



Appendix B: Test Data for E-UTRA Band 41

Product Name: Handheld 3D Laser Scanner brochure

Test Model: RobotSLAM

Environmental Conditions

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





C.1 Conducted Output Power Data Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band41	5MHz	QPSK	39675	1RB#0	24.35	PASS
Band41	5MHz	16QAM	39675	1RB#0	23.63	PASS
Band41	5MHz	QPSK	39675	1RB#12	24.53	PASS
Band41	5MHz	16QAM	39675	1RB#12	23.78	PASS
Band41	5MHz	QPSK	39675	1RB#24	24.41	PASS
Band41	5MHz	16QAM	39675	1RB#24	23.72	PASS
Band41	5MHz	QPSK	39675	12RB#0	23.46	PASS
Band41	5MHz	16QAM	39675	12RB#0	22.40	PASS
Band41	5MHz	QPSK	39675	12RB#6	23.46	PASS
Band41	5MHz	16QAM	39675	12RB#6	22.41	PASS
Band41	5MHz	QPSK	39675	12RB#13	23.50	PASS
Band41	5MHz	16QAM	39675	12RB#13	22.44	PASS
Band41	5MHz	QPSK	39675	25RB#0	23.50	PASS
Band41	5MHz	16QAM	39675	25RB#0	22.48	PASS
Band41	5MHz	QPSK	40620	1RB#0	24.47	PASS
Band41	5MHz	16QAM	40620	1RB#24	23.73	PASS
Band41	5MHz	QPSK	40620	12RB#0	23.57	PASS
Band41	5MHz	16QAM	40620	12RB#0	22.55	PASS
Band41	5MHz	QPSK	40620	12RB#6	23.57	PASS
Band41	5MHz	16QAM	40620	12RB#6	22.52	PASS
Band41	5MHz	QPSK	40620	12RB#13	23.53	PASS
Band41	5MHz	16QAM	40620	12RB#13	22.51	PASS
Band41	5MHz	16QAM	40620	25RB#0	22.60	PASS
Band41	5MHz	QPSK	41565	1RB#0	23.93	PASS
Band41	5MHz	16QAM	41565	1RB#0	23.25	PASS
Band41	5MHz	16QAM	40620	1RB#0	23.79	PASS
Band41	5MHz	QPSK	40620	1RB#12	24.61	PASS
Band41	5MHz	QPSK	41565	1RB#12	24.03	PASS
Band41	5MHz	16QAM	41565	1RB#12	23.34	PASS
Band41	5MHz	QPSK	41565	1RB#24	23.87	PASS
Band41	5MHz	16QAM	41565	1RB#24	23.18	PASS
Band41	5MHz	QPSK	41565	12RB#0	23.02	PASS
Band41	5MHz	16QAM	41565	12RB#0	22.01	PASS
Band41	5MHz	16QAM	41565	12RB#6	21.98	PASS
Band41	5MHz	QPSK	41565	12RB#13	22.97	PASS
Band41	5MHz	16QAM	40620	1RB#12	23.91	PASS
Band41	5MHz	QPSK	40620	1RB#24	24.45	PASS
Band41	5MHz	QPSK	40620	25RB#0	23.56	PASS



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Scan code to check authenticity



Band41	5MHz	QPSK	41565	12RB#6	23.03	PASS
Band41	5MHz	16QAM	41565	12RB#13	21.93	PASS
Band41	5MHz	QPSK	41565	25RB#0	23.01	PASS
Band41	5MHz	16QAM	41565	25RB#0	22.04	PASS
Band41	10MHz	QPSK	39700	1RB#0	24.53	PASS
Band41	10MHz	16QAM	39700	1RB#0	23.63	PASS
Band41	10MHz	QPSK	39700	1RB#24	24.85	PASS
Band41	10MHz	16QAM	39700	1RB#24	23.97	PASS
Band41	10MHz	QPSK	39700	1RB#49	24.62	PASS
Band41	10MHz	16QAM	39700	1RB#49	23.75	PASS
Band41	10MHz	QPSK	39700	25RB#0	23.59	PASS
Band41	10MHz	16QAM	39700	25RB#0	22.64	PASS
Band41	10MHz	QPSK	39700	25RB#12	23.61	PASS
Band41	10MHz	16QAM	39700	25RB#12	22.65	PASS
Band41	10MHz	QPSK	39700	25RB#25	23.62	PASS
Band41	10MHz	16QAM	39700	25RB#25	22.70	PASS
Band41	10MHz	QPSK	39700	50RB#0	23.58	PASS
Band41	10MHz	16QAM	39700	50RB#0	22.58	PASS
Band41	10MHz	QPSK	40620	1RB#0	24.62	PASS
Band41	10MHz	16QAM	40620	1RB#0	23.77	PASS
Band41	10MHz	QPSK	40620	1RB#24	24.84	PASS
Band41	10MHz	16QAM	40620	1RB#24	23.98	PASS
Band41	10MHz	QPSK	40620	1RB#49	24.58	PASS
Band41	10MHz	16QAM	40620	1RB#49	23.73	PASS
Band41	10MHz	QPSK	40620	25RB#0	23.67	PASS
Band41	10MHz	16QAM	40620	25RB#0	22.74	PASS
Band41	10MHz	QPSK	40620	25RB#12	23.67	PASS
Band41	10MHz	16QAM	40620	25RB#12	22.77	PASS
Band41	10MHz	QPSK	40620	25RB#25	23.62	PASS
Band41	10MHz	16QAM	40620	25RB#25	22.69	PASS
Band41	10MHz	QPSK	40620	50RB#0	23.63	PASS
Band41	10MHz	16QAM	40620	50RB#0	22.67	PASS
Band41	10MHz	QPSK	41540	1RB#0	24.22	PASS
Band41	10MHz	16QAM	41540	1RB#0	23.39	PASS
Band41	10MHz	QPSK	41540	1RB#24	24.35	PASS
Band41	10MHz	16QAM	41540	1RB#24	23.49	PASS
Band41	10MHz	QPSK	41540	1RB#49	24.06	PASS
Band41	10MHz	16QAM	41540	1RB#49	23.18	PASS
Band41	10MHz	QPSK	41540	25RB#0	23.19	PASS
Band41	10MHz	16QAM	41540	25RB#0	22.30	PASS
Band41	10MHz	QPSK	41540	25RB#12	23.23	PASS
Band41	10MHz	16QAM	41540	25RB#12	22.34	PASS





Band41	10MHz	QPSK	41540	25RB#25	23.09	PASS
Band41	10MHz	16QAM	41540	25RB#25	22.16	PASS
Band41	10MHz	QPSK	41540	50RB#0	23.15	PASS
Band41	10MHz	16QAM	41540	50RB#0	22.19	PASS
Band41	15MHz	QPSK	39725	1RB#0	24.46	PASS
Band41	15MHz	16QAM	39725	1RB#0	23.55	PASS
Band41	15MHz	QPSK	39725	1RB#38	24.68	PASS
Band41	15MHz	16QAM	39725	1RB#38	23.76	PASS
Band41	15MHz	QPSK	39725	1RB#74	24.52	PASS
Band41	15MHz	16QAM	39725	1RB#74	23.66	PASS
Band41	15MHz	QPSK	39725	38RB#0	23.64	PASS
Band41	15MHz	16QAM	39725	38RB#0	23.66	PASS
Band41	15MHz	QPSK	39725	38RB#18	23.64	PASS
Band41	15MHz	16QAM	39725	38RB#18	23.64	PASS
Band41	15MHz	QPSK	39725	38RB#37	23.62	PASS
Band41	15MHz	16QAM	39725	38RB#37	23.66	PASS
Band41	15MHz	QPSK	39725	75RB#0	23.66	PASS
Band41	15MHz	16QAM	39725	75RB#0	22.63	PASS
Band41	15MHz	QPSK	40620	1RB#0	24.55	PASS
Band41	15MHz	16QAM	40620	1RB#0	23.73	PASS
Band41	15MHz	QPSK	40620	1RB#38	24.62	PASS
Band41	15MHz	16QAM	40620	1RB#38	23.79	PASS
Band41	15MHz	QPSK	40620	1RB#74	24.46	PASS
Band41	15MHz	16QAM	40620	1RB#74	23.61	PASS
Band41	15MHz	QPSK	40620	38RB#0	23.66	PASS
Band41	15MHz	16QAM	40620	38RB#0	23.68	PASS
Band41	15MHz	QPSK	40620	38RB#18	23.66	PASS
Band41	15MHz	16QAM	40620	38RB#18	23.68	PASS
Band41	15MHz	QPSK	40620	38RB#37	23.66	PASS
Band41	15MHz	16QAM	40620	38RB#37	23.70	PASS
Band41	15MHz	QPSK	40620	75RB#0	23.66	PASS
Band41	15MHz	16QAM	40620	75RB#0	22.65	PASS
Band41	15MHz	QPSK	41515	1RB#0	24.27	PASS
Band41	15MHz	16QAM	41515	1RB#0	23.43	PASS
Band41	15MHz	QPSK	41515	1RB#38	24.17	PASS
Band41	15MHz	16QAM	41515	1RB#38	23.33	PASS
Band41	15MHz	QPSK	41515	1RB#74	23.96	PASS
Band41	15MHz	16QAM	41515	1RB#74	23.12	PASS
Band41	15MHz	QPSK	41515	38RB#0	23.18	PASS
Band41	15MHz	16QAM	41515	38RB#0	23.17	PASS
Band41	15MHz	QPSK	41515	38RB#18	23.18	PASS
Band41	15MHz	16QAM	41515	38RB#18	23.18	PASS



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Band41	15MHz	QPSK	41515	38RB#37	23.17	PASS
Band41	15MHz	16QAM	41515	38RB#37	23.22	PASS
Band41	15MHz	QPSK	41515	75RB#0	23.19	PASS
Band41	15MHz	16QAM	41515	75RB#0	22.17	PASS
Band41	20MHz	QPSK	39750	1RB#0	24.34	PASS
Band41	20MHz	16QAM	39750	1RB#0	23.30	PASS
Band41	20MHz	QPSK	39750	1RB#49	24.80	PASS
Band41	20MHz	16QAM	39750	1RB#49	23.77	PASS
Band41	20MHz	QPSK	39750	1RB#99	24.37	PASS
Band41	20MHz	16QAM	39750	1RB#99	23.33	PASS
Band41	20MHz	QPSK	39750	50RB#0	23.56	PASS
Band41	20MHz	16QAM	39750	50RB#0	22.55	PASS
Band41	20MHz	QPSK	39750	50RB#25	23.54	PASS
Band41	20MHz	16QAM	39750	50RB#25	22.55	PASS
Band41	20MHz	QPSK	39750	50RB#50	23.56	PASS
Band41	20MHz	16QAM	39750	50RB#50	22.57	PASS
Band41	20MHz	QPSK	39750	100RB#0	23.56	PASS
Band41	20MHz	16QAM	39750	100RB#0	22.55	PASS
Band41	20MHz	QPSK	40620	1RB#0	24.42	PASS
Band41	20MHz	16QAM	40620	1RB#0	23.42	PASS
Band41	20MHz	QPSK	40620	1RB#49	24.80	PASS
Band41	20MHz	16QAM	40620	1RB#49	23.77	PASS
Band41	20MHz	QPSK	40620	1RB#99	24.36	PASS
Band41	20MHz	16QAM	40620	1RB#99	23.34	PASS
Band41	20MHz	QPSK	40620	50RB#0	23.64	PASS
Band41	20MHz	16QAM	40620	50RB#0	22.65	PASS
Band41	20MHz	QPSK	40620	50RB#25	23.63	PASS
Band41	20MHz	16QAM	40620	50RB#25	22.65	PASS
Band41	20MHz	QPSK	40620	50RB#50	23.58	PASS
Band41	20MHz	16QAM	40620	50RB#50	22.61	PASS
Band41	20MHz	QPSK	40620	100RB#0	23.58	PASS
Band41	20MHz	16QAM	40620	100RB#0	22.61	PASS
Band41	20MHz	QPSK	41490	1RB#0	24.25	PASS
Band41	20MHz	16QAM	41490	1RB#0	23.25	PASS
Band41	20MHz	QPSK	41490	1RB#49	24.40	PASS
Band41	20MHz	16QAM	41490	1RB#49	23.38	PASS
Band41	20MHz	QPSK	41490	1RB#99	23.81	PASS
Band41	20MHz	16QAM	41490	1RB#99	22.80	PASS
Band41	20MHz	QPSK	41490	50RB#0	23.29	PASS
Band41	20MHz	16QAM	41490	50RB#0	22.35	PASS
Band41	20MHz	QPSK	41490	50RB#25	23.28	PASS
Band41	20MHz	16QAM	41490	50RB#25	22.33	PASS



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Band41	20MHz	QPSK	41490	50RB#50	23.08	PASS
Band41	20MHz	16QAM	41490	50RB#50	22.10	PASS
Band41	20MHz	QPSK	41490	100RB#0	23.17	PASS
Band41	20MHz	16QAM	41490	100RB#0	22.22	PASS





C.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	7.98	13	PASS
Band41	5MHz	16QAM	39675	1RB#0	8.84	13	PASS
Band41	5MHz	QPSK	39675	25RB#0	8.89	13	PASS
Band41	5MHz	16QAM	39675	25RB#0	9.82	13	PASS
Band41	5MHz	QPSK	40620	1RB#0	8.00	13	PASS
Band41	5MHz	16QAM	40620	1RB#0	8.85	13	PASS
Band41	5MHz	QPSK	40620	25RB#0	9.13	13	PASS
Band41	5MHz	16QAM	40620	25RB#0	9.87	13	PASS
Band41	5MHz	QPSK	41565	1RB#0	8.33	13	PASS
Band41	5MHz	16QAM	41565	1RB#0	8.99	13	PASS
Band41	5MHz	QPSK	41565	25RB#0	9.23	13	PASS
Band41	5MHz	16QAM	41565	25RB#0	9.80	13	PASS
Band41	10MHz	QPSK	39700	1RB#0	7.94	13	PASS
Band41	10MHz	16QAM	39700	1RB#0	8.78	13	PASS
Band41	10MHz	QPSK	39700	50RB#0	9.11	13	PASS
Band41	10MHz	16QAM	39700	50RB#0	9.73	13	PASS
Band41	10MHz	QPSK	40620	1RB#0	8.20	13	PASS
Band41	10MHz	16QAM	40620	1RB#0	9.08	13	PASS
Band41	10MHz	QPSK	40620	50RB#0	9.19	13	PASS
Band41	10MHz	16QAM	40620	50RB#0	9.90	13	PASS
Band41	10MHz	QPSK	41540	1RB#0	8.11	13	PASS
Band41	10MHz	16QAM	41540	1RB#0	9.39	13	PASS
Band41	10MHz	QPSK	41540	50RB#0	9.23	13	PASS
Band41	10MHz	16QAM	41540	50RB#0	9.96	13	PASS
Band41	15MHz	QPSK	39725	1RB#0	8.00	13	PASS
Band41	15MHz	16QAM	39725	1RB#0	8.65	13	PASS
Band41	15MHz	QPSK	39725	75RB#0	9.60	13	PASS
Band41	15MHz	16QAM	39725	75RB#0	9.98	13	PASS
Band41	15MHz	QPSK	40620	1RB#0	7.83	13	PASS
Band41	15MHz	16QAM	40620	1RB#0	8.94	13	PASS
Band41	15MHz	QPSK	40620	75RB#0	9.18	13	PASS
Band41	15MHz	16QAM	40620	75RB#0	10.17	13	PASS
Band41	15MHz	QPSK	41515	1RB#0	7.75	13	PASS
Band41	15MHz	16QAM	41515	1RB#0	8.94	13	PASS
Band41	15MHz	QPSK	41515	75RB#0	9.47	13	PASS
Band41	15MHz	16QAM	41515	75RB#0	9.92	13	PASS





Band41	20MHz	QPSK	39750	1RB#0	7.68	13	PASS
Band41	20MHz	16QAM	39750	1RB#0	8.47	13	PASS
Band41	20MHz	QPSK	39750	100RB#0	8.90	13	PASS
Band41	20MHz	16QAM	39750	100RB#0	9.92	13	PASS
Band41	20MHz	QPSK	40620	1RB#0	8.00	13	PASS
Band41	20MHz	16QAM	40620	1RB#0	8.59	13	PASS
Band41	20MHz	QPSK	40620	100RB#0	9.05	13	PASS
Band41	20MHz	16QAM	40620	100RB#0	9.76	13	PASS
Band41	20MHz	QPSK	41490	1RB#0	8.08	13	PASS
Band41	20MHz	16QAM	41490	1RB#0	9.12	13	PASS
Band41	20MHz	QPSK	41490	100RB#0	9.22	13	PASS
Band41	20MHz	16QAM	41490	100RB#0	10.25	13	PASS





Test Graphs

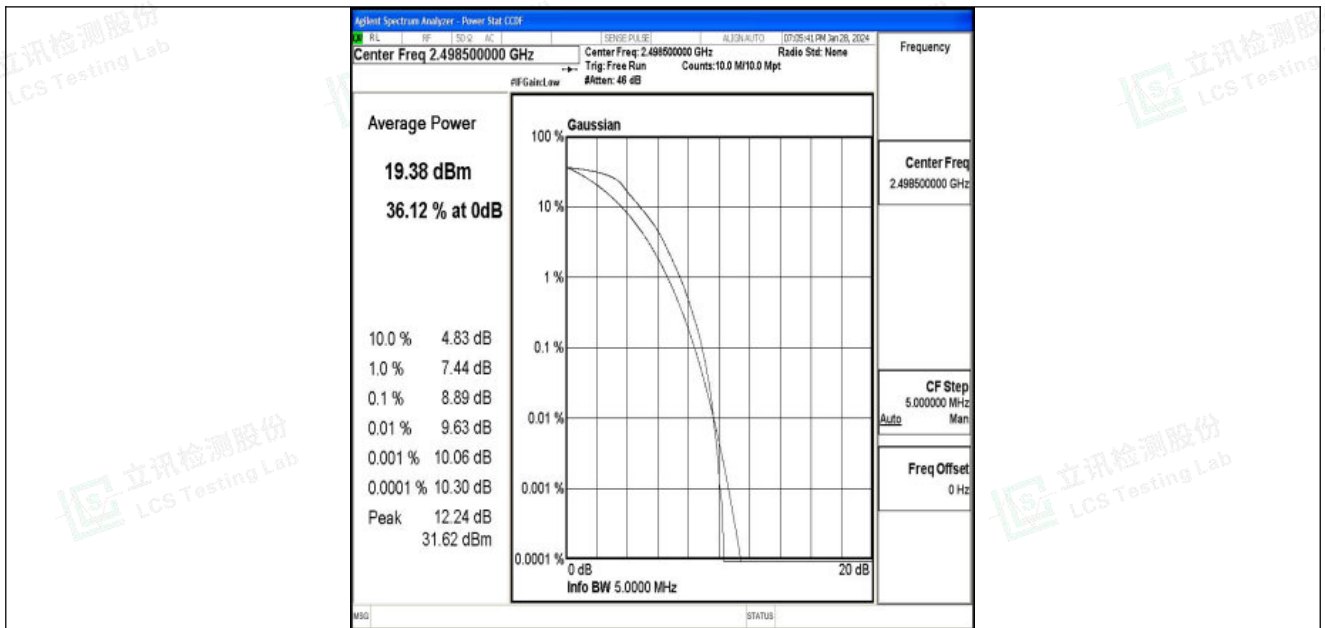


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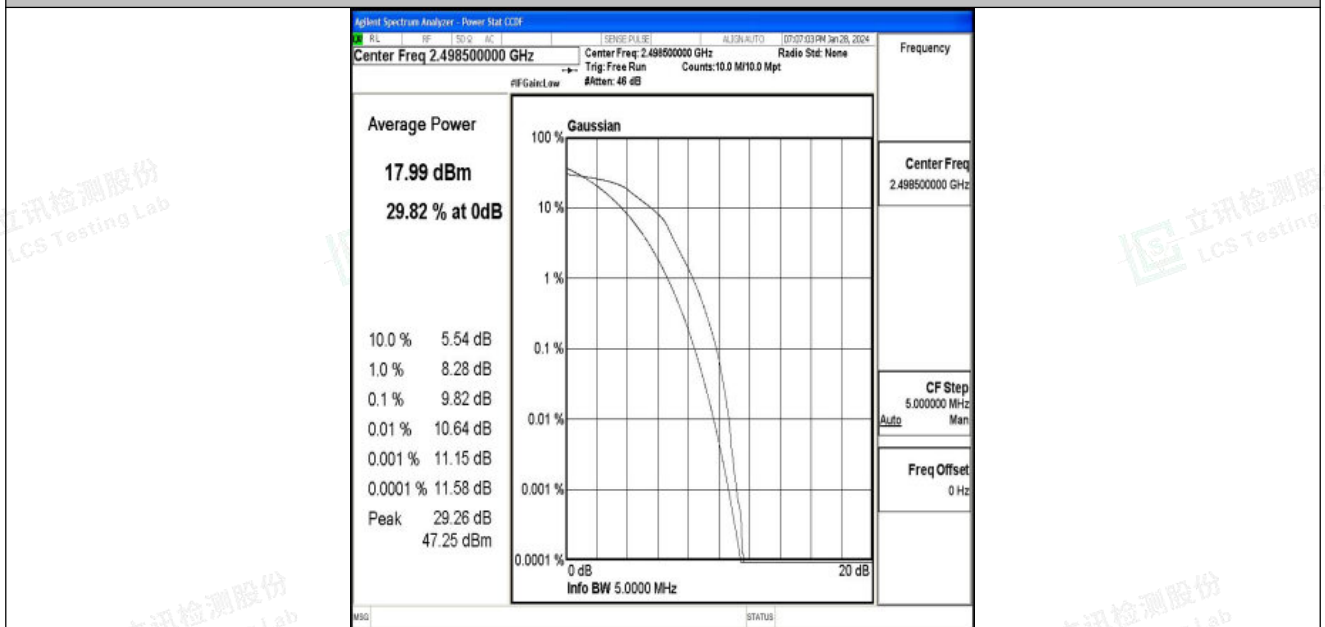
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Band41-5MHz-QPSK-39675-25RB#0-PASS



Band41-5MHz-16QAM-39675-25RB#0-PASS

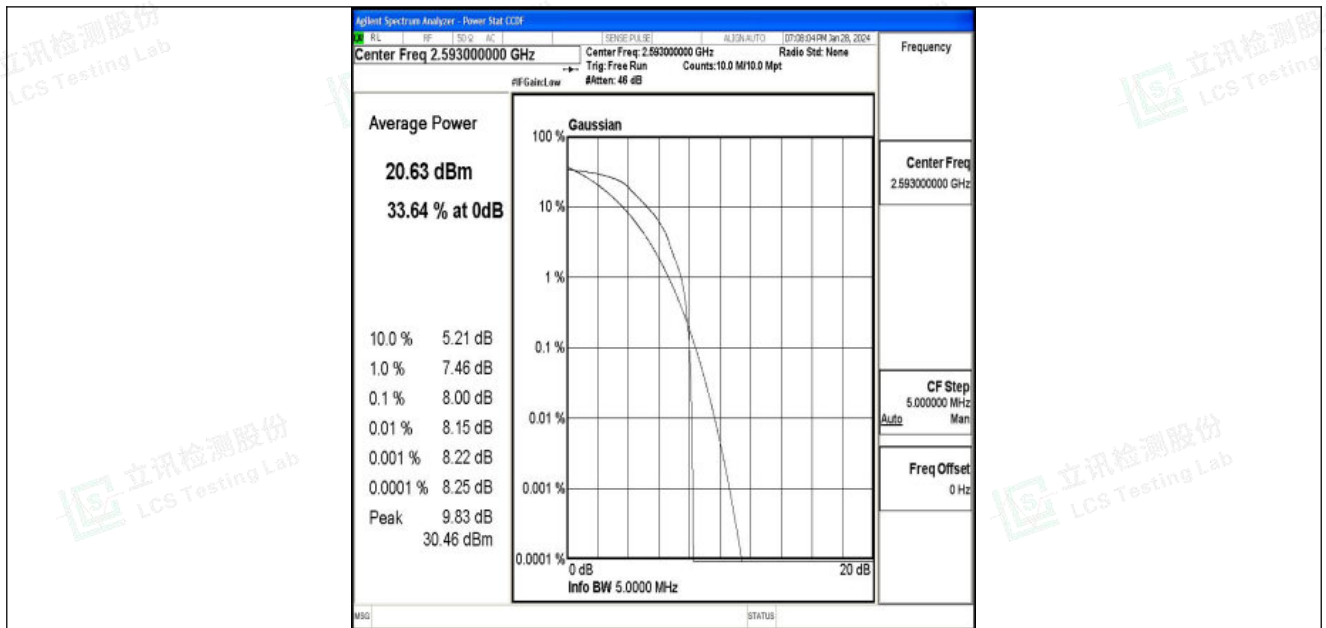


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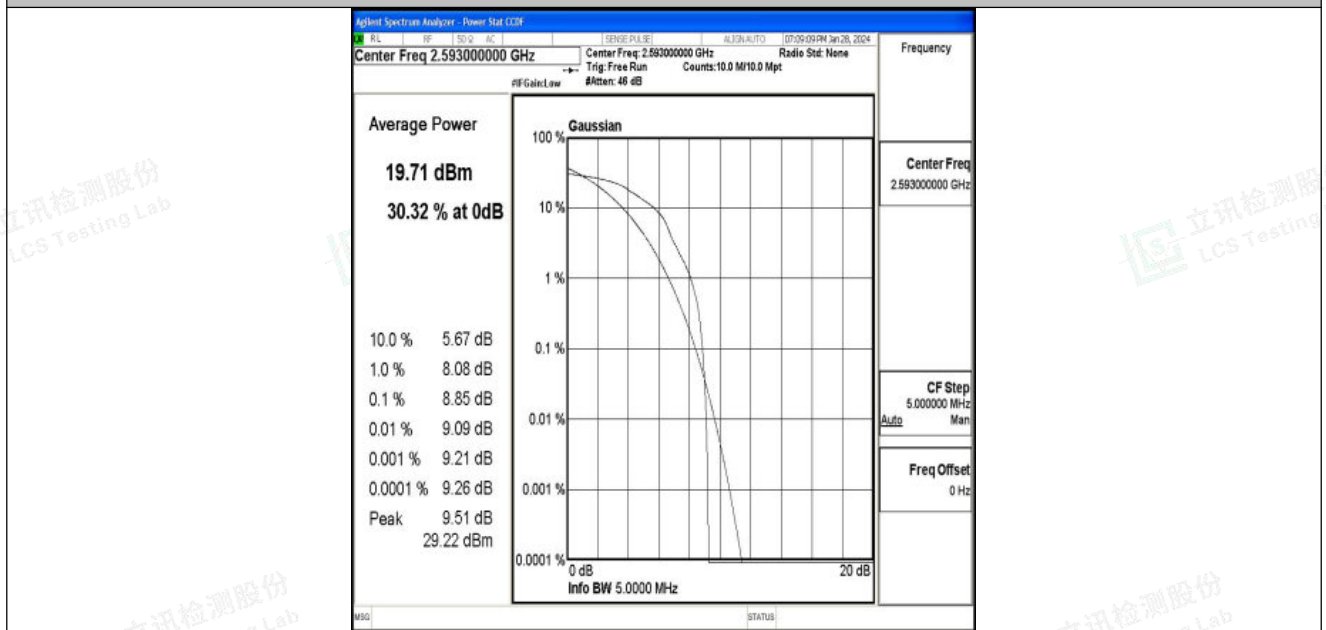
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Band41-5MHz-QPSK-40620-1RB#0-PASS



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

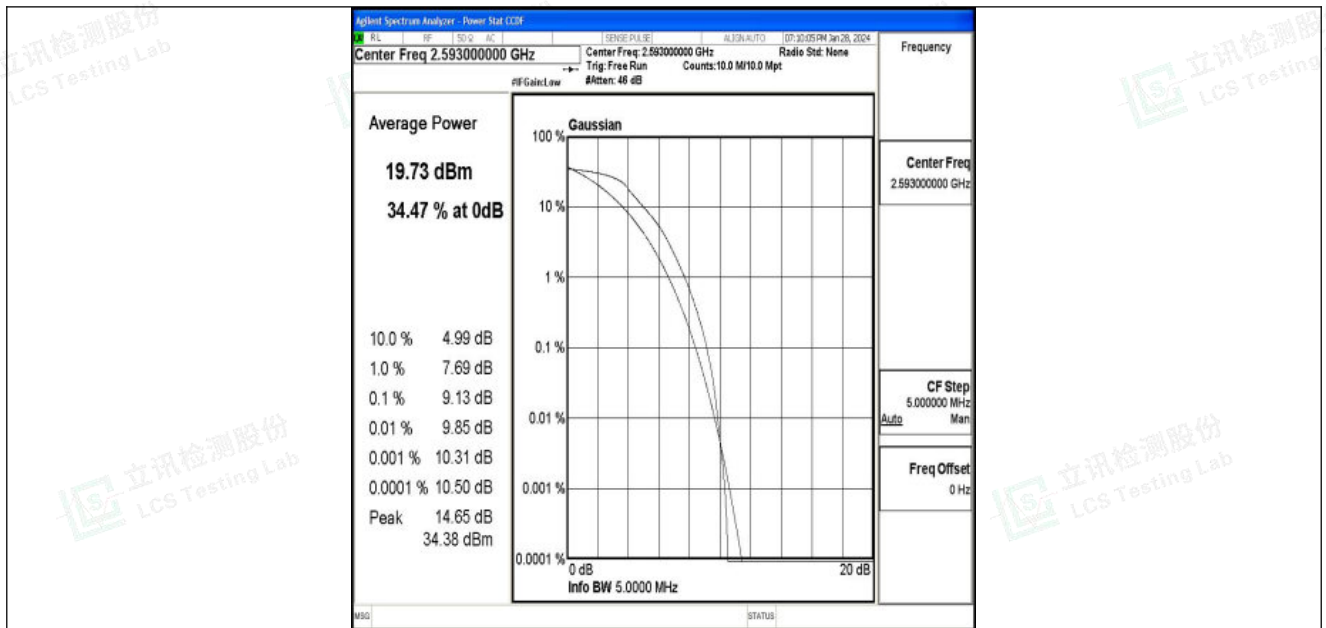


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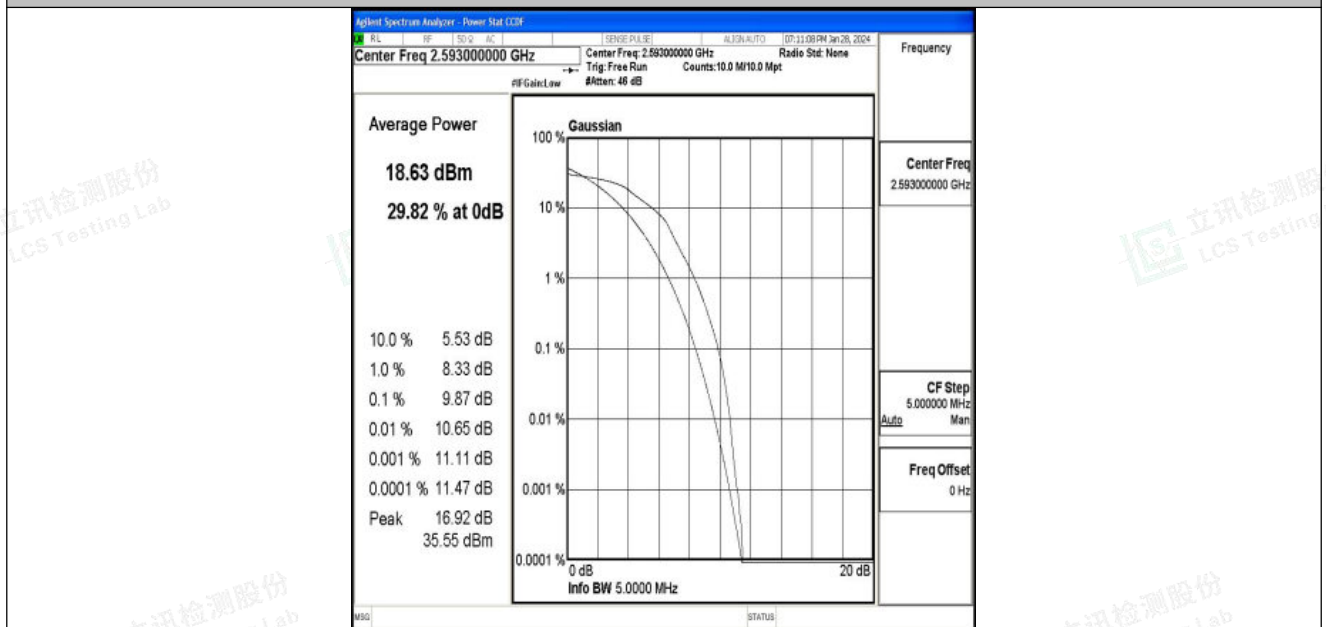
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Band41-5MHz-QPSK-40620-25RB#0-PASS



