



Appendix J: Test Data for E-UTRA Band 12

Product Name: 4G Tablet

Test Model: Smooth 8GT

Environmental Conditions

Temperature:	23.3° C
Relative Humidity:	52.4%
ATM Pressure:	100.0 kPa
Test Engineer:	Nick Peng
Supervised by:	Ling Zhu



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J.1 Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	22.65	PASS
Band12	1.4MHz	QPSK	23017	1RB#2	22.59	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	22.61	PASS
Band12	1.4MHz	QPSK	23017	3RB#0	22.80	PASS
Band12	1.4MHz	QPSK	23017	3RB#1	22.81	PASS
Band12	1.4MHz	QPSK	23017	3RB#3	22.89	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	21.82	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	22.93	PASS
Band12	1.4MHz	QPSK	23095	1RB#2	22.77	PASS
Band12	1.4MHz	QPSK	23095	1RB#5	22.64	PASS
Band12	1.4MHz	QPSK	23095	3RB#0	22.91	PASS
Band12	1.4MHz	QPSK	23095	3RB#1	22.79	PASS
Band12	1.4MHz	QPSK	23095	3RB#3	22.91	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	21.81	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	22.98	PASS
Band12	1.4MHz	QPSK	23173	1RB#2	22.95	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	22.90	PASS
Band12	1.4MHz	QPSK	23173	3RB#0	22.83	PASS
Band12	1.4MHz	QPSK	23173	3RB#1	22.84	PASS
Band12	1.4MHz	QPSK	23173	3RB#3	22.81	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	21.73	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	22.40	PASS
Band12	1.4MHz	16QAM	23017	1RB#2	22.42	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	22.42	PASS
Band12	1.4MHz	16QAM	23017	3RB#0	21.55	PASS
Band12	1.4MHz	16QAM	23017	3RB#1	21.51	PASS
Band12	1.4MHz	16QAM	23017	3RB#3	21.54	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	21.43	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	21.37	PASS
Band12	1.4MHz	16QAM	23095	1RB#2	21.37	PASS





Band12	1.4MHz	16QAM	23095	1RB#5	21.69	PASS
Band12	1.4MHz	16QAM	23095	3RB#0	21.73	PASS
Band12	1.4MHz	16QAM	23095	3RB#1	21.57	PASS
Band12	1.4MHz	16QAM	23095	3RB#3	21.39	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	20.88	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	22.19	PASS
Band12	1.4MHz	16QAM	23173	1RB#2	21.91	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	22.33	PASS
Band12	1.4MHz	16QAM	23173	3RB#0	21.59	PASS
Band12	1.4MHz	16QAM	23173	3RB#1	21.59	PASS
Band12	1.4MHz	16QAM	23173	3RB#3	21.55	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	21.09	PASS
Band12	3MHz	QPSK	23025	1RB#0	22.84	PASS
Band12	3MHz	QPSK	23025	1RB#8	22.84	PASS
Band12	3MHz	QPSK	23025	1RB#14	22.84	PASS
Band12	3MHz	QPSK	23025	8RB#0	21.83	PASS
Band12	3MHz	QPSK	23025	8RB#4	21.82	PASS
Band12	3MHz	QPSK	23025	8RB#7	21.93	PASS
Band12	3MHz	QPSK	23025	15RB#0	21.80	PASS
Band12	3MHz	QPSK	23095	1RB#0	22.92	PASS
Band12	3MHz	QPSK	23095	1RB#8	22.79	PASS
Band12	3MHz	QPSK	23095	1RB#14	22.86	PASS
Band12	3MHz	QPSK	23095	8RB#0	21.76	PASS
Band12	3MHz	QPSK	23095	8RB#4	21.76	PASS
Band12	3MHz	QPSK	23095	8RB#7	21.70	PASS
Band12	3MHz	QPSK	23095	15RB#0	21.74	PASS
Band12	3MHz	QPSK	23165	1RB#0	23.00	PASS
Band12	3MHz	QPSK	23165	1RB#8	22.95	PASS
Band12	3MHz	QPSK	23165	1RB#14	22.97	PASS
Band12	3MHz	QPSK	23165	8RB#0	21.90	PASS
Band12	3MHz	QPSK	23165	8RB#4	21.83	PASS
Band12	3MHz	QPSK	23165	8RB#7	21.64	PASS
Band12	3MHz	QPSK	23165	15RB#0	21.89	PASS
Band12	3MHz	16QAM	23025	1RB#0	21.58	PASS
Band12	3MHz	16QAM	23025	1RB#8	21.57	PASS



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Band12	3MHz	16QAM	23025	1RB#14	21.45	PASS
Band12	3MHz	16QAM	23025	8RB#0	21.39	PASS
Band12	3MHz	16QAM	23025	8RB#4	21.34	PASS
Band12	3MHz	16QAM	23025	8RB#7	21.37	PASS
Band12	3MHz	16QAM	23025	15RB#0	21.31	PASS
Band12	3MHz	16QAM	23095	1RB#0	21.52	PASS
Band12	3MHz	16QAM	23095	1RB#8	21.47	PASS
Band12	3MHz	16QAM	23095	1RB#14	21.39	PASS
Band12	3MHz	16QAM	23095	8RB#0	21.50	PASS
Band12	3MHz	16QAM	23095	8RB#4	21.47	PASS
Band12	3MHz	16QAM	23095	8RB#7	20.94	PASS
Band12	3MHz	16QAM	23095	15RB#0	20.68	PASS
Band12	3MHz	16QAM	23165	1RB#0	22.08	PASS
Band12	3MHz	16QAM	23165	1RB#8	21.97	PASS
Band12	3MHz	16QAM	23165	1RB#14	21.84	PASS
Band12	3MHz	16QAM	23165	8RB#0	20.91	PASS
Band12	3MHz	16QAM	23165	8RB#4	20.83	PASS
Band12	3MHz	16QAM	23165	8RB#7	21.12	PASS
Band12	3MHz	16QAM	23165	15RB#0	20.71	PASS
Band12	5MHz	QPSK	23035	1RB#0	22.83	PASS
Band12	5MHz	QPSK	23035	1RB#12	23.00	PASS
Band12	5MHz	QPSK	23035	1RB#24	22.90	PASS
Band12	5MHz	QPSK	23035	12RB#0	21.86	PASS
Band12	5MHz	QPSK	23035	12RB#6	21.83	PASS
Band12	5MHz	QPSK	23035	12RB#13	21.92	PASS
Band12	5MHz	QPSK	23035	25RB#0	21.87	PASS
Band12	5MHz	QPSK	23095	1RB#0	22.96	PASS
Band12	5MHz	QPSK	23095	1RB#12	22.79	PASS
Band12	5MHz	QPSK	23095	1RB#24	22.89	PASS
Band12	5MHz	QPSK	23095	12RB#0	21.88	PASS
Band12	5MHz	QPSK	23095	12RB#6	21.90	PASS
Band12	5MHz	QPSK	23095	12RB#13	21.75	PASS
Band12	5MHz	QPSK	23095	25RB#0	21.88	PASS
Band12	5MHz	QPSK	23155	1RB#0	22.88	PASS
Band12	5MHz	QPSK	23155	1RB#12	22.84	PASS



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Band12	5MHz	QPSK	23155	1RB#24	22.77	PASS
Band12	5MHz	QPSK	23155	12RB#0	21.84	PASS
Band12	5MHz	QPSK	23155	12RB#6	21.89	PASS
Band12	5MHz	QPSK	23155	12RB#13	21.92	PASS
Band12	5MHz	QPSK	23155	25RB#0	21.99	PASS
Band12	5MHz	16QAM	23035	1RB#0	21.14	PASS
Band12	5MHz	16QAM	23035	1RB#12	21.20	PASS
Band12	5MHz	16QAM	23035	1RB#24	21.61	PASS
Band12	5MHz	16QAM	23035	12RB#0	21.31	PASS
Band12	5MHz	16QAM	23035	12RB#6	21.29	PASS
Band12	5MHz	16QAM	23035	12RB#13	21.31	PASS
Band12	5MHz	16QAM	23035	25RB#0	21.38	PASS
Band12	5MHz	16QAM	23095	1RB#0	21.21	PASS
Band12	5MHz	16QAM	23095	1RB#12	21.04	PASS
Band12	5MHz	16QAM	23095	1RB#24	21.15	PASS
Band12	5MHz	16QAM	23095	12RB#0	21.32	PASS
Band12	5MHz	16QAM	23095	12RB#6	21.33	PASS
Band12	5MHz	16QAM	23095	12RB#13	20.77	PASS
Band12	5MHz	16QAM	23095	25RB#0	20.93	PASS
Band12	5MHz	16QAM	23155	1RB#0	22.05	PASS
Band12	5MHz	16QAM	23155	1RB#12	22.03	PASS
Band12	5MHz	16QAM	23155	1RB#24	21.87	PASS
Band12	5MHz	16QAM	23155	12RB#0	20.87	PASS
Band12	5MHz	16QAM	23155	12RB#6	20.83	PASS
Band12	5MHz	16QAM	23155	12RB#13	20.98	PASS
Band12	5MHz	16QAM	23155	25RB#0	20.77	PASS
Band12	10MHz	QPSK	23060	1RB#0	22.77	PASS
Band12	10MHz	QPSK	23060	1RB#24	22.86	PASS
Band12	10MHz	QPSK	23060	1RB#49	22.76	PASS
Band12	10MHz	QPSK	23060	25RB#0	21.76	PASS
Band12	10MHz	QPSK	23060	25RB#12	21.58	PASS
Band12	10MHz	QPSK	23060	25RB#25	21.82	PASS
Band12	10MHz	QPSK	23060	50RB#0	22.21	PASS
Band12	10MHz	QPSK	23095	1RB#0	22.77	PASS
Band12	10MHz	QPSK	23095	1RB#24	22.55	PASS



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Band12	10MHz	QPSK	23095	1RB#49	22.59	PASS
Band12	10MHz	QPSK	23095	25RB#0	21.78	PASS
Band12	10MHz	QPSK	23095	25RB#12	21.77	PASS
Band12	10MHz	QPSK	23095	25RB#25	21.90	PASS
Band12	10MHz	QPSK	23095	50RB#0	21.64	PASS
Band12	10MHz	QPSK	23130	1RB#0	22.94	PASS
Band12	10MHz	QPSK	23130	1RB#24	22.91	PASS
Band12	10MHz	QPSK	23130	1RB#49	22.88	PASS
Band12	10MHz	QPSK	23130	25RB#0	21.63	PASS
Band12	10MHz	QPSK	23130	25RB#12	21.65	PASS
Band12	10MHz	QPSK	23130	25RB#25	21.89	PASS
Band12	10MHz	QPSK	23130	50RB#0	21.81	PASS
Band12	10MHz	16QAM	23060	1RB#0	21.80	PASS
Band12	10MHz	16QAM	23060	1RB#24	22.19	PASS
Band12	10MHz	16QAM	23060	1RB#49	21.56	PASS
Band12	10MHz	16QAM	23060	25RB#0	21.41	PASS
Band12	10MHz	16QAM	23060	25RB#12	21.26	PASS
Band12	10MHz	16QAM	23060	25RB#25	21.30	PASS
Band12	10MHz	16QAM	23060	50RB#0	21.26	PASS
Band12	10MHz	16QAM	23095	1RB#0	21.58	PASS
Band12	10MHz	16QAM	23095	1RB#24	21.48	PASS
Band12	10MHz	16QAM	23095	1RB#49	21.57	PASS
Band12	10MHz	16QAM	23095	25RB#0	21.43	PASS
Band12	10MHz	16QAM	23095	25RB#12	21.43	PASS
Band12	10MHz	16QAM	23095	25RB#25	21.41	PASS
Band12	10MHz	16QAM	23095	50RB#0	20.80	PASS
Band12	10MHz	16QAM	23130	1RB#0	21.51	PASS
Band12	10MHz	16QAM	23130	1RB#24	21.62	PASS
Band12	10MHz	16QAM	23130	1RB#49	21.38	PASS
Band12	10MHz	16QAM	23130	25RB#0	20.81	PASS
Band12	10MHz	16QAM	23130	25RB#12	20.78	PASS
Band12	10MHz	16QAM	23130	25RB#25	20.85	PASS
Band12	10MHz	16QAM	23130	50RB#0	21.21	PASS



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J.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	5.47	13	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	5.35	13	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	5.40	13	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	6.01	13	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	6.15	13	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	6.10	13	PASS
Band12	3MHz	QPSK	23025	15RB#0	5.49	13	PASS
Band12	3MHz	QPSK	23095	15RB#0	5.44	13	PASS
Band12	3MHz	QPSK	23165	15RB#0	5.35	13	PASS
Band12	3MHz	16QAM	23025	15RB#0	6.18	13	PASS
Band12	3MHz	16QAM	23095	15RB#0	6.26	13	PASS
Band12	3MHz	16QAM	23165	15RB#0	6.26	13	PASS
Band12	5MHz	QPSK	23035	25RB#0	5.47	13	PASS
Band12	5MHz	QPSK	23095	25RB#0	5.54	13	PASS
Band12	5MHz	QPSK	23155	25RB#0	5.32	13	PASS
Band12	5MHz	16QAM	23035	25RB#0	6.08	13	PASS
Band12	5MHz	16QAM	23095	25RB#0	6.24	13	PASS
Band12	5MHz	16QAM	23155	25RB#0	6.23	13	PASS
Band12	10MHz	QPSK	23060	50RB#0	5.29	13	PASS
Band12	10MHz	QPSK	23095	50RB#0	5.55	13	PASS
Band12	10MHz	QPSK	23130	50RB#0	5.45	13	PASS
Band12	10MHz	16QAM	23060	50RB#0	6.19	13	PASS
Band12	10MHz	16QAM	23095	50RB#0	6.27	13	PASS
Band12	10MHz	16QAM	23130	50RB#0	6.13	13	PASS



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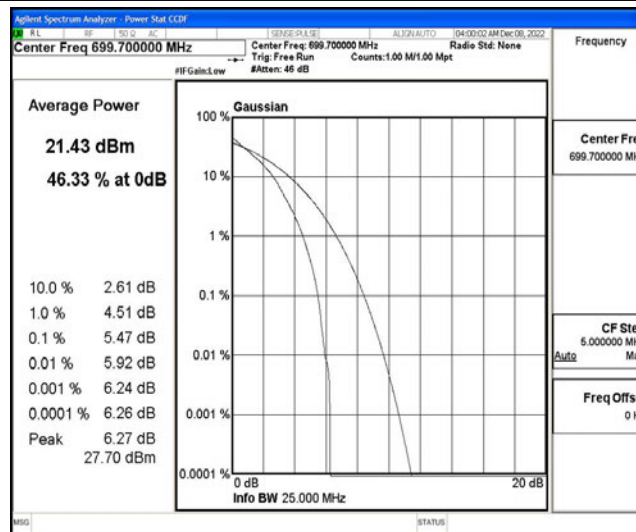
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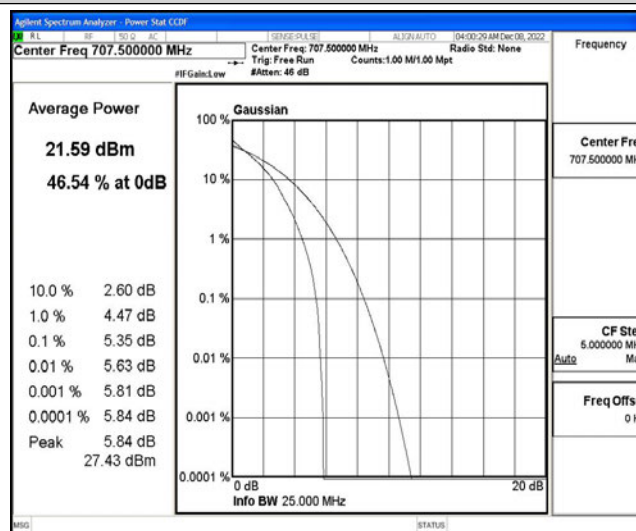


Test Graphs

Band12-1.4MHz-QPSK-23017-6RB#0



Band12-1.4MHz-QPSK-23095-6RB#0



Band12-1.4MHz-QPSK-23173-6RB#0

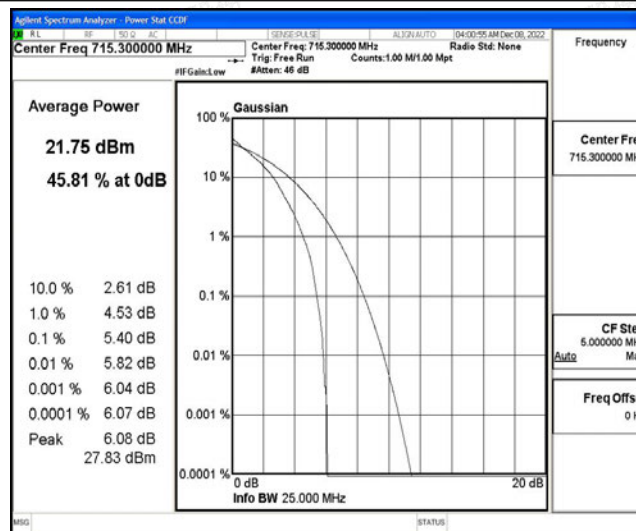


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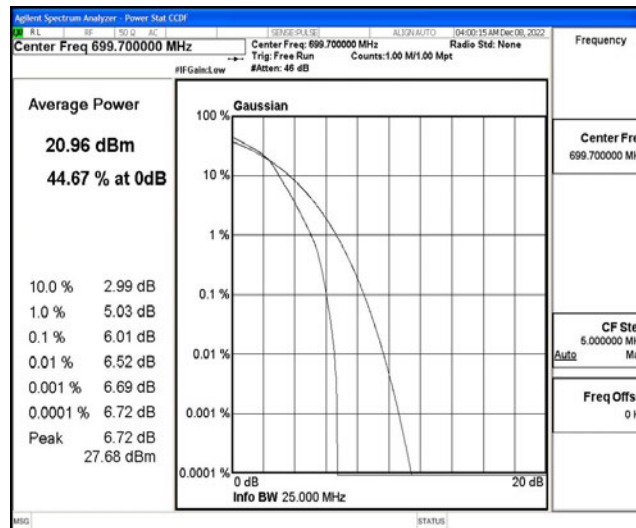
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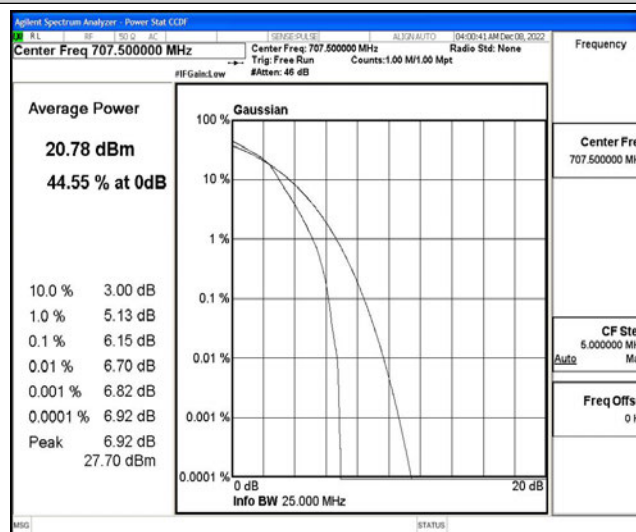
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Band12-1.4MHz-16QAM-23017-6RB#0



