



Appendix H: Test Data for E-UTRA Band 5

Product Name: mobile phone

Test Model: F31

Environmental Conditions

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



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H.1 Conducted Output Power Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	23.17	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	22.12	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	23.30	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	22.30	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	23.20	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	22.09	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	23.31	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	22.07	PASS
Band5	1.4MHz	QPSK	20407	3RB#1	23.31	PASS
Band5	1.4MHz	16QAM	20407	3RB#1	22.08	PASS
Band5	1.4MHz	QPSK	20407	3RB#3	23.26	PASS
Band5	1.4MHz	16QAM	20407	3RB#3	22.03	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	22.28	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	21.22	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	23.16	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	22.00	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	23.24	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	22.10	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	23.18	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	21.98	PASS
Band5	1.4MHz	QPSK	20525	3RB#0	23.21	PASS
Band5	1.4MHz	16QAM	20525	3RB#0	22.03	PASS
Band5	1.4MHz	QPSK	20525	3RB#1	23.19	PASS
Band5	1.4MHz	16QAM	20525	3RB#1	22.00	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	23.21	PASS
Band5	1.4MHz	16QAM	20525	3RB#3	22.06	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	22.12	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	20.99	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	23.04	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	21.79	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	23.14	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	21.91	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	23.00	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	21.77	PASS
Band5	1.4MHz	QPSK	20643	3RB#0	23.12	PASS



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Band5	1.4MHz	16QAM	20643	3RB#0	21.89	PASS
Band5	1.4MHz	QPSK	20643	3RB#1	23.11	PASS
Band5	1.4MHz	16QAM	20643	3RB#1	21.87	PASS
Band5	1.4MHz	QPSK	20643	3RB#3	23.09	PASS
Band5	1.4MHz	16QAM	20643	3RB#3	21.82	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	22.07	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	21.03	PASS
Band5	3MHz	QPSK	20415	1RB#0	23.23	PASS
Band5	3MHz	16QAM	20415	1RB#0	22.28	PASS
Band5	3MHz	QPSK	20415	1RB#8	23.22	PASS
Band5	3MHz	16QAM	20415	1RB#8	22.23	PASS
Band5	3MHz	QPSK	20415	1RB#14	23.23	PASS
Band5	3MHz	16QAM	20415	1RB#14	22.19	PASS
Band5	3MHz	QPSK	20415	8RB#0	22.28	PASS
Band5	3MHz	16QAM	20415	8RB#0	21.21	PASS
Band5	3MHz	QPSK	20415	8RB#4	22.25	PASS
Band5	3MHz	16QAM	20415	8RB#4	21.22	PASS
Band5	3MHz	QPSK	20415	8RB#7	22.27	PASS
Band5	3MHz	16QAM	20415	8RB#7	21.24	PASS
Band5	3MHz	QPSK	20415	15RB#0	22.20	PASS
Band5	3MHz	16QAM	20415	15RB#0	21.23	PASS
Band5	3MHz	QPSK	20525	1RB#0	23.13	PASS
Band5	3MHz	16QAM	20525	1RB#0	22.05	PASS
Band5	3MHz	QPSK	20525	1RB#8	23.20	PASS
Band5	3MHz	16QAM	20525	1RB#8	22.07	PASS
Band5	3MHz	QPSK	20525	1RB#14	23.18	PASS
Band5	3MHz	16QAM	20525	1RB#14	21.97	PASS
Band5	3MHz	QPSK	20525	8RB#0	22.14	PASS
Band5	3MHz	16QAM	20525	8RB#0	21.14	PASS
Band5	3MHz	QPSK	20525	8RB#4	22.15	PASS
Band5	3MHz	16QAM	20525	8RB#4	21.10	PASS
Band5	3MHz	QPSK	20525	8RB#7	22.13	PASS
Band5	3MHz	16QAM	20525	8RB#7	21.18	PASS
Band5	3MHz	QPSK	20525	15RB#0	22.16	PASS
Band5	3MHz	16QAM	20525	15RB#0	21.14	PASS
Band5	3MHz	QPSK	20635	1RB#0	23.09	PASS
Band5	3MHz	16QAM	20635	1RB#0	21.88	PASS
Band5	3MHz	QPSK	20635	1RB#8	23.14	PASS
Band5	3MHz	16QAM	20635	1RB#8	21.91	PASS
Band5	3MHz	QPSK	20635	1RB#14	23.01	PASS



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Band5	3MHz	16QAM	20635	1RB#14	21.86	PASS
Band5	3MHz	QPSK	20635	8RB#0	22.10	PASS
Band5	3MHz	16QAM	20635	8RB#0	21.11	PASS
Band5	3MHz	QPSK	20635	8RB#4	22.10	PASS
Band5	3MHz	16QAM	20635	8RB#4	21.06	PASS
Band5	3MHz	QPSK	20635	8RB#7	22.11	PASS
Band5	3MHz	16QAM	20635	8RB#7	21.09	PASS
Band5	3MHz	QPSK	20635	15RB#0	22.06	PASS
Band5	3MHz	16QAM	20635	15RB#0	21.04	PASS
Band5	5MHz	QPSK	20425	1RB#0	23.21	PASS
Band5	5MHz	16QAM	20425	1RB#0	22.15	PASS
Band5	5MHz	QPSK	20425	1RB#12	23.35	PASS
Band5	5MHz	16QAM	20425	1RB#12	22.24	PASS
Band5	5MHz	QPSK	20425	1RB#24	23.23	PASS
Band5	5MHz	16QAM	20425	1RB#24	22.14	PASS
Band5	5MHz	QPSK	20425	12RB#0	22.20	PASS
Band5	5MHz	16QAM	20425	12RB#0	21.18	PASS
Band5	5MHz	QPSK	20425	12RB#6	22.28	PASS
Band5	5MHz	16QAM	20425	12RB#6	21.18	PASS
Band5	5MHz	QPSK	20425	12RB#13	22.26	PASS
Band5	5MHz	16QAM	20425	12RB#13	21.20	PASS
Band5	5MHz	QPSK	20425	25RB#0	22.31	PASS
Band5	5MHz	16QAM	20425	25RB#0	21.28	PASS
Band5	5MHz	QPSK	20525	1RB#0	23.11	PASS
Band5	5MHz	16QAM	20525	1RB#0	22.15	PASS
Band5	5MHz	QPSK	20525	1RB#12	23.20	PASS
Band5	5MHz	16QAM	20525	1RB#12	22.28	PASS
Band5	5MHz	QPSK	20525	1RB#24	23.01	PASS
Band5	5MHz	16QAM	20525	1RB#24	22.09	PASS
Band5	5MHz	QPSK	20525	12RB#0	22.12	PASS
Band5	5MHz	16QAM	20525	12RB#0	21.19	PASS
Band5	5MHz	QPSK	20525	12RB#6	22.12	PASS
Band5	5MHz	16QAM	20525	12RB#6	21.19	PASS
Band5	5MHz	QPSK	20525	12RB#13	22.18	PASS
Band5	5MHz	16QAM	20525	12RB#13	21.14	PASS
Band5	5MHz	QPSK	20525	25RB#0	22.20	PASS
Band5	5MHz	16QAM	20525	25RB#0	21.18	PASS
Band5	5MHz	QPSK	20625	1RB#0	23.00	PASS
Band5	5MHz	16QAM	20625	1RB#0	21.92	PASS
Band5	5MHz	QPSK	20625	1RB#12	23.19	PASS



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Band5	5MHz	16QAM	20625	1RB#12	22.09	PASS
Band5	5MHz	QPSK	20625	1RB#24	23.04	PASS
Band5	5MHz	16QAM	20625	1RB#24	21.90	PASS
Band5	5MHz	QPSK	20625	12RB#0	22.10	PASS
Band5	5MHz	16QAM	20625	12RB#0	21.09	PASS
Band5	5MHz	QPSK	20625	12RB#6	22.11	PASS
Band5	5MHz	16QAM	20625	12RB#6	21.13	PASS
Band5	5MHz	QPSK	20625	12RB#13	22.08	PASS
Band5	5MHz	16QAM	20625	12RB#13	21.14	PASS
Band5	5MHz	QPSK	20625	25RB#0	22.16	PASS
Band5	5MHz	16QAM	20625	25RB#0	21.16	PASS
Band5	10MHz	QPSK	20450	1RB#0	23.26	PASS
Band5	10MHz	16QAM	20450	1RB#0	22.25	PASS
Band5	10MHz	QPSK	20450	1RB#24	23.42	PASS
Band5	10MHz	16QAM	20450	1RB#24	22.37	PASS
Band5	10MHz	QPSK	20450	1RB#49	23.12	PASS
Band5	10MHz	16QAM	20450	1RB#49	22.20	PASS
Band5	10MHz	QPSK	20450	25RB#0	22.31	PASS
Band5	10MHz	16QAM	20450	25RB#0	21.34	PASS
Band5	10MHz	QPSK	20450	25RB#12	22.33	PASS
Band5	10MHz	16QAM	20450	25RB#12	21.36	PASS
Band5	10MHz	QPSK	20450	25RB#25	22.31	PASS
Band5	10MHz	16QAM	20450	25RB#25	21.31	PASS
Band5	10MHz	QPSK	20450	50RB#0	22.34	PASS
Band5	10MHz	16QAM	20450	50RB#0	21.32	PASS
Band5	10MHz	QPSK	20525	1RB#0	23.25	PASS
Band5	10MHz	16QAM	20525	1RB#0	22.11	PASS
Band5	10MHz	QPSK	20525	1RB#24	23.35	PASS
Band5	10MHz	16QAM	20525	1RB#24	22.15	PASS
Band5	10MHz	QPSK	20525	1RB#49	23.12	PASS
Band5	10MHz	16QAM	20525	1RB#49	21.95	PASS
Band5	10MHz	QPSK	20525	25RB#0	22.27	PASS
Band5	10MHz	16QAM	20525	25RB#0	21.26	PASS
Band5	10MHz	QPSK	20525	25RB#12	22.28	PASS
Band5	10MHz	16QAM	20525	25RB#12	21.23	PASS
Band5	10MHz	QPSK	20525	25RB#25	22.24	PASS
Band5	10MHz	16QAM	20525	25RB#25	21.25	PASS
Band5	10MHz	QPSK	20525	50RB#0	22.25	PASS
Band5	10MHz	16QAM	20525	50RB#0	21.24	PASS
Band5	10MHz	QPSK	20600	1RB#0	23.16	PASS



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Band5	10MHz	16QAM	20600	1RB#0	21.91	PASS
Band5	10MHz	QPSK	20600	1RB#24	23.15	PASS
Band5	10MHz	16QAM	20600	1RB#24	21.97	PASS
Band5	10MHz	QPSK	20600	1RB#49	23.04	PASS
Band5	10MHz	16QAM	20600	1RB#49	21.85	PASS
Band5	10MHz	QPSK	20600	25RB#0	22.23	PASS
Band5	10MHz	16QAM	20600	25RB#0	21.27	PASS
Band5	10MHz	QPSK	20600	25RB#12	22.24	PASS
Band5	10MHz	16QAM	20600	25RB#12	21.22	PASS
Band5	10MHz	QPSK	20600	25RB#25	22.16	PASS
Band5	10MHz	16QAM	20600	25RB#25	21.25	PASS
Band5	10MHz	QPSK	20600	50RB#0	22.18	PASS
Band5	10MHz	16QAM	20600	50RB#0	21.15	PASS





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

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	3.20	13	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	4.31	13	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	4.33	13	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	5.14	13	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	3.56	13	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	4.53	13	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	4.55	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	5.39	13	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	2.41	13	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	3.65	13	PASS
Band5	3MHz	QPSK	20415	1RB#0	4.58	13	PASS
Band5	3MHz	16QAM	20415	1RB#0	5.46	13	PASS
Band5	3MHz	QPSK	20415	15RB#0	5.25	13	PASS
Band5	3MHz	16QAM	20415	15RB#0	6.01	13	PASS
Band5	3MHz	QPSK	20525	1RB#0	5.12	13	PASS
Band5	3MHz	16QAM	20525	1RB#0	5.85	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	5.62	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	6.34	13	PASS
Band5	3MHz	QPSK	20635	1RB#0	4.67	13	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	3.44	13	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	4.40	13	PASS
Band5	3MHz	16QAM	20635	1RB#0	5.81	13	PASS
Band5	3MHz	QPSK	20635	15RB#0	5.36	13	PASS
Band5	3MHz	16QAM	20635	15RB#0	6.23	13	PASS
Band5	5MHz	QPSK	20425	1RB#0	4.72	13	PASS
Band5	5MHz	16QAM	20425	1RB#0	5.34	13	PASS
Band5	5MHz	QPSK	20425	25RB#0	5.47	13	PASS
Band5	5MHz	16QAM	20425	25RB#0	6.13	13	PASS
Band5	5MHz	QPSK	20525	1RB#0	5.19	13	PASS
Band5	5MHz	16QAM	20525	1RB#0	5.85	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	5.70	13	PASS
Band5	5MHz	16QAM	20525	25RB#0	6.34	13	PASS
Band5	5MHz	QPSK	20625	1RB#0	4.05	13	PASS
Band5	5MHz	16QAM	20625	1RB#0	4.82	13	PASS



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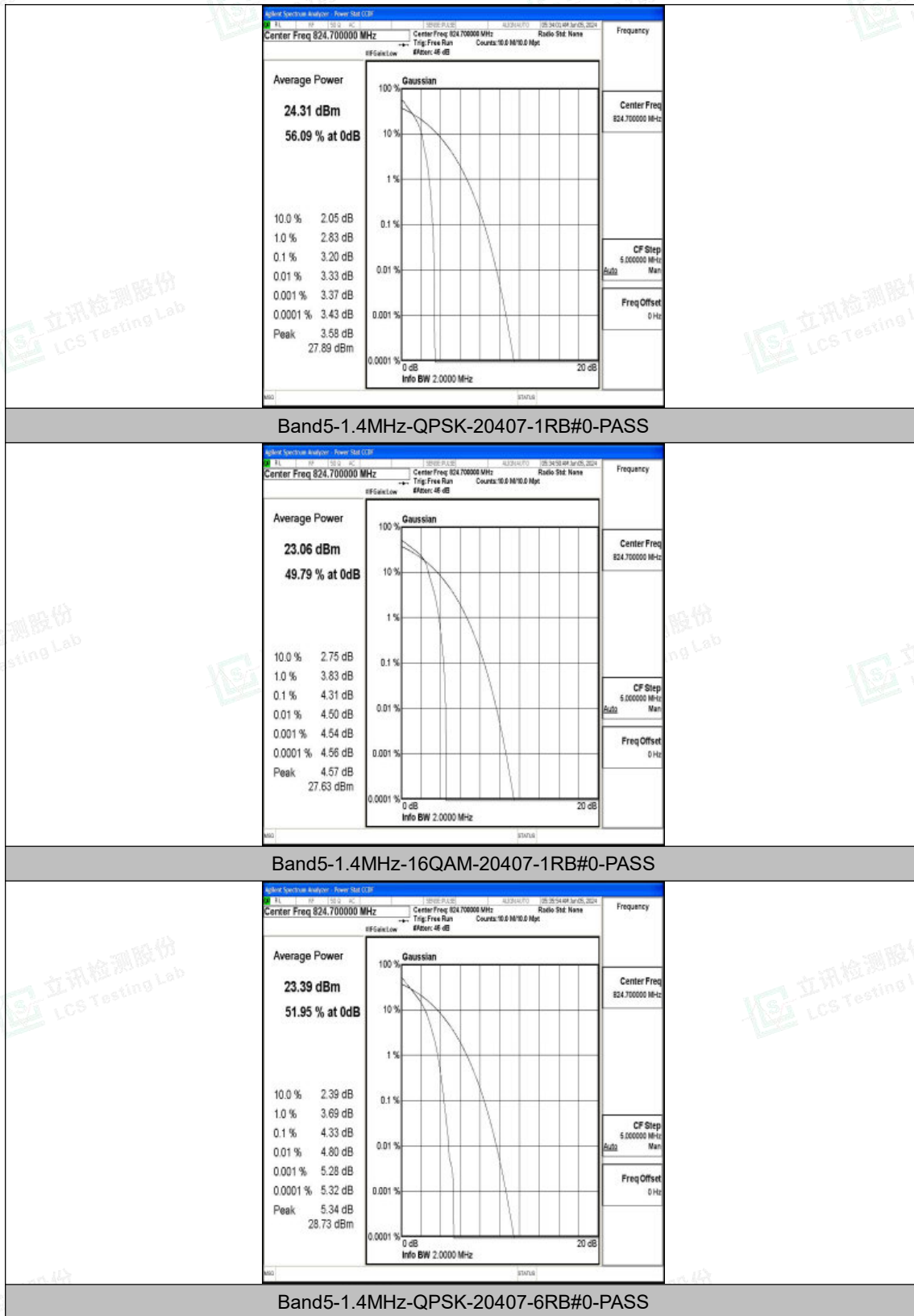


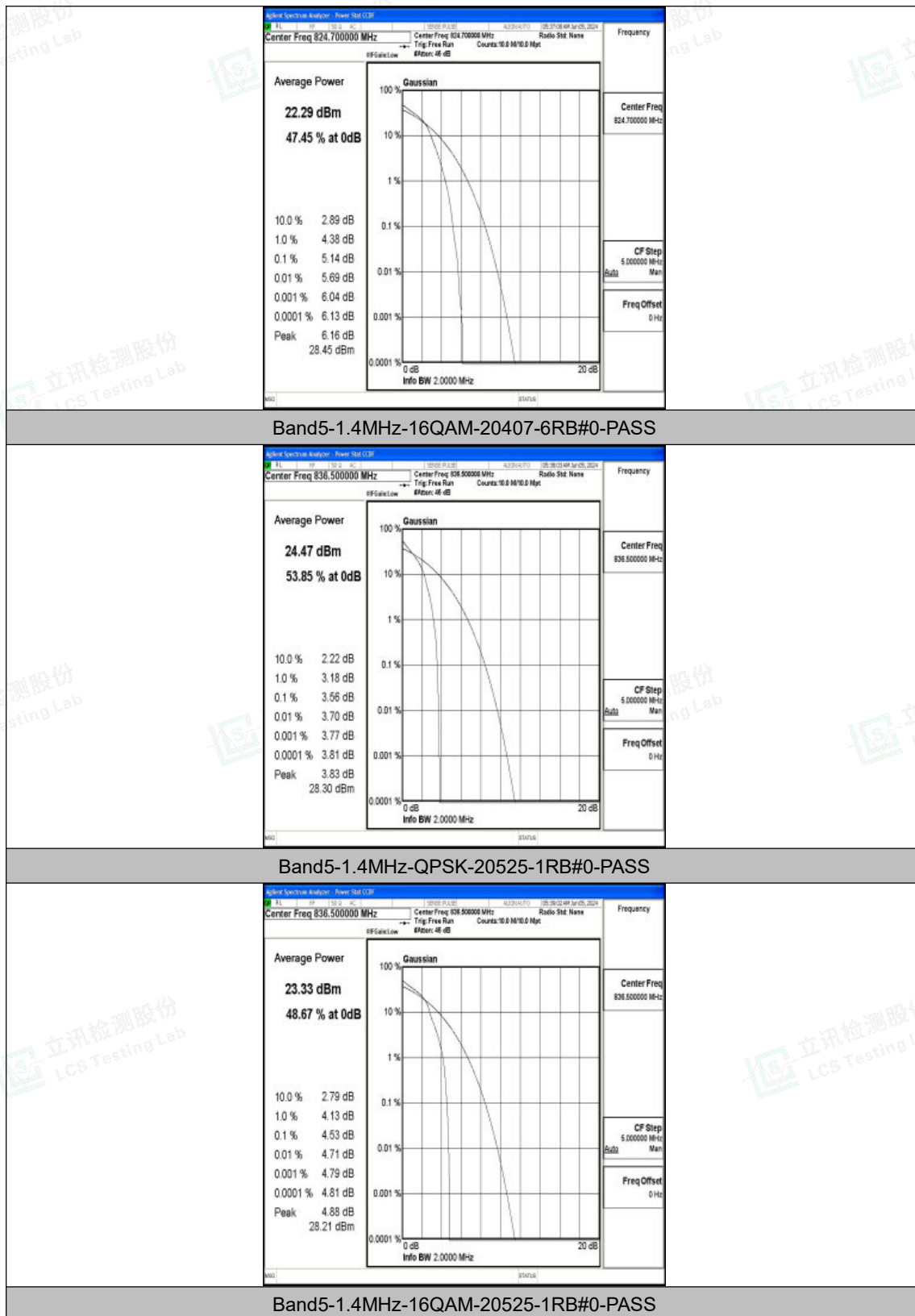
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Band5	5MHz	16QAM	20625	25RB#0	6.24	13	PASS
Band5	10MHz	QPSK	20450	1RB#0	4.59	13	PASS
Band5	10MHz	16QAM	20450	1RB#0	5.47	13	PASS
Band5	10MHz	QPSK	20450	50RB#0	5.53	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	6.23	13	PASS
Band5	10MHz	QPSK	20525	1RB#0	4.79	13	PASS
Band5	10MHz	16QAM	20525	1RB#0	5.61	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.56	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	6.32	13	PASS
Band5	10MHz	QPSK	20600	1RB#0	4.52	13	PASS
Band5	10MHz	16QAM	20600	1RB#0	5.66	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	5.53	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	6.22	13	PASS





