



Appendix I: Test Data for E-UTRA Band 7

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





I.1 Conducted Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	20.76	PASS
Band7	5MHz	QPSK	20775	1RB#12	20.99	PASS
Band7	5MHz	QPSK	20775	1RB#24	20.88	PASS
Band7	5MHz	QPSK	20775	12RB#0	19.90	PASS
Band7	5MHz	QPSK	20775	12RB#6	19.89	PASS
Band7	5MHz	QPSK	20775	12RB#13	19.99	PASS
Band7	5MHz	QPSK	20775	25RB#0	19.94	PASS
Band7	5MHz	QPSK	21100	1RB#0	21.11	PASS
Band7	5MHz	QPSK	21100	1RB#12	21.19	PASS
Band7	5MHz	QPSK	21100	1RB#24	20.96	PASS
Band7	5MHz	QPSK	21100	12RB#0	20.10	PASS
Band7	5MHz	QPSK	21100	12RB#6	20.09	PASS
Band7	5MHz	QPSK	21100	12RB#13	20.13	PASS
Band7	5MHz	QPSK	21100	25RB#0	20.13	PASS
Band7	5MHz	QPSK	21425	1RB#0	21.15	PASS
Band7	5MHz	QPSK	21425	1RB#12	21.28	PASS
Band7	5MHz	QPSK	21425	1RB#24	21.12	PASS
Band7	5MHz	QPSK	21425	12RB#0	20.20	PASS
Band7	5MHz	QPSK	21425	12RB#6	20.22	PASS
Band7	5MHz	QPSK	21425	12RB#13	20.25	PASS
Band7	5MHz	QPSK	21425	25RB#0	20.23	PASS
Band7	5MHz	16QAM	20775	1RB#0	19.81	PASS
Band7	5MHz	16QAM	20775	1RB#12	20.00	PASS
Band7	5MHz	16QAM	20775	1RB#24	19.90	PASS
Band7	5MHz	16QAM	20775	12RB#0	18.91	PASS
Band7	5MHz	16QAM	20775	12RB#6	18.90	PASS
Band7	5MHz	16QAM	20775	12RB#13	18.97	PASS
Band7	5MHz	16QAM	20775	25RB#0	18.94	PASS
Band7	5MHz	16QAM	21100	1RB#0	20.13	PASS
Band7	5MHz	16QAM	21100	1RB#12	20.20	PASS
Band7	5MHz	16QAM	21100	1RB#24	19.92	PASS





Band7	5MHz	16QAM	21100	12RB#0	19.16	PASS
Band7	5MHz	16QAM	21100	12RB#6	19.07	PASS
Band7	5MHz	16QAM	21100	12RB#13	19.15	PASS
Band7	5MHz	16QAM	21100	25RB#0	19.14	PASS
Band7	5MHz	16QAM	21425	1RB#0	20.35	PASS
Band7	5MHz	16QAM	21425	1RB#12	20.47	PASS
Band7	5MHz	16QAM	21425	1RB#24	20.29	PASS
Band7	5MHz	16QAM	21425	12RB#0	19.24	PASS
Band7	5MHz	16QAM	21425	12RB#6	19.24	PASS
Band7	5MHz	16QAM	21425	12RB#13	19.25	PASS
Band7	5MHz	16QAM	21425	25RB#0	19.22	PASS
Band7	10MHz	QPSK	20800	1RB#0	20.83	PASS
Band7	10MHz	QPSK	20800	1RB#24	21.11	PASS
Band7	10MHz	QPSK	20800	1RB#49	21.13	PASS
Band7	10MHz	QPSK	20800	25RB#0	20.06	PASS
Band7	10MHz	QPSK	20800	25RB#12	20.03	PASS
Band7	10MHz	QPSK	20800	25RB#25	20.03	PASS
Band7	10MHz	QPSK	20800	50RB#0	20.05	PASS
Band7	10MHz	QPSK	21100	1RB#0	21.21	PASS
Band7	10MHz	QPSK	21100	1RB#24	21.19	PASS
Band7	10MHz	QPSK	21100	1RB#49	20.89	PASS
Band7	10MHz	QPSK	21100	25RB#0	20.14	PASS
Band7	10MHz	QPSK	21100	25RB#12	20.15	PASS
Band7	10MHz	QPSK	21100	25RB#25	20.20	PASS
Band7	10MHz	QPSK	21100	50RB#0	20.19	PASS
Band7	10MHz	QPSK	21400	1RB#0	21.18	PASS
Band7	10MHz	QPSK	21400	1RB#24	21.18	PASS
Band7	10MHz	QPSK	21400	1RB#49	21.11	PASS
Band7	10MHz	QPSK	21400	25RB#0	20.26	PASS
Band7	10MHz	QPSK	21400	25RB#12	20.23	PASS
Band7	10MHz	QPSK	21400	25RB#25	20.33	PASS
Band7	10MHz	QPSK	21400	50RB#0	20.21	PASS
Band7	10MHz	16QAM	20800	1RB#0	20.07	PASS
Band7	10MHz	16QAM	20800	1RB#24	20.30	PASS
Band7	10MHz	16QAM	20800	1RB#49	20.27	PASS





Band7	10MHz	16QAM	20800	25RB#0	19.07	PASS
Band7	10MHz	16QAM	20800	25RB#12	19.03	PASS
Band7	10MHz	16QAM	20800	25RB#25	19.09	PASS
Band7	10MHz	16QAM	20800	50RB#0	19.02	PASS
Band7	10MHz	16QAM	21100	1RB#0	20.37	PASS
Band7	10MHz	16QAM	21100	1RB#24	20.36	PASS
Band7	10MHz	16QAM	21100	1RB#49	20.04	PASS
Band7	10MHz	16QAM	21100	25RB#0	19.16	PASS
Band7	10MHz	16QAM	21100	25RB#12	19.15	PASS
Band7	10MHz	16QAM	21100	25RB#25	19.21	PASS
Band7	10MHz	16QAM	21100	50RB#0	19.13	PASS
Band7	10MHz	16QAM	21400	1RB#0	20.32	PASS
Band7	10MHz	16QAM	21400	1RB#24	20.42	PASS
Band7	10MHz	16QAM	21400	1RB#49	20.22	PASS
Band7	10MHz	16QAM	21400	25RB#0	19.27	PASS
Band7	10MHz	16QAM	21400	25RB#12	19.30	PASS
Band7	10MHz	16QAM	21400	25RB#25	19.41	PASS
Band7	10MHz	16QAM	21400	50RB#0	19.32	PASS
Band7	15MHz	QPSK	20825	1RB#0	20.81	PASS
Band7	15MHz	QPSK	20825	1RB#38	21.10	PASS
Band7	15MHz	QPSK	20825	1RB#74	21.20	PASS
Band7	15MHz	QPSK	20825	38RB#0	20.22	PASS
Band7	15MHz	QPSK	20825	38RB#18	20.19	PASS
Band7	15MHz	QPSK	20825	38RB#37	20.19	PASS
Band7	15MHz	QPSK	20825	75RB#0	20.20	PASS
Band7	15MHz	QPSK	21100	1RB#0	21.27	PASS
Band7	15MHz	QPSK	21100	1RB#38	21.09	PASS
Band7	15MHz	QPSK	21100	1RB#74	20.80	PASS
Band7	15MHz	QPSK	21100	38RB#0	20.20	PASS
Band7	15MHz	QPSK	21100	38RB#18	20.20	PASS
Band7	15MHz	QPSK	21100	38RB#37	20.21	PASS
Band7	15MHz	QPSK	21100	75RB#0	20.15	PASS
Band7	15MHz	QPSK	21375	1RB#0	21.05	PASS
Band7	15MHz	QPSK	21375	1RB#38	21.25	PASS
Band7	15MHz	QPSK	21375	1RB#74	21.15	PASS





Band7	15MHz	QPSK	21375	38RB#0	20.32	PASS
Band7	15MHz	QPSK	21375	38RB#18	20.33	PASS
Band7	15MHz	QPSK	21375	38RB#37	20.34	PASS
Band7	15MHz	QPSK	21375	75RB#0	20.34	PASS
Band7	15MHz	16QAM	20825	1RB#0	20.01	PASS
Band7	15MHz	16QAM	20825	1RB#38	20.28	PASS
Band7	15MHz	16QAM	20825	1RB#74	20.40	PASS
Band7	15MHz	16QAM	20825	38RB#0	20.18	PASS
Band7	15MHz	16QAM	20825	38RB#18	20.19	PASS
Band7	15MHz	16QAM	20825	38RB#37	20.20	PASS
Band7	15MHz	16QAM	20825	75RB#0	19.15	PASS
Band7	15MHz	16QAM	21100	1RB#0	20.47	PASS
Band7	15MHz	16QAM	21100	1RB#38	20.20	PASS
Band7	15MHz	16QAM	21100	1RB#74	19.97	PASS
Band7	15MHz	16QAM	21100	38RB#0	20.22	PASS
Band7	15MHz	16QAM	21100	38RB#18	20.22	PASS
Band7	15MHz	16QAM	21100	38RB#37	20.17	PASS
Band7	15MHz	16QAM	21100	75RB#0	19.13	PASS
Band7	15MHz	16QAM	21375	1RB#0	20.36	PASS
Band7	15MHz	16QAM	21375	1RB#38	20.51	PASS
Band7	15MHz	16QAM	21375	1RB#74	20.29	PASS
Band7	15MHz	16QAM	21375	38RB#0	20.37	PASS
Band7	15MHz	16QAM	21375	38RB#18	20.31	PASS
Band7	15MHz	16QAM	21375	38RB#37	20.35	PASS
Band7	15MHz	16QAM	21375	75RB#0	19.33	PASS
Band7	20MHz	QPSK	20850	1RB#0	20.85	PASS
Band7	20MHz	QPSK	20850	1RB#49	21.41	PASS
Band7	20MHz	QPSK	20850	1RB#99	21.27	PASS
Band7	20MHz	QPSK	20850	50RB#0	20.20	PASS
Band7	20MHz	QPSK	20850	50RB#25	20.16	PASS
Band7	20MHz	QPSK	20850	50RB#50	20.17	PASS
Band7	20MHz	QPSK	20850	100RB#0	20.22	PASS
Band7	20MHz	QPSK	21100	1RB#0	21.41	PASS
Band7	20MHz	QPSK	21100	1RB#49	21.29	PASS
Band7	20MHz	QPSK	21100	1RB#99	20.81	PASS





Band7	20MHz	QPSK	21100	50RB#0	20.15	PASS
Band7	20MHz	QPSK	21100	50RB#25	20.15	PASS
Band7	20MHz	QPSK	21100	50RB#50	20.10	PASS
Band7	20MHz	QPSK	21100	100RB#0	20.07	PASS
Band7	20MHz	QPSK	21350	1RB#0	20.96	PASS
Band7	20MHz	QPSK	21350	1RB#49	21.37	PASS
Band7	20MHz	QPSK	21350	1RB#99	21.07	PASS
Band7	20MHz	QPSK	21350	50RB#0	20.28	PASS
Band7	20MHz	QPSK	21350	50RB#25	20.29	PASS
Band7	20MHz	QPSK	21350	50RB#50	20.28	PASS
Band7	20MHz	QPSK	21350	100RB#0	20.24	PASS
Band7	20MHz	16QAM	20850	1RB#0	19.90	PASS
Band7	20MHz	16QAM	20850	1RB#49	20.48	PASS
Band7	20MHz	16QAM	20850	1RB#99	20.34	PASS
Band7	20MHz	16QAM	20850	50RB#0	19.21	PASS
Band7	20MHz	16QAM	20850	50RB#25	19.19	PASS
Band7	20MHz	16QAM	20850	50RB#50	19.20	PASS
Band7	20MHz	16QAM	20850	100RB#0	19.19	PASS
Band7	20MHz	16QAM	21100	1RB#0	20.43	PASS
Band7	20MHz	16QAM	21100	1RB#49	20.32	PASS
Band7	20MHz	16QAM	21100	1RB#99	19.84	PASS
Band7	20MHz	16QAM	21100	50RB#0	19.11	PASS
Band7	20MHz	16QAM	21100	50RB#25	19.15	PASS
Band7	20MHz	16QAM	21100	50RB#50	19.13	PASS
Band7	20MHz	16QAM	21100	100RB#0	19.13	PASS
Band7	20MHz	16QAM	21350	1RB#0	20.14	PASS
Band7	20MHz	16QAM	21350	1RB#49	20.51	PASS
Band7	20MHz	16QAM	21350	1RB#99	20.17	PASS
Band7	20MHz	16QAM	21350	50RB#0	19.32	PASS
Band7	20MHz	16QAM	21350	50RB#25	19.31	PASS
Band7	20MHz	16QAM	21350	50RB#50	19.38	PASS
Band7	20MHz	16QAM	21350	100RB#0	19.29	PASS





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

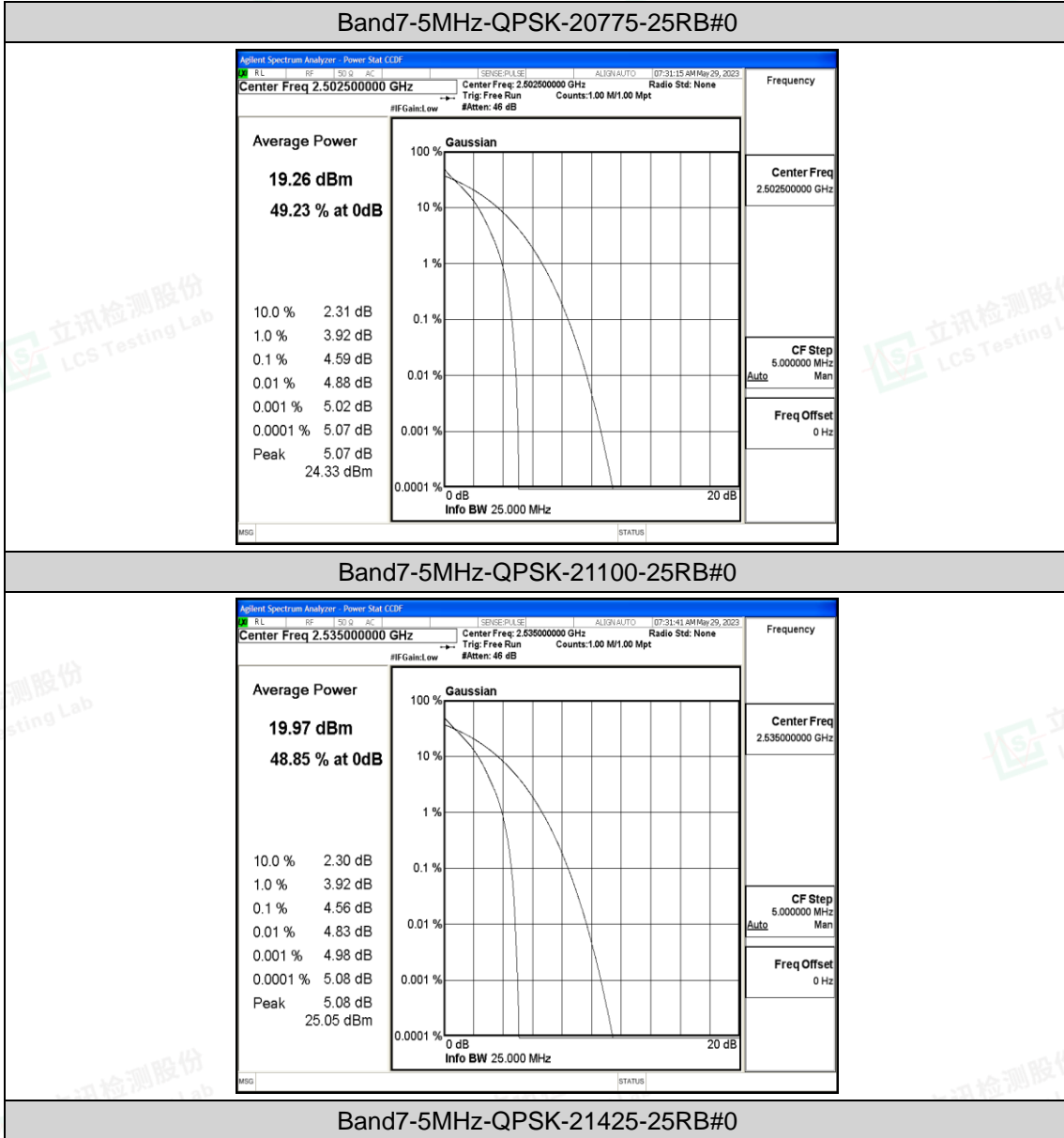
Test Result

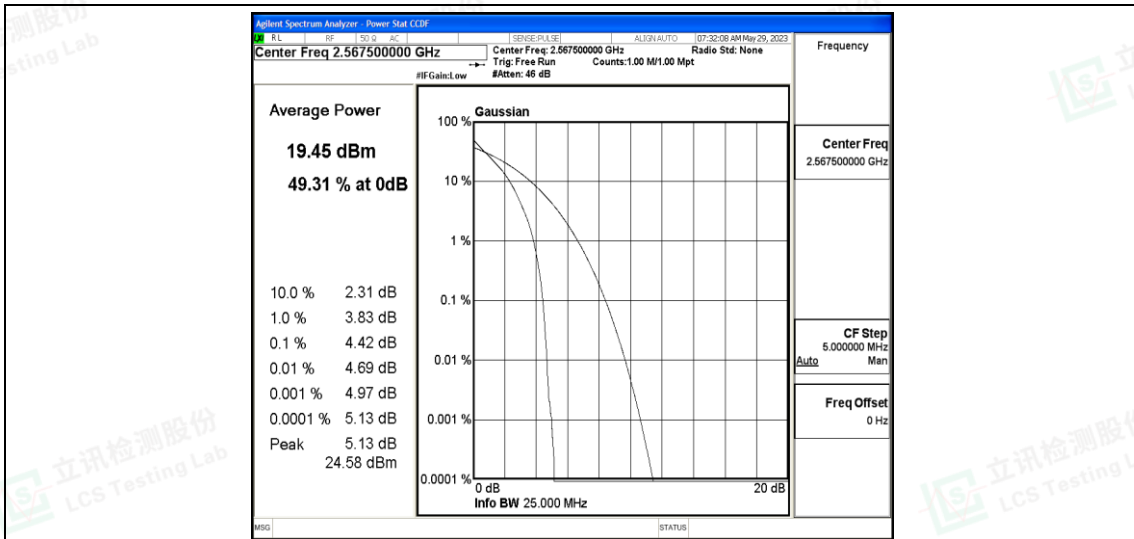
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	4.59	13	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.56	13	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.42	13	PASS
Band7	5MHz	16QAM	20775	25RB#0	5.41	13	PASS
Band7	5MHz	16QAM	21100	25RB#0	5.43	13	PASS
Band7	5MHz	16QAM	21425	25RB#0	5.31	13	PASS
Band7	10MHz	QPSK	20800	50RB#0	4.74	13	PASS
Band7	10MHz	QPSK	21100	50RB#0	4.62	13	PASS
Band7	10MHz	QPSK	21400	50RB#0	4.86	13	PASS
Band7	10MHz	16QAM	20800	50RB#0	5.57	13	PASS
Band7	10MHz	16QAM	21100	50RB#0	5.51	13	PASS
Band7	10MHz	16QAM	21400	50RB#0	5.73	13	PASS
Band7	15MHz	QPSK	20825	75RB#0	5.23	13	PASS
Band7	15MHz	QPSK	21100	75RB#0	5.03	13	PASS
Band7	15MHz	QPSK	21375	75RB#0	5.45	13	PASS
Band7	15MHz	16QAM	20825	75RB#0	5.86	13	PASS
Band7	15MHz	16QAM	21100	75RB#0	5.74	13	PASS
Band7	15MHz	16QAM	21375	75RB#0	6.08	13	PASS
Band7	20MHz	QPSK	20850	100RB#0	5.27	13	PASS
Band7	20MHz	QPSK	21100	100RB#0	5.09	13	PASS
Band7	20MHz	QPSK	21350	100RB#0	5.39	13	PASS
Band7	20MHz	16QAM	20850	100RB#0	6.03	13	PASS
Band7	20MHz	16QAM	21100	100RB#0	5.83	13	PASS
Band7	20MHz	16QAM	21350	100RB#0	6.13	13	PASS