Band12-1.4MHz-16QAM-23095-6RB#0



Band12-1.4MHz-16QAM-23173-6RB#0

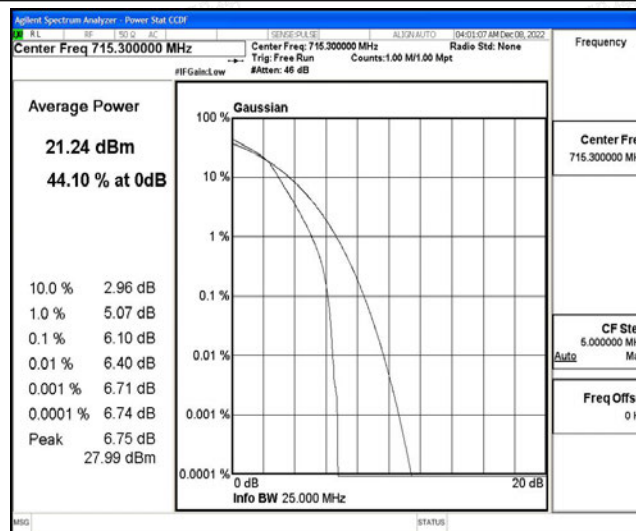


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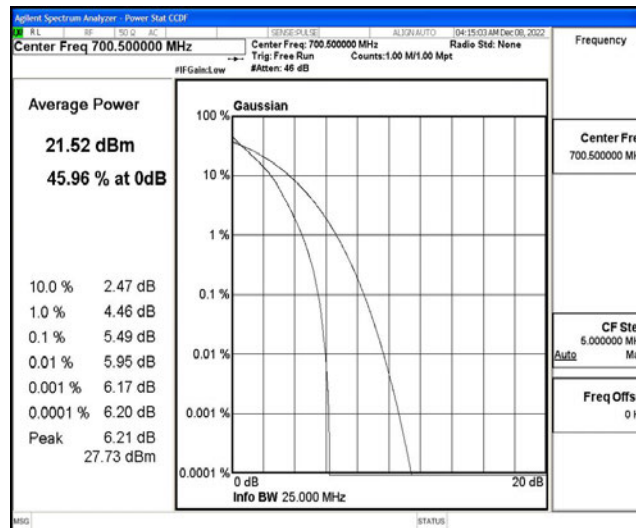
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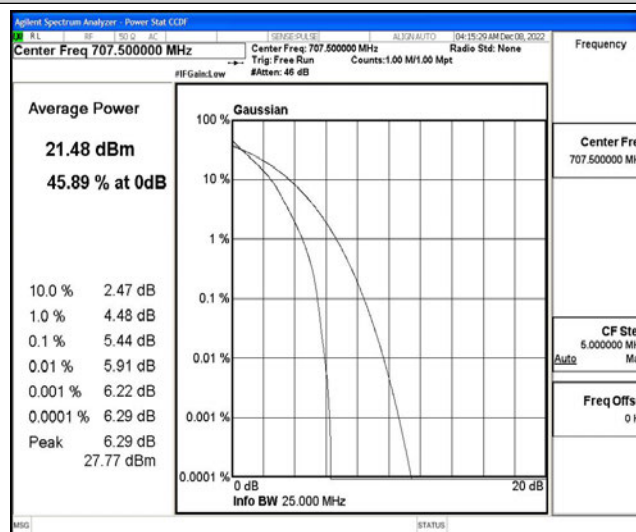
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Band12-3MHz-QPSK-23025-15RB#0

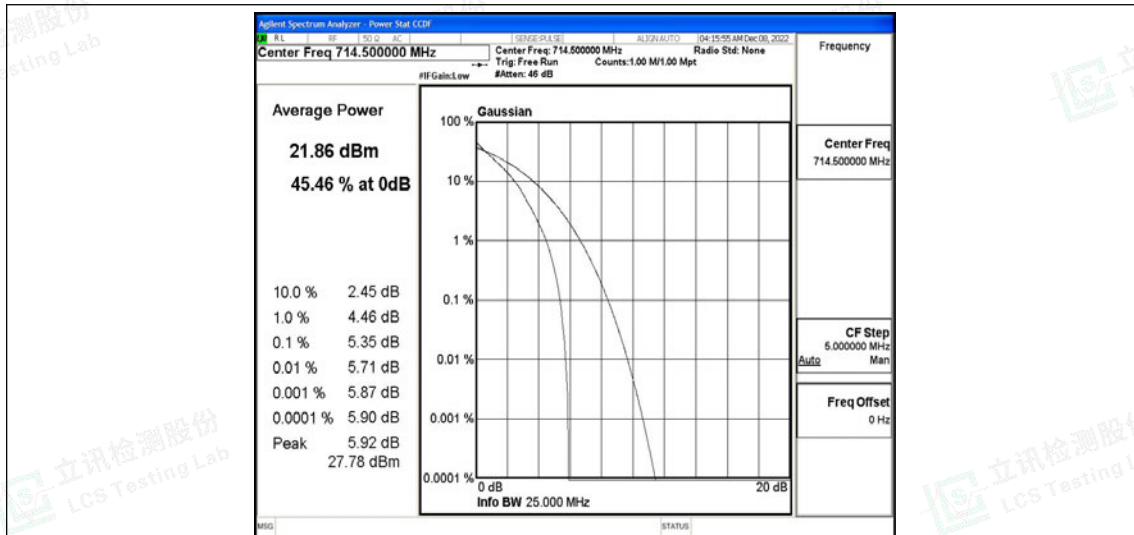


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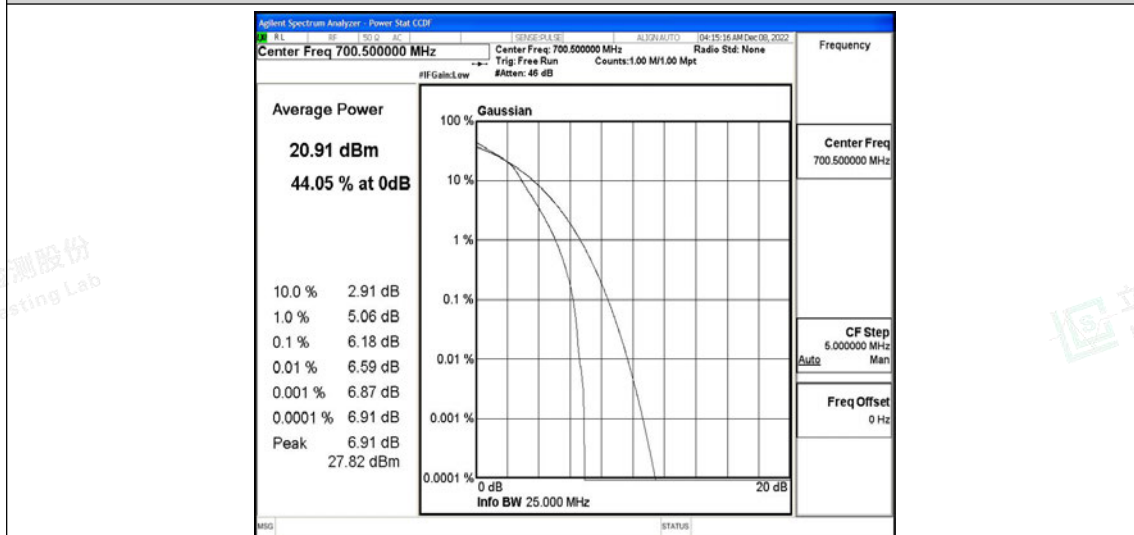


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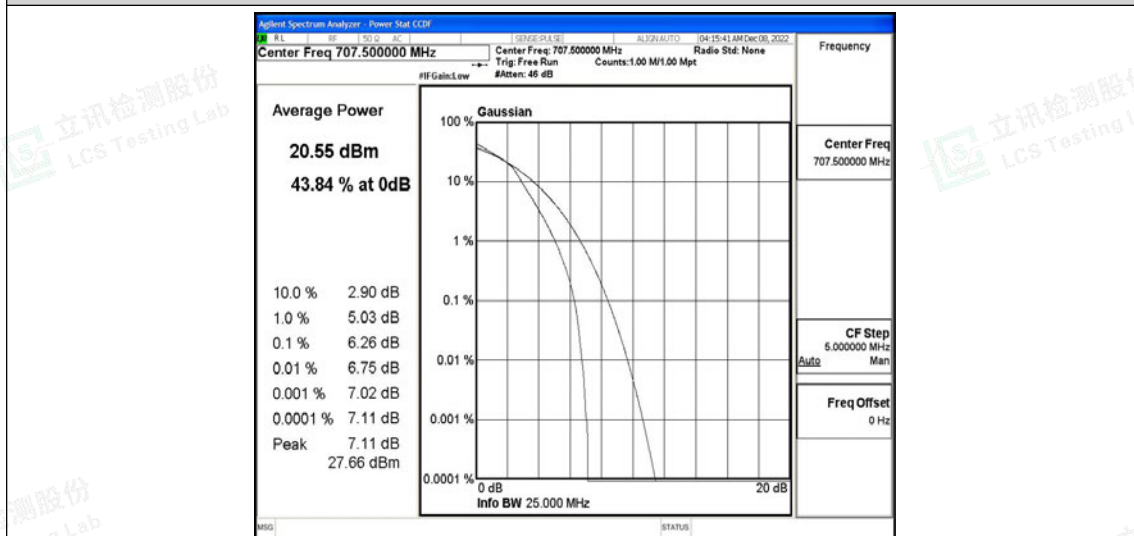




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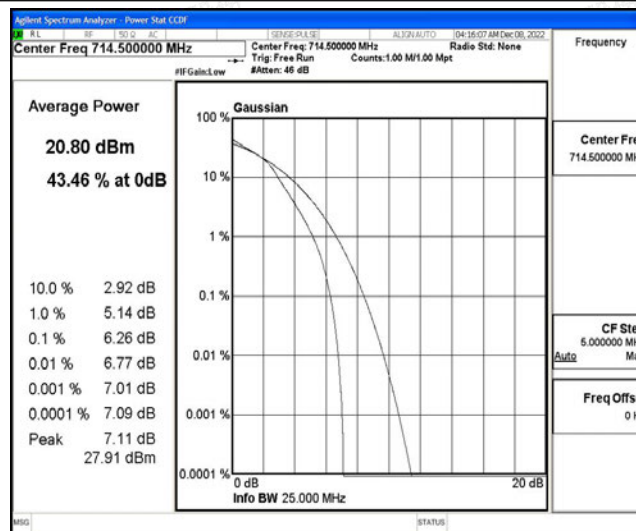


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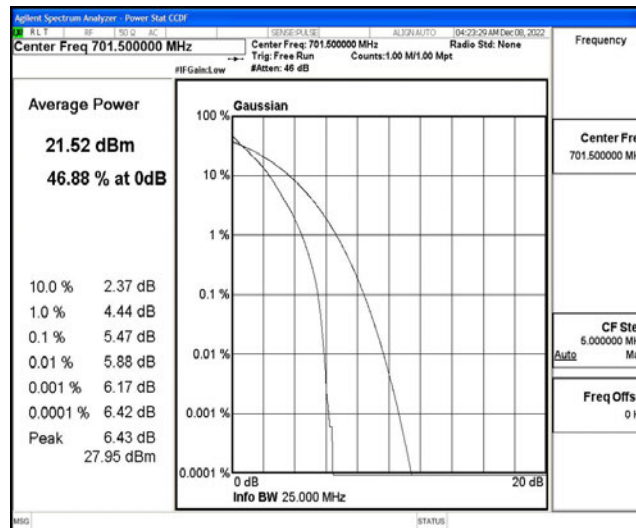


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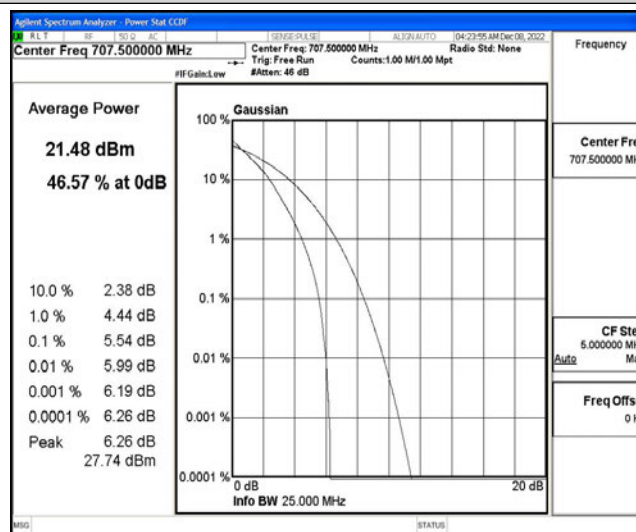




Band12-5MHz-QPSK-23035-25RB#0

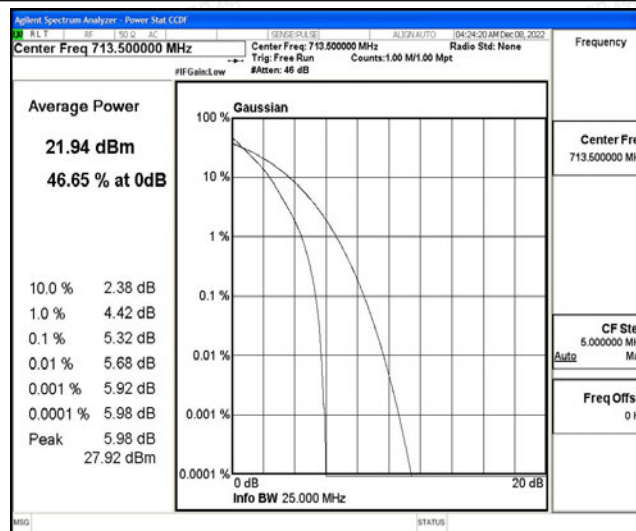


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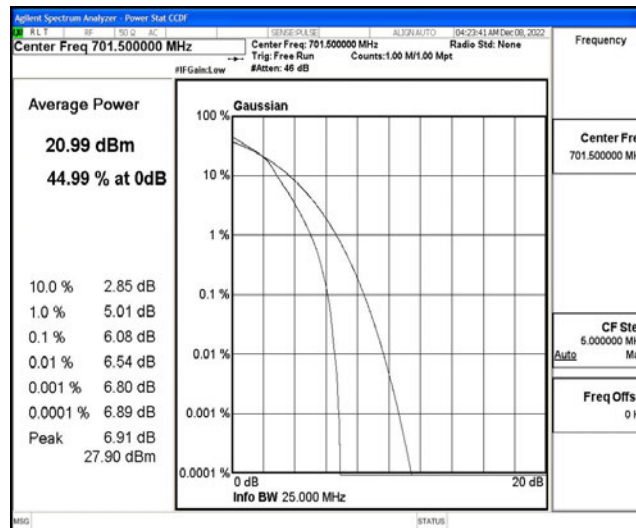


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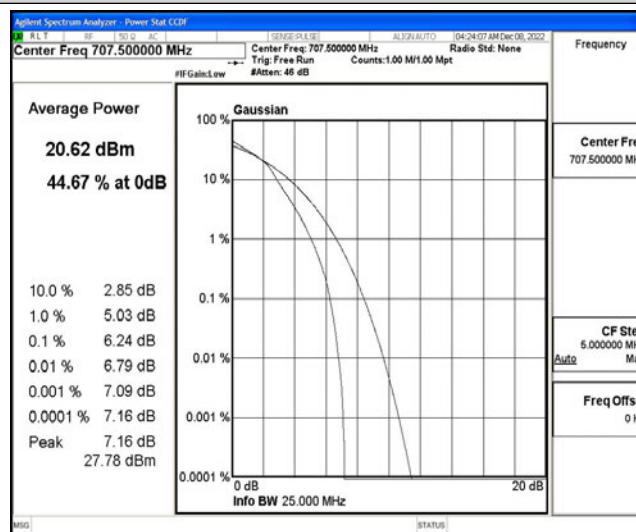




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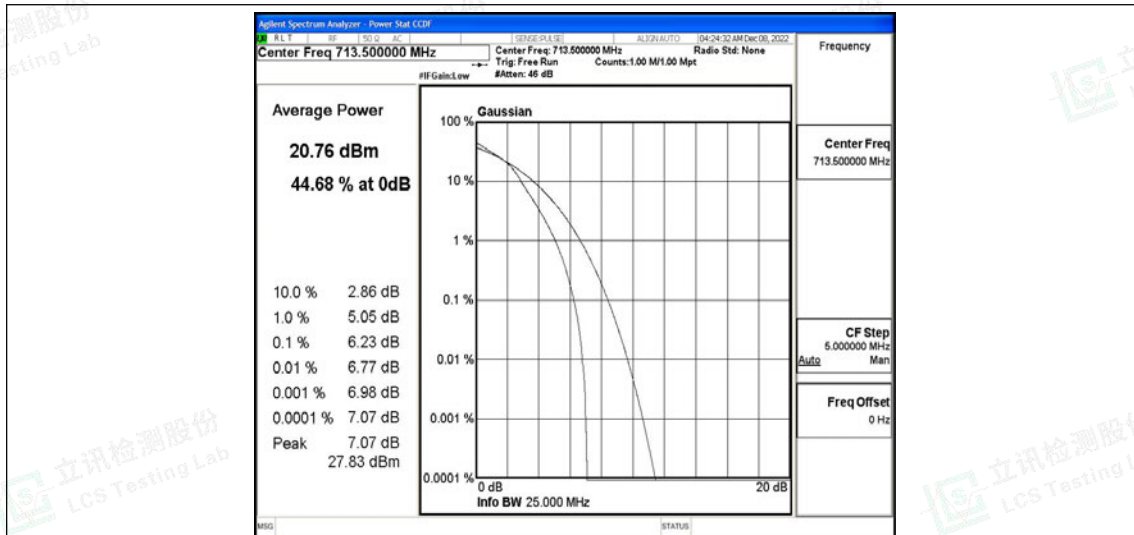


