



Appendix F: Test Data for E-UTRA Band 12

Product Name: GNSS Receiver

Test Model: A100 Pro

Environmental Conditions

Temperature:	23.8 ° C
Relative Humidity:	52.1%
ATM Pressure:	100.0 kPa
Test Engineer:	Paddi Chen
Supervised by:	Nick Peng





F.1 Conducted Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	23.34	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	22.16	PASS
Band12	1.4MHz	QPSK	23017	1RB#2	23.44	PASS
Band12	1.4MHz	16QAM	23017	1RB#2	22.28	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	23.49	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	22.19	PASS
Band12	1.4MHz	QPSK	23017	3RB#0	23.5	PASS
Band12	1.4MHz	16QAM	23017	3RB#0	22.35	PASS
Band12	1.4MHz	QPSK	23017	3RB#1	23.57	PASS
Band12	1.4MHz	16QAM	23017	3RB#1	22.3	PASS
Band12	1.4MHz	QPSK	23017	3RB#3	23.53	PASS
Band12	1.4MHz	16QAM	23017	3RB#3	22.31	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	22.53	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	21.35	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	23.54	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	22.37	PASS
Band12	1.4MHz	QPSK	23095	1RB#2	23.66	PASS
Band12	1.4MHz	16QAM	23095	1RB#2	22.4	PASS
Band12	1.4MHz	QPSK	23095	1RB#5	23.68	PASS
Band12	1.4MHz	16QAM	23095	1RB#5	22.39	PASS
Band12	1.4MHz	QPSK	23095	3RB#0	23.78	PASS
Band12	1.4MHz	16QAM	23095	3RB#0	22.51	PASS
Band12	1.4MHz	QPSK	23095	3RB#1	23.72	PASS
Band12	1.4MHz	16QAM	23095	3RB#1	22.5	PASS
Band12	1.4MHz	QPSK	23095	3RB#3	23.79	PASS
Band12	1.4MHz	16QAM	23095	3RB#3	22.48	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	22.85	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	21.76	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	23.75	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	22.51	PASS
Band12	1.4MHz	QPSK	23173	1RB#2	23.86	PASS
Band12	1.4MHz	16QAM	23173	1RB#2	22.62	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	23.92	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	22.55	PASS
Band12	1.4MHz	QPSK	23173	3RB#0	23.89	PASS



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Band12	1.4MHz	16QAM	23173	3RB#0	22.68	PASS
Band12	1.4MHz	QPSK	23173	3RB#1	23.89	PASS
Band12	1.4MHz	16QAM	23173	3RB#1	22.68	PASS
Band12	1.4MHz	QPSK	23173	3RB#3	23.91	PASS
Band12	1.4MHz	16QAM	23173	3RB#3	22.7	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	22.95	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	21.73	PASS
Band12	3MHz	QPSK	23025	1RB#0	23.34	PASS
Band12	3MHz	16QAM	23025	1RB#0	22.3	PASS
Band12	3MHz	QPSK	23025	1RB#8	23.52	PASS
Band12	3MHz	16QAM	23025	1RB#8	22.52	PASS
Band12	3MHz	QPSK	23025	1RB#14	23.41	PASS
Band12	3MHz	16QAM	23025	1RB#14	22.4	PASS
Band12	3MHz	QPSK	23025	8RB#0	22.56	PASS
Band12	3MHz	16QAM	23025	8RB#0	21.52	PASS
Band12	3MHz	QPSK	23025	8RB#4	22.56	PASS
Band12	3MHz	16QAM	23025	8RB#4	21.57	PASS
Band12	3MHz	QPSK	23025	8RB#7	22.68	PASS
Band12	3MHz	16QAM	23025	8RB#7	21.6	PASS
Band12	3MHz	QPSK	23025	15RB#0	22.59	PASS
Band12	3MHz	16QAM	23025	15RB#0	21.6	PASS
Band12	3MHz	QPSK	23095	1RB#0	23.43	PASS
Band12	3MHz	16QAM	23095	1RB#0	22.34	PASS
Band12	3MHz	QPSK	23095	1RB#8	23.62	PASS
Band12	3MHz	16QAM	23095	1RB#8	22.41	PASS
Band12	3MHz	QPSK	23095	1RB#14	23.56	PASS
Band12	3MHz	16QAM	23095	1RB#14	22.31	PASS
Band12	3MHz	QPSK	23095	8RB#0	22.68	PASS
Band12	3MHz	16QAM	23095	8RB#0	21.57	PASS
Band12	3MHz	QPSK	23095	8RB#4	22.66	PASS
Band12	3MHz	16QAM	23095	8RB#4	21.59	PASS
Band12	3MHz	QPSK	23095	8RB#7	22.71	PASS
Band12	3MHz	16QAM	23095	8RB#7	21.56	PASS
Band12	3MHz	QPSK	23095	15RB#0	22.74	PASS
Band12	3MHz	16QAM	23095	15RB#0	21.59	PASS
Band12	3MHz	QPSK	23165	1RB#0	23.47	PASS
Band12	3MHz	16QAM	23165	1RB#0	22.21	PASS
Band12	3MHz	QPSK	23165	1RB#8	23.69	PASS
Band12	3MHz	16QAM	23165	1RB#8	22.43	PASS
Band12	3MHz	QPSK	23165	1RB#14	23.62	PASS



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Band12	3MHz	16QAM	23165	1RB#14	22.33	PASS
Band12	3MHz	QPSK	23165	8RB#0	22.8	PASS
Band12	3MHz	16QAM	23165	8RB#0	21.71	PASS
Band12	3MHz	QPSK	23165	8RB#4	22.81	PASS
Band12	3MHz	16QAM	23165	8RB#4	21.7	PASS
Band12	3MHz	QPSK	23165	8RB#7	22.84	PASS
Band12	3MHz	16QAM	23165	8RB#7	21.74	PASS
Band12	3MHz	QPSK	23165	15RB#0	22.8	PASS
Band12	3MHz	16QAM	23165	15RB#0	21.68	PASS
Band12	5MHz	QPSK	23035	1RB#0	23.76	PASS
Band12	5MHz	16QAM	23035	1RB#0	22.65	PASS
Band12	5MHz	QPSK	23035	1RB#12	23.89	PASS
Band12	5MHz	16QAM	23035	1RB#12	22.83	PASS
Band12	5MHz	QPSK	23035	1RB#24	23.79	PASS
Band12	5MHz	16QAM	23035	1RB#24	22.73	PASS
Band12	5MHz	QPSK	23035	12RB#0	22.69	PASS
Band12	5MHz	16QAM	23035	12RB#0	21.66	PASS
Band12	5MHz	QPSK	23035	12RB#6	22.66	PASS
Band12	5MHz	16QAM	23035	12RB#6	21.69	PASS
Band12	5MHz	QPSK	23035	12RB#13	22.71	PASS
Band12	5MHz	16QAM	23035	12RB#13	21.61	PASS
Band12	5MHz	QPSK	23035	25RB#0	22.72	PASS
Band12	5MHz	16QAM	23035	25RB#0	21.65	PASS
Band12	5MHz	QPSK	23095	1RB#0	23.66	PASS
Band12	5MHz	16QAM	23095	1RB#0	22.74	PASS
Band12	5MHz	QPSK	23095	1RB#12	23.87	PASS
Band12	5MHz	16QAM	23095	1RB#12	22.96	PASS
Band12	5MHz	QPSK	23095	1RB#24	23.8	PASS
Band12	5MHz	16QAM	23095	1RB#24	22.87	PASS
Band12	5MHz	QPSK	23095	12RB#0	22.72	PASS
Band12	5MHz	16QAM	23095	12RB#0	21.67	PASS
Band12	5MHz	QPSK	23095	12RB#6	22.7	PASS
Band12	5MHz	16QAM	23095	12RB#6	21.72	PASS
Band12	5MHz	QPSK	23095	12RB#13	22.76	PASS
Band12	5MHz	16QAM	23095	12RB#13	21.79	PASS
Band12	5MHz	QPSK	23095	25RB#0	22.85	PASS
Band12	5MHz	16QAM	23095	25RB#0	21.68	PASS
Band12	5MHz	QPSK	23155	1RB#0	23.79	PASS
Band12	5MHz	16QAM	23155	1RB#0	22.71	PASS
Band12	5MHz	QPSK	23155	1RB#12	23.98	PASS



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Band12	5MHz	16QAM	23155	1RB#12	22.88	PASS
Band12	5MHz	QPSK	23155	1RB#24	23.98	PASS
Band12	5MHz	16QAM	23155	1RB#24	22.78	PASS
Band12	5MHz	QPSK	23155	12RB#0	22.87	PASS
Band12	5MHz	16QAM	23155	12RB#0	21.83	PASS
Band12	5MHz	QPSK	23155	12RB#6	22.89	PASS
Band12	5MHz	16QAM	23155	12RB#6	21.83	PASS
Band12	5MHz	QPSK	23155	12RB#13	22.88	PASS
Band12	5MHz	16QAM	23155	12RB#13	21.86	PASS
Band12	5MHz	QPSK	23155	25RB#0	22.9	PASS
Band12	5MHz	16QAM	23155	25RB#0	21.96	PASS
Band12	10MHz	QPSK	23060	1RB#0	23.74	PASS
Band12	10MHz	16QAM	23060	1RB#0	22.77	PASS
Band12	10MHz	QPSK	23060	1RB#24	23.8	PASS
Band12	10MHz	16QAM	23060	1RB#24	22.87	PASS
Band12	10MHz	QPSK	23060	1RB#49	23.83	PASS
Band12	10MHz	16QAM	23060	1RB#49	22.81	PASS
Band12	10MHz	QPSK	23060	25RB#0	22.71	PASS
Band12	10MHz	16QAM	23060	25RB#0	21.69	PASS
Band12	10MHz	QPSK	23060	25RB#12	22.73	PASS
Band12	10MHz	16QAM	23060	25RB#12	21.69	PASS
Band12	10MHz	QPSK	23060	25RB#25	22.84	PASS
Band12	10MHz	16QAM	23060	25RB#25	21.84	PASS
Band12	10MHz	QPSK	23060	50RB#0	22.85	PASS
Band12	10MHz	16QAM	23060	50RB#0	21.82	PASS
Band12	10MHz	QPSK	23095	1RB#0	23.87	PASS
Band12	10MHz	16QAM	23095	1RB#0	22.66	PASS
Band12	10MHz	QPSK	23095	1RB#24	23.93	PASS
Band12	10MHz	16QAM	23095	1RB#24	22.75	PASS
Band12	10MHz	QPSK	23095	1RB#49	23.98	PASS
Band12	10MHz	16QAM	23095	1RB#49	22.77	PASS
Band12	10MHz	QPSK	23095	25RB#0	22.75	PASS
Band12	10MHz	16QAM	23095	25RB#0	21.67	PASS
Band12	10MHz	QPSK	23095	25RB#12	22.74	PASS
Band12	10MHz	16QAM	23095	25RB#12	21.69	PASS
Band12	10MHz	QPSK	23095	25RB#25	22.78	PASS
Band12	10MHz	16QAM	23095	25RB#25	21.77	PASS
Band12	10MHz	QPSK	23095	50RB#0	22.8	PASS
Band12	10MHz	16QAM	23095	50RB#0	21.78	PASS
Band12	10MHz	QPSK	23130	1RB#0	23.79	PASS



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Band12	10MHz	16QAM	23130	1RB#0	22.58	PASS
Band12	10MHz	QPSK	23130	1RB#24	23.9	PASS
Band12	10MHz	16QAM	23130	1RB#24	22.67	PASS
Band12	10MHz	QPSK	23130	1RB#49	23.97	PASS
Band12	10MHz	16QAM	23130	1RB#49	22.74	PASS
Band12	10MHz	QPSK	23130	25RB#0	22.83	PASS
Band12	10MHz	16QAM	23130	25RB#0	21.89	PASS
Band12	10MHz	QPSK	23130	25RB#12	22.79	PASS
Band12	10MHz	16QAM	23130	25RB#12	21.85	PASS
Band12	10MHz	QPSK	23130	25RB#25	22.83	PASS
Band12	10MHz	16QAM	23130	25RB#25	21.88	PASS
Band12	10MHz	QPSK	23130	50RB#0	22.86	PASS
Band12	10MHz	16QAM	23130	50RB#0	21.79	PASS





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

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	4.40	13	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	5.50	13	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	5.34	13	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	6.16	13	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	4.25	13	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	5.38	13	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	5.20	13	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	6.04	13	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	3.67	13	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	4.83	13	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	4.72	13	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	5.59	13	PASS
Band12	3MHz	QPSK	23025	1RB#0	4.50	13	PASS
Band12	3MHz	16QAM	23025	1RB#0	5.41	13	PASS
Band12	3MHz	QPSK	23025	15RB#0	5.38	13	PASS
Band12	3MHz	16QAM	23025	15RB#0	6.24	13	PASS
Band12	3MHz	QPSK	23095	1RB#0	4.42	13	PASS
Band12	3MHz	16QAM	23095	1RB#0	5.35	13	PASS
Band12	3MHz	QPSK	23095	15RB#0	5.22	13	PASS
Band12	3MHz	16QAM	23095	15RB#0	6.07	13	PASS
Band12	3MHz	QPSK	23165	1RB#0	4.30	13	PASS
Band12	3MHz	16QAM	23165	1RB#0	5.26	13	PASS
Band12	3MHz	QPSK	23165	15RB#0	4.97	13	PASS
Band12	3MHz	16QAM	23165	15RB#0	5.85	13	PASS
Band12	5MHz	QPSK	23035	1RB#0	4.40	13	PASS
Band12	5MHz	16QAM	23035	1RB#0	5.21	13	PASS
Band12	5MHz	QPSK	23035	25RB#0	5.57	13	PASS
Band12	5MHz	16QAM	23035	25RB#0	6.27	13	PASS
Band12	5MHz	QPSK	23095	1RB#0	4.28	13	PASS
Band12	5MHz	16QAM	23095	1RB#0	5.09	13	PASS
Band12	5MHz	QPSK	23095	25RB#0	5.45	13	PASS
Band12	5MHz	16QAM	23095	25RB#0	6.17	13	PASS
Band12	5MHz	QPSK	23155	1RB#0	4.42	13	PASS
Band12	5MHz	16QAM	23155	1RB#0	5.22	13	PASS



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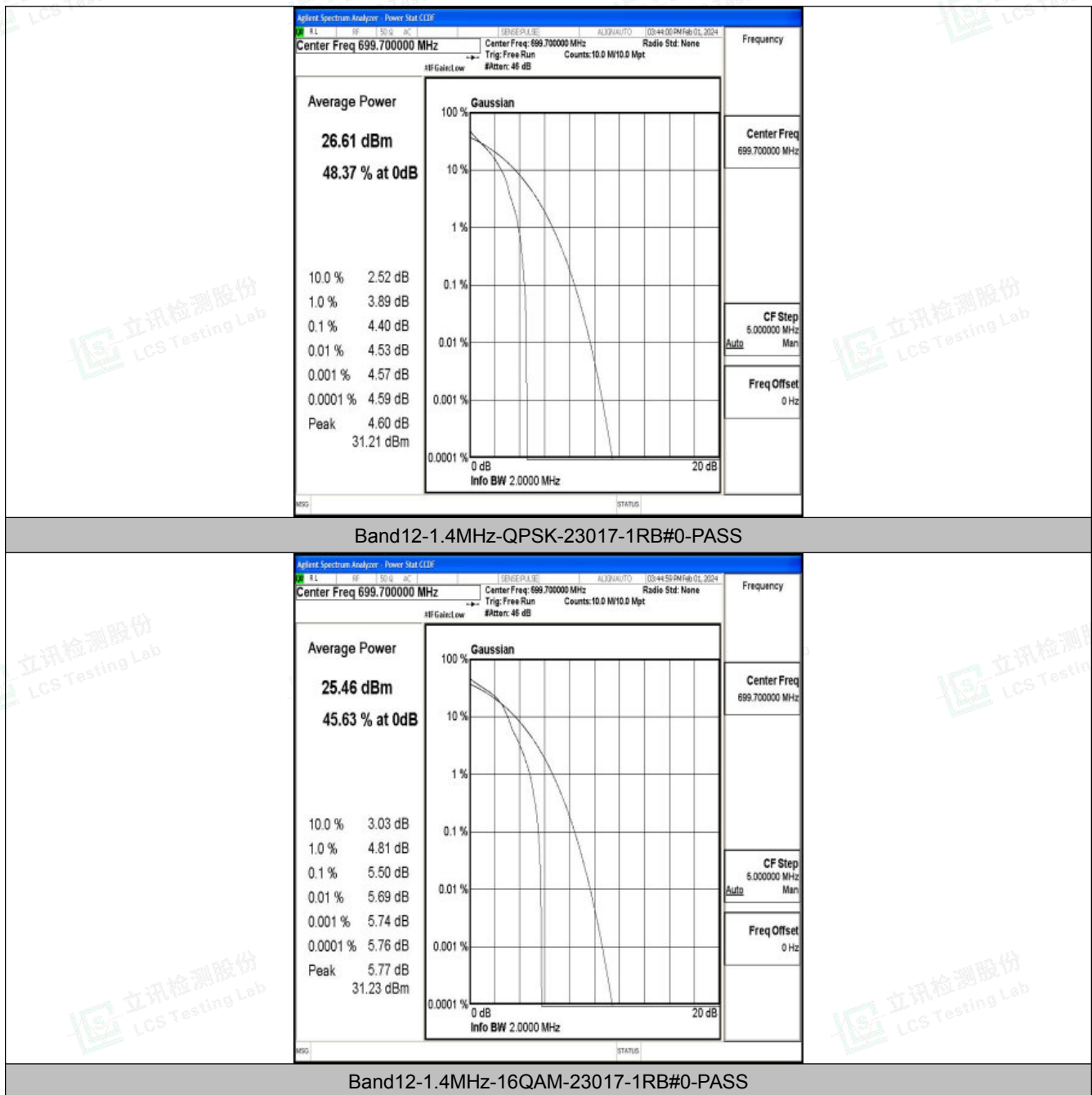


Band12	5MHz	QPSK	23155	25RB#0	5.38	13	PASS
Band12	5MHz	16QAM	23155	25RB#0	6.10	13	PASS
Band12	10MHz	QPSK	23060	1RB#0	4.29	13	PASS
Band12	10MHz	16QAM	23060	1RB#0	5.21	13	PASS
Band12	10MHz	QPSK	23060	50RB#0	5.46	13	PASS
Band12	10MHz	16QAM	23060	50RB#0	6.22	13	PASS
Band12	10MHz	QPSK	23095	1RB#0	4.27	13	PASS
Band12	10MHz	16QAM	23095	1RB#0	5.18	13	PASS
Band12	10MHz	QPSK	23095	50RB#0	5.37	13	PASS
Band12	10MHz	16QAM	23095	50RB#0	6.17	13	PASS
Band12	10MHz	QPSK	23130	1RB#0	4.17	13	PASS
Band12	10MHz	16QAM	23130	1RB#0	5.08	13	PASS
Band12	10MHz	QPSK	23130	50RB#0	5.33	13	PASS
Band12	10MHz	16QAM	23130	50RB#0	6.14	13	PASS





Test Graphs

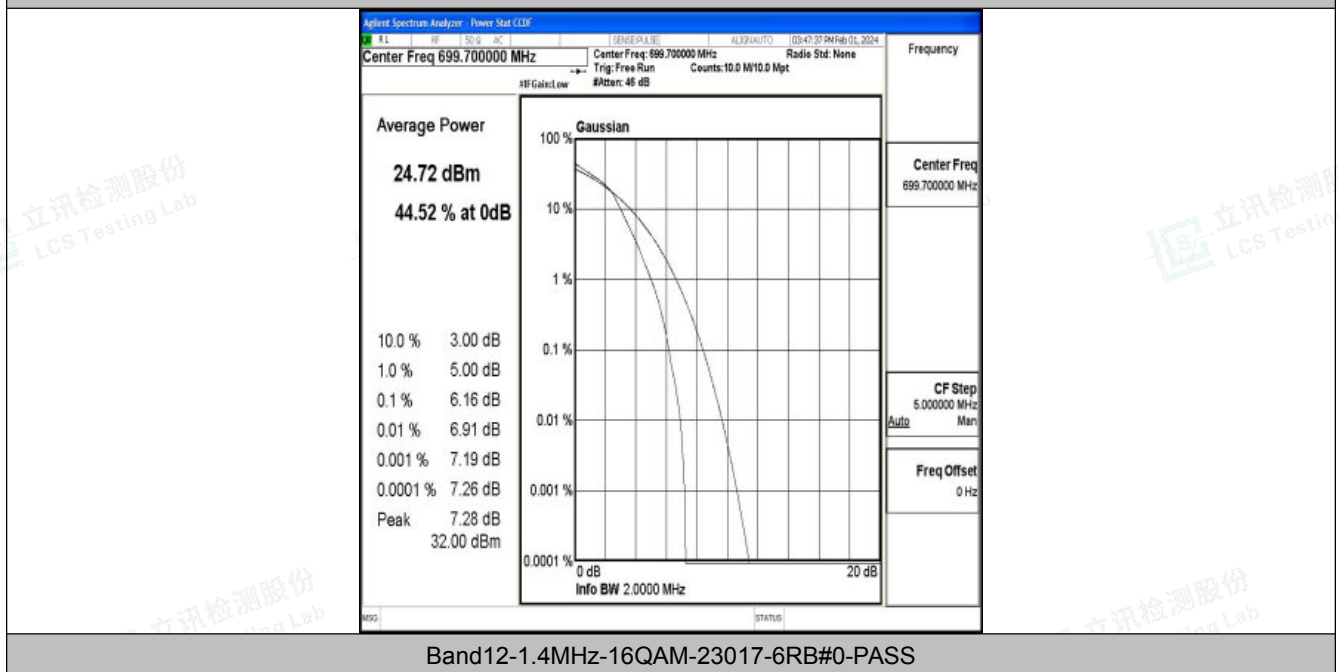
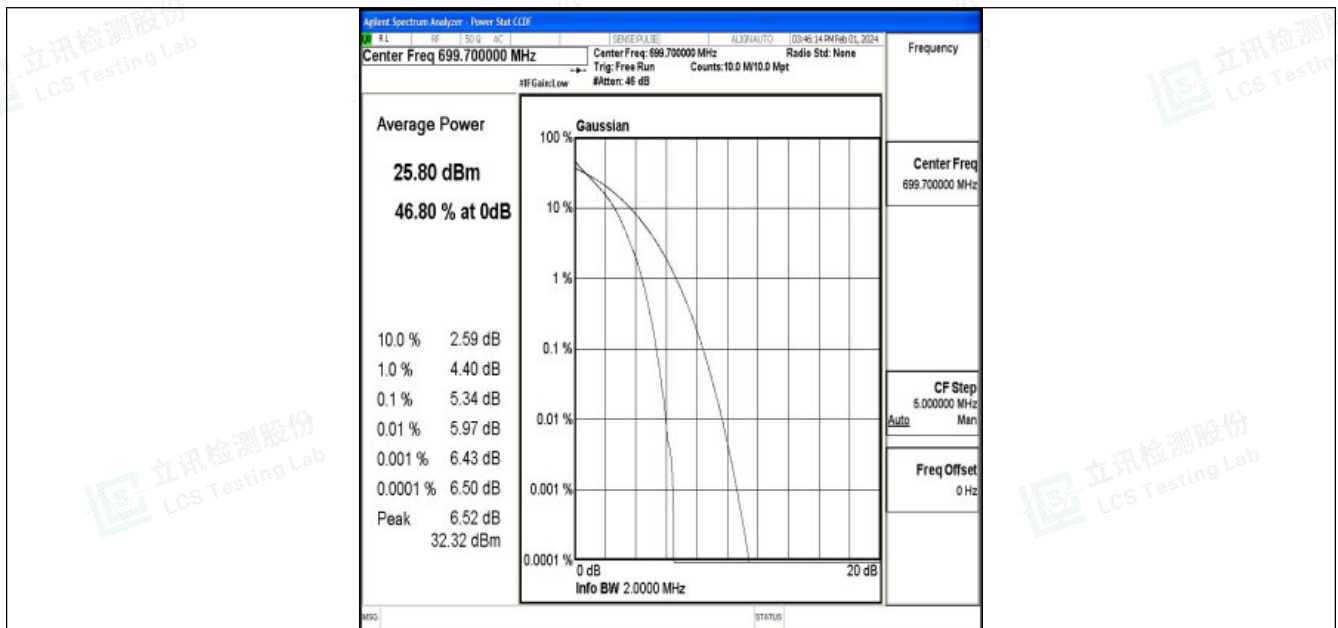