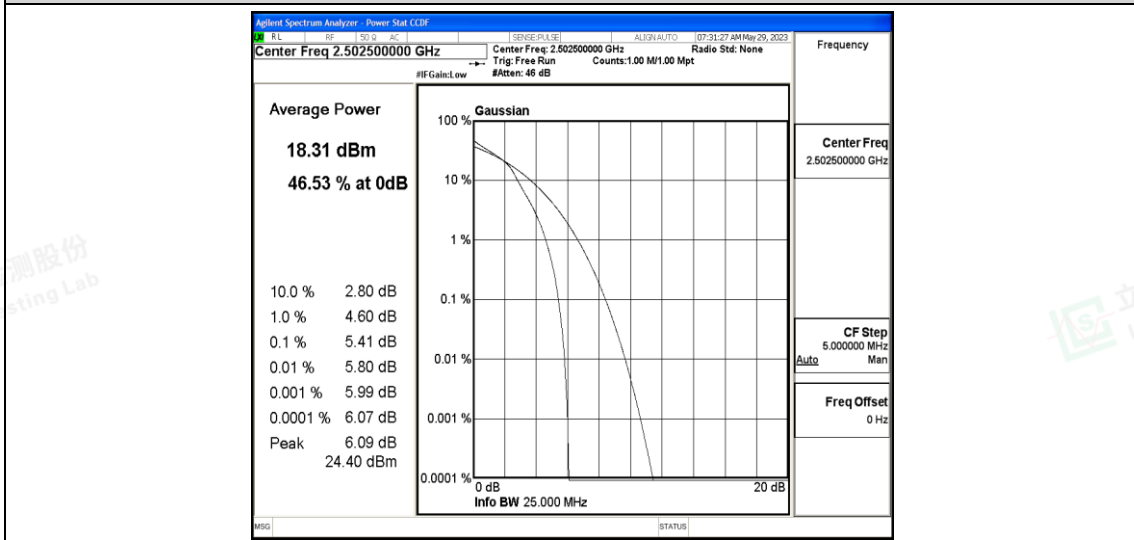


Test Graphs

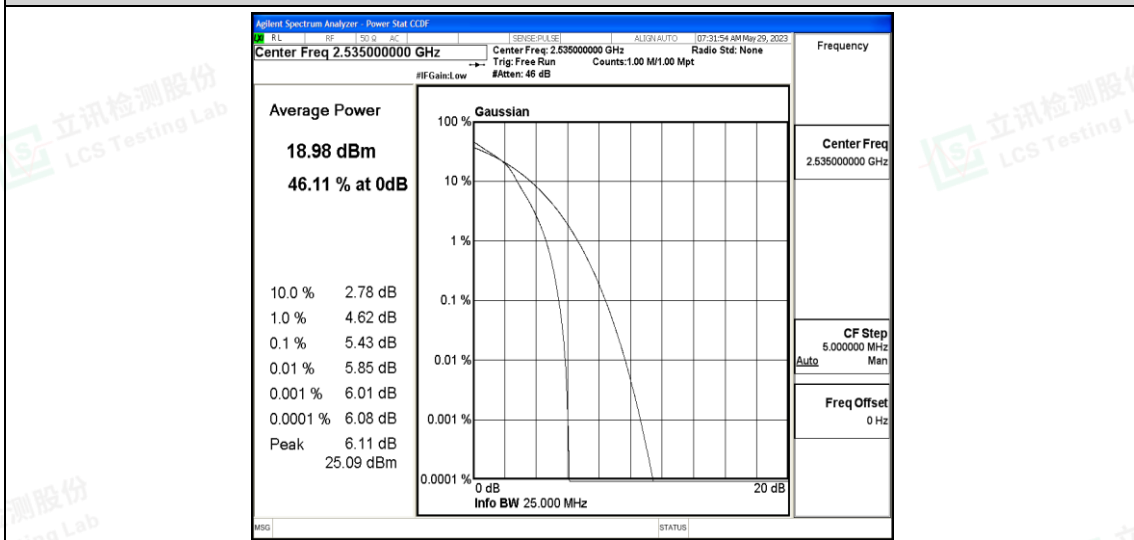




Band7-5MHz-16QAM-20775-25RB#0

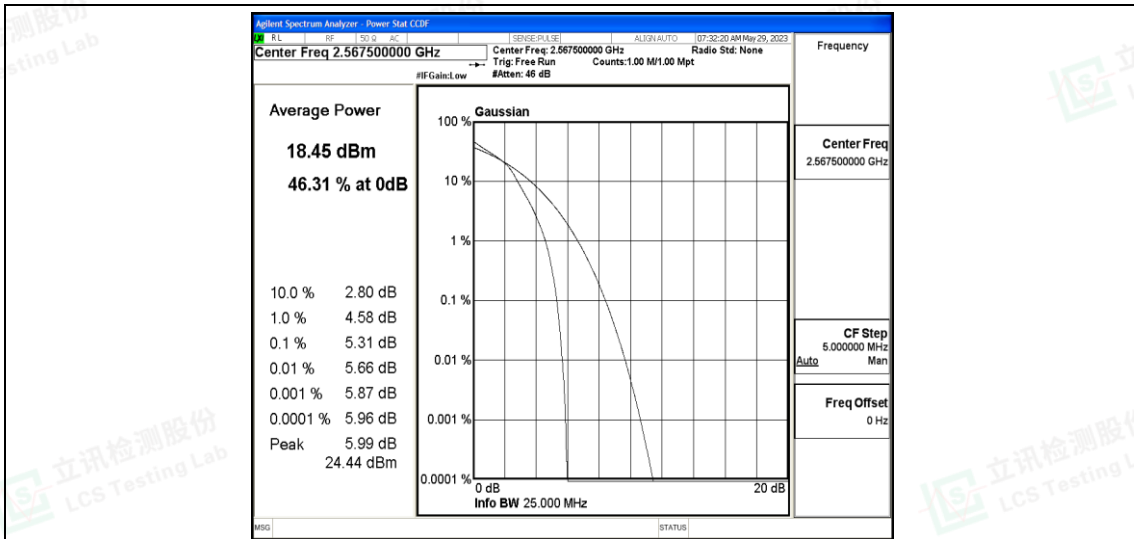


Band7-5MHz-16QAM-21100-25RB#0

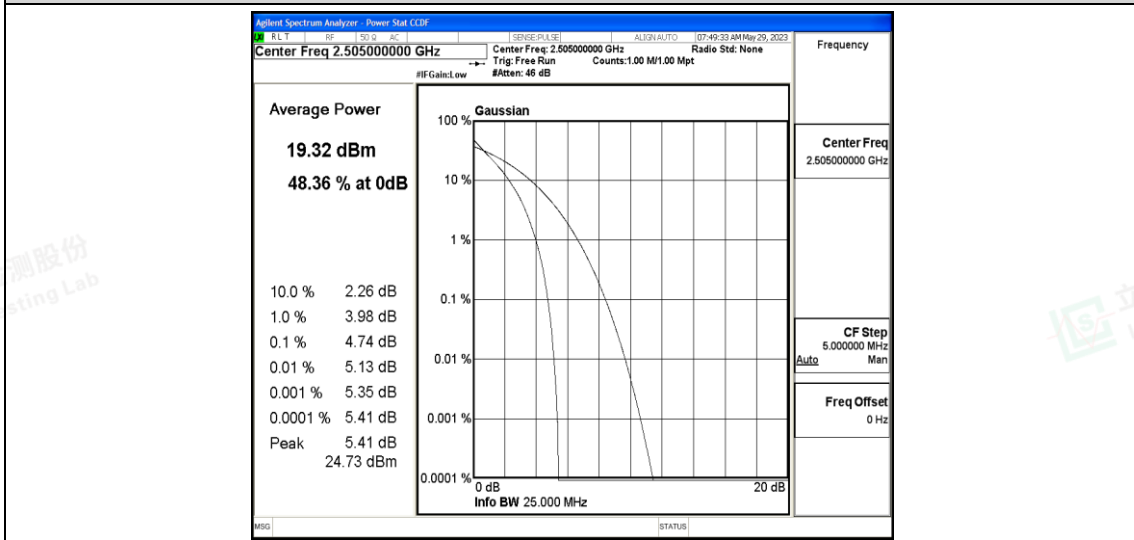


Band7-5MHz-16QAM-21425-25RB#0

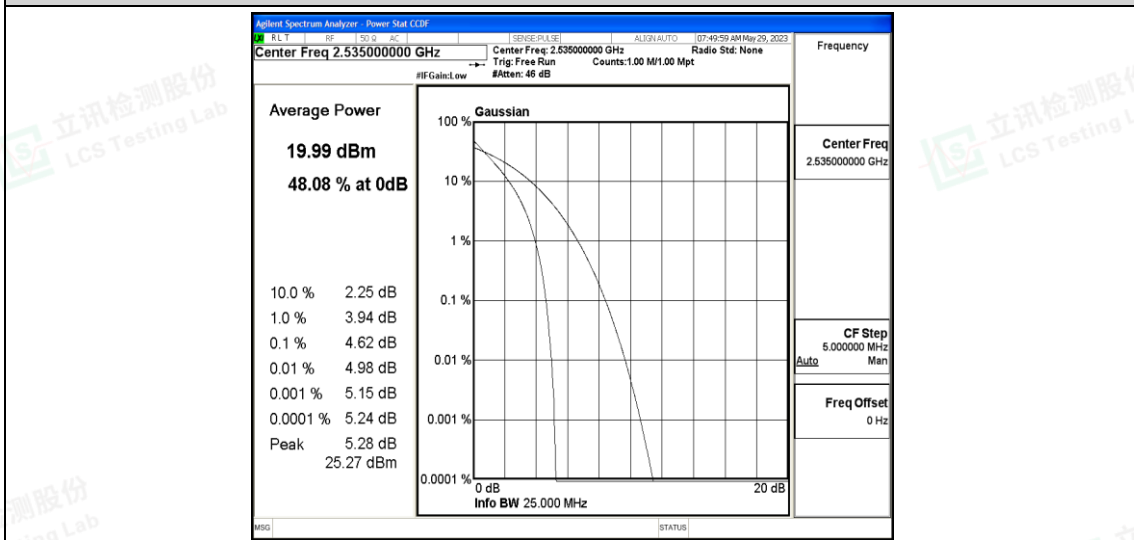




Band7-10MHz-QPSK-20800-50RB#0

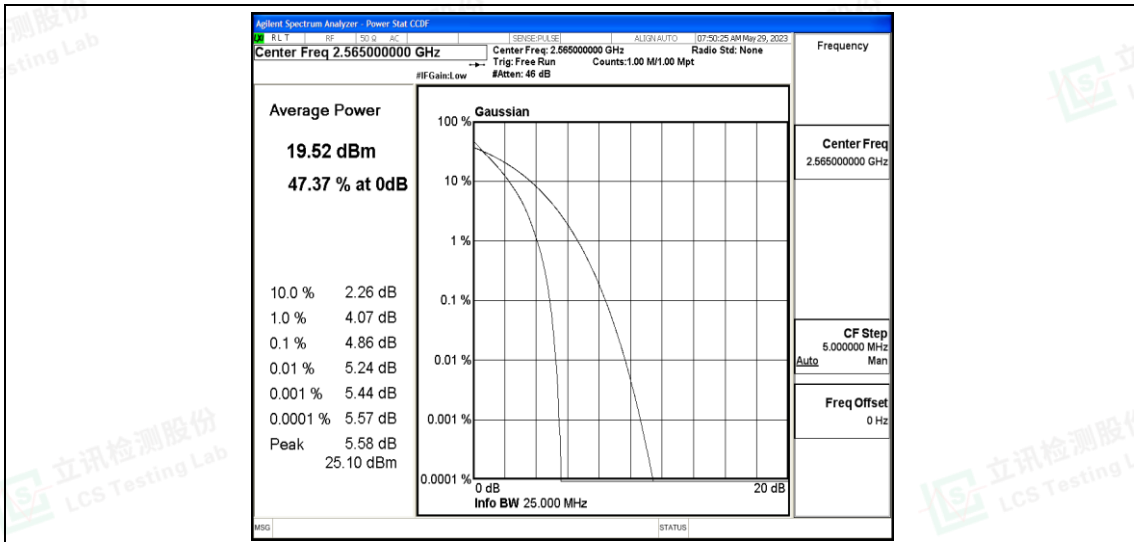


Band7-10MHz-QPSK-21100-50RB#0

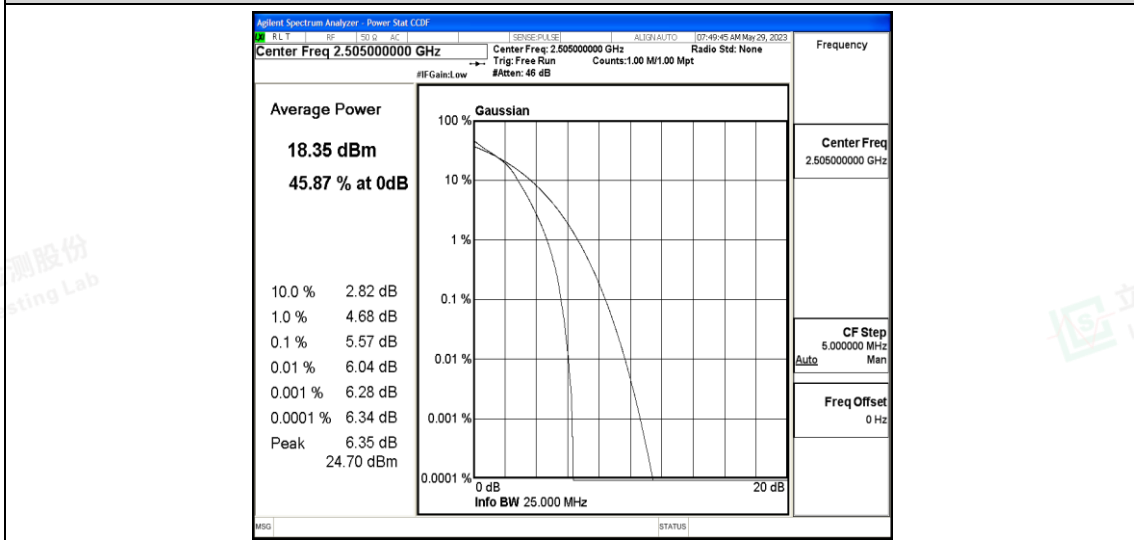


Band7-10MHz-QPSK-21400-50RB#0

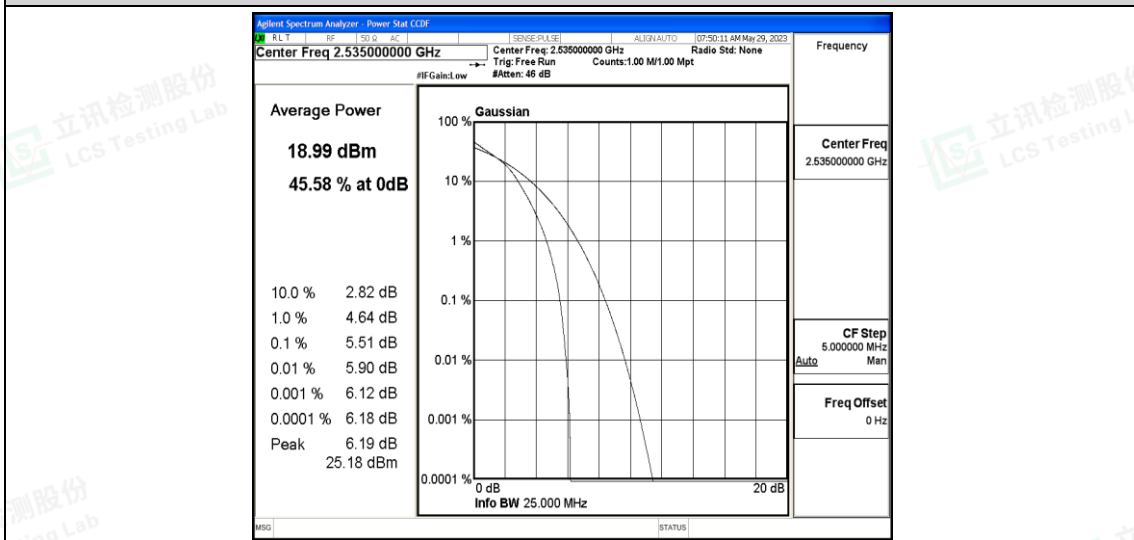




Band7-10MHz-16QAM-20800-50RB#0

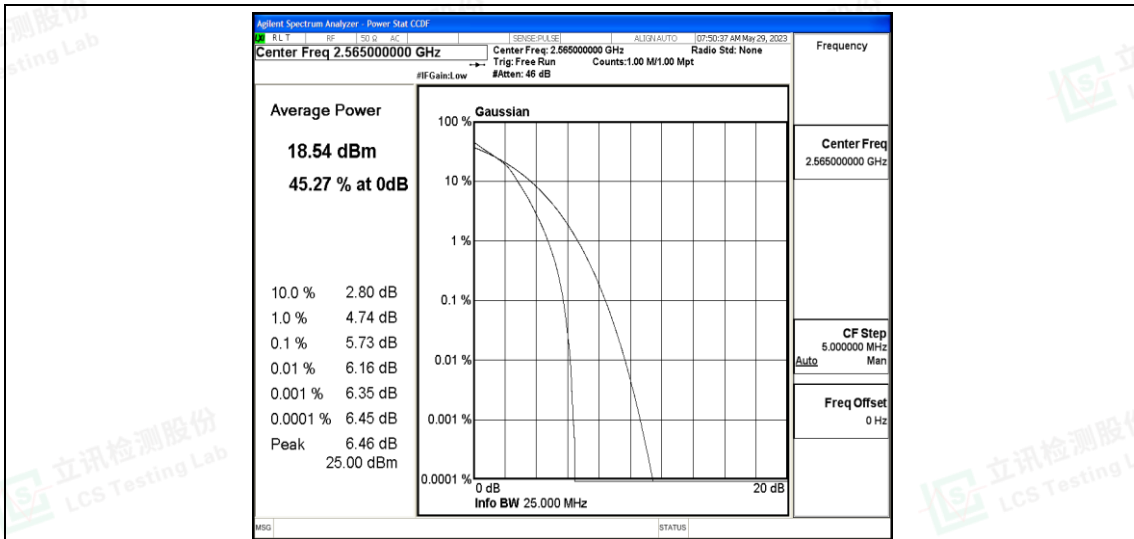


Band7-10MHz-16QAM-21100-50RB#0

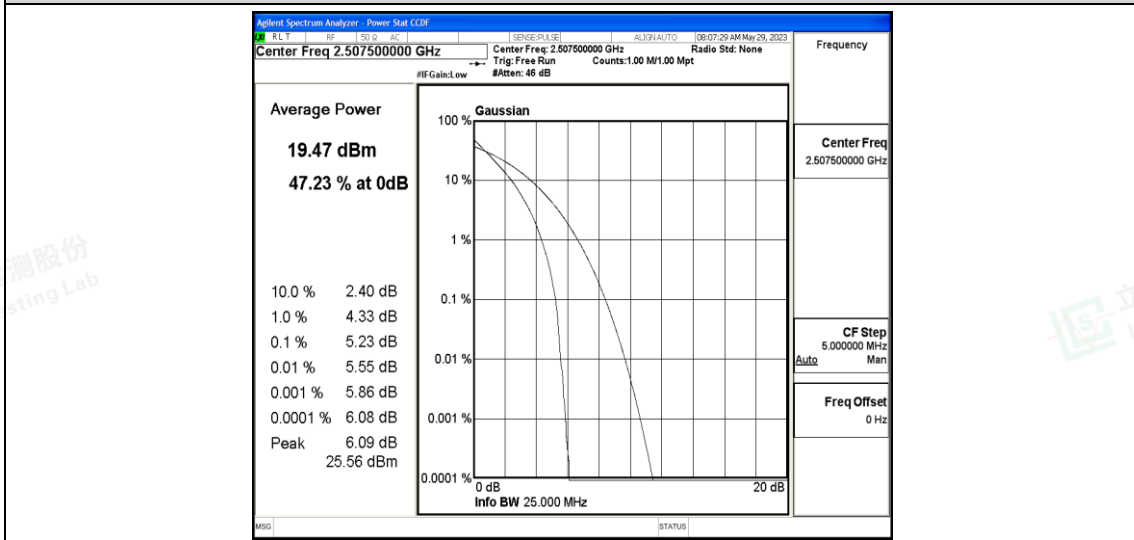


Band7-10MHz-16QAM-21400-50RB#0

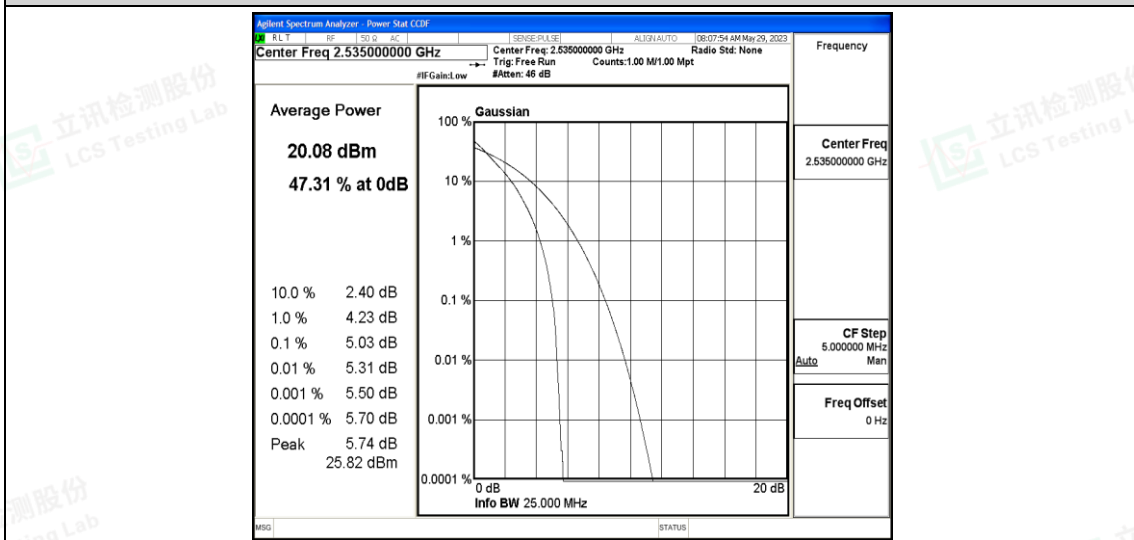




Band7-15MHz-QPSK-20825-75RB#0

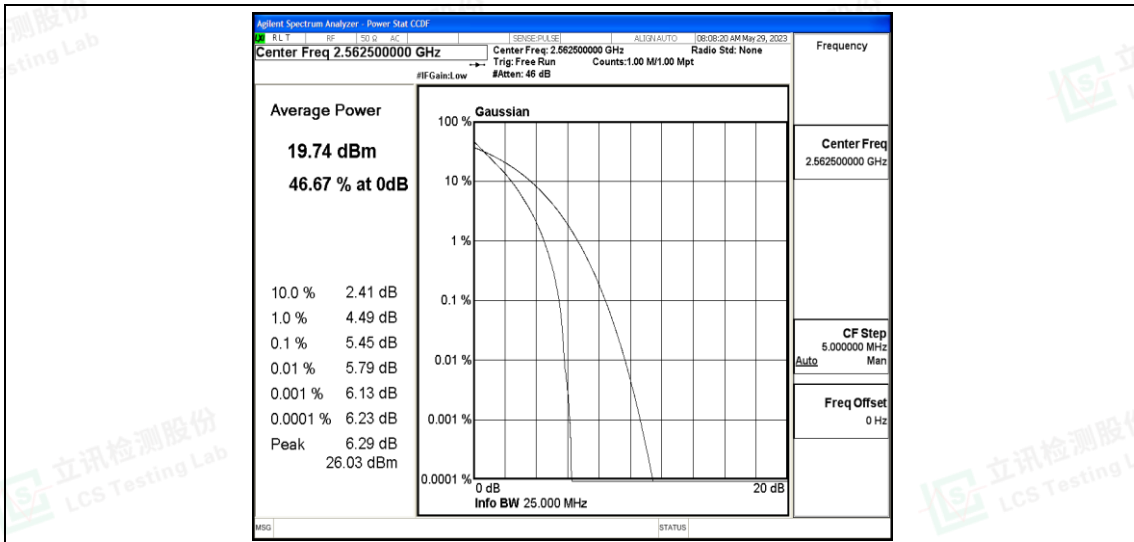


Band7-15MHz-QPSK-21100-75RB#0

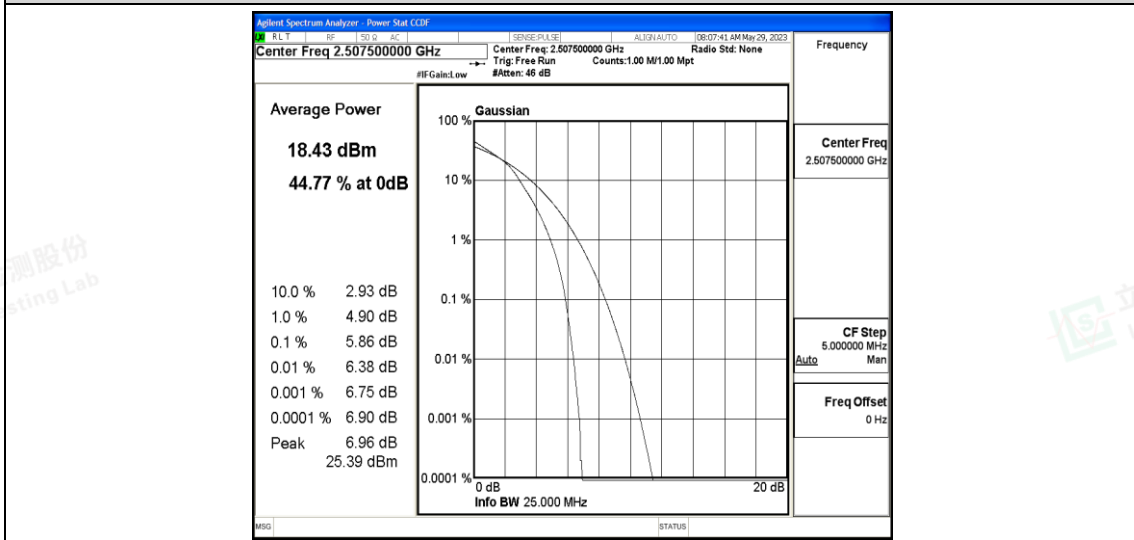


Band7-15MHz-QPSK-21375-75RB#0

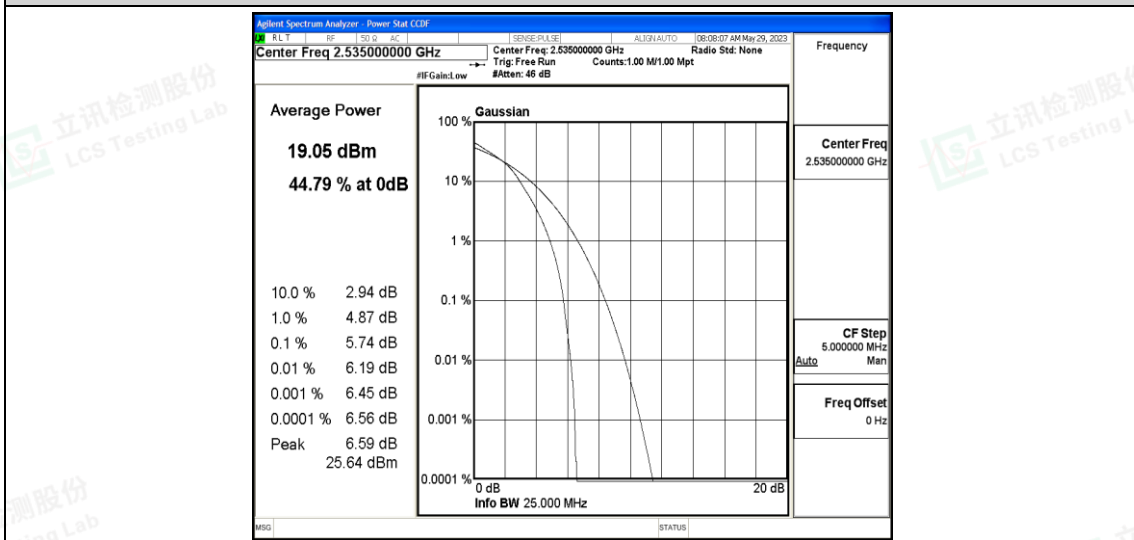




Band7-15MHz-16QAM-20825-75RB#0

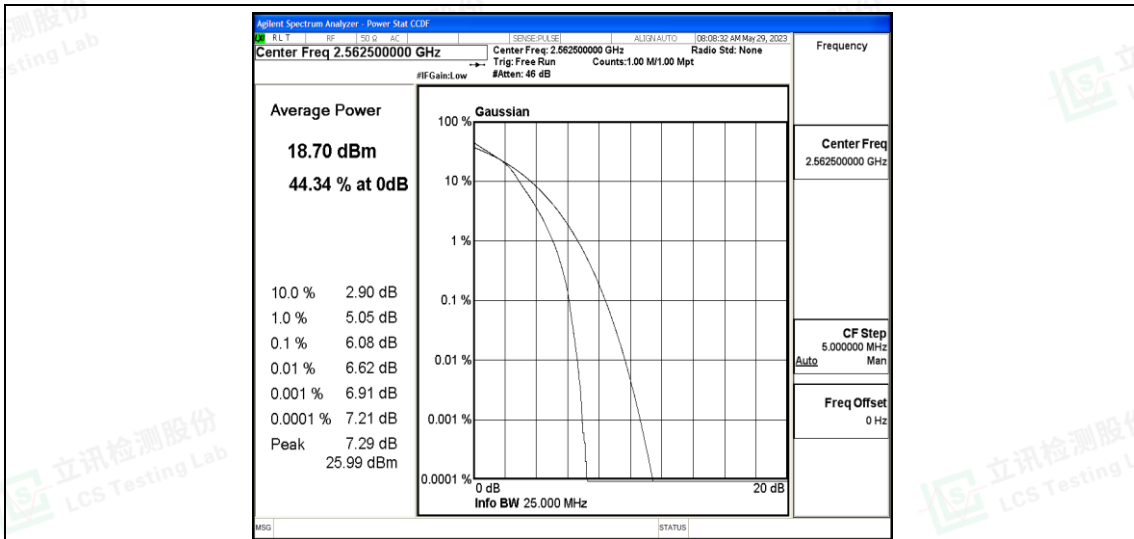


Band7-15MHz-16QAM-21100-75RB#0

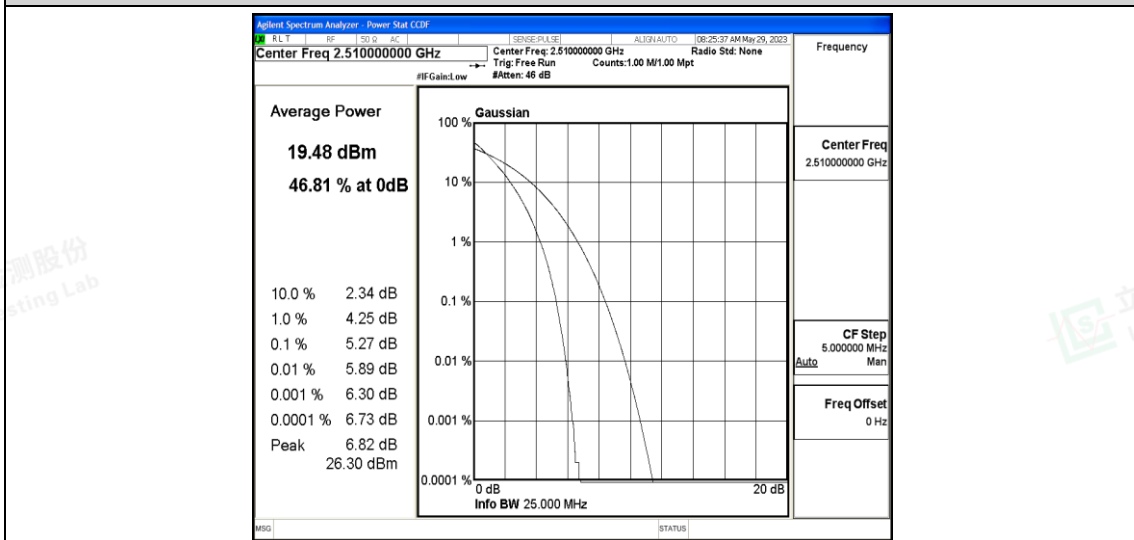


Band7-15MHz-16QAM-21375-75RB#0

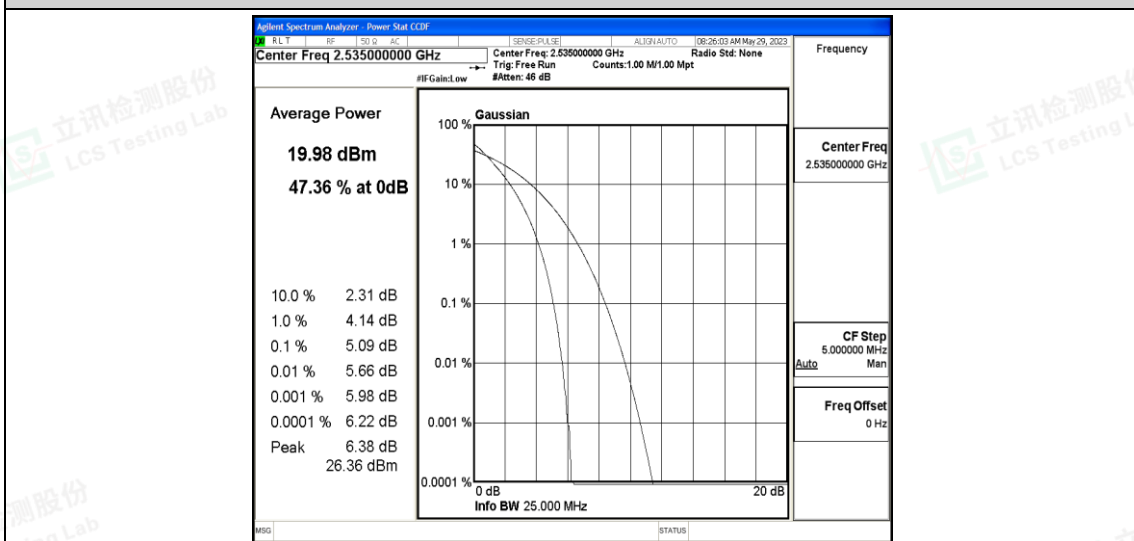




Band7-20MHz-QPSK-20850-100RB#0

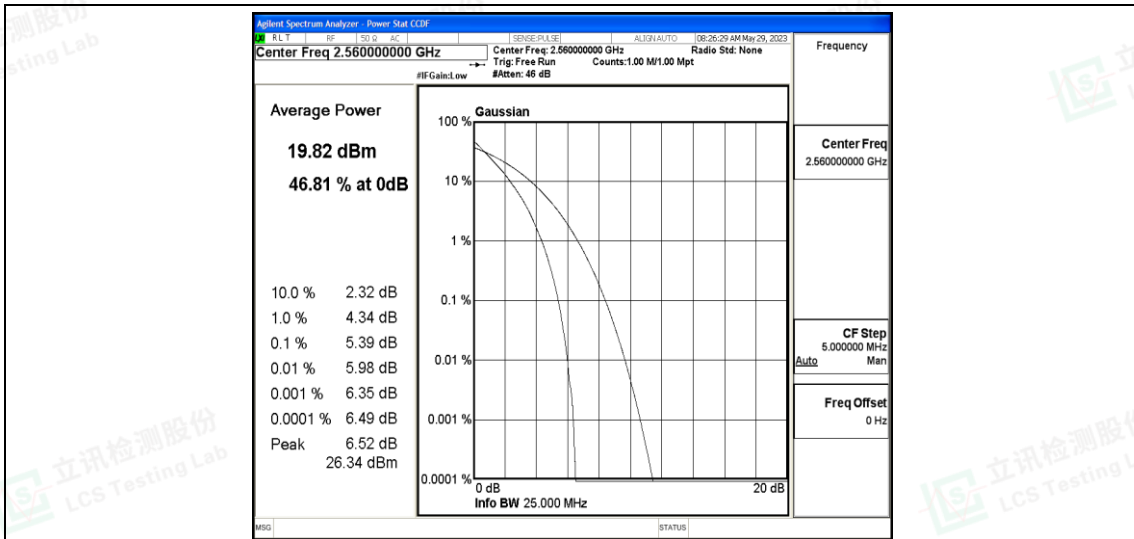


Band7-20MHz-QPSK-21100-100RB#0

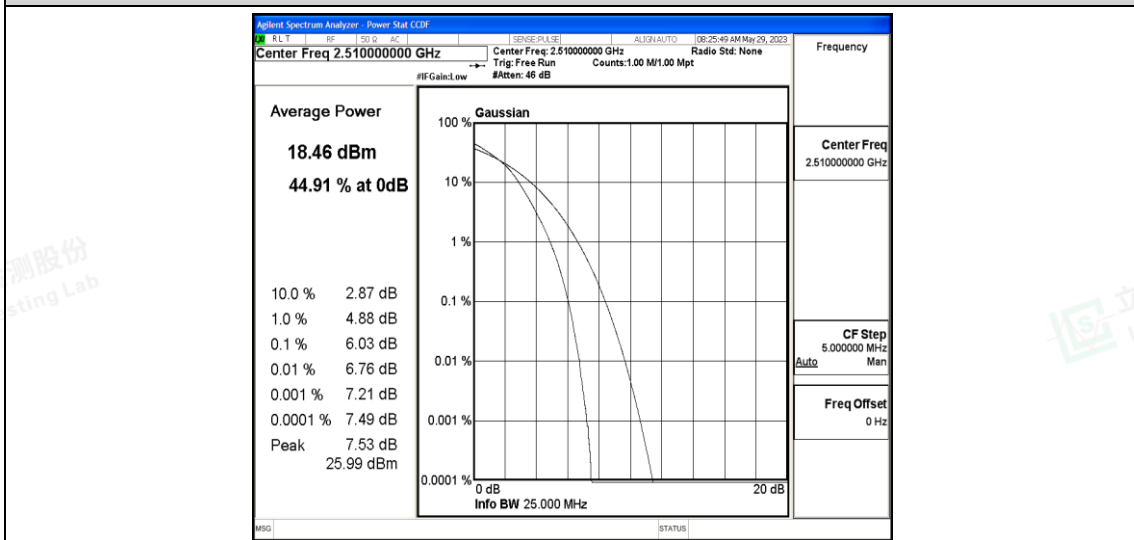


Band7-20MHz-QPSK-21350-100RB#0

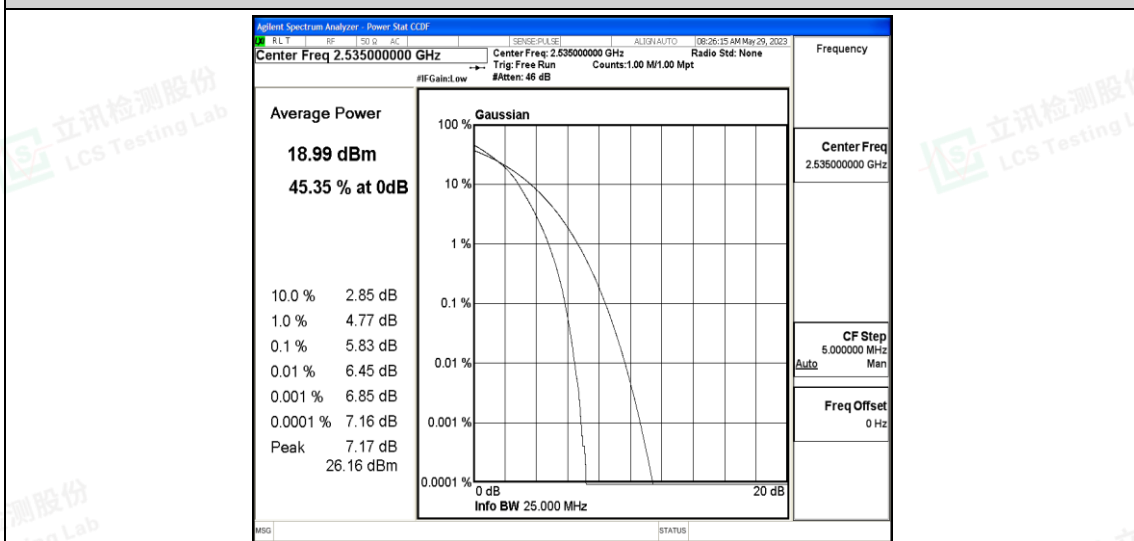




Band7-20MHz-16QAM-20850-100RB#0