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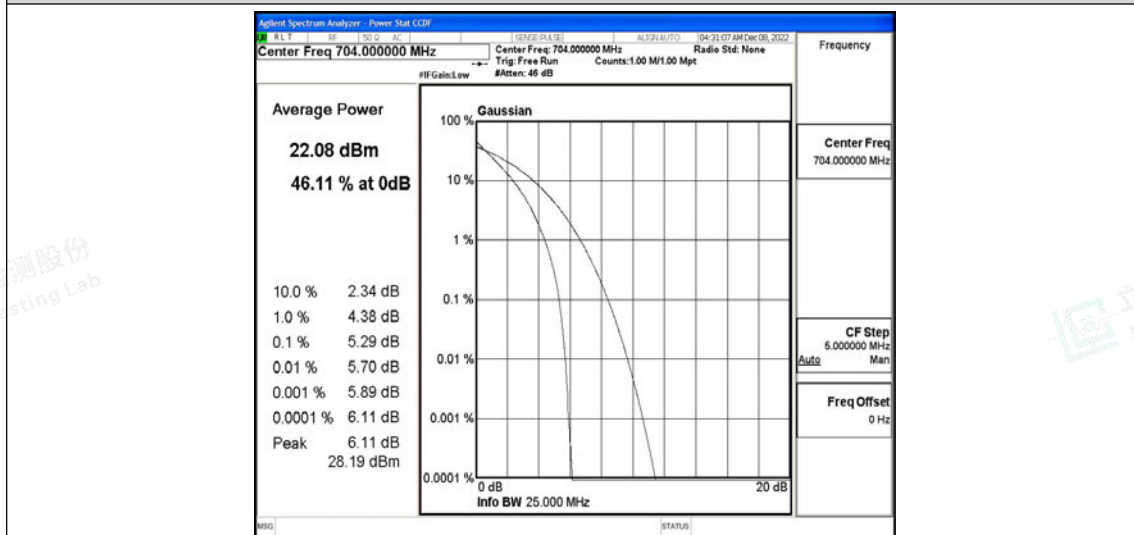


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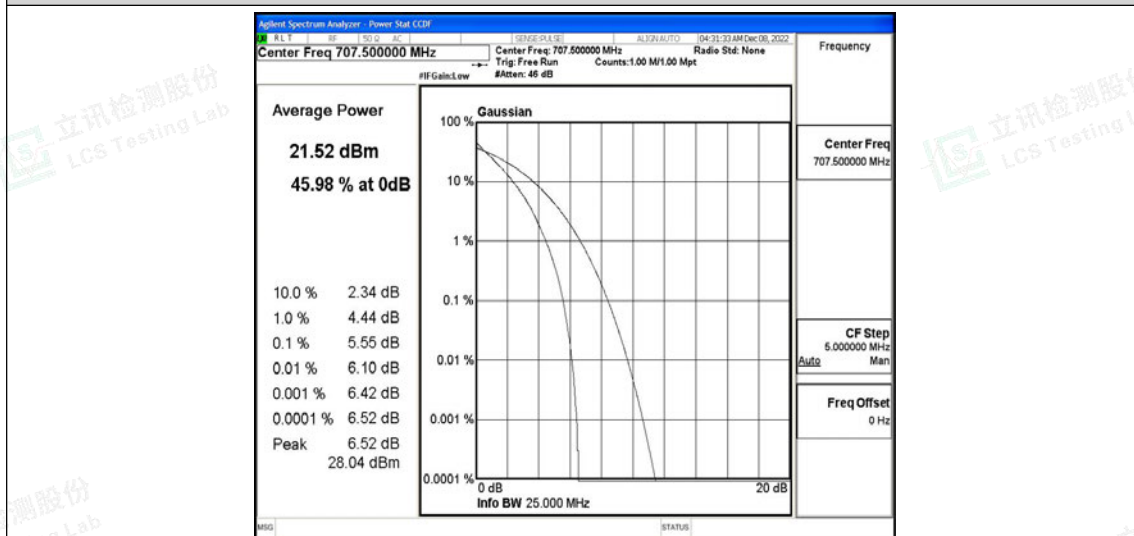




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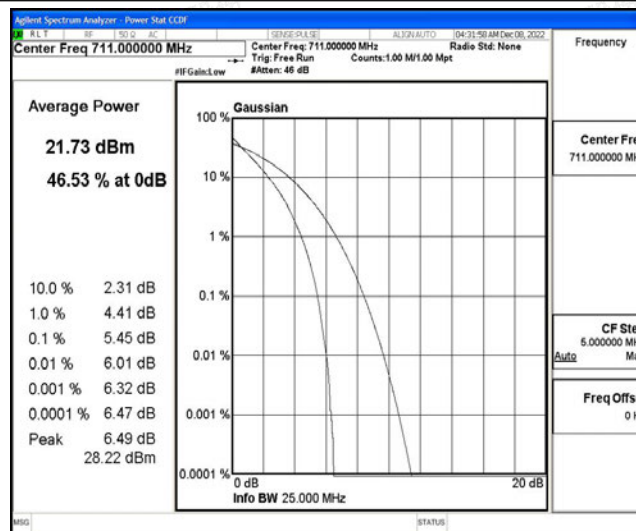


Band12-10MHz-QPSK-23095-50RB#0

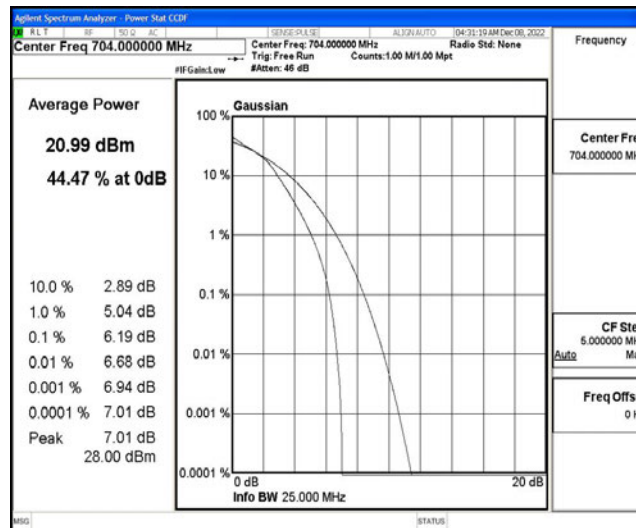


Band12-10MHz-QPSK-23130-50RB#0

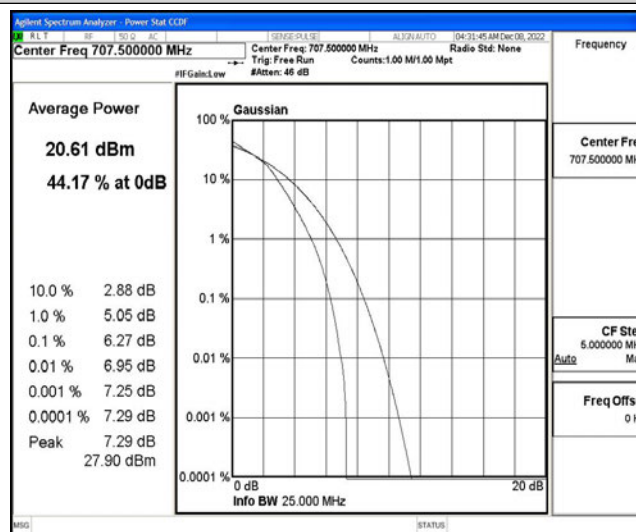




Band12-10MHz-16QAM-23060-50RB#0

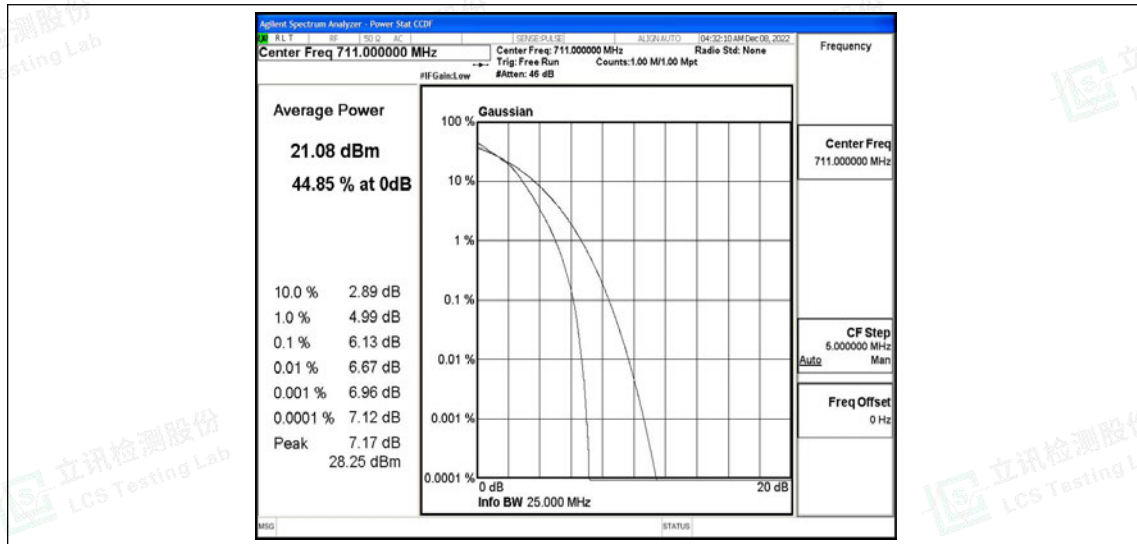


Band12-10MHz-16QAM-23095-50RB#0



Band12-10MHz-16QAM-23130-50RB#0







J.3 26dB Bandwidth and Occupied Bandwidth

Test Result

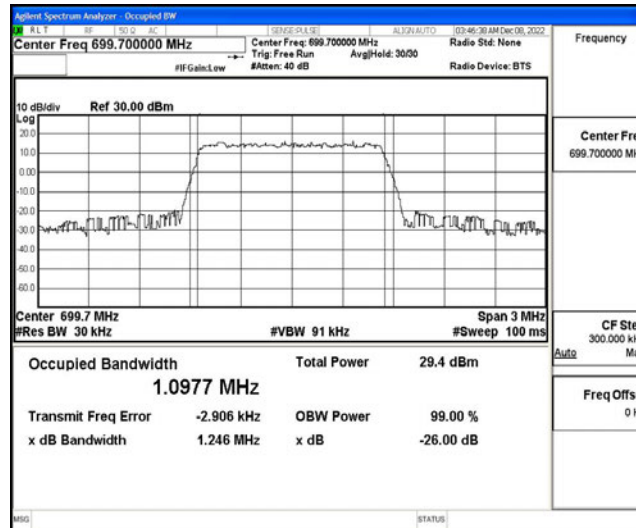
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	1.0977	1.246	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.0945	1.235	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.0962	1.244	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1.1061	1.248	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.0999	1.244	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1.0893	1.241	PASS
Band12	3MHz	QPSK	23025	15RB#0	2.7087	3.050	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.7054	3.029	PASS
Band12	3MHz	QPSK	23165	15RB#0	2.7075	3.030	PASS
Band12	3MHz	16QAM	23025	15RB#0	2.7031	3.004	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.7101	3.033	PASS
Band12	3MHz	16QAM	23165	15RB#0	2.6981	3.012	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.5173	4.977	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.4981	4.968	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.5048	4.992	PASS
Band12	5MHz	16QAM	23035	25RB#0	4.5146	4.957	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.5264	5.002	PASS
Band12	5MHz	16QAM	23155	25RB#0	4.5321	4.978	PASS
Band12	10MHz	QPSK	23060	50RB#0	9.0116	9.872	PASS
Band12	10MHz	QPSK	23095	50RB#0	8.9759	9.922	PASS
Band12	10MHz	QPSK	23130	50RB#0	8.9677	9.874	PASS
Band12	10MHz	16QAM	23060	50RB#0	9.0052	9.936	PASS
Band12	10MHz	16QAM	23095	50RB#0	8.9806	9.976	PASS
Band12	10MHz	16QAM	23130	50RB#0	8.9926	9.888	PASS



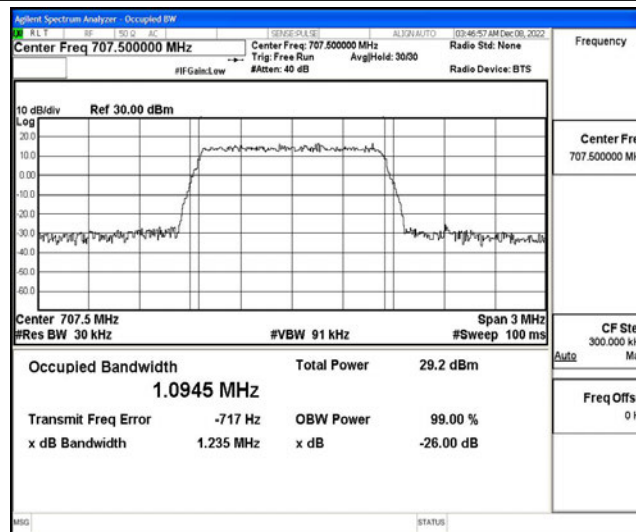


Test Graphs

Band12-1.4MHz-QPSK-23017-6RB#0



Band12-1.4MHz-QPSK-23095-6RB#0



Band12-1.4MHz-QPSK-23173-6RB#0

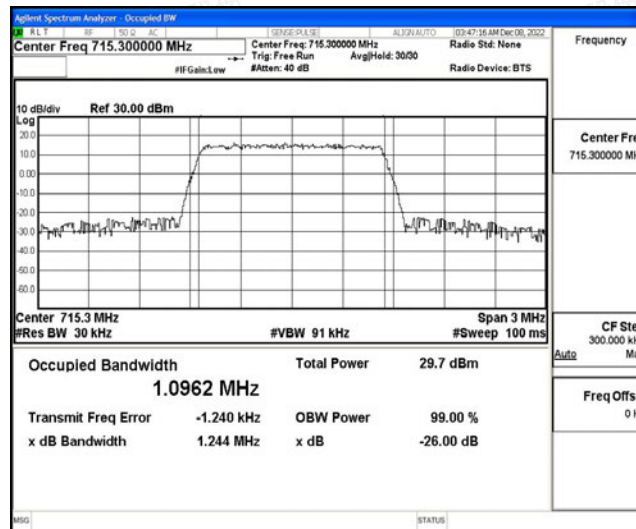


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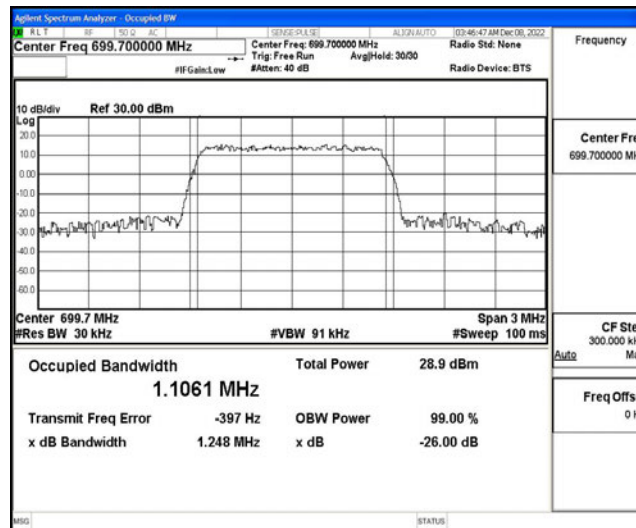
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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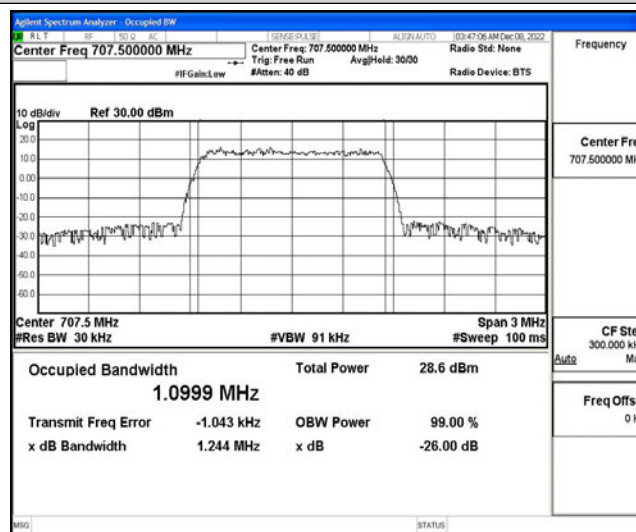
Scan code to check authenticity



Band12-1.4MHz-16QAM-23017-6RB#0



Band12-1.4MHz-16QAM-23095-6RB#0



Band12-1.4MHz-16QAM-23173-6RB#0

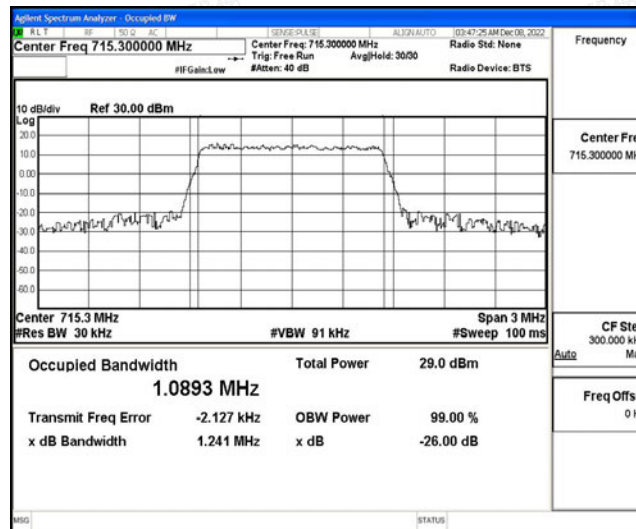


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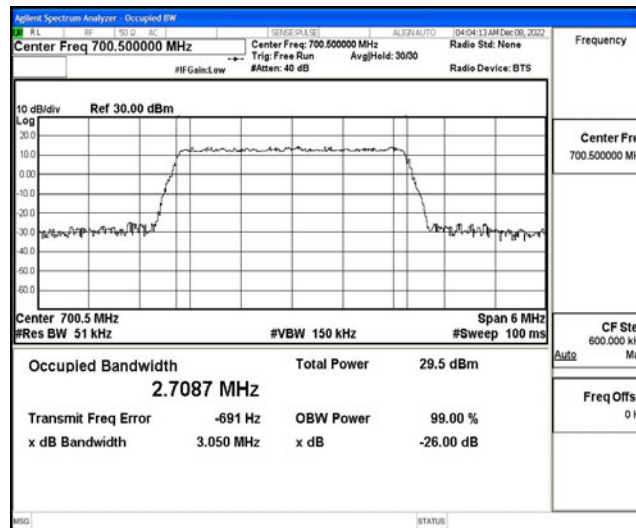
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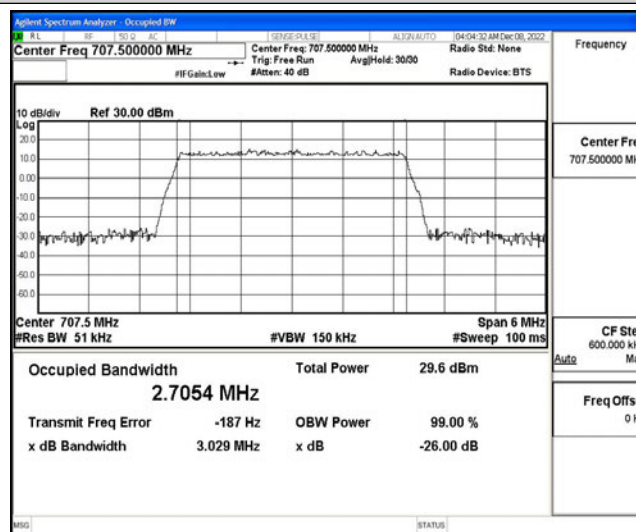
Scan code to check authenticity



