



Appendix J Test Data for E-UTRA Band 5

Product Name: Handheld Controller

Test Model: iHand55

Environmental Conditions

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





J.1 Conducted Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	22.85	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	23.27	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	22.77	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	23.20	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	22.74	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	23.23	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	22.70	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	22.01	PASS
Band5	1.4MHz	QPSK	20407	3RB#1	22.65	PASS
Band5	1.4MHz	16QAM	20407	3RB#1	22.08	PASS
Band5	1.4MHz	QPSK	20407	3RB#3	22.73	PASS
Band5	1.4MHz	16QAM	20407	3RB#3	22.10	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	21.80	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	21.42	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	22.56	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	21.52	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	22.58	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	21.59	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	22.59	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	21.52	PASS
Band5	1.4MHz	QPSK	20525	3RB#0	22.29	PASS
Band5	1.4MHz	16QAM	20525	3RB#0	22.02	PASS
Band5	1.4MHz	QPSK	20525	3RB#1	22.29	PASS
Band5	1.4MHz	16QAM	20525	3RB#1	22.02	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	22.32	PASS
Band5	1.4MHz	16QAM	20525	3RB#3	22.00	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	21.86	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	21.27	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	22.59	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	22.30	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	22.49	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	22.33	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	22.39	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	22.07	PASS





Band5	1.4MHz	QPSK	20643	3RB#0	22.53	PASS
Band5	1.4MHz	16QAM	20643	3RB#0	22.17	PASS
Band5	1.4MHz	QPSK	20643	3RB#1	22.55	PASS
Band5	1.4MHz	16QAM	20643	3RB#1	22.16	PASS
Band5	1.4MHz	QPSK	20643	3RB#3	22.64	PASS
Band5	1.4MHz	16QAM	20643	3RB#3	22.01	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	21.85	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	21.45	PASS
Band5	3MHz	QPSK	20415	1RB#0	22.40	PASS
Band5	3MHz	16QAM	20415	1RB#0	21.84	PASS
Band5	3MHz	QPSK	20415	1RB#8	22.38	PASS
Band5	3MHz	16QAM	20415	1RB#8	21.74	PASS
Band5	3MHz	QPSK	20415	1RB#14	22.40	PASS
Band5	3MHz	16QAM	20415	1RB#14	21.83	PASS
Band5	3MHz	QPSK	20415	8RB#0	21.74	PASS
Band5	3MHz	16QAM	20415	8RB#0	21.28	PASS
Band5	3MHz	QPSK	20415	8RB#4	21.73	PASS
Band5	3MHz	16QAM	20415	8RB#4	21.28	PASS
Band5	3MHz	QPSK	20415	8RB#7	21.63	PASS
Band5	3MHz	16QAM	20415	8RB#7	21.35	PASS
Band5	3MHz	QPSK	20415	15RB#0	21.70	PASS
Band5	3MHz	16QAM	20415	15RB#0	21.13	PASS
Band5	3MHz	QPSK	20525	1RB#0	22.47	PASS
Band5	3MHz	16QAM	20525	1RB#0	21.53	PASS
Band5	3MHz	QPSK	20525	1RB#8	22.56	PASS
Band5	3MHz	16QAM	20525	1RB#8	21.57	PASS
Band5	3MHz	QPSK	20525	1RB#14	22.56	PASS
Band5	3MHz	16QAM	20525	1RB#14	21.54	PASS
Band5	3MHz	QPSK	20525	8RB#0	21.71	PASS
Band5	3MHz	16QAM	20525	8RB#0	21.35	PASS
Band5	3MHz	QPSK	20525	8RB#4	21.64	PASS
Band5	3MHz	16QAM	20525	8RB#4	21.35	PASS
Band5	3MHz	QPSK	20525	8RB#7	21.47	PASS
Band5	3MHz	16QAM	20525	8RB#7	21.37	PASS
Band5	3MHz	QPSK	20525	15RB#0	21.68	PASS
Band5	3MHz	16QAM	20525	15RB#0	21.02	PASS
Band5	3MHz	QPSK	20635	1RB#0	22.65	PASS
Band5	3MHz	16QAM	20635	1RB#0	22.50	PASS
Band5	3MHz	QPSK	20635	1RB#8	22.56	PASS
Band5	3MHz	16QAM	20635	1RB#8	22.49	PASS





Band5	3MHz	QPSK	20635	1RB#14	22.37	PASS
Band5	3MHz	16QAM	20635	1RB#14	22.04	PASS
Band5	3MHz	QPSK	20635	8RB#0	21.76	PASS
Band5	3MHz	16QAM	20635	8RB#0	21.37	PASS
Band5	3MHz	QPSK	20635	8RB#4	21.67	PASS
Band5	3MHz	16QAM	20635	8RB#4	21.37	PASS
Band5	3MHz	QPSK	20635	8RB#7	21.70	PASS
Band5	3MHz	16QAM	20635	8RB#7	21.23	PASS
Band5	3MHz	QPSK	20635	15RB#0	21.71	PASS
Band5	3MHz	16QAM	20635	15RB#0	21.24	PASS
Band5	5MHz	QPSK	20425	1RB#0	22.76	PASS
Band5	5MHz	16QAM	20425	1RB#0	21.56	PASS
Band5	5MHz	QPSK	20425	1RB#12	22.64	PASS
Band5	5MHz	16QAM	20425	1RB#12	21.54	PASS
Band5	5MHz	QPSK	20425	1RB#24	22.61	PASS
Band5	5MHz	16QAM	20425	1RB#24	21.57	PASS
Band5	5MHz	QPSK	20425	12RB#0	21.69	PASS
Band5	5MHz	16QAM	20425	12RB#0	21.19	PASS
Band5	5MHz	QPSK	20425	12RB#6	21.69	PASS
Band5	5MHz	16QAM	20425	12RB#6	21.19	PASS
Band5	5MHz	QPSK	20425	12RB#13	21.58	PASS
Band5	5MHz	16QAM	20425	12RB#13	21.22	PASS
Band5	5MHz	QPSK	20425	25RB#0	21.67	PASS
Band5	5MHz	16QAM	20425	25RB#0	21.20	PASS
Band5	5MHz	QPSK	20525	1RB#0	22.53	PASS
Band5	5MHz	16QAM	20525	1RB#0	22.48	PASS
Band5	5MHz	QPSK	20525	1RB#12	22.29	PASS
Band5	5MHz	16QAM	20525	1RB#12	22.60	PASS
Band5	5MHz	QPSK	20525	1RB#24	22.52	PASS
Band5	5MHz	16QAM	20525	1RB#24	22.57	PASS
Band5	5MHz	QPSK	20525	12RB#0	21.66	PASS
Band5	5MHz	16QAM	20525	12RB#0	21.13	PASS
Band5	5MHz	QPSK	20525	12RB#6	21.59	PASS
Band5	5MHz	16QAM	20525	12RB#6	21.13	PASS
Band5	5MHz	QPSK	20525	12RB#13	21.68	PASS
Band5	5MHz	16QAM	20525	12RB#13	21.27	PASS
Band5	5MHz	QPSK	20525	25RB#0	21.69	PASS
Band5	5MHz	16QAM	20525	25RB#0	21.15	PASS
Band5	5MHz	QPSK	20625	1RB#0	23.18	PASS
Band5	5MHz	16QAM	20625	1RB#0	22.23	PASS





Band5	5MHz	QPSK	20625	1RB#12	23.09	PASS
Band5	5MHz	16QAM	20625	1RB#12	22.25	PASS
Band5	5MHz	QPSK	20625	1RB#24	22.78	PASS
Band5	5MHz	16QAM	20625	1RB#24	22.03	PASS
Band5	5MHz	QPSK	20625	12RB#0	21.68	PASS
Band5	5MHz	16QAM	20625	12RB#0	21.12	PASS
Band5	5MHz	QPSK	20625	12RB#6	21.77	PASS
Band5	5MHz	16QAM	20625	12RB#6	21.14	PASS
Band5	5MHz	QPSK	20625	12RB#13	21.59	PASS
Band5	5MHz	16QAM	20625	12RB#13	21.18	PASS
Band5	5MHz	QPSK	20625	25RB#0	21.95	PASS
Band5	5MHz	16QAM	20625	25RB#0	21.36	PASS
Band5	10MHz	QPSK	20450	1RB#0	22.56	PASS
Band5	10MHz	16QAM	20450	1RB#0	22.42	PASS
Band5	10MHz	QPSK	20450	1RB#24	22.56	PASS
Band5	10MHz	16QAM	20450	1RB#24	22.26	PASS
Band5	10MHz	QPSK	20450	1RB#49	22.44	PASS
Band5	10MHz	16QAM	20450	1RB#49	22.26	PASS
Band5	10MHz	QPSK	20450	25RB#0	21.73	PASS
Band5	10MHz	16QAM	20450	25RB#0	21.35	PASS
Band5	10MHz	QPSK	20450	25RB#12	21.72	PASS
Band5	10MHz	16QAM	20450	25RB#12	21.35	PASS
Band5	10MHz	QPSK	20450	25RB#25	21.63	PASS
Band5	10MHz	16QAM	20450	25RB#25	21.17	PASS
Band5	10MHz	QPSK	20450	50RB#0	21.81	PASS
Band5	10MHz	16QAM	20450	50RB#0	21.13	PASS
Band5	10MHz	QPSK	20525	1RB#0	22.59	PASS
Band5	10MHz	16QAM	20525	1RB#0	22.31	PASS
Band5	10MHz	QPSK	20525	1RB#24	22.49	PASS
Band5	10MHz	16QAM	20525	1RB#24	22.37	PASS
Band5	10MHz	QPSK	20525	1RB#49	22.70	PASS
Band5	10MHz	16QAM	20525	1RB#49	22.30	PASS
Band5	10MHz	QPSK	20525	25RB#0	21.74	PASS
Band5	10MHz	16QAM	20525	25RB#0	21.33	PASS
Band5	10MHz	QPSK	20525	25RB#12	21.61	PASS
Band5	10MHz	16QAM	20525	25RB#12	21.33	PASS
Band5	10MHz	QPSK	20525	25RB#25	21.86	PASS
Band5	10MHz	16QAM	20525	25RB#25	21.24	PASS
Band5	10MHz	QPSK	20525	50RB#0	21.50	PASS
Band5	10MHz	16QAM	20525	50RB#0	21.25	PASS





Band5	10MHz	QPSK	20600	1RB#0	22.56	PASS
Band5	10MHz	16QAM	20600	1RB#0	22.77	PASS
Band5	10MHz	QPSK	20600	1RB#24	22.58	PASS
Band5	10MHz	16QAM	20600	1RB#24	22.75	PASS
Band5	10MHz	QPSK	20600	1RB#49	22.53	PASS
Band5	10MHz	16QAM	20600	1RB#49	22.57	PASS
Band5	10MHz	QPSK	20600	25RB#0	21.80	PASS
Band5	10MHz	16QAM	20600	25RB#0	21.43	PASS
Band5	10MHz	QPSK	20600	25RB#12	21.67	PASS
Band5	10MHz	16QAM	20600	25RB#12	21.45	PASS
Band5	10MHz	QPSK	20600	25RB#25	21.78	PASS
Band5	10MHz	16QAM	20600	25RB#25	21.43	PASS
Band5	10MHz	QPSK	20600	50RB#0	21.46	PASS
Band5	10MHz	16QAM	20600	50RB#0	21.26	PASS





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

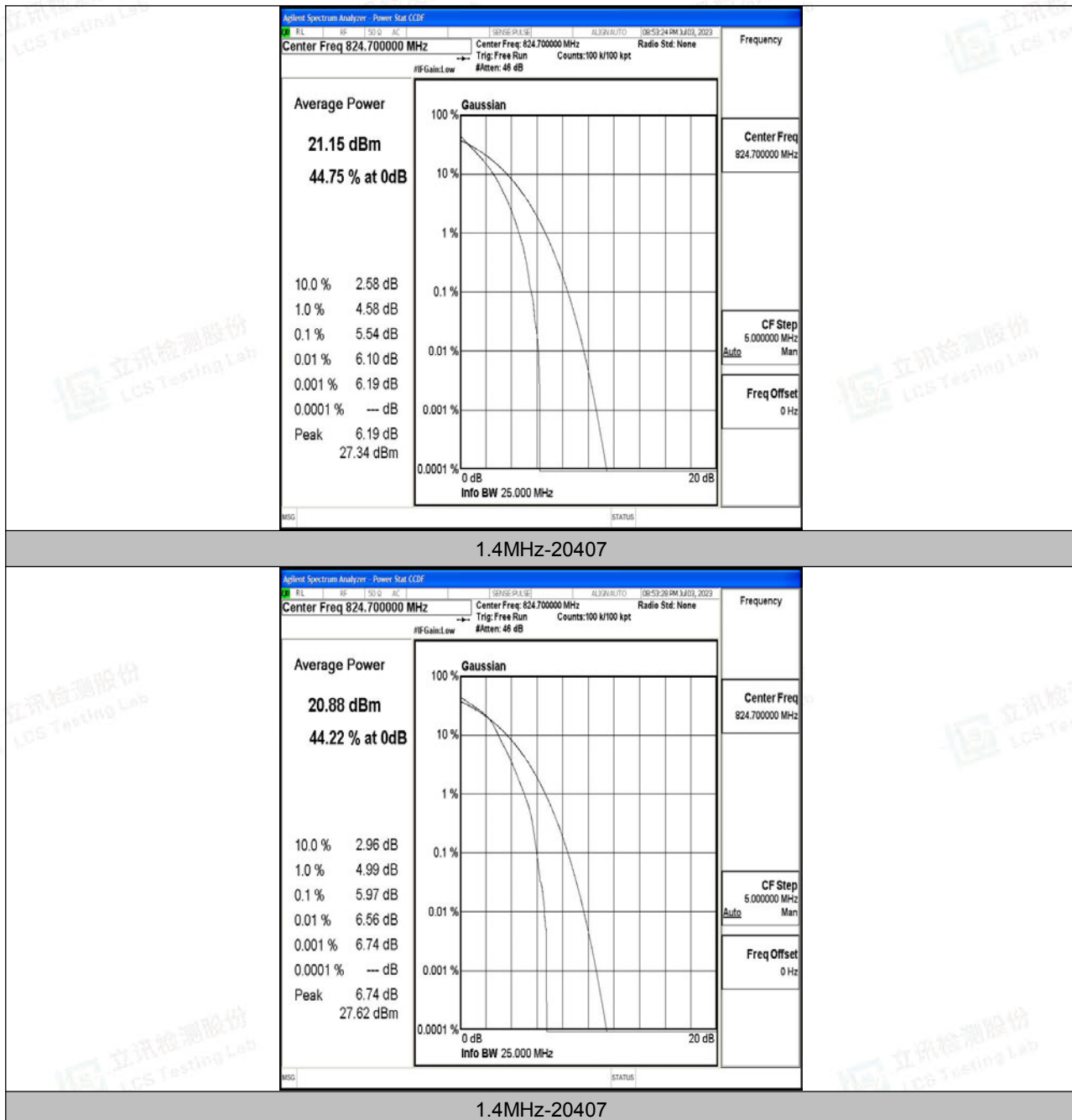
Test Result

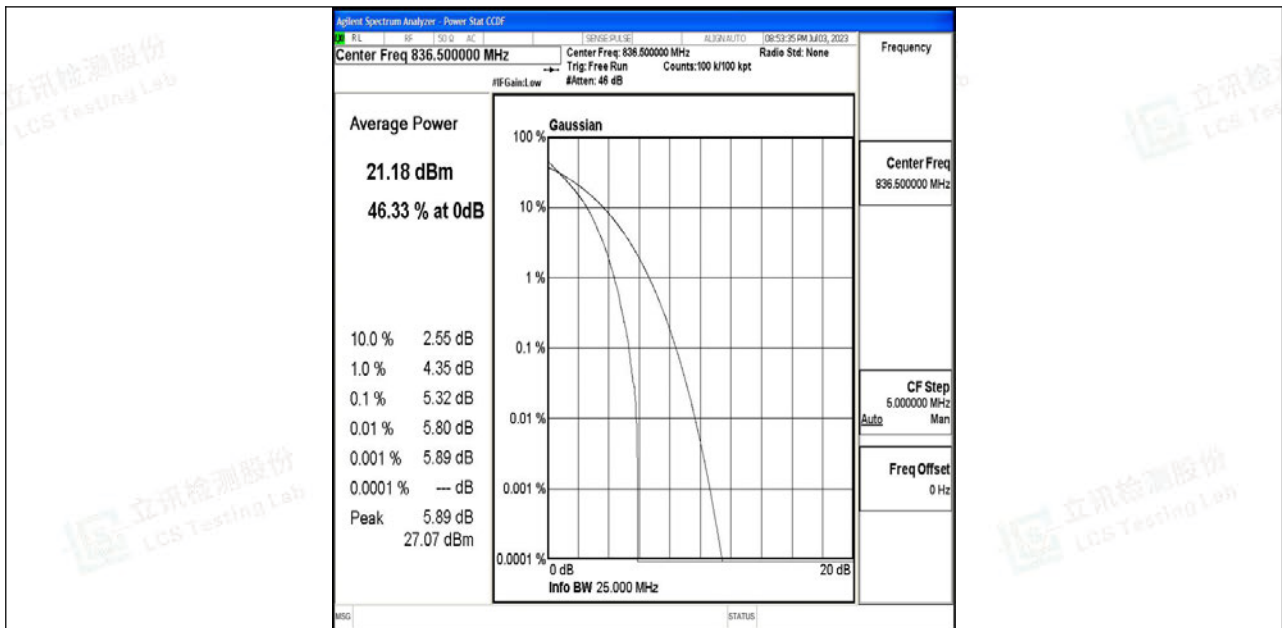
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	5.54	13	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	5.97	13	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	5.32	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	5.76	13	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	4.68	13	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	5.14	13	PASS
Band5	3MHz	QPSK	20415	15RB#0	5.61	13	PASS
Band5	3MHz	16QAM	20415	15RB#0	6.27	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	5.33	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	6.04	13	PASS
Band5	3MHz	QPSK	20635	15RB#0	4.88	13	PASS
Band5	3MHz	16QAM	20635	15RB#0	5.49	13	PASS
Band5	5MHz	QPSK	20425	25RB#0	5.64	13	PASS
Band5	5MHz	16QAM	20425	25RB#0	6.13	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	5.30	13	PASS
Band5	5MHz	16QAM	20525	25RB#0	5.84	13	PASS
Band5	5MHz	QPSK	20625	25RB#0	5.05	13	PASS
Band5	5MHz	16QAM	20625	25RB#0	5.61	13	PASS
Band5	10MHz	QPSK	20450	50RB#0	5.55	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	6.05	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.37	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	6.07	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	5.23	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	5.74	13	PASS



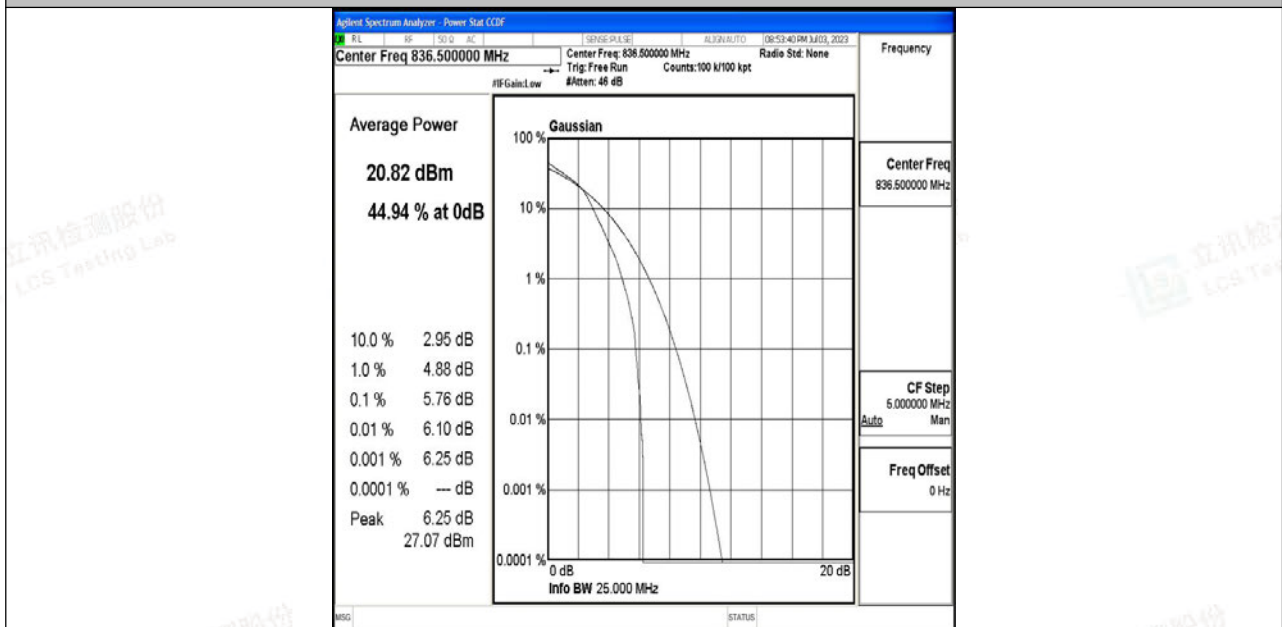


Test Graphs



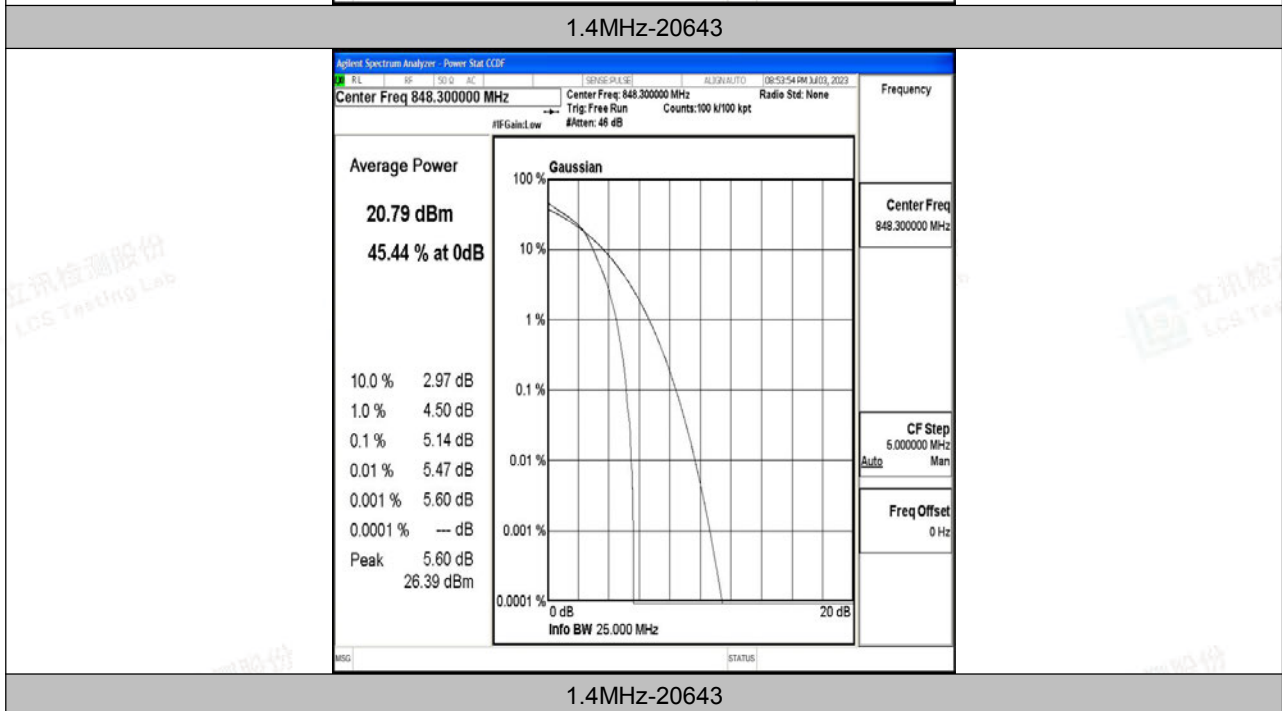
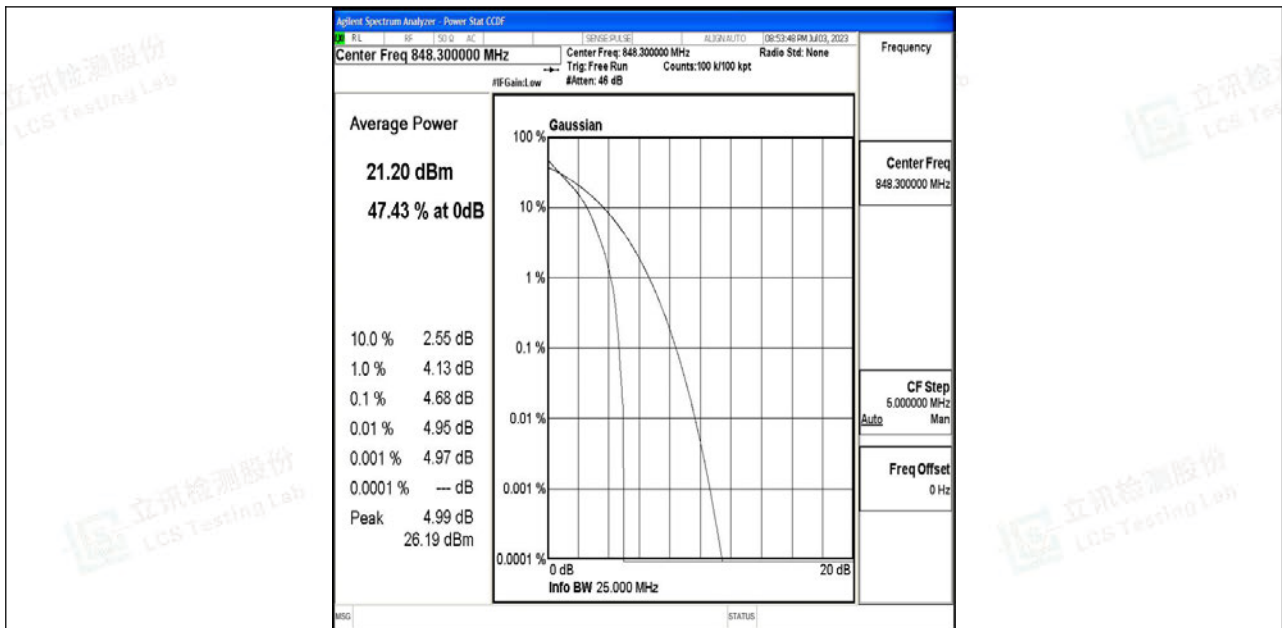