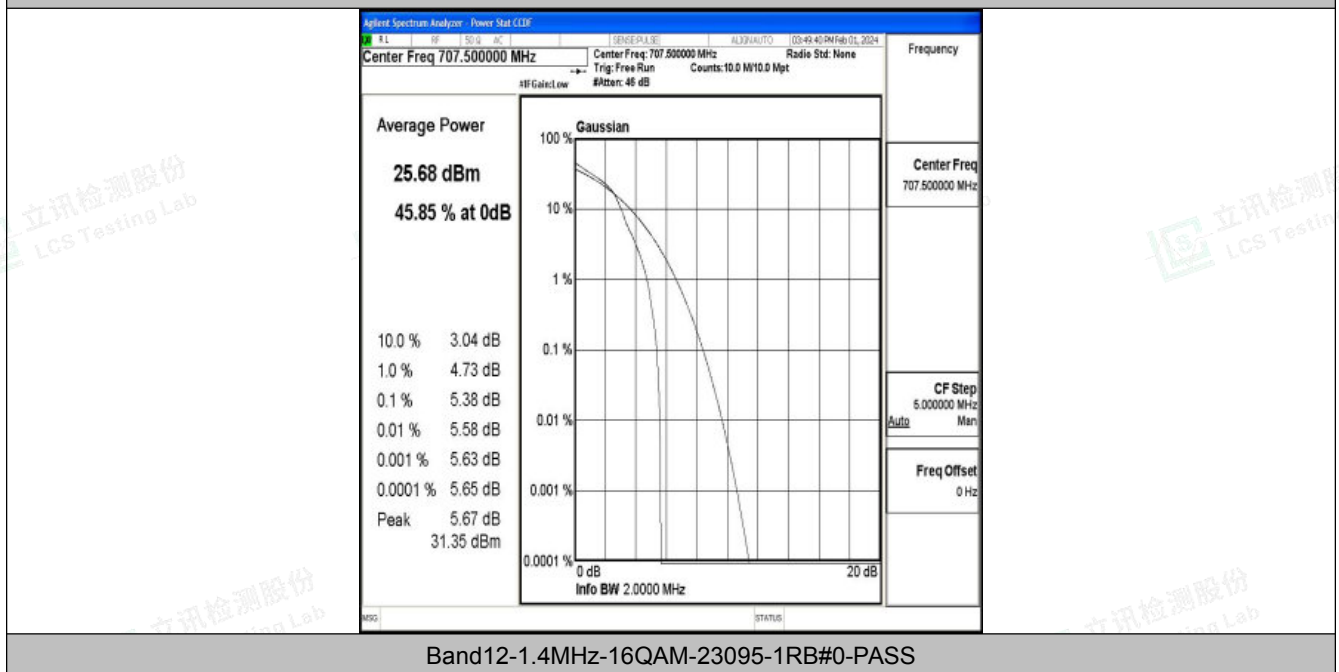
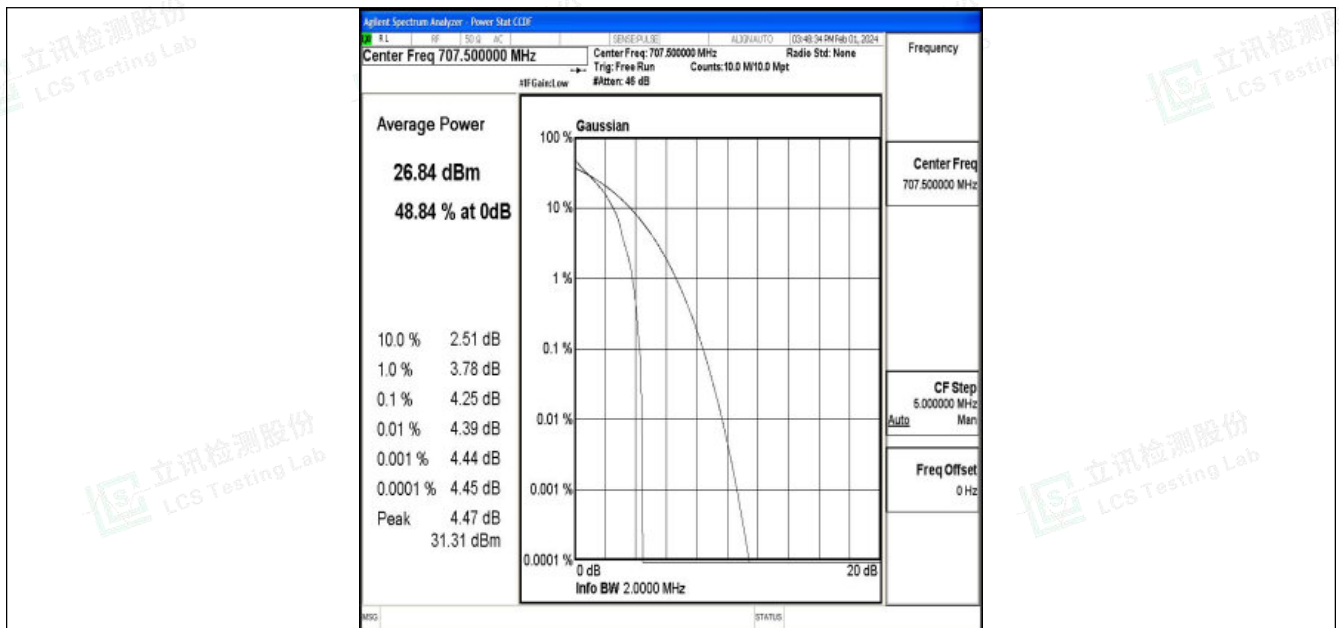
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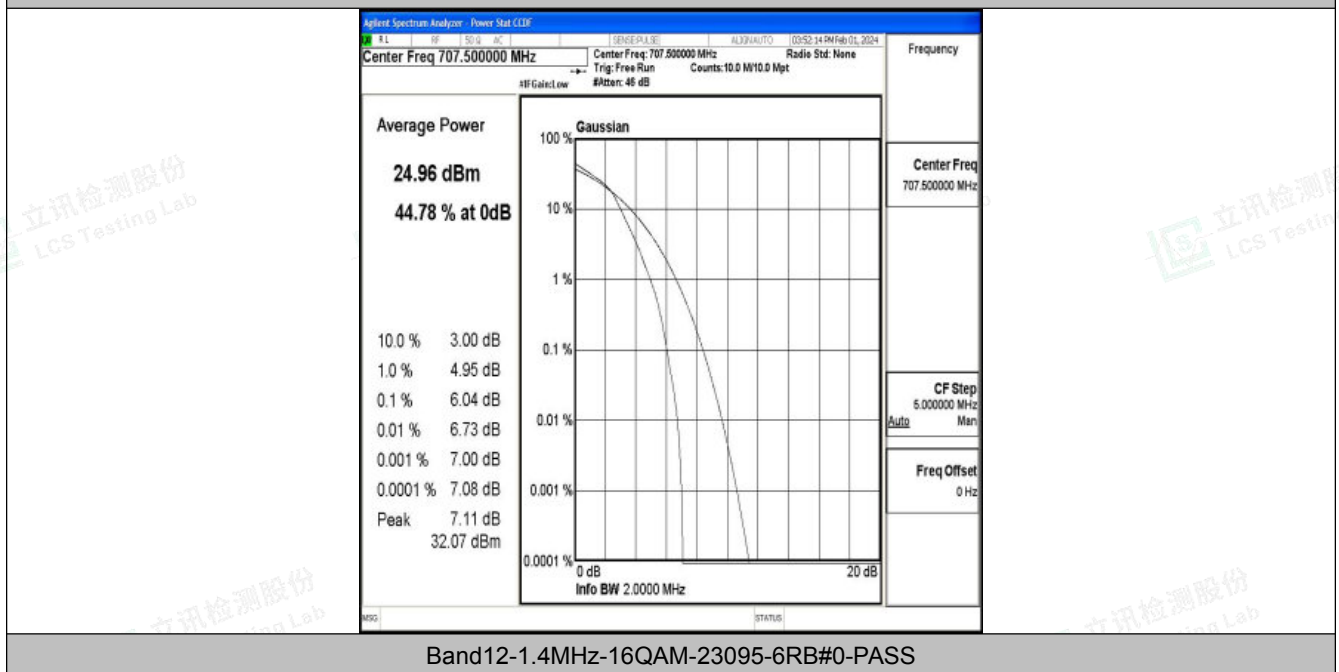
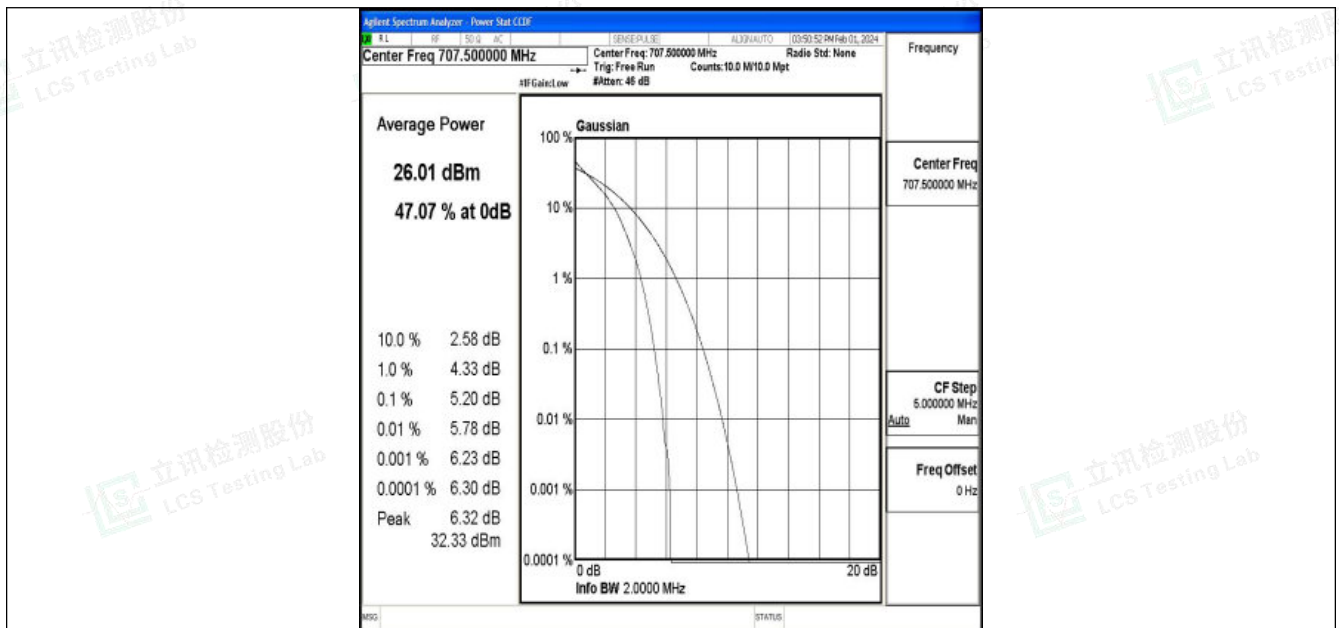
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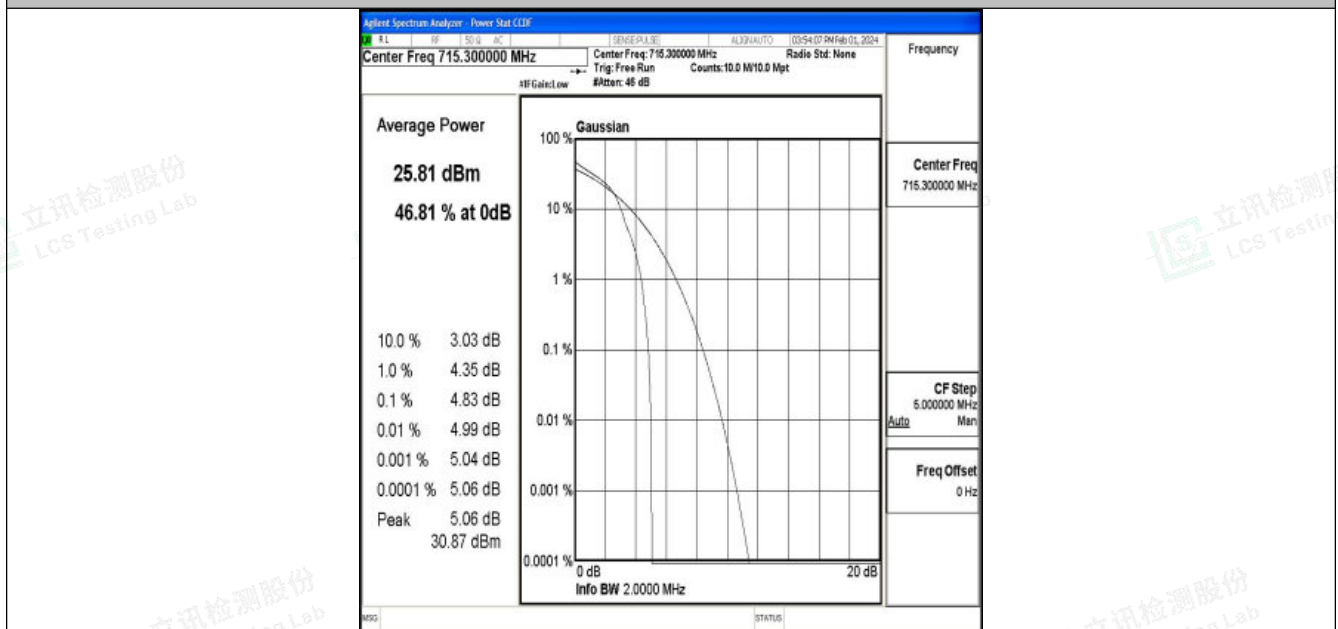
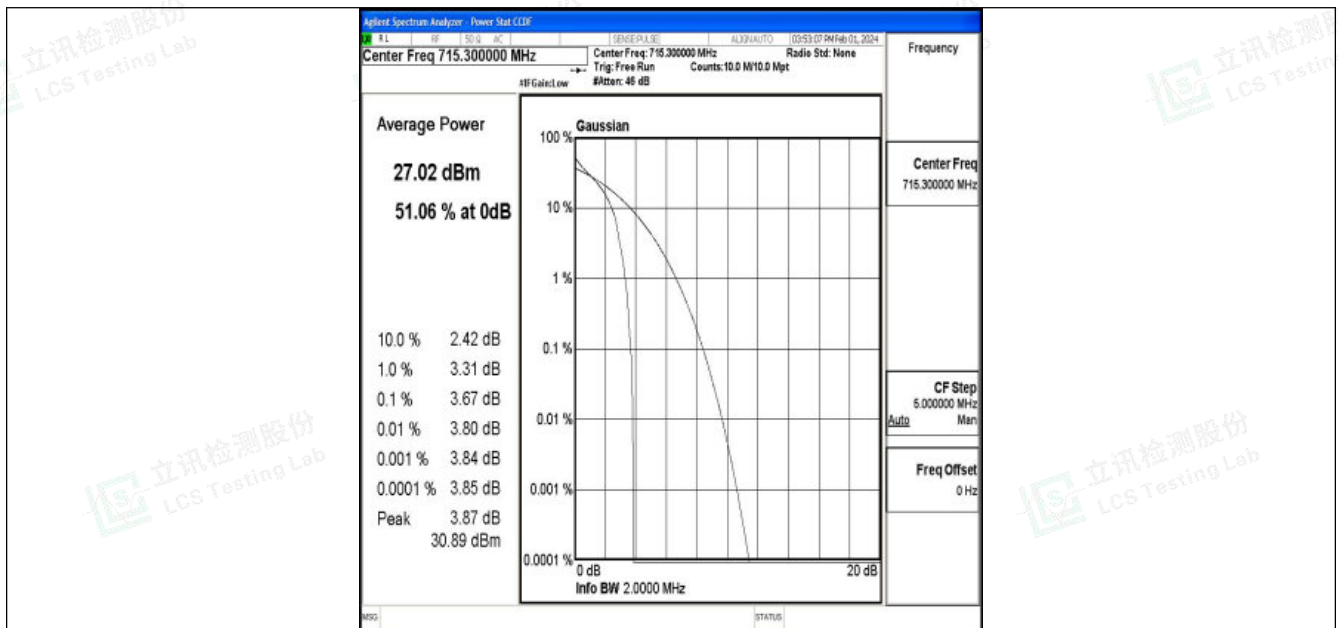
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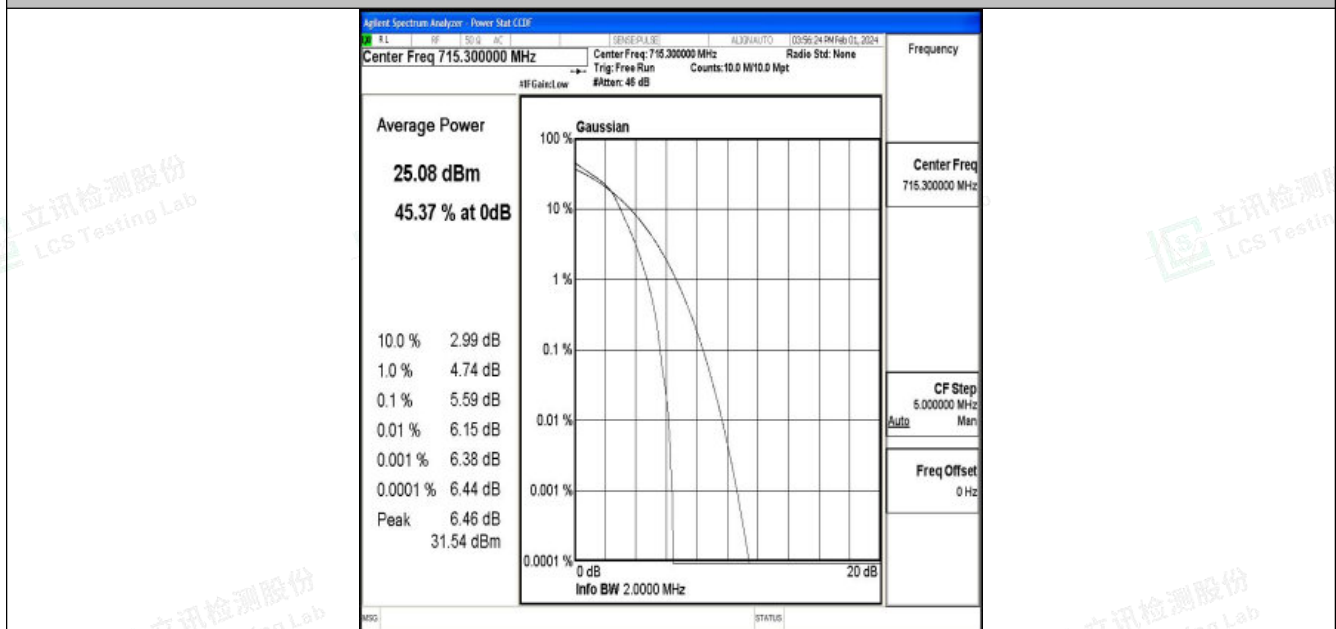
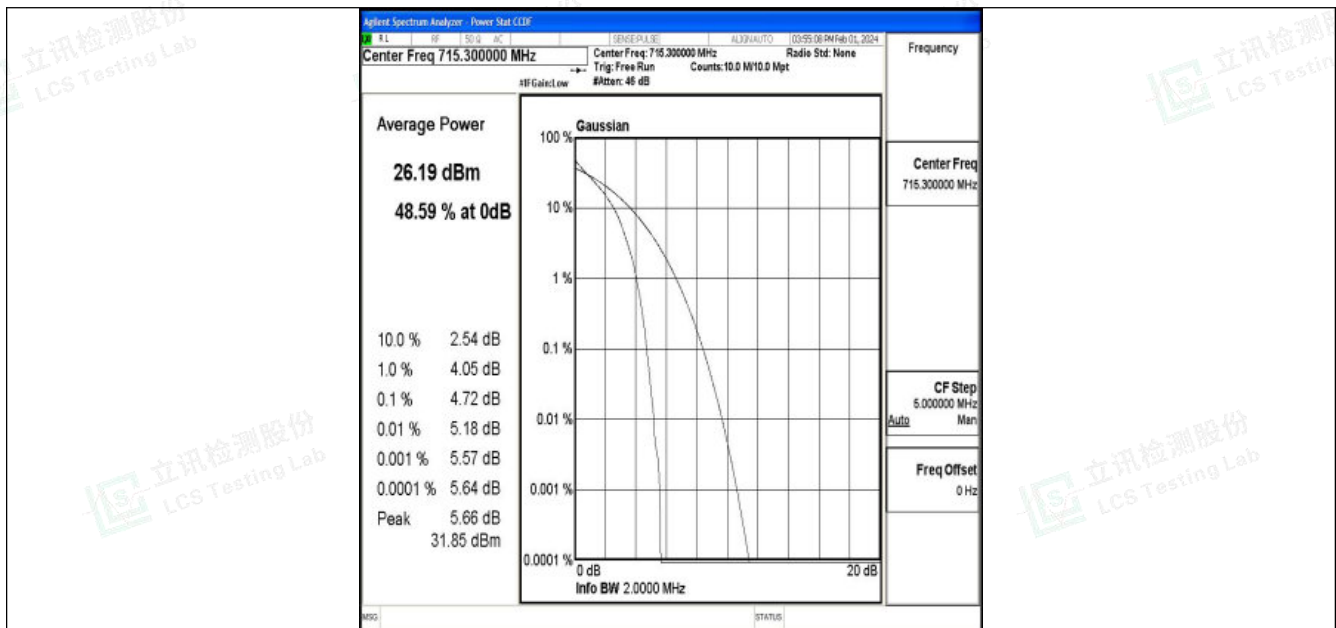
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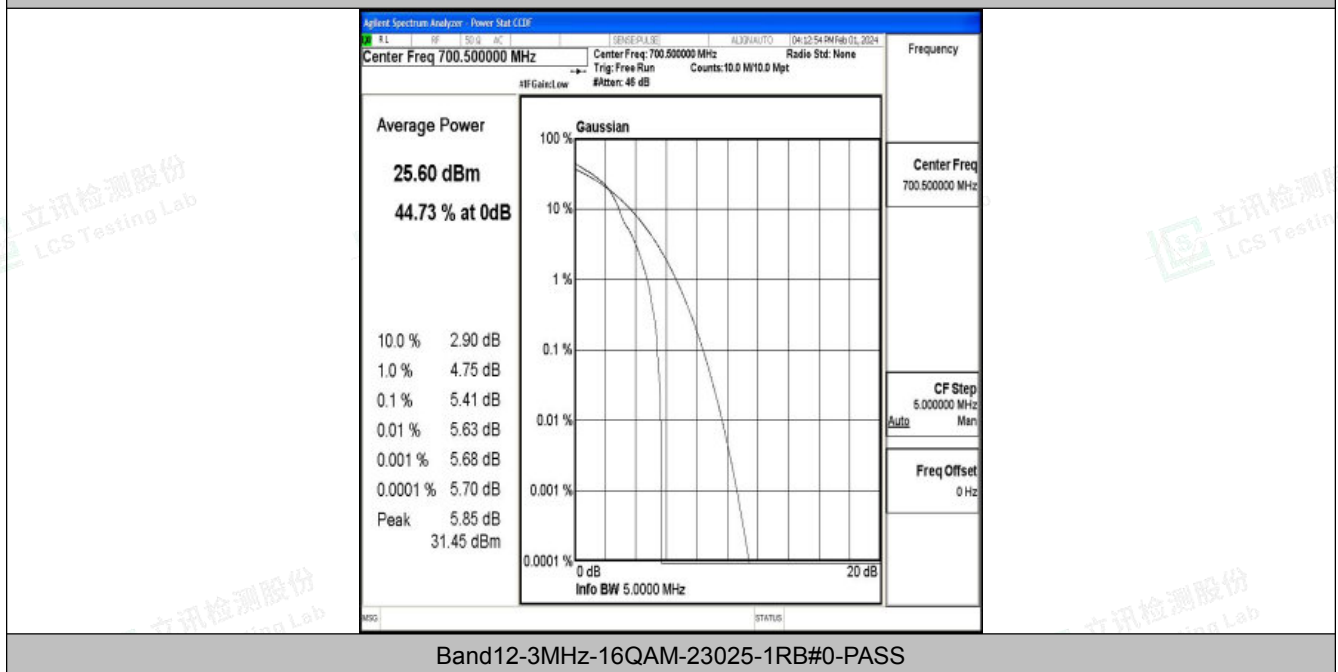
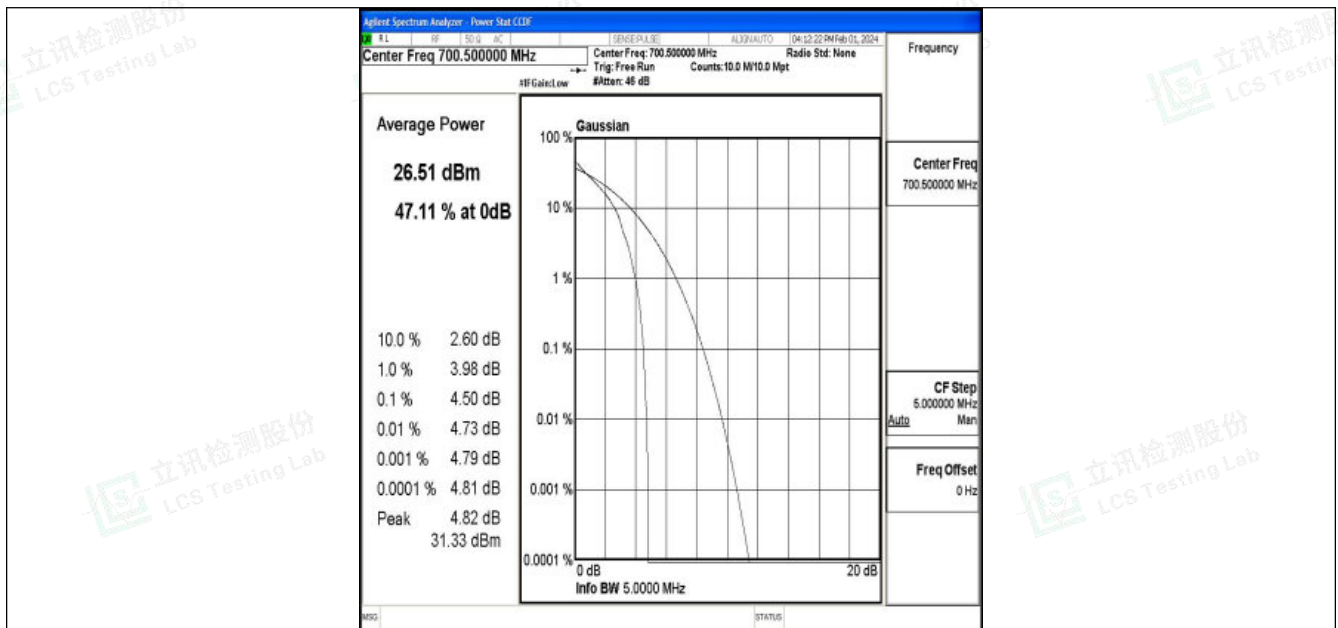