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

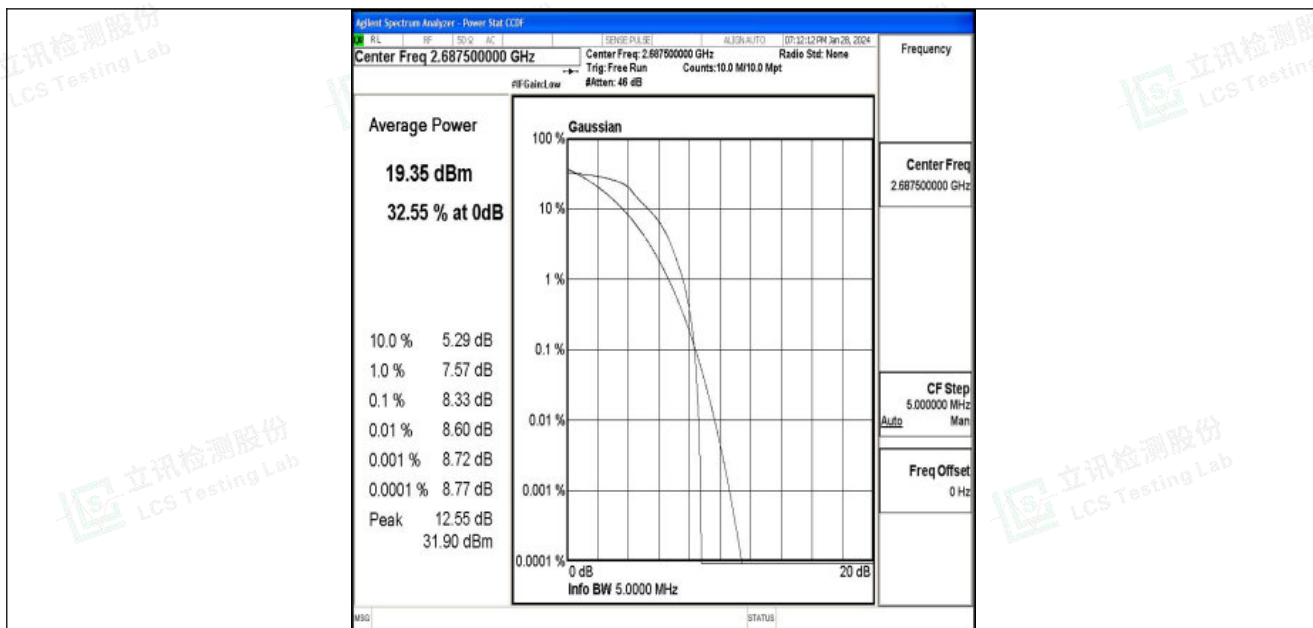


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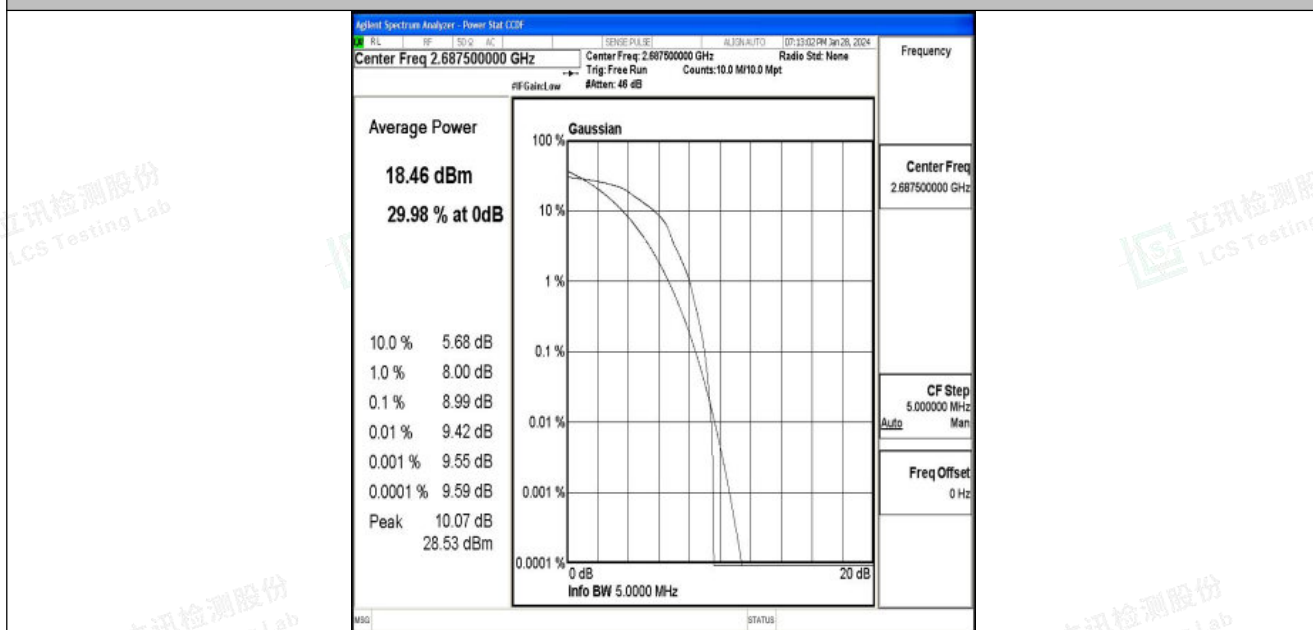
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Band41-5MHz-QPSK-41565-1RB#0-PASS



Band41-5MHz-16QAM-41565-1RB#0-PASS

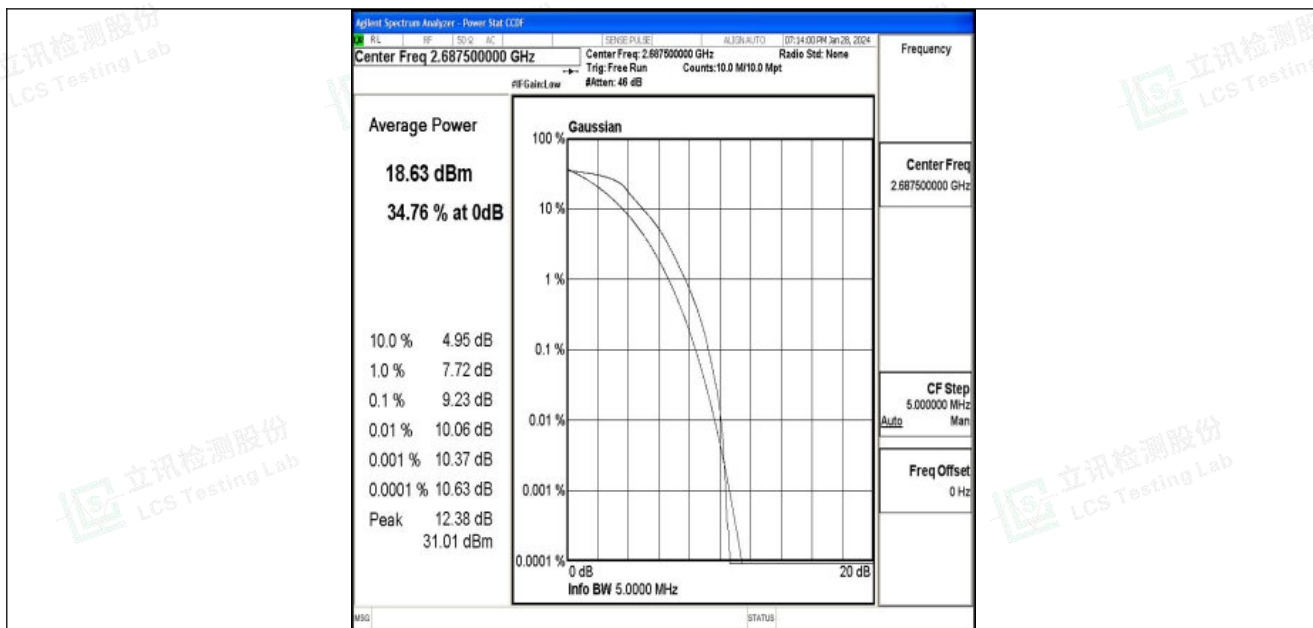


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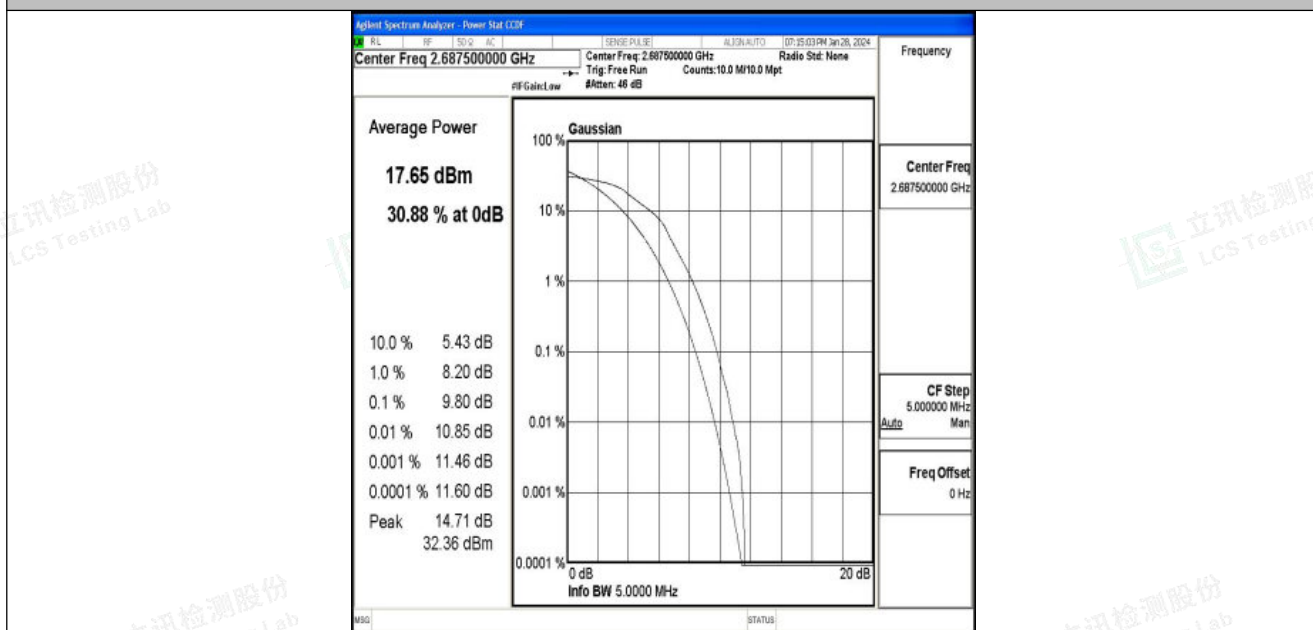
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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



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

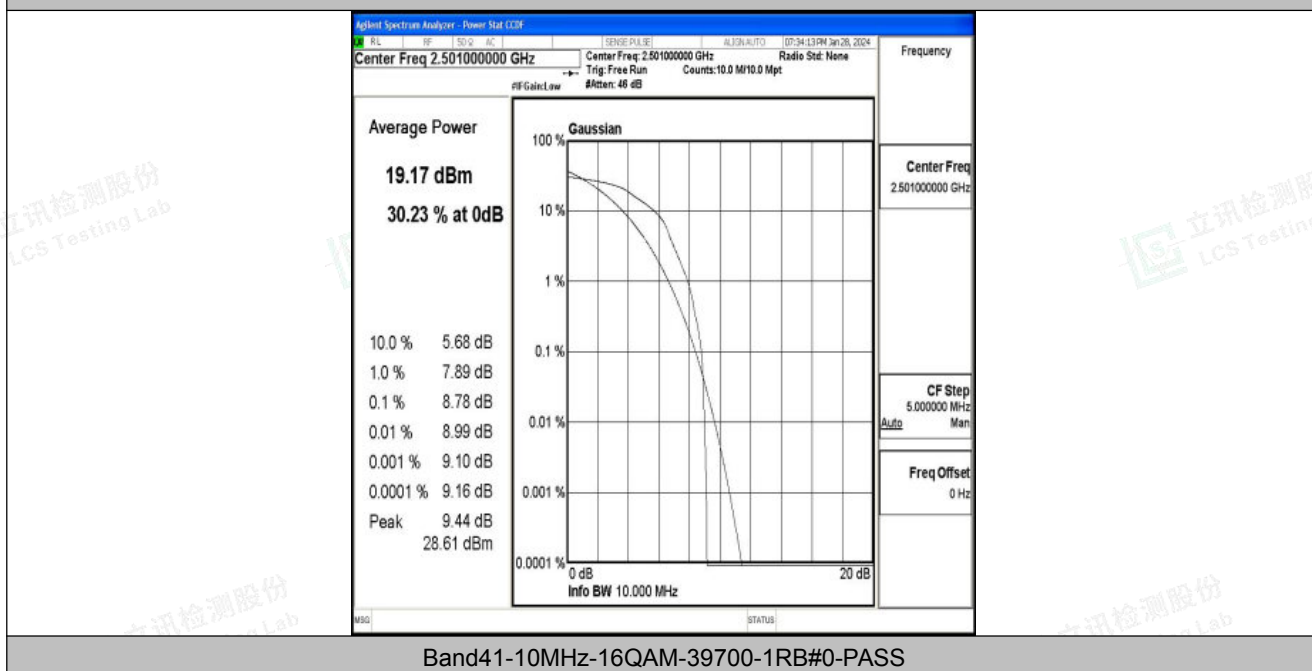
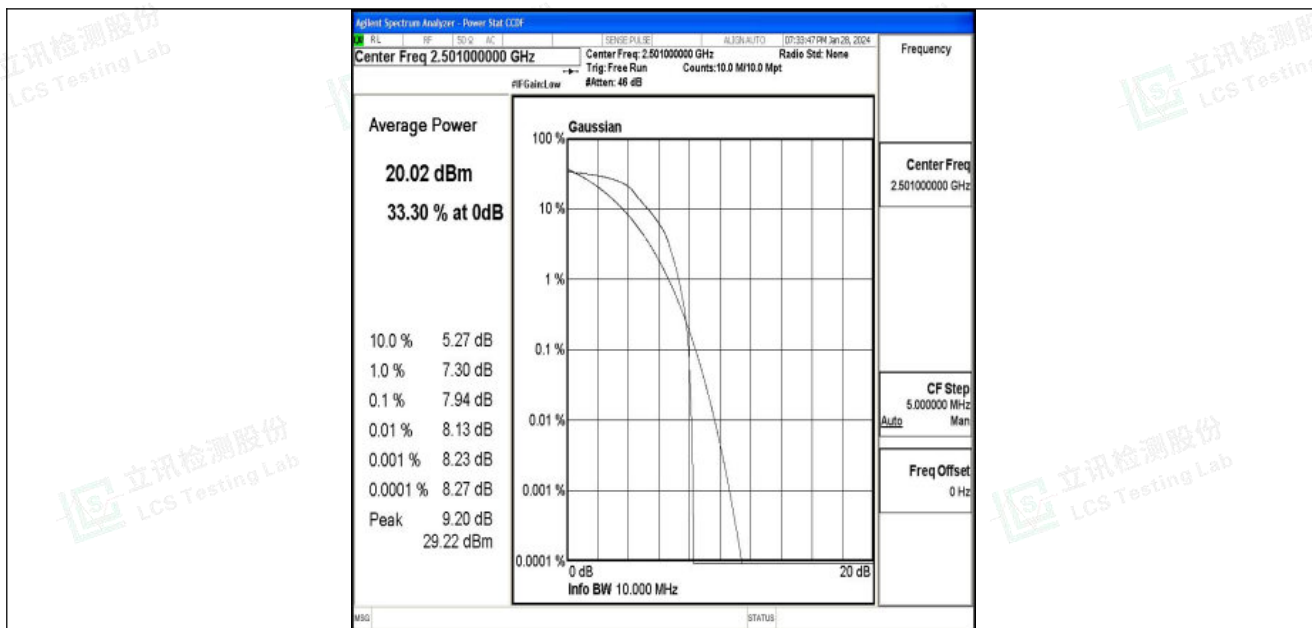


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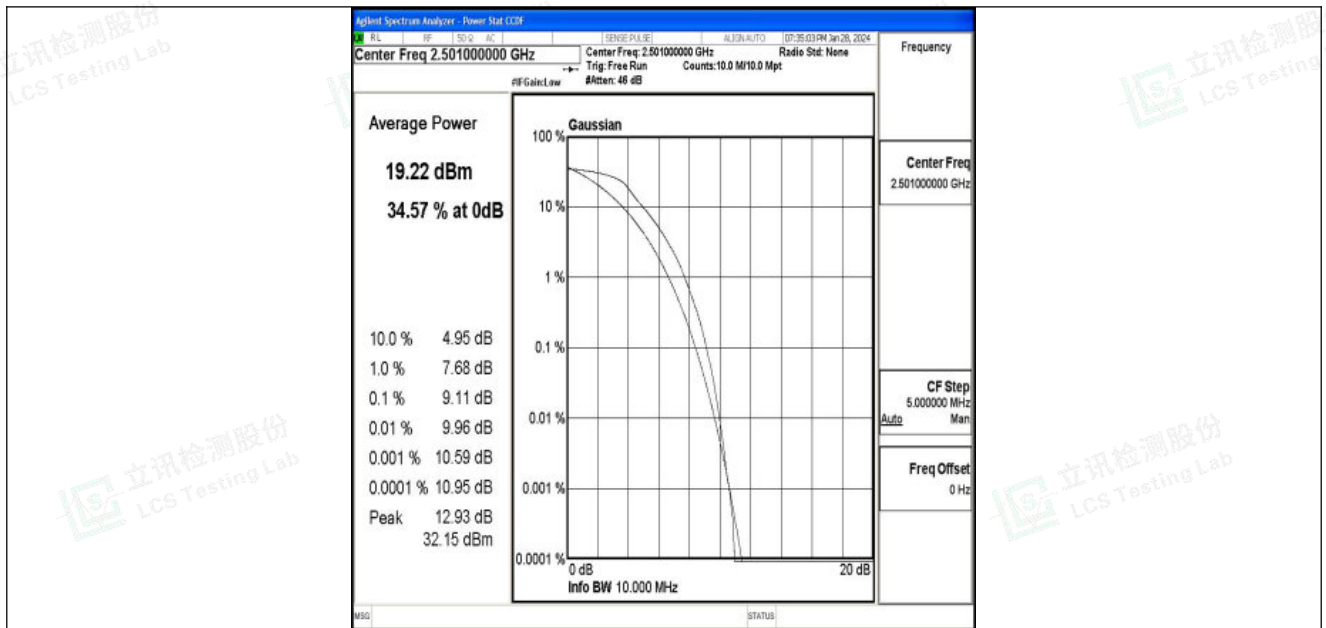


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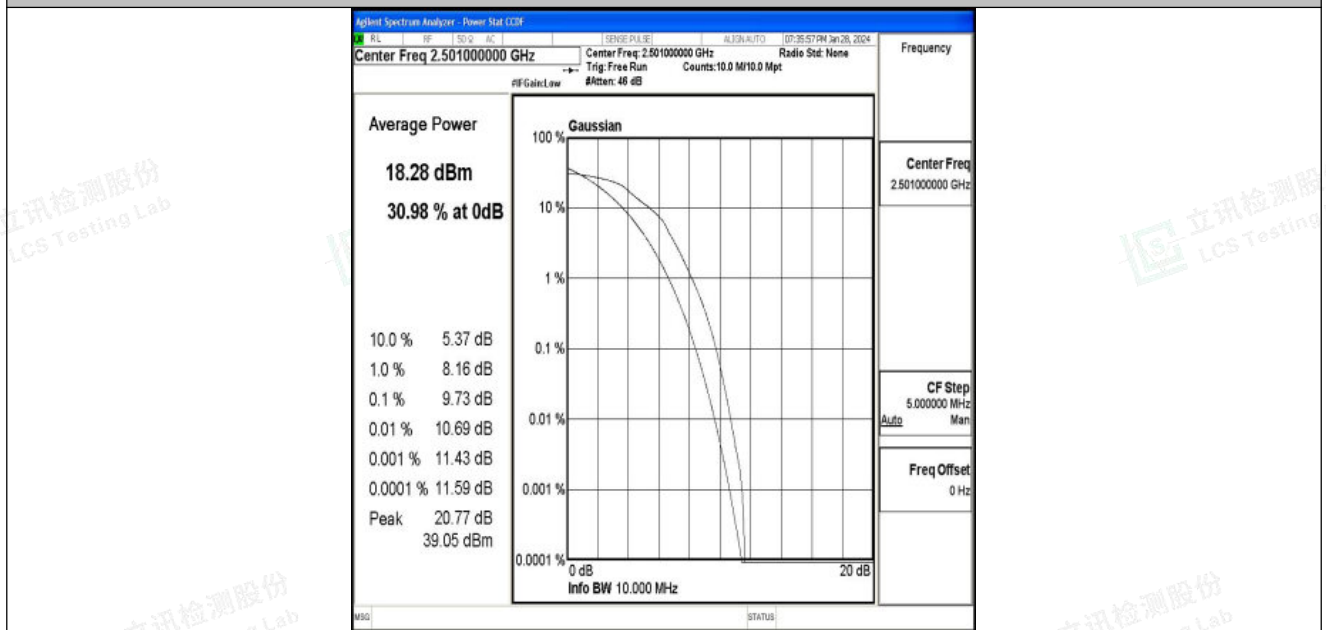
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Band41-10MHz-QPSK-39700-50RB#0-PASS



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

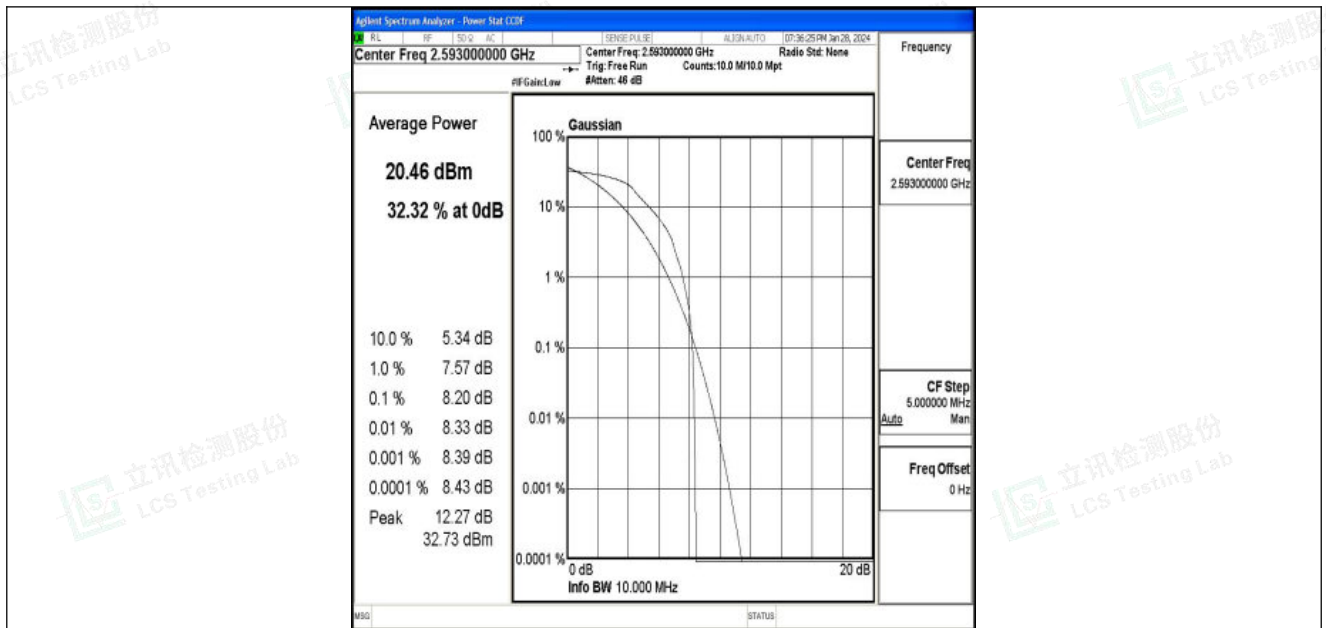


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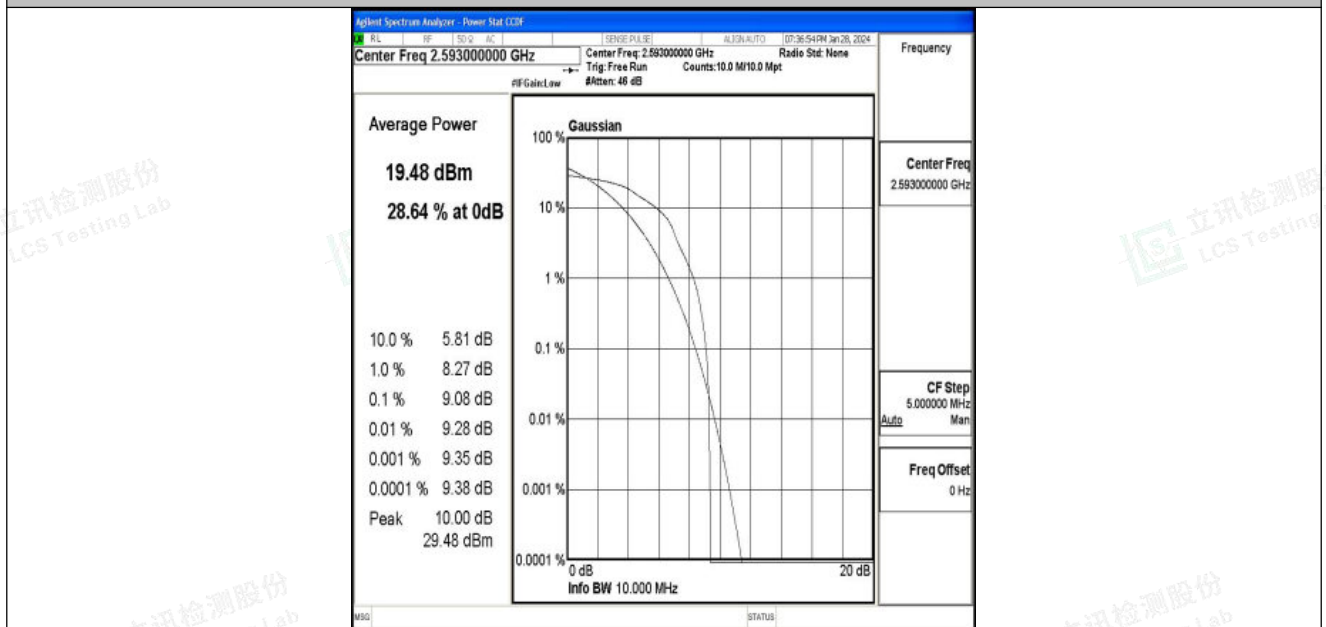
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Band41-10MHz-QPSK-40620-1RB#0-PASS



Band41-10MHz-16QAM-40620-1RB#0-PASS

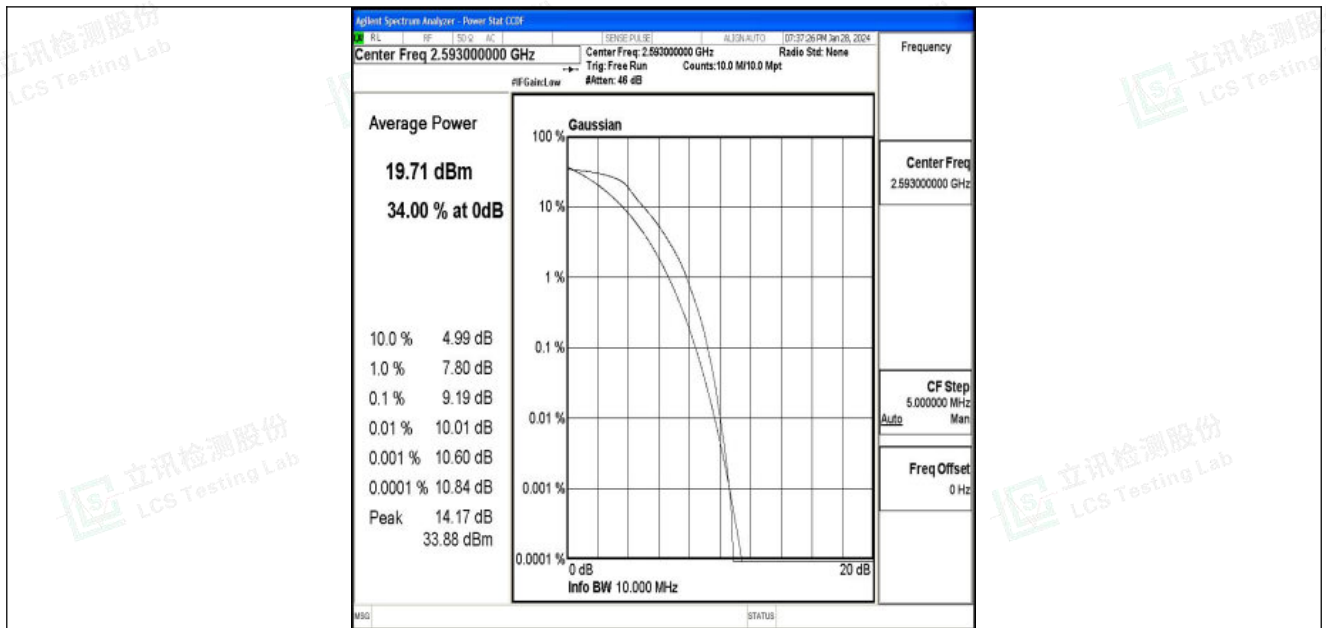


Shenzhen LCS Compliance Testing Laboratory Ltd.

