



Appendix F: Test Data for E-UTRA Band 5

Product Name: Smart phone

Test Model: DL4s

Environmental Conditions

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



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F.1 Conducted Output Power Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	22.26	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	22.41	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	22.26	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	22.31	PASS
Band5	1.4MHz	QPSK	20407	3RB#1	22.28	PASS
Band5	1.4MHz	QPSK	20407	3RB#3	22.32	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	21.31	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	22.36	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	22.51	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	22.32	PASS
Band5	1.4MHz	QPSK	20525	3RB#0	22.44	PASS
Band5	1.4MHz	QPSK	20525	3RB#1	22.42	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	22.44	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	21.41	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	22.18	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	22.27	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	22.10	PASS
Band5	1.4MHz	QPSK	20643	3RB#0	22.22	PASS
Band5	1.4MHz	QPSK	20643	3RB#1	22.22	PASS
Band5	1.4MHz	QPSK	20643	3RB#3	22.28	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	21.22	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	21.30	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	21.49	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	21.35	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	21.18	PASS
Band5	1.4MHz	16QAM	20407	3RB#1	21.20	PASS
Band5	1.4MHz	16QAM	20407	3RB#3	21.16	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	20.31	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	21.49	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	21.70	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	21.49	PASS



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Band5	1.4MHz	16QAM	20525	3RB#0	21.36	PASS
Band5	1.4MHz	16QAM	20525	3RB#1	21.35	PASS
Band5	1.4MHz	16QAM	20525	3RB#3	21.37	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	20.28	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	21.04	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	21.19	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	21.03	PASS
Band5	1.4MHz	16QAM	20643	3RB#0	21.07	PASS
Band5	1.4MHz	16QAM	20643	3RB#1	21.06	PASS
Band5	1.4MHz	16QAM	20643	3RB#3	21.04	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	20.21	PASS
Band5	3MHz	QPSK	20415	1RB#0	22.30	PASS
Band5	3MHz	QPSK	20415	1RB#8	22.29	PASS
Band5	3MHz	QPSK	20415	1RB#14	22.29	PASS
Band5	3MHz	QPSK	20415	8RB#0	21.35	PASS
Band5	3MHz	QPSK	20415	8RB#4	21.36	PASS
Band5	3MHz	QPSK	20415	8RB#7	21.31	PASS
Band5	3MHz	QPSK	20415	15RB#0	21.28	PASS
Band5	3MHz	QPSK	20525	1RB#0	22.46	PASS
Band5	3MHz	QPSK	20525	1RB#8	22.50	PASS
Band5	3MHz	QPSK	20525	1RB#14	22.45	PASS
Band5	3MHz	QPSK	20525	8RB#0	21.44	PASS
Band5	3MHz	QPSK	20525	8RB#4	21.49	PASS
Band5	3MHz	QPSK	20525	8RB#7	21.41	PASS
Band5	3MHz	QPSK	20525	15RB#0	21.40	PASS
Band5	3MHz	QPSK	20635	1RB#0	22.37	PASS
Band5	3MHz	QPSK	20635	1RB#8	22.23	PASS
Band5	3MHz	QPSK	20635	1RB#14	22.21	PASS
Band5	3MHz	QPSK	20635	8RB#0	21.35	PASS
Band5	3MHz	QPSK	20635	8RB#4	21.35	PASS
Band5	3MHz	QPSK	20635	8RB#7	21.24	PASS
Band5	3MHz	QPSK	20635	15RB#0	21.27	PASS
Band5	3MHz	16QAM	20415	1RB#0	21.47	PASS
Band5	3MHz	16QAM	20415	1RB#8	21.47	PASS
Band5	3MHz	16QAM	20415	1RB#14	21.42	PASS



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Band5	3MHz	16QAM	20415	8RB#0	20.32	PASS
Band5	3MHz	16QAM	20415	8RB#4	20.38	PASS
Band5	3MHz	16QAM	20415	8RB#7	20.33	PASS
Band5	3MHz	16QAM	20415	15RB#0	20.27	PASS
Band5	3MHz	16QAM	20525	1RB#0	21.61	PASS
Band5	3MHz	16QAM	20525	1RB#8	21.57	PASS
Band5	3MHz	16QAM	20525	1RB#14	21.58	PASS
Band5	3MHz	16QAM	20525	8RB#0	20.38	PASS
Band5	3MHz	16QAM	20525	8RB#4	20.41	PASS
Band5	3MHz	16QAM	20525	8RB#7	20.40	PASS
Band5	3MHz	16QAM	20525	15RB#0	20.32	PASS
Band5	3MHz	16QAM	20635	1RB#0	21.24	PASS
Band5	3MHz	16QAM	20635	1RB#8	21.14	PASS
Band5	3MHz	16QAM	20635	1RB#14	21.10	PASS
Band5	3MHz	16QAM	20635	8RB#0	20.28	PASS
Band5	3MHz	16QAM	20635	8RB#4	20.28	PASS
Band5	3MHz	16QAM	20635	8RB#7	20.22	PASS
Band5	3MHz	16QAM	20635	15RB#0	20.14	PASS
Band5	5MHz	QPSK	20425	1RB#0	22.23	PASS
Band5	5MHz	QPSK	20425	1RB#12	22.36	PASS
Band5	5MHz	QPSK	20425	1RB#24	22.28	PASS
Band5	5MHz	QPSK	20425	12RB#0	21.29	PASS
Band5	5MHz	QPSK	20425	12RB#6	21.28	PASS
Band5	5MHz	QPSK	20425	12RB#13	21.37	PASS
Band5	5MHz	QPSK	20425	25RB#0	21.31	PASS
Band5	5MHz	QPSK	20525	1RB#0	22.38	PASS
Band5	5MHz	QPSK	20525	1RB#12	22.54	PASS
Band5	5MHz	QPSK	20525	1RB#24	22.38	PASS
Band5	5MHz	QPSK	20525	12RB#0	21.37	PASS
Band5	5MHz	QPSK	20525	12RB#6	21.40	PASS
Band5	5MHz	QPSK	20525	12RB#13	21.37	PASS
Band5	5MHz	QPSK	20525	25RB#0	21.45	PASS
Band5	5MHz	QPSK	20625	1RB#0	22.36	PASS
Band5	5MHz	QPSK	20625	1RB#12	22.43	PASS
Band5	5MHz	QPSK	20625	1RB#24	22.17	PASS



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Band5	5MHz	QPSK	20625	12RB#0	21.24	PASS
Band5	5MHz	QPSK	20625	12RB#6	21.27	PASS
Band5	5MHz	QPSK	20625	12RB#13	21.18	PASS
Band5	5MHz	QPSK	20625	25RB#0	21.29	PASS
Band5	5MHz	16QAM	20425	1RB#0	21.26	PASS
Band5	5MHz	16QAM	20425	1RB#12	21.32	PASS
Band5	5MHz	16QAM	20425	1RB#24	21.23	PASS
Band5	5MHz	16QAM	20425	12RB#0	20.29	PASS
Band5	5MHz	16QAM	20425	12RB#6	20.28	PASS
Band5	5MHz	16QAM	20425	12RB#13	20.34	PASS
Band5	5MHz	16QAM	20425	25RB#0	20.32	PASS
Band5	5MHz	16QAM	20525	1RB#0	21.57	PASS
Band5	5MHz	16QAM	20525	1RB#12	21.65	PASS
Band5	5MHz	16QAM	20525	1RB#24	21.54	PASS
Band5	5MHz	16QAM	20525	12RB#0	20.46	PASS
Band5	5MHz	16QAM	20525	12RB#6	20.47	PASS
Band5	5MHz	16QAM	20525	12RB#13	20.37	PASS
Band5	5MHz	16QAM	20525	25RB#0	20.39	PASS
Band5	5MHz	16QAM	20625	1RB#0	21.30	PASS
Band5	5MHz	16QAM	20625	1RB#12	21.31	PASS
Band5	5MHz	16QAM	20625	1RB#24	21.18	PASS
Band5	5MHz	16QAM	20625	12RB#0	20.28	PASS
Band5	5MHz	16QAM	20625	12RB#6	20.27	PASS
Band5	5MHz	16QAM	20625	12RB#13	20.22	PASS
Band5	5MHz	16QAM	20625	25RB#0	20.26	PASS
Band5	10MHz	QPSK	20450	1RB#0	22.25	PASS
Band5	10MHz	QPSK	20450	1RB#24	22.43	PASS
Band5	10MHz	QPSK	20450	1RB#49	22.40	PASS
Band5	10MHz	QPSK	20450	25RB#0	21.31	PASS
Band5	10MHz	QPSK	20450	25RB#12	21.34	PASS
Band5	10MHz	QPSK	20450	25RB#25	21.50	PASS
Band5	10MHz	QPSK	20450	50RB#0	21.38	PASS
Band5	10MHz	QPSK	20525	1RB#0	22.38	PASS
Band5	10MHz	QPSK	20525	1RB#24	22.54	PASS
Band5	10MHz	QPSK	20525	1RB#49	22.40	PASS



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Band5	10MHz	QPSK	20525	25RB#0	21.51	PASS
Band5	10MHz	QPSK	20525	25RB#12	21.52	PASS
Band5	10MHz	QPSK	20525	25RB#25	21.44	PASS
Band5	10MHz	QPSK	20525	50RB#0	21.46	PASS
Band5	10MHz	QPSK	20600	1RB#0	22.43	PASS
Band5	10MHz	QPSK	20600	1RB#24	22.45	PASS
Band5	10MHz	QPSK	20600	1RB#49	22.16	PASS
Band5	10MHz	QPSK	20600	25RB#0	21.40	PASS
Band5	10MHz	QPSK	20600	25RB#12	21.39	PASS
Band5	10MHz	QPSK	20600	25RB#25	21.28	PASS
Band5	10MHz	QPSK	20600	50RB#0	21.36	PASS
Band5	10MHz	16QAM	20450	1RB#0	21.41	PASS
Band5	10MHz	16QAM	20450	1RB#24	21.51	PASS
Band5	10MHz	16QAM	20450	1RB#49	21.54	PASS
Band5	10MHz	16QAM	20450	25RB#0	20.32	PASS
Band5	10MHz	16QAM	20450	25RB#12	20.29	PASS
Band5	10MHz	16QAM	20450	25RB#25	20.46	PASS
Band5	10MHz	16QAM	20450	50RB#0	20.37	PASS
Band5	10MHz	16QAM	20525	1RB#0	21.50	PASS
Band5	10MHz	16QAM	20525	1RB#24	21.63	PASS
Band5	10MHz	16QAM	20525	1RB#49	21.54	PASS
Band5	10MHz	16QAM	20525	25RB#0	20.54	PASS
Band5	10MHz	16QAM	20525	25RB#12	20.52	PASS
Band5	10MHz	16QAM	20525	25RB#25	20.42	PASS
Band5	10MHz	16QAM	20525	50RB#0	20.47	PASS
Band5	10MHz	16QAM	20600	1RB#0	21.28	PASS
Band5	10MHz	16QAM	20600	1RB#24	21.31	PASS
Band5	10MHz	16QAM	20600	1RB#49	21.09	PASS
Band5	10MHz	16QAM	20600	25RB#0	20.47	PASS
Band5	10MHz	16QAM	20600	25RB#12	20.43	PASS
Band5	10MHz	16QAM	20600	25RB#25	20.34	PASS
Band5	10MHz	16QAM	20600	50RB#0	20.38	PASS



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F.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	4.80	13	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	5.07	13	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	4.15	13	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	5.67	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	5.94	13	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	5.02	13	PASS
Band5	3MHz	QPSK	20415	15RB#0	4.78	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	5.27	13	PASS
Band5	3MHz	QPSK	20635	15RB#0	4.19	13	PASS
Band5	3MHz	16QAM	20415	15RB#0	5.67	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	6.10	13	PASS
Band5	3MHz	16QAM	20635	15RB#0	5.06	13	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.73	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	5.36	13	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.28	13	PASS
Band5	5MHz	16QAM	20425	25RB#0	5.56	13	PASS
Band5	5MHz	16QAM	20525	25RB#0	6.05	13	PASS
Band5	5MHz	16QAM	20625	25RB#0	5.17	13	PASS
Band5	10MHz	QPSK	20450	50RB#0	4.83	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.20	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	4.87	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	5.60	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	5.99	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	5.69	13	PASS



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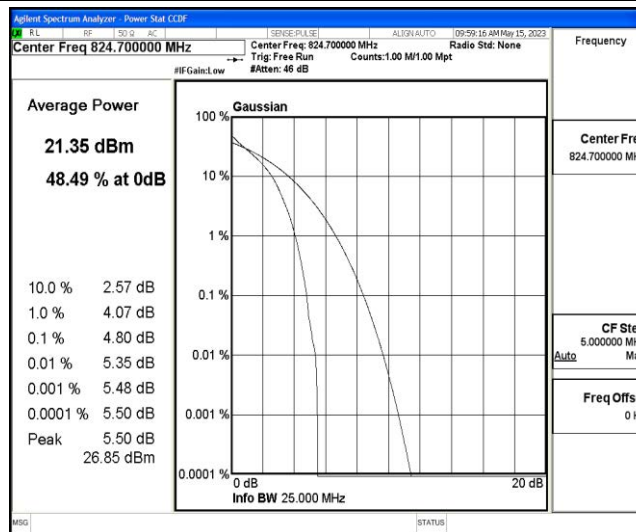
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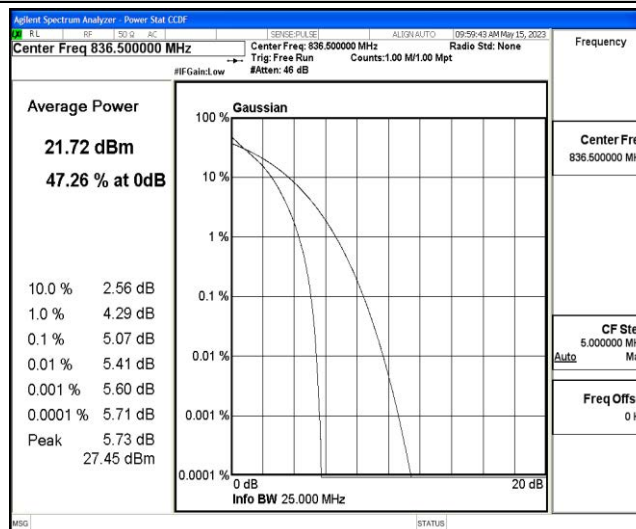


Test Graphs

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

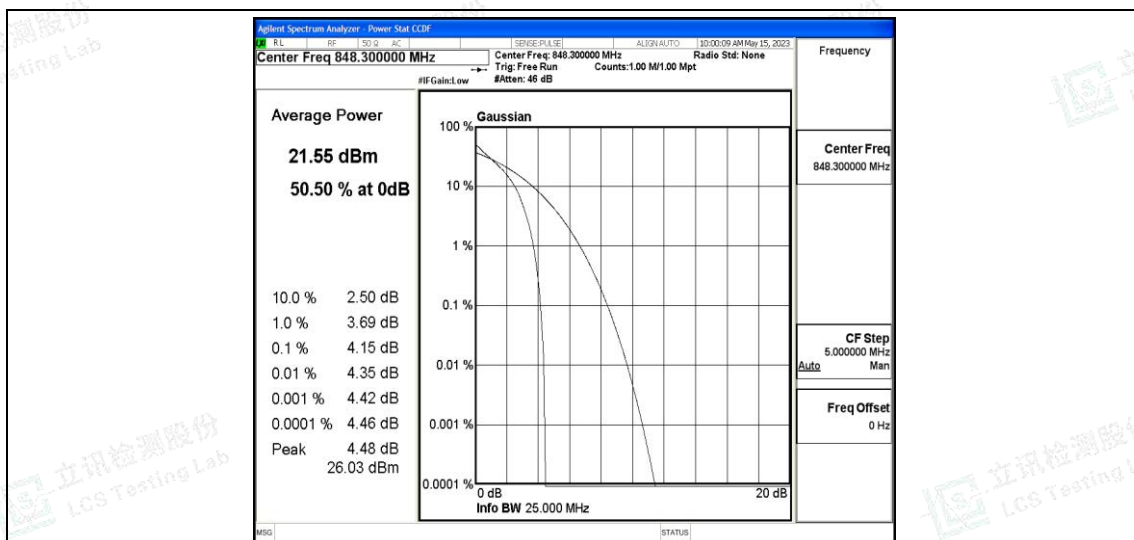


Band5-1.4MHz-QPSK-20525-6RB#0

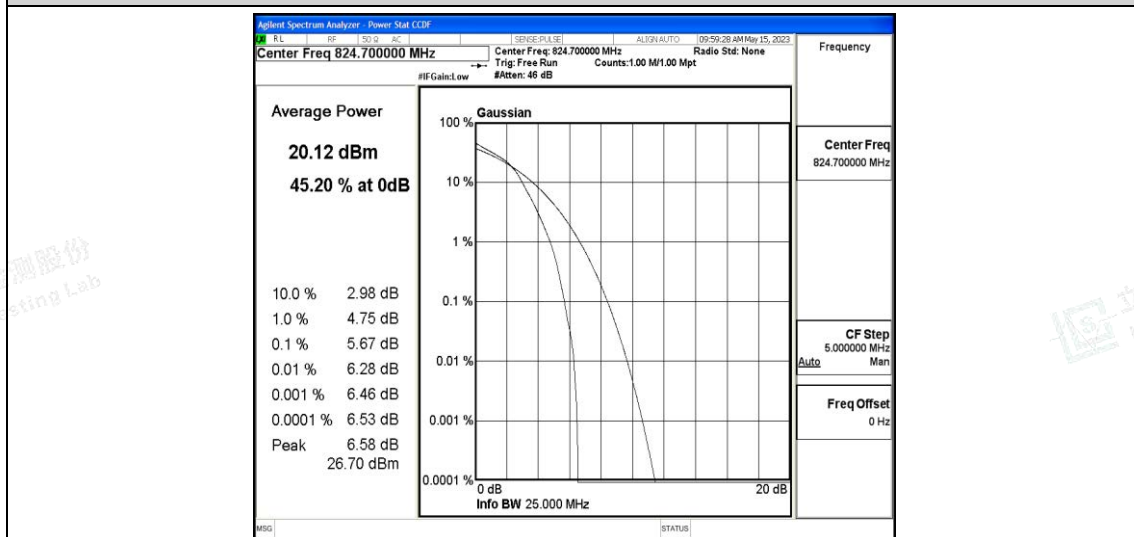


Band5-1.4MHz-QPSK-20643-6RB#0

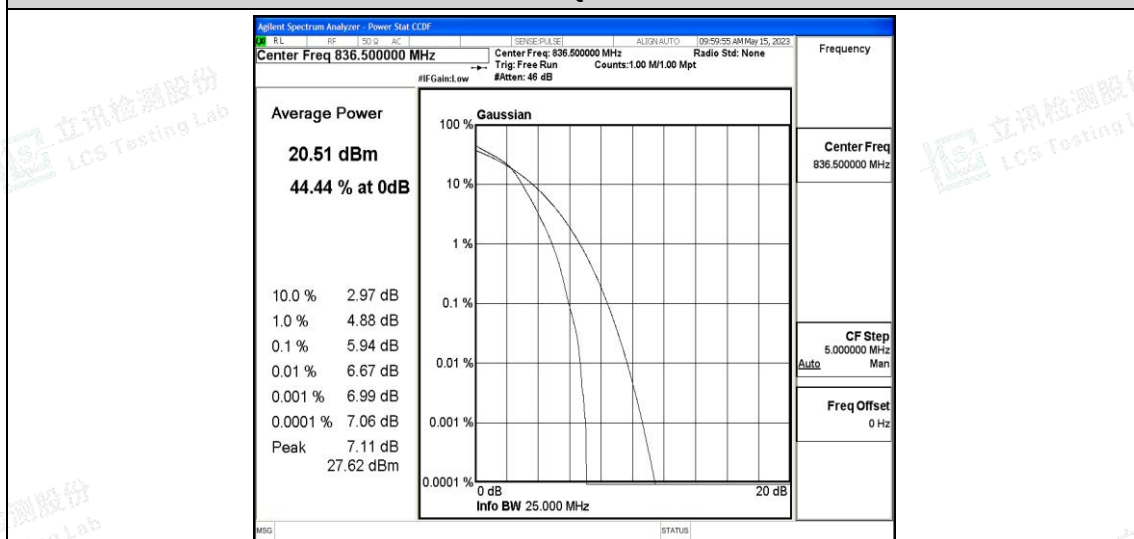




Band5-1.4MHz-16QAM-20407-6RB#0

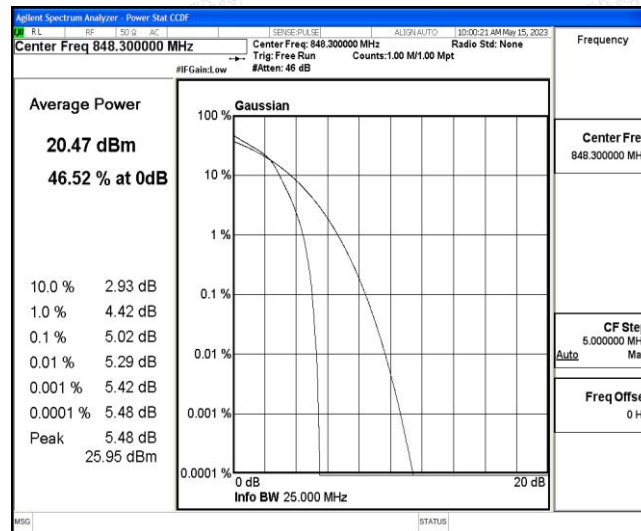


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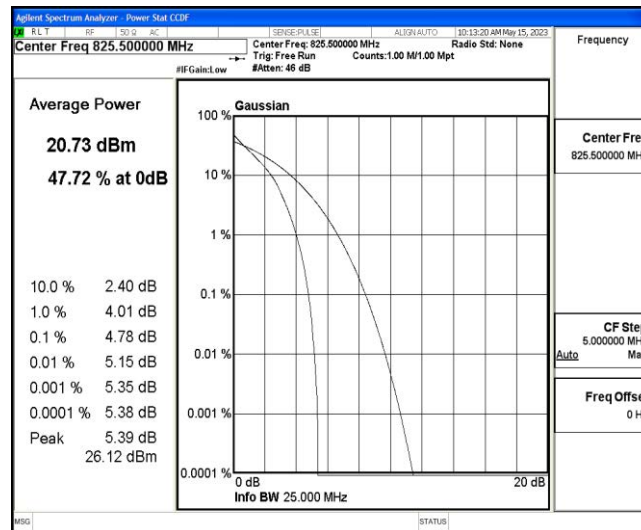