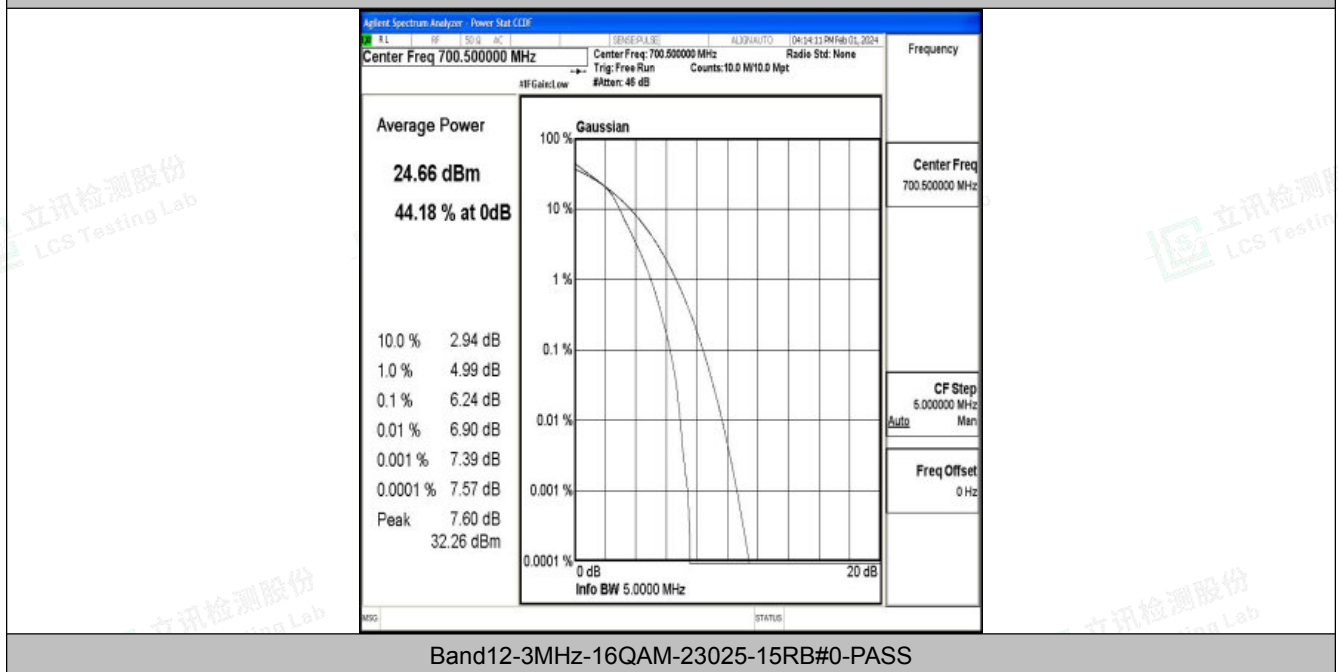
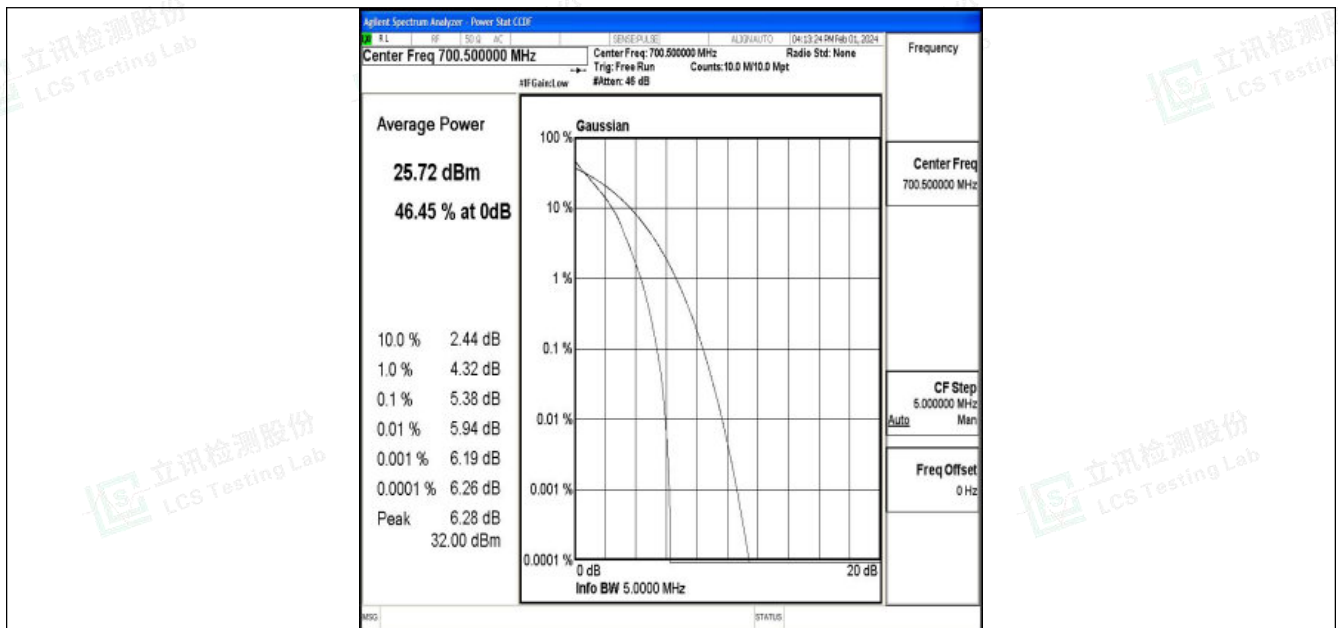


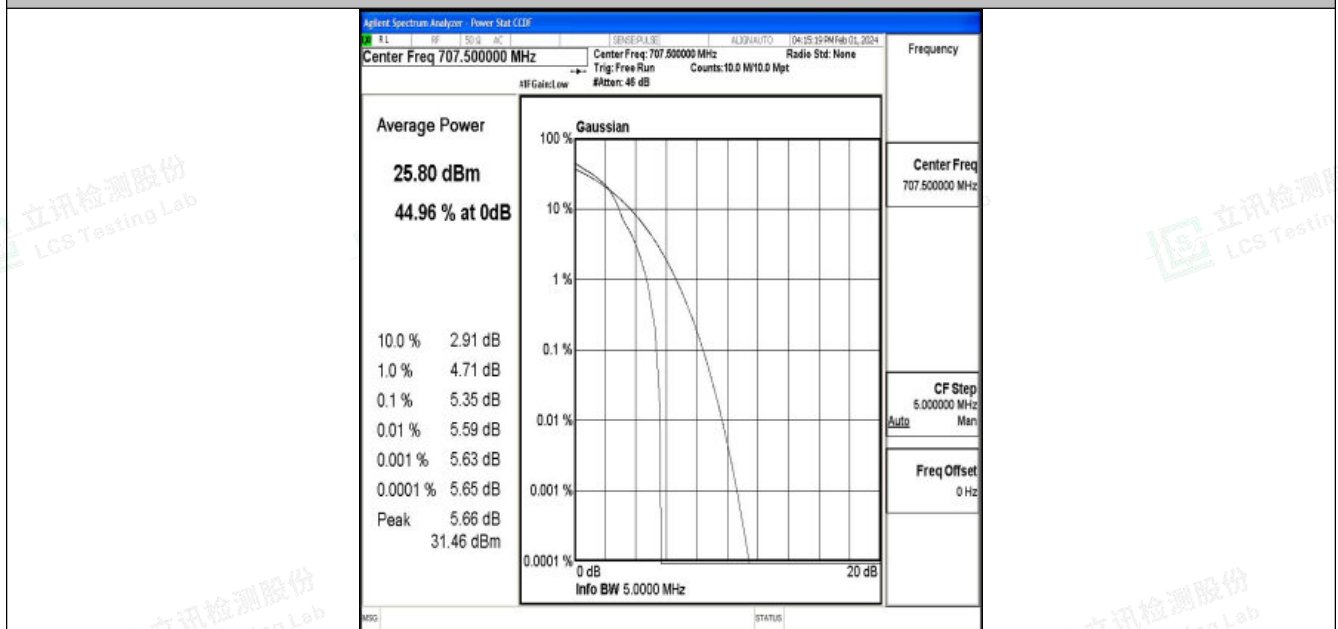
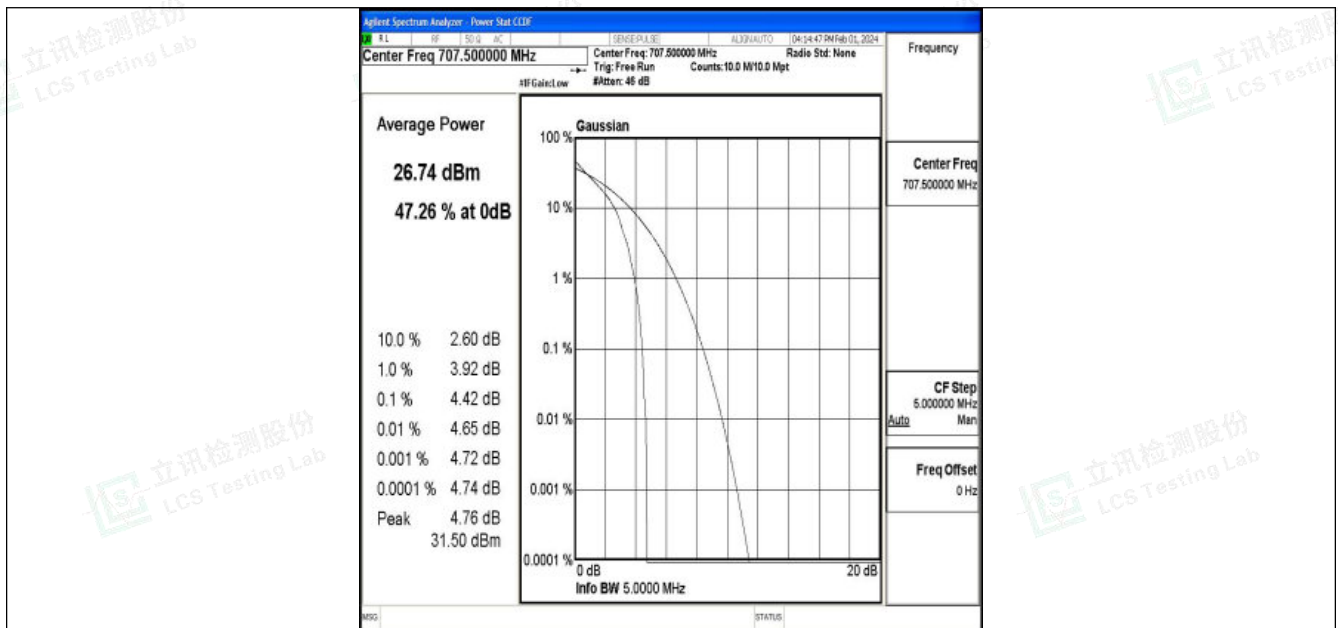
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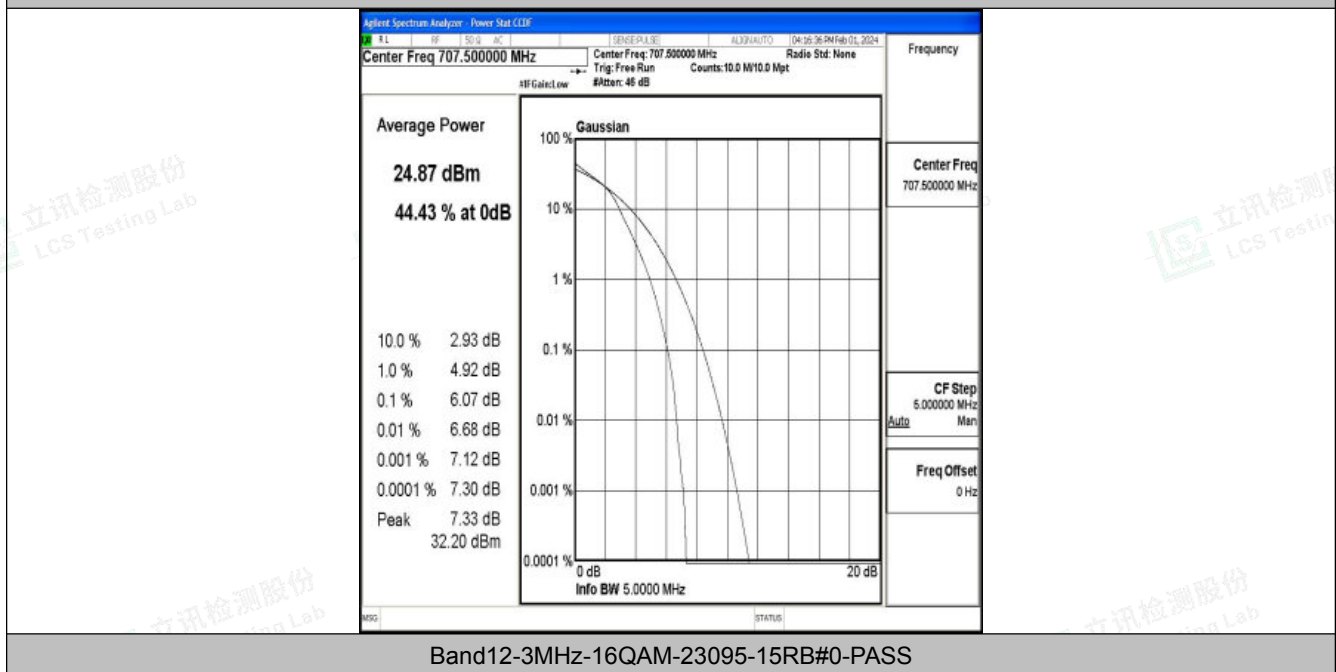
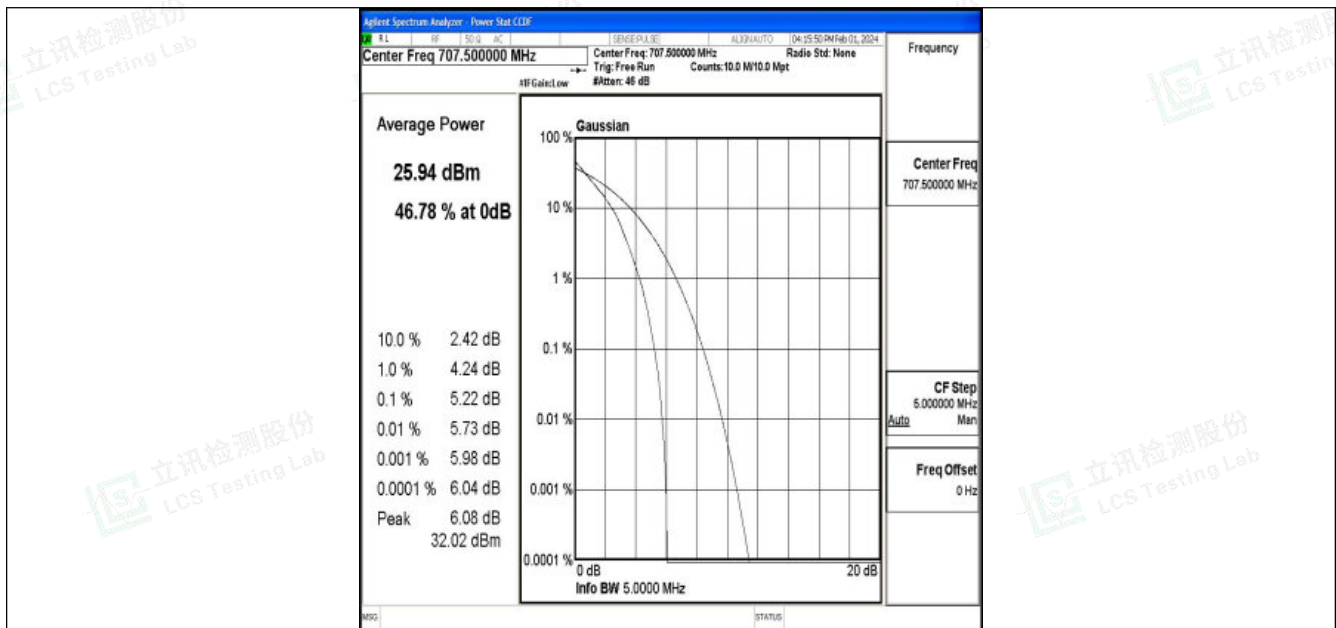
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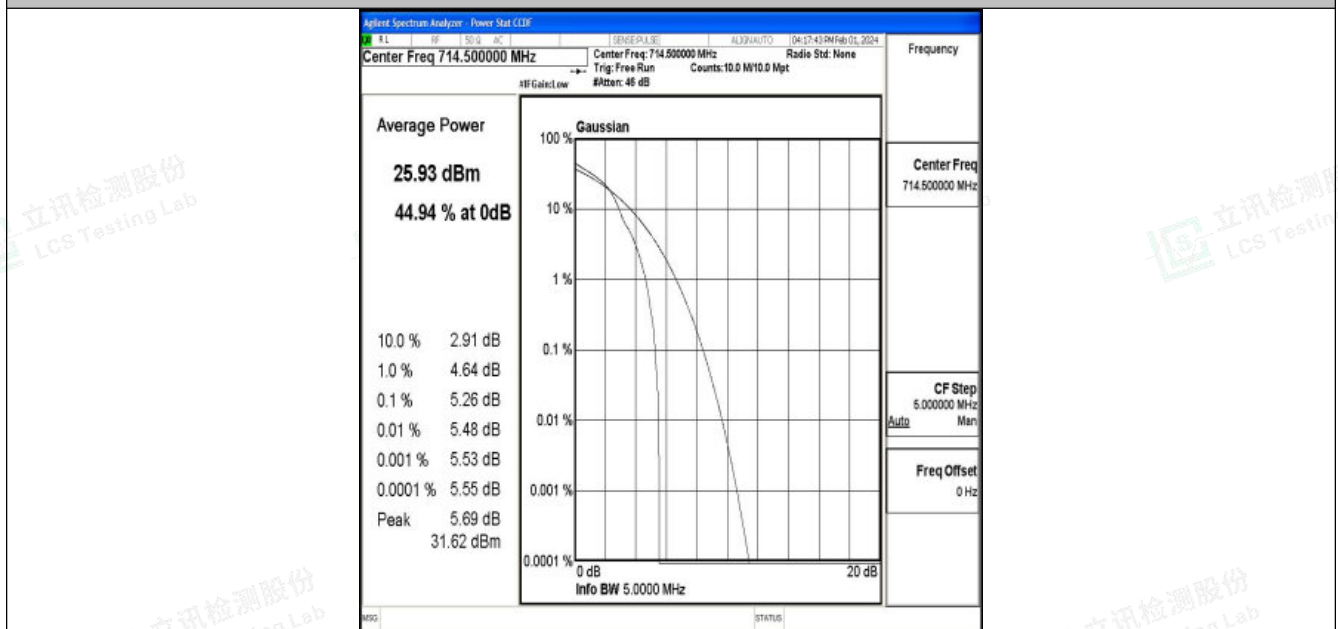
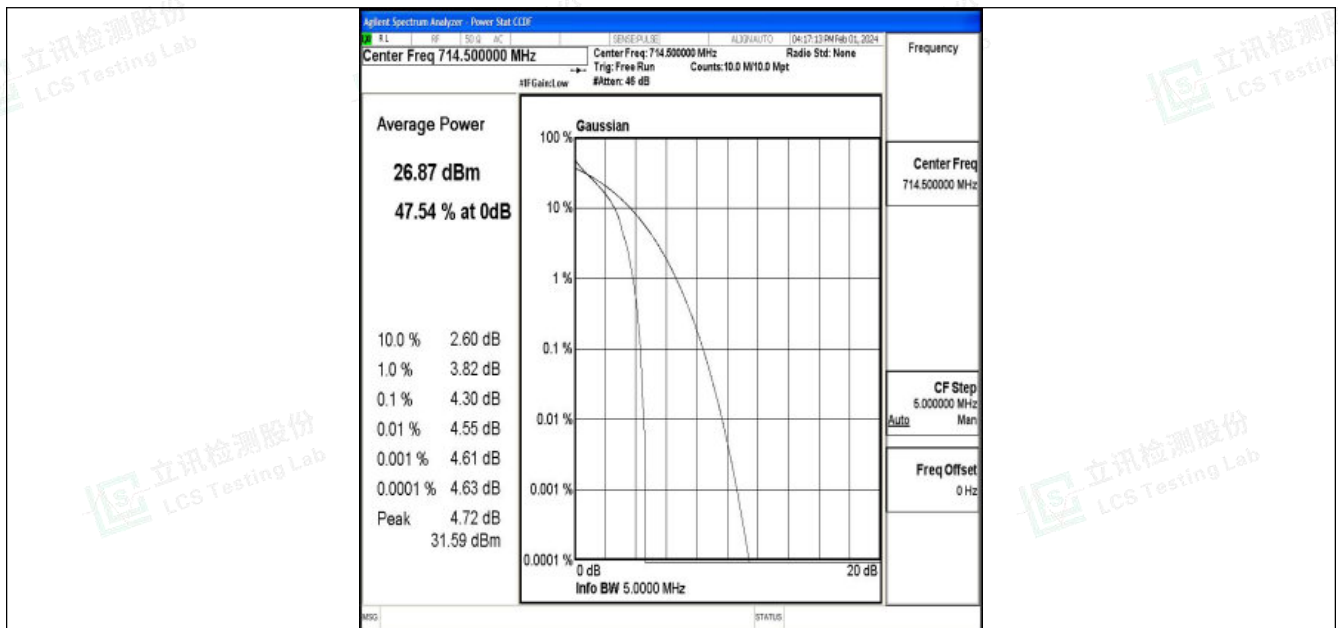
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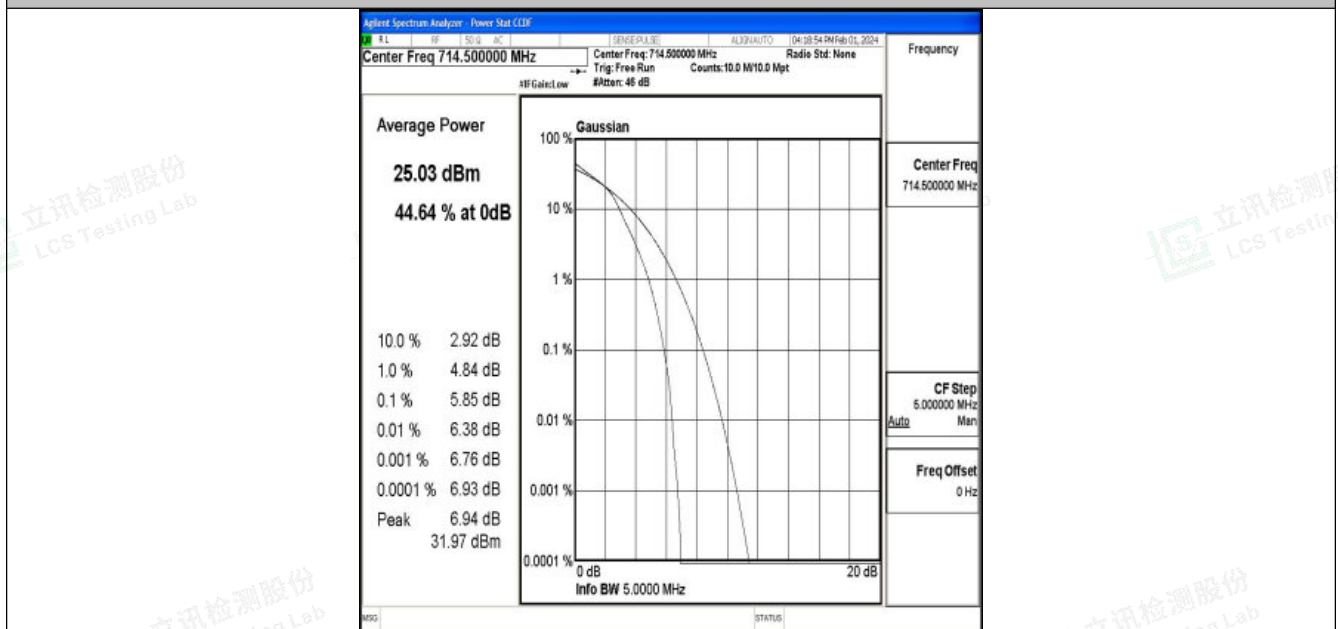
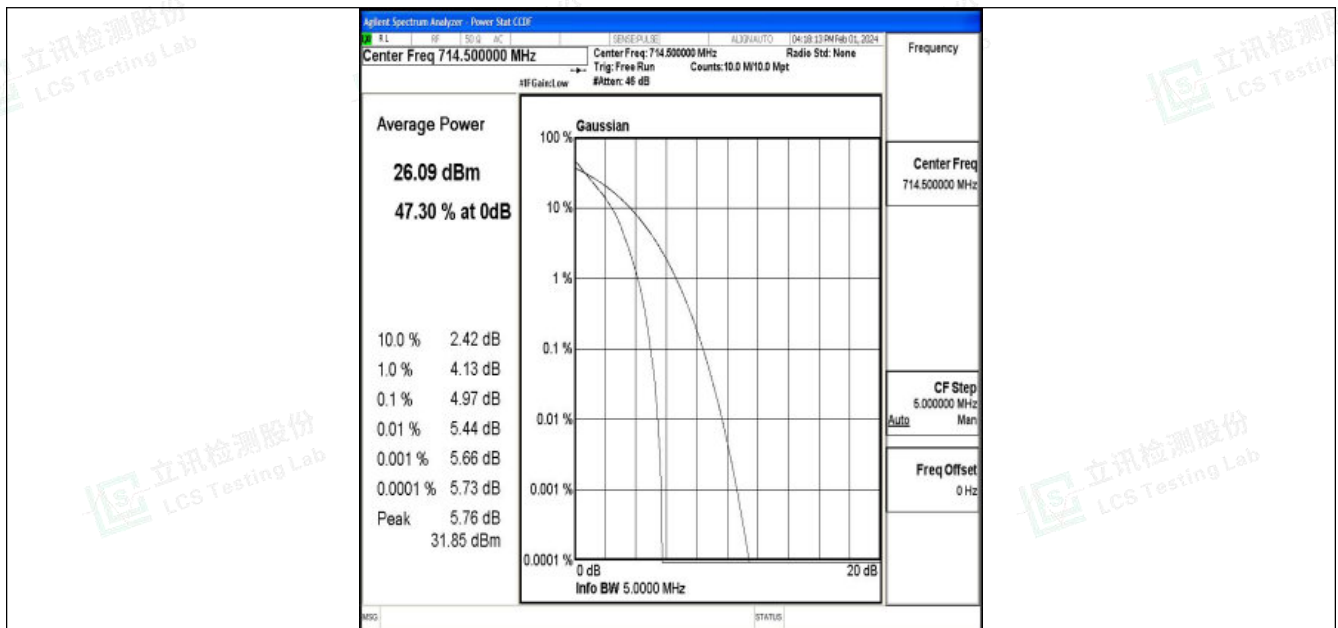