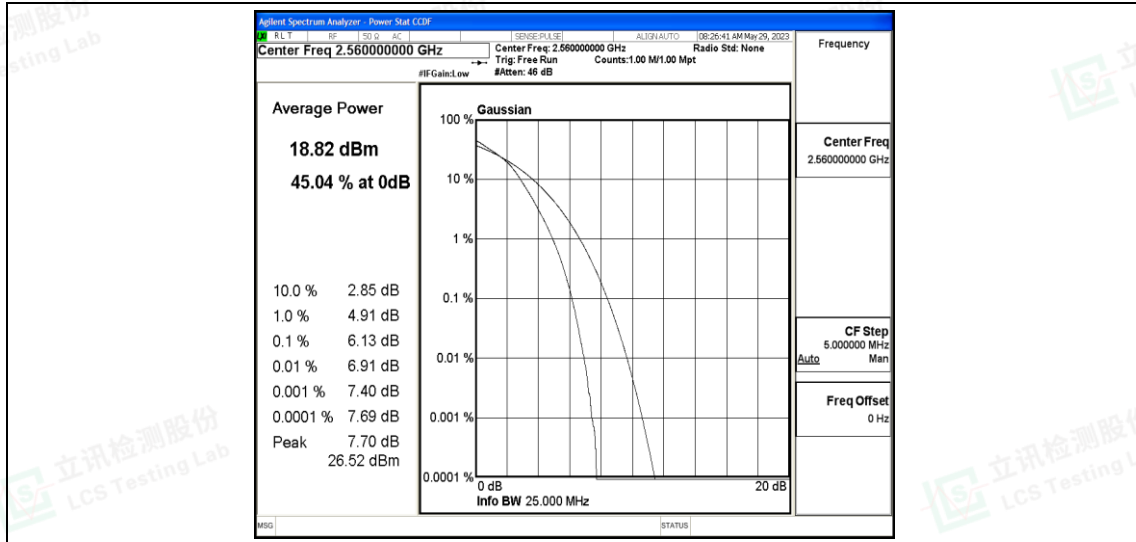


Band7-20MHz-16QAM-21100-100RB#0



Band7-20MHz-16QAM-21350-100RB#0







I.3 26dB Bandwidth and Occupied Bandwidth

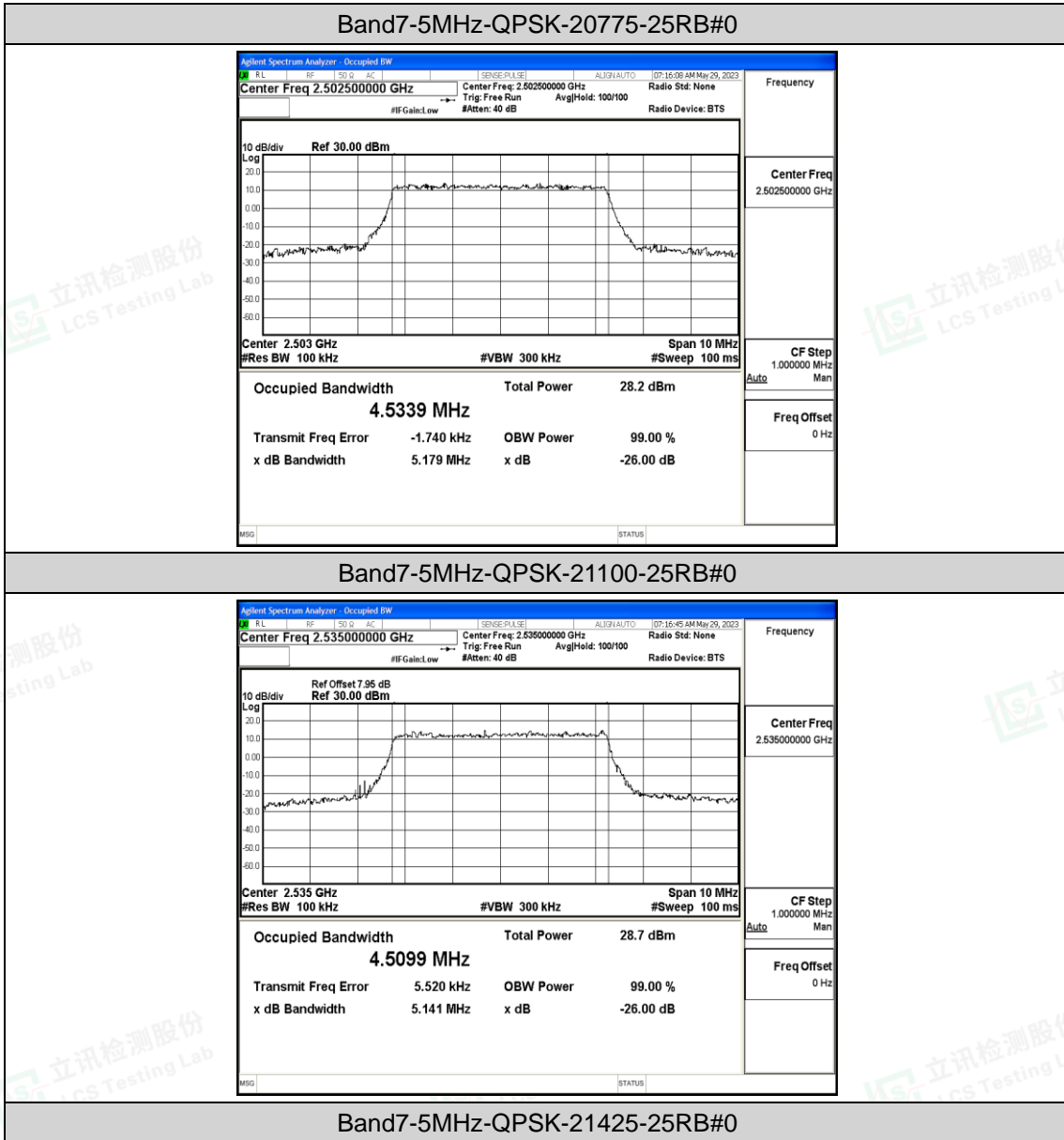
Test Result

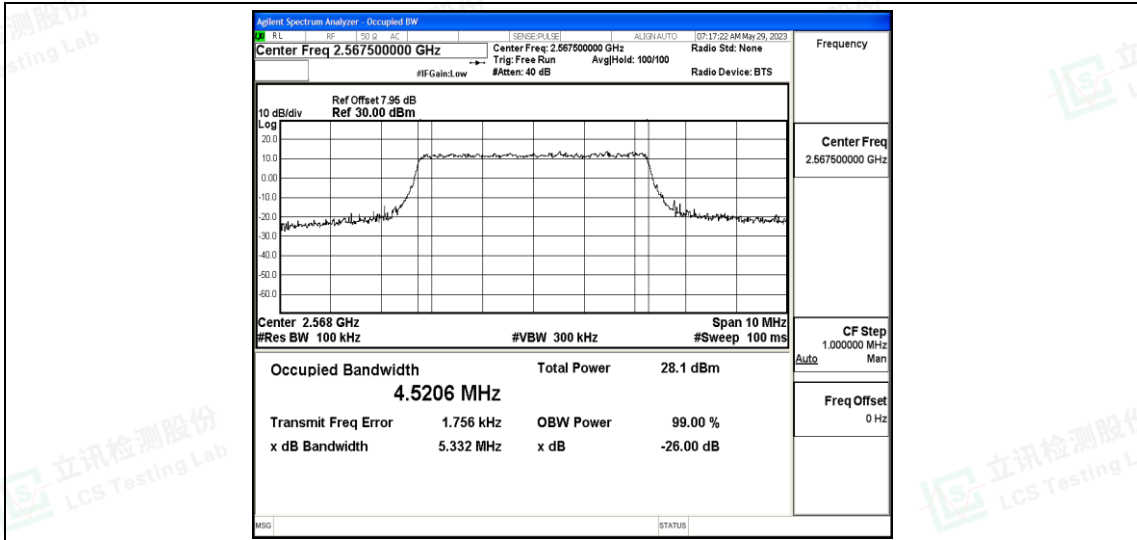
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	4.5339	5.179	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.5099	5.141	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.5206	5.332	PASS
Band7	5MHz	16QAM	20775	25RB#0	4.5160	5.137	PASS
Band7	5MHz	16QAM	21100	25RB#0	4.5273	5.250	PASS
Band7	5MHz	16QAM	21425	25RB#0	4.5194	5.243	PASS
Band7	10MHz	QPSK	20800	50RB#0	9.0315	10.23	PASS
Band7	10MHz	QPSK	21100	50RB#0	9.0341	10.22	PASS
Band7	10MHz	QPSK	21400	50RB#0	8.9897	10.15	PASS
Band7	10MHz	16QAM	20800	50RB#0	8.9890	9.988	PASS
Band7	10MHz	16QAM	21100	50RB#0	8.9976	10.20	PASS
Band7	10MHz	16QAM	21400	50RB#0	9.0203	10.18	PASS
Band7	15MHz	QPSK	20825	75RB#0	13.520	15.34	PASS
Band7	15MHz	QPSK	21100	75RB#0	13.512	15.02	PASS
Band7	15MHz	QPSK	21375	75RB#0	13.509	15.16	PASS
Band7	15MHz	16QAM	20825	75RB#0	13.504	15.04	PASS
Band7	15MHz	16QAM	21100	75RB#0	13.492	15.02	PASS
Band7	15MHz	16QAM	21375	75RB#0	13.514	15.12	PASS
Band7	20MHz	QPSK	20850	100RB#0	17.984	19.55	PASS
Band7	20MHz	QPSK	21100	100RB#0	17.978	19.96	PASS
Band7	20MHz	QPSK	21350	100RB#0	17.994	19.84	PASS
Band7	20MHz	16QAM	20850	100RB#0	18.002	19.62	PASS
Band7	20MHz	16QAM	21100	100RB#0	18.021	19.64	PASS
Band7	20MHz	16QAM	21350	100RB#0	18.025	20.04	PASS