Test Graphs



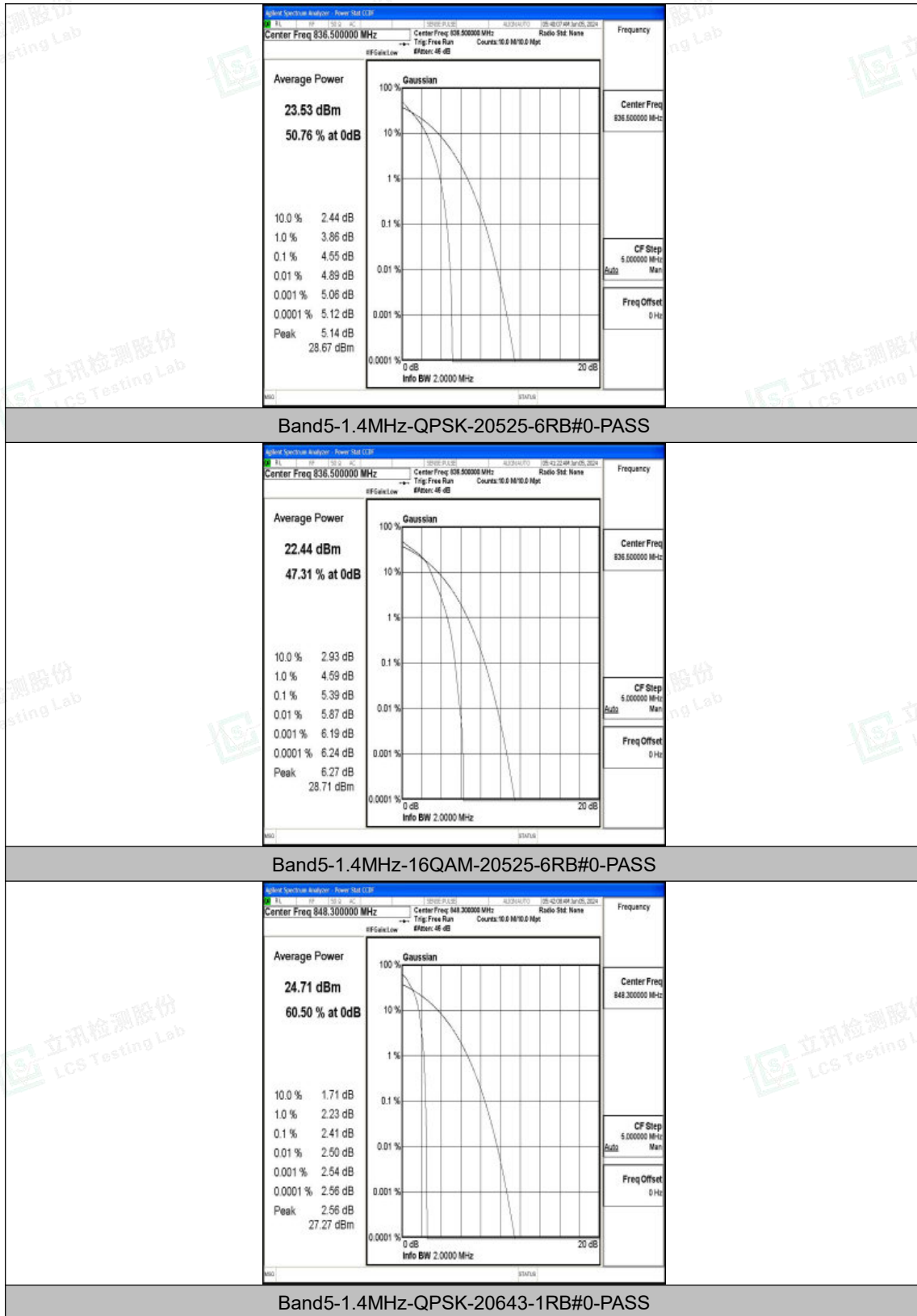


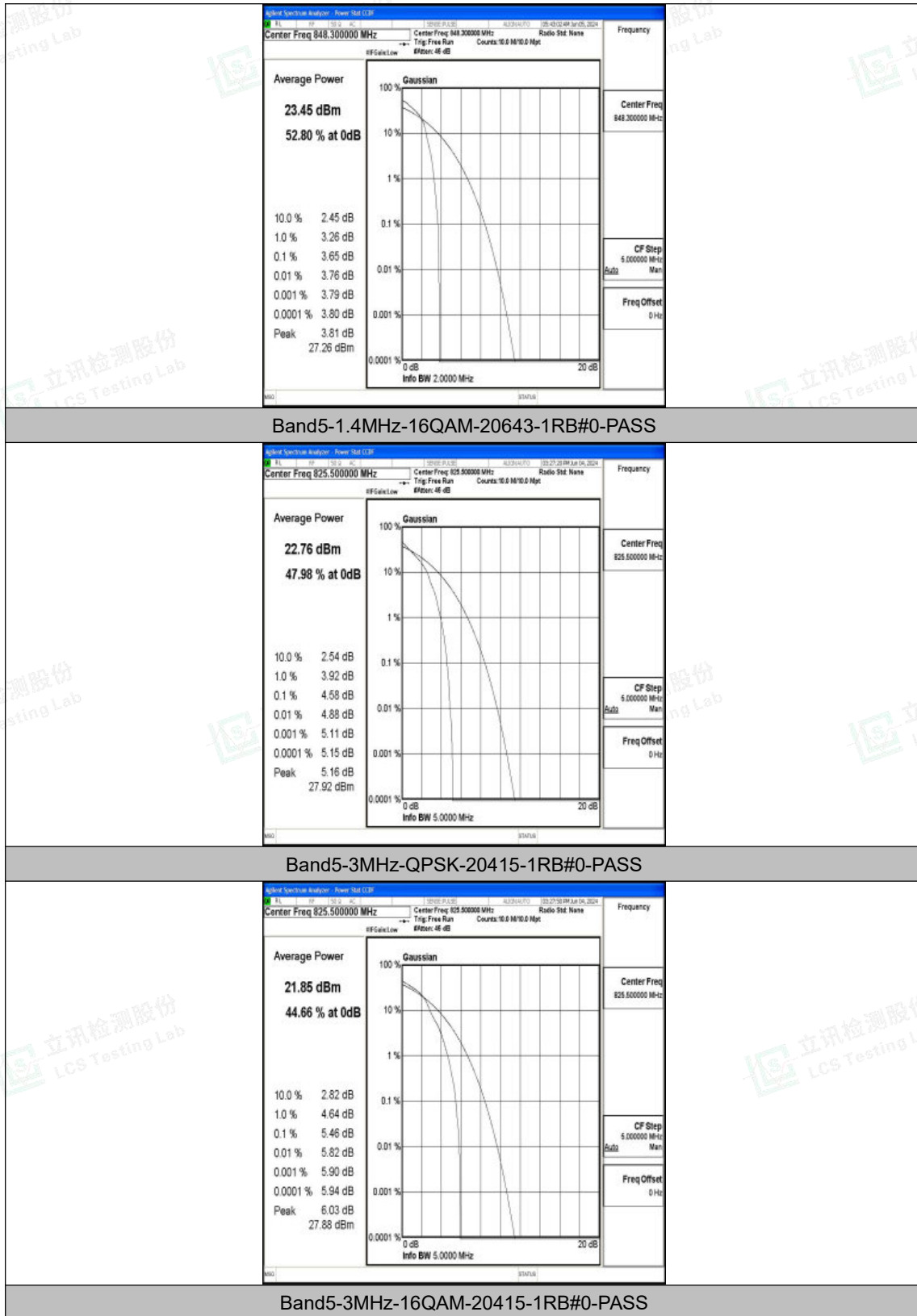
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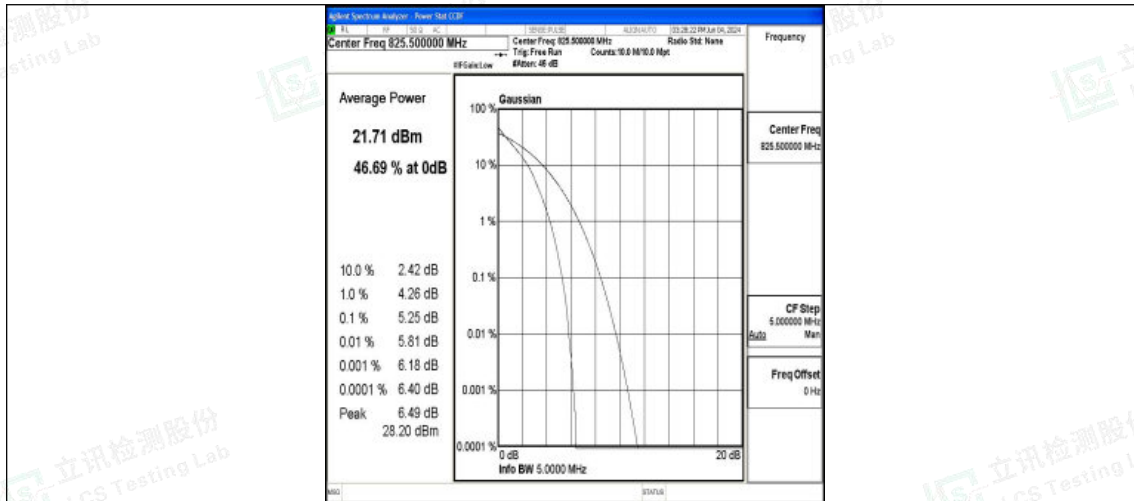


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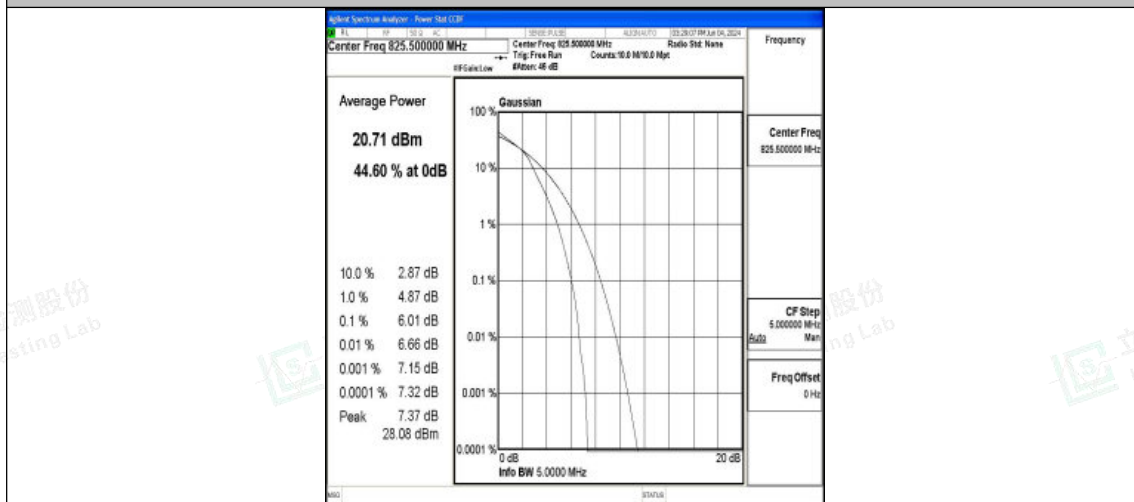
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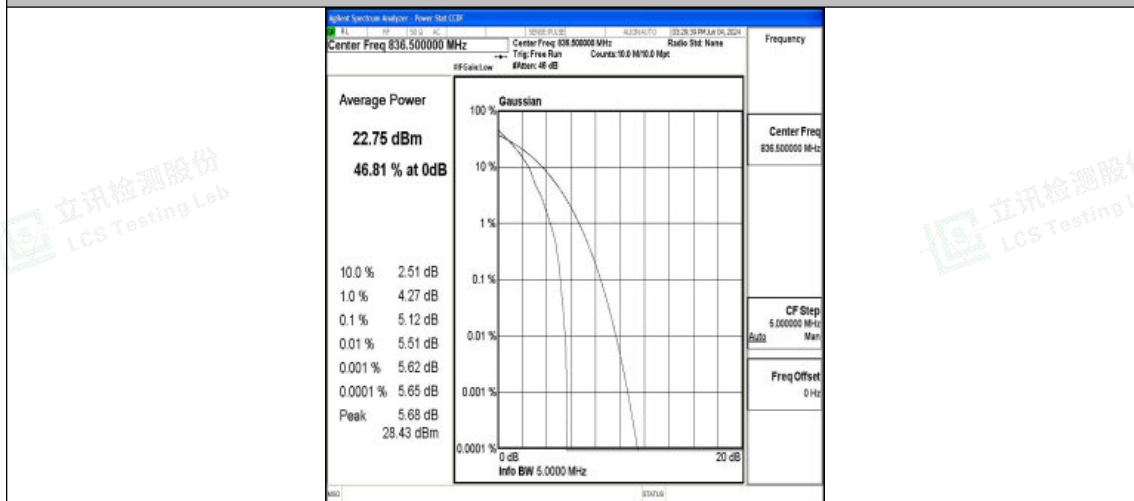
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Band5-3MHz-QPSK-20415-15RB#0-PASS



Band5-3MHz-16QAM-20415-15RB#0-PASS



Band5-3MHz-QPSK-20525-1RB#0-PASS

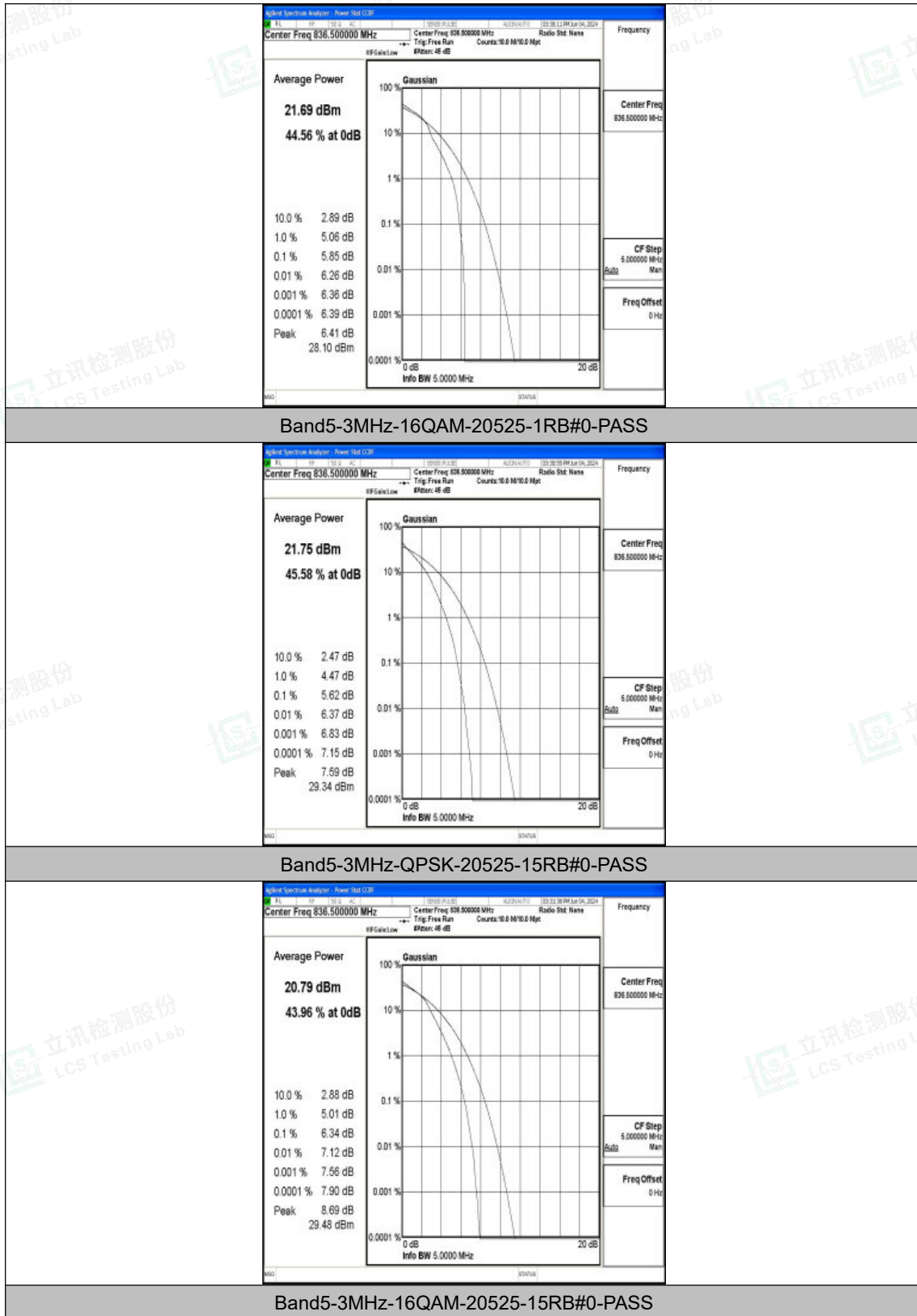


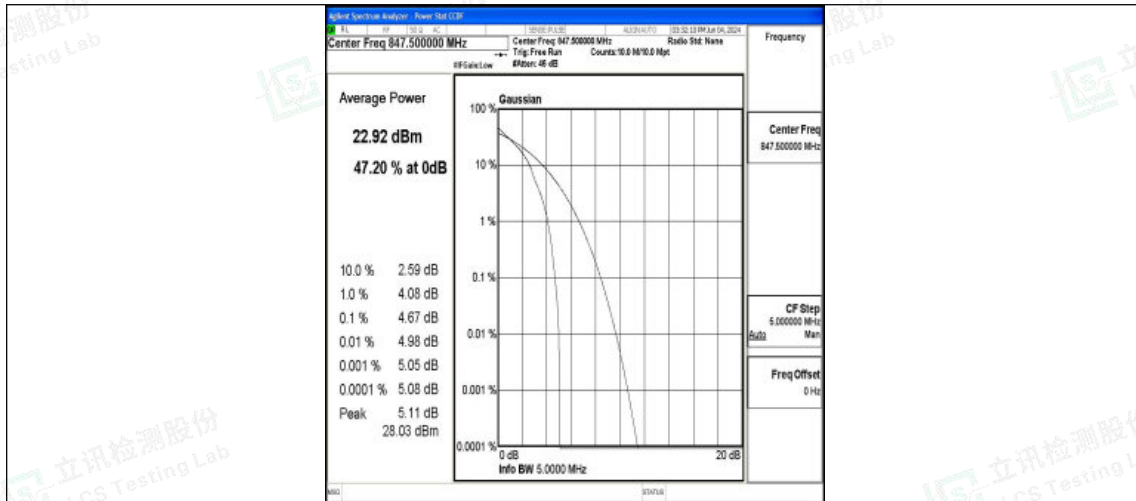
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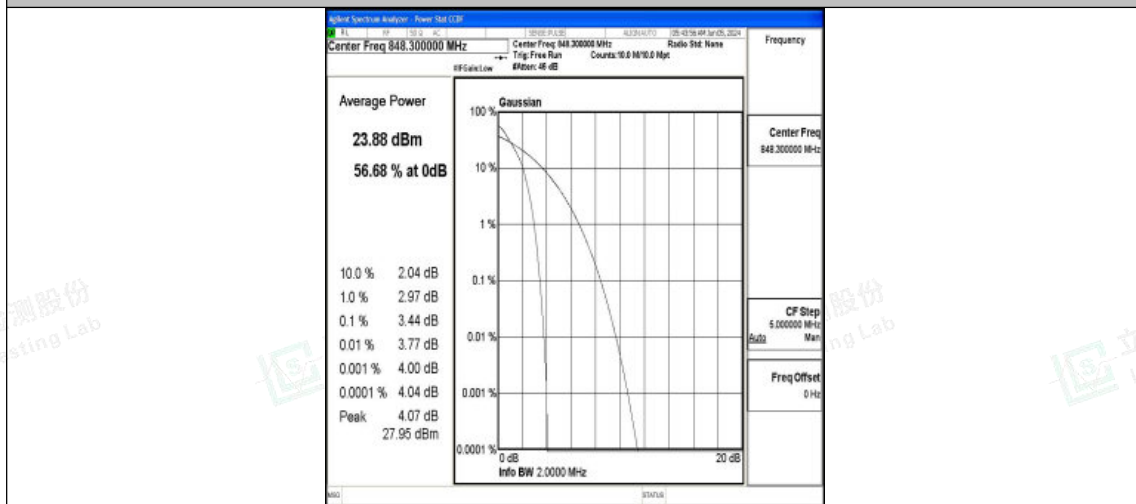
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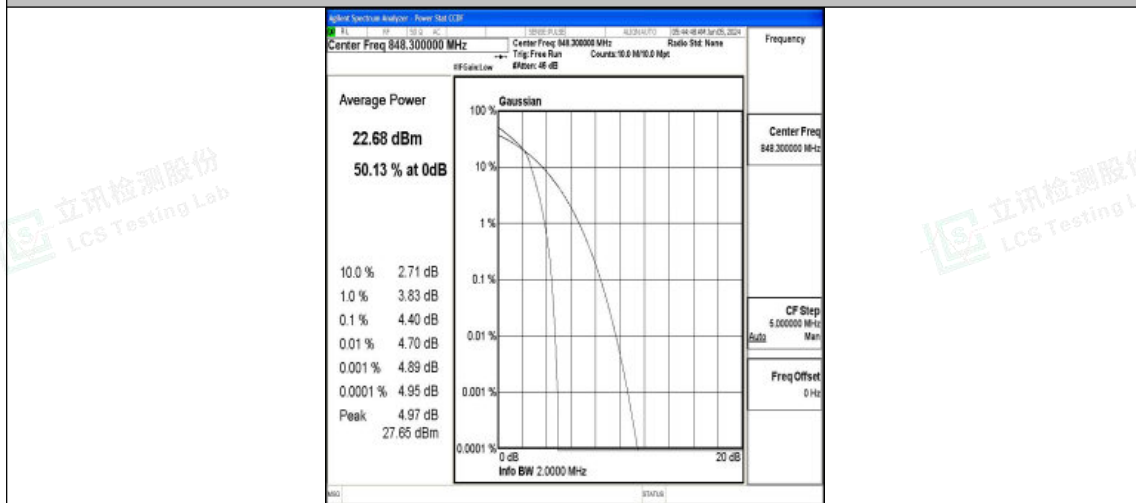




Band5-3MHz-QPSK-20635-1RB#0-PASS



Band5-1.4MHz-QPSK-20643-6RB#0-PASS



Band5-1.4MHz-16QAM-20643-6RB#0-PASS

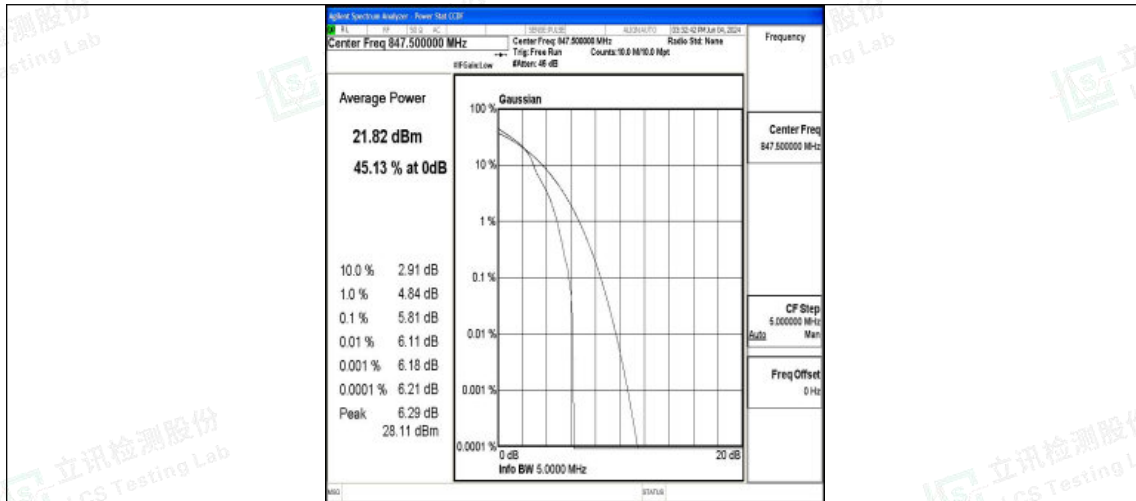


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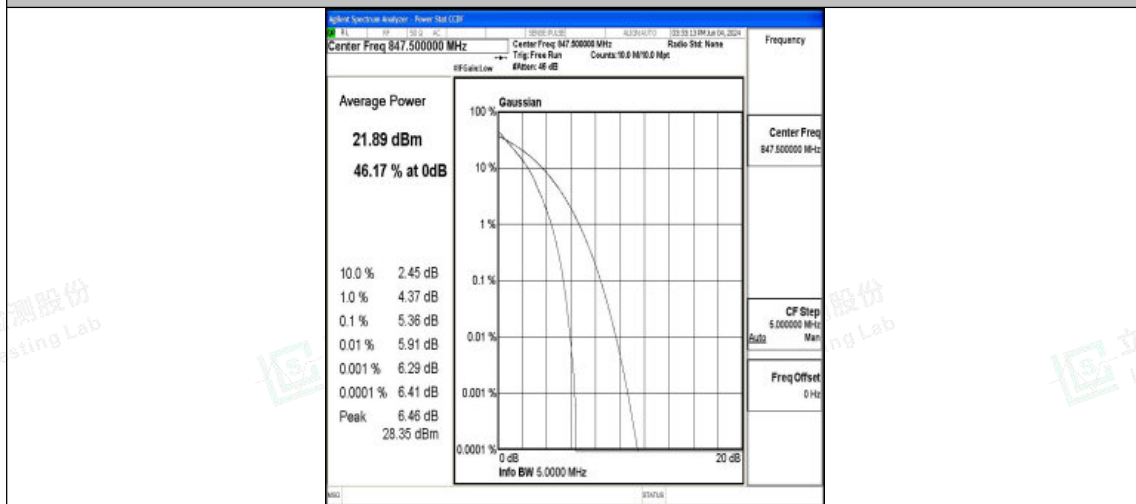
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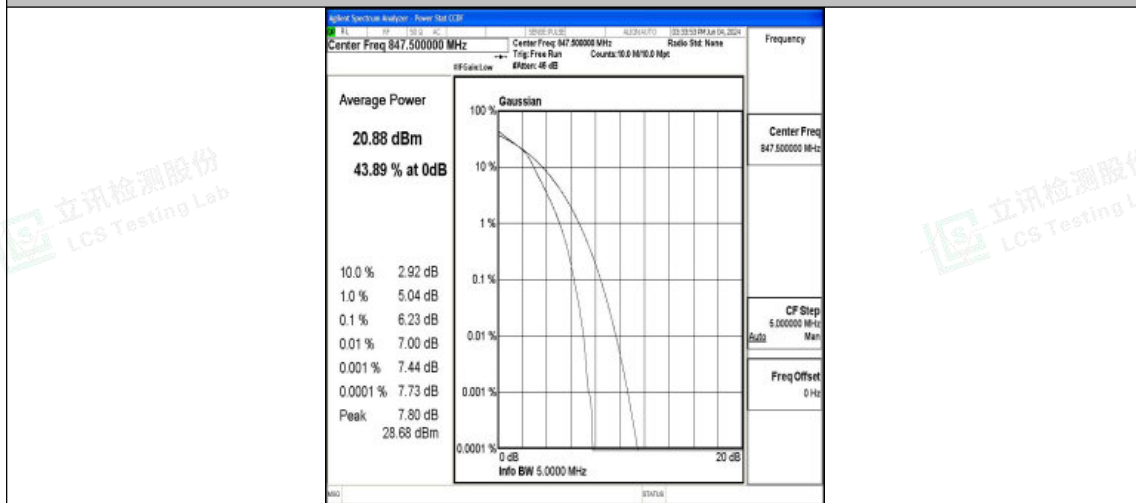
Scan code to check authenticity