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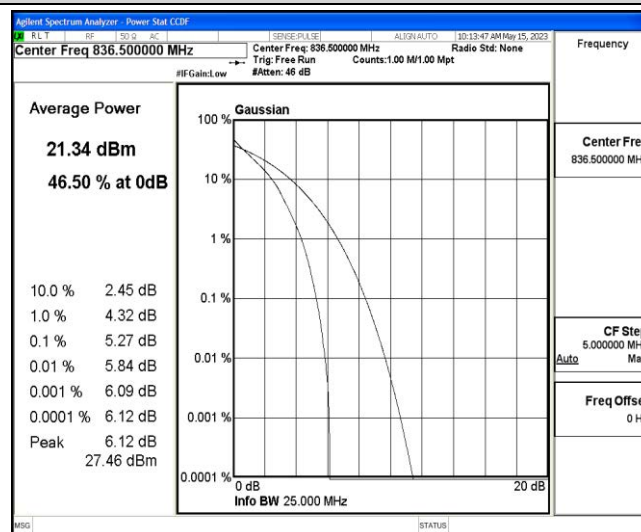




Band5-3MHz-QPSK-20415-15RB#0



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



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

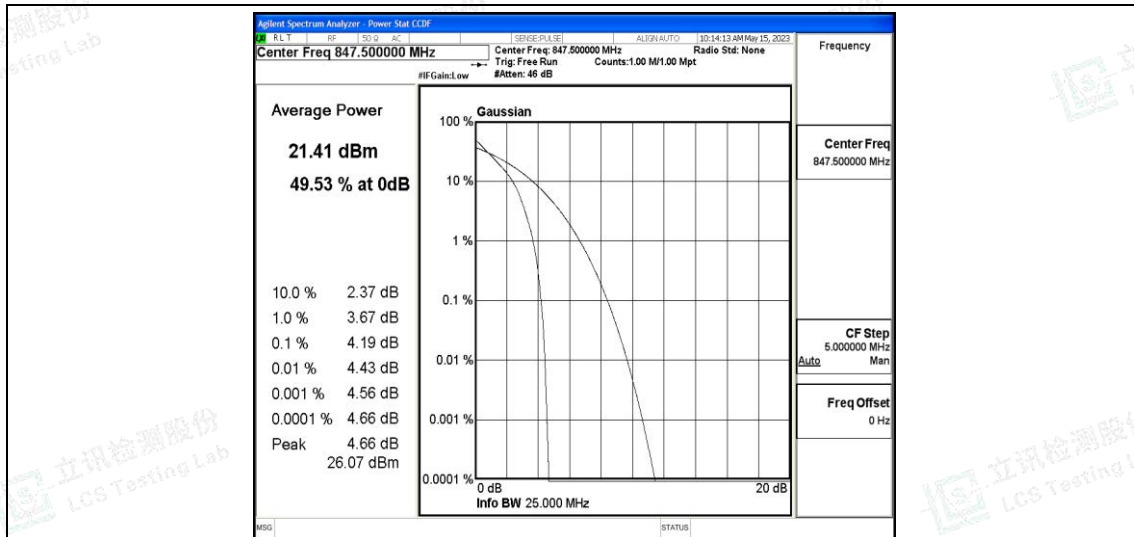


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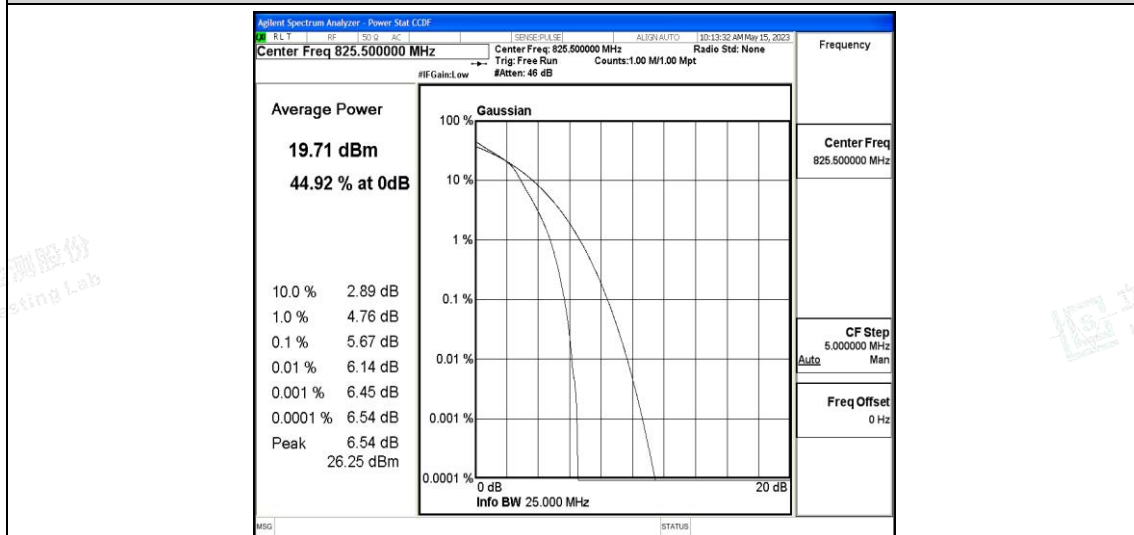
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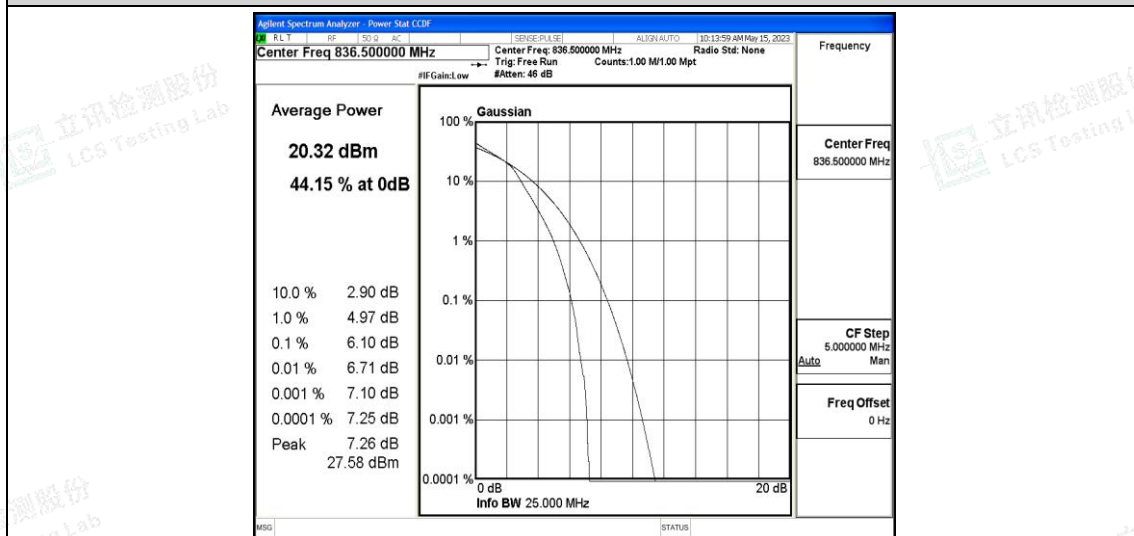
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Band5-3MHz-16QAM-20415-15RB#0

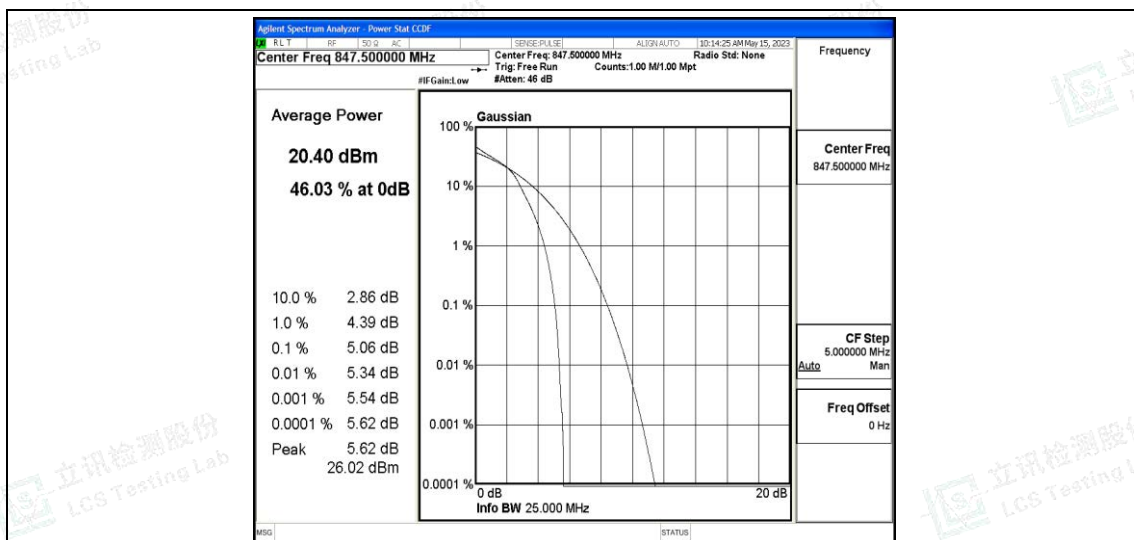


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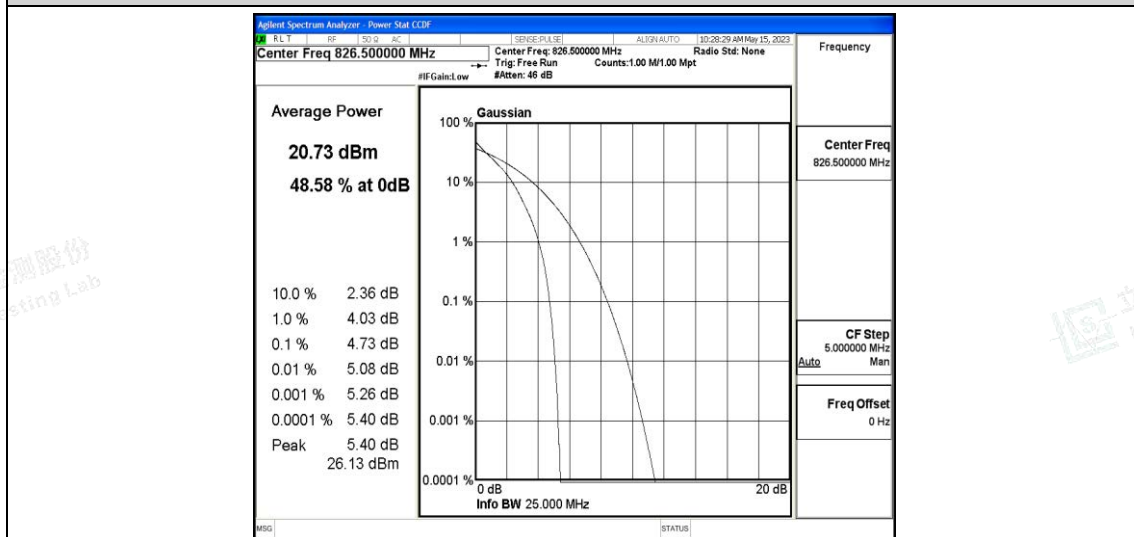


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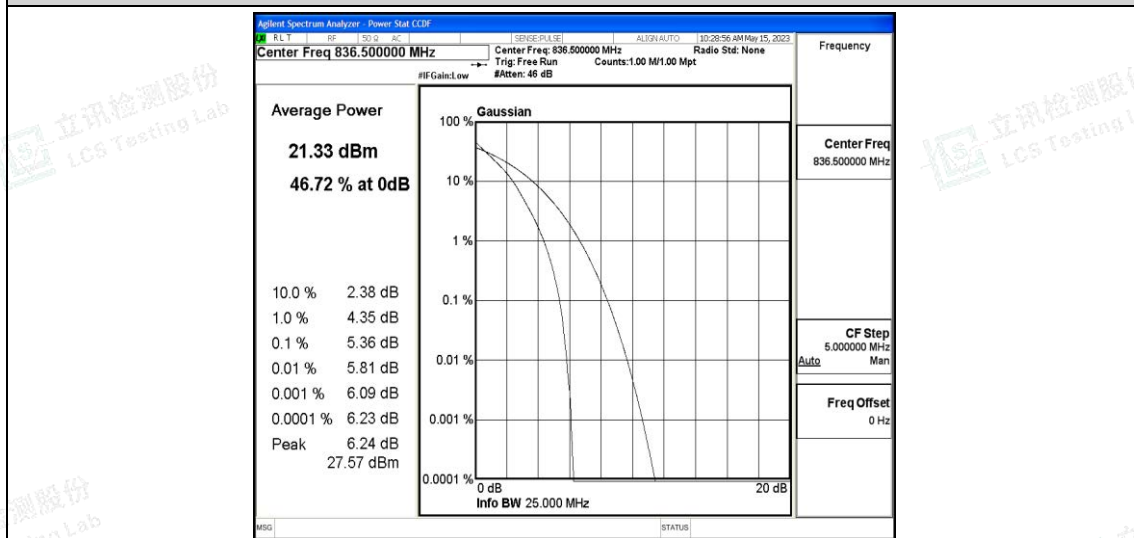




Band5-5MHz-QPSK-20425-25RB#0



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



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

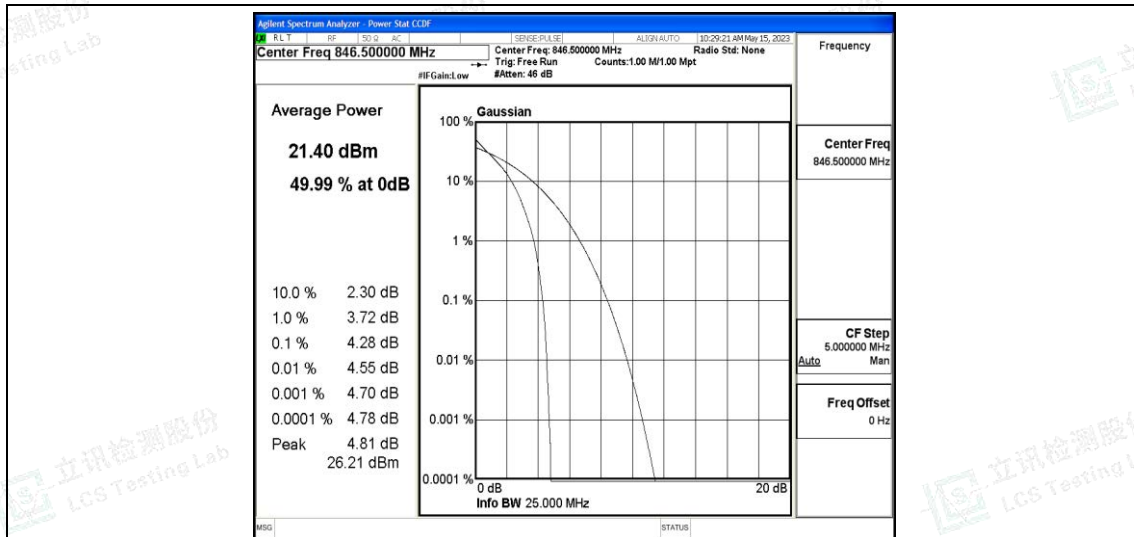


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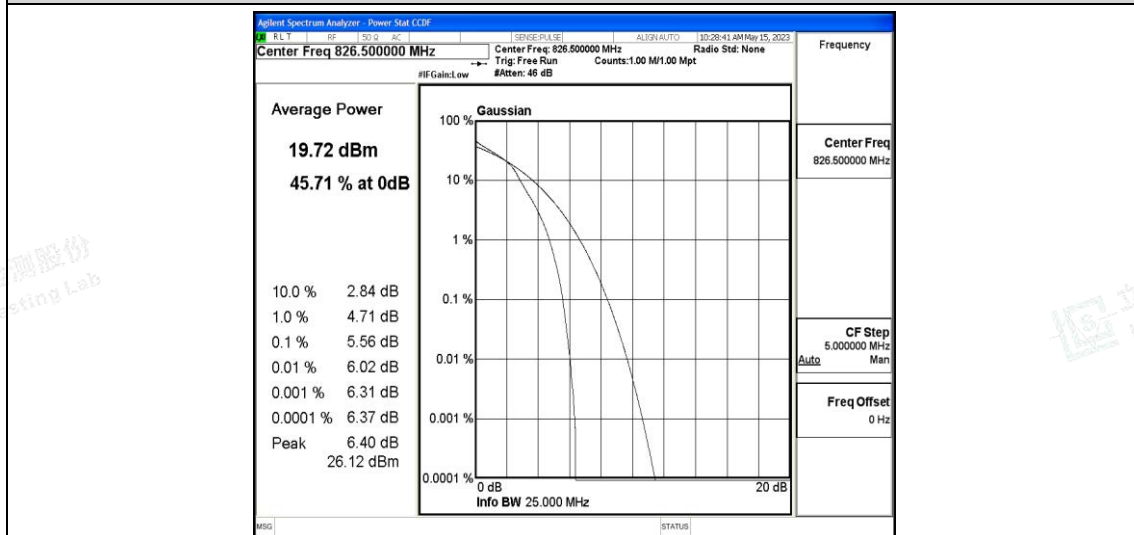
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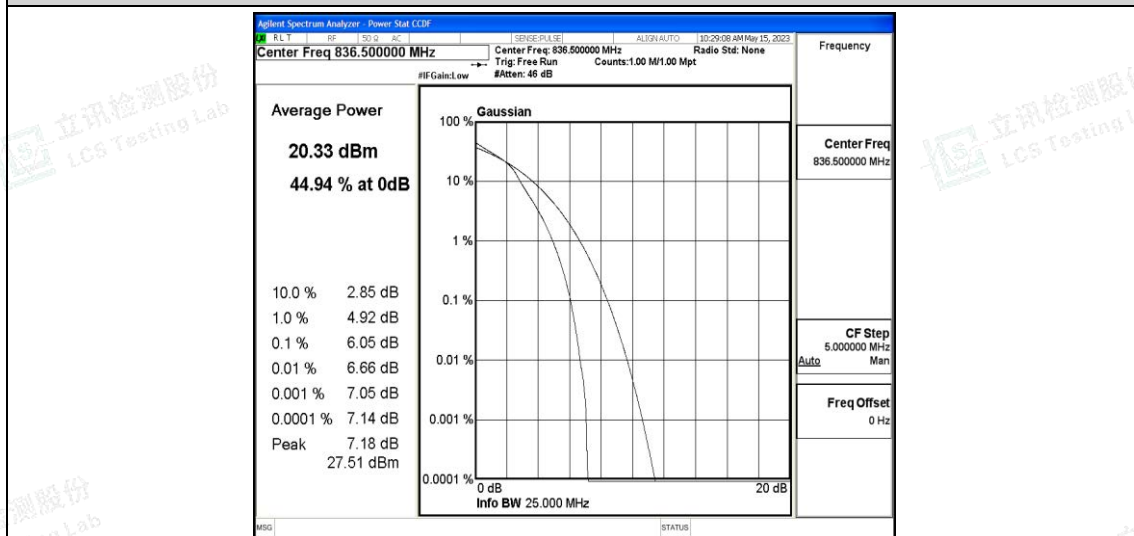
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Band5-5MHz-16QAM-20425-25RB#0



