



Appendix H: Test Data for E-UTRA Band 5

Product Name: Smartphone

Test Model: NOTE 50

Environmental Conditions

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





H.1 Conducted Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	24.40	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	24.33	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	24.31	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	24.44	PASS
Band5	1.4MHz	QPSK	20407	3RB#1	24.46	PASS
Band5	1.4MHz	QPSK	20407	3RB#3	24.47	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	23.39	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	24.55	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	24.47	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	24.44	PASS
Band5	1.4MHz	QPSK	20525	3RB#0	24.71	PASS
Band5	1.4MHz	QPSK	20525	3RB#1	24.71	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	24.69	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	23.55	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	24.24	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	24.26	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	24.20	PASS
Band5	1.4MHz	QPSK	20643	3RB#0	24.44	PASS
Band5	1.4MHz	QPSK	20643	3RB#1	24.41	PASS
Band5	1.4MHz	QPSK	20643	3RB#3	24.44	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	23.40	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	24.03	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	23.95	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	23.92	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	23.22	PASS
Band5	1.4MHz	16QAM	20407	3RB#1	23.23	PASS
Band5	1.4MHz	16QAM	20407	3RB#3	23.27	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	22.53	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	23.63	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	23.64	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	23.57	PASS



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Band5	1.4MHz	16QAM	20525	3RB#0	23.62	PASS
Band5	1.4MHz	16QAM	20525	3RB#1	23.59	PASS
Band5	1.4MHz	16QAM	20525	3RB#3	23.57	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	22.76	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	24.10	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	24.05	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	24.00	PASS
Band5	1.4MHz	16QAM	20643	3RB#0	23.07	PASS
Band5	1.4MHz	16QAM	20643	3RB#1	23.16	PASS
Band5	1.4MHz	16QAM	20643	3RB#3	23.10	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	22.36	PASS
Band5	3MHz	QPSK	20415	1RB#0	24.29	PASS
Band5	3MHz	QPSK	20415	1RB#8	24.21	PASS
Band5	3MHz	QPSK	20415	1RB#14	24.22	PASS
Band5	3MHz	QPSK	20415	8RB#0	23.41	PASS
Band5	3MHz	QPSK	20415	8RB#4	23.44	PASS
Band5	3MHz	QPSK	20415	8RB#7	23.51	PASS
Band5	3MHz	QPSK	20415	15RB#0	23.37	PASS
Band5	3MHz	QPSK	20525	1RB#0	24.50	PASS
Band5	3MHz	QPSK	20525	1RB#8	24.52	PASS
Band5	3MHz	QPSK	20525	1RB#14	24.52	PASS
Band5	3MHz	QPSK	20525	8RB#0	23.48	PASS
Band5	3MHz	QPSK	20525	8RB#4	23.50	PASS
Band5	3MHz	QPSK	20525	8RB#7	23.65	PASS
Band5	3MHz	QPSK	20525	15RB#0	23.58	PASS
Band5	3MHz	QPSK	20635	1RB#0	24.24	PASS
Band5	3MHz	QPSK	20635	1RB#8	24.27	PASS
Band5	3MHz	QPSK	20635	1RB#14	24.19	PASS
Band5	3MHz	QPSK	20635	8RB#0	23.42	PASS
Band5	3MHz	QPSK	20635	8RB#4	23.32	PASS
Band5	3MHz	QPSK	20635	8RB#7	23.28	PASS
Band5	3MHz	QPSK	20635	15RB#0	23.25	PASS
Band5	3MHz	16QAM	20415	1RB#0	23.44	PASS
Band5	3MHz	16QAM	20415	1RB#8	23.41	PASS
Band5	3MHz	16QAM	20415	1RB#14	23.46	PASS





Band5	3MHz	16QAM	20415	8RB#0	22.52	PASS
Band5	3MHz	16QAM	20415	8RB#4	22.53	PASS
Band5	3MHz	16QAM	20415	8RB#7	22.58	PASS
Band5	3MHz	16QAM	20415	15RB#0	22.46	PASS
Band5	3MHz	16QAM	20525	1RB#0	23.60	PASS
Band5	3MHz	16QAM	20525	1RB#8	23.53	PASS
Band5	3MHz	16QAM	20525	1RB#14	23.54	PASS
Band5	3MHz	16QAM	20525	8RB#0	22.74	PASS
Band5	3MHz	16QAM	20525	8RB#4	22.75	PASS
Band5	3MHz	16QAM	20525	8RB#7	22.72	PASS
Band5	3MHz	16QAM	20525	15RB#0	22.58	PASS
Band5	3MHz	16QAM	20635	1RB#0	23.88	PASS
Band5	3MHz	16QAM	20635	1RB#8	23.87	PASS
Band5	3MHz	16QAM	20635	1RB#14	23.77	PASS
Band5	3MHz	16QAM	20635	8RB#0	22.60	PASS
Band5	3MHz	16QAM	20635	8RB#4	22.60	PASS
Band5	3MHz	16QAM	20635	8RB#7	22.54	PASS
Band5	3MHz	16QAM	20635	15RB#0	22.51	PASS
Band5	5MHz	QPSK	20425	1RB#0	24.37	PASS
Band5	5MHz	QPSK	20425	1RB#12	24.30	PASS
Band5	5MHz	QPSK	20425	1RB#24	24.38	PASS
Band5	5MHz	QPSK	20425	12RB#0	23.43	PASS
Band5	5MHz	QPSK	20425	12RB#6	23.46	PASS
Band5	5MHz	QPSK	20425	12RB#13	23.43	PASS
Band5	5MHz	QPSK	20425	25RB#0	23.31	PASS
Band5	5MHz	QPSK	20525	1RB#0	24.55	PASS
Band5	5MHz	QPSK	20525	1RB#12	24.56	PASS
Band5	5MHz	QPSK	20525	1RB#24	24.58	PASS
Band5	5MHz	QPSK	20525	12RB#0	23.61	PASS
Band5	5MHz	QPSK	20525	12RB#6	23.62	PASS
Band5	5MHz	QPSK	20525	12RB#13	23.60	PASS
Band5	5MHz	QPSK	20525	25RB#0	23.53	PASS
Band5	5MHz	QPSK	20625	1RB#0	24.56	PASS
Band5	5MHz	QPSK	20625	1RB#12	24.50	PASS
Band5	5MHz	QPSK	20625	1RB#24	24.47	PASS





Band5	5MHz	QPSK	20625	12RB#0	23.53	PASS
Band5	5MHz	QPSK	20625	12RB#6	23.48	PASS
Band5	5MHz	QPSK	20625	12RB#13	23.35	PASS
Band5	5MHz	QPSK	20625	25RB#0	23.40	PASS
Band5	5MHz	16QAM	20425	1RB#0	22.86	PASS
Band5	5MHz	16QAM	20425	1RB#12	22.86	PASS
Band5	5MHz	16QAM	20425	1RB#24	23.02	PASS
Band5	5MHz	16QAM	20425	12RB#0	22.47	PASS
Band5	5MHz	16QAM	20425	12RB#6	22.49	PASS
Band5	5MHz	16QAM	20425	12RB#13	22.44	PASS
Band5	5MHz	16QAM	20425	25RB#0	22.56	PASS
Band5	5MHz	16QAM	20525	1RB#0	23.52	PASS
Band5	5MHz	16QAM	20525	1RB#12	23.53	PASS
Band5	5MHz	16QAM	20525	1RB#24	23.47	PASS
Band5	5MHz	16QAM	20525	12RB#0	22.56	PASS
Band5	5MHz	16QAM	20525	12RB#6	22.57	PASS
Band5	5MHz	16QAM	20525	12RB#13	22.63	PASS
Band5	5MHz	16QAM	20525	25RB#0	22.57	PASS
Band5	5MHz	16QAM	20625	1RB#0	23.51	PASS
Band5	5MHz	16QAM	20625	1RB#12	23.39	PASS
Band5	5MHz	16QAM	20625	1RB#24	23.32	PASS
Band5	5MHz	16QAM	20625	12RB#0	22.48	PASS
Band5	5MHz	16QAM	20625	12RB#6	22.53	PASS
Band5	5MHz	16QAM	20625	12RB#13	22.47	PASS
Band5	5MHz	16QAM	20625	25RB#0	22.50	PASS
Band5	10MHz	QPSK	20450	1RB#0	24.19	PASS
Band5	10MHz	QPSK	20450	1RB#24	24.26	PASS
Band5	10MHz	QPSK	20450	1RB#49	24.38	PASS
Band5	10MHz	QPSK	20450	25RB#0	23.39	PASS
Band5	10MHz	QPSK	20450	25RB#12	23.31	PASS
Band5	10MHz	QPSK	20450	25RB#25	23.59	PASS
Band5	10MHz	QPSK	20450	50RB#0	23.41	PASS
Band5	10MHz	QPSK	20525	1RB#0	24.50	PASS
Band5	10MHz	QPSK	20525	1RB#24	24.55	PASS
Band5	10MHz	QPSK	20525	1RB#49	24.51	PASS





Band5	10MHz	QPSK	20525	25RB#0	23.60	PASS
Band5	10MHz	QPSK	20525	25RB#12	23.62	PASS
Band5	10MHz	QPSK	20525	25RB#25	23.61	PASS
Band5	10MHz	QPSK	20525	50RB#0	23.53	PASS
Band5	10MHz	QPSK	20600	1RB#0	24.48	PASS
Band5	10MHz	QPSK	20600	1RB#24	24.32	PASS
Band5	10MHz	QPSK	20600	1RB#49	24.25	PASS
Band5	10MHz	QPSK	20600	25RB#0	23.47	PASS
Band5	10MHz	QPSK	20600	25RB#12	23.57	PASS
Band5	10MHz	QPSK	20600	25RB#25	23.45	PASS
Band5	10MHz	QPSK	20600	50RB#0	23.36	PASS
Band5	10MHz	16QAM	20450	1RB#0	23.32	PASS
Band5	10MHz	16QAM	20450	1RB#24	23.50	PASS
Band5	10MHz	16QAM	20450	1RB#49	23.59	PASS
Band5	10MHz	16QAM	20450	25RB#0	22.32	PASS
Band5	10MHz	16QAM	20450	25RB#12	22.34	PASS
Band5	10MHz	16QAM	20450	25RB#25	22.55	PASS
Band5	10MHz	16QAM	20450	50RB#0	22.51	PASS
Band5	10MHz	16QAM	20525	1RB#0	23.29	PASS
Band5	10MHz	16QAM	20525	1RB#24	23.29	PASS
Band5	10MHz	16QAM	20525	1RB#49	23.11	PASS
Band5	10MHz	16QAM	20525	25RB#0	22.68	PASS
Band5	10MHz	16QAM	20525	25RB#12	22.69	PASS
Band5	10MHz	16QAM	20525	25RB#25	22.72	PASS
Band5	10MHz	16QAM	20525	50RB#0	22.60	PASS
Band5	10MHz	16QAM	20600	1RB#0	23.49	PASS
Band5	10MHz	16QAM	20600	1RB#24	23.46	PASS
Band5	10MHz	16QAM	20600	1RB#49	23.37	PASS
Band5	10MHz	16QAM	20600	25RB#0	22.64	PASS
Band5	10MHz	16QAM	20600	25RB#12	22.61	PASS
Band5	10MHz	16QAM	20600	25RB#25	22.57	PASS
Band5	10MHz	16QAM	20600	50RB#0	22.56	PASS



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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	6RB#0	3.61	13	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	3.58	13	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	3.22	13	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	4.41	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	4.37	13	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	3.95	13	PASS
Band5	3MHz	QPSK	20415	15RB#0	3.33	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	3.58	13	PASS
Band5	3MHz	QPSK	20635	15RB#0	3.31	13	PASS
Band5	3MHz	16QAM	20415	15RB#0	4.29	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	4.46	13	PASS
Band5	3MHz	16QAM	20635	15RB#0	4.16	13	PASS
Band5	5MHz	QPSK	20425	25RB#0	3.11	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	3.61	13	PASS
Band5	5MHz	QPSK	20625	25RB#0	3.42	13	PASS
Band5	5MHz	16QAM	20425	25RB#0	3.96	13	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.37	13	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.21	13	PASS
Band5	10MHz	QPSK	20450	50RB#0	3.14	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	3.63	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	4.04	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	3.84	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	4.49	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	4.79	13	PASS



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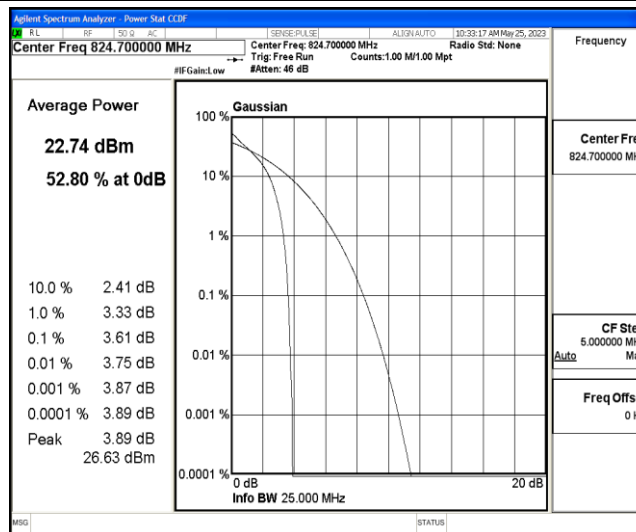
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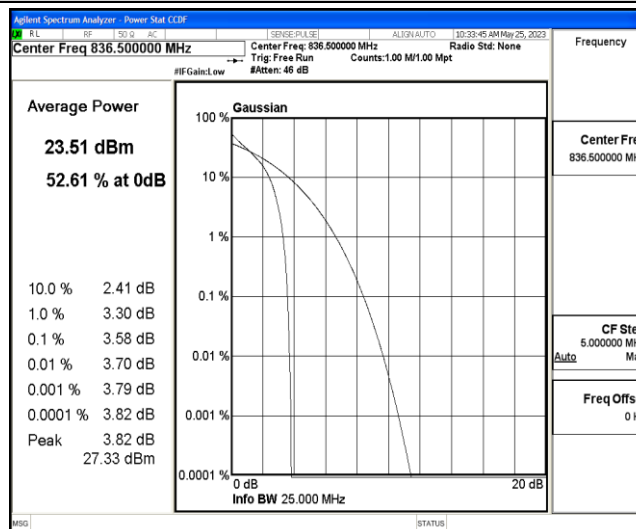


Test Graphs

Band5-1.4MHz-QPSK-20407-6RB#0

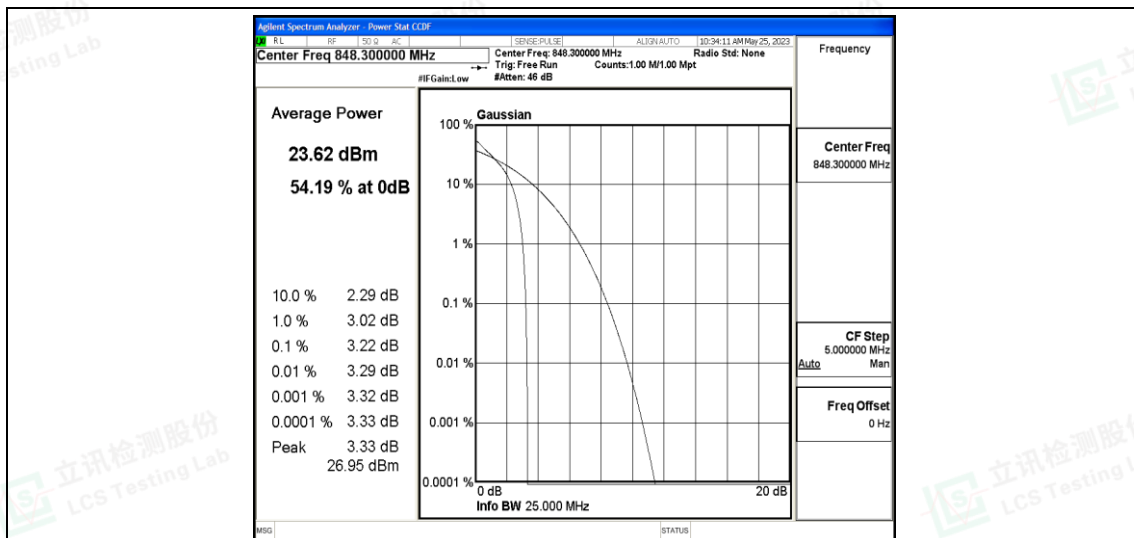


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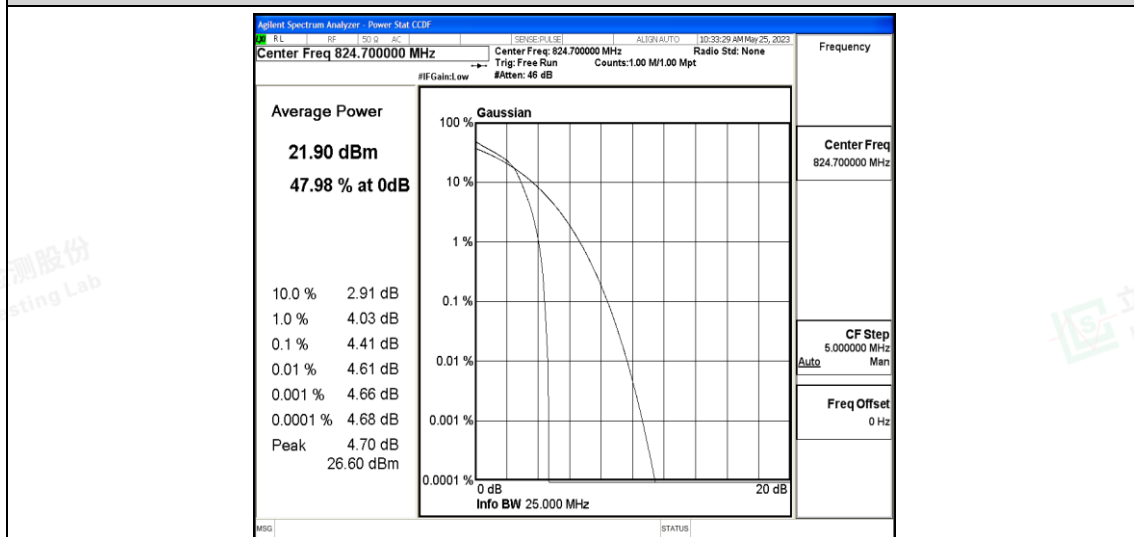


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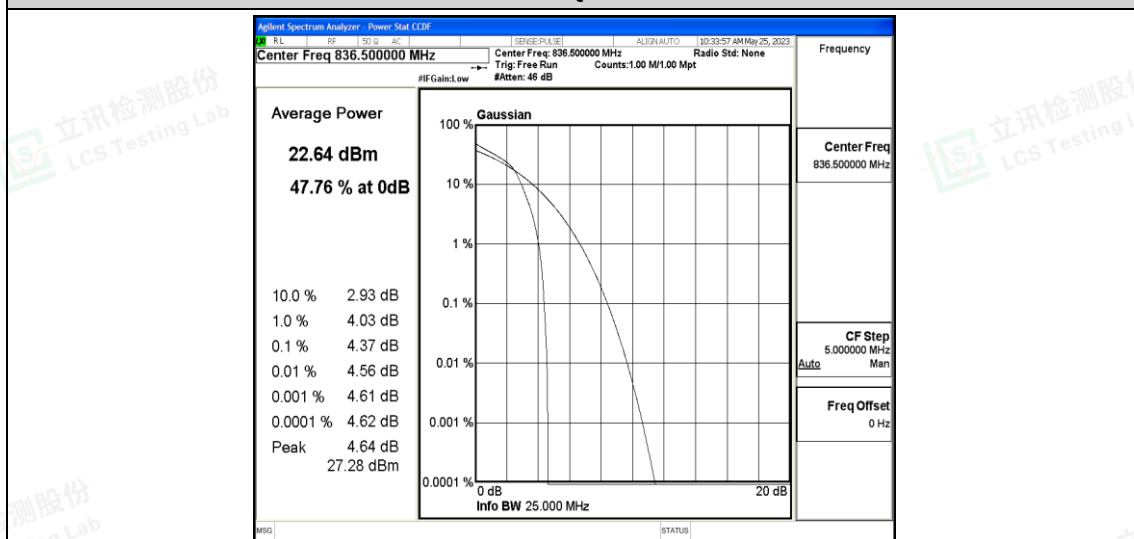