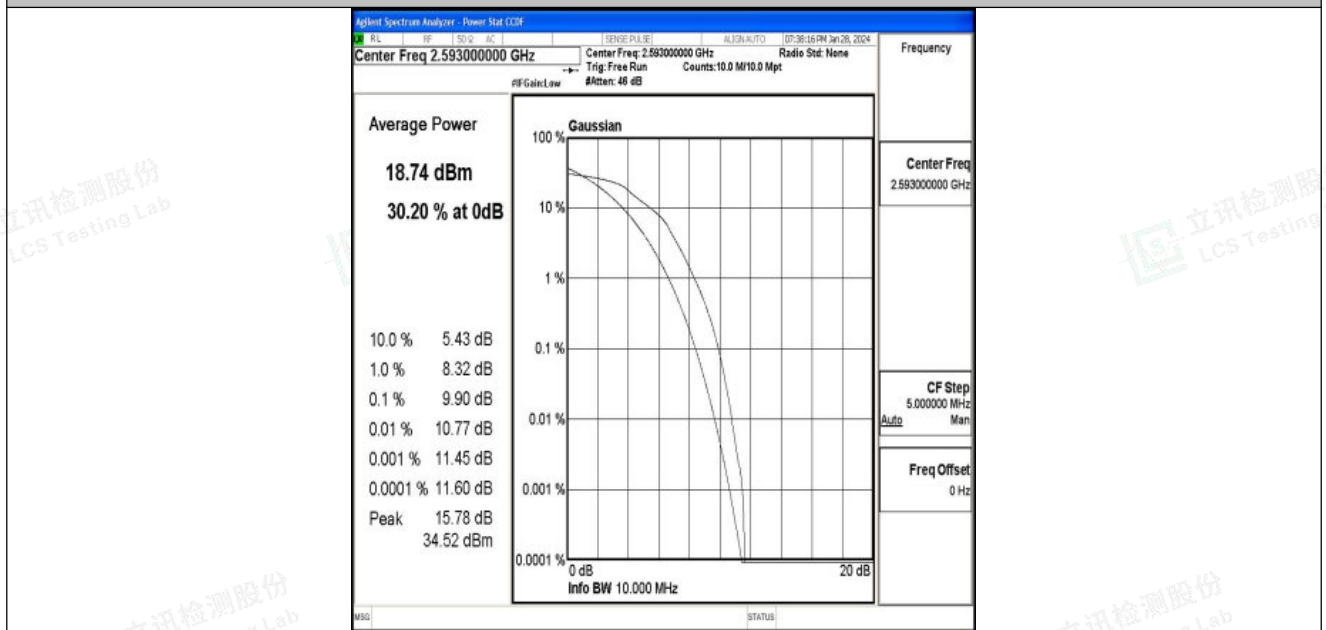
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Band41-10MHz-QPSK-40620-50RB#0-PASS



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

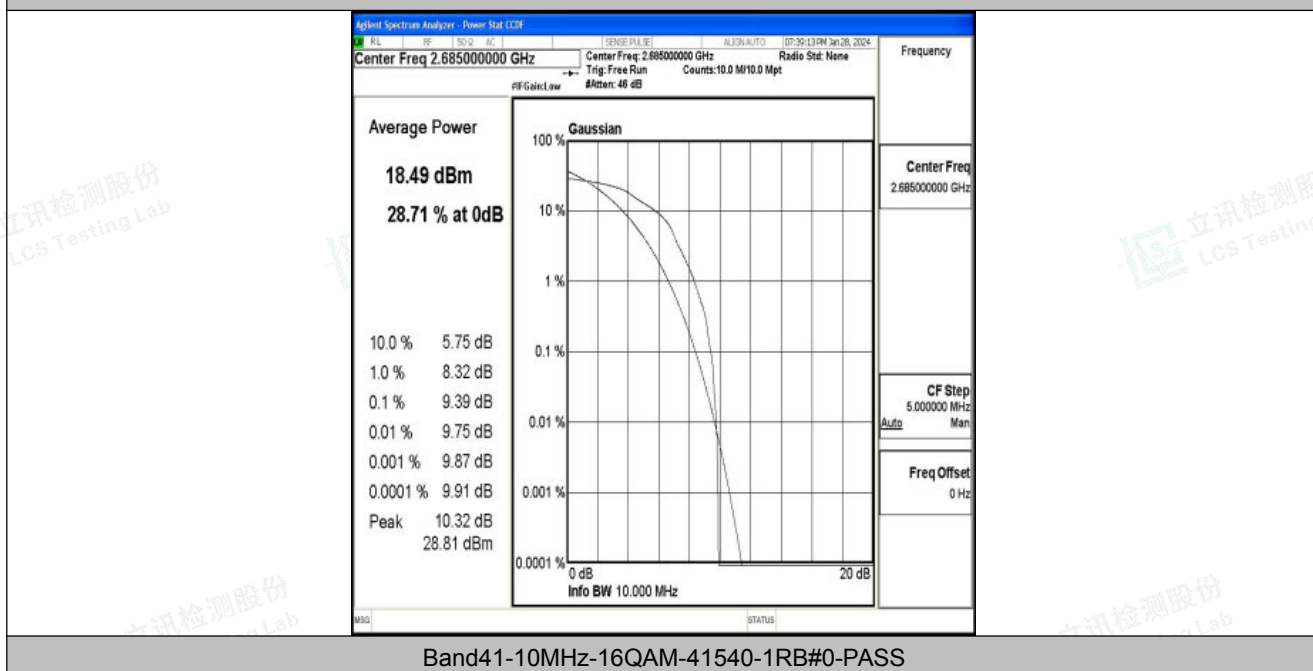
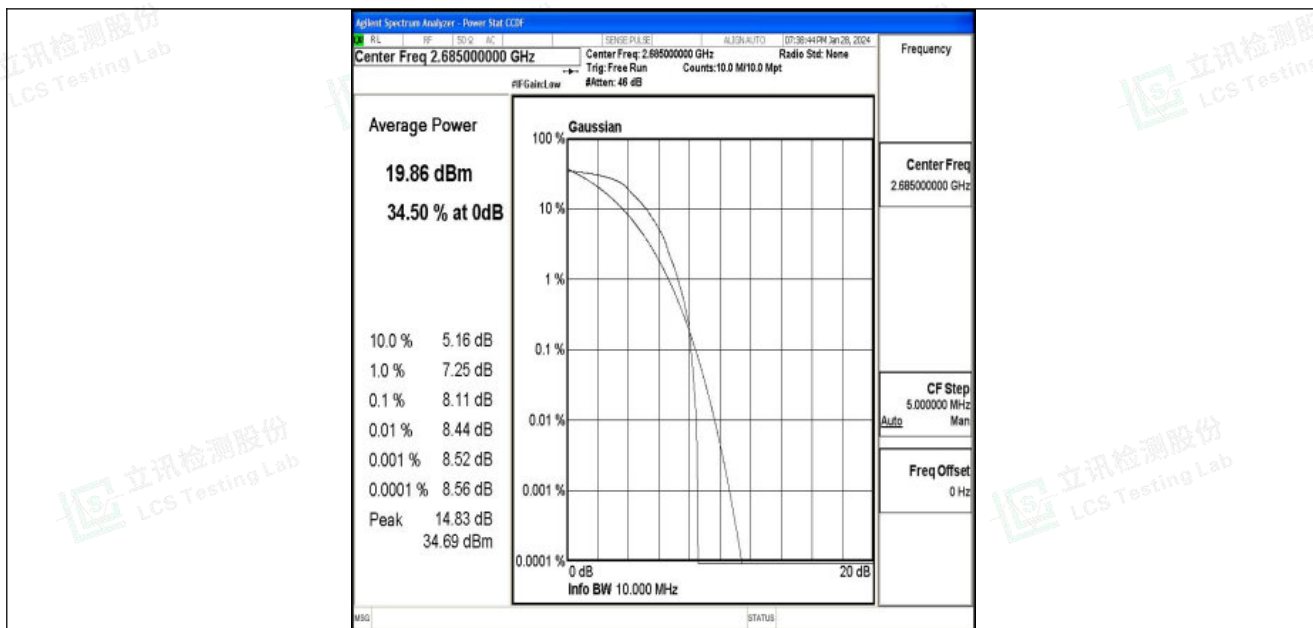


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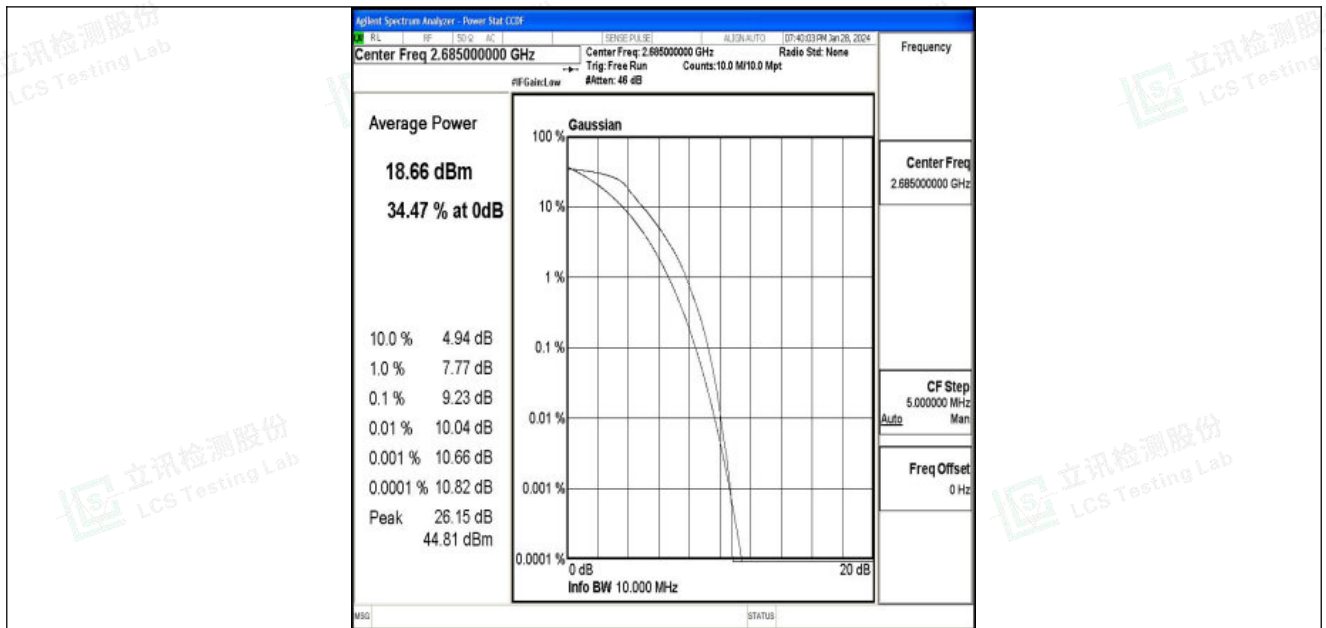


Shenzhen LCS Compliance Testing Laboratory Ltd.

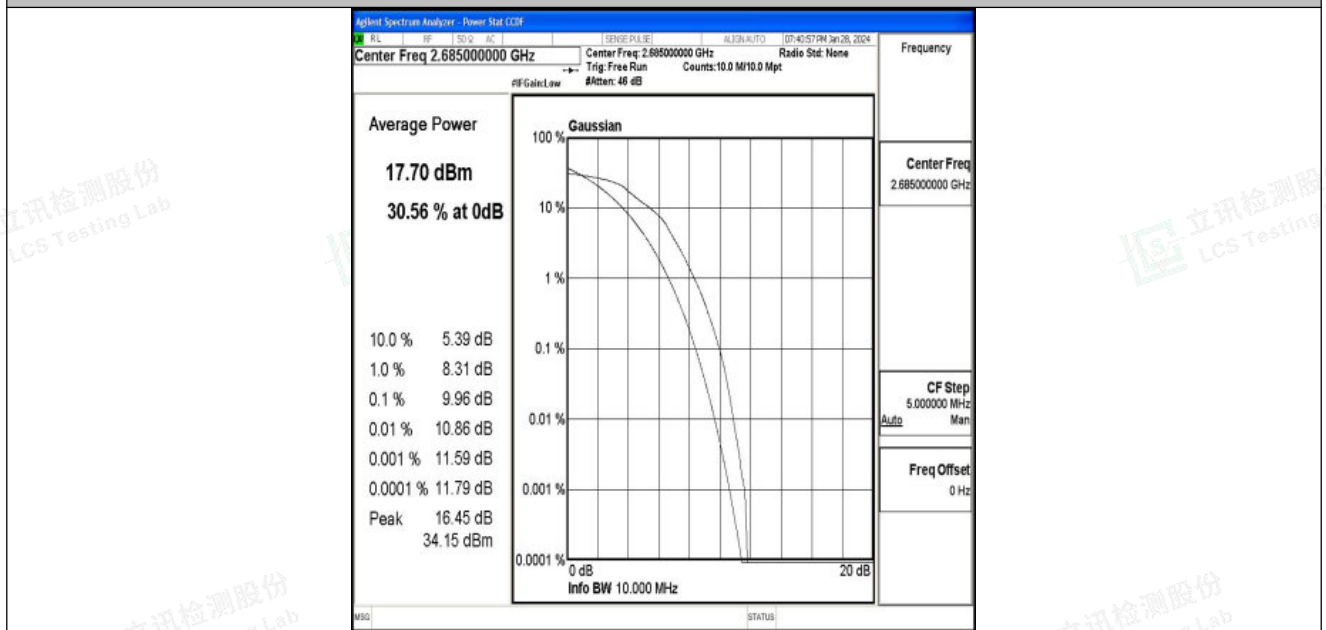
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Band41-10MHz-QPSK-41540-50RB#0-PASS



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

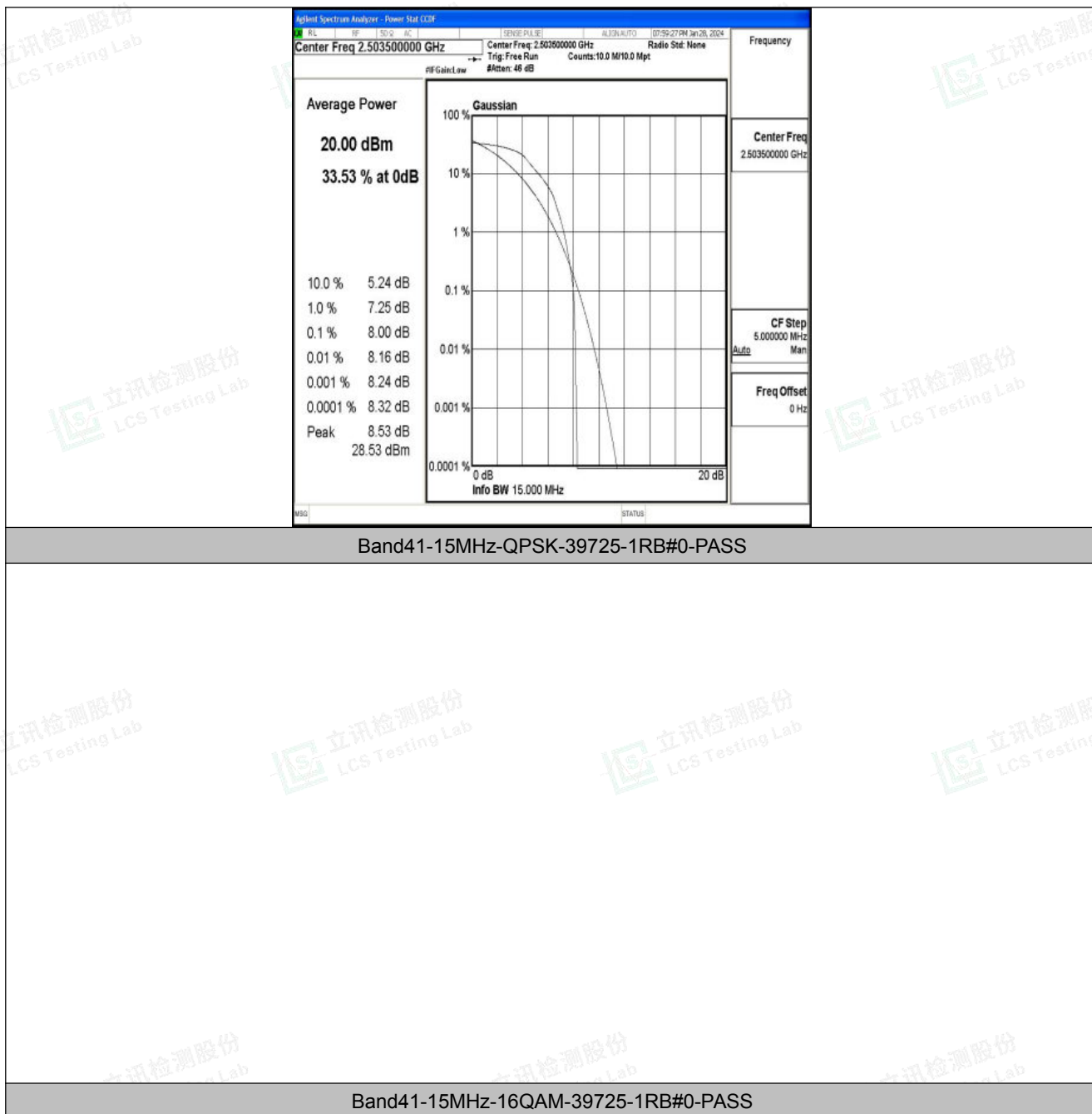


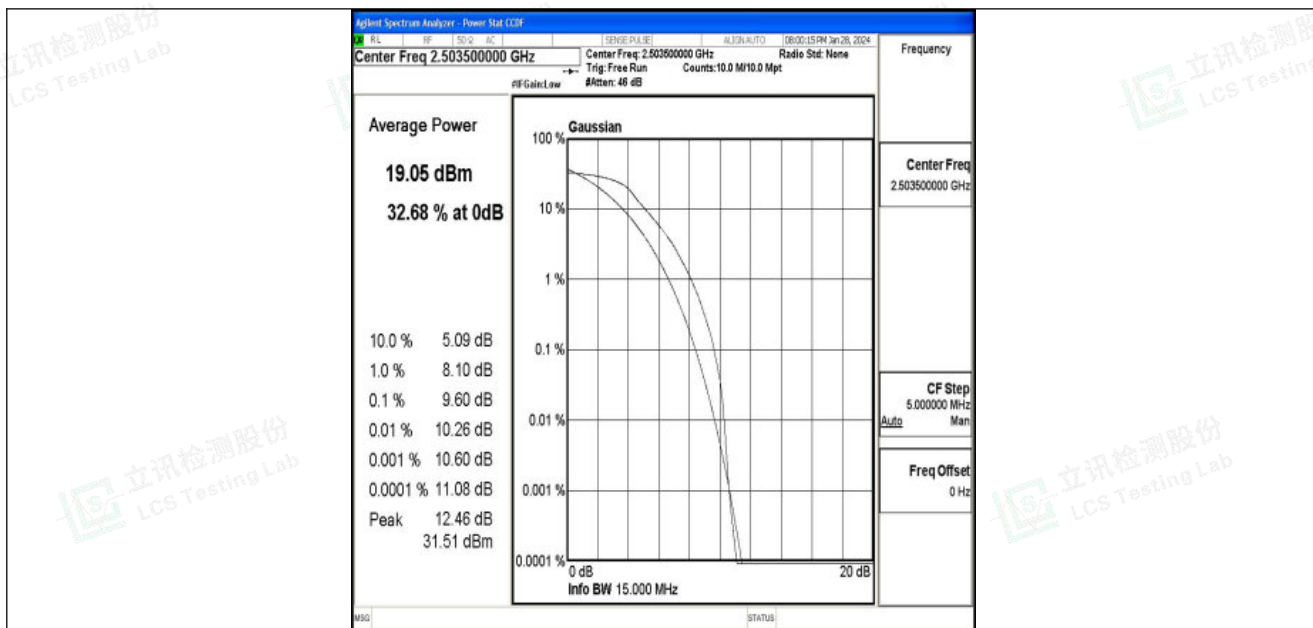
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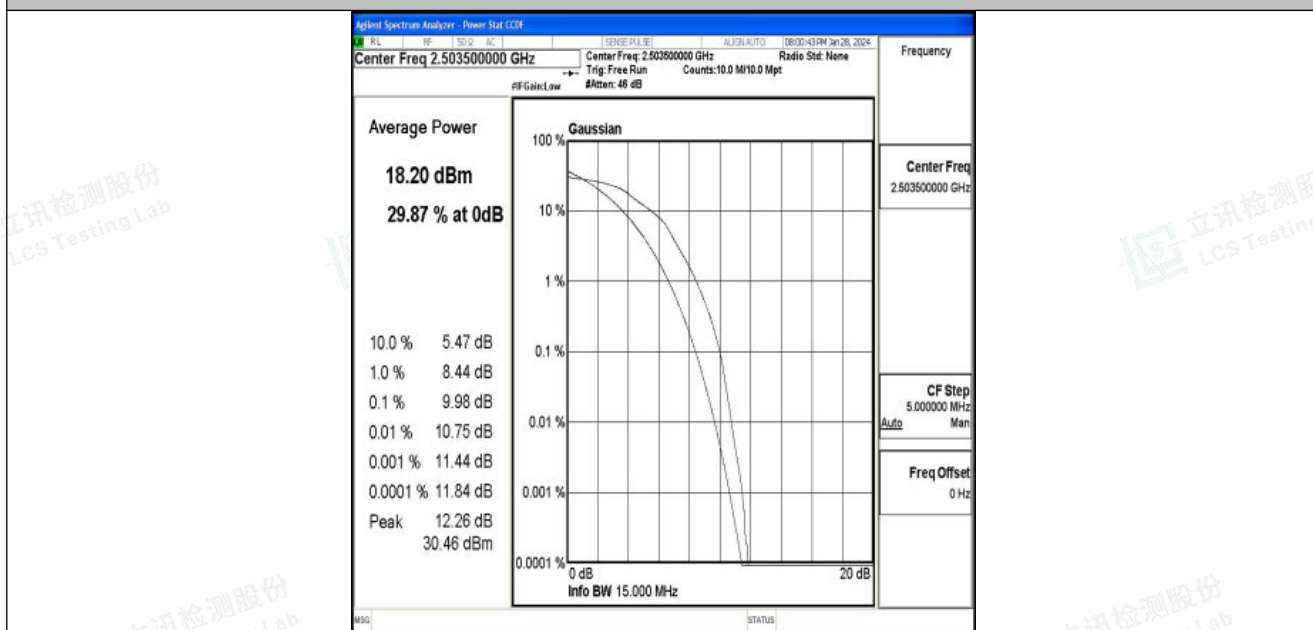
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Band41-15MHz-QPSK-39725-75RB#0-PASS



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

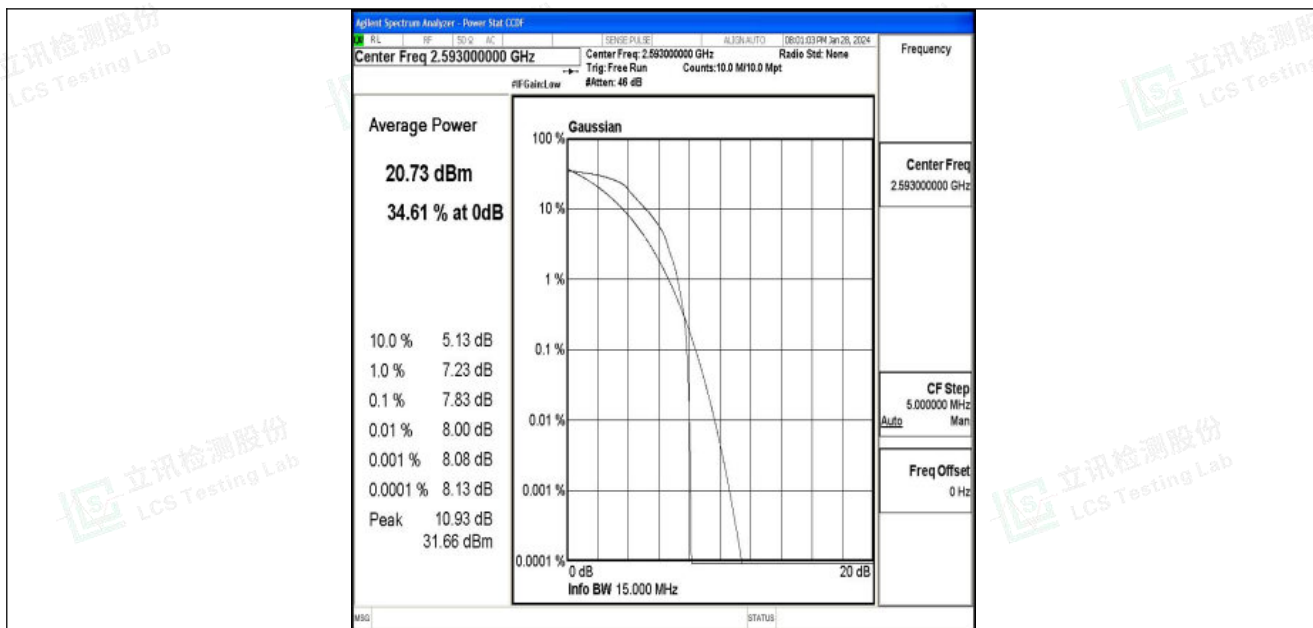


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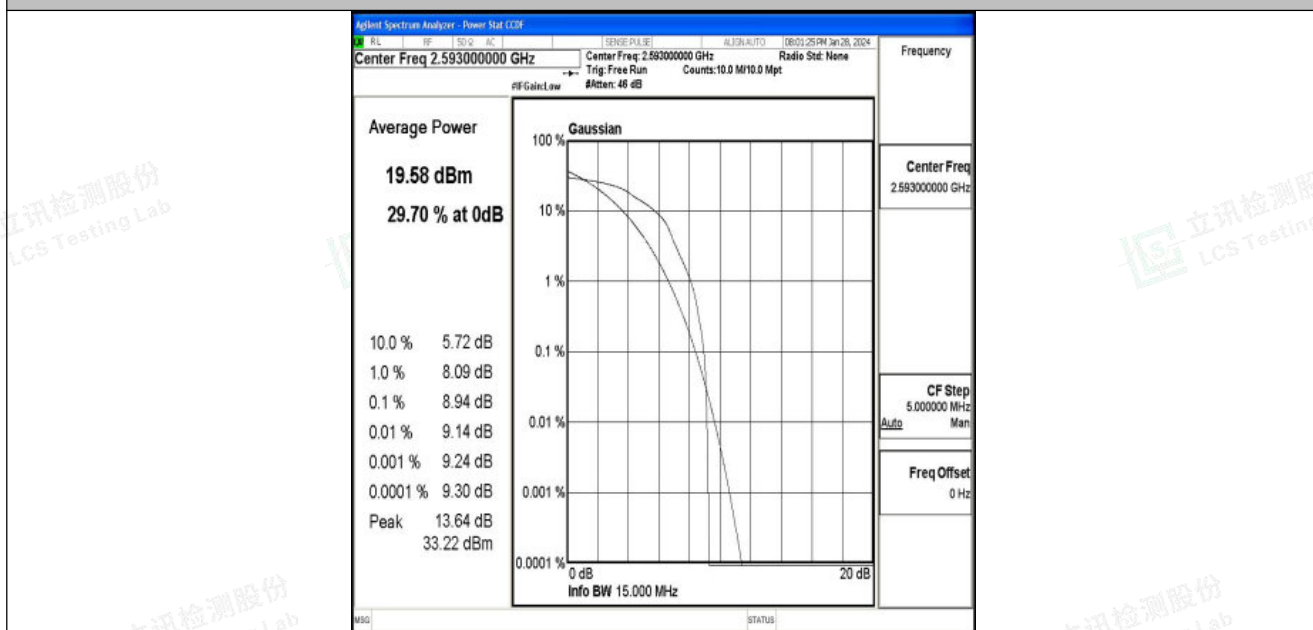
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Band41-15MHz-QPSK-40620-1RB#0-PASS



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

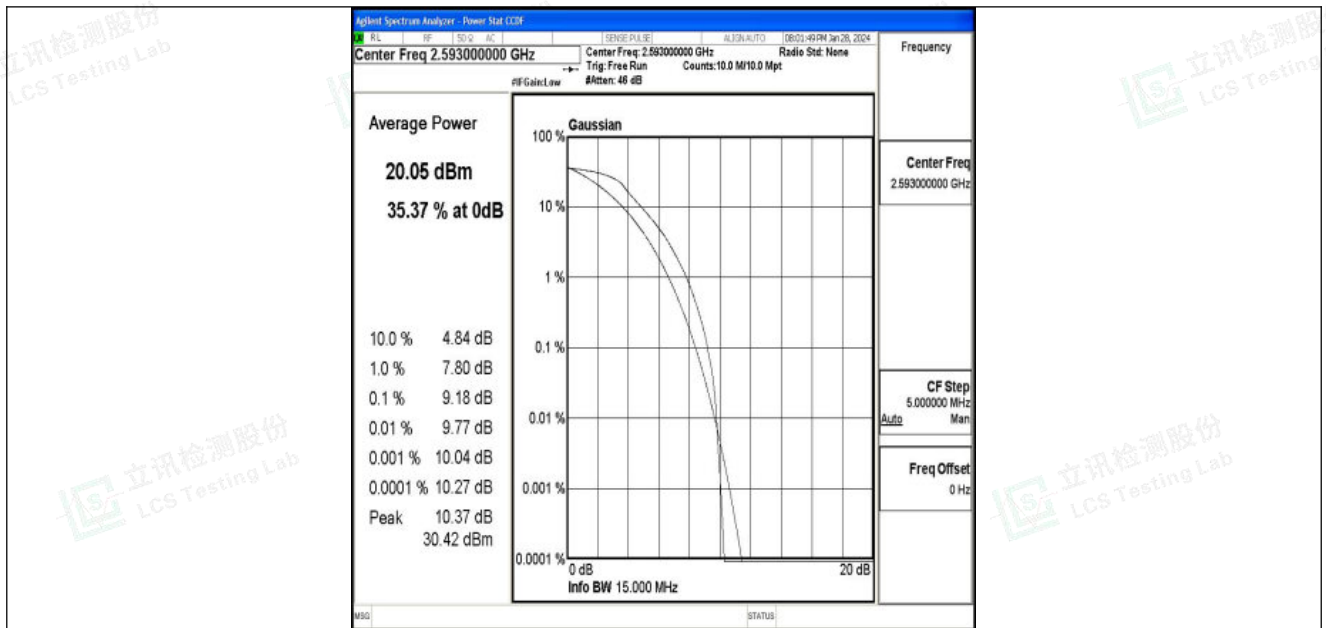


Shenzhen LCS Compliance Testing Laboratory Ltd.

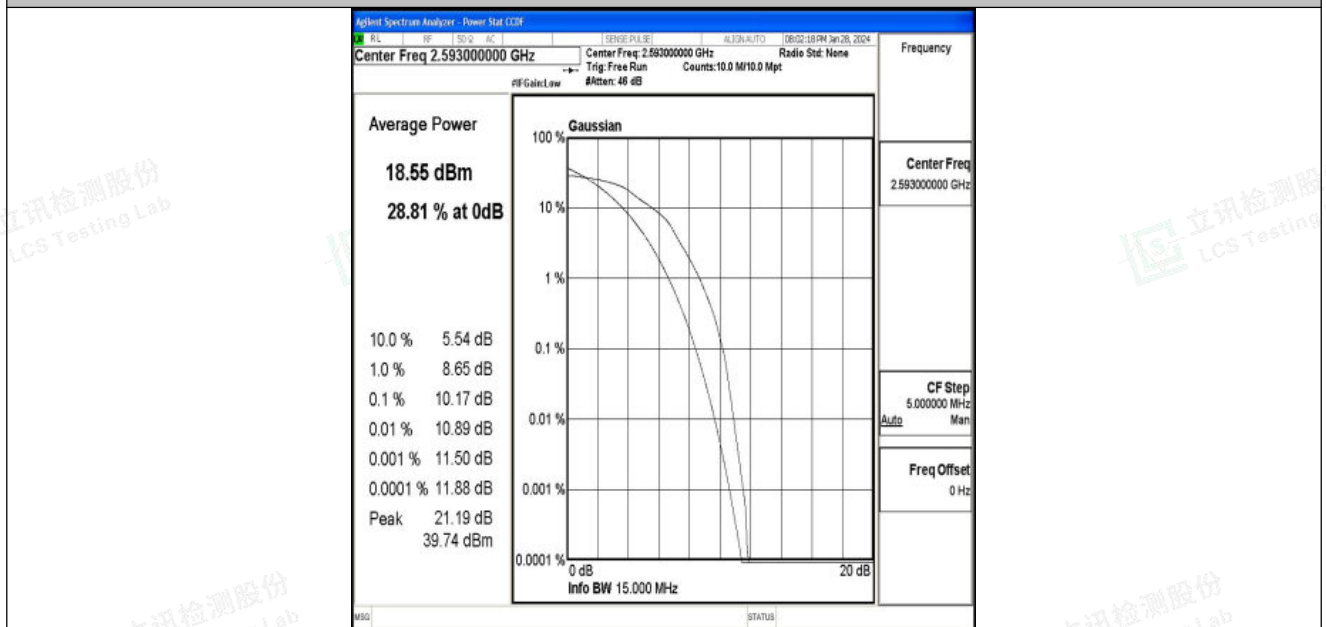
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Band41-15MHz-QPSK-40620-75RB#0-PASS



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

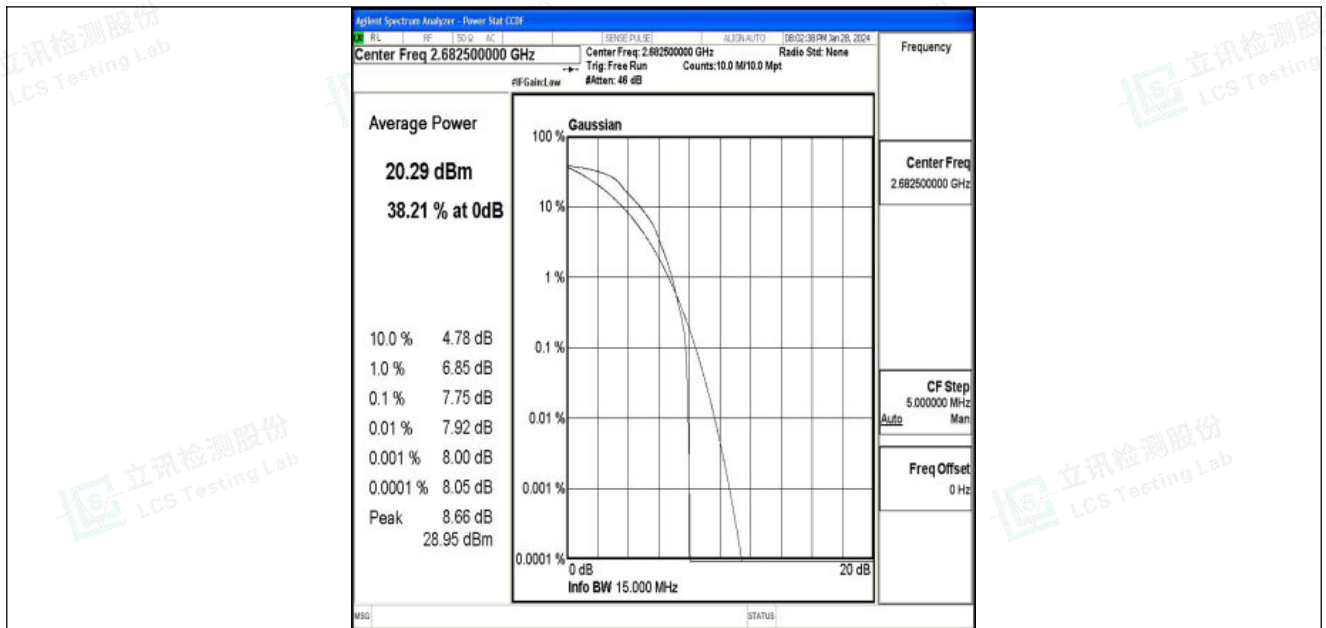


Shenzhen LCS Compliance Testing Laboratory Ltd.