Band5-3MHz-16QAM-20635-1RB#0-PASS



Band5-3MHz-QPSK-20635-15RB#0-PASS



Band5-3MHz-16QAM-20635-15RB#0-PASS

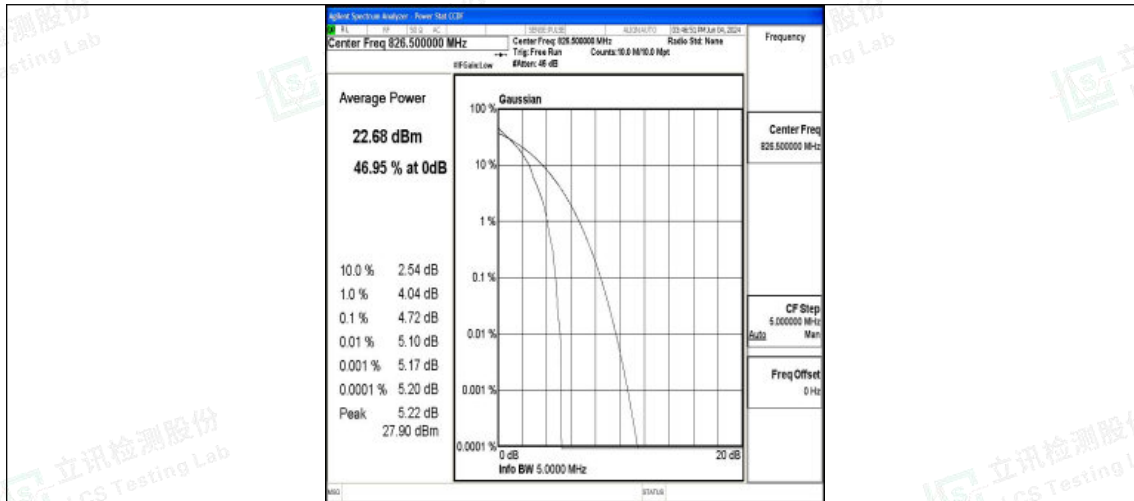


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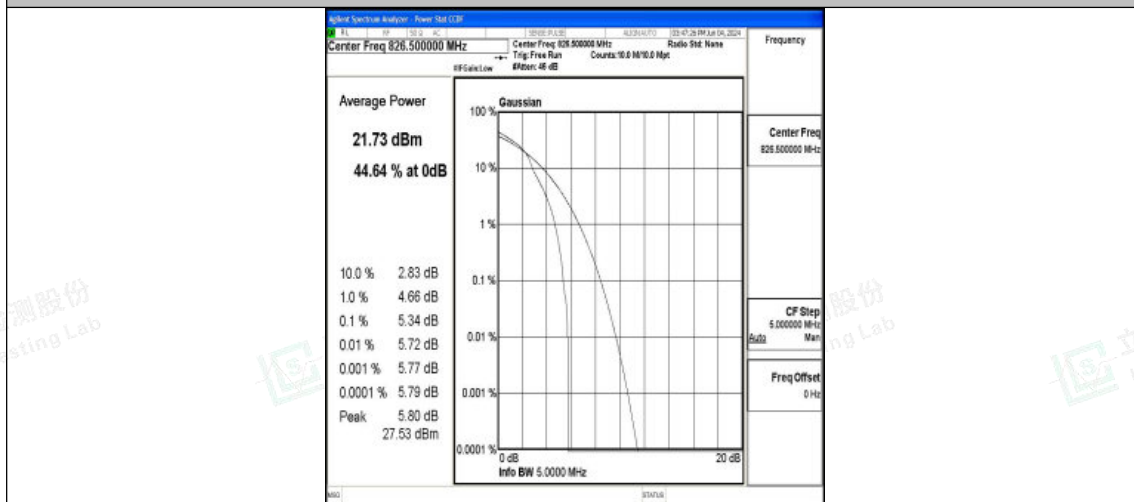
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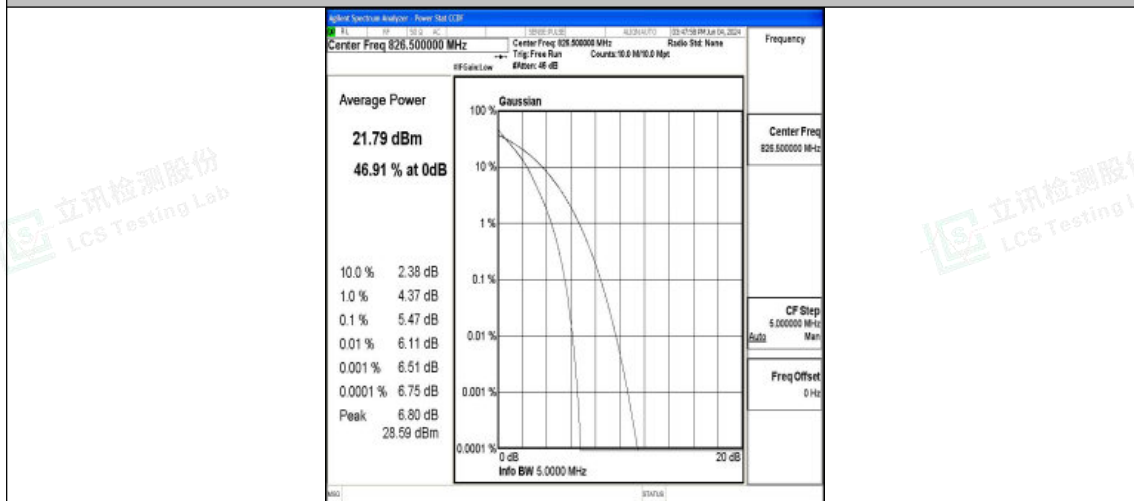
Scan code to check authenticity



Band5-5MHz-QPSK-20425-1RB#0-PASS



Band5-5MHz-16QAM-20425-1RB#0-PASS



Band5-5MHz-QPSK-20425-25RB#0-PASS

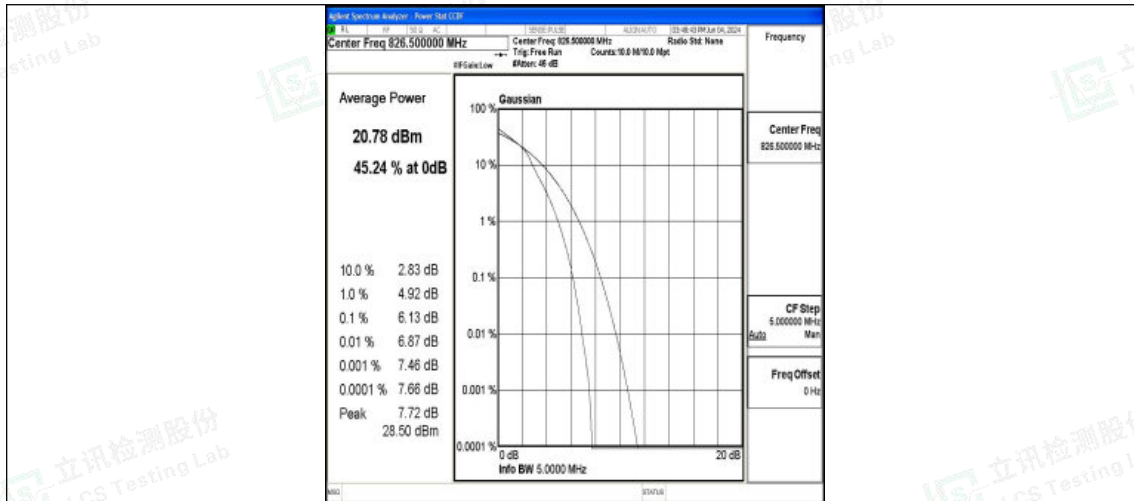


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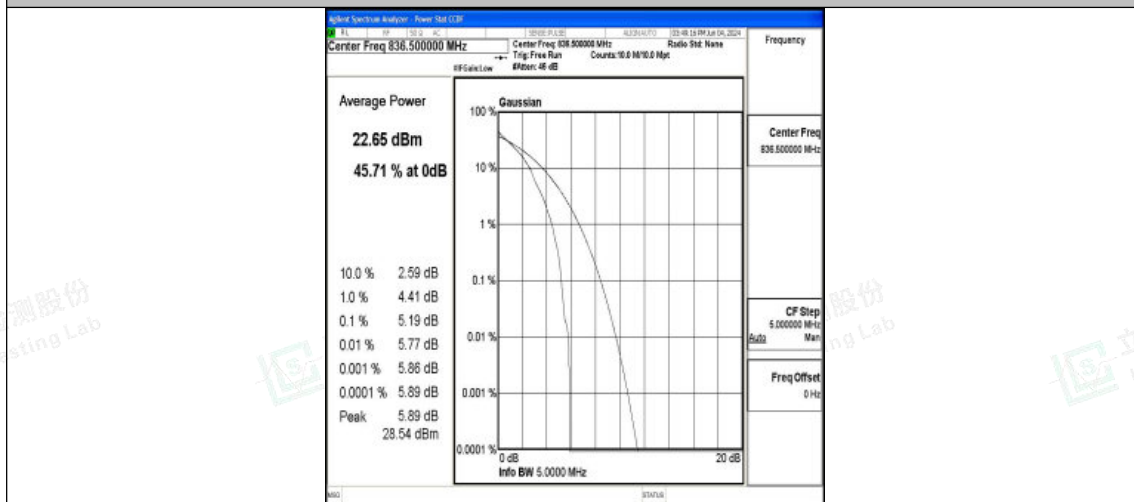
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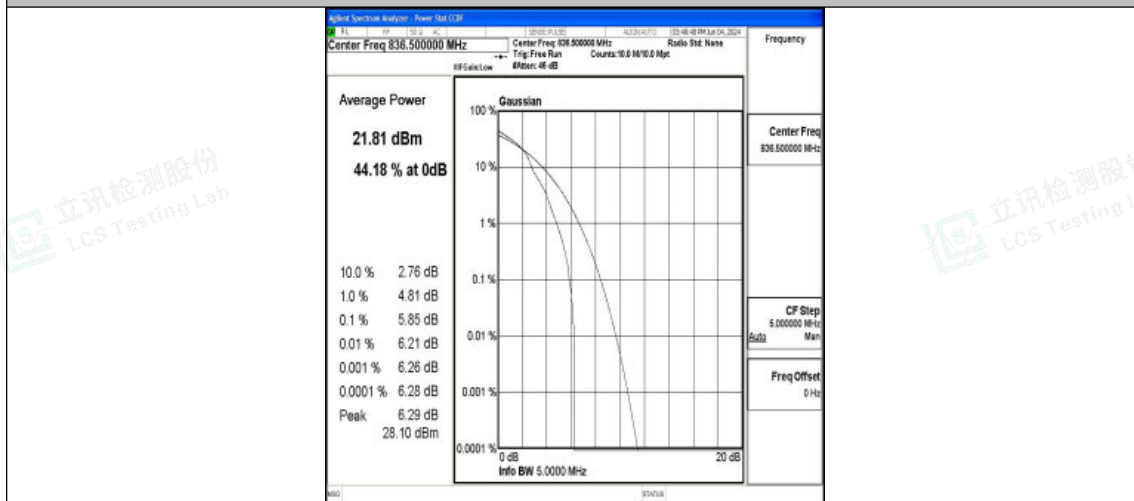
Scan code to check authenticity



Band5-5MHz-16QAM-20425-25RB#0-PASS



Band5-5MHz-QPSK-20525-1RB#0-PASS



Band5-5MHz-16QAM-20525-1RB#0-PASS

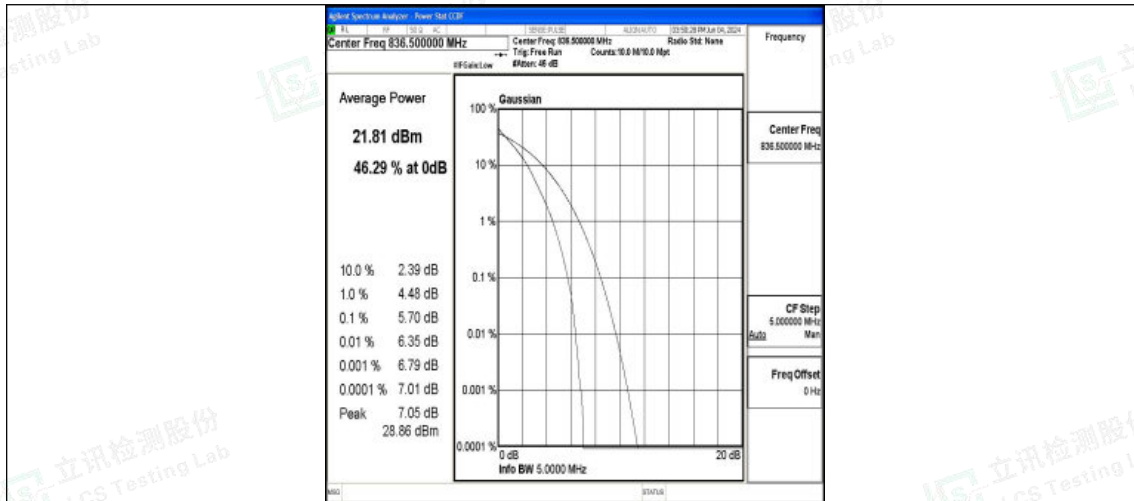


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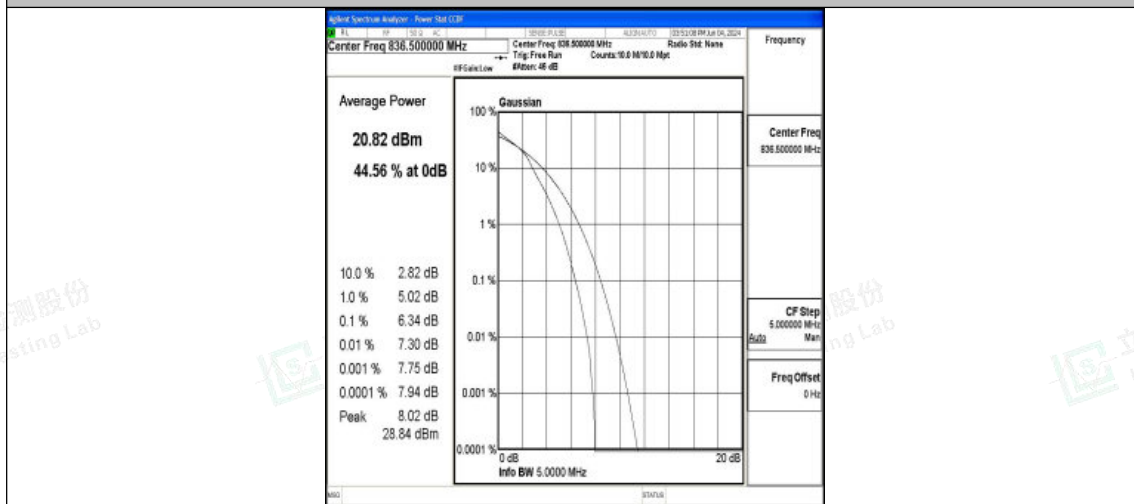
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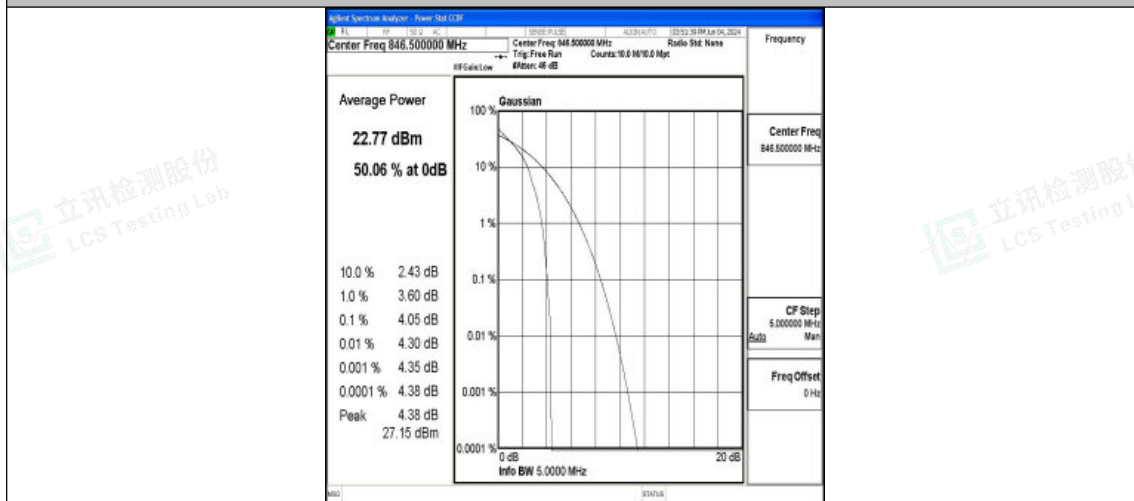
Scan code to check authenticity



Band5-5MHz-QPSK-20525-25RB#0-PASS



Band5-5MHz-16QAM-20525-25RB#0-PASS



Band5-5MHz-QPSK-20625-1RB#0-PASS

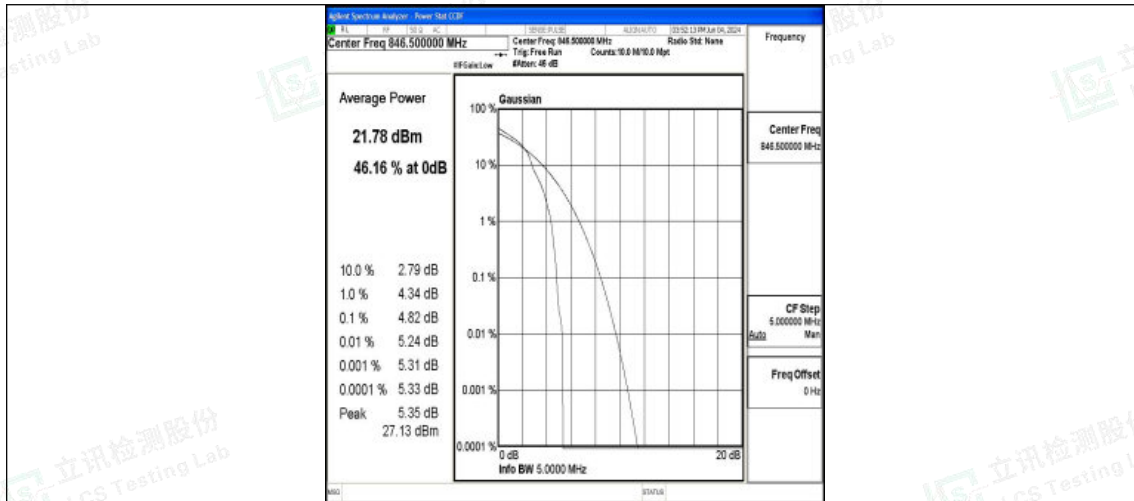


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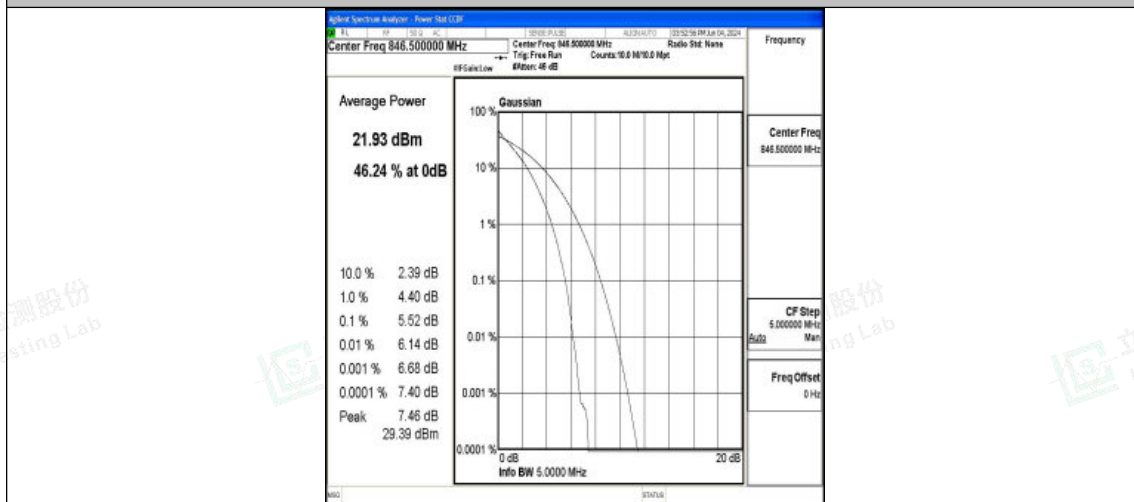
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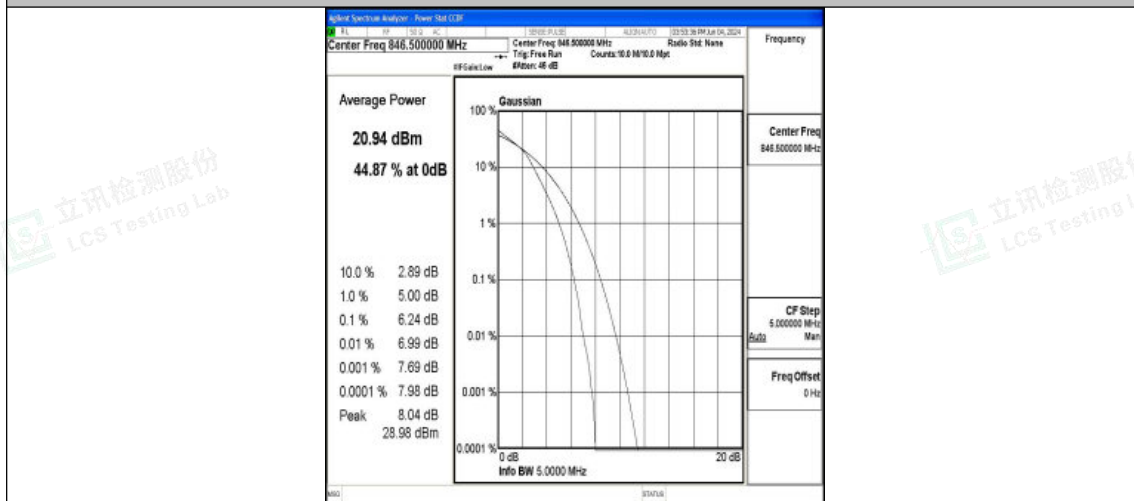
Scan code to check authenticity