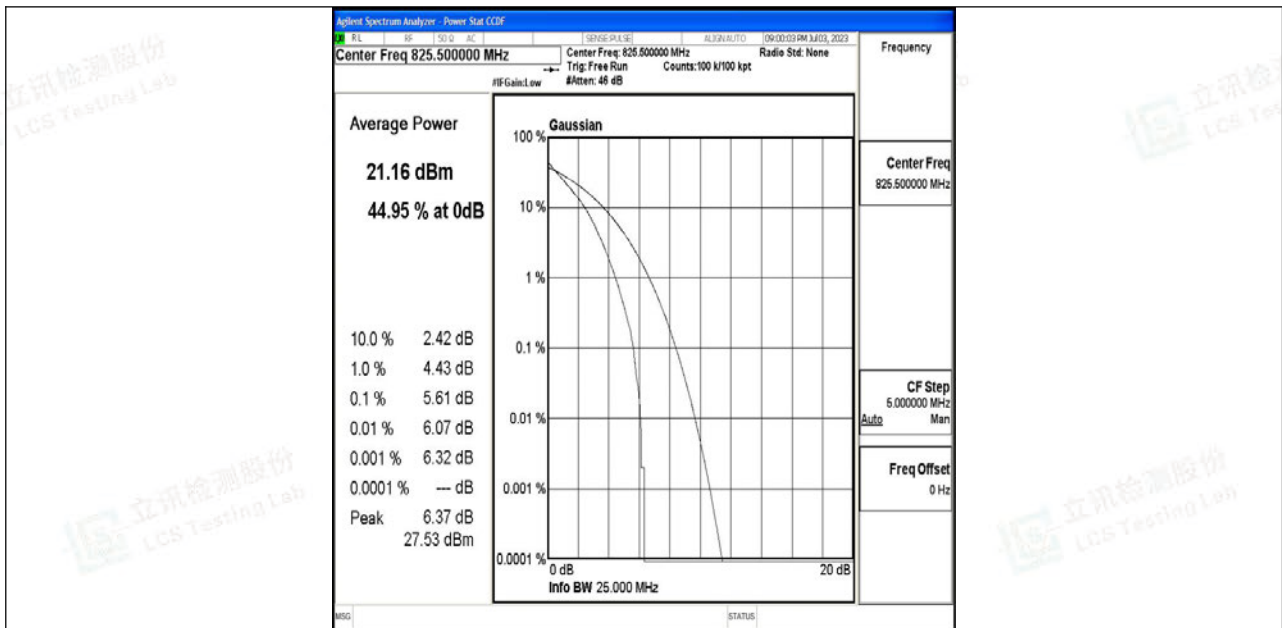
1.4MHz-20525



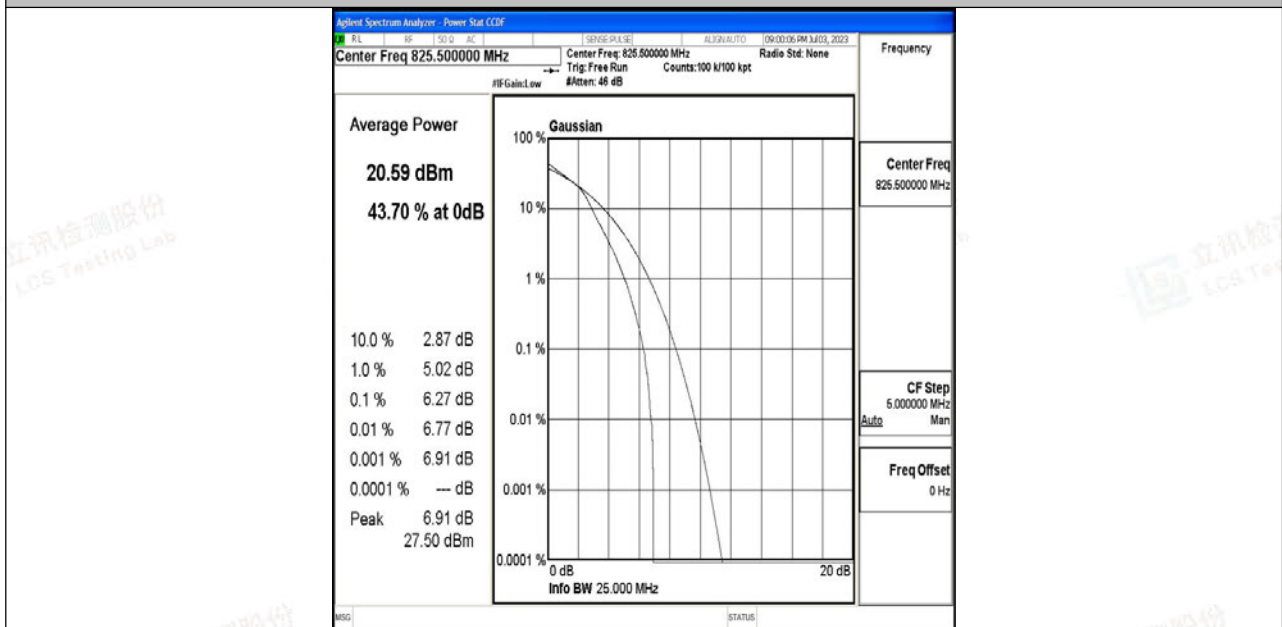
1.4MHz-20525





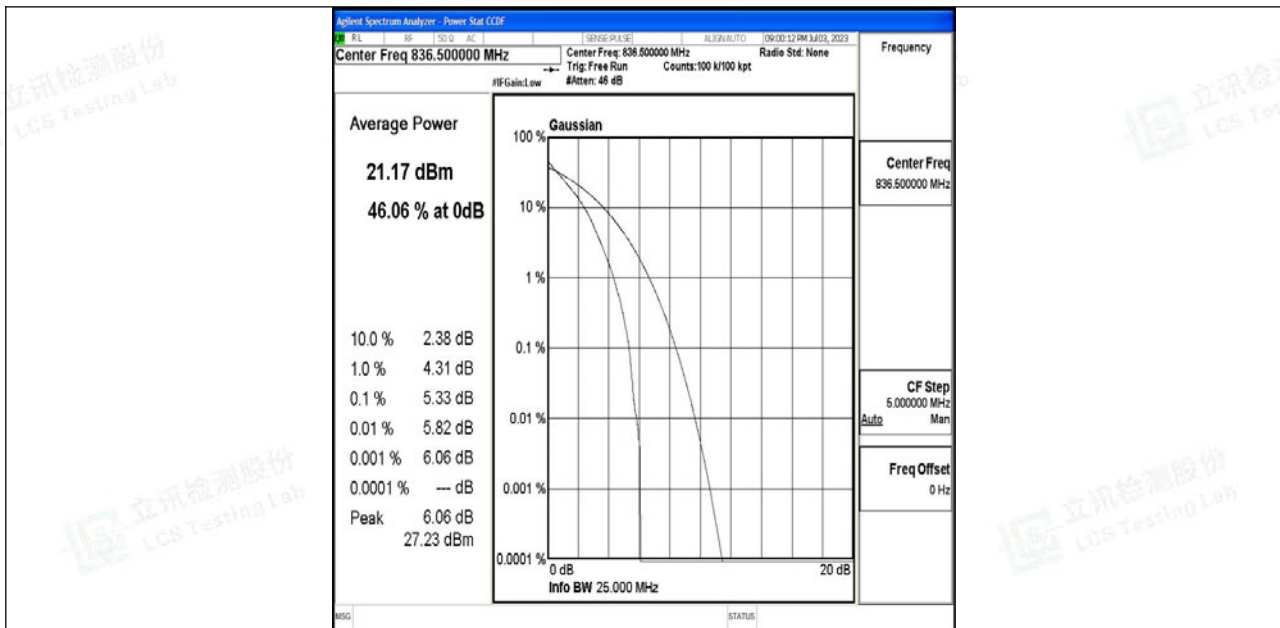


3MHz-20415

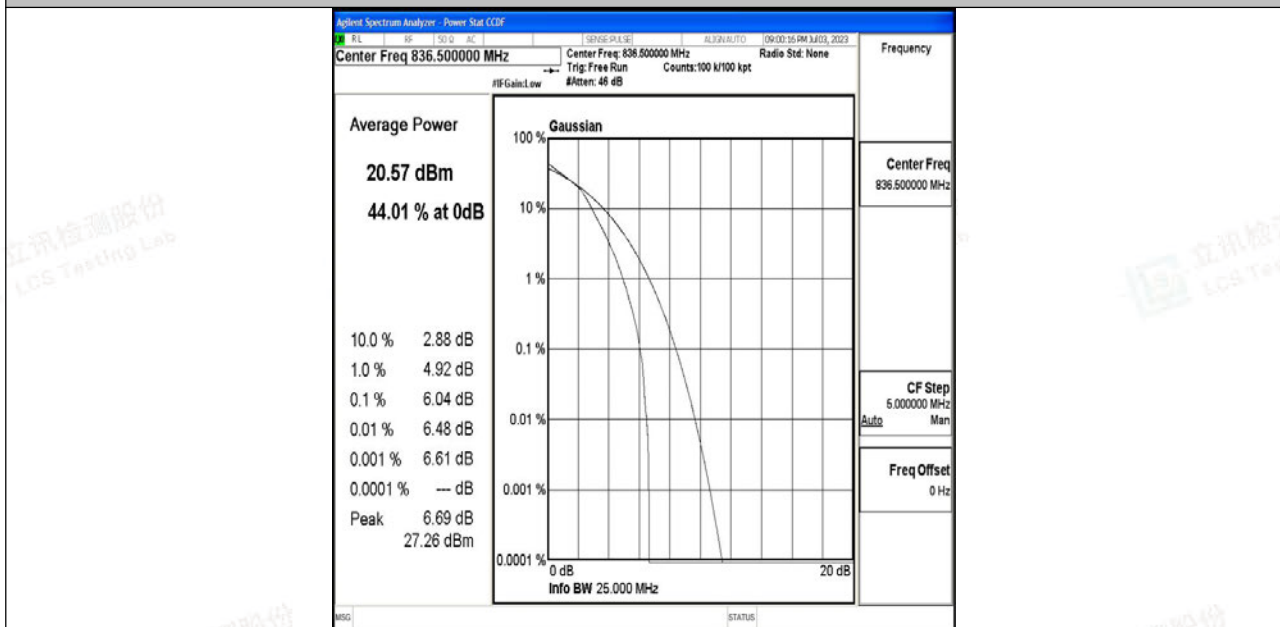


3MHz-20415



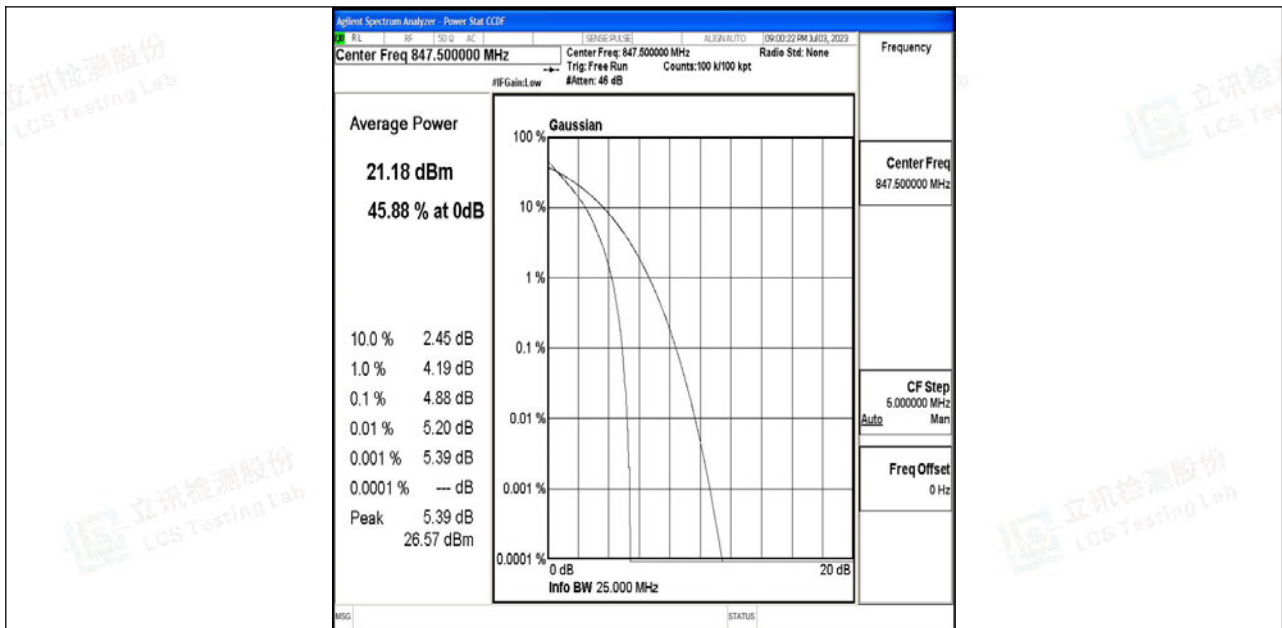


3MHz-20525

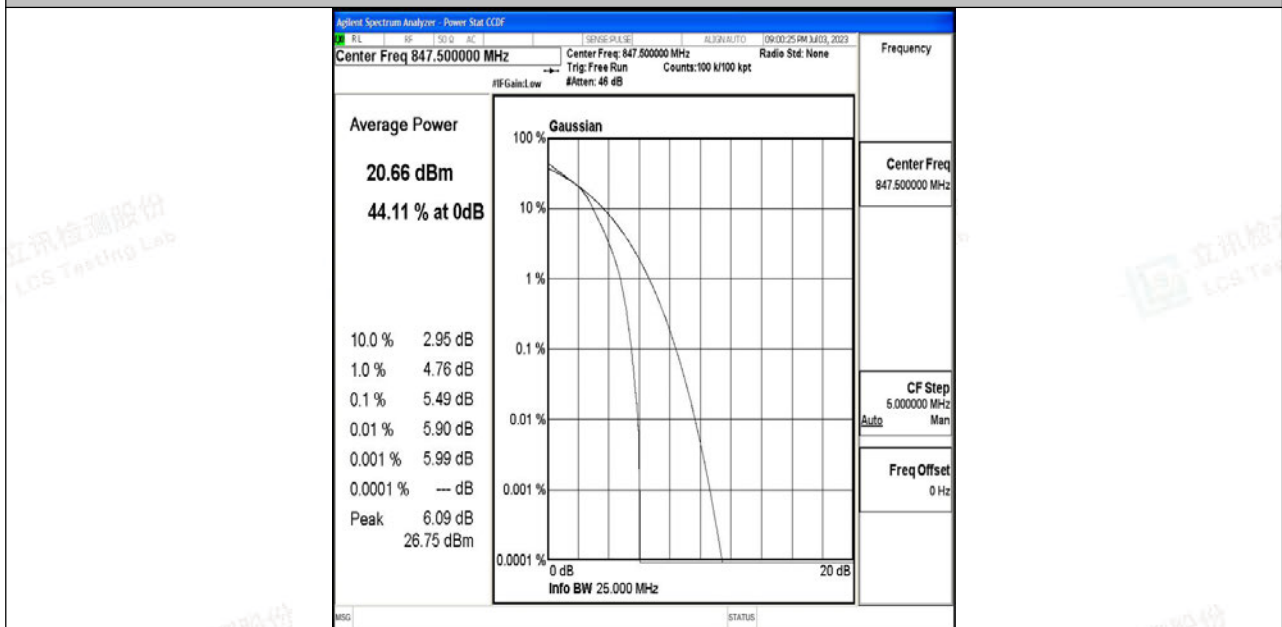


3MHz-20525



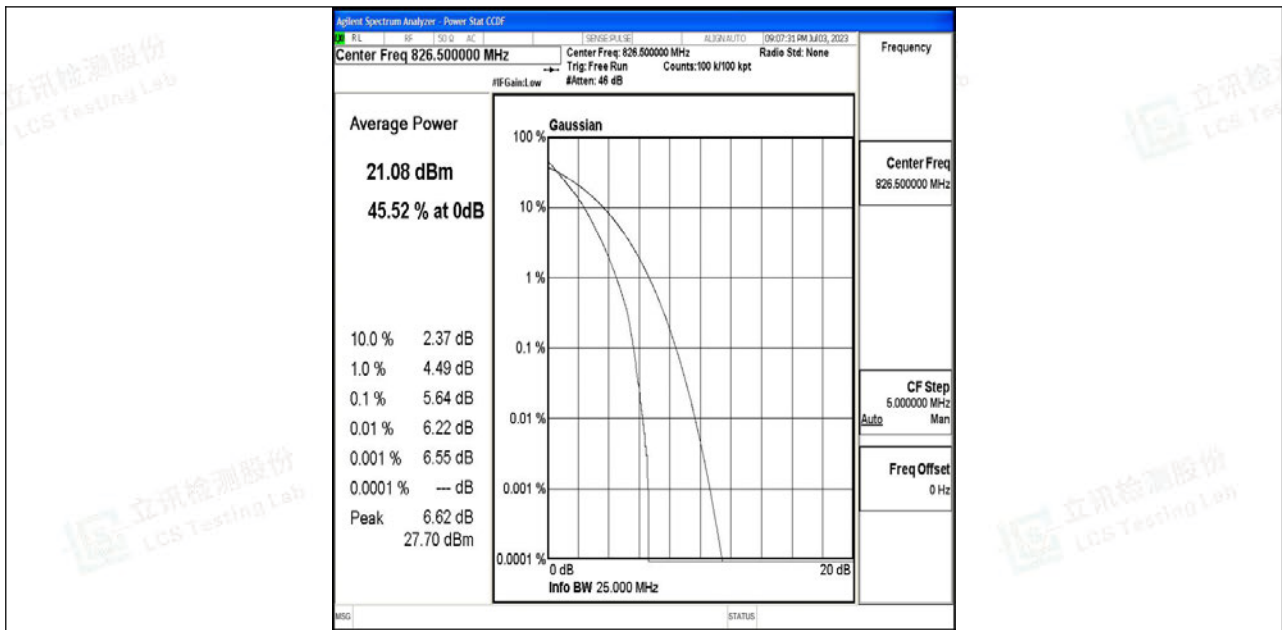


3MHz-20635

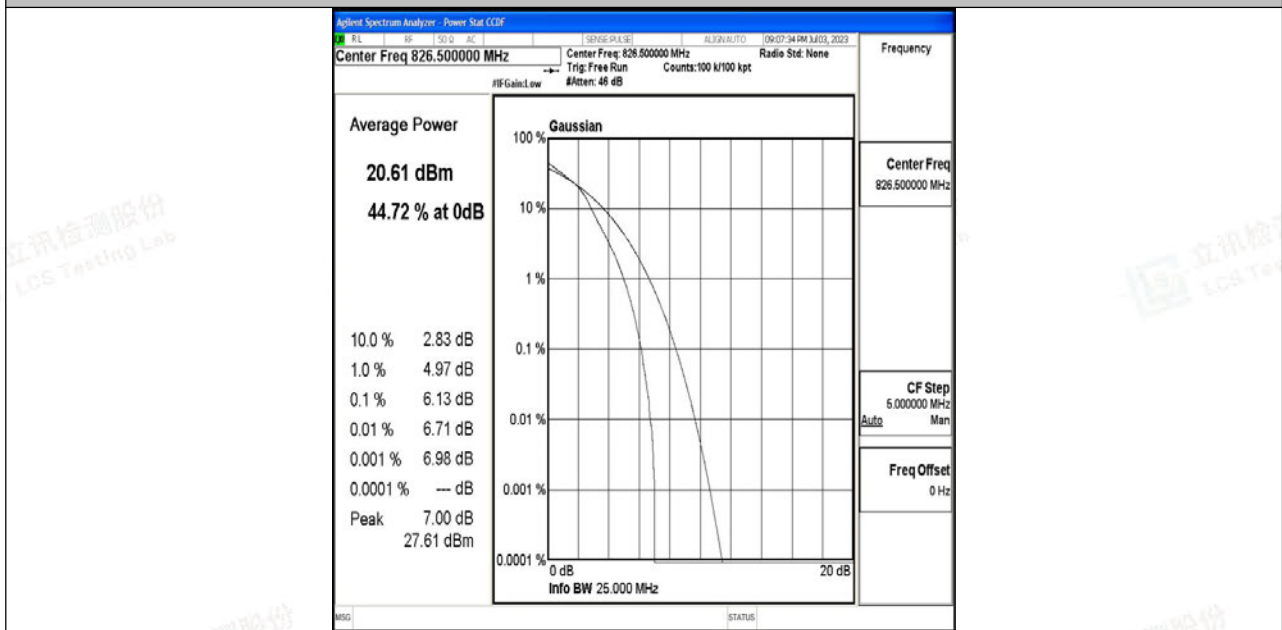


3MHz-20635



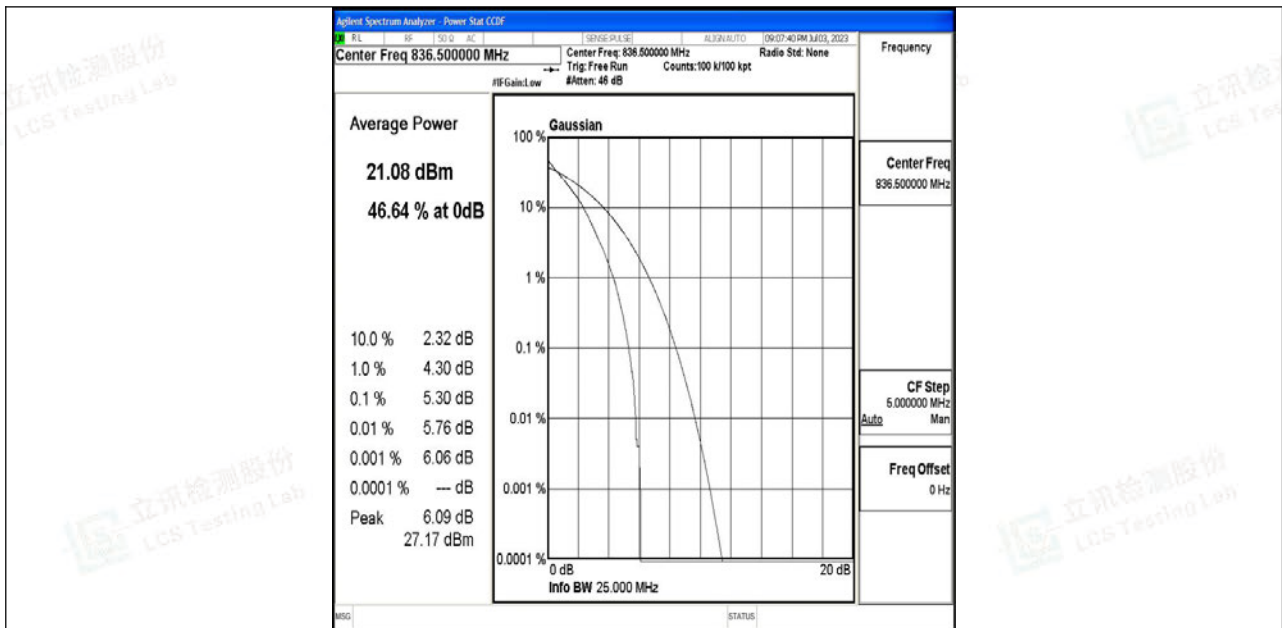


5MHz-20425

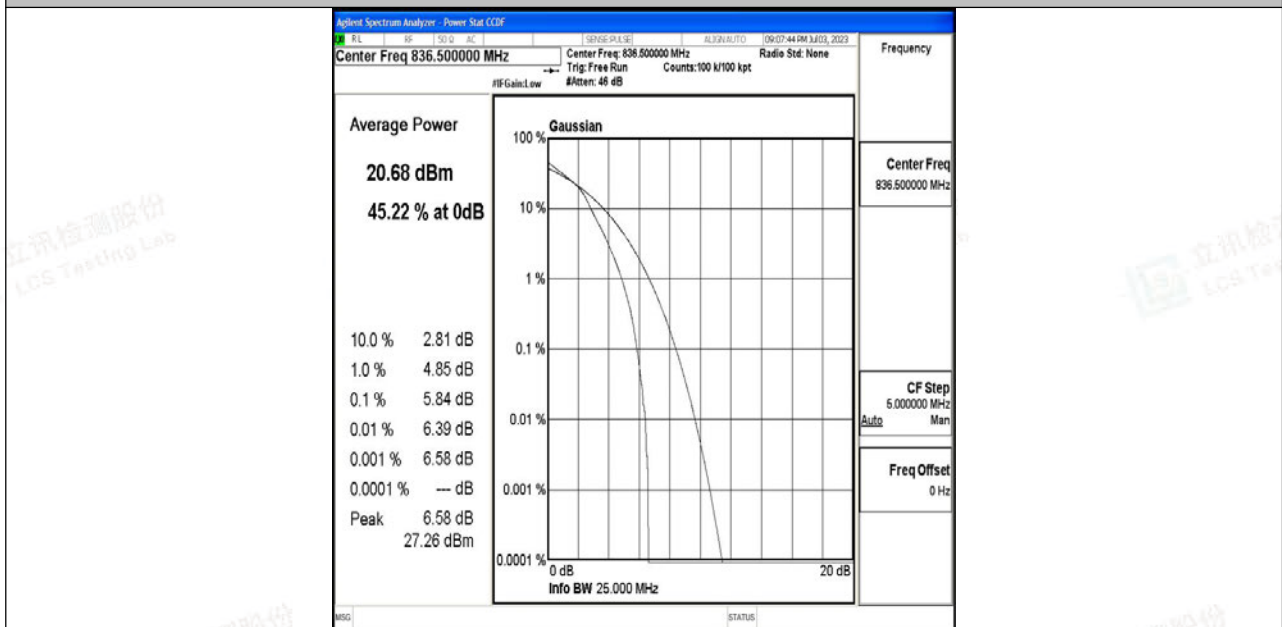


5MHz-20425



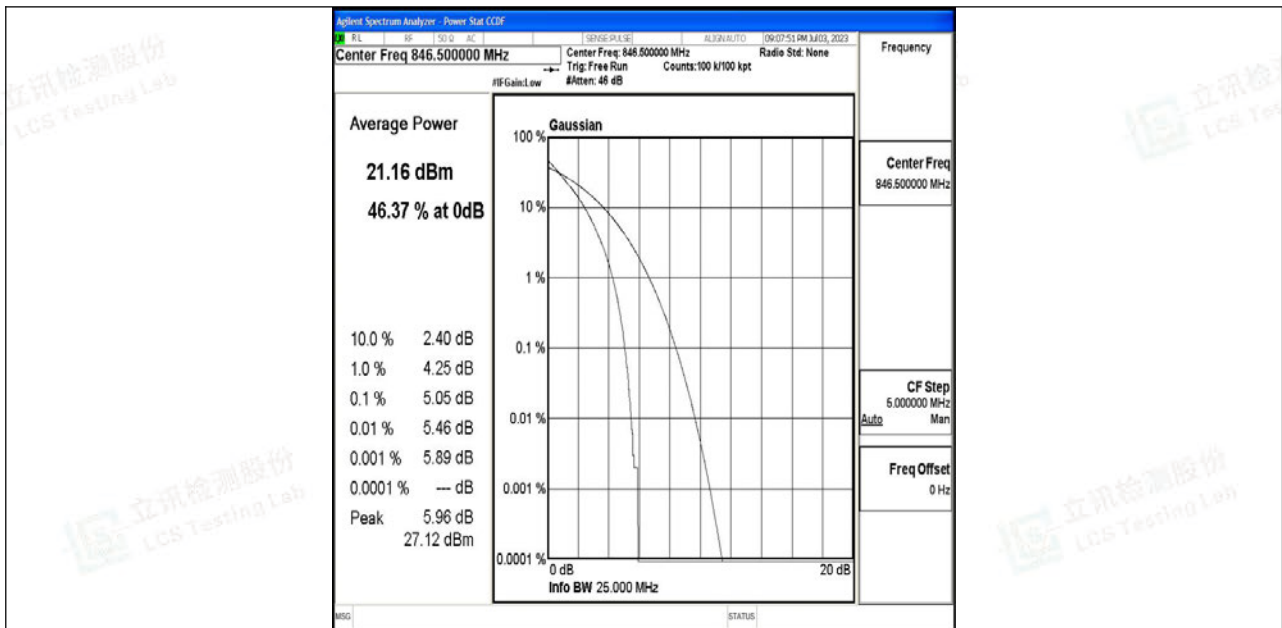


5MHz-20525

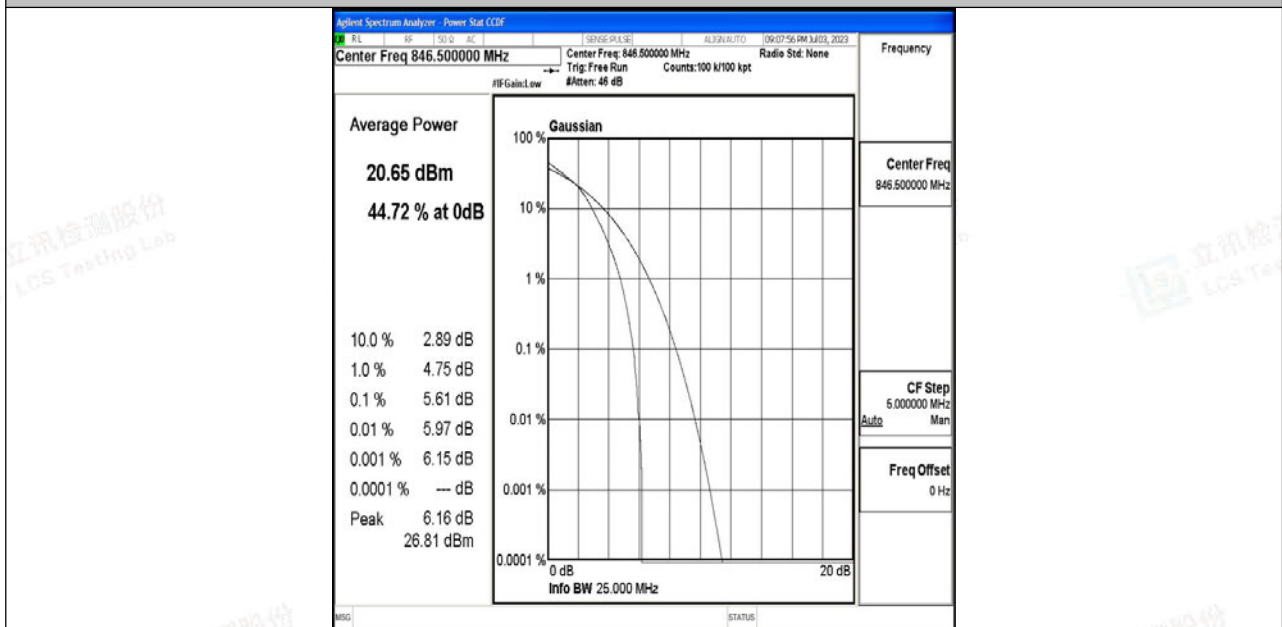


5MHz-20525



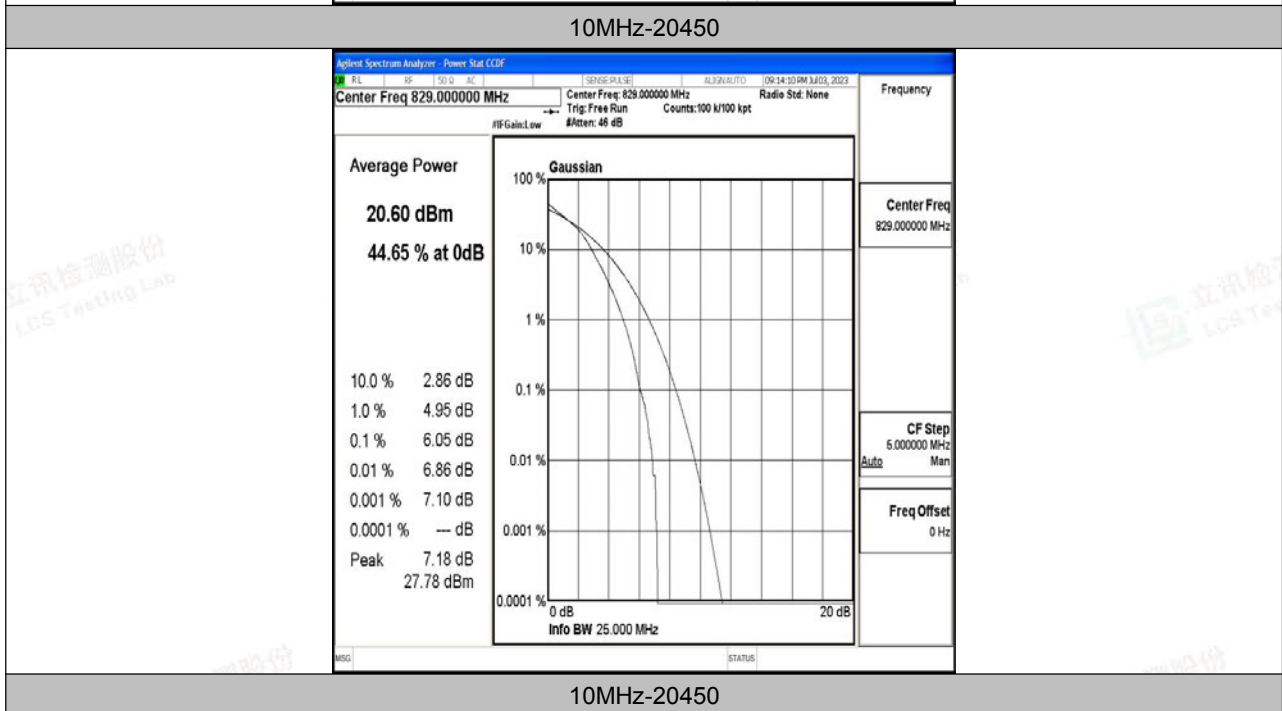
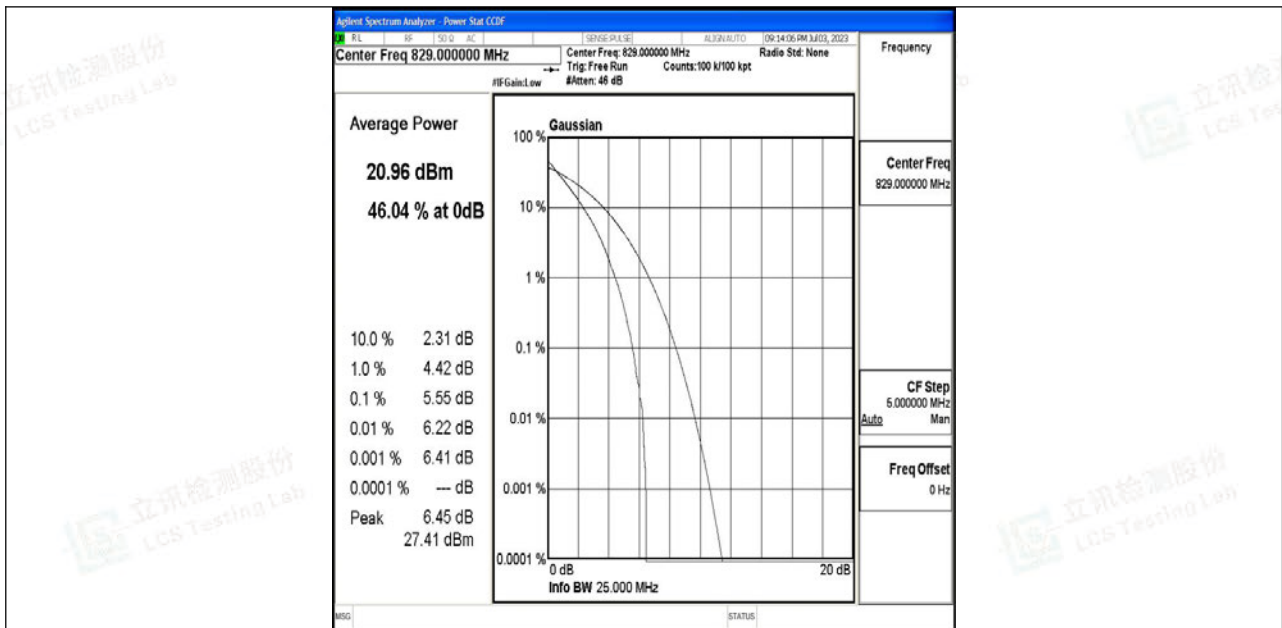