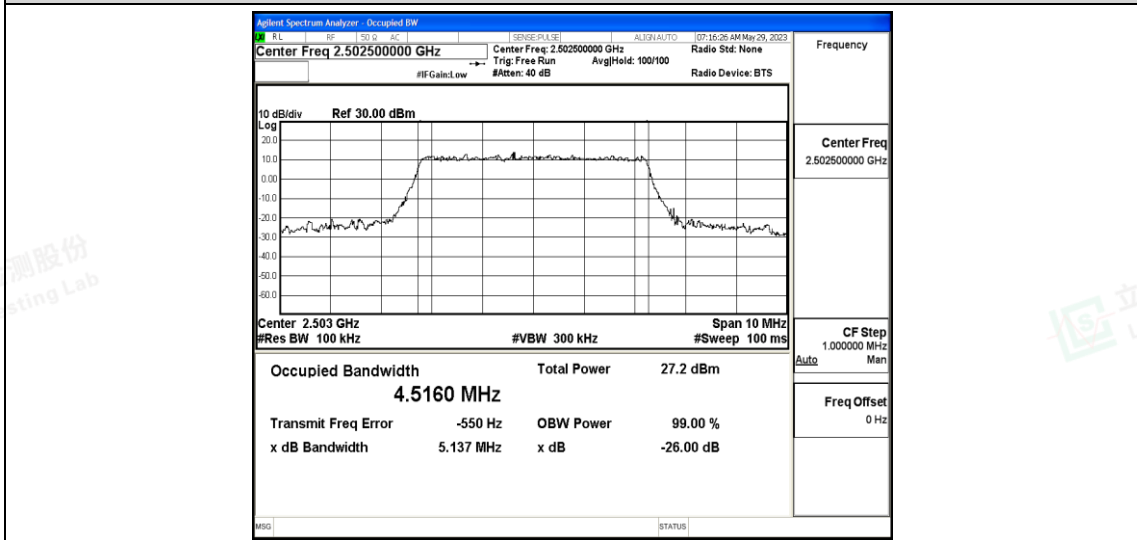


Test Graphs

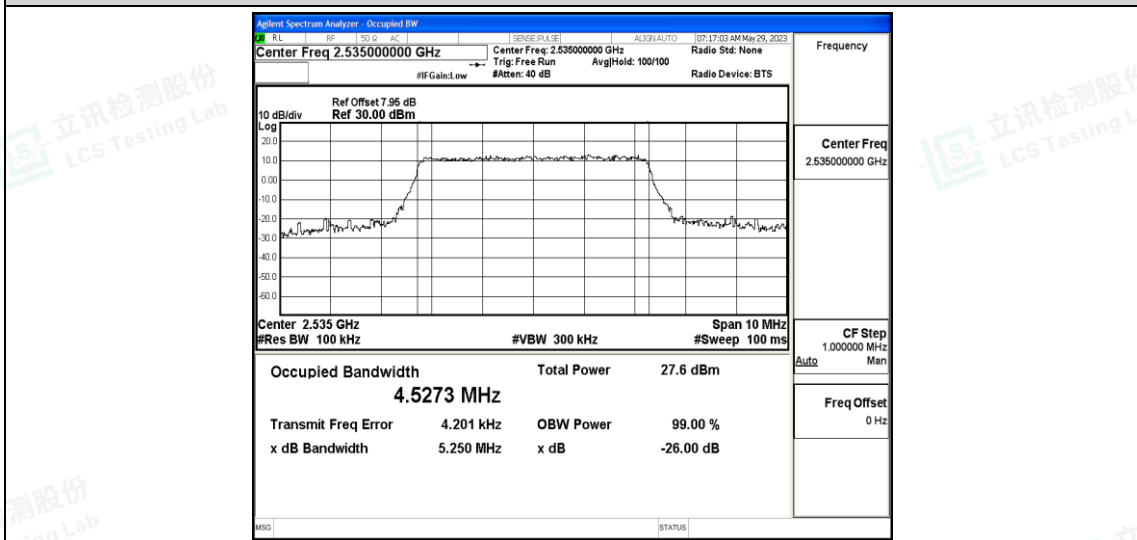




Band7-5MHz-16QAM-20775-25RB#0

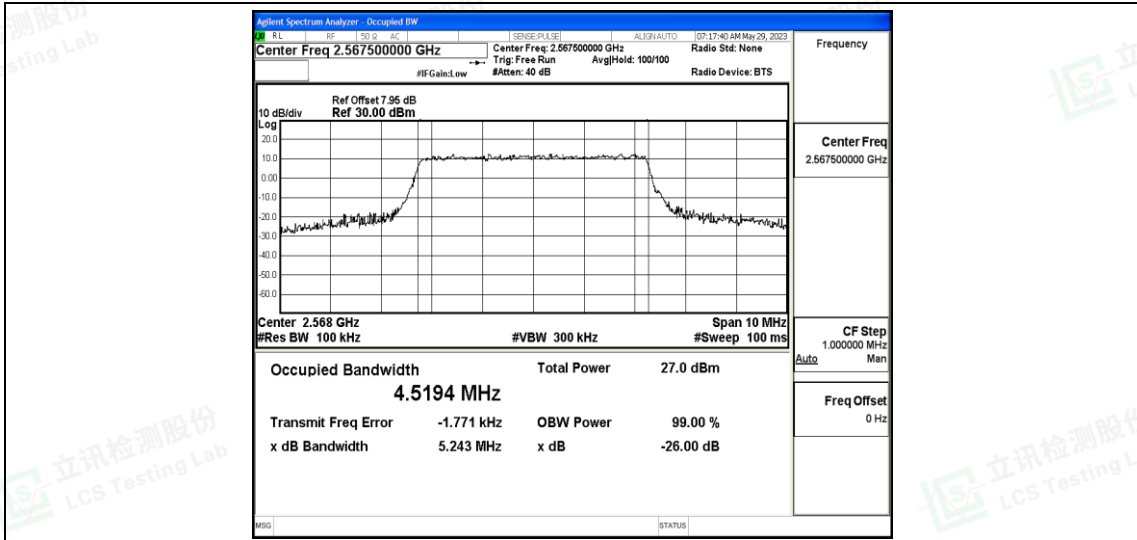


Band7-5MHz-16QAM-21100-25RB#0

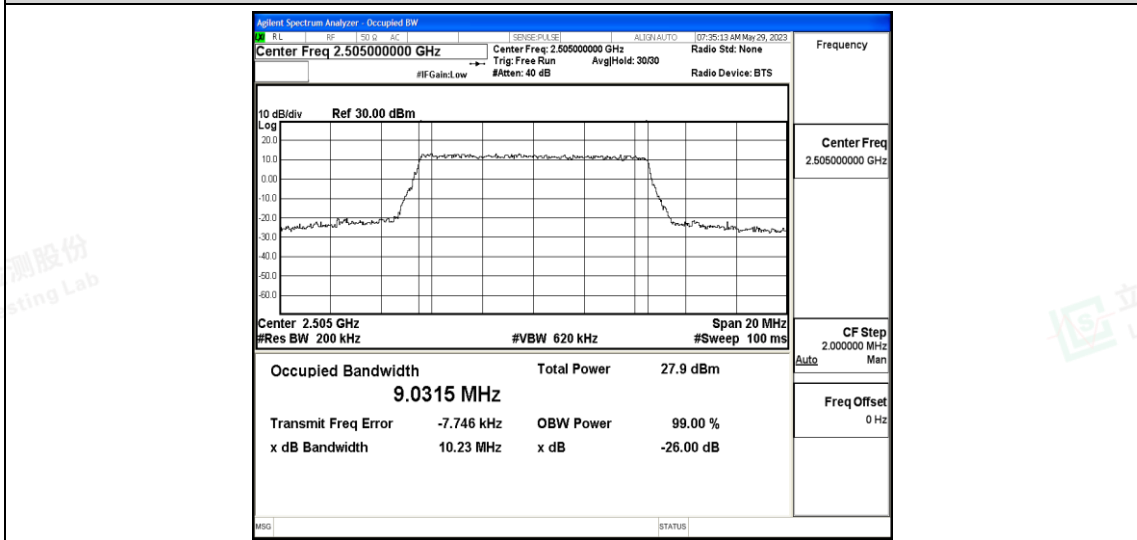


Band7-5MHz-16QAM-21425-25RB#0

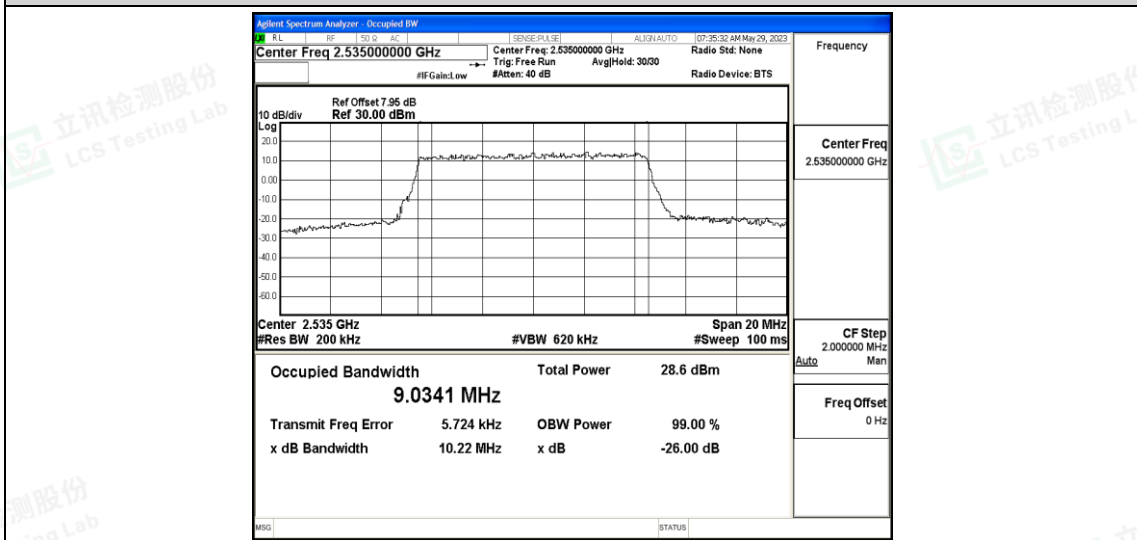




Band7-10MHz-QPSK-20800-50RB#0

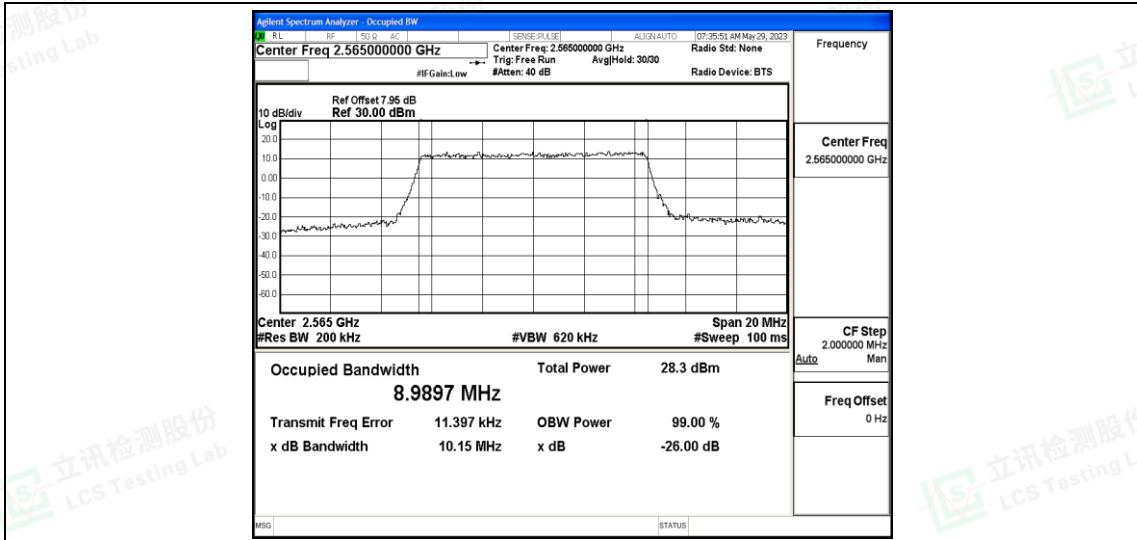


Band7-10MHz-QPSK-21100-50RB#0

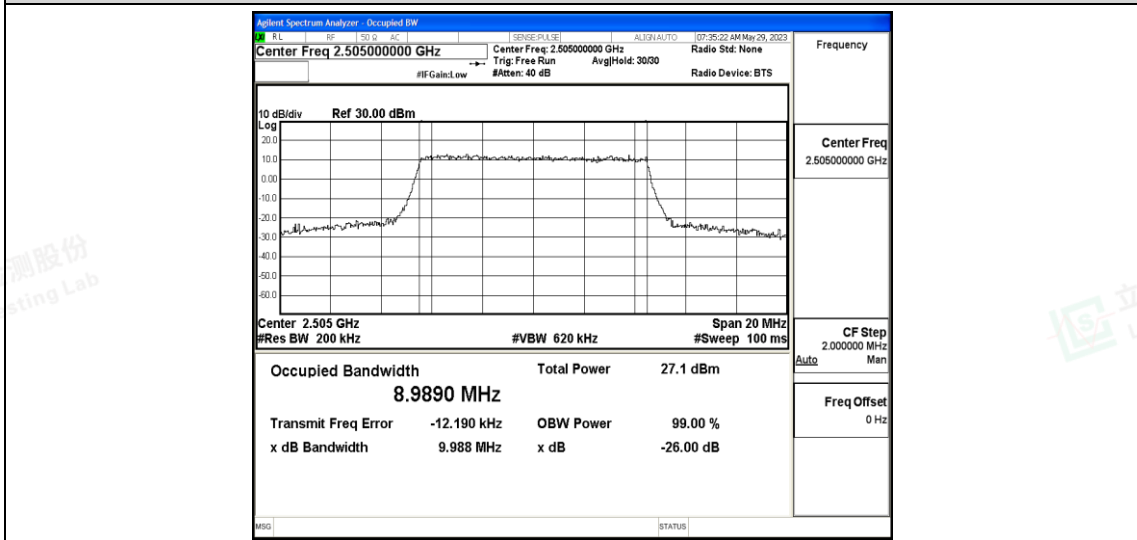


Band7-10MHz-QPSK-21400-50RB#0

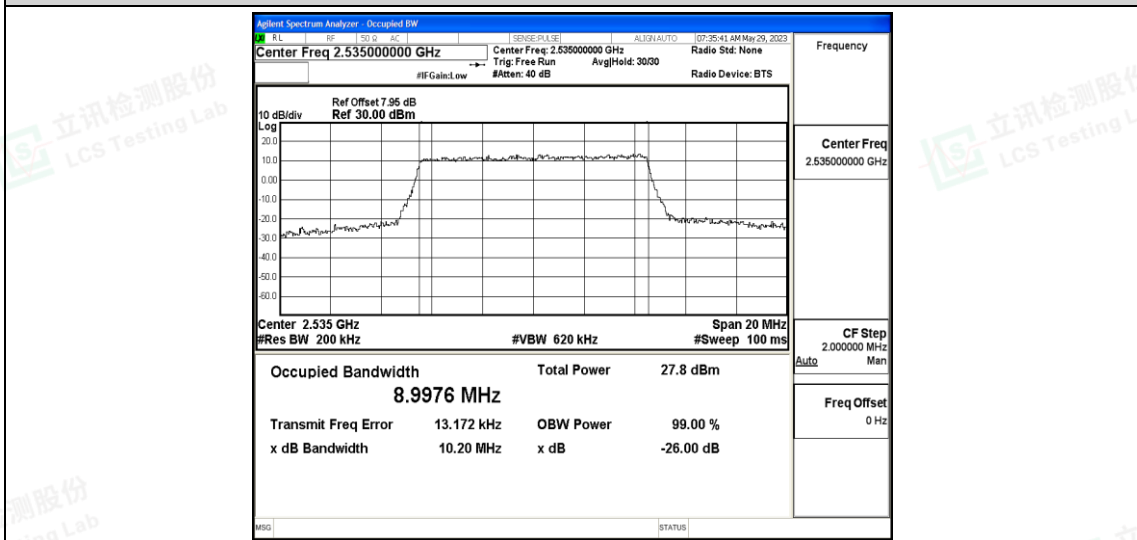




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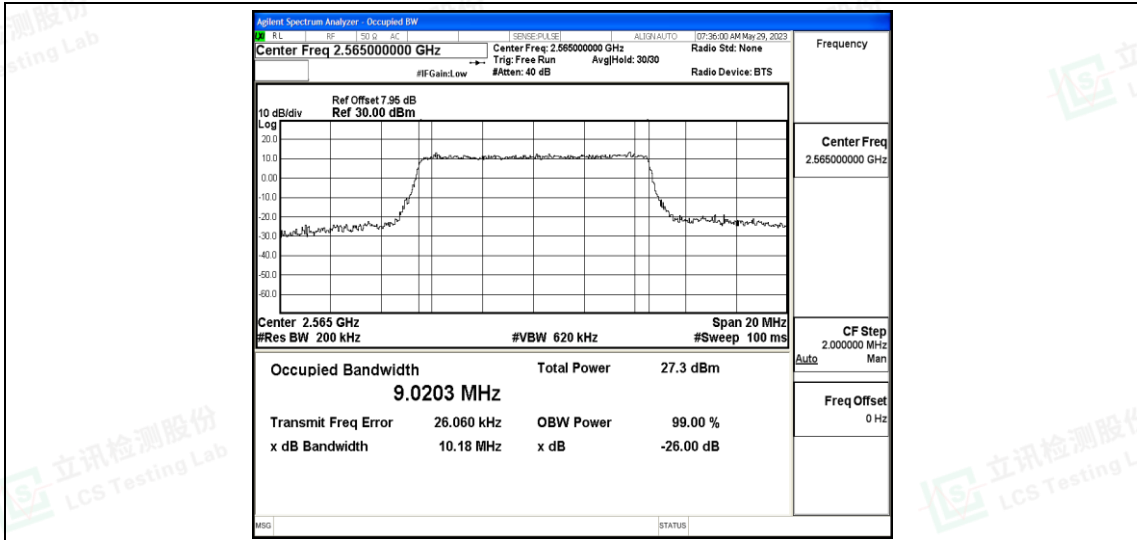