Band12-3MHz-QPSK-23025-15RB#0



Band12-3MHz-QPSK-23095-15RB#0



Band12-3MHz-QPSK-23165-15RB#0

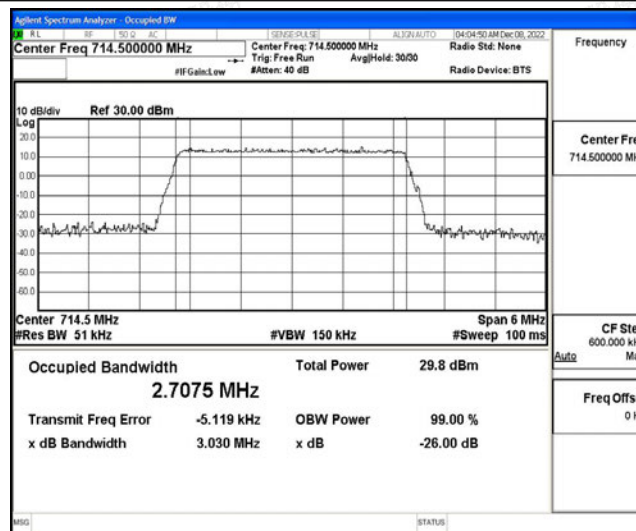


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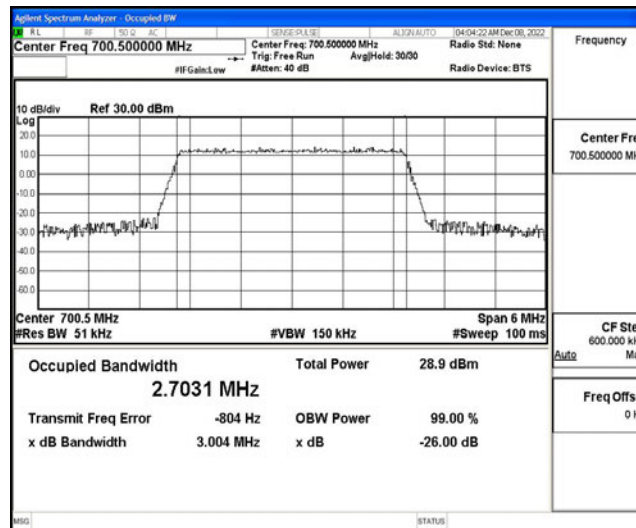
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Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

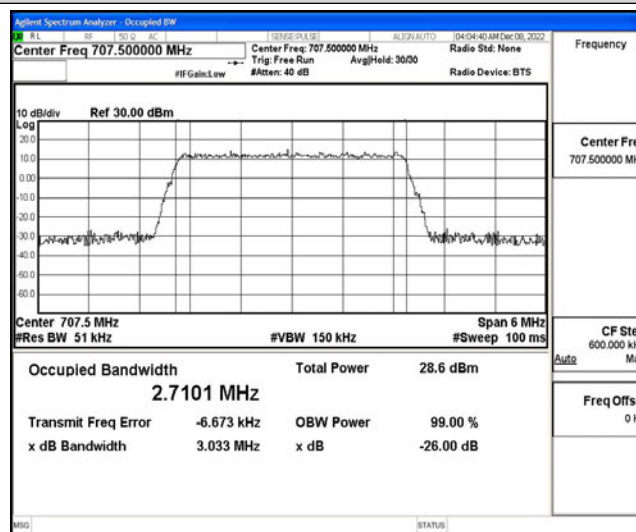
Scan code to check authenticity



Band12-3MHz-16QAM-23025-15RB#0



Band12-3MHz-16QAM-23095-15RB#0



Band12-3MHz-16QAM-23165-15RB#0

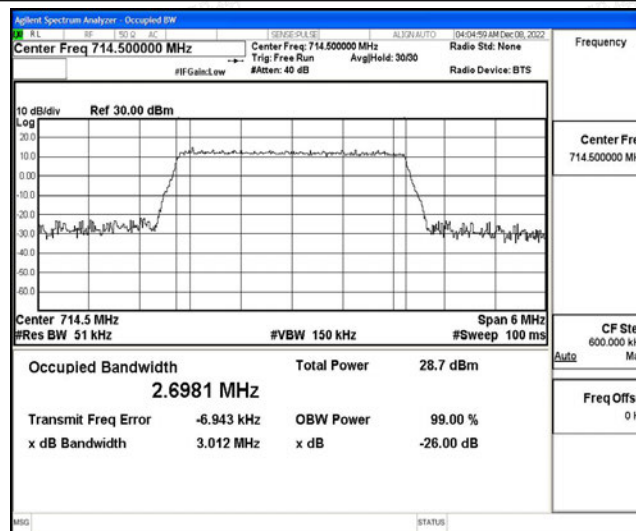


Shenzhen LCS Compliance Testing Laboratory Ltd.

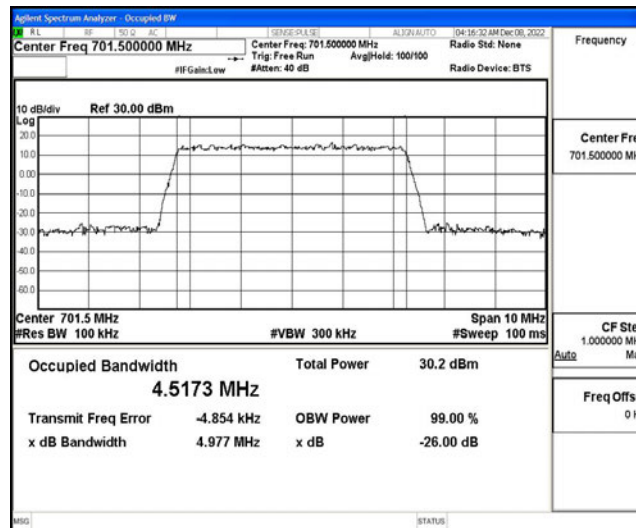
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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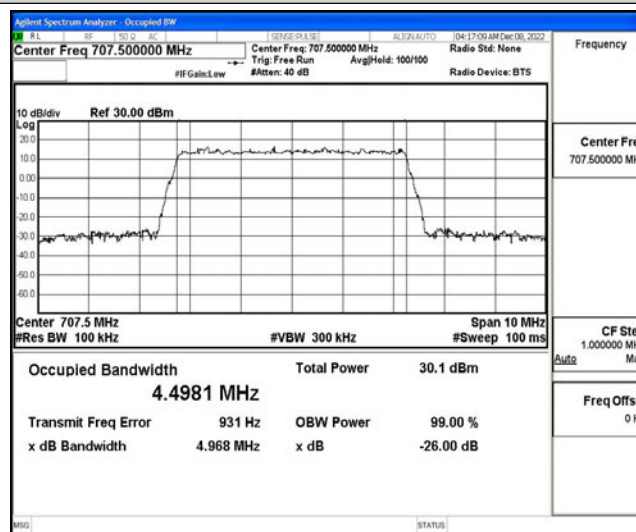
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Band12-5MHz-QPSK-23035-25RB#0



Band12-5MHz-QPSK-23095-25RB#0



Band12-5MHz-QPSK-23155-25RB#0

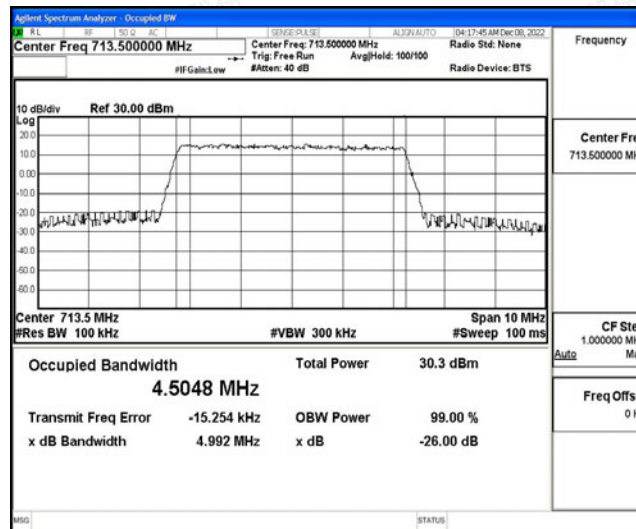


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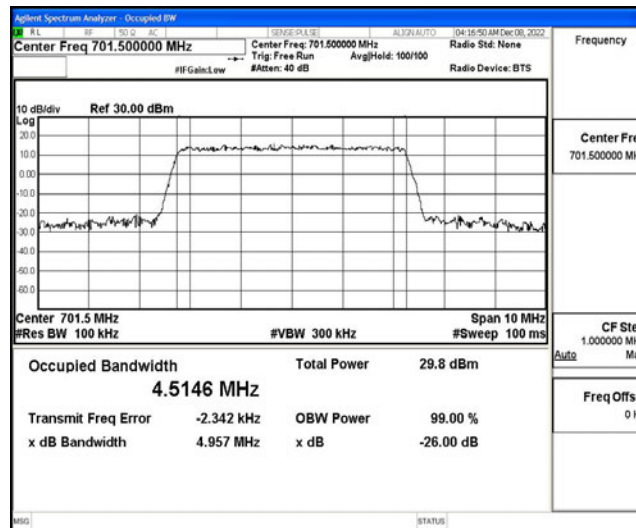
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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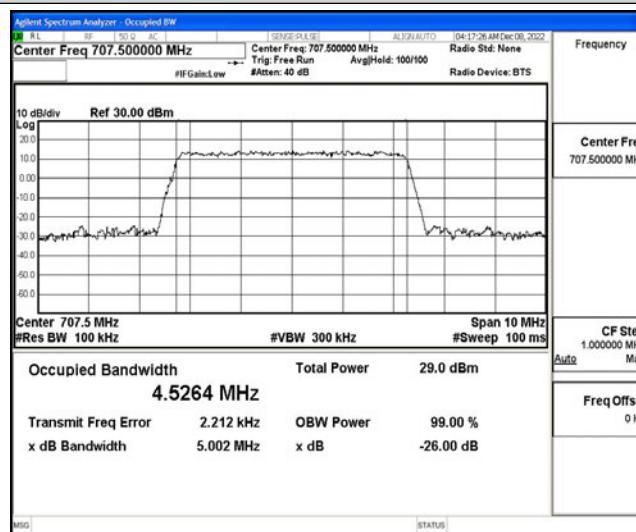
Scan code to check authenticity



Band12-5MHz-16QAM-23035-25RB#0



Band12-5MHz-16QAM-23095-25RB#0



Band12-5MHz-16QAM-23155-25RB#0

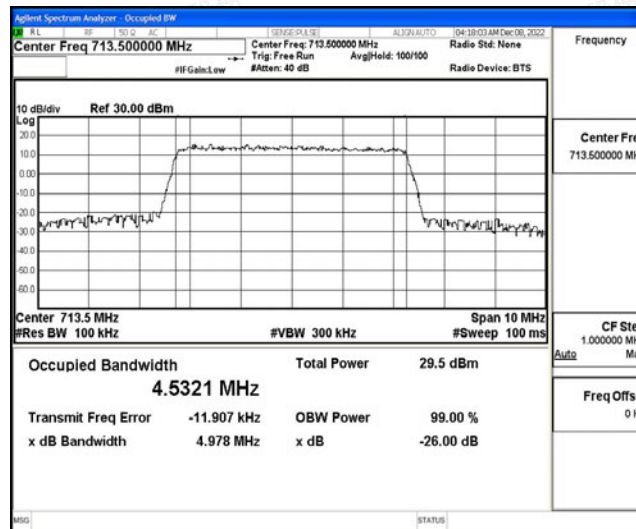


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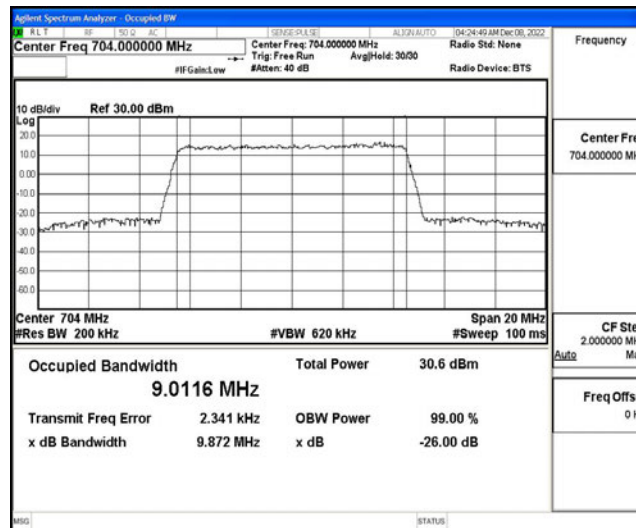
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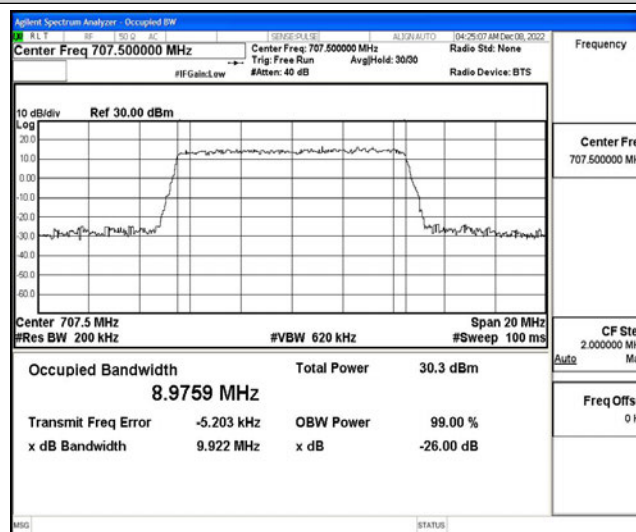
Scan code to check authenticity



Band12-10MHz-QPSK-23060-50RB#0



Band12-10MHz-QPSK-23095-50RB#0



Band12-10MHz-QPSK-23130-50RB#0

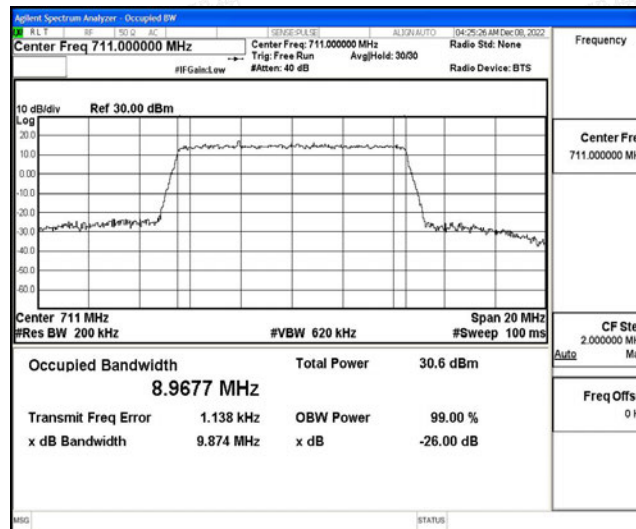


Shenzhen LCS Compliance Testing Laboratory Ltd.