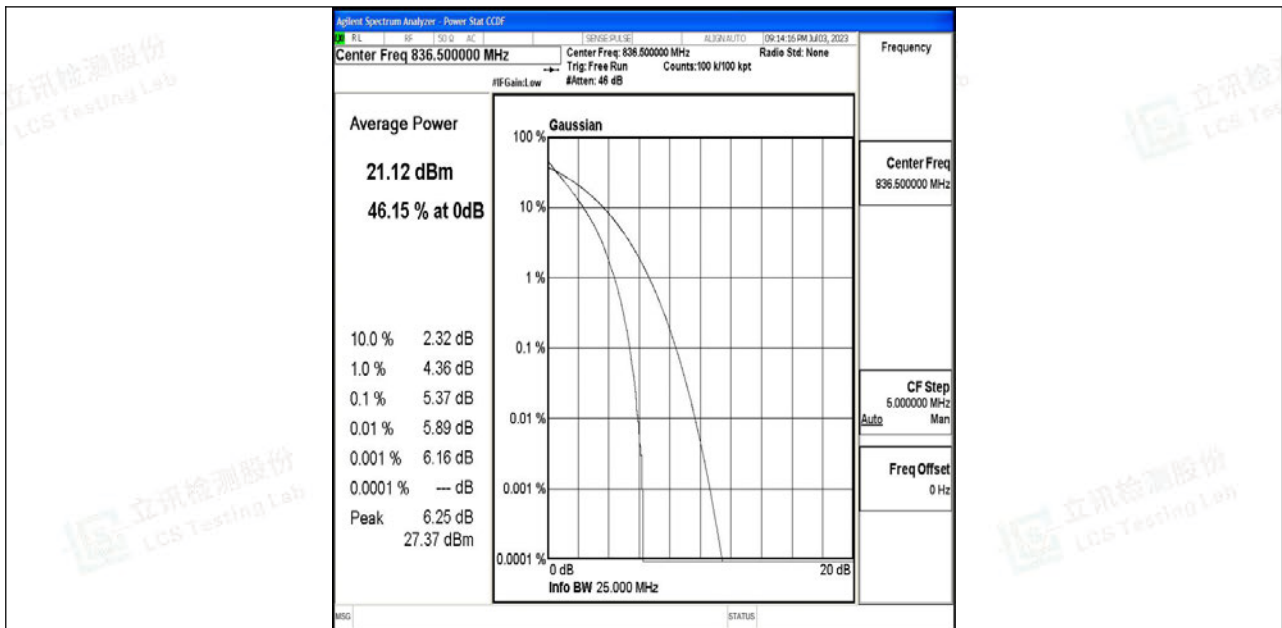
5MHz-20625



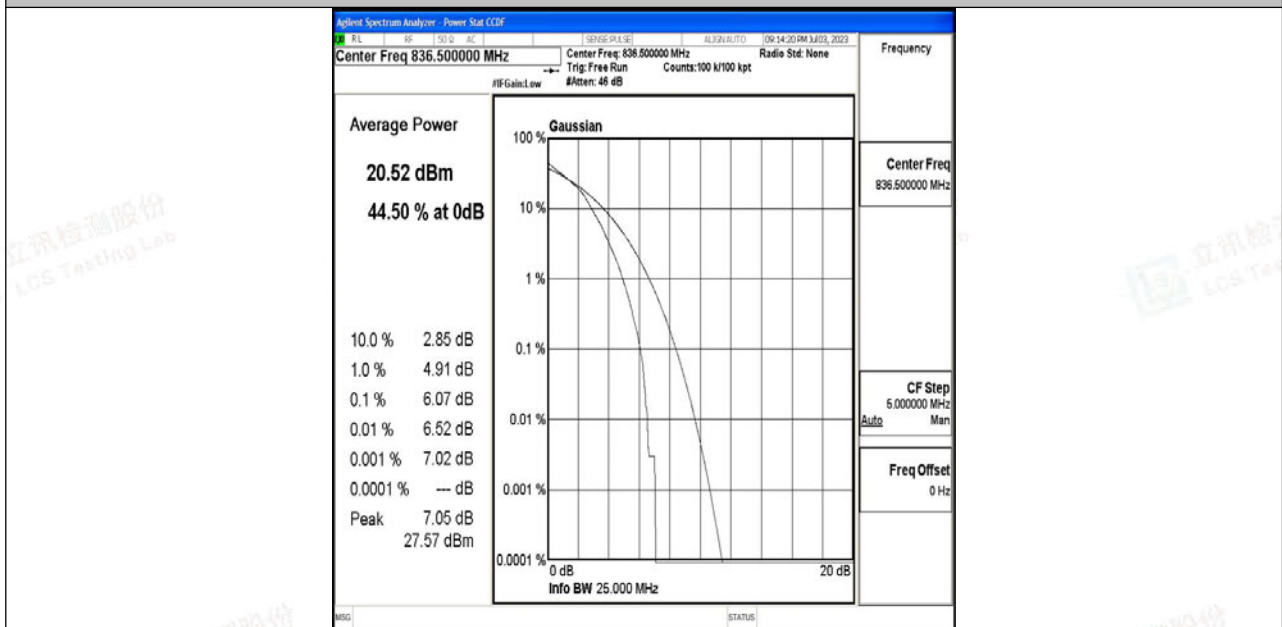
5MHz-20625





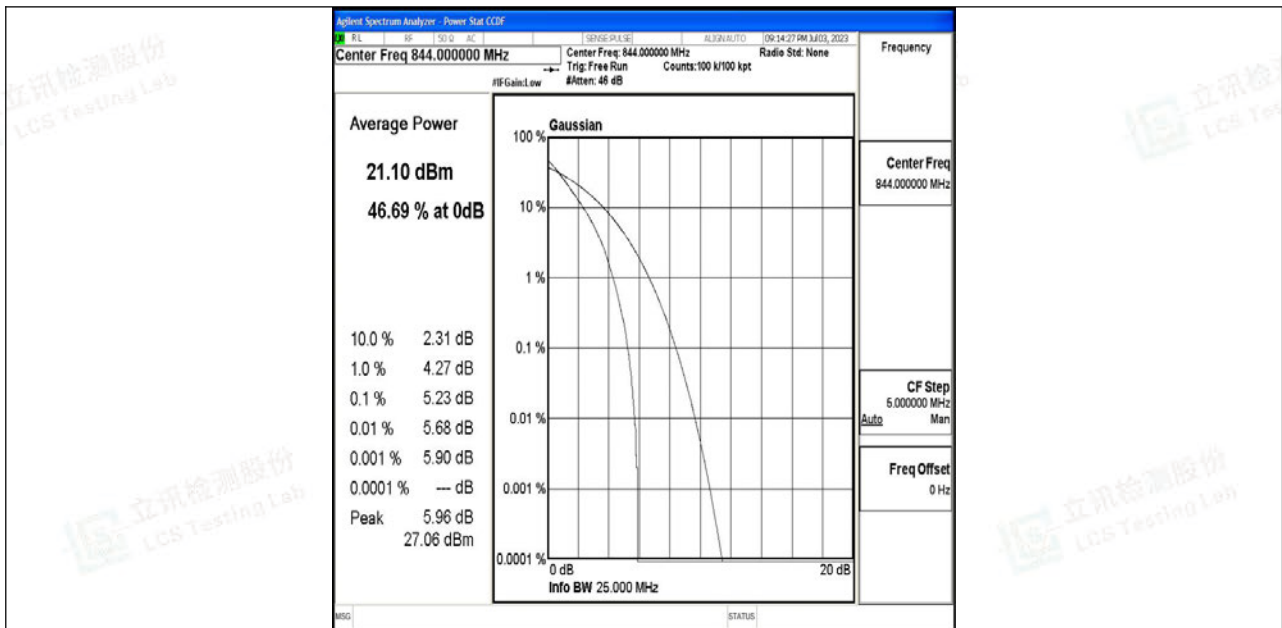


10MHz-20525

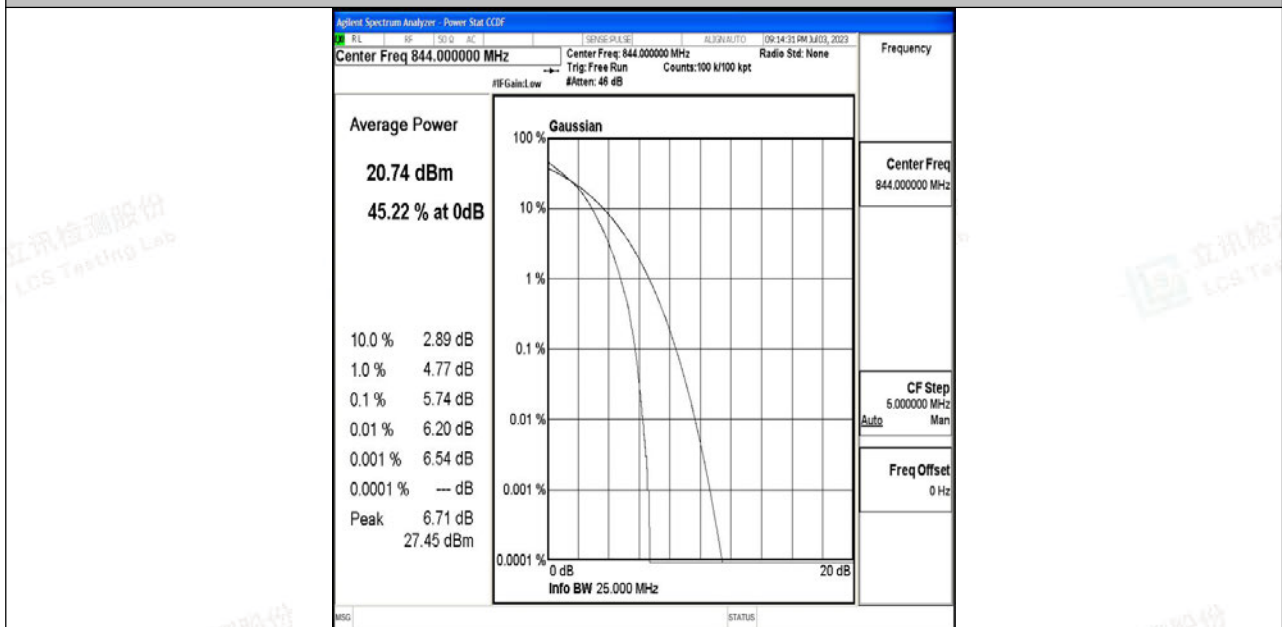


10MHz-20525





10MHz-20600



10MHz-20600





J.3 26dB Bandwidth and Occupied Bandwidth

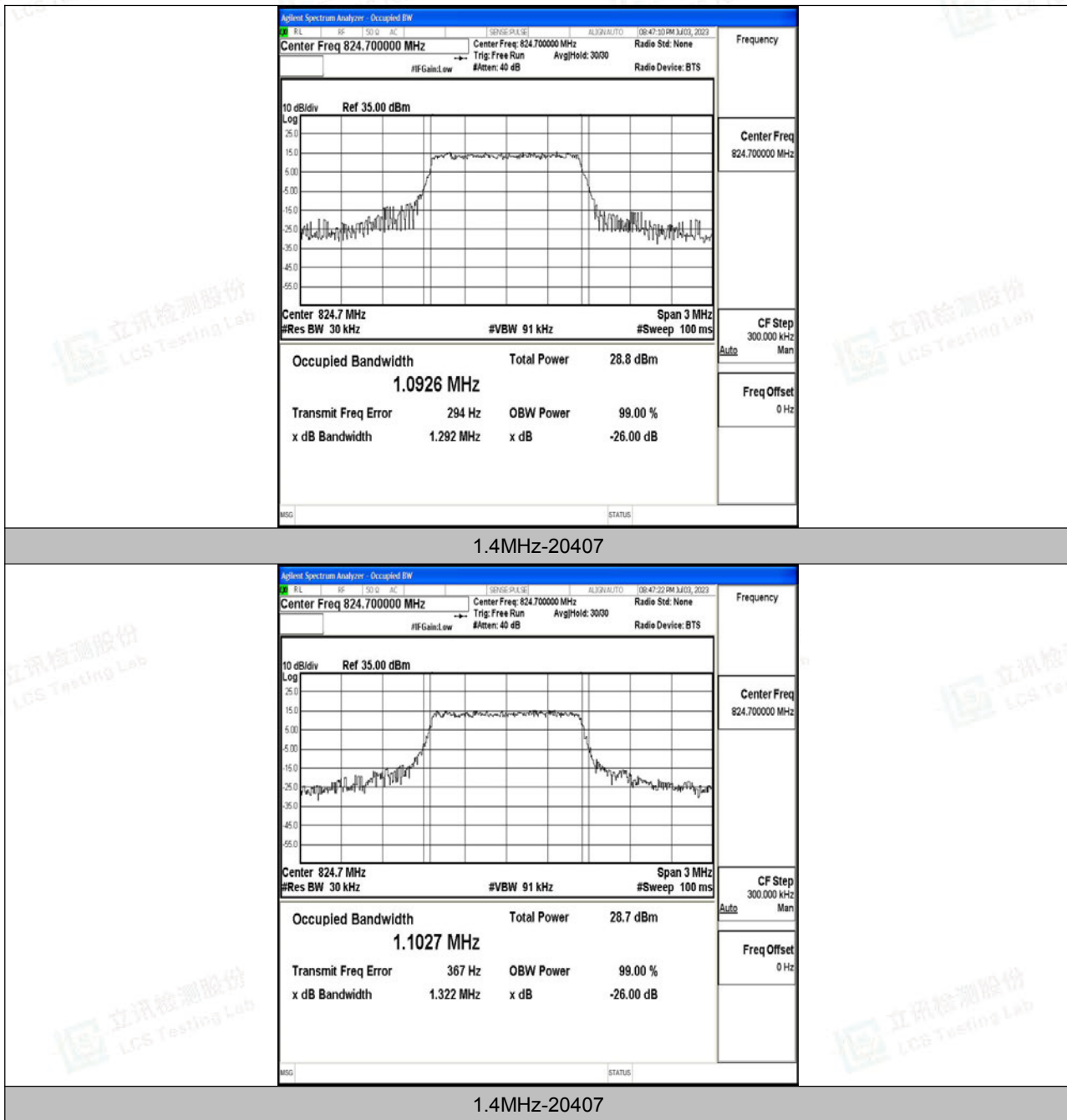
Test Result

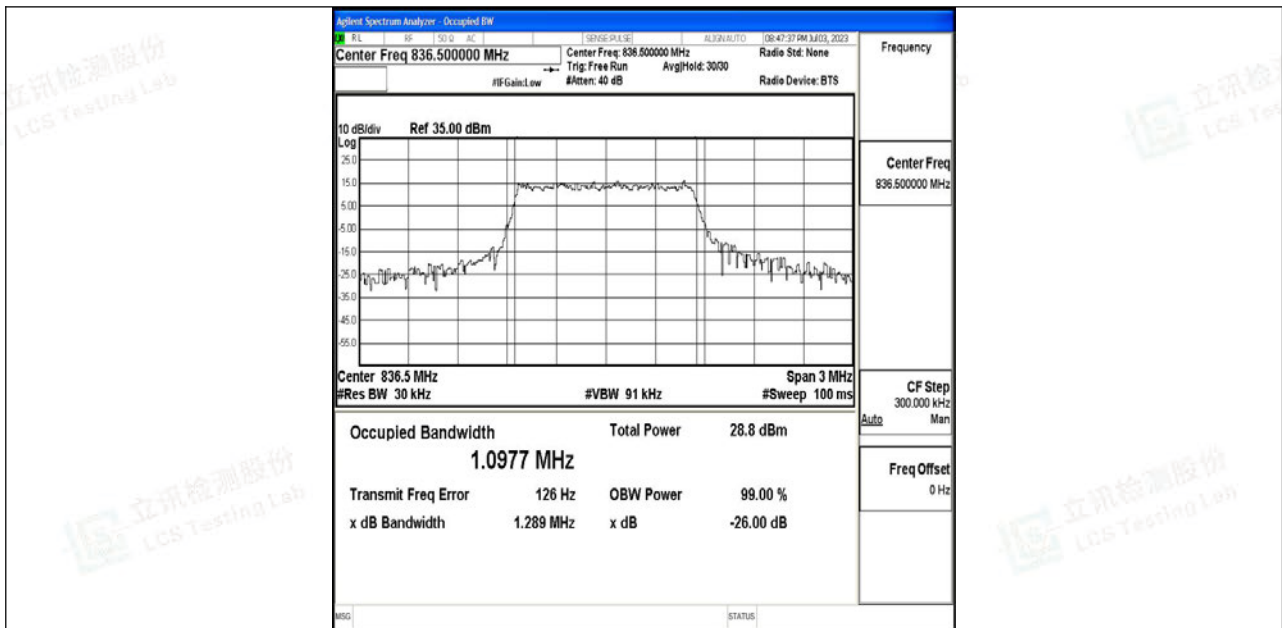
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	1.0926	1.292	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.1027	1.322	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.0977	1.289	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.1018	1.296	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.0952	1.285	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.0934	1.353	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.7147	3.058	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.7024	3.084	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.7112	3.140	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.7136	3.183	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.7039	3.201	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.7110	3.252	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.5481	5.263	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.5139	5.256	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.5065	5.355	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.5378	5.402	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.5177	5.127	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.5462	5.385	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.9768	9.988	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.9620	10.13	PASS
Band5	10MHz	QPSK	20525	50RB#0	9.0080	10.31	PASS
Band5	10MHz	16QAM	20525	50RB#0	9.0092	10.49	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.9654	9.997	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.9478	9.877	PASS



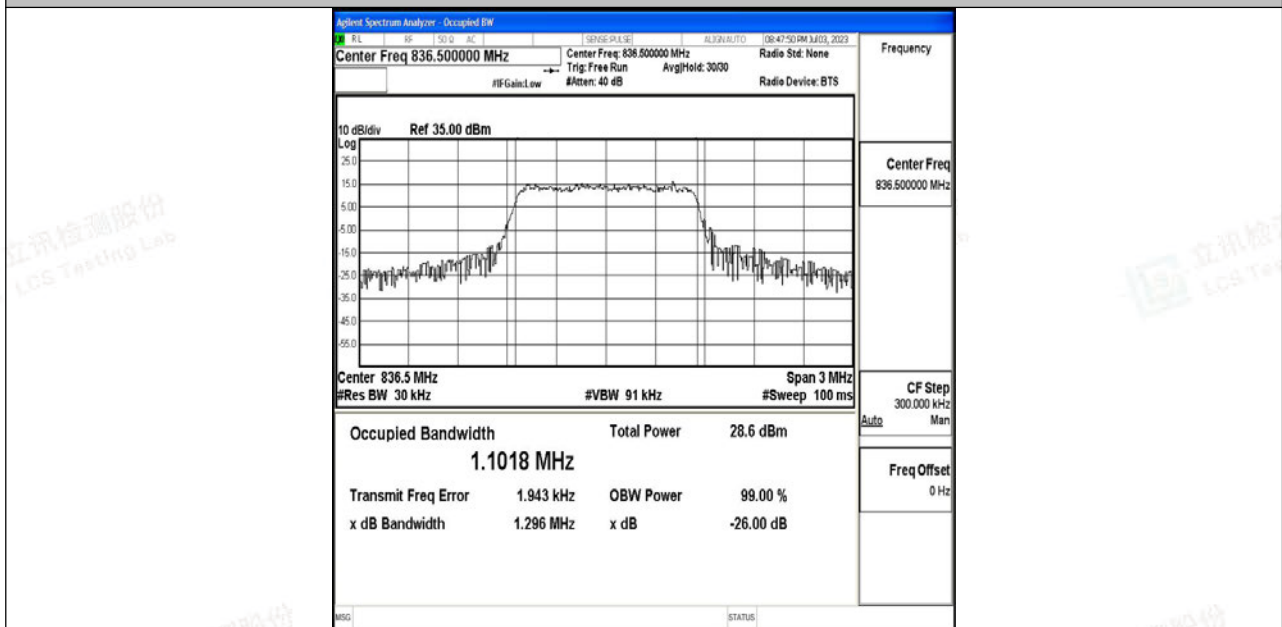


Test Graphs



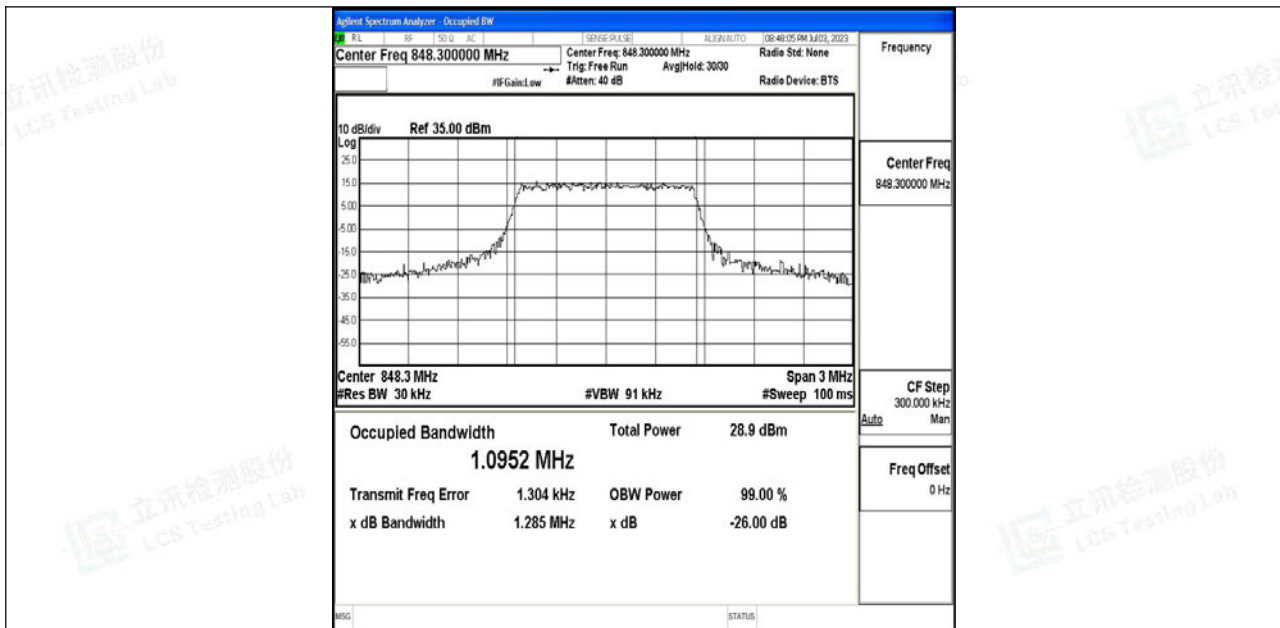


1.4MHz-20525

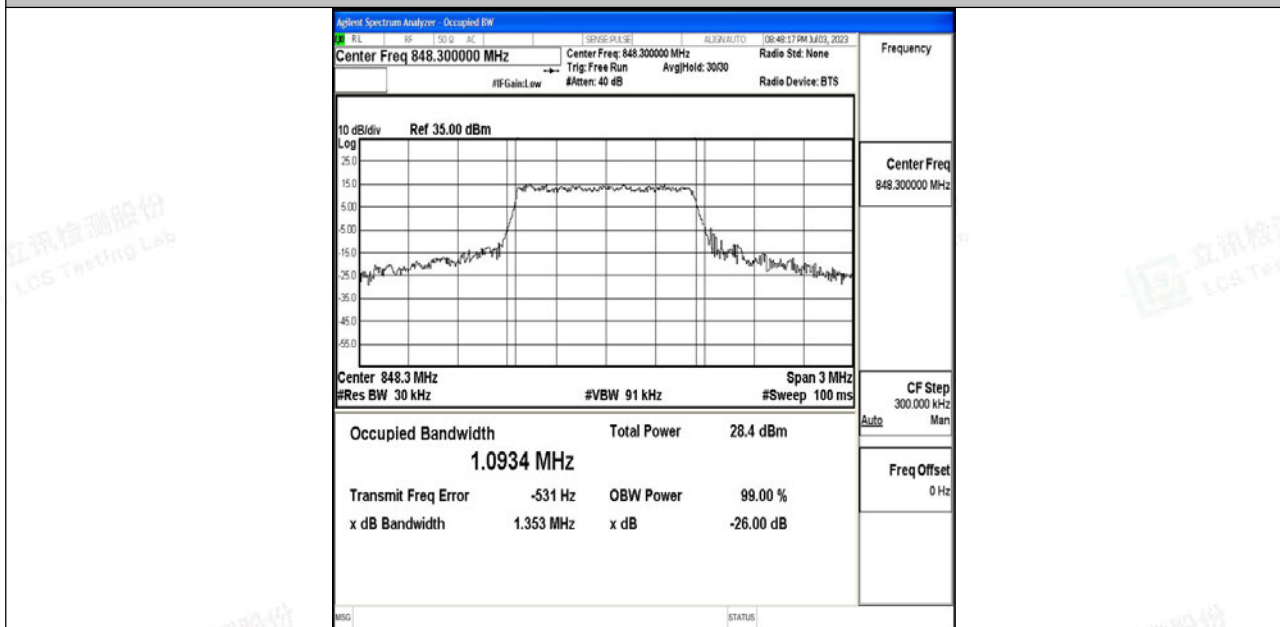


1.4MHz-20525





1.4MHz-20643



1.4MHz-20643

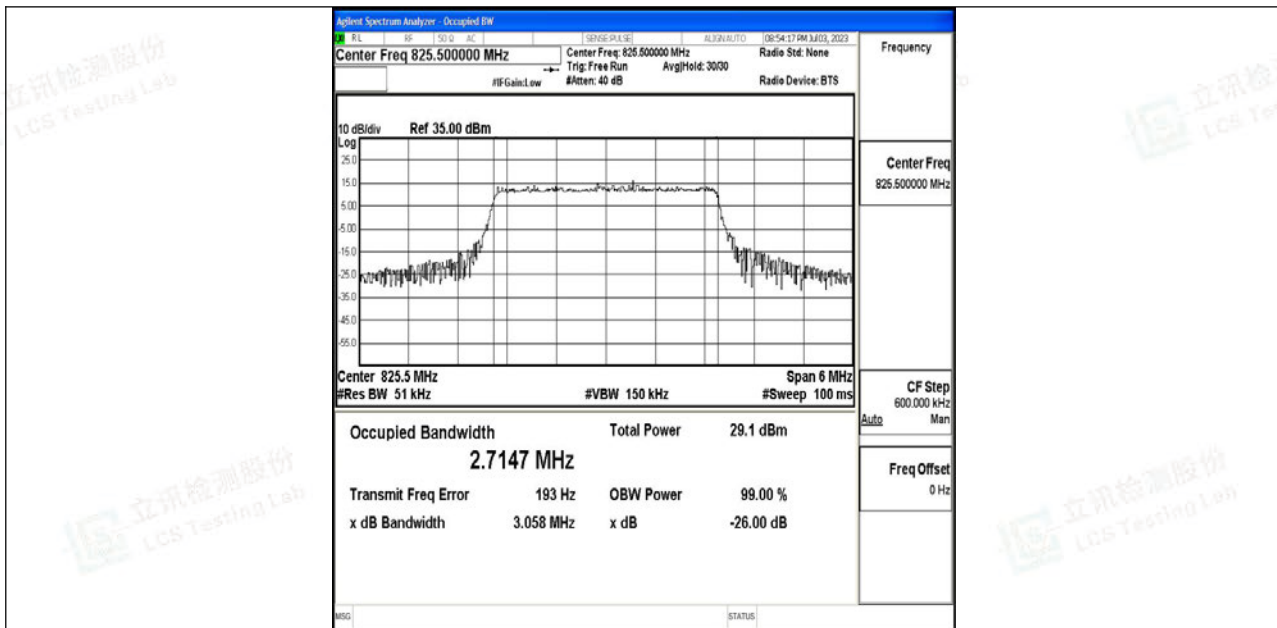


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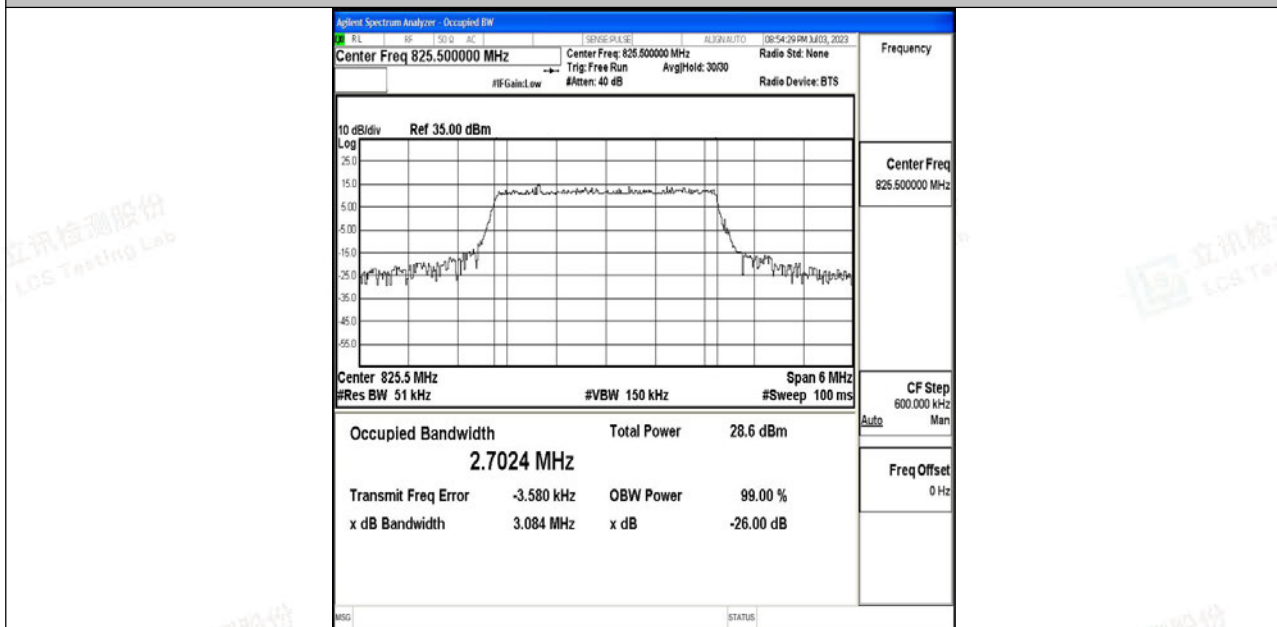
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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3MHz-20415



3MHz-20415

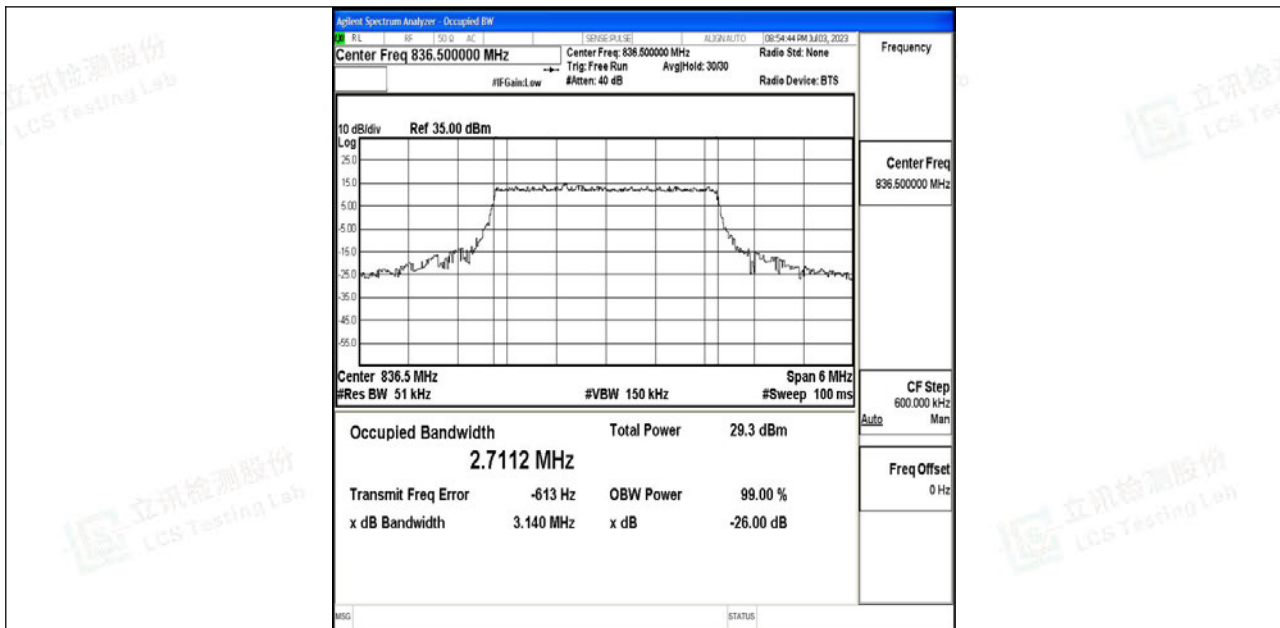


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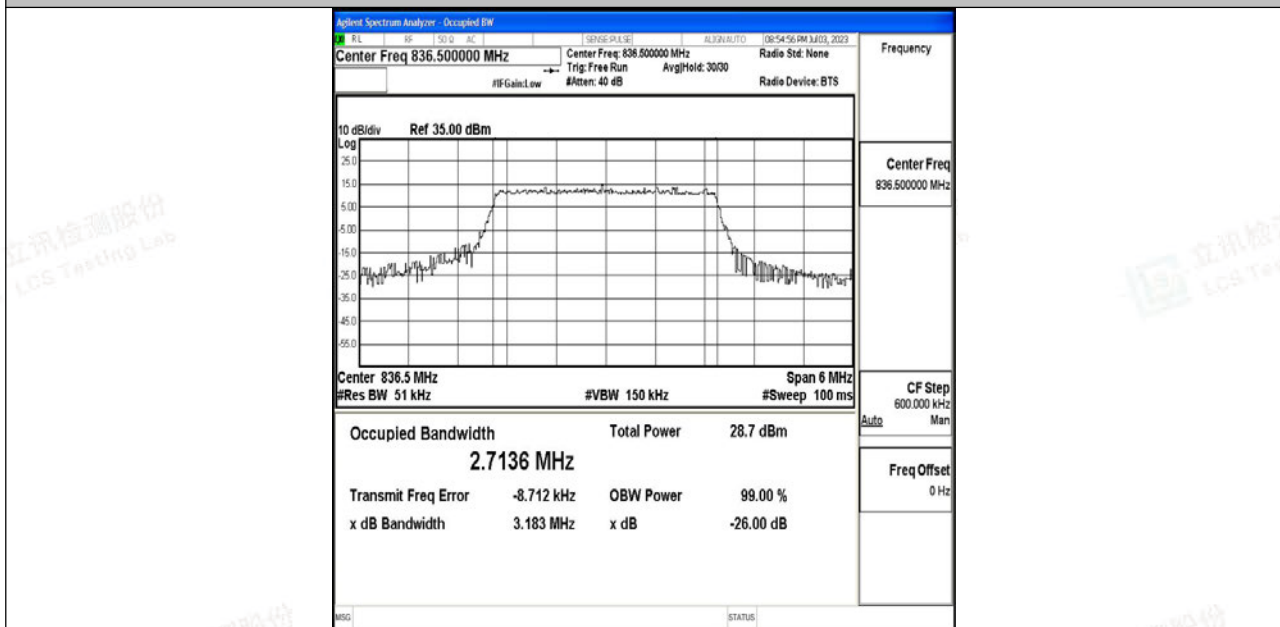
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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3MHz-20525



3MHz-20525

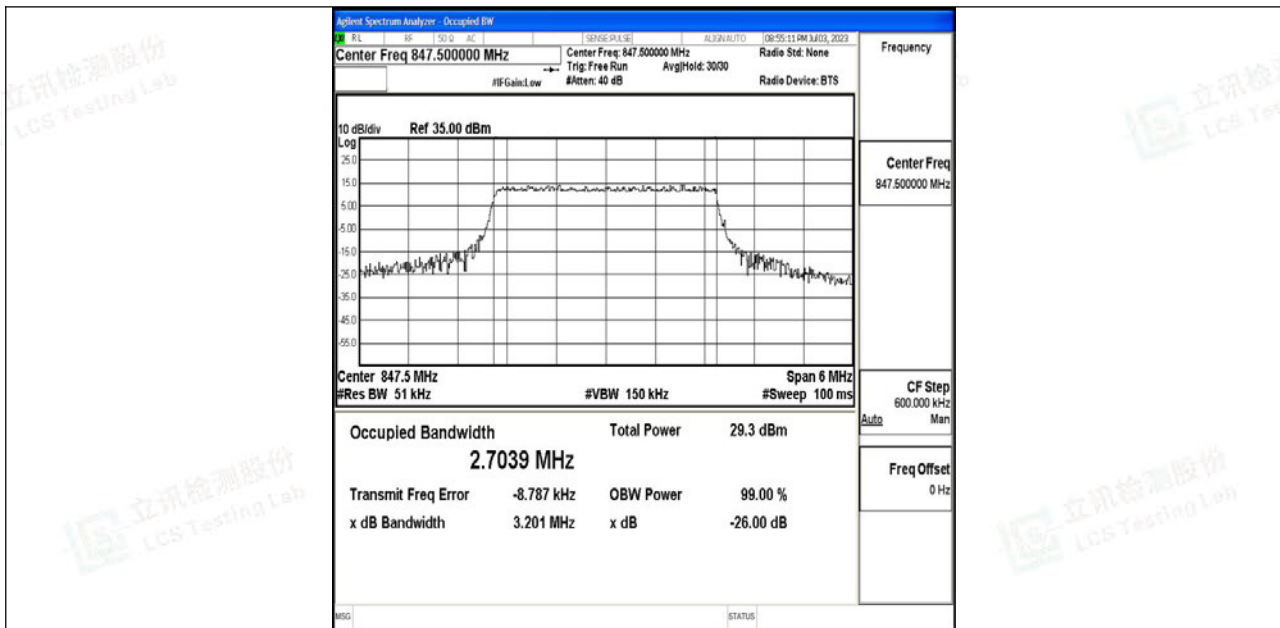


Shenzhen LCS Compliance Testing Laboratory Ltd.