Band5-1.4MHz-16QAM-20407-6RB#0



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



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

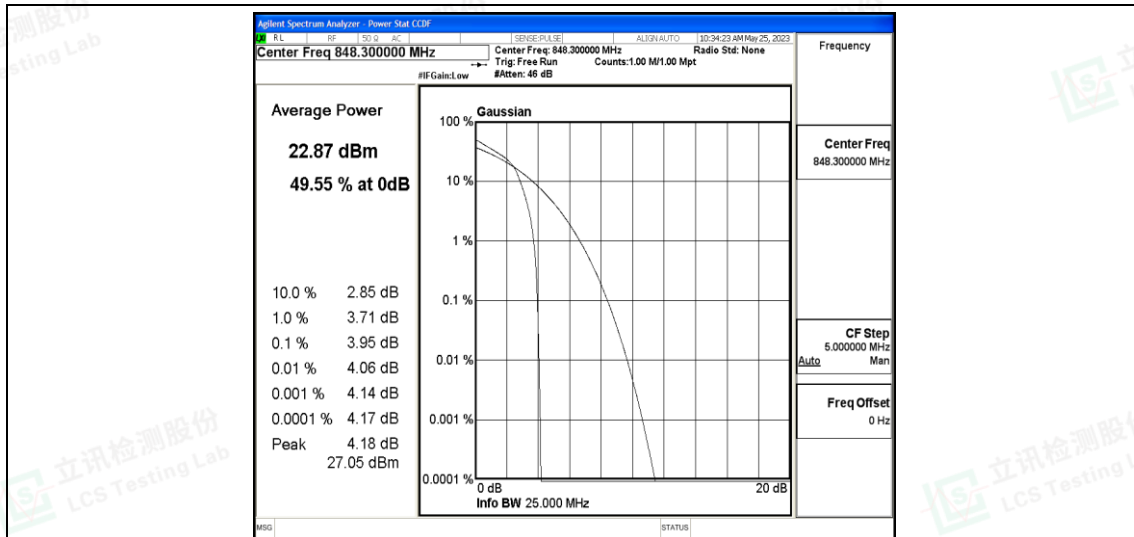


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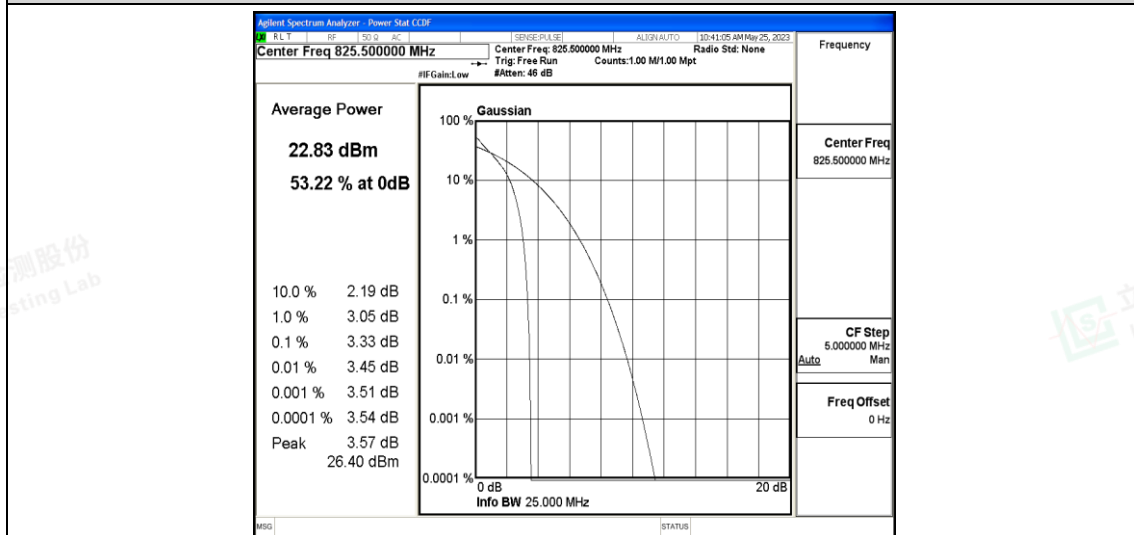
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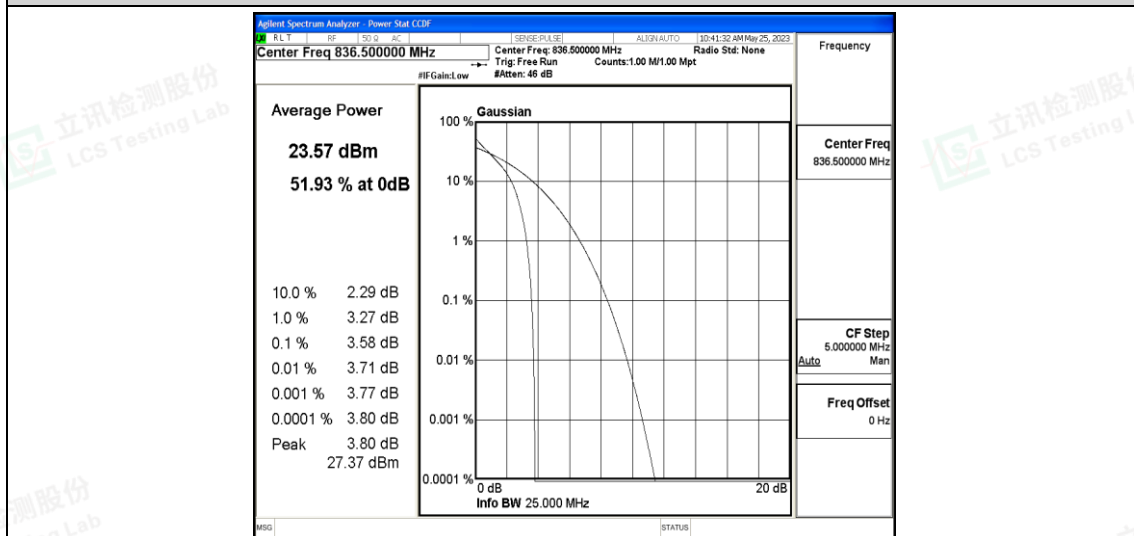
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Band5-3MHz-QPSK-20415-15RB#0



Band5-3MHz-QPSK-20525-15RB#0



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

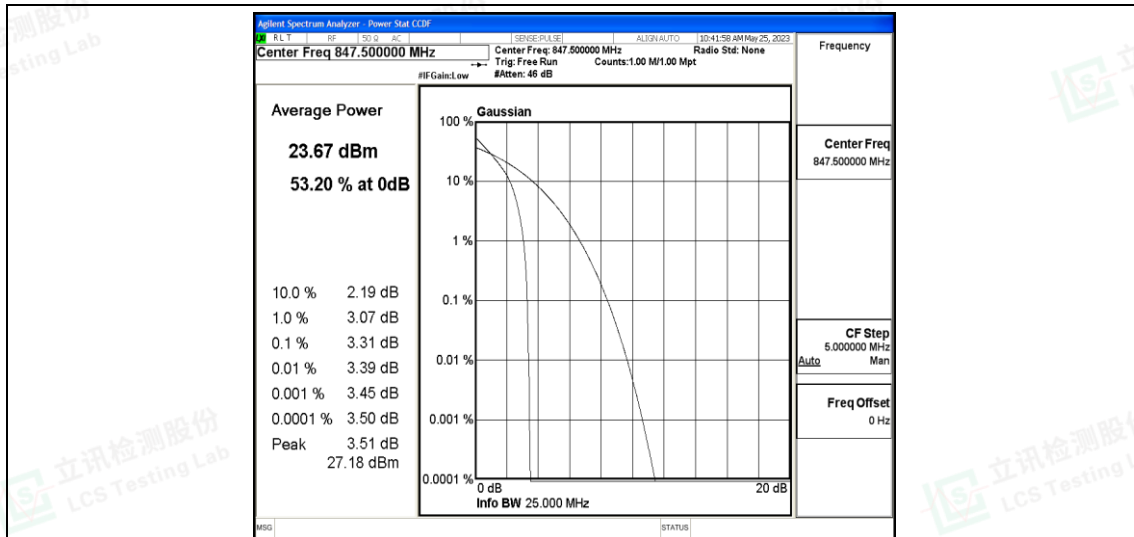


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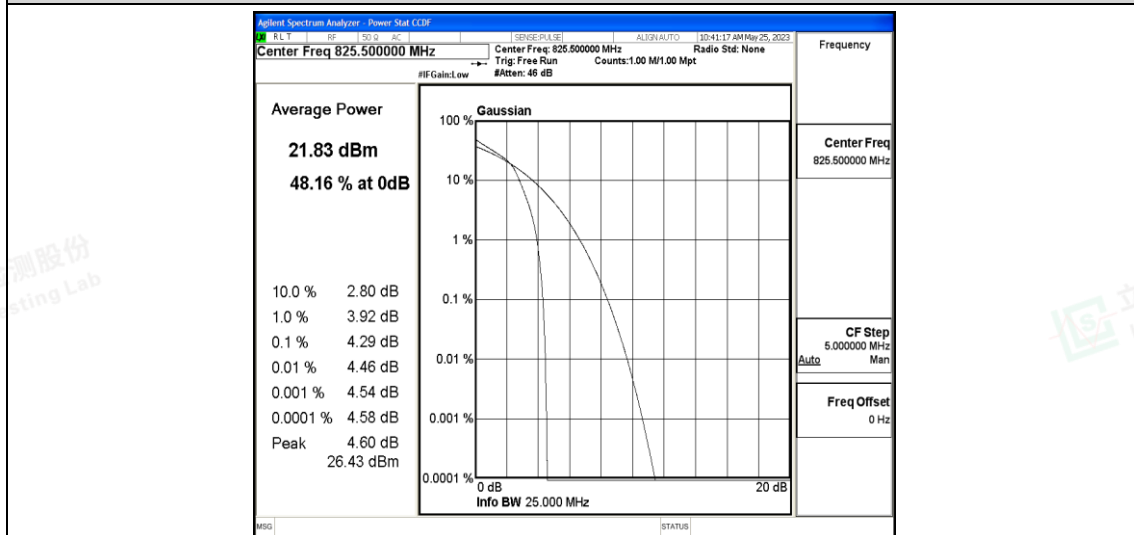
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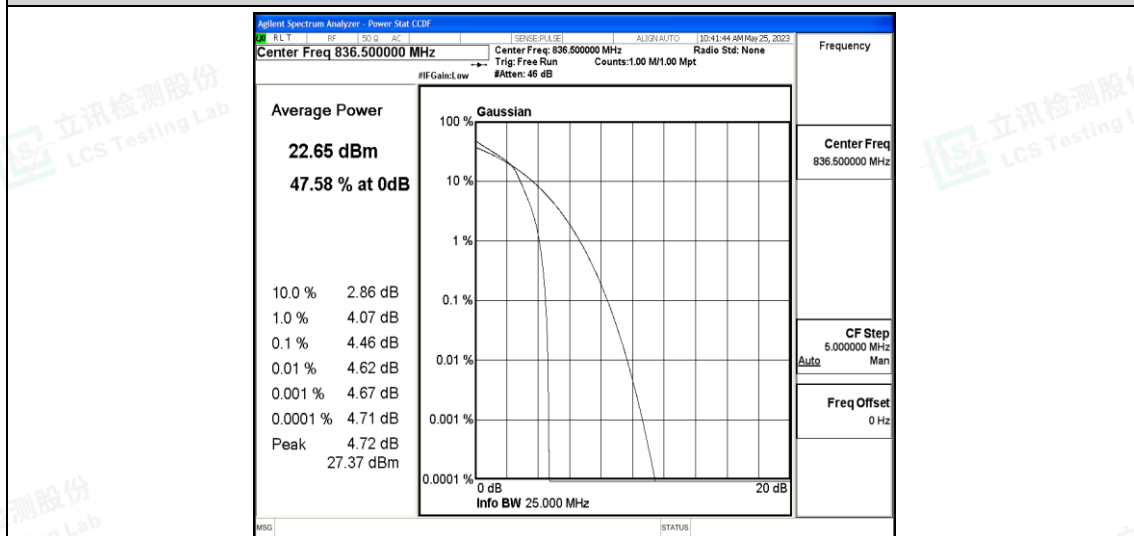
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Band5-3MHz-16QAM-20415-15RB#0



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



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

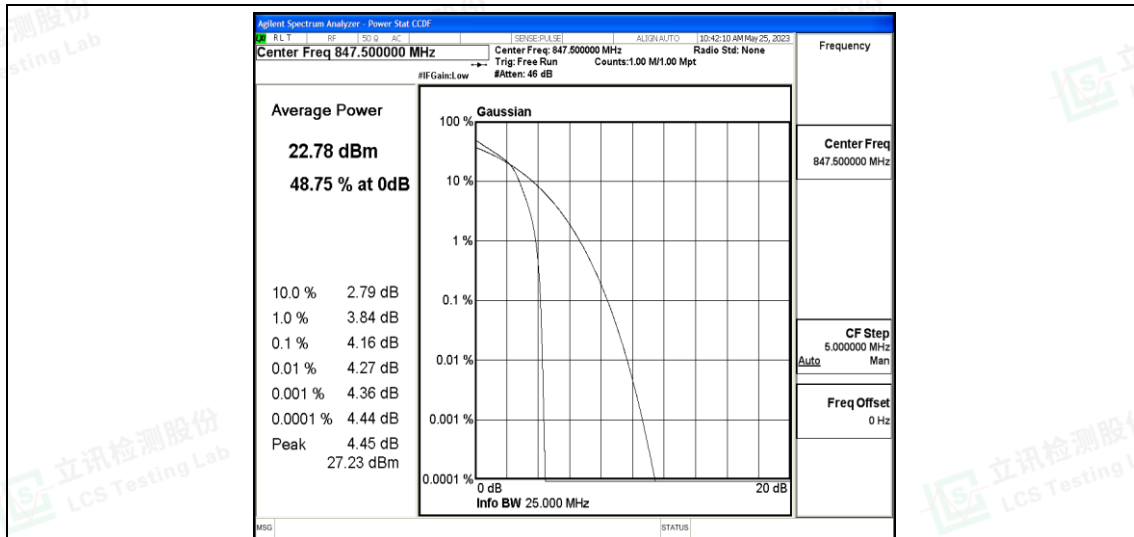


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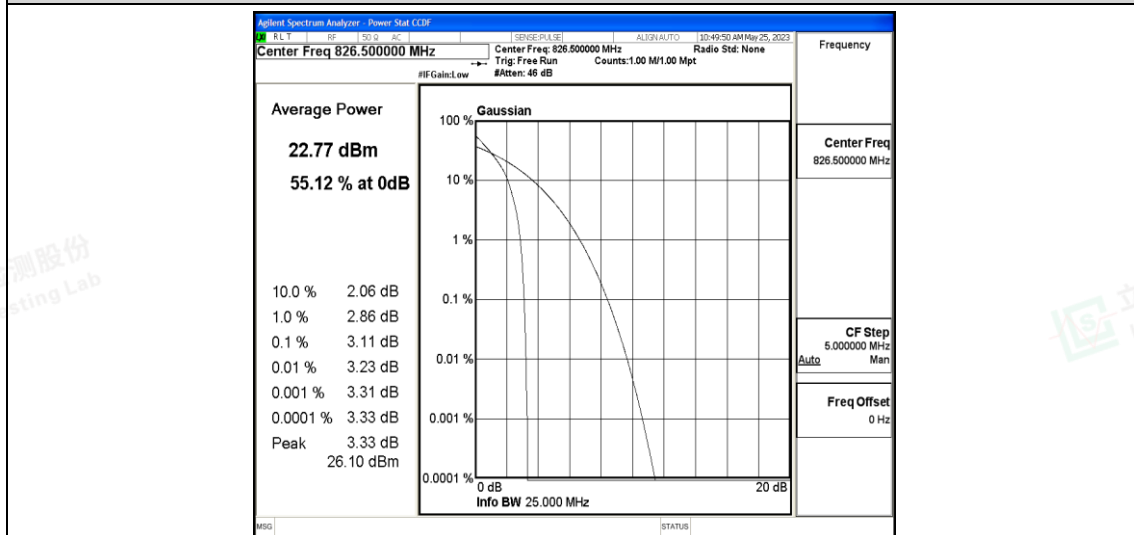
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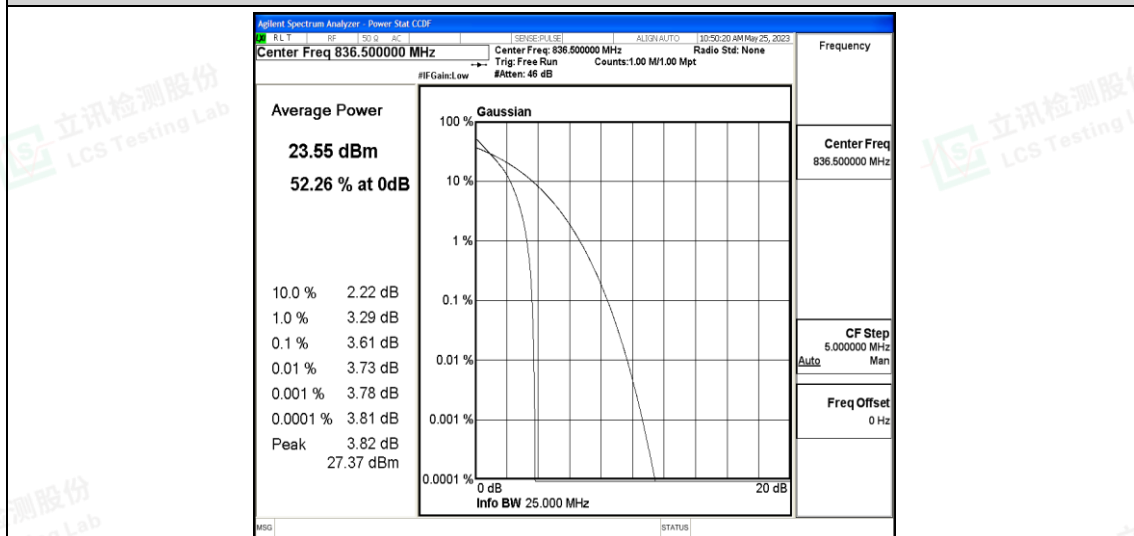
Scan code to check authenticity