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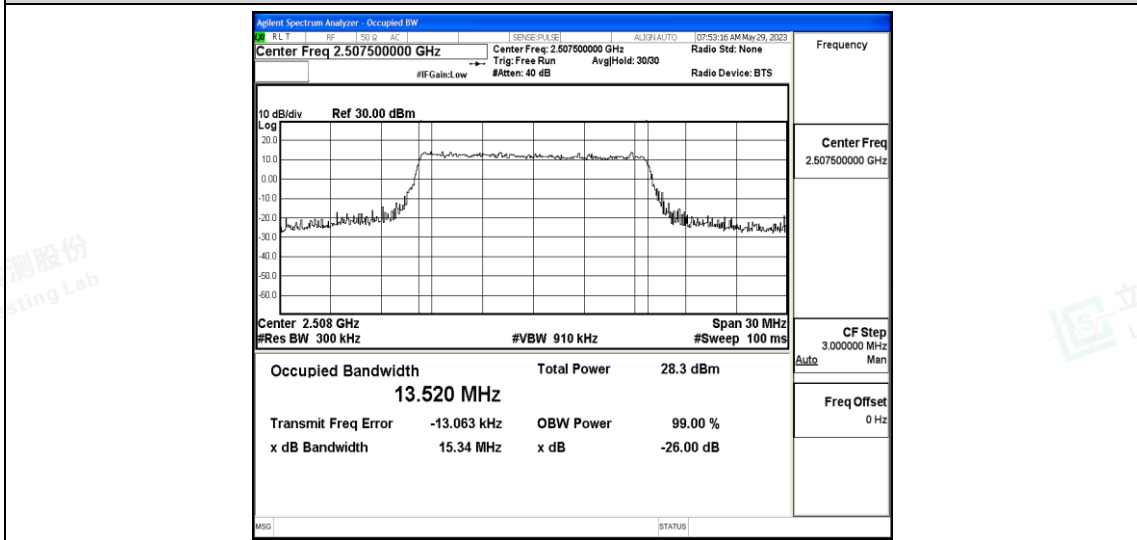


Band7-10MHz-16QAM-21400-50RB#0

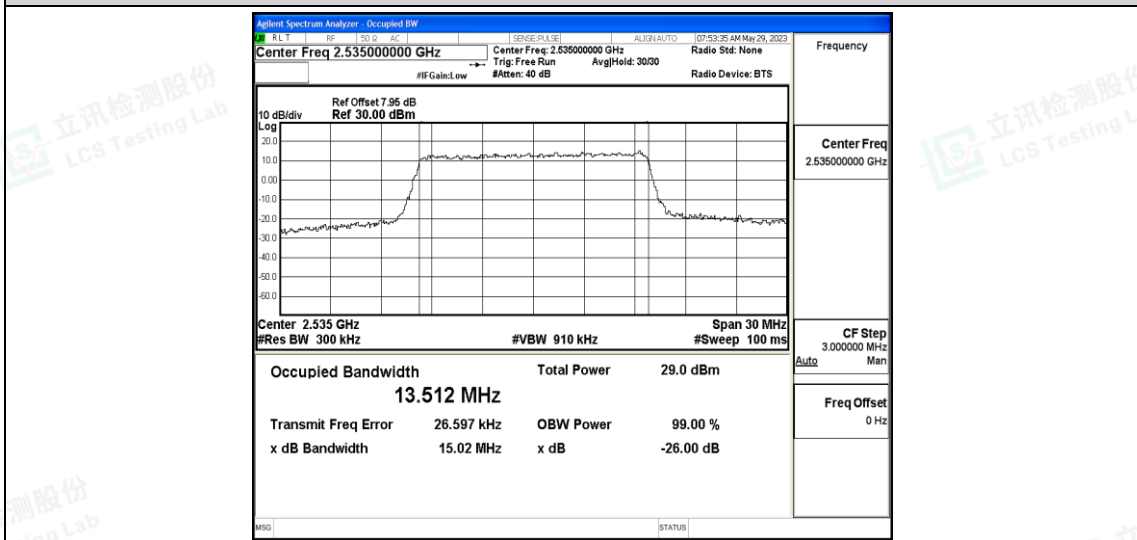




Band7-15MHz-QPSK-20825-75RB#0

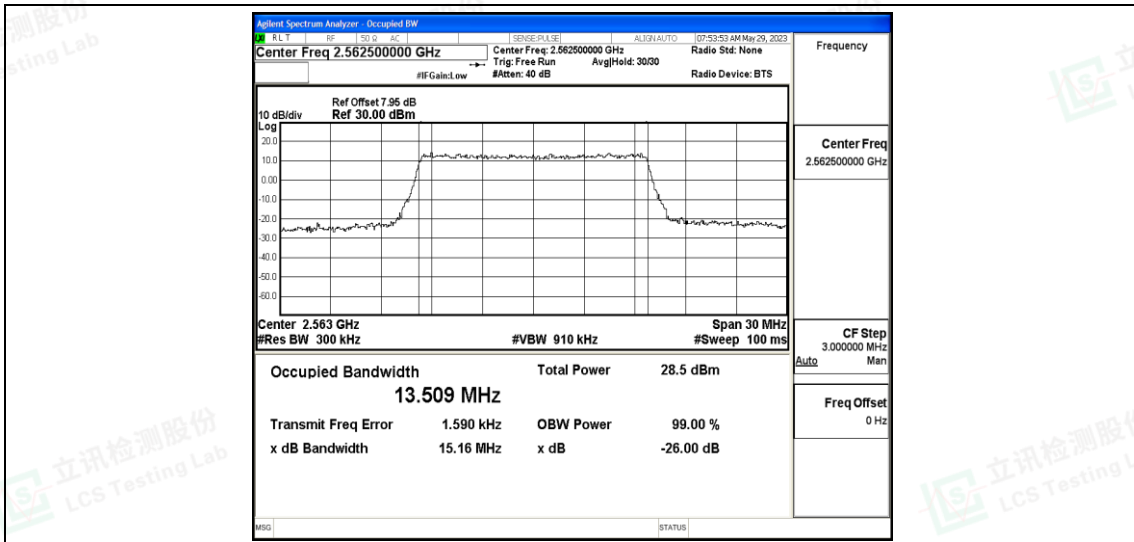


Band7-15MHz-QPSK-21100-75RB#0

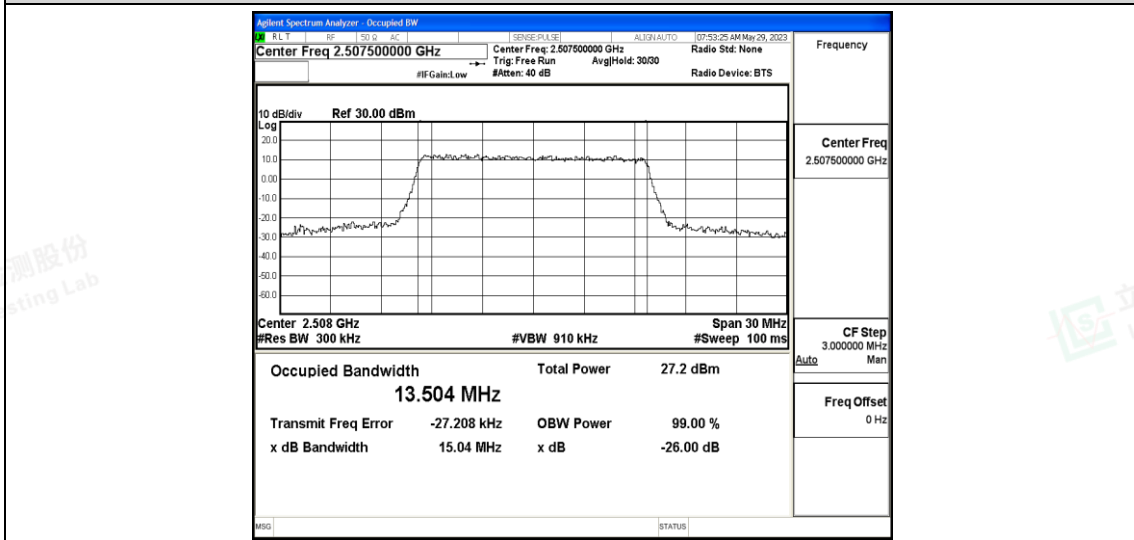


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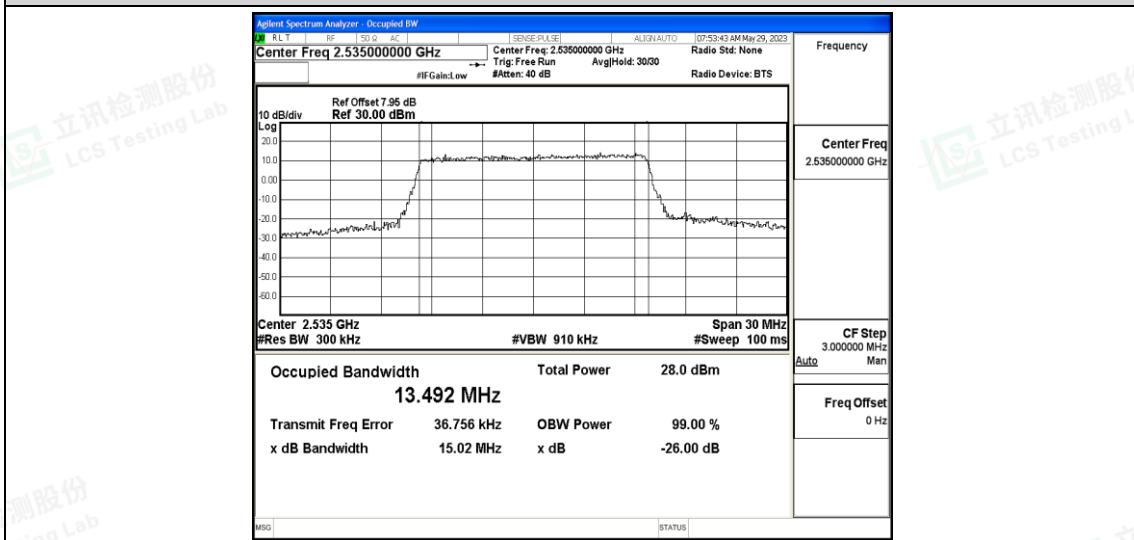




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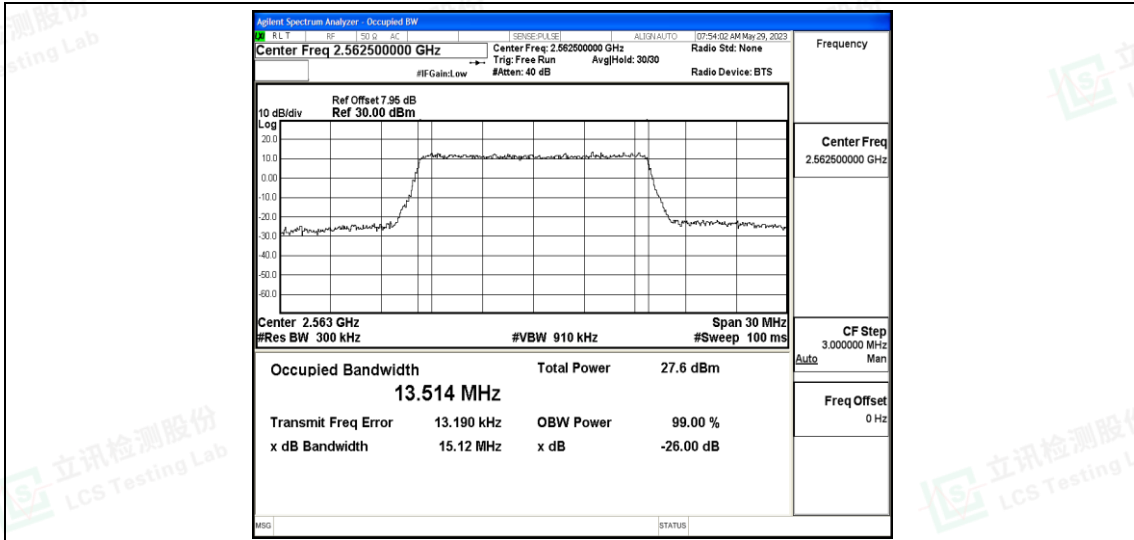


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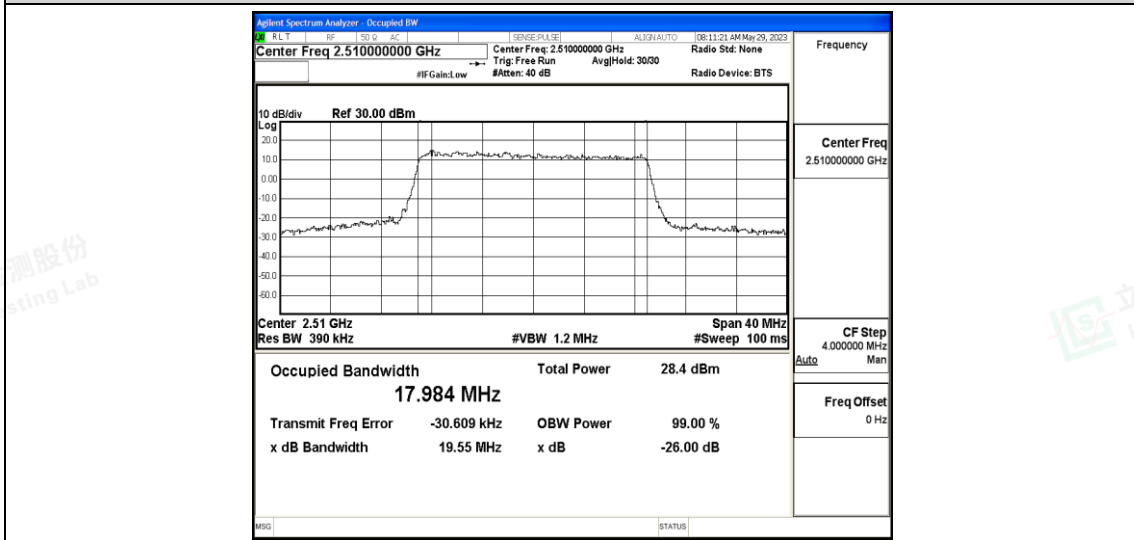


