



Appendix L Test Data for E-UTRA Band 12

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
	<i>Nick Peng</i>
Supervised by:	Ling Zhu
	<i>Ling. Zhu</i>



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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L.1 Conducted Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	23.03	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	23.27	PASS
Band12	1.4MHz	QPSK	23017	1RB#2	22.89	PASS
Band12	1.4MHz	16QAM	23017	1RB#2	23.18	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	23.07	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	22.80	PASS
Band12	1.4MHz	QPSK	23017	3RB#0	22.98	PASS
Band12	1.4MHz	16QAM	23017	3RB#0	21.55	PASS
Band12	1.4MHz	QPSK	23017	3RB#1	22.84	PASS
Band12	1.4MHz	16QAM	23017	3RB#1	21.55	PASS
Band12	1.4MHz	QPSK	23017	3RB#3	22.69	PASS
Band12	1.4MHz	16QAM	23017	3RB#3	21.51	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	22.00	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	21.25	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	22.89	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	21.75	PASS
Band12	1.4MHz	QPSK	23095	1RB#2	22.84	PASS
Band12	1.4MHz	16QAM	23095	1RB#2	21.72	PASS
Band12	1.4MHz	QPSK	23095	1RB#5	22.82	PASS
Band12	1.4MHz	16QAM	23095	1RB#5	21.83	PASS
Band12	1.4MHz	QPSK	23095	3RB#0	22.65	PASS
Band12	1.4MHz	16QAM	23095	3RB#0	21.58	PASS
Band12	1.4MHz	QPSK	23095	3RB#1	22.75	PASS
Band12	1.4MHz	16QAM	23095	3RB#1	21.58	PASS
Band12	1.4MHz	QPSK	23095	3RB#3	22.65	PASS
Band12	1.4MHz	16QAM	23095	3RB#3	21.56	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	21.89	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	21.18	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	22.60	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	22.09	PASS
Band12	1.4MHz	QPSK	23173	1RB#2	22.58	PASS
Band12	1.4MHz	16QAM	23173	1RB#2	22.08	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	22.51	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	22.18	PASS
Band12	1.4MHz	QPSK	23173	3RB#0	22.58	PASS



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Band12	1.4MHz	16QAM	23173	3RB#0	21.78	PASS
Band12	1.4MHz	QPSK	23173	3RB#1	22.61	PASS
Band12	1.4MHz	16QAM	23173	3RB#1	21.78	PASS
Band12	1.4MHz	QPSK	23173	3RB#3	22.60	PASS
Band12	1.4MHz	16QAM	23173	3RB#3	21.78	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	21.80	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	21.00	PASS
Band12	3MHz	QPSK	23025	1RB#0	22.83	PASS
Band12	3MHz	16QAM	23025	1RB#0	21.87	PASS
Band12	3MHz	QPSK	23025	1RB#8	22.81	PASS
Band12	3MHz	16QAM	23025	1RB#8	21.78	PASS
Band12	3MHz	QPSK	23025	1RB#14	22.91	PASS
Band12	3MHz	16QAM	23025	1RB#14	21.82	PASS
Band12	3MHz	QPSK	23025	8RB#0	21.85	PASS
Band12	3MHz	16QAM	23025	8RB#0	21.23	PASS
Band12	3MHz	QPSK	23025	8RB#4	22.12	PASS
Band12	3MHz	16QAM	23025	8RB#4	21.23	PASS
Band12	3MHz	QPSK	23025	8RB#7	21.77	PASS
Band12	3MHz	16QAM	23025	8RB#7	21.21	PASS
Band12	3MHz	QPSK	23025	15RB#0	21.98	PASS
Band12	3MHz	16QAM	23025	15RB#0	21.12	PASS
Band12	3MHz	QPSK	23095	1RB#0	22.79	PASS
Band12	3MHz	16QAM	23095	1RB#0	21.76	PASS
Band12	3MHz	QPSK	23095	1RB#8	22.79	PASS
Band12	3MHz	16QAM	23095	1RB#8	21.72	PASS
Band12	3MHz	QPSK	23095	1RB#14	22.71	PASS
Band12	3MHz	16QAM	23095	1RB#14	21.70	PASS
Band12	3MHz	QPSK	23095	8RB#0	21.68	PASS
Band12	3MHz	16QAM	23095	8RB#0	21.12	PASS
Band12	3MHz	QPSK	23095	8RB#4	21.68	PASS
Band12	3MHz	16QAM	23095	8RB#4	21.15	PASS
Band12	3MHz	QPSK	23095	8RB#7	21.77	PASS
Band12	3MHz	16QAM	23095	8RB#7	21.15	PASS
Band12	3MHz	QPSK	23095	15RB#0	21.81	PASS
Band12	3MHz	16QAM	23095	15RB#0	20.87	PASS
Band12	3MHz	QPSK	23165	1RB#0	22.63	PASS
Band12	3MHz	16QAM	23165	1RB#0	22.19	PASS
Band12	3MHz	QPSK	23165	1RB#8	22.63	PASS
Band12	3MHz	16QAM	23165	1RB#8	22.15	PASS
Band12	3MHz	QPSK	23165	1RB#14	22.53	PASS
Band12	3MHz	16QAM	23165	1RB#14	22.13	PASS



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Band12	3MHz	QPSK	23165	8RB#0	21.77	PASS
Band12	3MHz	16QAM	23165	8RB#0	20.95	PASS
Band12	3MHz	QPSK	23165	8RB#4	21.77	PASS
Band12	3MHz	16QAM	23165	8RB#4	20.98	PASS
Band12	3MHz	QPSK	23165	8RB#7	21.69	PASS
Band12	3MHz	16QAM	23165	8RB#7	20.94	PASS
Band12	3MHz	QPSK	23165	15RB#0	21.63	PASS
Band12	3MHz	16QAM	23165	15RB#0	20.85	PASS
Band12	5MHz	QPSK	23035	1RB#0	22.83	PASS
Band12	5MHz	16QAM	23035	1RB#0	21.37	PASS
Band12	5MHz	QPSK	23035	1RB#12	22.75	PASS
Band12	5MHz	16QAM	23035	1RB#12	21.31	PASS
Band12	5MHz	QPSK	23035	1RB#24	22.73	PASS
Band12	5MHz	16QAM	23035	1RB#24	21.19	PASS
Band12	5MHz	QPSK	23035	12RB#0	21.95	PASS
Band12	5MHz	16QAM	23035	12RB#0	21.03	PASS
Band12	5MHz	QPSK	23035	12RB#6	21.95	PASS
Band12	5MHz	16QAM	23035	12RB#6	21.03	PASS
Band12	5MHz	QPSK	23035	12RB#13	21.79	PASS
Band12	5MHz	16QAM	23035	12RB#13	21.02	PASS
Band12	5MHz	QPSK	23035	25RB#0	21.78	PASS
Band12	5MHz	16QAM	23035	25RB#0	21.21	PASS
Band12	5MHz	QPSK	23095	1RB#0	22.51	PASS
Band12	5MHz	16QAM	23095	1RB#0	22.26	PASS
Band12	5MHz	QPSK	23095	1RB#12	22.30	PASS
Band12	5MHz	16QAM	23095	1RB#12	22.13	PASS
Band12	5MHz	QPSK	23095	1RB#24	22.44	PASS
Band12	5MHz	16QAM	23095	1RB#24	22.11	PASS
Band12	5MHz	QPSK	23095	12RB#0	21.81	PASS
Band12	5MHz	16QAM	23095	12RB#0	20.92	PASS
Band12	5MHz	QPSK	23095	12RB#6	21.81	PASS
Band12	5MHz	16QAM	23095	12RB#6	21.00	PASS
Band12	5MHz	QPSK	23095	12RB#13	21.65	PASS
Band12	5MHz	16QAM	23095	12RB#13	21.00	PASS
Band12	5MHz	QPSK	23095	25RB#0	21.75	PASS
Band12	5MHz	16QAM	23095	25RB#0	20.81	PASS
Band12	5MHz	QPSK	23155	1RB#0	22.89	PASS
Band12	5MHz	16QAM	23155	1RB#0	21.65	PASS
Band12	5MHz	QPSK	23155	1RB#12	22.94	PASS
Band12	5MHz	16QAM	23155	1RB#12	21.62	PASS
Band12	5MHz	QPSK	23155	1RB#24	22.60	PASS



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Band12	5MHz	16QAM	23155	1RB#24	21.64	PASS
Band12	5MHz	QPSK	23155	12RB#0	21.78	PASS
Band12	5MHz	16QAM	23155	12RB#0	20.74	PASS
Band12	5MHz	QPSK	23155	12RB#6	21.78	PASS
Band12	5MHz	16QAM	23155	12RB#6	20.85	PASS
Band12	5MHz	QPSK	23155	12RB#13	21.65	PASS
Band12	5MHz	16QAM	23155	12RB#13	20.94	PASS
Band12	5MHz	QPSK	23155	25RB#0	21.74	PASS
Band12	5MHz	16QAM	23155	25RB#0	20.98	PASS
Band12	10MHz	QPSK	23060	1RB#0	22.73	PASS
Band12	10MHz	16QAM	23060	1RB#0	22.05	PASS
Band12	10MHz	QPSK	23060	1RB#24	22.67	PASS
Band12	10MHz	16QAM	23060	1RB#24	21.93	PASS
Band12	10MHz	QPSK	23060	1RB#49	22.47	PASS
Band12	10MHz	16QAM	23060	1RB#49	22.02	PASS
Band12	10MHz	QPSK	23060	25RB#0	22.05	PASS
Band12	10MHz	16QAM	23060	25RB#0	21.06	PASS
Band12	10MHz	QPSK	23060	25RB#12	21.80	PASS
Band12	10MHz	16QAM	23060	25RB#12	21.06	PASS
Band12	10MHz	QPSK	23060	25RB#25	21.59	PASS
Band12	10MHz	16QAM	23060	25RB#25	20.87	PASS
Band12	10MHz	QPSK	23060	50RB#0	21.85	PASS
Band12	10MHz	16QAM	23060	50RB#0	21.04	PASS
Band12	10MHz	QPSK	23095	1RB#0	22.87	PASS
Band12	10MHz	16QAM	23095	1RB#0	21.91	PASS
Band12	10MHz	QPSK	23095	1RB#24	22.79	PASS
Band12	10MHz	16QAM	23095	1RB#24	21.78	PASS
Band12	10MHz	QPSK	23095	1RB#49	22.77	PASS
Band12	10MHz	16QAM	23095	1RB#49	21.71	PASS
Band12	10MHz	QPSK	23095	25RB#0	21.91	PASS
Band12	10MHz	16QAM	23095	25RB#0	21.12	PASS
Band12	10MHz	QPSK	23095	25RB#12	21.92	PASS
Band12	10MHz	16QAM	23095	25RB#12	21.12	PASS
Band12	10MHz	QPSK	23095	25RB#25	21.68	PASS
Band12	10MHz	16QAM	23095	25RB#25	21.11	PASS
Band12	10MHz	QPSK	23095	50RB#0	21.84	PASS
Band12	10MHz	16QAM	23095	50RB#0	21.01	PASS
Band12	10MHz	QPSK	23130	1RB#0	22.50	PASS
Band12	10MHz	16QAM	23130	1RB#0	22.60	PASS
Band12	10MHz	QPSK	23130	1RB#24	22.51	PASS
Band12	10MHz	16QAM	23130	1RB#24	22.63	PASS



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Band12	10MHz	QPSK	23130	1RB#49	22.58	PASS
Band12	10MHz	16QAM	23130	1RB#49	21.85	PASS
Band12	10MHz	QPSK	23130	25RB#0	21.64	PASS
Band12	10MHz	16QAM	23130	25RB#0	21.05	PASS
Band12	10MHz	QPSK	23130	25RB#12	21.65	PASS
Band12	10MHz	16QAM	23130	25RB#12	21.00	PASS
Band12	10MHz	QPSK	23130	25RB#25	21.69	PASS
Band12	10MHz	16QAM	23130	25RB#25	21.02	PASS
Band12	10MHz	QPSK	23130	50RB#0	21.70	PASS
Band12	10MHz	16QAM	23130	50RB#0	21.48	PASS



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

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	5.24	13	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	6.06	13	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	5.35	13	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	6.22	13	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	4.76	13	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	5.42	13	PASS
Band12	3MHz	QPSK	23025	15RB#0	5.37	13	PASS
Band12	3MHz	16QAM	23025	15RB#0	6.22	13	PASS
Band12	3MHz	QPSK	23095	15RB#0	5.29	13	PASS
Band12	3MHz	16QAM	23095	15RB#0	6.13	13	PASS
Band12	3MHz	QPSK	23165	15RB#0	4.99	13	PASS
Band12	3MHz	16QAM	23165	15RB#0	5.73	13	PASS
Band12	5MHz	QPSK	23035	25RB#0	5.39	13	PASS
Band12	5MHz	16QAM	23035	25RB#0	6.05	13	PASS
Band12	5MHz	QPSK	23095	25RB#0	5.32	13	PASS
Band12	5MHz	16QAM	23095	25RB#0	5.97	13	PASS
Band12	5MHz	QPSK	23155	25RB#0	5.09	13	PASS
Band12	5MHz	16QAM	23155	25RB#0	5.82	13	PASS
Band12	10MHz	QPSK	23060	50RB#0	5.34	13	PASS
Band12	10MHz	16QAM	23060	50RB#0	6.03	13	PASS
Band12	10MHz	QPSK	23095	50RB#0	5.42	13	PASS
Band12	10MHz	16QAM	23095	50RB#0	6.10	13	PASS
Band12	10MHz	QPSK	23130	50RB#0	5.28	13	PASS
Band12	10MHz	16QAM	23130	50RB#0	5.95	13	PASS



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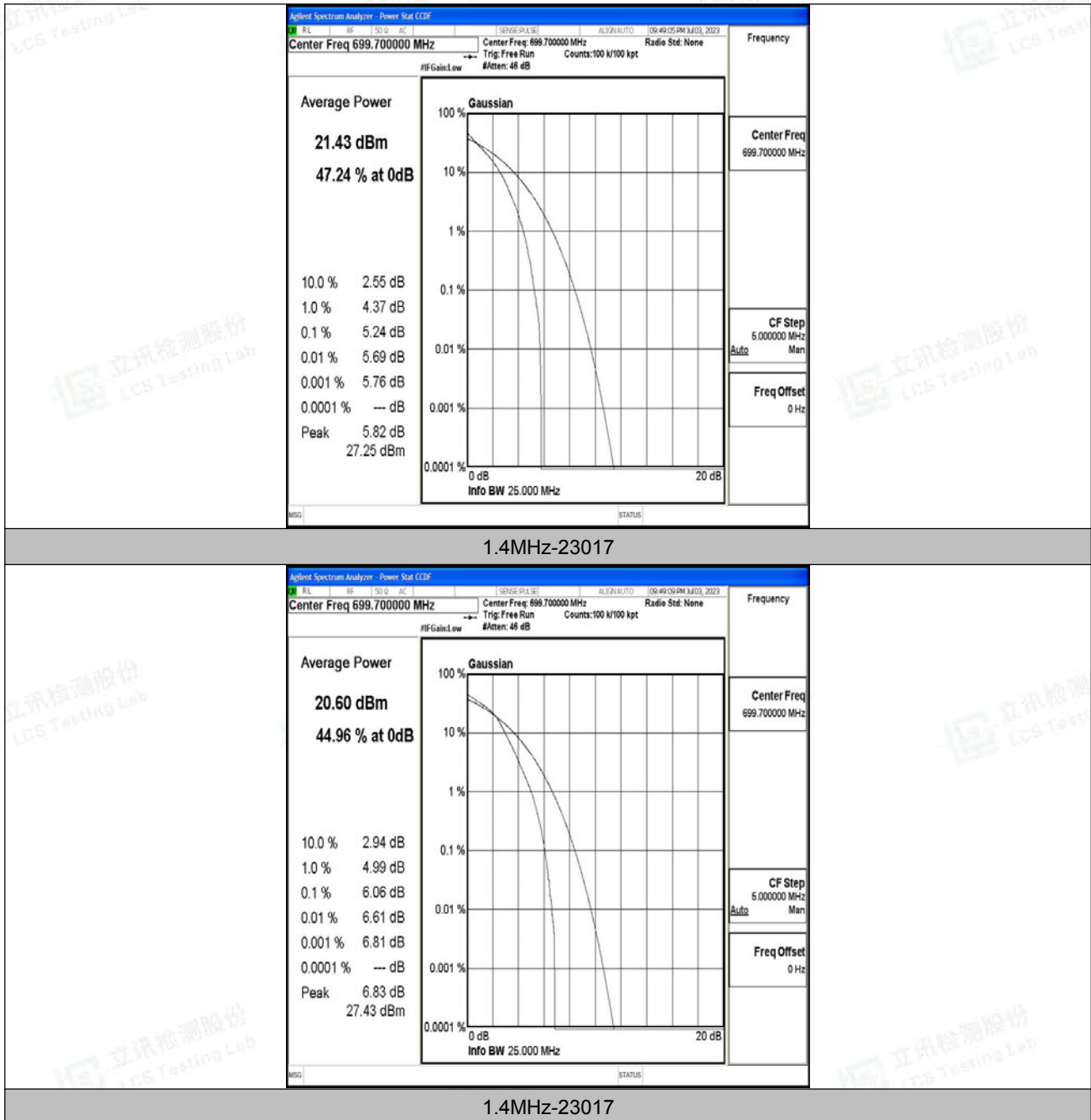
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Test Graphs

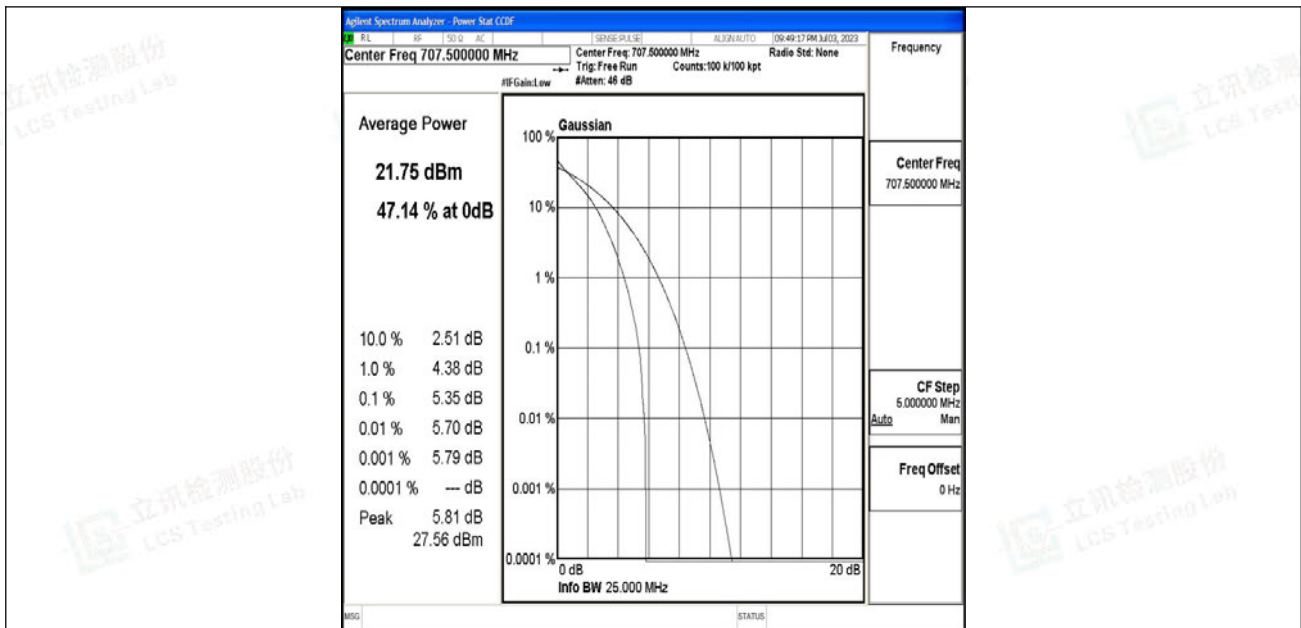


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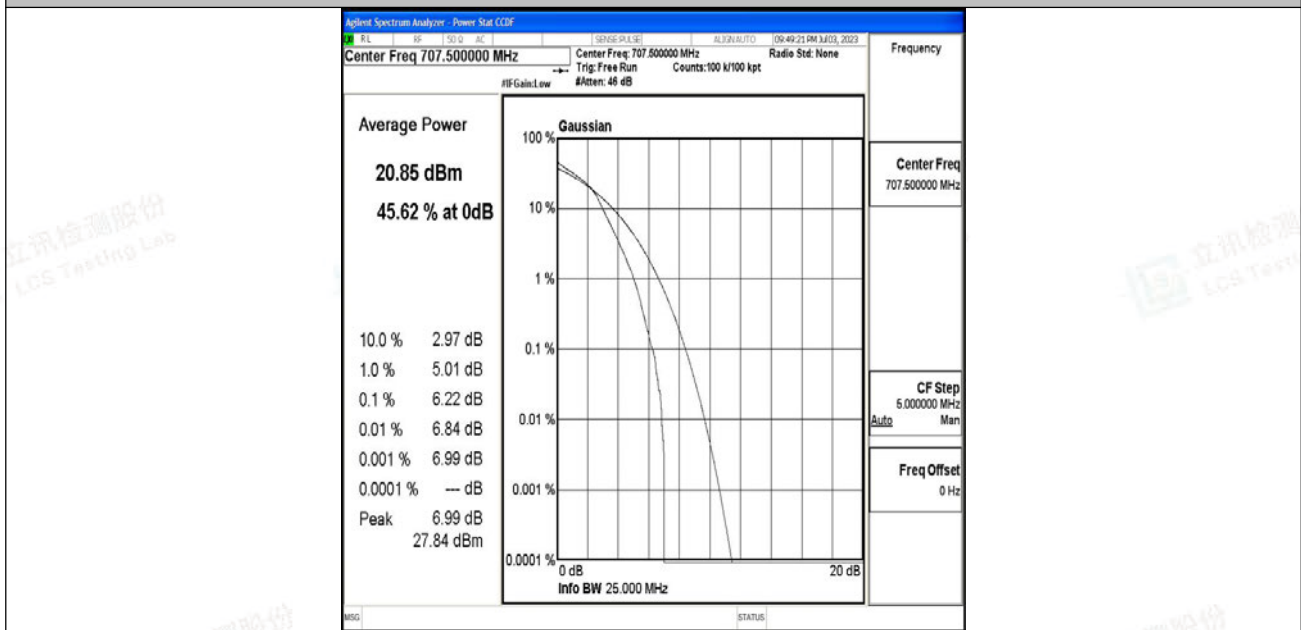
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1.4MHz-23095