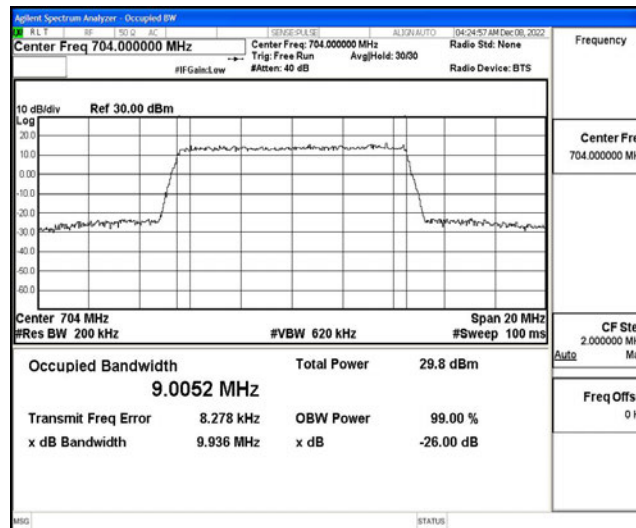
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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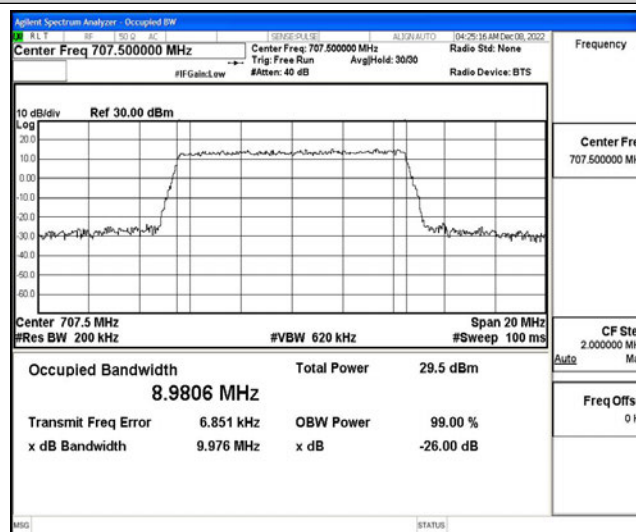
Scan code to check authenticity



Band12-10MHz-16QAM-23060-50RB#0



Band12-10MHz-16QAM-23095-50RB#0



Band12-10MHz-16QAM-23130-50RB#0

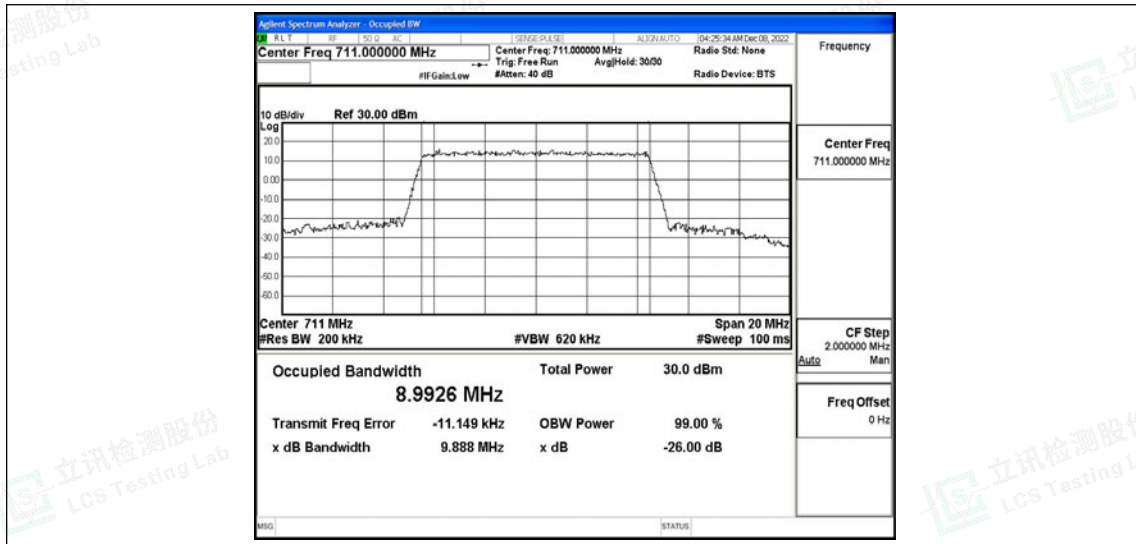


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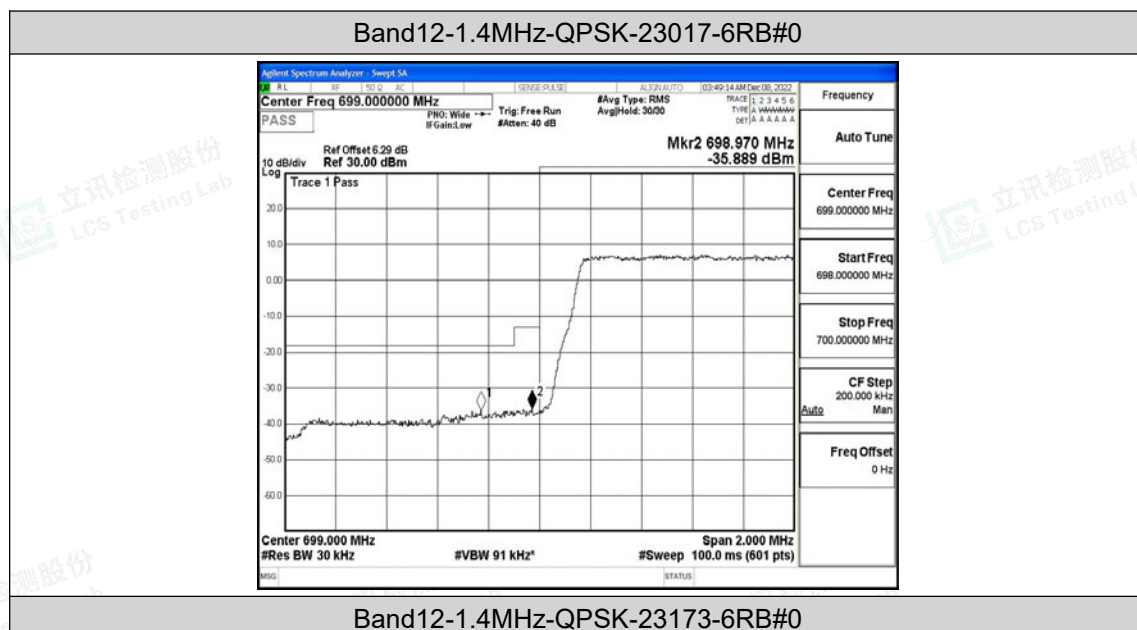


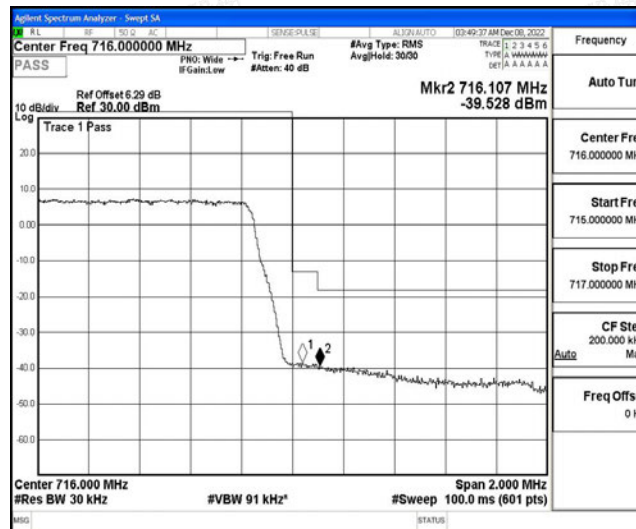
J.4 Band Edge

Test Result

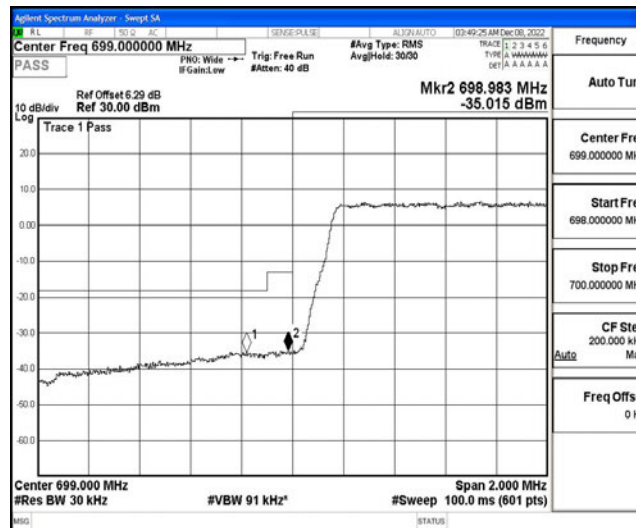
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	-36.24,-35.89	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	-38.50,-39.53	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	-35.37,-35.02	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	-35.59,-36.59	PASS
Band12	3MHz	QPSK	23025	15RB#0	-36.88,-22.71	PASS
Band12	3MHz	QPSK	23165	15RB#0	-23.95,-36.95	PASS
Band12	3MHz	16QAM	23025	15RB#0	-35.96,-24.30	PASS
Band12	3MHz	16QAM	23165	15RB#0	-24.73,-38.39	PASS
Band12	5MHz	QPSK	23035	25RB#0	-28.80	PASS
Band12	5MHz	QPSK	23155	25RB#0	-28.82	PASS
Band12	5MHz	16QAM	23035	25RB#0	-28.31	PASS
Band12	5MHz	16QAM	23155	25RB#0	-30.30	PASS
Band12	10MHz	QPSK	23060	50RB#0	-34.77,-30.46	PASS
Band12	10MHz	QPSK	23130	50RB#0	-31.79,-35.70	PASS
Band12	10MHz	16QAM	23060	50RB#0	-35.04,-31.65	PASS
Band12	10MHz	16QAM	23130	50RB#0	-32.19,-36.26	PASS

Test Graphs

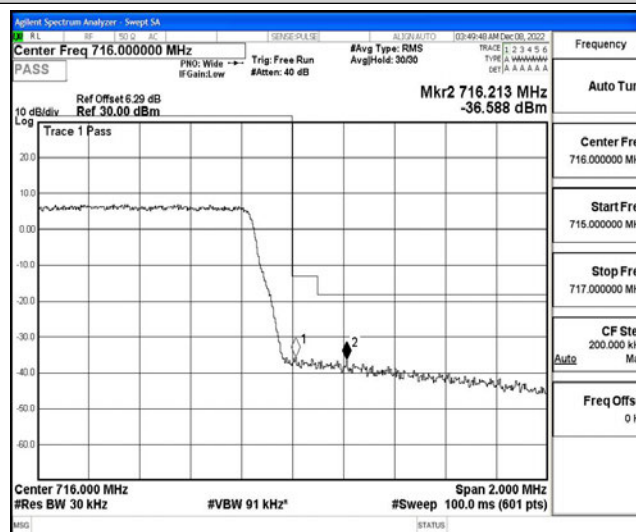




Band12-1.4MHz-16QAM-23017-6RB#0



Band12-1.4MHz-16QAM-23173-6RB#0



Band12-3MHz-QPSK-23025-15RB#0

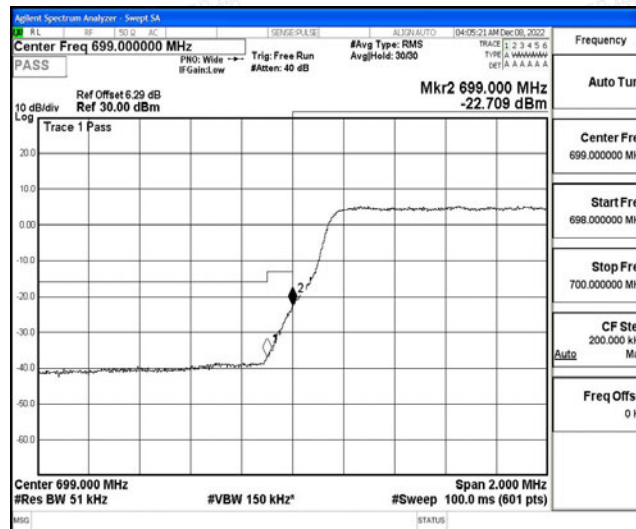


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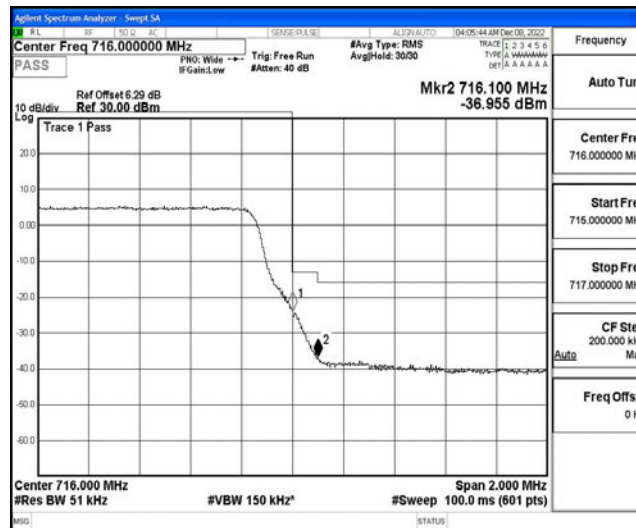
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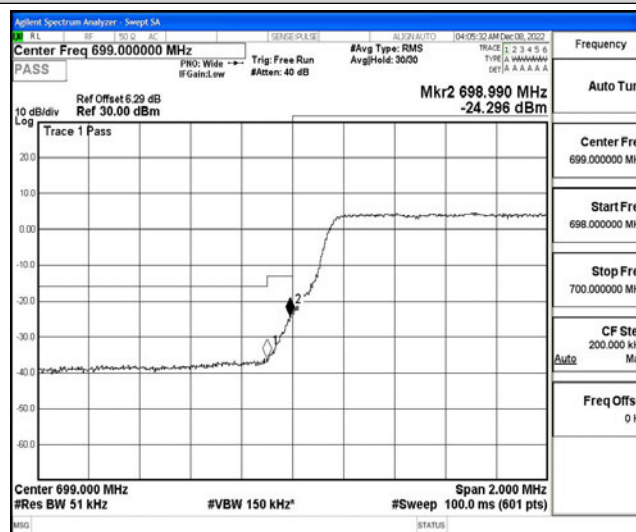
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Band12-3MHz-QPSK-23165-15RB#0



Band12-3MHz-16QAM-23025-15RB#0



Band12-3MHz-16QAM-23165-15RB#0

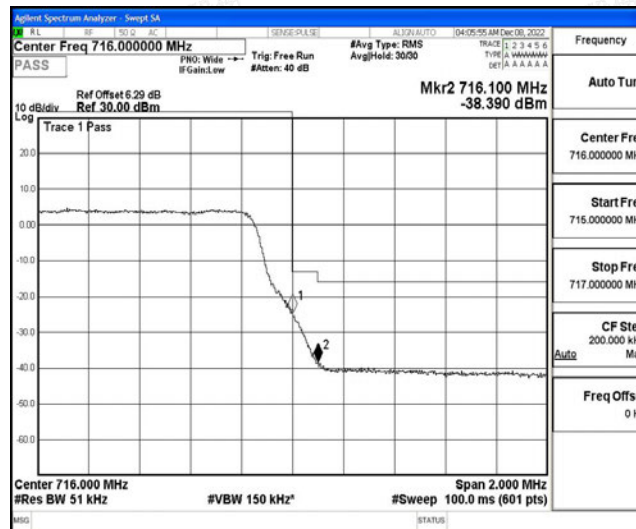


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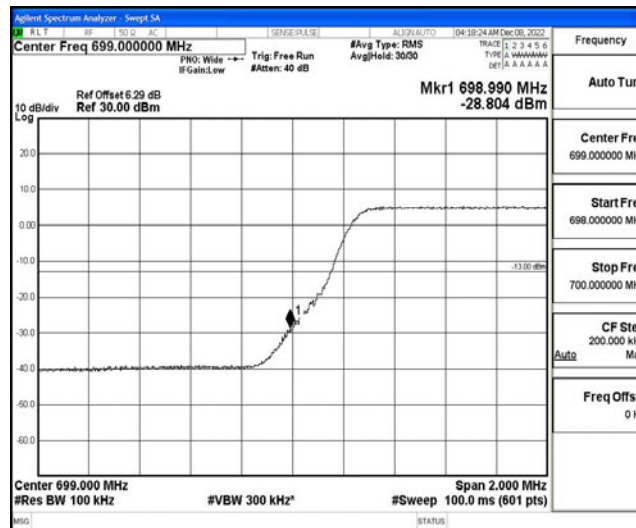
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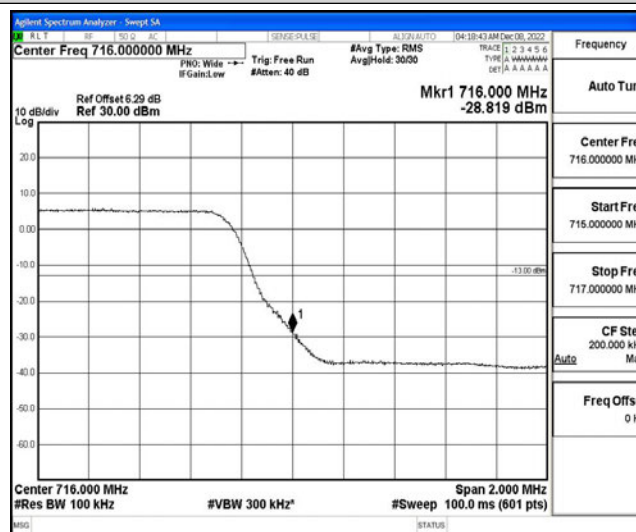
Scan code to check authenticity



Band12-5MHz-QPSK-23035-25RB#0



Band12-5MHz-QPSK-23155-25RB#0



Band12-5MHz-16QAM-23035-25RB#0

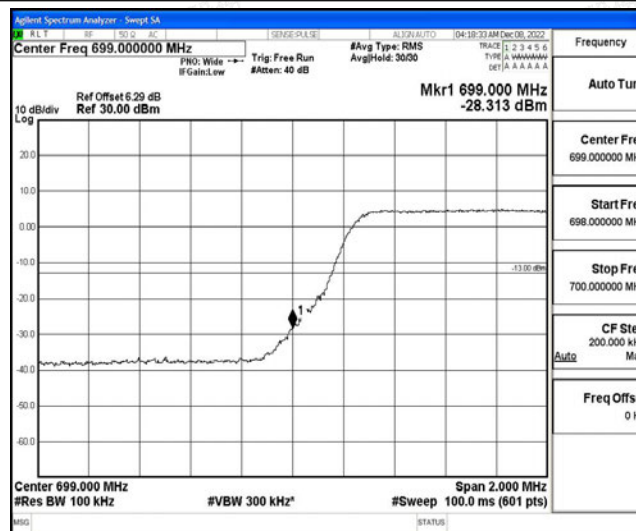


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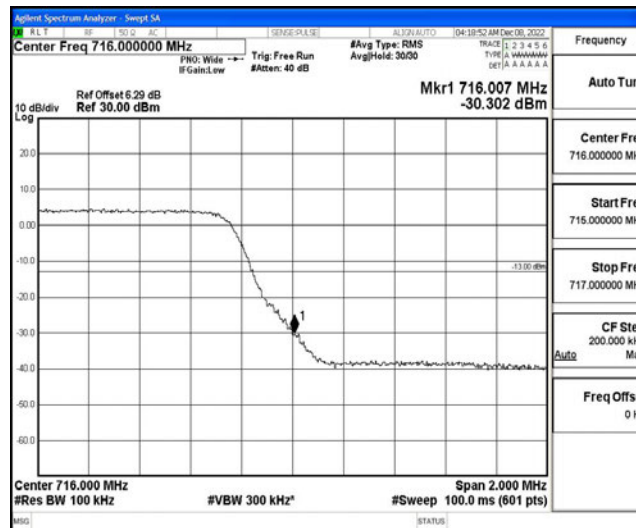
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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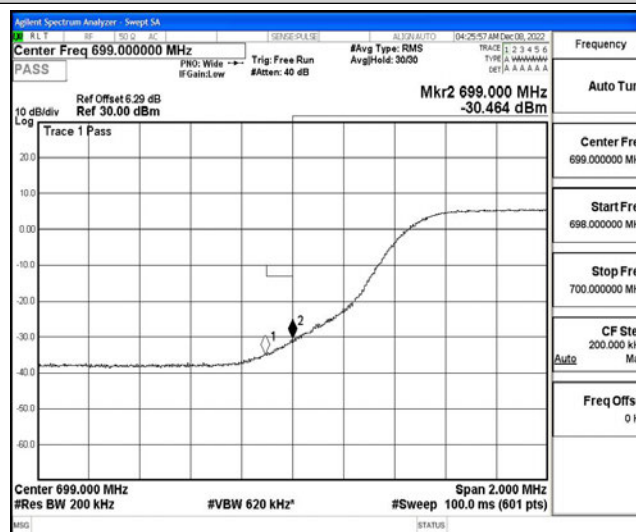
Scan code to check authenticity