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



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

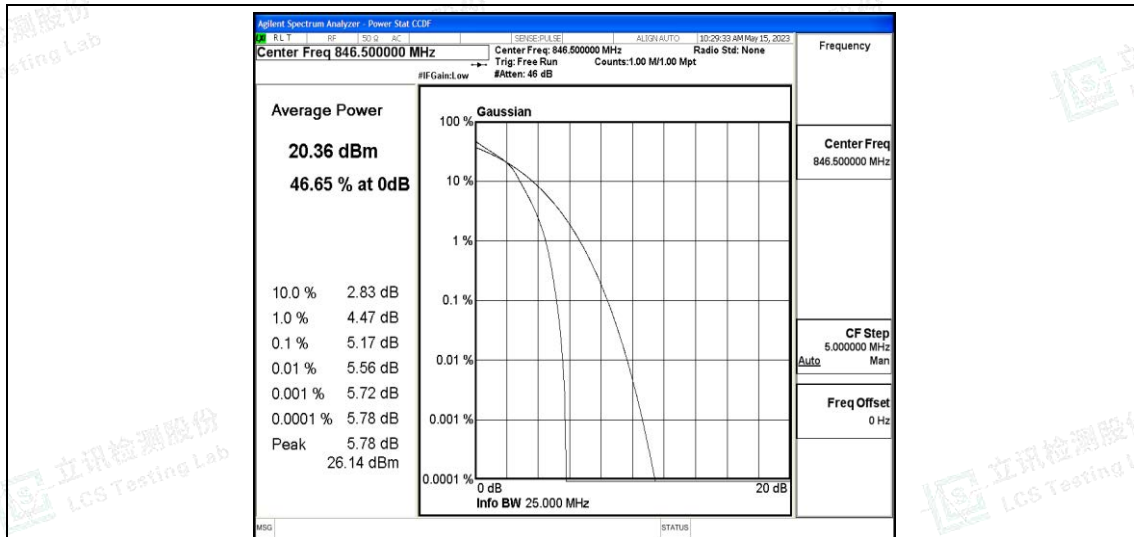


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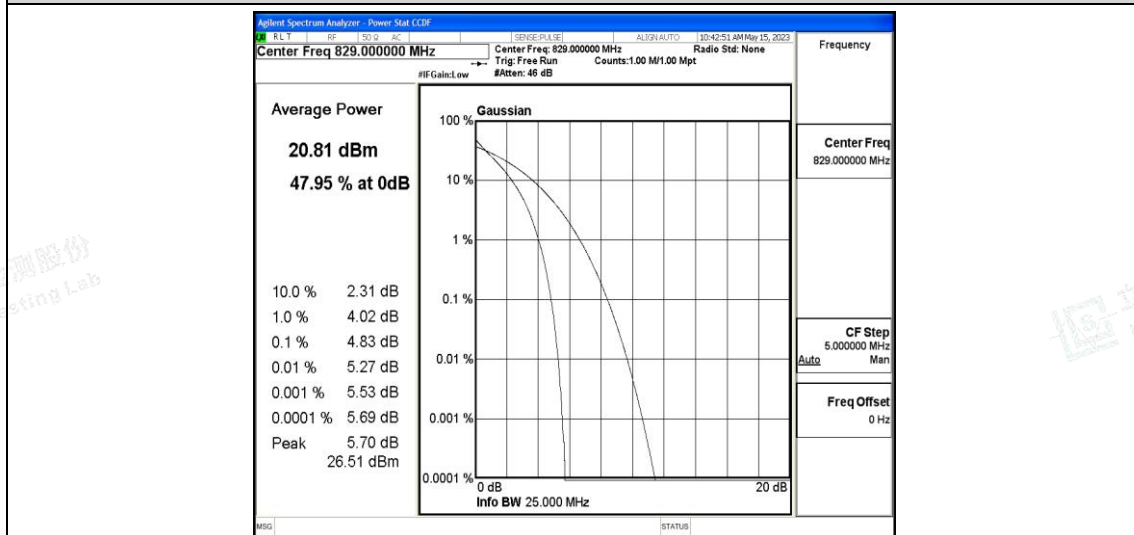
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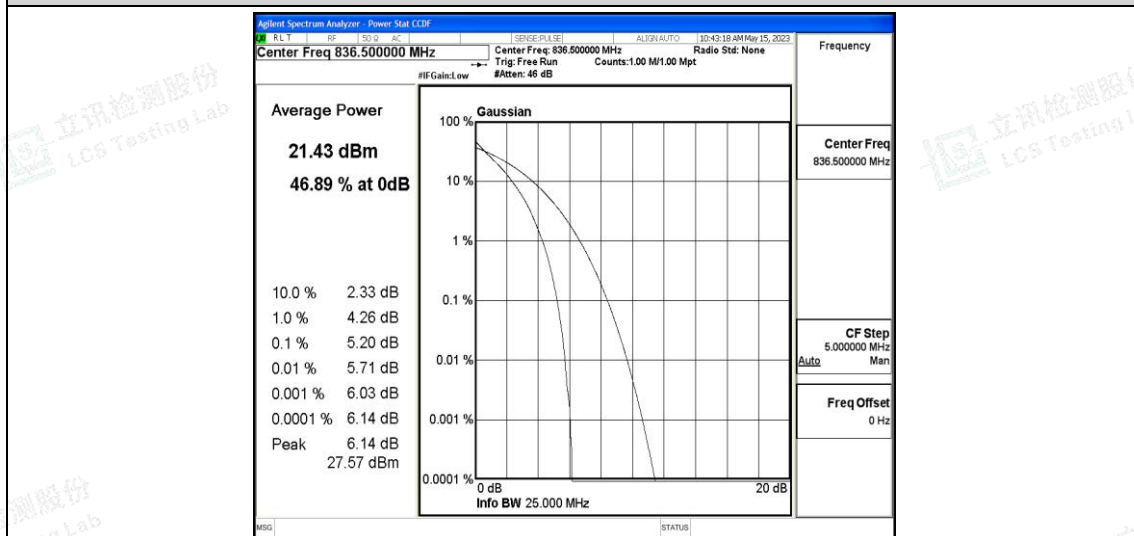
Scan code to check authenticity



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



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



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

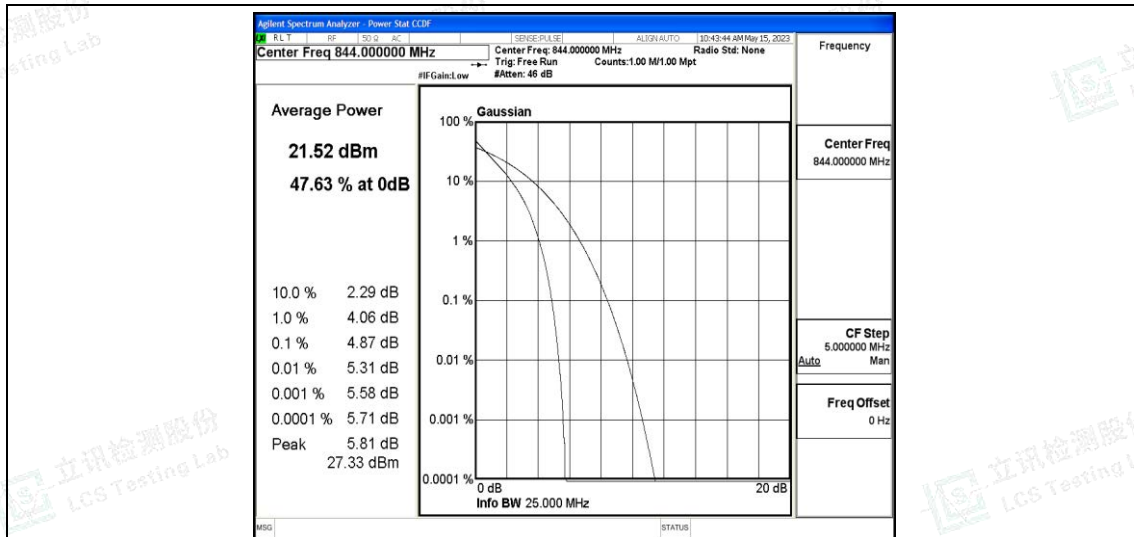


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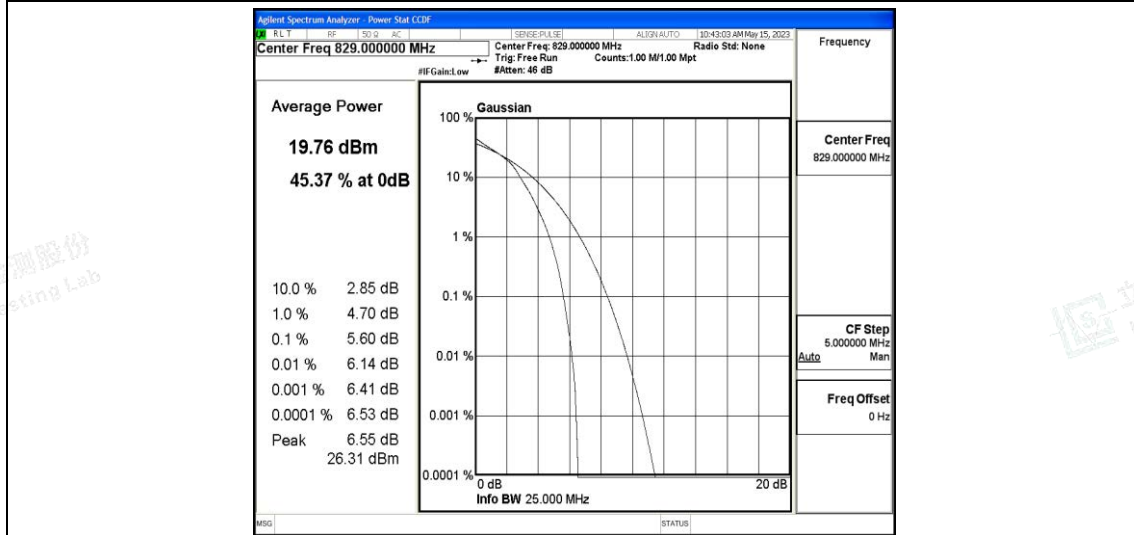
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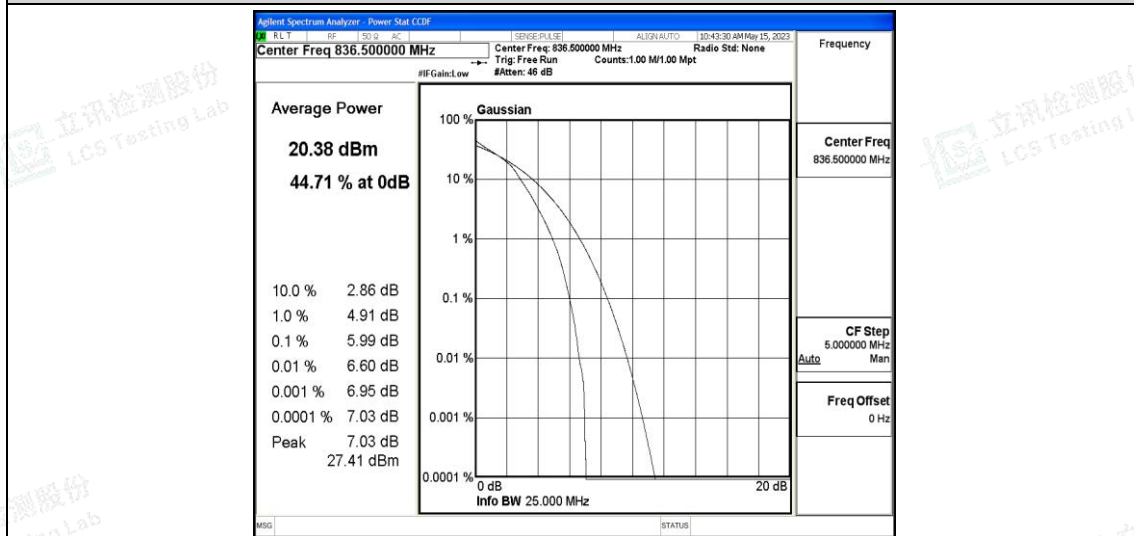
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Band5-10MHz-16QAM-20450-50RB#0

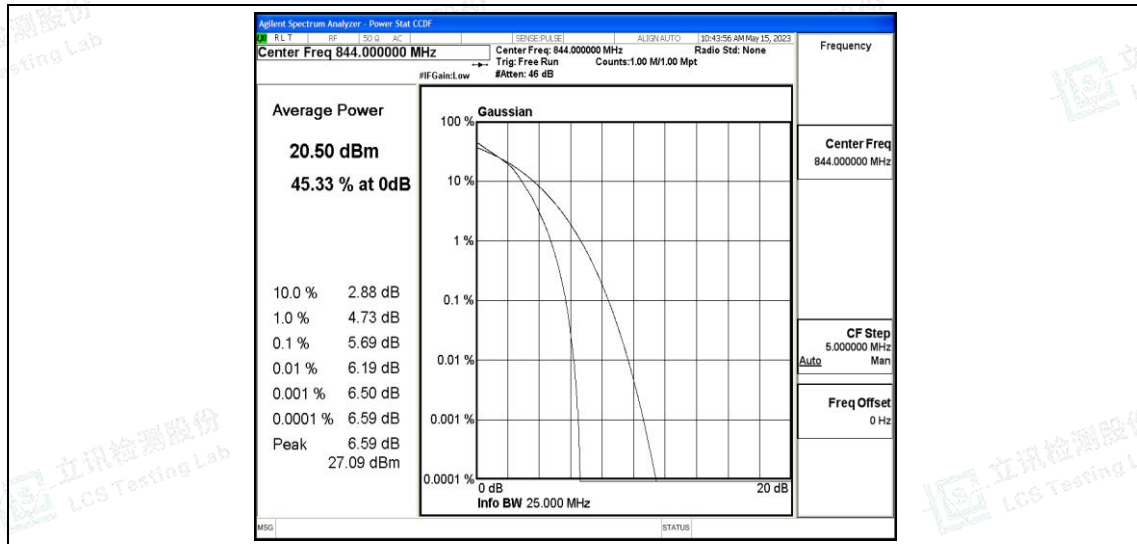


Band5-10MHz-16QAM-20525-50RB#0



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







F.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	1.0859	1.269	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.0876	1.278	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.0924	1.282	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.0935	1.294	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.0989	1.305	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.0935	1.284	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.6853	2.906	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.6783	2.903	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.6929	2.894	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.6779	2.884	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.6755	2.902	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.6824	2.895	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.5268	5.216	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.5171	5.195	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.5109	5.127	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.5185	5.130	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.5126	5.125	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.5368	5.222	PASS
Band5	10MHz	QPSK	20450	50RB#0	9.0181	10.19	PASS
Band5	10MHz	QPSK	20525	50RB#0	9.0005	10.17	PASS
Band5	10MHz	QPSK	20600	50RB#0	9.0099	10.22	PASS
Band5	10MHz	16QAM	20450	50RB#0	9.0043	10.08	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.9915	10.07	PASS
Band5	10MHz	16QAM	20600	50RB#0	9.0204	10.12	PASS



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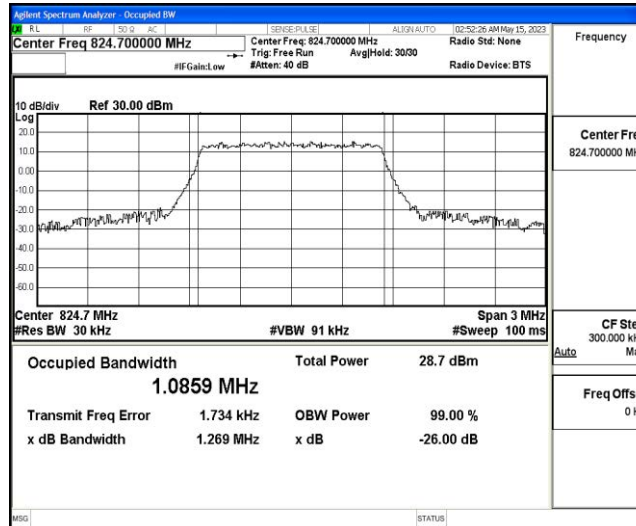
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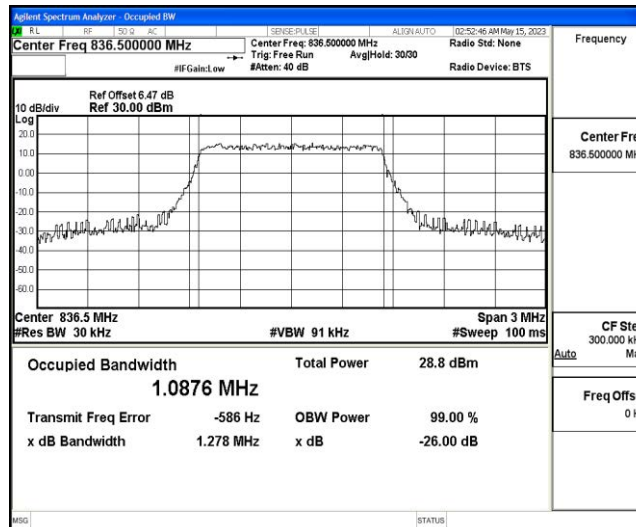


Test Graphs

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

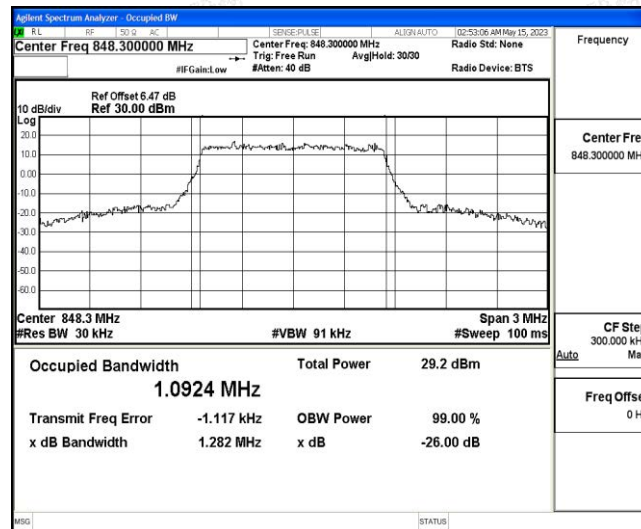


Band5-1.4MHz-QPSK-20525-6RB#0

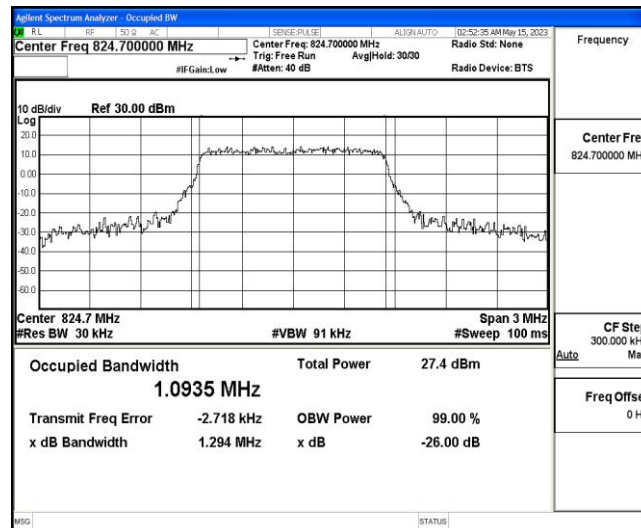


Band5-1.4MHz-QPSK-20643-6RB#0

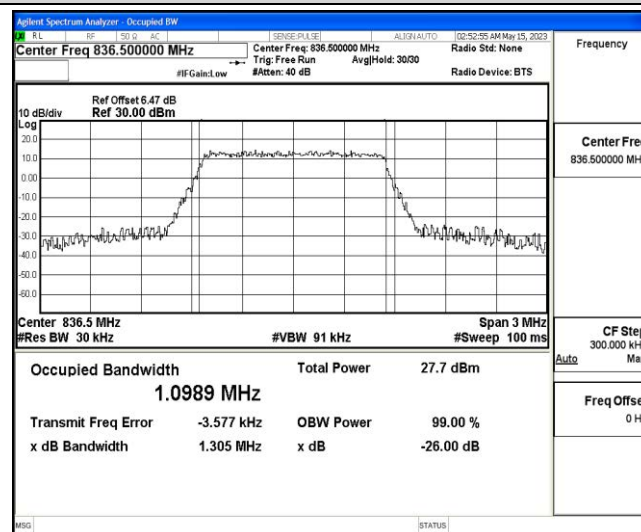




Band5-1.4MHz-16QAM-20407-6RB#0

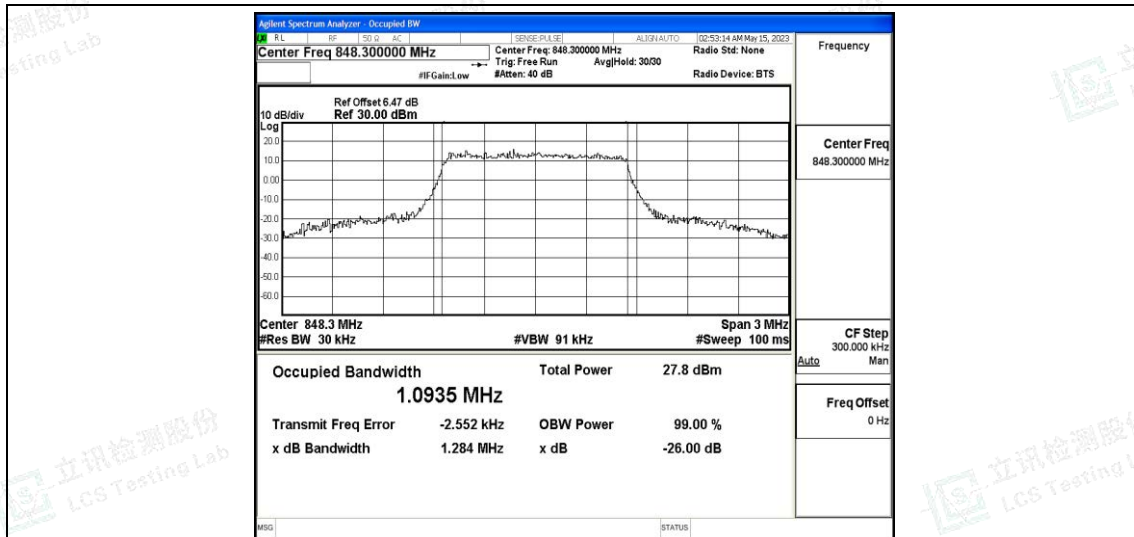


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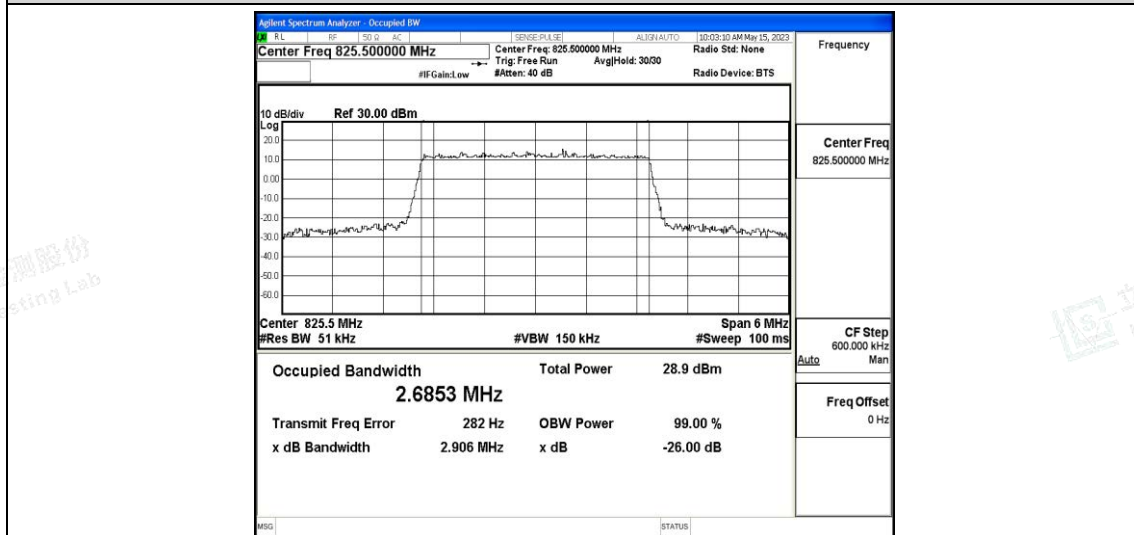