1.4MHz-23095

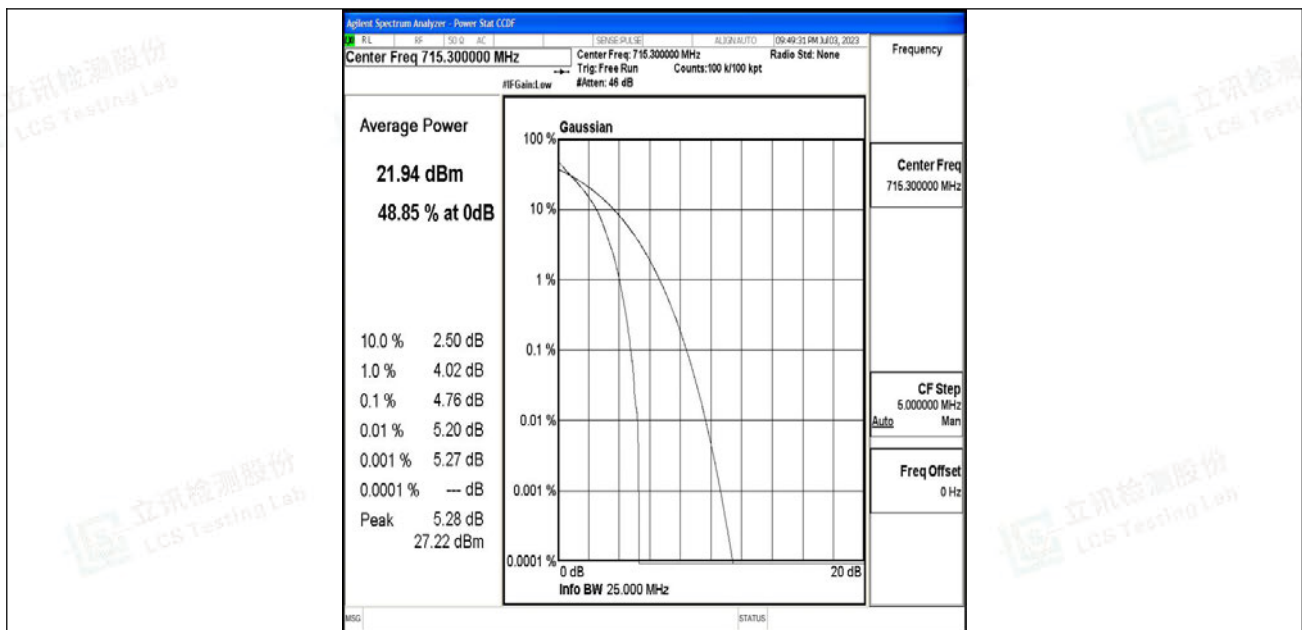


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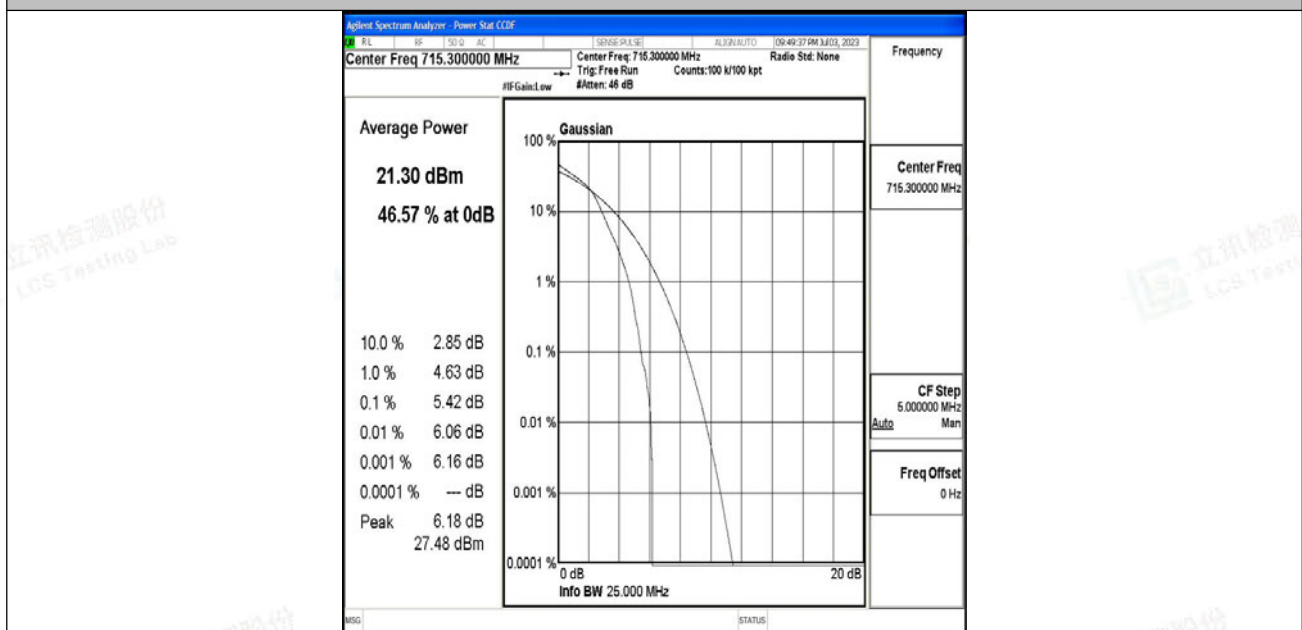
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1.4MHz-23173



1.4MHz-23173

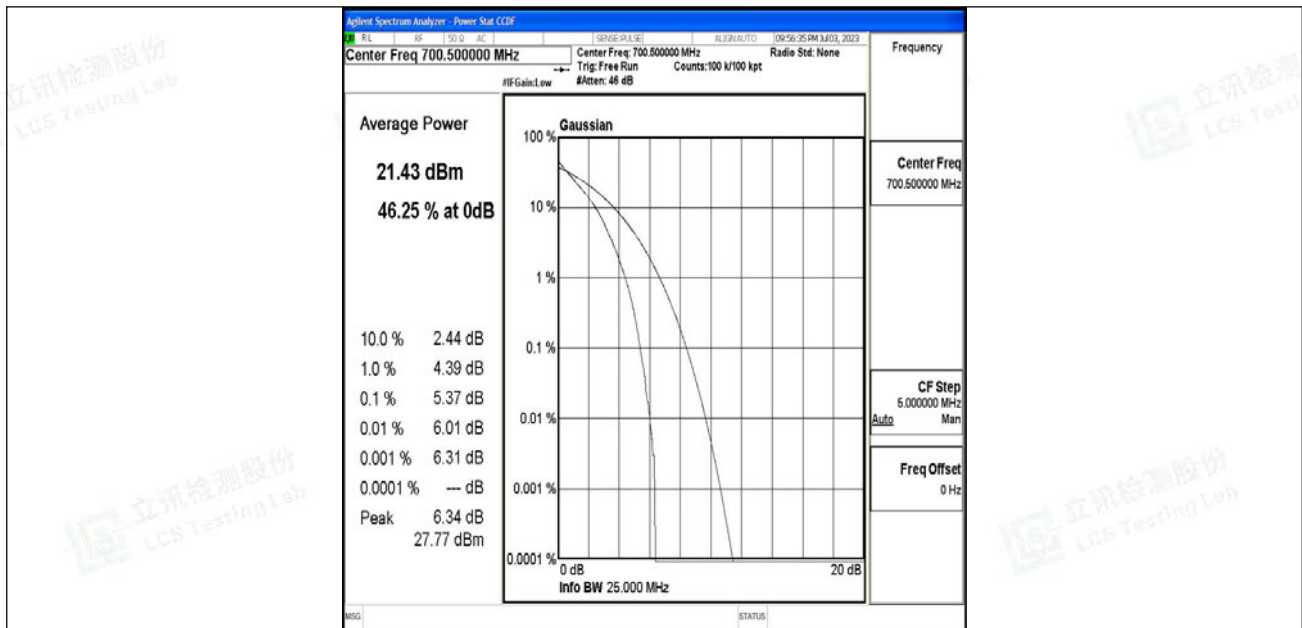


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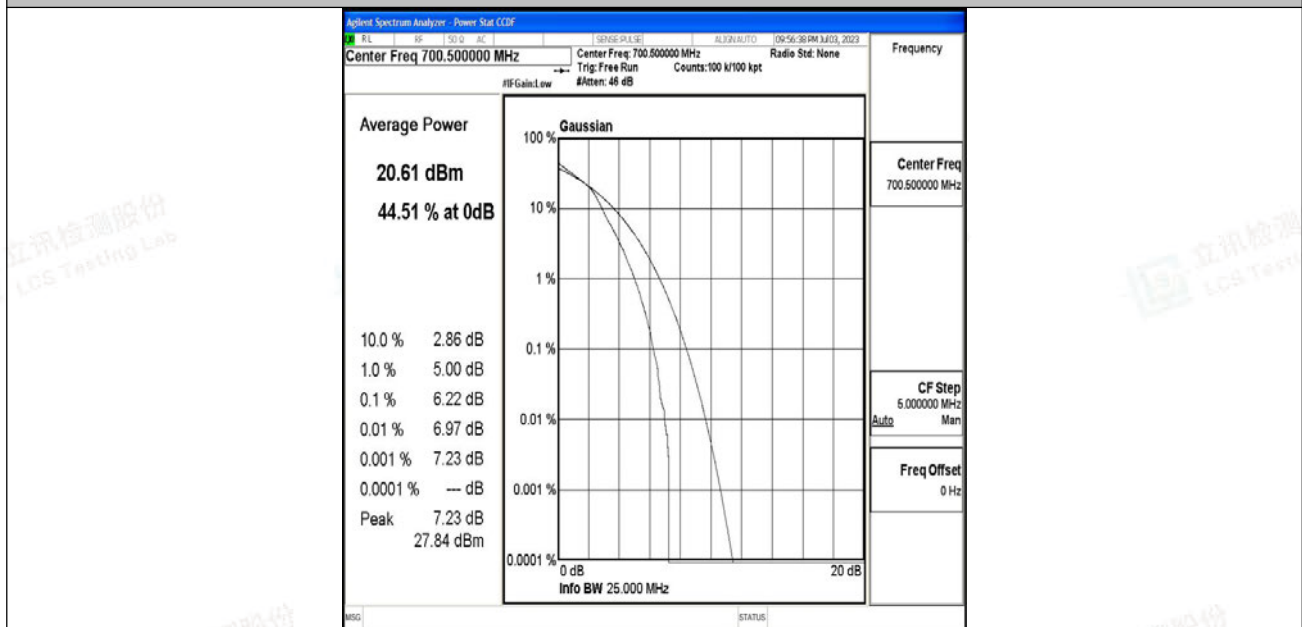
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3MHz-23025



3MHz-23025

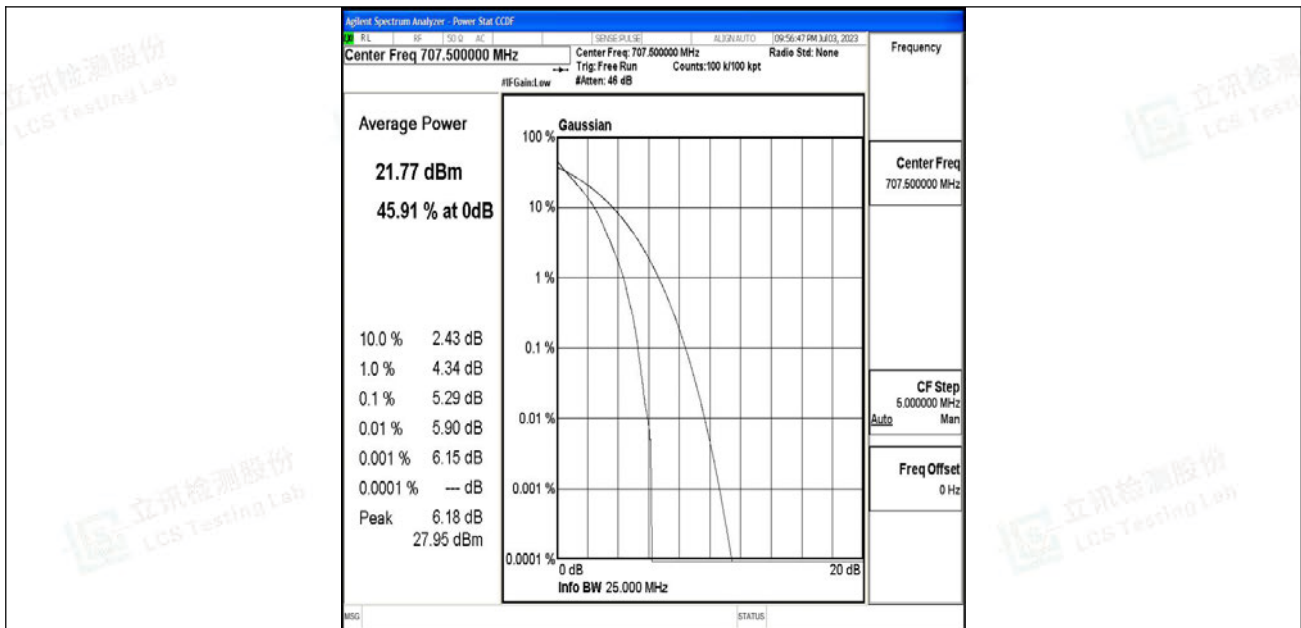


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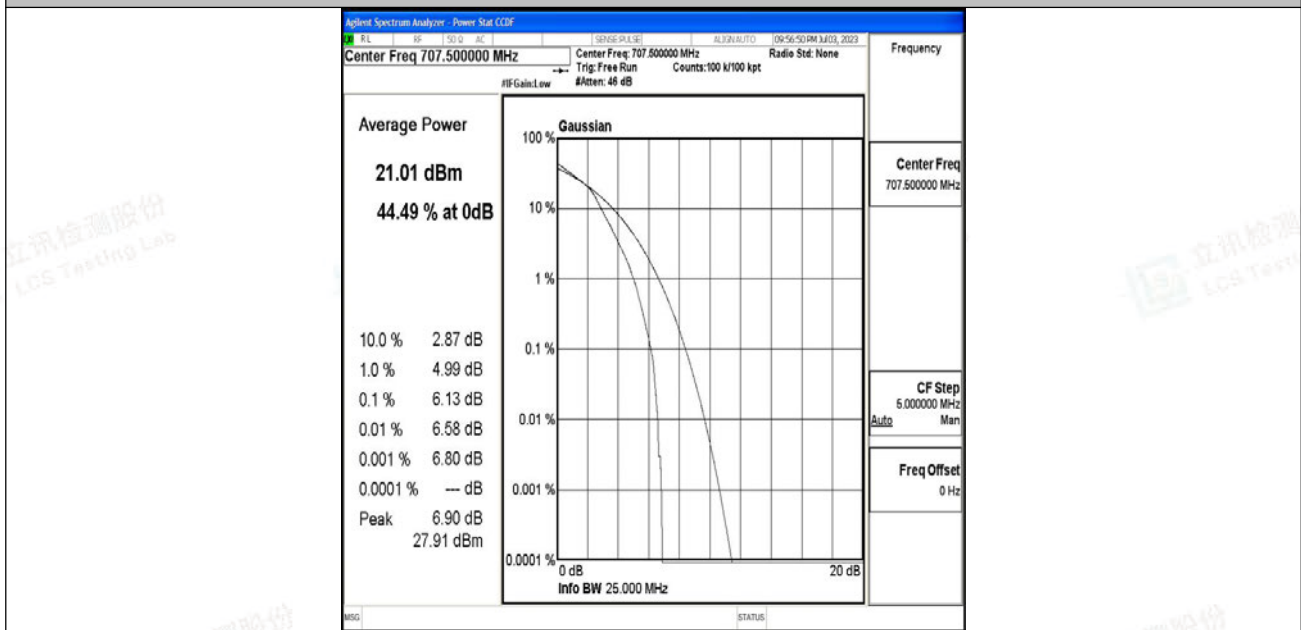
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3MHz-23095



3MHz-23095

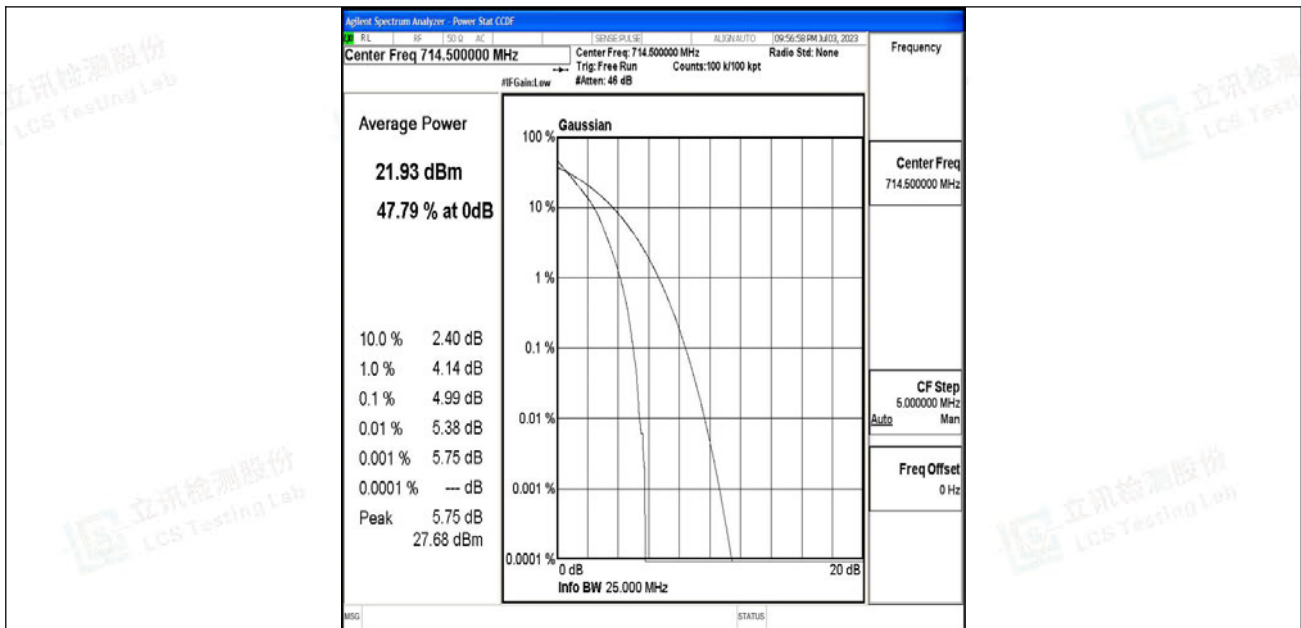


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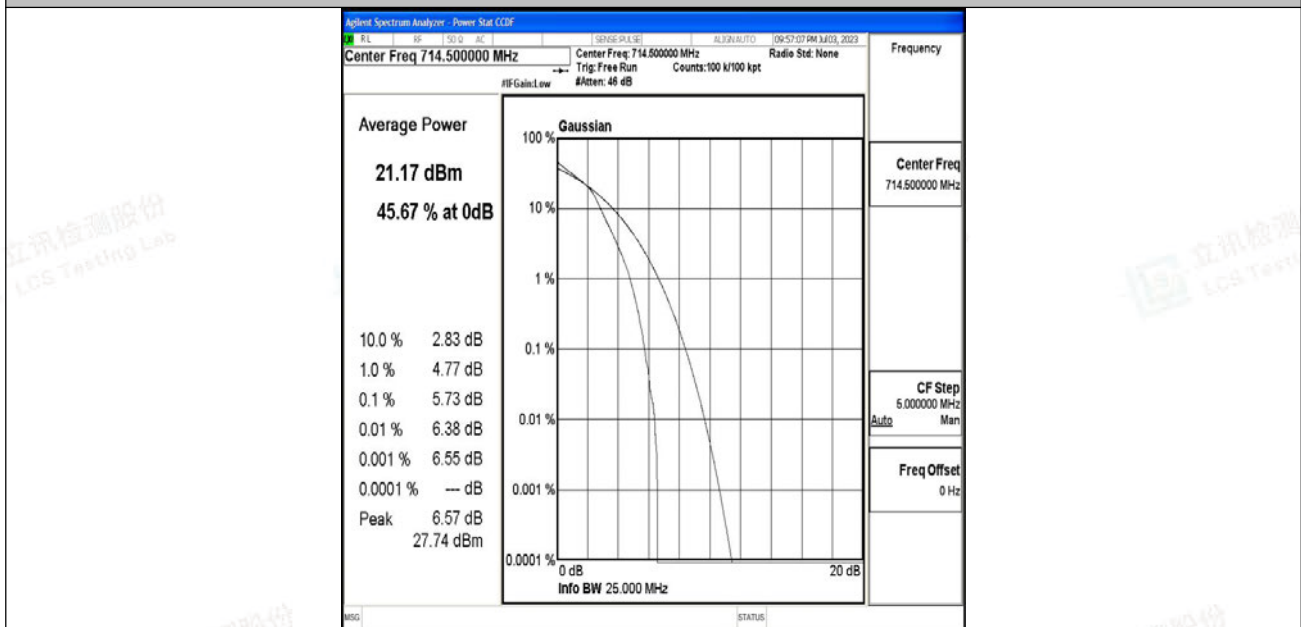
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3MHz-23165



3MHz-23165

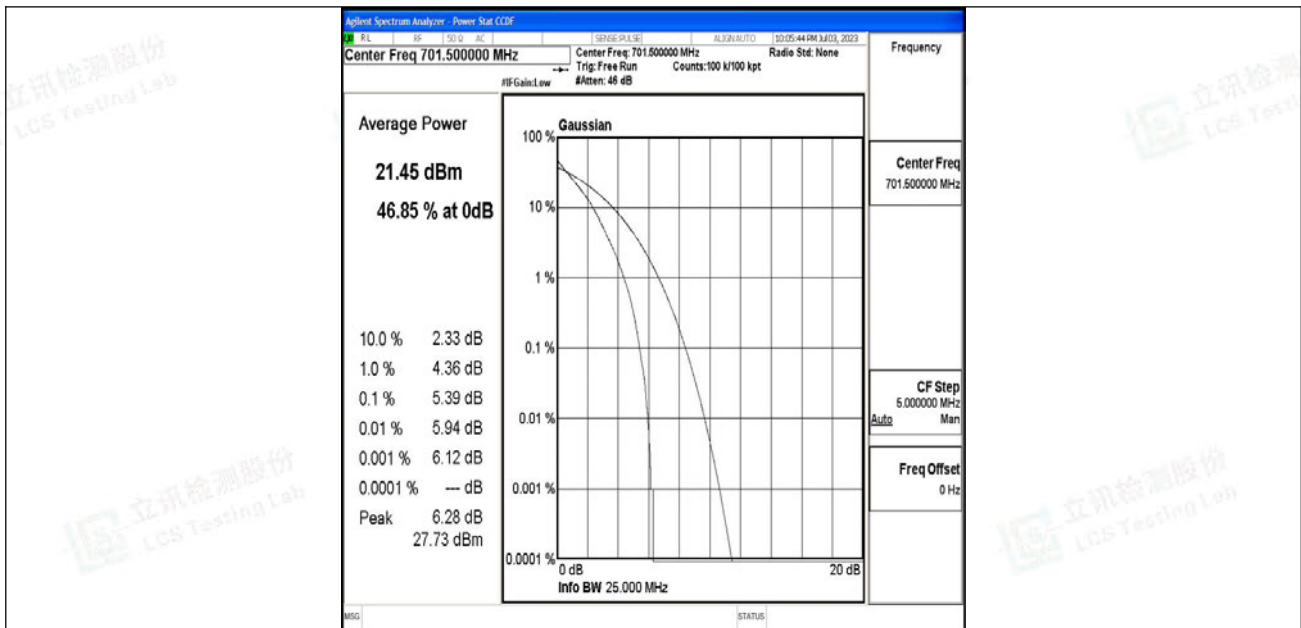


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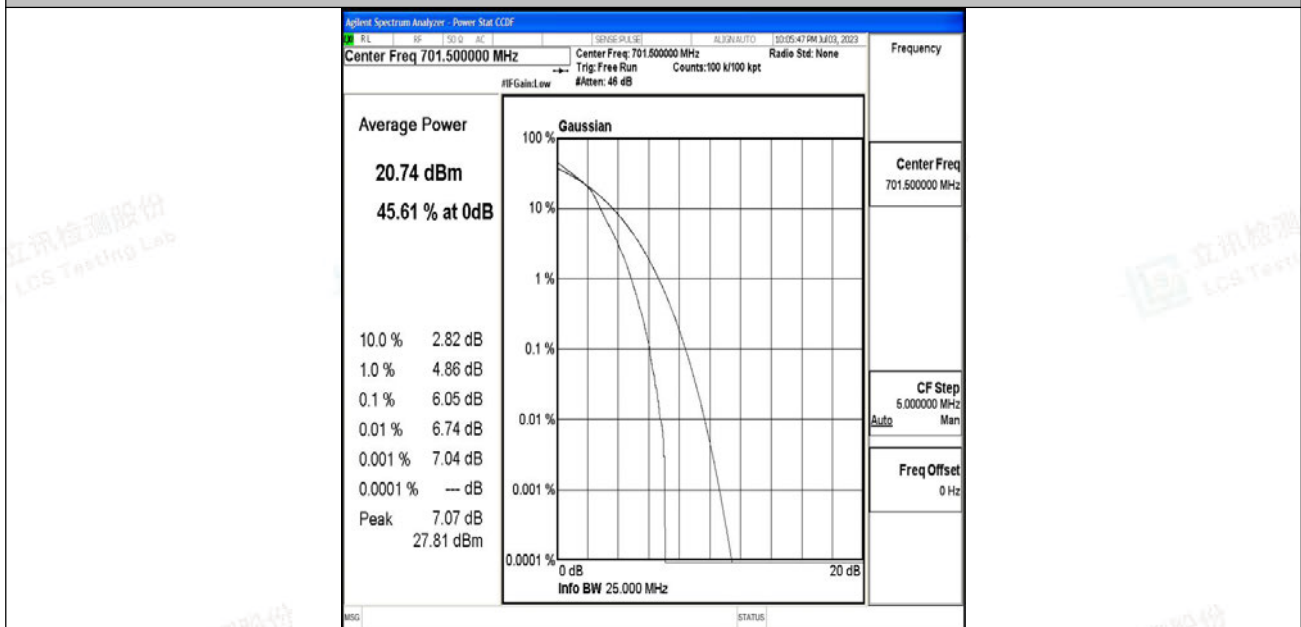
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5MHz-23035