Band12-5MHz-16QAM-23155-25RB#0



Band12-10MHz-QPSK-23060-50RB#0



Band12-10MHz-QPSK-23130-50RB#0

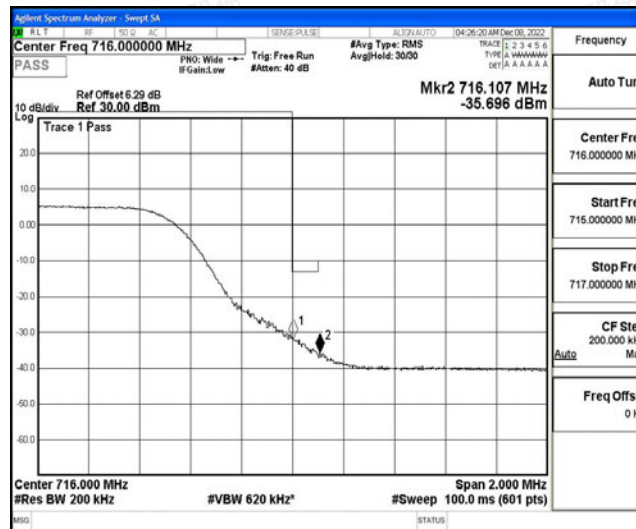


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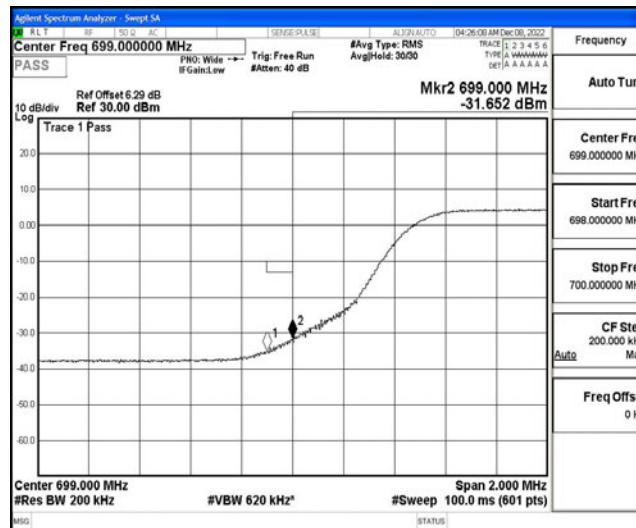
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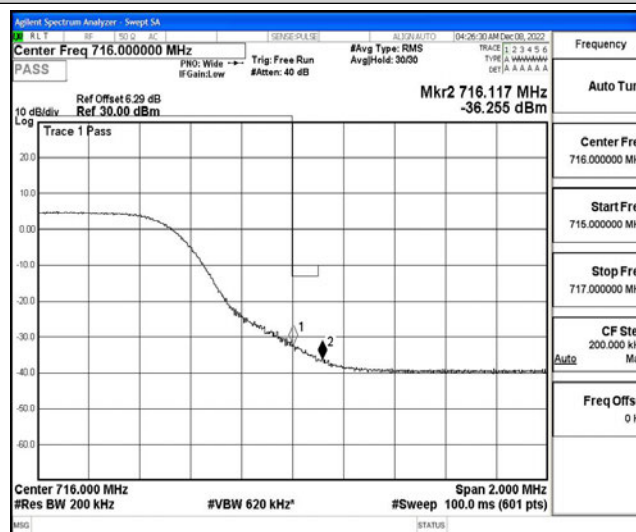
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Band12-10MHz-16QAM-23060-50RB#0



Band12-10MHz-16QAM-23130-50RB#0



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J.5 Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	Range1:0.009~0.15MHz	-55.58	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	Range2:0.15~30MHz	-51.7	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	Range3:30~1000MHz	-40.92	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	Range4:1000~10000MHz	-41.34	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	Range1:0.009~0.15MHz	-55.88	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	Range2:0.15~30MHz	-51.58	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	Range3:30~1000MHz	-40.45	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	Range4:1000~10000MHz	-44.76	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	Range1:0.009~0.15MHz	-54.03	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	Range2:0.15~30MHz	-53.11	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	Range3:30~1000MHz	-40.07	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	Range4:1000~10000MHz	-42.81	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	Range1:0.009~0.15MHz	-56.08	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	Range2:0.15~30MHz	-52.52	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	Range3:30~1000MHz	-41.22	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	Range4:1000~10000MHz	-41.24	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	Range1:0.009~0.15MHz	-54.49	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	Range2:0.15~30MHz	-49.97	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	Range3:30~1000MHz	-40.93	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	Range4:1000~10000MHz	-44.79	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	Range1:0.009~0.15MHz	-55.05	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	Range2:0.15~30MHz	-50.14	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	Range3:30~1000MHz	-40.93	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	Range4:1000~10000MHz	-42.81	PASS
Band12	3MHz	QPSK	23025	1RB#0	Range1:0.009~0.15MHz	-55.56	PASS
Band12	3MHz	QPSK	23025	1RB#0	Range2:0.15~30MHz	-50.79	PASS
Band12	3MHz	QPSK	23025	1RB#0	Range3:30~1000MHz	-39.58	PASS
Band12	3MHz	QPSK	23025	1RB#0	Range4:1000~10000MHz	-41.31	PASS
Band12	3MHz	QPSK	23095	1RB#0	Range1:0.009~0.15MHz	-55.56	PASS
Band12	3MHz	QPSK	23095	1RB#0	Range2:0.15~30MHz	-51.54	PASS
Band12	3MHz	QPSK	23095	1RB#0	Range3:30~1000MHz	-40.22	PASS
Band12	3MHz	QPSK	23095	1RB#0	Range4:1000~10000MHz	-44.55	PASS



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Band12	3MHz	QPSK	23165	1RB#0	Range1:0.009~0.15MHz	-56.01	PASS
Band12	3MHz	QPSK	23165	1RB#0	Range2:0.15~30MHz	-53.14	PASS
Band12	3MHz	QPSK	23165	1RB#0	Range3:30~1000MHz	-40.65	PASS
Band12	3MHz	QPSK	23165	1RB#0	Range4:1000~10000MHz	-41.63	PASS
Band12	3MHz	16QAM	23025	1RB#0	Range1:0.009~0.15MHz	-55.17	PASS
Band12	3MHz	16QAM	23025	1RB#0	Range2:0.15~30MHz	-51.04	PASS
Band12	3MHz	16QAM	23025	1RB#0	Range3:30~1000MHz	-40.53	PASS
Band12	3MHz	16QAM	23025	1RB#0	Range4:1000~10000MHz	-41.43	PASS
Band12	3MHz	16QAM	23095	1RB#0	Range1:0.009~0.15MHz	-53.68	PASS
Band12	3MHz	16QAM	23095	1RB#0	Range2:0.15~30MHz	-52.16	PASS
Band12	3MHz	16QAM	23095	1RB#0	Range3:30~1000MHz	-41.3	PASS
Band12	3MHz	16QAM	23095	1RB#0	Range4:1000~10000MHz	-44.89	PASS
Band12	3MHz	16QAM	23165	1RB#0	Range1:0.009~0.15MHz	-54.63	PASS
Band12	3MHz	16QAM	23165	1RB#0	Range2:0.15~30MHz	-50.48	PASS
Band12	3MHz	16QAM	23165	1RB#0	Range3:30~1000MHz	-40.11	PASS
Band12	3MHz	16QAM	23165	1RB#0	Range4:1000~10000MHz	-42.52	PASS
Band12	5MHz	QPSK	23035	1RB#0	Range1:0.009~0.15MHz	-53.43	PASS
Band12	5MHz	QPSK	23035	1RB#0	Range2:0.15~30MHz	-49.5	PASS
Band12	5MHz	QPSK	23035	1RB#0	Range3:30~1000MHz	-40.41	PASS
Band12	5MHz	QPSK	23035	1RB#0	Range4:1000~10000MHz	-40.81	PASS
Band12	5MHz	QPSK	23095	1RB#0	Range1:0.009~0.15MHz	-55.55	PASS
Band12	5MHz	QPSK	23095	1RB#0	Range2:0.15~30MHz	-50.33	PASS
Band12	5MHz	QPSK	23095	1RB#0	Range3:30~1000MHz	-40.92	PASS
Band12	5MHz	QPSK	23095	1RB#0	Range4:1000~10000MHz	-43.95	PASS
Band12	5MHz	QPSK	23155	1RB#0	Range1:0.009~0.15MHz	-55.43	PASS
Band12	5MHz	QPSK	23155	1RB#0	Range2:0.15~30MHz	-50.75	PASS
Band12	5MHz	QPSK	23155	1RB#0	Range3:30~1000MHz	-41.21	PASS
Band12	5MHz	QPSK	23155	1RB#0	Range4:1000~10000MHz	-42.7	PASS
Band12	5MHz	16QAM	23035	1RB#0	Range1:0.009~0.15MHz	-56.62	PASS
Band12	5MHz	16QAM	23035	1RB#0	Range2:0.15~30MHz	-51.8	PASS
Band12	5MHz	16QAM	23035	1RB#0	Range3:30~1000MHz	-40.26	PASS
Band12	5MHz	16QAM	23035	1RB#0	Range4:1000~10000MHz	-41.45	PASS
Band12	5MHz	16QAM	23095	1RB#0	Range1:0.009~0.15MHz	-56.22	PASS
Band12	5MHz	16QAM	23095	1RB#0	Range2:0.15~30MHz	-51.17	PASS
Band12	5MHz	16QAM	23095	1RB#0	Range3:30~1000MHz	-40.46	PASS
Band12	5MHz	16QAM	23095	1RB#0	Range4:1000~10000MHz	-44.47	PASS
Band12	5MHz	16QAM	23155	1RB#0	Range1:0.009~0.15MHz	-55.38	PASS
Band12	5MHz	16QAM	23155	1RB#0	Range2:0.15~30MHz	-51.73	PASS
Band12	5MHz	16QAM	23155	1RB#0	Range3:30~1000MHz	-41.07	PASS
Band12	5MHz	16QAM	23155	1RB#0	Range4:1000~10000MHz	-43.11	PASS



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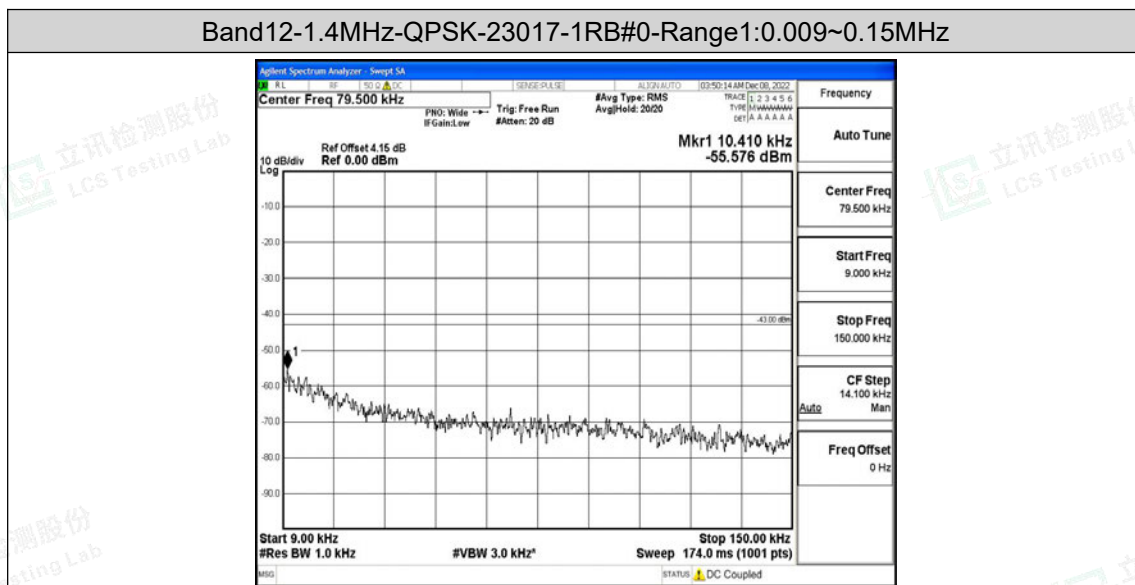
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Band12	10MHz	QPSK	23060	1RB#0	Range1:0.009~0.15MHz	-56.26	PASS
Band12	10MHz	QPSK	23060	1RB#0	Range2:0.15~30MHz	-51.71	PASS
Band12	10MHz	QPSK	23060	1RB#0	Range3:30~1000MHz	-40.92	PASS
Band12	10MHz	QPSK	23060	1RB#0	Range4:1000~10000MHz	-41.21	PASS
Band12	10MHz	QPSK	23095	1RB#0	Range1:0.009~0.15MHz	-56.48	PASS
Band12	10MHz	QPSK	23095	1RB#0	Range2:0.15~30MHz	-50.86	PASS
Band12	10MHz	QPSK	23095	1RB#0	Range3:30~1000MHz	-40.42	PASS
Band12	10MHz	QPSK	23095	1RB#0	Range4:1000~10000MHz	-42.8	PASS
Band12	10MHz	QPSK	23130	1RB#0	Range1:0.009~0.15MHz	-56.47	PASS
Band12	10MHz	QPSK	23130	1RB#0	Range2:0.15~30MHz	-51.04	PASS
Band12	10MHz	QPSK	23130	1RB#0	Range3:30~1000MHz	-40.74	PASS
Band12	10MHz	QPSK	23130	1RB#0	Range4:1000~10000MHz	-44.81	PASS
Band12	10MHz	16QAM	23060	1RB#0	Range1:0.009~0.15MHz	-56.65	PASS
Band12	10MHz	16QAM	23060	1RB#0	Range2:0.15~30MHz	-51.72	PASS
Band12	10MHz	16QAM	23060	1RB#0	Range3:30~1000MHz	-41.07	PASS
Band12	10MHz	16QAM	23060	1RB#0	Range4:1000~10000MHz	-41.98	PASS
Band12	10MHz	16QAM	23095	1RB#0	Range1:0.009~0.15MHz	-54.94	PASS
Band12	10MHz	16QAM	23095	1RB#0	Range2:0.15~30MHz	-50.89	PASS
Band12	10MHz	16QAM	23095	1RB#0	Range3:30~1000MHz	-40.78	PASS
Band12	10MHz	16QAM	23095	1RB#0	Range4:1000~10000MHz	-43.62	PASS
Band12	10MHz	16QAM	23130	1RB#0	Range1:0.009~0.15MHz	-54.2	PASS
Band12	10MHz	16QAM	23130	1RB#0	Range2:0.15~30MHz	-51.12	PASS
Band12	10MHz	16QAM	23130	1RB#0	Range3:30~1000MHz	-40.87	PASS
Band12	10MHz	16QAM	23130	1RB#0	Range4:1000~10000MHz	-44.79	PASS

Test Graphs



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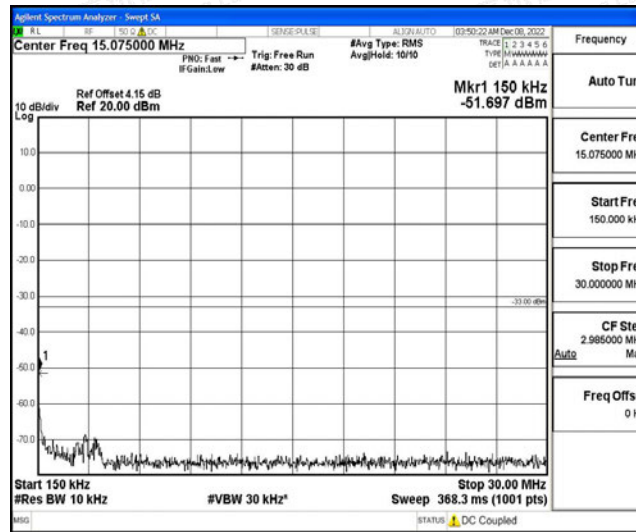
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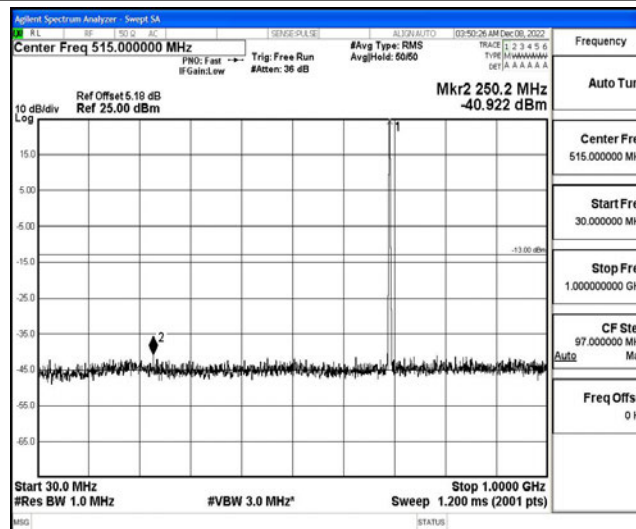
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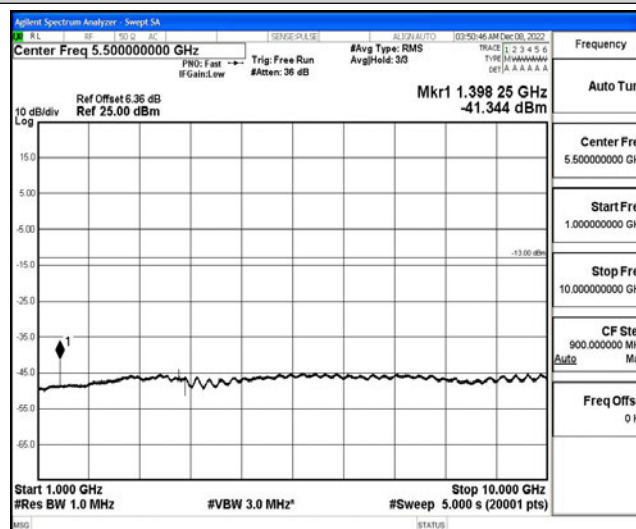
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Band12-1.4MHz-QPSK-23017-1RB#0-Range3:30~1000MHz