Band5-5MHz-16QAM-20625-1RB#0-PASS

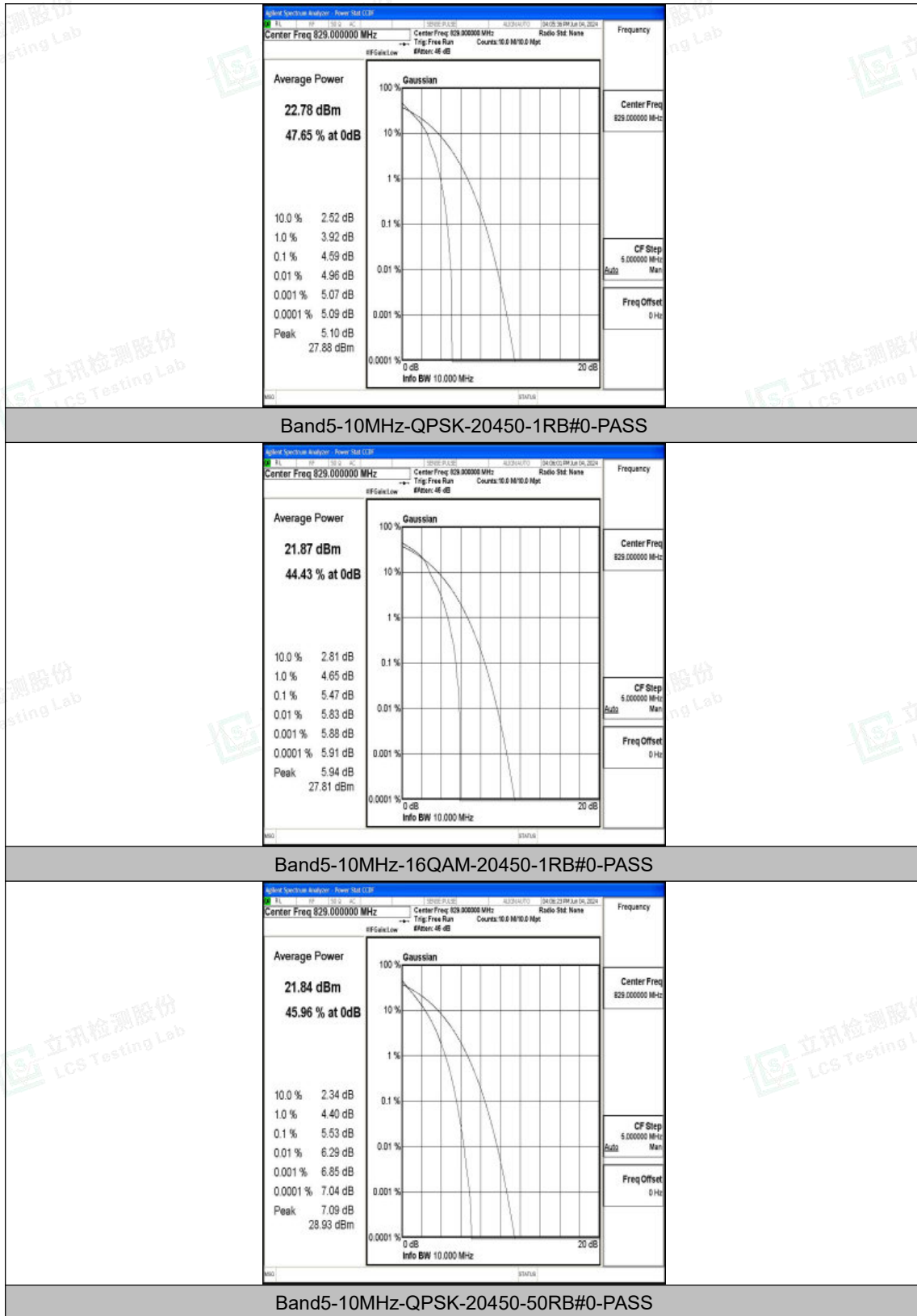


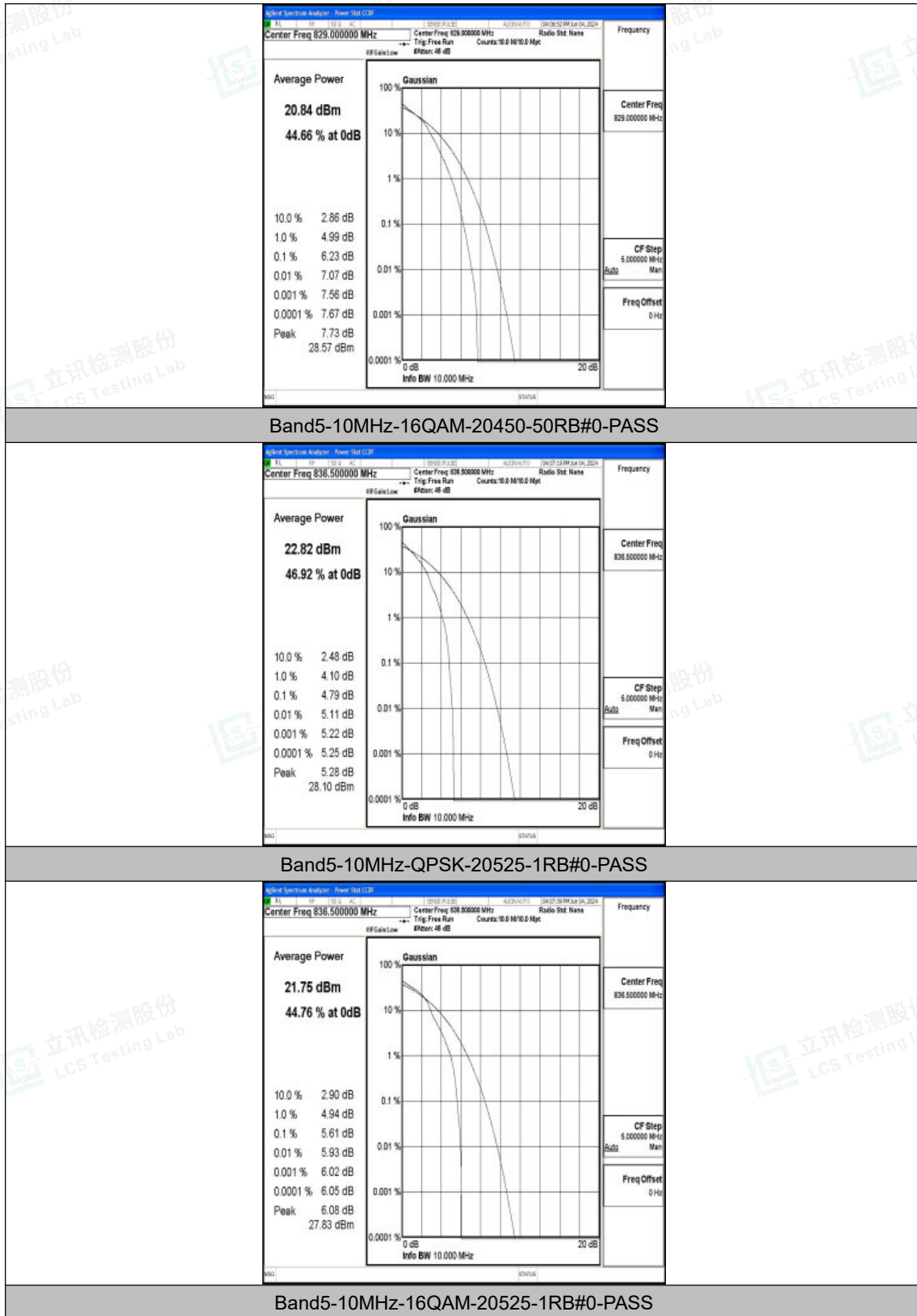
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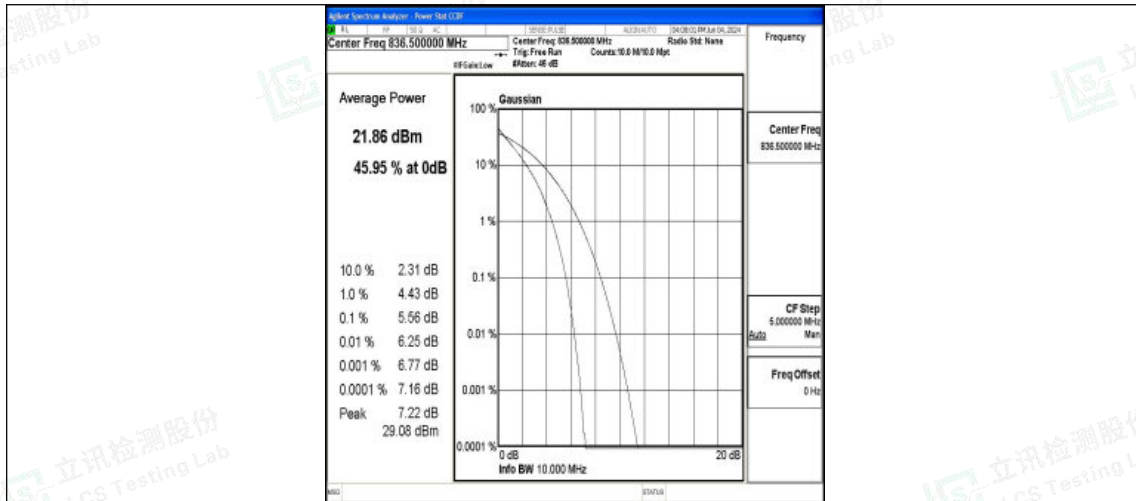


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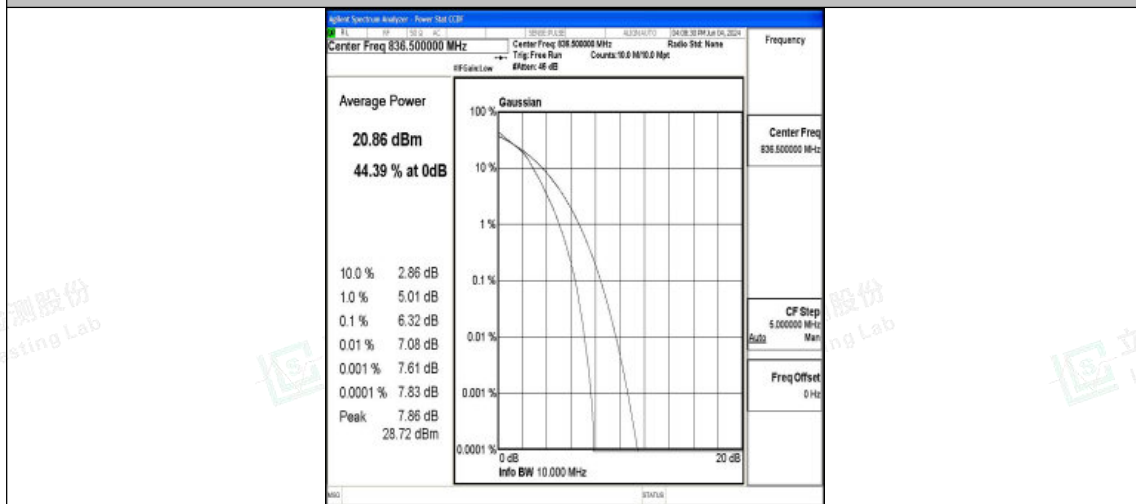




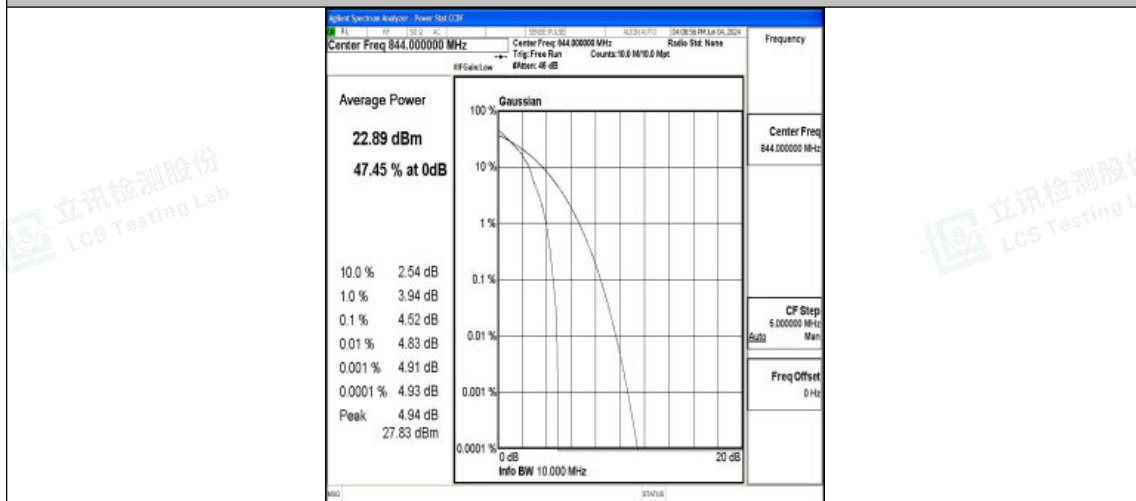




Band5-10MHz-QPSK-20525-50RB#0-PASS



Band5-10MHz-16QAM-20525-50RB#0-PASS



Band5-10MHz-QPSK-20600-1RB#0-PASS

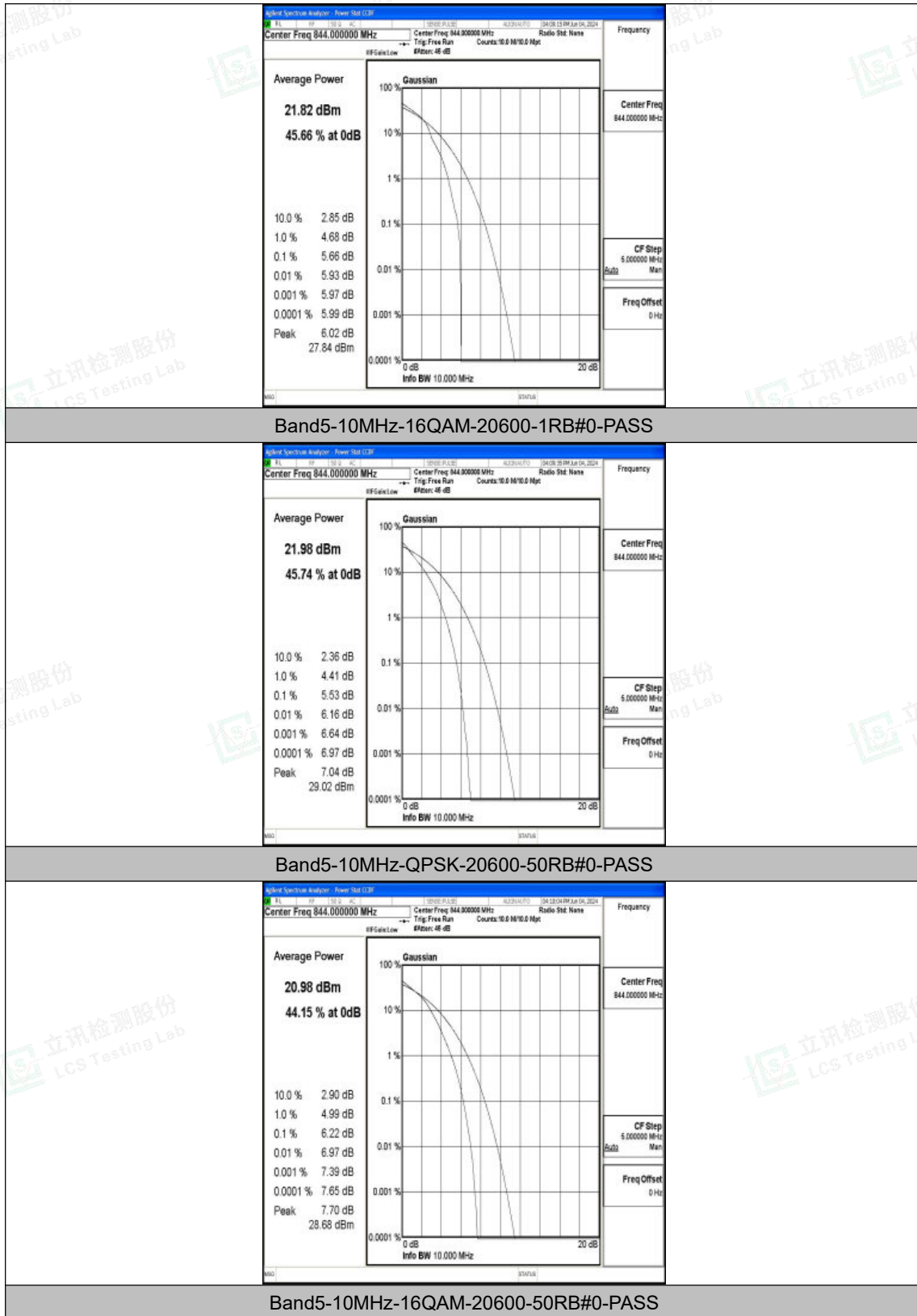


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H.3 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	1.0913	1.288	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.0923	1.304	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.0956	1.297	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.0914	1.289	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.0949	1.296	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.0898	1.271	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.6922	2.868	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.6821	2.909	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.6874	2.917	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.6838	2.927	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.6888	2.874	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.6876	2.897	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.4999	4.946	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.4889	4.919	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.4909	4.914	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.4957	5.037	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.5070	4.924	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.5108	4.969	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.9883	9.801	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.9885	9.715	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.9876	9.729	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.9779	9.768	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.9857	9.749	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.9975	9.753	PASS



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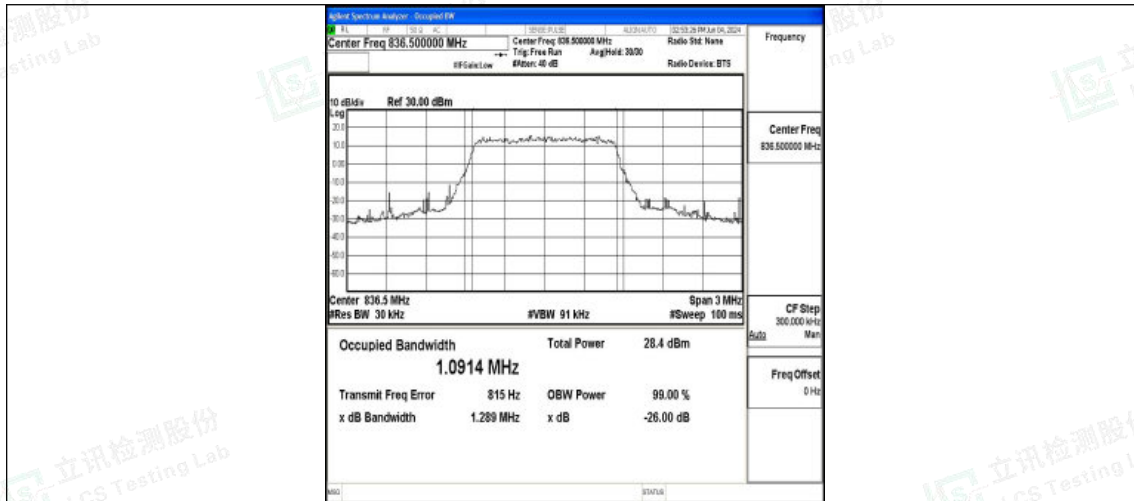
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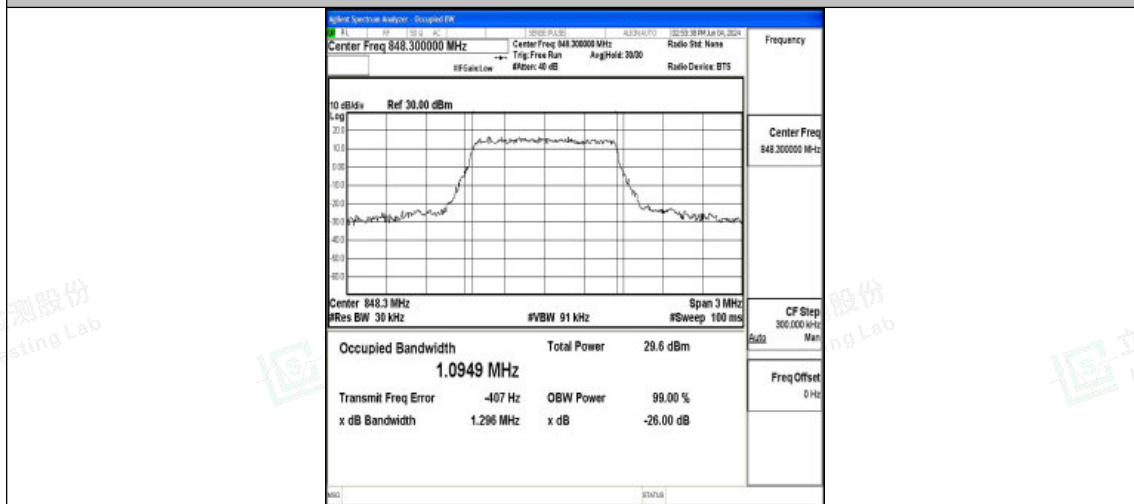


Test Graphs

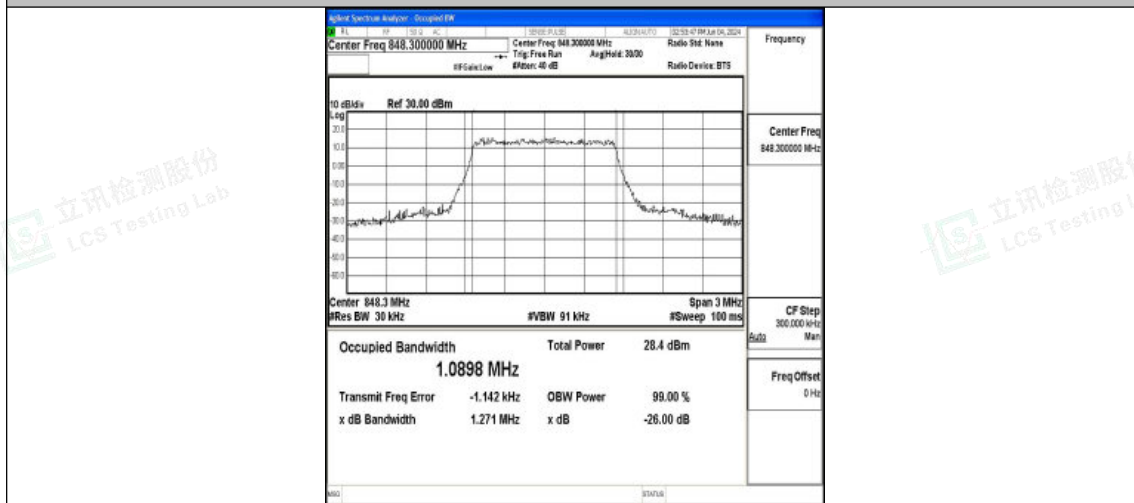




Band5-1.4MHz-16QAM-20525-6RB#0-PASS



Band5-1.4MHz-QPSK-20643-6RB#0-PASS



Band5-1.4MHz-16QAM-20643-6RB#0-PASS

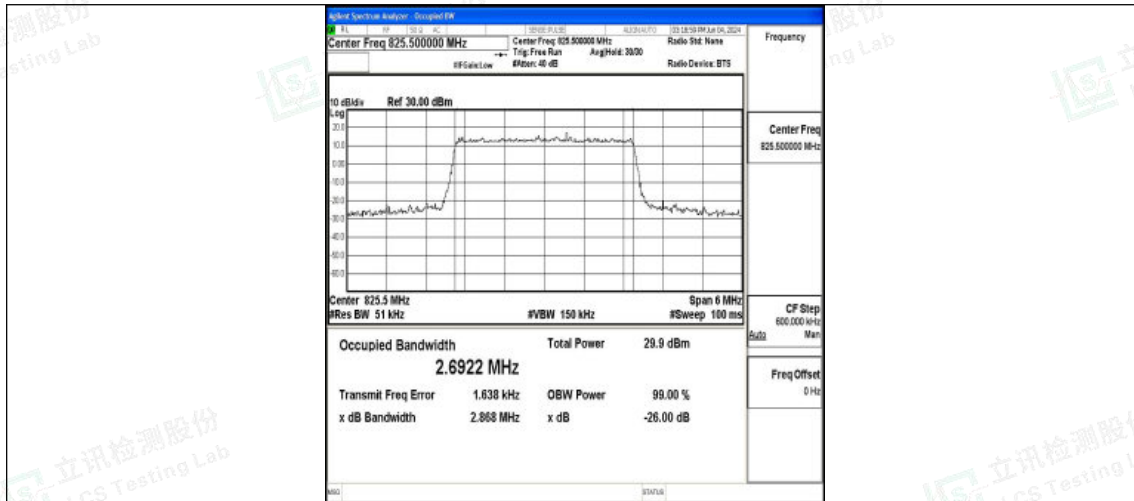


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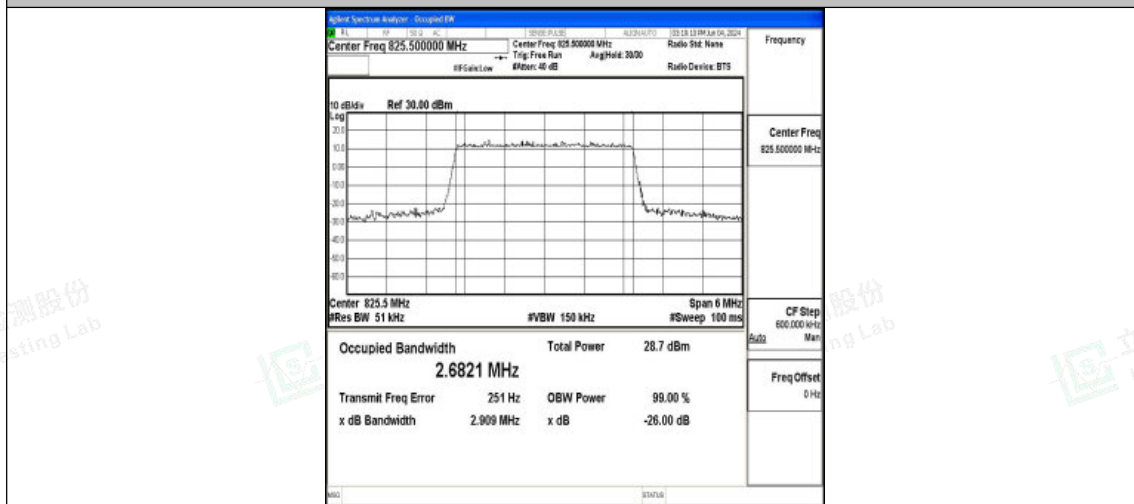
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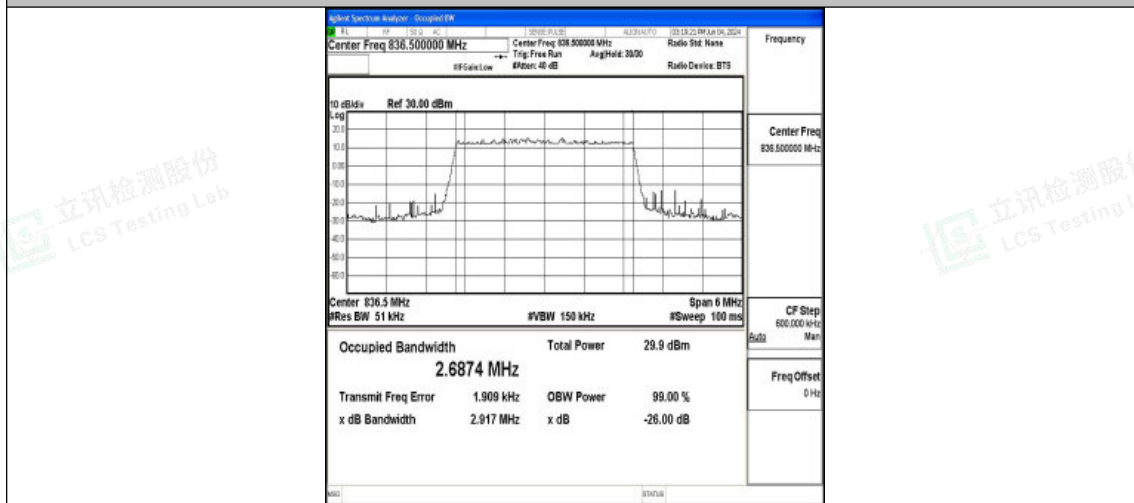
Scan code to check authenticity