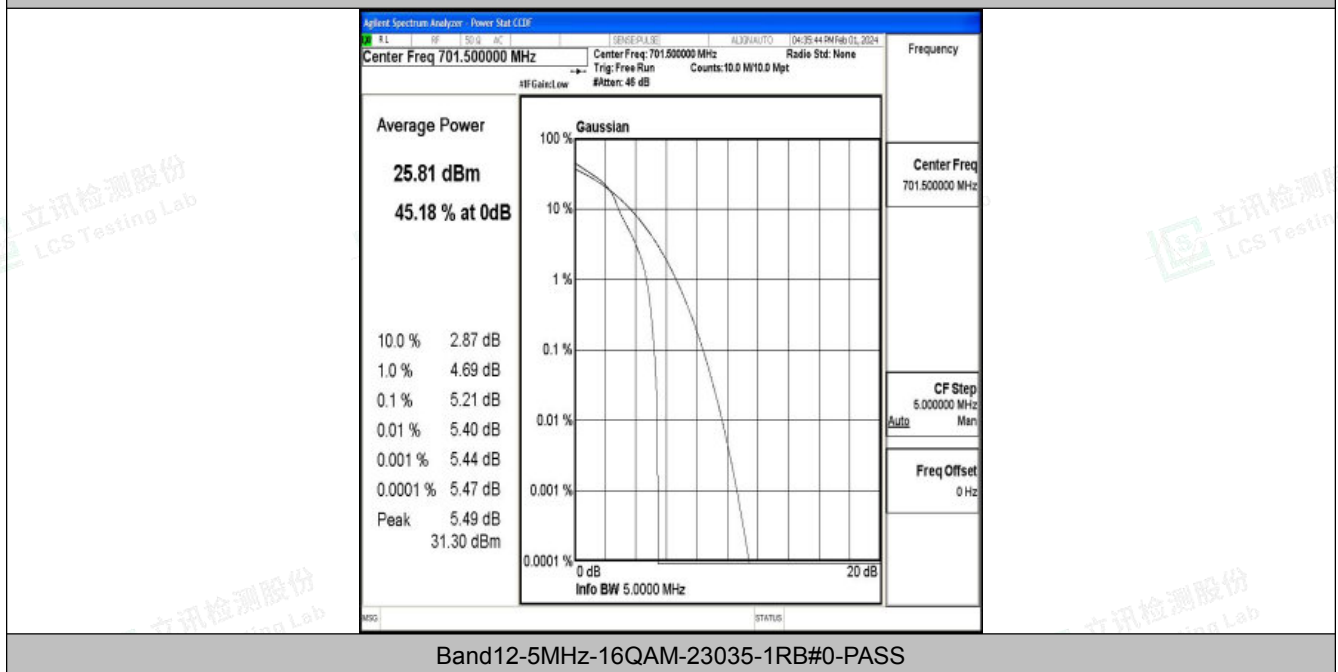
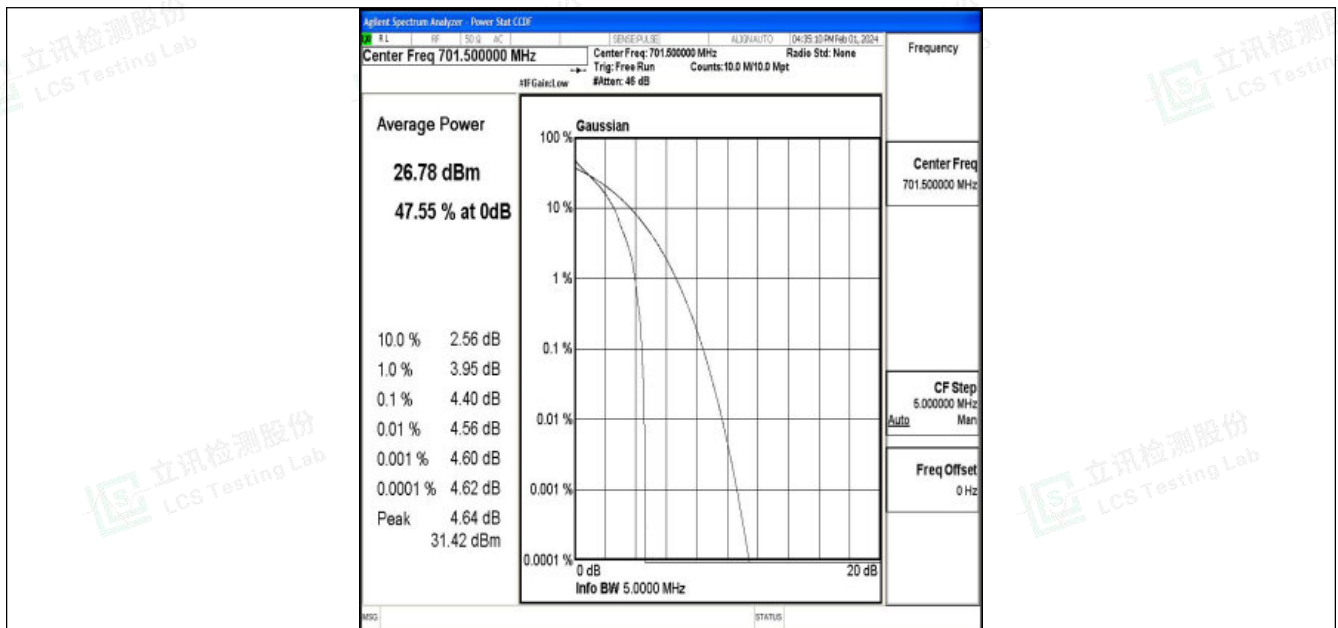
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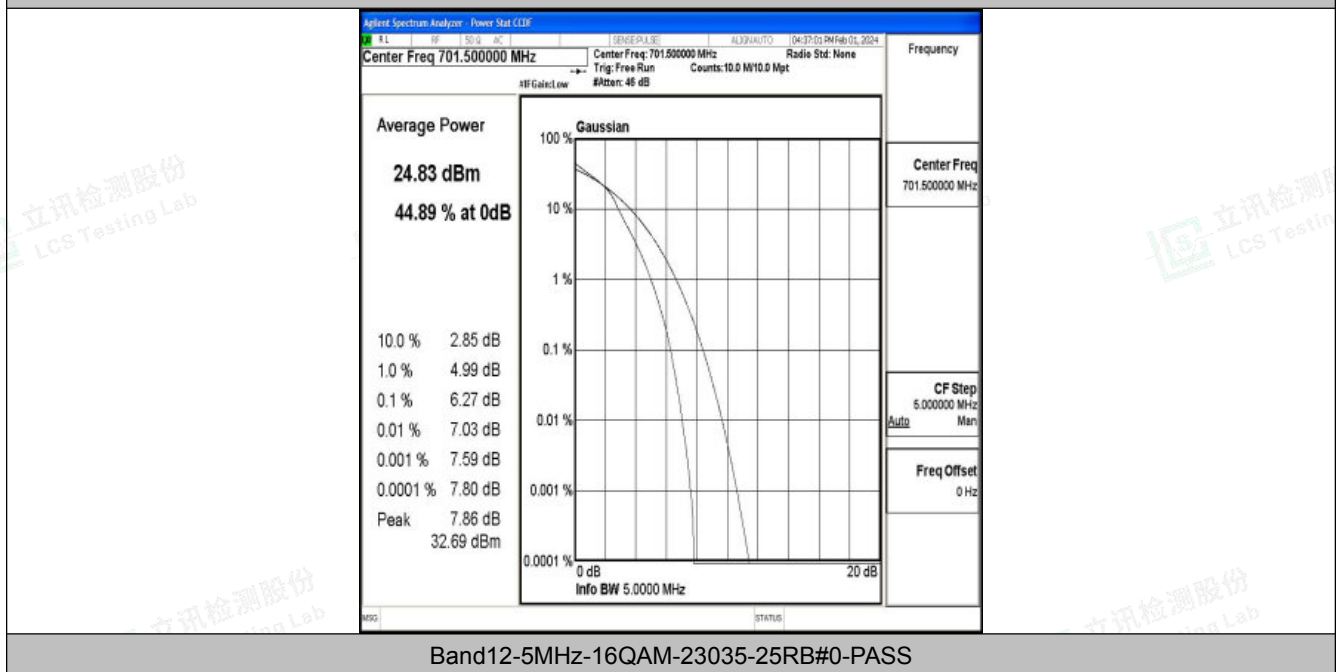
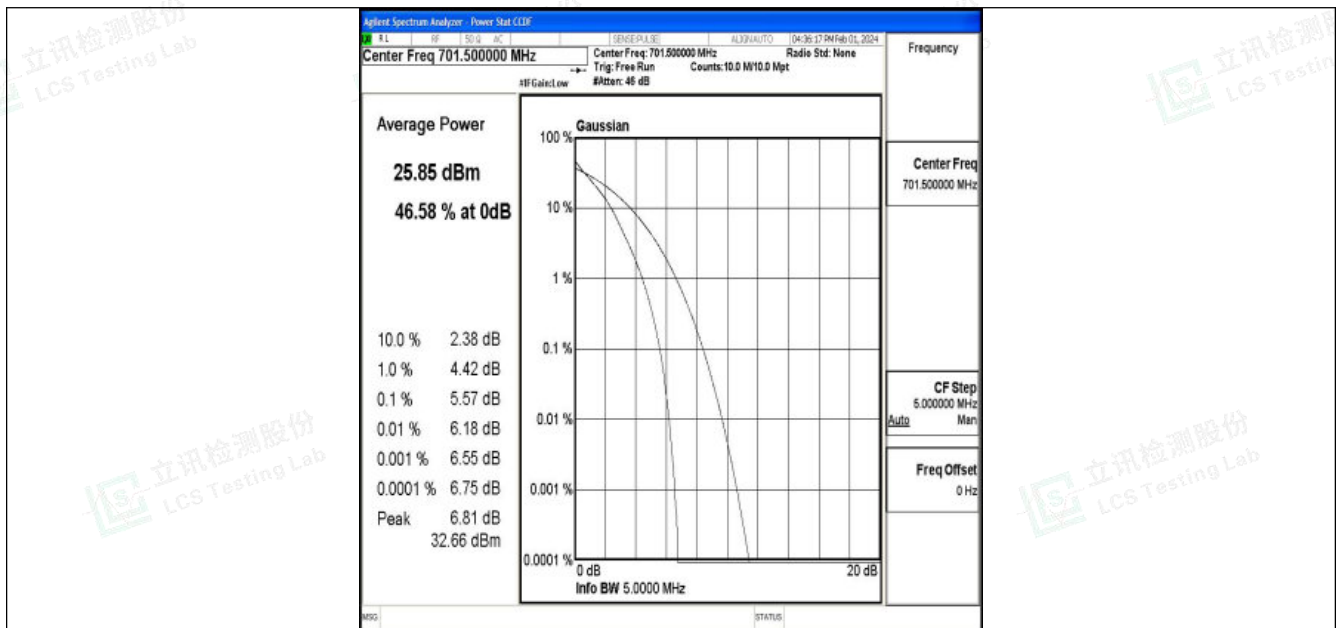


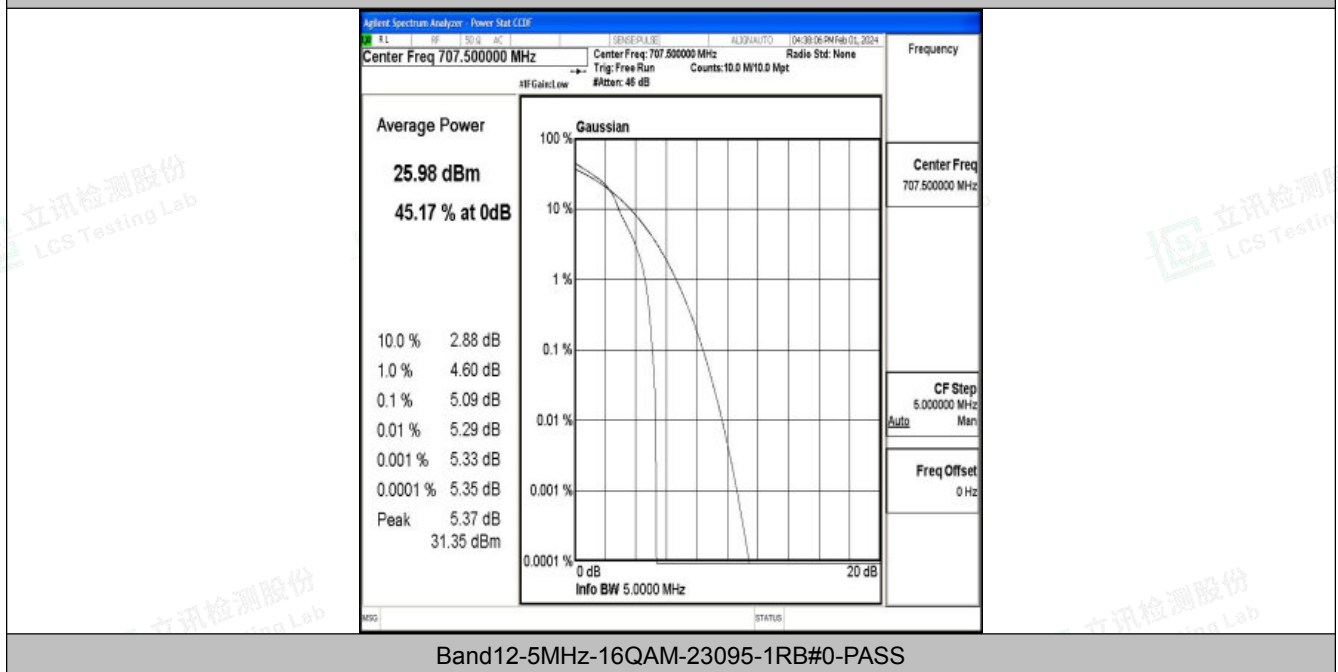
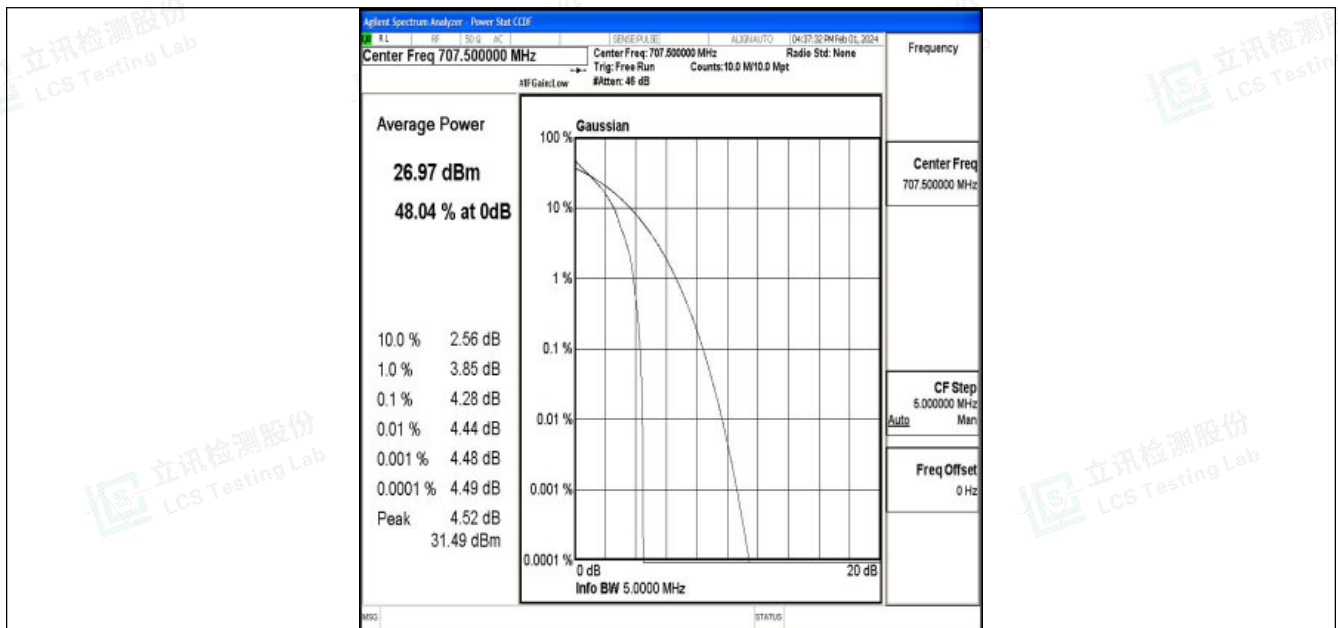
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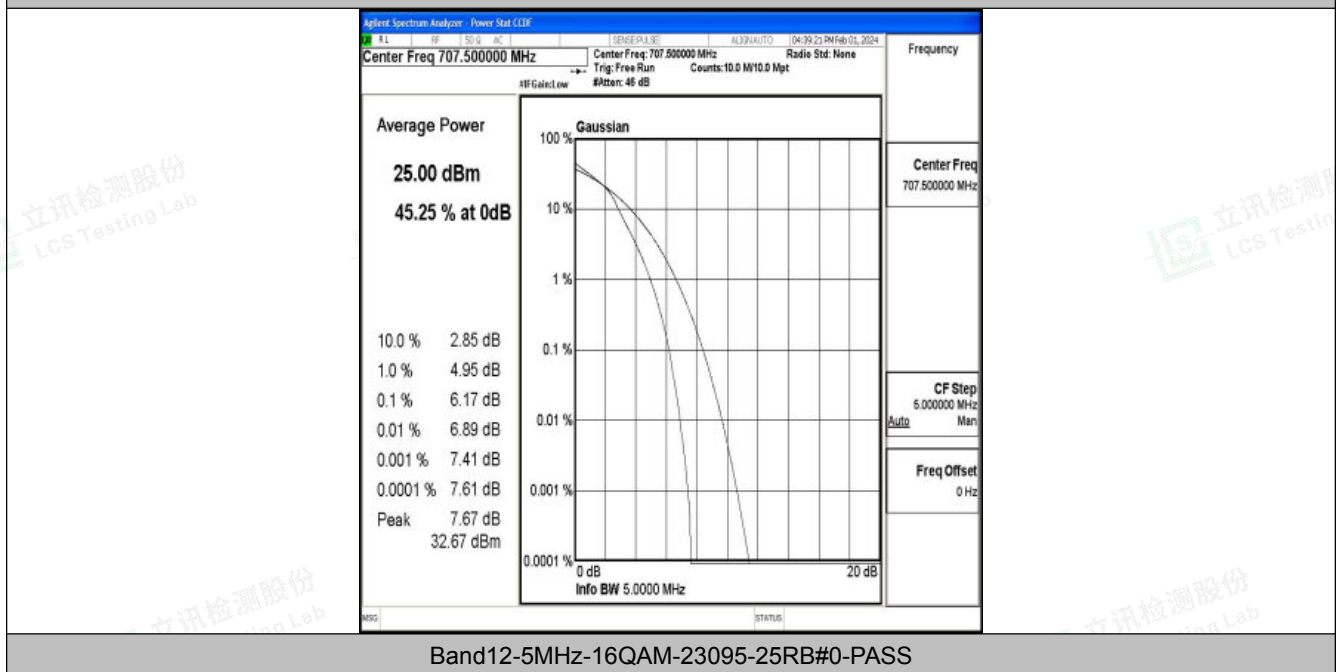
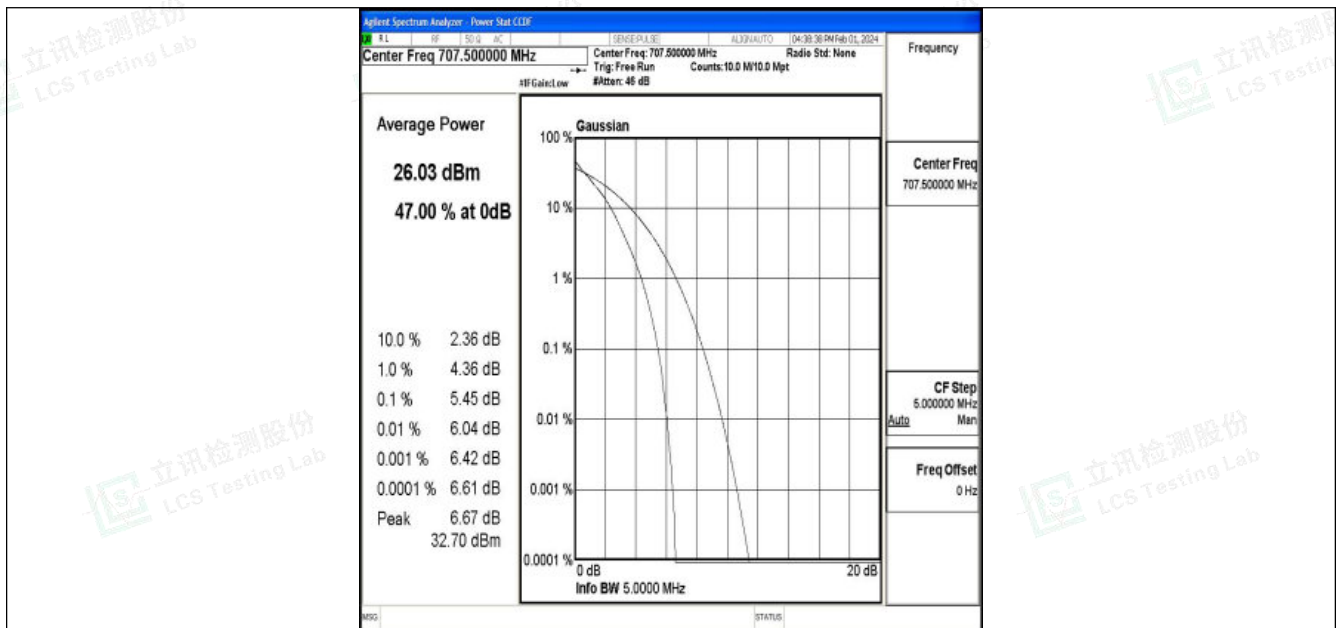
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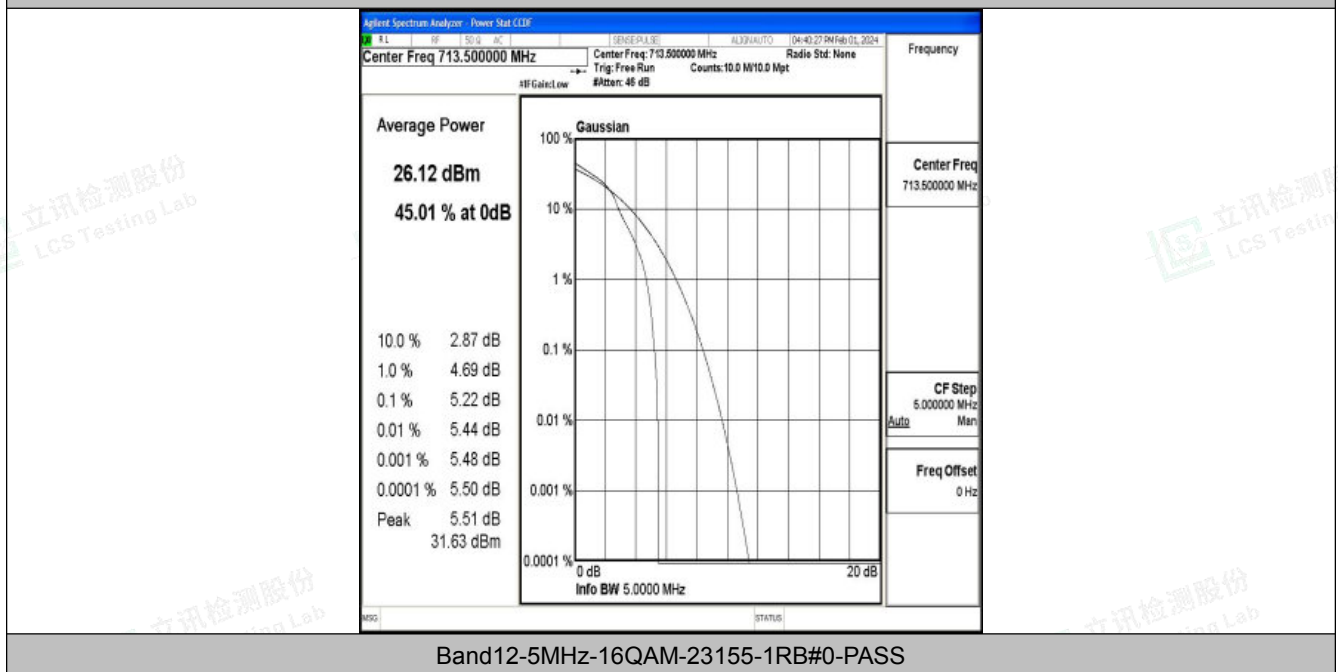
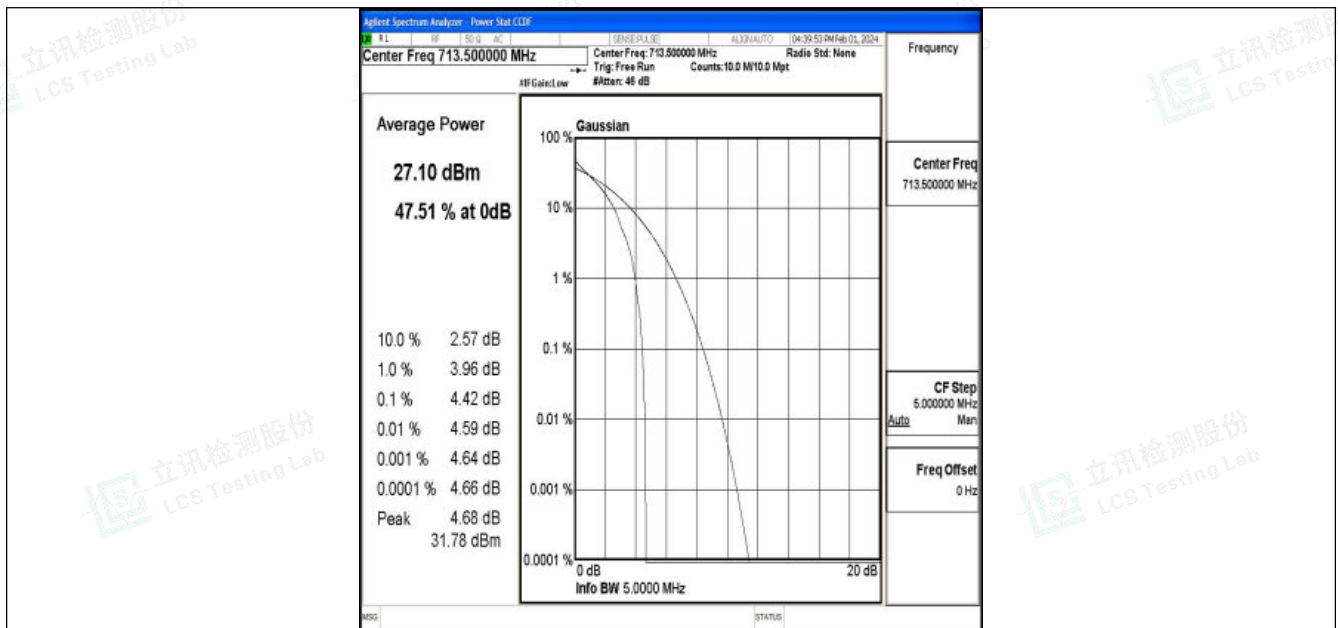