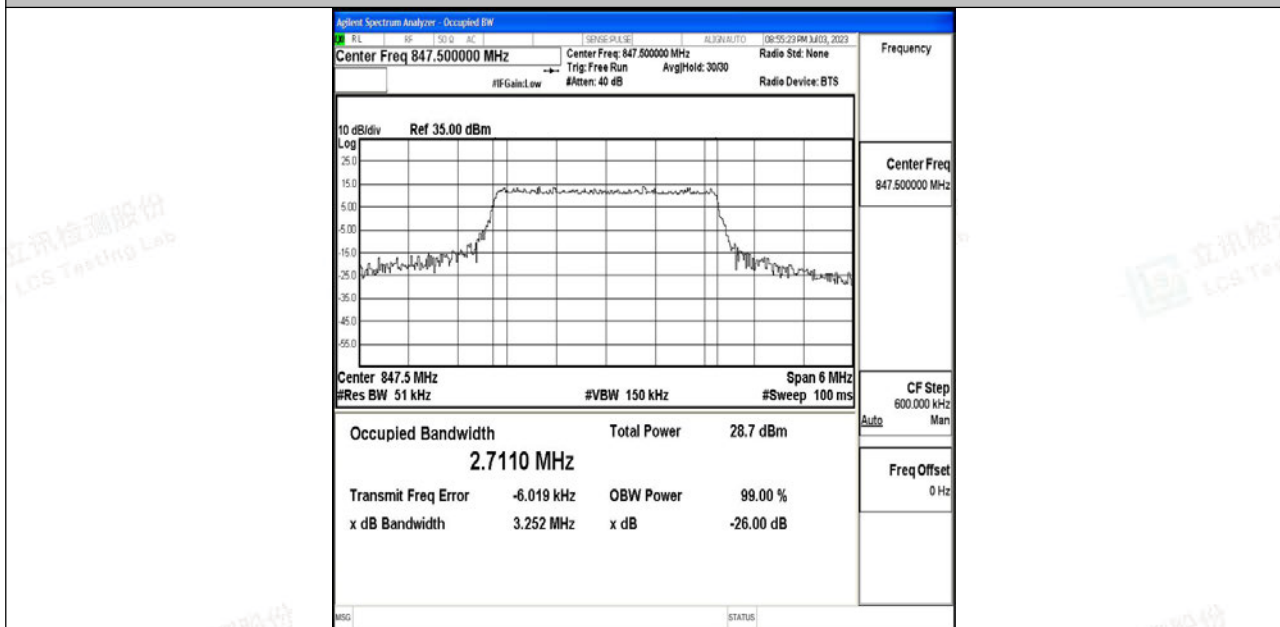
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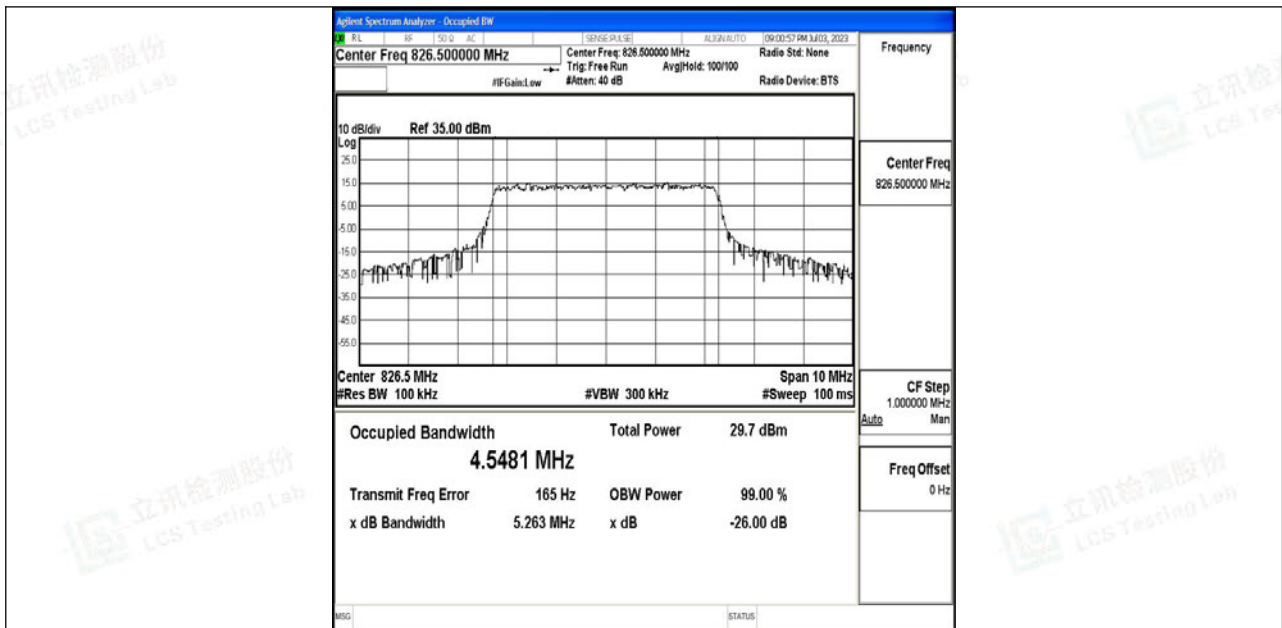


3MHz-20635

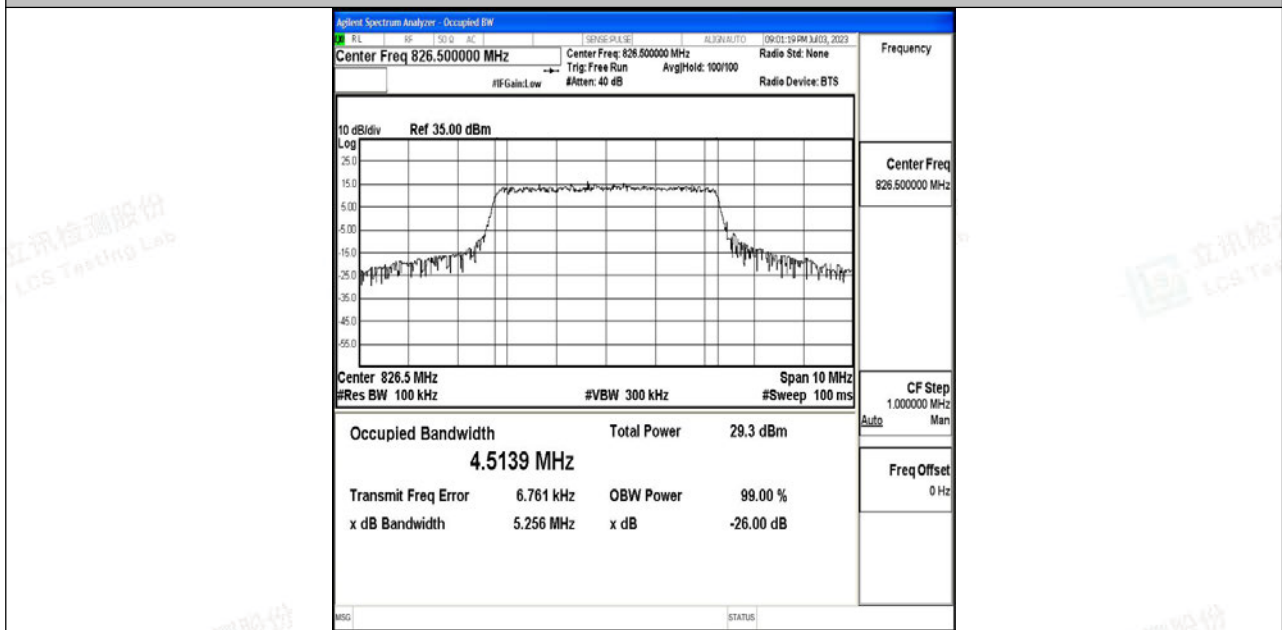


3MHz-20635





5MHz-20425



5MHz-20425

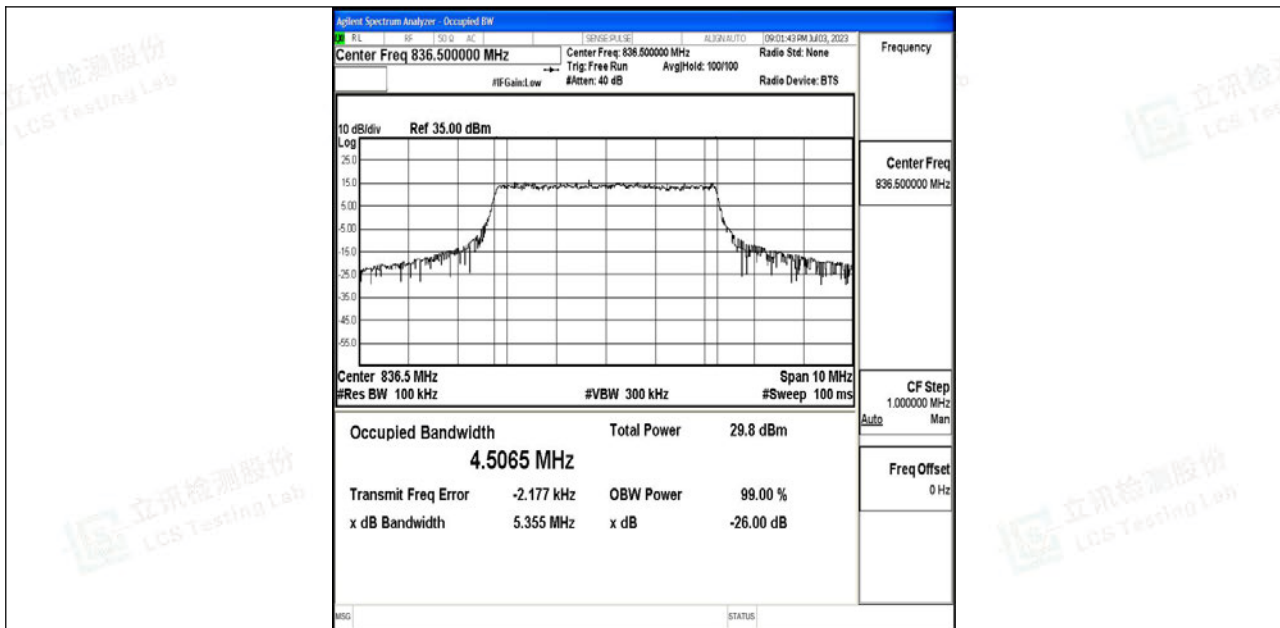


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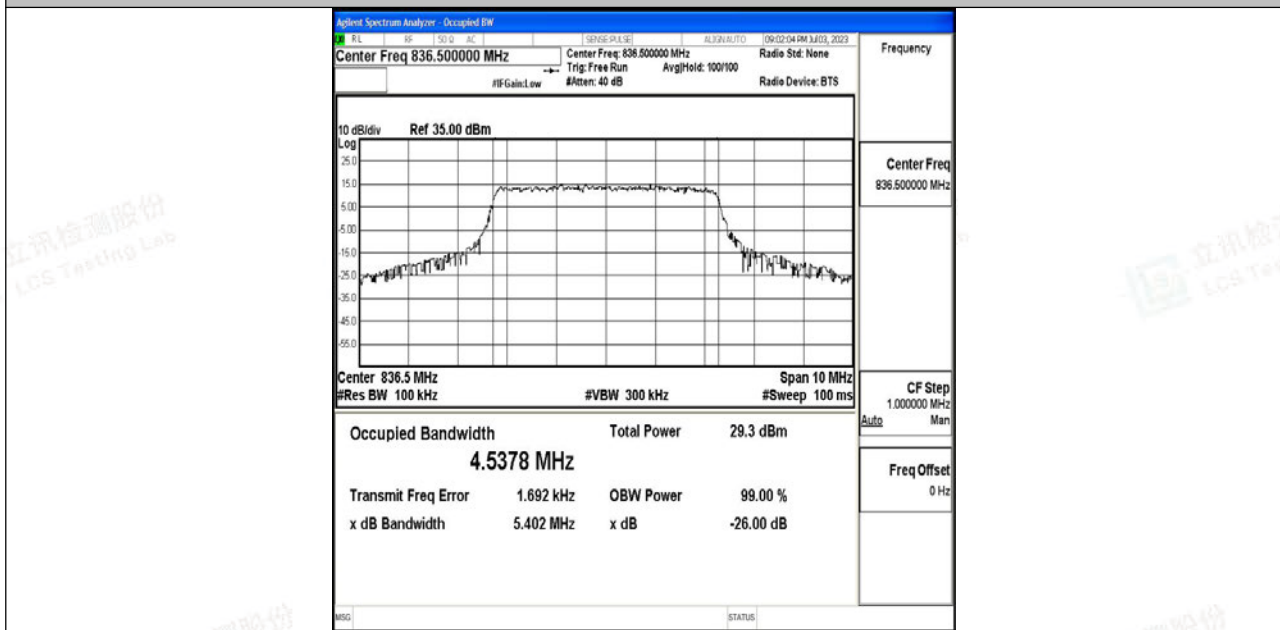
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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5MHz-20525



5MHz-20525

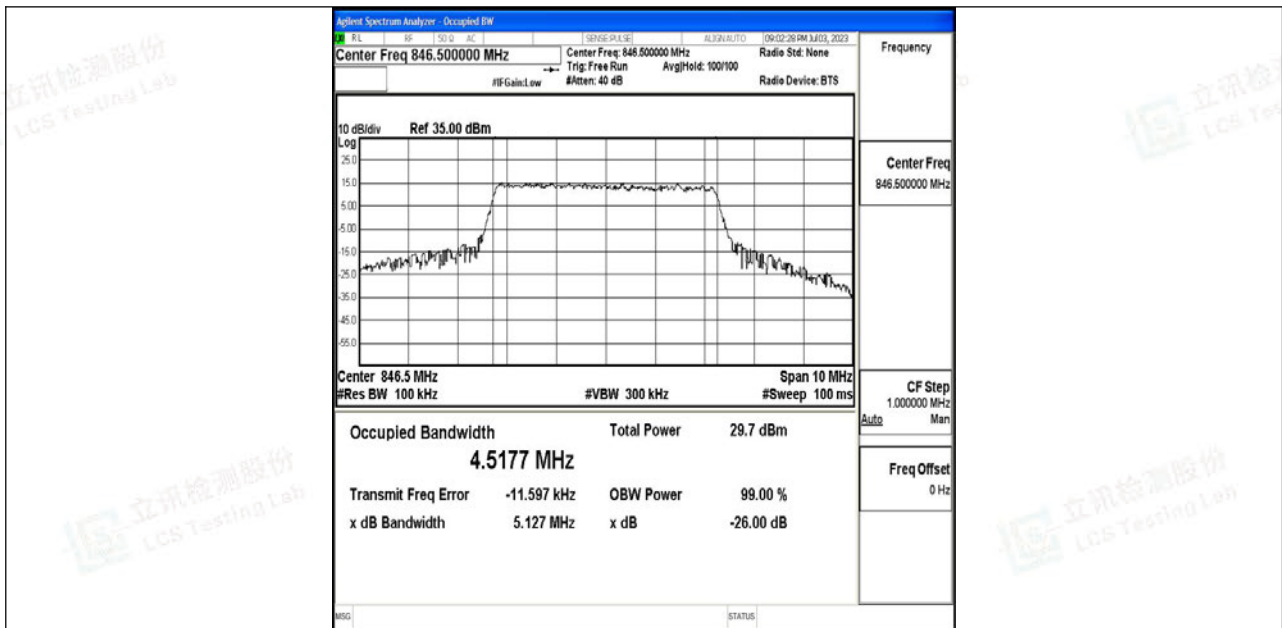


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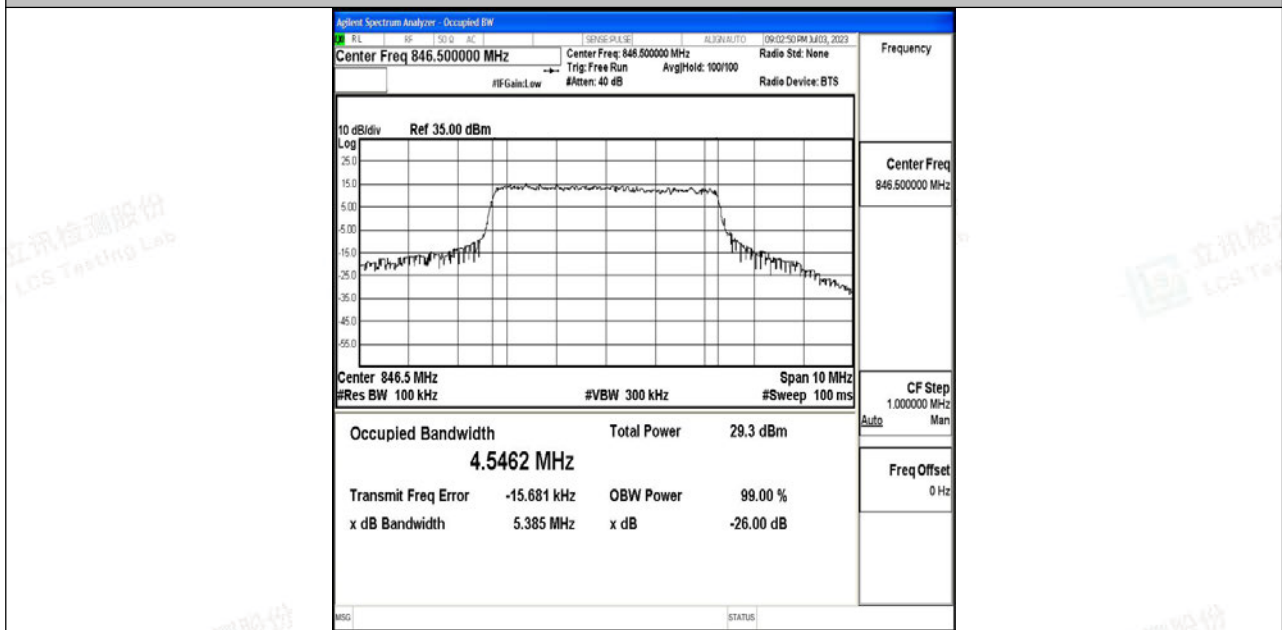
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Scan code to check authenticity



5MHz-20625



5MHz-20625

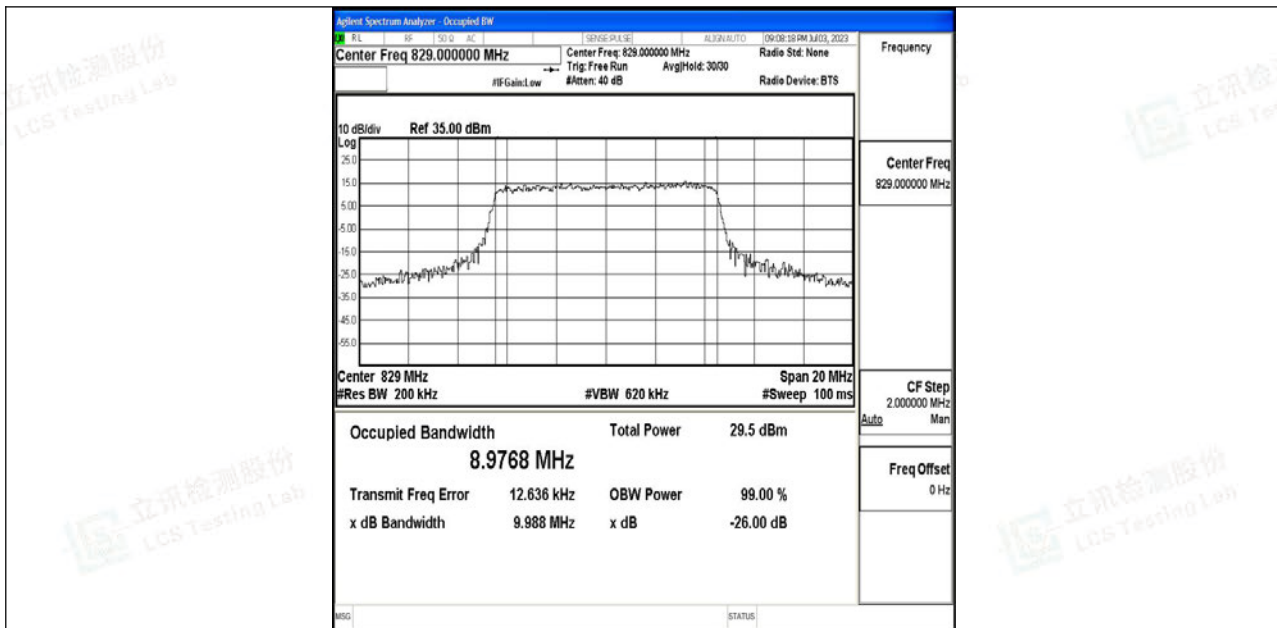


Shenzhen LCS Compliance Testing Laboratory Ltd.

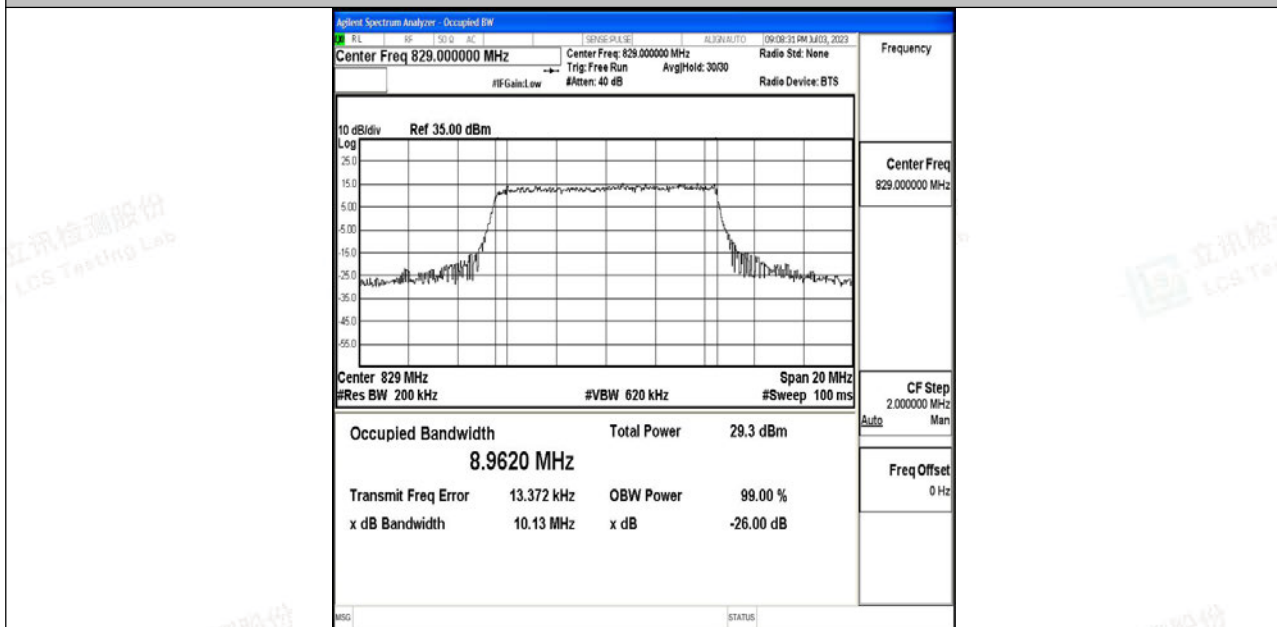
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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10MHz-20450



10MHz-20450

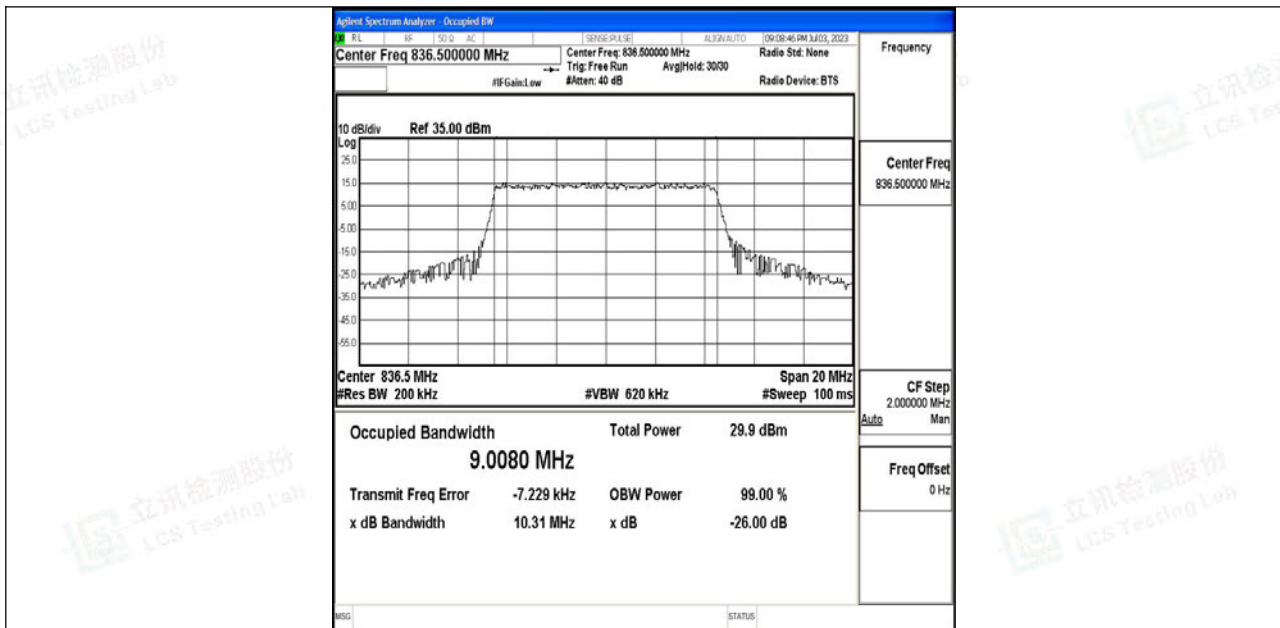


Shenzhen LCS Compliance Testing Laboratory Ltd.