5MHz-23035

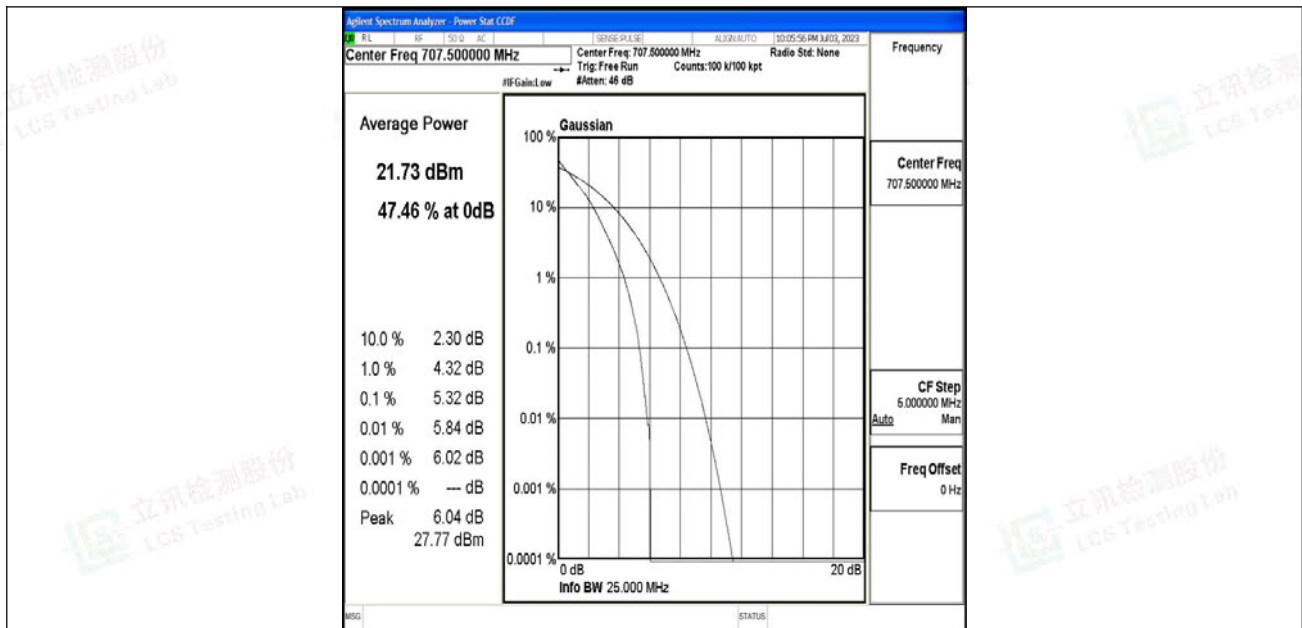


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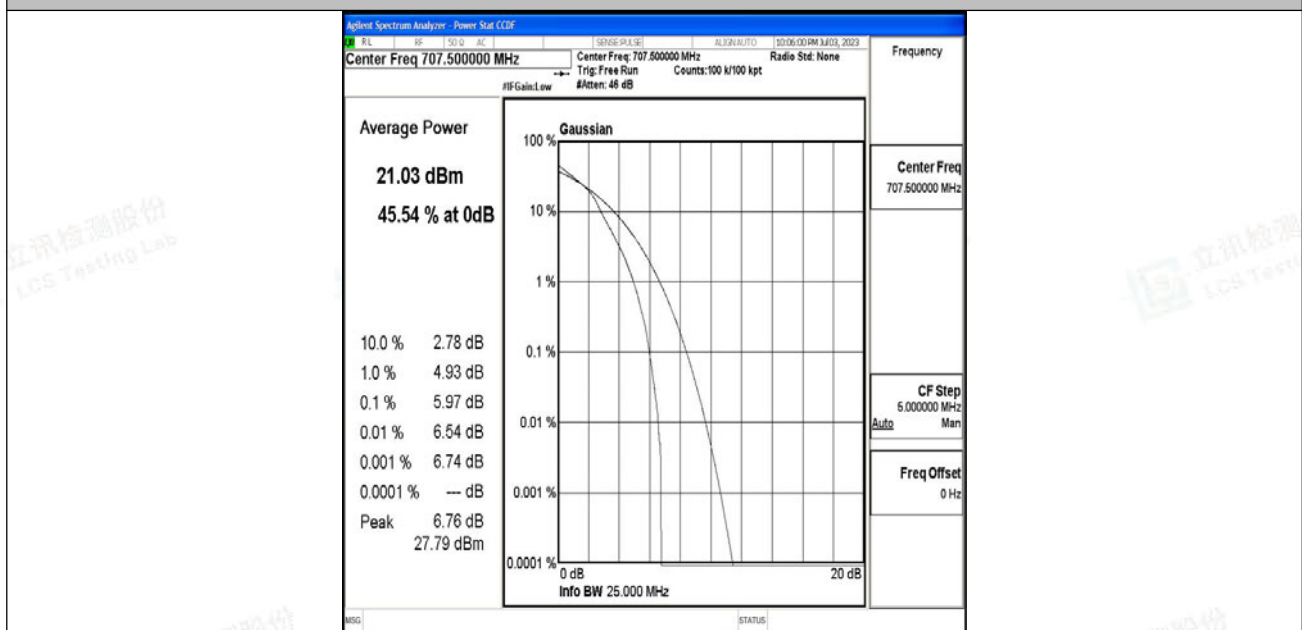
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Scan code to check authenticity



5MHz-23095



5MHz-23095

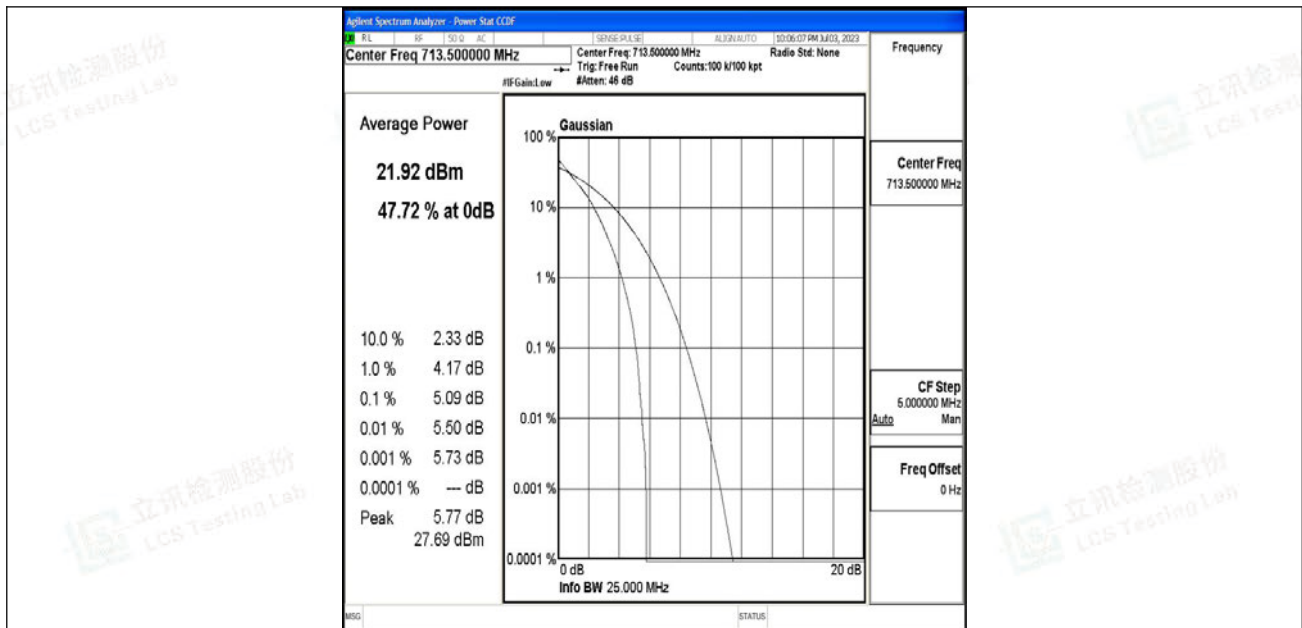


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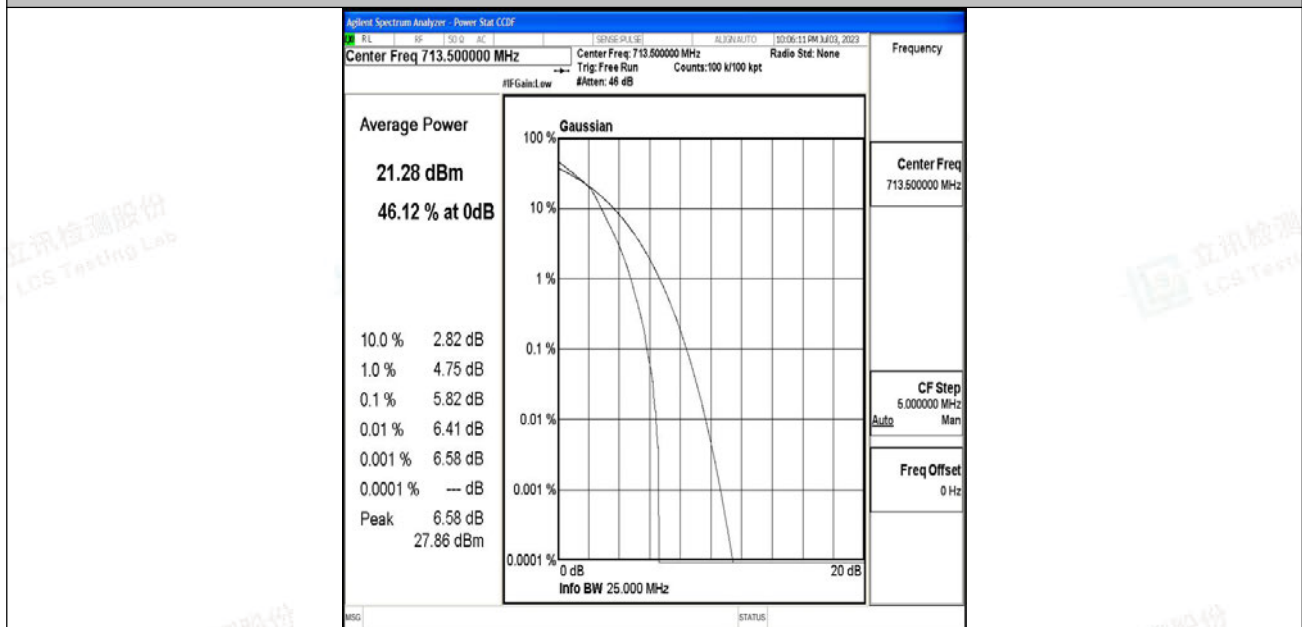
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5MHz-23155



5MHz-23155

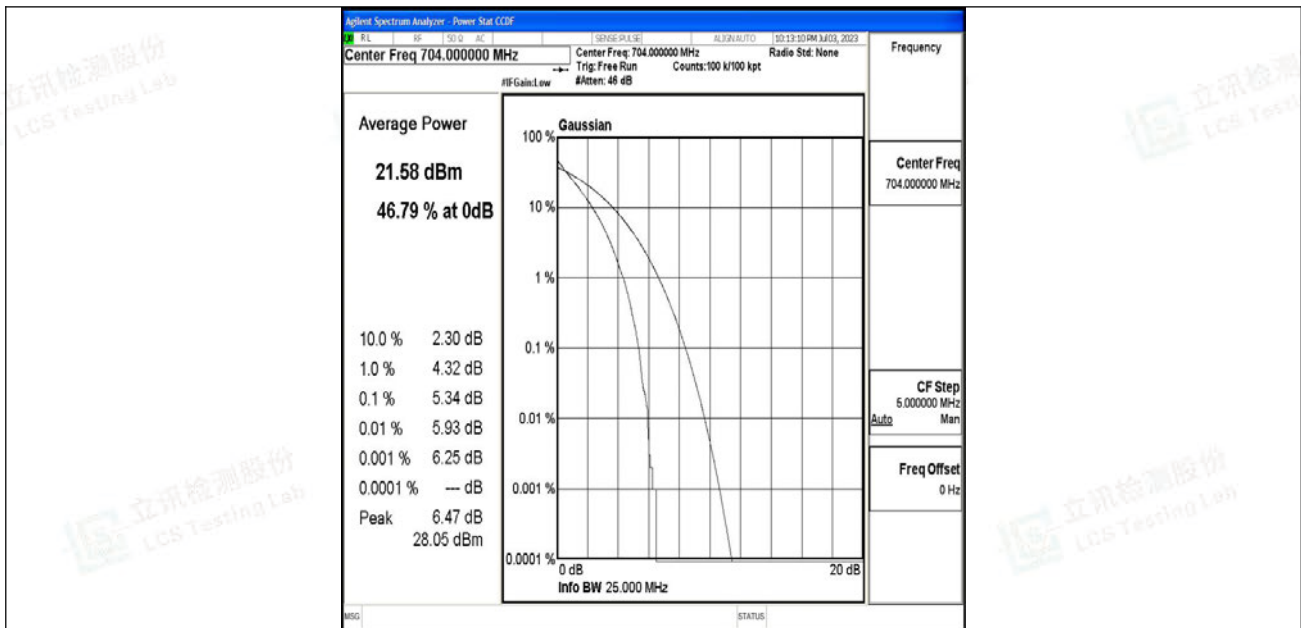


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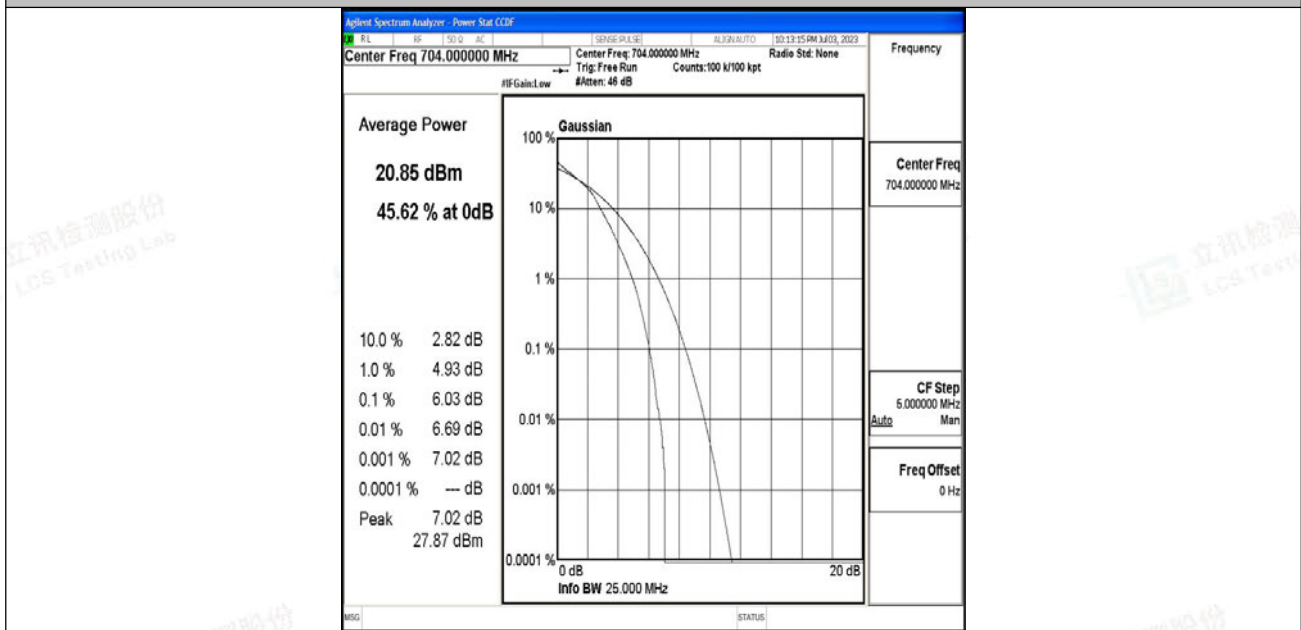
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10MHz-23060



10MHz-23060

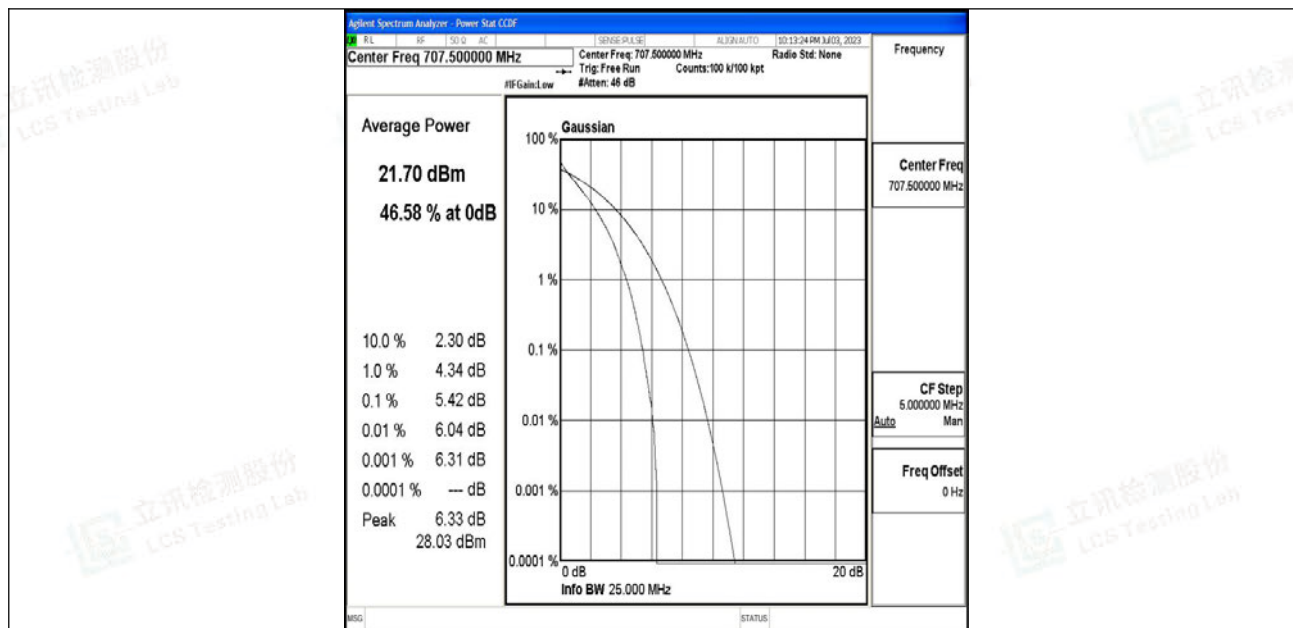


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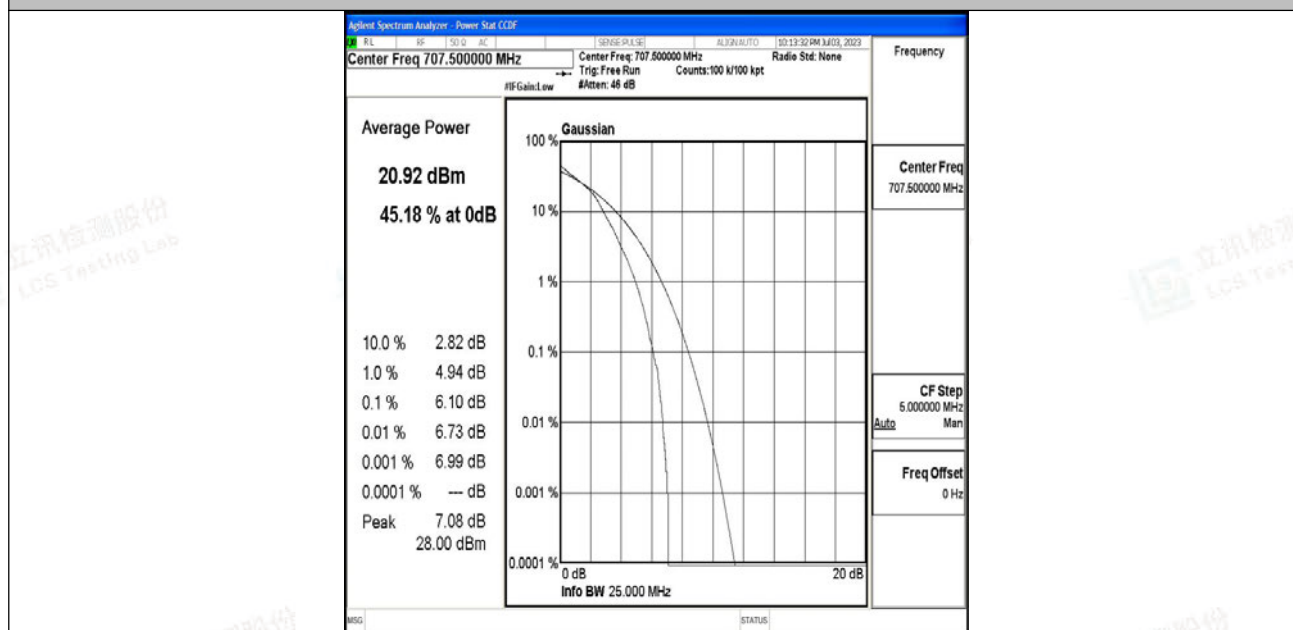
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10MHz-23095



10MHz-23095

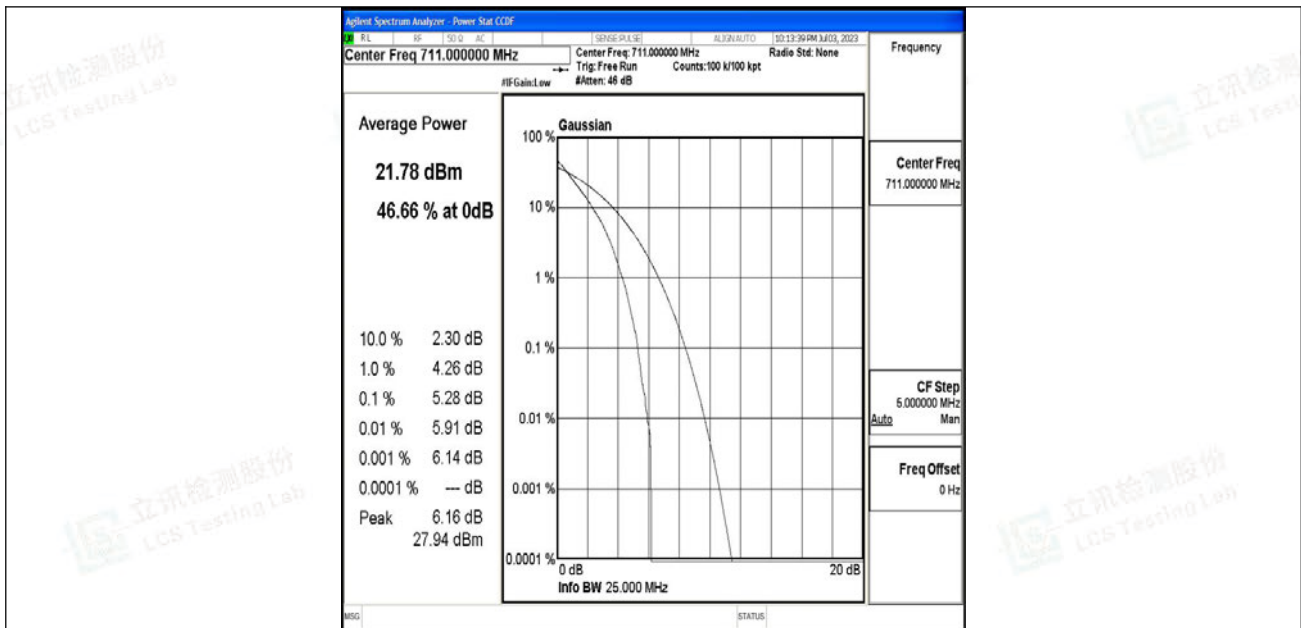


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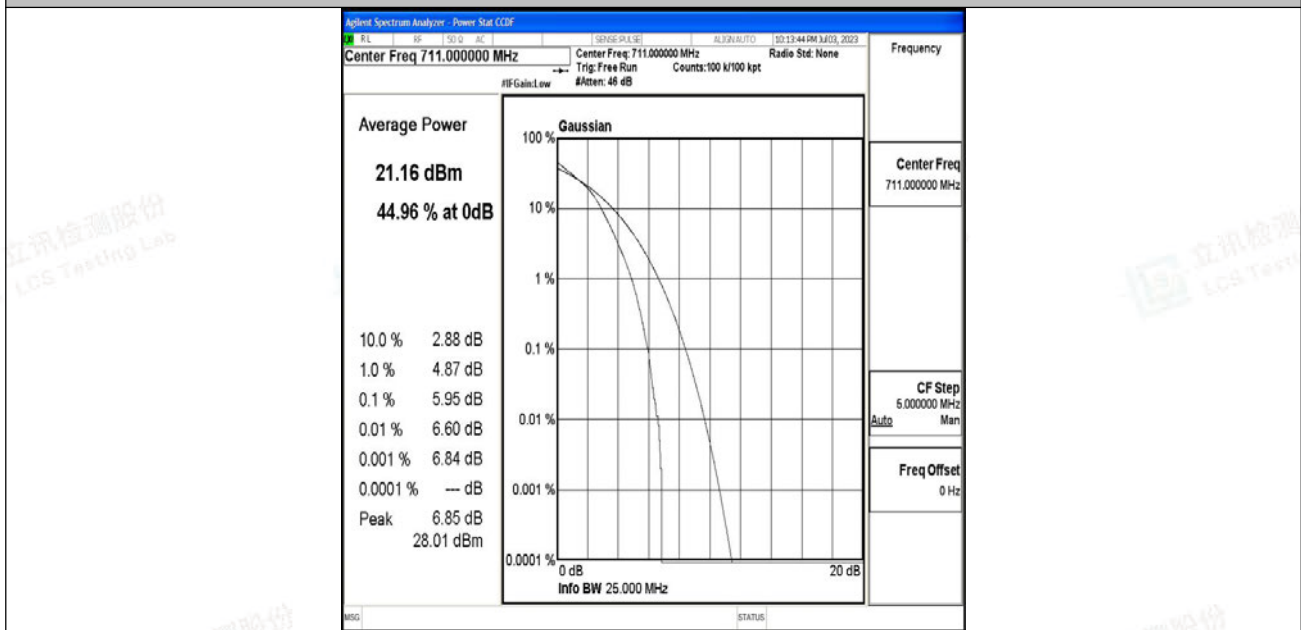
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10MHz-23130