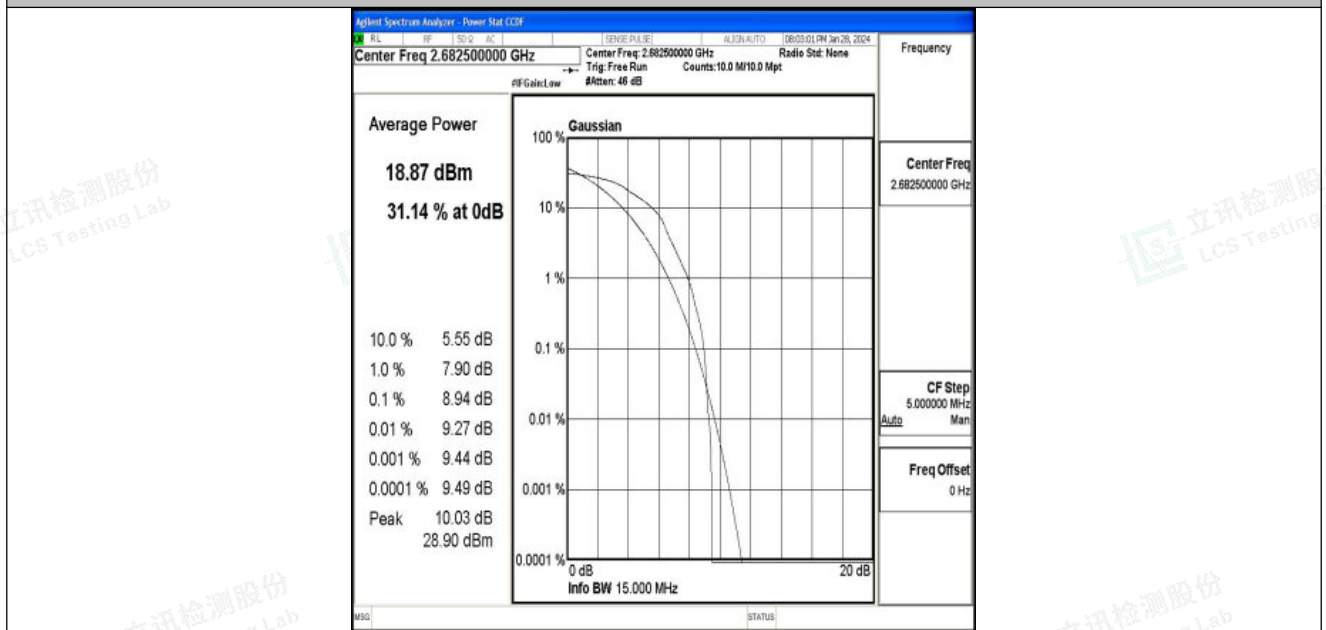
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Band41-15MHz-QPSK-41515-1RB#0-PASS



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

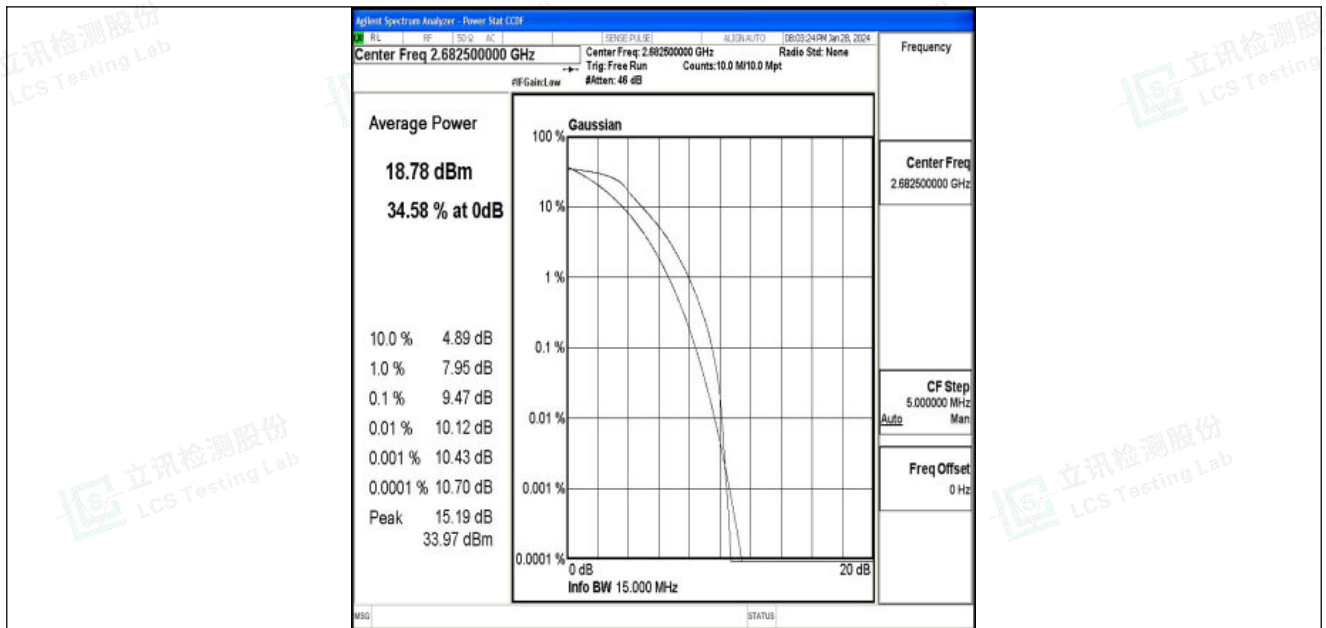


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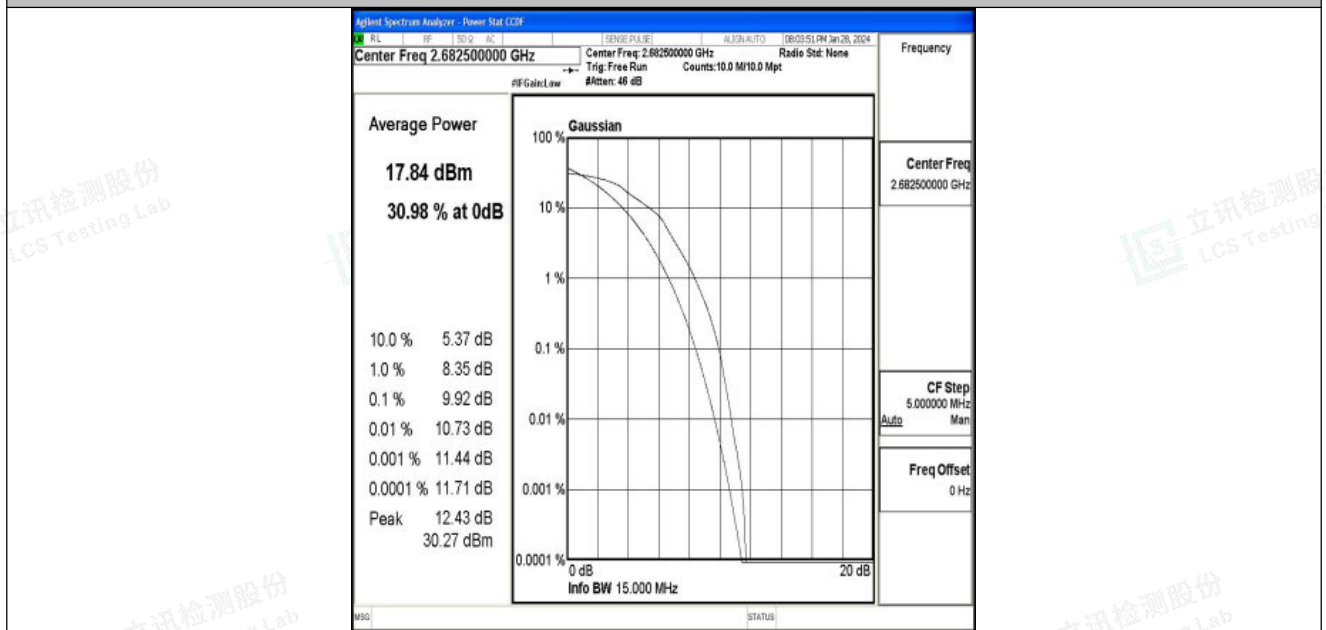
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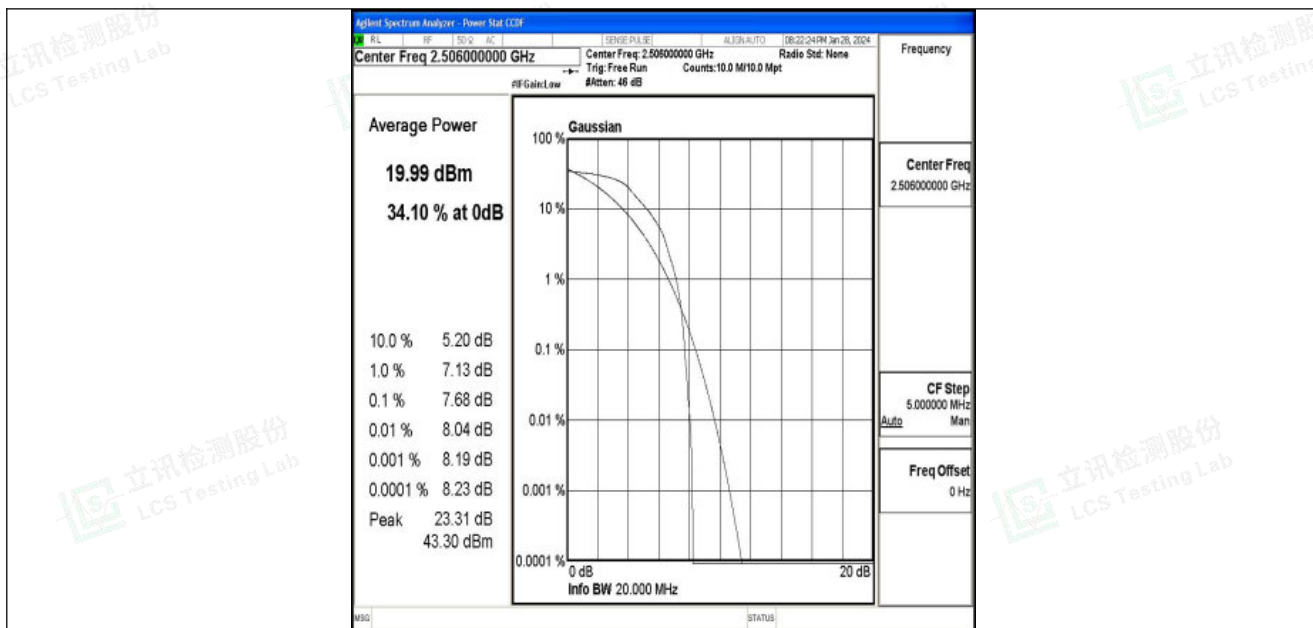


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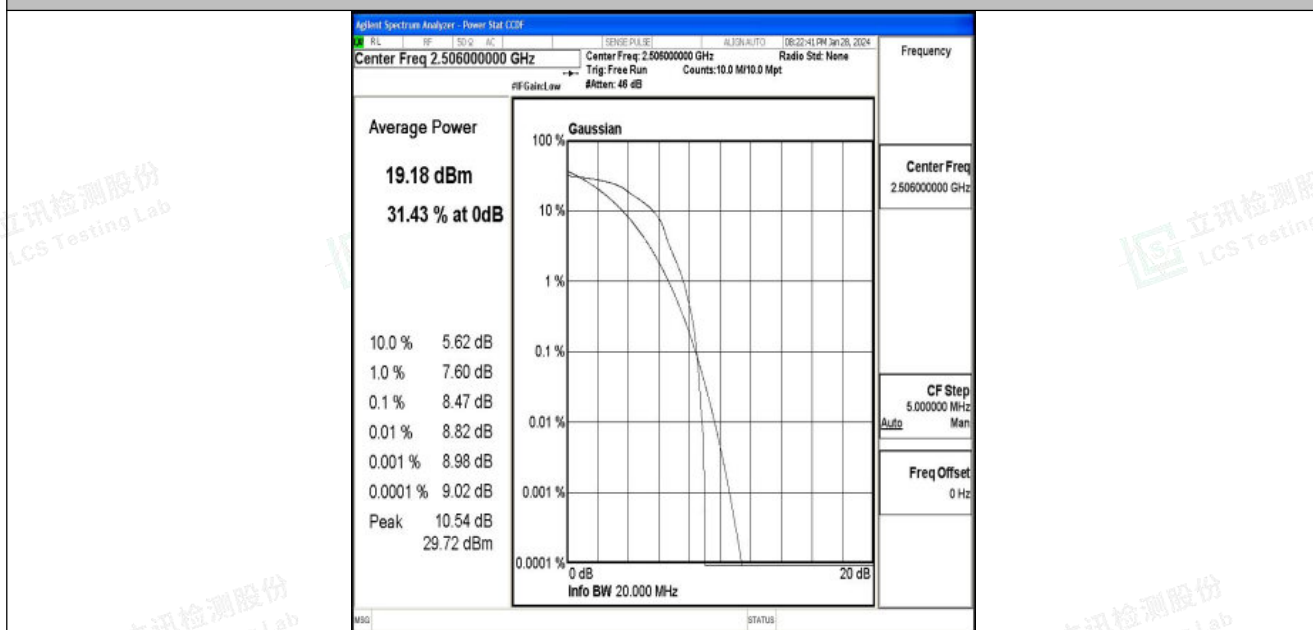


Band41-15MHz-16QAM-41515-75RB#0-PASS





Band41-20MHz-QPSK-39750-1RB#0-PASS



Band41-20MHz-16QAM-39750-1RB#0-PASS

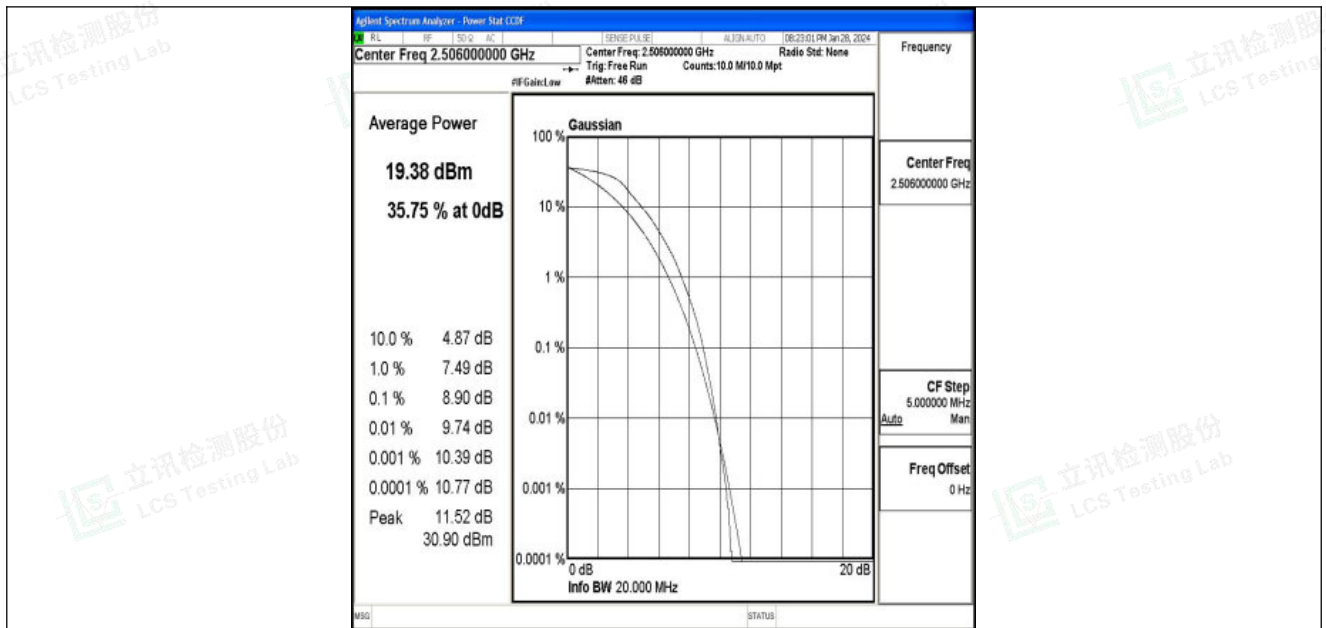


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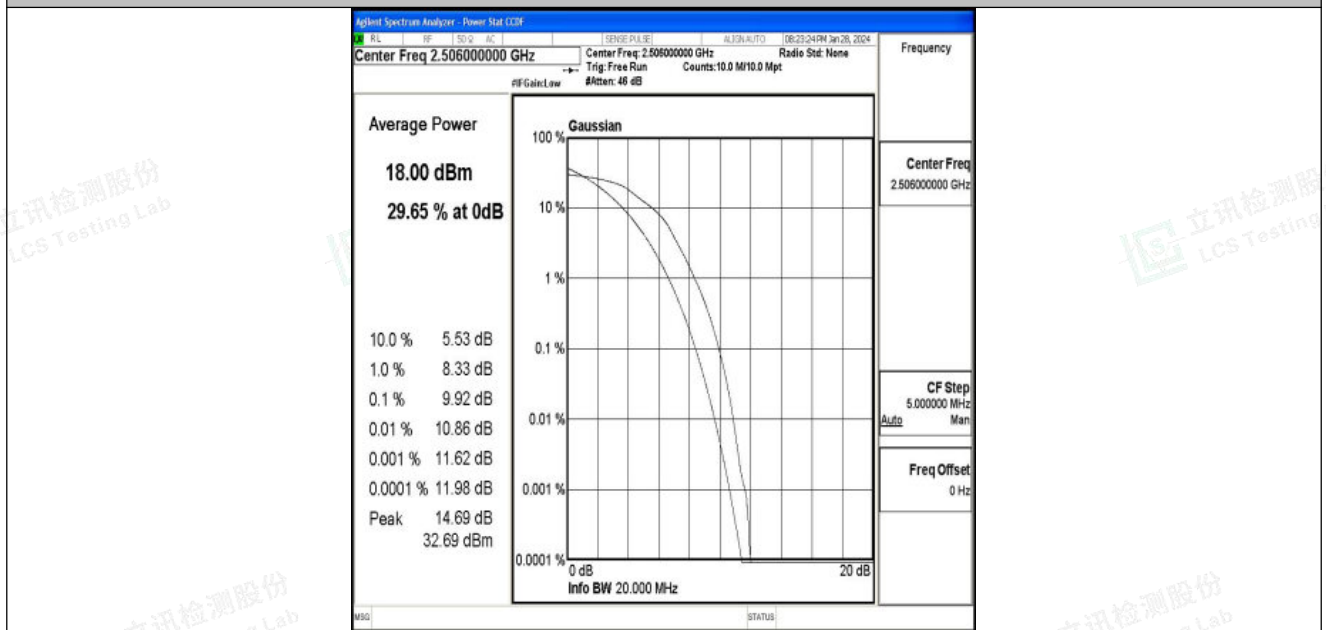
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Band41-20MHz-QPSK-39750-100RB#0-PASS



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

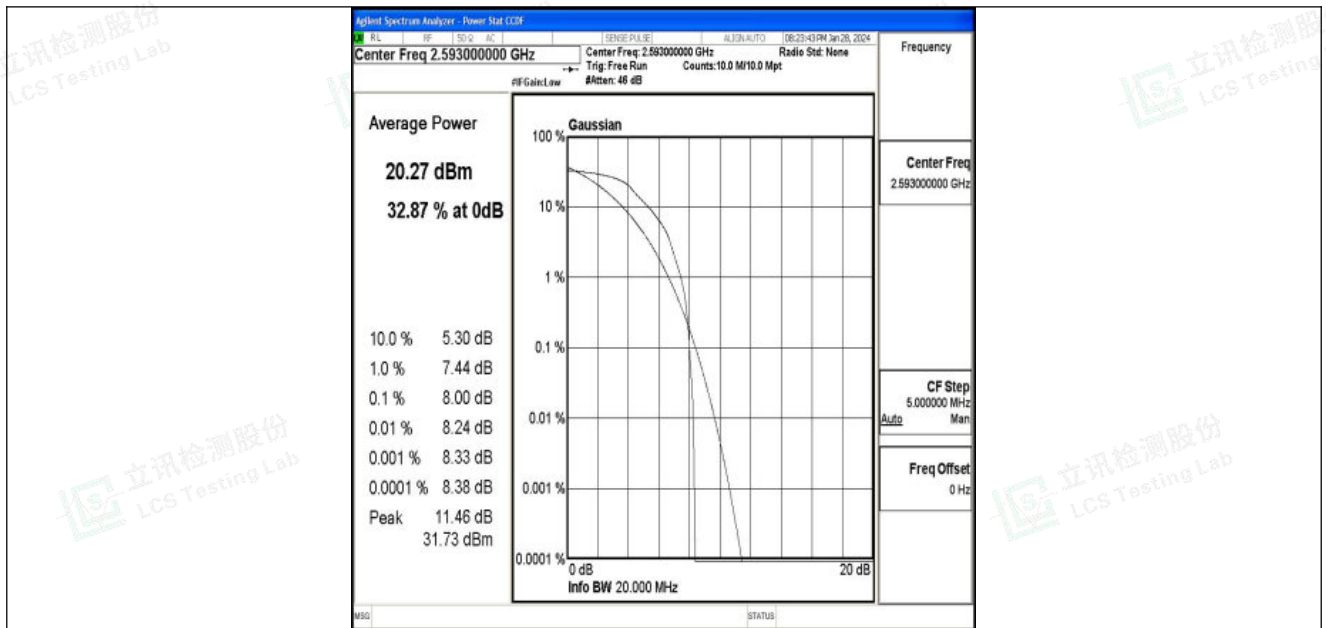


Shenzhen LCS Compliance Testing Laboratory Ltd.

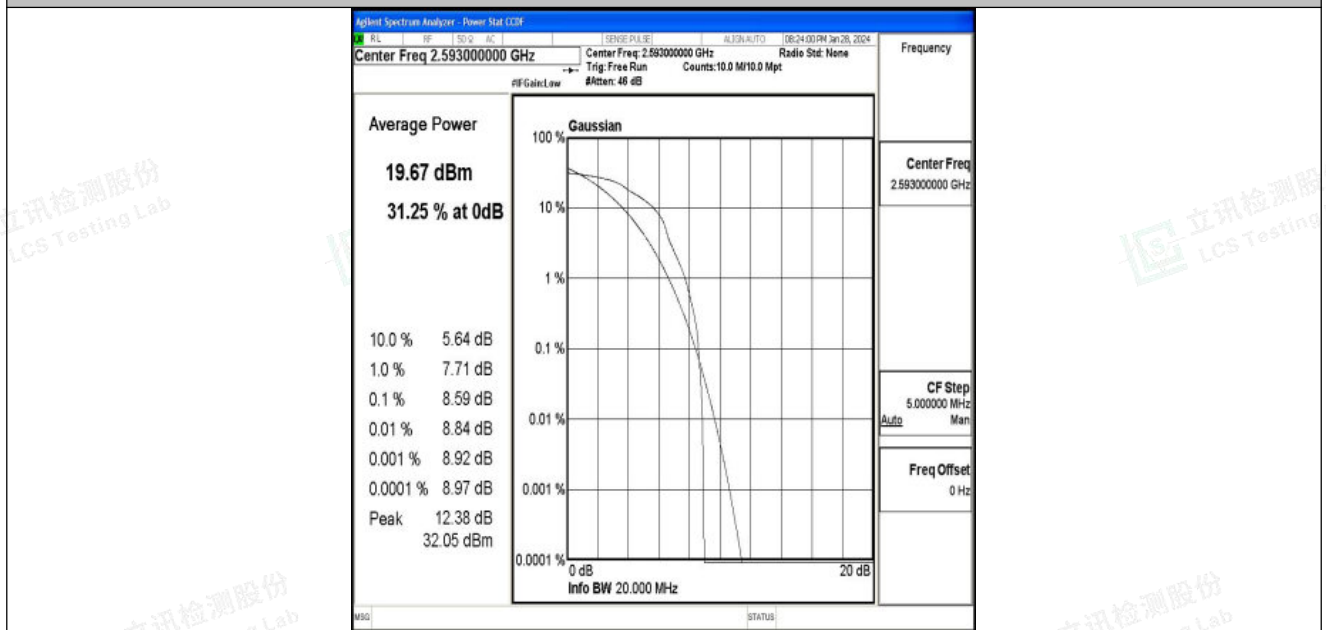
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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Band41-20MHz-QPSK-40620-1RB#0-PASS



Band41-20MHz-16QAM-40620-1RB#0-PASS

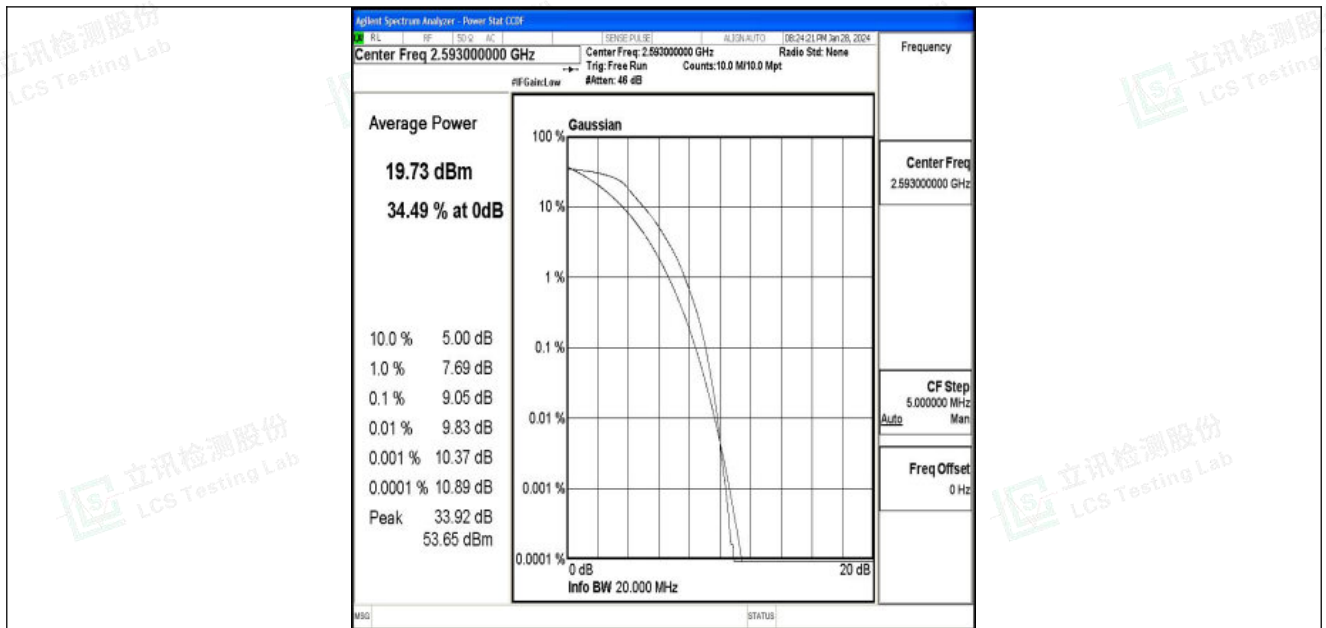


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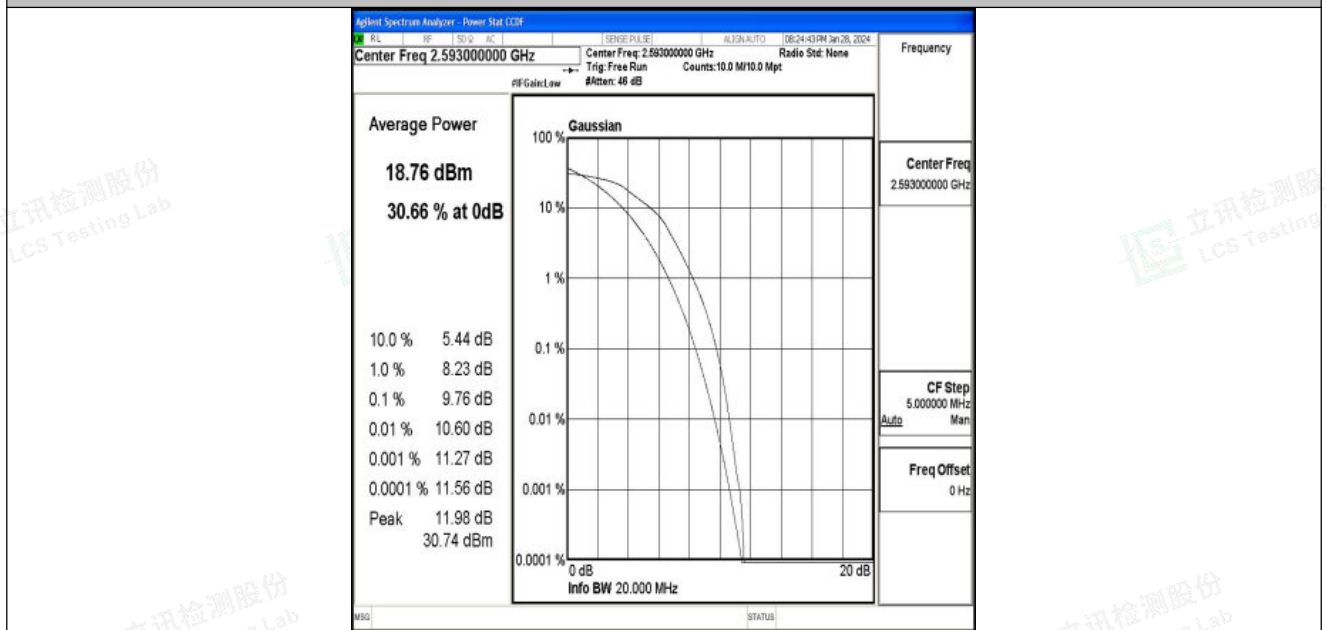
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Band41-20MHz-QPSK-40620-100RB#0-PASS



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

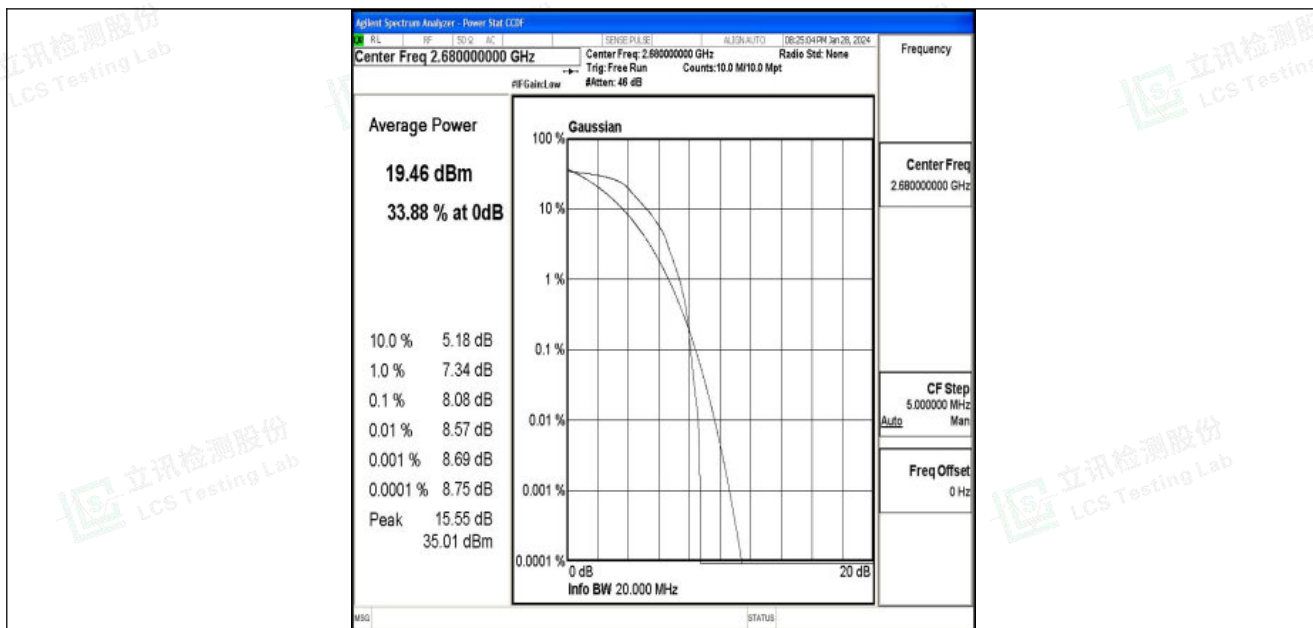


Shenzhen LCS Compliance Testing Laboratory Ltd.

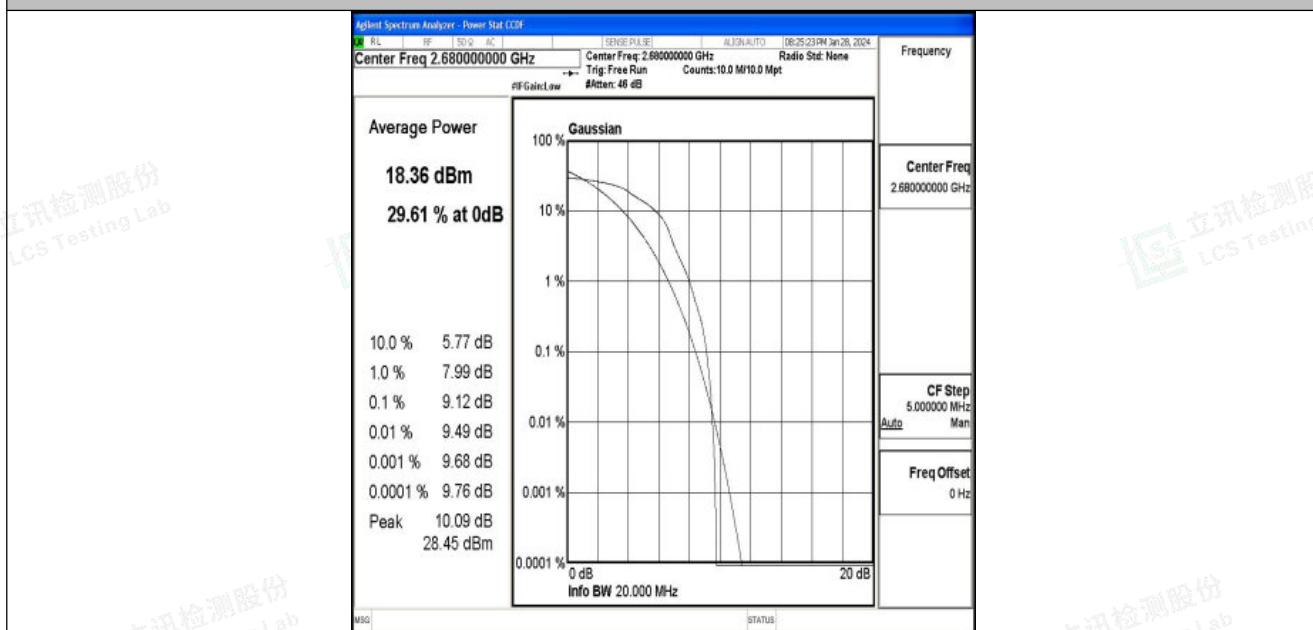
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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



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

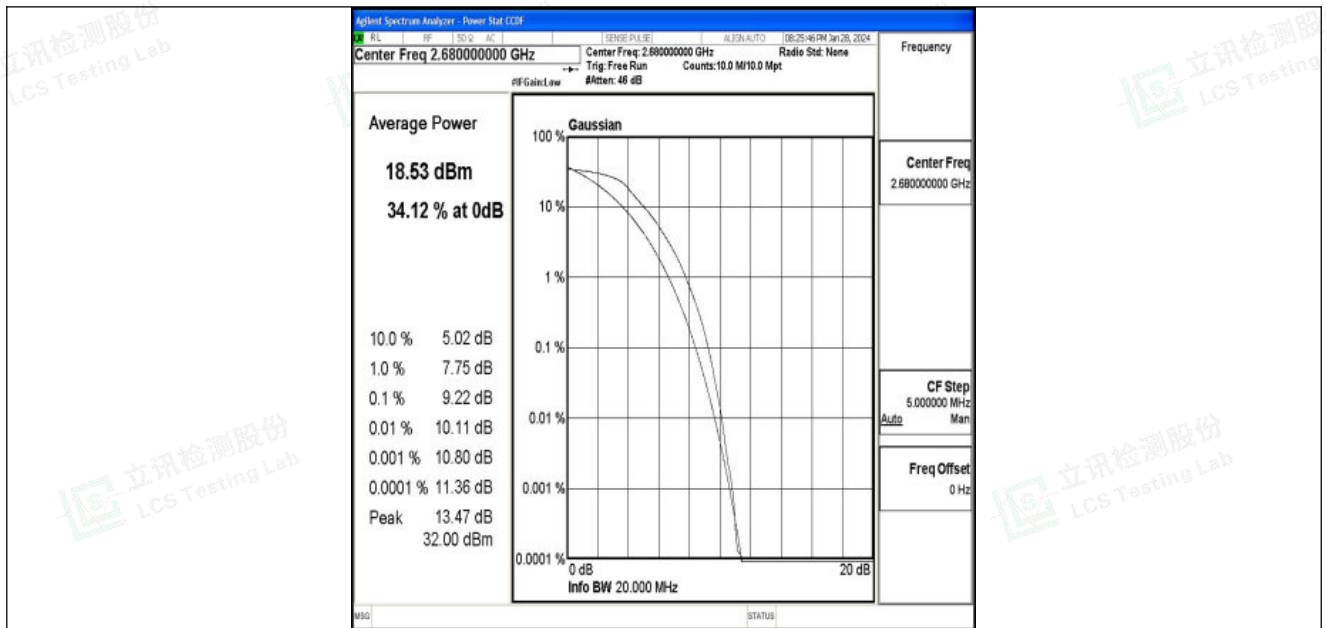


Shenzhen LCS Compliance Testing Laboratory Ltd.