Band5-3MHz-QPSK-20415-15RB#0-PASS

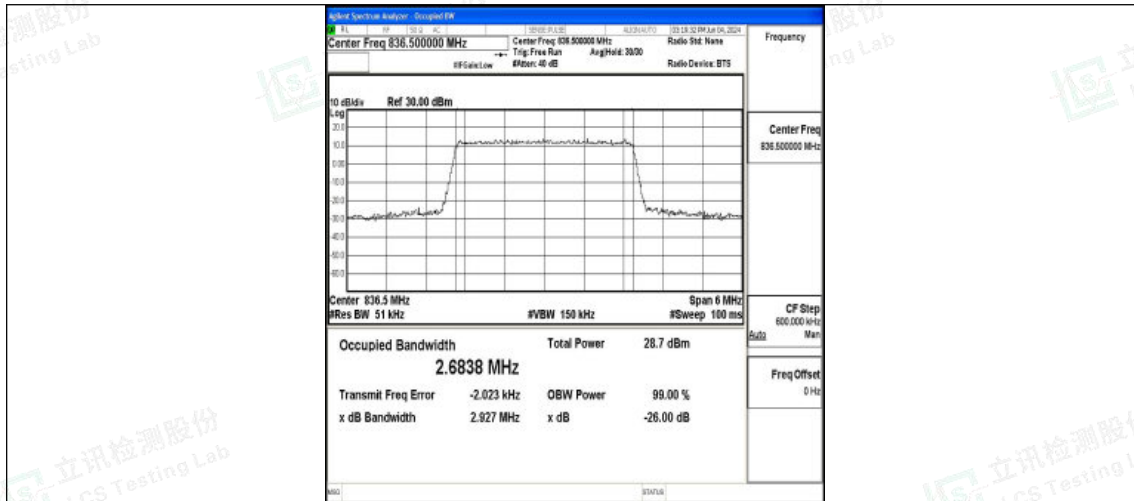


Band5-3MHz-16QAM-20415-15RB#0-PASS

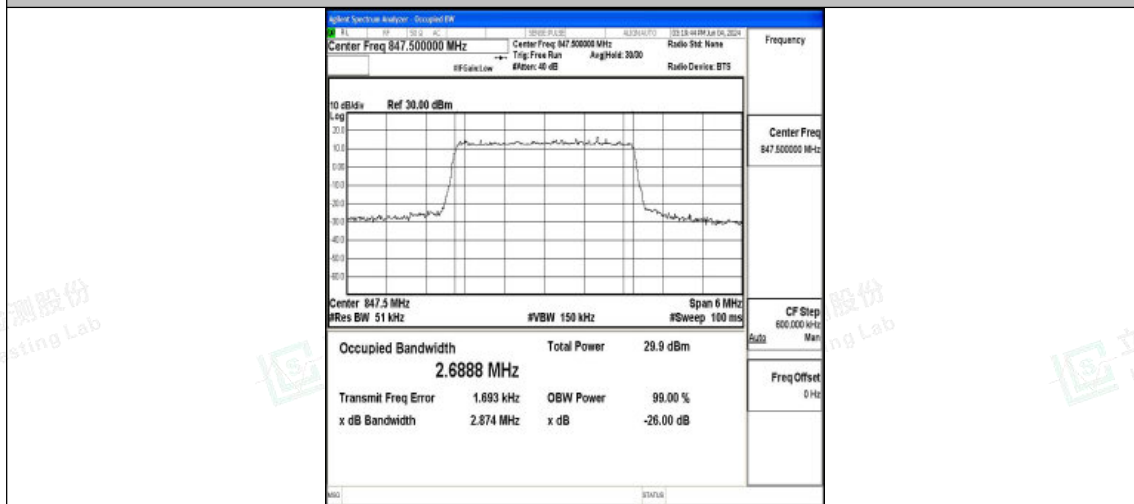


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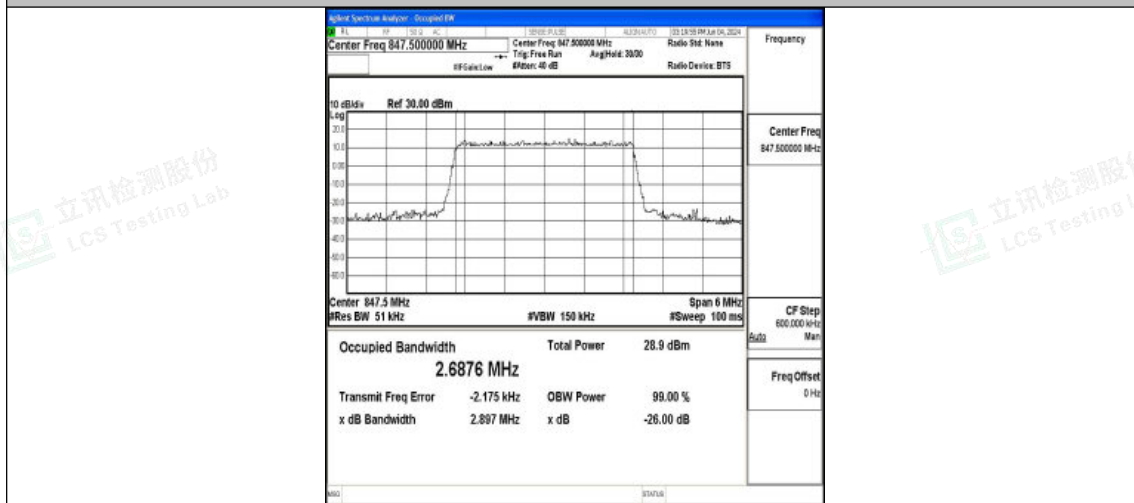




Band5-3MHz-16QAM-20525-15RB#0-PASS



Band5-3MHz-QPSK-20635-15RB#0-PASS



Band5-3MHz-16QAM-20635-15RB#0-PASS

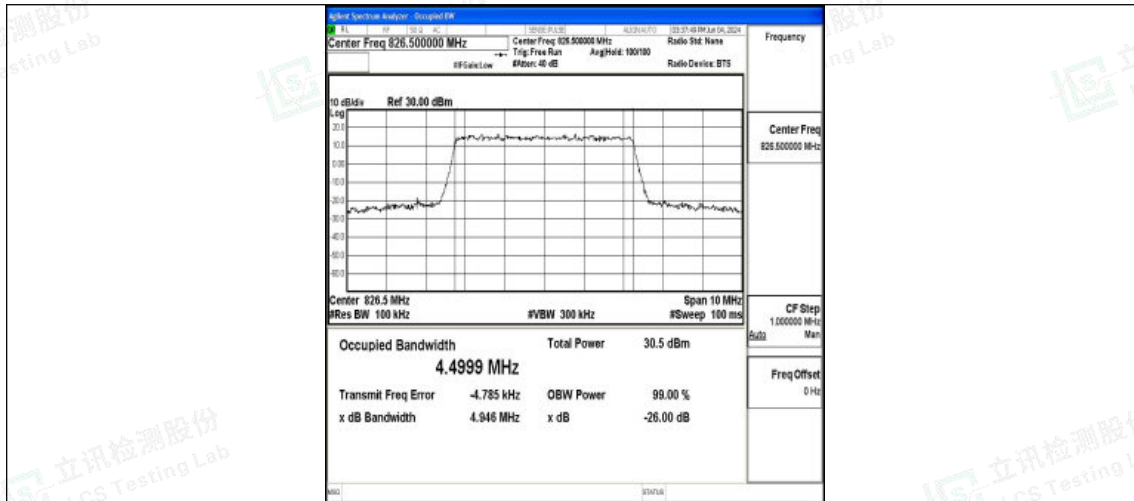


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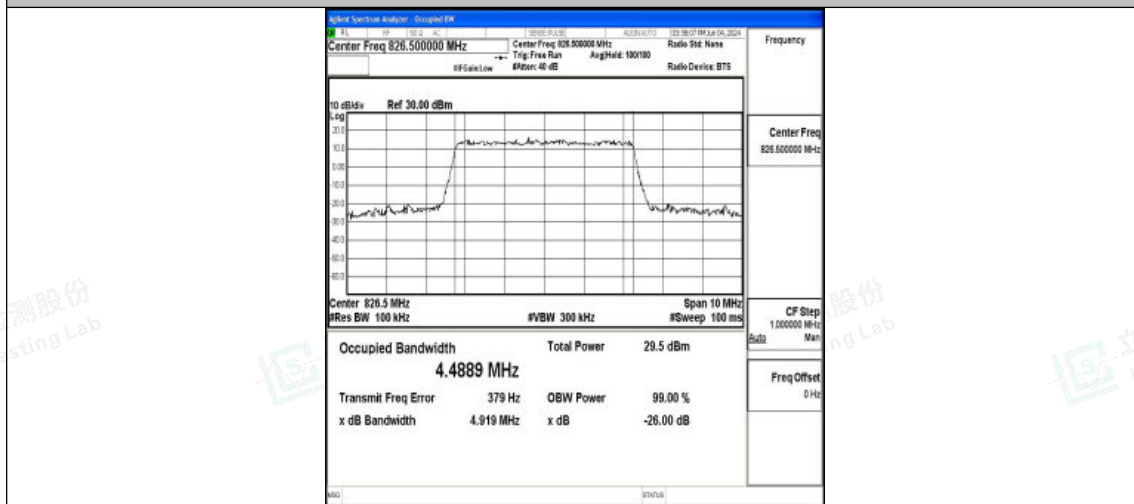
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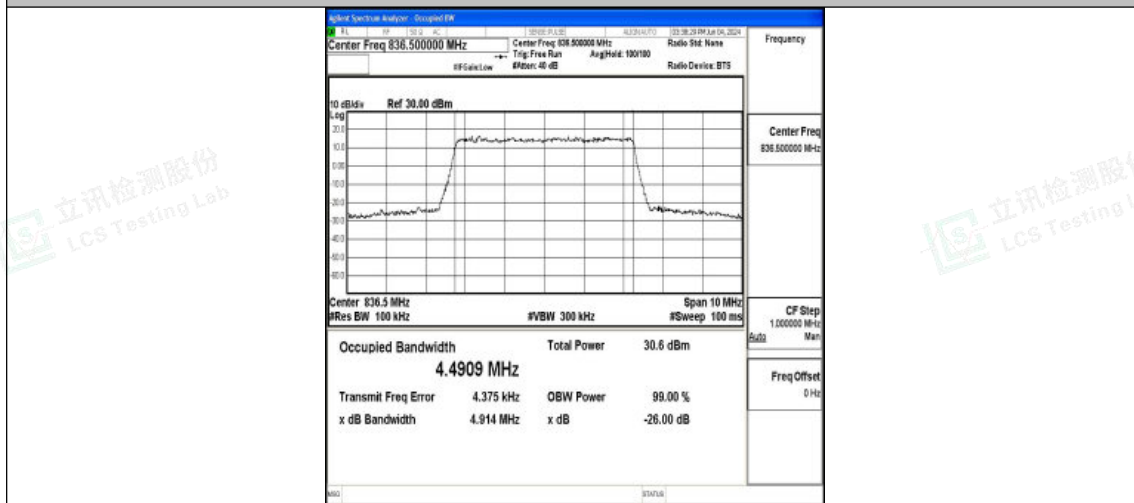
Scan code to check authenticity



Band5-5MHz-QPSK-20425-25RB#0-PASS



Band5-5MHz-16QAM-20425-25RB#0-PASS



Band5-5MHz-QPSK-20525-25RB#0-PASS

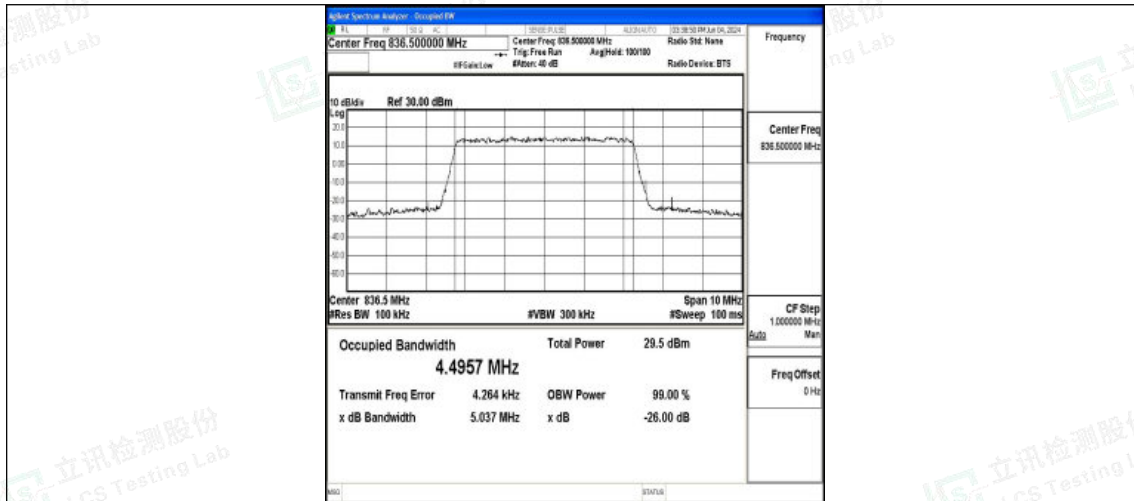


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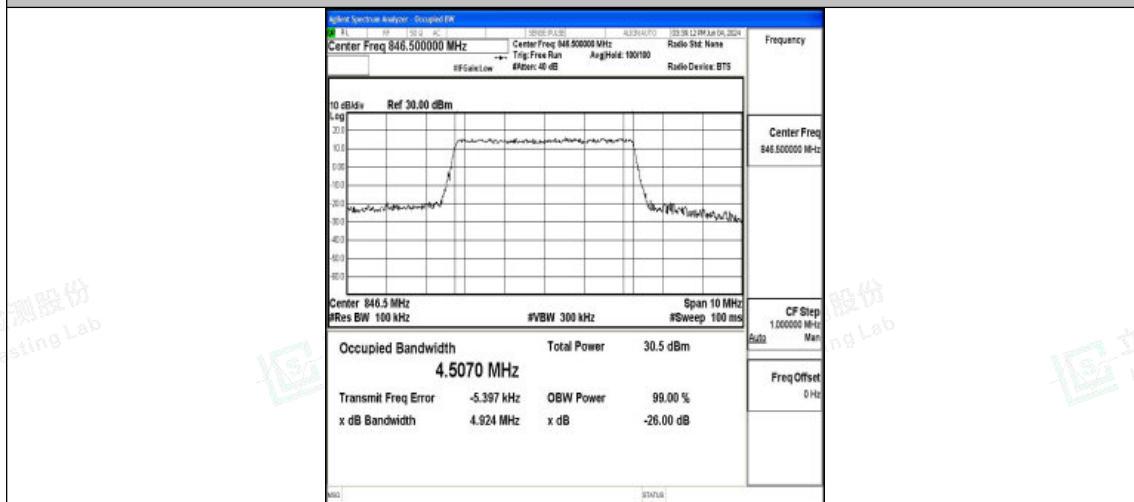
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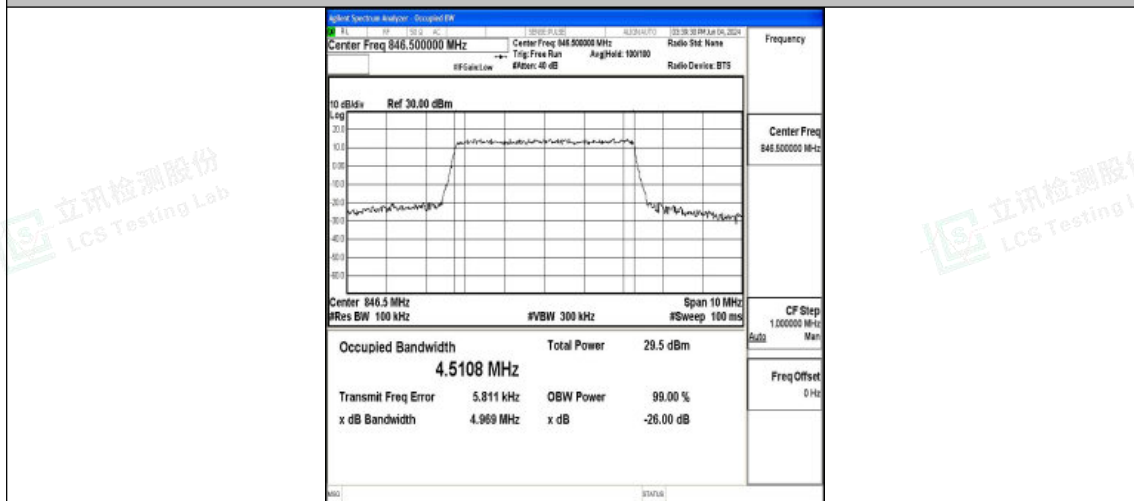
Scan code to check authenticity



Band5-5MHz-16QAM-20525-25RB#0-PASS



Band5-5MHz-QPSK-20625-25RB#0-PASS



Band5-5MHz-16QAM-20625-25RB#0-PASS

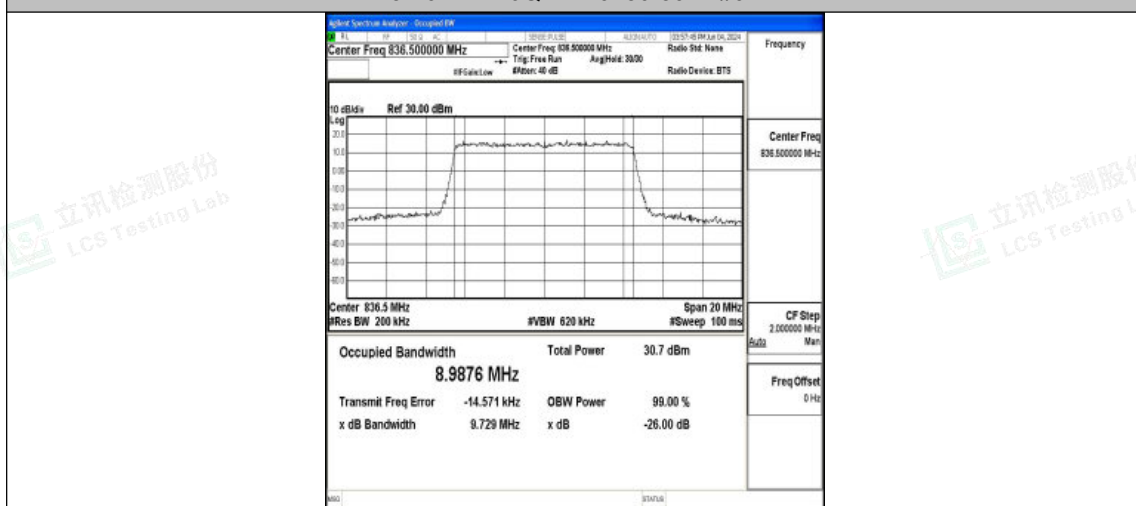
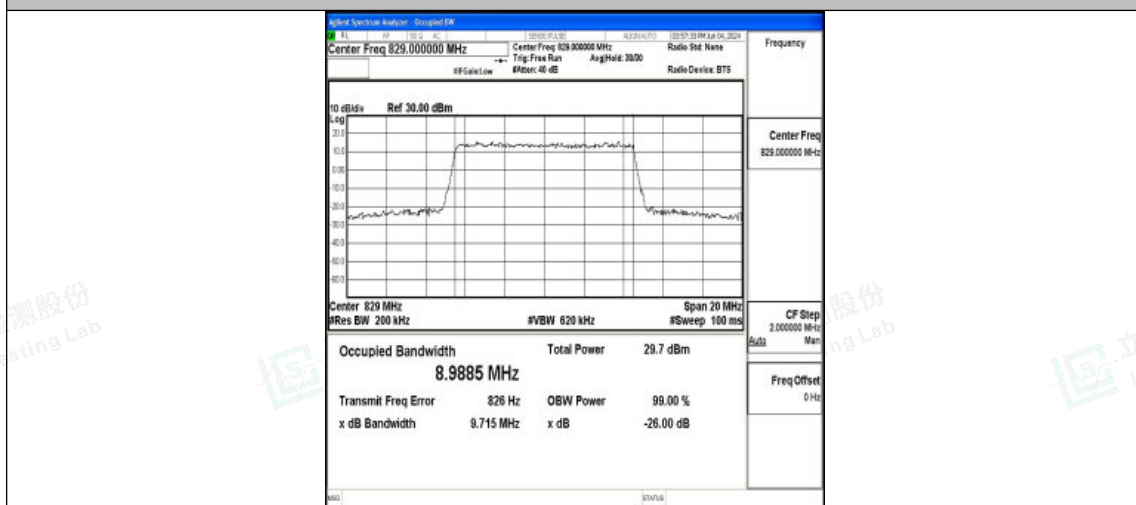
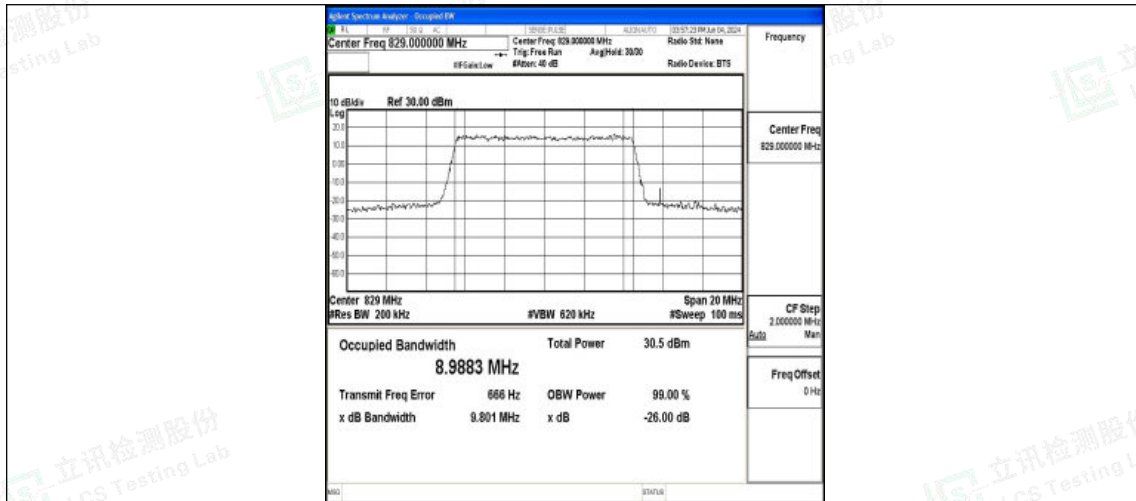