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



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



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

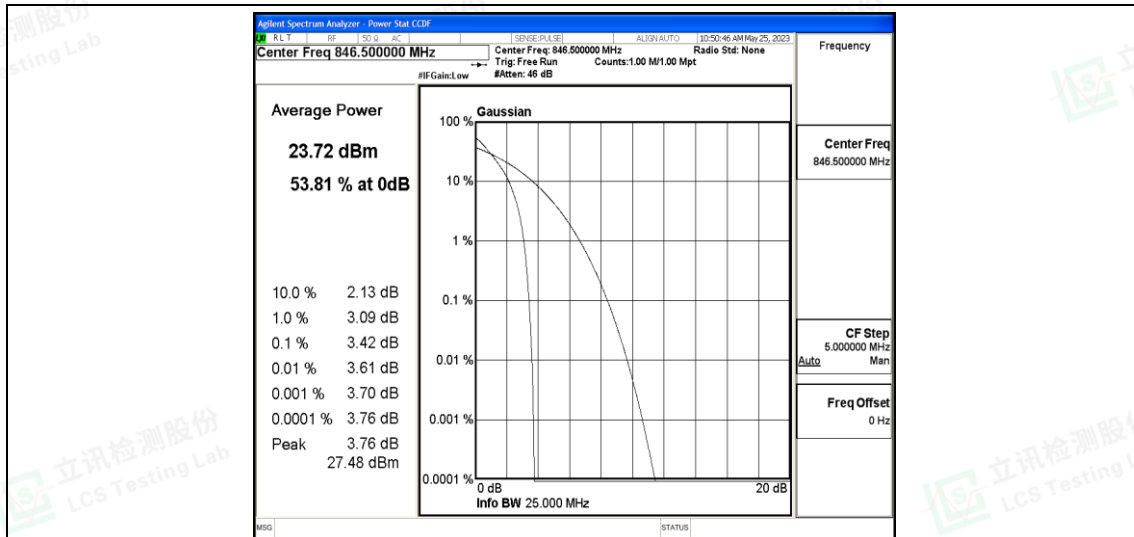


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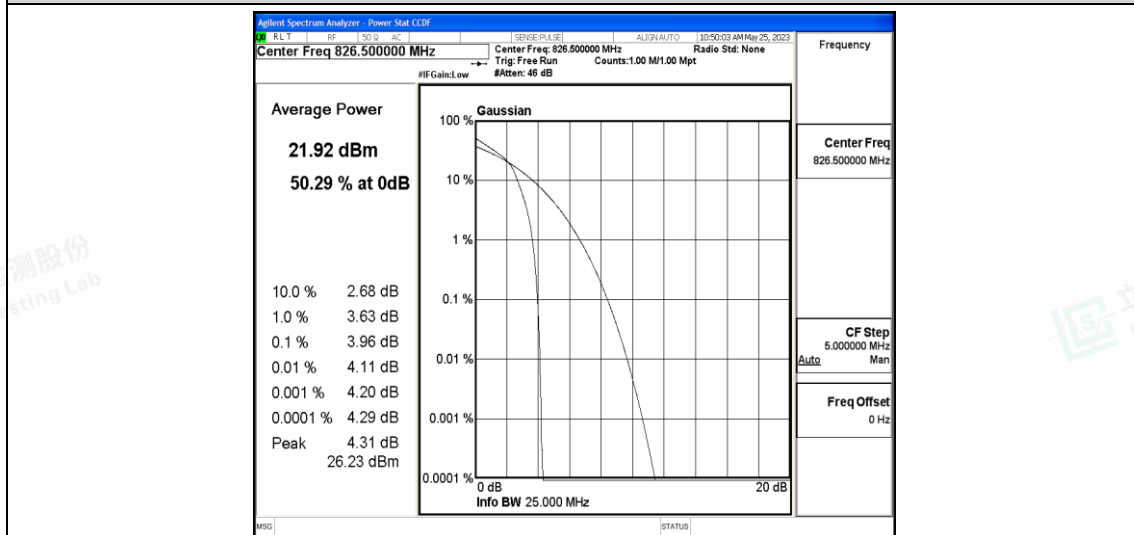
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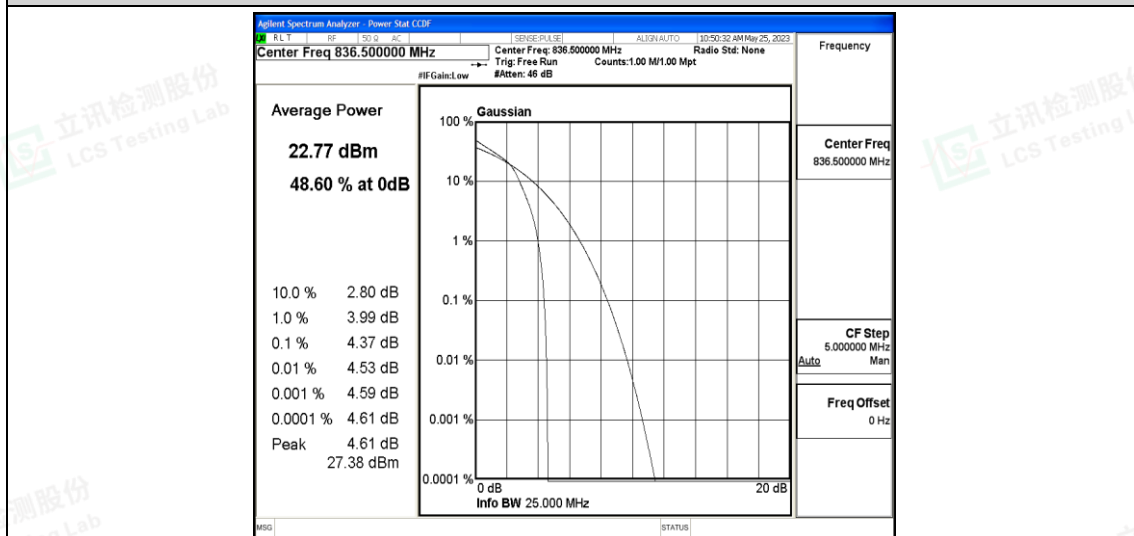
Scan code to check authenticity



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

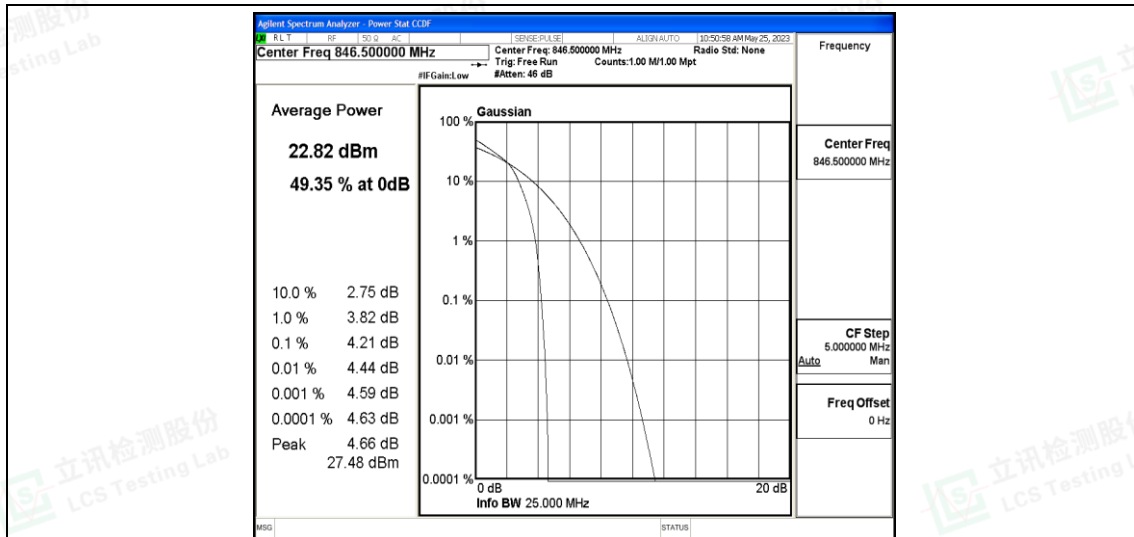


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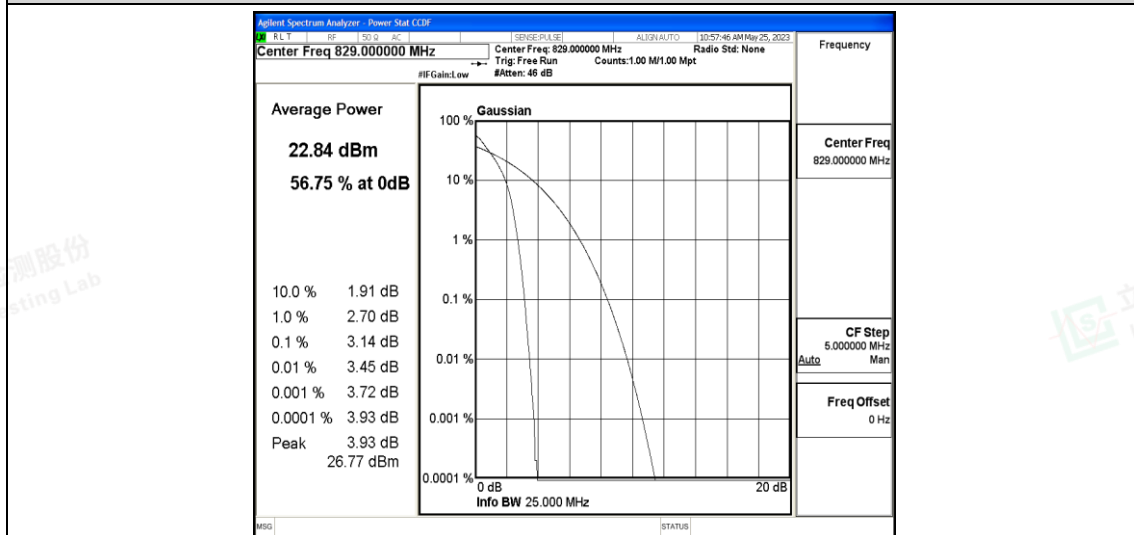


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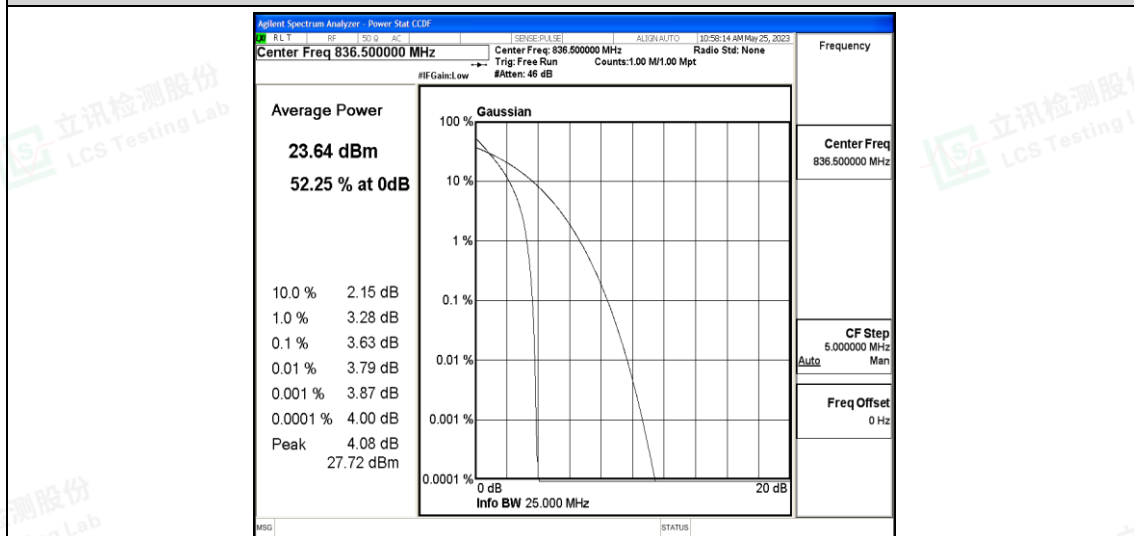




Band5-10MHz-QPSK-20450-50RB#0



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



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

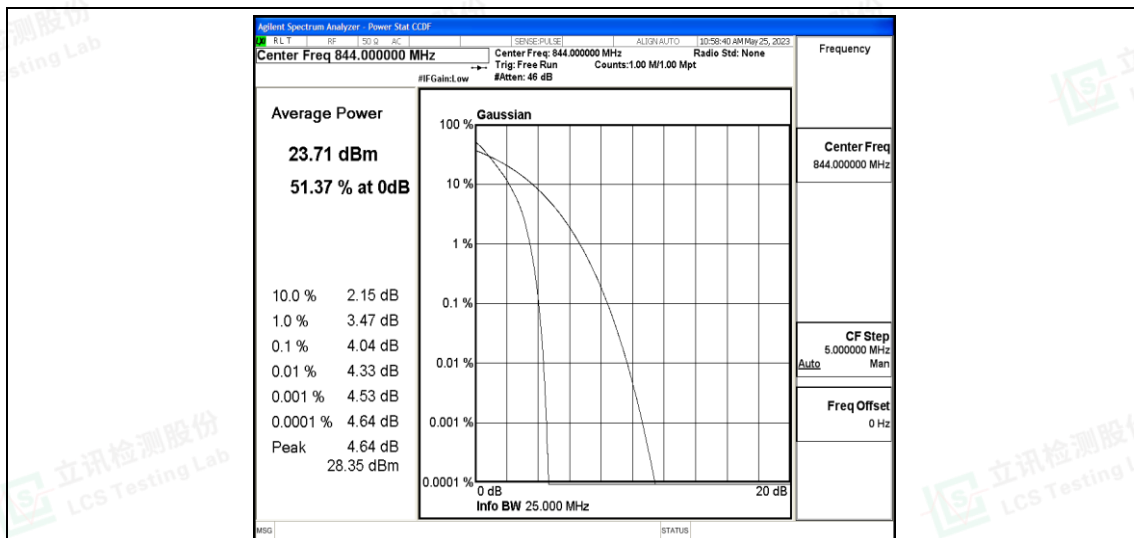


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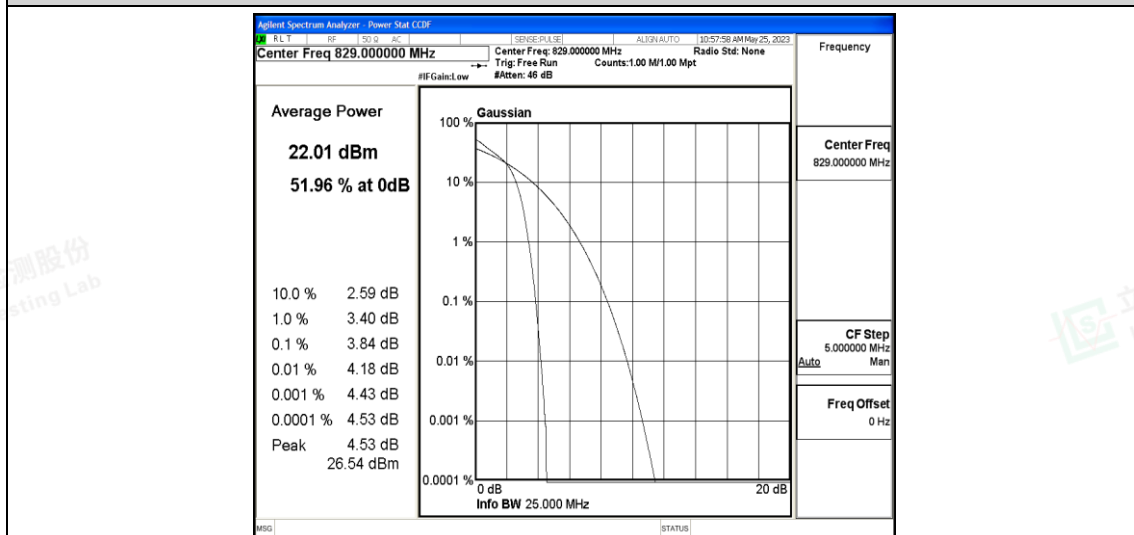
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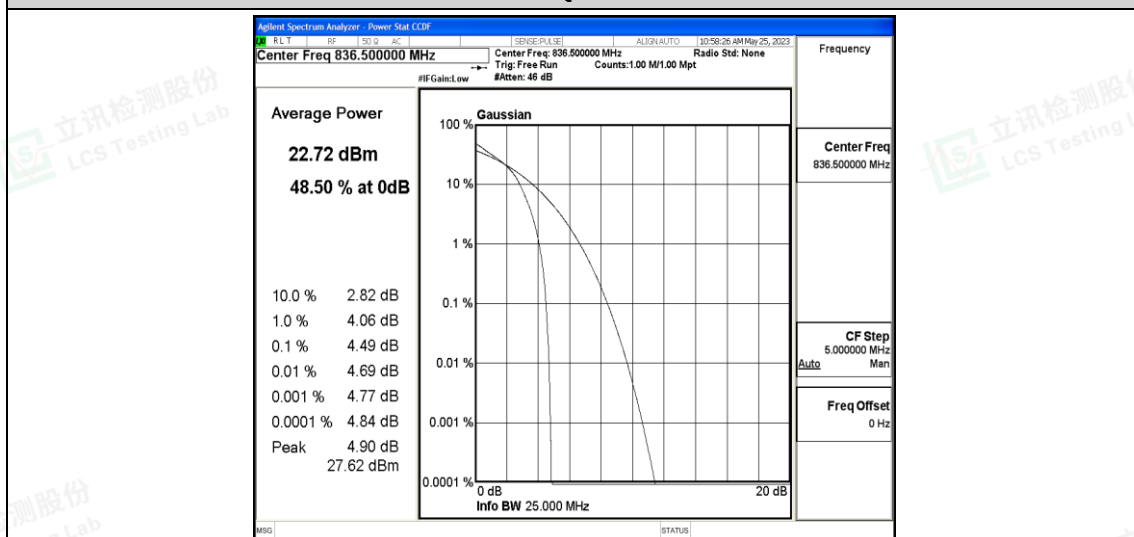
Scan code to check authenticity



Band5-10MHz-16QAM-20450-50RB#0



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



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

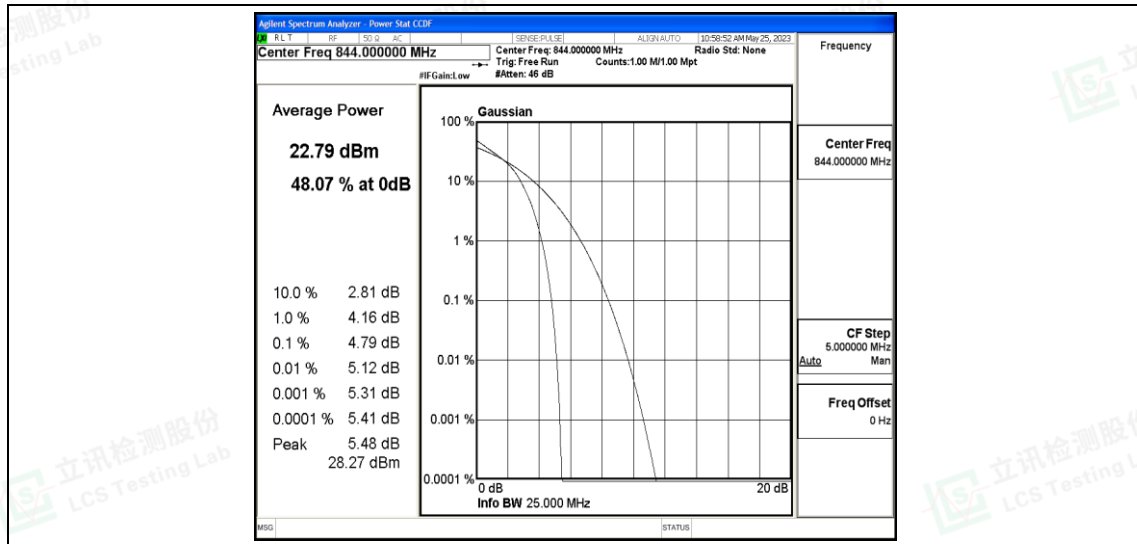


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H.3 26dB Bandwidth and Occupied Bandwidth