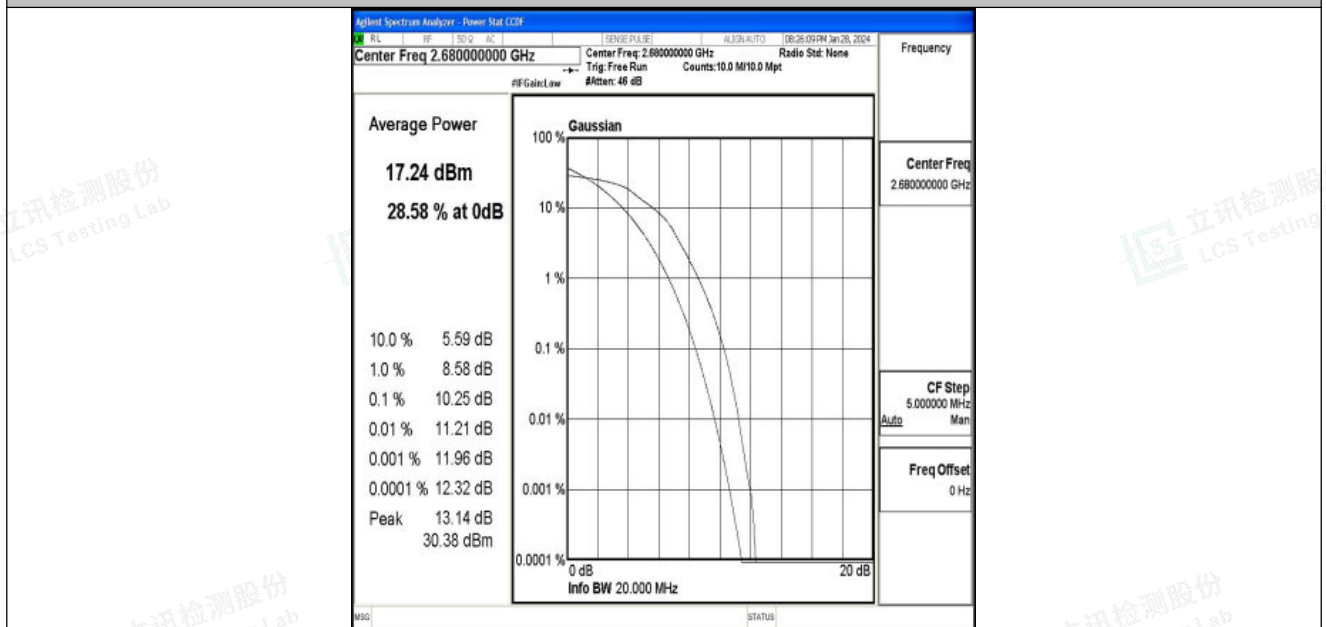
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Band41-20MHz-QPSK-41490-100RB#0-PASS



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



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C.3 26dB Bandwidth and Occupied Bandwidth

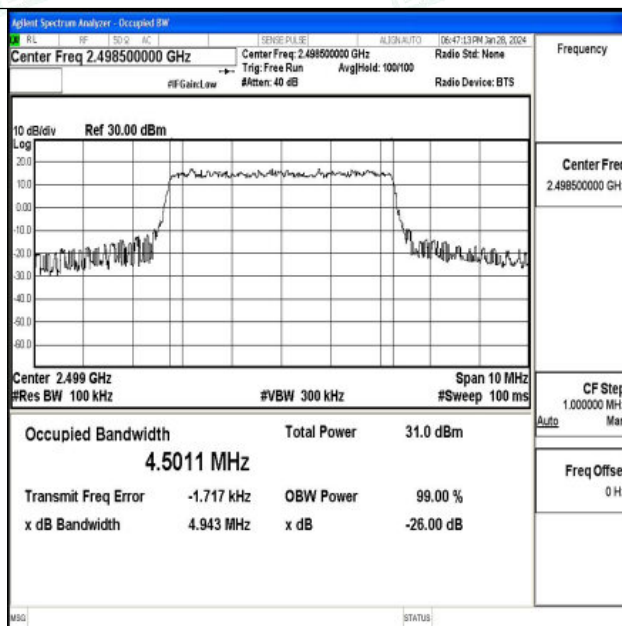
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band41	5MHz	QPSK	39675	25RB#0	4.5011	4.943	PASS
Band41	5MHz	16QAM	39675	25RB#0	4.4914	5.253	PASS
Band41	5MHz	QPSK	40620	25RB#0	4.4930	4.902	PASS
Band41	5MHz	16QAM	40620	25RB#0	4.4955	5.113	PASS
Band41	5MHz	QPSK	41565	25RB#0	4.4966	5.113	PASS
Band41	5MHz	16QAM	41565	25RB#0	4.4862	5.097	PASS
Band41	10MHz	QPSK	39700	50RB#0	8.9907	10.64	PASS
Band41	10MHz	16QAM	39700	50RB#0	8.9788	9.900	PASS
Band41	10MHz	QPSK	40620	50RB#0	8.9751	10.58	PASS
Band41	10MHz	16QAM	40620	50RB#0	8.9756	9.807	PASS
Band41	10MHz	QPSK	41540	50RB#0	8.9728	10.000	PASS
Band41	10MHz	16QAM	41540	50RB#0	9.0003	10.42	PASS
Band41	15MHz	QPSK	39725	75RB#0	13.473	16.44	PASS
Band41	15MHz	16QAM	39725	75RB#0	13.555	17.67	PASS
Band41	15MHz	QPSK	40620	75RB#0	13.492	15.18	PASS
Band41	15MHz	16QAM	40620	75RB#0	13.478	15.20	PASS
Band41	15MHz	QPSK	41515	75RB#0	13.514	15.16	PASS
Band41	15MHz	16QAM	41515	75RB#0	13.498	15.16	PASS
Band41	20MHz	QPSK	39750	100RB#0	18.013	19.66	PASS
Band41	20MHz	16QAM	39750	100RB#0	17.941	20.44	PASS
Band41	20MHz	QPSK	40620	100RB#0	17.945	19.84	PASS
Band41	20MHz	16QAM	40620	100RB#0	17.904	19.77	PASS
Band41	20MHz	QPSK	41490	100RB#0	17.931	19.85	PASS
Band41	20MHz	16QAM	41490	100RB#0	17.933	19.36	PASS

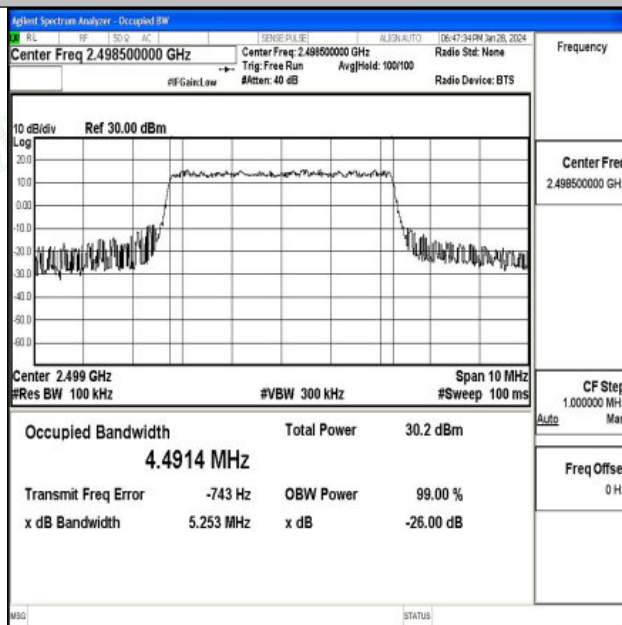




Test Graphs



Band41-5MHz-QPSK-39675-25RB#0-PASS



Band41-5MHz-16QAM-39675-25RB#0-PASS

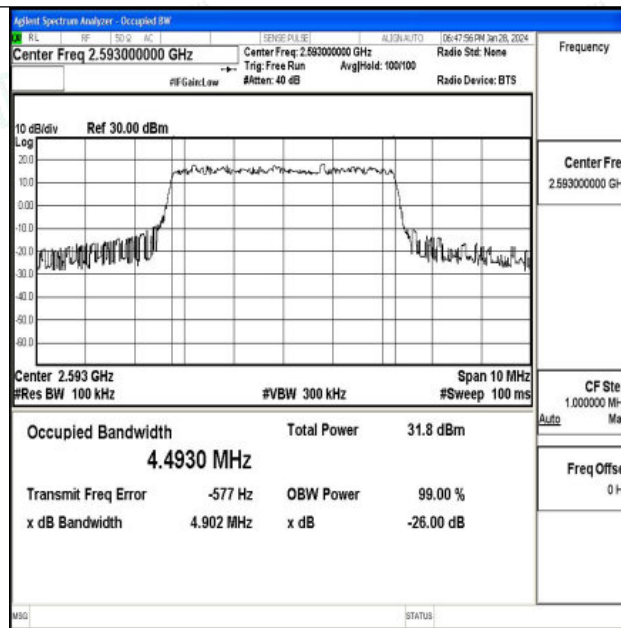


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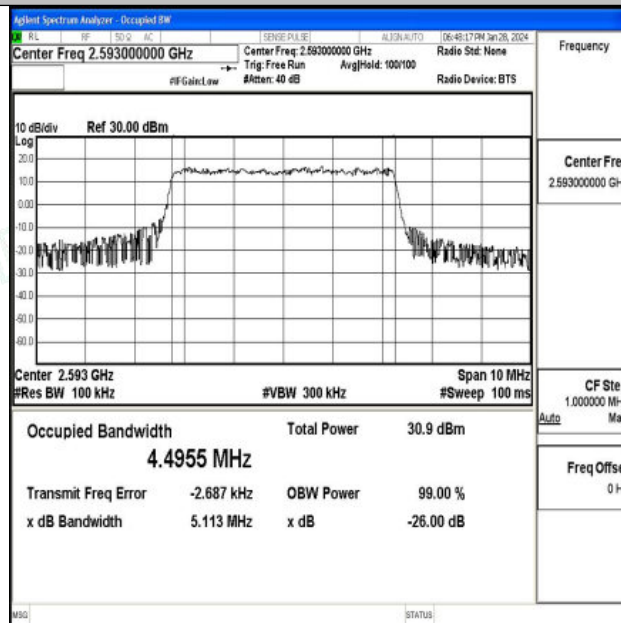
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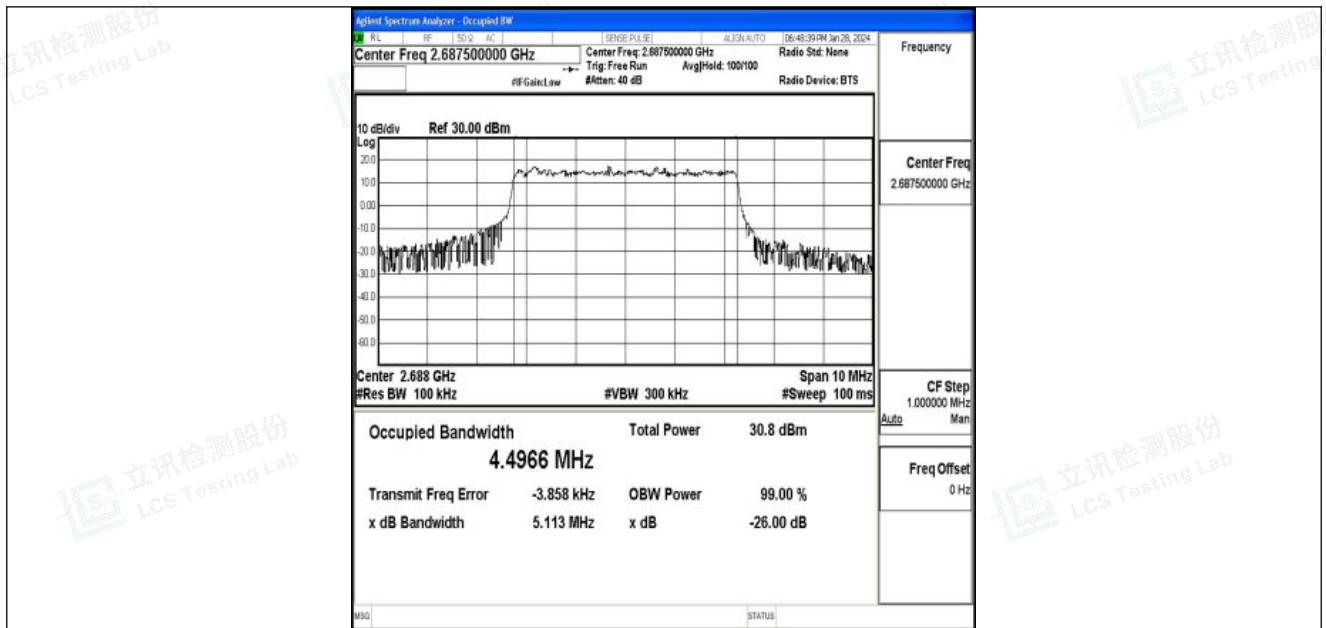


Band41-5MHz-QPSK-40620-25RB#0-PASS

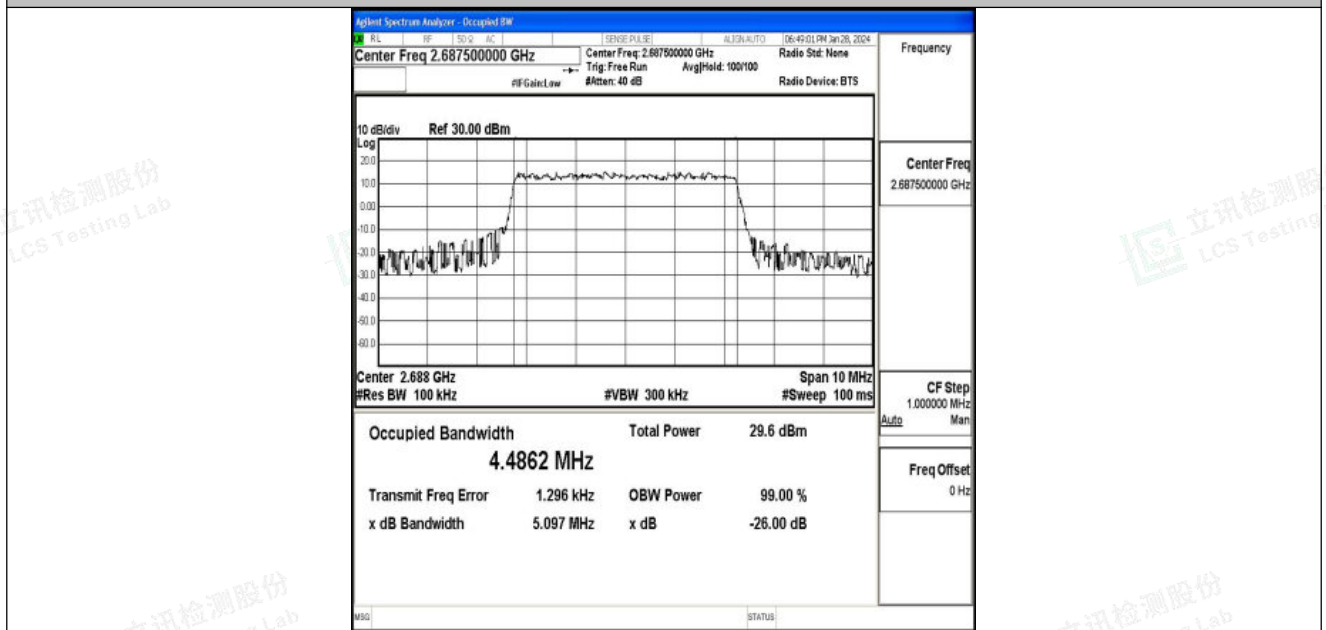


Band41-5MHz-16QAM-40620-25RB#0-PASS





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



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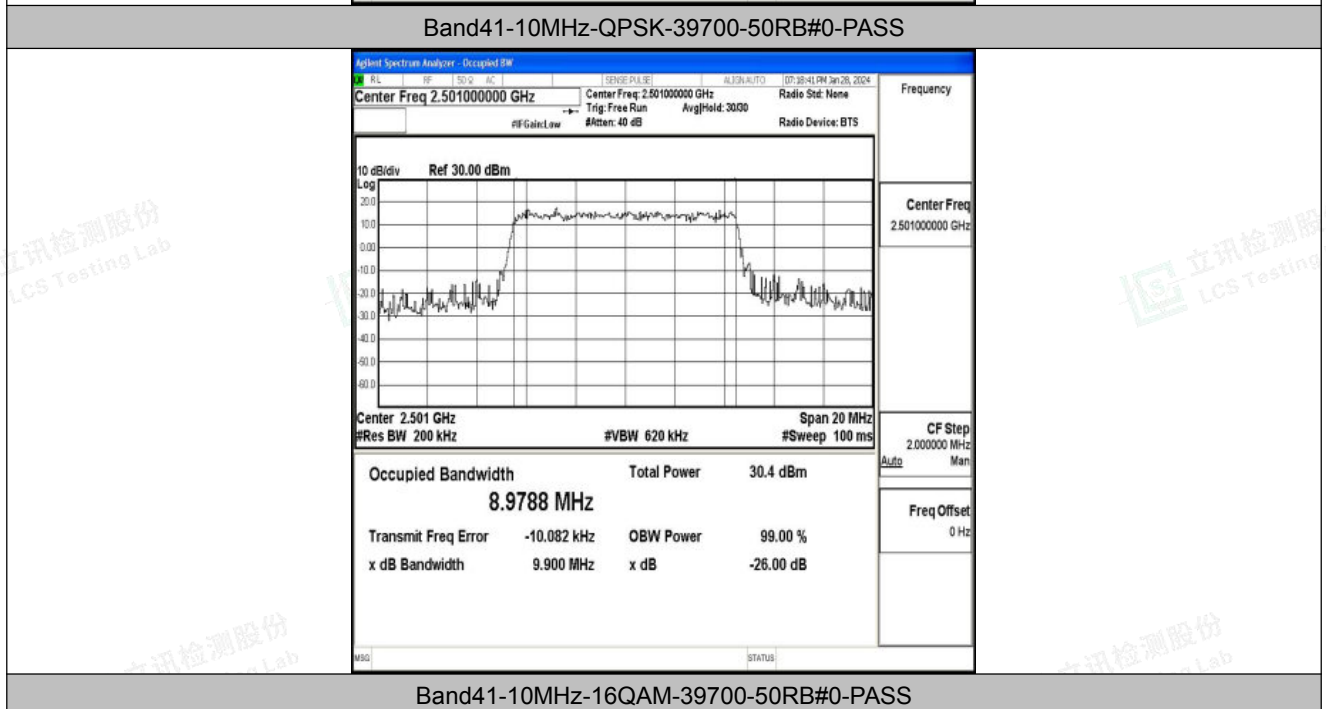
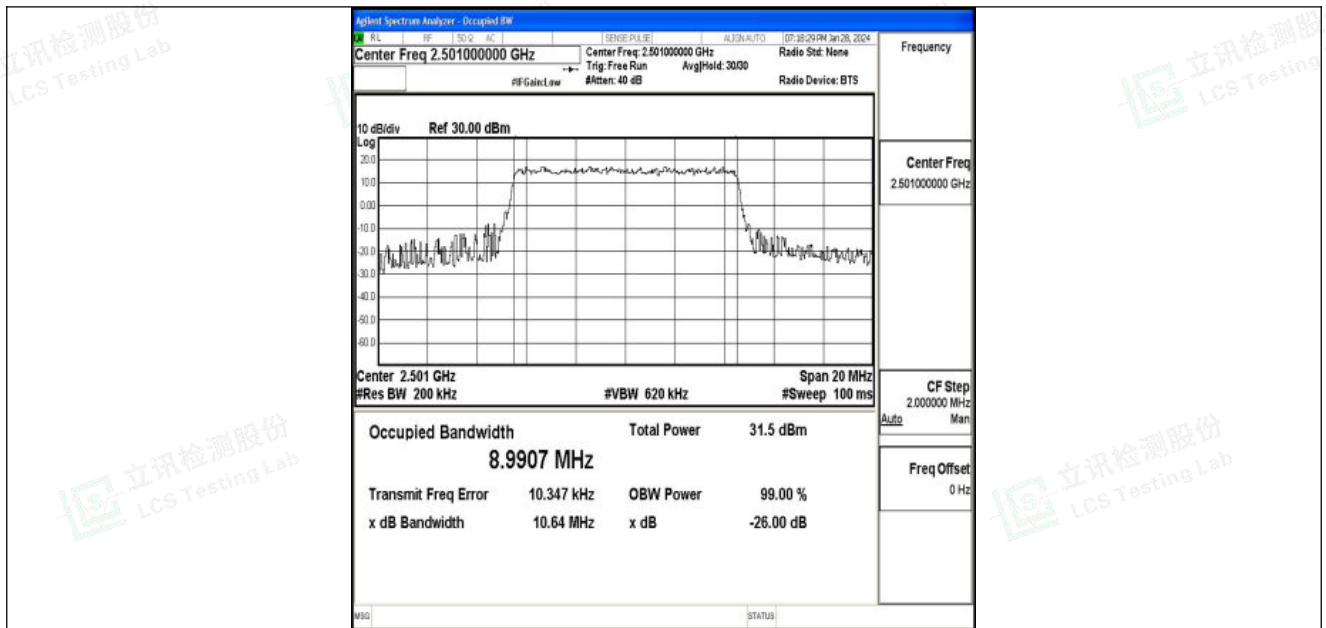


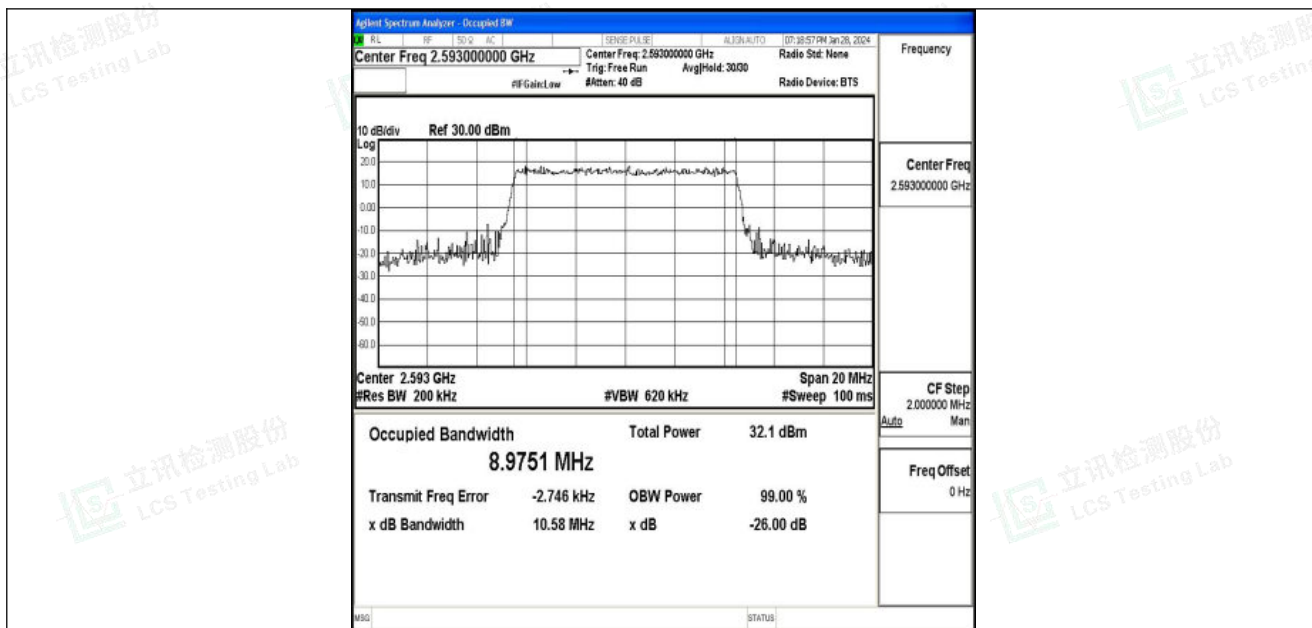
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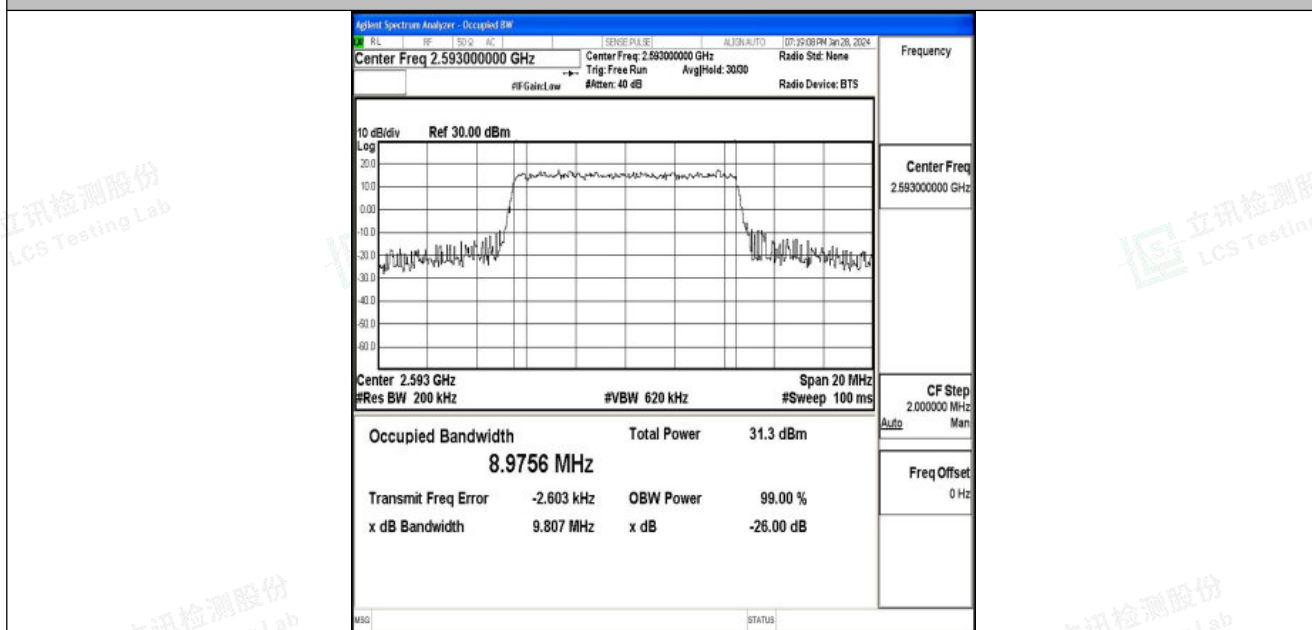
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Band41-10MHz-QPSK-40620-50RB#0-PASS



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

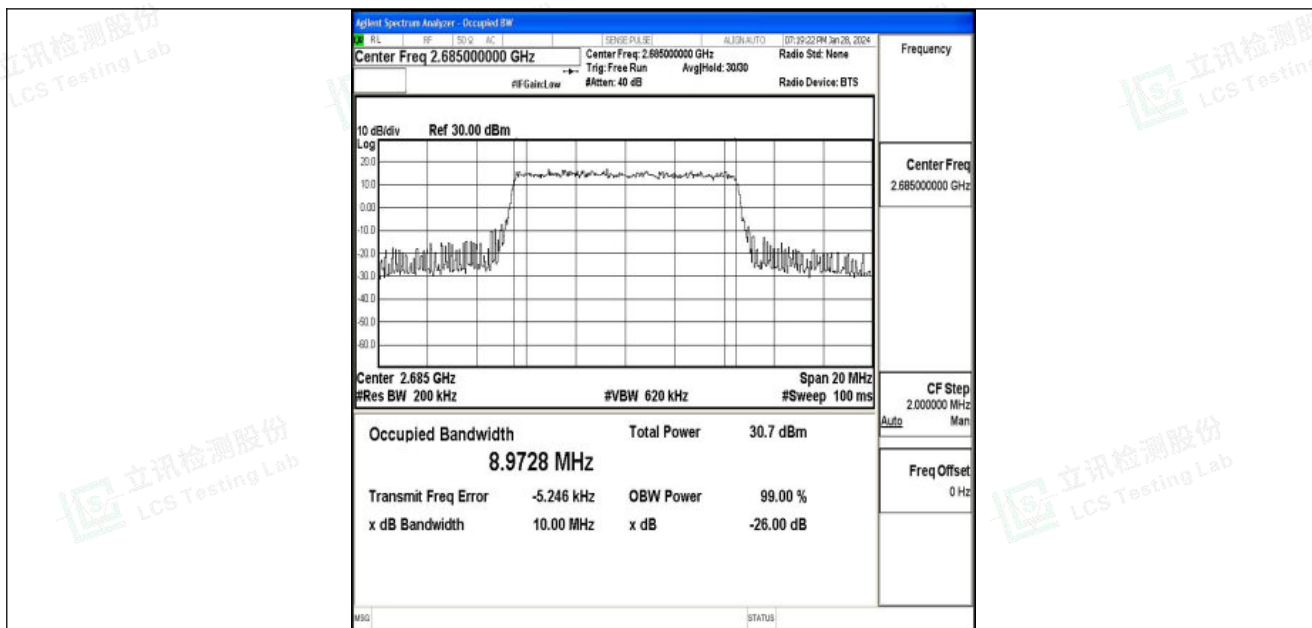


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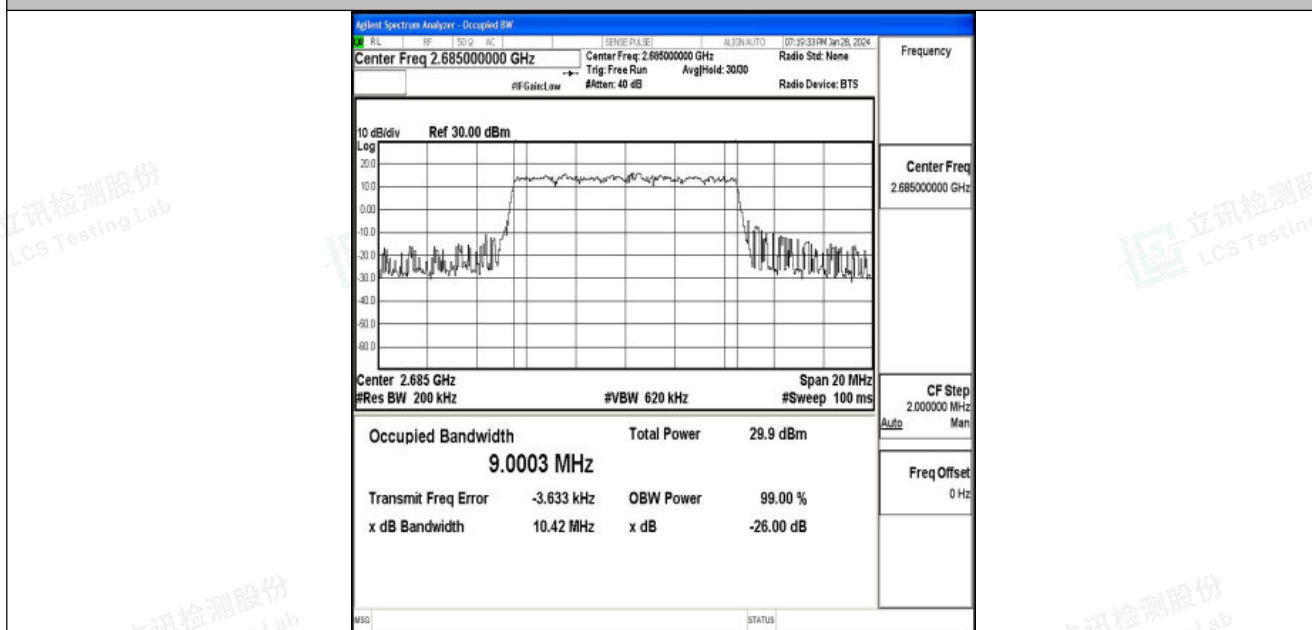
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Band41-10MHz-QPSK-41540-50RB#0-PASS