Band7-15MHz-16QAM-21375-75RB#0

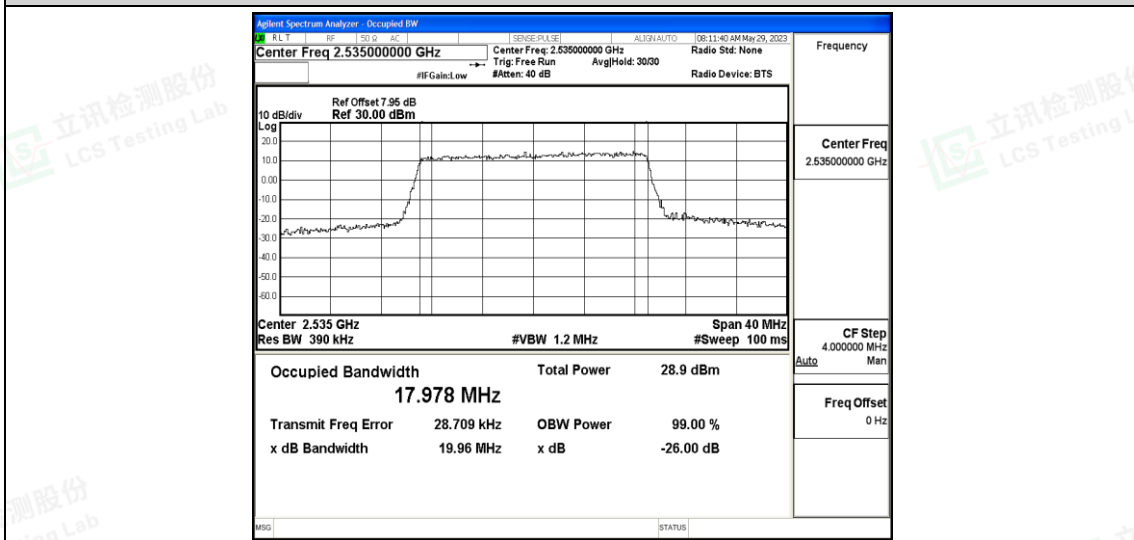




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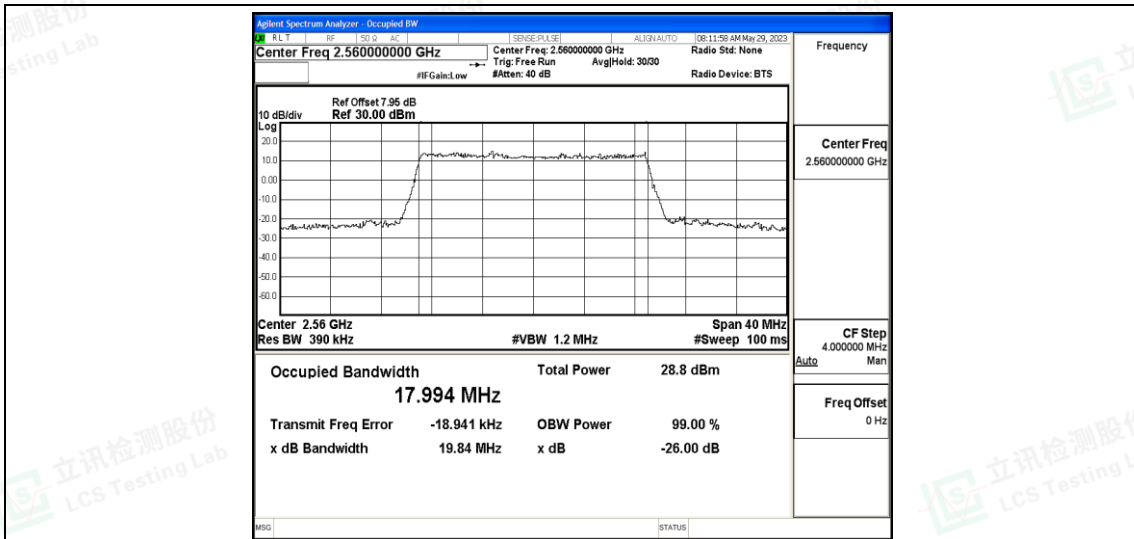


Band7-20MHz-QPSK-21100-100RB#0

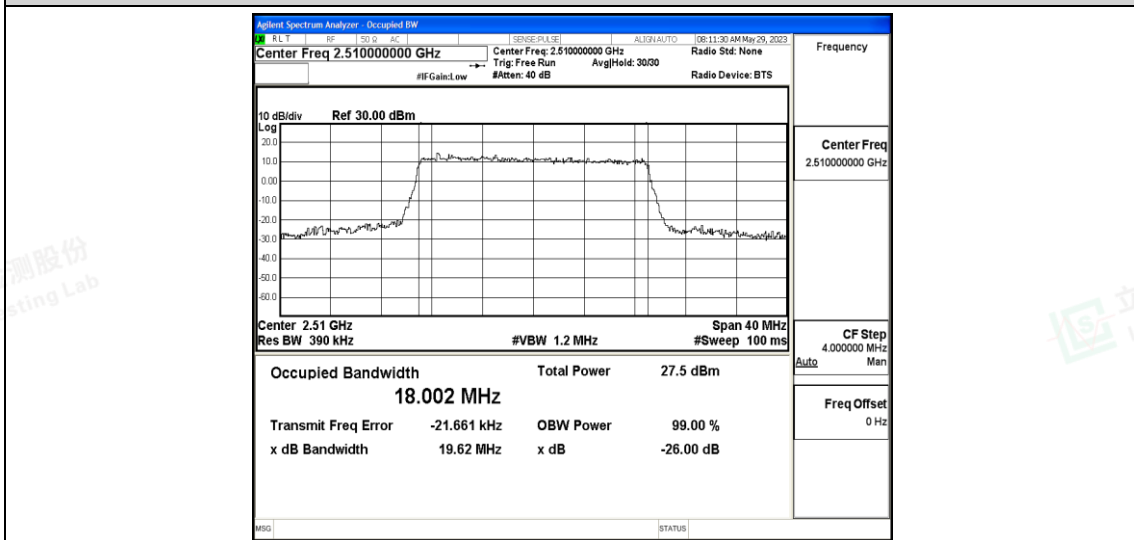


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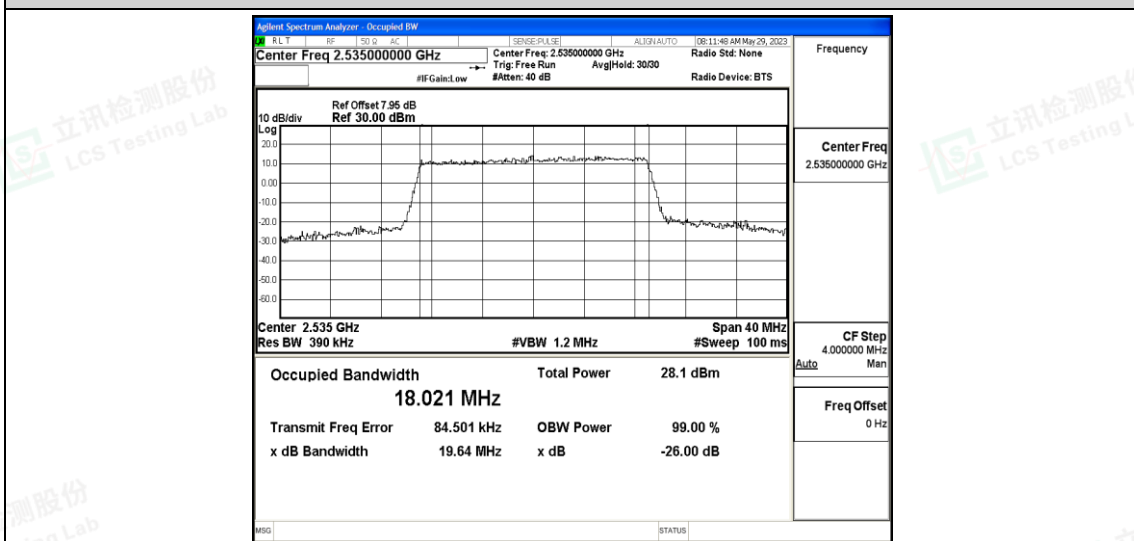




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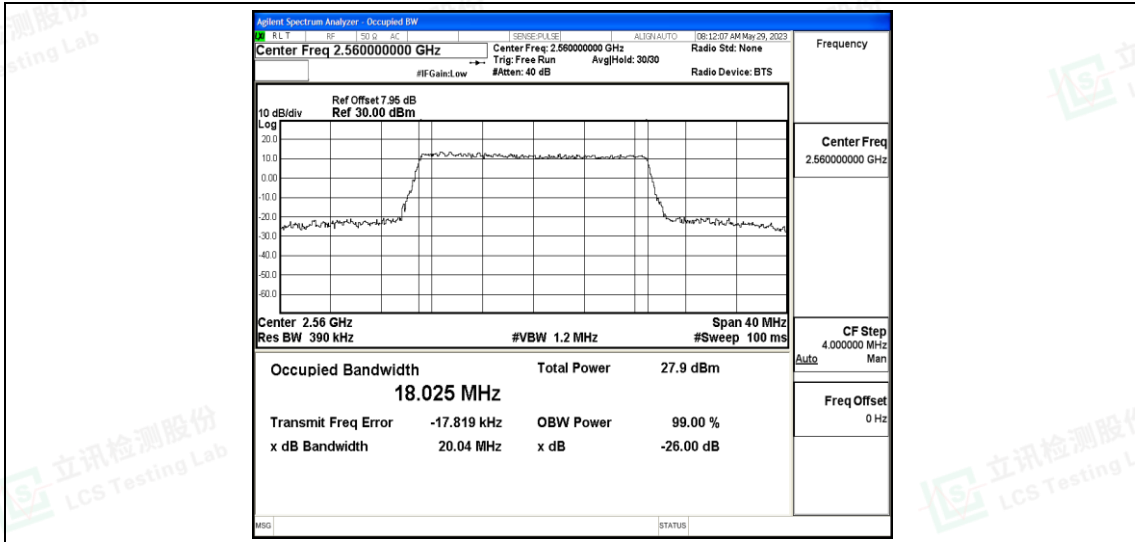


Band7-20MHz-16QAM-21100-100RB#0



Band7-20MHz-16QAM-21350-100RB#0





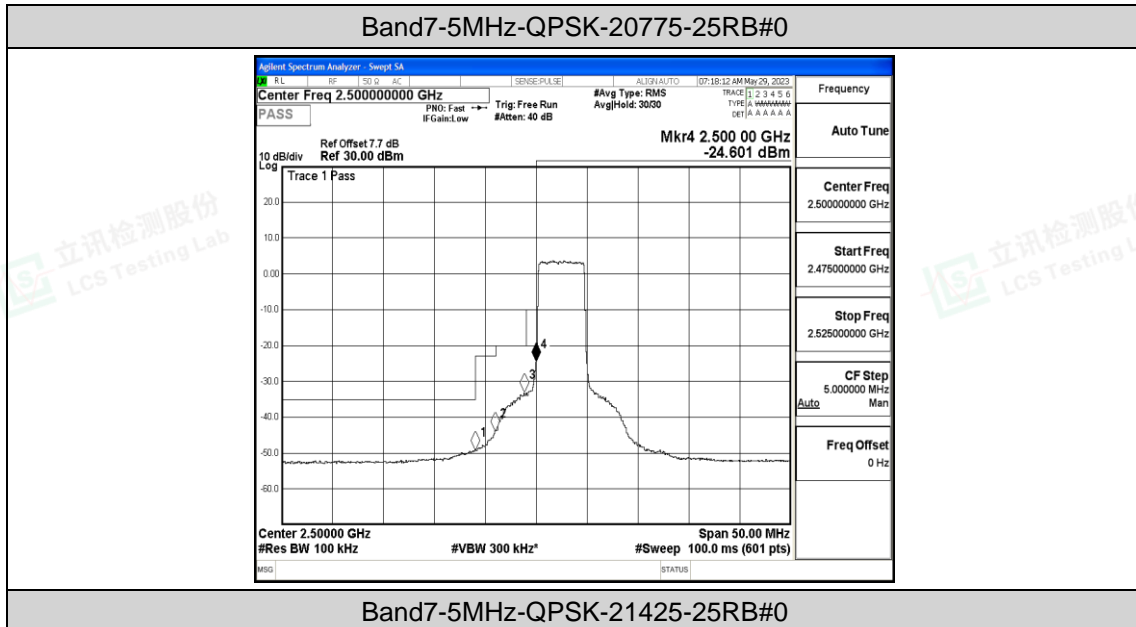


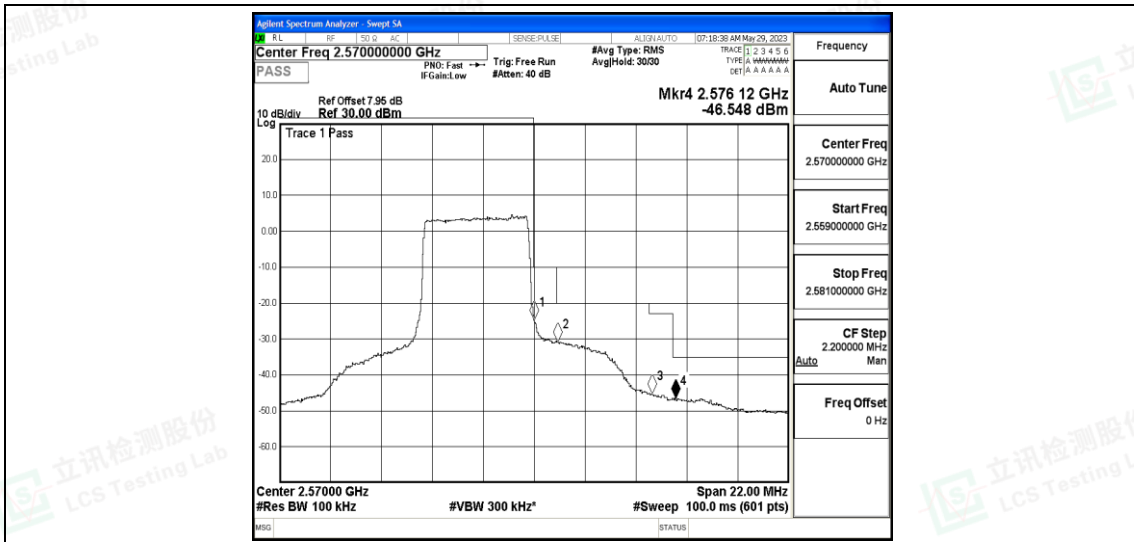
I.4 Band Edge

Test Result

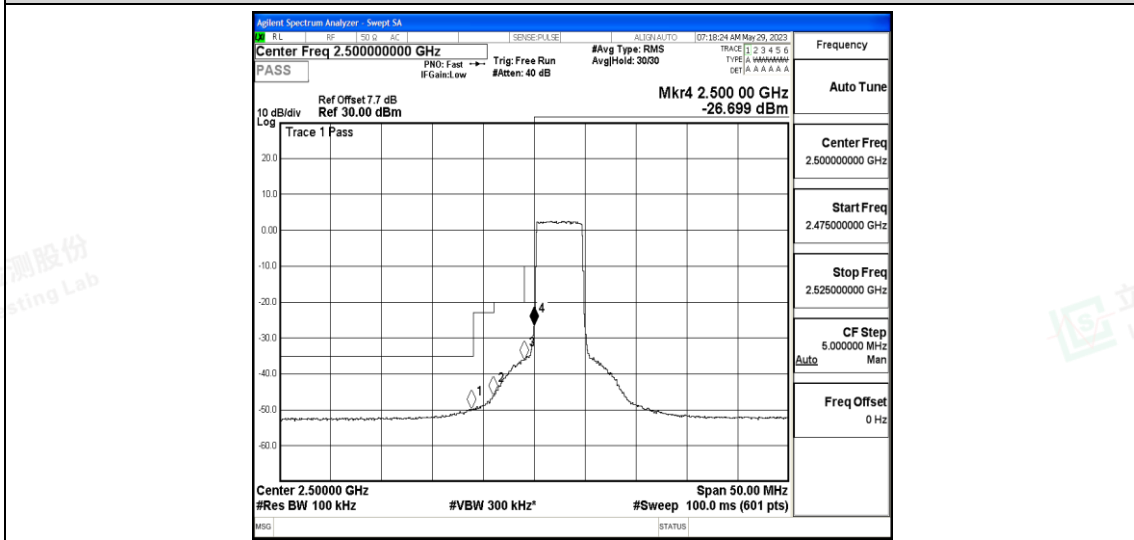
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	-49.17,-43.85,-33.14,-24.60	PASS
Band7	5MHz	QPSK	21425	25RB#0	-24.78,-30.82,-45.33,-46.55	PASS
Band7	5MHz	16QAM	20775	25RB#0	-49.87,-46.00,-36.17,-26.70	PASS
Band7	5MHz	16QAM	21425	25RB#0	-25.20,-33.15,-45.56,-46.54	PASS
Band7	10MHz	QPSK	20800	50RB#0	-46.83,-35.54,-32.58,-27.42	PASS
Band7	10MHz	QPSK	21400	50RB#0	-27.71,-31.05,-33.54,-45.66	PASS
Band7	10MHz	16QAM	20800	50RB#0	-47.29,-38.35,-35.17,-29.80	PASS
Band7	10MHz	16QAM	21400	50RB#0	-28.96,-33.17,-36.22,-46.03	PASS
Band7	15MHz	QPSK	20825	75RB#0	-38.30,-33.24,-30.96,-28.84	PASS
Band7	15MHz	QPSK	21375	75RB#0	-28.69,-30.43,-31.52,-44.18	PASS
Band7	15MHz	16QAM	20825	75RB#0	-42.05,-36.78,-34.56,-30.88	PASS
Band7	15MHz	16QAM	21375	75RB#0	-30.40,-33.38,-34.51,-44.69	PASS
Band7	20MHz	QPSK	20850	100RB#0	-38.41,-35.72,-33.95,-31.58	PASS
Band7	20MHz	QPSK	21350	100RB#0	-30.76,-32.59,-33.68,-44.63	PASS
Band7	20MHz	16QAM	20850	100RB#0	-41.43,-38.33,-36.40,-33.90	PASS
Band7	20MHz	16QAM	21350	100RB#0	-32.82,-34.56,-35.35,-44.57	PASS