Test Result

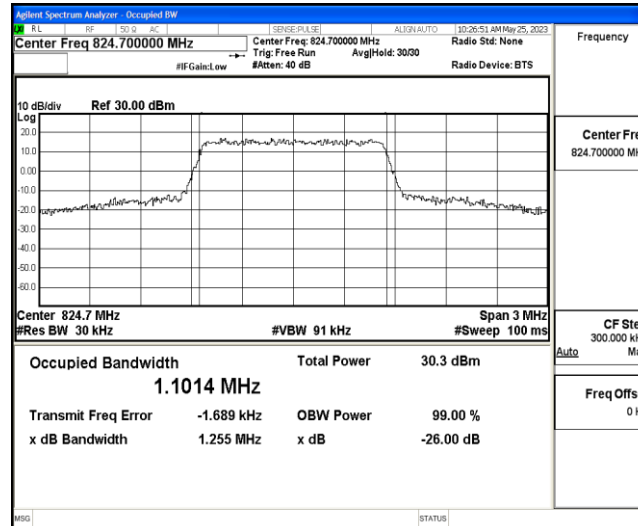
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	1.1014	1.255	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.1049	1.296	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.1103	1.293	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.1047	1.265	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.1071	1.361	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.1089	1.277	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.7197	3.016	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.7158	3.016	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.7189	3.392	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.7146	3.054	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.7085	3.064	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.7221	3.487	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.5350	5.326	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.5411	5.332	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.5320	6.304	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.5275	5.017	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.5255	5.016	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.5565	7.374	PASS
Band5	10MHz	QPSK	20450	50RB#0	9.0812	15.65	PASS
Band5	10MHz	QPSK	20525	50RB#0	9.0294	10.35	PASS
Band5	10MHz	QPSK	20600	50RB#0	9.0393	11.04	PASS
Band5	10MHz	16QAM	20450	50RB#0	9.0753	14.29	PASS
Band5	10MHz	16QAM	20525	50RB#0	9.0102	9.985	PASS
Band5	10MHz	16QAM	20600	50RB#0	9.0218	11.05	PASS



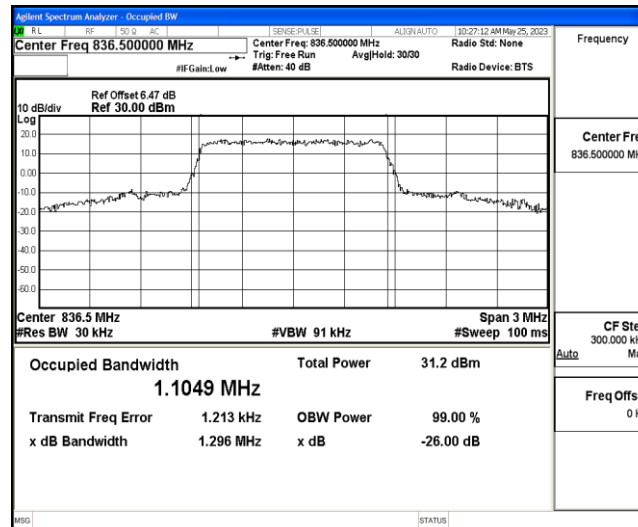


Test Graphs

Band5-1.4MHz-QPSK-20407-6RB#0



Band5-1.4MHz-QPSK-20525-6RB#0



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

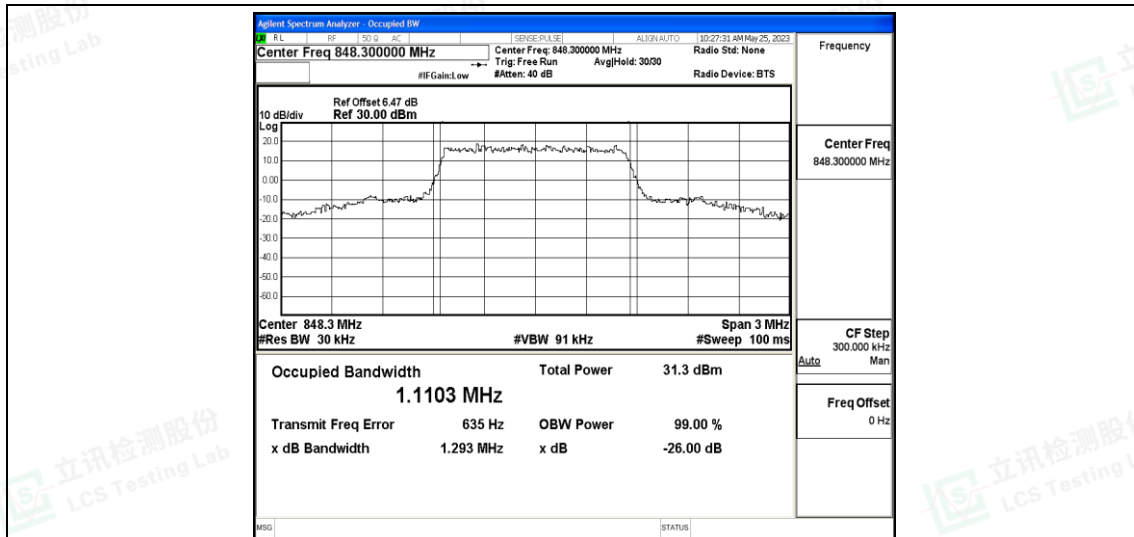


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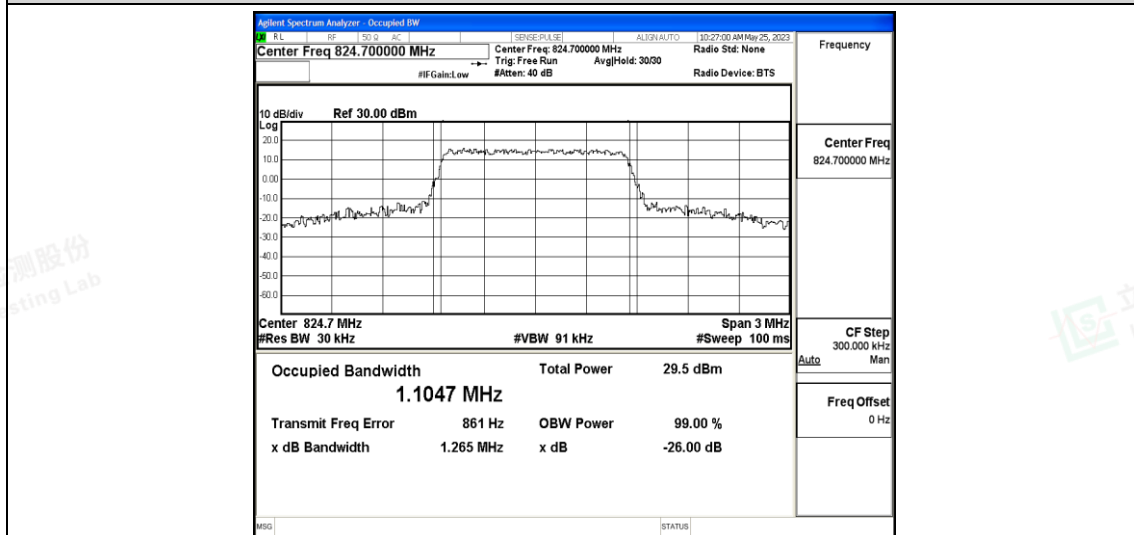
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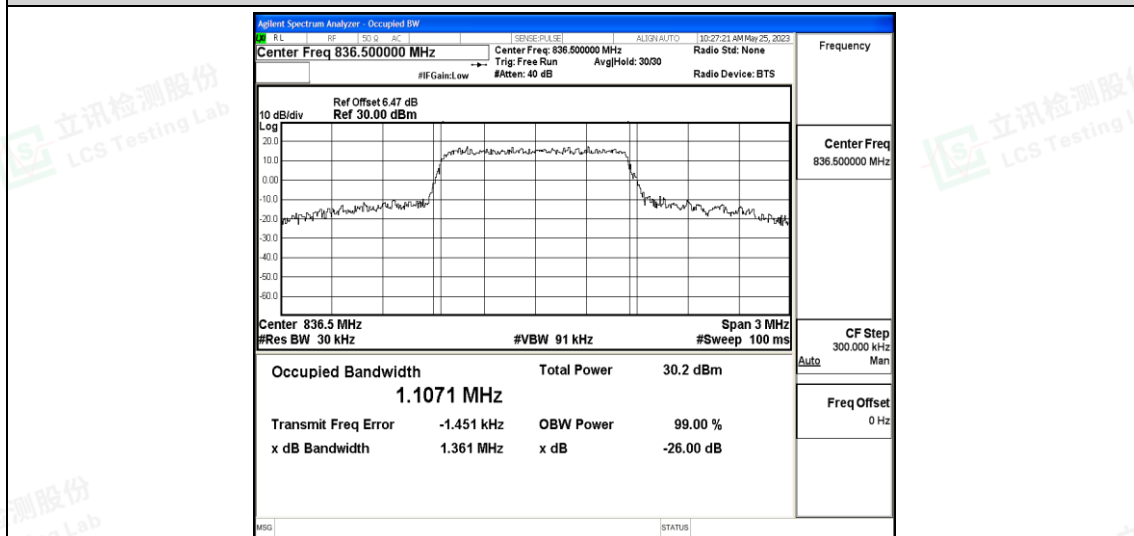
Scan code to check authenticity



Band5-1.4MHz-16QAM-20407-6RB#0



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



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

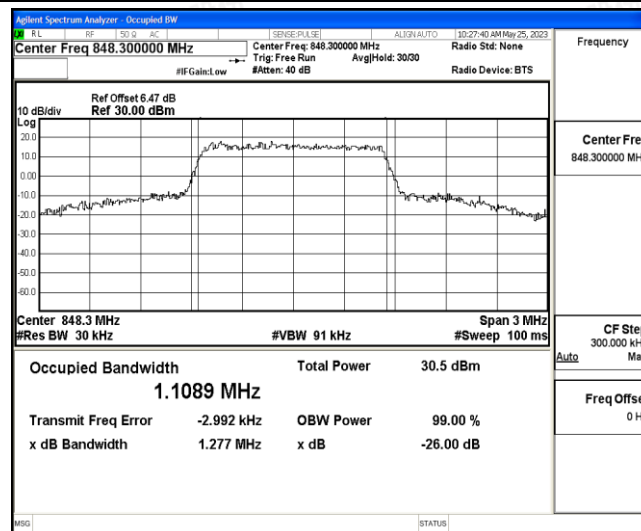


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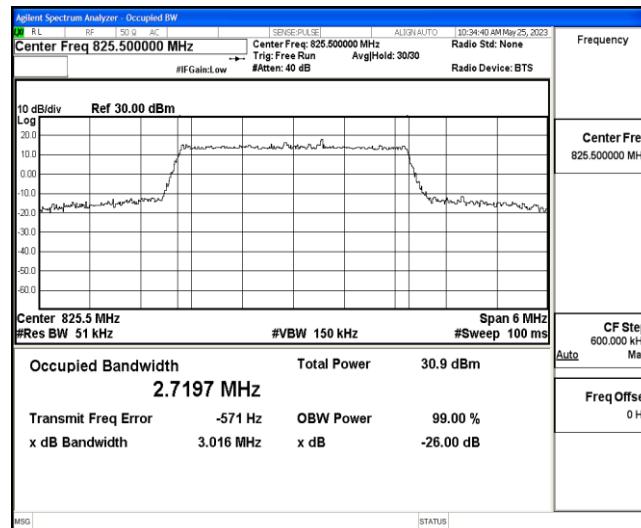
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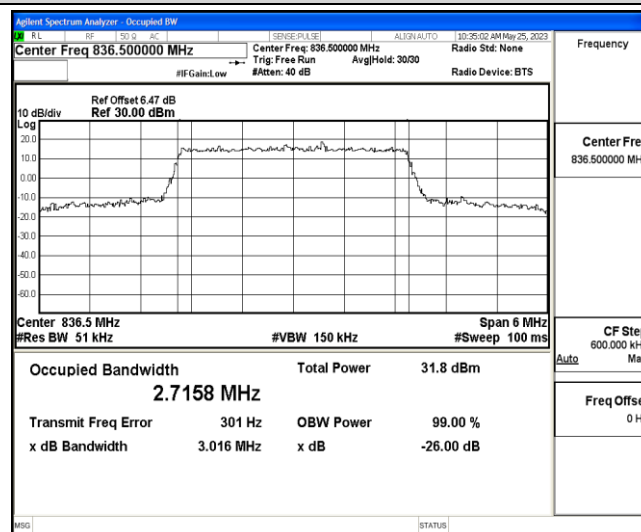
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Band5-3MHz-QPSK-20415-15RB#0



Band5-3MHz-QPSK-20525-15RB#0



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

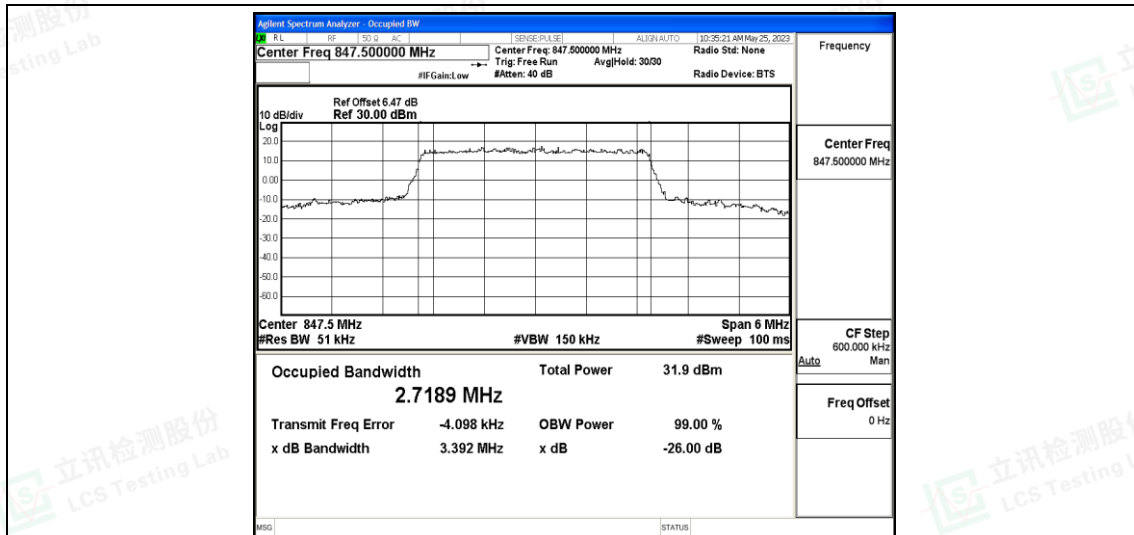


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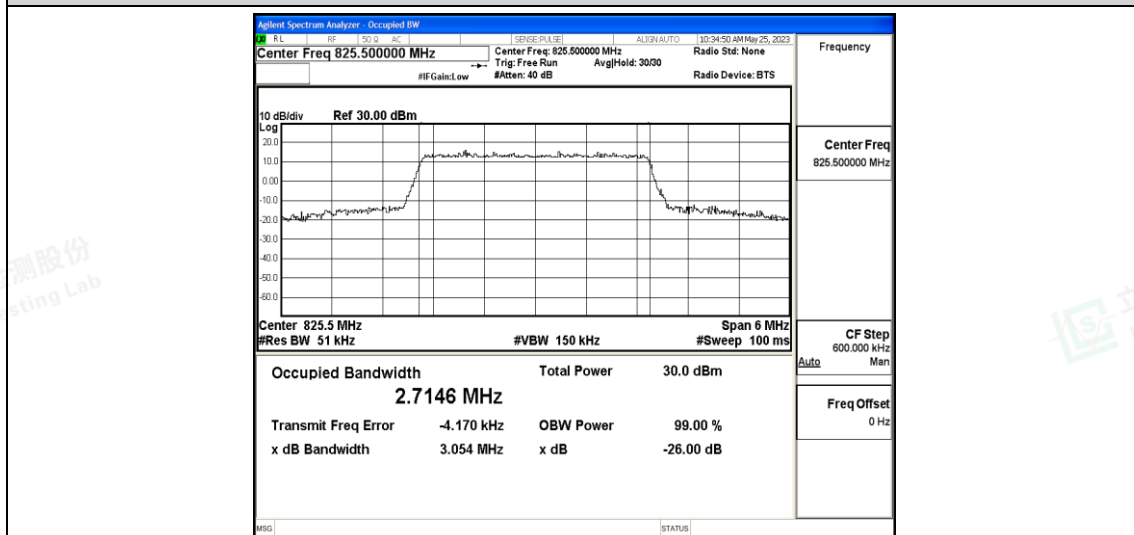
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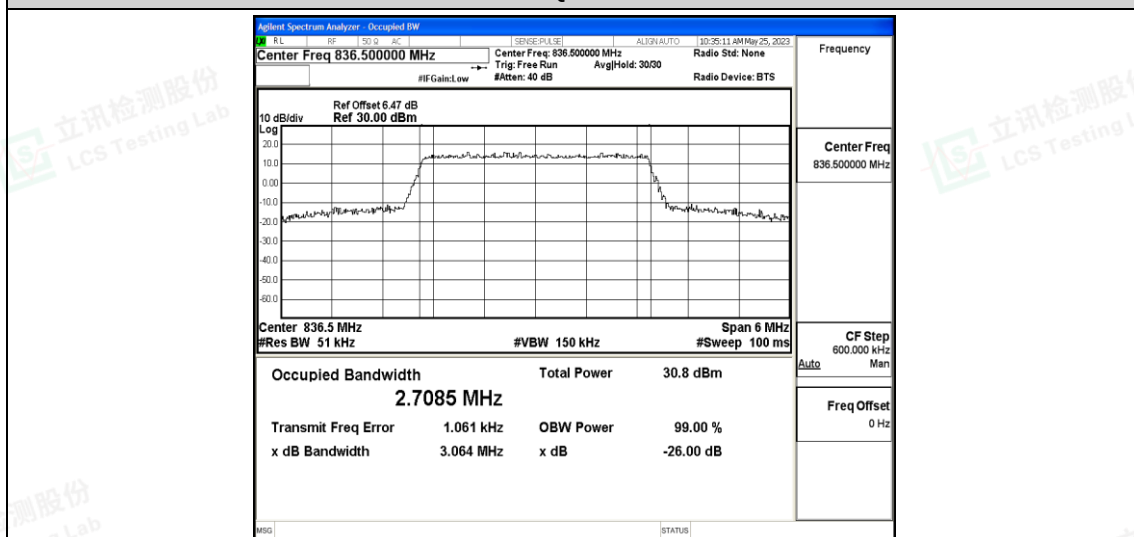
Scan code to check authenticity