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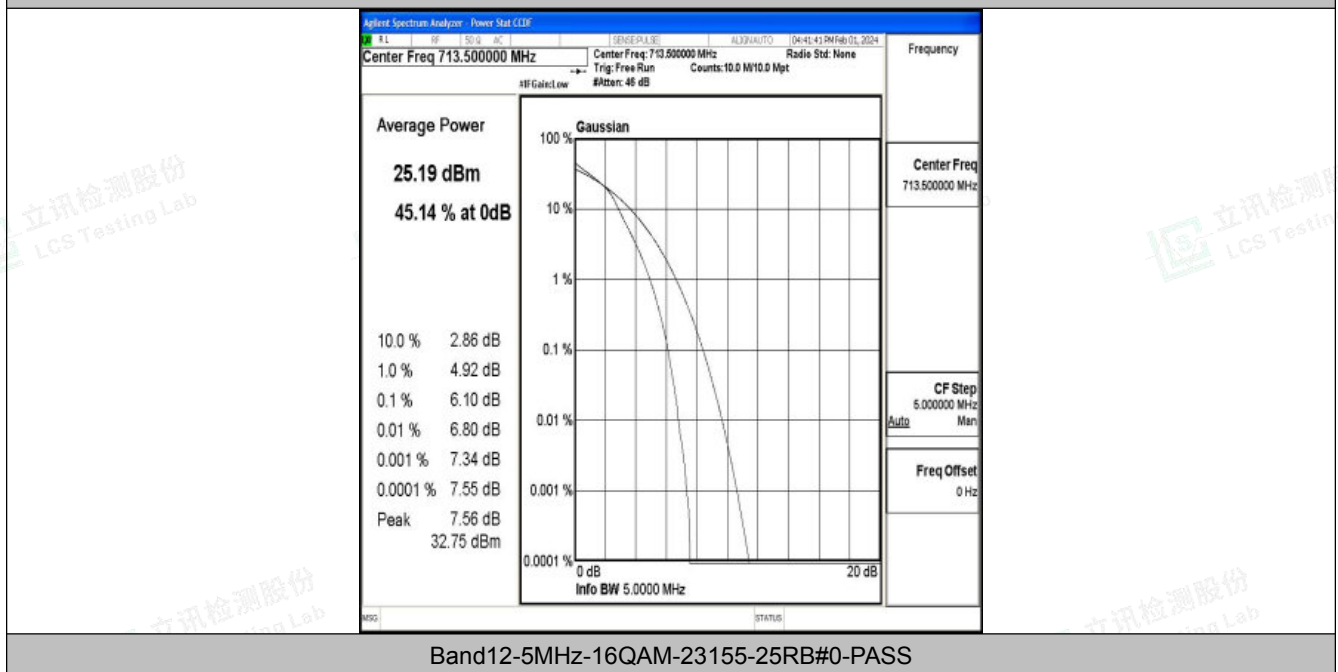
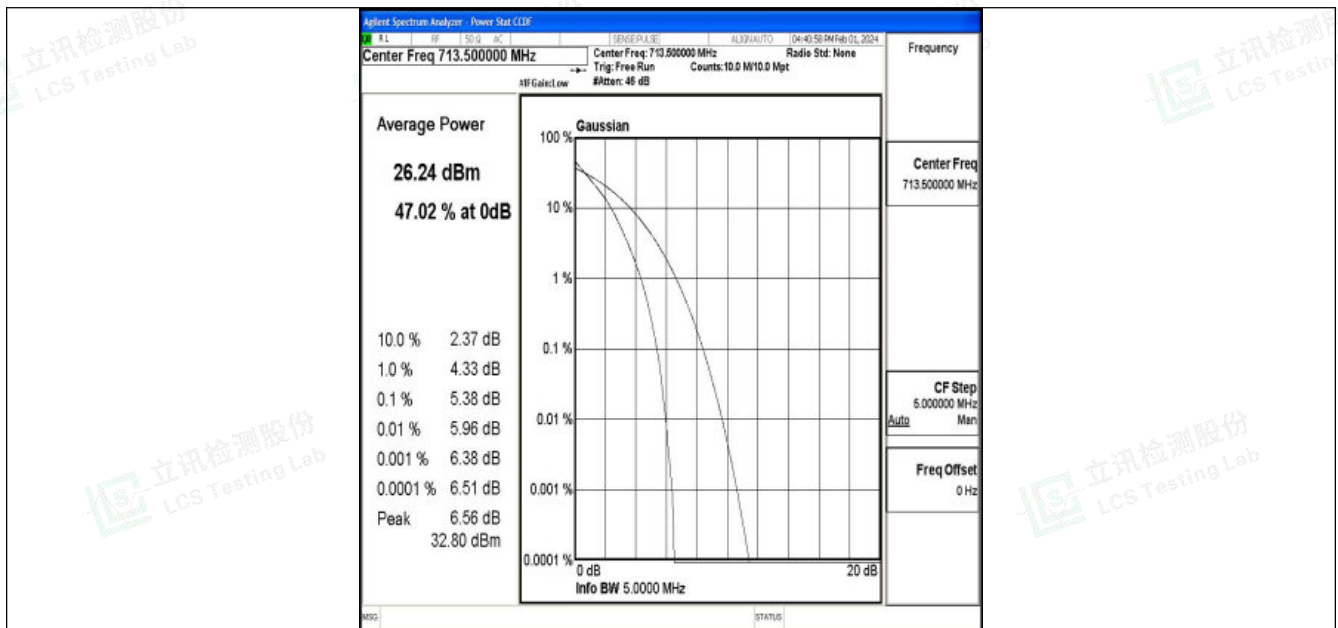


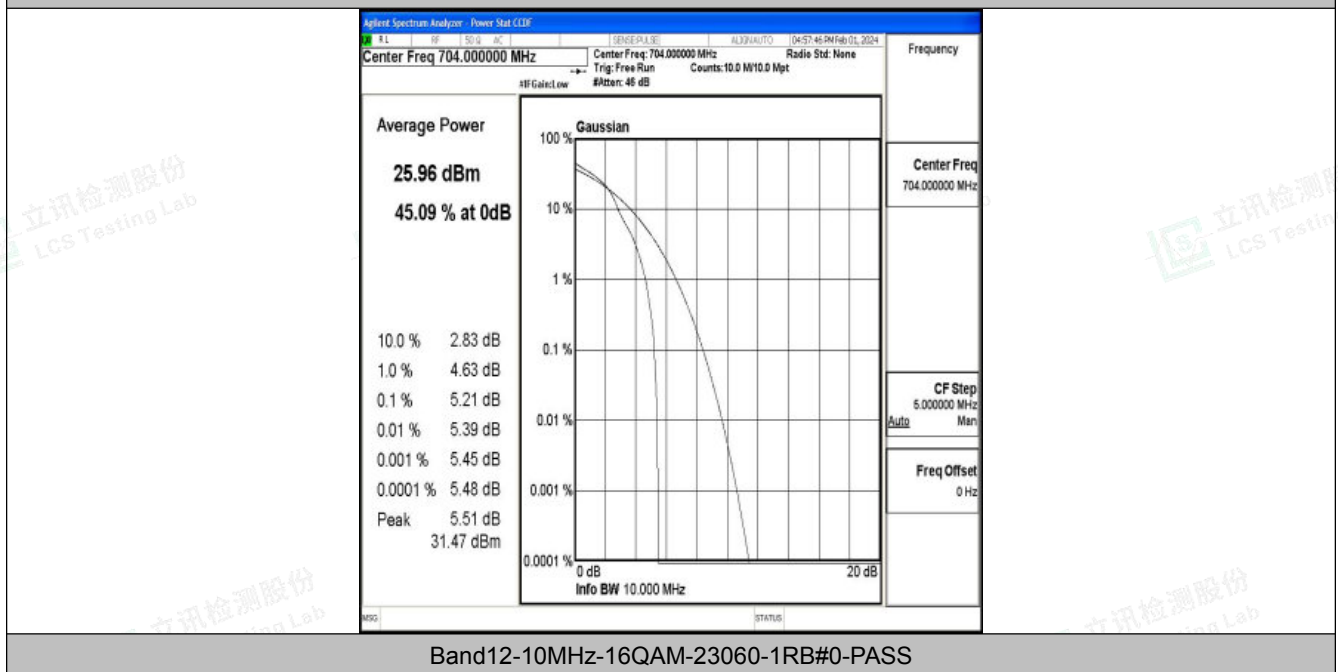
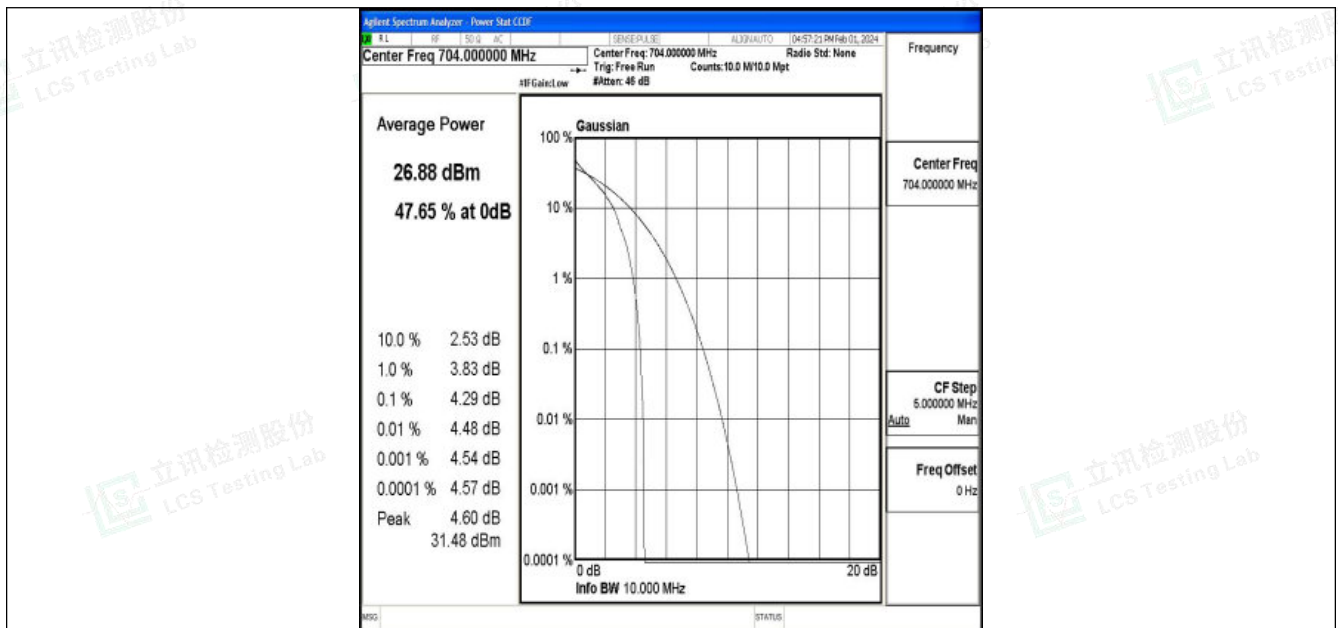
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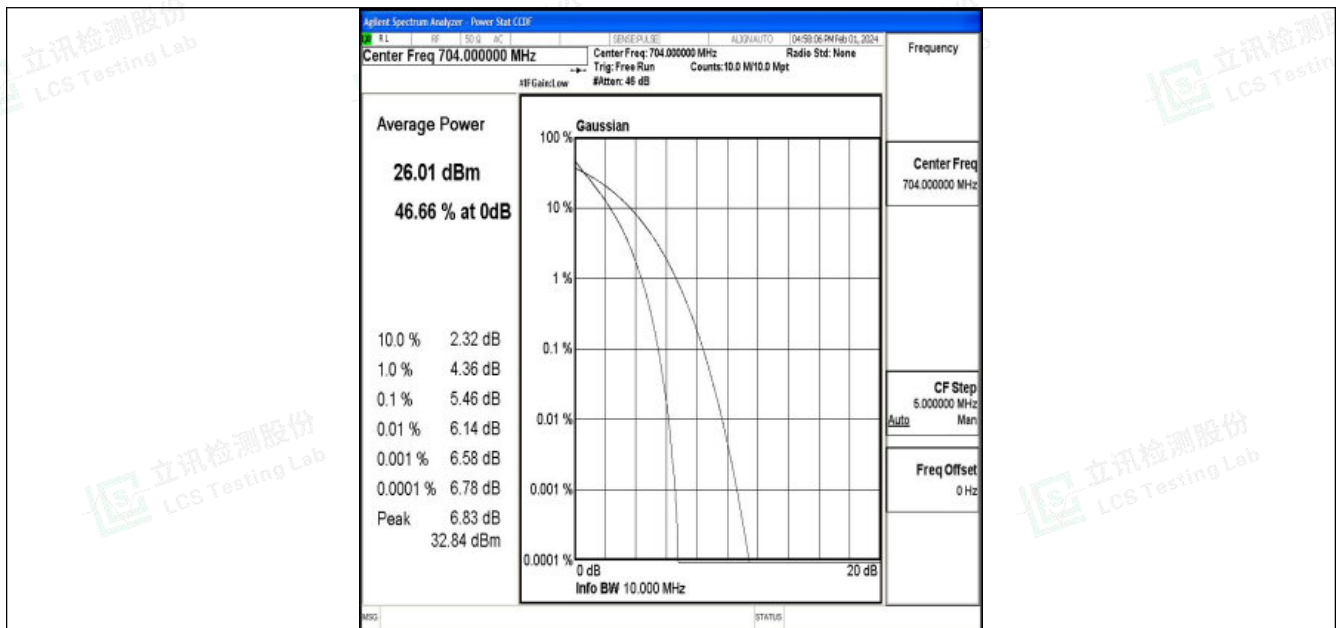


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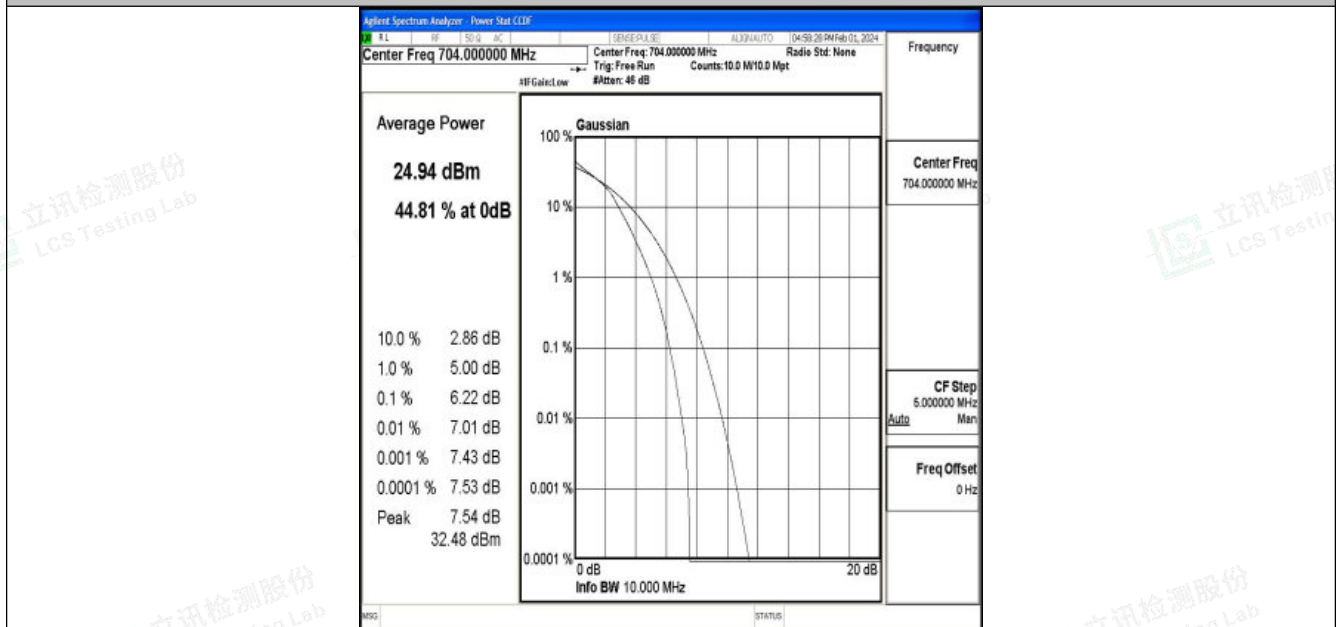
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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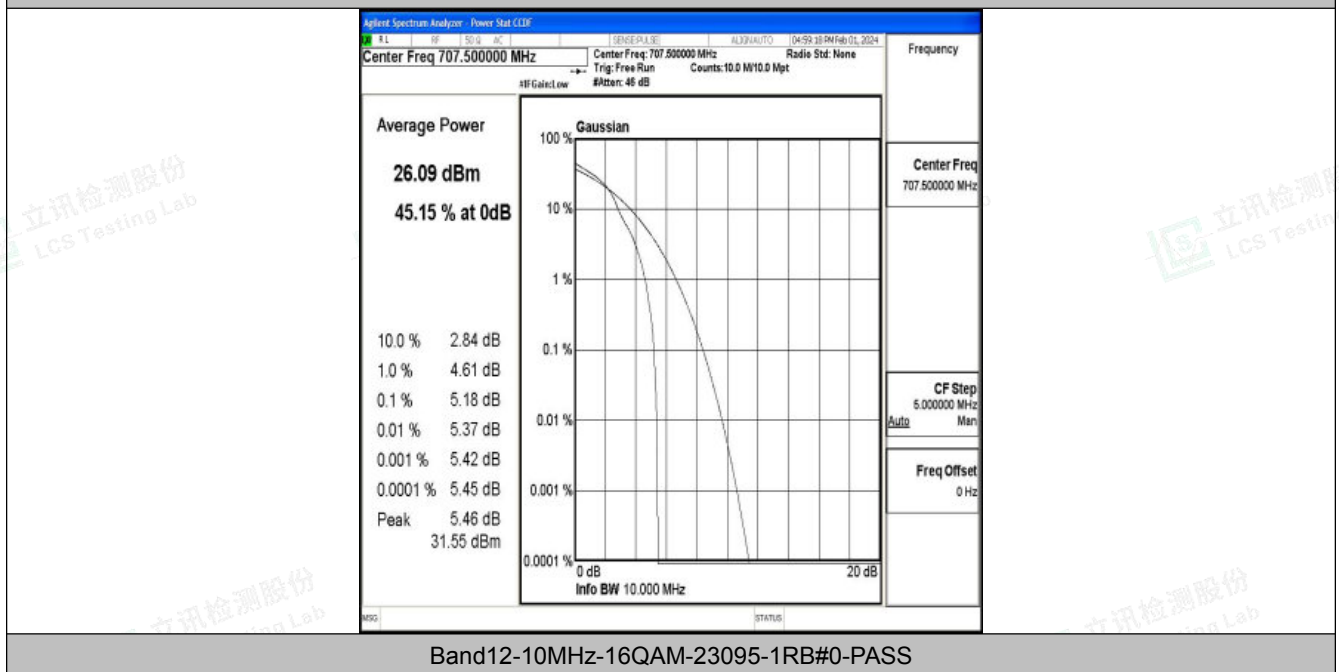
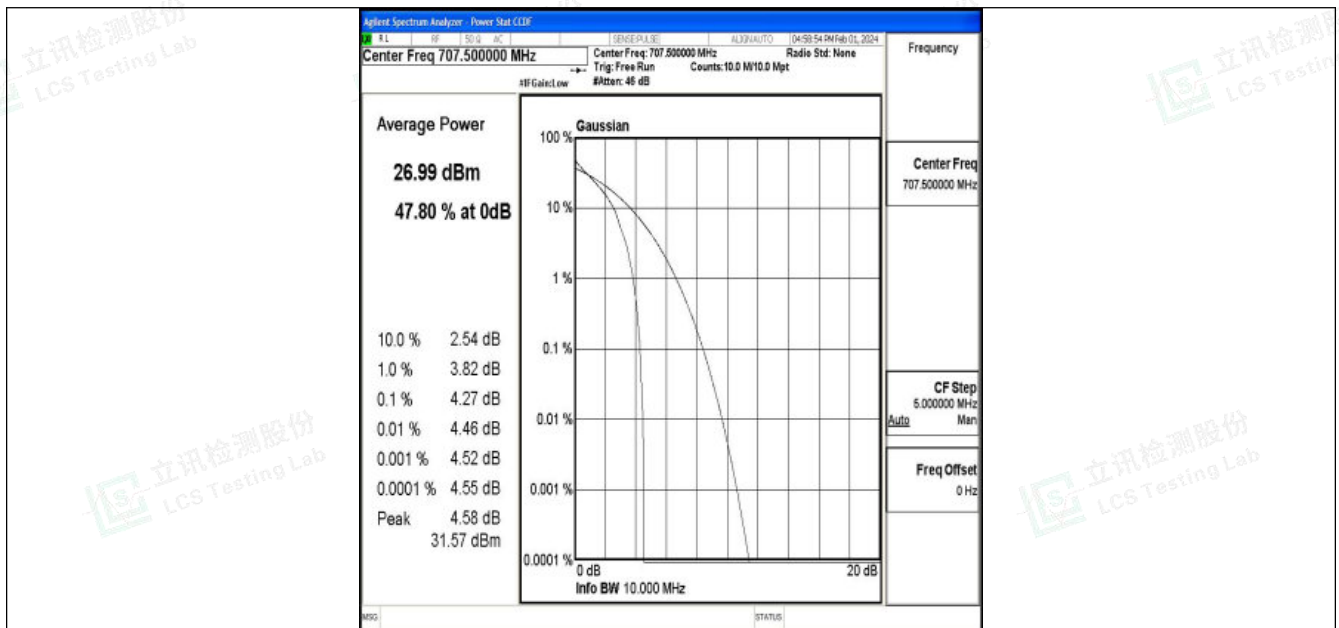