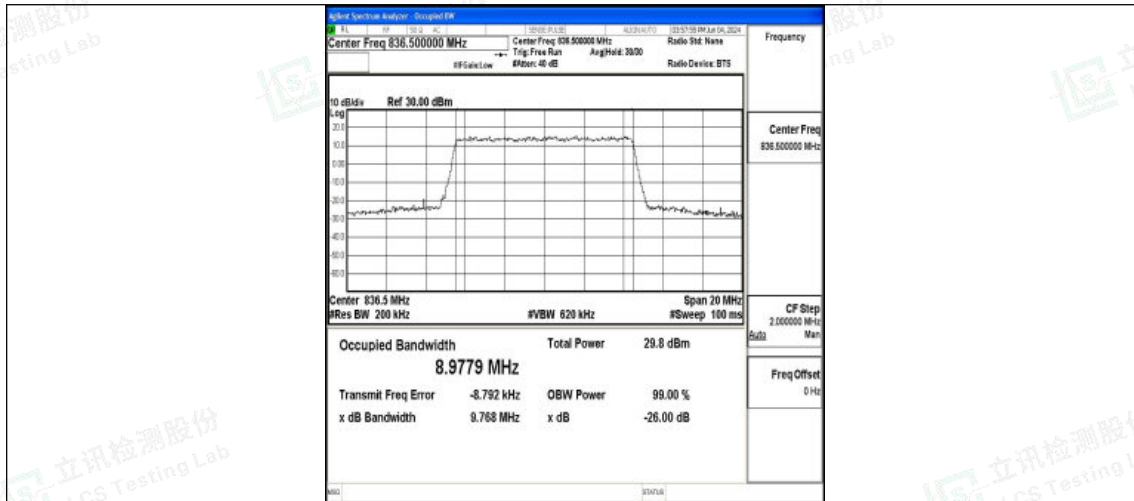
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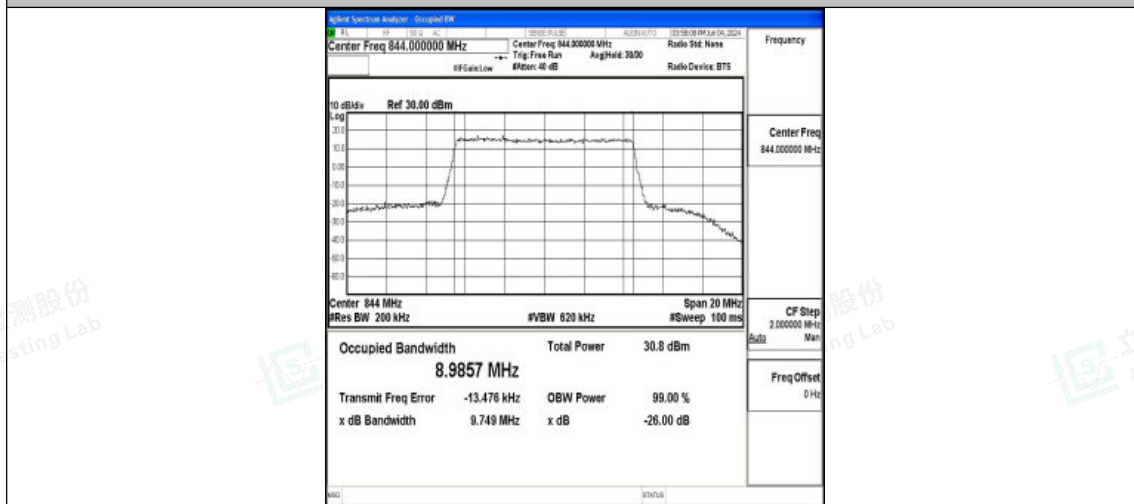
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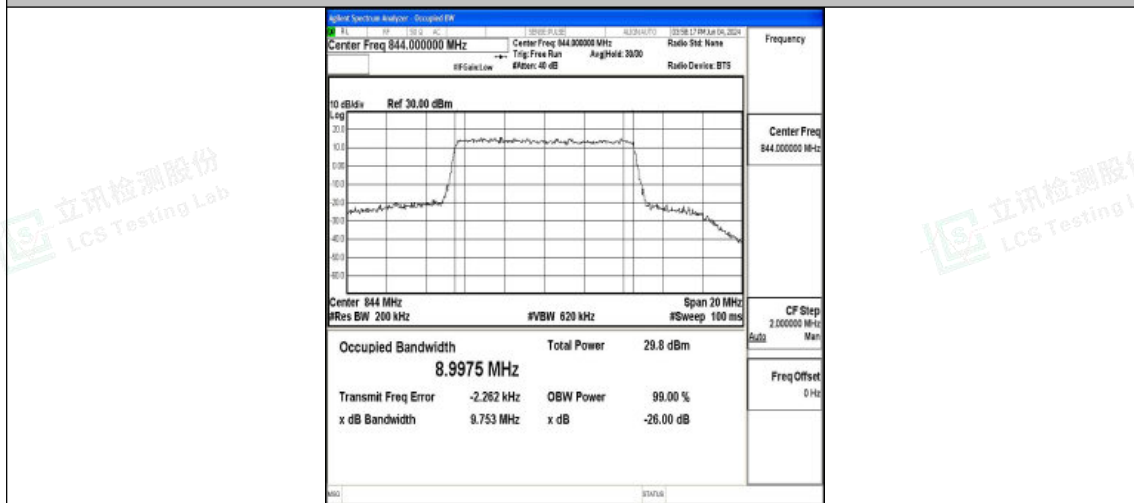




Band5-10MHz-16QAM-20525-50RB#0-PASS



Band5-10MHz-QPSK-20600-50RB#0-PASS



Band5-10MHz-16QAM-20600-50RB#0-PASS



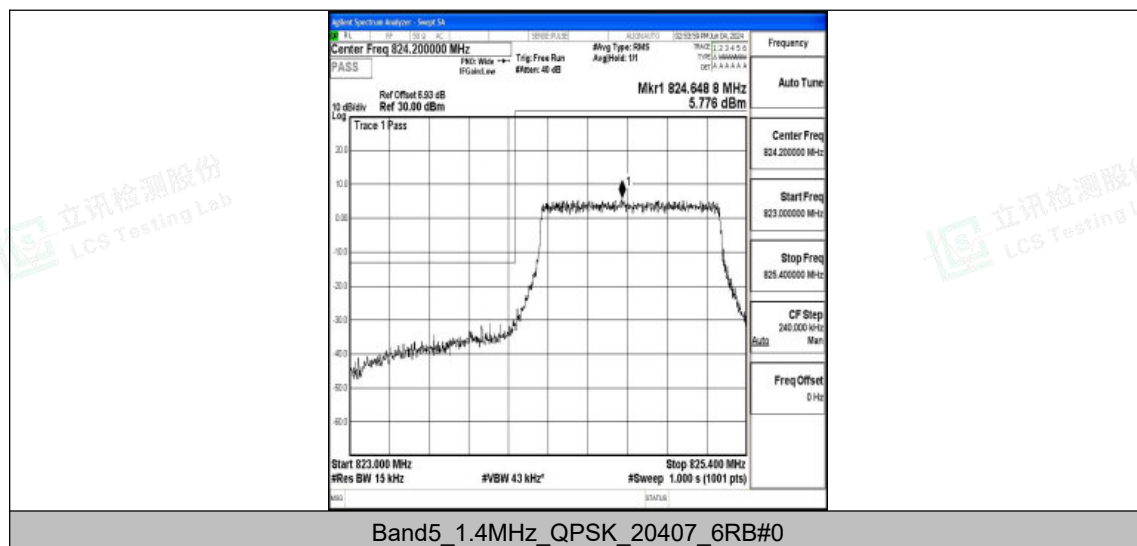


H.4 Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Peak Frequency	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	823.99	-29.69	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	823.98	-32.06	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	849.02	-31.91	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	849.00	-31.58	PASS
Band5	3MHz	QPSK	20415	15RB#0	824.00	-32.01	PASS
Band5	3MHz	16QAM	20415	15RB#0	823.99	-33.57	PASS
Band5	3MHz	QPSK	20635	15RB#0	849.00	-31.65	PASS
Band5	3MHz	16QAM	20635	15RB#0	849.00	-34.10	PASS
Band5	5MHz	QPSK	20425	25RB#0	824.00	-30.39	PASS
Band5	5MHz	16QAM	20425	25RB#0	823.97	-32.33	PASS
Band5	5MHz	QPSK	20625	25RB#0	849.00	-32.35	PASS
Band5	5MHz	16QAM	20625	25RB#0	849.00	-31.83	PASS
Band5	10MHz	QPSK	20450	50RB#0	823.95	-32.47	PASS
Band5	10MHz	16QAM	20450	50RB#0	823.98	-34.18	PASS
Band5	10MHz	QPSK	20600	50RB#0	849.05	-32.72	PASS
Band5	10MHz	16QAM	20600	50RB#0	849.01	-34.05	PASS

Test Graphs

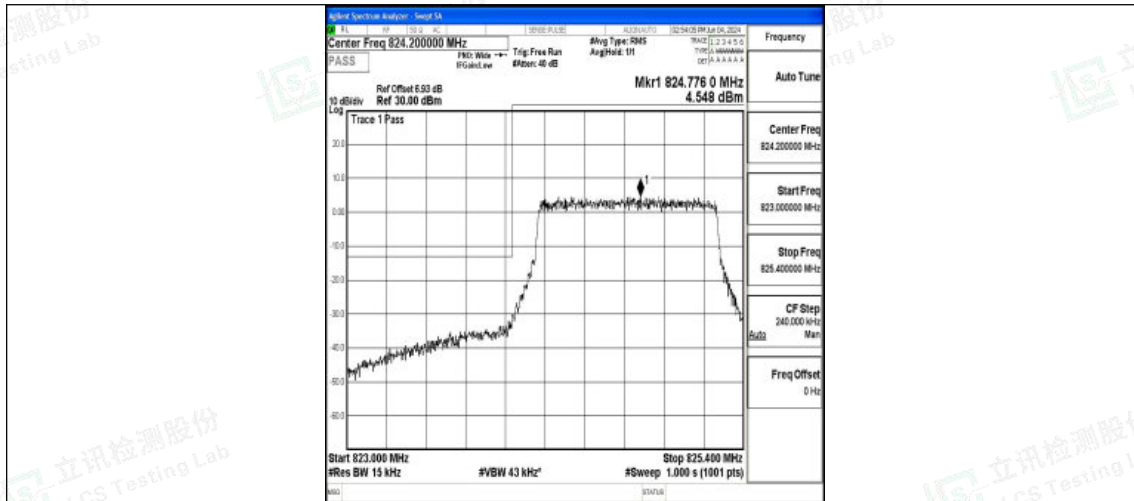


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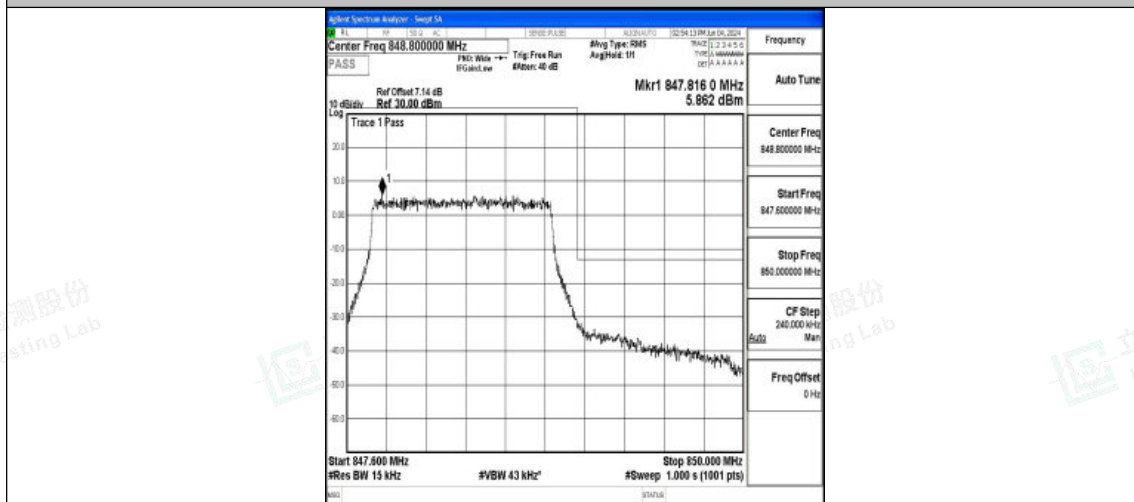
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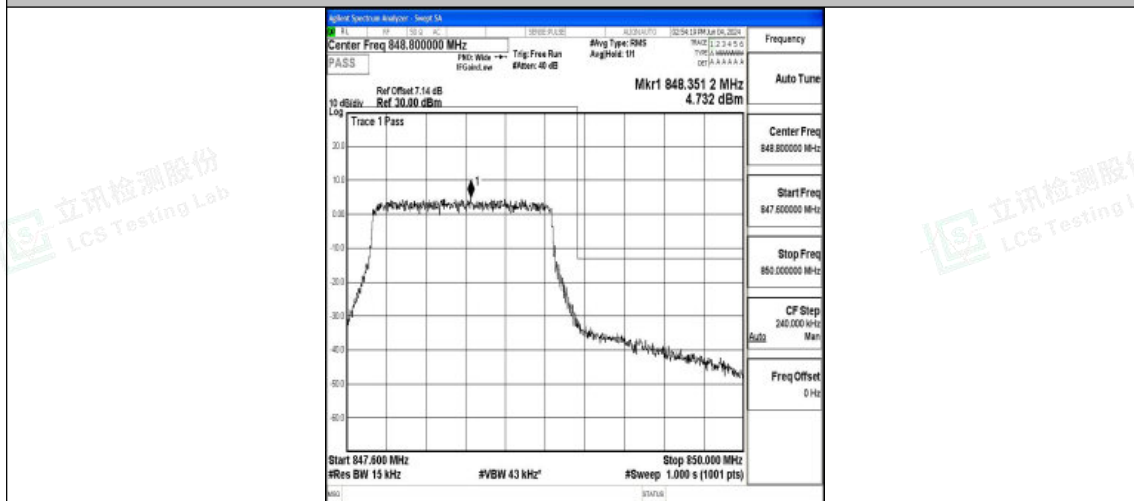
Scan code to check authenticity