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

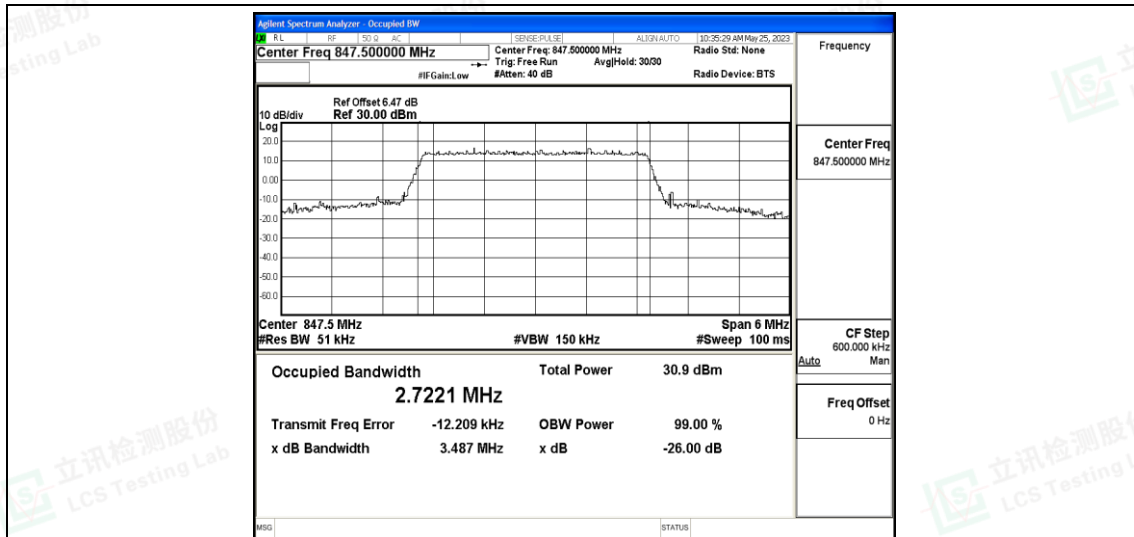


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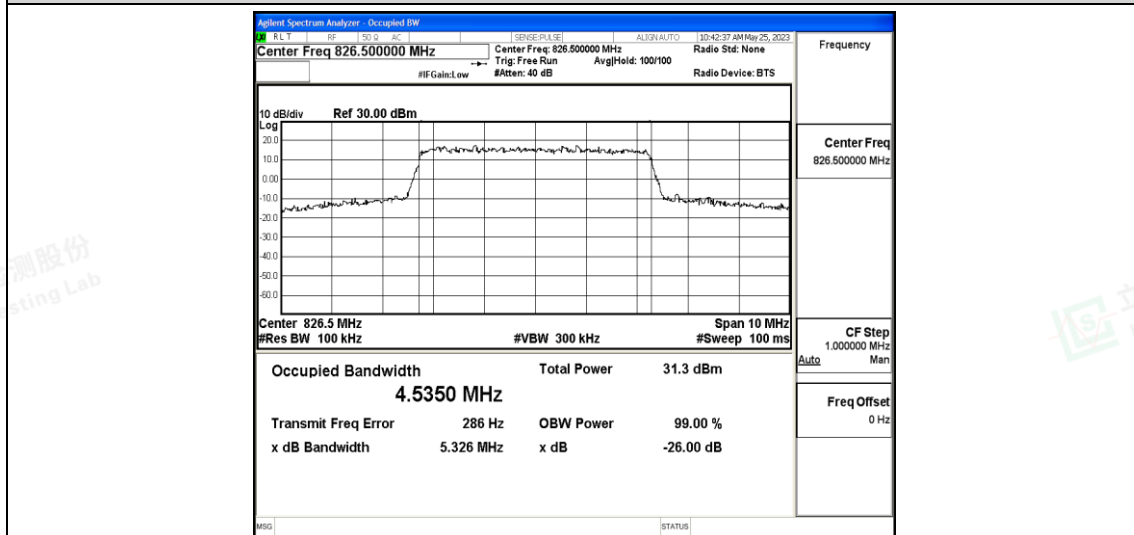


Band5-3MHz-16QAM-20635-15RB#0

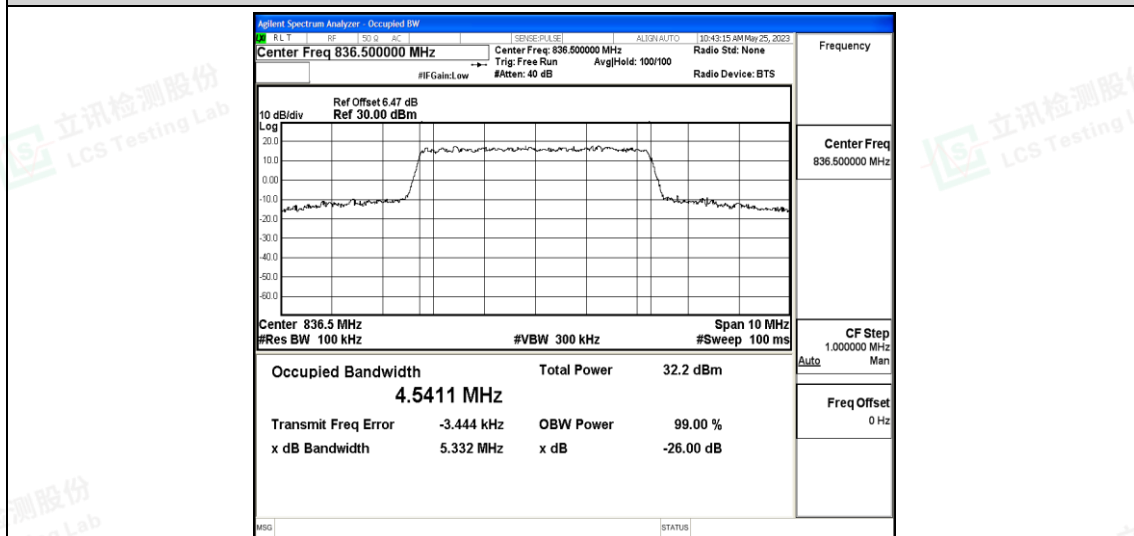




Band5-5MHz-QPSK-20425-25RB#0

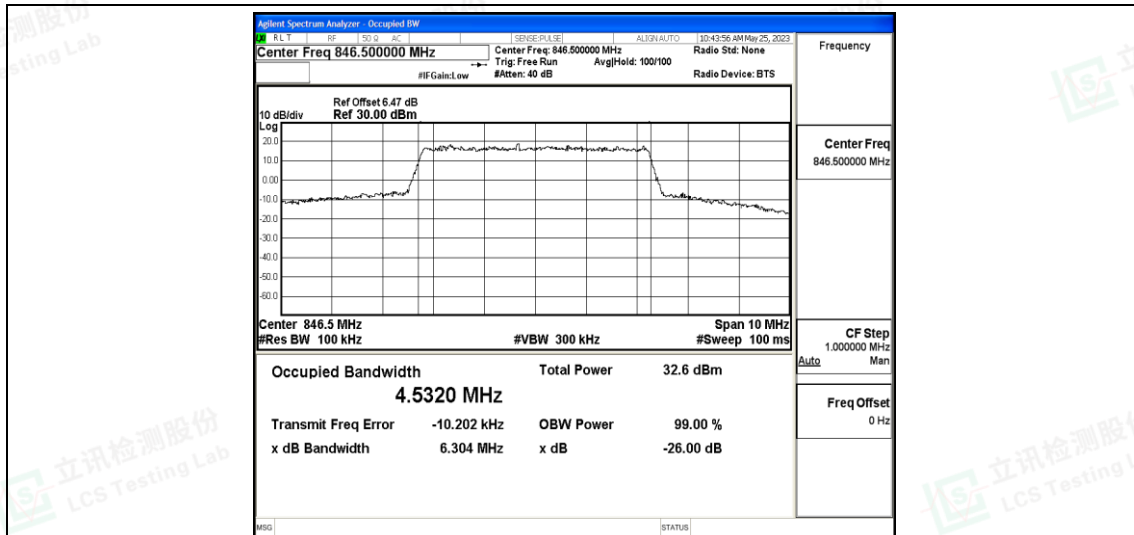


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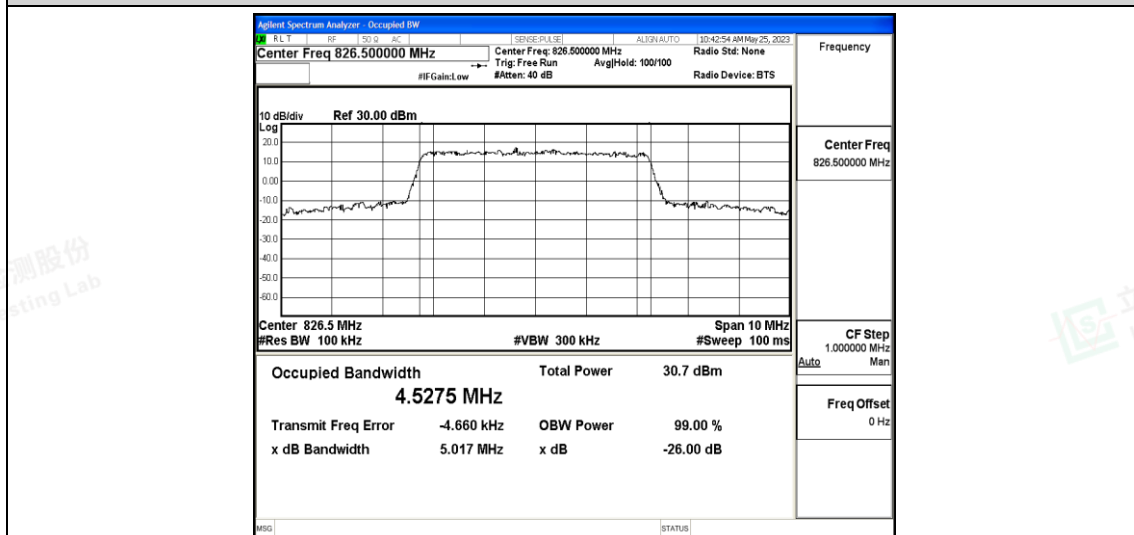


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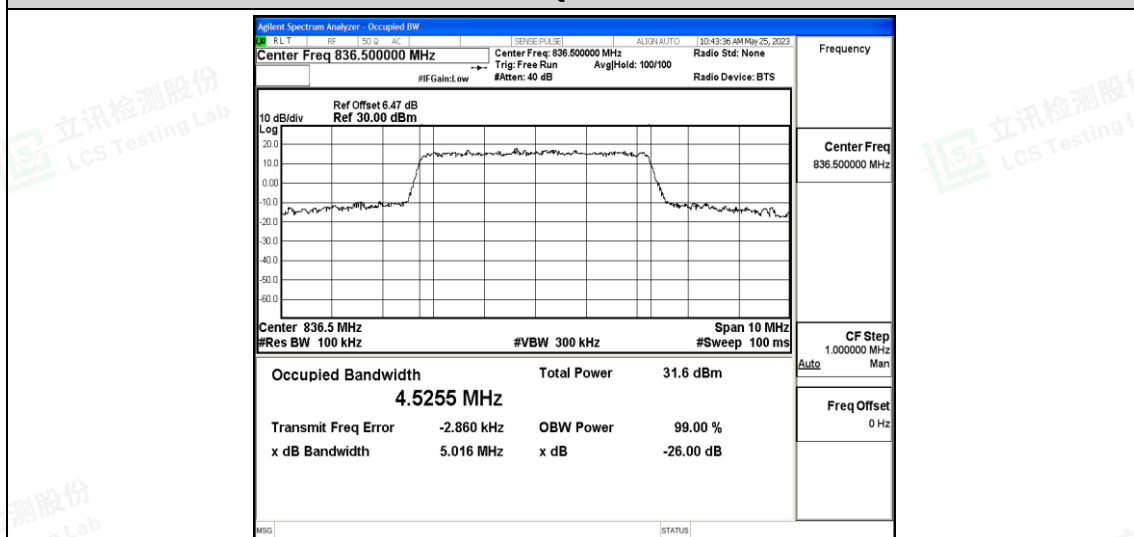




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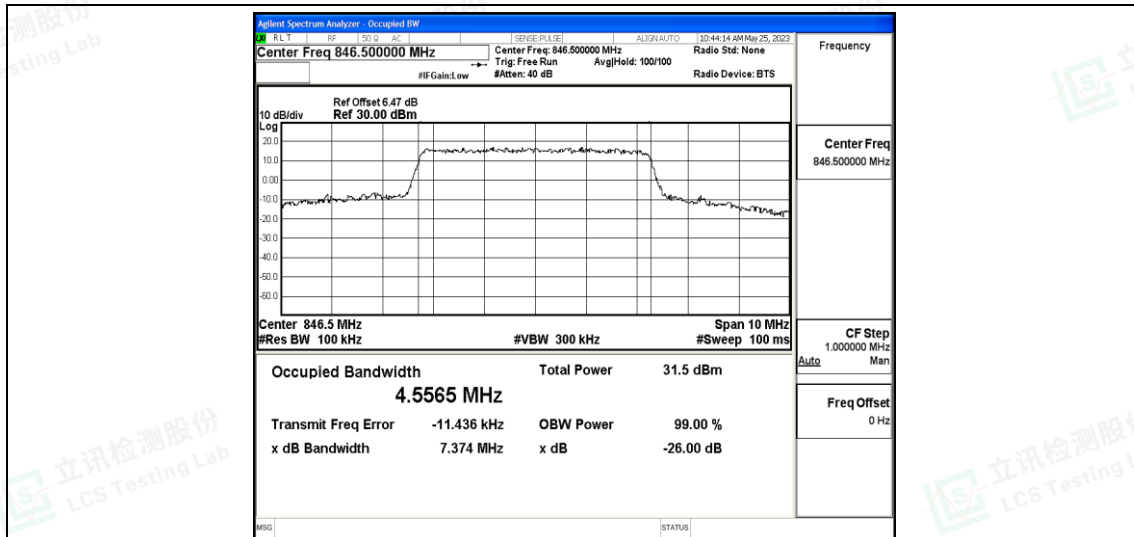


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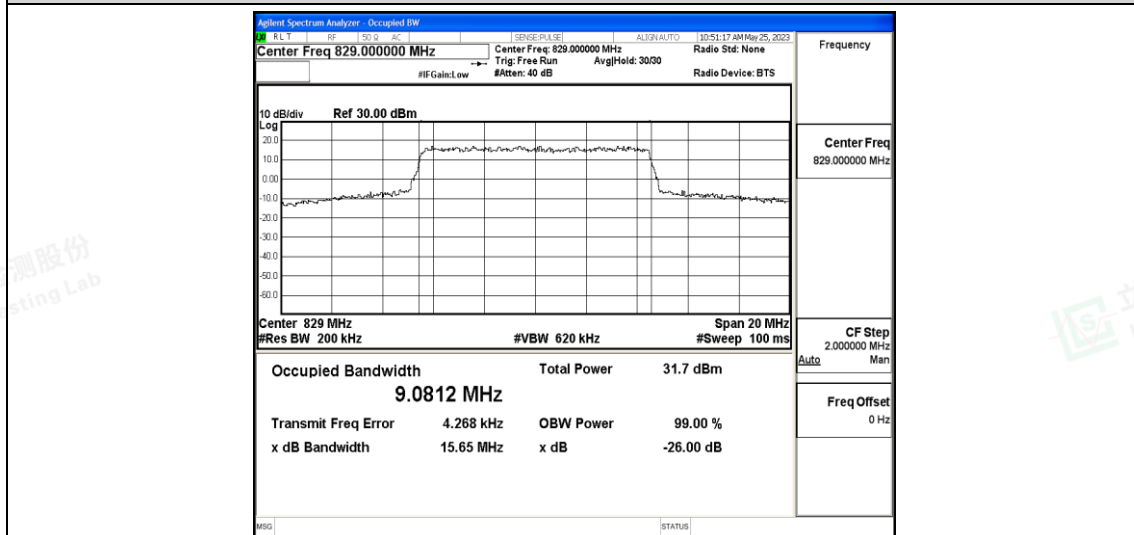


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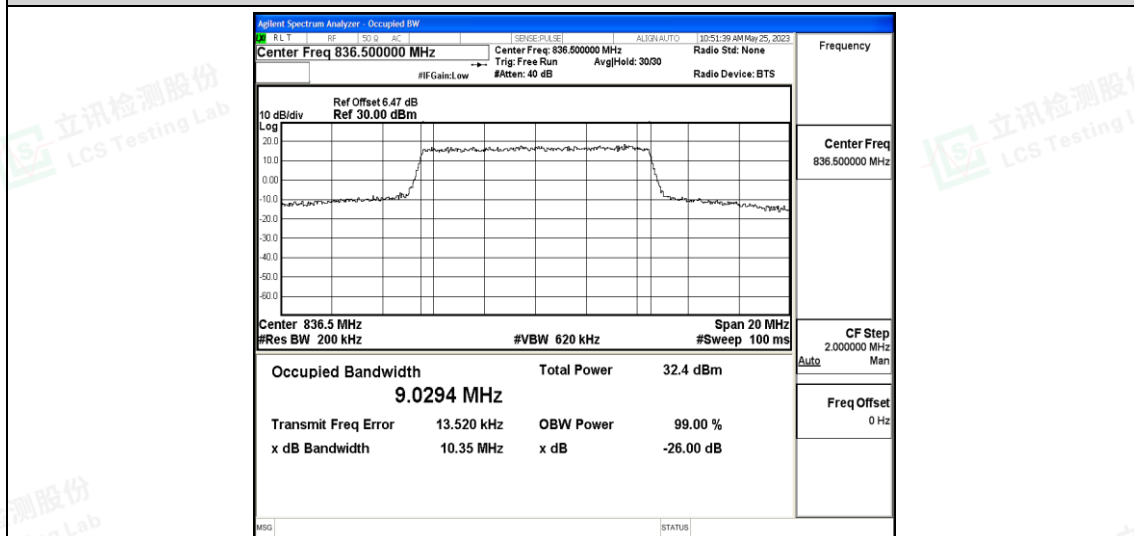