Band12-10MHz-QPSK-23060-50RB#0-PASS



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



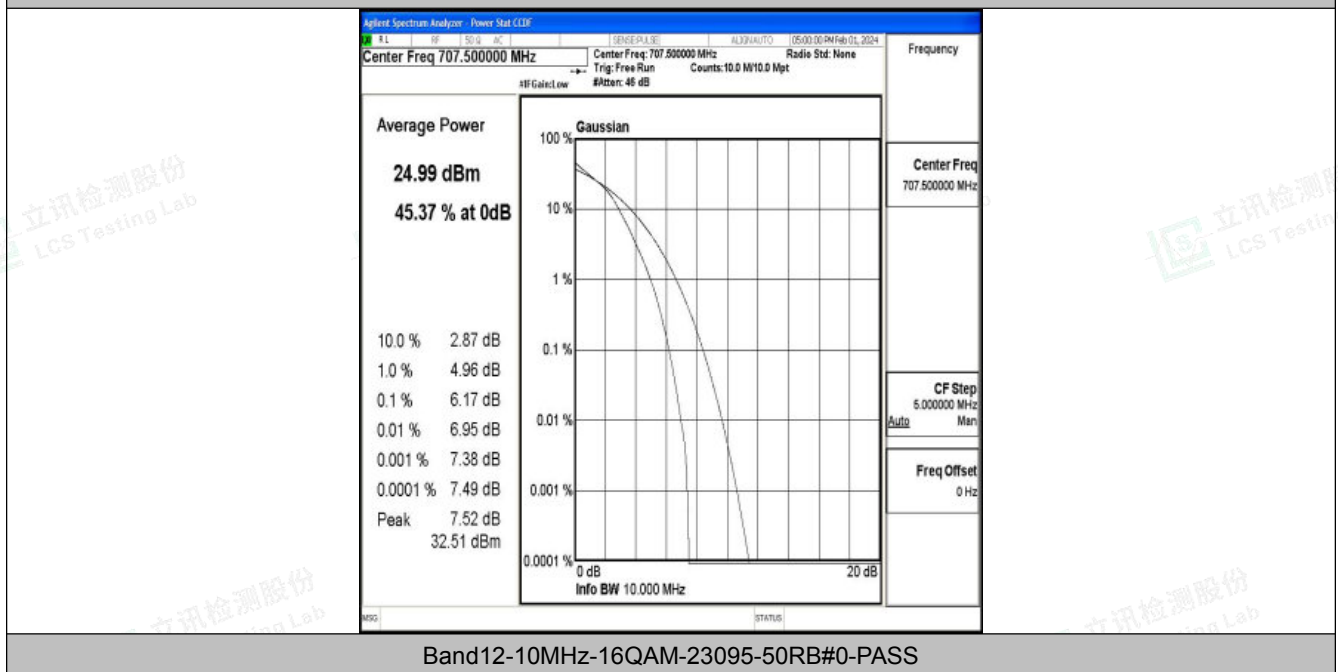
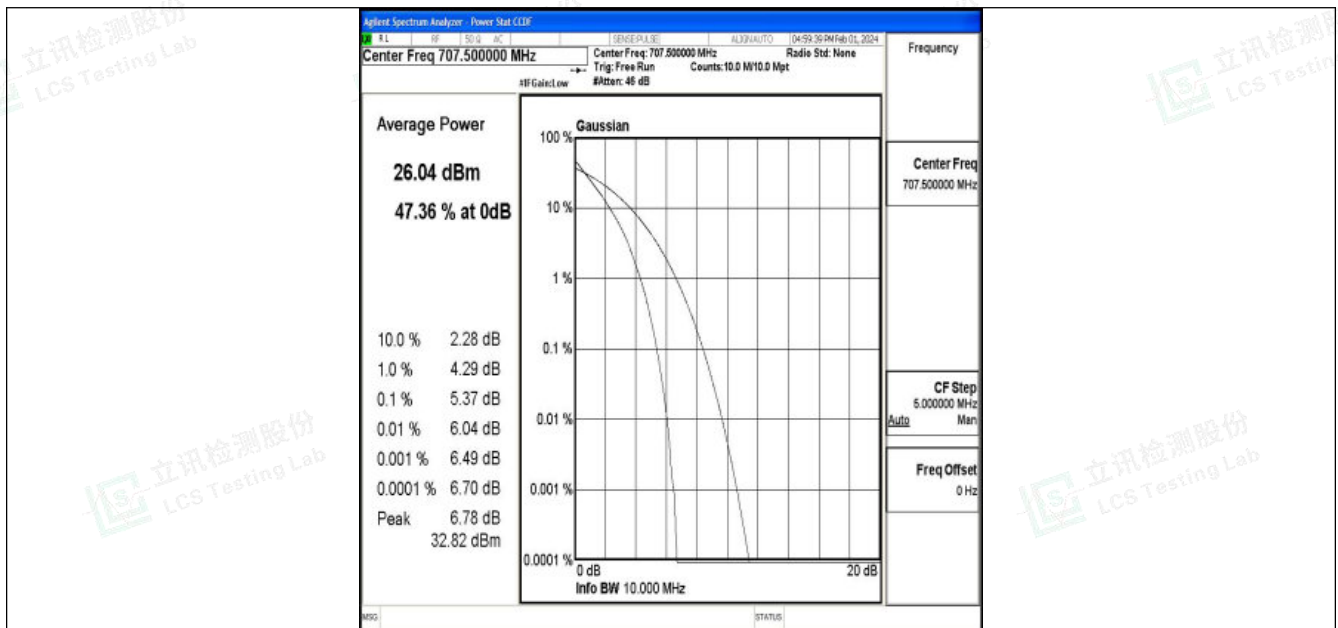


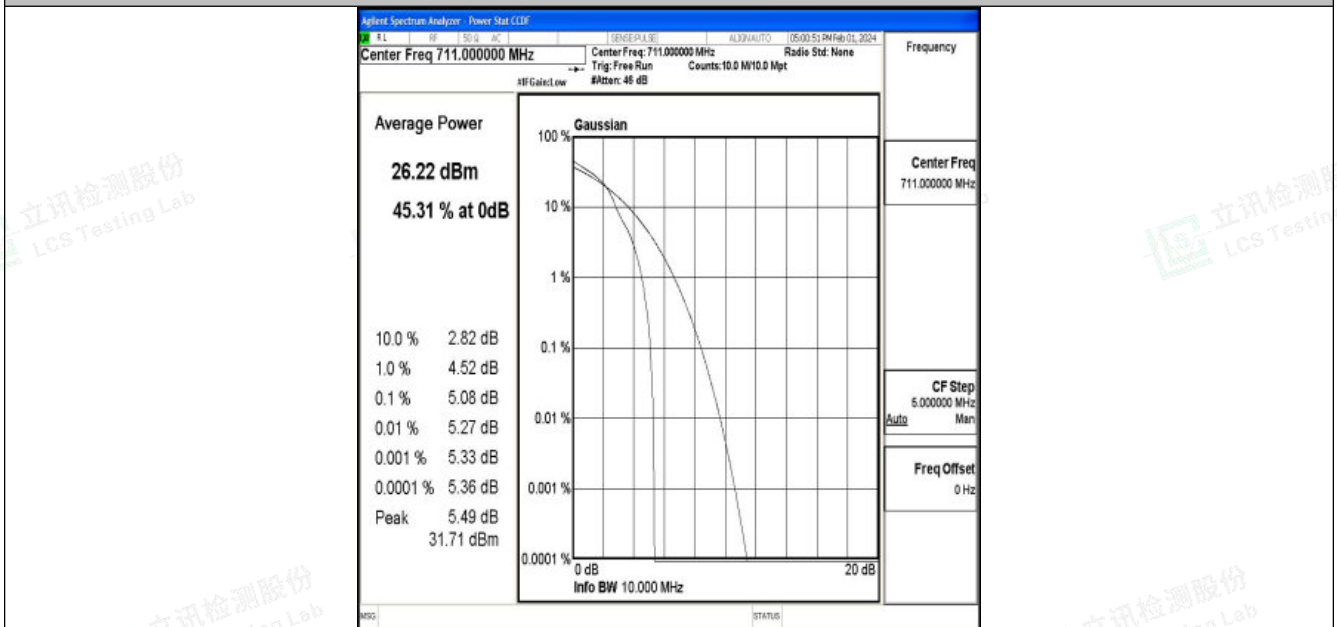
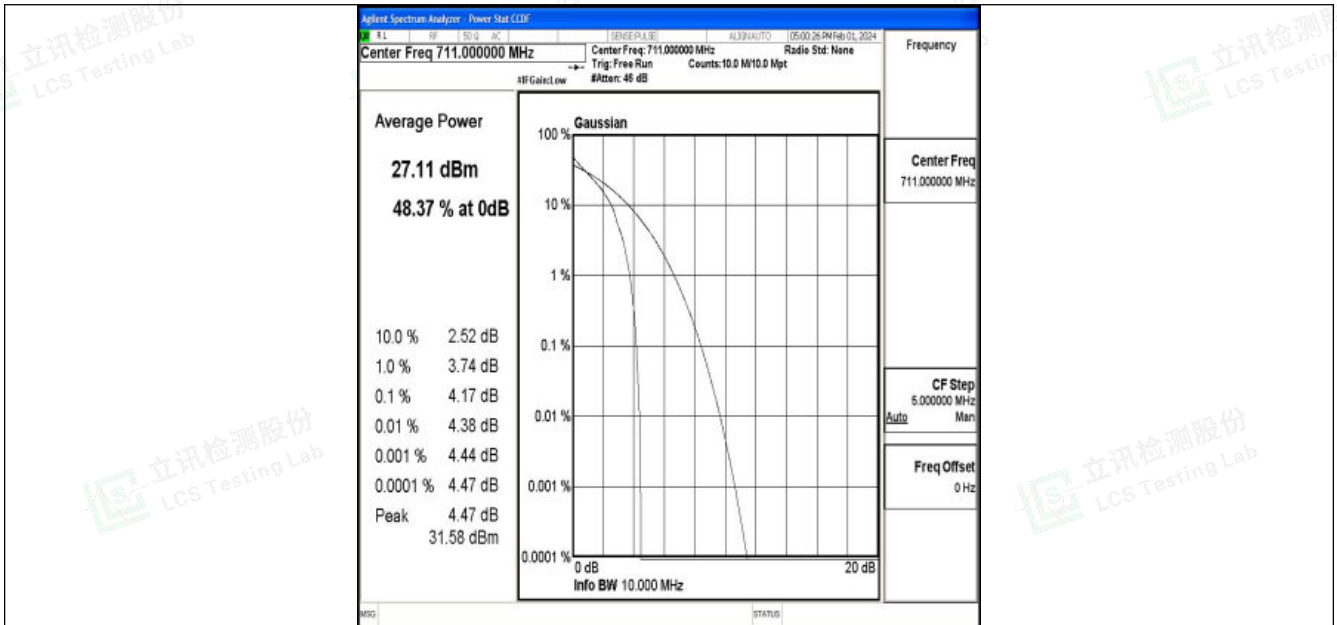
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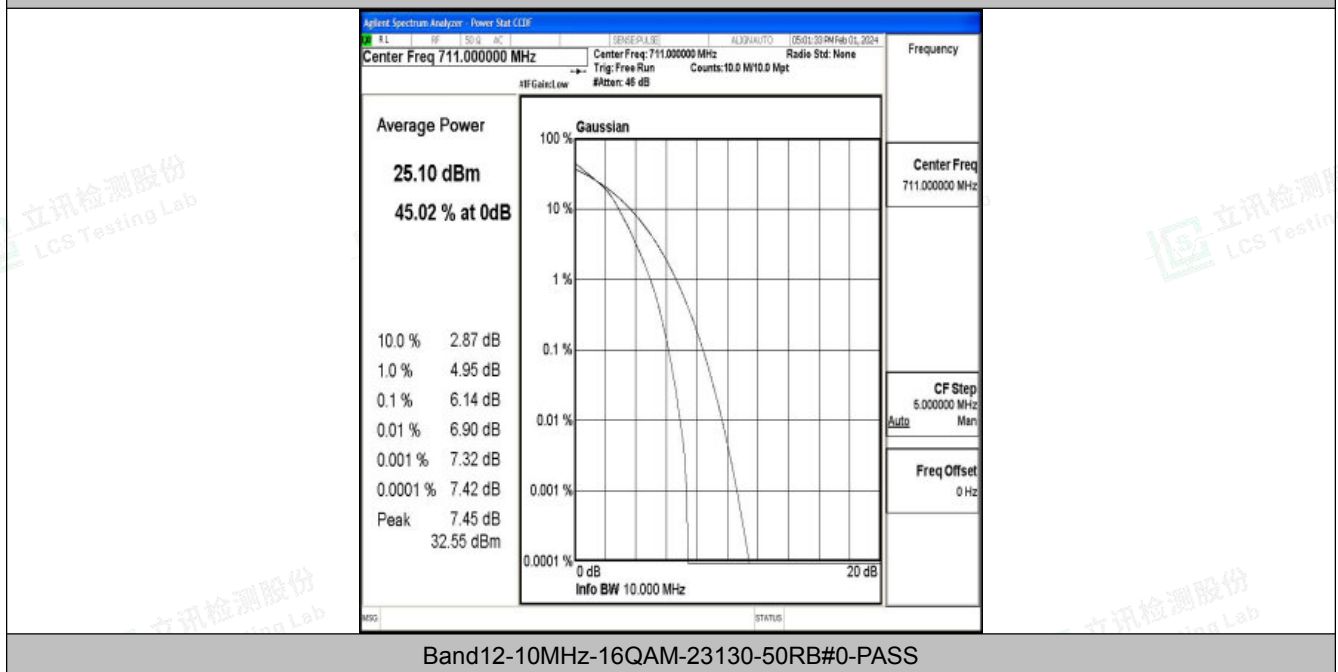
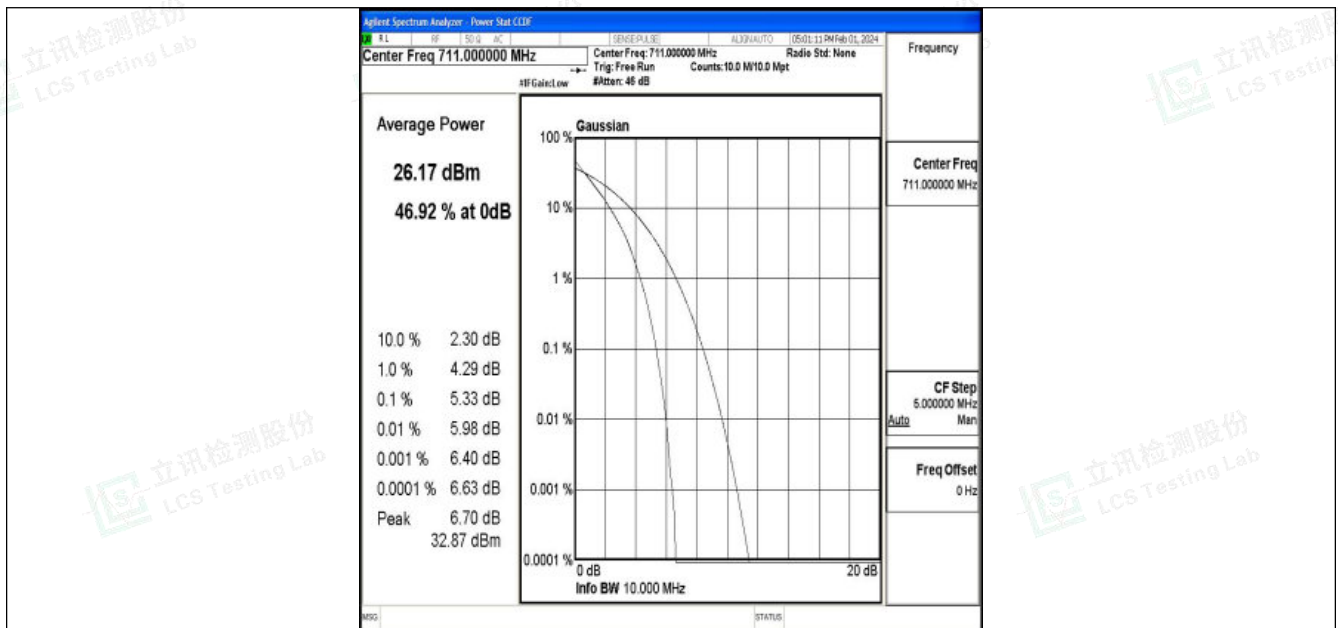


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F.3 26dB Bandwidth and Occupied Bandwidth

Test Result

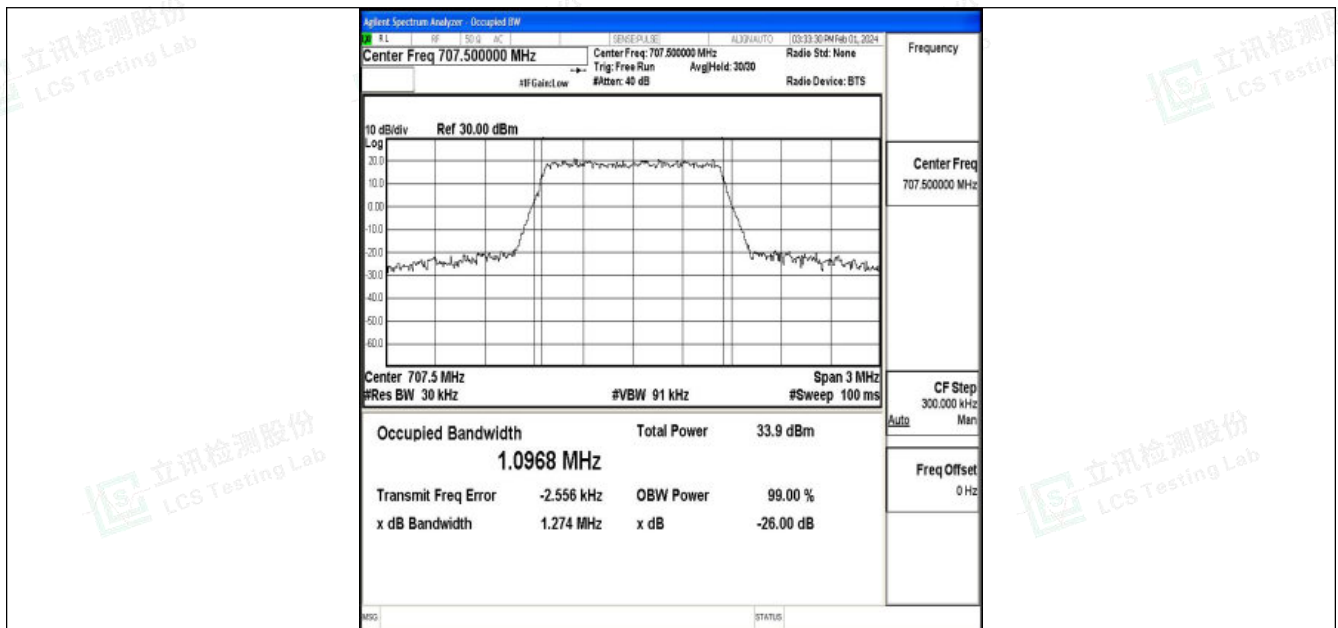
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	1.0923	1.270	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1.0952	1.279	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.0968	1.274	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.0951	1.273	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.0891	1.286	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1.0997	1.283	PASS
Band12	3MHz	QPSK	23025	15RB#0	2.6808	2.906	PASS
Band12	3MHz	16QAM	23025	15RB#0	2.6795	2.927	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.6849	2.927	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.6809	2.948	PASS
Band12	3MHz	QPSK	23165	15RB#0	2.6879	2.955	PASS
Band12	3MHz	16QAM	23165	15RB#0	2.6875	2.931	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.5019	4.912	PASS
Band12	5MHz	16QAM	23035	25RB#0	4.4978	4.887	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.4899	4.923	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.4910	4.907	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.5138	4.929	PASS
Band12	5MHz	16QAM	23155	25RB#0	4.4989	4.898	PASS
Band12	10MHz	QPSK	23060	50RB#0	8.9706	9.799	PASS
Band12	10MHz	16QAM	23060	50RB#0	8.9800	9.712	PASS
Band12	10MHz	QPSK	23095	50RB#0	8.9663	9.750	PASS
Band12	10MHz	16QAM	23095	50RB#0	8.9553	9.703	PASS
Band12	10MHz	QPSK	23130	50RB#0	8.9730	9.727	PASS
Band12	10MHz	16QAM	23130	50RB#0	8.9630	9.761	PASS