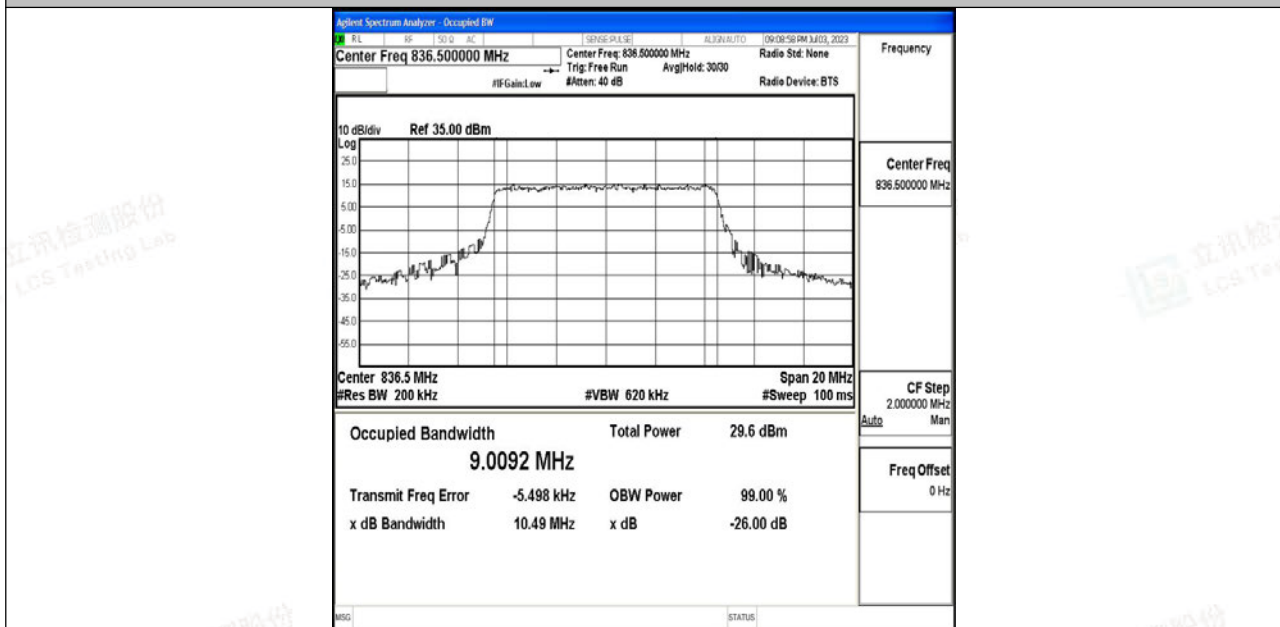
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity



10MHz-20525



10MHz-20525

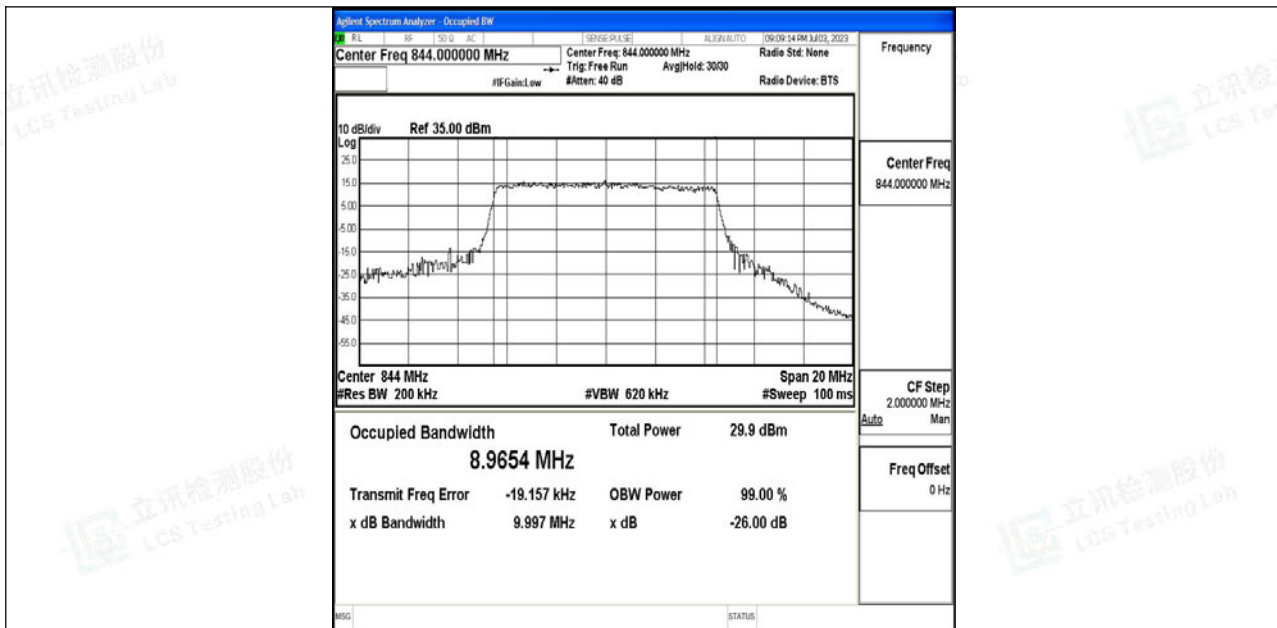


Shenzhen LCS Compliance Testing Laboratory Ltd.

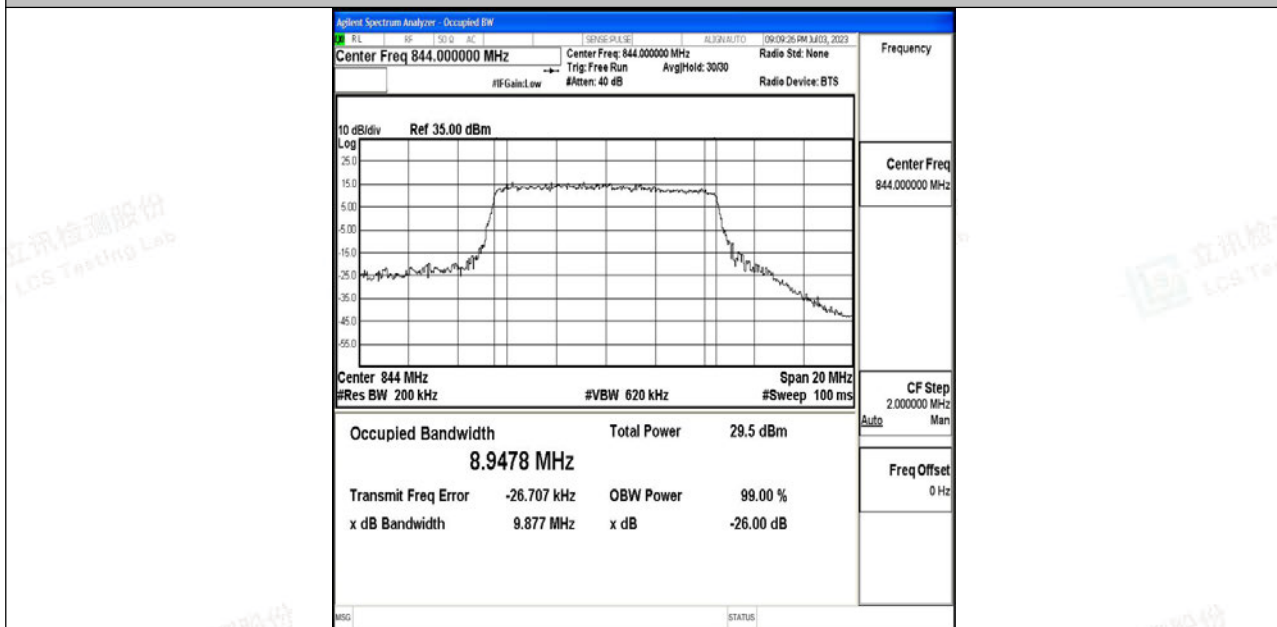
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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10MHz-20600



10MHz-20600



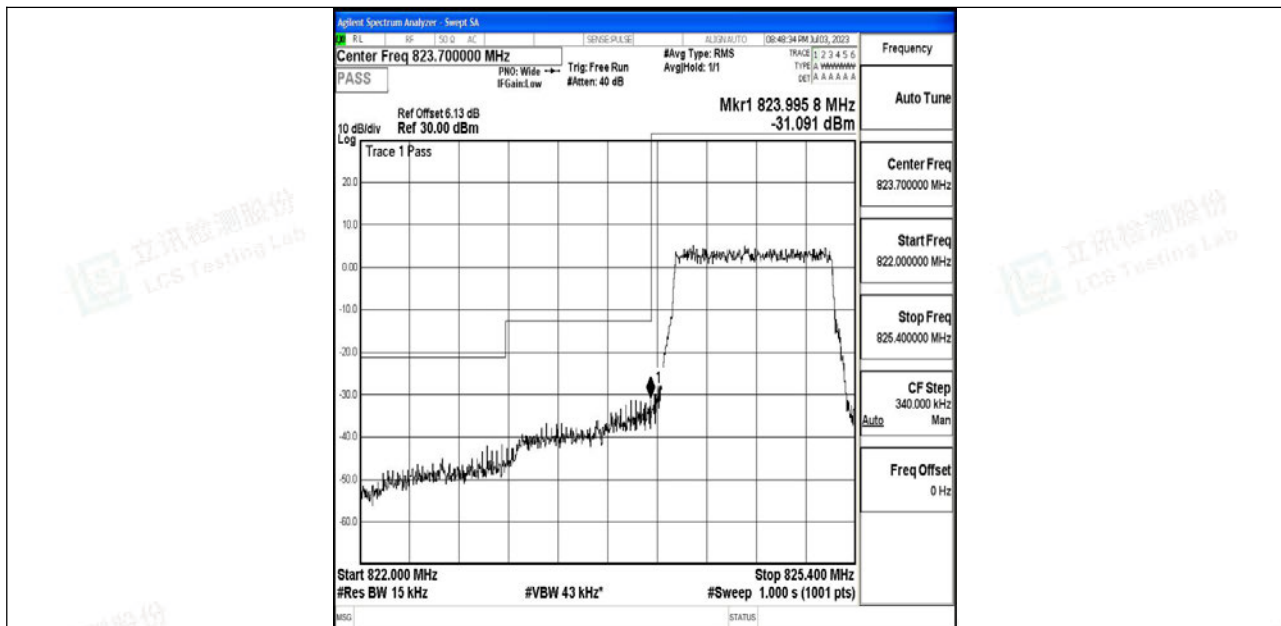


J.4 Band Edge

Test Result

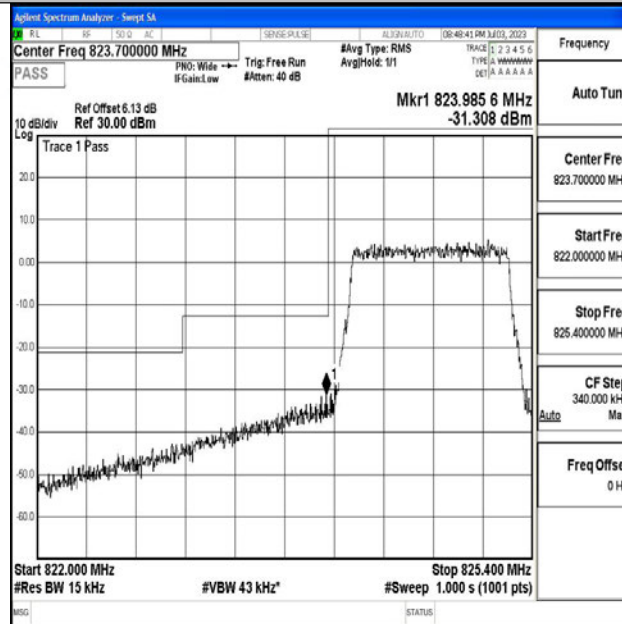
Band	Bandwidth	Modulation	Channel	RB Configuration	Peak Frequency	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	824.00	-31.09	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	823.99	-31.31	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	849.01	-29.62	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	849.10	-28.71	PASS
Band5	3MHz	QPSK	20415	15RB#0	824.00	-25.80	PASS
Band5	3MHz	16QAM	20415	15RB#0	824.00	-26.33	PASS
Band5	3MHz	QPSK	20635	15RB#0	849.00	-25.68	PASS
Band5	3MHz	16QAM	20635	15RB#0	849.01	-25.63	PASS
Band5	5MHz	QPSK	20425	25RB#0	823.98	-29.75	PASS
Band5	5MHz	16QAM	20425	25RB#0	823.99	-31.27	PASS
Band5	5MHz	QPSK	20625	25RB#0	849.01	-31.37	PASS
Band5	5MHz	16QAM	20625	25RB#0	849.04	-30.18	PASS
Band5	10MHz	QPSK	20450	50RB#0	823.99	-34.99	PASS
Band5	10MHz	16QAM	20450	50RB#0	823.99	-35.36	PASS
Band5	10MHz	QPSK	20600	50RB#0	849.10	-33.48	PASS
Band5	10MHz	16QAM	20600	50RB#0	849.06	-33.32	PASS