10MHz-23130



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L.3 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	1.0970	1.311	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1.1043	1.285	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.0924	1.293	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.1097	1.322	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.1024	1.289	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1.1006	1.322	PASS
Band12	3MHz	QPSK	23025	15RB#0	2.7157	3.097	PASS
Band12	3MHz	16QAM	23025	15RB#0	2.7140	3.135	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.7060	3.075	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.7086	3.105	PASS
Band12	3MHz	QPSK	23165	15RB#0	2.7055	3.085	PASS
Band12	3MHz	16QAM	23165	15RB#0	2.7078	3.137	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.5339	5.297	PASS
Band12	5MHz	16QAM	23035	25RB#0	4.5201	5.261	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.5437	5.392	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.5146	5.334	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.5240	5.311	PASS
Band12	5MHz	16QAM	23155	25RB#0	4.5237	5.237	PASS
Band12	10MHz	QPSK	23060	50RB#0	8.9863	9.984	PASS
Band12	10MHz	16QAM	23060	50RB#0	8.9879	10.15	PASS
Band12	10MHz	QPSK	23095	50RB#0	9.0042	10.02	PASS
Band12	10MHz	16QAM	23095	50RB#0	8.9973	10.14	PASS
Band12	10MHz	QPSK	23130	50RB#0	8.9888	10.09	PASS
Band12	10MHz	16QAM	23130	50RB#0	8.9924	10.05	PASS



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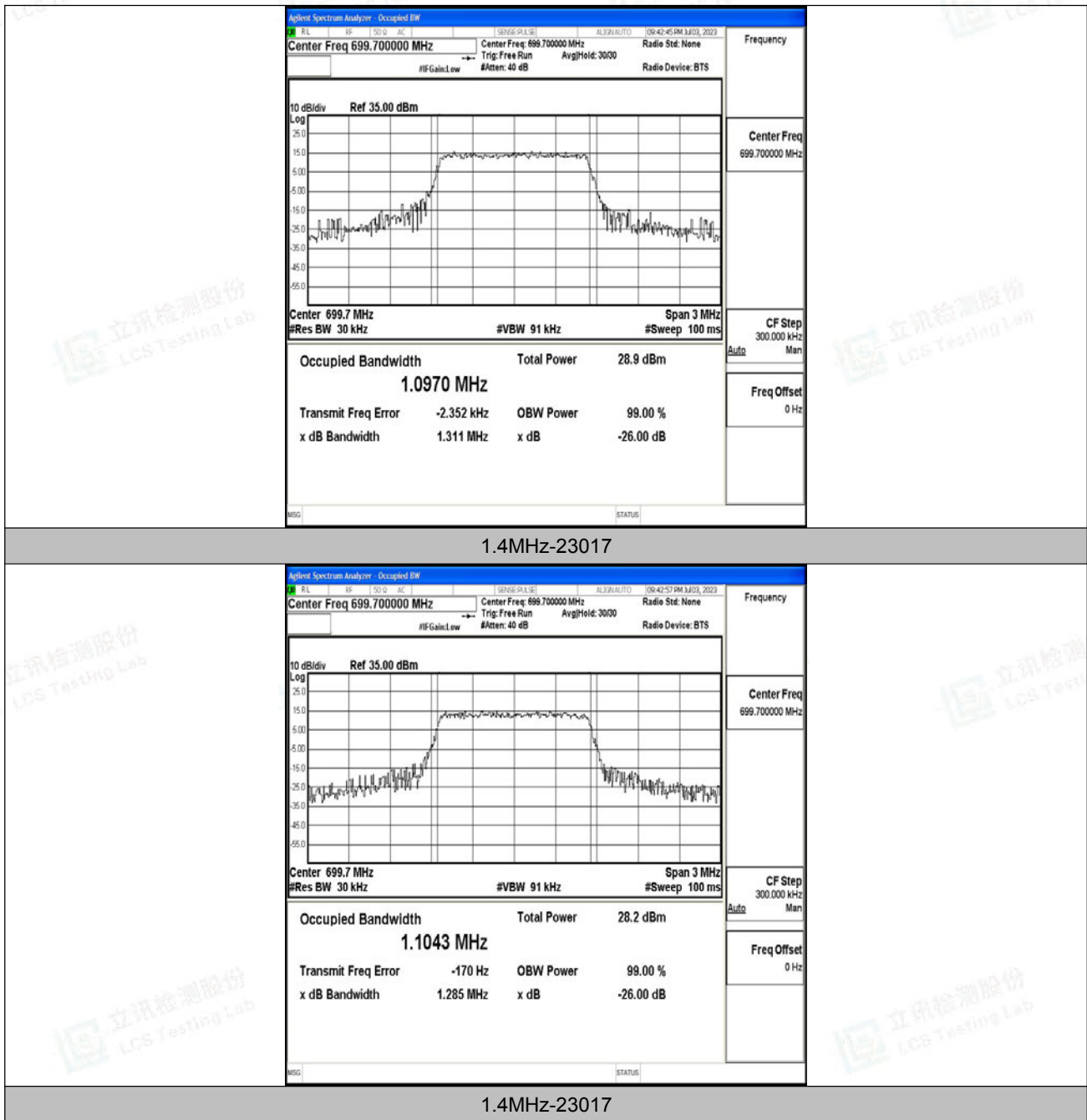
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Test Graphs

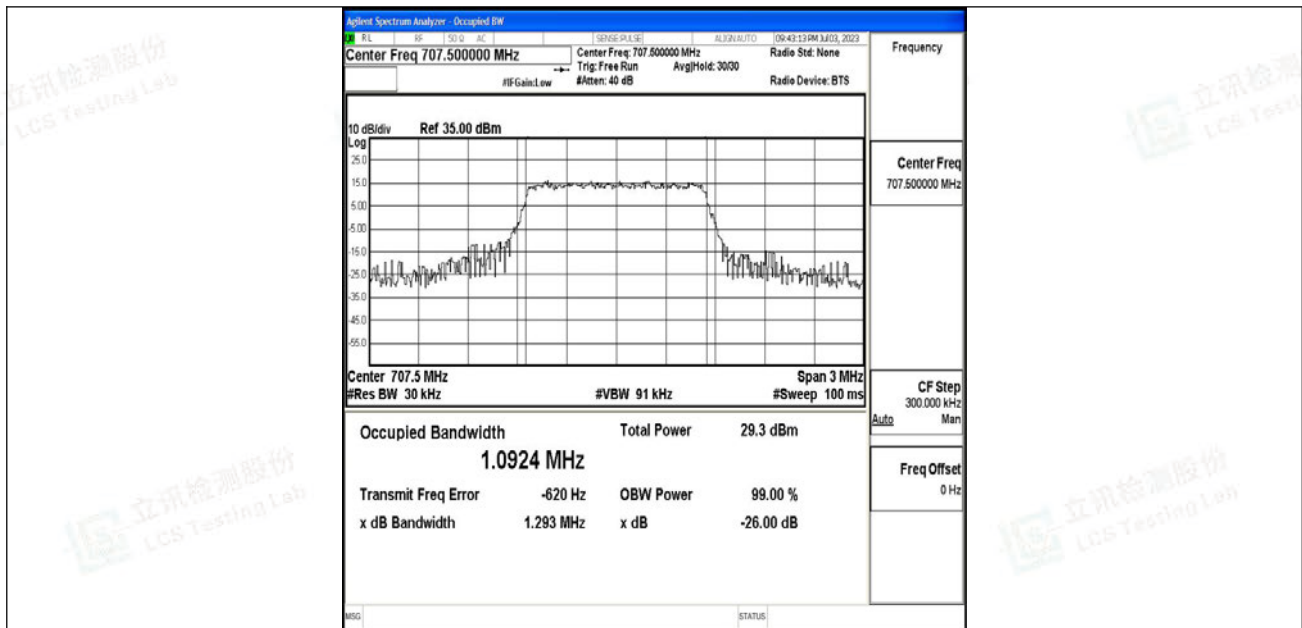


Shenzhen LCS Compliance Testing Laboratory Ltd.

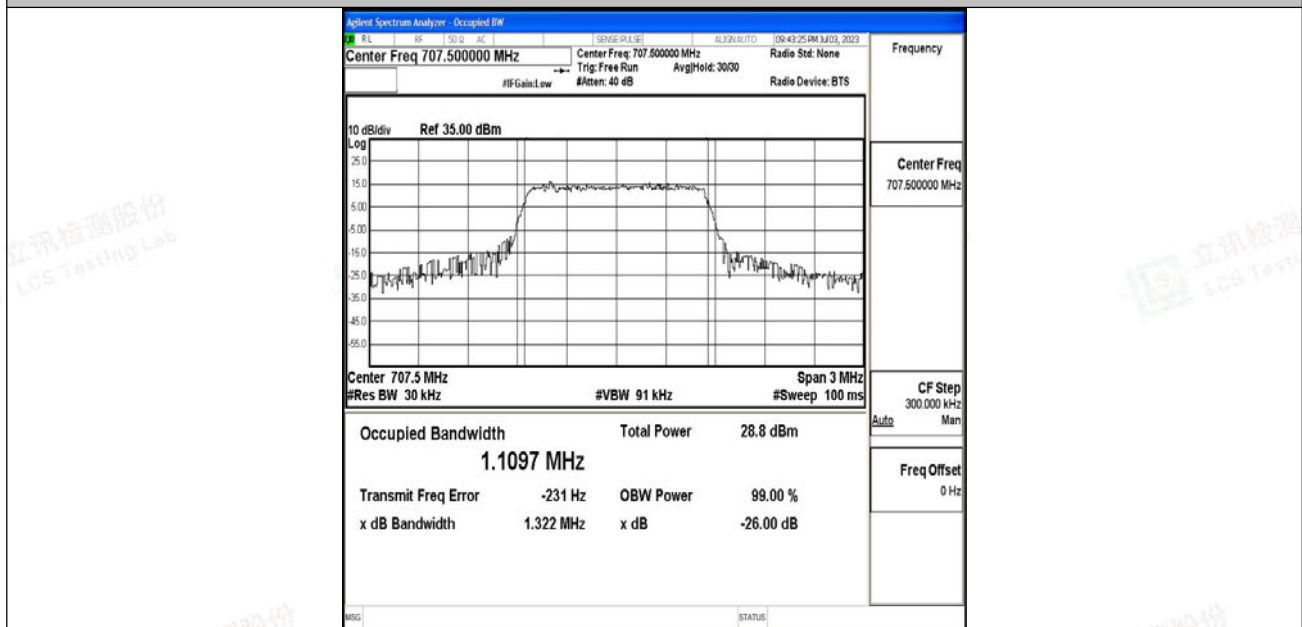
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1.4MHz-23095



1.4MHz-23095

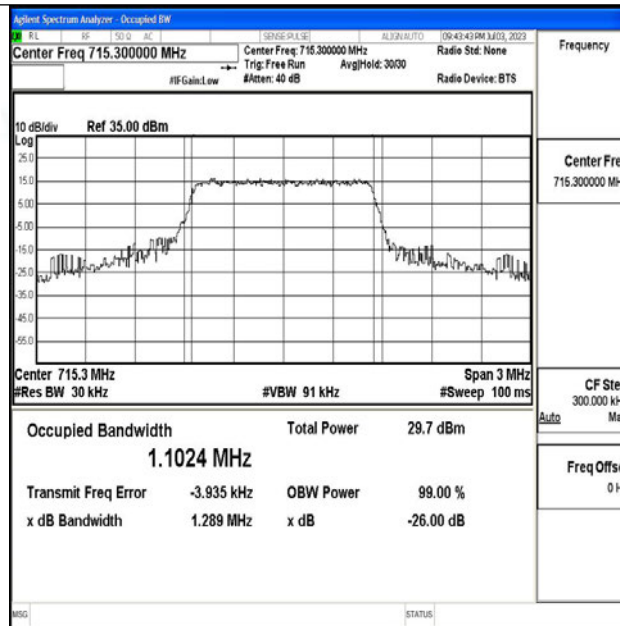


Shenzhen LCS Compliance Testing Laboratory Ltd.

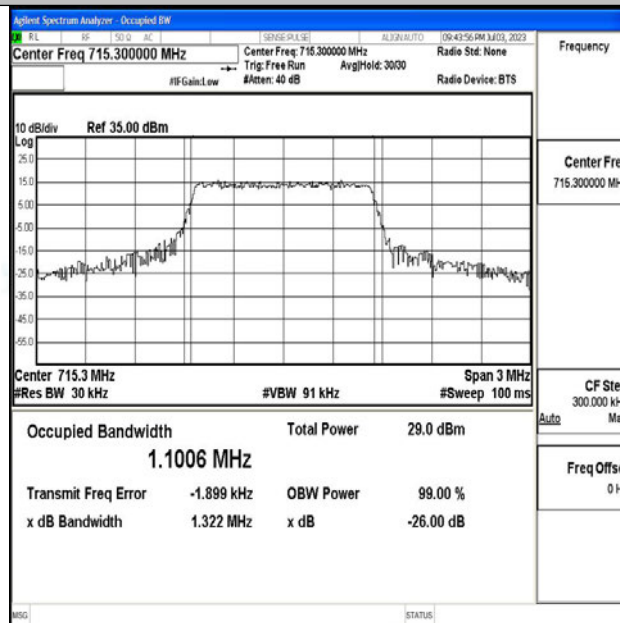
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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1.4MHz-23173



1.4MHz-23173

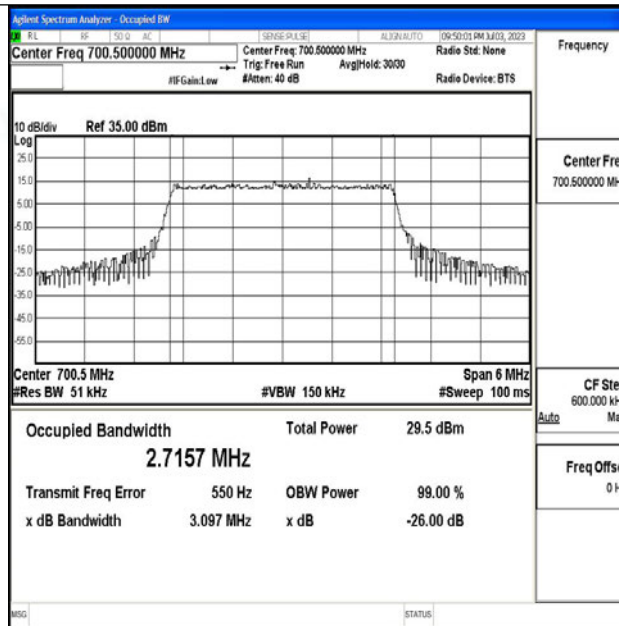


Shenzhen LCS Compliance Testing Laboratory Ltd.

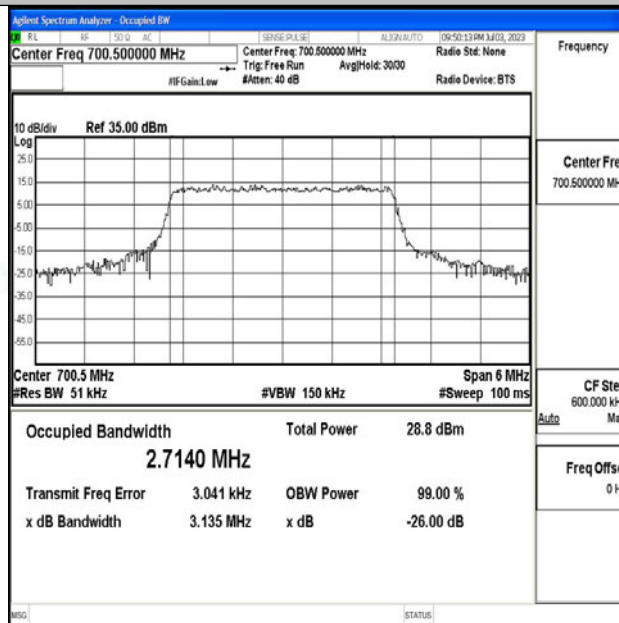
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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3MHz-23025



3MHz-23025

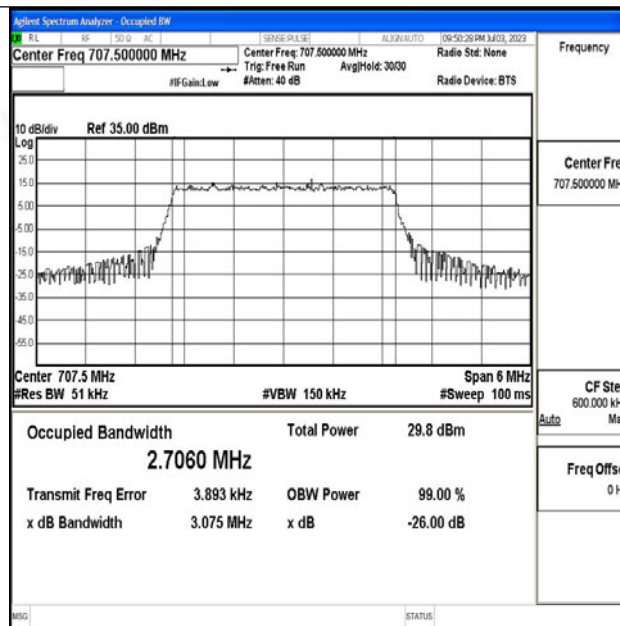


Shenzhen LCS Compliance Testing Laboratory Ltd.

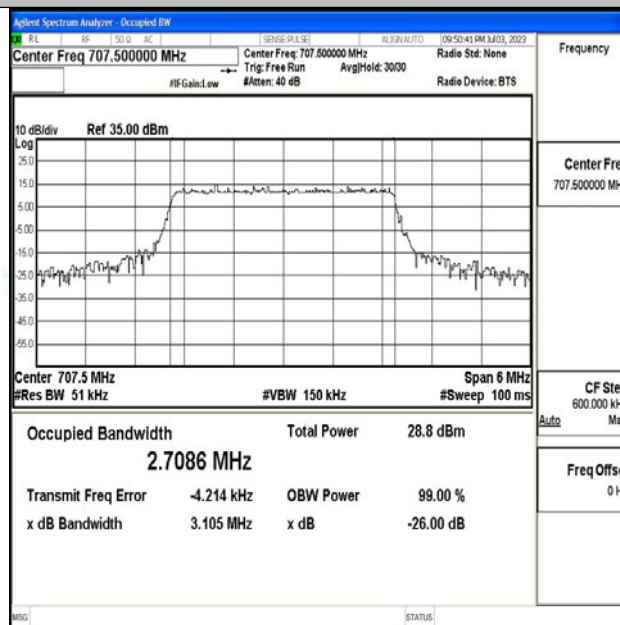
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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3MHz-23095



3MHz-23095

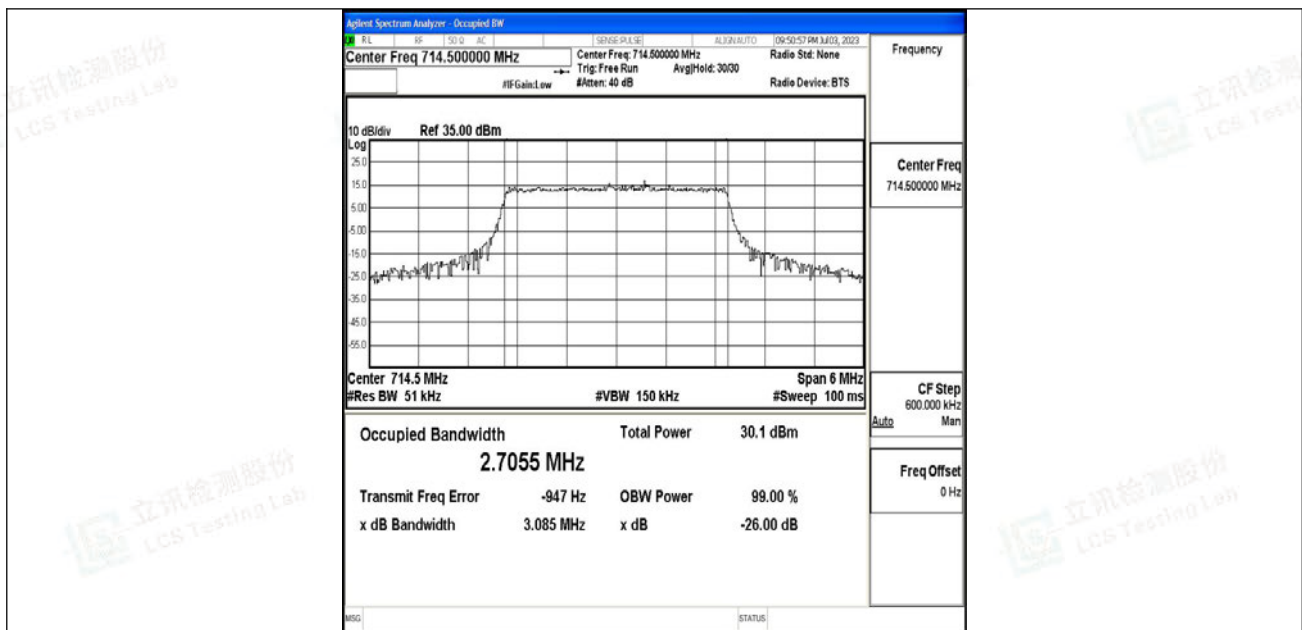


Shenzhen LCS Compliance Testing Laboratory Ltd.