Band5_1.4MHz_16QAM_20407_6RB#0

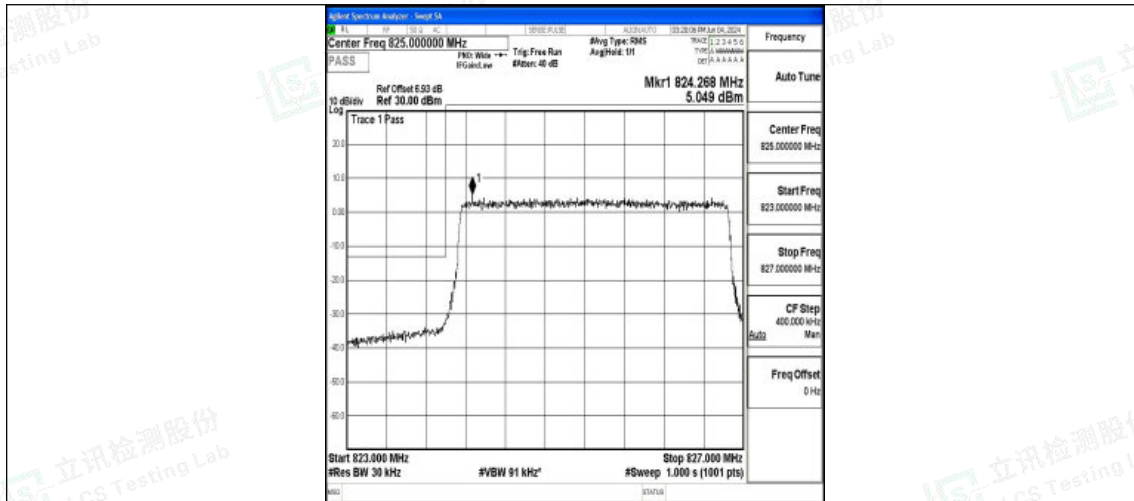


Band5_1.4MHz_QPSK_20643_6RB#0

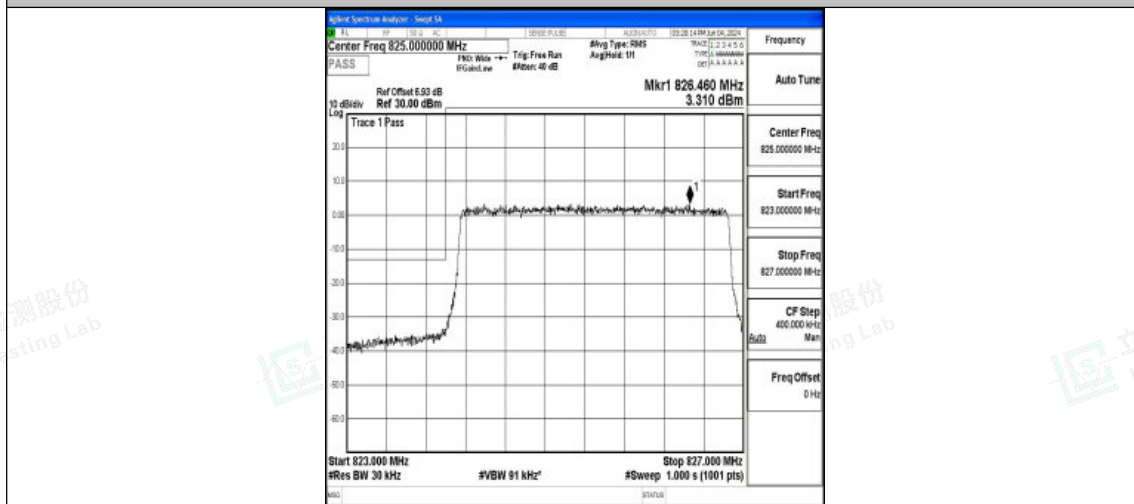


Band5_1.4MHz_16QAM_20643_6RB#0

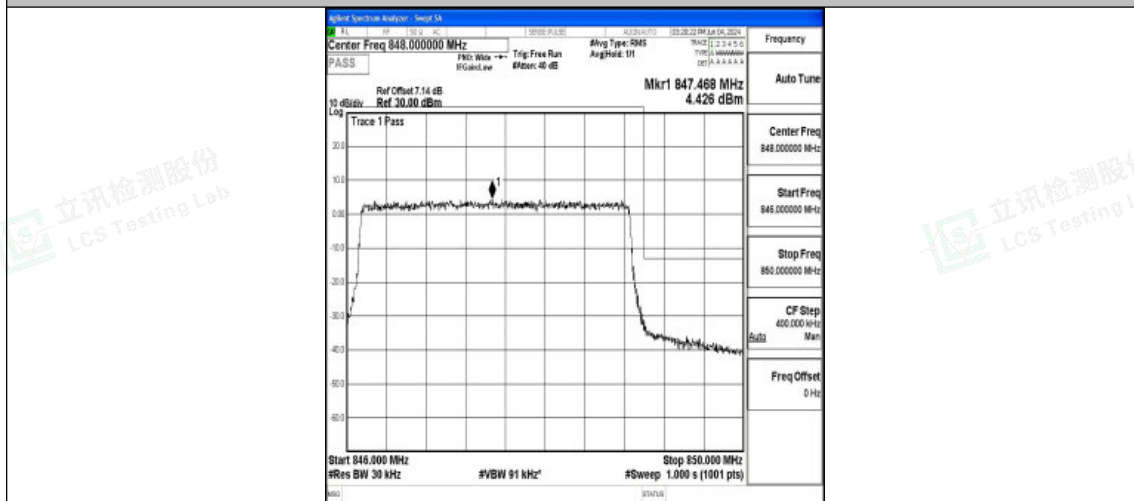




Band5_3MHz_QPSK_20415_15RB#0

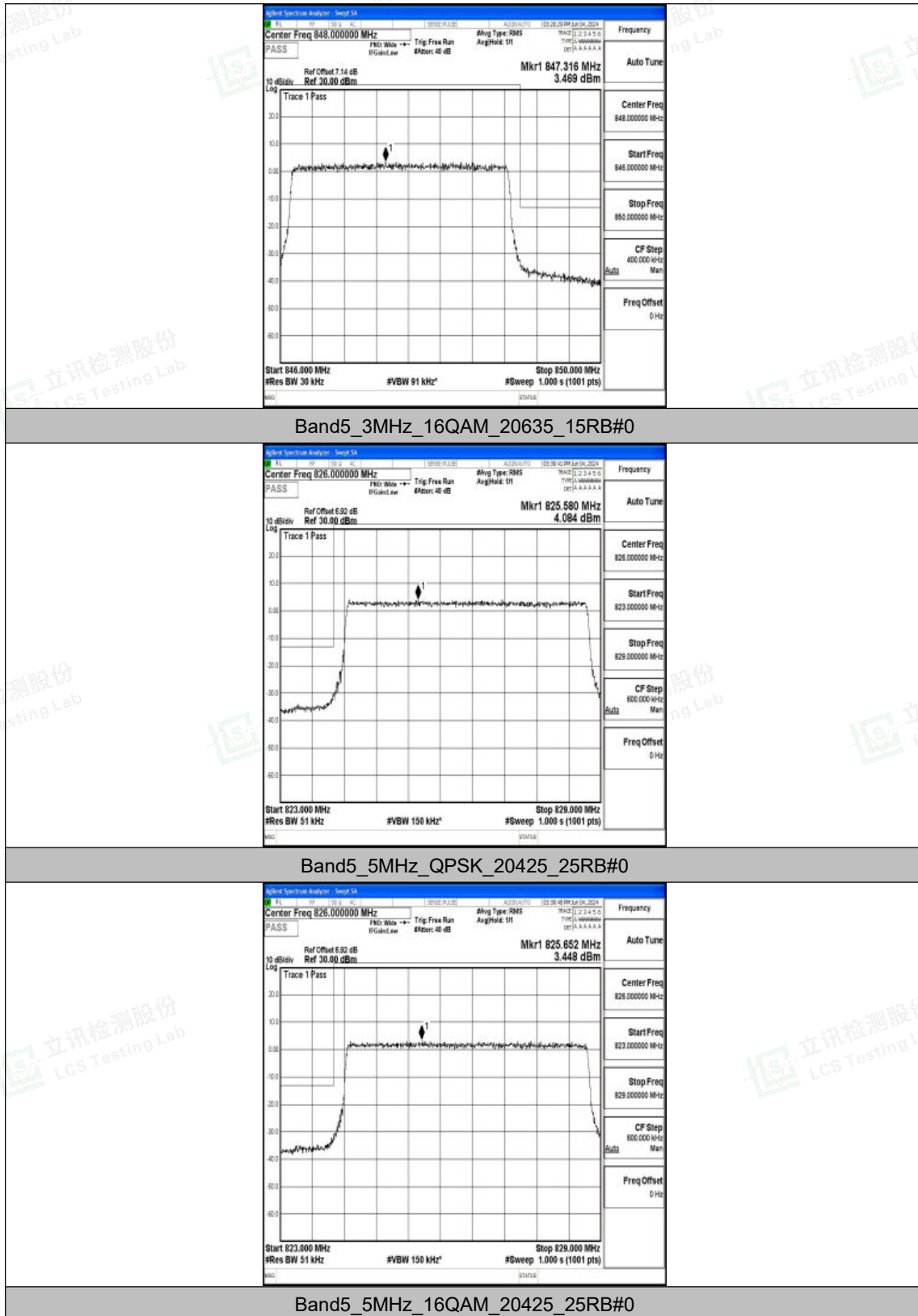


Band5_3MHz_16QAM_20415_15RB#0

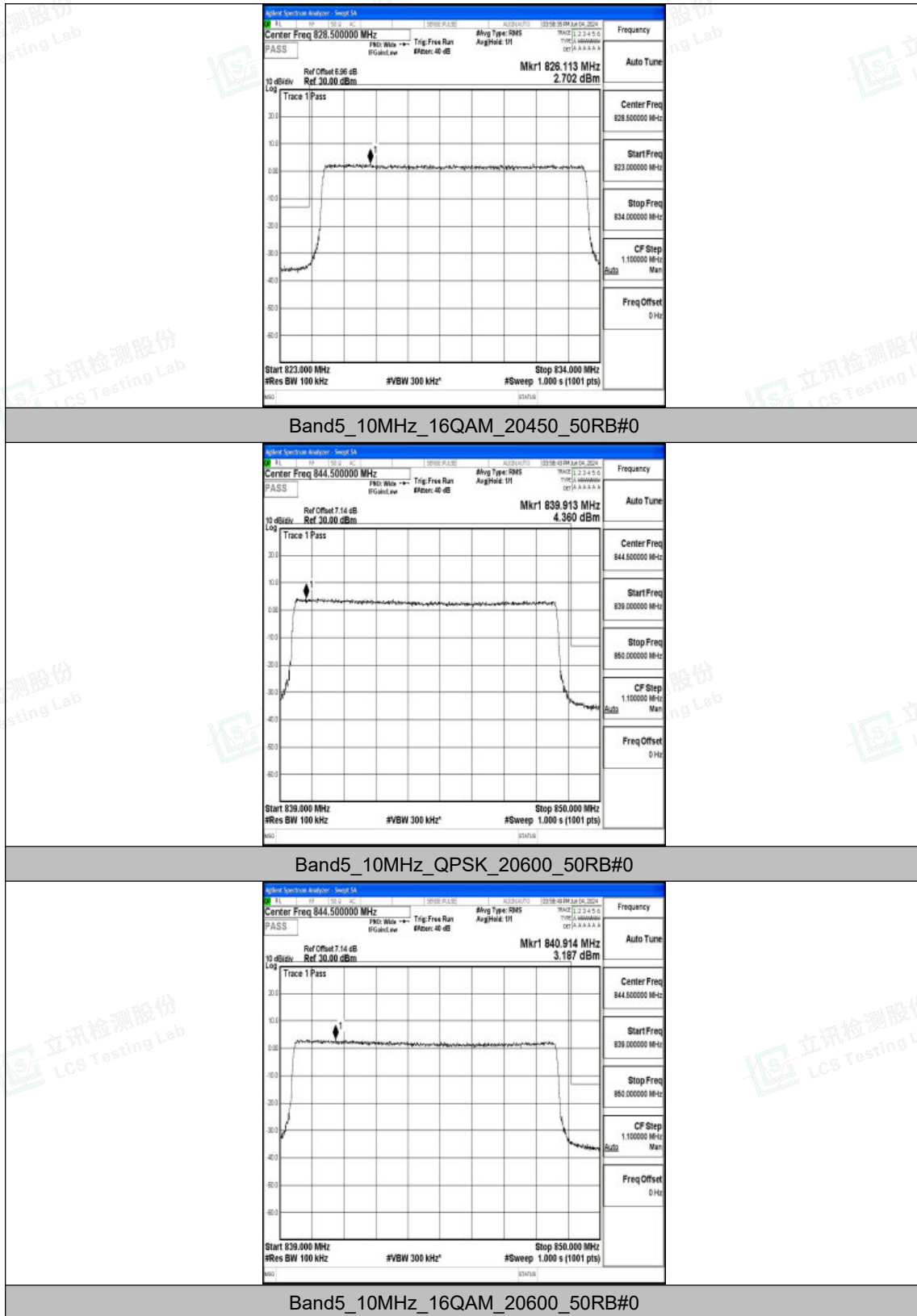


Band5_3MHz_QPSK_20635_15RB#0











H.5 Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	0.009~0.15	-58.21	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	0.15~30	-51.08	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	30~1000	-50.82	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	1000~3000	-42.75	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	3000~10000	-44.24	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	0.009~0.15	-57.70	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	0.15~30	-52.96	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	30~1000	-51.16	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	1000~3000	-42.59	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	3000~10000	-44.11	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	0.009~0.15	-58.52	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	0.15~30	-52.81	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	30~1000	-51.41	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	1000~3000	-43.18	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	3000~10000	-43.83	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	0.009~0.15	-54.46	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	0.15~30	-53.01	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	30~1000	-52.03	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	1000~3000	-44.10	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	3000~10000	-43.81	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	0.009~0.15	-55.79	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	0.15~30	-52.69	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	30~1000	-43.43	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	1000~3000	-43.40	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	3000~10000	-43.72	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	0.009~0.15	-58.24	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	0.15~30	-54.88	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	30~1000	-52.22	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	1000~3000	-43.65	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	3000~10000	-43.81	PASS
Band5	3MHz	QPSK	20415	1RB#0	0.009~0.15	-57.94	PASS
Band5	3MHz	QPSK	20415	1RB#0	0.15~30	-52.67	PASS
Band5	3MHz	QPSK	20415	1RB#0	30~1000	-58.44	PASS
Band5	3MHz	QPSK	20415	1RB#0	1000~3000	-42.52	PASS



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Band5	3MHz	QPSK	20415	1RB#0	3000~10000	-43.84	PASS
Band5	3MHz	16QAM	20415	1RB#0	0.009~0.15	-57.17	PASS
Band5	3MHz	16QAM	20415	1RB#0	0.15~30	-52.43	PASS
Band5	3MHz	16QAM	20415	1RB#0	30~1000	-58.79	PASS
Band5	3MHz	16QAM	20415	1RB#0	1000~3000	-42.96	PASS
Band5	3MHz	16QAM	20415	1RB#0	3000~10000	-43.92	PASS
Band5	3MHz	QPSK	20525	1RB#0	0.009~0.15	-55.81	PASS
Band5	3MHz	QPSK	20525	1RB#0	0.15~30	-51.95	PASS
Band5	3MHz	QPSK	20525	1RB#0	30~1000	-58.20	PASS
Band5	3MHz	QPSK	20525	1RB#0	1000~3000	-42.35	PASS
Band5	3MHz	QPSK	20525	1RB#0	3000~10000	-44.24	PASS
Band5	3MHz	16QAM	20525	1RB#0	0.009~0.15	-58.97	PASS
Band5	3MHz	16QAM	20525	1RB#0	0.15~30	-52.28	PASS
Band5	3MHz	16QAM	20525	1RB#0	30~1000	-58.62	PASS
Band5	3MHz	16QAM	20525	1RB#0	1000~3000	-42.37	PASS
Band5	3MHz	16QAM	20525	1RB#0	3000~10000	-44.13	PASS
Band5	3MHz	QPSK	20635	1RB#0	0.009~0.15	-58.64	PASS
Band5	3MHz	QPSK	20635	1RB#0	0.15~30	-52.28	PASS
Band5	3MHz	QPSK	20635	1RB#0	30~1000	-51.60	PASS
Band5	3MHz	QPSK	20635	1RB#0	1000~3000	-43.85	PASS
Band5	3MHz	QPSK	20635	1RB#0	3000~10000	-44.17	PASS
Band5	3MHz	16QAM	20635	1RB#0	0.009~0.15	-58.89	PASS
Band5	3MHz	16QAM	20635	1RB#0	0.15~30	-53.33	PASS
Band5	3MHz	16QAM	20635	1RB#0	30~1000	-39.39	PASS
Band5	3MHz	16QAM	20635	1RB#0	1000~3000	-44.51	PASS
Band5	3MHz	16QAM	20635	1RB#0	3000~10000	-44.14	PASS
Band5	5MHz	QPSK	20425	1RB#0	0.009~0.15	-57.68	PASS
Band5	5MHz	QPSK	20425	1RB#0	0.15~30	-49.94	PASS
Band5	5MHz	QPSK	20425	1RB#0	30~1000	-61.99	PASS
Band5	5MHz	QPSK	20425	1RB#0	1000~3000	-43.70	PASS
Band5	5MHz	QPSK	20425	1RB#0	3000~10000	-43.76	PASS
Band5	5MHz	16QAM	20425	1RB#0	0.009~0.15	-60.49	PASS
Band5	5MHz	16QAM	20425	1RB#0	0.15~30	-53.24	PASS
Band5	5MHz	16QAM	20425	1RB#0	30~1000	-62.25	PASS
Band5	5MHz	16QAM	20425	1RB#0	1000~3000	-43.03	PASS
Band5	5MHz	16QAM	20425	1RB#0	3000~10000	-43.88	PASS
Band5	5MHz	QPSK	20525	1RB#0	0.009~0.15	-57.01	PASS
Band5	5MHz	QPSK	20525	1RB#0	0.15~30	-54.18	PASS
Band5	5MHz	QPSK	20525	1RB#0	30~1000	-61.67	PASS
Band5	5MHz	QPSK	20525	1RB#0	1000~3000	-41.63	PASS



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Band5	5MHz	QPSK	20525	1RB#0	3000~10000	-44.23	PASS
Band5	5MHz	16QAM	20525	1RB#0	0.009~0.15	-57.95	PASS
Band5	5MHz	16QAM	20525	1RB#0	0.15~30	-52.35	PASS
Band5	5MHz	16QAM	20525	1RB#0	30~1000	-62.06	PASS
Band5	5MHz	16QAM	20525	1RB#0	1000~3000	-44.50	PASS
Band5	5MHz	16QAM	20525	1RB#0	3000~10000	-44.29	PASS
Band5	5MHz	QPSK	20625	1RB#0	0.009~0.15	-57.00	PASS
Band5	5MHz	QPSK	20625	1RB#0	0.15~30	-52.22	PASS
Band5	5MHz	QPSK	20625	1RB#0	30~1000	-61.97	PASS
Band5	5MHz	QPSK	20625	1RB#0	1000~3000	-44.53	PASS
Band5	5MHz	QPSK	20625	1RB#0	3000~10000	-43.29	PASS
Band5	5MHz	16QAM	20625	1RB#0	0.009~0.15	-59.99	PASS
Band5	5MHz	16QAM	20625	1RB#0	0.15~30	-51.53	PASS
Band5	5MHz	16QAM	20625	1RB#0	30~1000	-61.97	PASS
Band5	5MHz	16QAM	20625	1RB#0	1000~3000	-44.70	PASS
Band5	5MHz	16QAM	20625	1RB#0	3000~10000	-44.27	PASS
Band5	10MHz	QPSK	20450	1RB#0	0.009~0.15	-54.74	PASS
Band5	10MHz	QPSK	20450	1RB#0	0.15~30	-54.63	PASS
Band5	10MHz	QPSK	20450	1RB#0	30~1000	-62.22	PASS
Band5	10MHz	QPSK	20450	1RB#0	1000~3000	-42.77	PASS
Band5	10MHz	QPSK	20450	1RB#0	3000~10000	-44.08	PASS
Band5	10MHz	16QAM	20450	1RB#0	0.009~0.15	-58.63	PASS
Band5	10MHz	16QAM	20450	1RB#0	0.15~30	-51.99	PASS
Band5	10MHz	16QAM	20450	1RB#0	30~1000	-62.12	PASS
Band5	10MHz	16QAM	20450	1RB#0	1000~3000	-44.11	PASS
Band5	10MHz	16QAM	20450	1RB#0	3000~10000	-43.56	PASS
Band5	10MHz	QPSK	20525	1RB#0	0.009~0.15	-54.48	PASS
Band5	10MHz	QPSK	20525	1RB#0	0.15~30	-51.80	PASS
Band5	10MHz	QPSK	20525	1RB#0	30~1000	-61.76	PASS
Band5	10MHz	QPSK	20525	1RB#0	1000~3000	-42.62	PASS
Band5	10MHz	QPSK	20525	1RB#0	3000~10000	-43.96	PASS
Band5	10MHz	16QAM	20525	1RB#0	0.009~0.15	-58.15	PASS
Band5	10MHz	16QAM	20525	1RB#0	0.15~30	-50.60	PASS
Band5	10MHz	16QAM	20525	1RB#0	30~1000	-62.17	PASS
Band5	10MHz	16QAM	20525	1RB#0	1000~3000	-43.41	PASS
Band5	10MHz	16QAM	20525	1RB#0	3000~10000	-44.48	PASS
Band5	10MHz	QPSK	20600	1RB#0	0.009~0.15	-57.89	PASS
Band5	10MHz	QPSK	20600	1RB#0	0.15~30	-51.00	PASS
Band5	10MHz	QPSK	20600	1RB#0	30~1000	-62.05	PASS
Band5	10MHz	QPSK	20600	1RB#0	1000~3000	-43.45	PASS



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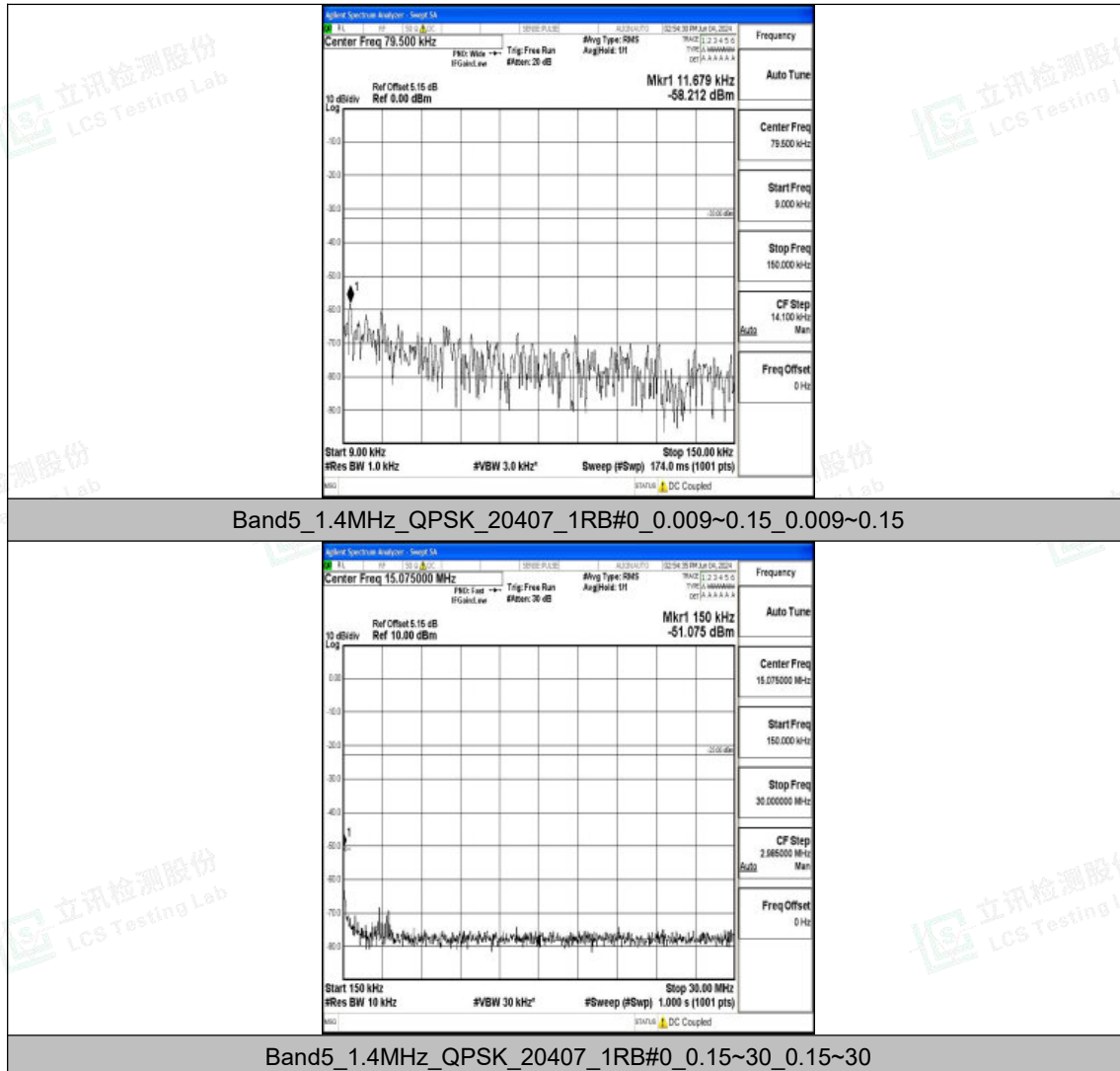
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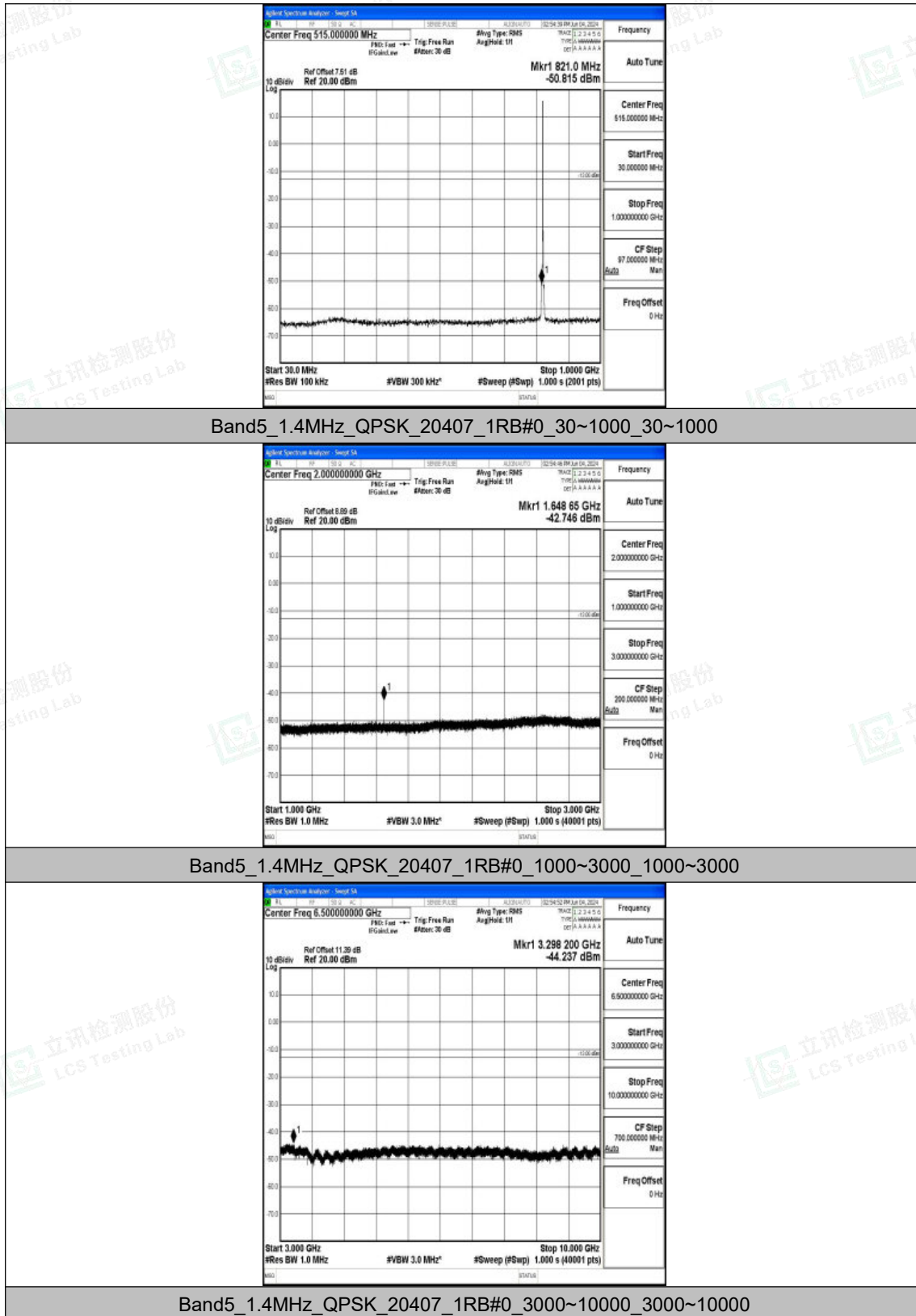
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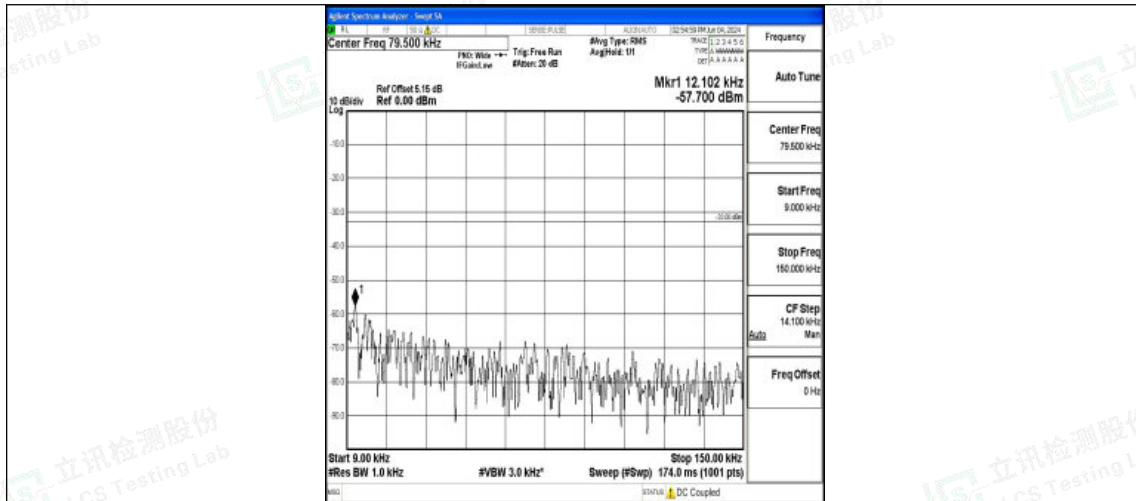


Band5	10MHz	QPSK	20600	1RB#0	3000~10000	-44.00	PASS
Band5	10MHz	16QAM	20600	1RB#0	0.009~0.15	-58.50	PASS
Band5	10MHz	16QAM	20600	1RB#0	0.15~30	-53.25	PASS
Band5	10MHz	16QAM	20600	1RB#0	30~1000	-54.71	PASS
Band5	10MHz	16QAM	20600	1RB#0	1000~3000	-45.10	PASS
Band5	10MHz	16QAM	20600	1RB#0	3000~10000	-44.31	PASS