Test Graphs

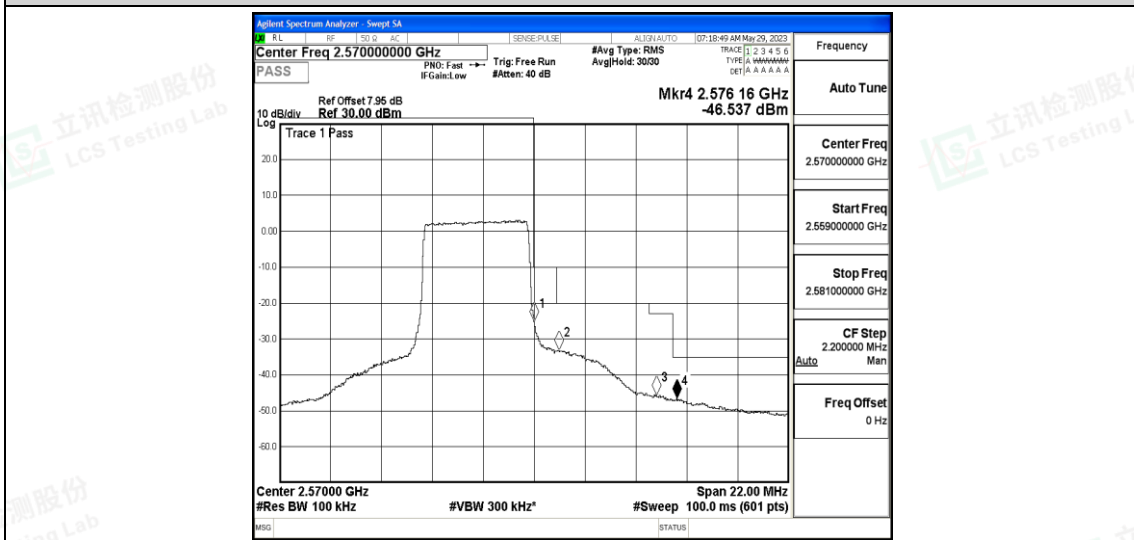




Band7-5MHz-16QAM-20775-25RB#0



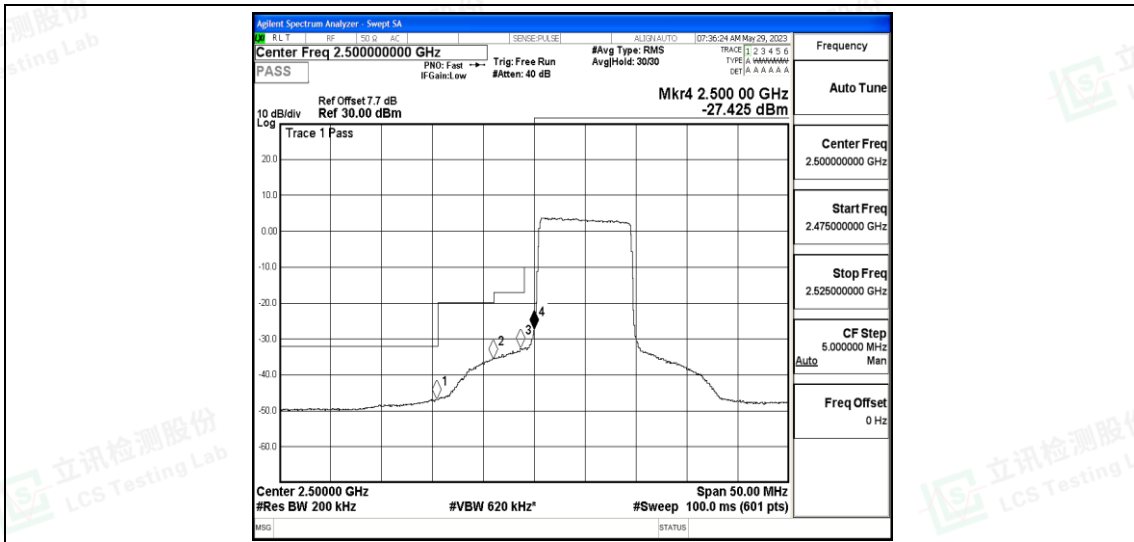
Band7-5MHz-16QAM-21425-25RB#0



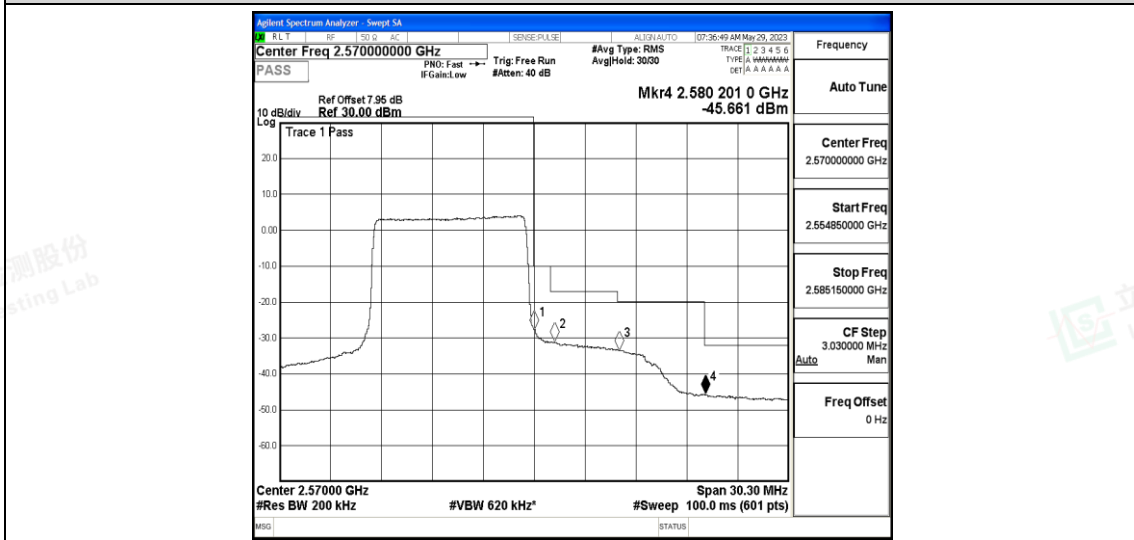
Band7-10MHz-QPSK-20800-50RB#0



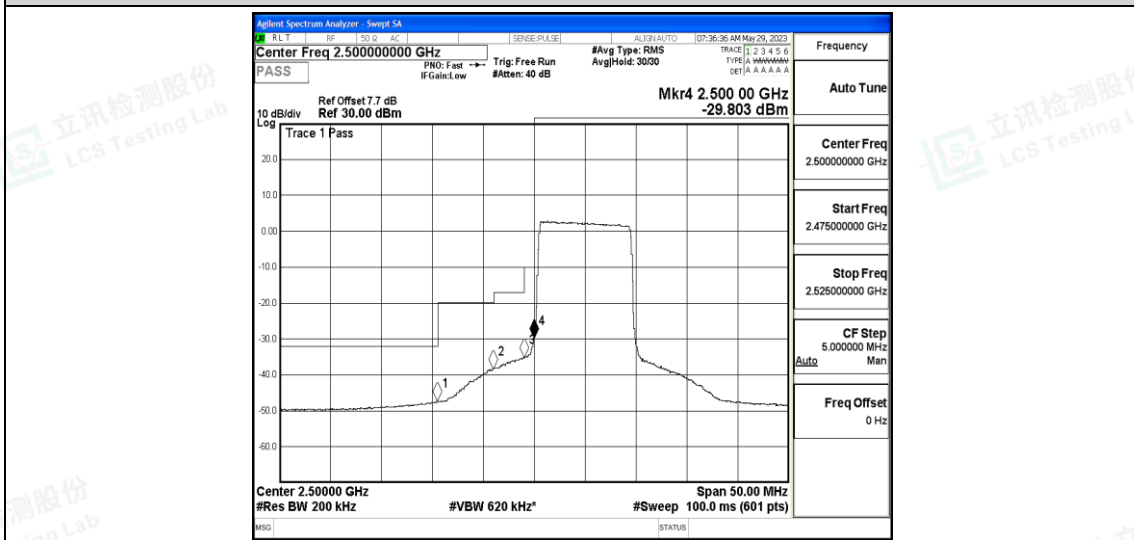
Shenzhen LCS Compliance Testing Laboratory Ltd.
 Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China
 Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com
 Scan code to check authenticity



Band7-10MHz-QPSK-21400-50RB#0

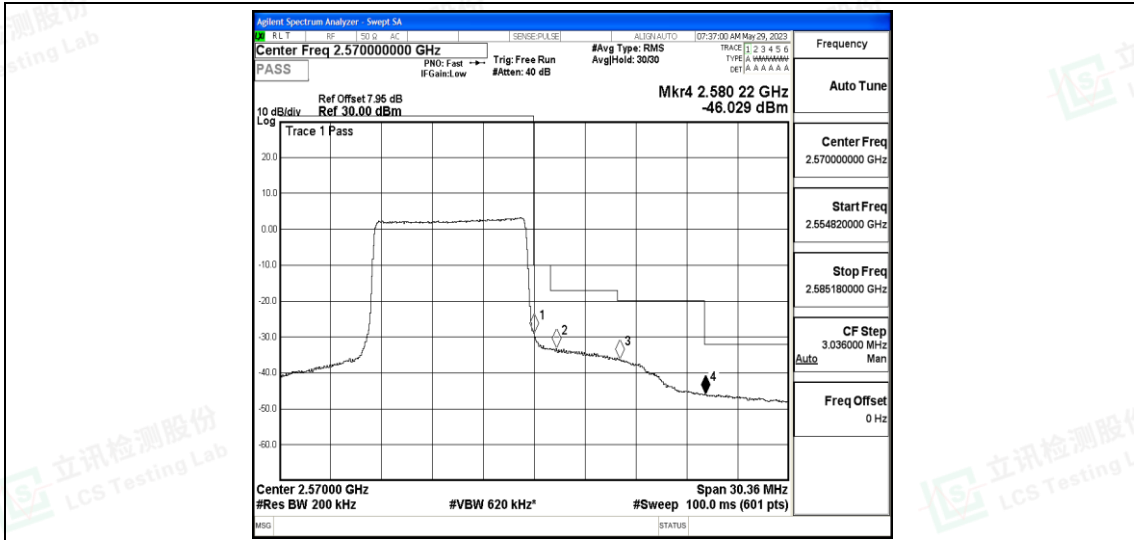


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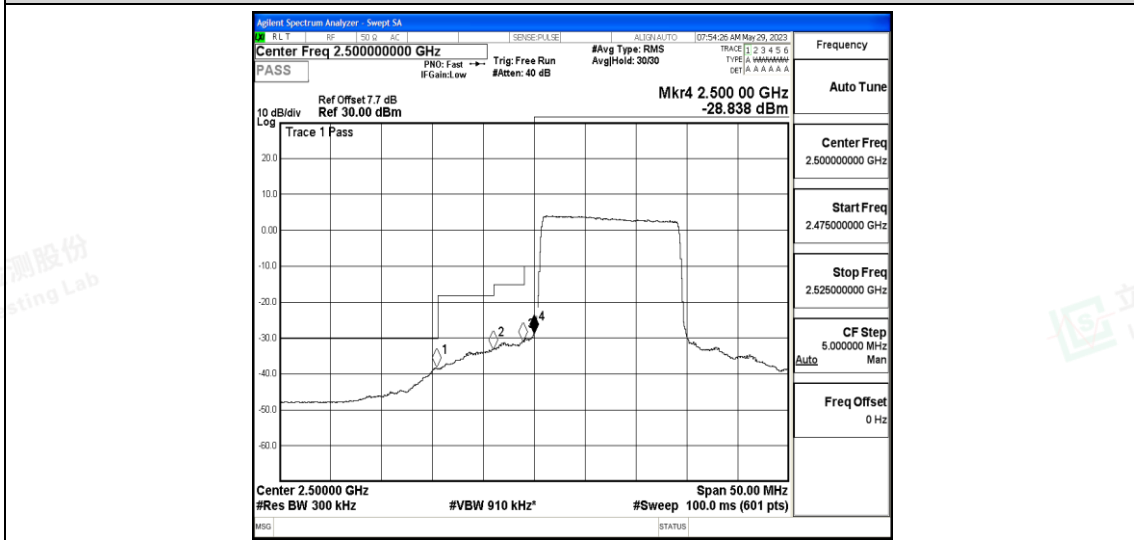


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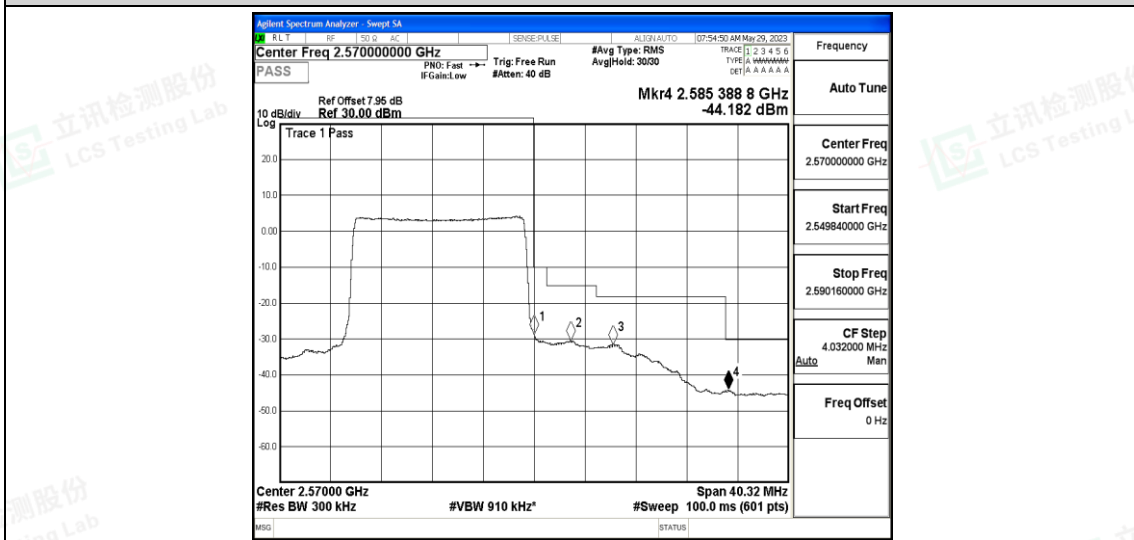




Band7-15MHz-QPSK-20825-75RB#0



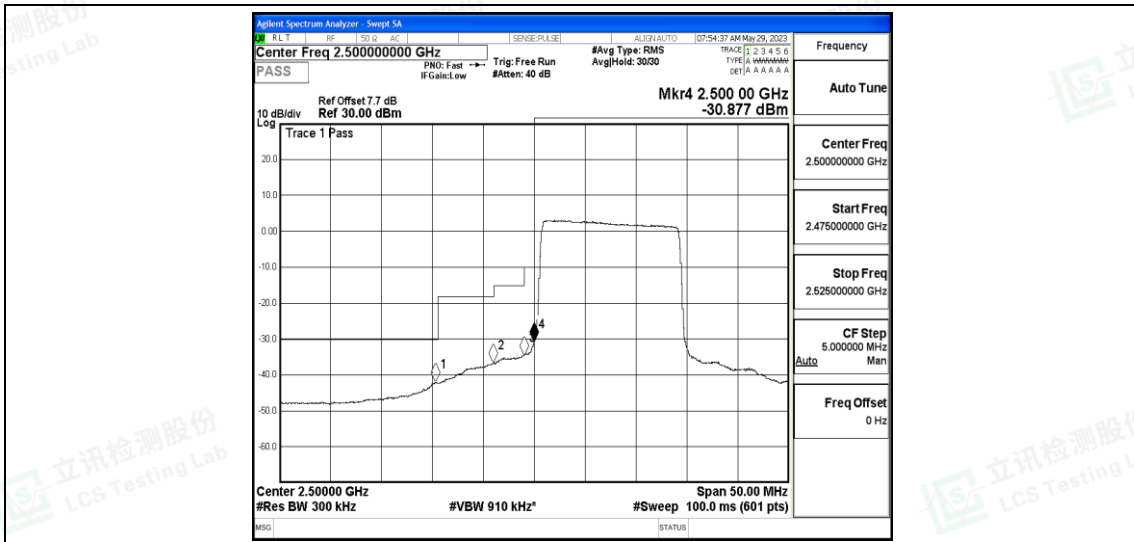
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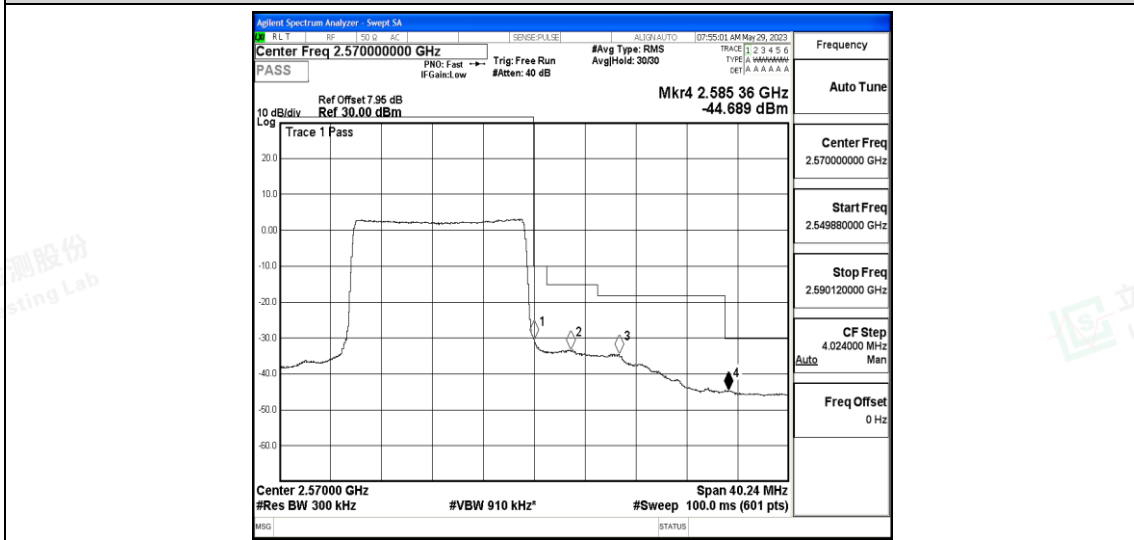
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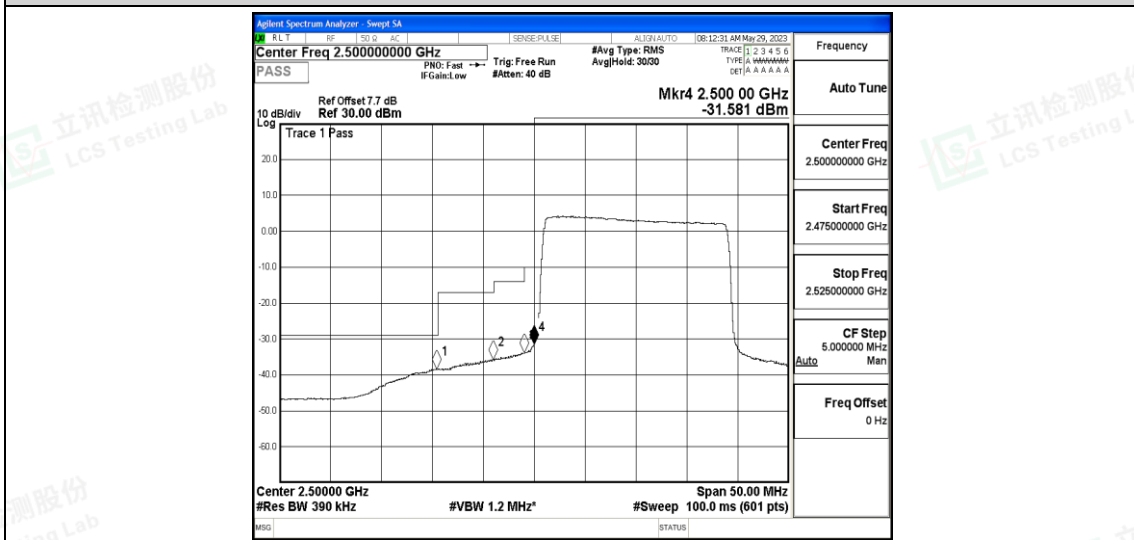
Shenzhen LCS Compliance Testing Laboratory Ltd.
 Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China
 Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com
 Scan code to check authenticity