Band5-1.4MHz-16QAM-20643-6RB#0





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

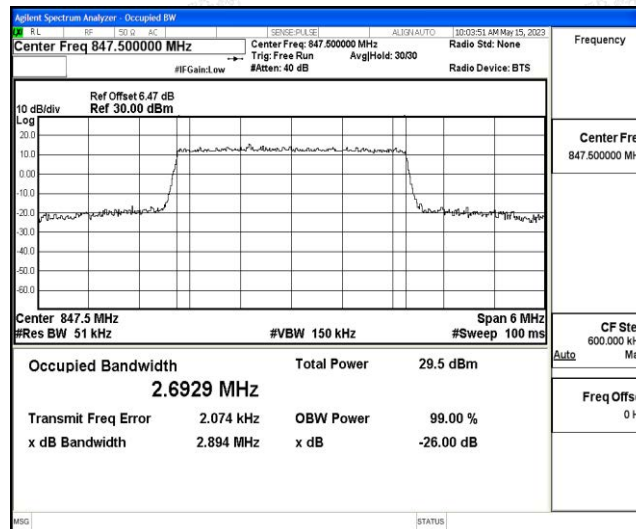


Band5-3MHz-QPSK-20525-15RB#0

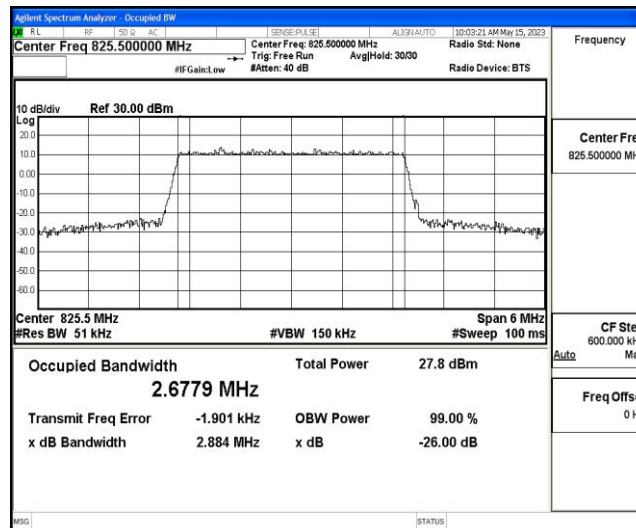


Band5-3MHz-QPSK-20635-15RB#0

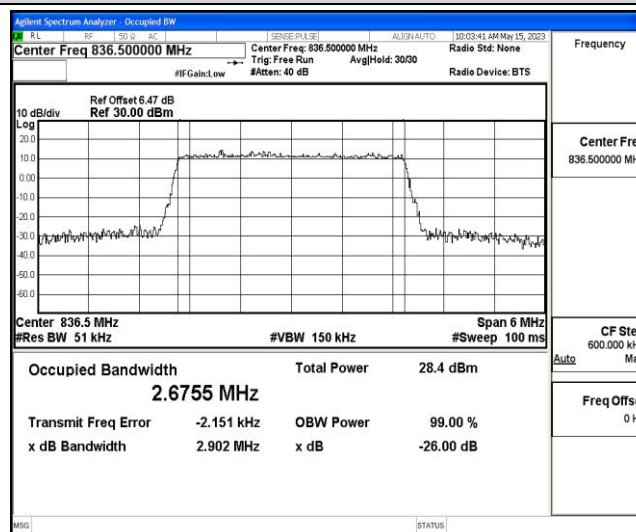




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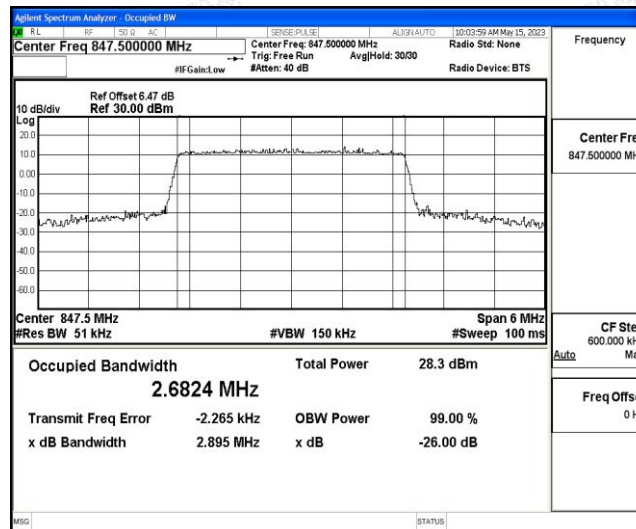


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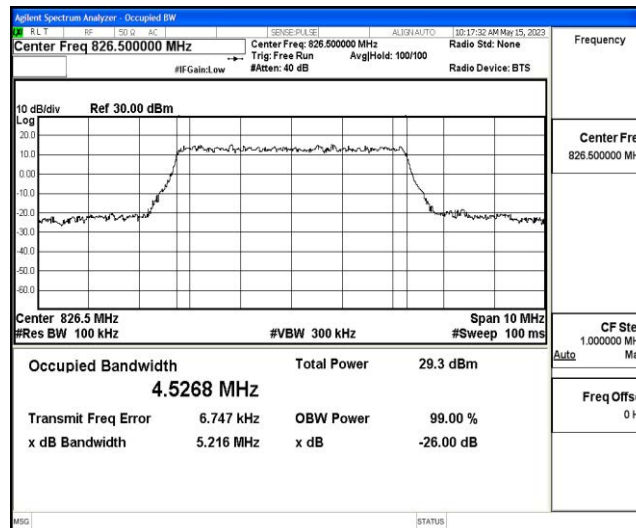


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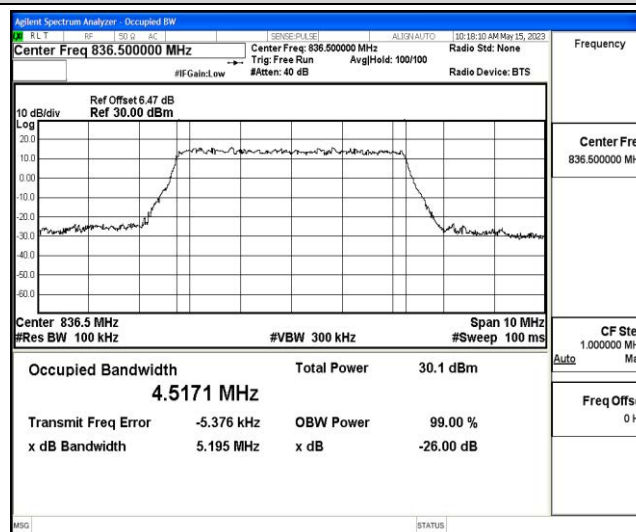




Band5-5MHz-QPSK-20425-25RB#0

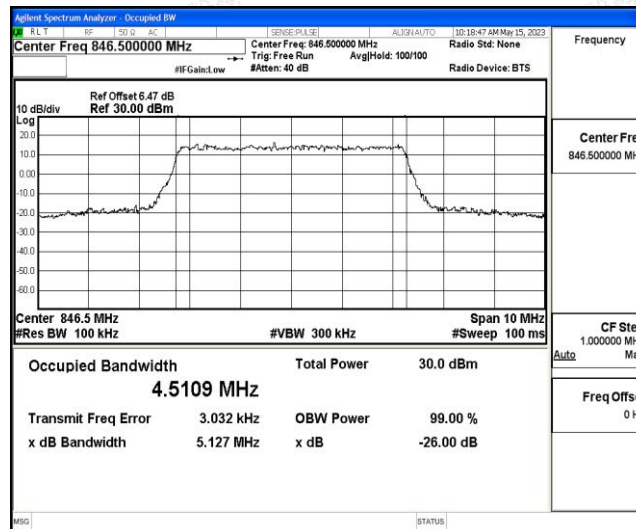


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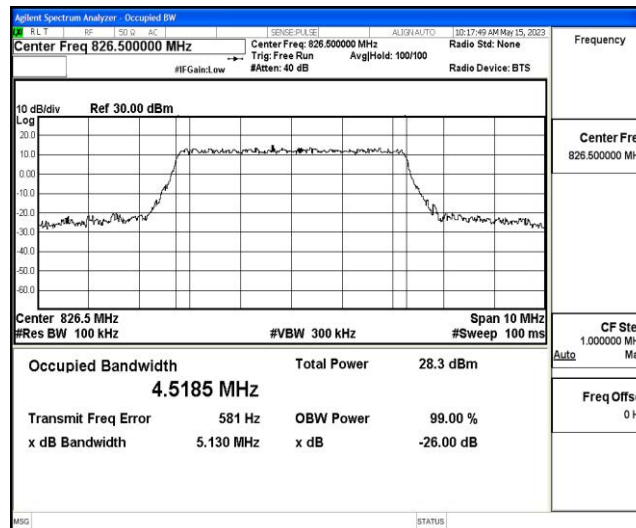


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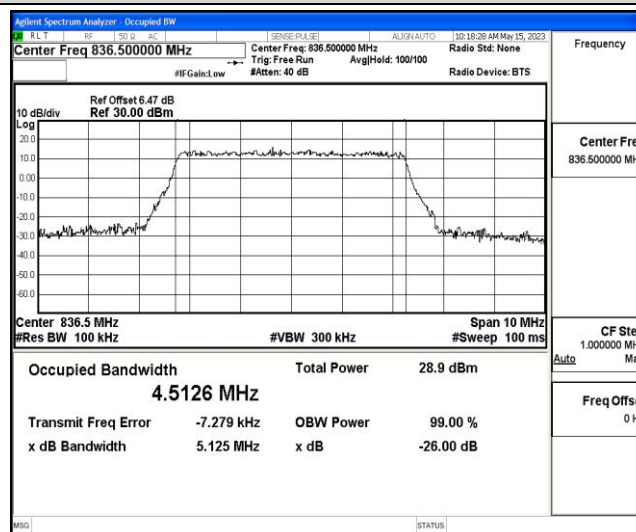




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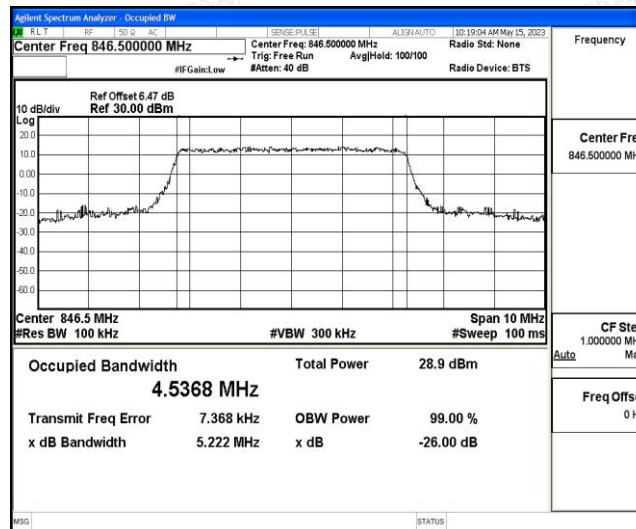


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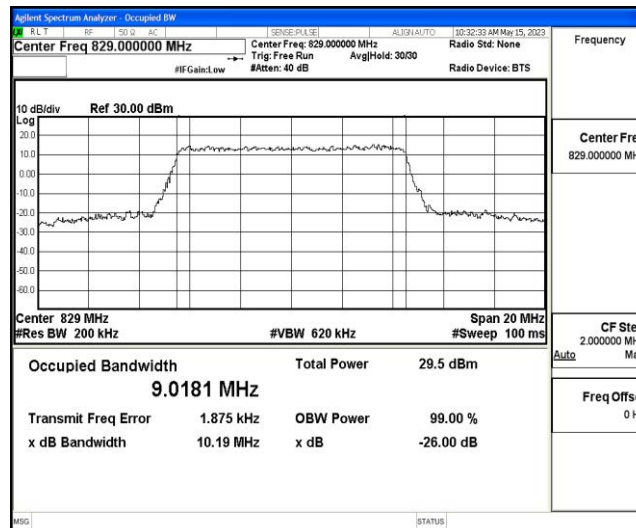


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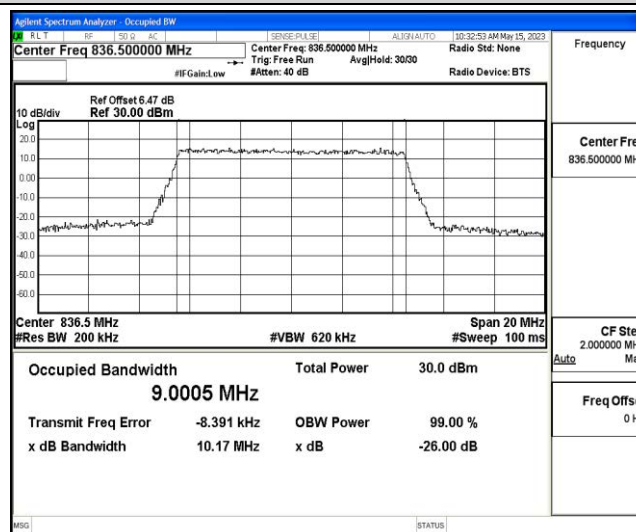




Band5-10MHz-QPSK-20450-50RB#0



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



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

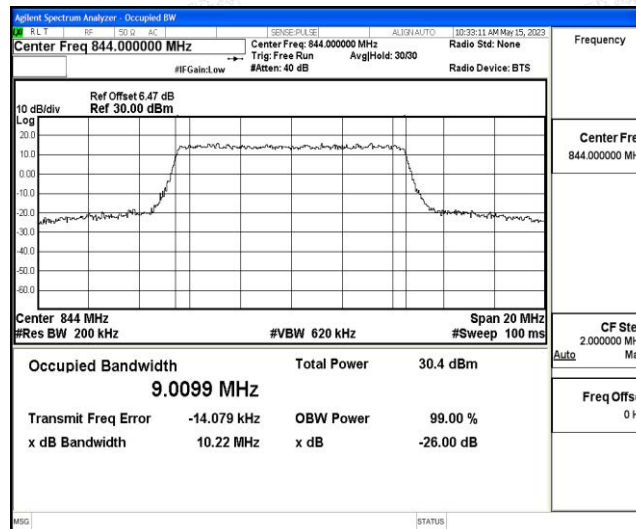


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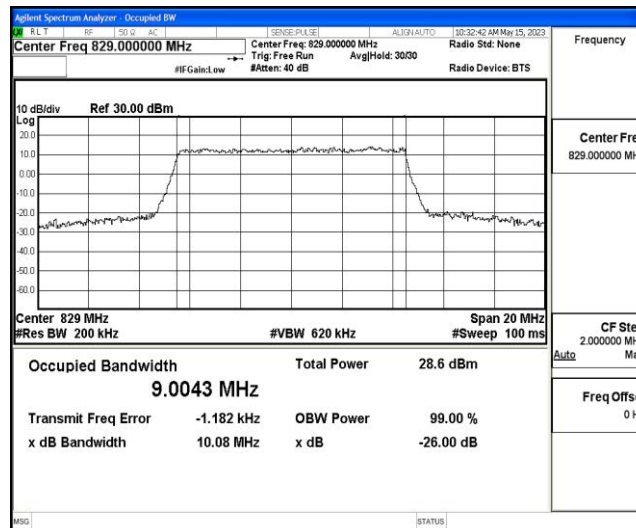
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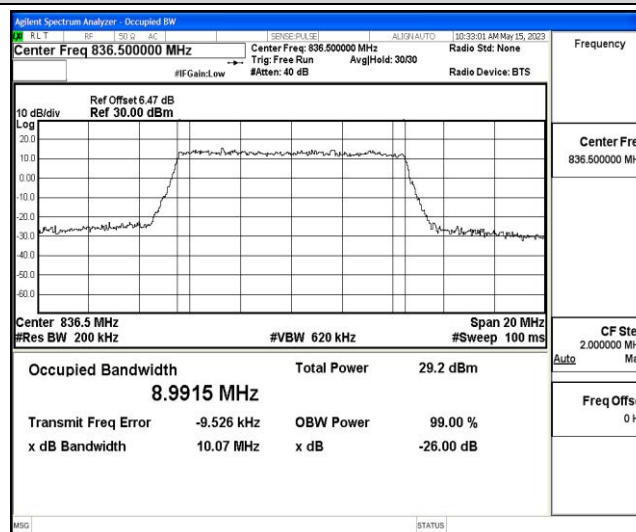
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Band5-10MHz-16QAM-20450-50RB#0