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

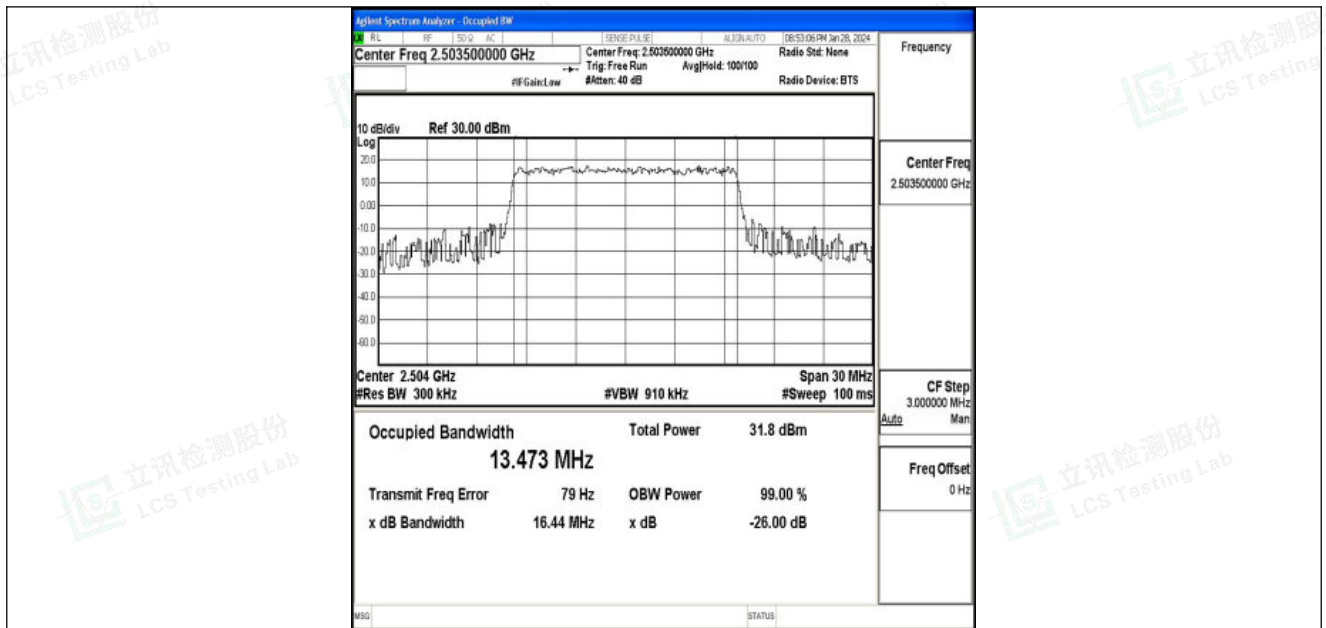


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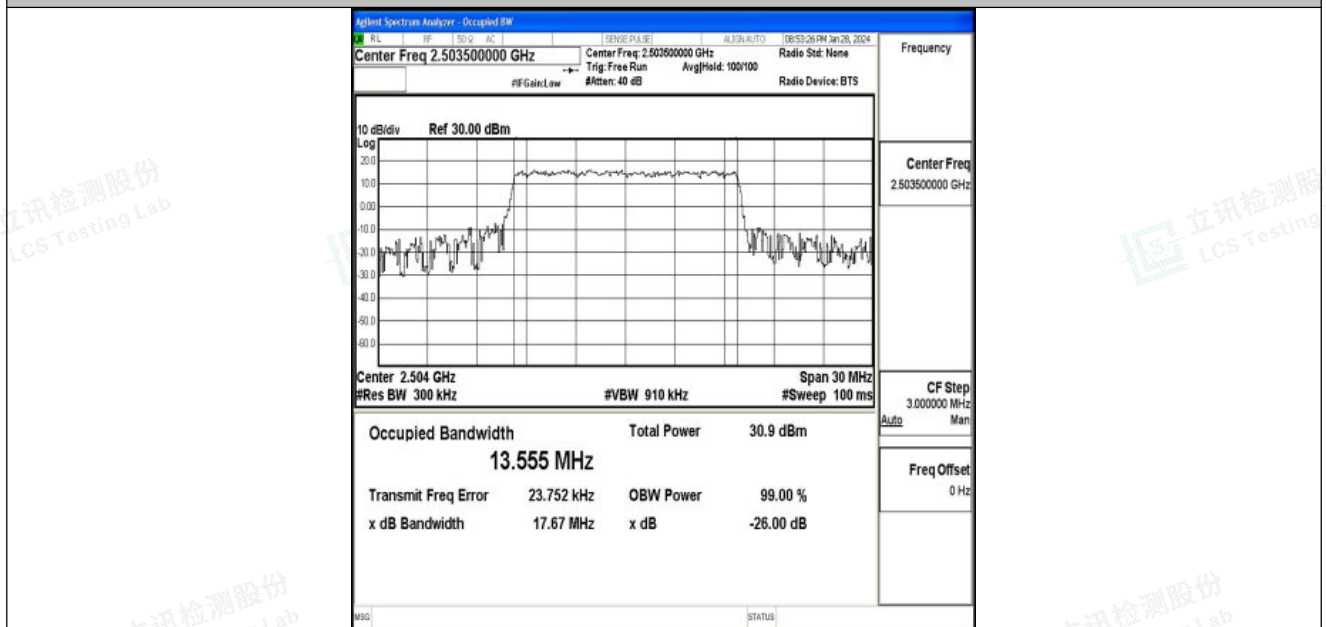
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Band41-15MHz-QPSK-39725-75RB#0-PASS



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

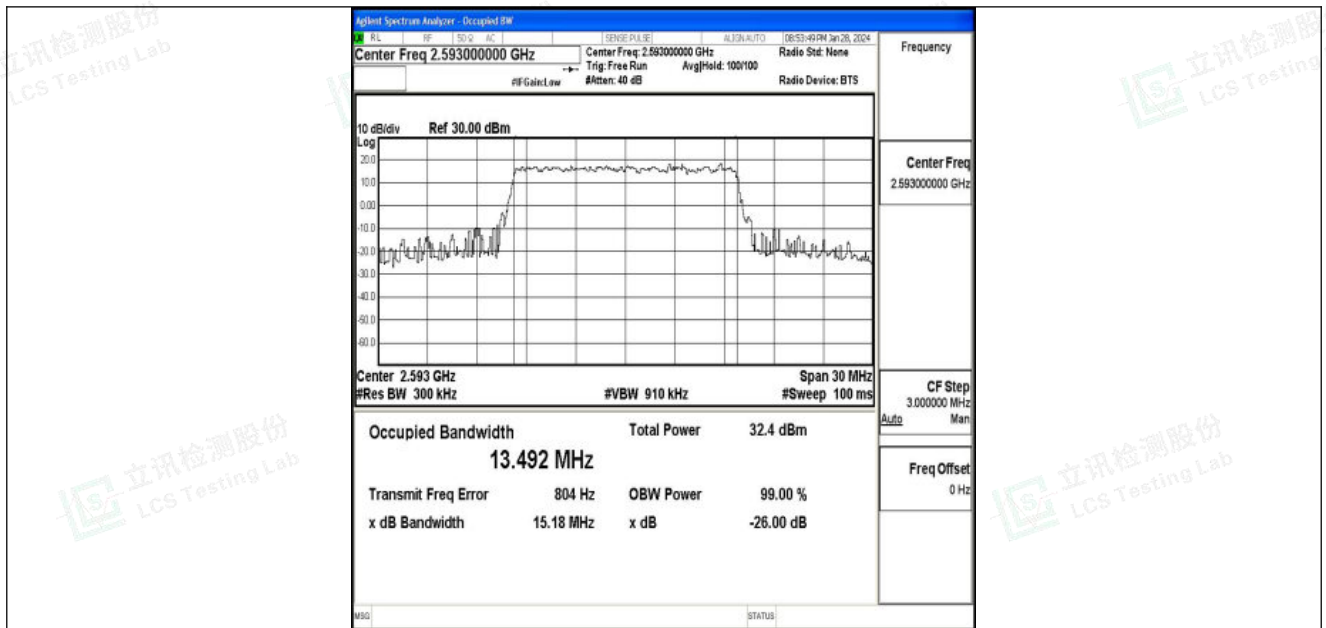


Shenzhen LCS Compliance Testing Laboratory Ltd.

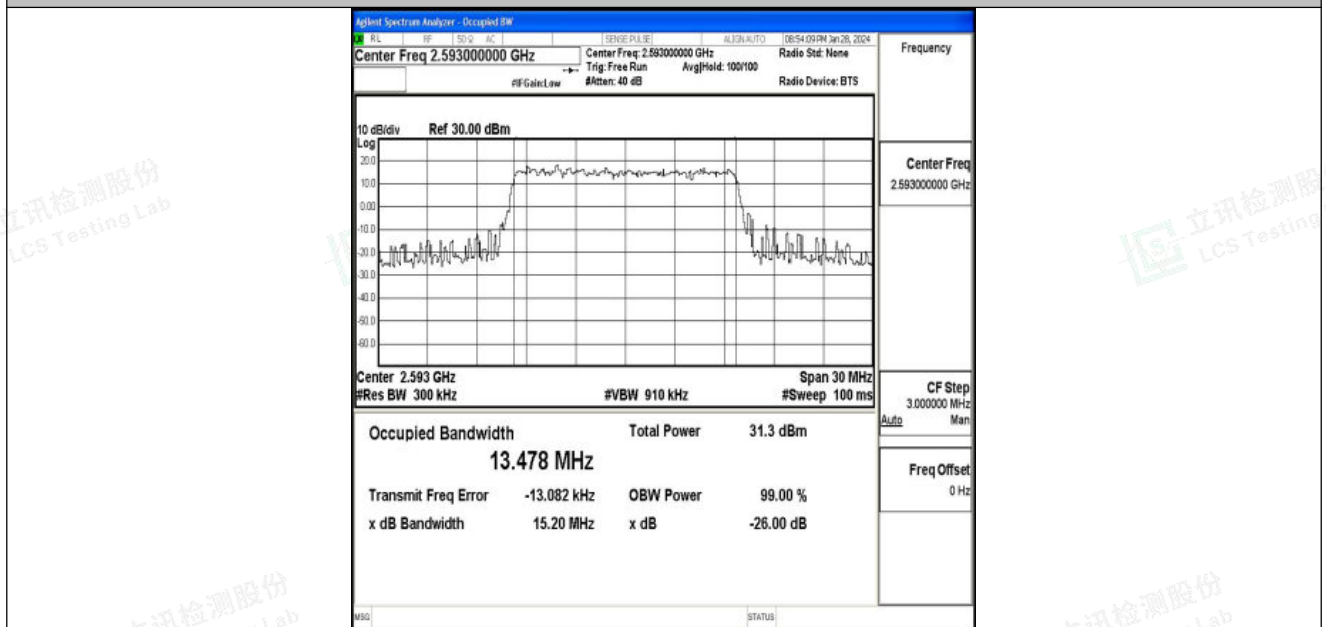
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Band41-15MHz-QPSK-40620-75RB#0-PASS



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

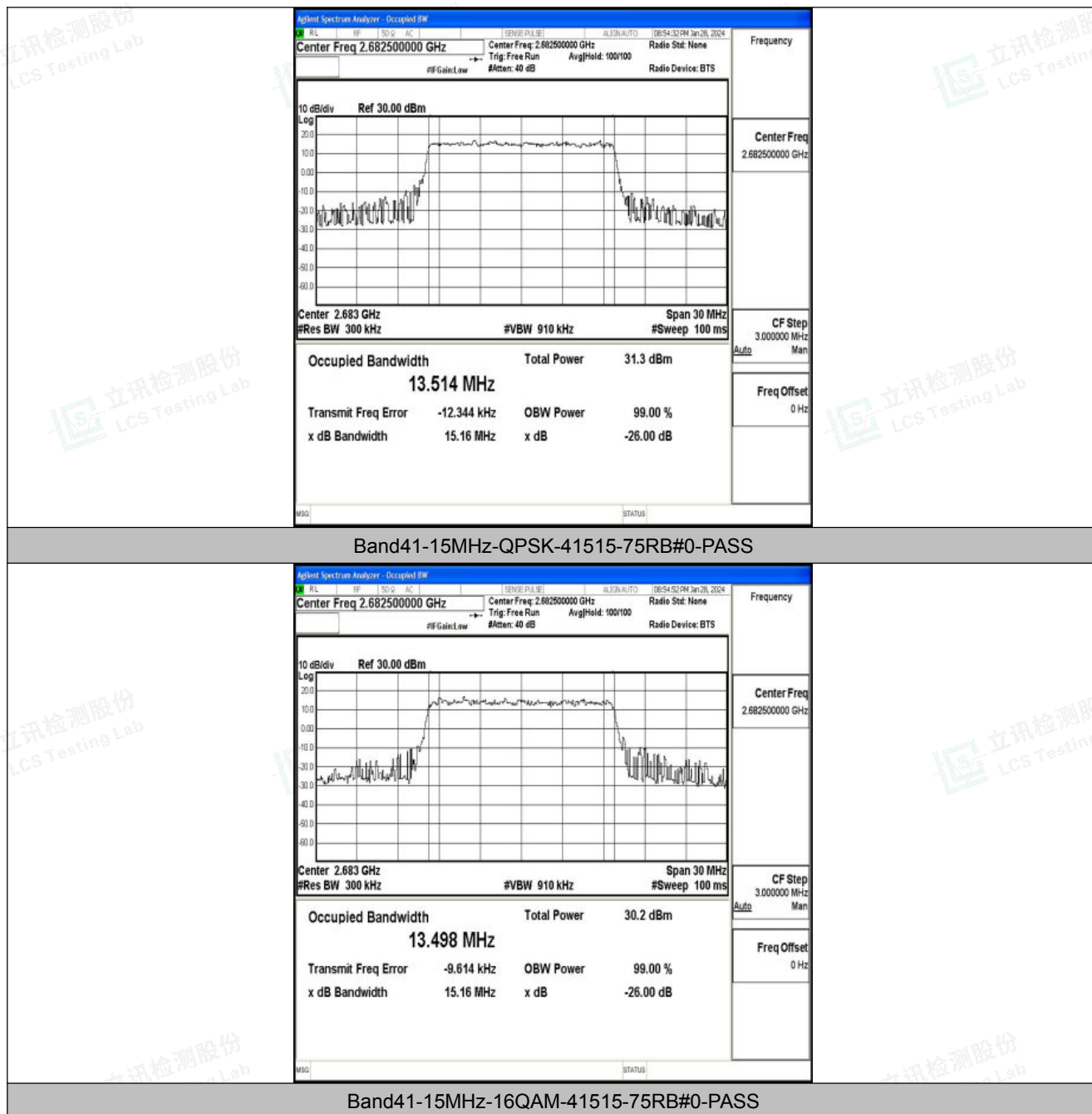


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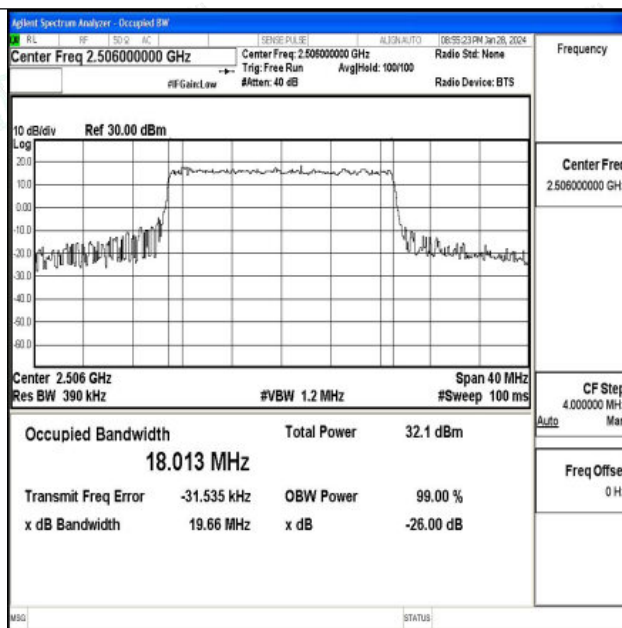


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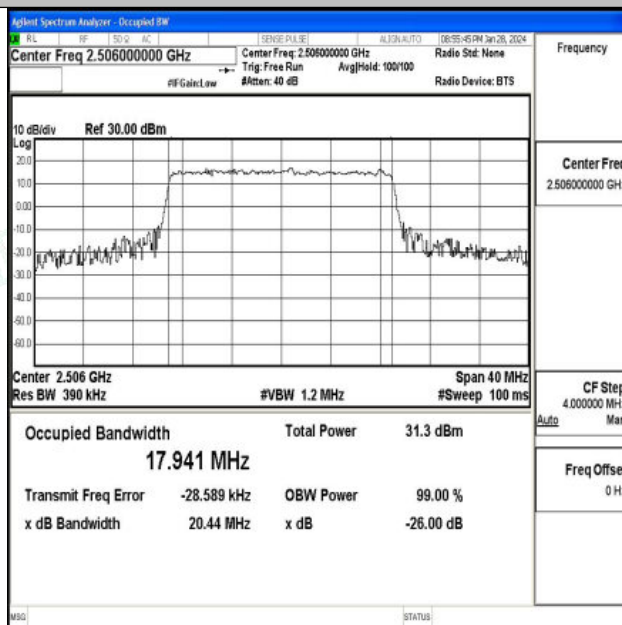
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Band41-20MHz-QPSK-39750-100RB#0-PASS



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

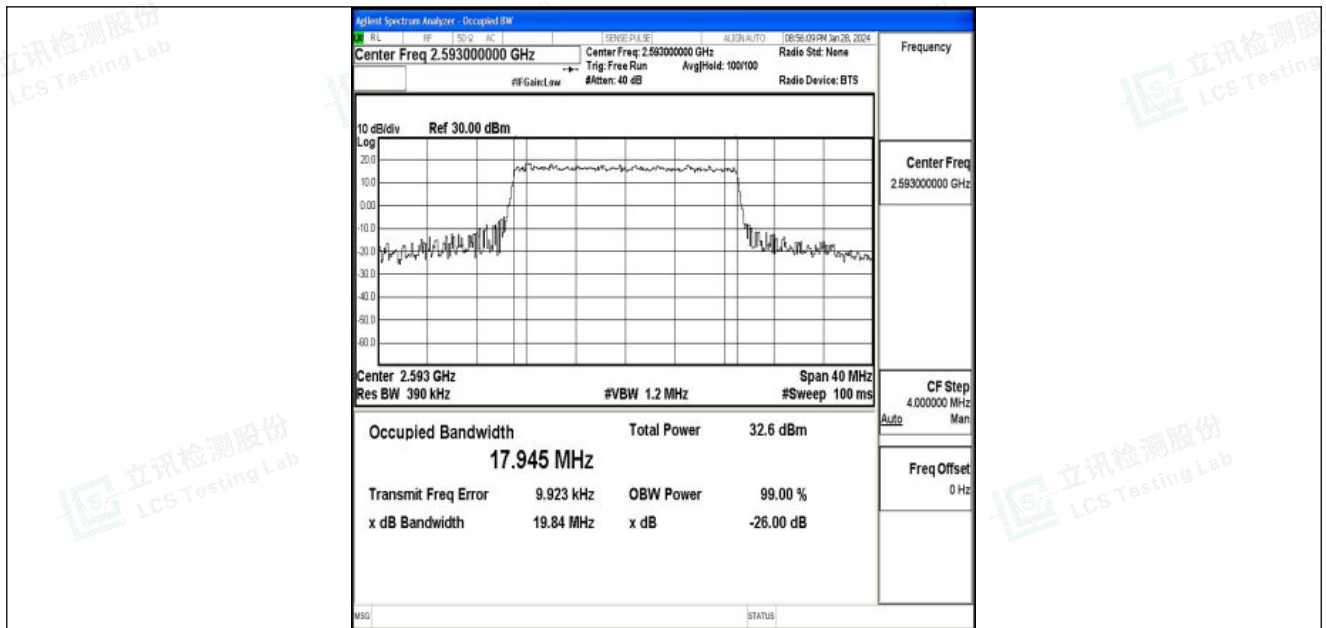


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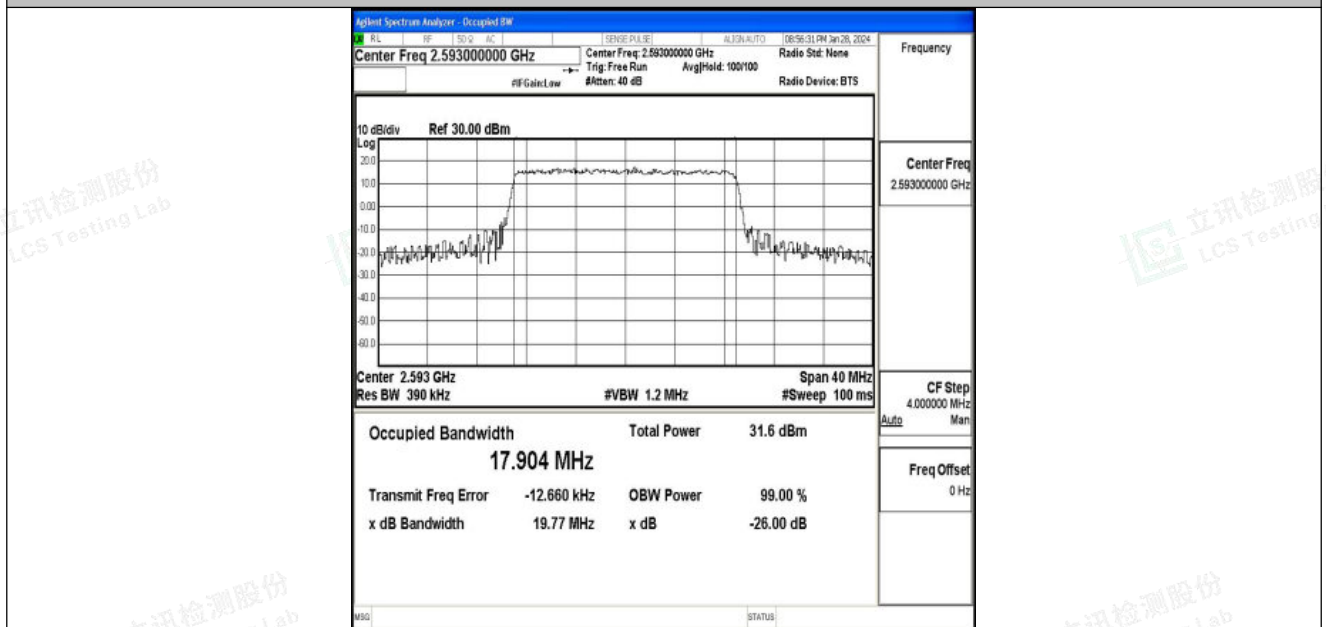
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Band41-20MHz-QPSK-40620-100RB#0-PASS



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

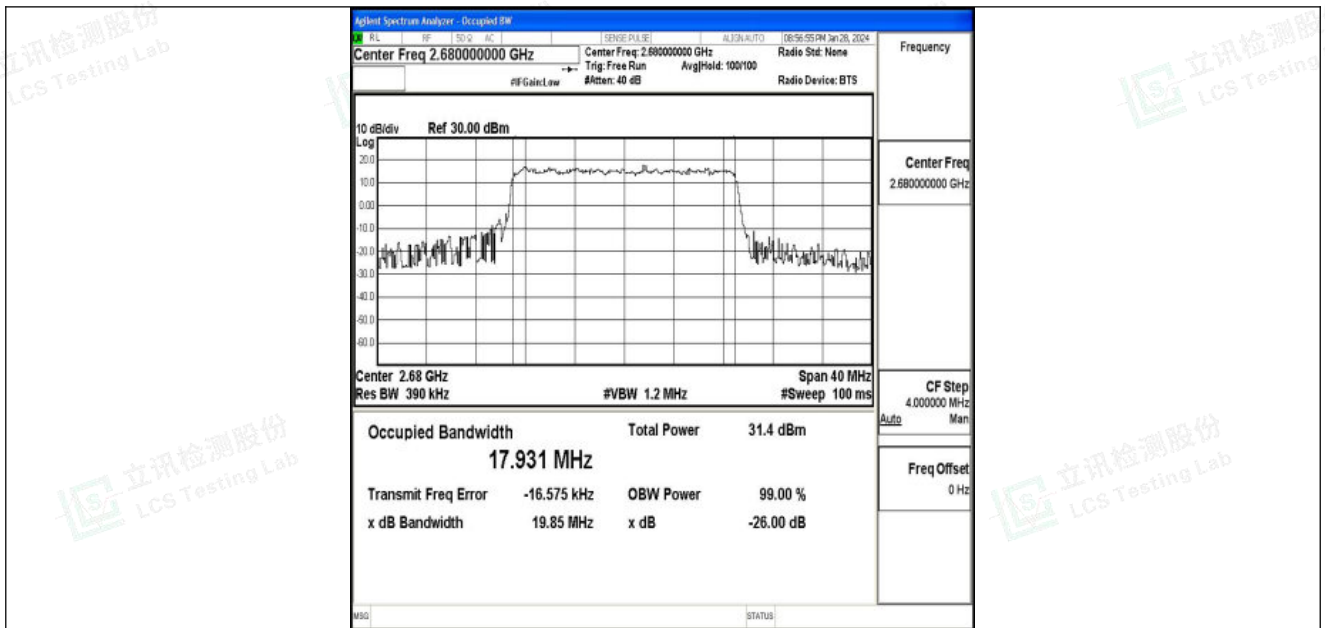


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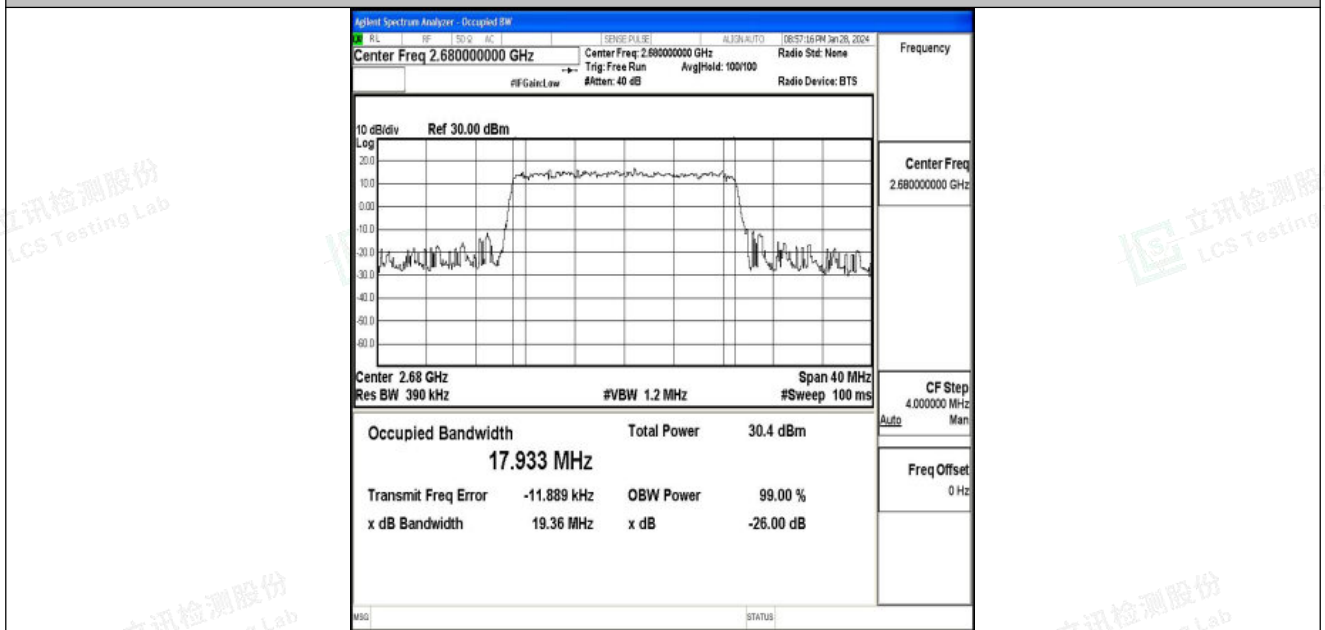
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Band41-20MHz-QPSK-41490-100RB#0-PASS



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



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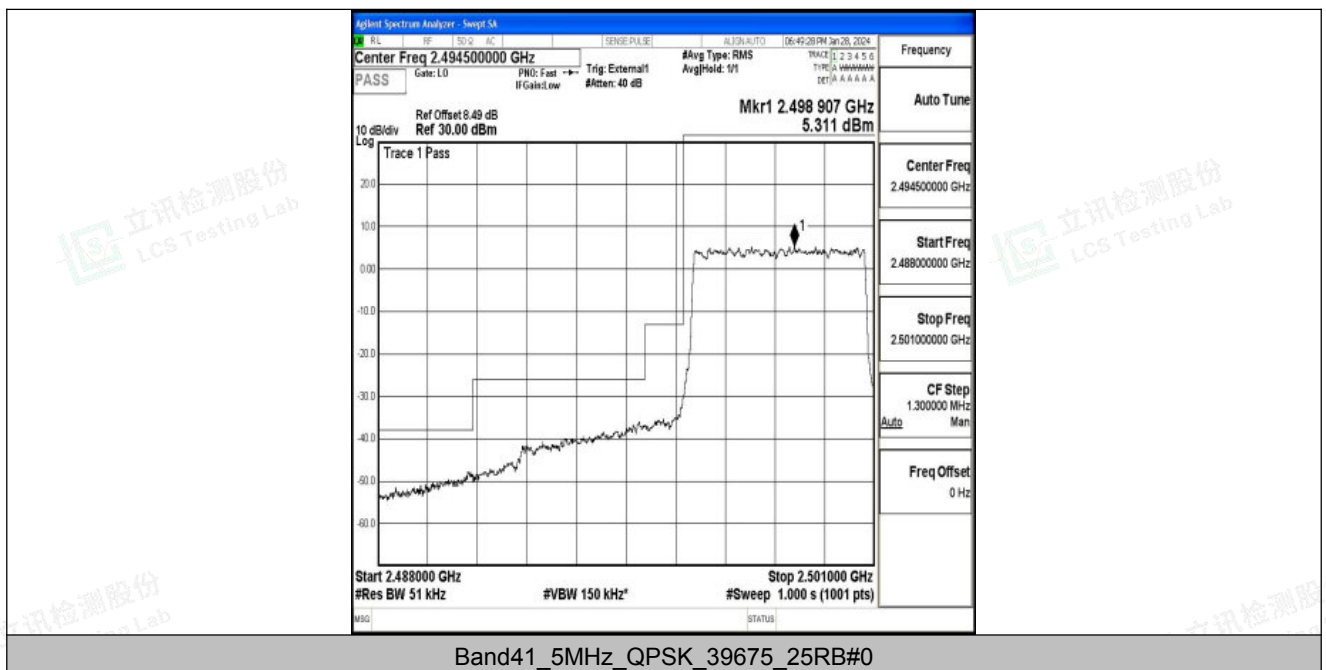