Test Graphs

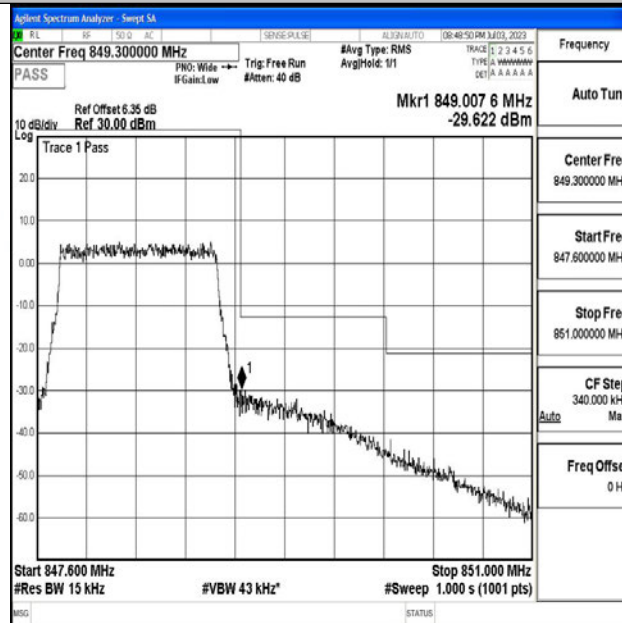




Band5_1.4MHz_QPSK_20407_6RB#0

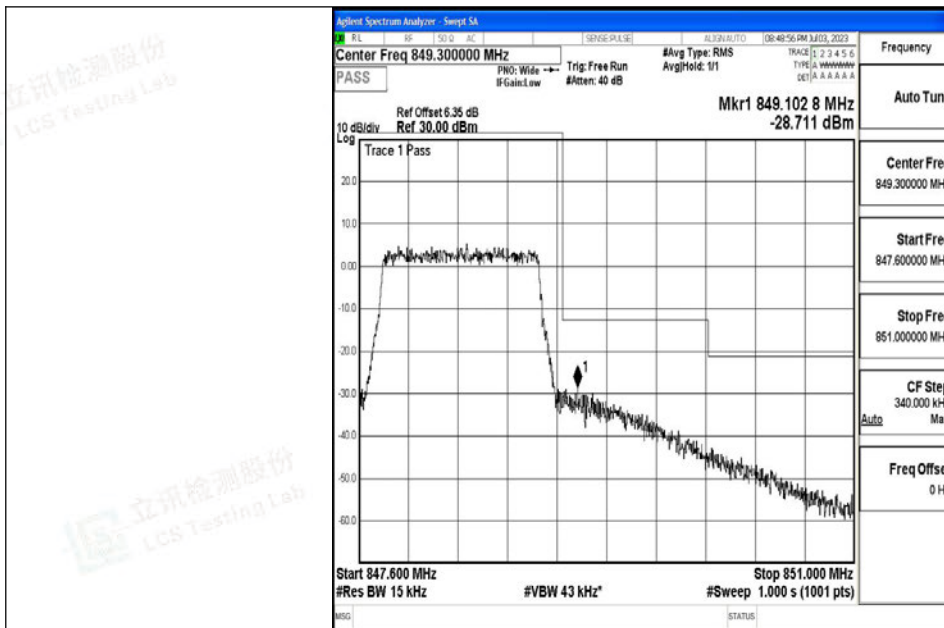


Band5_1.4MHz_16QAM_20407_6RB#0

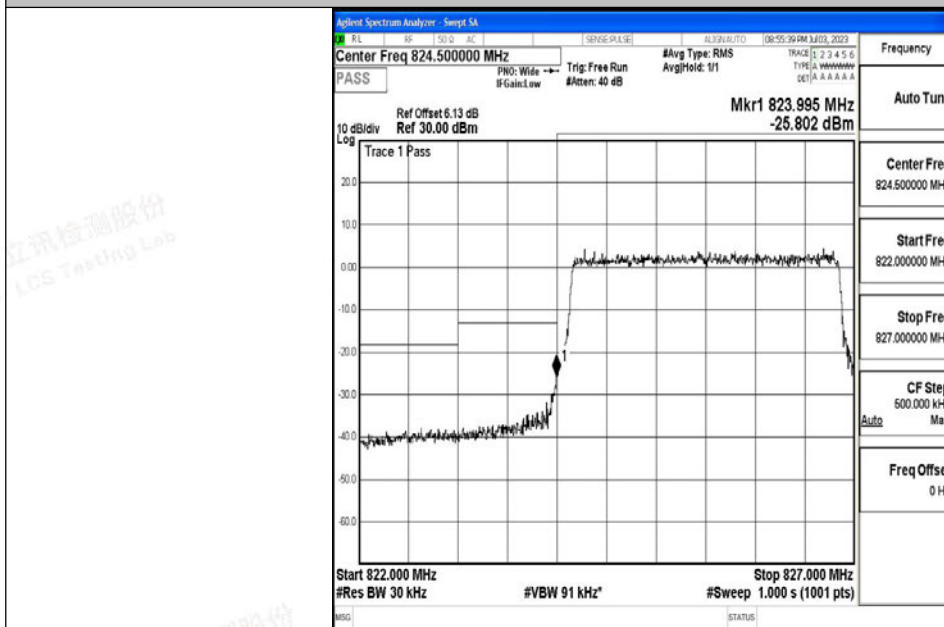


Band5_1.4MHz_QPSK_20643_6RB#0



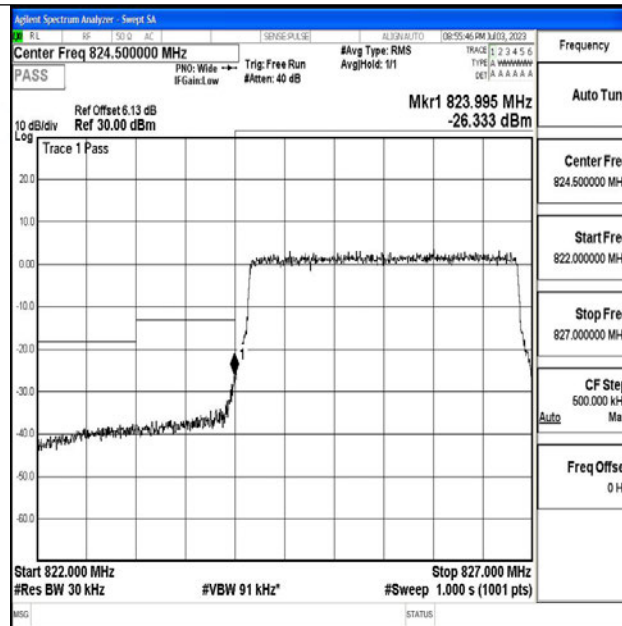


Band5_1.4MHz_16QAM_20643_6RB#0

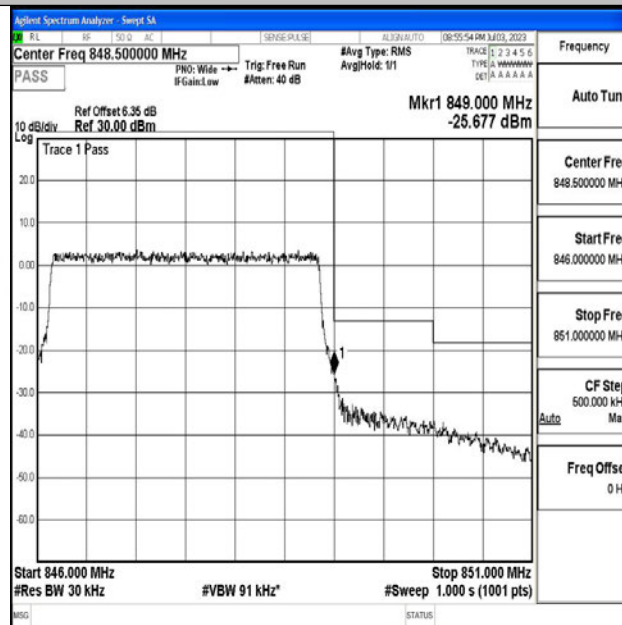


Band5_3MHz_QPSK_20415_15RB#0



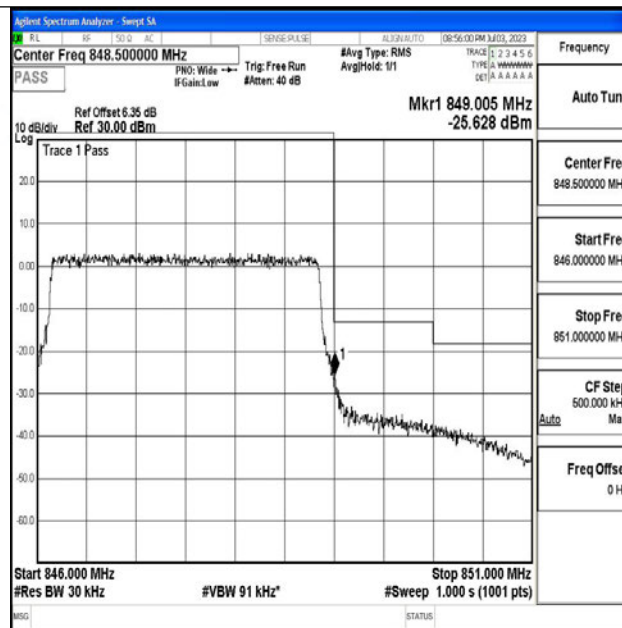


Band5_3MHz_16QAM_20415_15RB#0

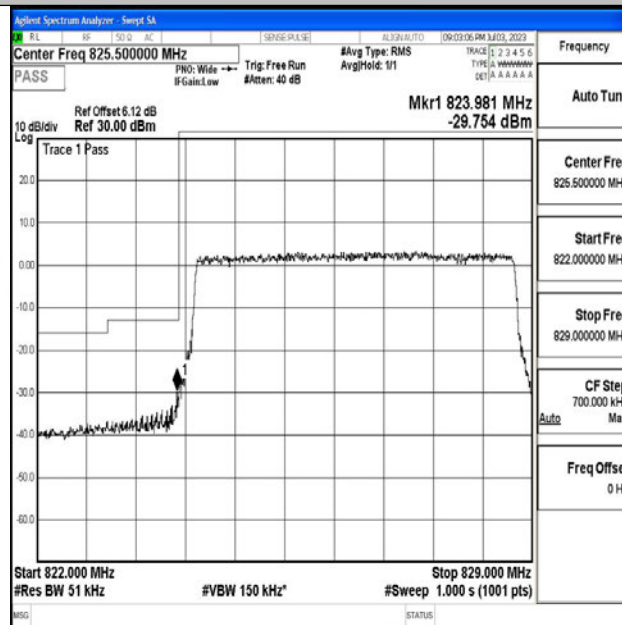


Band5_3MHz_QPSK_20635_15RB#0



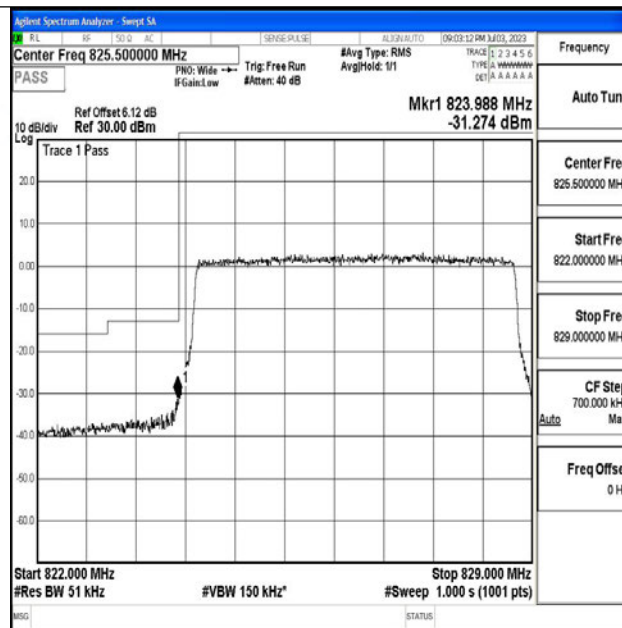


Band5_3MHz_16QAM_20635_15RB#0

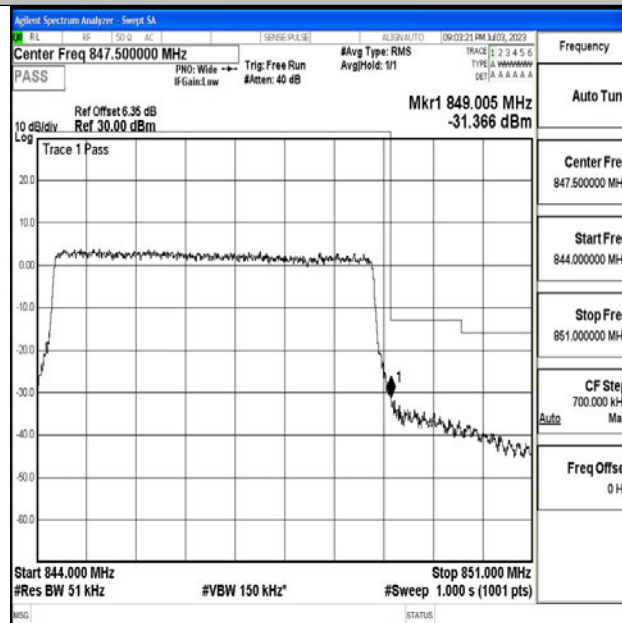


Band5_5MHz_QPSK_20425_25RB#0



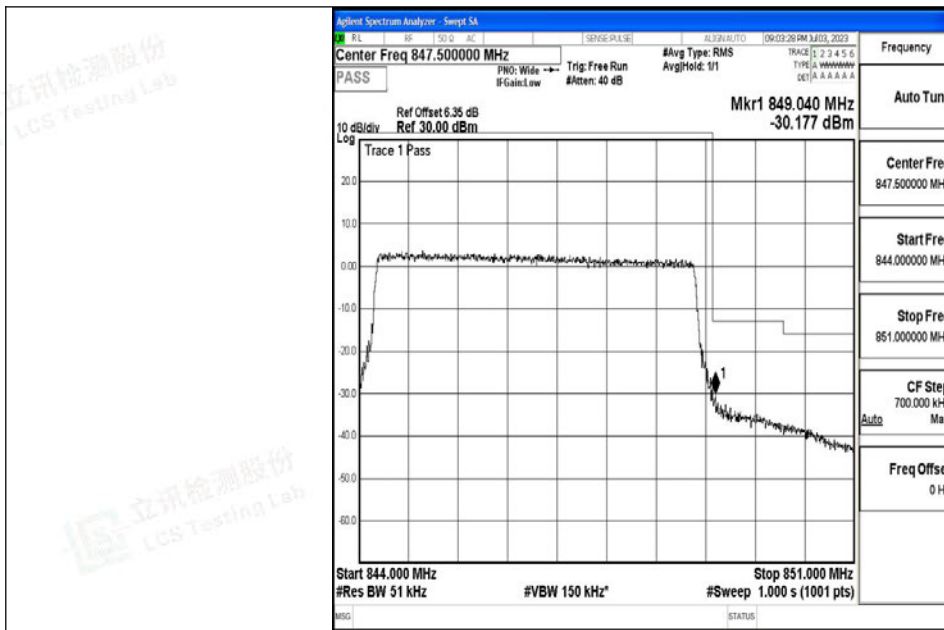


Band5_5MHz_16QAM_20425_25RB#0

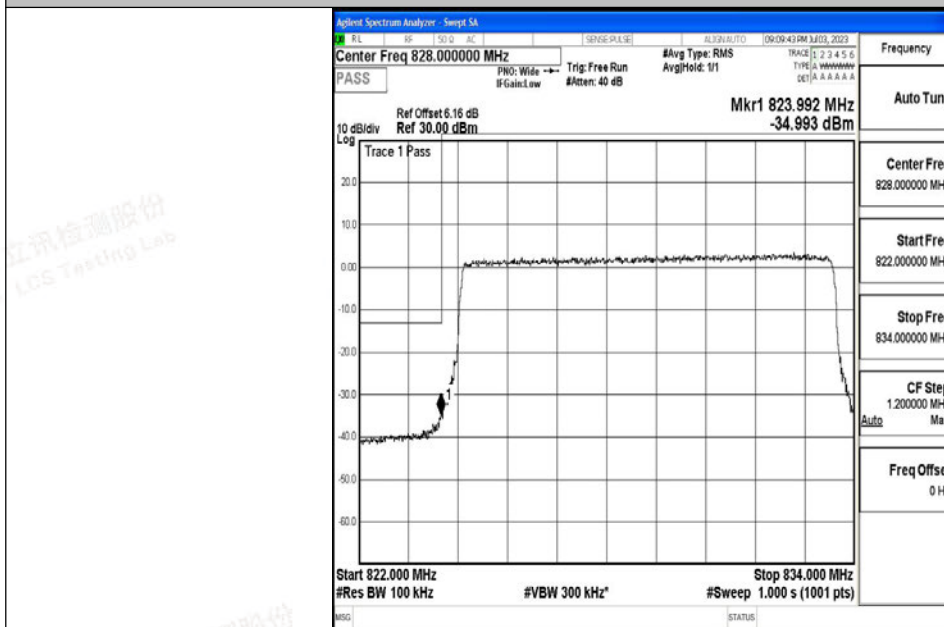


Band5_5MHz_QPSK_20625_25RB#0



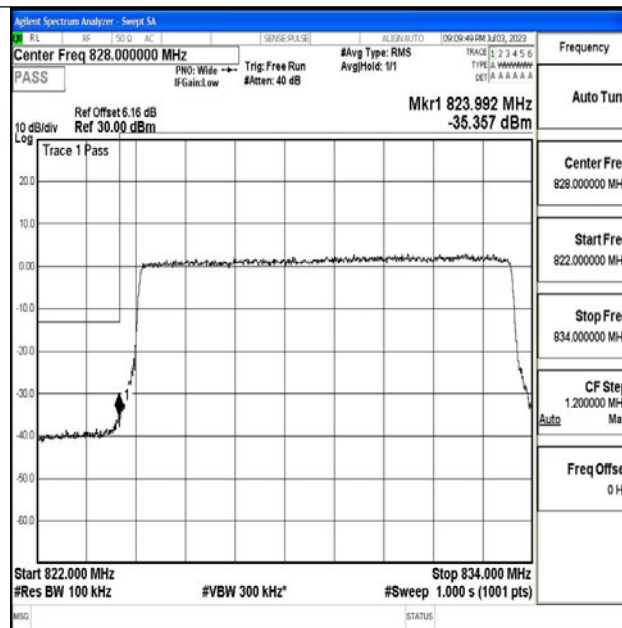


Band5_5MHz_16QAM_20625_25RB#0

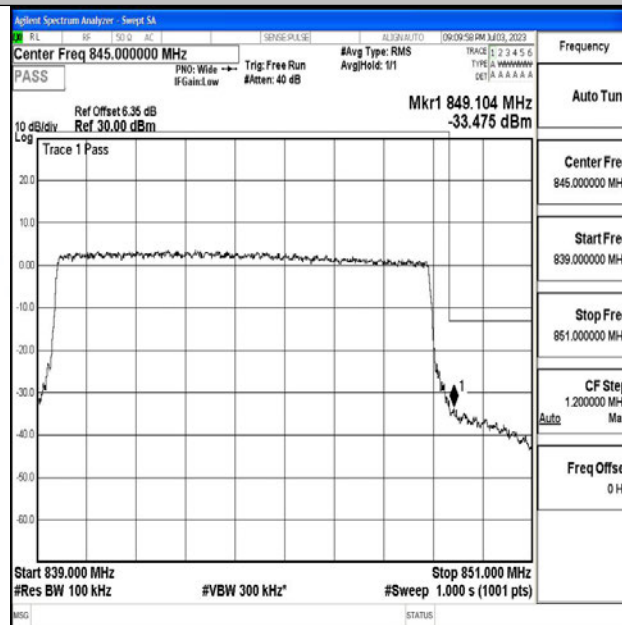


Band5_10MHz_QPSK_20450_50RB#0



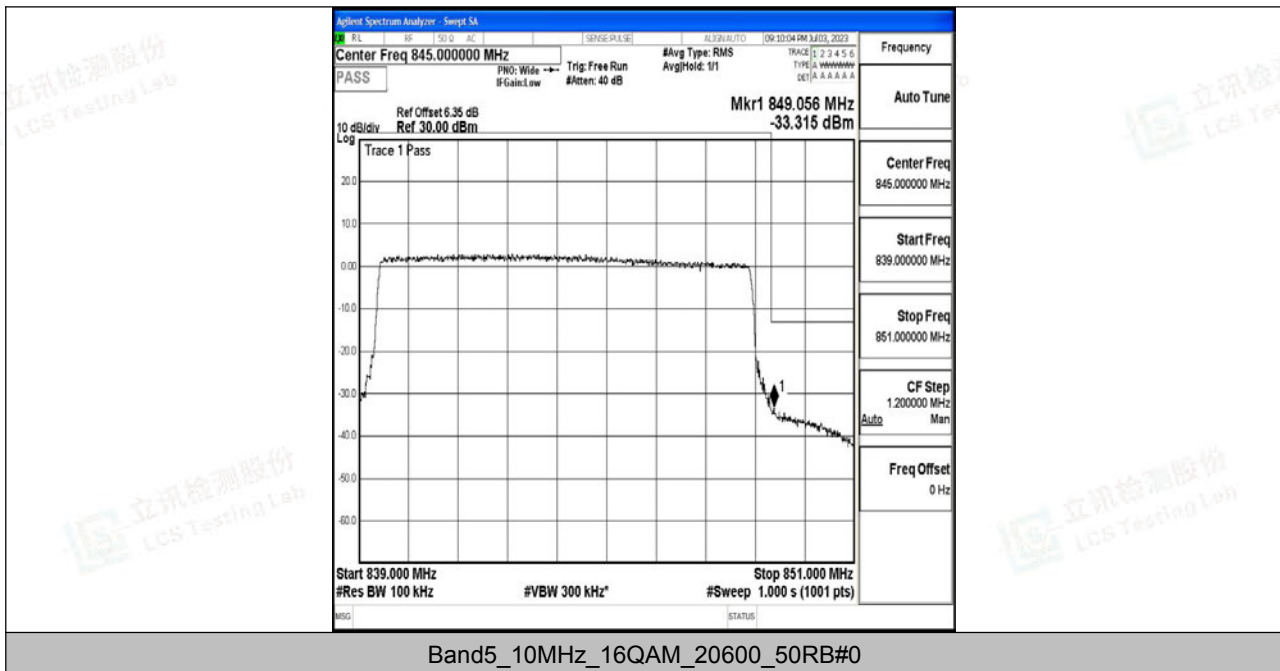


Band5_10MHz_16QAM_20450_50RB#0



Band5_10MHz_QPSK_20600_50RB#0







J.5 Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	0.009~0.15	-58.83	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	0.15~30	-53.71	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	30~1000	-46.24	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	1000~3000	-42.14	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	3000~10000	-44.15	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	0.009~0.15	-56.49	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	0.15~30	-54.12	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	30~1000	-45.44	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	1000~3000	-40.55	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	3000~10000	-44.23	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	0.009~0.15	-59.62	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	0.15~30	-53.63	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	30~1000	-45.20	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	1000~3000	-42.92	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	3000~10000	-44.12	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	0.009~0.15	-57.10	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	0.15~30	-53.52	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	30~1000	-47.61	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	1000~3000	-41.04	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	3000~10000	-43.78	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	0.009~0.15	-57.68	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	0.15~30	-50.70	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	30~1000	-47.00	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	1000~3000	-41.07	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	3000~10000	-44.06	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	0.009~0.15	-57.23	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	0.15~30	-53.66	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	30~1000	-44.62	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	1000~3000	-39.07	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	3000~10000	-44.25	PASS
Band5	3MHz	QPSK	20415	1RB#0	0.009~0.15	-57.22	PASS
Band5	3MHz	QPSK	20415	1RB#0	0.15~30	-53.13	PASS
Band5	3MHz	QPSK	20415	1RB#0	30~1000	-50.49	PASS
Band5	3MHz	QPSK	20415	1RB#0	1000~3000	-42.28	PASS



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Band5	3MHz	QPSK	20415	1RB#0	3000~10000	-44.18	PASS
Band5	3MHz	16QAM	20415	1RB#0	0.009~0.15	-58.14	PASS
Band5	3MHz	16QAM	20415	1RB#0	0.15~30	-52.51	PASS
Band5	3MHz	16QAM	20415	1RB#0	30~1000	-51.11	PASS
Band5	3MHz	16QAM	20415	1RB#0	1000~3000	-42.18	PASS
Band5	3MHz	16QAM	20415	1RB#0	3000~10000	-44.00	PASS
Band5	3MHz	QPSK	20525	1RB#0	0.009~0.15	-60.51	PASS
Band5	3MHz	QPSK	20525	1RB#0	0.15~30	-53.91	PASS
Band5	3MHz	QPSK	20525	1RB#0	30~1000	-50.28	PASS
Band5	3MHz	QPSK	20525	1RB#0	1000~3000	-42.76	PASS
Band5	3MHz	QPSK	20525	1RB#0	3000~10000	-43.97	PASS
Band5	3MHz	16QAM	20525	1RB#0	0.009~0.15	-56.82	PASS