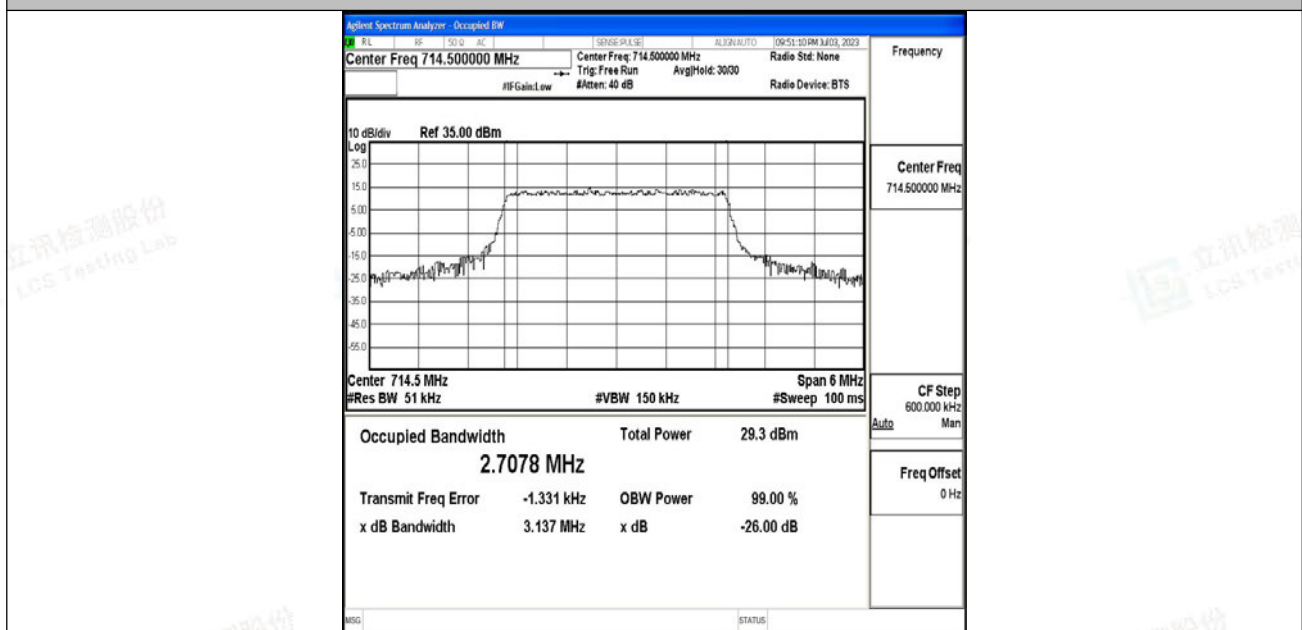
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Scan code to check authenticity



3MHz-23165



3MHz-23165

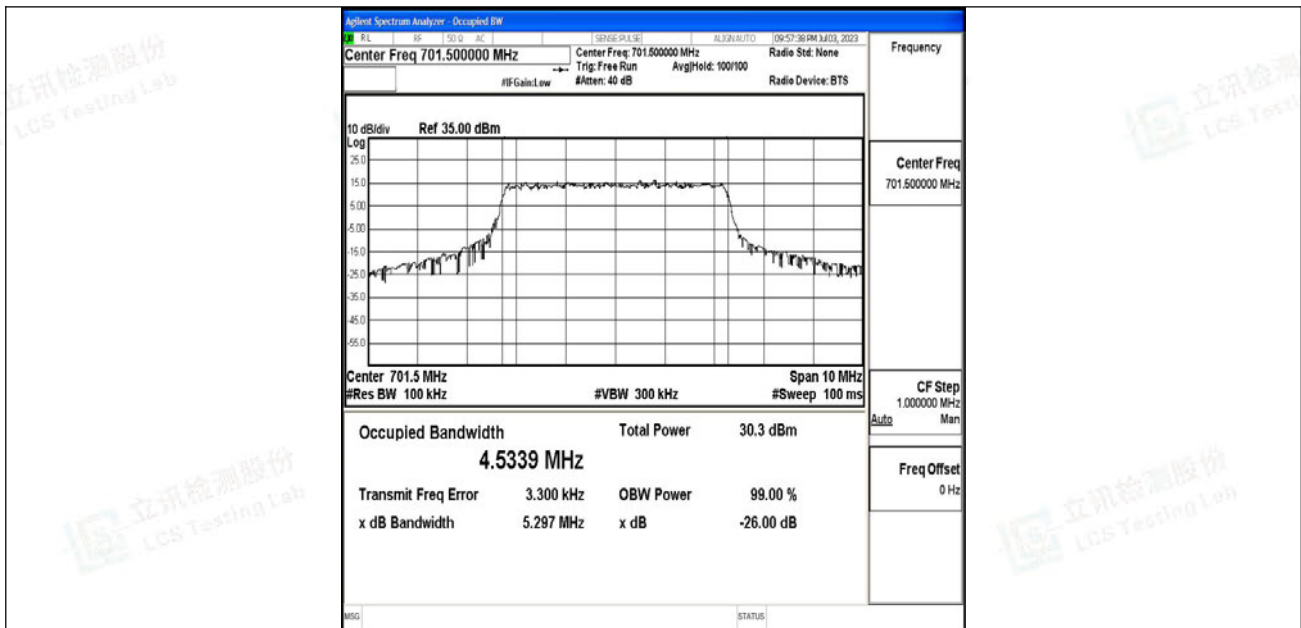


Shenzhen LCS Compliance Testing Laboratory Ltd.

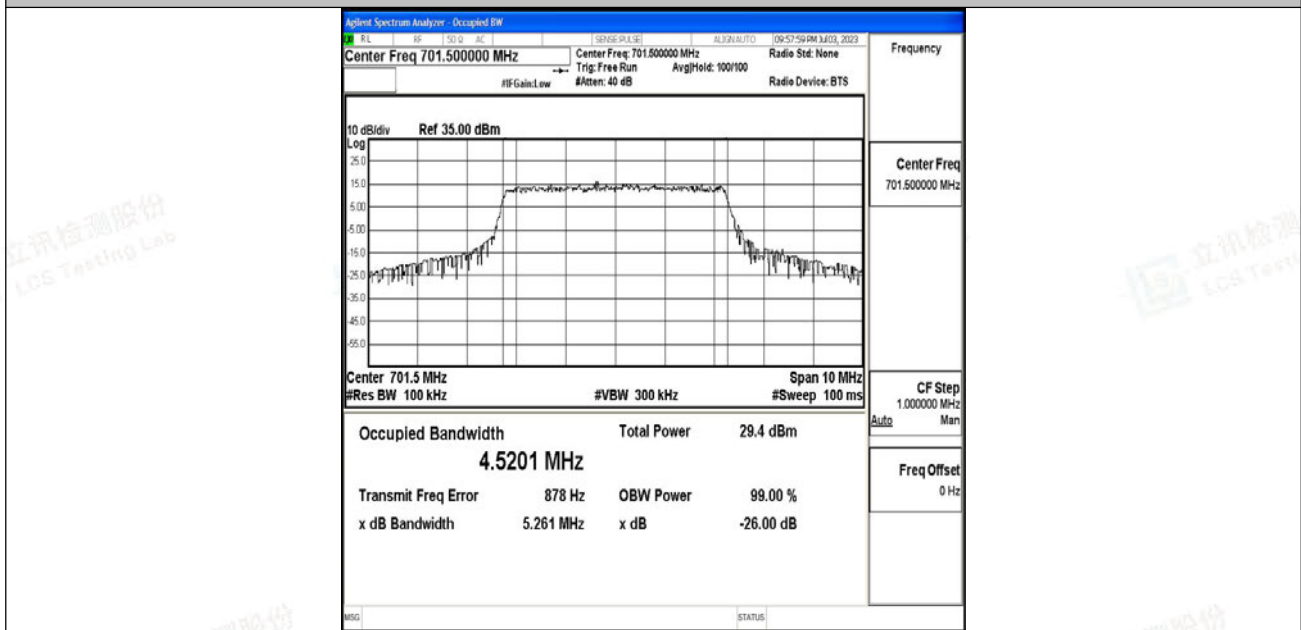
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5MHz-23035



5MHz-23035

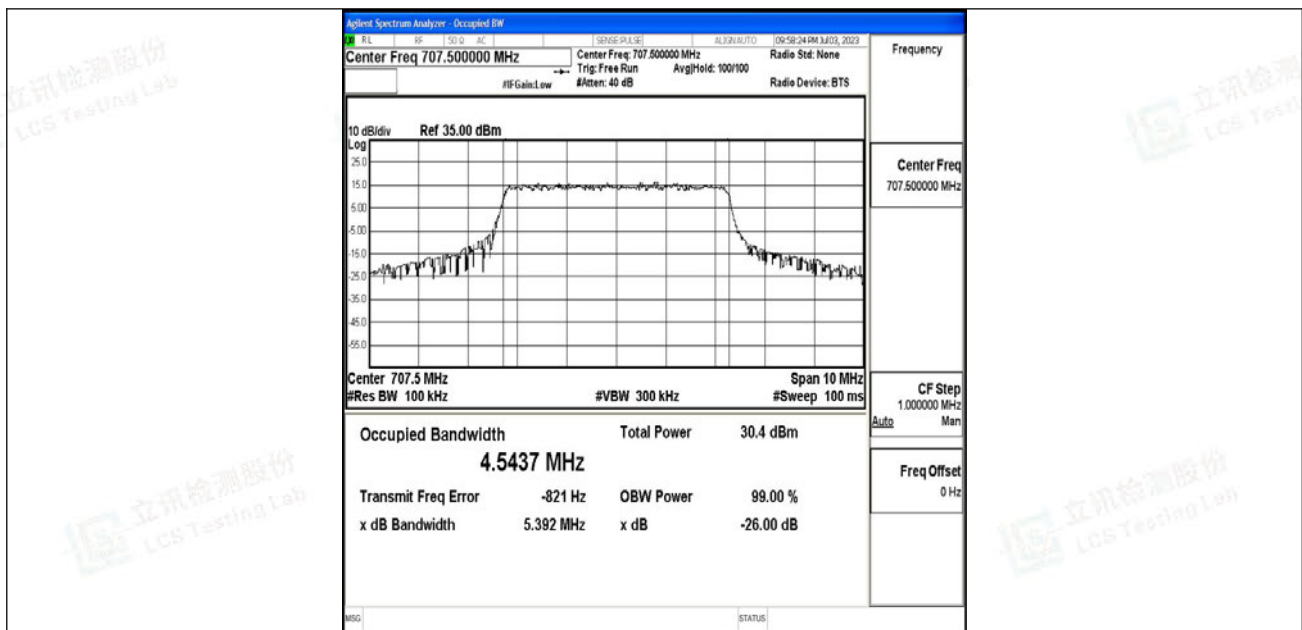


Shenzhen LCS Compliance Testing Laboratory Ltd.

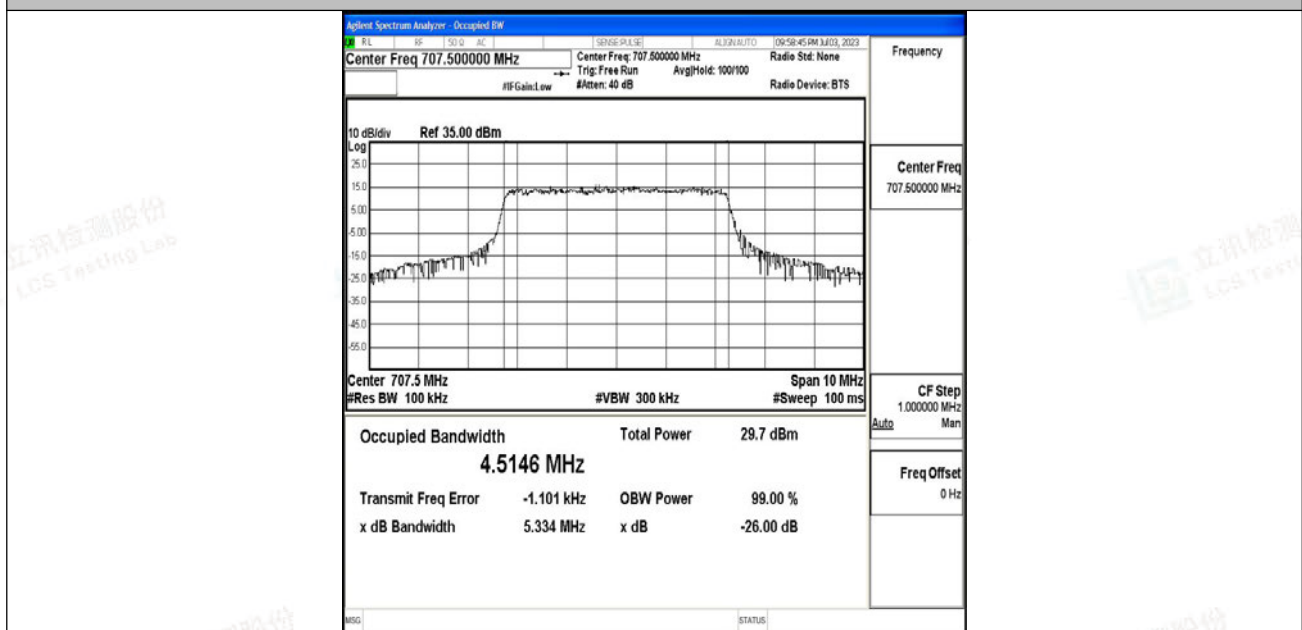
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5MHz-23095



5MHz-23095

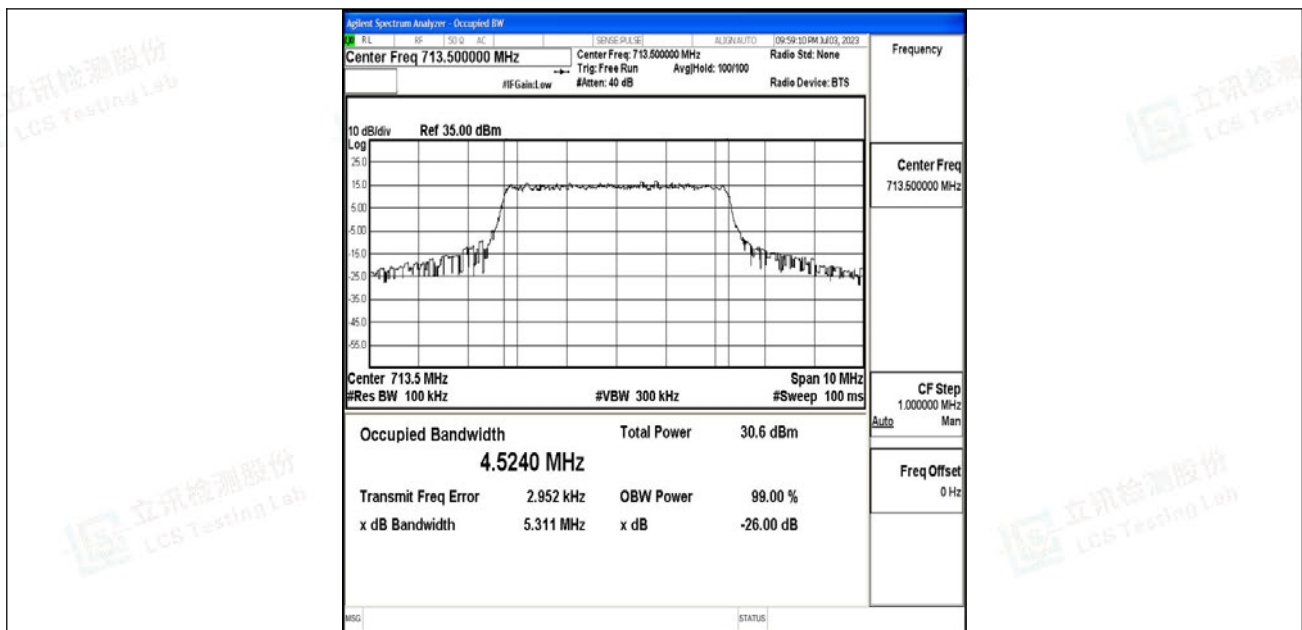


Shenzhen LCS Compliance Testing Laboratory Ltd.

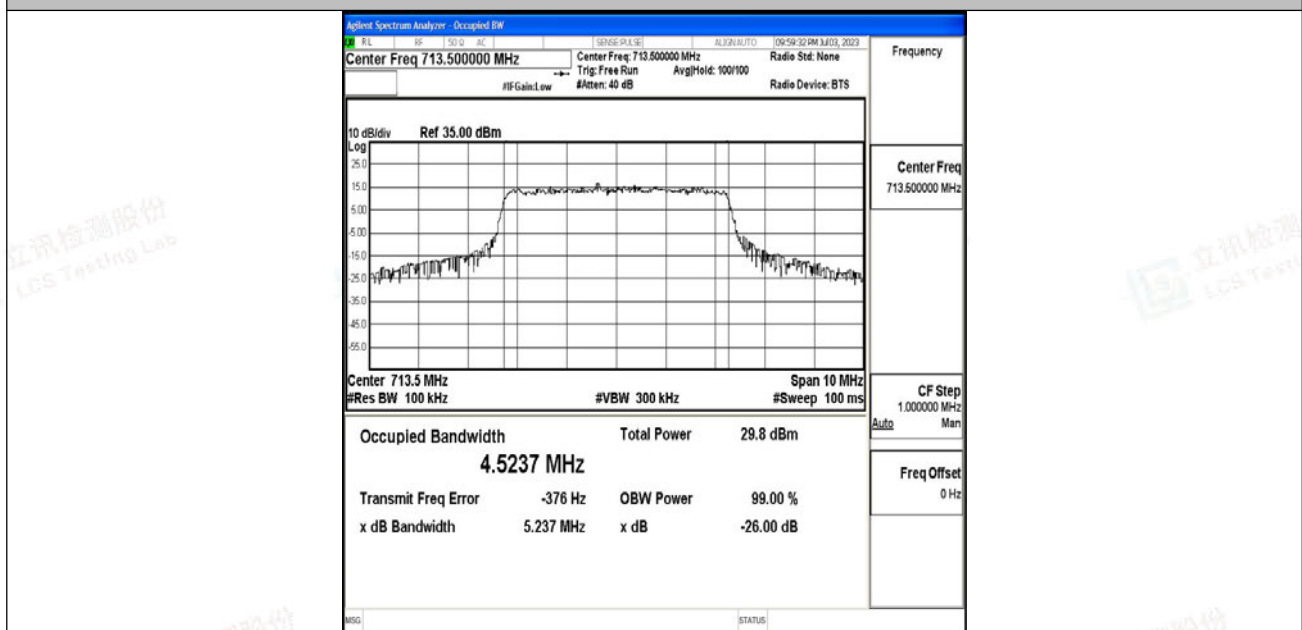
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5MHz-23155



5MHz-23155

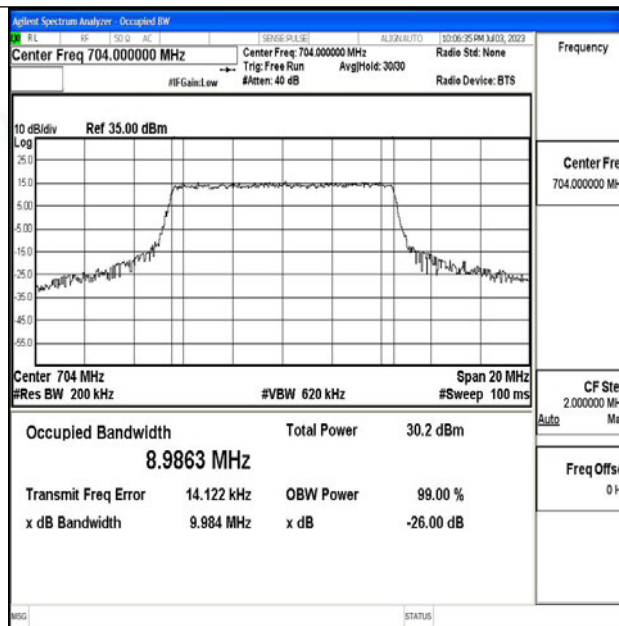


Shenzhen LCS Compliance Testing Laboratory Ltd.

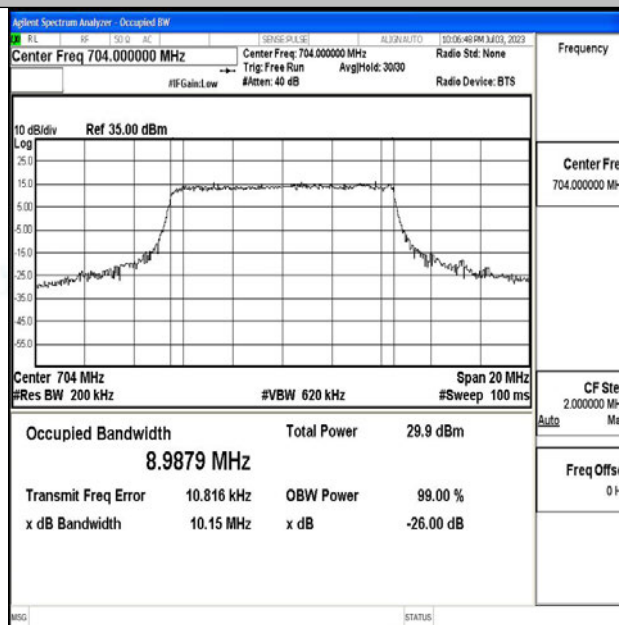
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10MHz-23060



10MHz-23060

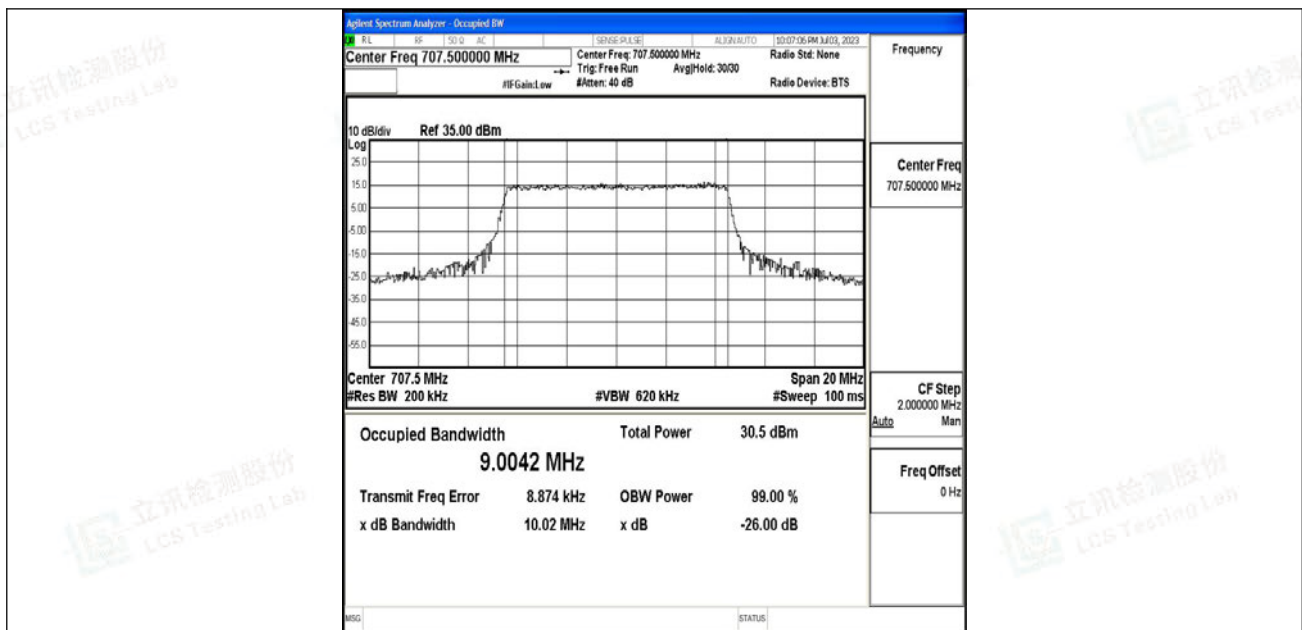


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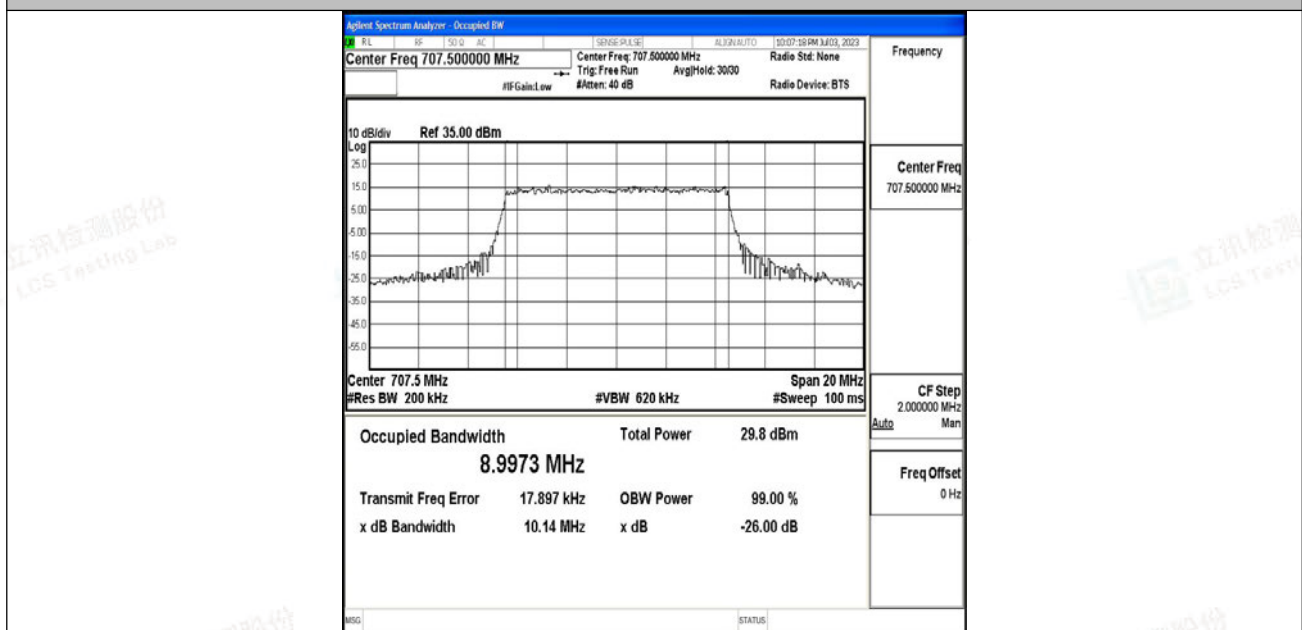
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10MHz-23095