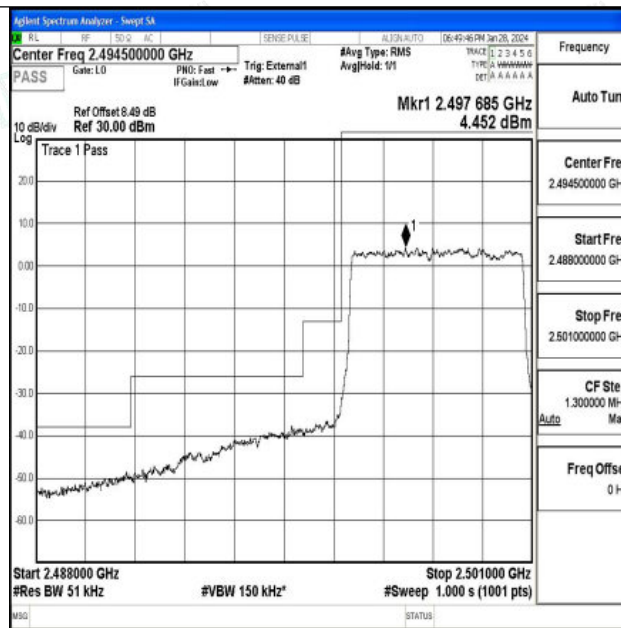
C.4 Band Edge

Test Result

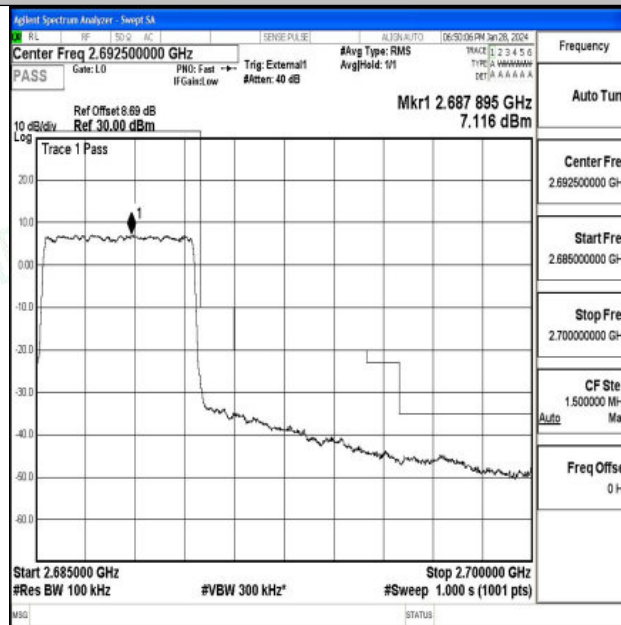
Band	Bandwidth	Modulation	Channel	RB Configuration	Peak Frequency	Result(dBm)	Verdict
Band41	5MHz	QPSK	39675	25RB#0	2490.37	-47.79	PASS
Band41	5MHz	16QAM	39675	25RB#0	2490.38	-48.48	PASS
Band41	5MHz	QPSK	41565	25RB#0	2697.23	-44.83	PASS
Band41	5MHz	16QAM	41565	25RB#0	2696.27	-45.60	PASS
Band41	10MHz	QPSK	39700	50RB#0	2490.38	-40.34	PASS
Band41	10MHz	16QAM	39700	50RB#0	2490.34	-41.30	PASS
Band41	10MHz	QPSK	41540	50RB#0	2700.23	-43.43	PASS
Band41	10MHz	16QAM	41540	50RB#0	2700.10	-43.97	PASS
Band41	15MHz	QPSK	39725	75RB#0	2489.75	-37.82	PASS
Band41	15MHz	16QAM	39725	75RB#0	2488.09	-38.91	PASS
Band41	15MHz	QPSK	41515	75RB#0	2706.40	-41.78	PASS
Band41	15MHz	16QAM	41515	75RB#0	2706.50	-42.80	PASS
Band41	20MHz	QPSK	39750	100RB#0	2488.98	-38.47	PASS
Band41	20MHz	16QAM	39750	100RB#0	2489.51	-39.02	PASS
Band41	20MHz	QPSK	41490	100RB#0	2710.05	-42.50	PASS
Band41	20MHz	16QAM	41490	100RB#0	2712.03	-42.66	PASS

Test Graphs



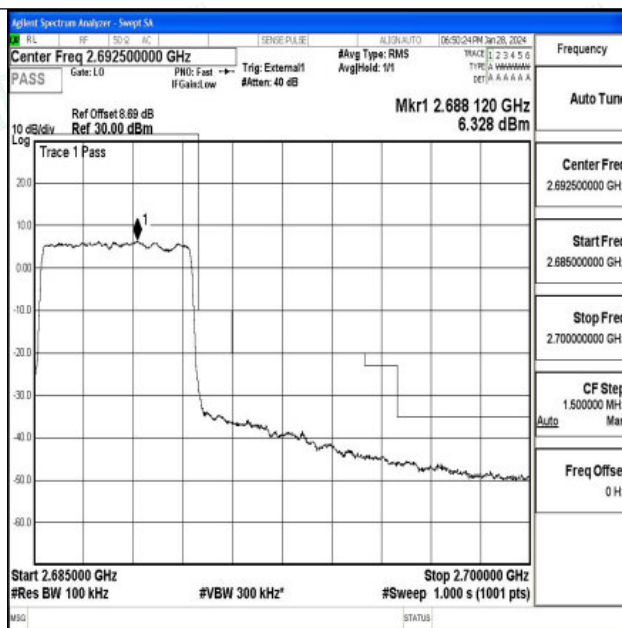


Band41_5MHz_16QAM_39675_25RB#0

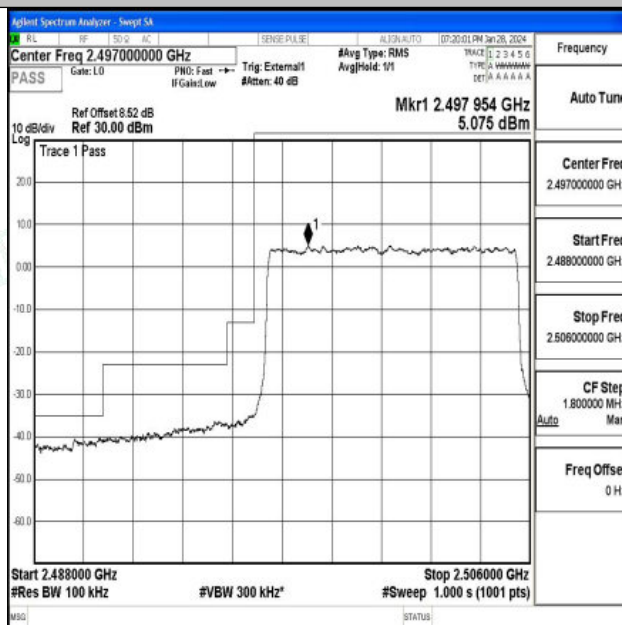


Band41_5MHz_QPSK_41565_25RB#0





Band41_5MHz_16QAM_41565_25RB#0



Band41_10MHz_QPSK_39700_50RB#0

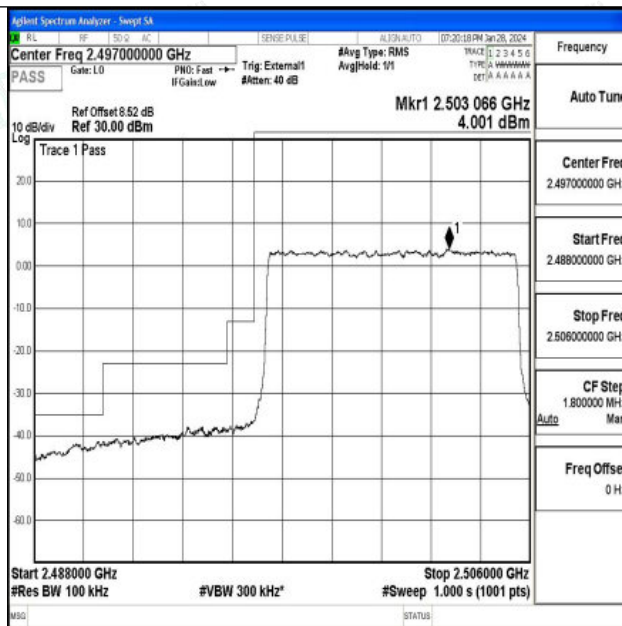


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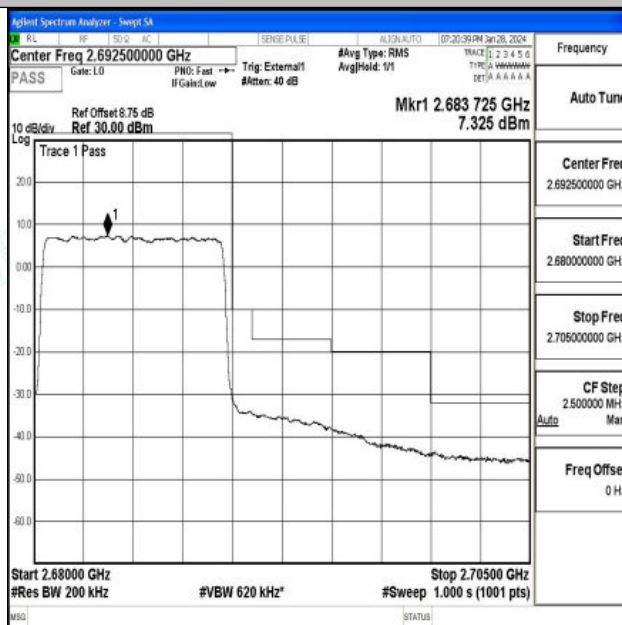
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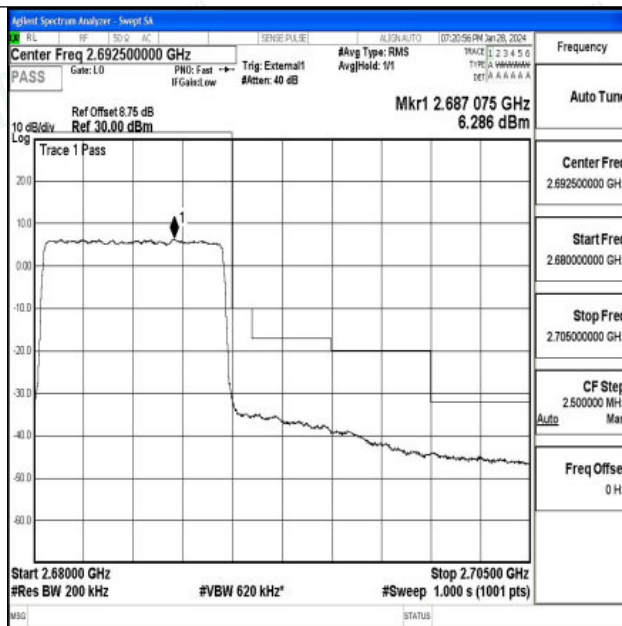


Band41_10MHz_16QAM_39700_50RB#0

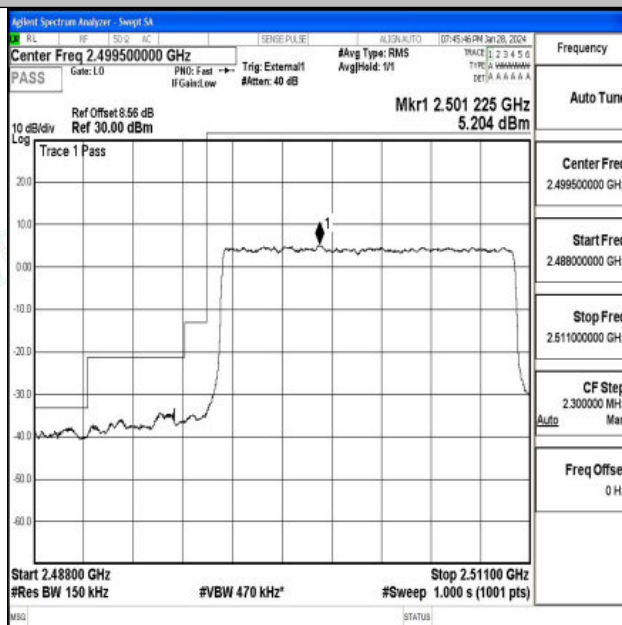


Band41_10MHz_QPSK_41540_50RB#0



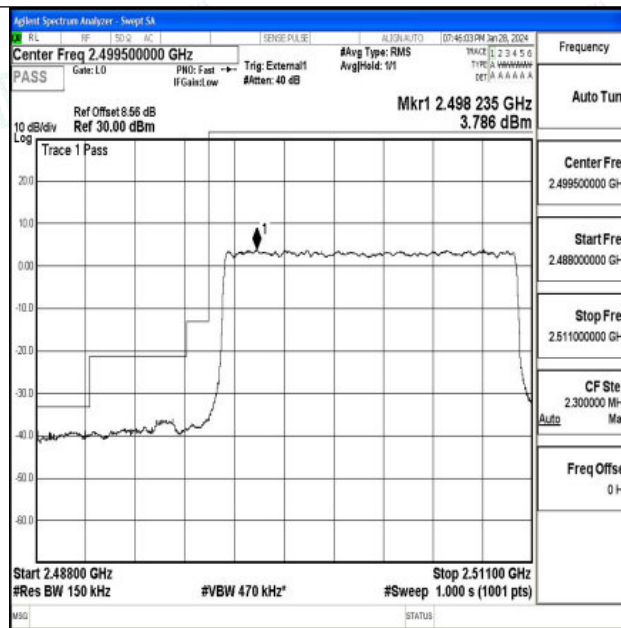


Band41_10MHz_16QAM_41540_50RB#0

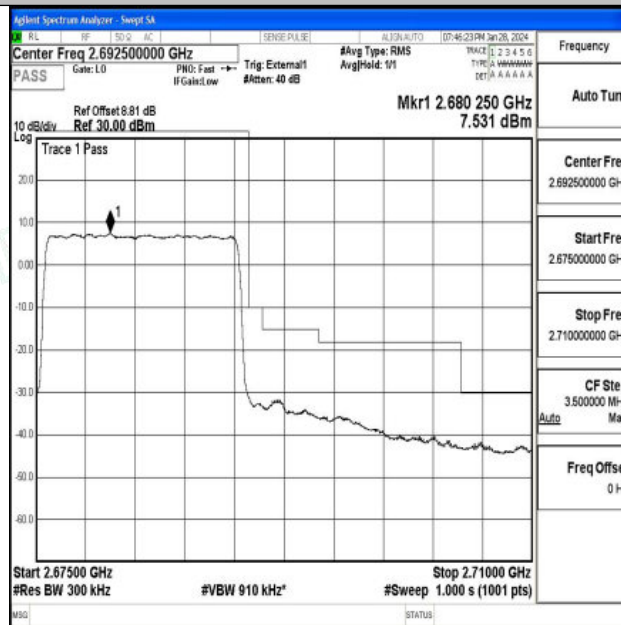


Band41_15MHz_QPSK_39725_75RB#0



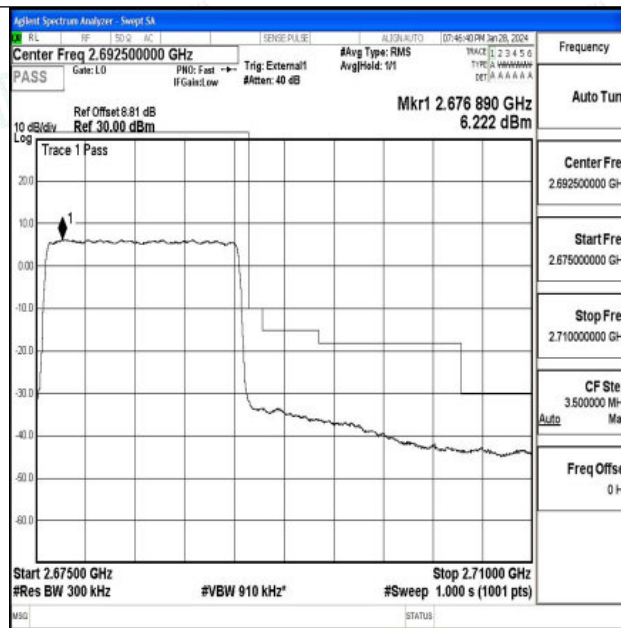


Band41_15MHz_16QAM_39725_75RB#0

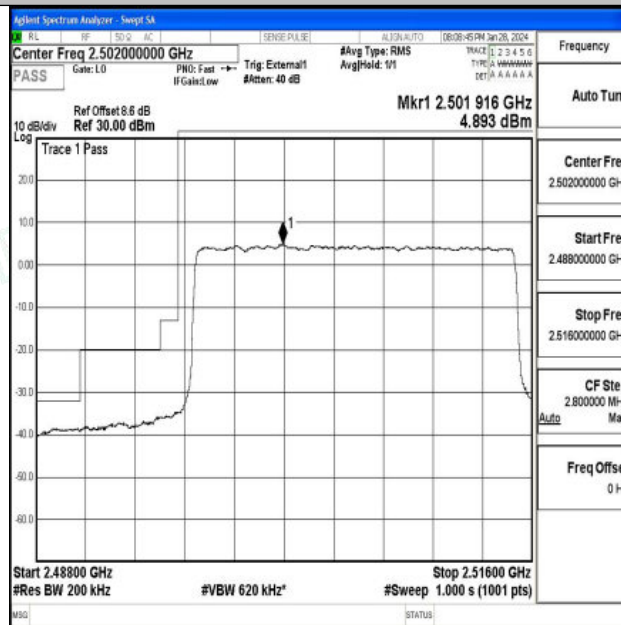


Band41_15MHz_QPSK_41515_75RB#0



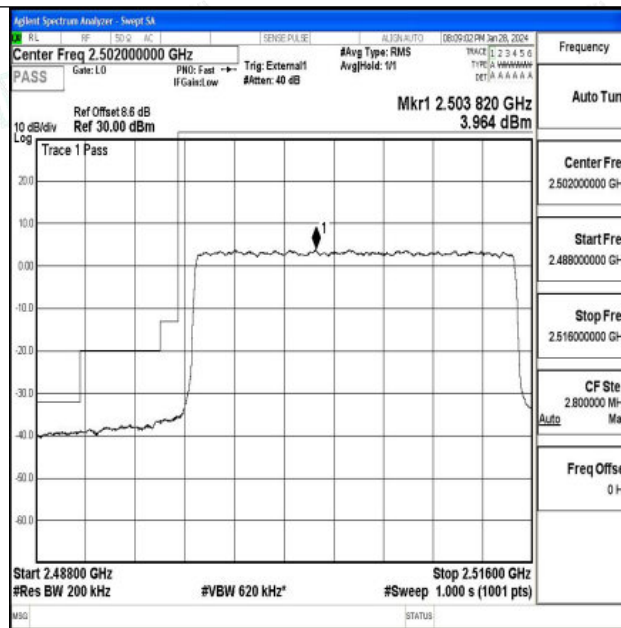


Band41_15MHz_16QAM_41515_75RB#0

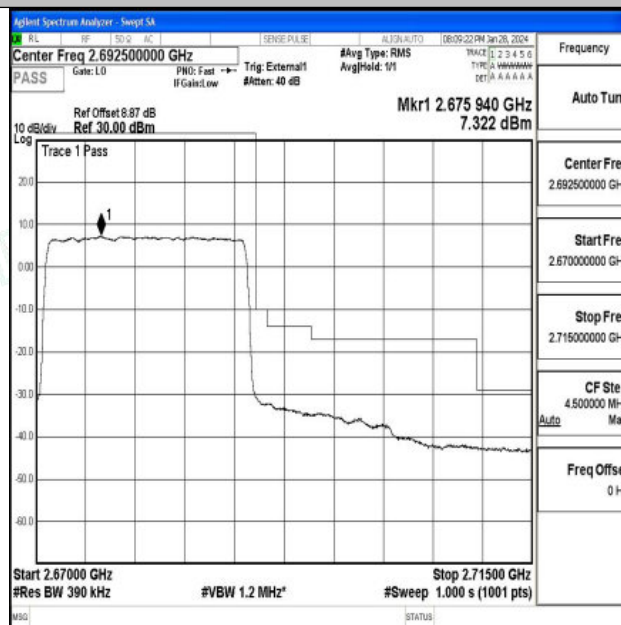


Band41_20MHz_QPSK_39750_100RB#0



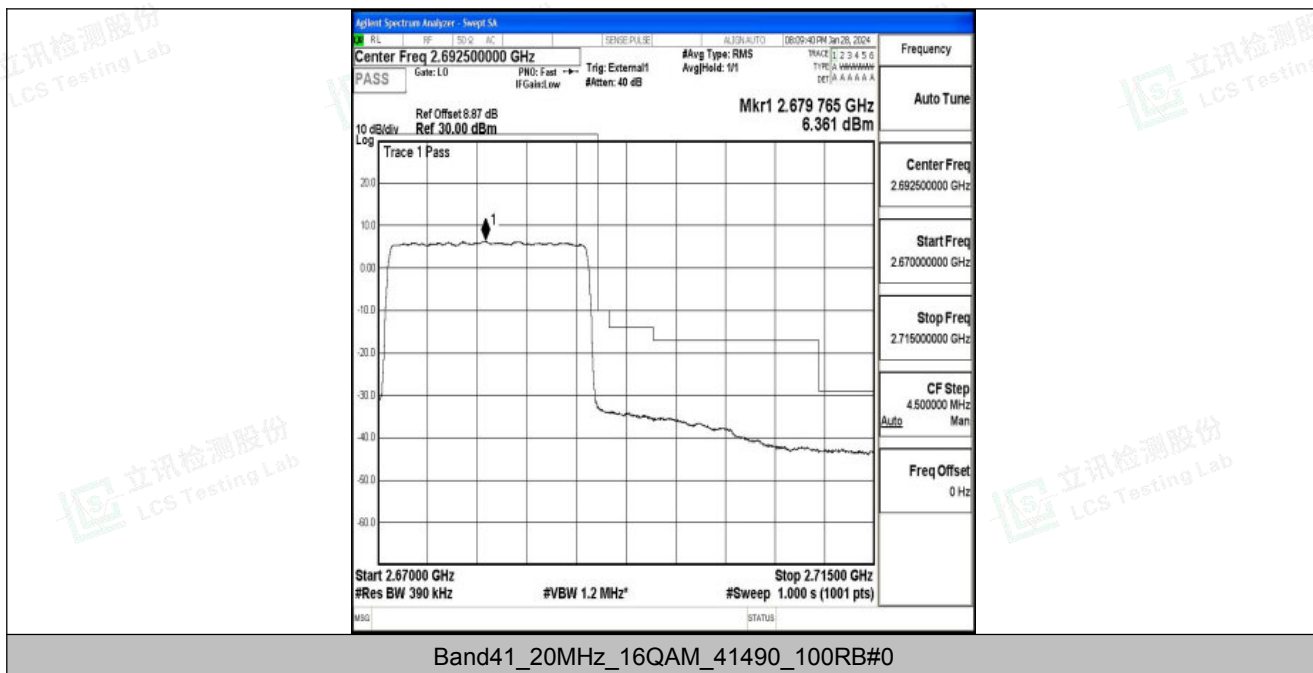


Band41_20MHz_16QAM_39750_100RB#0



Band41_20MHz_QPSK_41490_100RB#0







C.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	-67.87	PASS
Band41	5MHz	QPSK	39675	1RB#0	0.15~30	-61.53	PASS
Band41	5MHz	QPSK	39675	1RB#0	30~1000	-61.96	PASS
Band41	5MHz	QPSK	39675	1RB#0	1000~20000	-33.06	PASS
Band41	5MHz	QPSK	39675	1RB#0	20000~27000	-35.27	PASS
Band41	5MHz	16QAM	39675	1RB#0	0.009~0.15	-67.97	PASS
Band41	5MHz	16QAM	39675	1RB#0	0.15~30	-62.79	PASS
Band41	5MHz	16QAM	39675	1RB#0	30~1000	-62.14	PASS
Band41	5MHz	16QAM	39675	1RB#0	1000~20000	-33.16	PASS
Band41	5MHz	16QAM	39675	1RB#0	20000~27000	-35.00	PASS
Band41	5MHz	QPSK	40620	1RB#0	0.009~0.15	-68.45	PASS
Band41	5MHz	QPSK	40620	1RB#0	0.15~30	-61.20	PASS
Band41	5MHz	QPSK	40620	1RB#0	30~1000	-62.24	PASS
Band41	5MHz	QPSK	40620	1RB#0	1000~20000	-33.17	PASS
Band41	5MHz	QPSK	40620	1RB#0	20000~27000	-35.36	PASS
Band41	5MHz	16QAM	40620	1RB#0	0.009~0.15	-67.90	PASS
Band41	5MHz	16QAM	40620	1RB#0	0.15~30	-58.92	PASS
Band41	5MHz	16QAM	40620	1RB#0	30~1000	-62.02	PASS
Band41	5MHz	16QAM	40620	1RB#0	1000~20000	-33.10	PASS
Band41	5MHz	16QAM	40620	1RB#0	20000~27000	-35.19	PASS
Band41	5MHz	QPSK	41565	1RB#0	0.009~0.15	-68.09	PASS
Band41	5MHz	QPSK	41565	1RB#0	0.15~30	-61.29	PASS
Band41	5MHz	QPSK	41565	1RB#0	30~1000	-62.18	PASS
Band41	5MHz	QPSK	41565	1RB#0	1000~20000	-33.20	PASS
Band41	5MHz	QPSK	41565	1RB#0	20000~27000	-35.37	PASS
Band41	5MHz	16QAM	41565	1RB#0	0.009~0.15	-65.52	PASS
Band41	5MHz	16QAM	41565	1RB#0	0.15~30	-61.42	PASS
Band41	5MHz	16QAM	41565	1RB#0	30~1000	-62.02	PASS
Band41	5MHz	16QAM	41565	1RB#0	1000~20000	-32.90	PASS
Band41	5MHz	16QAM	41565	1RB#0	20000~27000	-35.44	PASS
Band41	10MHz	QPSK	39700	1RB#0	0.009~0.15	-67.05	PASS
Band41	10MHz	QPSK	39700	1RB#0	0.15~30	-61.95	PASS
Band41	10MHz	QPSK	39700	1RB#0	30~1000	-62.40	PASS
Band41	10MHz	QPSK	39700	1RB#0	1000~20000	-32.79	PASS
Band41	10MHz	QPSK	39700	1RB#0	20000~27000	-35.24	PASS



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Band41	10MHz	16QAM	39700	1RB#0	0.009~0.15	-66.81	PASS
Band41	10MHz	16QAM	39700	1RB#0	0.15~30	-61.15	PASS
Band41	10MHz	16QAM	39700	1RB#0	30~1000	-61.98	PASS
Band41	10MHz	16QAM	39700	1RB#0	1000~20000	-32.55	PASS
Band41	10MHz	16QAM	39700	1RB#0	20000~27000	-35.34	PASS
Band41	10MHz	QPSK	40620	1RB#0	0.009~0.15	-67.91	PASS
Band41	10MHz	QPSK	40620	1RB#0	0.15~30	-60.35	PASS
Band41	10MHz	QPSK	40620	1RB#0	30~1000	-62.22	PASS
Band41	10MHz	QPSK	40620	1RB#0	1000~20000	-32.98	PASS
Band41	10MHz	QPSK	40620	1RB#0	20000~27000	-35.26	PASS
Band41	10MHz	16QAM	40620	1RB#0	0.009~0.15	-68.55	PASS
Band41	10MHz	16QAM	40620	1RB#0	0.15~30	-61.08	PASS
Band41	10MHz	16QAM	40620	1RB#0	30~1000	-62.13	PASS
Band41	10MHz	16QAM	40620	1RB#0	1000~20000	-33.09	PASS
Band41	10MHz	16QAM	40620	1RB#0	20000~27000	-35.13	PASS
Band41	10MHz	QPSK	41540	1RB#0	0.009~0.15	-68.57	PASS
Band41	10MHz	QPSK	41540	1RB#0	0.15~30	-60.72	PASS
Band41	10MHz	QPSK	41540	1RB#0	30~1000	-62.08	PASS
Band41	10MHz	QPSK	41540	1RB#0	1000~20000	-33.22	PASS
Band41	10MHz	QPSK	41540	1RB#0	20000~27000	-35.22	PASS
Band41	10MHz	16QAM	41540	1RB#0	0.009~0.15	-66.67	PASS
Band41	10MHz	16QAM	41540	1RB#0	0.15~30	-62.65	PASS
Band41	10MHz	16QAM	41540	1RB#0	30~1000	-62.18	PASS
Band41	15MHz	QPSK	39725	1RB#0	0.009~0.15	-66.28	PASS
Band41	15MHz	QPSK	39725	1RB#0	0.15~30	-58.97	PASS
Band41	15MHz	QPSK	39725	1RB#0	30~1000	-62.14	PASS
Band41	15MHz	QPSK	39725	1RB#0	1000~20000	-33.39	PASS
Band41	10MHz	16QAM	41540	1RB#0	1000~20000	-32.99	PASS
Band41	10MHz	16QAM	41540	1RB#0	20000~27000	-35.17	PASS
Band41	15MHz	QPSK	39725	1RB#0	20000~27000	-35.41	PASS
Band41	15MHz	16QAM	39725	1RB#0	0.009~0.15	-69.61	PASS
Band41	15MHz	16QAM	39725	1RB#0	0.15~30	-59.71	PASS
Band41	15MHz	16QAM	39725	1RB#0	30~1000	-62.39	PASS
Band41	15MHz	16QAM	39725	1RB#0	1000~20000	-33.18	PASS
Band41	15MHz	16QAM	39725	1RB#0	20000~27000	-35.15	PASS
Band41	15MHz	QPSK	40620	1RB#0	0.009~0.15	-67.25	PASS
Band41	15MHz	QPSK	40620	1RB#0	0.15~30	-62.28	PASS
Band41	15MHz	QPSK	40620	1RB#0	30~1000	-62.27	PASS
Band41	15MHz	QPSK	40620	1RB#0	1000~20000	-33.10	PASS
Band41	15MHz	QPSK	40620	1RB#0	20000~27000	-34.98	PASS
Band41	15MHz	16QAM	40620	1RB#0	0.009~0.15	-65.47	PASS
Band41	15MHz	16QAM	40620	1RB#0	0.15~30	-59.32	PASS



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Band41	15MHz	16QAM	40620	1RB#0	30~1000	-62.36	PASS
Band41	15MHz	16QAM	40620	1RB#0	1000~20000	-33.18	PASS
Band41	15MHz	16QAM	40620	1RB#0	20000~27000	-35.45	PASS
Band41	15MHz	QPSK	41515	1RB#0	0.009~0.15	-68.40	PASS
Band41	15MHz	QPSK	41515	1RB#0	0.15~30	-63.70	PASS
Band41	15MHz	QPSK	41515	1RB#0	30~1000	-62.14	PASS
Band41	15MHz	QPSK	41515	1RB#0	1000~20000	-33.16	PASS
Band41	15MHz	QPSK	41515	1RB#0	20000~27000	-35.43	PASS
Band41	15MHz	16QAM	41515	1RB#0	0.009~0.15	-64.93	PASS
Band41	15MHz	16QAM	41515	1RB#0	0.15~30	-63.60	PASS
Band41	15MHz	16QAM	41515	1RB#0	30~1000	-62.39	PASS
Band41	15MHz	16QAM	41515	1RB#0	1000~20000	-33.08	PASS
Band41	15MHz	16QAM	41515	1RB#0	20000~27000	-34.69	PASS
Band41	20MHz	QPSK	39750	1RB#0	0.009~0.15	-67.87	PASS
Band41	20MHz	QPSK	39750	1RB#0	0.15~30	-60.85	PASS
Band41	20MHz	QPSK	39750	1RB#0	30~1000	-62.24	PASS
Band41	20MHz	QPSK	39750	1RB#0	1000~20000	-33.30	PASS
Band41	20MHz	QPSK	39750	1RB#0	20000~27000	-35.31	PASS
Band41	20MHz	16QAM	39750	1RB#0	0.009~0.15	-67.83	PASS
Band41	20MHz	16QAM	39750	1RB#0	0.15~30	-64.68	PASS
Band41	20MHz	16QAM	39750	1RB#0	30~1000	-62.27	PASS
Band41	20MHz	16QAM	39750	1RB#0	1000~20000	-32.84	PASS
Band41	20MHz	16QAM	39750	1RB#0	20000~27000	-35.22	PASS
Band41	20MHz	QPSK	40620	1RB#0	0.009~0.15	-66.77	PASS
Band41	20MHz	QPSK	40620	1RB#0	0.15~30	-61.27	PASS
Band41	20MHz	QPSK	40620	1RB#0	30~1000	-62.09	PASS
Band41	20MHz	QPSK	40620	1RB#0	1000~20000	-33.37	PASS
Band41	20MHz	QPSK	40620	1RB#0	20000~27000	-35.10	PASS
Band41	20MHz	16QAM	40620	1RB#0	0.009~0.15	-68.44	PASS
Band41	20MHz	16QAM	40620	1RB#0	0.15~30	-59.01	PASS
Band41	20MHz	16QAM	40620	1RB#0	30~1000	-62.30	PASS
Band41	20MHz	16QAM	40620	1RB#0	1000~20000	-33.20	PASS
Band41	20MHz	16QAM	40620	1RB#0	20000~27000	-35.18	PASS
Band41	20MHz	QPSK	41490	1RB#0	0.009~0.15	-64.93	PASS
Band41	20MHz	QPSK	41490	1RB#0	0.15~30	-59.53	PASS
Band41	20MHz	QPSK	41490	1RB#0	30~1000	-62.27	PASS
Band41	20MHz	QPSK	41490	1RB#0	1000~20000	-32.54	PASS
Band41	20MHz	QPSK	41490	1RB#0	20000~27000	-35.20	PASS
Band41	20MHz	16QAM	41490	1RB#0	0.009~0.15	-67.04	PASS
Band41	20MHz	16QAM	41490	1RB#0	0.15~30	-60.33	PASS
Band41	20MHz	16QAM	41490	1RB#0	30~1000	-61.94	PASS
Band41	20MHz	16QAM	41490	1RB#0	1000~20000	-33.40	PASS