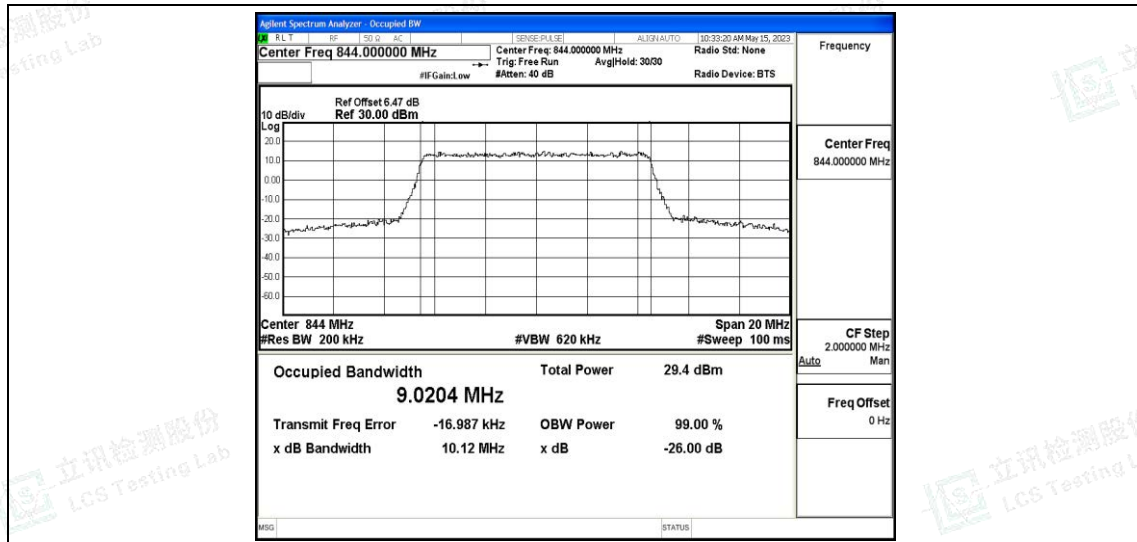


Band5-10MHz-16QAM-20525-50RB#0



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





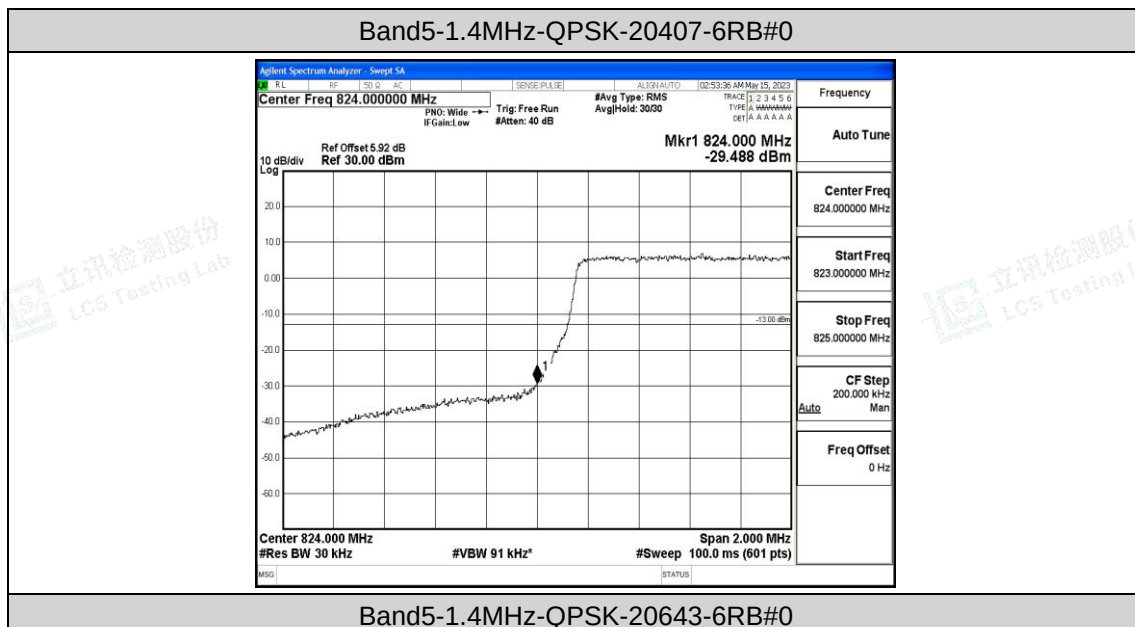


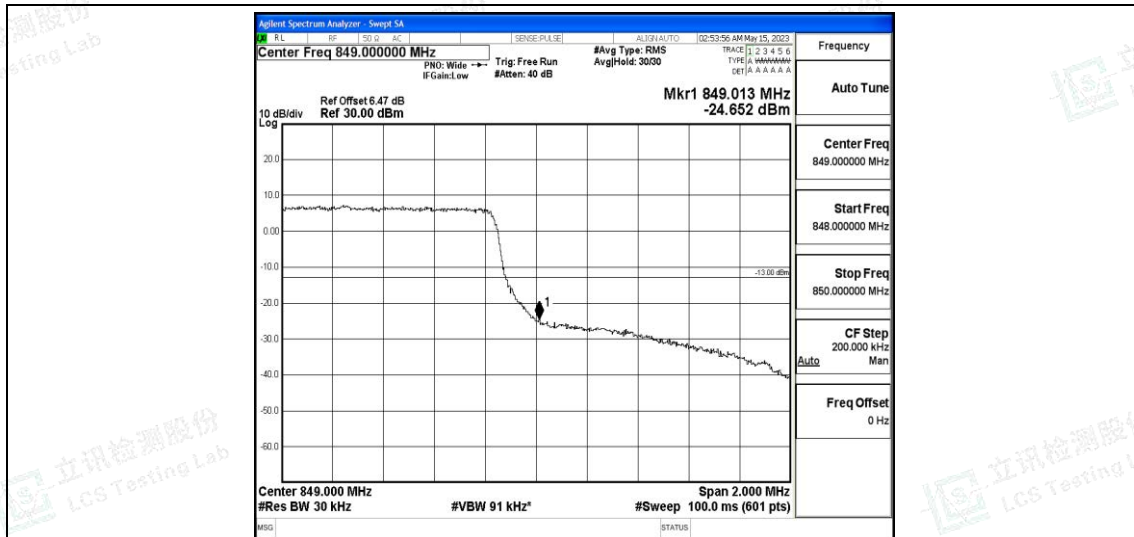
F.4 Band Edge

Test Result

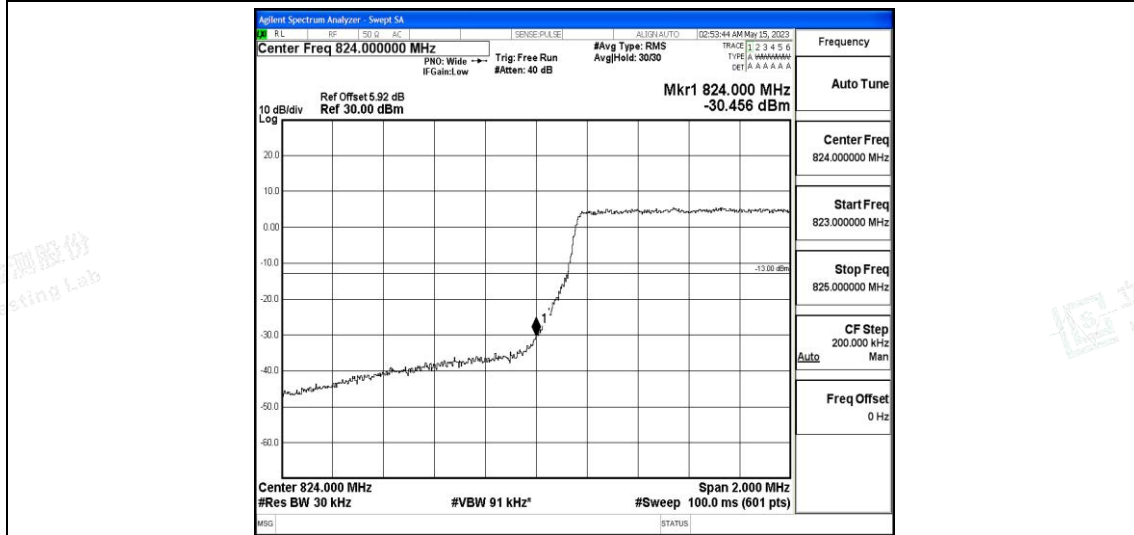
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	-29.49	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	-24.65	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	-30.46	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	-27.83	PASS
Band5	3MHz	QPSK	20415	15RB#0	-31.01	PASS
Band5	3MHz	QPSK	20635	15RB#0	-26.33	PASS
Band5	3MHz	16QAM	20415	15RB#0	-33.36	PASS
Band5	3MHz	16QAM	20635	15RB#0	-29.37	PASS
Band5	5MHz	QPSK	20425	25RB#0	-24.00	PASS
Band5	5MHz	QPSK	20625	25RB#0	-22.30	PASS
Band5	5MHz	16QAM	20425	25RB#0	-25.25	PASS
Band5	5MHz	16QAM	20625	25RB#0	-23.93	PASS
Band5	10MHz	QPSK	20450	50RB#0	-27.35	PASS
Band5	10MHz	QPSK	20600	50RB#0	-26.56	PASS
Band5	10MHz	16QAM	20450	50RB#0	-29.49	PASS
Band5	10MHz	16QAM	20600	50RB#0	-27.91	PASS

Test Graphs

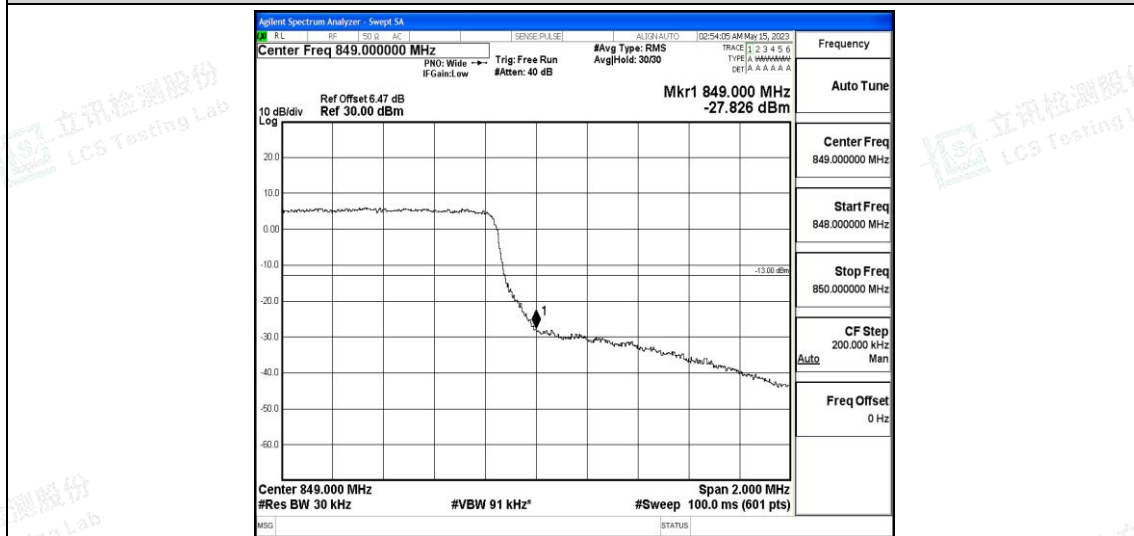




Band5-1.4MHz-16QAM-20407-6RB#0

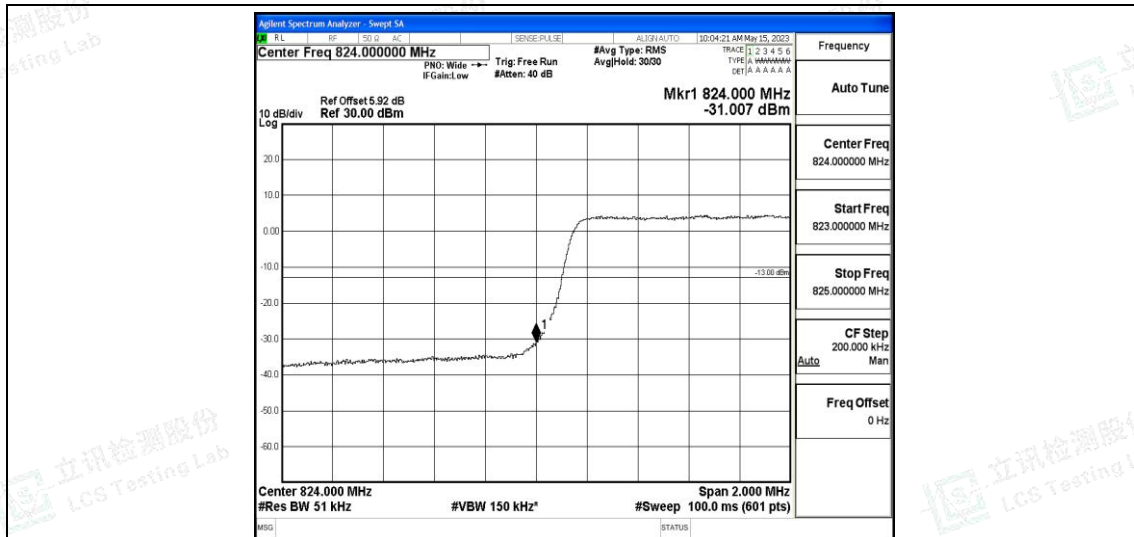


Band5-1.4MHz-16QAM-20643-6RB#0

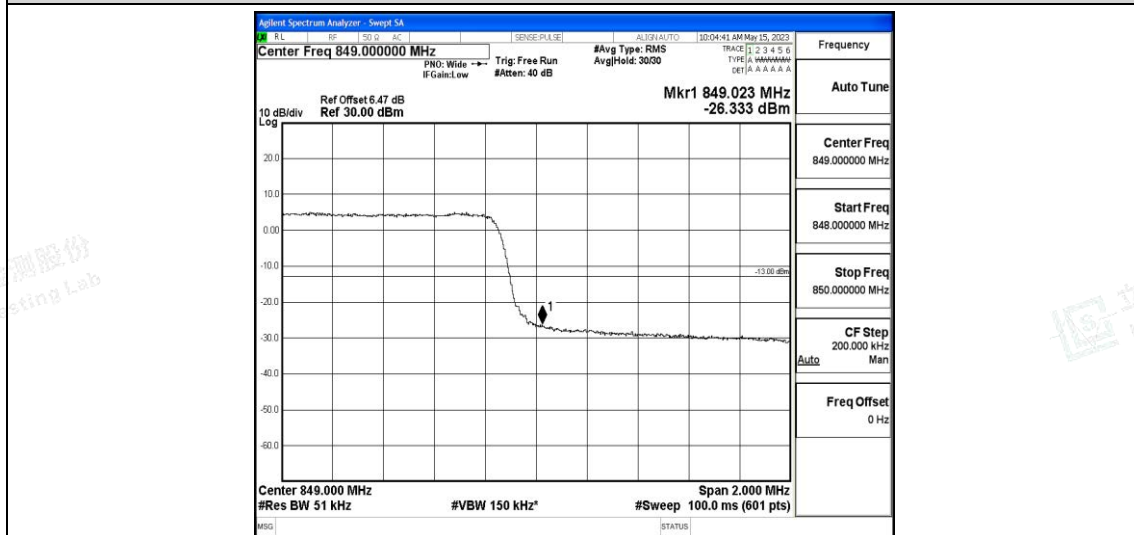


Band5-3MHz-QPSK-20415-15RB#0

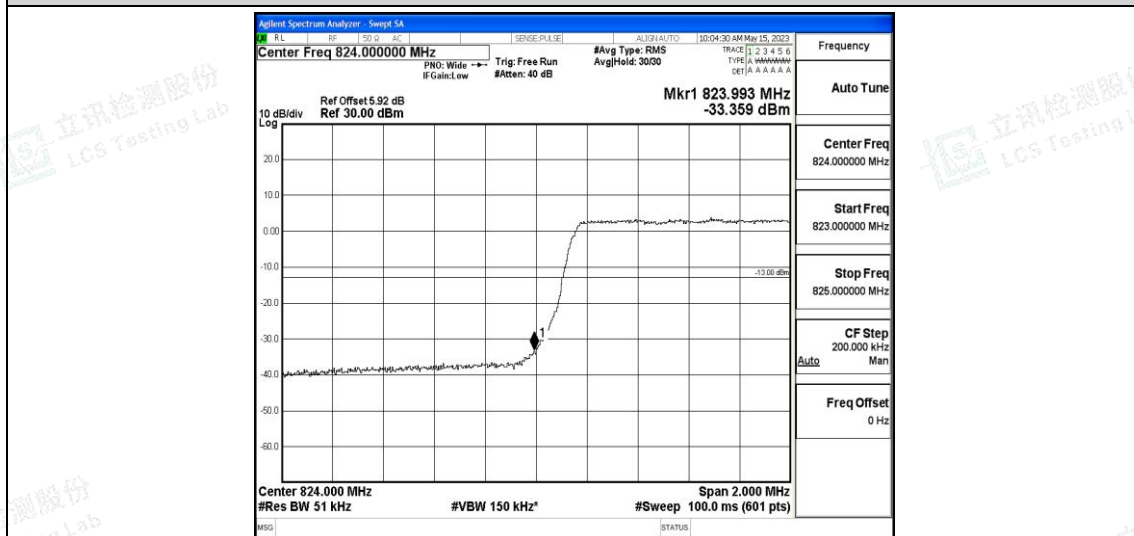




Band5-3MHz-QPSK-20635-15RB#0

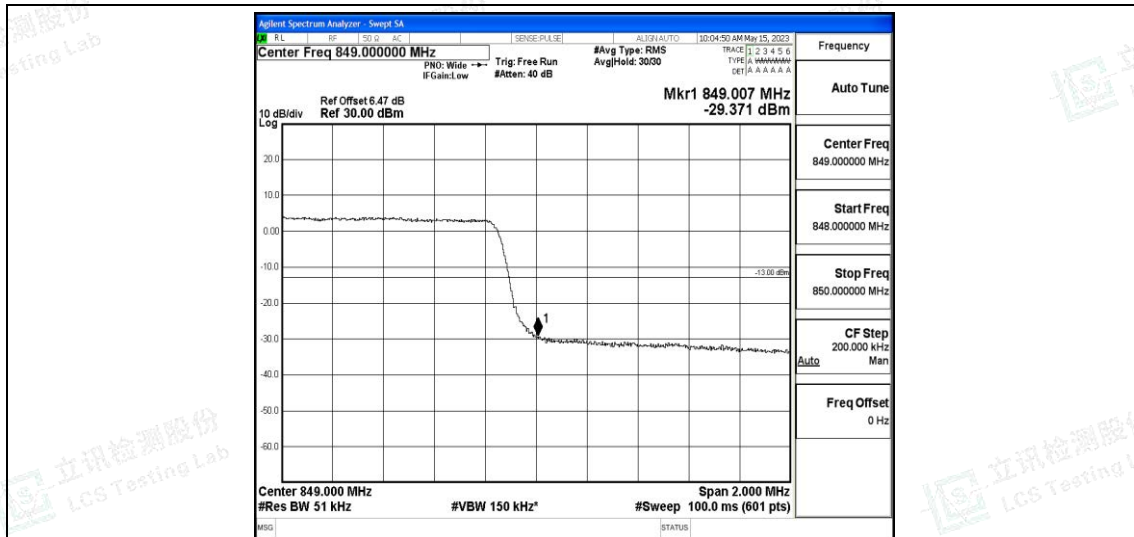


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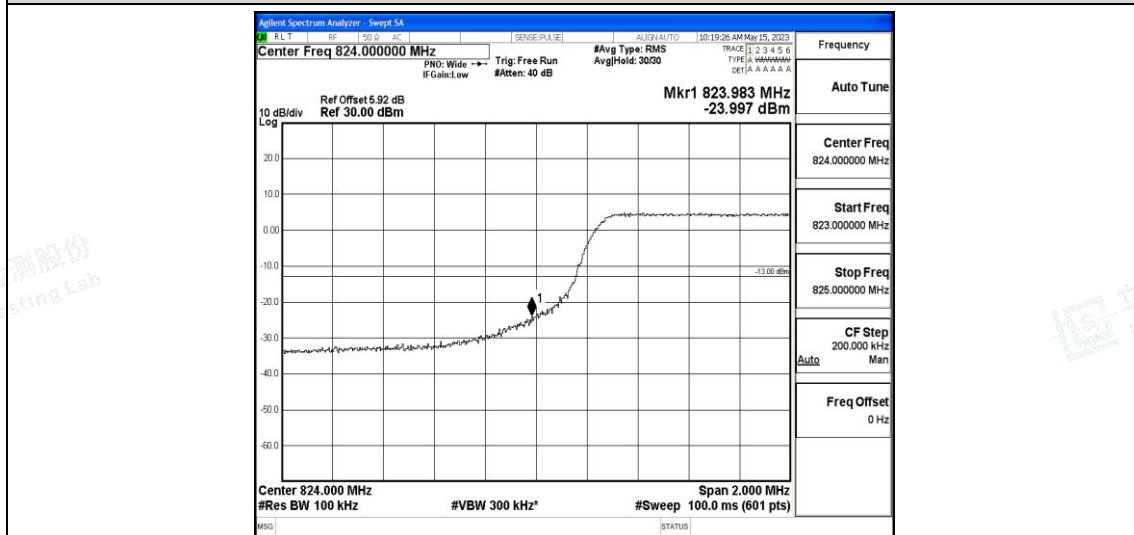


Band5-3MHz-16QAM-20635-15RB#0

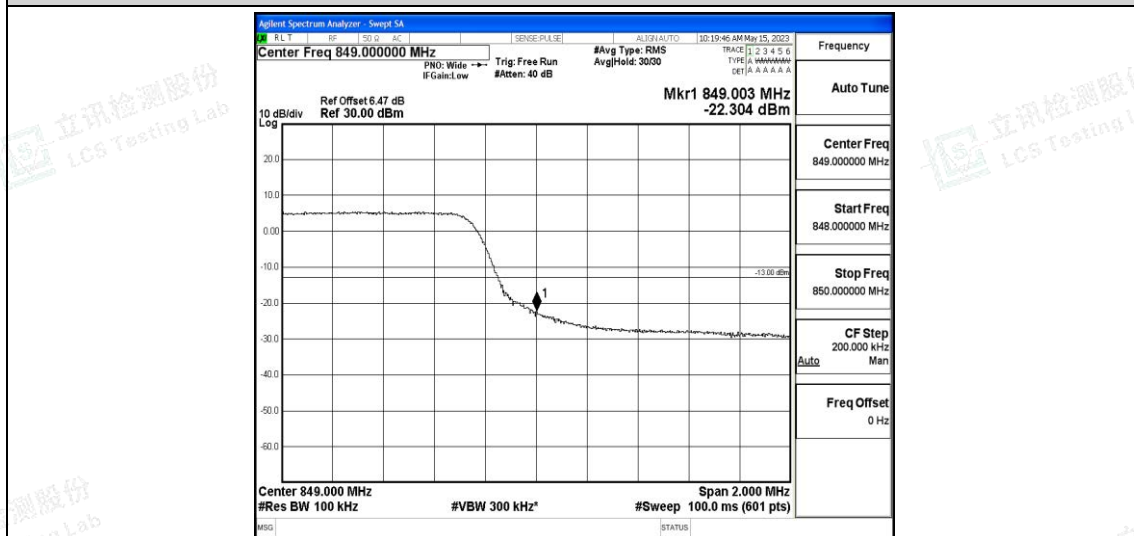




Band5-5MHz-QPSK-20425-25RB#0



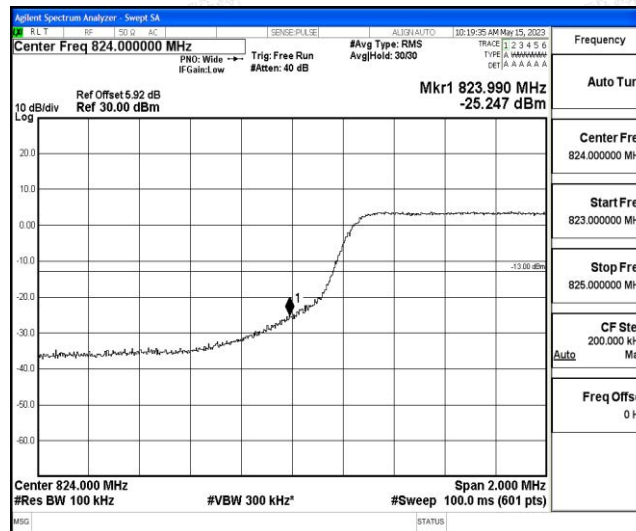
Band5-5MHz-QPSK-20625-25RB#0



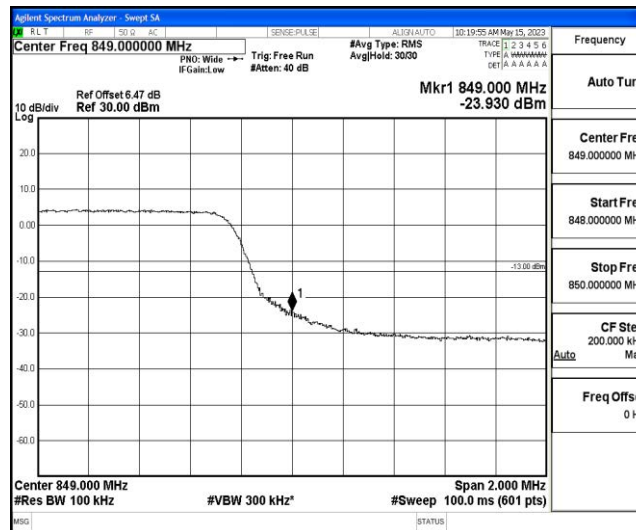
Band5-5MHz-16QAM-20425-25RB#0



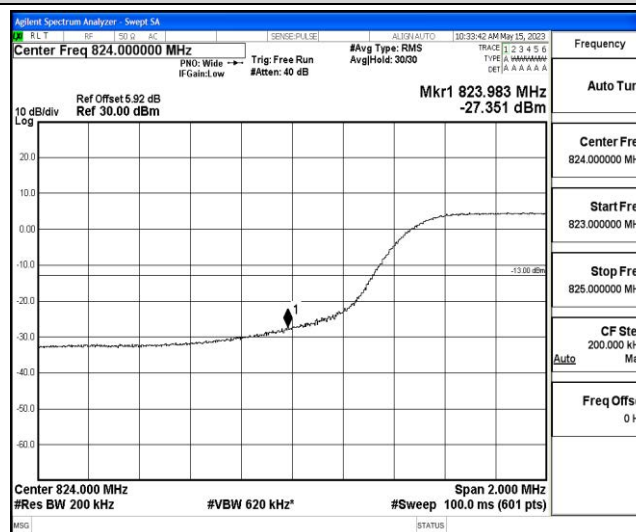
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Band5-5MHz-16QAM-20625-25RB#0