Band5-10MHz-QPSK-20450-50RB#0

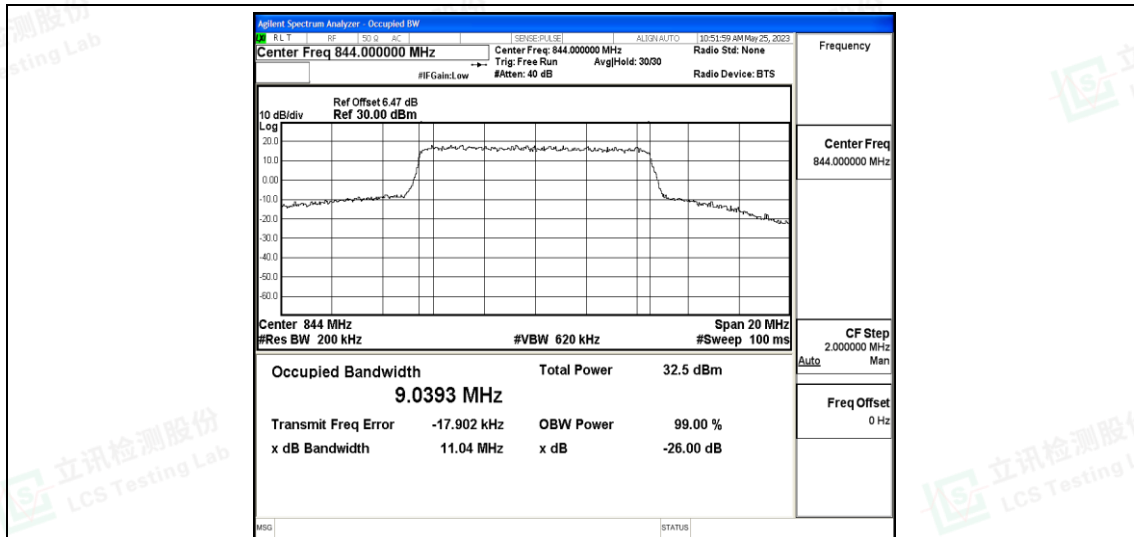


Band5-10MHz-QPSK-20525-50RB#0

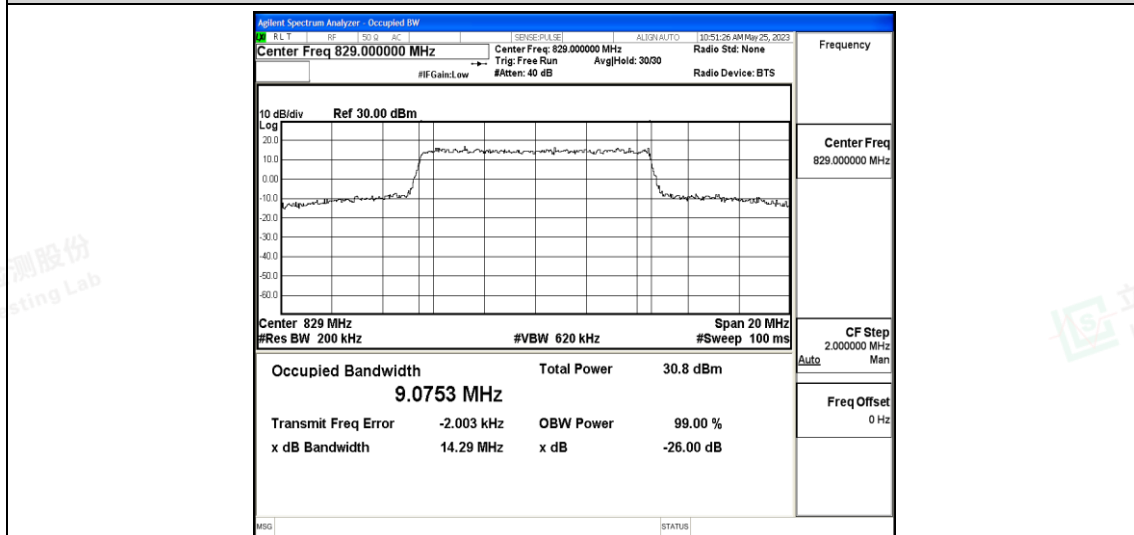


Band5-10MHz-QPSK-20600-50RB#0

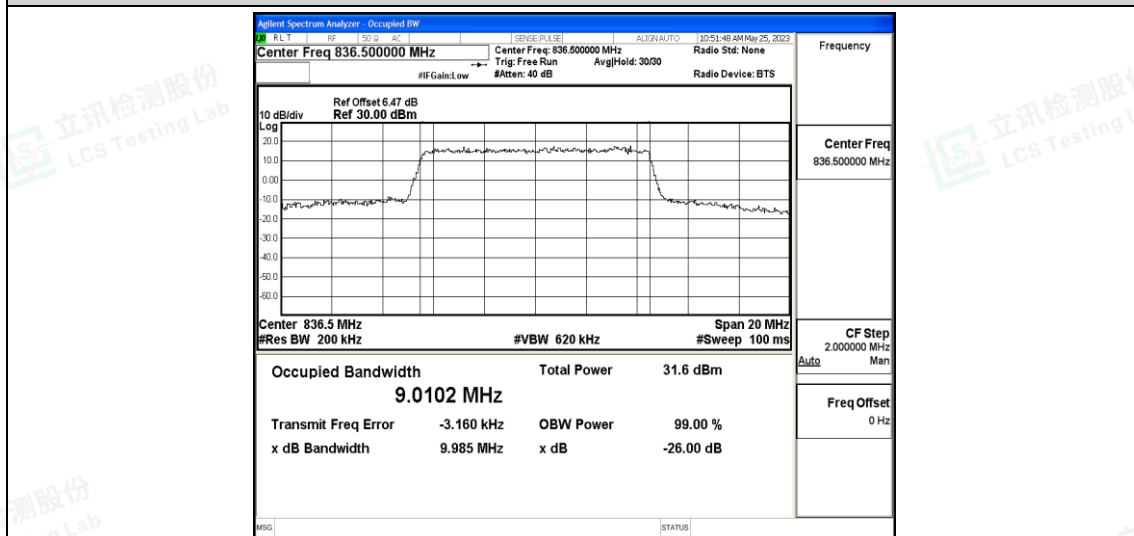




Band5-10MHz-16QAM-20450-50RB#0

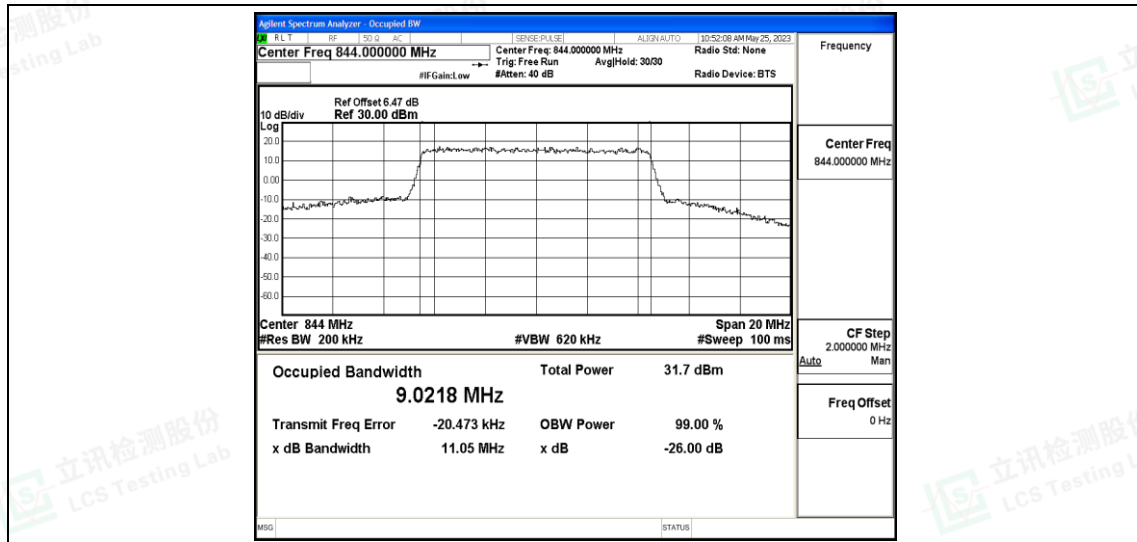


Band5-10MHz-16QAM-20525-50RB#0



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





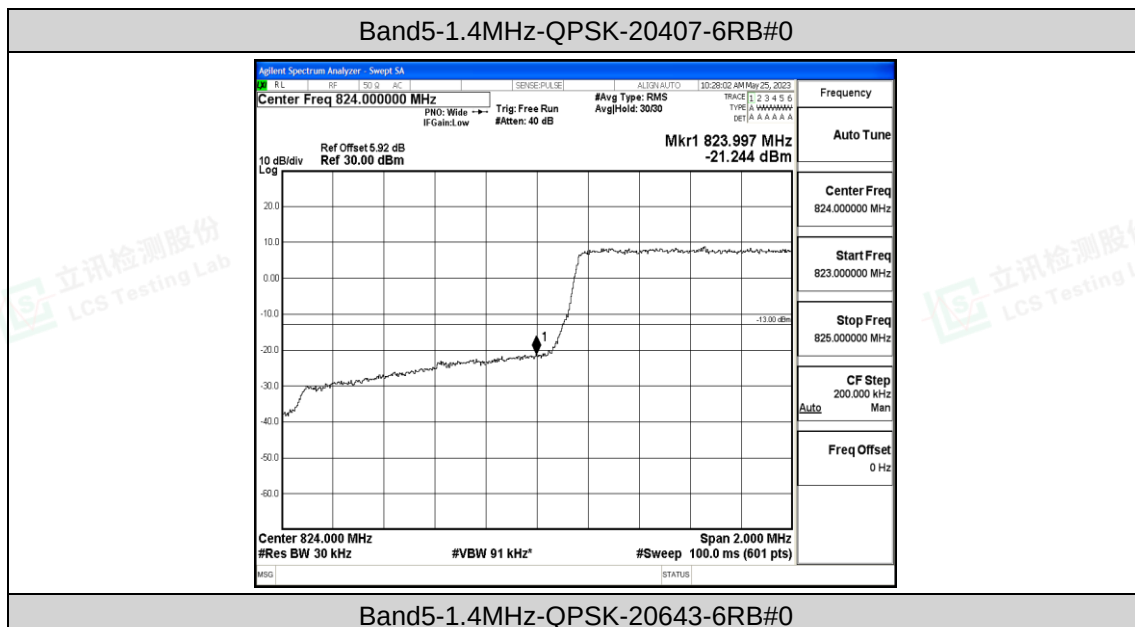


H.4 Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	-21.24	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	-17.12	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	-24.47	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	-19.66	PASS
Band5	3MHz	QPSK	20415	15RB#0	-18.34	PASS
Band5	3MHz	QPSK	20635	15RB#0	-16.35	PASS
Band5	3MHz	16QAM	20415	15RB#0	-20.25	PASS
Band5	3MHz	16QAM	20635	15RB#0	-18.67	PASS
Band5	5MHz	QPSK	20425	25RB#0	-18.40	PASS
Band5	5MHz	QPSK	20625	25RB#0	-16.60	PASS
Band5	5MHz	16QAM	20425	25RB#0	-20.89	PASS
Band5	5MHz	16QAM	20625	25RB#0	-18.19	PASS
Band5	10MHz	QPSK	20450	50RB#0	-15.35	PASS
Band5	10MHz	QPSK	20600	50RB#0	-18.06	PASS
Band5	10MHz	16QAM	20450	50RB#0	-18.48	PASS
Band5	10MHz	16QAM	20600	50RB#0	-20.76	PASS

Test Graphs

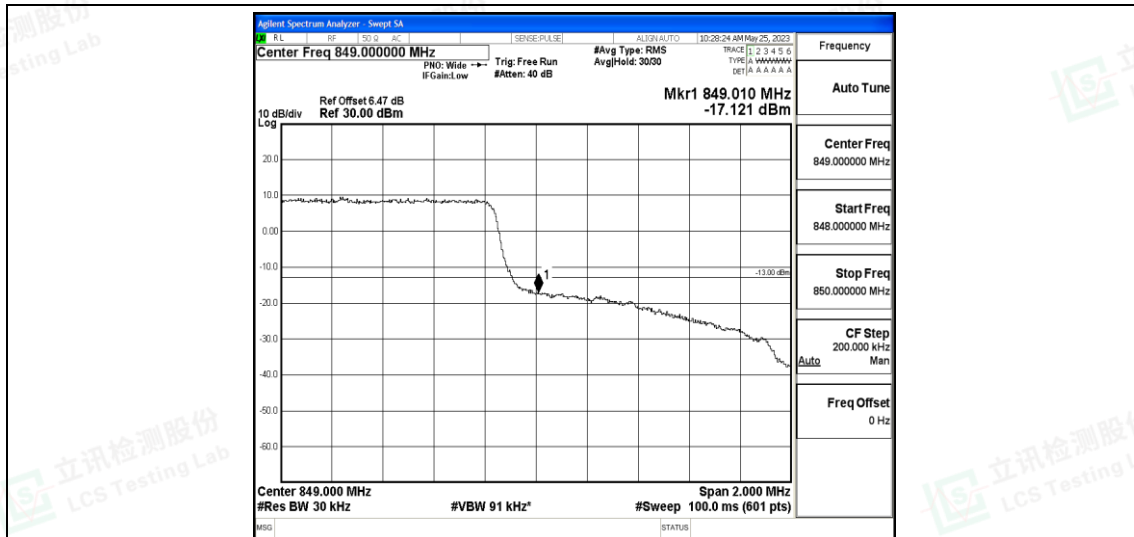


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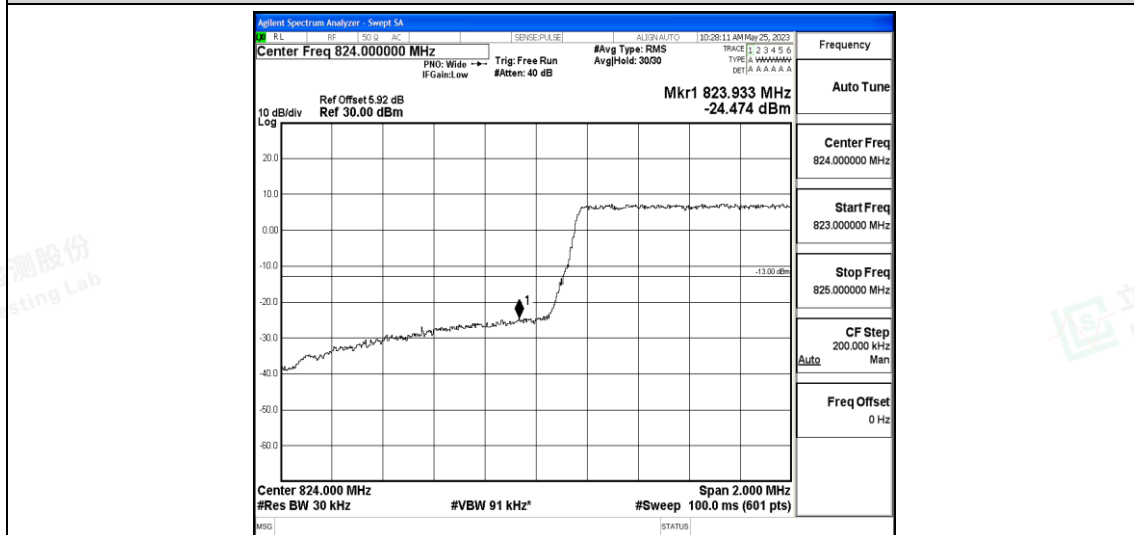
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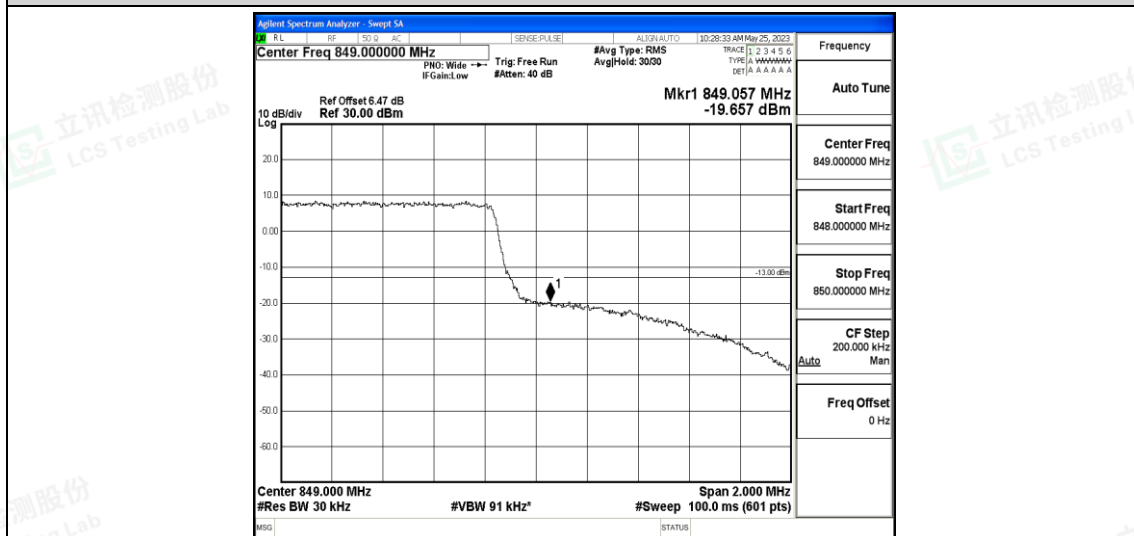
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Band5-1.4MHz-16QAM-20407-6RB#0



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



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

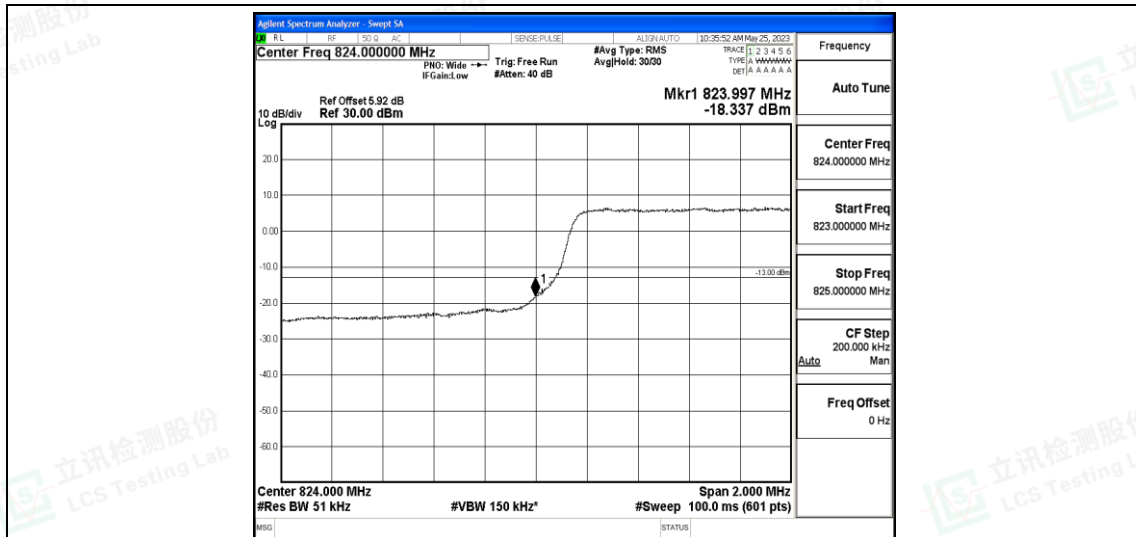


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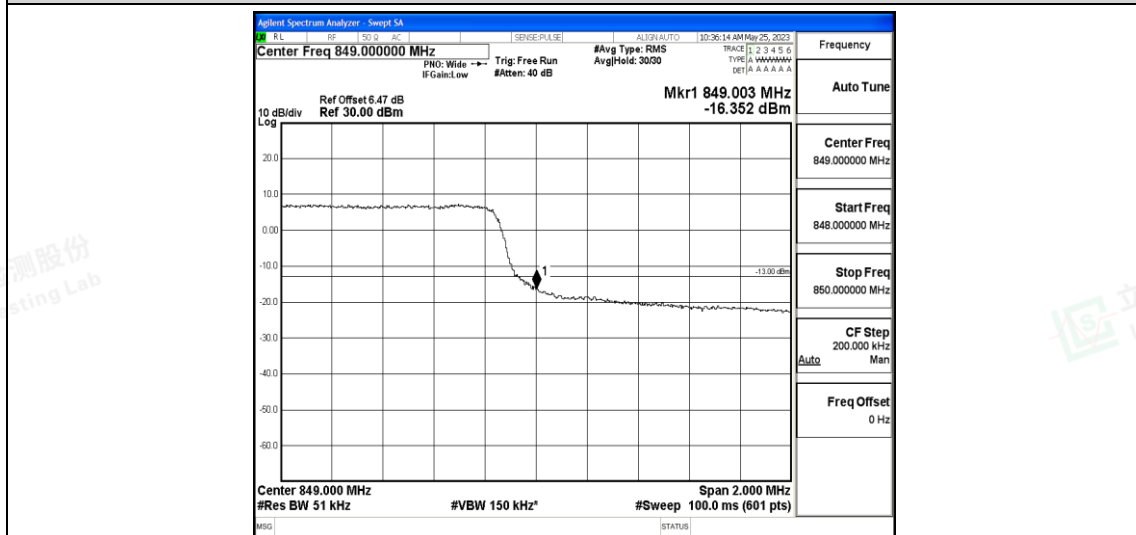
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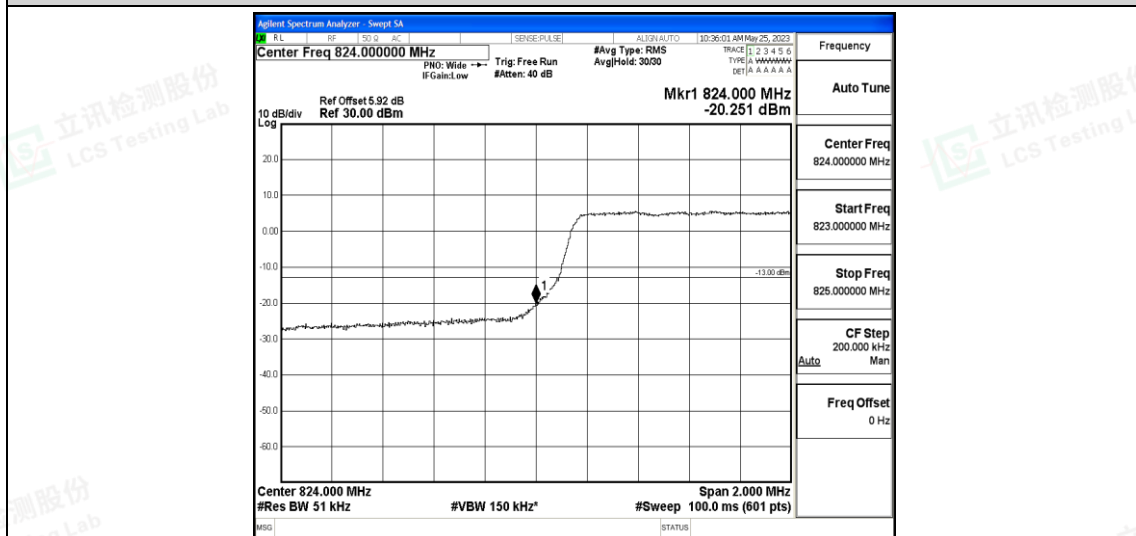
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Band5-3MHz-QPSK-20635-15RB#0