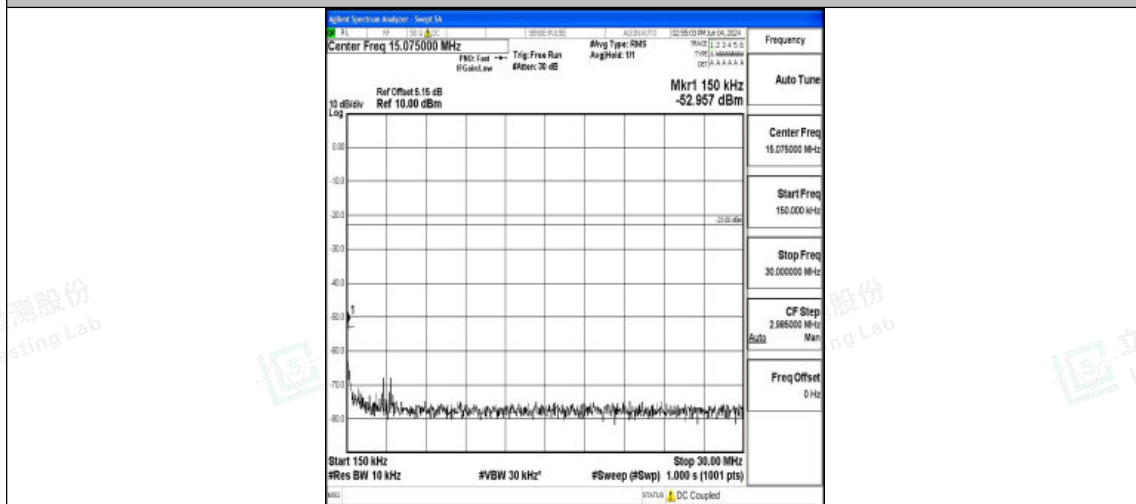
Test Graphs



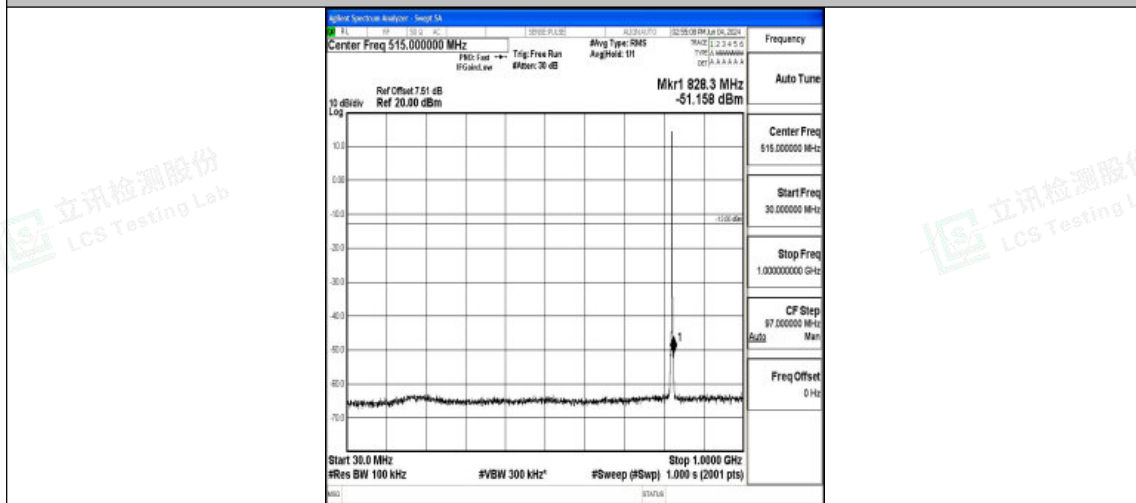




Band5_1.4MHz_16QAM_20407_1RB#0_0.009~0.15_0.009~0.15

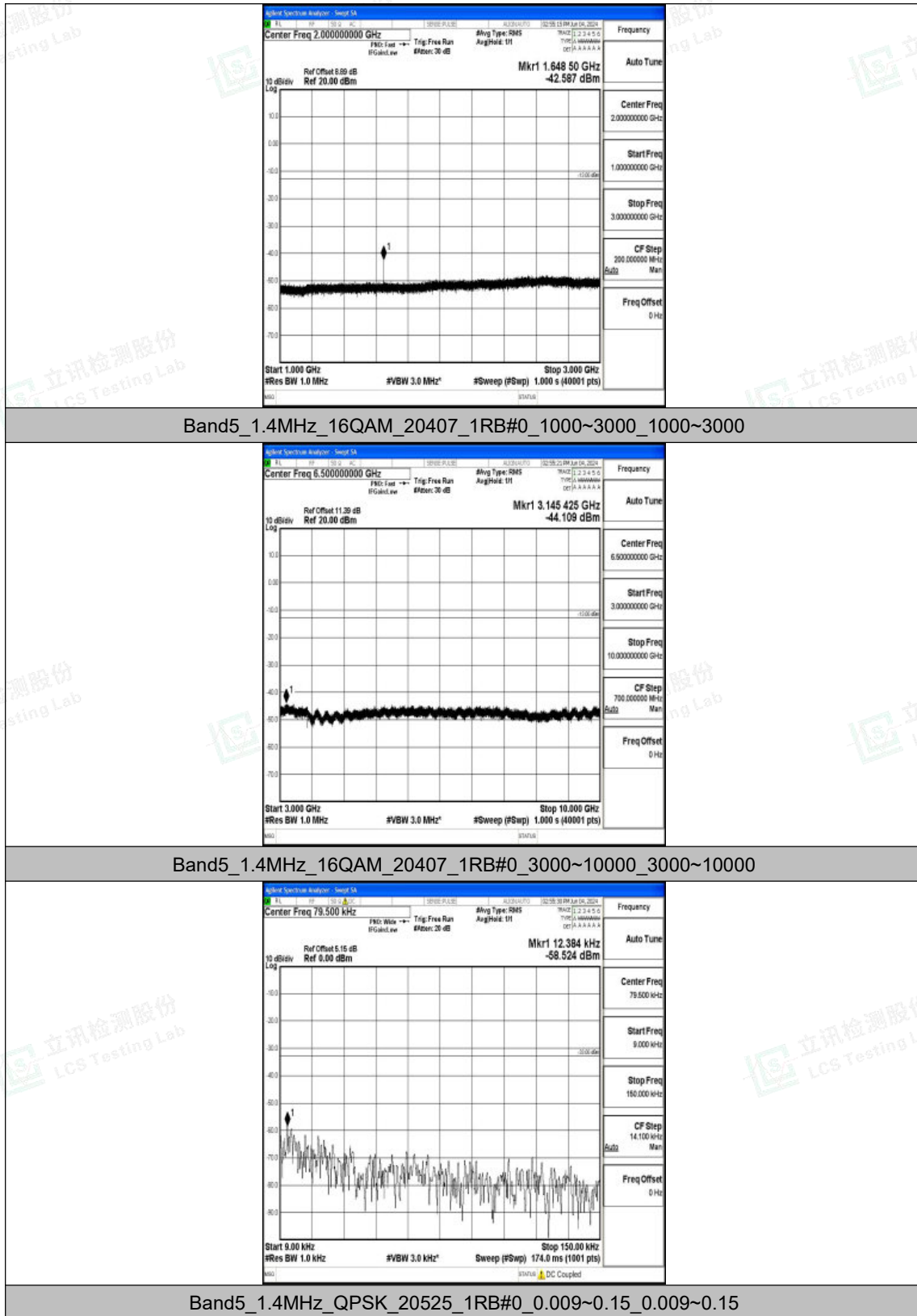


Band5_1.4MHz_16QAM_20407_1RB#0_0.15~30_0.15~30

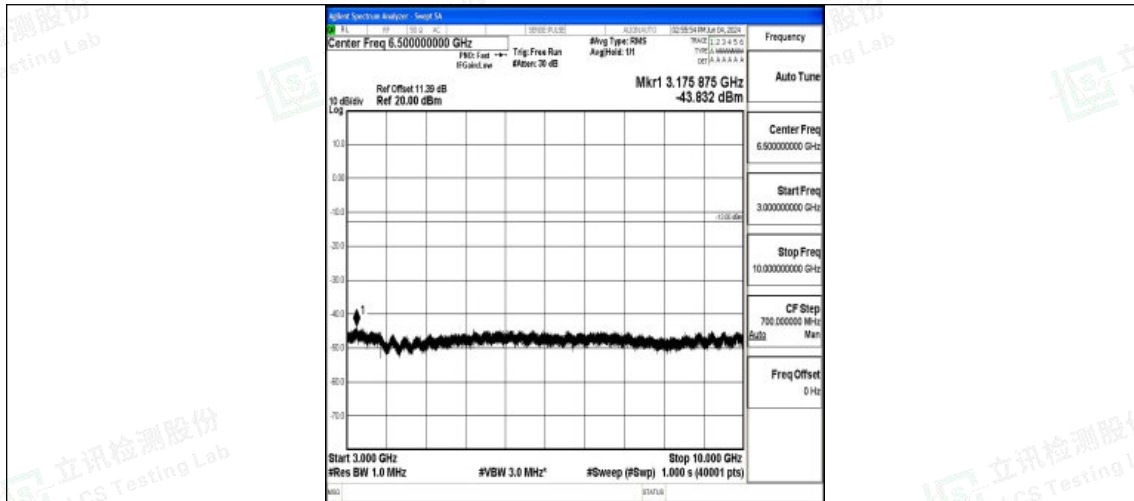


Band5_1.4MHz_16QAM_20407_1RB#0_30~1000_30~1000

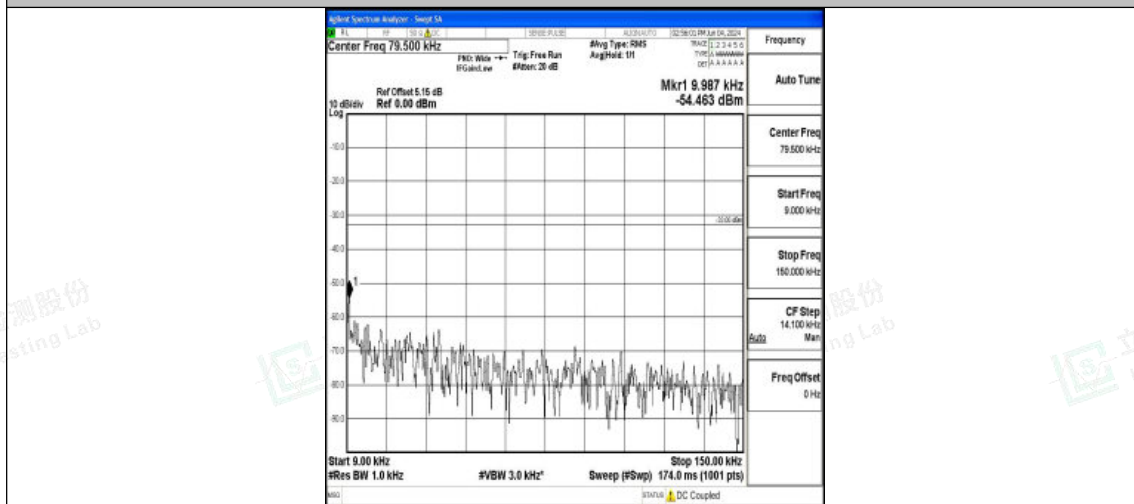




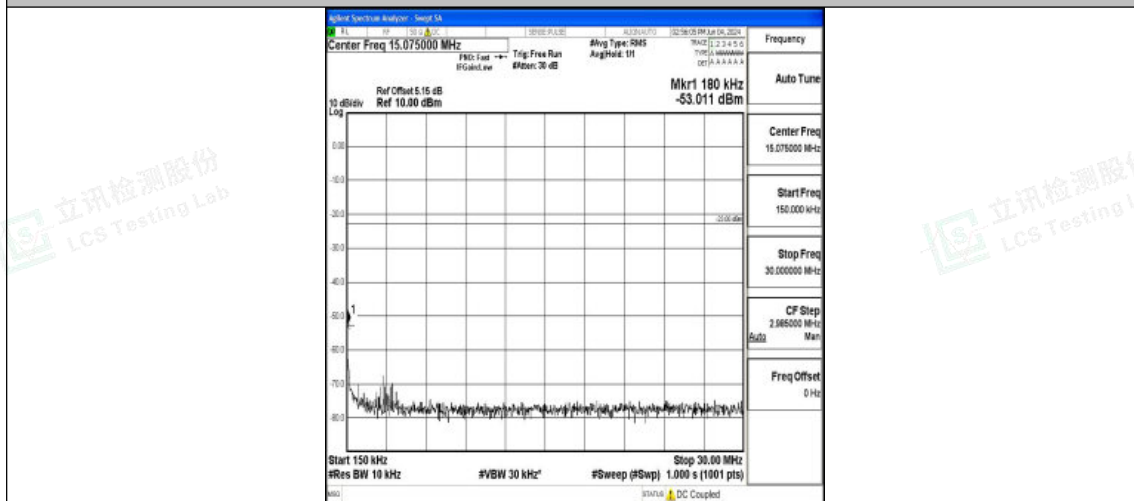




Band5_1.4MHz_QPSK_20525_1RB#0_3000~10000_3000~10000

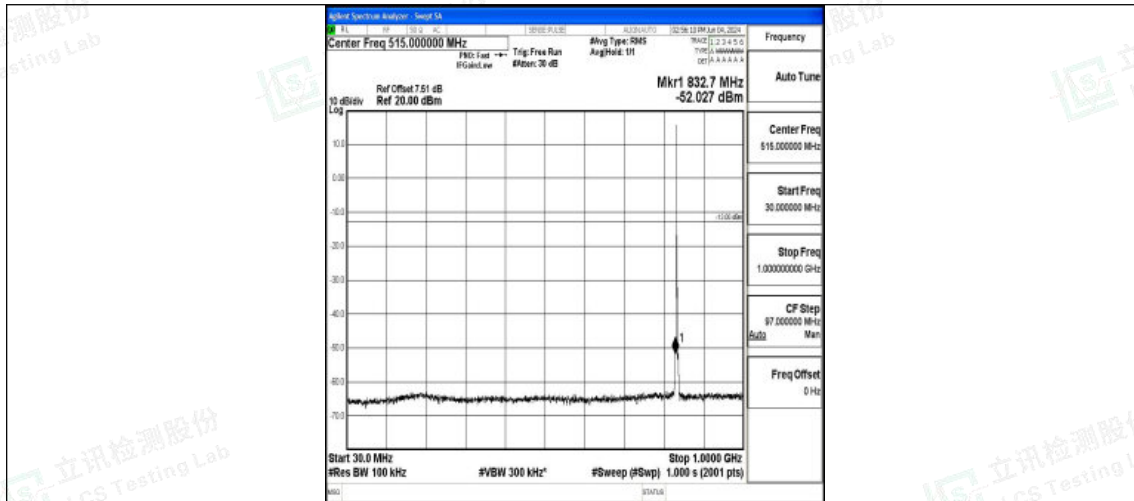


Band5_1.4MHz_16QAM_20525_1RB#0_0.009~0.15_0.009~0.15

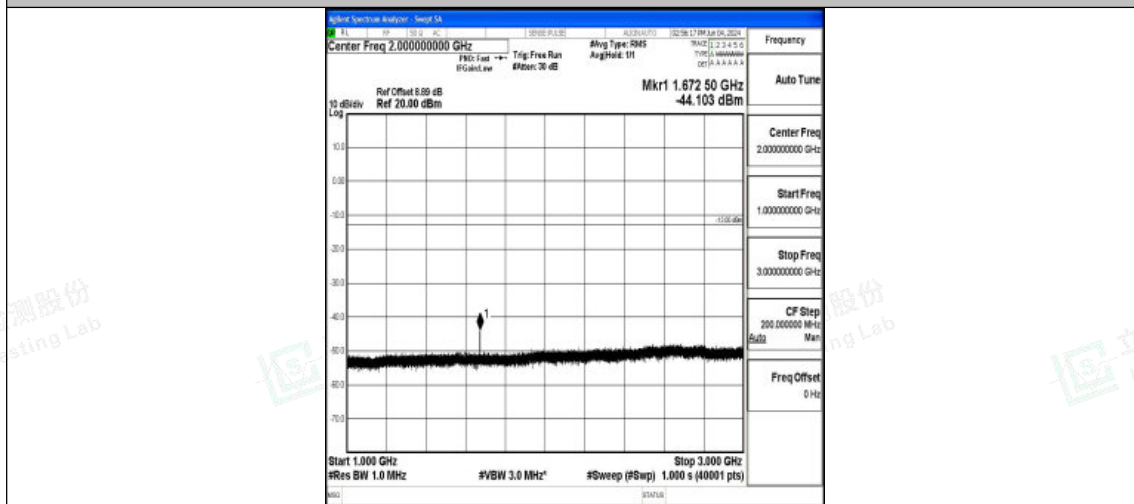


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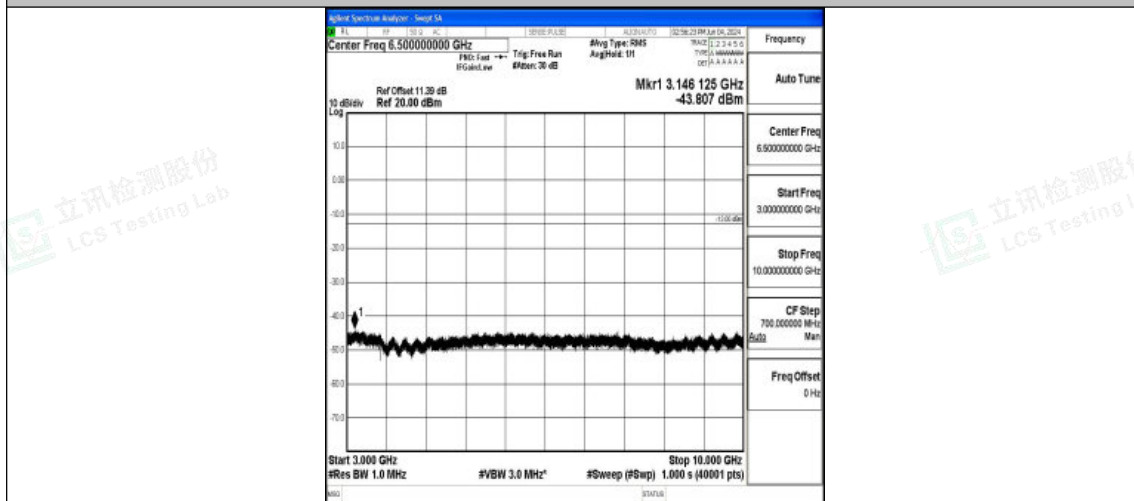




Band5_1.4MHz_16QAM_20525_1RB#0_30~1000_30~1000



Band5_1.4MHz_16QAM_20525_1RB#0_1000~3000_1000~3000



Band5_1.4MHz_16QAM_20525_1RB#0_3000~10000_3000~10000

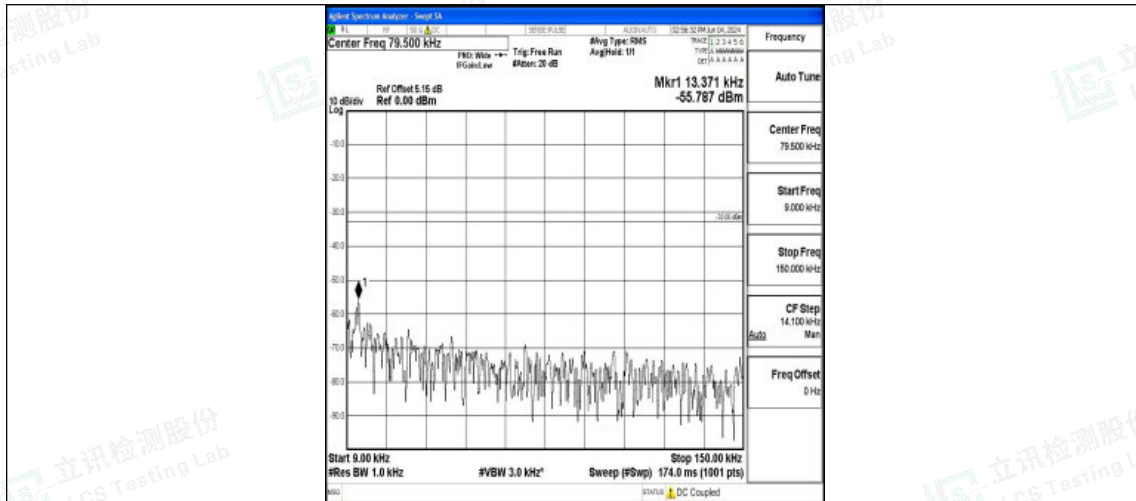


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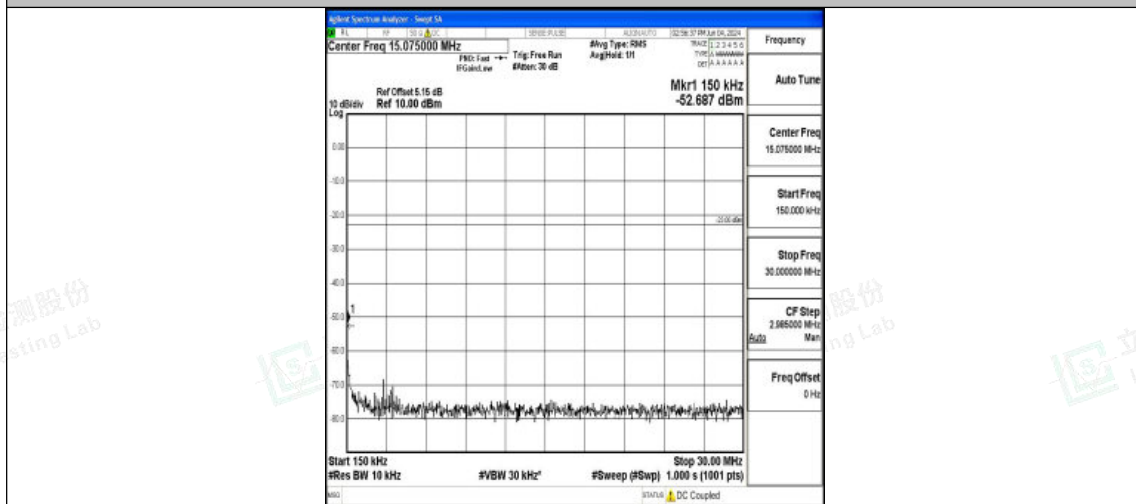
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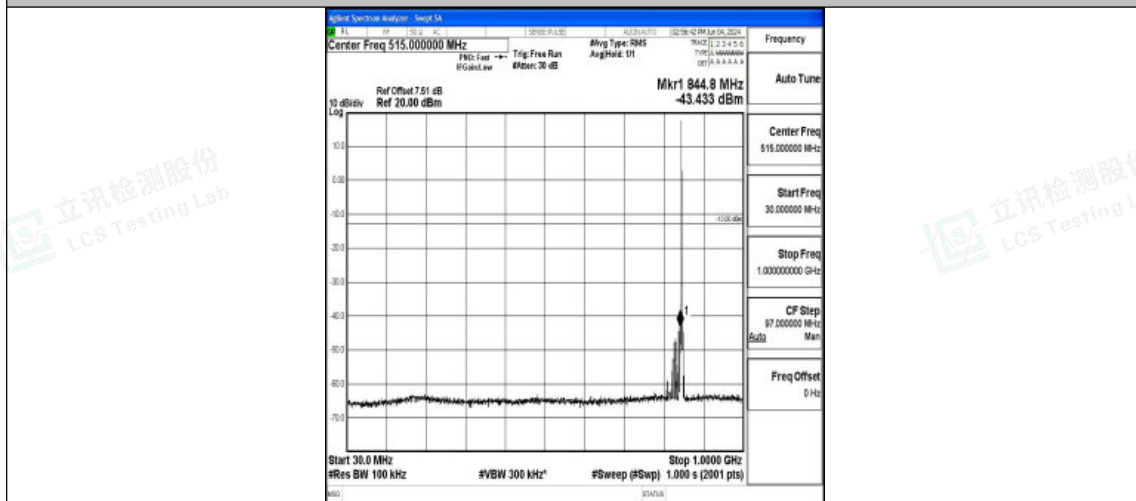
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Band5_1.4MHz_QPSK_20643_1RB#0_0.009~0.15_0.009~0.15



Band5_1.4MHz_QPSK_20643_1RB#0_0.15~30_0.15~30



Band5_1.4MHz_QPSK_20643_1RB#0_30~1000_30~1000



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