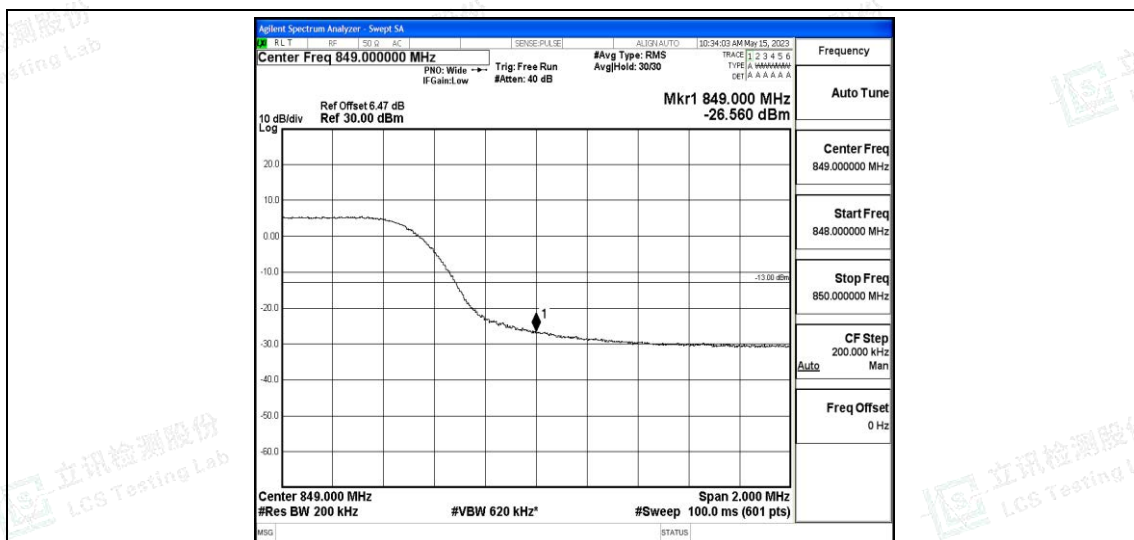


Band5-10MHz-QPSK-20450-50RB#0

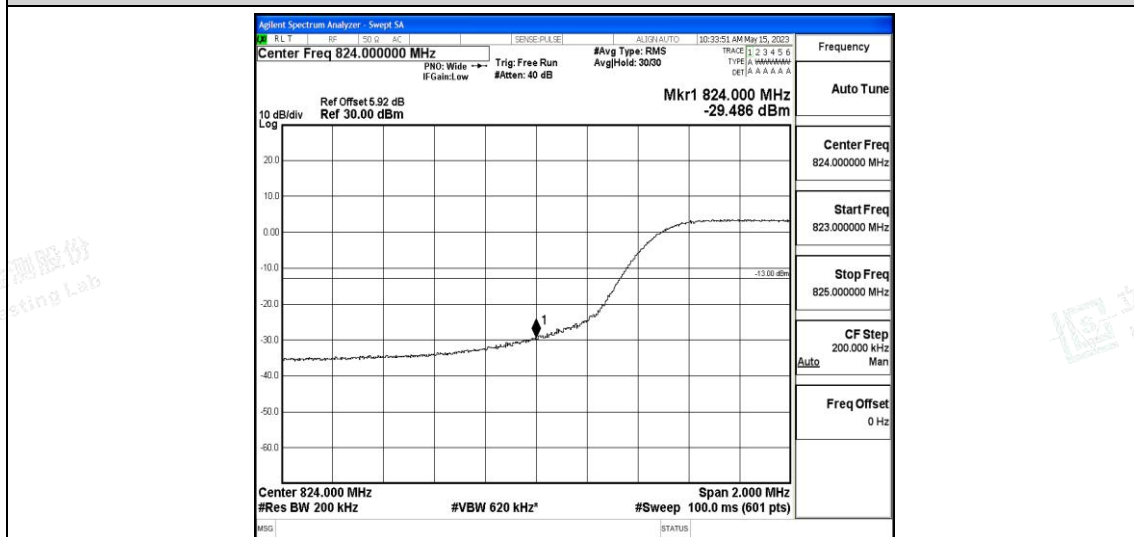


Band5-10MHz-QPSK-20600-50RB#0

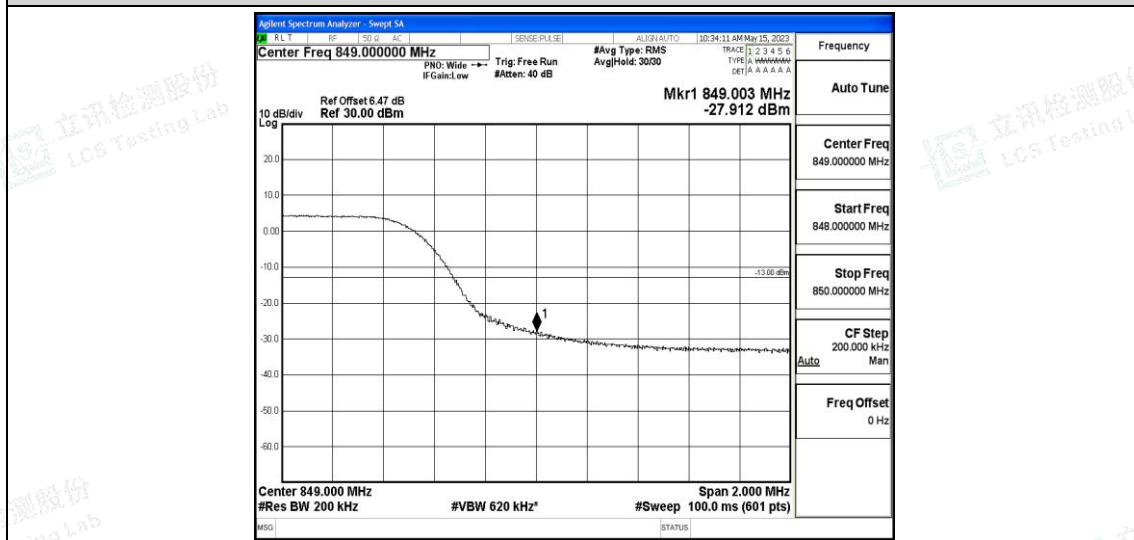




Band5-10MHz-16QAM-20450-50RB#0



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





F.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	-54.79	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	Range2:0.15~30MHz	-52.16	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	Range3:30~1000MHz	-40.71	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	Range4:1000~10000MHz	-44.97	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	Range1:0.009~0.15MHz	-54.75	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	Range2:0.15~30MHz	-52.41	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	Range3:30~1000MHz	-40.19	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	Range4:1000~10000MHz	-44.74	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	Range1:0.009~0.15MHz	-55.43	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	Range2:0.15~30MHz	-51.25	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	Range3:30~1000MHz	-40.94	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	Range4:1000~10000MHz	-44.74	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	Range1:0.009~0.15MHz	-55.15	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	Range2:0.15~30MHz	-52.74	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	Range3:30~1000MHz	-40.92	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	Range4:1000~10000MHz	-44.8	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	Range1:0.009~0.15MHz	-55.03	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	Range2:0.15~30MHz	-51.24	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	Range3:30~1000MHz	-41.15	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	Range4:1000~10000MHz	-44.78	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	Range1:0.009~0.15MHz	-54.08	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	Range2:0.15~30MHz	-52.76	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	Range3:30~1000MHz	-40.69	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	Range4:1000~10000MHz	-44.96	PASS
Band5	3MHz	QPSK	20415	1RB#0	Range1:0.009~0.15MHz	-55.35	PASS
Band5	3MHz	QPSK	20415	1RB#0	Range2:0.15~30MHz	-51.01	PASS
Band5	3MHz	QPSK	20415	1RB#0	Range3:30~1000MHz	-41.24	PASS
Band5	3MHz	QPSK	20415	1RB#0	Range4:1000~10000MHz	-44.84	PASS
Band5	3MHz	QPSK	20525	1RB#0	Range1:0.009~0.15MHz	-54.88	PASS
Band5	3MHz	QPSK	20525	1RB#0	Range2:0.15~30MHz	-51.71	PASS
Band5	3MHz	QPSK	20525	1RB#0	Range3:30~1000MHz	-41.15	PASS
Band5	3MHz	QPSK	20525	1RB#0	Range4:1000~10000MHz	-44.79	PASS
Band5	3MHz	QPSK	20635	1RB#0	Range1:0.009~0.15MHz	-54.86	PASS
Band5	3MHz	QPSK	20635	1RB#0	Range2:0.15~30MHz	-52.93	PASS
Band5	3MHz	QPSK	20635	1RB#0	Range3:30~1000MHz	-40.95	PASS



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Band5	3MHz	QPSK	20635	1RB#0	Range4:1000~10000MHz	-44.63	PASS
Band5	3MHz	16QAM	20415	1RB#0	Range1:0.009~0.15MHz	-56.27	PASS
Band5	3MHz	16QAM	20415	1RB#0	Range2:0.15~30MHz	-49.97	PASS
Band5	3MHz	16QAM	20415	1RB#0	Range3:30~1000MHz	-40.39	PASS
Band5	3MHz	16QAM	20415	1RB#0	Range4:1000~10000MHz	-44.87	PASS
Band5	3MHz	16QAM	20525	1RB#0	Range1:0.009~0.15MHz	-56.19	PASS
Band5	3MHz	16QAM	20525	1RB#0	Range2:0.15~30MHz	-51.45	PASS
Band5	3MHz	16QAM	20525	1RB#0	Range3:30~1000MHz	-41.36	PASS
Band5	3MHz	16QAM	20525	1RB#0	Range4:1000~10000MHz	-44.9	PASS
Band5	3MHz	16QAM	20635	1RB#0	Range1:0.009~0.15MHz	-54.93	PASS
Band5	3MHz	16QAM	20635	1RB#0	Range2:0.15~30MHz	-52.97	PASS
Band5	3MHz	16QAM	20635	1RB#0	Range3:30~1000MHz	-41.63	PASS
Band5	3MHz	16QAM	20635	1RB#0	Range4:1000~10000MHz	-44.89	PASS
Band5	5MHz	QPSK	20425	1RB#0	Range1:0.009~0.15MHz	-56.36	PASS
Band5	5MHz	QPSK	20425	1RB#0	Range2:0.15~30MHz	-51.24	PASS
Band5	5MHz	QPSK	20425	1RB#0	Range3:30~1000MHz	-41.14	PASS
Band5	5MHz	QPSK	20425	1RB#0	Range4:1000~10000MHz	-44.9	PASS
Band5	5MHz	QPSK	20525	1RB#0	Range1:0.009~0.15MHz	-55.13	PASS
Band5	5MHz	QPSK	20525	1RB#0	Range2:0.15~30MHz	-51.11	PASS
Band5	5MHz	QPSK	20525	1RB#0	Range3:30~1000MHz	-41.61	PASS
Band5	5MHz	QPSK	20525	1RB#0	Range4:1000~10000MHz	-44.97	PASS
Band5	5MHz	QPSK	20625	1RB#0	Range1:0.009~0.15MHz	-56.1	PASS
Band5	5MHz	QPSK	20625	1RB#0	Range2:0.15~30MHz	-51.58	PASS
Band5	5MHz	QPSK	20625	1RB#0	Range3:30~1000MHz	-41.74	PASS
Band5	5MHz	QPSK	20625	1RB#0	Range4:1000~10000MHz	-45.01	PASS
Band5	5MHz	16QAM	20425	1RB#0	Range1:0.009~0.15MHz	-54.6	PASS
Band5	5MHz	16QAM	20425	1RB#0	Range2:0.15~30MHz	-50.57	PASS
Band5	5MHz	16QAM	20425	1RB#0	Range3:30~1000MHz	-40.67	PASS
Band5	5MHz	16QAM	20425	1RB#0	Range4:1000~10000MHz	-44.96	PASS
Band5	5MHz	16QAM	20525	1RB#0	Range1:0.009~0.15MHz	-55.84	PASS
Band5	5MHz	16QAM	20525	1RB#0	Range2:0.15~30MHz	-51.32	PASS
Band5	5MHz	16QAM	20525	1RB#0	Range3:30~1000MHz	-40.58	PASS
Band5	5MHz	16QAM	20525	1RB#0	Range4:1000~10000MHz	-44.91	PASS
Band5	5MHz	16QAM	20625	1RB#0	Range1:0.009~0.15MHz	-56.6	PASS
Band5	5MHz	16QAM	20625	1RB#0	Range2:0.15~30MHz	-51.01	PASS
Band5	5MHz	16QAM	20625	1RB#0	Range3:30~1000MHz	-41.97	PASS
Band5	5MHz	16QAM	20625	1RB#0	Range4:1000~10000MHz	-44.98	PASS
Band5	10MHz	QPSK	20450	1RB#0	Range1:0.009~0.15MHz	-53.77	PASS
Band5	10MHz	QPSK	20450	1RB#0	Range2:0.15~30MHz	-51.34	PASS
Band5	10MHz	QPSK	20450	1RB#0	Range3:30~1000MHz	-41.79	PASS



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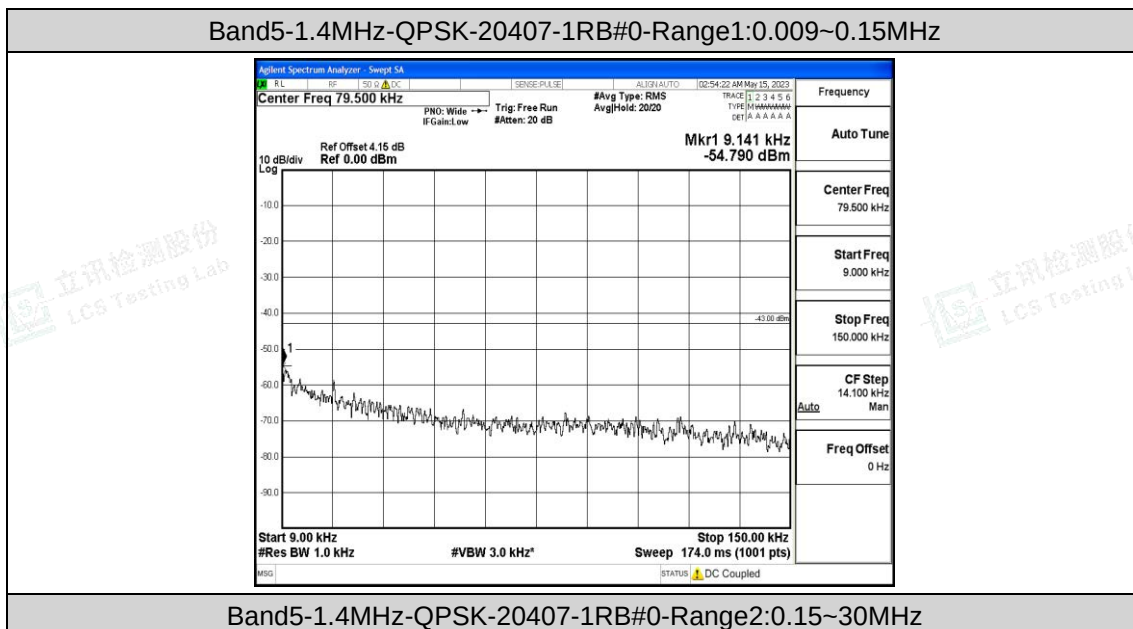
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Band5	10MHz	QPSK	20450	1RB#0	Range4:1000~10000MHz	-44.79	PASS
Band5	10MHz	QPSK	20525	1RB#0	Range1:0.009~0.15MHz	-55.66	PASS
Band5	10MHz	QPSK	20525	1RB#0	Range2:0.15~30MHz	-51.8	PASS
Band5	10MHz	QPSK	20525	1RB#0	Range3:30~1000MHz	-41.73	PASS
Band5	10MHz	QPSK	20525	1RB#0	Range4:1000~10000MHz	-44.77	PASS
Band5	10MHz	QPSK	20600	1RB#0	Range1:0.009~0.15MHz	-55.05	PASS
Band5	10MHz	QPSK	20600	1RB#0	Range2:0.15~30MHz	-49.82	PASS
Band5	10MHz	QPSK	20600	1RB#0	Range3:30~1000MHz	-41.8	PASS
Band5	10MHz	QPSK	20600	1RB#0	Range4:1000~10000MHz	-44.76	PASS
Band5	10MHz	16QAM	20450	1RB#0	Range1:0.009~0.15MHz	-54.87	PASS
Band5	10MHz	16QAM	20450	1RB#0	Range2:0.15~30MHz	-51.67	PASS
Band5	10MHz	16QAM	20450	1RB#0	Range3:30~1000MHz	-40.91	PASS
Band5	10MHz	16QAM	20450	1RB#0	Range4:1000~10000MHz	-45.04	PASS
Band5	10MHz	16QAM	20525	1RB#0	Range1:0.009~0.15MHz	-55.74	PASS
Band5	10MHz	16QAM	20525	1RB#0	Range2:0.15~30MHz	-50.26	PASS
Band5	10MHz	16QAM	20525	1RB#0	Range3:30~1000MHz	-40.43	PASS
Band5	10MHz	16QAM	20525	1RB#0	Range4:1000~10000MHz	-44.86	PASS
Band5	10MHz	16QAM	20600	1RB#0	Range1:0.009~0.15MHz	-54.82	PASS
Band5	10MHz	16QAM	20600	1RB#0	Range2:0.15~30MHz	-51.64	PASS
Band5	10MHz	16QAM	20600	1RB#0	Range3:30~1000MHz	-40.95	PASS
Band5	10MHz	16QAM	20600	1RB#0	Range4:1000~10000MHz	-44.89	PASS

Test Graphs

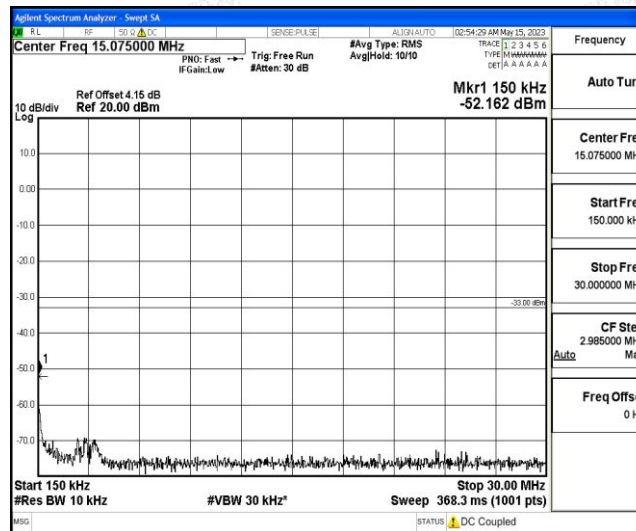


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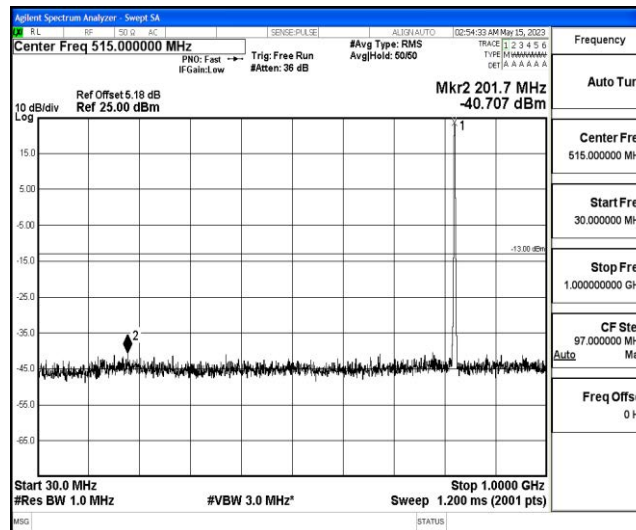
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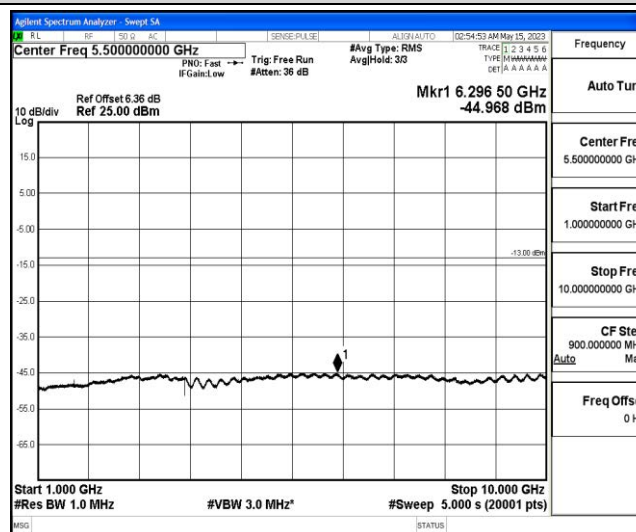
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Band5-1.4MHz-QPSK-20407-1RB#0-Range3:30~1000MHz