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



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

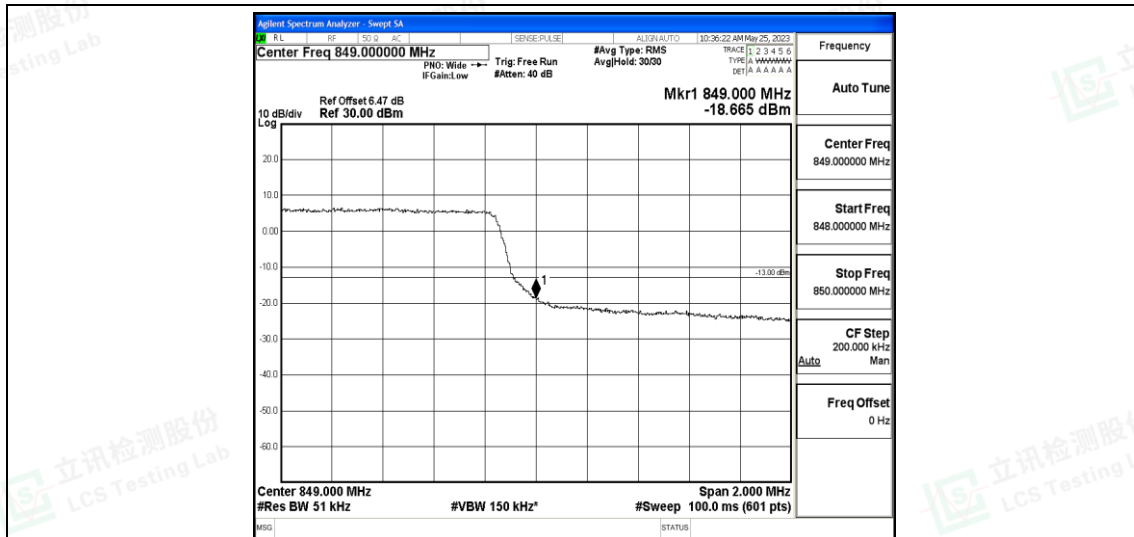


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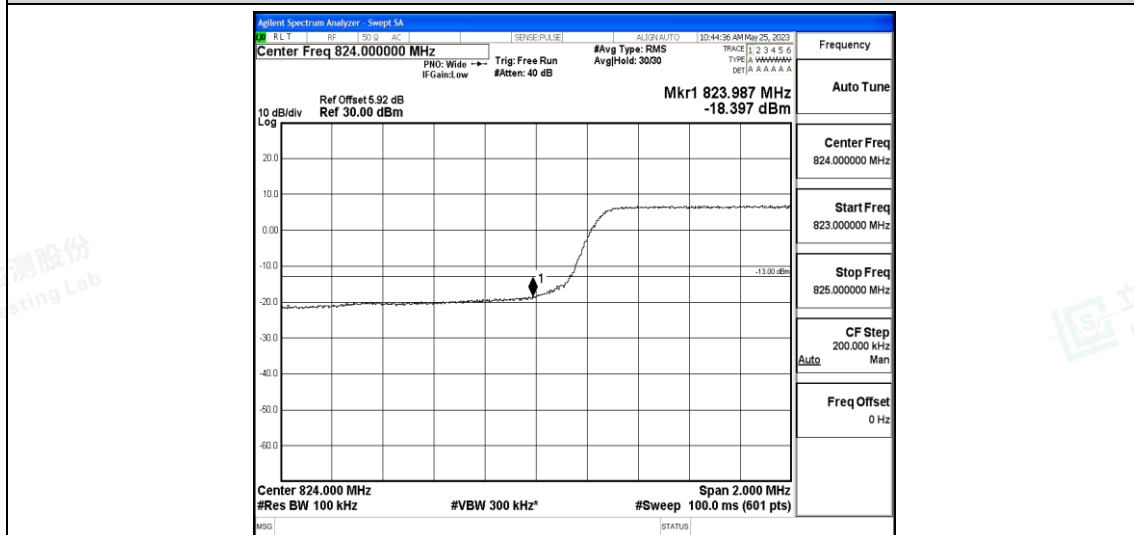
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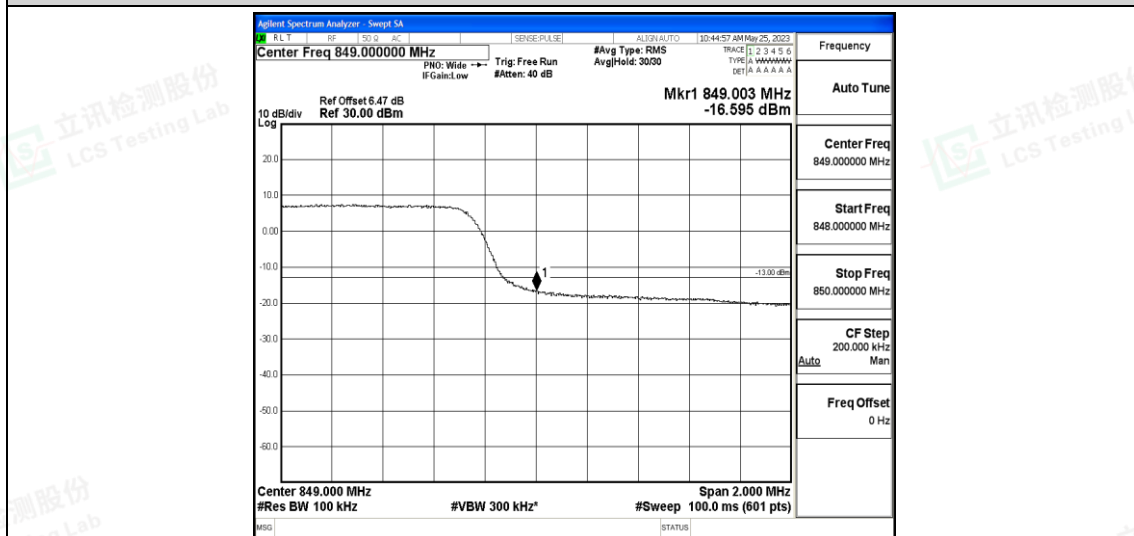
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Band5-5MHz-QPSK-20425-25RB#0



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



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

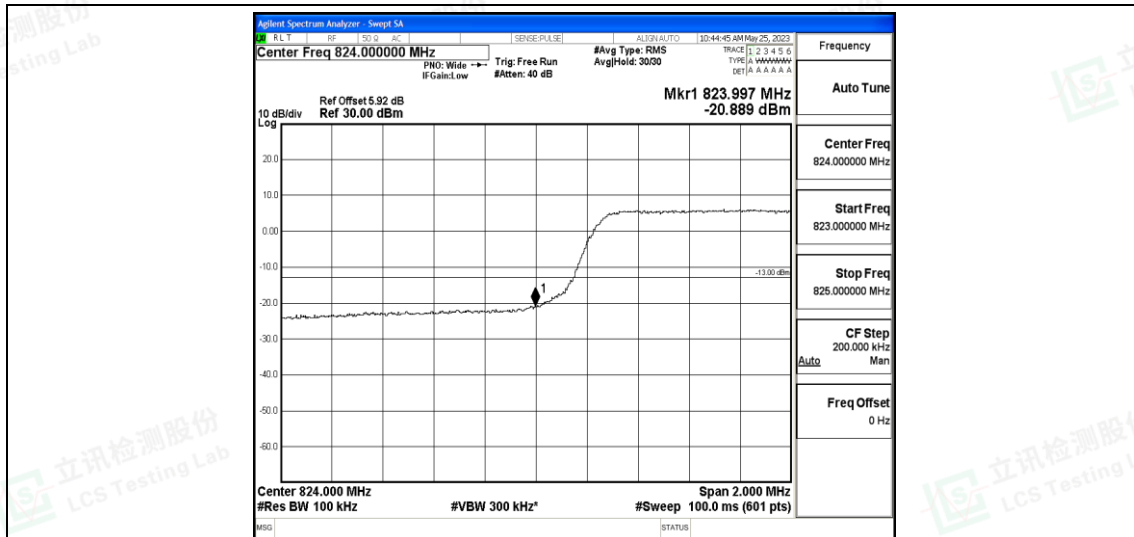


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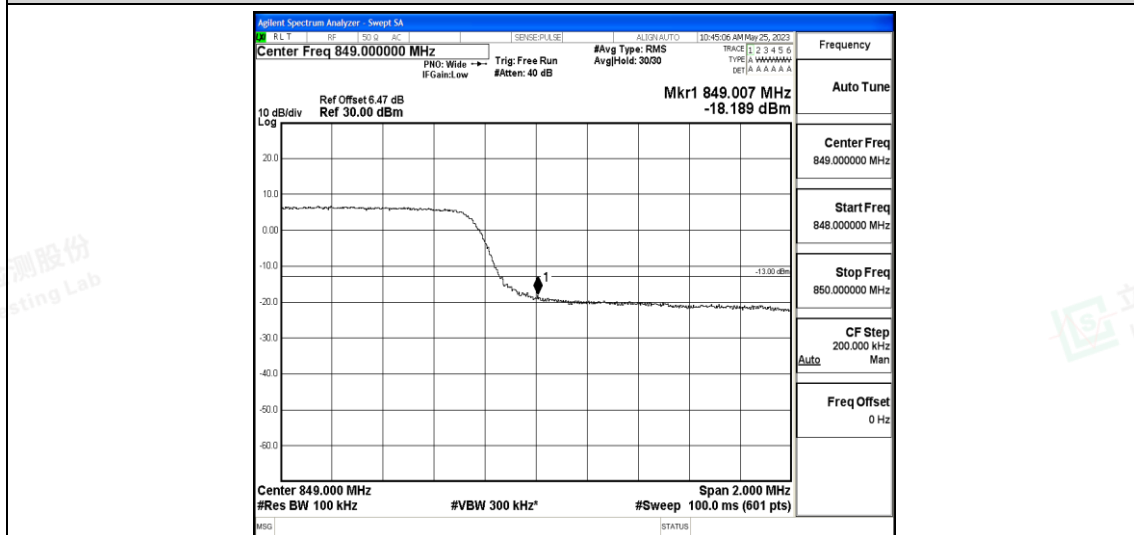
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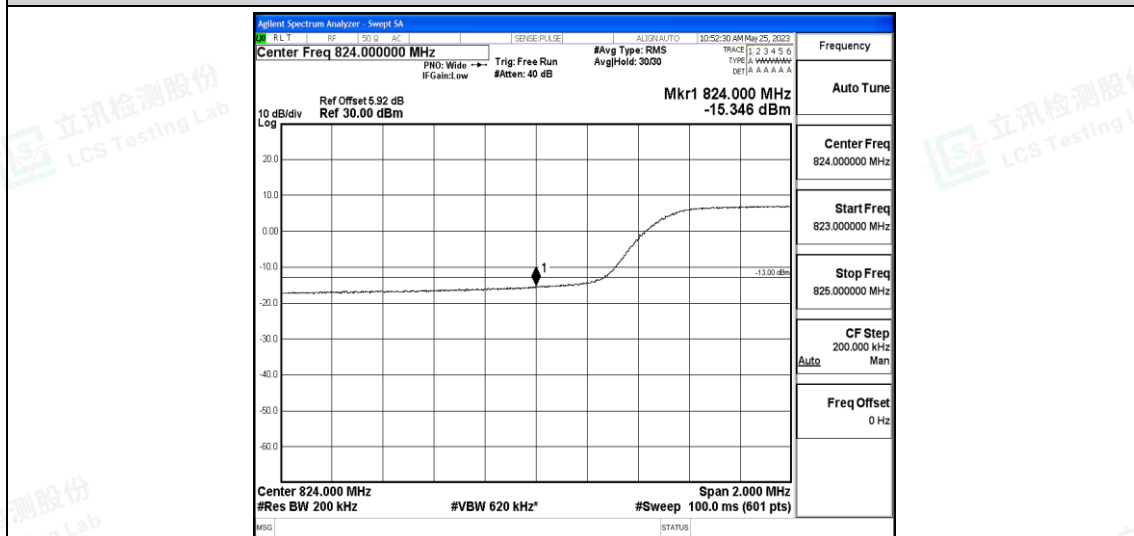
Scan code to check authenticity



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



Band5-10MHz-QPSK-20450-50RB#0



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

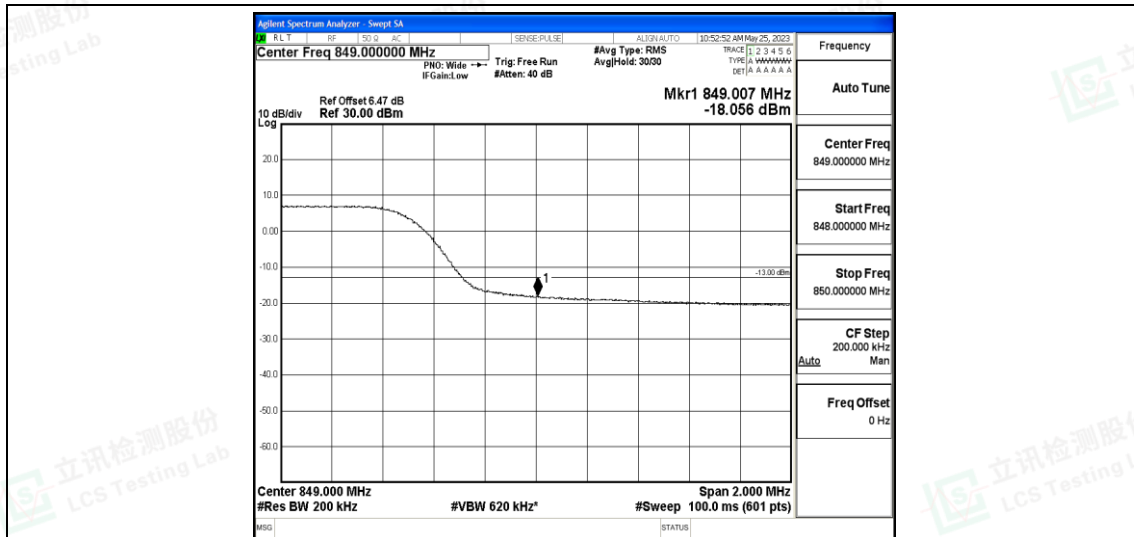


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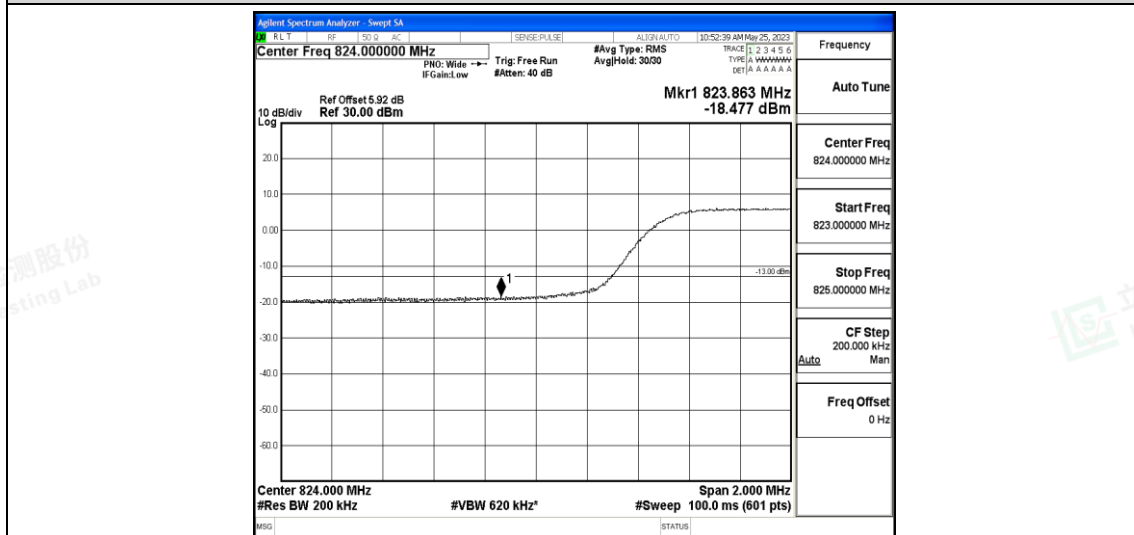
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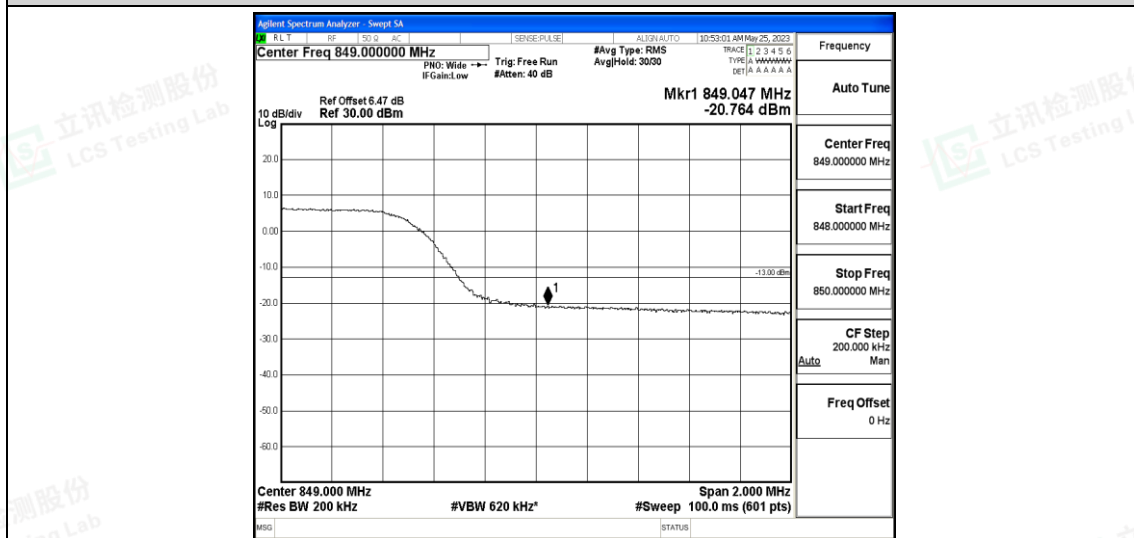
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Band5-10MHz-16QAM-20450-50RB#0



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



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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	Range1:0.009~0.15MHz	-55.49	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	Range2:0.15~30MHz	-51.01	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	Range3:30~1000MHz	-40.85	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	Range4:1000~10000MHz	-44.85	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	Range1:0.009~0.15MHz	-55.74	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	Range2:0.15~30MHz	-50.28	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	Range3:30~1000MHz	-39.69	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	Range4:1000~10000MHz	-44.91	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	Range1:0.009~0.15MHz	-55.1	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	Range2:0.15~30MHz	-50.94	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	Range3:30~1000MHz	-40.91	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	Range4:1000~10000MHz	-44.86	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	Range1:0.009~0.15MHz	-56.1	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	Range2:0.15~30MHz	-51.2	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	Range3:30~1000MHz	-41.4	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	Range4:1000~10000MHz	-44.9	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	Range1:0.009~0.15MHz	-54.93	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	Range2:0.15~30MHz	-51.58	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	Range3:30~1000MHz	-40.52	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	Range4:1000~10000MHz	-44.77	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	Range1:0.009~0.15MHz	-54.77	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	Range2:0.15~30MHz	-50.67	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	Range3:30~1000MHz	-39.91	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	Range4:1000~10000MHz	-44.81	PASS
Band5	3MHz	QPSK	20415	1RB#0	Range1:0.009~0.15MHz	-56.21	PASS
Band5	3MHz	QPSK	20415	1RB#0	Range2:0.15~30MHz	-51.72	PASS
Band5	3MHz	QPSK	20415	1RB#0	Range3:30~1000MHz	-41.21	PASS
Band5	3MHz	QPSK	20415	1RB#0	Range4:1000~10000MHz	-44.79	PASS
Band5	3MHz	QPSK	20525	1RB#0	Range1:0.009~0.15MHz	-55.38	PASS
Band5	3MHz	QPSK	20525	1RB#0	Range2:0.15~30MHz	-52.13	PASS
Band5	3MHz	QPSK	20525	1RB#0	Range3:30~1000MHz	-40.53	PASS
Band5	3MHz	QPSK	20525	1RB#0	Range4:1000~10000MHz	-44.88	PASS
Band5	3MHz	QPSK	20635	1RB#0	Range1:0.009~0.15MHz	-56.08	PASS
Band5	3MHz	QPSK	20635	1RB#0	Range2:0.15~30MHz	-50.92	PASS
Band5	3MHz	QPSK	20635	1RB#0	Range3:30~1000MHz	-40.78	PASS



Shenzhen LCS Compliance Testing Laboratory Ltd.