Band7-15MHz-16QAM-21375-75RB#0

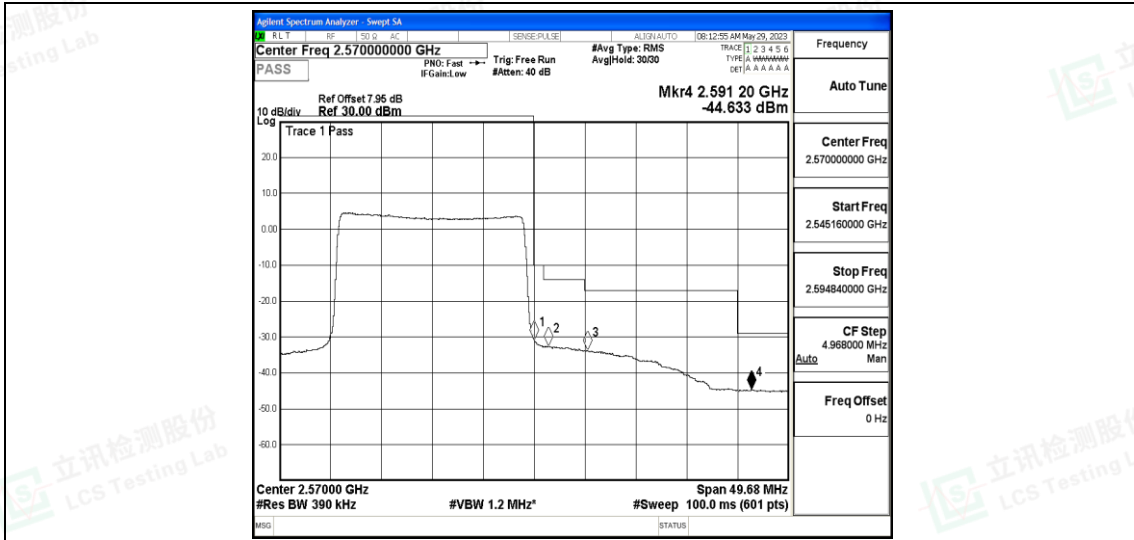


Band7-20MHz-QPSK-20850-100RB#0

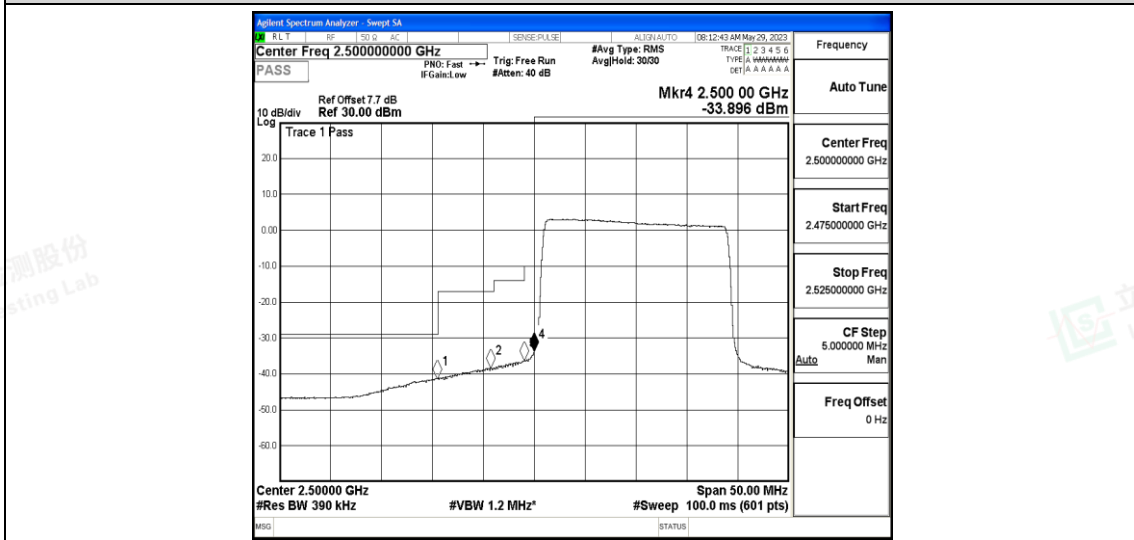


Band7-20MHz-QPSK-21350-100RB#0

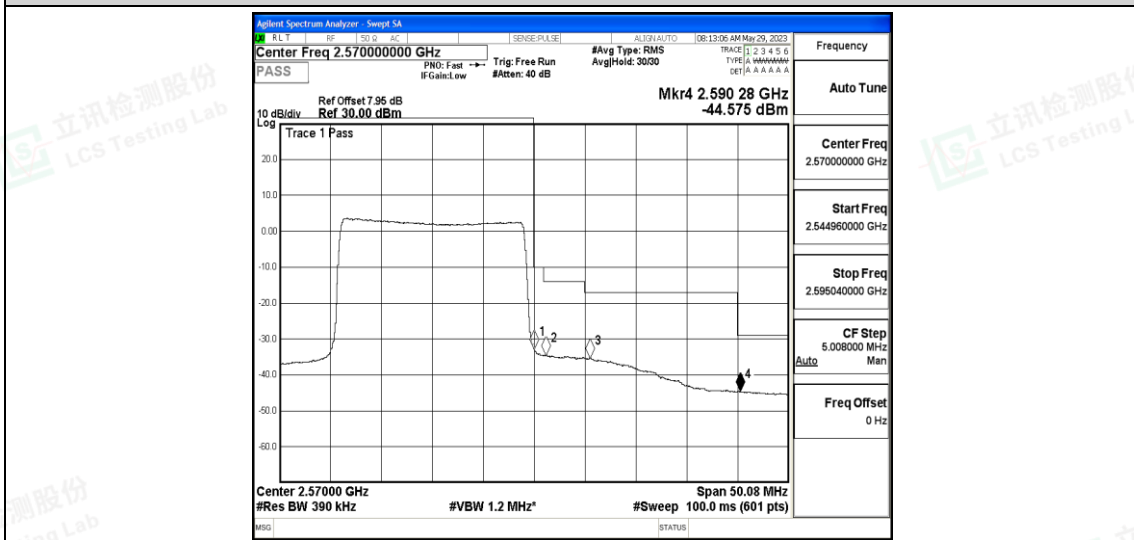




Band7-20MHz-16QAM-20850-100RB#0



Band7-20MHz-16QAM-21350-100RB#0





1.5 Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	Range1:0.009~0.15MHz	-66.31	PASS
Band7	5MHz	QPSK	20775	1RB#0	Range2:0.15~30MHz	-50.77	PASS
Band7	5MHz	QPSK	20775	1RB#0	Range3:30~1000MHz	-42.64	PASS
Band7	5MHz	QPSK	20775	1RB#0	Range4:1000~10000MHz	-37.79	PASS
Band7	5MHz	QPSK	20775	1RB#0	Range5:10000~20000MHz	-49.11	PASS
Band7	5MHz	QPSK	20775	1RB#0	Range6:20000~26500MHz	-36.82	PASS
Band7	5MHz	QPSK	21100	1RB#0	Range1:0.009~0.15MHz	-64.41	PASS
Band7	5MHz	QPSK	21100	1RB#0	Range2:0.15~30MHz	-51.97	PASS
Band7	5MHz	QPSK	21100	1RB#0	Range3:30~1000MHz	-42.22	PASS
Band7	5MHz	QPSK	21100	1RB#0	Range4:1000~10000MHz	-35.23	PASS
Band7	5MHz	QPSK	21100	1RB#0	Range5:10000~20000MHz	-49.01	PASS
Band7	5MHz	QPSK	21100	1RB#0	Range6:20000~26500MHz	-36.85	PASS
Band7	5MHz	QPSK	21425	1RB#0	Range1:0.009~0.15MHz	-65.47	PASS
Band7	5MHz	QPSK	21425	1RB#0	Range2:0.15~30MHz	-50.47	PASS
Band7	5MHz	QPSK	21425	1RB#0	Range3:30~1000MHz	-41.91	PASS
Band7	5MHz	QPSK	21425	1RB#0	Range4:1000~10000MHz	-31.79	PASS
Band7	5MHz	QPSK	21425	1RB#0	Range5:10000~20000MHz	-48.89	PASS
Band7	5MHz	QPSK	21425	1RB#0	Range6:20000~26500MHz	-36.79	PASS
Band7	5MHz	16QAM	20775	1RB#0	Range1:0.009~0.15MHz	-66.67	PASS
Band7	5MHz	16QAM	20775	1RB#0	Range2:0.15~30MHz	-52.07	PASS
Band7	5MHz	16QAM	20775	1RB#0	Range3:30~1000MHz	-41.21	PASS
Band7	5MHz	16QAM	20775	1RB#0	Range4:1000~10000MHz	-38.91	PASS
Band7	5MHz	16QAM	20775	1RB#0	Range5:10000~20000MHz	-48.87	PASS
Band7	5MHz	16QAM	20775	1RB#0	Range6:20000~26500MHz	-36.49	PASS
Band7	5MHz	16QAM	21100	1RB#0	Range1:0.009~0.15MHz	-63.59	PASS
Band7	5MHz	16QAM	21100	1RB#0	Range2:0.15~30MHz	-51.81	PASS
Band7	5MHz	16QAM	21100	1RB#0	Range3:30~1000MHz	-41.33	PASS
Band7	5MHz	16QAM	21100	1RB#0	Range4:1000~10000MHz	-35.82	PASS
Band7	5MHz	16QAM	21100	1RB#0	Range5:10000~20000MHz	-49.09	PASS
Band7	5MHz	16QAM	21100	1RB#0	Range6:20000~26500MHz	-36.82	PASS
Band7	5MHz	16QAM	21425	1RB#0	Range1:0.009~0.15MHz	-65.77	PASS
Band7	5MHz	16QAM	21425	1RB#0	Range2:0.15~30MHz	-49.96	PASS
Band7	5MHz	16QAM	21425	1RB#0	Range3:30~1000MHz	-41.96	PASS
Band7	5MHz	16QAM	21425	1RB#0	Range4:1000~10000MHz	-32.29	PASS
Band7	5MHz	16QAM	21425	1RB#0	Range5:10000~20000MHz	-49.06	PASS





Band7	5MHz	16QAM	21425	1RB#0	Range6:20000~26500MHz	-36.74	PASS
Band7	10MHz	QPSK	20800	1RB#0	Range1:0.009~0.15MHz	-65.71	PASS
Band7	10MHz	QPSK	20800	1RB#0	Range2:0.15~30MHz	-49.55	PASS
Band7	10MHz	QPSK	20800	1RB#0	Range3:30~1000MHz	-41.38	PASS
Band7	10MHz	QPSK	20800	1RB#0	Range4:1000~10000MHz	-36.05	PASS
Band7	10MHz	QPSK	20800	1RB#0	Range5:10000~20000MHz	-48.91	PASS
Band7	10MHz	QPSK	20800	1RB#0	Range6:20000~26500MHz	-36.71	PASS
Band7	10MHz	QPSK	21100	1RB#0	Range1:0.009~0.15MHz	-66.6	PASS
Band7	10MHz	QPSK	21100	1RB#0	Range2:0.15~30MHz	-51.73	PASS
Band7	10MHz	QPSK	21100	1RB#0	Range3:30~1000MHz	-42.05	PASS
Band7	10MHz	QPSK	21100	1RB#0	Range4:1000~10000MHz	-36.74	PASS
Band7	10MHz	QPSK	21100	1RB#0	Range5:10000~20000MHz	-48.96	PASS
Band7	10MHz	QPSK	21100	1RB#0	Range6:20000~26500MHz	-36.84	PASS
Band7	10MHz	QPSK	21400	1RB#0	Range1:0.009~0.15MHz	-64.75	PASS
Band7	10MHz	QPSK	21400	1RB#0	Range2:0.15~30MHz	-50	PASS
Band7	10MHz	QPSK	21400	1RB#0	Range3:30~1000MHz	-41.88	PASS
Band7	10MHz	QPSK	21400	1RB#0	Range4:1000~10000MHz	-33.79	PASS
Band7	10MHz	QPSK	21400	1RB#0	Range5:10000~20000MHz	-48.94	PASS
Band7	10MHz	QPSK	21400	1RB#0	Range6:20000~26500MHz	-36.81	PASS
Band7	10MHz	16QAM	20800	1RB#0	Range1:0.009~0.15MHz	-65.84	PASS
Band7	10MHz	16QAM	20800	1RB#0	Range2:0.15~30MHz	-53.03	PASS
Band7	10MHz	16QAM	20800	1RB#0	Range3:30~1000MHz	-41.34	PASS
Band7	10MHz	16QAM	20800	1RB#0	Range4:1000~10000MHz	-37.79	PASS
Band7	10MHz	16QAM	20800	1RB#0	Range5:10000~20000MHz	-48.88	PASS
Band7	10MHz	16QAM	20800	1RB#0	Range6:20000~26500MHz	-36.65	PASS
Band7	10MHz	16QAM	21100	1RB#0	Range1:0.009~0.15MHz	-62.25	PASS
Band7	10MHz	16QAM	21100	1RB#0	Range2:0.15~30MHz	-49.8	PASS
Band7	10MHz	16QAM	21100	1RB#0	Range3:30~1000MHz	-41.77	PASS
Band7	10MHz	16QAM	21100	1RB#0	Range4:1000~10000MHz	-39.45	PASS
Band7	10MHz	16QAM	21100	1RB#0	Range5:10000~20000MHz	-49.05	PASS
Band7	10MHz	16QAM	21100	1RB#0	Range6:20000~26500MHz	-36.93	PASS
Band7	10MHz	16QAM	21400	1RB#0	Range1:0.009~0.15MHz	-64.95	PASS
Band7	10MHz	16QAM	21400	1RB#0	Range2:0.15~30MHz	-50.57	PASS
Band7	10MHz	16QAM	21400	1RB#0	Range3:30~1000MHz	-42.21	PASS
Band7	10MHz	16QAM	21400	1RB#0	Range4:1000~10000MHz	-33.47	PASS
Band7	10MHz	16QAM	21400	1RB#0	Range5:10000~20000MHz	-48.91	PASS
Band7	10MHz	16QAM	21400	1RB#0	Range6:20000~26500MHz	-36.86	PASS
Band7	15MHz	QPSK	20825	1RB#0	Range1:0.009~0.15MHz	-64.95	PASS
Band7	15MHz	QPSK	20825	1RB#0	Range2:0.15~30MHz	-51.85	PASS
Band7	15MHz	QPSK	20825	1RB#0	Range3:30~1000MHz	-41.99	PASS





Band7	15MHz	QPSK	20825	1RB#0	Range4:1000~10000MHz	-36	PASS
Band7	15MHz	QPSK	20825	1RB#0	Range5:10000~20000MHz	-49.06	PASS
Band7	15MHz	QPSK	20825	1RB#0	Range6:20000~26500MHz	-36.72	PASS
Band7	15MHz	QPSK	21100	1RB#0	Range1:0.009~0.15MHz	-65.17	PASS
Band7	15MHz	QPSK	21100	1RB#0	Range2:0.15~30MHz	-52.55	PASS
Band7	15MHz	QPSK	21100	1RB#0	Range3:30~1000MHz	-42.19	PASS
Band7	15MHz	QPSK	21100	1RB#0	Range4:1000~10000MHz	-37.8	PASS
Band7	15MHz	QPSK	21100	1RB#0	Range5:10000~20000MHz	-49.04	PASS
Band7	15MHz	QPSK	21100	1RB#0	Range6:20000~26500MHz	-36.67	PASS
Band7	15MHz	QPSK	21375	1RB#0	Range1:0.009~0.15MHz	-65.48	PASS
Band7	15MHz	QPSK	21375	1RB#0	Range2:0.15~30MHz	-51.43	PASS
Band7	15MHz	QPSK	21375	1RB#0	Range3:30~1000MHz	-42.22	PASS
Band7	15MHz	QPSK	21375	1RB#0	Range4:1000~10000MHz	-34.08	PASS
Band7	15MHz	QPSK	21375	1RB#0	Range5:10000~20000MHz	-48.93	PASS
Band7	15MHz	QPSK	21375	1RB#0	Range6:20000~26500MHz	-36.75	PASS
Band7	15MHz	16QAM	20825	1RB#0	Range1:0.009~0.15MHz	-65.78	PASS
Band7	15MHz	16QAM	20825	1RB#0	Range2:0.15~30MHz	-51.12	PASS
Band7	15MHz	16QAM	20825	1RB#0	Range3:30~1000MHz	-41.87	PASS
Band7	15MHz	16QAM	20825	1RB#0	Range4:1000~10000MHz	-38.08	PASS
Band7	15MHz	16QAM	20825	1RB#0	Range5:10000~20000MHz	-49.04	PASS
Band7	15MHz	16QAM	20825	1RB#0	Range6:20000~26500MHz	-36.77	PASS
Band7	15MHz	16QAM	21100	1RB#0	Range1:0.009~0.15MHz	-65.37	PASS
Band7	15MHz	16QAM	21100	1RB#0	Range2:0.15~30MHz	-52.26	PASS
Band7	15MHz	16QAM	21100	1RB#0	Range3:30~1000MHz	-41.61	PASS
Band7	15MHz	16QAM	21100	1RB#0	Range4:1000~10000MHz	-39.28	PASS
Band7	15MHz	16QAM	21100	1RB#0	Range5:10000~20000MHz	-48.99	PASS
Band7	15MHz	16QAM	21100	1RB#0	Range6:20000~26500MHz	-36.81	PASS
Band7	15MHz	16QAM	21375	1RB#0	Range1:0.009~0.15MHz	-65.22	PASS
Band7	15MHz	16QAM	21375	1RB#0	Range2:0.15~30MHz	-51.8	PASS
Band7	15MHz	16QAM	21375	1RB#0	Range3:30~1000MHz	-41.5	PASS
Band7	15MHz	16QAM	21375	1RB#0	Range4:1000~10000MHz	-34.61	PASS
Band7	15MHz	16QAM	21375	1RB#0	Range5:10000~20000MHz	-48.8	PASS
Band7	15MHz	16QAM	21375	1RB#0	Range6:20000~26500MHz	-36.85	PASS
Band7	20MHz	QPSK	20850	1RB#0	Range1:0.009~0.15MHz	-65.38	PASS
Band7	20MHz	QPSK	20850	1RB#0	Range2:0.15~30MHz	-50.31	PASS
Band7	20MHz	QPSK	20850	1RB#0	Range3:30~1000MHz	-42.23	PASS
Band7	20MHz	QPSK	20850	1RB#0	Range4:1000~10000MHz	-36.22	PASS
Band7	20MHz	QPSK	20850	1RB#0	Range5:10000~20000MHz	-48.83	PASS
Band7	20MHz	QPSK	20850	1RB#0	Range6:20000~26500MHz	-36.7	PASS
Band7	20MHz	QPSK	21100	1RB#0	Range1:0.009~0.15MHz	-64.85	PASS





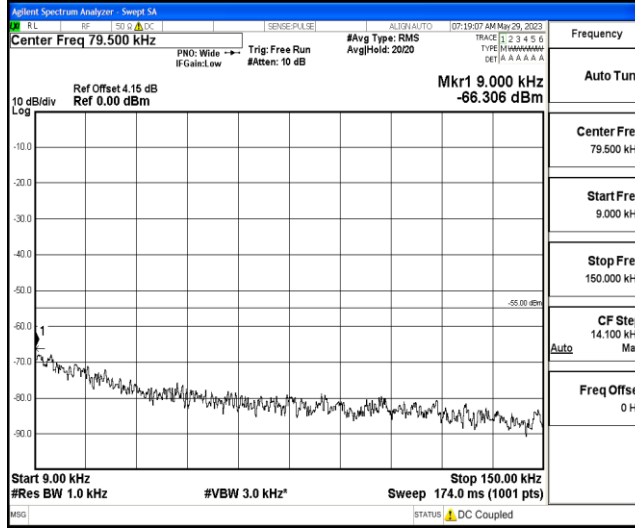
Band7	20MHz	QPSK	21100	1RB#0	Range2:0.15~30MHz	-50.99	PASS
Band7	20MHz	QPSK	21100	1RB#0	Range3:30~1000MHz	-40.95	PASS
Band7	20MHz	QPSK	21100	1RB#0	Range4:1000~10000MHz	-34.66	PASS
Band7	20MHz	QPSK	21100	1RB#0	Range5:10000~20000MHz	-48.98	PASS
Band7	20MHz	QPSK	21100	1RB#0	Range6:20000~26500MHz	-36.62	PASS
Band7	20MHz	QPSK	21350	1RB#0	Range1:0.009~0.15MHz	-65.37	PASS
Band7	20MHz	QPSK	21350	1RB#0	Range2:0.15~30MHz	-51.42	PASS
Band7	20MHz	QPSK	21350	1RB#0	Range3:30~1000MHz	-40.9	PASS
Band7	20MHz	QPSK	21350	1RB#0	Range4:1000~10000MHz	-35.26	PASS
Band7	20MHz	QPSK	21350	1RB#0	Range5:10000~20000MHz	-48.97	PASS
Band7	20MHz	QPSK	21350	1RB#0	Range6:20000~26500MHz	-36.67	PASS
Band7	20MHz	16QAM	20850	1RB#0	Range1:0.009~0.15MHz	-64.63	PASS
Band7	20MHz	16QAM	20850	1RB#0	Range2:0.15~30MHz	-51.41	PASS
Band7	20MHz	16QAM	20850	1RB#0	Range3:30~1000MHz	-41.57	PASS
Band7	20MHz	16QAM	20850	1RB#0	Range4:1000~10000MHz	-37.25	PASS
Band7	20MHz	16QAM	20850	1RB#0	Range5:10000~20000MHz	-49.08	PASS
Band7	20MHz	16QAM	20850	1RB#0	Range6:20000~26500MHz	-36.91	PASS
Band7	20MHz	16QAM	21100	1RB#0	Range1:0.009~0.15MHz	-65.38	PASS
Band7	20MHz	16QAM	21100	1RB#0	Range2:0.15~30MHz	-52.13	PASS
Band7	20MHz	16QAM	21100	1RB#0	Range3:30~1000MHz	-40.77	PASS
Band7	20MHz	16QAM	21100	1RB#0	Range4:1000~10000MHz	-35.4	PASS
Band7	20MHz	16QAM	21100	1RB#0	Range5:10000~20000MHz	-48.94	PASS
Band7	20MHz	16QAM	21100	1RB#0	Range6:20000~26500MHz	-36.78	PASS
Band7	20MHz	16QAM	21350	1RB#0	Range1:0.009~0.15MHz	-65.89	PASS
Band7	20MHz	16QAM	21350	1RB#0	Range2:0.15~30MHz	-53.01	PASS
Band7	20MHz	16QAM	21350	1RB#0	Range3:30~1000MHz	-41.46	PASS
Band7	20MHz	16QAM	21350	1RB#0	Range4:1000~10000MHz	-35.47	PASS
Band7	20MHz	16QAM	21350	1RB#0	Range5:10000~20000MHz	-48.88	PASS
Band7	20MHz	16QAM	21350	1RB#0	Range6:20000~26500MHz	-36.86	PASS



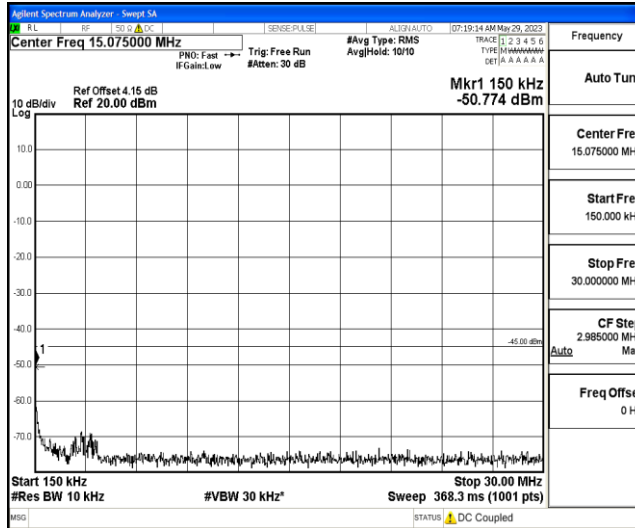


Test Graphs

Band7-5MHz-QPSK-20775-1RB#0-Range1:0.009~0.15MHz



Band7-5MHz-QPSK-20775-1RB#0-Range2:0.15~30MHz



Band7-5MHz-QPSK-20775-1RB#0-Range3:30~1000MHz