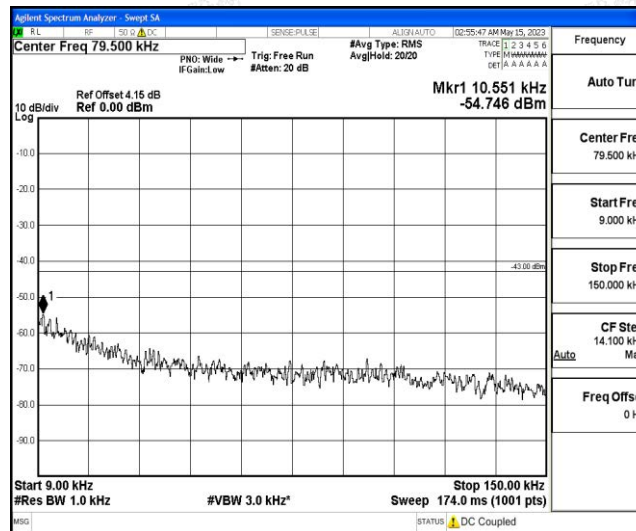


Band5-1.4MHz-QPSK-20407-1RB#0-Range4:1000~10000MHz

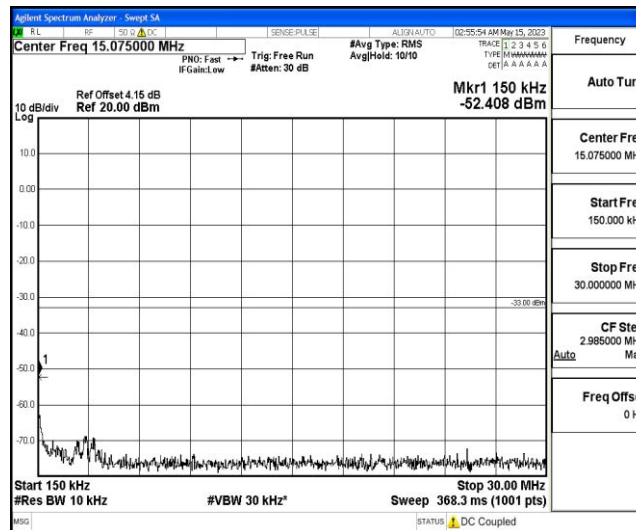


Band5-1.4MHz-QPSK-20525-1RB#0-Range1:0.009~0.15MHz

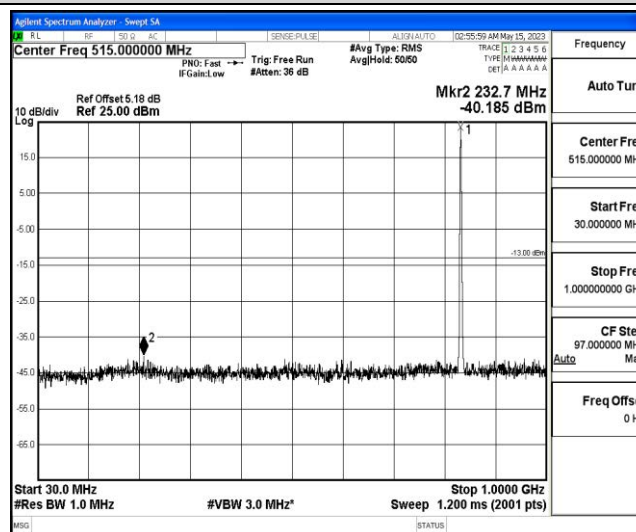




Band5-1.4MHz-QPSK-20525-1RB#0-Range2:0.15~30MHz



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



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

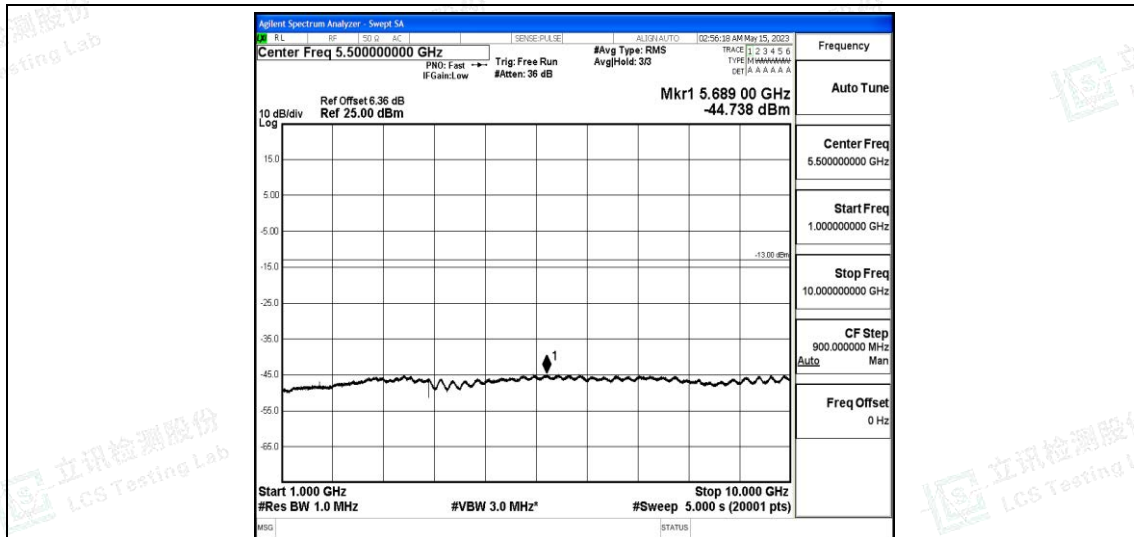


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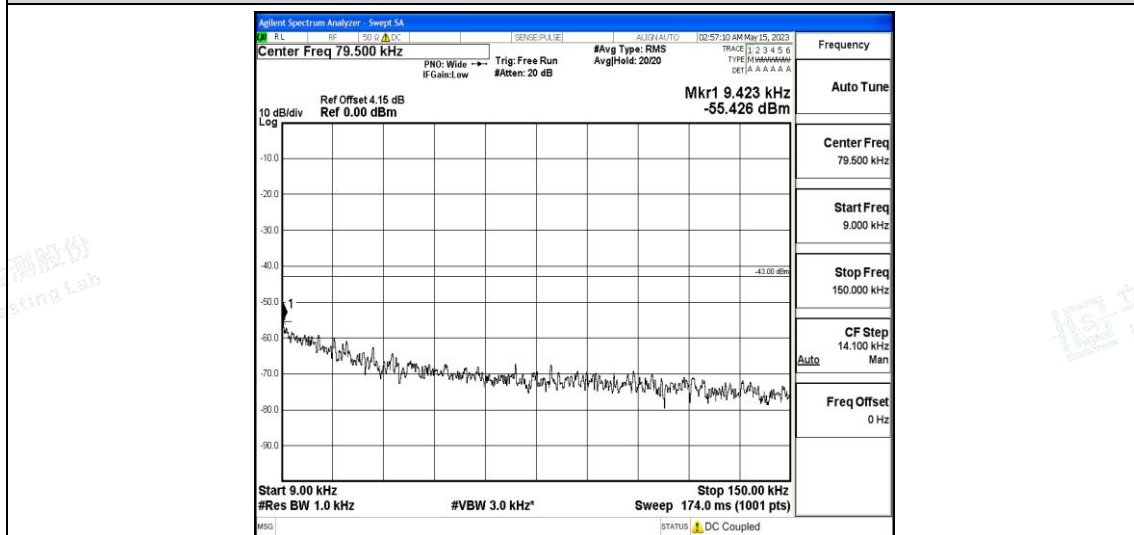
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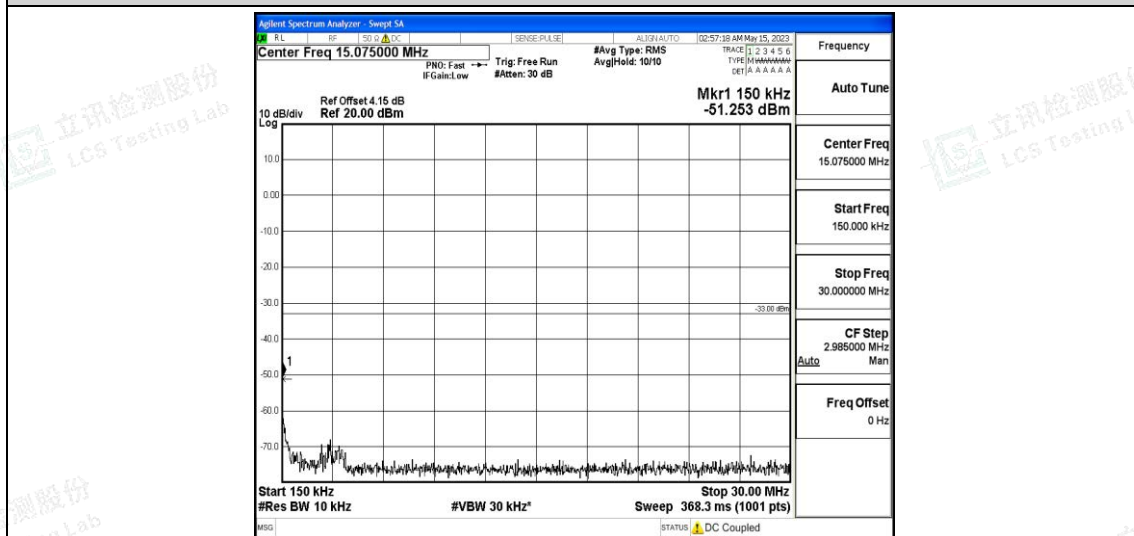
Scan code to check authenticity



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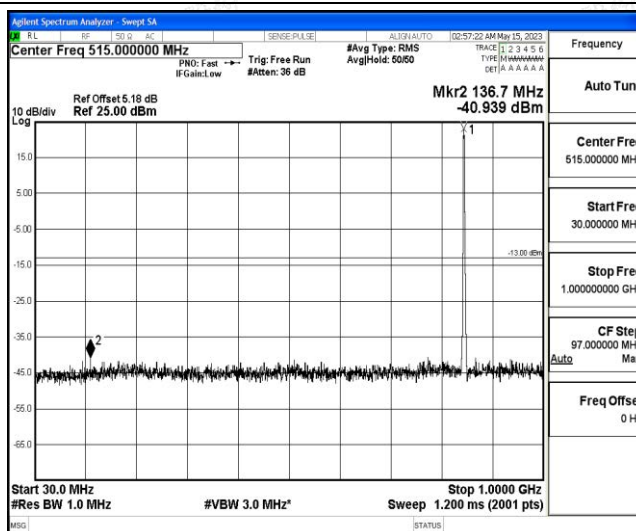


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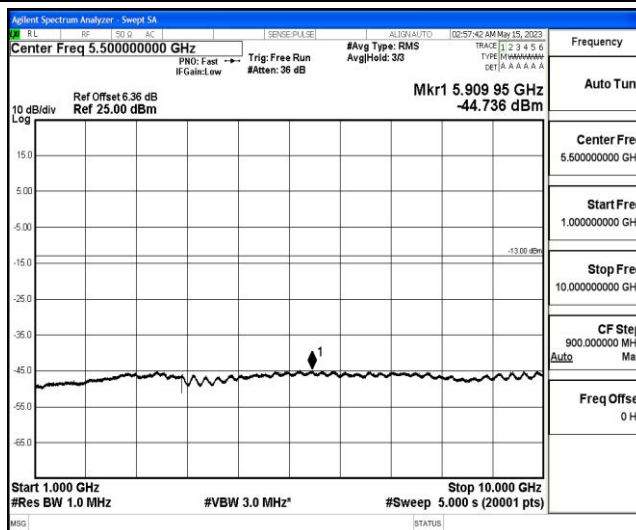


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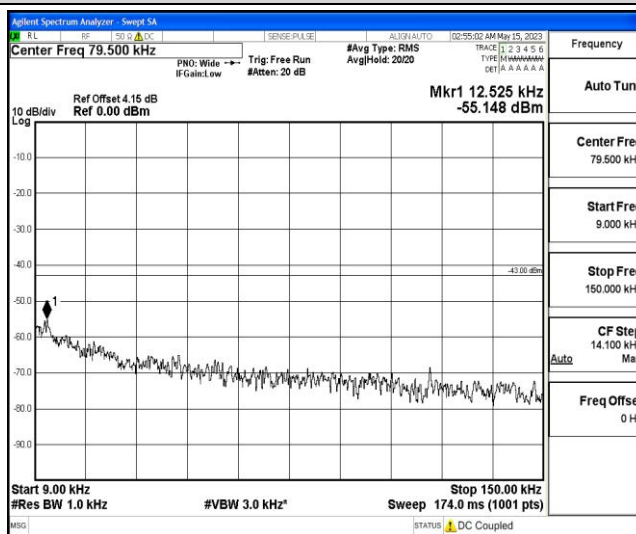




Band5-1.4MHz-QPSK-20643-1RB#0-Range4:1000~10000MHz



Band5-1.4MHz-16QAM-20407-1RB#0-Range1:0.009~0.15MHz



Band5-1.4MHz-16QAM-20407-1RB#0-Range2:0.15~30MHz

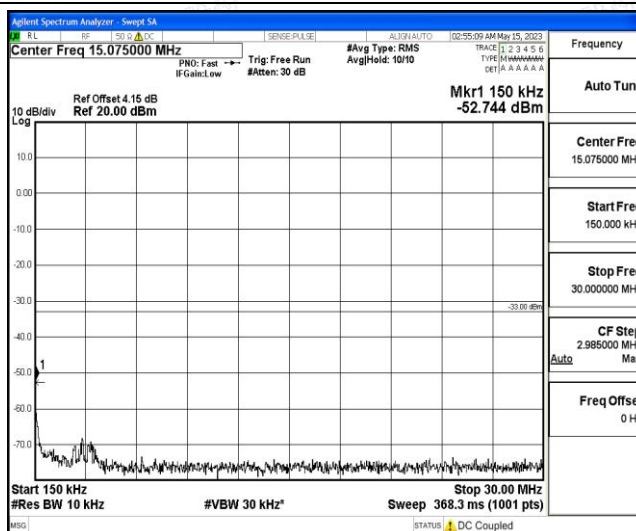


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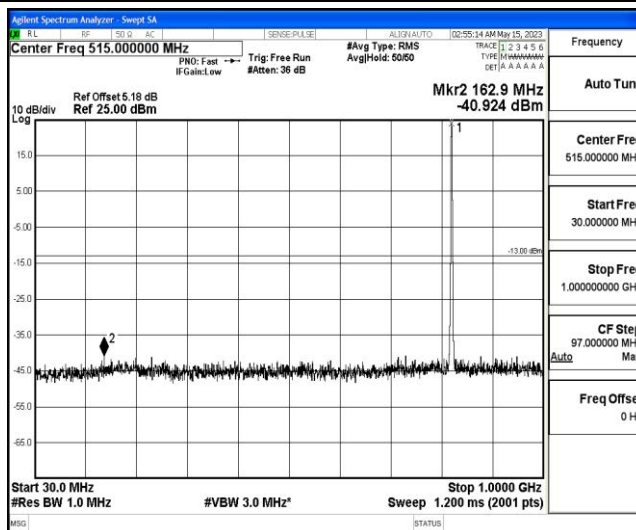
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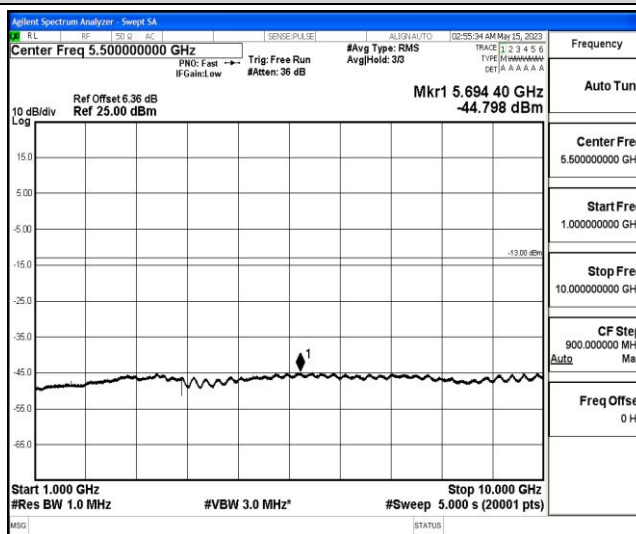
Scan code to check authenticity



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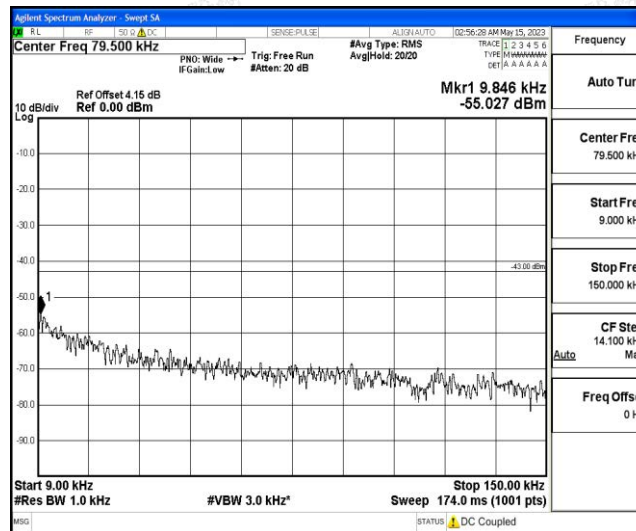


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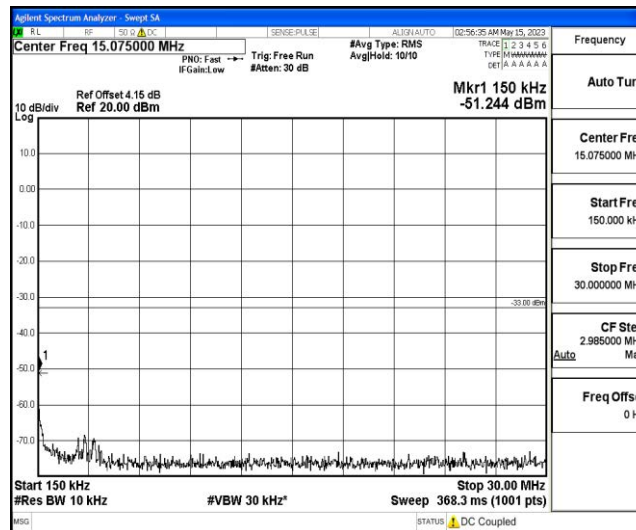


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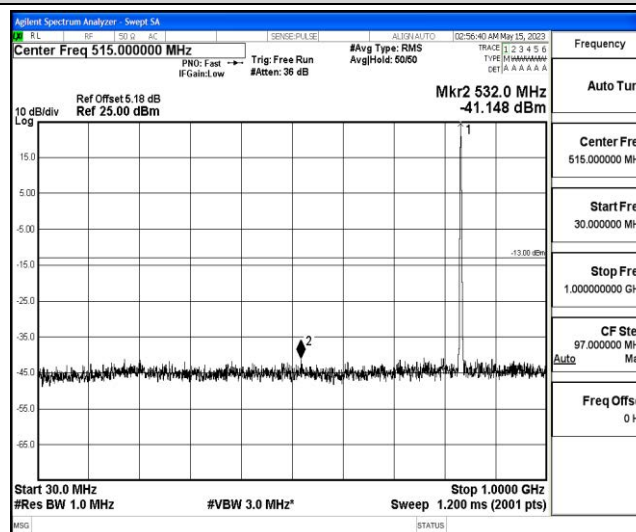




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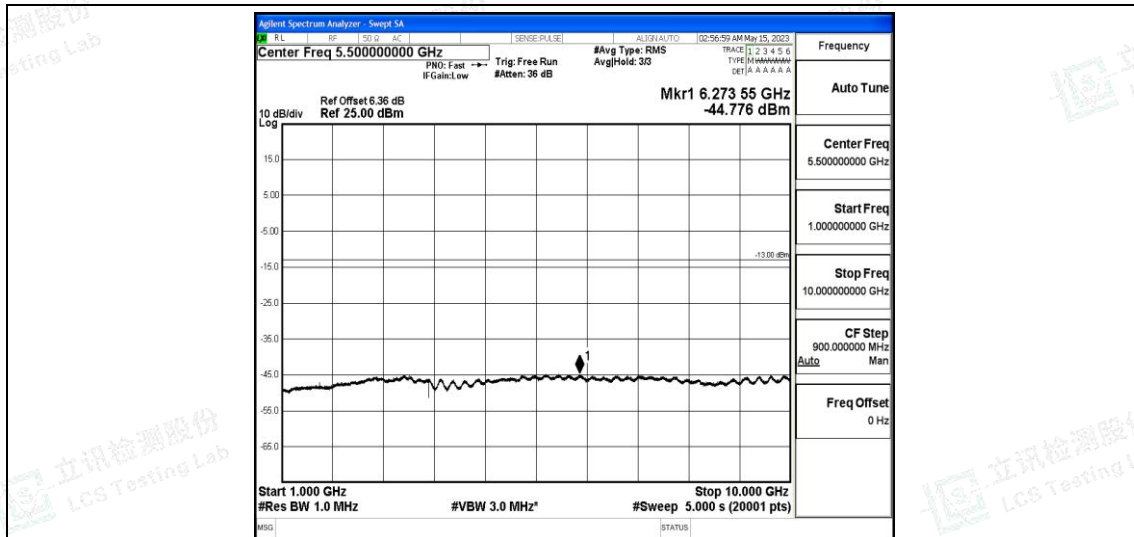