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

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Scan code to check authenticity



Band5	3MHz	QPSK	20635	1RB#0	Range4:1000~10000MHz	-44.73	PASS
Band5	3MHz	16QAM	20415	1RB#0	Range1:0.009~0.15MHz	-55.24	PASS
Band5	3MHz	16QAM	20415	1RB#0	Range2:0.15~30MHz	-51.27	PASS
Band5	3MHz	16QAM	20415	1RB#0	Range3:30~1000MHz	-40.82	PASS
Band5	3MHz	16QAM	20415	1RB#0	Range4:1000~10000MHz	-44.74	PASS
Band5	3MHz	16QAM	20525	1RB#0	Range1:0.009~0.15MHz	-54.73	PASS
Band5	3MHz	16QAM	20525	1RB#0	Range2:0.15~30MHz	-51.23	PASS
Band5	3MHz	16QAM	20525	1RB#0	Range3:30~1000MHz	-41.05	PASS
Band5	3MHz	16QAM	20525	1RB#0	Range4:1000~10000MHz	-44.85	PASS
Band5	3MHz	16QAM	20635	1RB#0	Range1:0.009~0.15MHz	-54.25	PASS
Band5	3MHz	16QAM	20635	1RB#0	Range2:0.15~30MHz	-50.95	PASS
Band5	3MHz	16QAM	20635	1RB#0	Range3:30~1000MHz	-40.33	PASS
Band5	3MHz	16QAM	20635	1RB#0	Range4:1000~10000MHz	-44.81	PASS
Band5	5MHz	QPSK	20425	1RB#0	Range1:0.009~0.15MHz	-55.53	PASS
Band5	5MHz	QPSK	20425	1RB#0	Range2:0.15~30MHz	-50.09	PASS
Band5	5MHz	QPSK	20425	1RB#0	Range3:30~1000MHz	-41.03	PASS
Band5	5MHz	QPSK	20425	1RB#0	Range4:1000~10000MHz	-44.82	PASS
Band5	5MHz	QPSK	20525	1RB#0	Range1:0.009~0.15MHz	-55.1	PASS
Band5	5MHz	QPSK	20525	1RB#0	Range2:0.15~30MHz	-51.54	PASS
Band5	5MHz	QPSK	20525	1RB#0	Range3:30~1000MHz	-41.08	PASS
Band5	5MHz	QPSK	20525	1RB#0	Range4:1000~10000MHz	-44.73	PASS
Band5	5MHz	QPSK	20625	1RB#0	Range1:0.009~0.15MHz	-54.75	PASS
Band5	5MHz	QPSK	20625	1RB#0	Range2:0.15~30MHz	-51.21	PASS
Band5	5MHz	QPSK	20625	1RB#0	Range3:30~1000MHz	-41.14	PASS
Band5	5MHz	QPSK	20625	1RB#0	Range4:1000~10000MHz	-44.71	PASS
Band5	5MHz	16QAM	20425	1RB#0	Range1:0.009~0.15MHz	-56.05	PASS
Band5	5MHz	16QAM	20425	1RB#0	Range2:0.15~30MHz	-51.6	PASS
Band5	5MHz	16QAM	20425	1RB#0	Range3:30~1000MHz	-39.69	PASS
Band5	5MHz	16QAM	20425	1RB#0	Range4:1000~10000MHz	-44.83	PASS
Band5	5MHz	16QAM	20525	1RB#0	Range1:0.009~0.15MHz	-55.15	PASS
Band5	5MHz	16QAM	20525	1RB#0	Range2:0.15~30MHz	-49.38	PASS
Band5	5MHz	16QAM	20525	1RB#0	Range3:30~1000MHz	-40.35	PASS
Band5	5MHz	16QAM	20525	1RB#0	Range4:1000~10000MHz	-44.85	PASS
Band5	5MHz	16QAM	20625	1RB#0	Range1:0.009~0.15MHz	-55.38	PASS
Band5	5MHz	16QAM	20625	1RB#0	Range2:0.15~30MHz	-51.07	PASS
Band5	5MHz	16QAM	20625	1RB#0	Range3:30~1000MHz	-40.35	PASS
Band5	5MHz	16QAM	20625	1RB#0	Range4:1000~10000MHz	-44.85	PASS
Band5	10MHz	QPSK	20450	1RB#0	Range1:0.009~0.15MHz	-55.49	PASS
Band5	10MHz	QPSK	20450	1RB#0	Range2:0.15~30MHz	-51.8	PASS
Band5	10MHz	QPSK	20450	1RB#0	Range3:30~1000MHz	-40.7	PASS



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Scan code to check authenticity



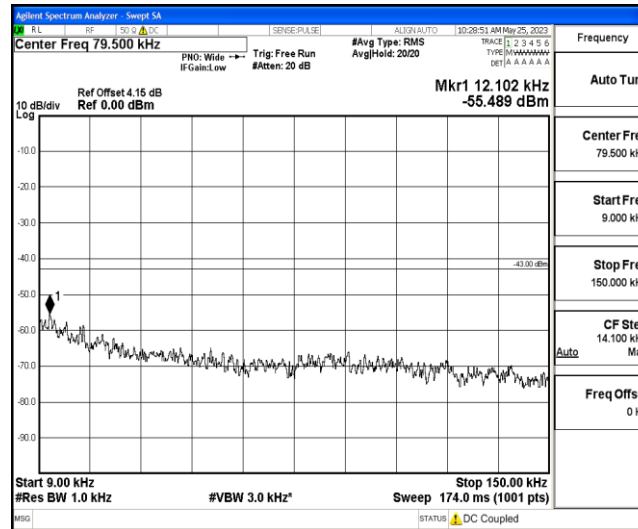
Band5	10MHz	QPSK	20450	1RB#0	Range4:1000~10000MHz	-44.85	PASS
Band5	10MHz	QPSK	20525	1RB#0	Range1:0.009~0.15MHz	-53.12	PASS
Band5	10MHz	QPSK	20525	1RB#0	Range2:0.15~30MHz	-51.44	PASS
Band5	10MHz	QPSK	20525	1RB#0	Range3:30~1000MHz	-41.16	PASS
Band5	10MHz	QPSK	20525	1RB#0	Range4:1000~10000MHz	-44.76	PASS
Band5	10MHz	QPSK	20600	1RB#0	Range1:0.009~0.15MHz	-55.74	PASS
Band5	10MHz	QPSK	20600	1RB#0	Range2:0.15~30MHz	-50.79	PASS
Band5	10MHz	QPSK	20600	1RB#0	Range3:30~1000MHz	-40.38	PASS
Band5	10MHz	QPSK	20600	1RB#0	Range4:1000~10000MHz	-44.76	PASS
Band5	10MHz	16QAM	20450	1RB#0	Range1:0.009~0.15MHz	-55.2	PASS
Band5	10MHz	16QAM	20450	1RB#0	Range2:0.15~30MHz	-51.53	PASS
Band5	10MHz	16QAM	20450	1RB#0	Range3:30~1000MHz	-40.84	PASS
Band5	10MHz	16QAM	20450	1RB#0	Range4:1000~10000MHz	-44.86	PASS
Band5	10MHz	16QAM	20525	1RB#0	Range1:0.009~0.15MHz	-55.42	PASS
Band5	10MHz	16QAM	20525	1RB#0	Range2:0.15~30MHz	-48.8	PASS
Band5	10MHz	16QAM	20525	1RB#0	Range3:30~1000MHz	-40.64	PASS
Band5	10MHz	16QAM	20525	1RB#0	Range4:1000~10000MHz	-44.88	PASS
Band5	10MHz	16QAM	20600	1RB#0	Range1:0.009~0.15MHz	-55.09	PASS
Band5	10MHz	16QAM	20600	1RB#0	Range2:0.15~30MHz	-51.85	PASS
Band5	10MHz	16QAM	20600	1RB#0	Range3:30~1000MHz	-40.58	PASS
Band5	10MHz	16QAM	20600	1RB#0	Range4:1000~10000MHz	-44.88	PASS



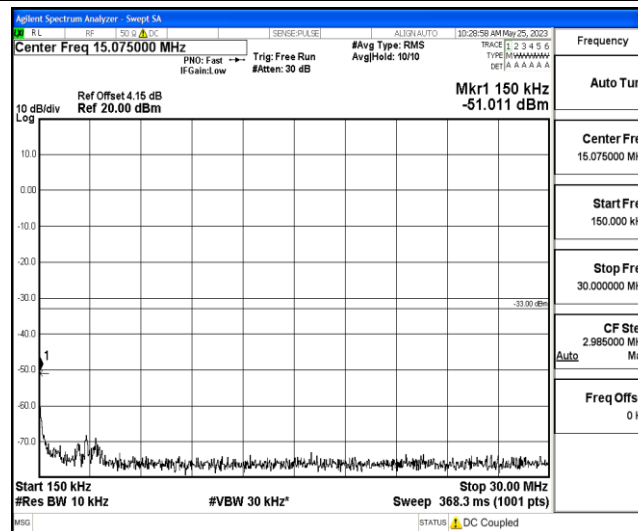


Test Graphs

Band5-1.4MHz-QPSK-20407-1RB#0-Range1:0.009~0.15MHz



Band5-1.4MHz-QPSK-20407-1RB#0-Range2:0.15~30MHz



Band5-1.4MHz-QPSK-20407-1RB#0-Range3:30~1000MHz

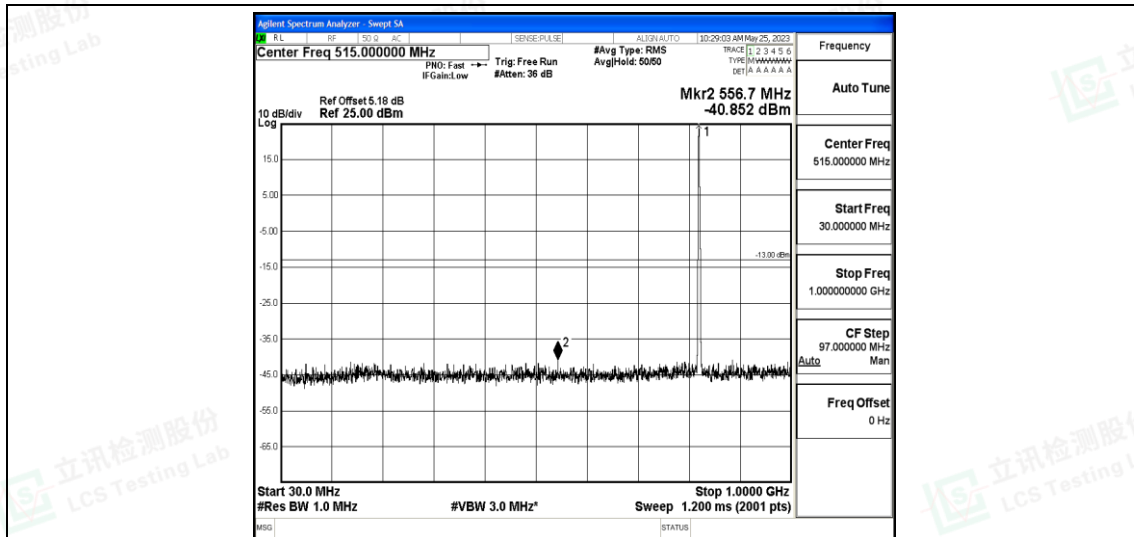


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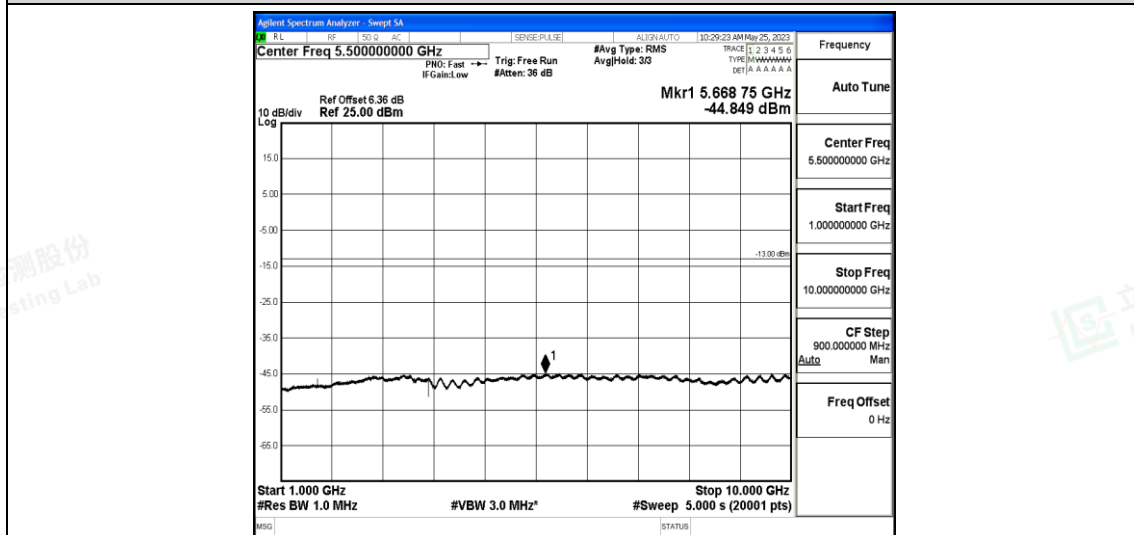
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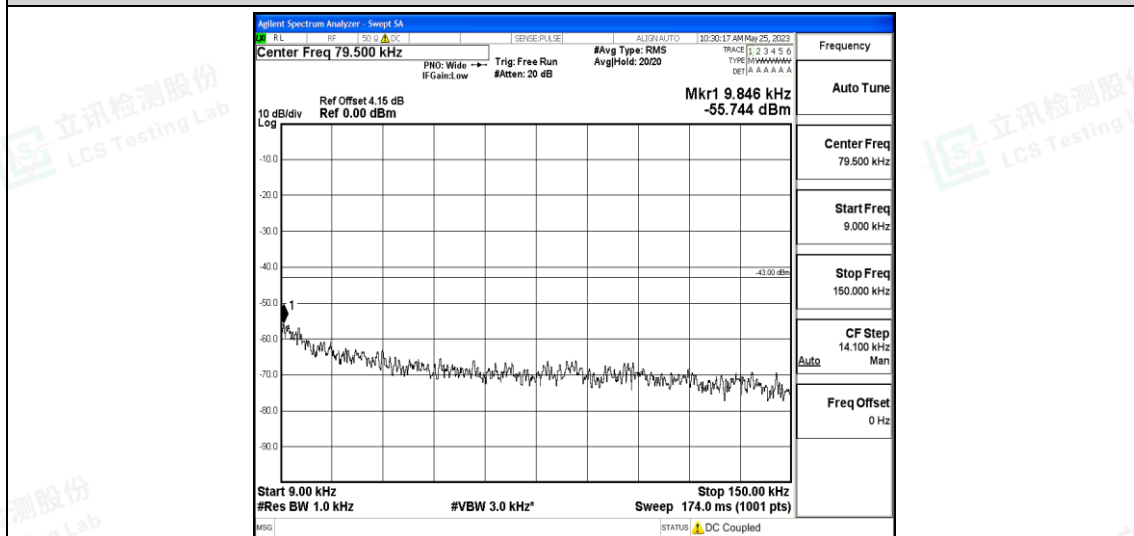
Scan code to check authenticity



Band5-1.4MHz-QPSK-20407-1RB#0-Range4:1000~10000MHz

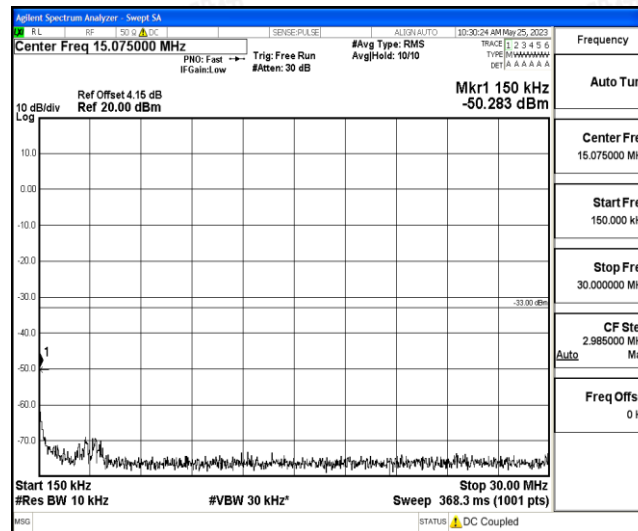


Band5-1.4MHz-QPSK-20525-1RB#0-Range1:0.009~0.15MHz

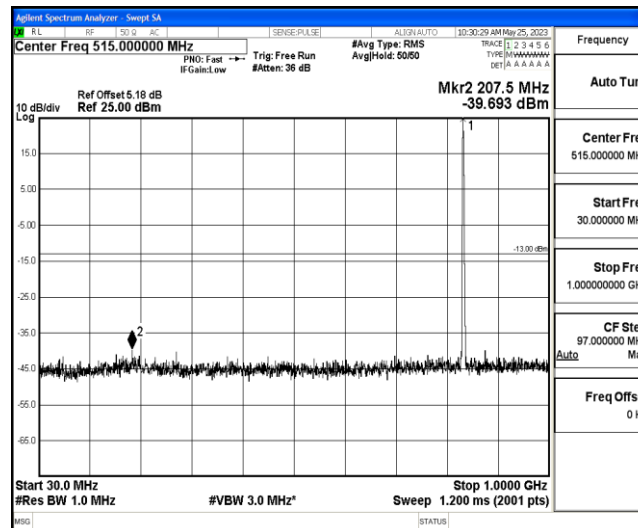


Band5-1.4MHz-QPSK-20525-1RB#0-Range2:0.15~30MHz

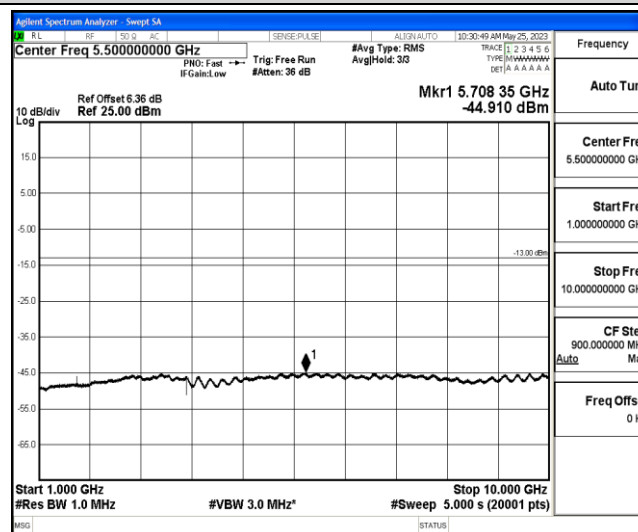




Band5-1.4MHz-QPSK-20525-1RB#0-Range3:30~1000MHz



Band5-1.4MHz-QPSK-20525-1RB#0-Range4:1000~10000MHz



Band5-1.4MHz-QPSK-20643-1RB#0-Range1:0.009~0.15MHz



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