Band5	3MHz	16QAM	20525	1RB#0	0.15~30	-53.97	PASS
Band5	3MHz	16QAM	20525	1RB#0	30~1000	-52.12	PASS
Band5	3MHz	16QAM	20525	1RB#0	1000~3000	-41.74	PASS
Band5	3MHz	16QAM	20525	1RB#0	3000~10000	-43.69	PASS
Band5	3MHz	QPSK	20635	1RB#0	0.009~0.15	-59.19	PASS
Band5	3MHz	QPSK	20635	1RB#0	0.15~30	-51.48	PASS
Band5	3MHz	QPSK	20635	1RB#0	30~1000	-47.83	PASS
Band5	3MHz	QPSK	20635	1RB#0	1000~3000	-40.76	PASS
Band5	3MHz	QPSK	20635	1RB#0	3000~10000	-44.07	PASS
Band5	3MHz	16QAM	20635	1RB#0	0.009~0.15	-55.16	PASS
Band5	3MHz	16QAM	20635	1RB#0	0.15~30	-50.82	PASS
Band5	3MHz	16QAM	20635	1RB#0	30~1000	-48.34	PASS
Band5	3MHz	16QAM	20635	1RB#0	1000~3000	-41.55	PASS
Band5	3MHz	16QAM	20635	1RB#0	3000~10000	-44.13	PASS
Band5	5MHz	QPSK	20425	1RB#0	0.009~0.15	-59.88	PASS
Band5	5MHz	QPSK	20425	1RB#0	0.15~30	-52.57	PASS
Band5	5MHz	QPSK	20425	1RB#0	30~1000	-58.42	PASS
Band5	5MHz	QPSK	20425	1RB#0	1000~3000	-41.34	PASS
Band5	5MHz	QPSK	20425	1RB#0	3000~10000	-43.84	PASS
Band5	5MHz	16QAM	20425	1RB#0	0.009~0.15	-59.33	PASS
Band5	5MHz	16QAM	20425	1RB#0	0.15~30	-52.06	PASS
Band5	5MHz	16QAM	20425	1RB#0	30~1000	-56.97	PASS
Band5	5MHz	16QAM	20425	1RB#0	1000~3000	-42.63	PASS
Band5	5MHz	16QAM	20425	1RB#0	3000~10000	-44.08	PASS
Band5	5MHz	QPSK	20525	1RB#0	0.009~0.15	-58.83	PASS
Band5	5MHz	QPSK	20525	1RB#0	0.15~30	-51.95	PASS
Band5	5MHz	QPSK	20525	1RB#0	30~1000	-58.77	PASS
Band5	5MHz	QPSK	20525	1RB#0	1000~3000	-42.17	PASS



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Band5	5MHz	QPSK	20525	1RB#0	3000~10000	-44.28	PASS
Band5	5MHz	16QAM	20525	1RB#0	0.009~0.15	-59.61	PASS
Band5	5MHz	16QAM	20525	1RB#0	0.15~30	-53.97	PASS
Band5	5MHz	16QAM	20525	1RB#0	30~1000	-59.43	PASS
Band5	5MHz	16QAM	20525	1RB#0	1000~3000	-43.76	PASS
Band5	5MHz	16QAM	20525	1RB#0	3000~10000	-44.14	PASS
Band5	5MHz	QPSK	20625	1RB#0	0.009~0.15	-59.65	PASS
Band5	5MHz	QPSK	20625	1RB#0	0.15~30	-52.78	PASS
Band5	5MHz	QPSK	20625	1RB#0	30~1000	-59.14	PASS
Band5	5MHz	QPSK	20625	1RB#0	1000~3000	-42.83	PASS
Band5	5MHz	QPSK	20625	1RB#0	3000~10000	-44.30	PASS
Band5	5MHz	16QAM	20625	1RB#0	0.009~0.15	-58.16	PASS
Band5	5MHz	16QAM	20625	1RB#0	0.15~30	-52.63	PASS
Band5	5MHz	16QAM	20625	1RB#0	30~1000	-59.62	PASS
Band5	5MHz	16QAM	20625	1RB#0	1000~3000	-43.48	PASS
Band5	5MHz	16QAM	20625	1RB#0	3000~10000	-44.22	PASS
Band5	10MHz	QPSK	20450	1RB#0	0.009~0.15	-56.51	PASS
Band5	10MHz	QPSK	20450	1RB#0	0.15~30	-52.58	PASS
Band5	10MHz	QPSK	20450	1RB#0	30~1000	-62.65	PASS
Band5	10MHz	QPSK	20450	1RB#0	1000~3000	-42.35	PASS
Band5	10MHz	QPSK	20450	1RB#0	3000~10000	-44.23	PASS
Band5	10MHz	16QAM	20450	1RB#0	0.009~0.15	-59.62	PASS
Band5	10MHz	16QAM	20450	1RB#0	0.15~30	-52.90	PASS
Band5	10MHz	16QAM	20450	1RB#0	30~1000	-62.60	PASS
Band5	10MHz	16QAM	20450	1RB#0	1000~3000	-42.56	PASS
Band5	10MHz	16QAM	20450	1RB#0	3000~10000	-44.15	PASS
Band5	10MHz	QPSK	20525	1RB#0	0.009~0.15	-57.98	PASS
Band5	10MHz	QPSK	20525	1RB#0	0.15~30	-53.06	PASS
Band5	10MHz	QPSK	20525	1RB#0	30~1000	-62.56	PASS
Band5	10MHz	QPSK	20525	1RB#0	1000~3000	-41.29	PASS
Band5	10MHz	QPSK	20525	1RB#0	3000~10000	-44.26	PASS
Band5	10MHz	16QAM	20525	1RB#0	0.009~0.15	-60.92	PASS
Band5	10MHz	16QAM	20525	1RB#0	0.15~30	-52.62	PASS
Band5	10MHz	16QAM	20525	1RB#0	30~1000	-62.68	PASS
Band5	10MHz	16QAM	20525	1RB#0	1000~3000	-41.42	PASS
Band5	10MHz	16QAM	20525	1RB#0	3000~10000	-44.27	PASS
Band5	10MHz	QPSK	20600	1RB#0	0.009~0.15	-59.43	PASS
Band5	10MHz	QPSK	20600	1RB#0	0.15~30	-53.11	PASS
Band5	10MHz	QPSK	20600	1RB#0	30~1000	-62.74	PASS
Band5	10MHz	QPSK	20600	1RB#0	1000~3000	-44.97	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

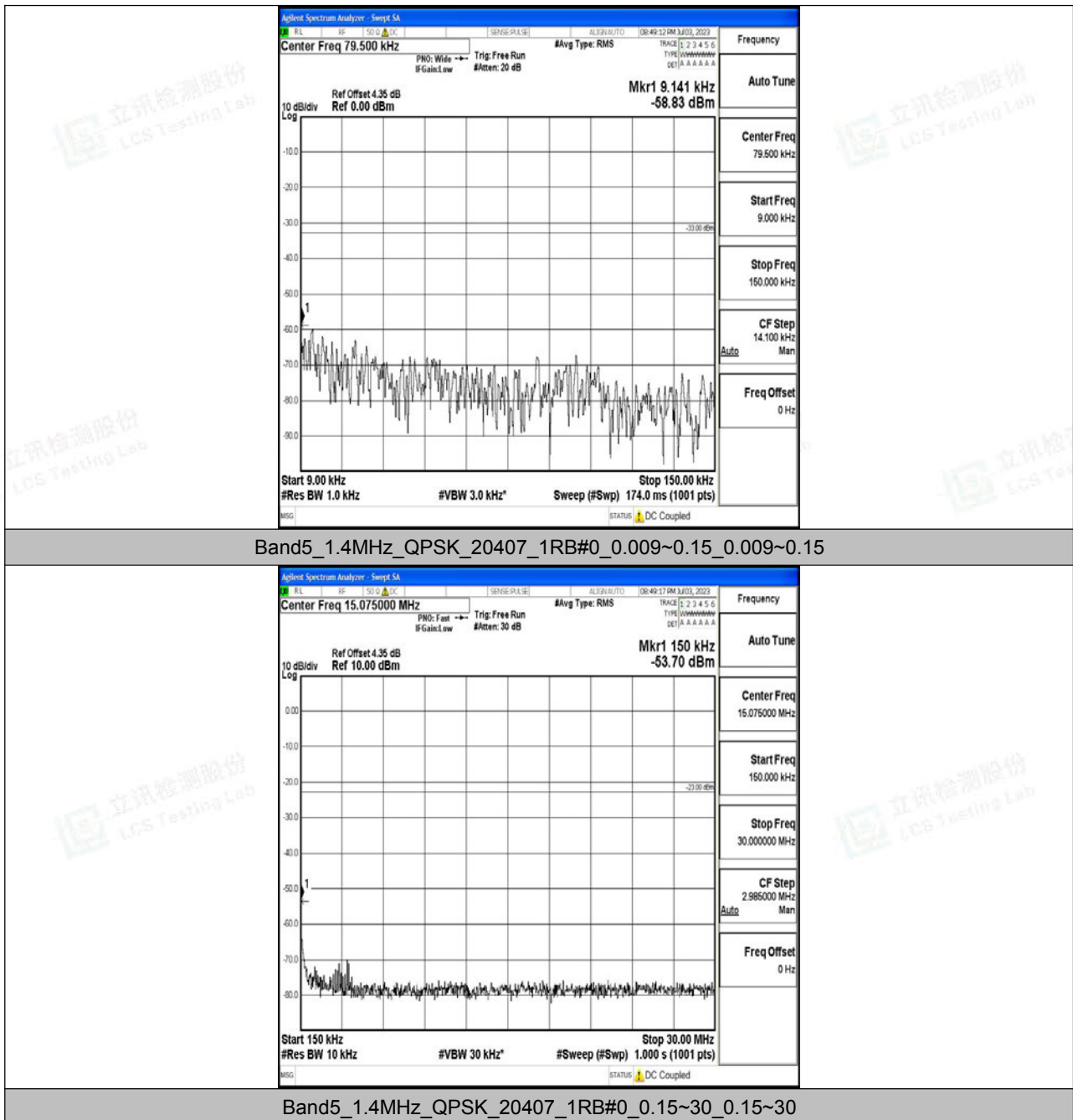
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

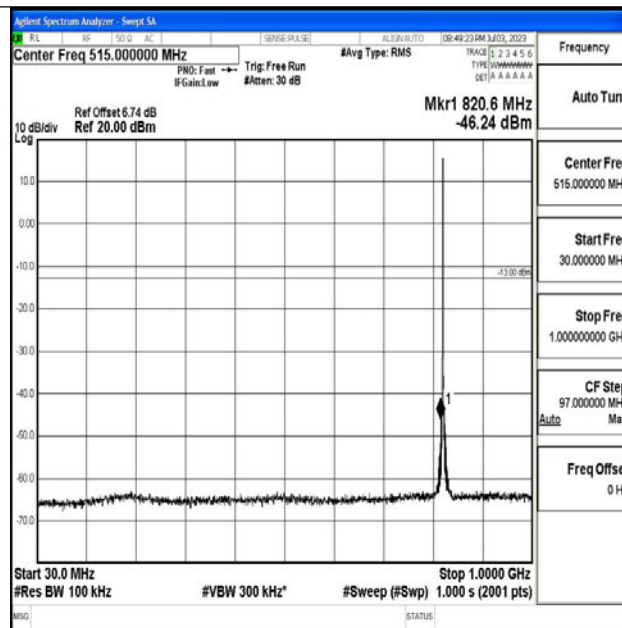
Scan code to check authenticity



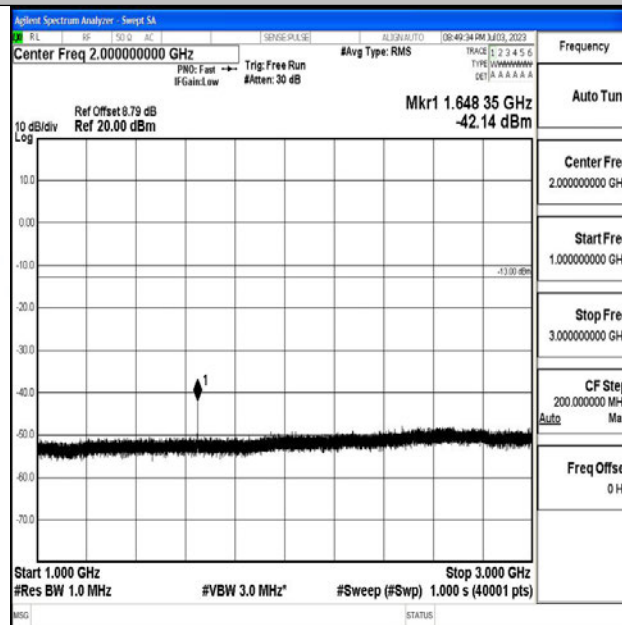
Band5	10MHz	QPSK	20600	1RB#0	3000~10000	-44.13	PASS
Band5	10MHz	16QAM	20600	1RB#0	0.009~0.15	-57.36	PASS
Band5	10MHz	16QAM	20600	1RB#0	0.15~30	-54.30	PASS
Band5	10MHz	16QAM	20600	1RB#0	30~1000	-62.45	PASS
Band5	10MHz	16QAM	20600	1RB#0	1000~3000	-44.64	PASS
Band5	10MHz	16QAM	20600	1RB#0	3000~10000	-43.86	PASS