10MHz-23095

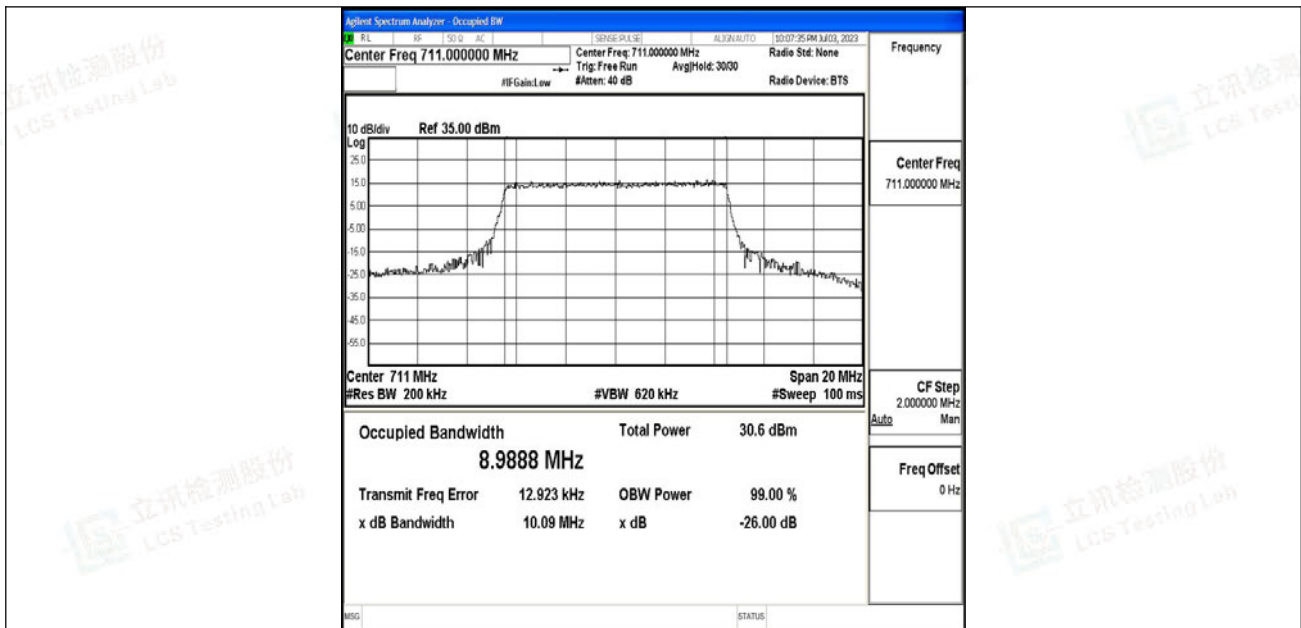


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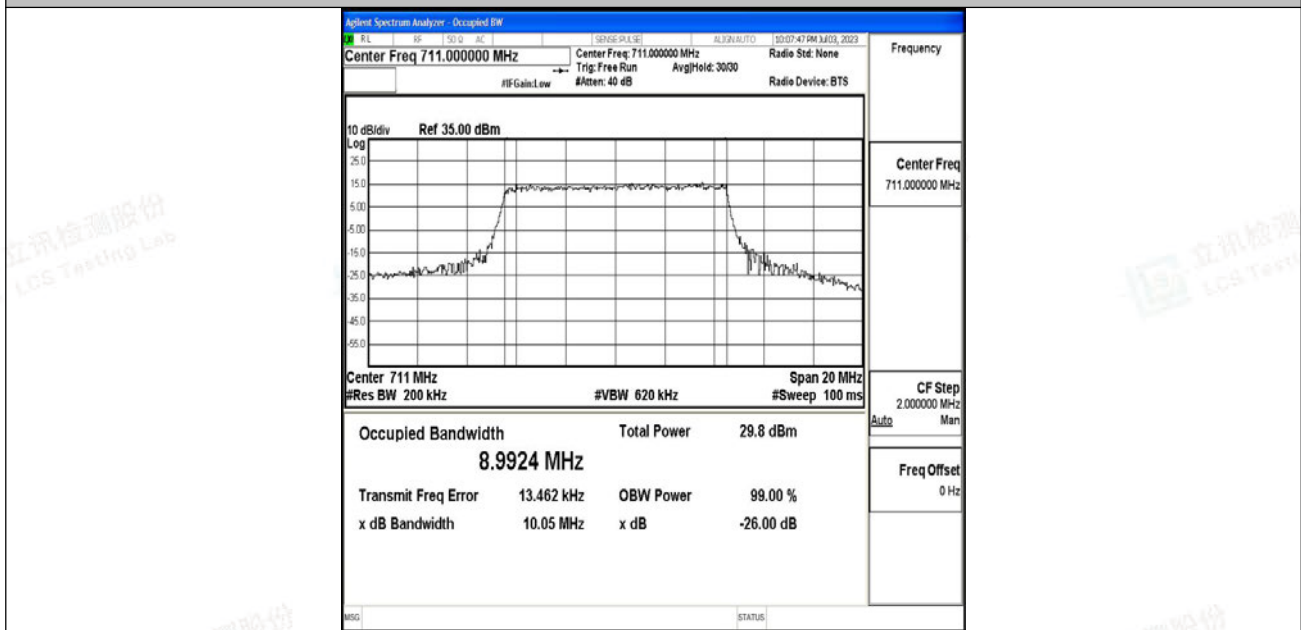
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10MHz-23130



10MHz-23130



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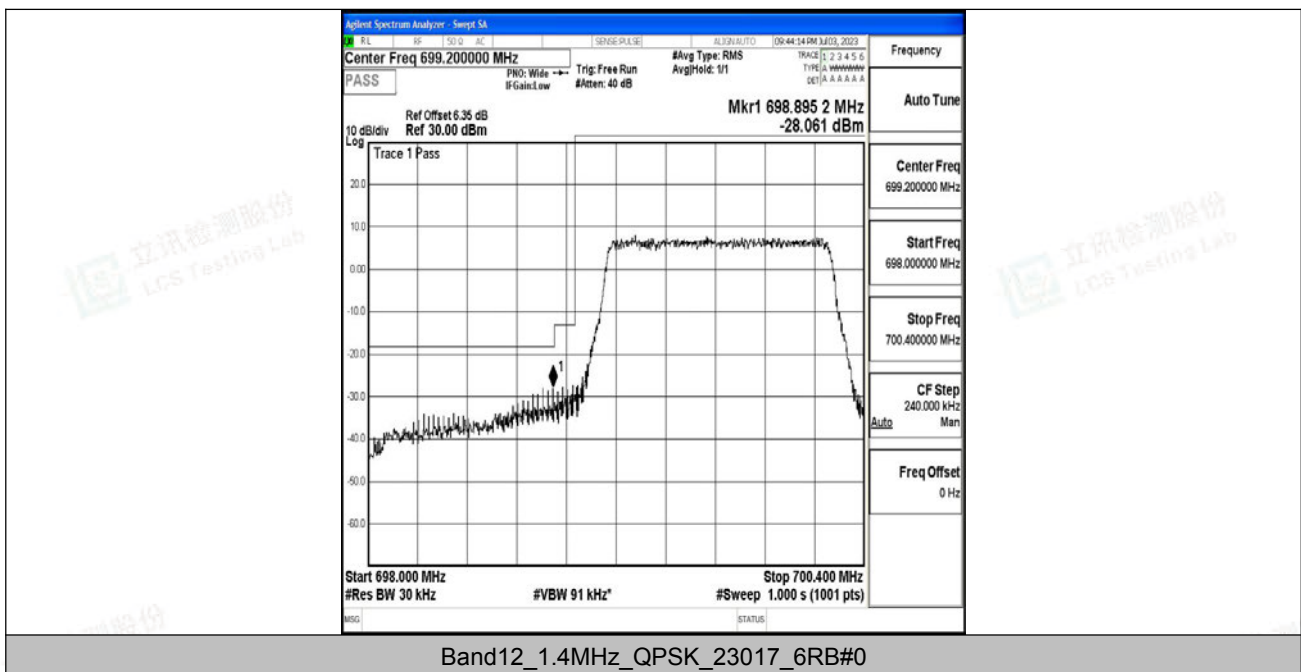


L.4 Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Peak Frequency	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	698.90	-28.06	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	698.85	-30.64	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	716.12	-26.64	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	716.12	-27.94	PASS
Band12	3MHz	QPSK	23025	15RB#0	699.00	-25.55	PASS
Band12	3MHz	16QAM	23025	15RB#0	699.00	-25.08	PASS
Band12	3MHz	QPSK	23165	15RB#0	716.00	-24.76	PASS
Band12	3MHz	16QAM	23165	15RB#0	716.00	-25.64	PASS
Band12	5MHz	QPSK	23035	25RB#0	698.89	-35.44	PASS
Band12	5MHz	16QAM	23035	25RB#0	698.86	-36.22	PASS
Band12	5MHz	QPSK	23155	25RB#0	716.11	-35.29	PASS
Band12	5MHz	16QAM	23155	25RB#0	716.10	-35.03	PASS
Band12	10MHz	QPSK	23060	50RB#0	698.85	-40.58	PASS
Band12	10MHz	16QAM	23060	50RB#0	698.86	-41.15	PASS
Band12	10MHz	QPSK	23130	50RB#0	716.15	-41.10	PASS
Band12	10MHz	16QAM	23130	50RB#0	716.21	-41.70	PASS

Test Graphs

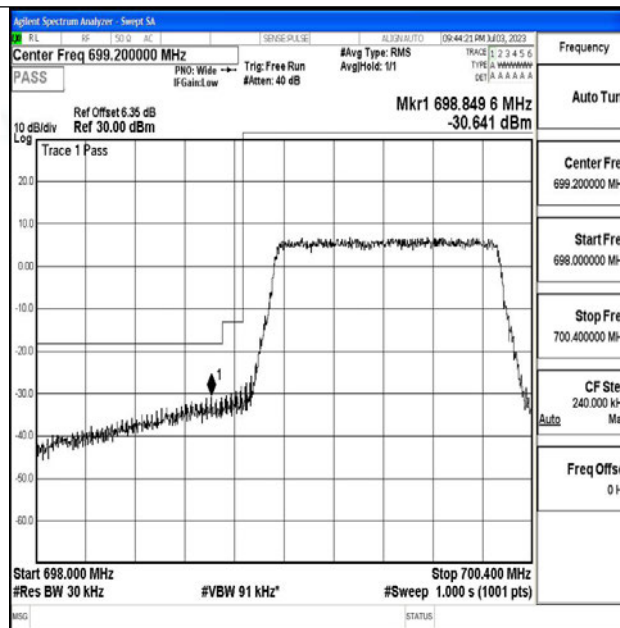


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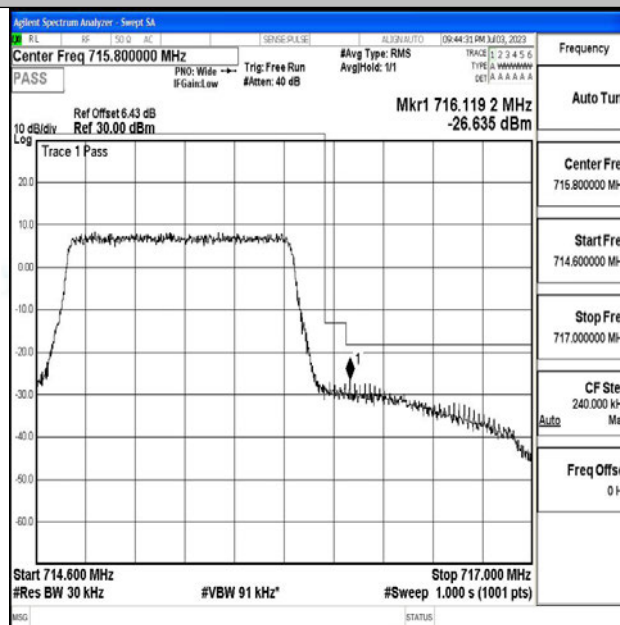
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Band12_1.4MHz_16QAM_23017_6RB#0



Band12_1.4MHz_QPSK_23173_6RB#0

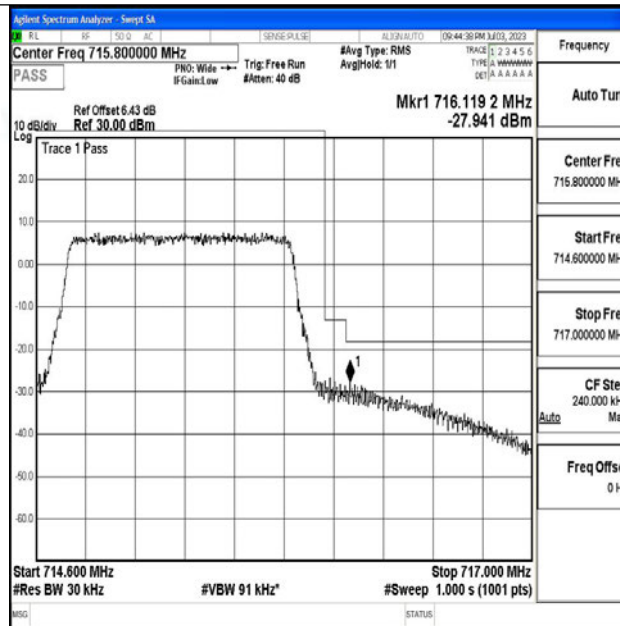


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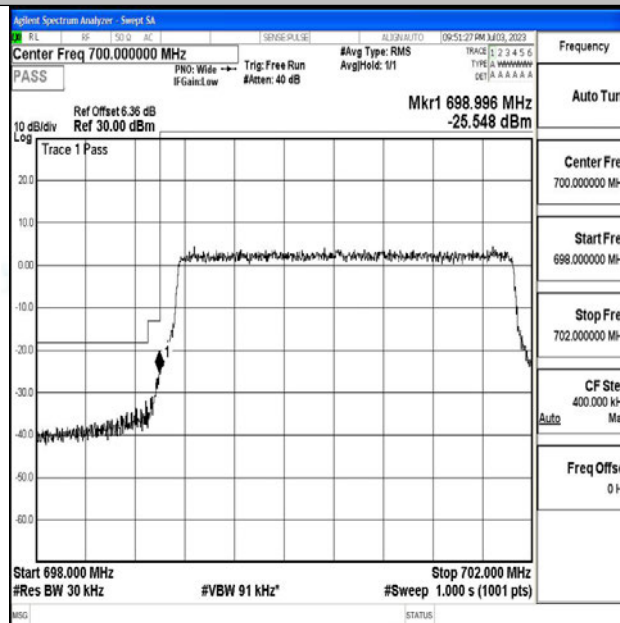
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Band12_1.4MHz_16QAM_23173_6RB#0



Band12_3MHz_QPSK_23025_15RB#0

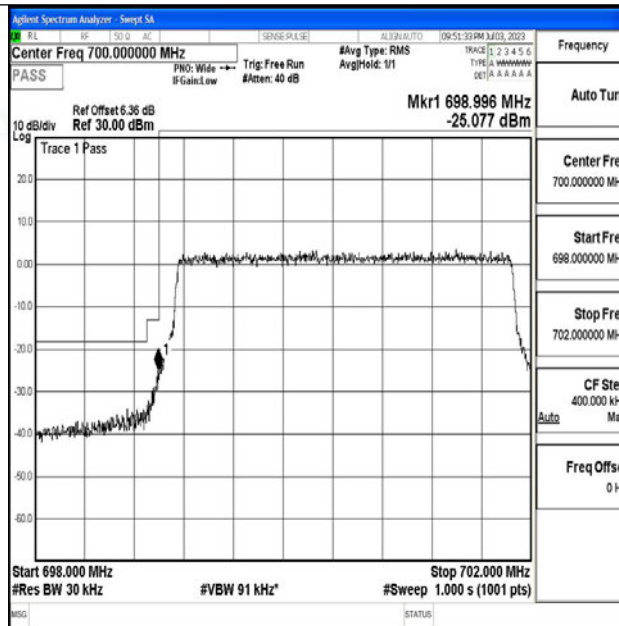


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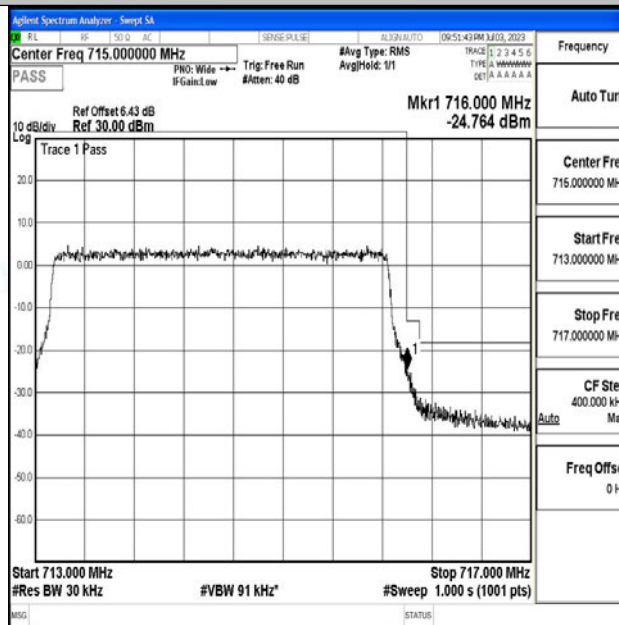
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Band12_3MHz_16QAM_23025_15RB#0



Band12_3MHz_QPSK_23165_15RB#0

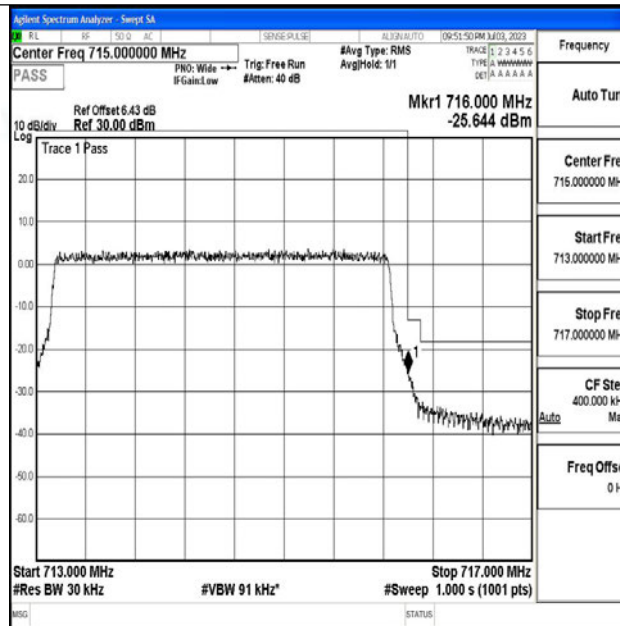


Shenzhen LCS Compliance Testing Laboratory Ltd.

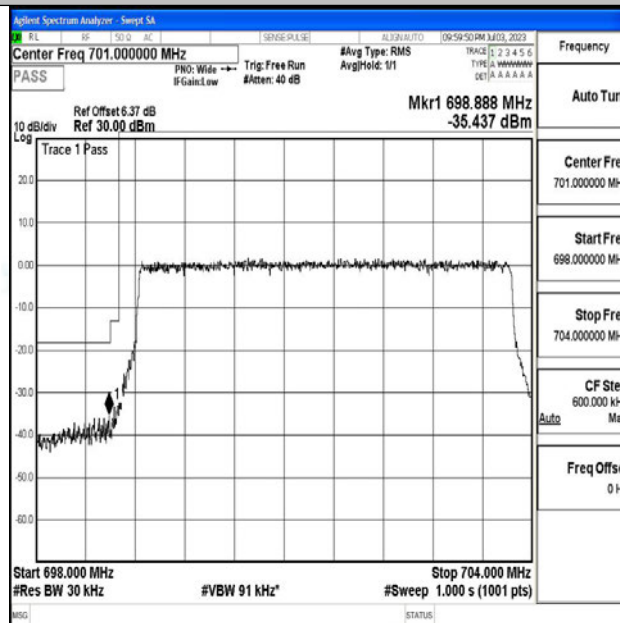
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Band12_3MHz_16QAM_23165_15RB#0



Band12_5MHz_QPSK_23035_25RB#0

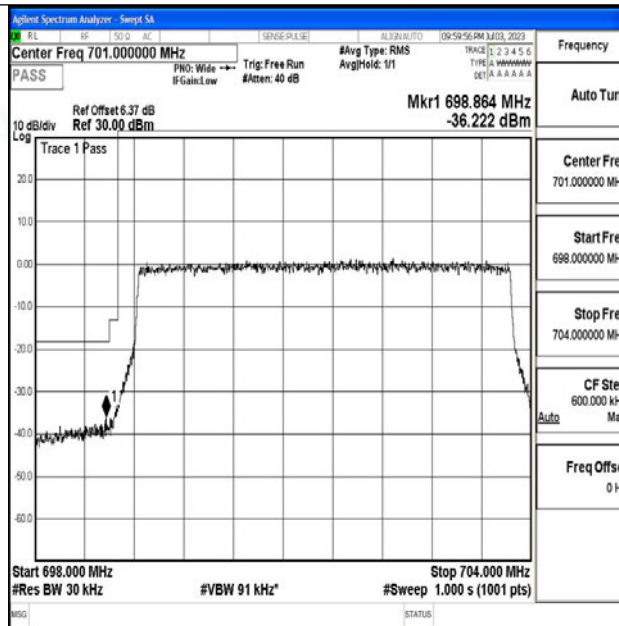


Shenzhen LCS Compliance Testing Laboratory Ltd.

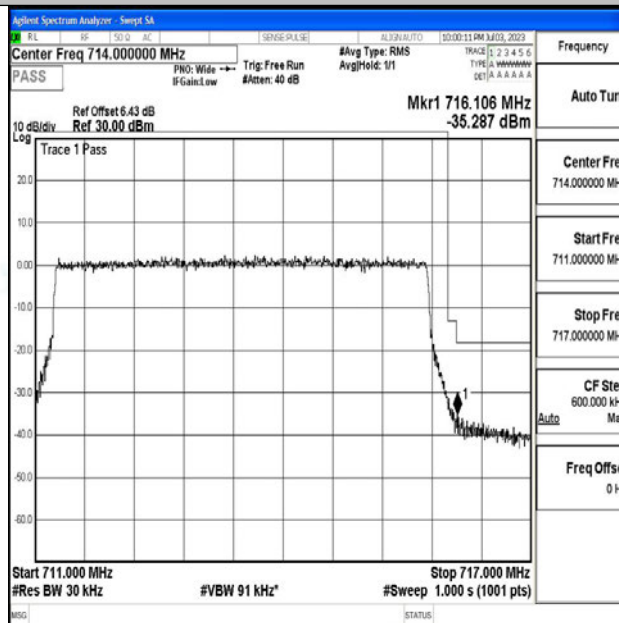
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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Band12_5MHz_16QAM_23035_25RB#0



Band12_5MHz_QPSK_23155_25RB#0

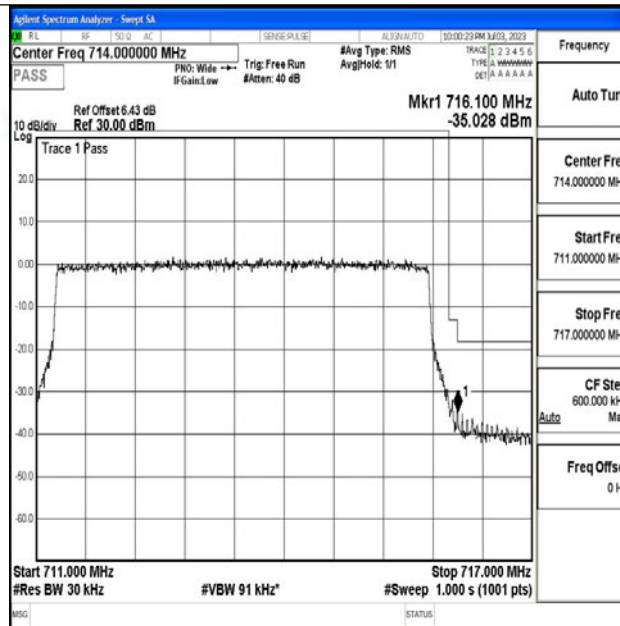


Shenzhen LCS Compliance Testing Laboratory Ltd.