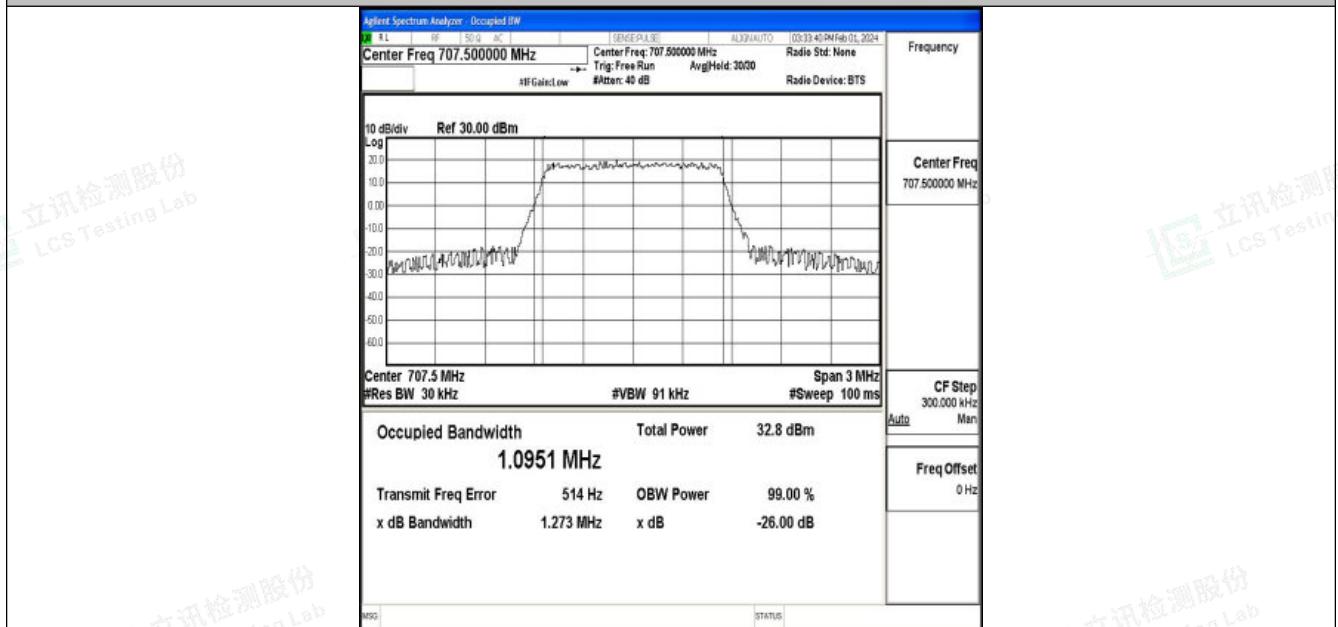


Test Graphs



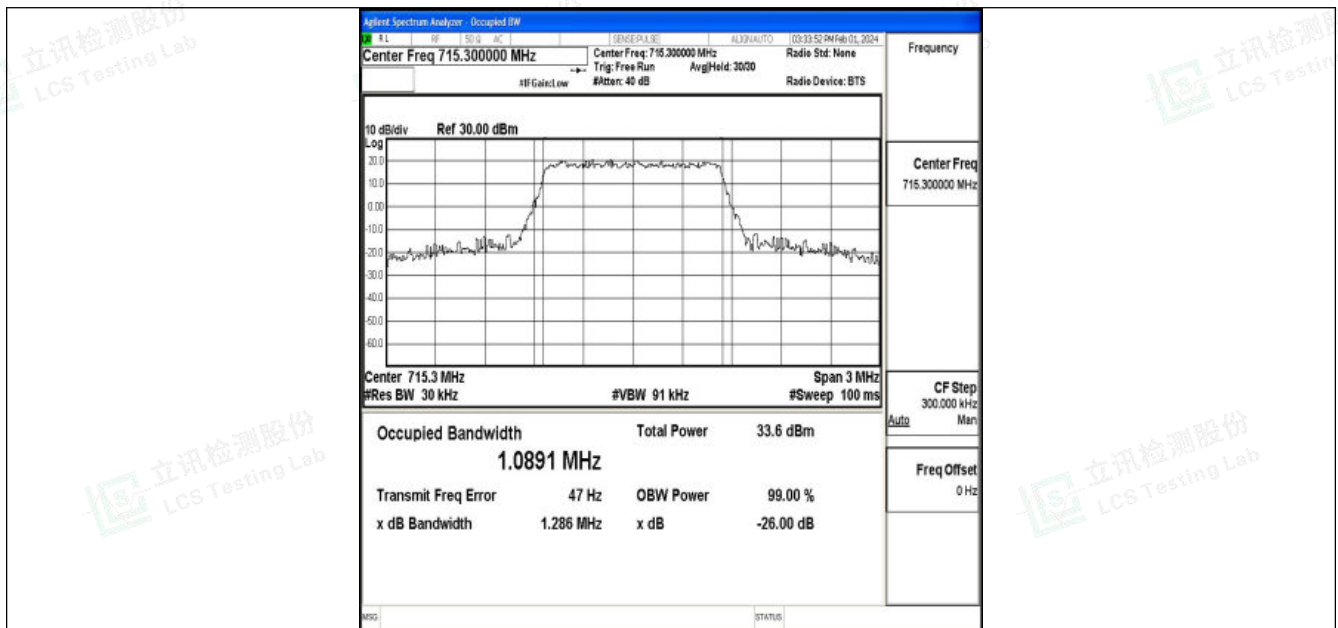


Band12-1.4MHz-QPSK-23095-6RB#0-PASS

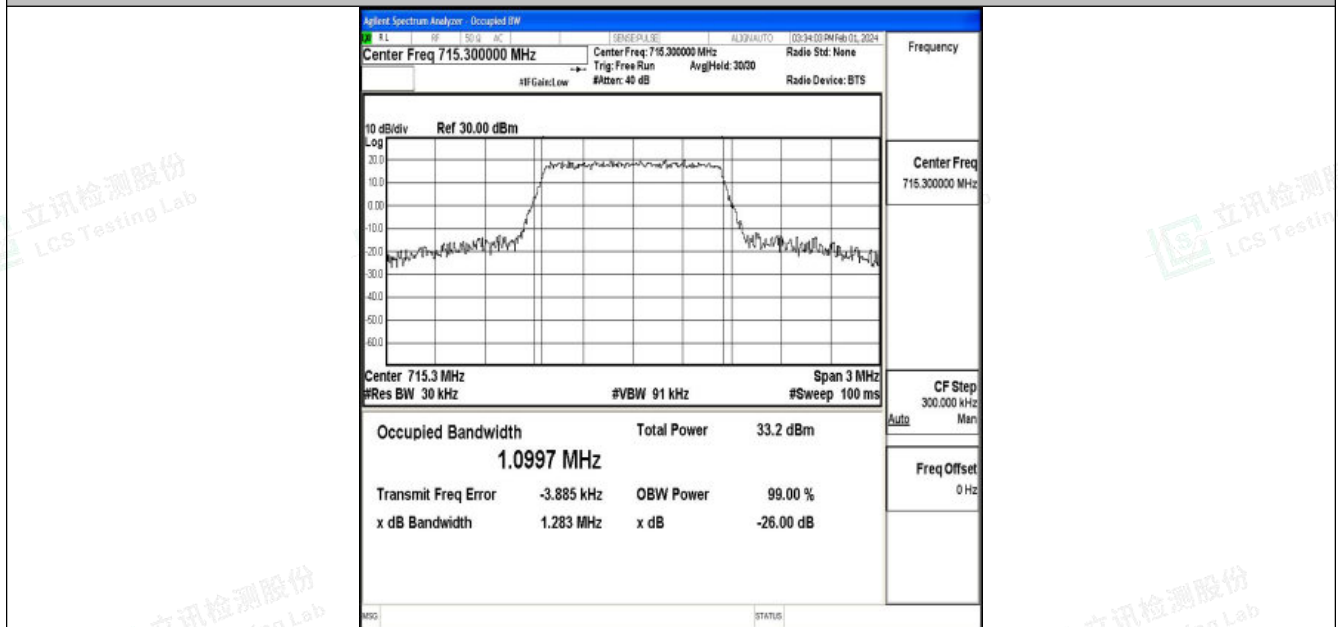


Band12-1.4MHz-16QAM-23095-6RB#0-PASS





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



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

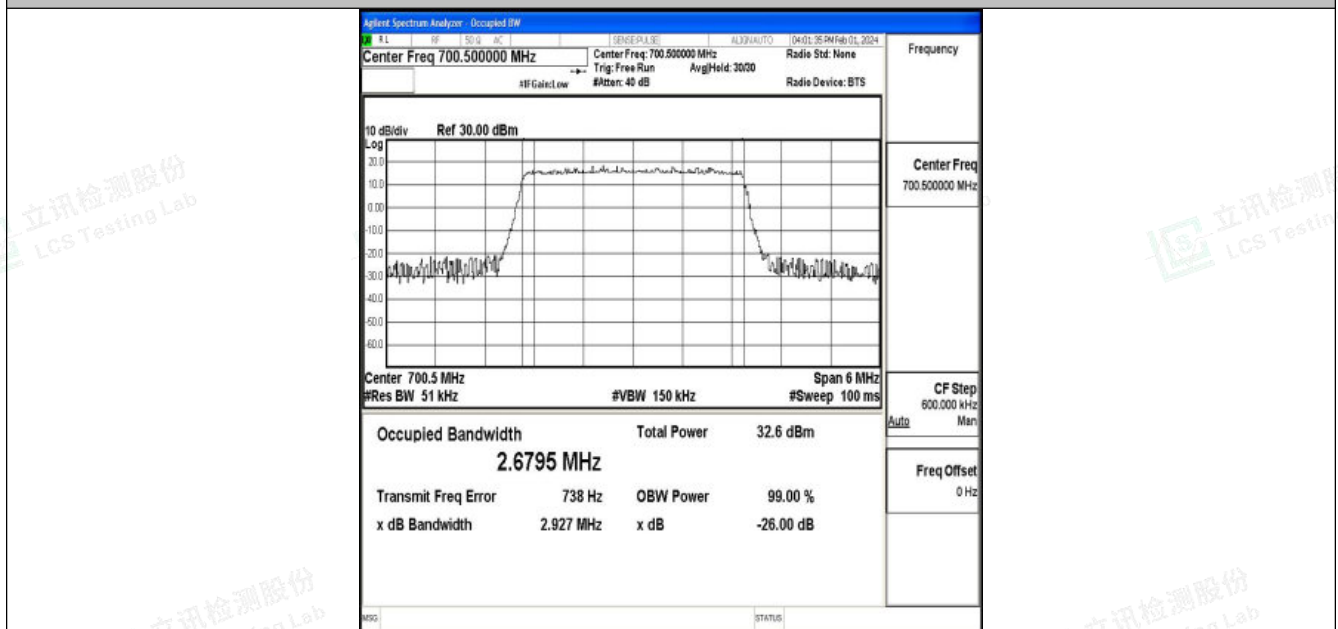
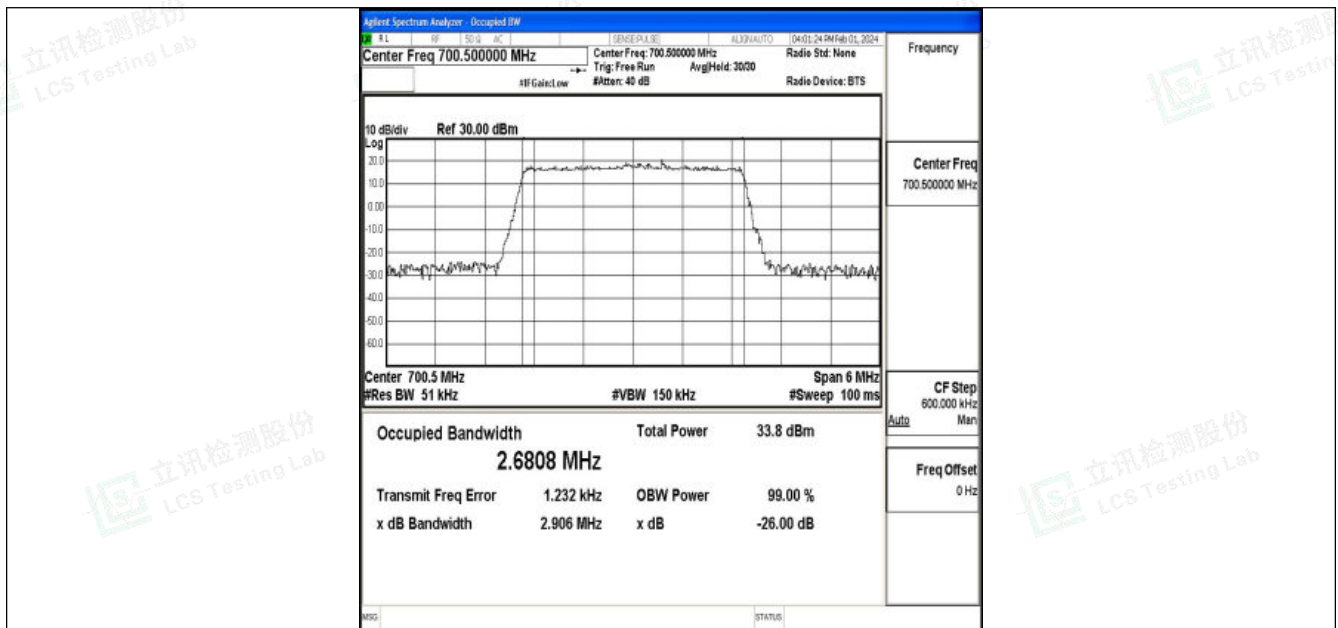


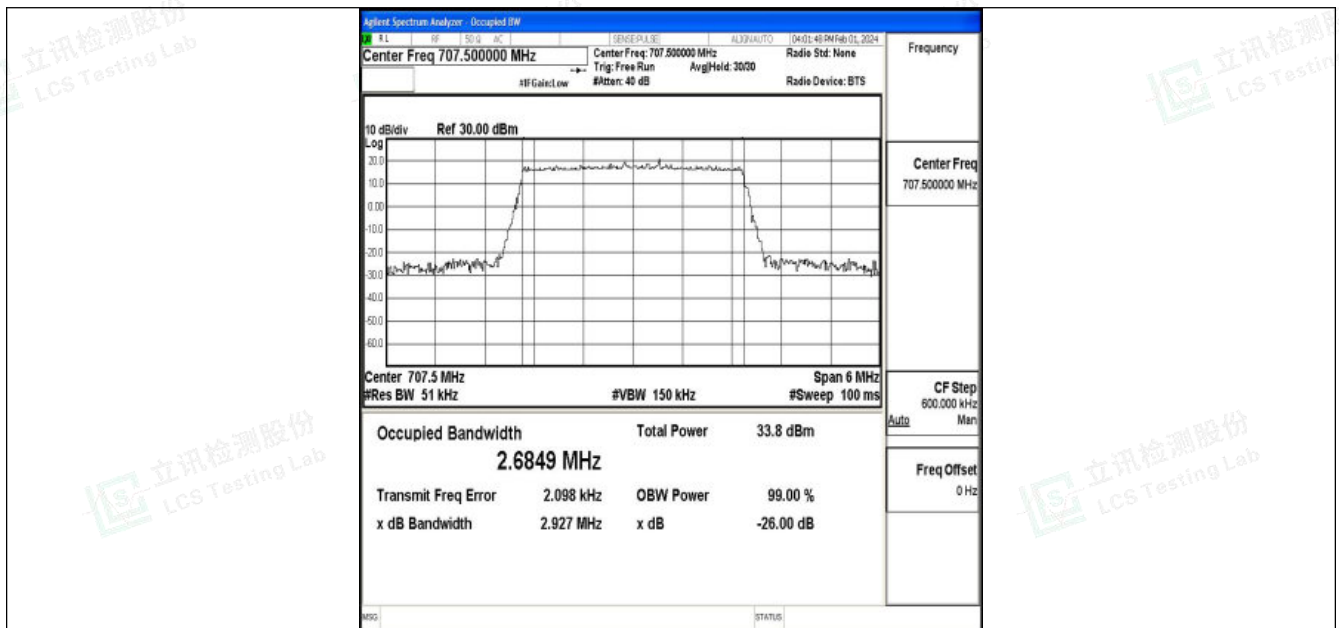
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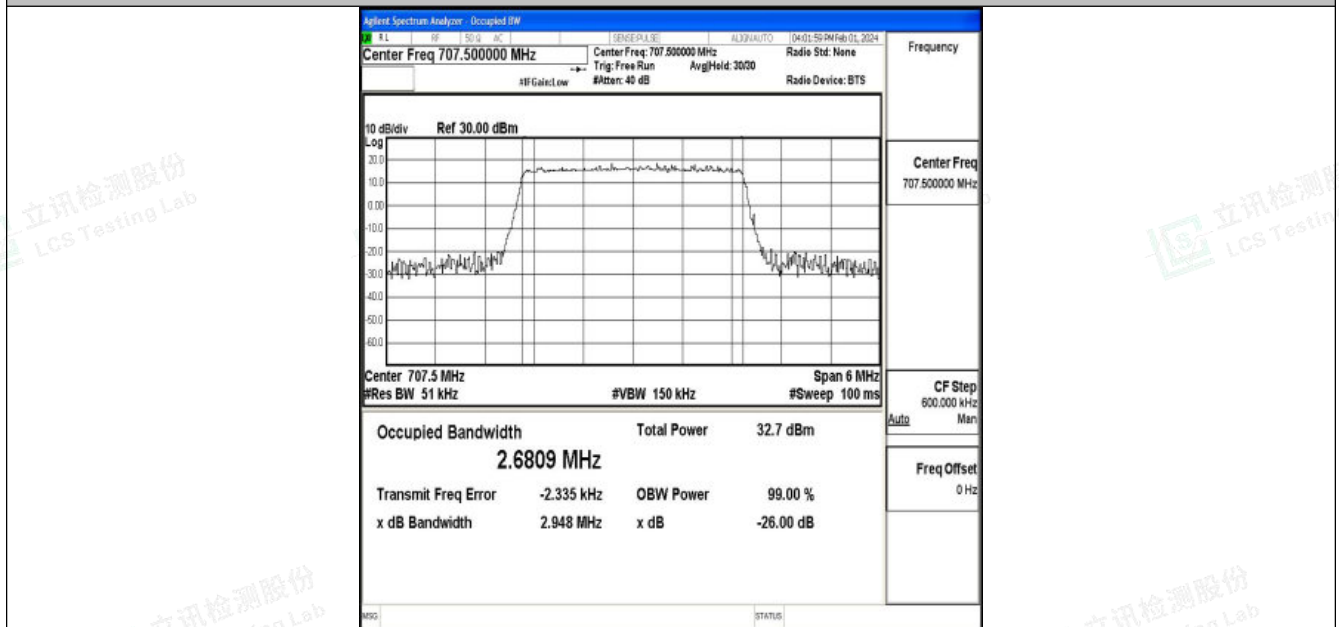
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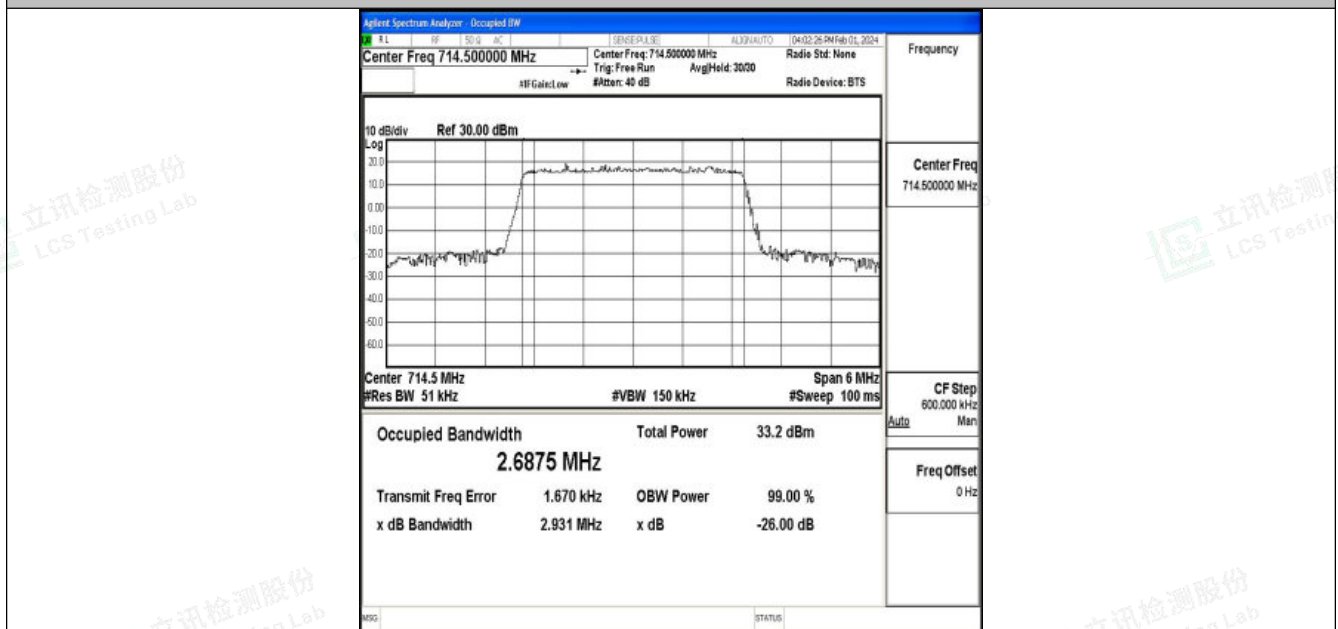
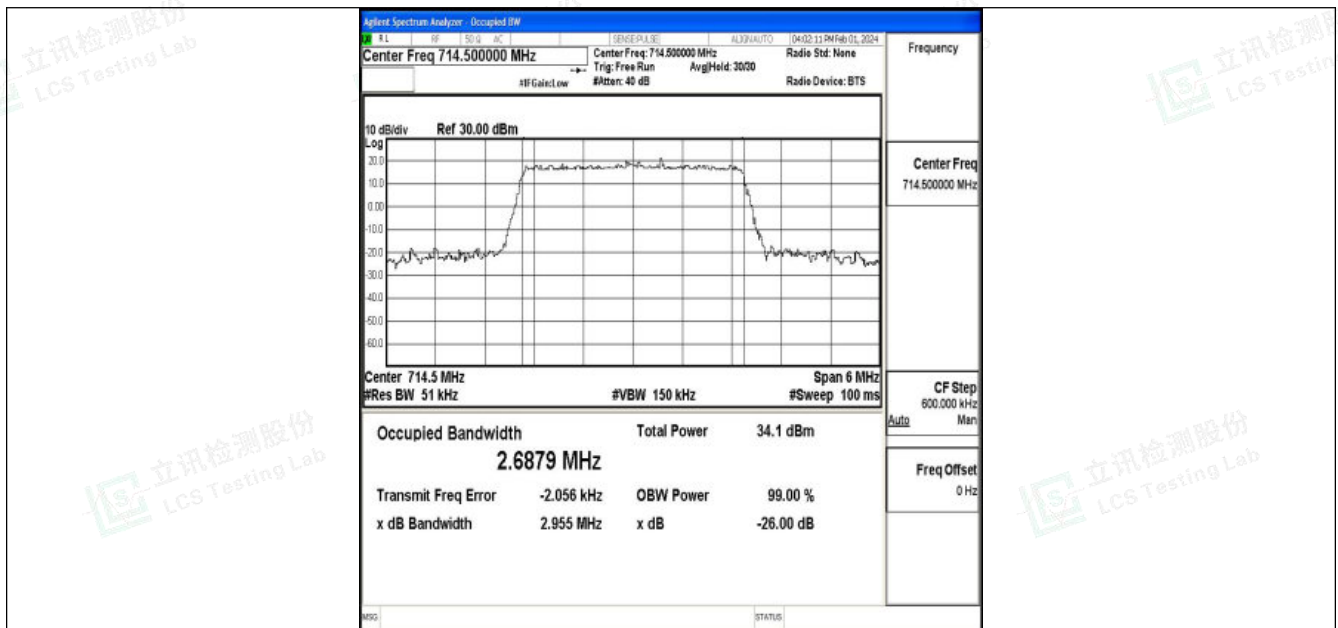


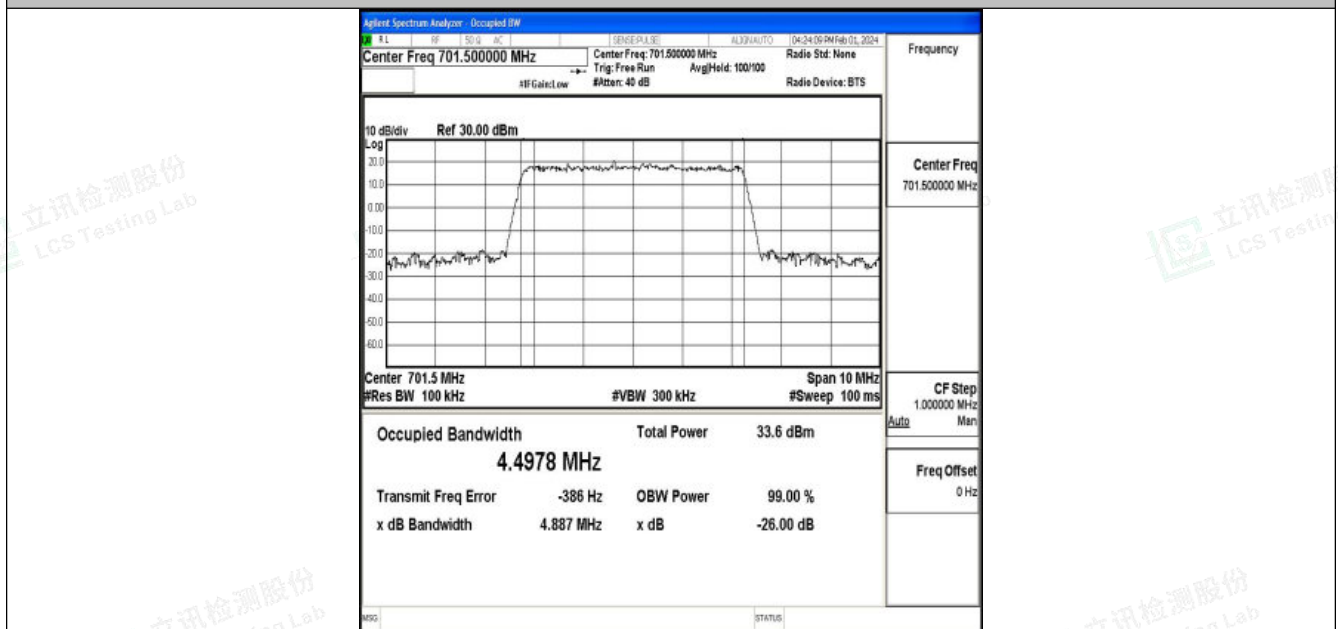
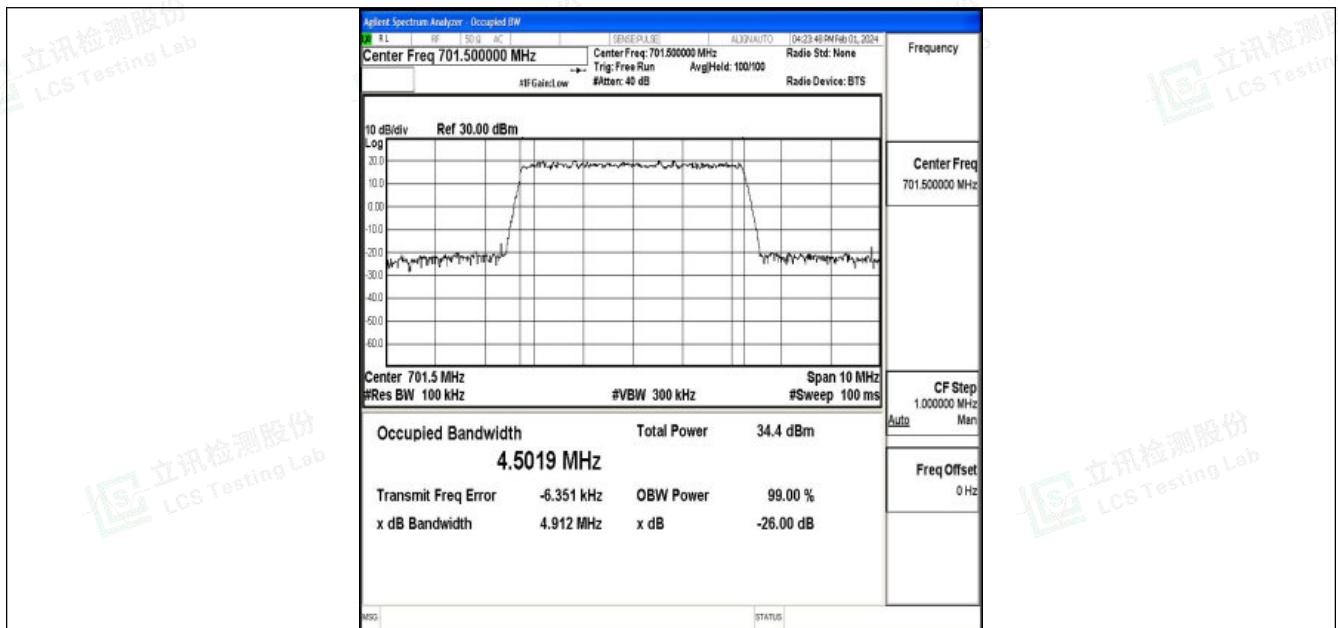
Band12-3MHz-QPSK-23095-15RB#0-PASS

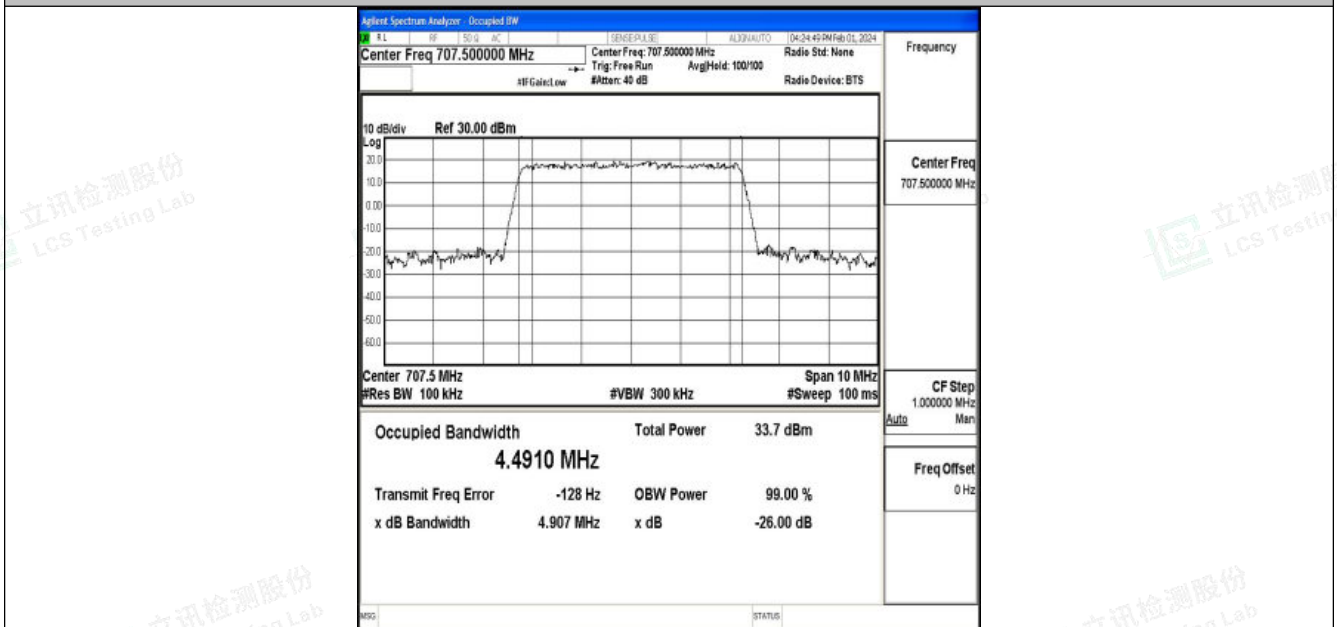
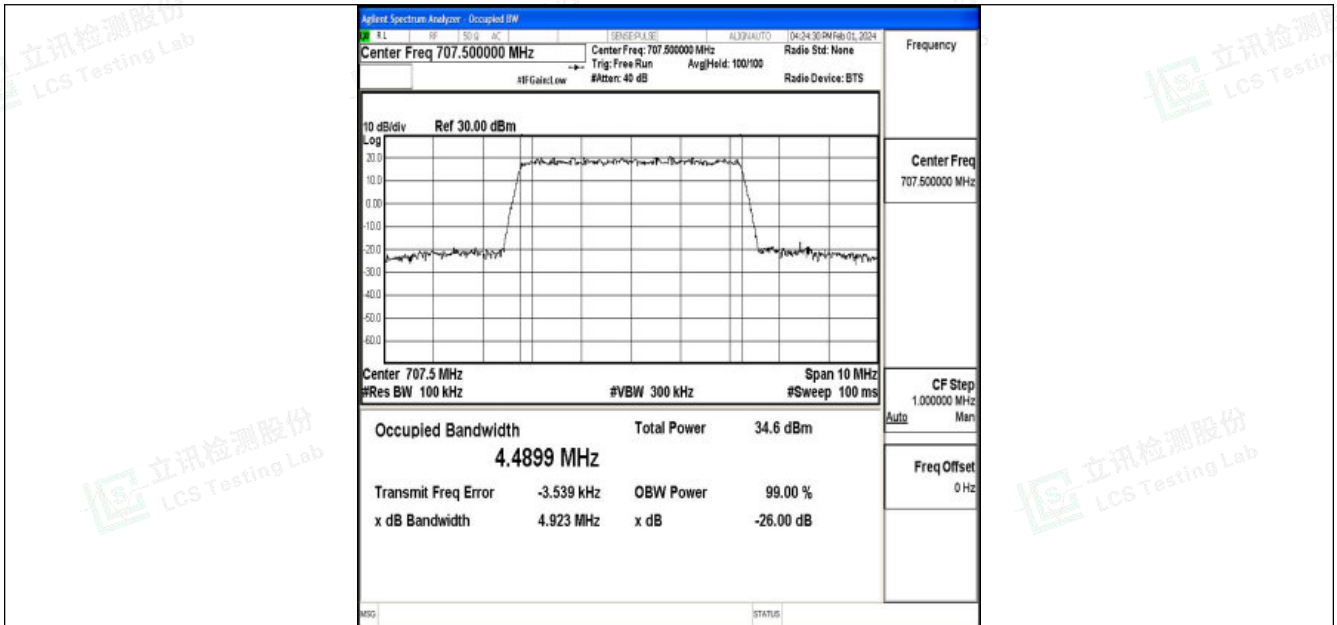