Band12-1.4MHz-QPSK-23017-1RB#0-Range4:1000~10000MHz



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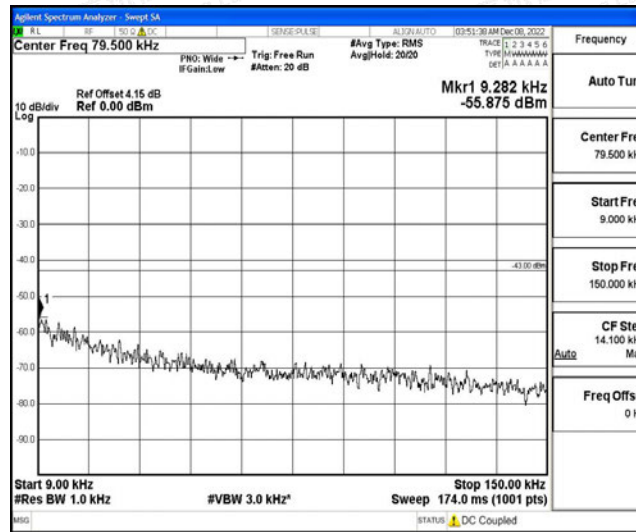
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

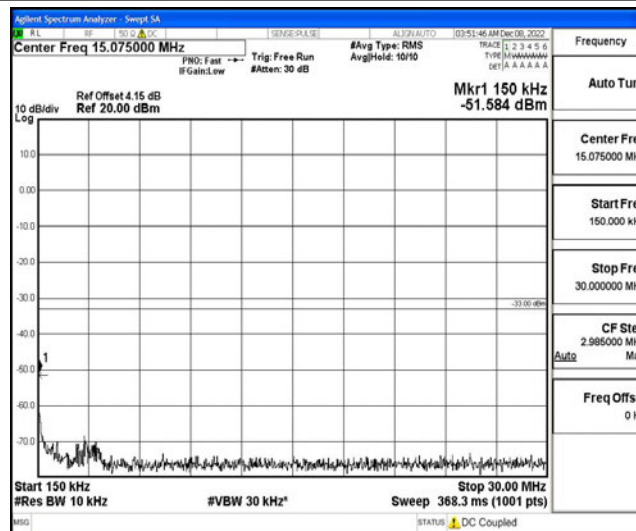
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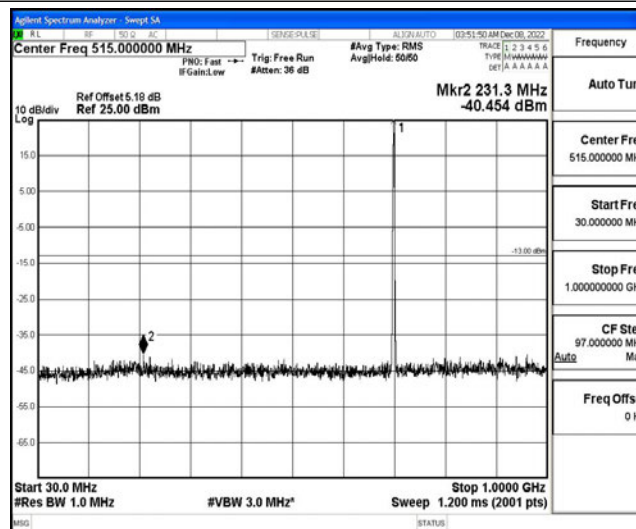
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Band12-1.4MHz-QPSK-23095-1RB#0-Range2:0.15~30MHz



Band12-1.4MHz-QPSK-23095-1RB#0-Range3:30~1000MHz



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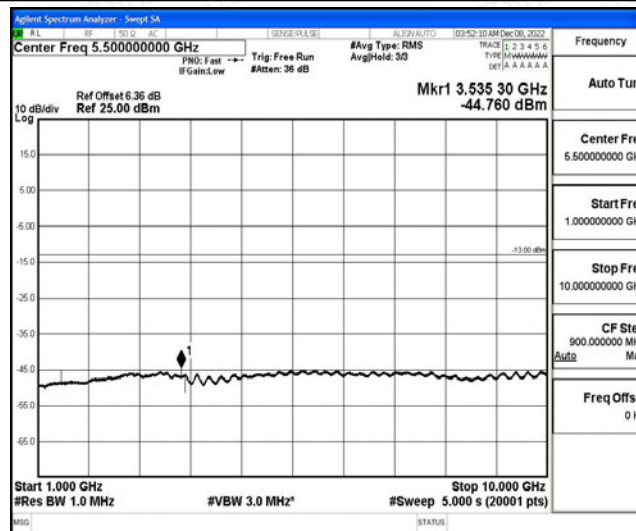
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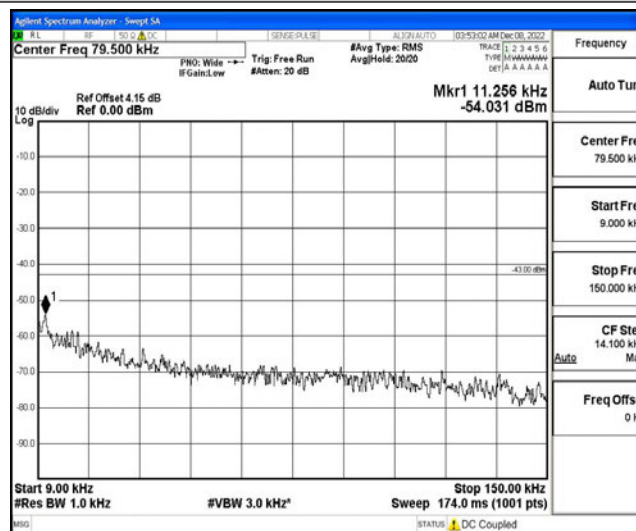
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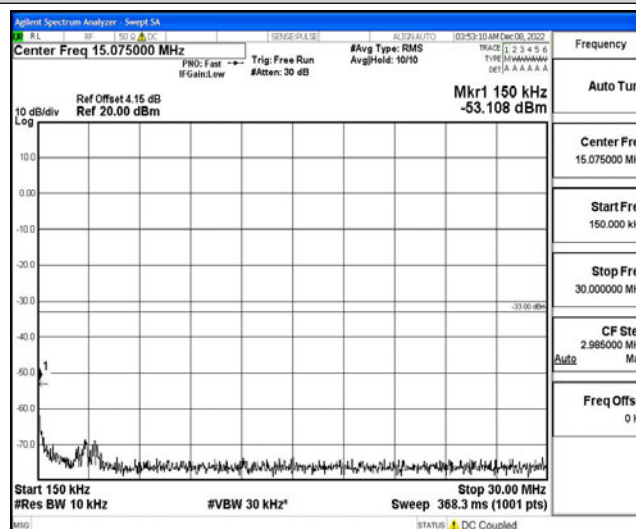
Band12-1.4MHz-QPSK-23095-1RB#0-Range4:1000~10000MHz



Band12-1.4MHz-QPSK-23173-1RB#0-Range1:0.009~0.15MHz



Band12-1.4MHz-QPSK-23173-1RB#0-Range2:0.15~30MHz



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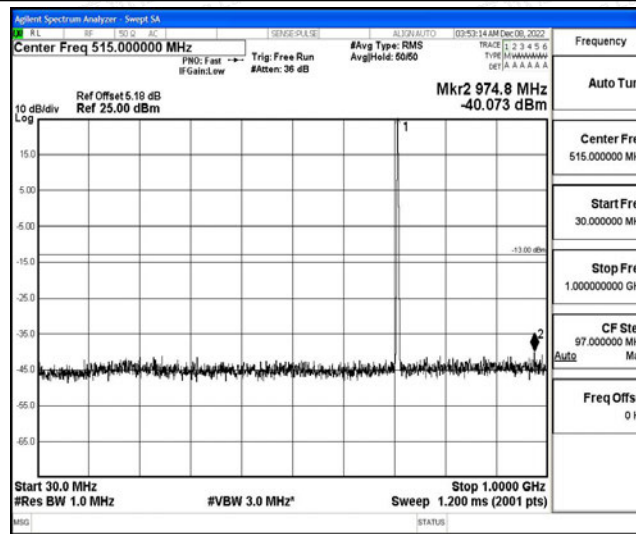
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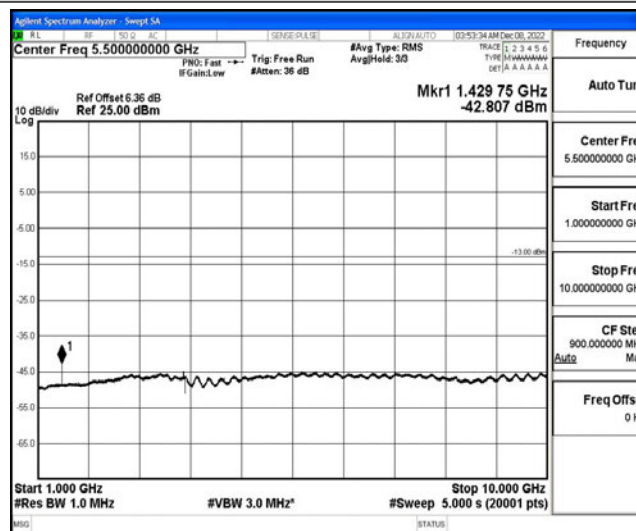
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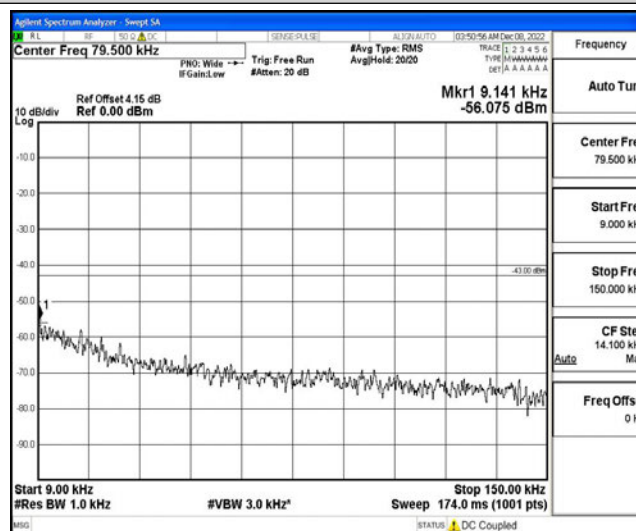
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Band12-1.4MHz-QPSK-23173-1RB#0-Range4:1000~10000MHz



Band12-1.4MHz-16QAM-23017-1RB#0-Range1:0.009~0.15MHz



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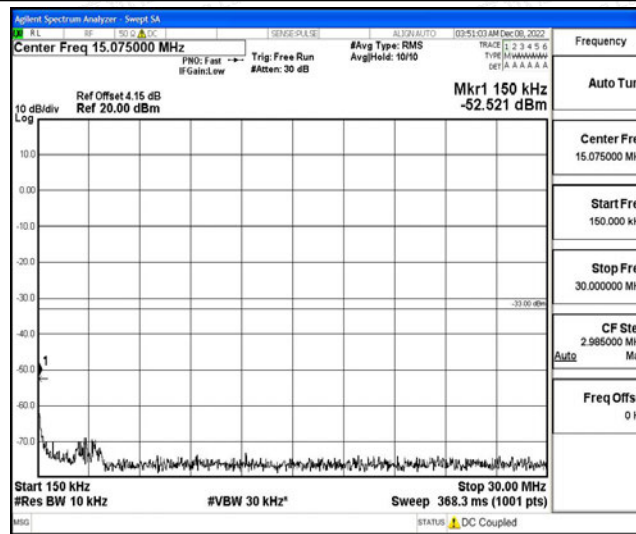
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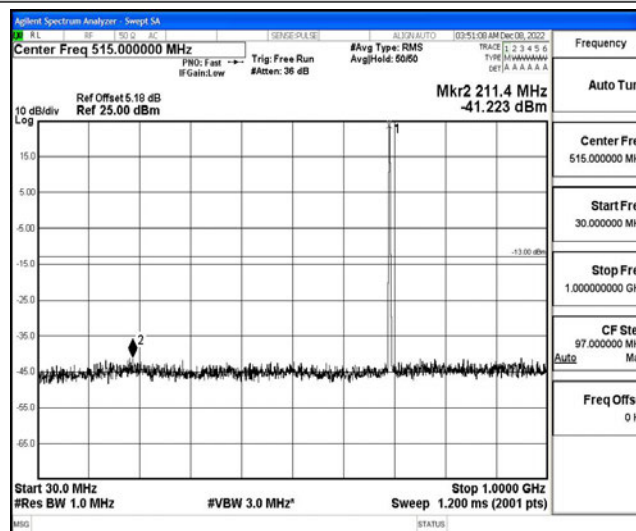
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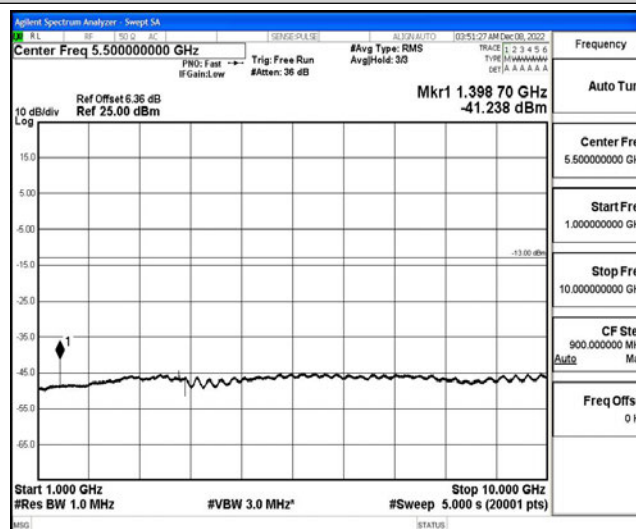
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Band12-1.4MHz-16QAM-23017-1RB#0-Range3:30~1000MHz



Band12-1.4MHz-16QAM-23017-1RB#0-Range4:1000~10000MHz



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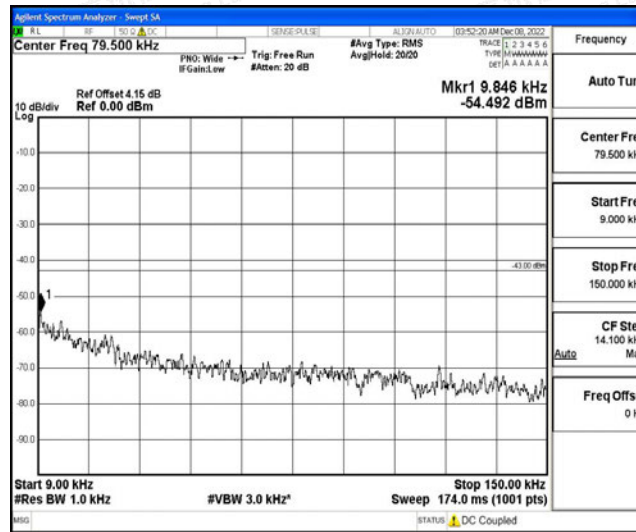
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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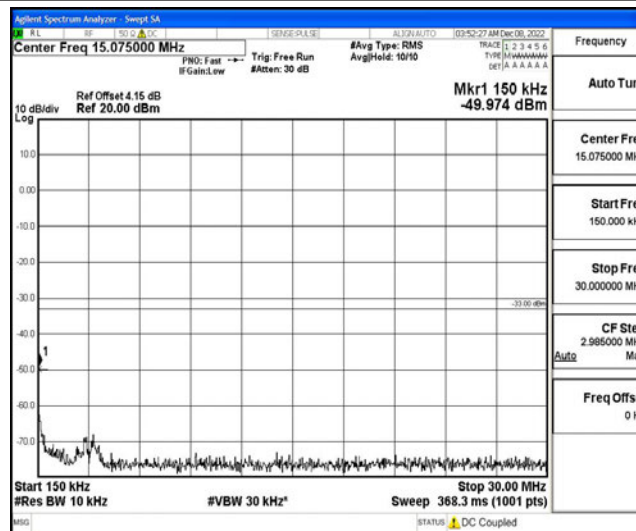
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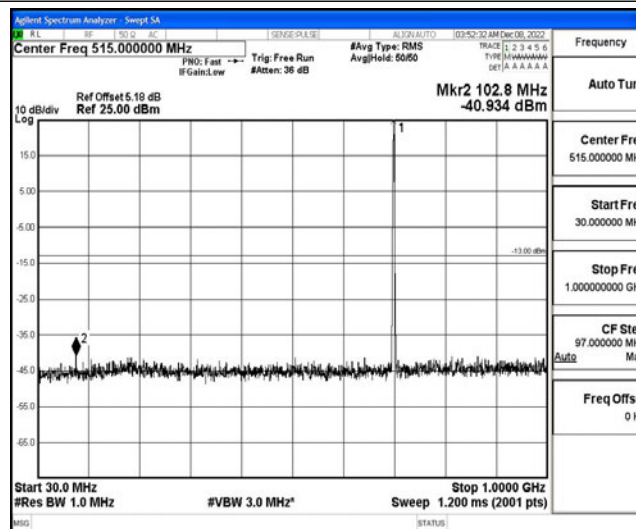
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Band12-1.4MHz-16QAM-23095-1RB#0-Range2:0.15~30MHz