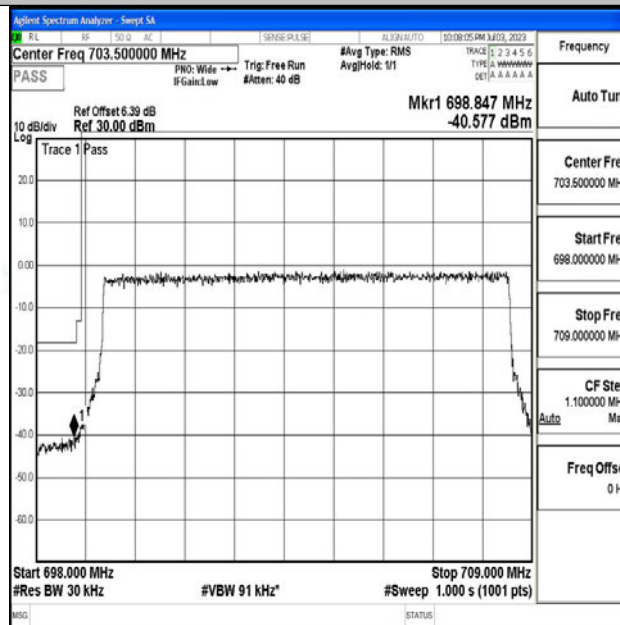
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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Band12_5MHz_16QAM_23155_25RB#0



Band12_10MHz_QPSK_23060_50RB#0

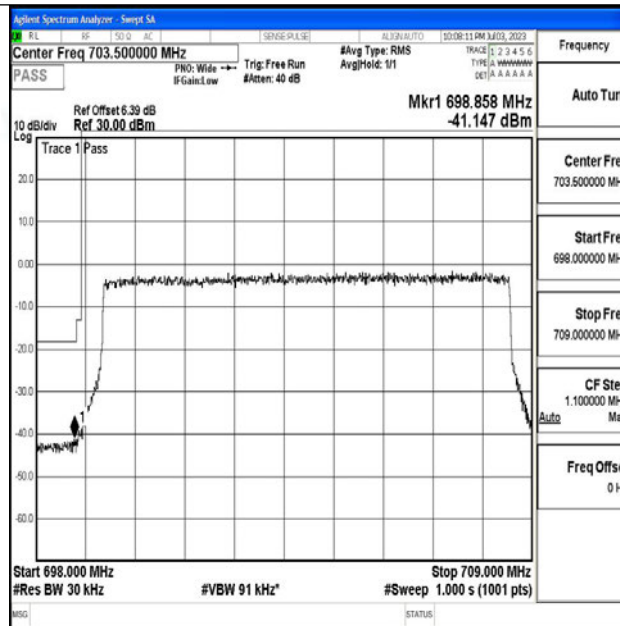


Shenzhen LCS Compliance Testing Laboratory Ltd.

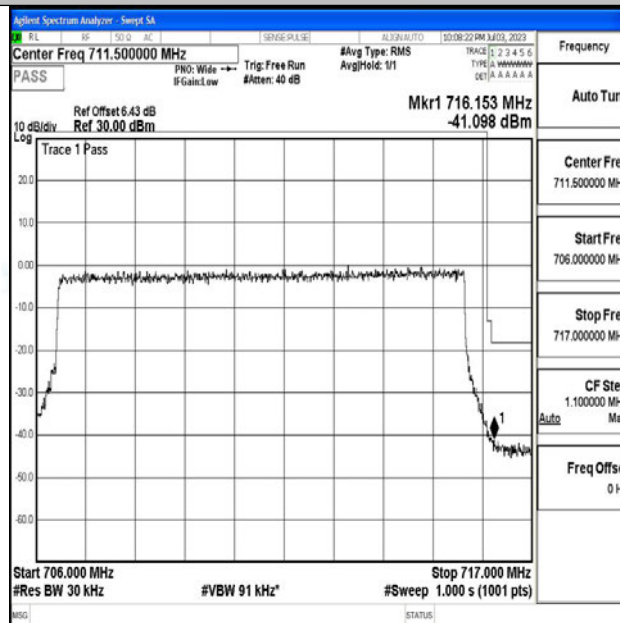
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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Band12_10MHz_16QAM_23060_50RB#0



Band12_10MHz_QPSK_23130_50RB#0

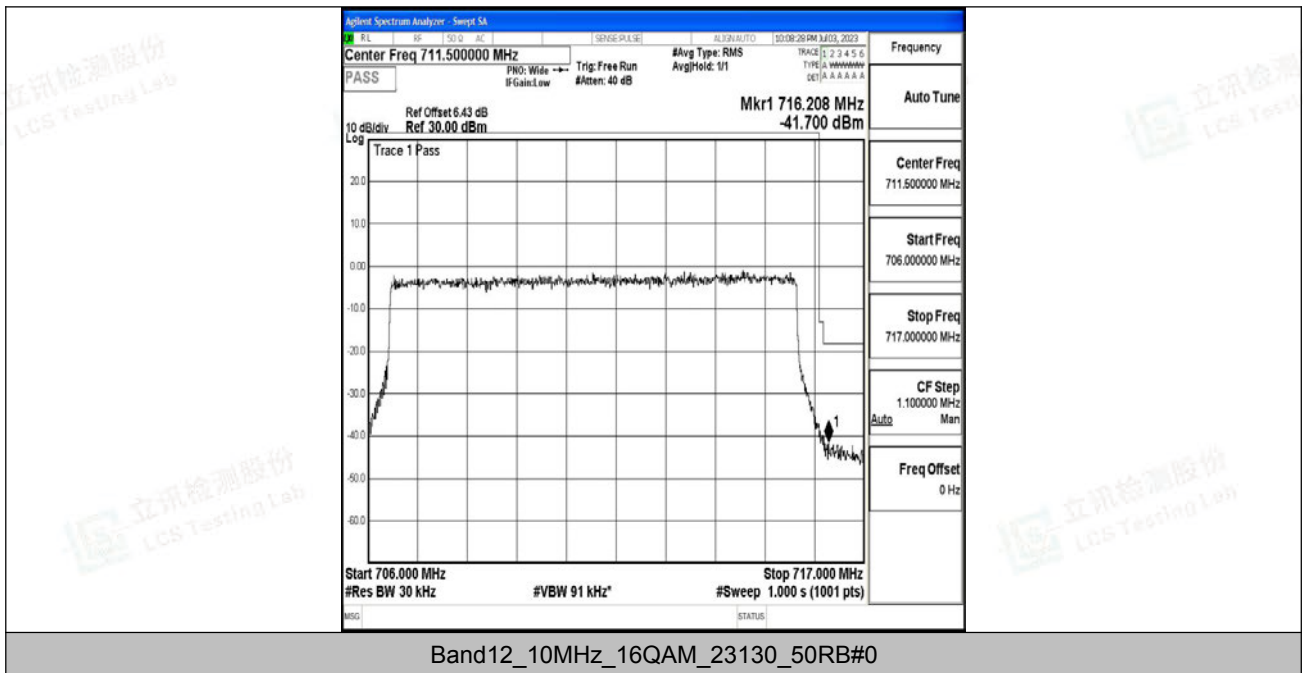


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L5 Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	0.009~0.15	-58.85	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	0.15~30	-53.73	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	30~1000	-46.70	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	1000~3000	-43.95	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	3000~10000	-44.35	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	0.009~0.15	-56.12	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	0.15~30	-56.35	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	30~1000	-46.81	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	1000~3000	-43.32	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	3000~10000	-44.08	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	0.009~0.15	-57.24	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	0.15~30	-53.13	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	30~1000	-46.00	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	1000~3000	-44.49	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	3000~10000	-44.07	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	0.009~0.15	-58.17	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	0.15~30	-53.03	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	30~1000	-42.03	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	1000~3000	-44.00	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	3000~10000	-43.85	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	0.009~0.15	-58.82	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	0.15~30	-53.20	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	30~1000	-47.30	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	1000~3000	-43.89	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	3000~10000	-44.45	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	0.009~0.15	-57.80	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	0.15~30	-53.46	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	30~1000	-44.45	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	1000~3000	-43.29	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	3000~10000	-43.98	PASS
Band12	3MHz	QPSK	23025	1RB#0	0.009~0.15	-59.30	PASS
Band12	3MHz	QPSK	23025	1RB#0	0.15~30	-51.41	PASS
Band12	3MHz	QPSK	23025	1RB#0	30~1000	-43.00	PASS
Band12	3MHz	QPSK	23025	1RB#0	1000~3000	-44.14	PASS
Band12	3MHz	QPSK	23025	1RB#0	3000~10000	-43.84	PASS



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Band12	3MHz	16QAM	23025	1RB#0	0.009~0.15	-58.31	PASS
Band12	3MHz	16QAM	23025	1RB#0	0.15~30	-52.28	PASS
Band12	3MHz	16QAM	23025	1RB#0	30~1000	-49.02	PASS
Band12	3MHz	16QAM	23025	1RB#0	1000~3000	-45.59	PASS
Band12	3MHz	16QAM	23025	1RB#0	3000~10000	-44.22	PASS
Band12	3MHz	QPSK	23095	1RB#0	0.009~0.15	-56.88	PASS
Band12	3MHz	QPSK	23095	1RB#0	0.15~30	-53.22	PASS
Band12	3MHz	QPSK	23095	1RB#0	30~1000	-47.84	PASS
Band12	3MHz	QPSK	23095	1RB#0	1000~3000	-45.05	PASS
Band12	3MHz	QPSK	23095	1RB#0	3000~10000	-43.91	PASS
Band12	3MHz	16QAM	23095	1RB#0	0.009~0.15	-54.35	PASS
Band12	3MHz	16QAM	23095	1RB#0	0.15~30	-50.59	PASS
Band12	3MHz	16QAM	23095	1RB#0	30~1000	-49.47	PASS
Band12	3MHz	16QAM	23095	1RB#0	1000~3000	-43.87	PASS
Band12	3MHz	16QAM	23095	1RB#0	3000~10000	-44.55	PASS
Band12	3MHz	QPSK	23165	1RB#0	0.009~0.15	-57.81	PASS
Band12	3MHz	QPSK	23165	1RB#0	0.15~30	-54.25	PASS
Band12	3MHz	QPSK	23165	1RB#0	30~1000	-50.48	PASS
Band12	3MHz	QPSK	23165	1RB#0	1000~3000	-44.32	PASS
Band12	3MHz	QPSK	23165	1RB#0	3000~10000	-44.19	PASS
Band12	3MHz	16QAM	23165	1RB#0	0.009~0.15	-58.02	PASS
Band12	3MHz	16QAM	23165	1RB#0	0.15~30	-53.81	PASS
Band12	3MHz	16QAM	23165	1RB#0	30~1000	-52.32	PASS
Band12	3MHz	16QAM	23165	1RB#0	1000~3000	-42.78	PASS
Band12	3MHz	16QAM	23165	1RB#0	3000~10000	-43.94	PASS
Band12	5MHz	QPSK	23035	1RB#0	0.009~0.15	-55.30	PASS
Band12	5MHz	QPSK	23035	1RB#0	0.15~30	-52.28	PASS
Band12	5MHz	QPSK	23035	1RB#0	30~1000	-57.74	PASS
Band12	5MHz	QPSK	23035	1RB#0	1000~3000	-43.51	PASS
Band12	5MHz	QPSK	23035	1RB#0	3000~10000	-44.41	PASS
Band12	5MHz	16QAM	23035	1RB#0	0.009~0.15	-56.40	PASS
Band12	5MHz	16QAM	23035	1RB#0	0.15~30	-49.95	PASS
Band12	5MHz	16QAM	23035	1RB#0	30~1000	-59.33	PASS
Band12	5MHz	16QAM	23035	1RB#0	1000~3000	-45.59	PASS
Band12	5MHz	16QAM	23035	1RB#0	3000~10000	-44.22	PASS
Band12	5MHz	QPSK	23095	1RB#0	0.009~0.15	-57.81	PASS
Band12	5MHz	QPSK	23095	1RB#0	0.15~30	-53.45	PASS
Band12	5MHz	QPSK	23095	1RB#0	30~1000	-62.00	PASS
Band12	5MHz	QPSK	23095	1RB#0	1000~3000	-45.04	PASS
Band12	5MHz	QPSK	23095	1RB#0	3000~10000	-44.37	PASS
Band12	5MHz	16QAM	23095	1RB#0	0.009~0.15	-56.37	PASS



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Band12	5MHz	16QAM	23095	1RB#0	0.15~30	-53.12	PASS
Band12	5MHz	16QAM	23095	1RB#0	30~1000	-61.45	PASS
Band12	5MHz	16QAM	23095	1RB#0	1000~3000	-44.42	PASS
Band12	5MHz	16QAM	23095	1RB#0	3000~10000	-44.26	PASS
Band12	5MHz	QPSK	23155	1RB#0	0.009~0.15	-59.74	PASS
Band12	5MHz	QPSK	23155	1RB#0	0.15~30	-54.86	PASS
Band12	5MHz	QPSK	23155	1RB#0	30~1000	-58.42	PASS
Band12	5MHz	QPSK	23155	1RB#0	1000~3000	-43.32	PASS
Band12	5MHz	QPSK	23155	1RB#0	3000~10000	-44.05	PASS
Band12	5MHz	16QAM	23155	1RB#0	0.009~0.15	-59.34	PASS
Band12	5MHz	16QAM	23155	1RB#0	0.15~30	-53.98	PASS
Band12	5MHz	16QAM	23155	1RB#0	30~1000	-60.85	PASS
Band12	5MHz	16QAM	23155	1RB#0	1000~3000	-45.48	PASS
Band12	5MHz	16QAM	23155	1RB#0	3000~10000	-43.37	PASS
Band12	10MHz	QPSK	23060	1RB#0	0.009~0.15	-59.97	PASS
Band12	10MHz	QPSK	23060	1RB#0	0.15~30	-50.93	PASS
Band12	10MHz	QPSK	23060	1RB#0	30~1000	-62.85	PASS
Band12	10MHz	QPSK	23060	1RB#0	1000~3000	-43.84	PASS
Band12	10MHz	QPSK	23060	1RB#0	3000~10000	-44.21	PASS
Band12	10MHz	16QAM	23060	1RB#0	0.009~0.15	-60.68	PASS
Band12	10MHz	16QAM	23060	1RB#0	0.15~30	-54.80	PASS
Band12	10MHz	16QAM	23060	1RB#0	30~1000	-62.59	PASS
Band12	10MHz	16QAM	23060	1RB#0	1000~3000	-45.47	PASS
Band12	10MHz	16QAM	23060	1RB#0	3000~10000	-44.12	PASS
Band12	10MHz	QPSK	23095	1RB#0	0.009~0.15	-56.13	PASS
Band12	10MHz	QPSK	23095	1RB#0	0.15~30	-52.31	PASS
Band12	10MHz	QPSK	23095	1RB#0	30~1000	-62.84	PASS
Band12	10MHz	QPSK	23095	1RB#0	1000~3000	-44.15	PASS
Band12	10MHz	QPSK	23095	1RB#0	3000~10000	-44.32	PASS
Band12	10MHz	16QAM	23095	1RB#0	0.009~0.15	-60.51	PASS
Band12	10MHz	16QAM	23095	1RB#0	0.15~30	-54.00	PASS
Band12	10MHz	16QAM	23095	1RB#0	30~1000	-62.57	PASS
Band12	10MHz	16QAM	23095	1RB#0	1000~3000	-44.09	PASS
Band12	10MHz	16QAM	23095	1RB#0	3000~10000	-44.37	PASS
Band12	10MHz	QPSK	23130	1RB#0	0.009~0.15	-59.09	PASS
Band12	10MHz	QPSK	23130	1RB#0	0.15~30	-50.74	PASS
Band12	10MHz	QPSK	23130	1RB#0	30~1000	-62.50	PASS
Band12	10MHz	QPSK	23130	1RB#0	1000~3000	-43.92	PASS
Band12	10MHz	QPSK	23130	1RB#0	3000~10000	-44.27	PASS
Band12	10MHz	16QAM	23130	1RB#0	0.009~0.15	-58.79	PASS
Band12	10MHz	16QAM	23130	1RB#0	0.15~30	-51.40	PASS



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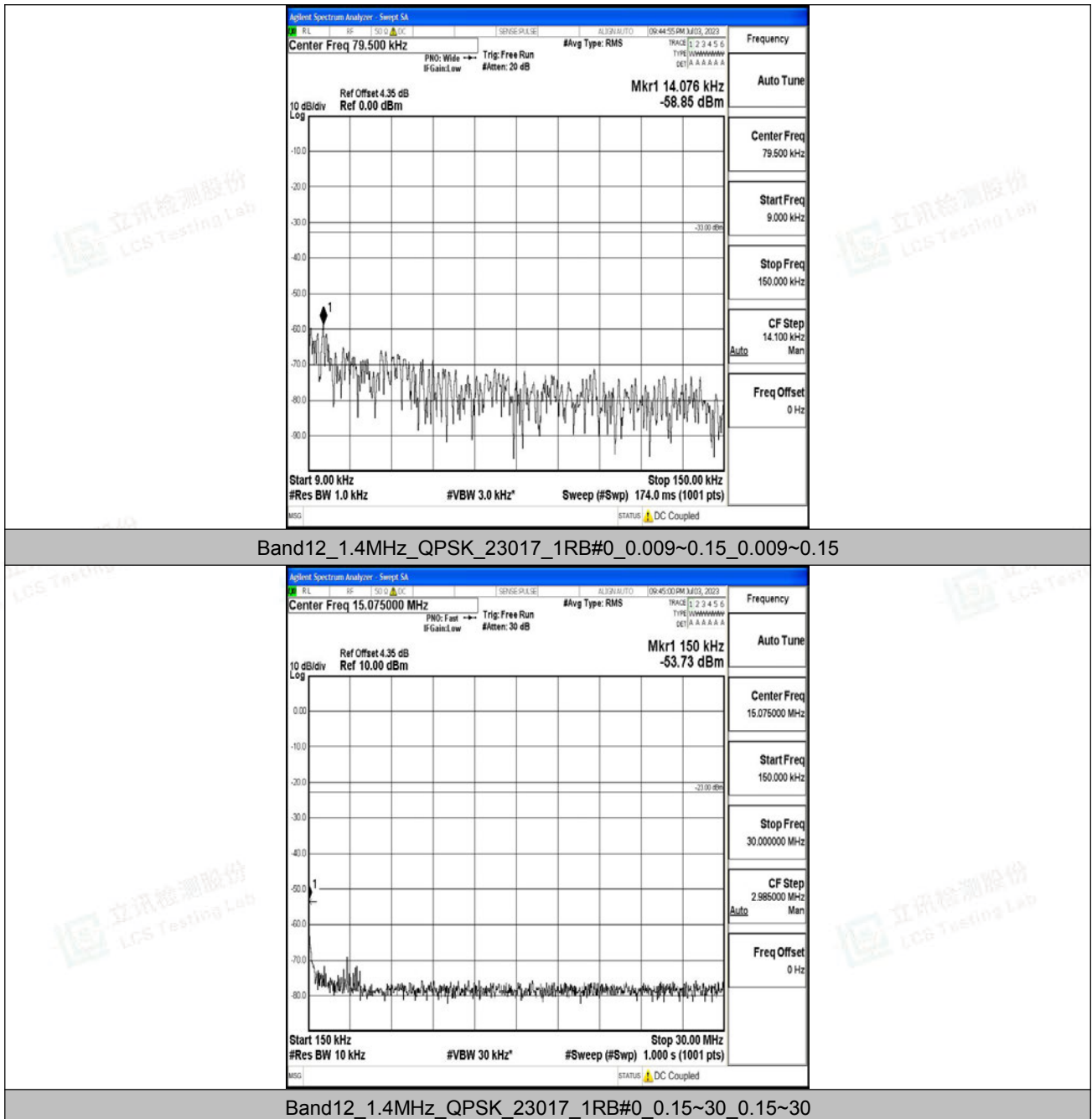
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Band12	10MHz	16QAM	23130	1RB#0	30~1000	-62.61	PASS
Band12	10MHz	16QAM	23130	1RB#0	1000~3000	-44.76	PASS
Band12	10MHz	16QAM	23130	1RB#0	3000~10000	-44.13	PASS

Test Graphs

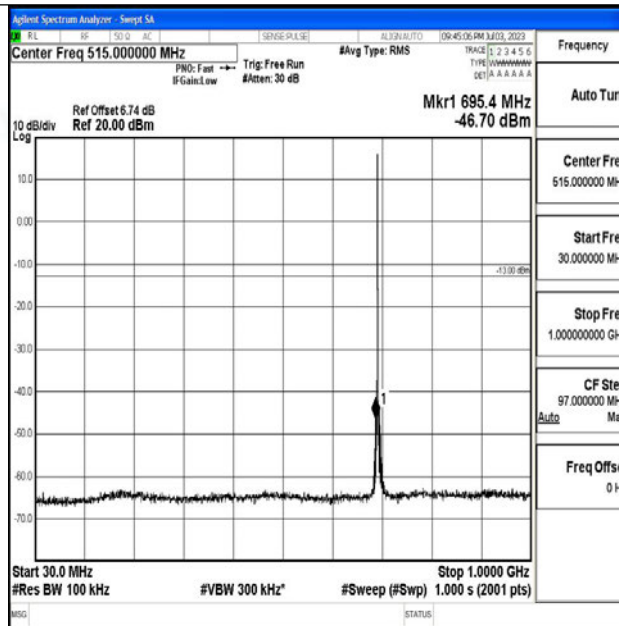


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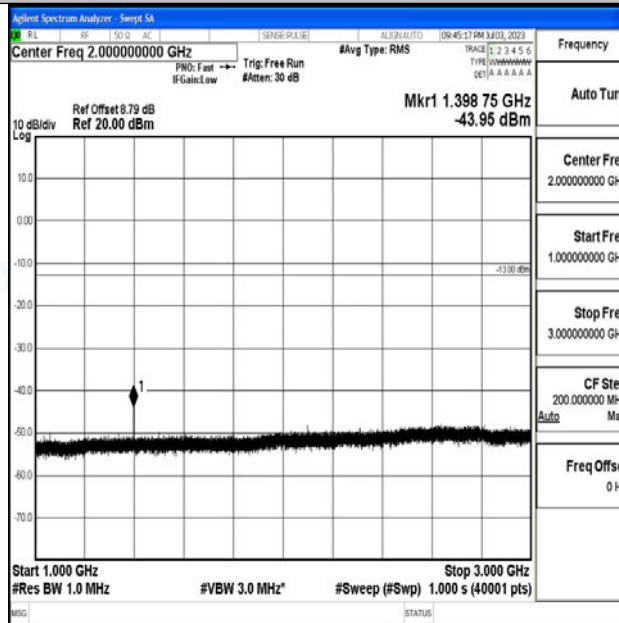
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Band12_1.4MHz_QPSK_23017_1RB#0_30~1000_30~1000