Test Graphs



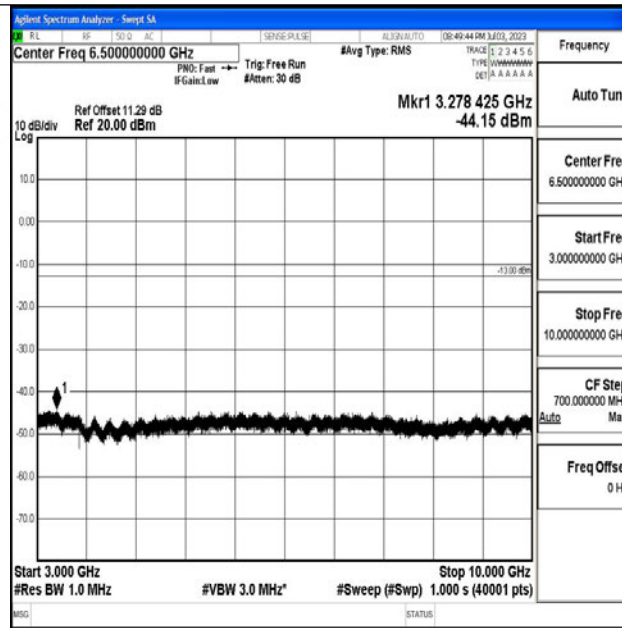


Band5_1.4MHz_QPSK_20407_1RB#0_30~1000_30~1000

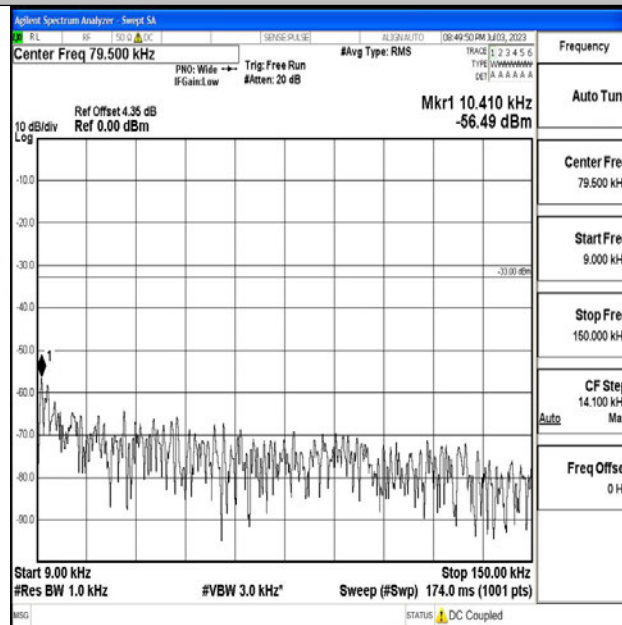


Band5_1.4MHz_QPSK_20407_1RB#0_1000~3000_1000~3000



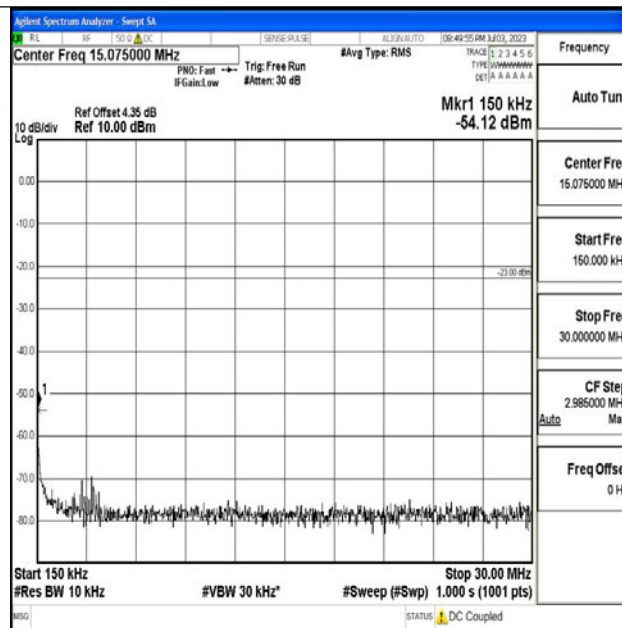


Band5_1.4MHz_QPSK_20407_1RB#0_3000~10000_3000~10000

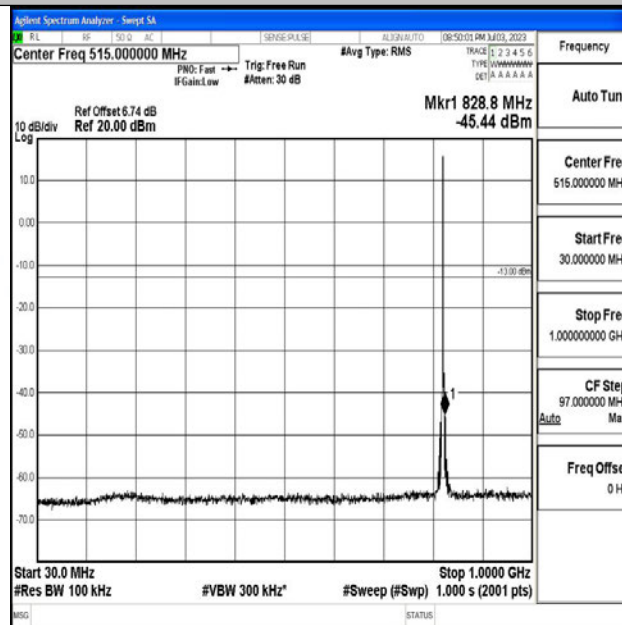


Band5_1.4MHz_16QAM_20407_1RB#0_0.009~0.15_0.009~0.15



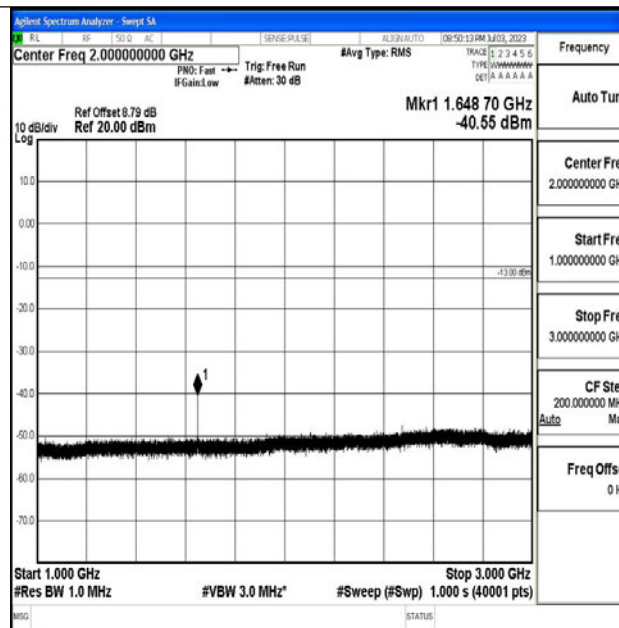


Band5_1.4MHz_16QAM_20407_1RB#0_0.15~30_0.15~30

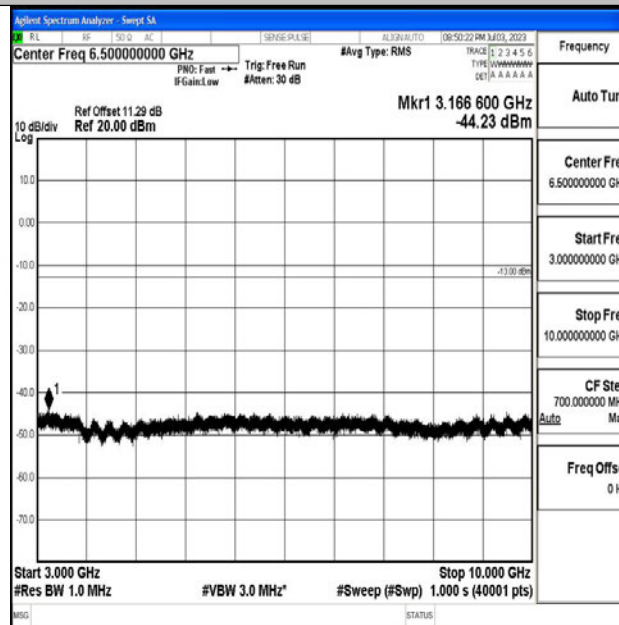


Band5_1.4MHz_16QAM_20407_1RB#0_30~1000_30~1000



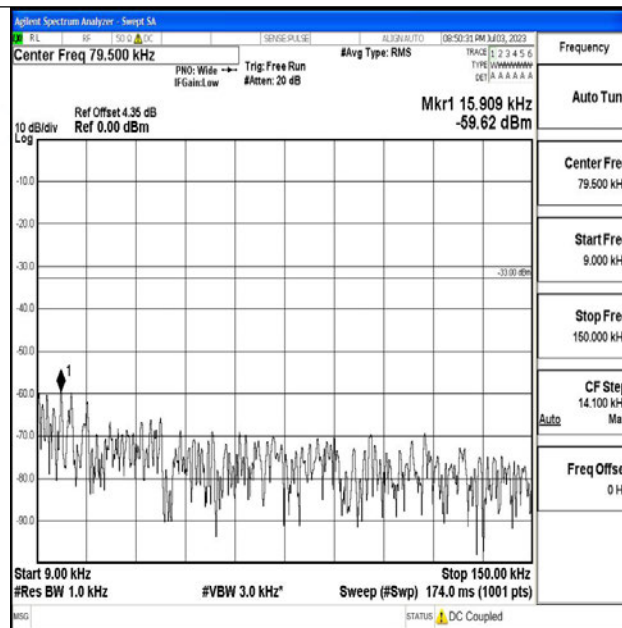


Band5_1.4MHz_16QAM_20407_1RB#0_1000~3000_1000~3000

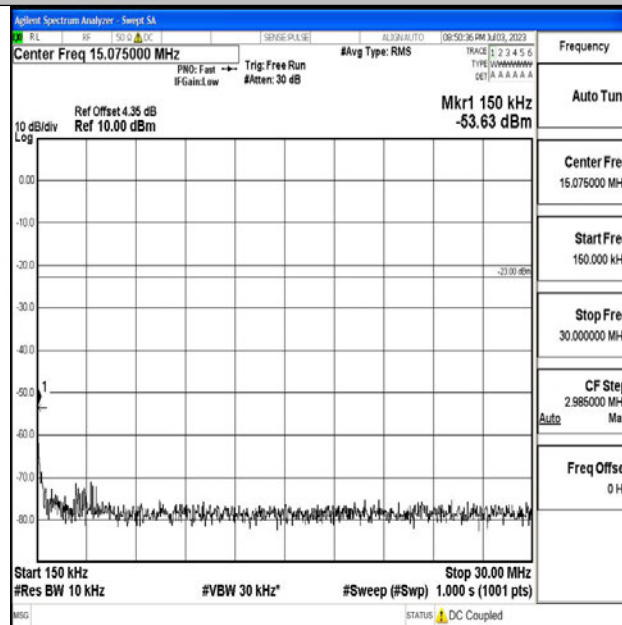


Band5_1.4MHz_16QAM_20407_1RB#0_3000~10000_3000~10000



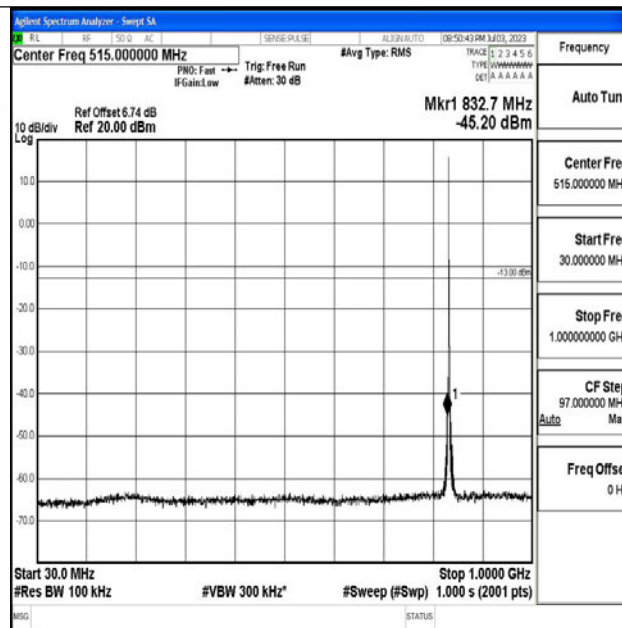


Band5_1.4MHz_QPSK_20525_1RB#0_0.009~0.15_0.009~0.15

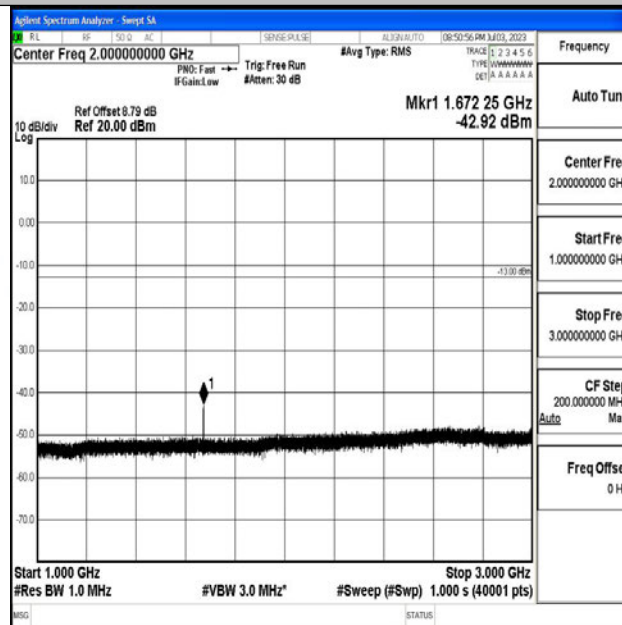


Band5_1.4MHz_QPSK_20525_1RB#0_0.15~30_0.15~30



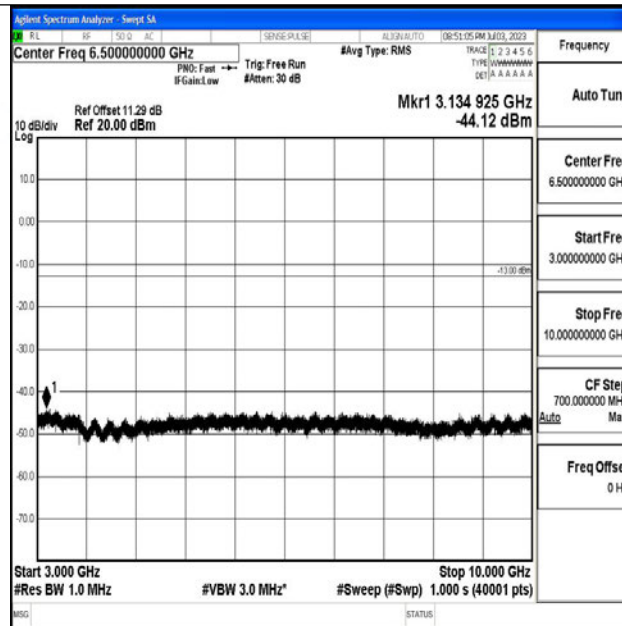


Band5_1.4MHz_QPSK_20525_1RB#0_30~1000_30~1000

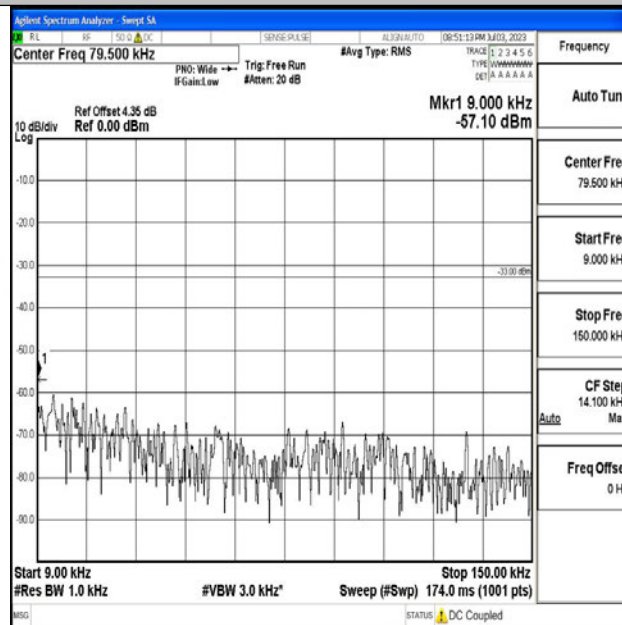


Band5_1.4MHz_QPSK_20525_1RB#0_1000~3000_1000~3000



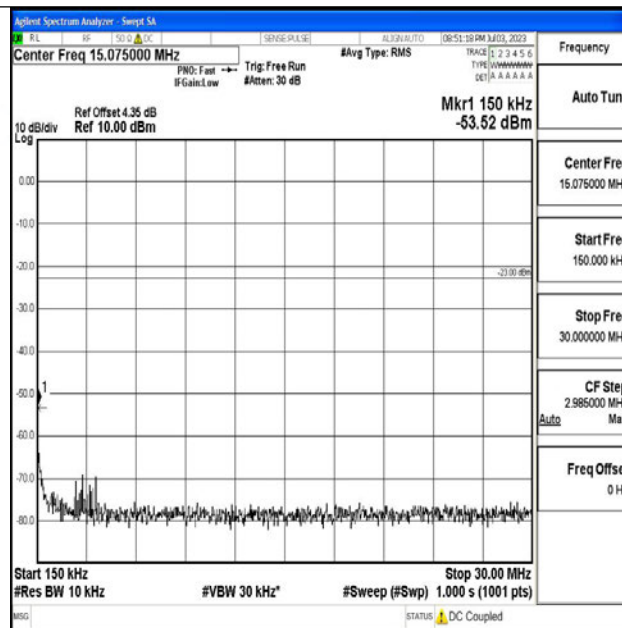


Band5_1.4MHz_QPSK_20525_1RB#0_3000~10000_3000~10000

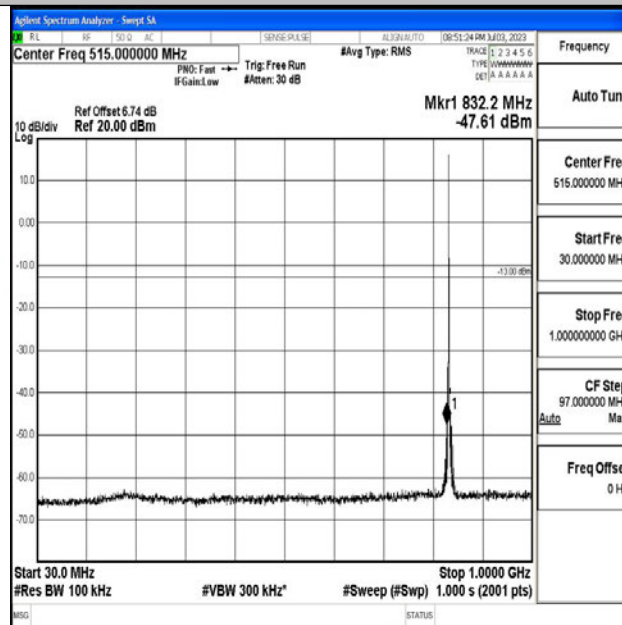


Band5_1.4MHz_16QAM_20525_1RB#0_0.009~0.15_0.009~0.15



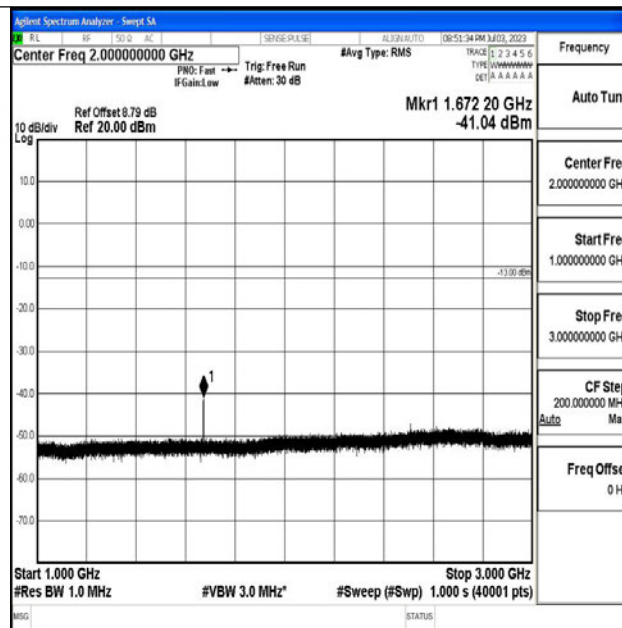


Band5_1.4MHz_16QAM_20525_1RB#0_0.15~30_0.15~30

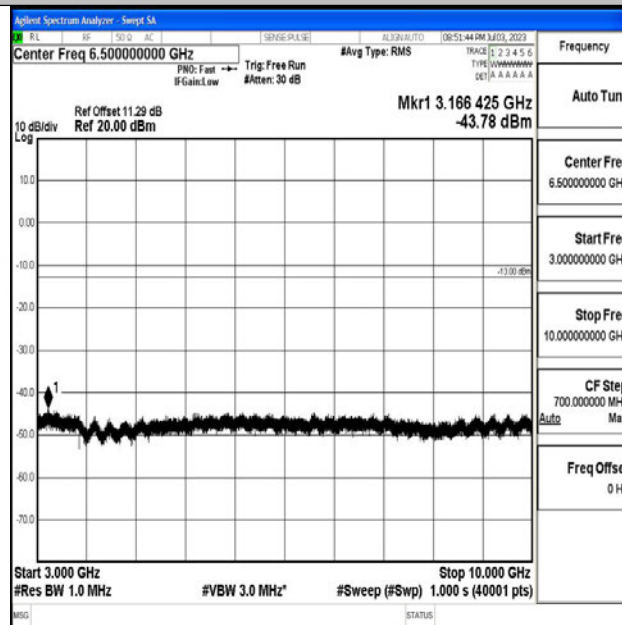


Band5_1.4MHz_16QAM_20525_1RB#0_30~1000_30~1000



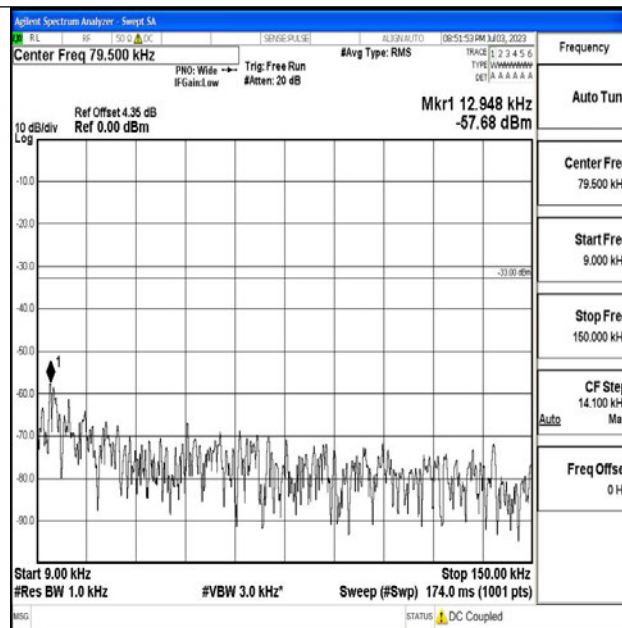


Band5_1.4MHz_16QAM_20525_1RB#0_1000~3000_1000~3000

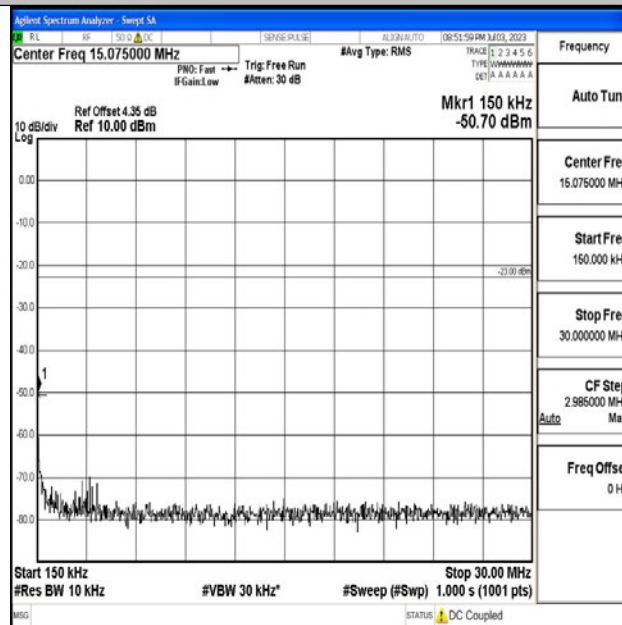


Band5_1.4MHz_16QAM_20525_1RB#0_3000~10000_3000~10000





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



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