Band12-1.4MHz-16QAM-23095-1RB#0-Range3:30~1000MHz



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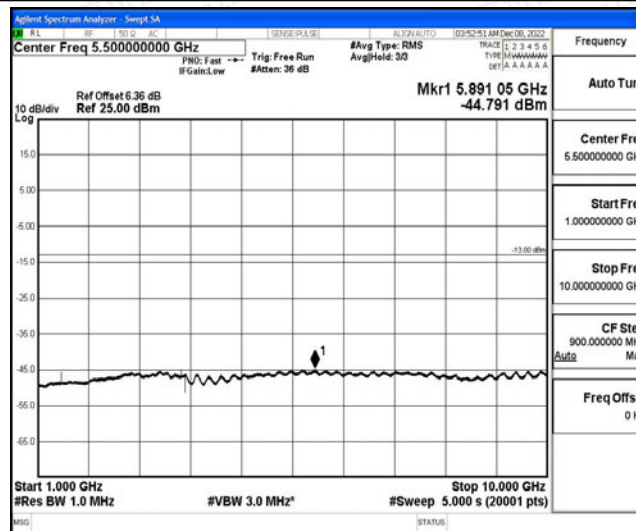
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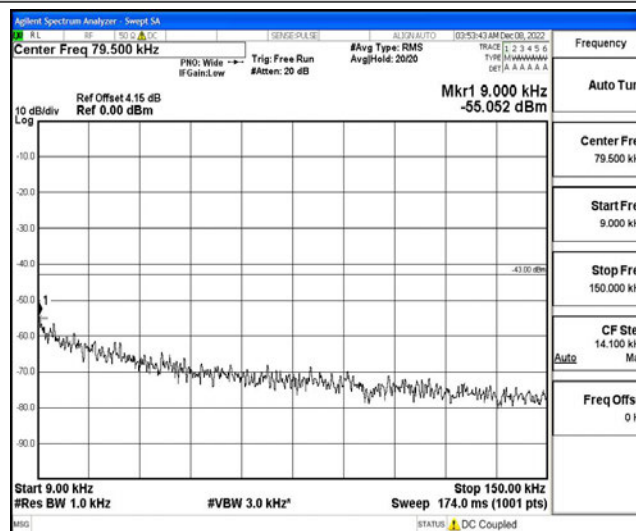
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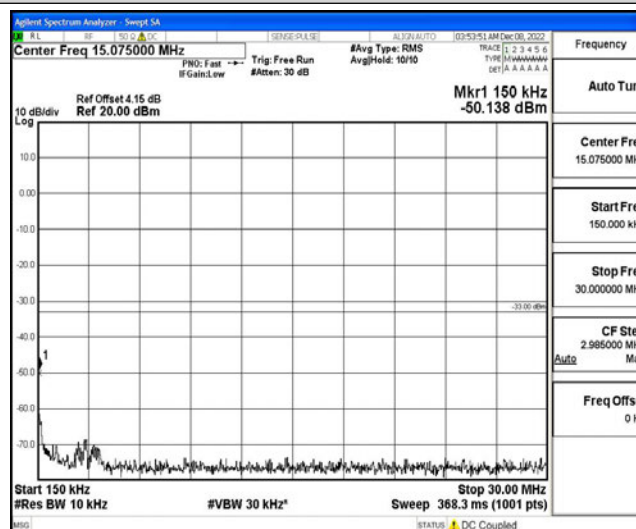
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Band12-1.4MHz-16QAM-23173-1RB#0-Range2:0.15~30MHz



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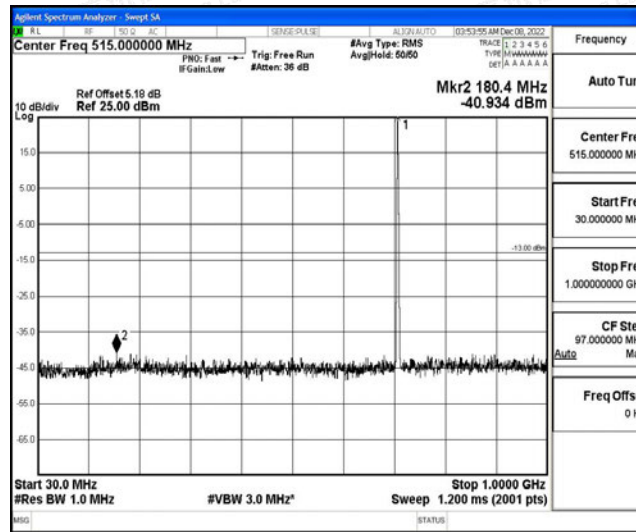
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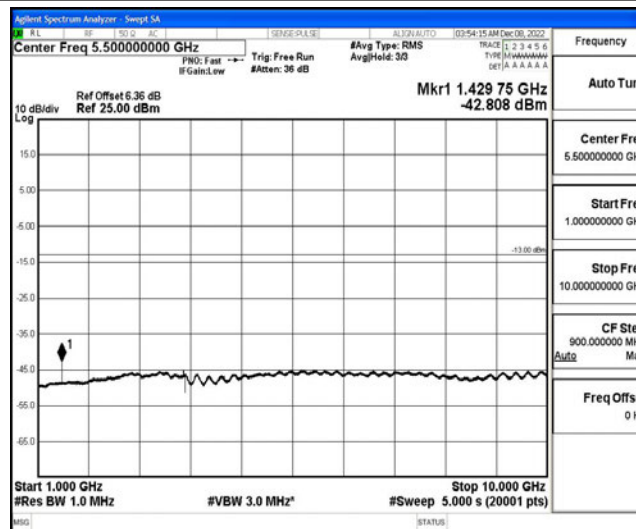
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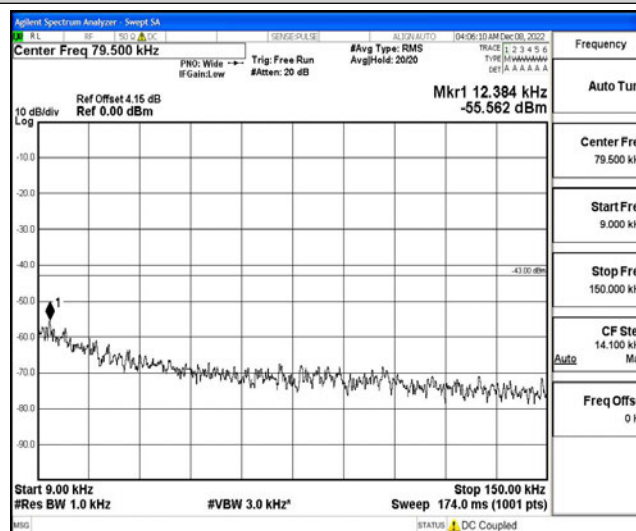
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Band12-3MHz-QPSK-23025-1RB#0-Range1:0.009~0.15MHz



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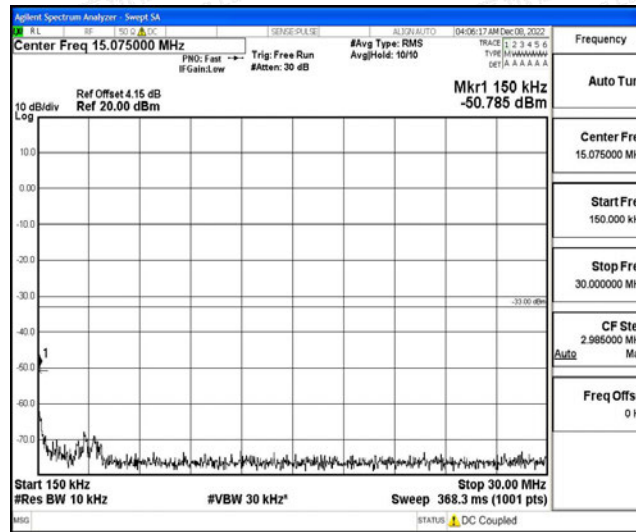
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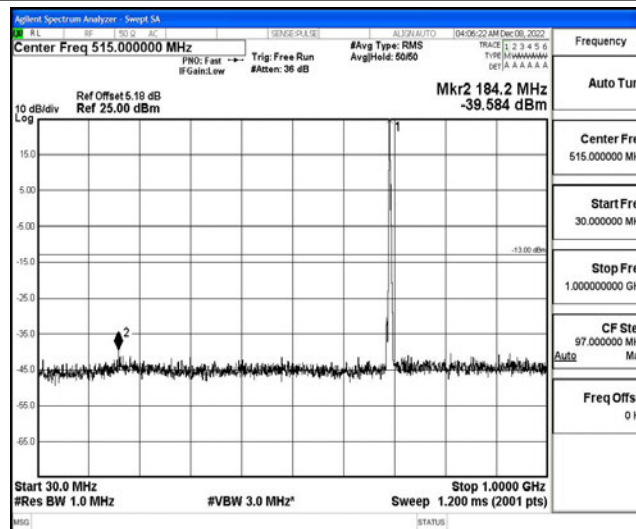
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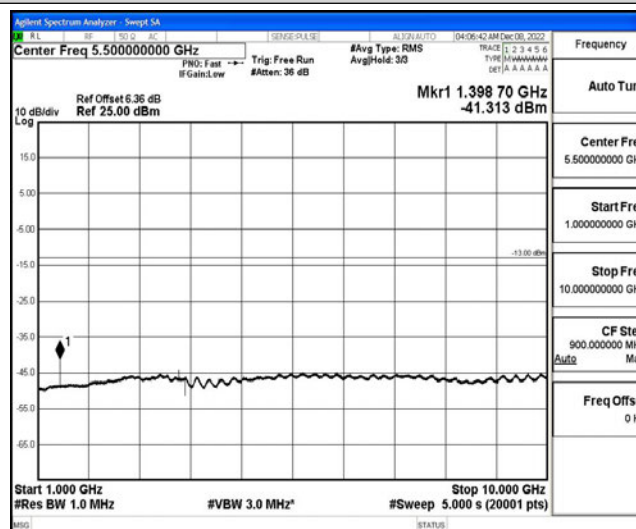
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Band12-3MHz-QPSK-23025-1RB#0-Range4:1000~10000MHz



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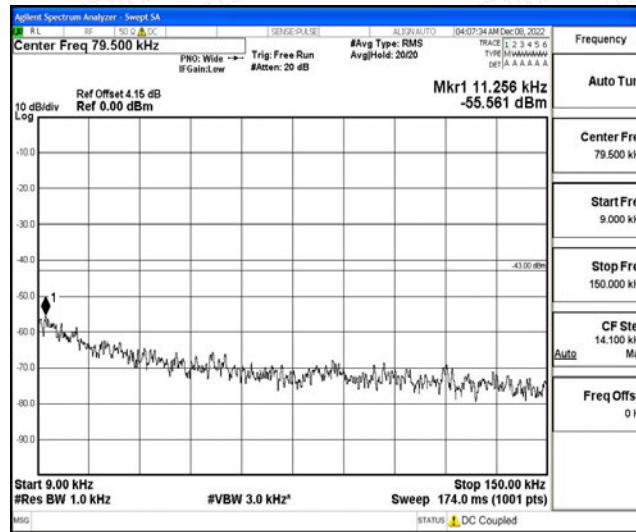
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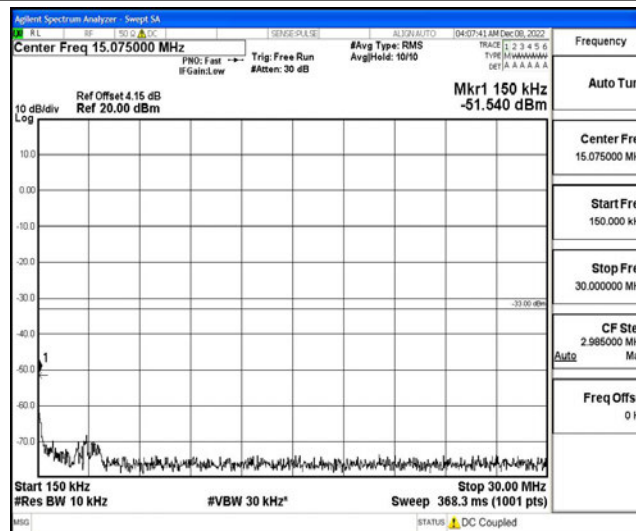
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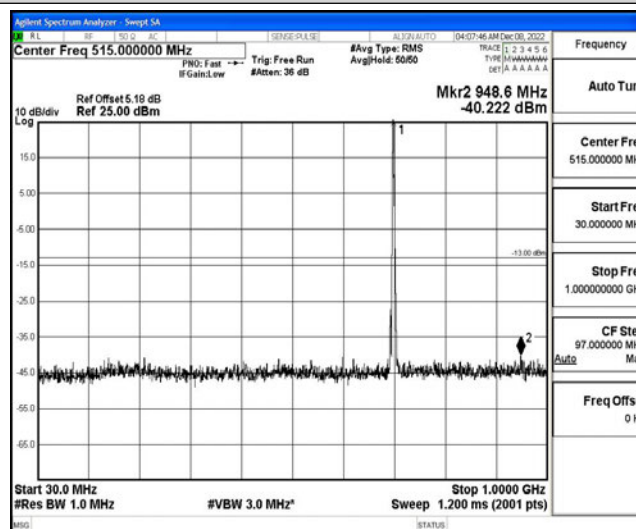
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Band12-3MHz-QPSK-23095-1RB#0-Range2:0.15~30MHz



Band12-3MHz-QPSK-23095-1RB#0-Range3:30~1000MHz



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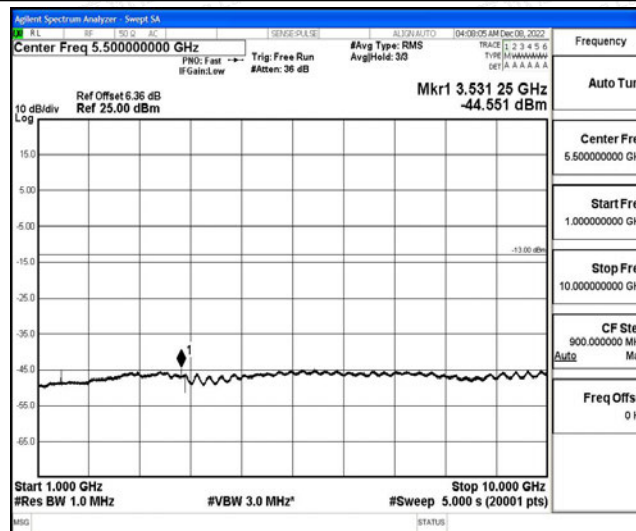
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

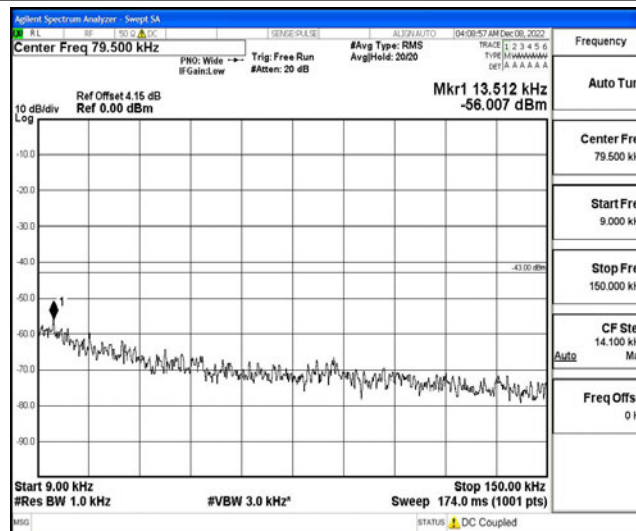
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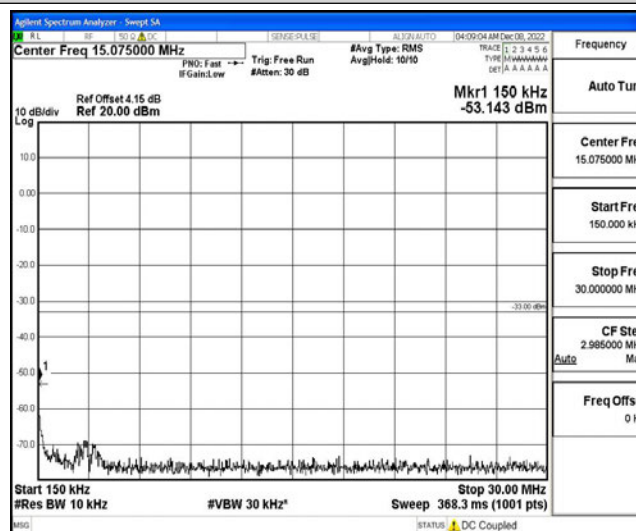
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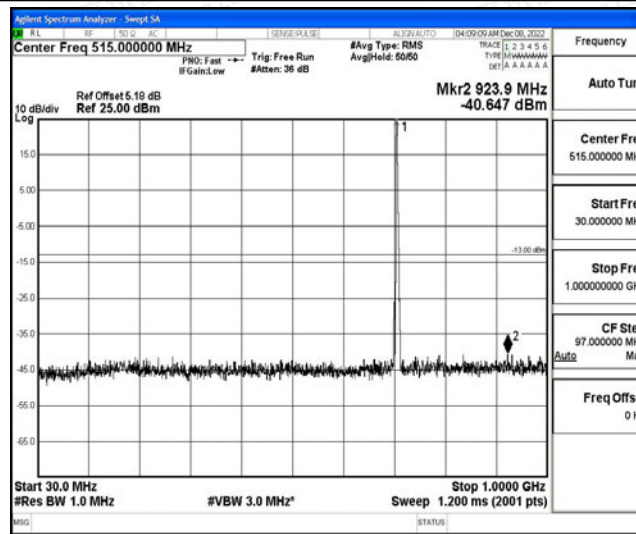
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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

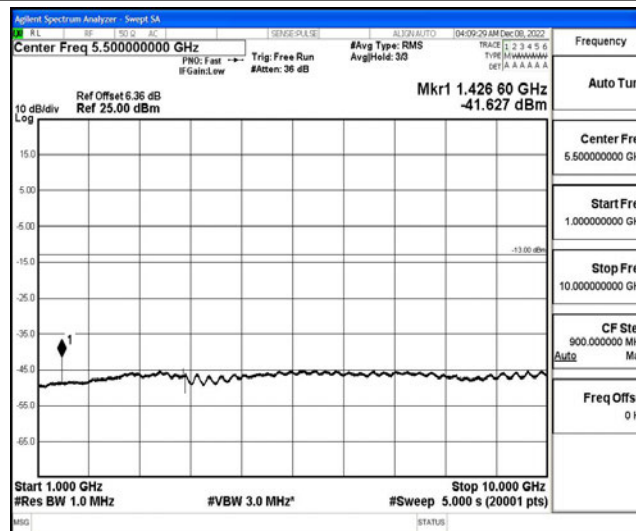
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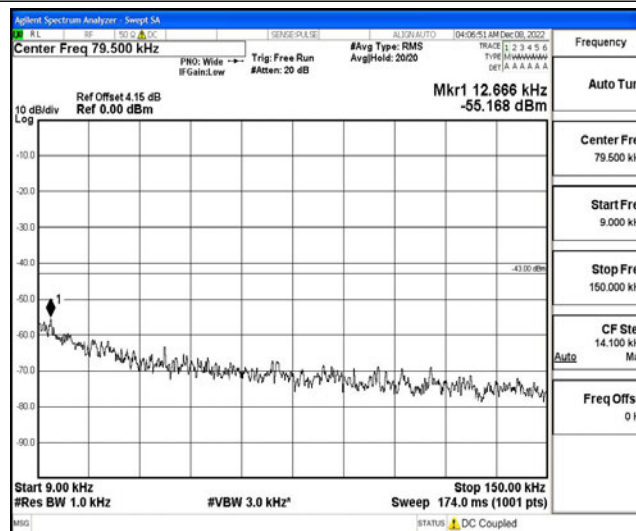
Band12-3MHz-QPSK-23165-1RB#0-Range3:30~1000MHz



Band12-3MHz-QPSK-23165-1RB#0-Range4:1000~10000MHz



Band12-3MHz-16QAM-23025-1RB#0-Range1:0.009~0.15MHz



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