Band12_1.4MHz_QPSK_23017_1RB#0_1000~3000_1000~3000

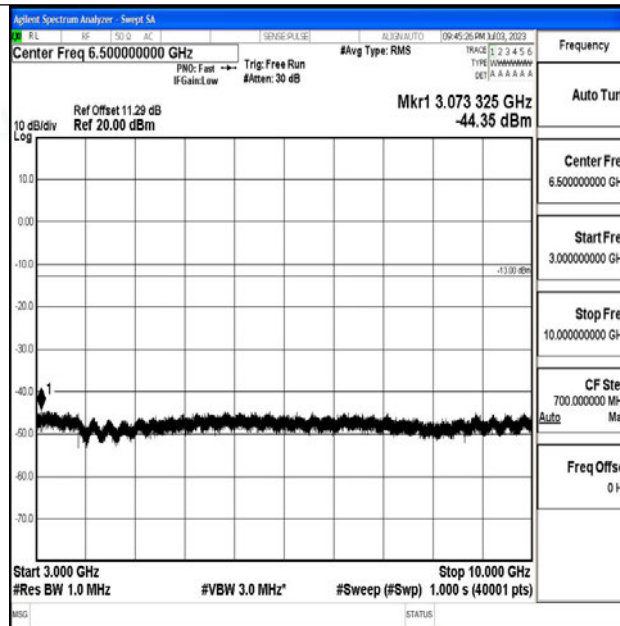


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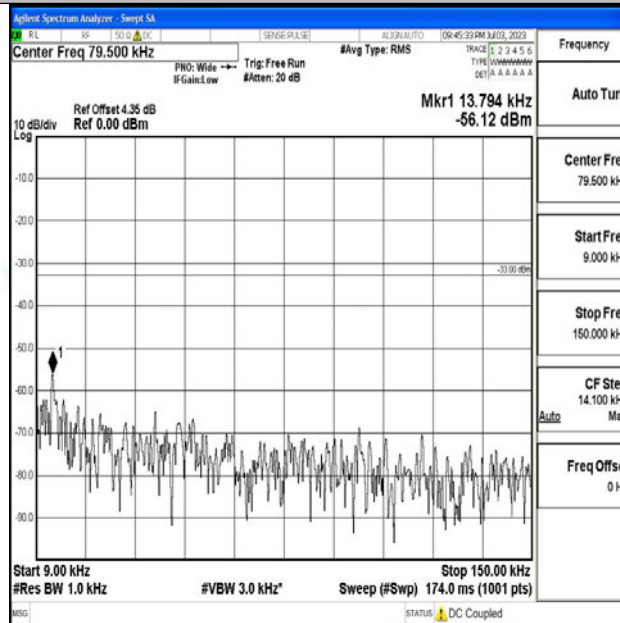
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Band12_1.4MHz_QPSK_23017_1RB#0_3000~10000_3000~10000



Band12_1.4MHz_16QAM_23017_1RB#0_0.009~0.15_0.009~0.15

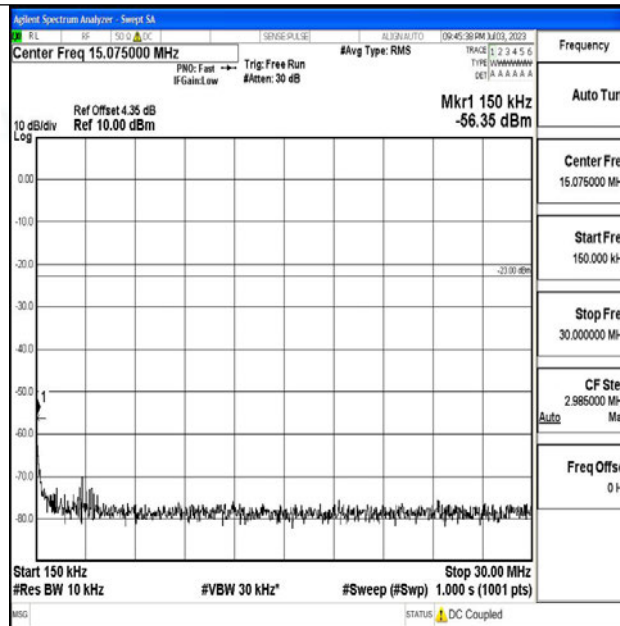


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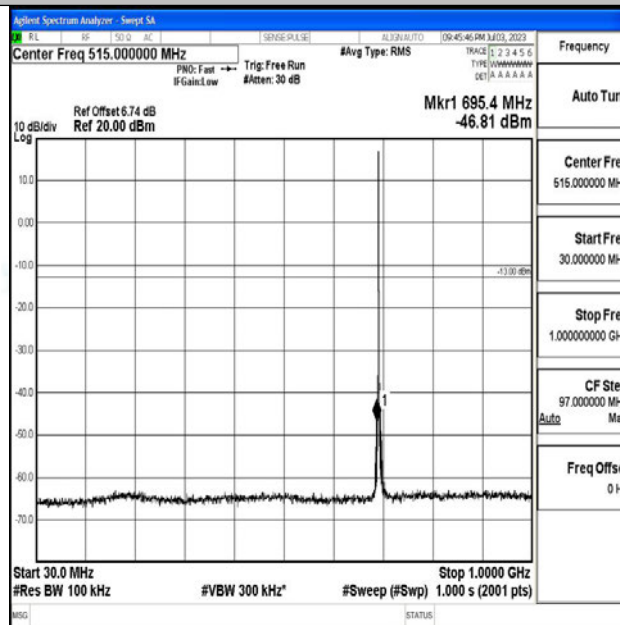
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Band12_1.4MHz_16QAM_23017_1RB#0_0.15~30_0.15~30



Band12_1.4MHz_16QAM_23017_1RB#0_30~1000_30~1000

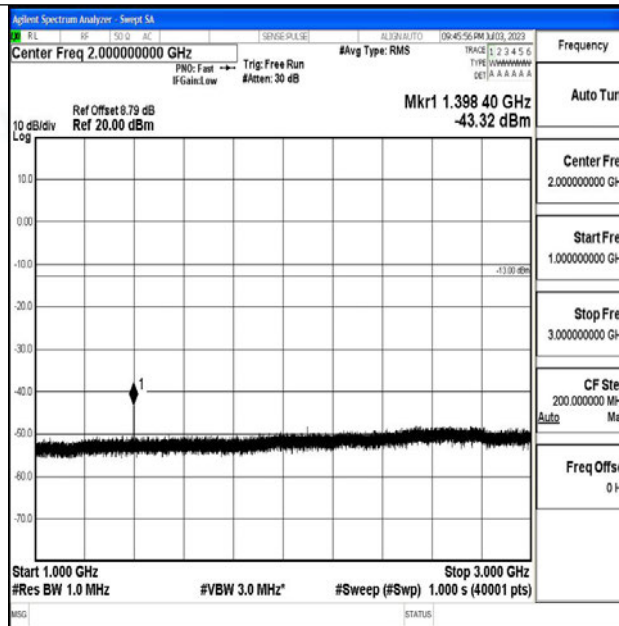


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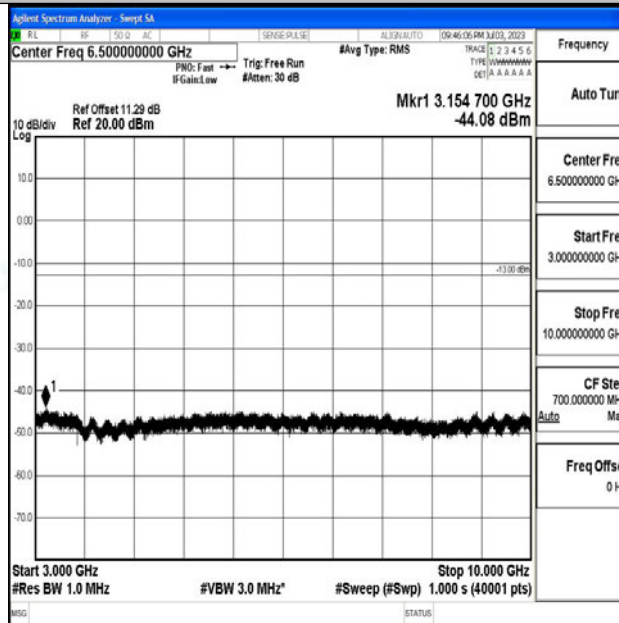
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Band12_1.4MHz_16QAM_23017_1RB#0_1000~3000_1000~3000



Band12_1.4MHz_16QAM_23017_1RB#0_3000~10000_3000~10000

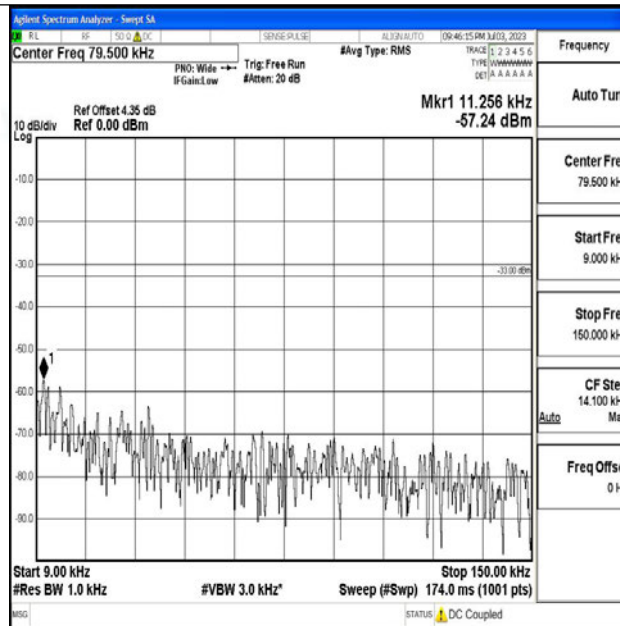


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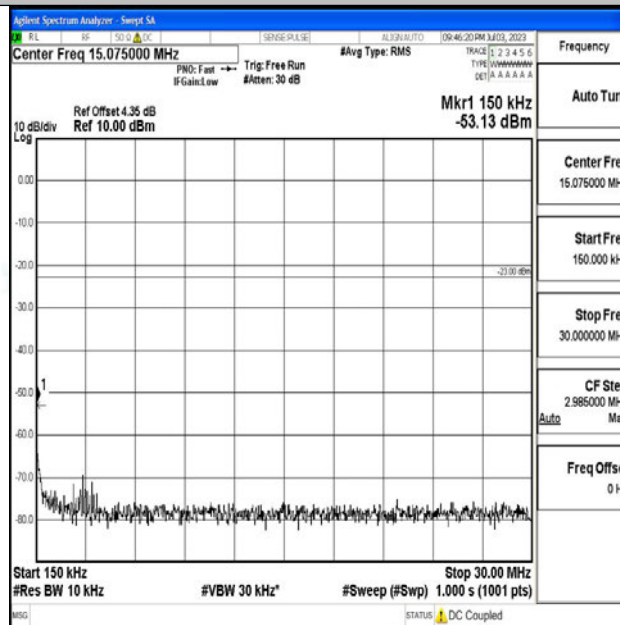
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Band12_1.4MHz_QPSK_23095_1RB#0_0.009~0.15_0.009~0.15



Band12_1.4MHz_QPSK_23095_1RB#0_0.15~30_0.15~30

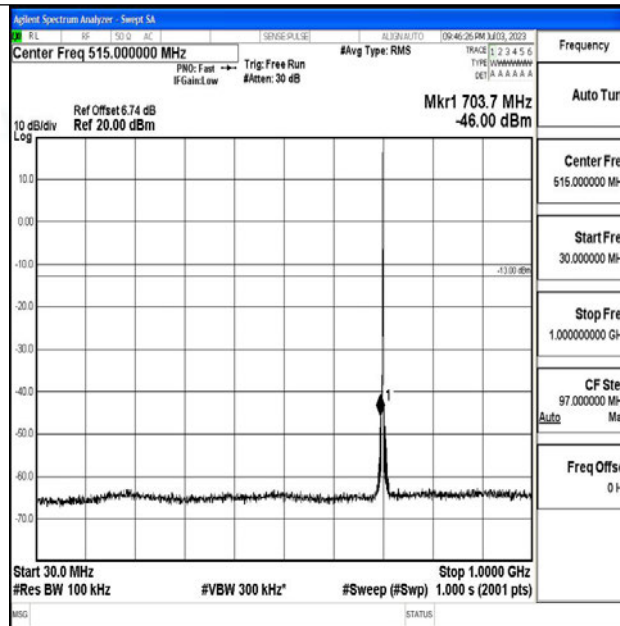


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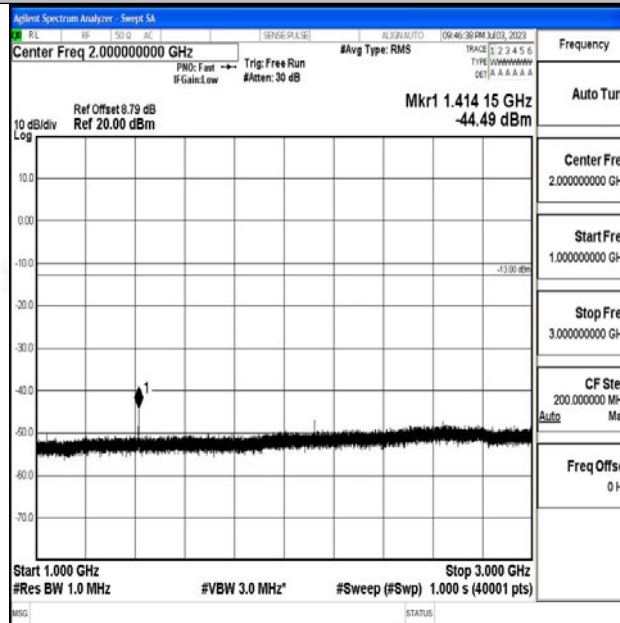
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Band12_1.4MHz_QPSK_23095_1RB#0_30~1000_30~1000



Band12_1.4MHz_QPSK_23095_1RB#0_1000~3000_1000~3000

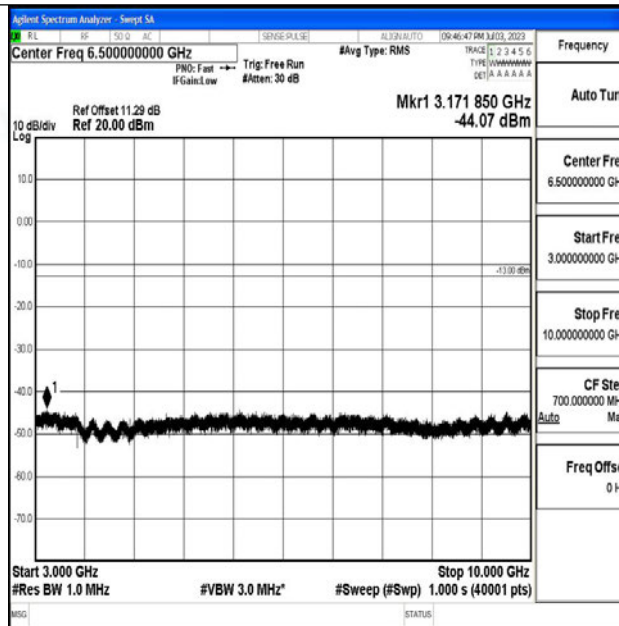


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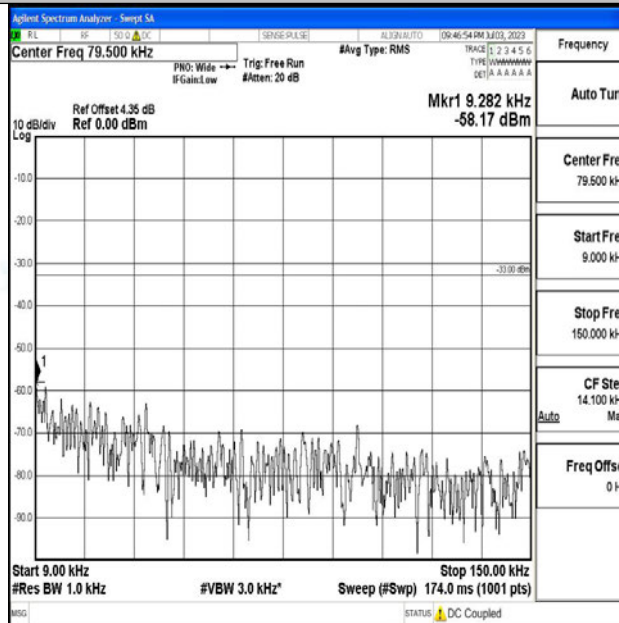
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Band12_1.4MHz_QPSK_23095_1RB#0_3000~10000_3000~10000



Band12_1.4MHz_16QAM_23095_1RB#0_0.009~0.15_0.009~0.15

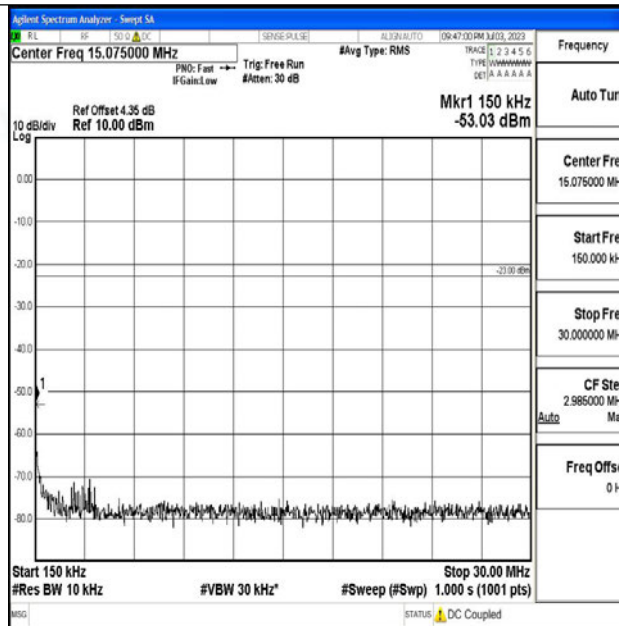


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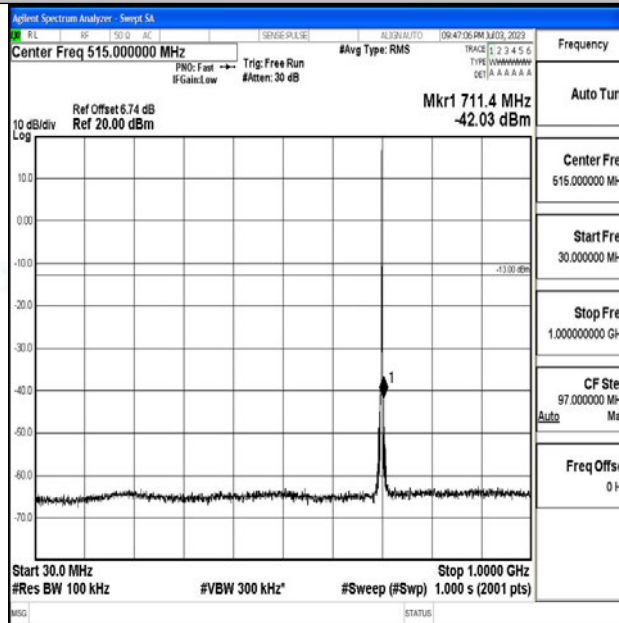
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Band12_1.4MHz_16QAM_23095_1RB#0_0.15~30_0.15~30



Band12_1.4MHz_16QAM_23095_1RB#0_30~1000_30~1000

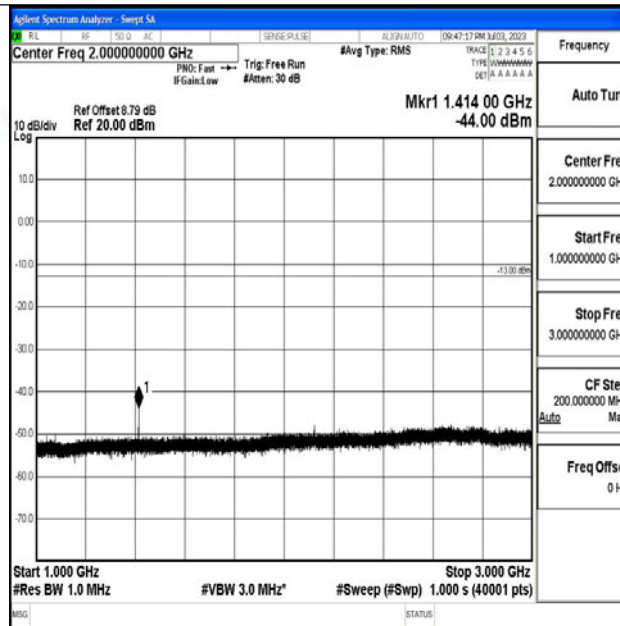


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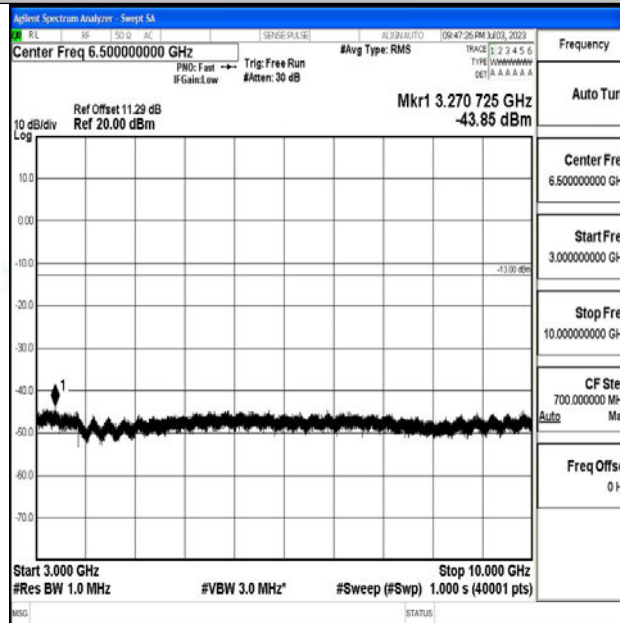
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Scan code to check authenticity



Band12_1.4MHz_16QAM_23095_1RB#0_1000~3000_1000~3000



Band12_1.4MHz_16QAM_23095_1RB#0_3000~10000_3000~10000

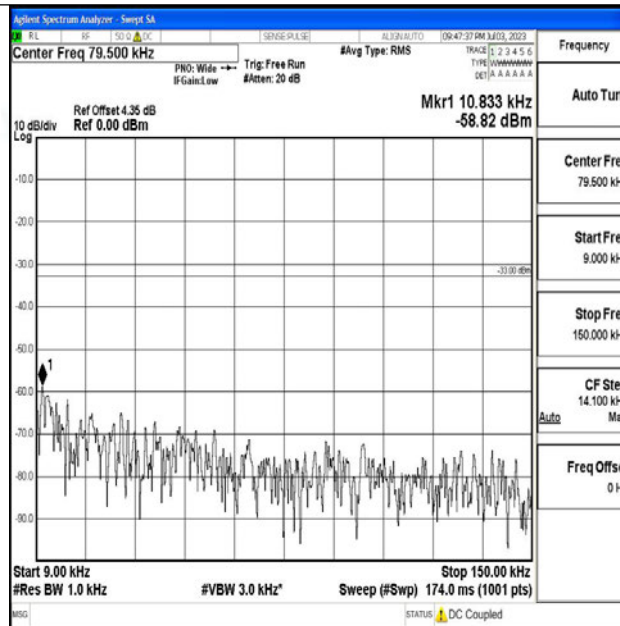


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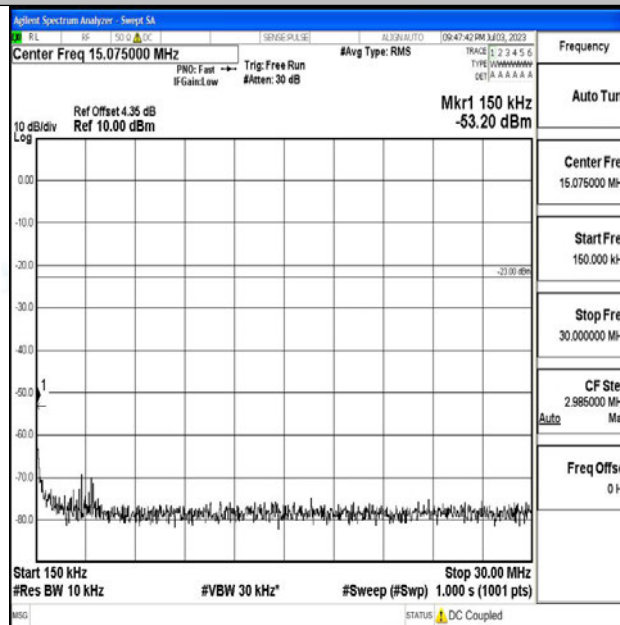
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Band12_1.4MHz_QPSK_23173_1RB#0_0.009~0.15_0.009~0.15



Band12_1.4MHz_QPSK_23173_1RB#0_0.15~30_0.15~30



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