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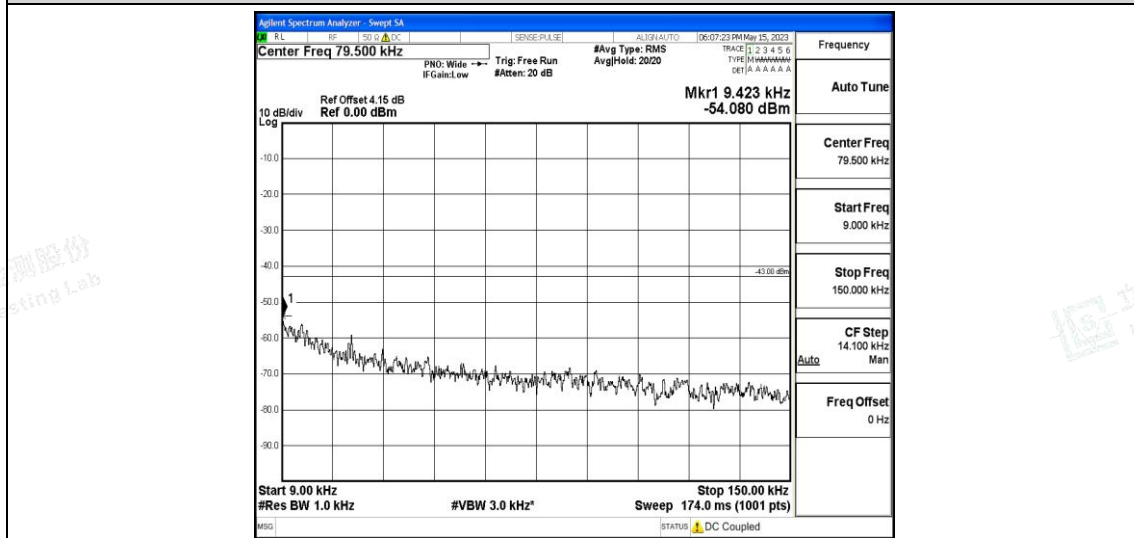


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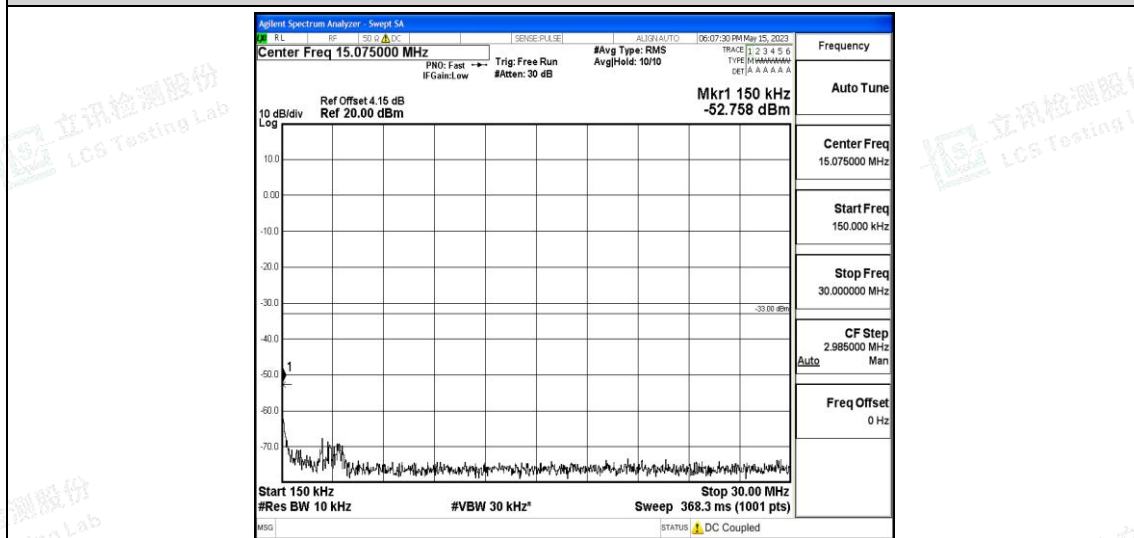




Band5-1.4MHz-16QAM-20643-1RB#0-Range1:0.009~0.15MHz



Band5-1.4MHz-16QAM-20643-1RB#0-Range2:0.15~30MHz



Band5-1.4MHz-16QAM-20643-1RB#0-Range3:30~1000MHz

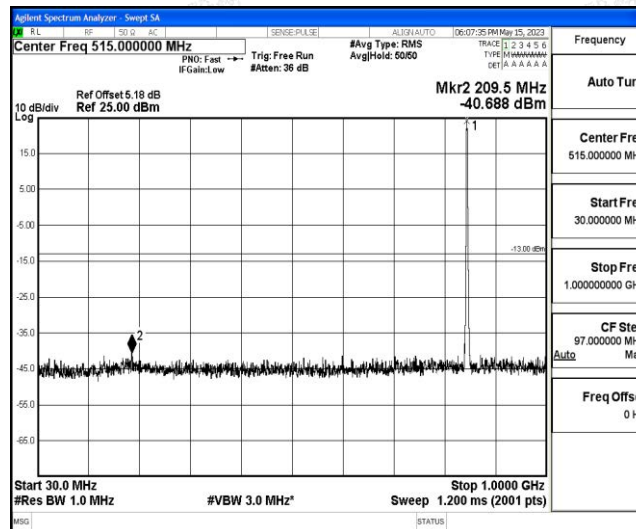


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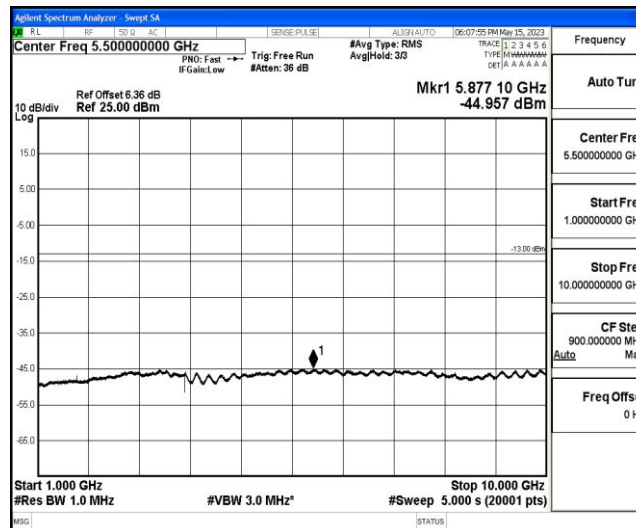
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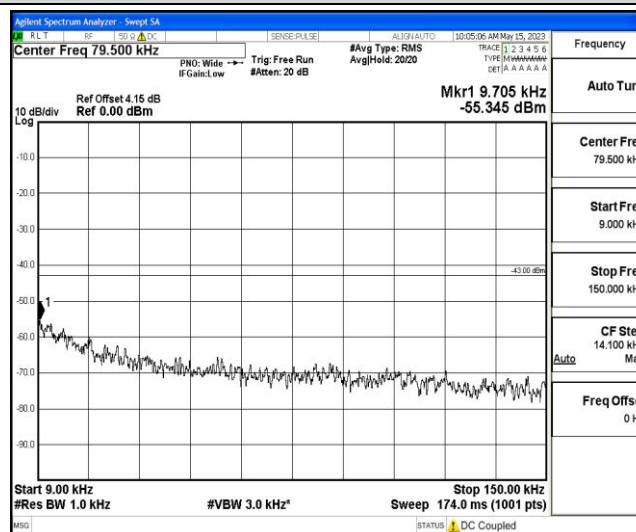
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Band5-1.4MHz-16QAM-20643-1RB#0-Range4:1000~10000MHz



Band5-3MHz-QPSK-20415-1RB#0-Range1:0.009~0.15MHz



Band5-3MHz-QPSK-20415-1RB#0-Range2:0.15~30MHz

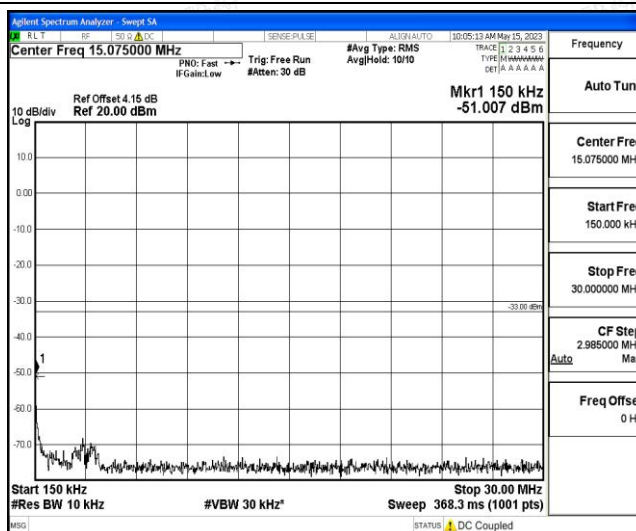


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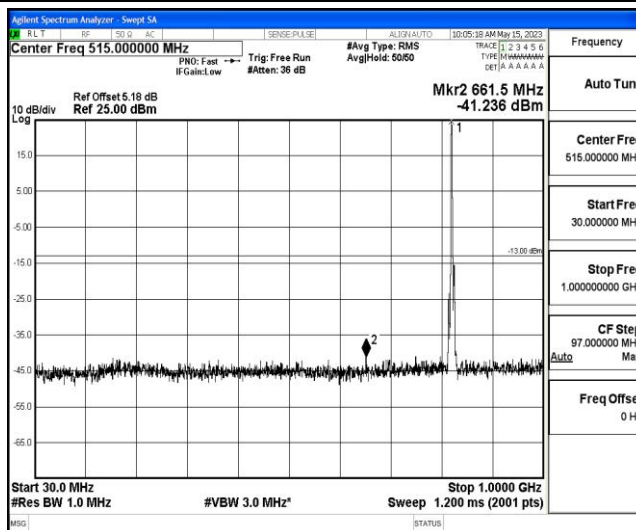
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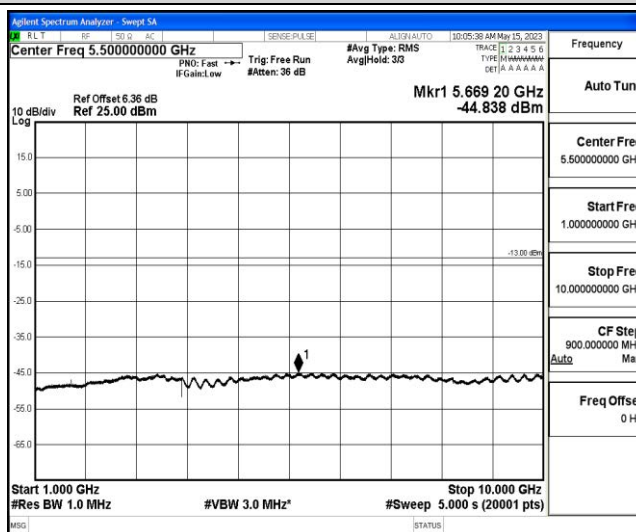
Scan code to check authenticity



Band5-3MHz-QPSK-20415-1RB#0-Range3:30~1000MHz

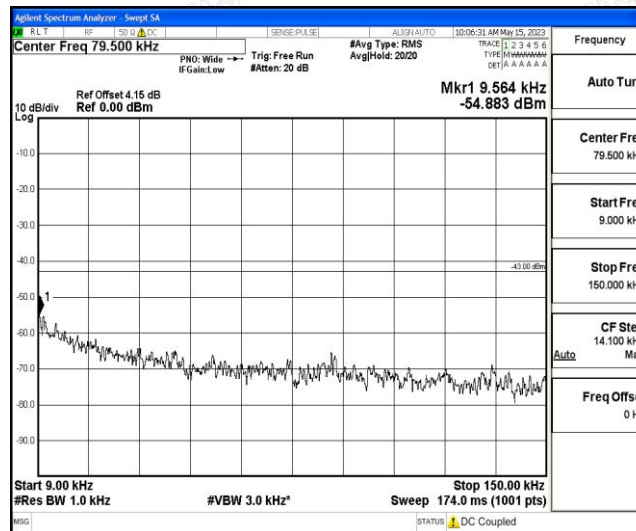


Band5-3MHz-QPSK-20415-1RB#0-Range4:1000~10000MHz

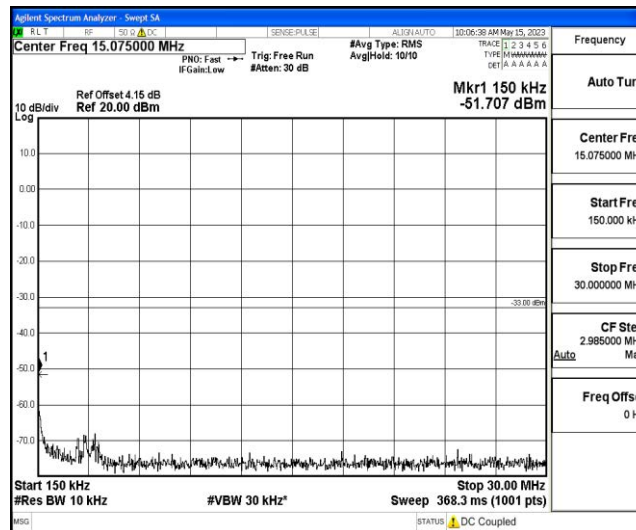


Band5-3MHz-QPSK-20525-1RB#0-Range1:0.009~0.15MHz

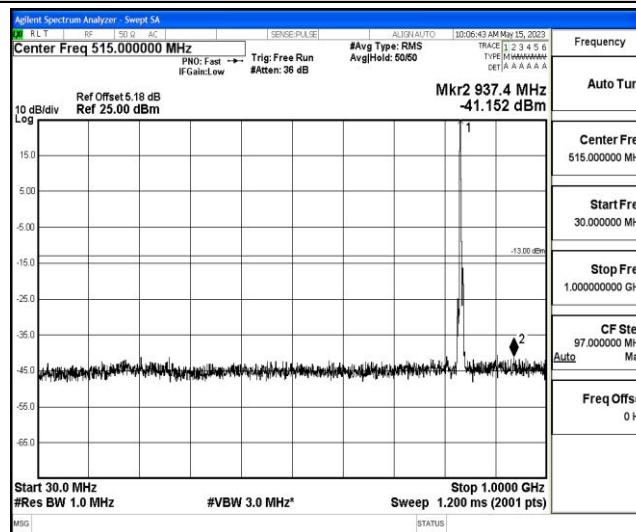




Band5-3MHz-QPSK-20525-1RB#0-Range2:0.15~30MHz



Band5-3MHz-QPSK-20525-1RB#0-Range3:30~1000MHz



Band5-3MHz-QPSK-20525-1RB#0-Range4:1000~10000MHz

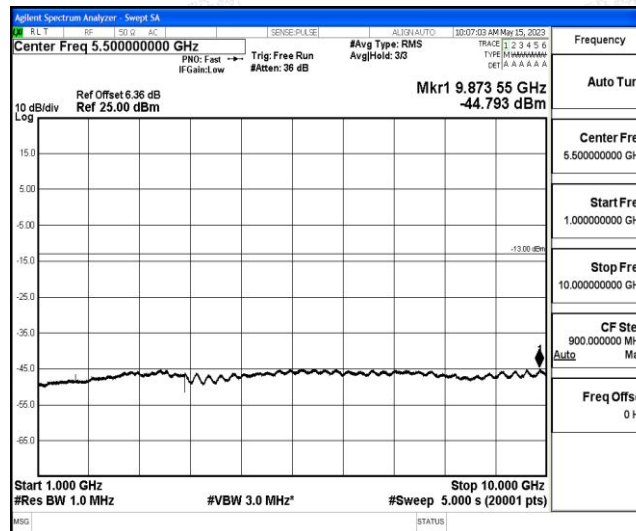


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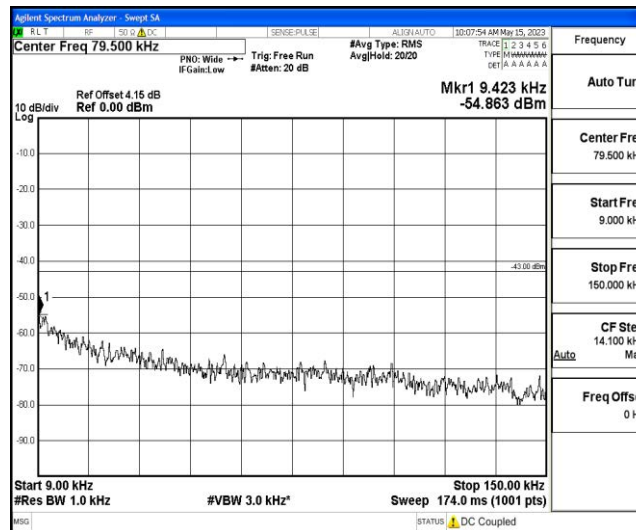
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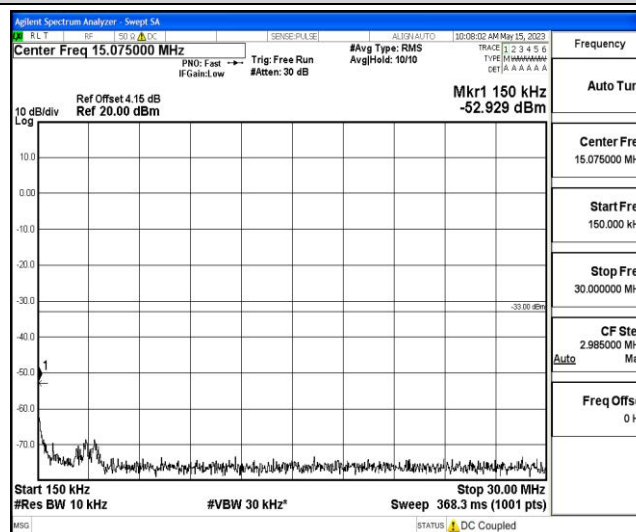
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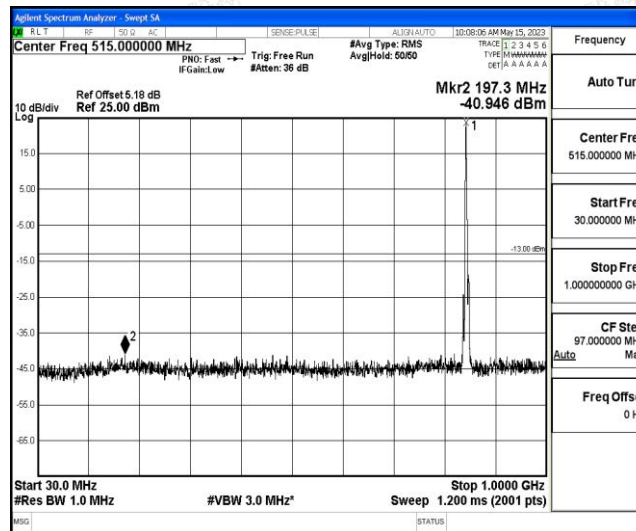


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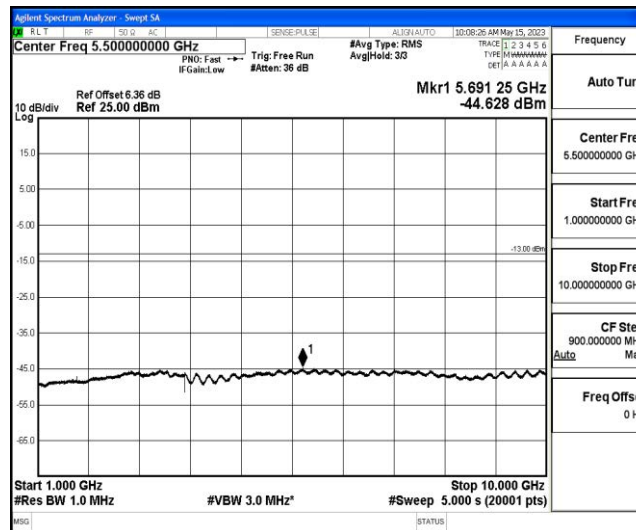


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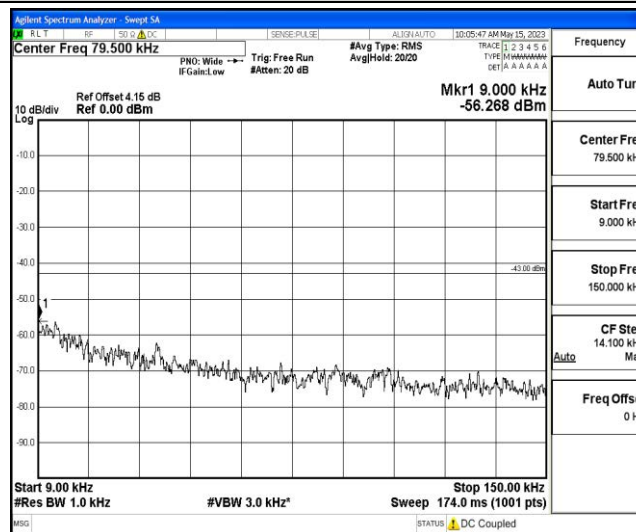




Band5-3MHz-QPSK-20635-1RB#0-Range4:1000~10000MHz



Band5-3MHz-16QAM-20415-1RB#0-Range1:0.009~0.15MHz



Band5-3MHz-16QAM-20415-1RB#0-Range2:0.15~30MHz