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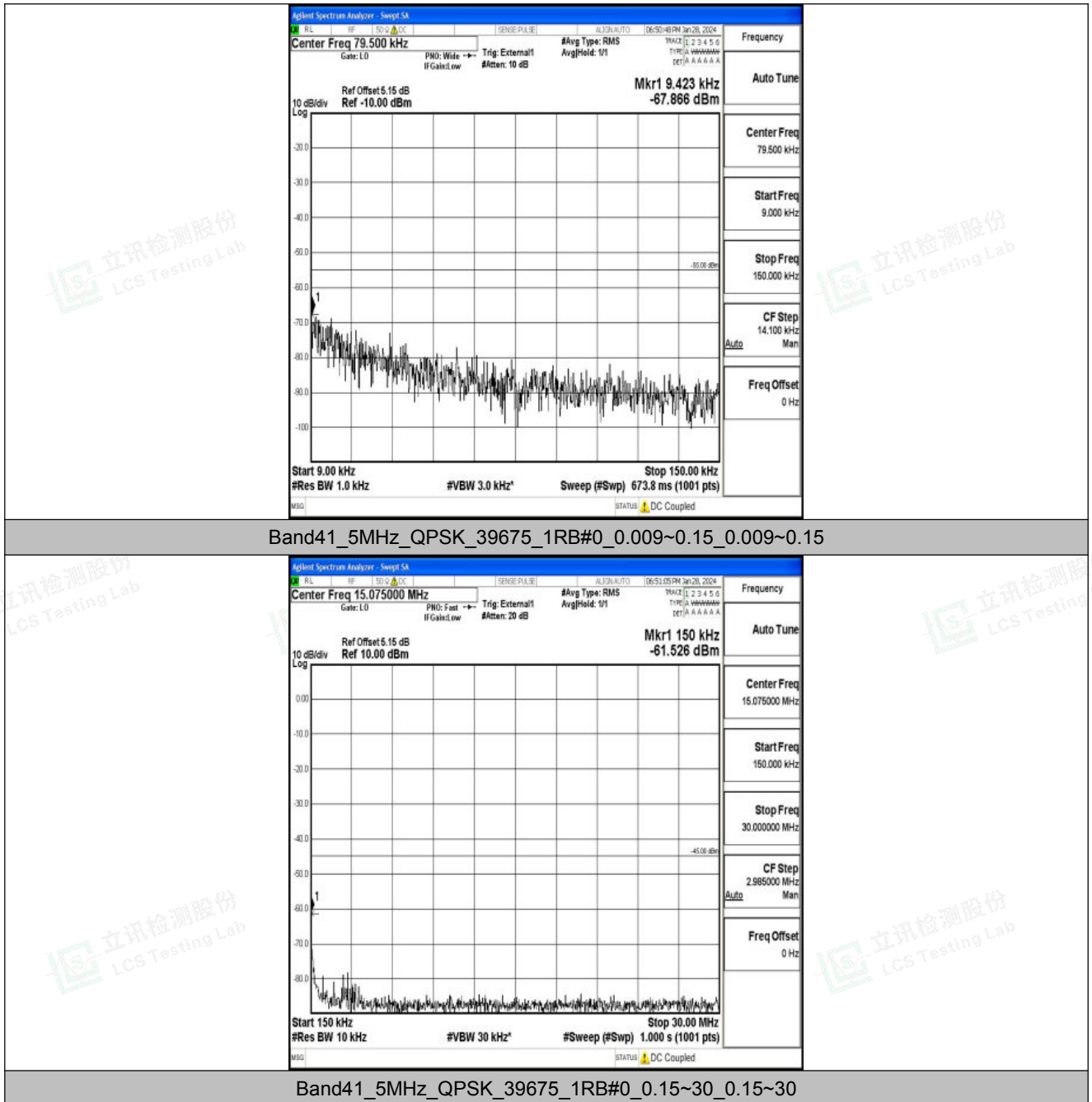
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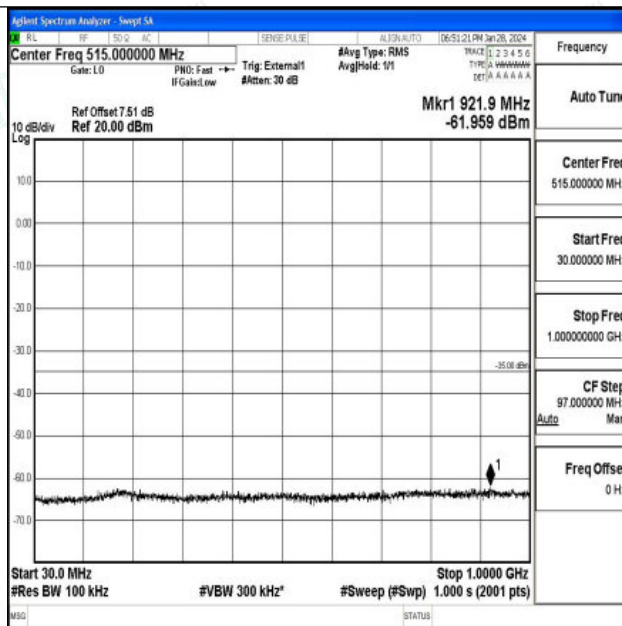
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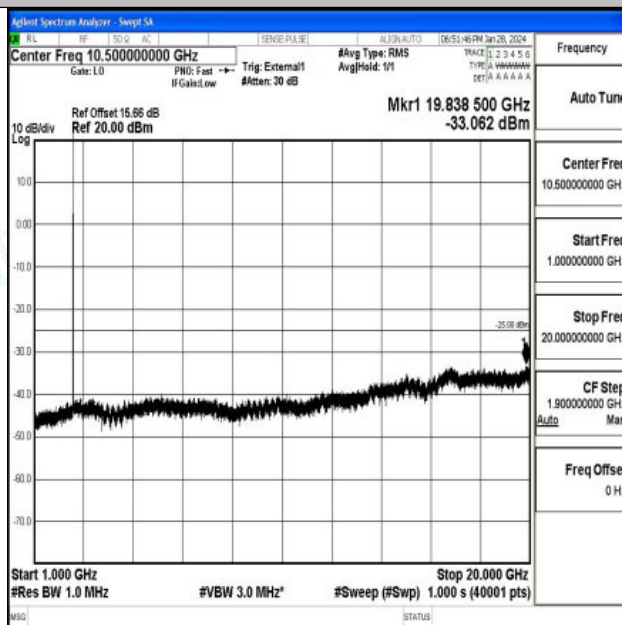
Band41	20MHz	16QAM	41490	1RB#0	20000~27000	-35.19	PASS
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Test Graphs





Band41_5MHz_QPSK_39675_1RB#0_30~1000_30~1000



Band41_5MHz_QPSK_39675_1RB#0_1000~20000_1000~20000

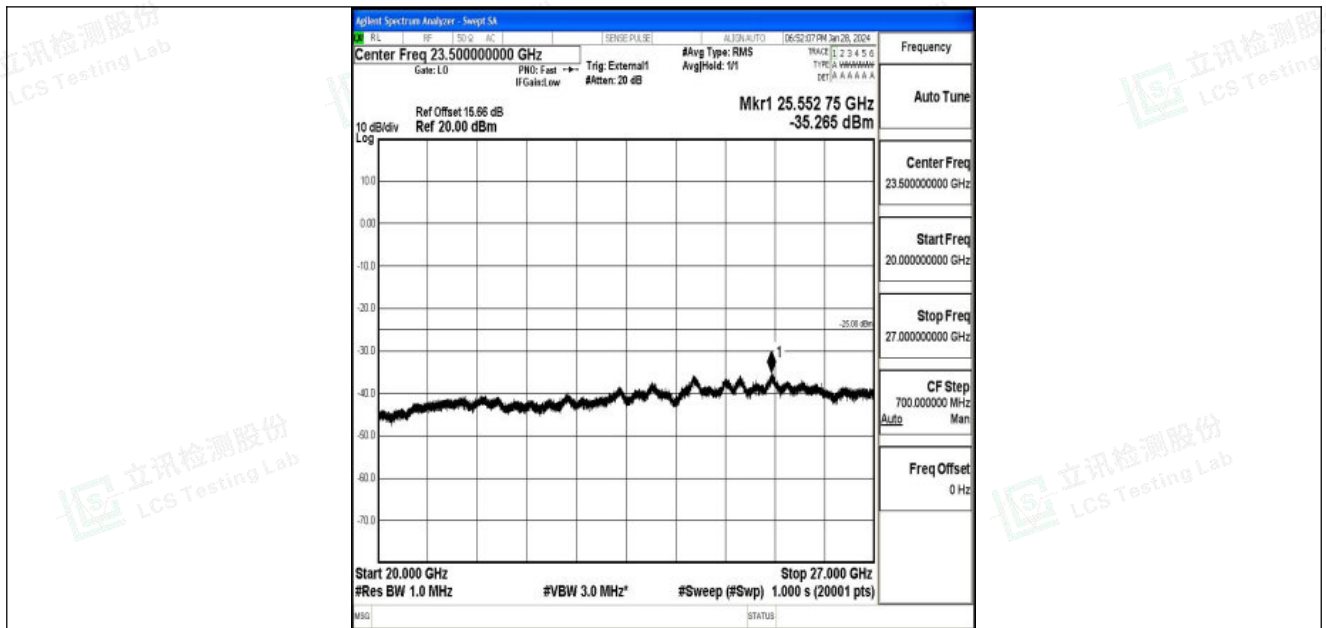


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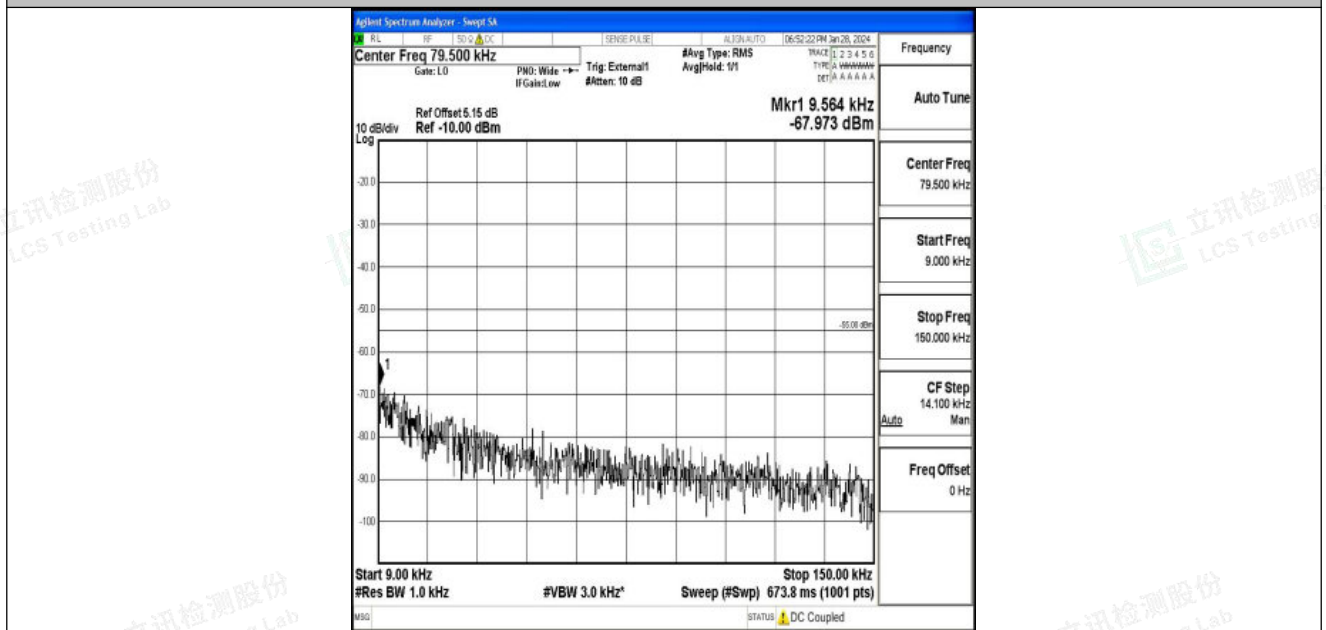
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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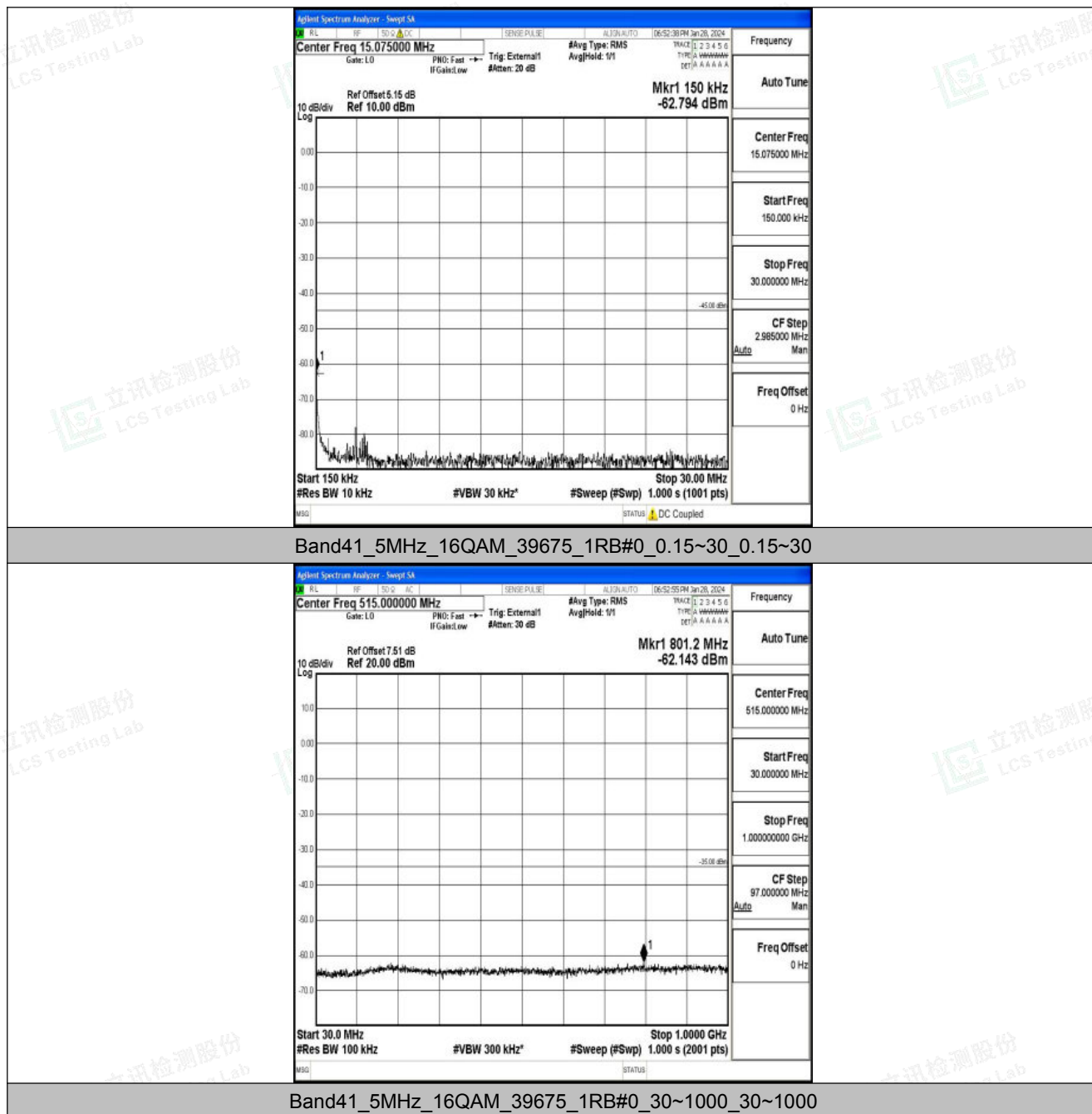


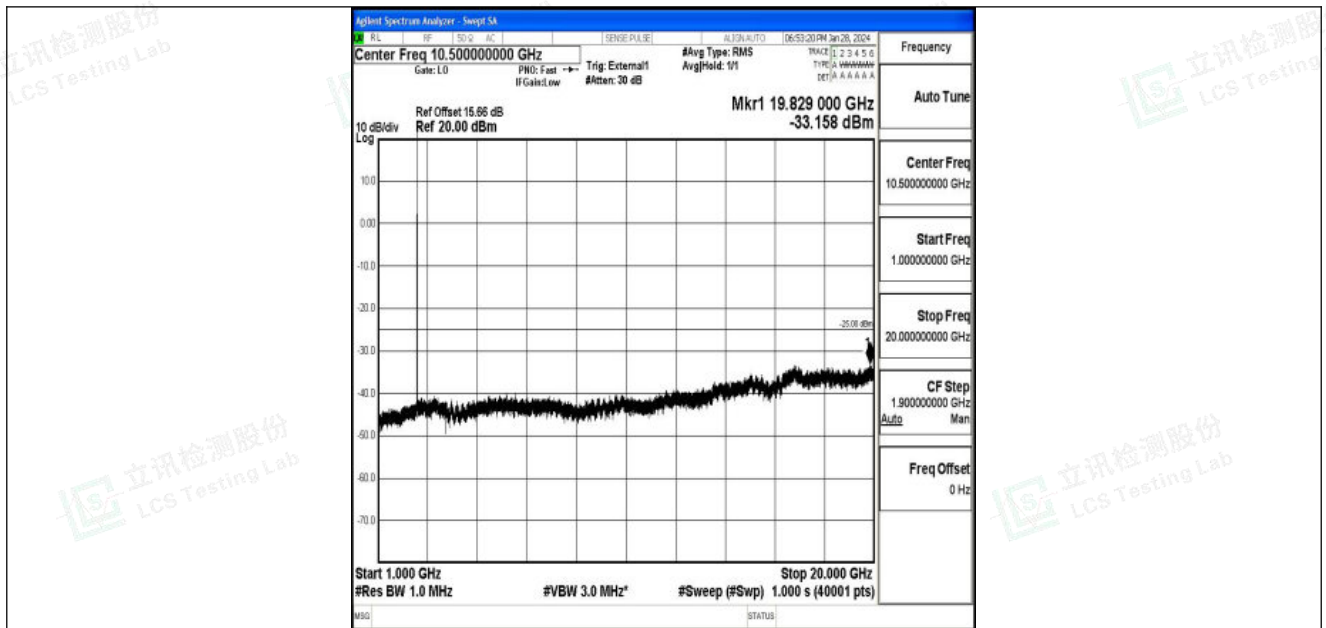
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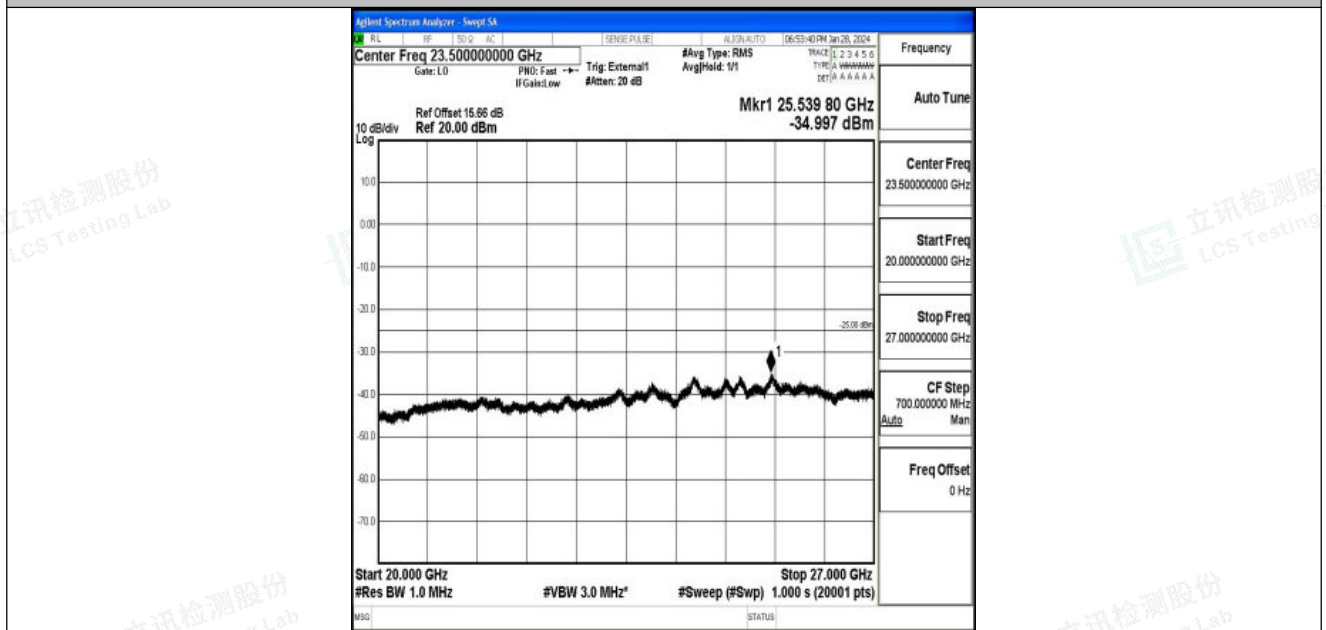
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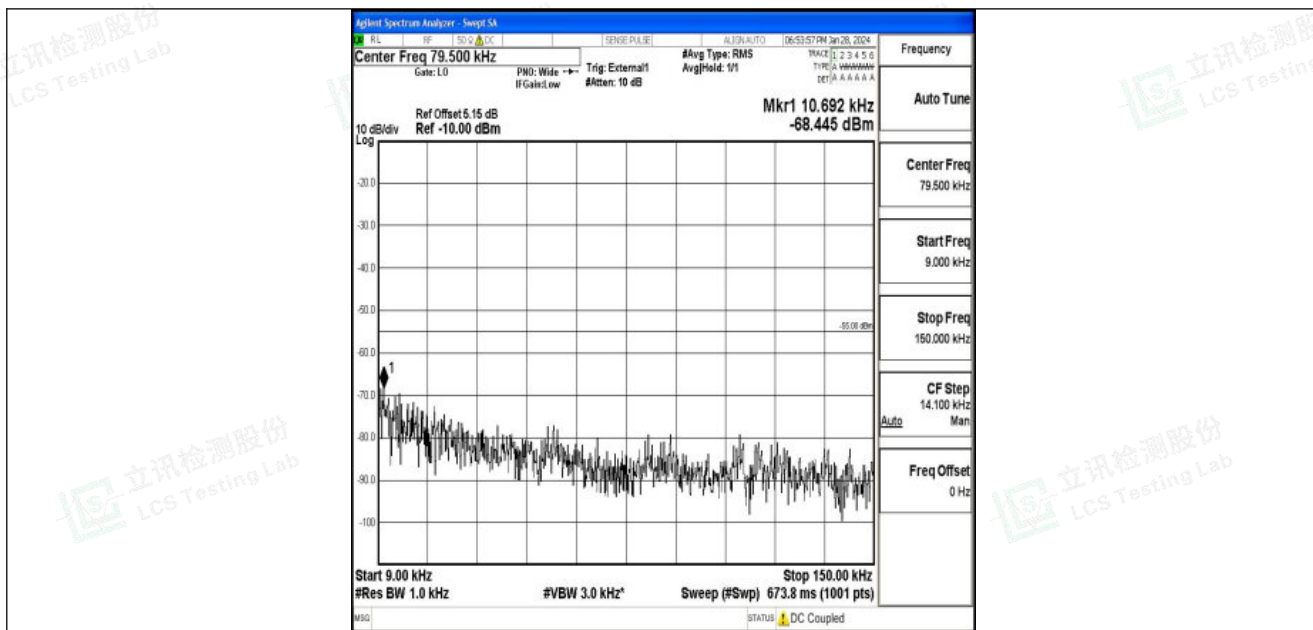


Band41_5MHz_16QAM_39675_1RB#0_1000~20000_1000~20000

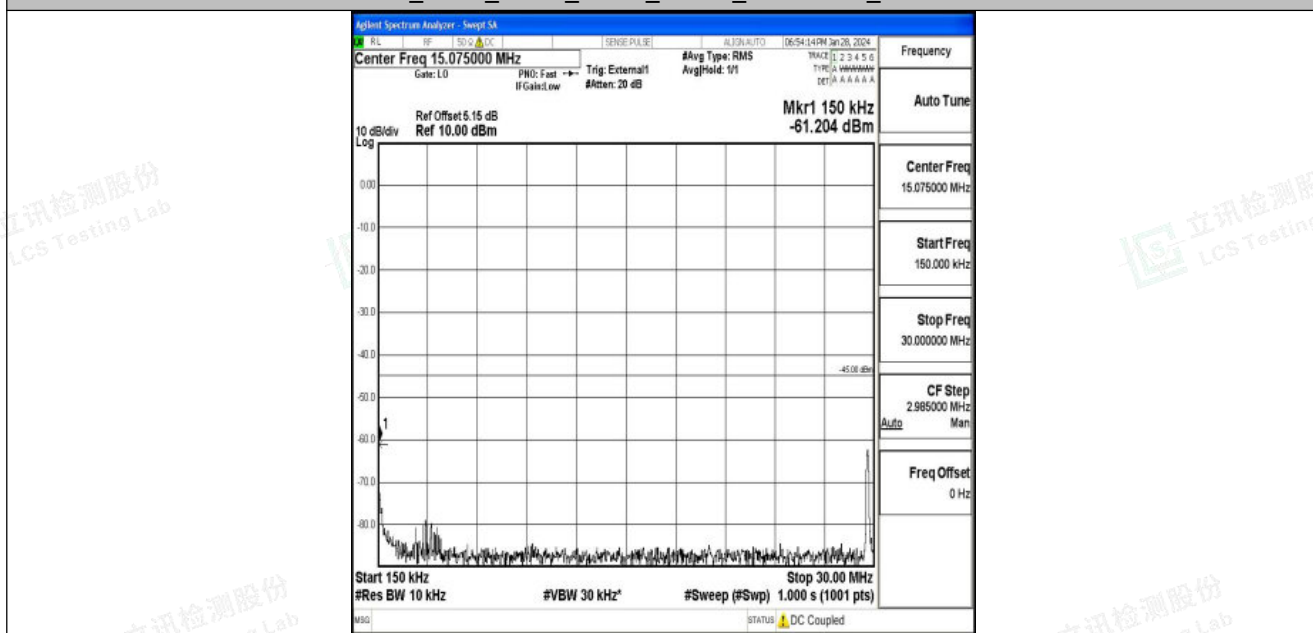


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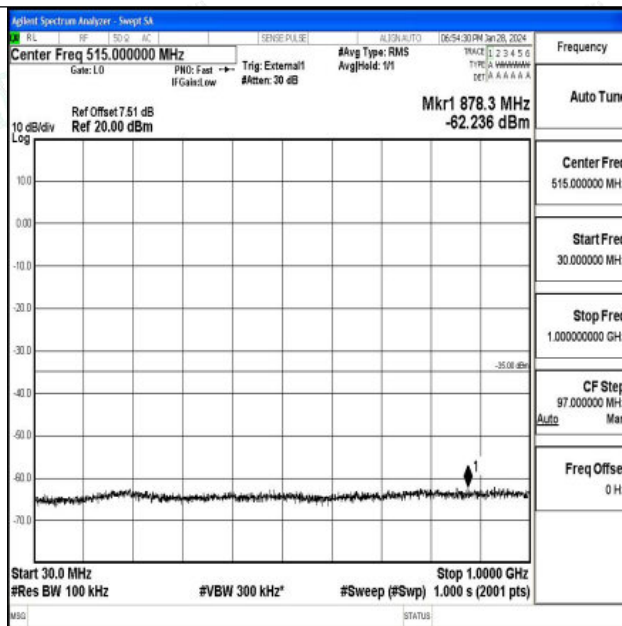


Band41_5MHz_QPSK_40620_1RB#0_0.009~0.15_0.009~0.15

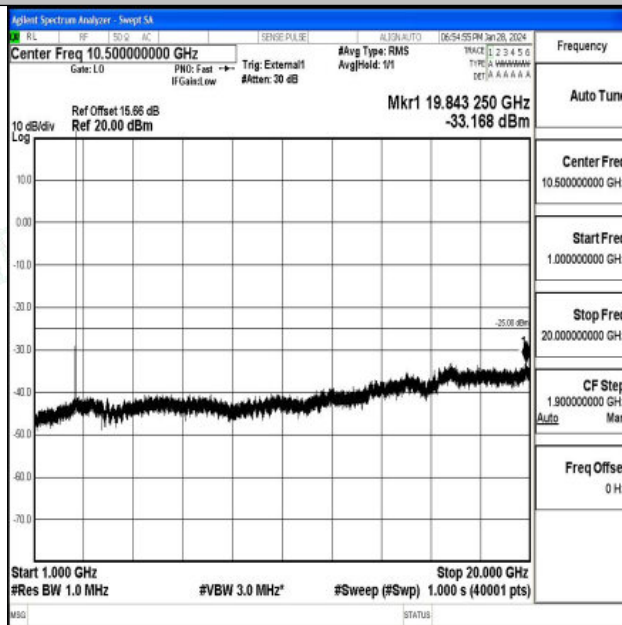


Band41_5MHz_QPSK_40620_1RB#0_0.15~30_0.15~30





Band41_5MHz_QPSK_40620_1RB#0_30~1000_30~1000



Band41_5MHz_QPSK_40620_1RB#0_1000~20000_1000~20000

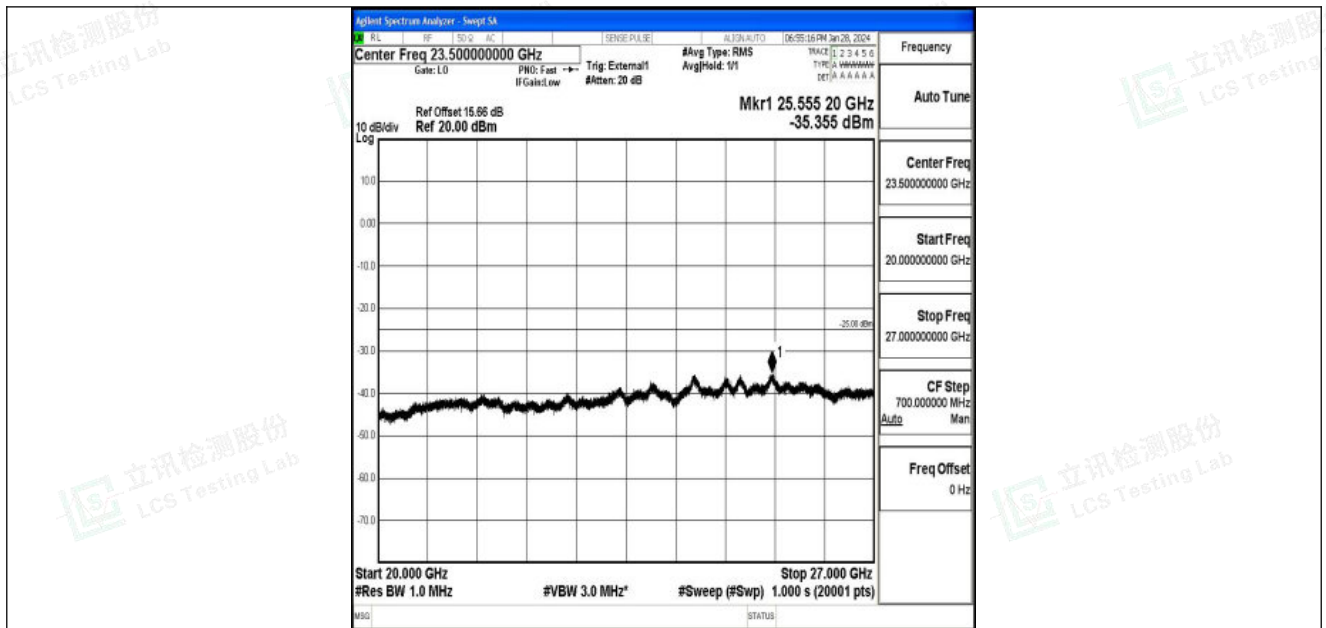


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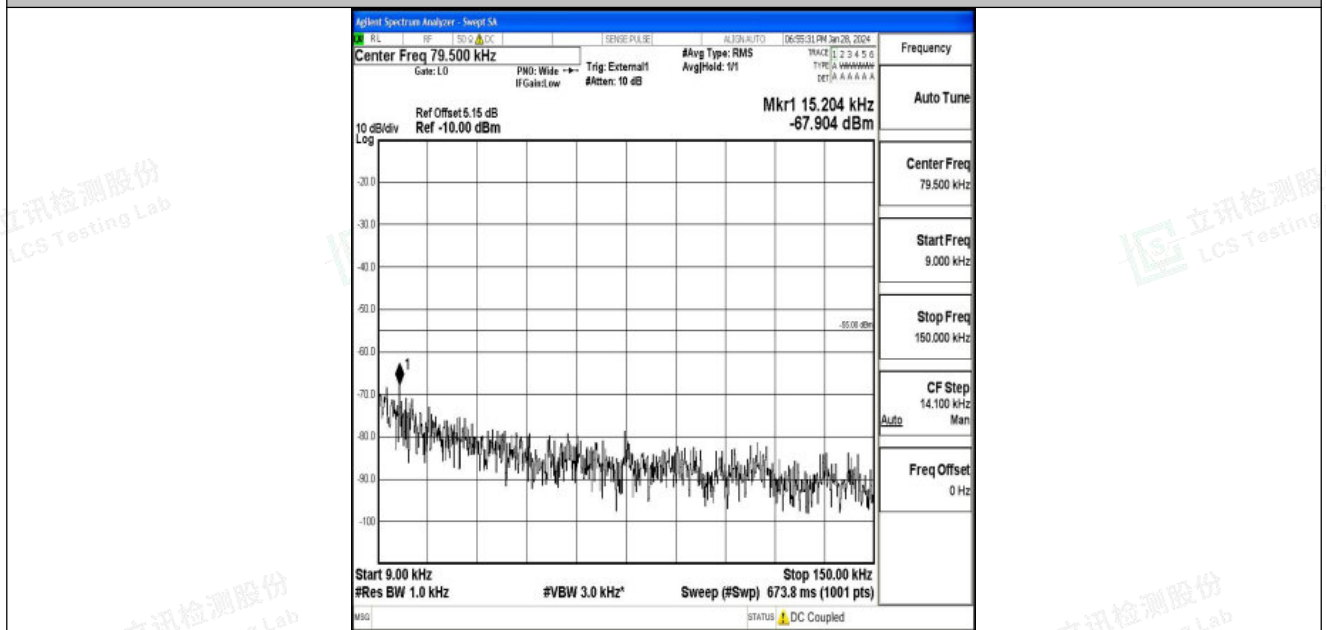
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Band41_5MHz_QPSK_40620_1RB#0_20000~27000_20000~27000



Band41_5MHz_16QAM_40620_1RB#0_0.009~0.15_0.009~0.15