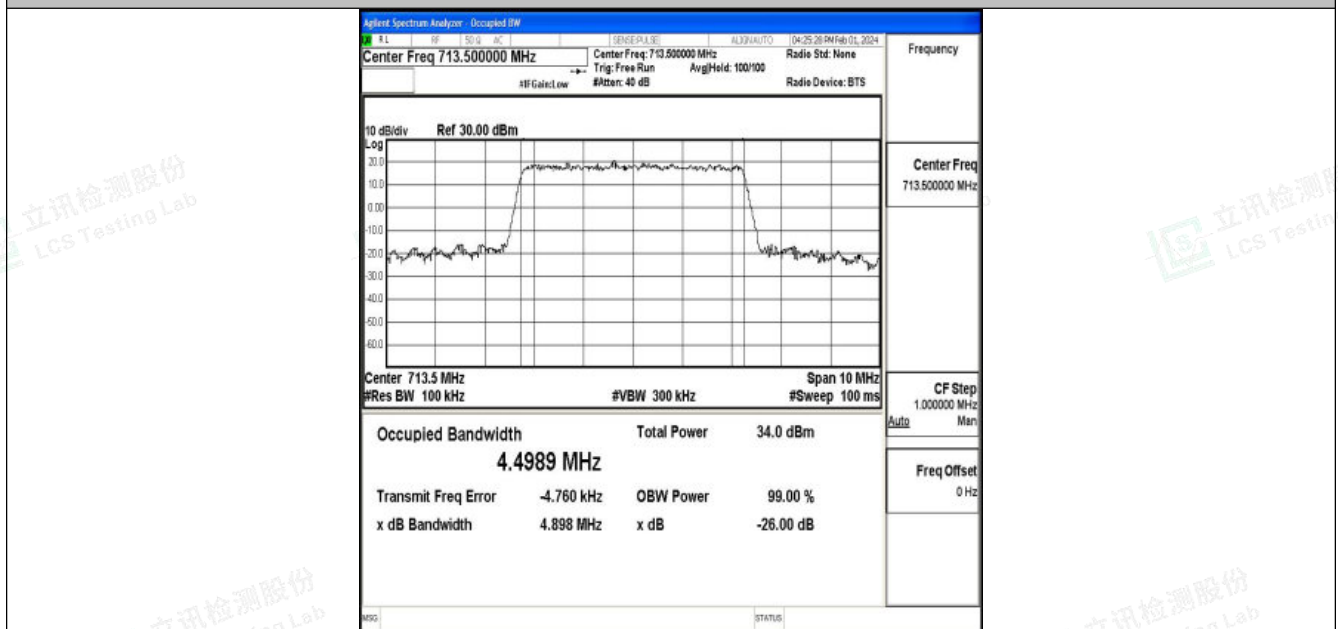
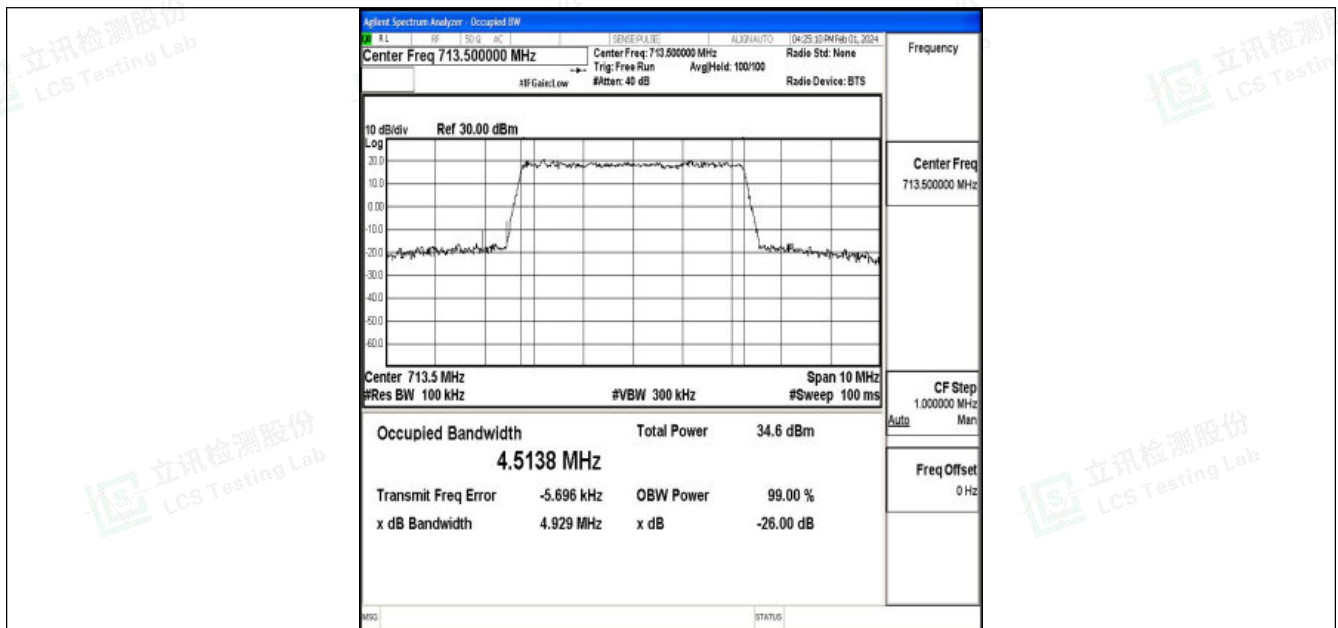
Band12-3MHz-16QAM-23095-15RB#0-PASS

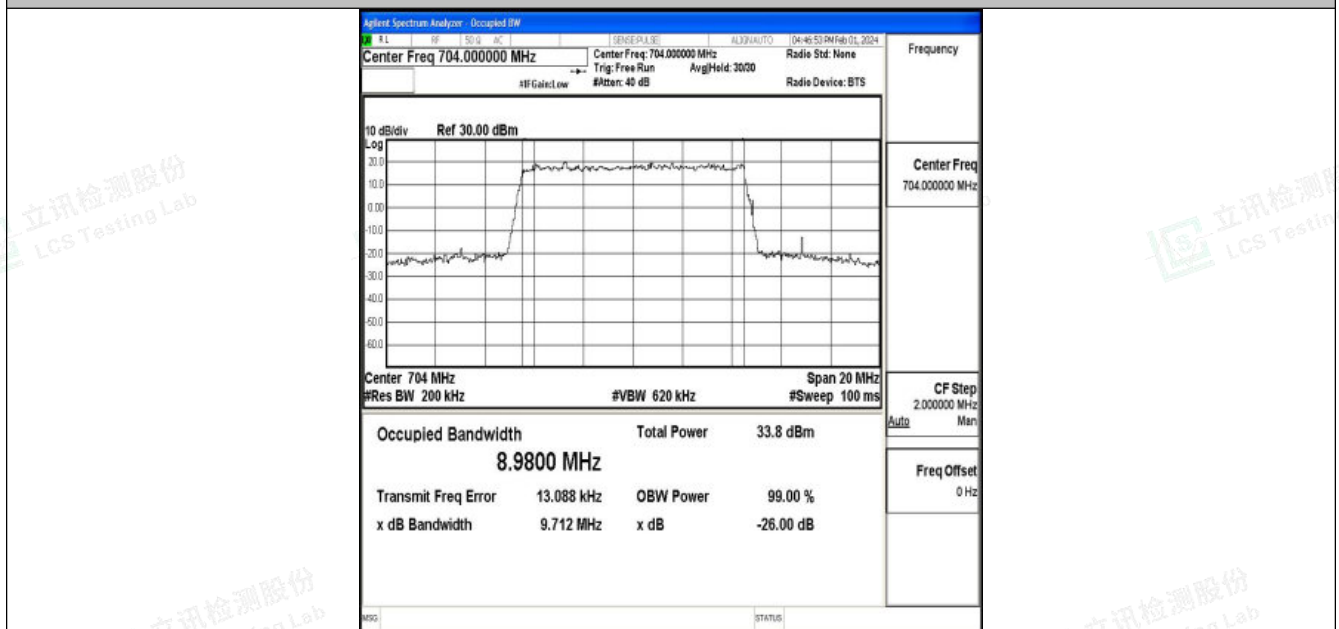
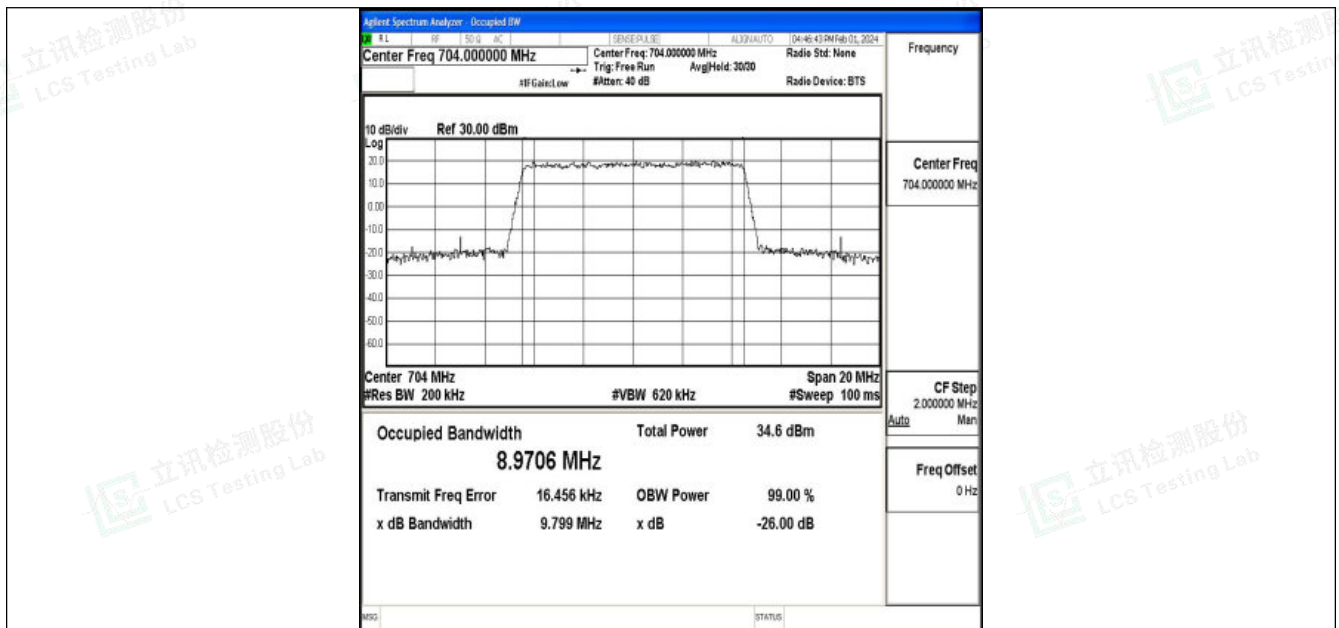


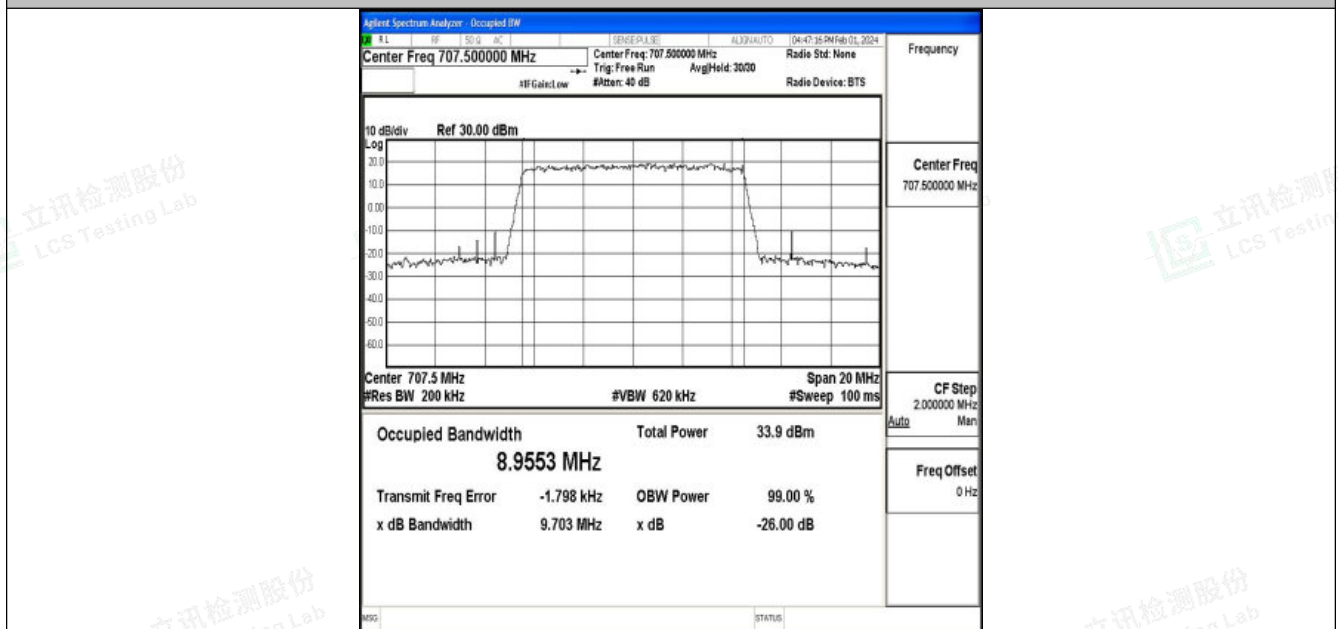
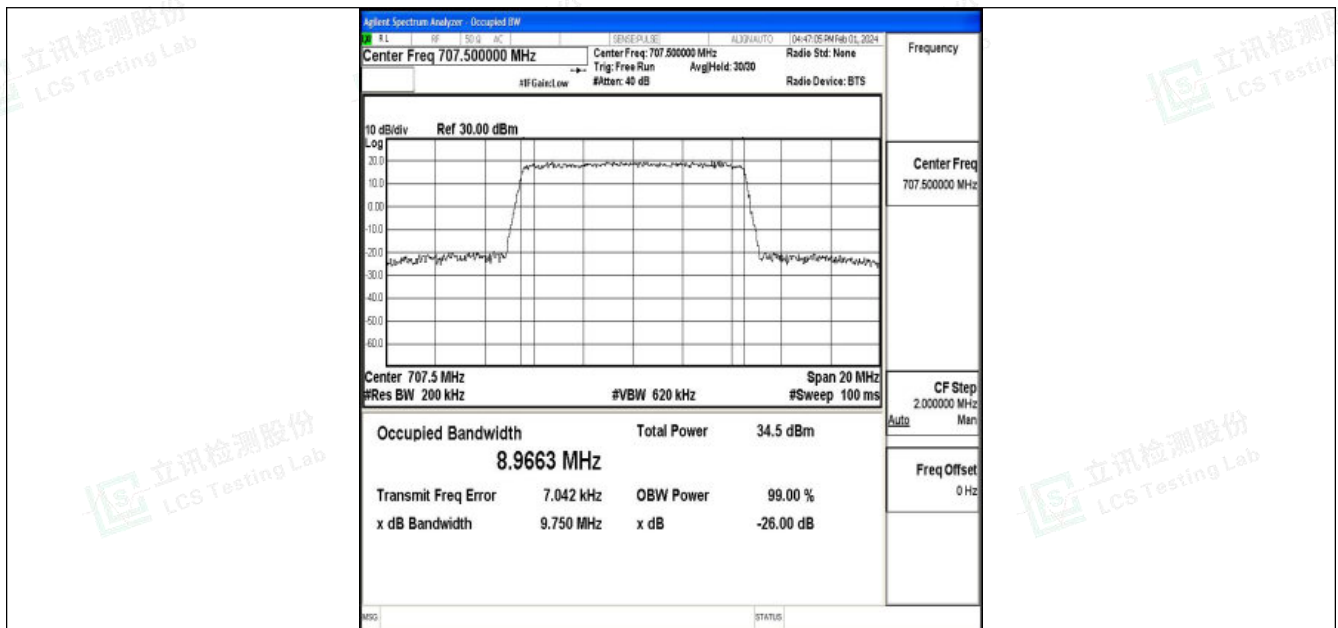


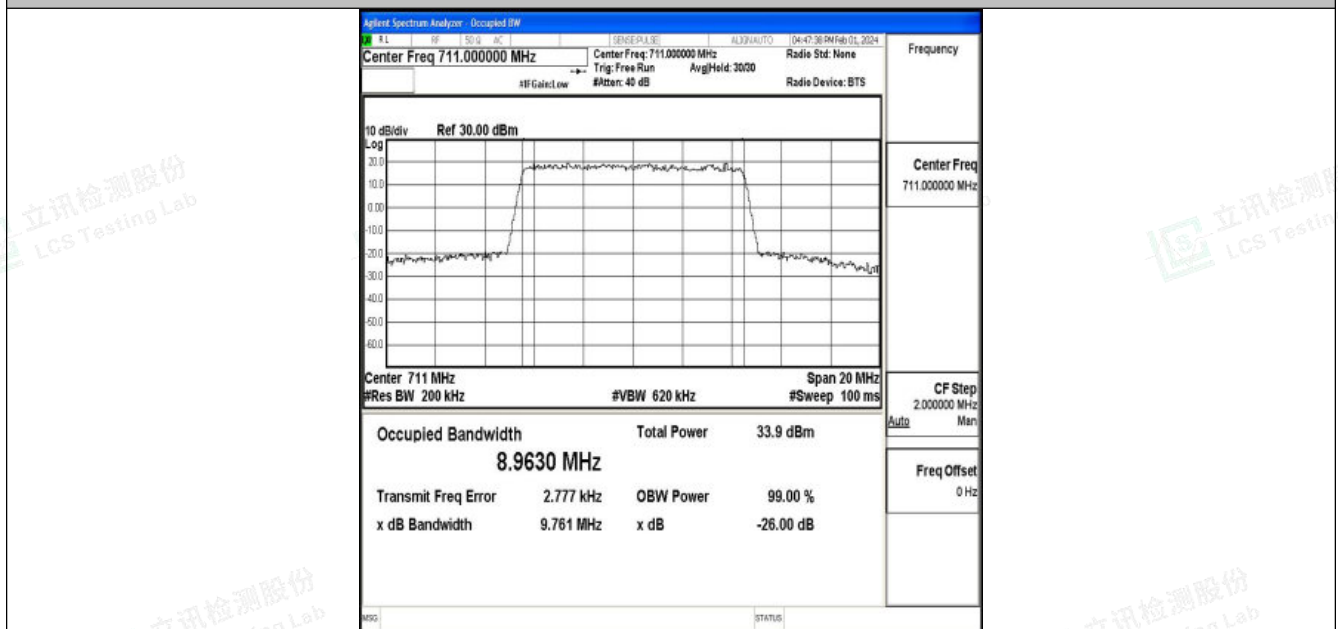
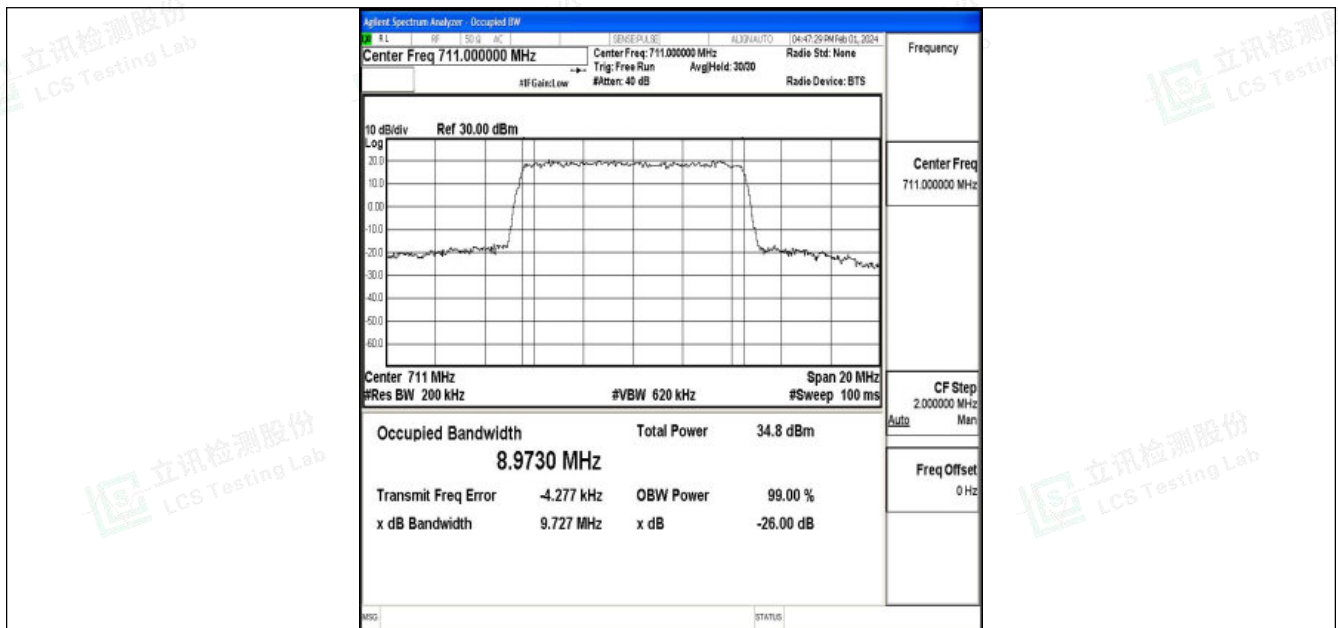












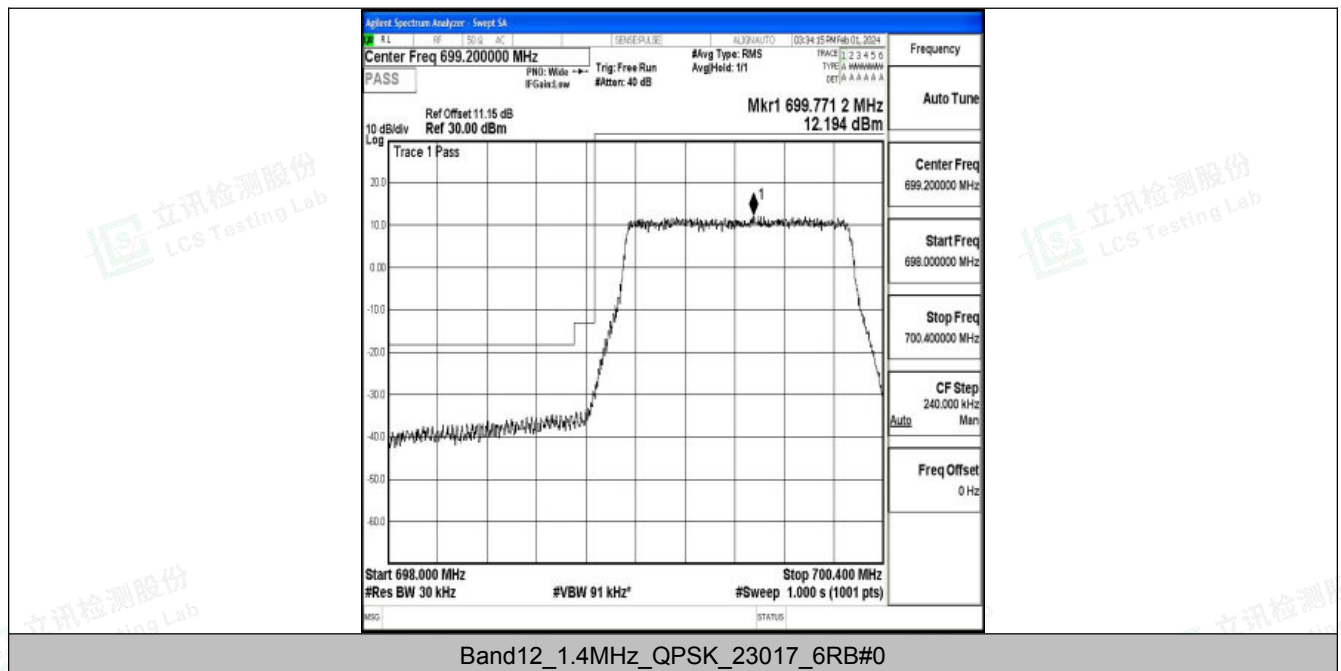


F.4 Band Edge

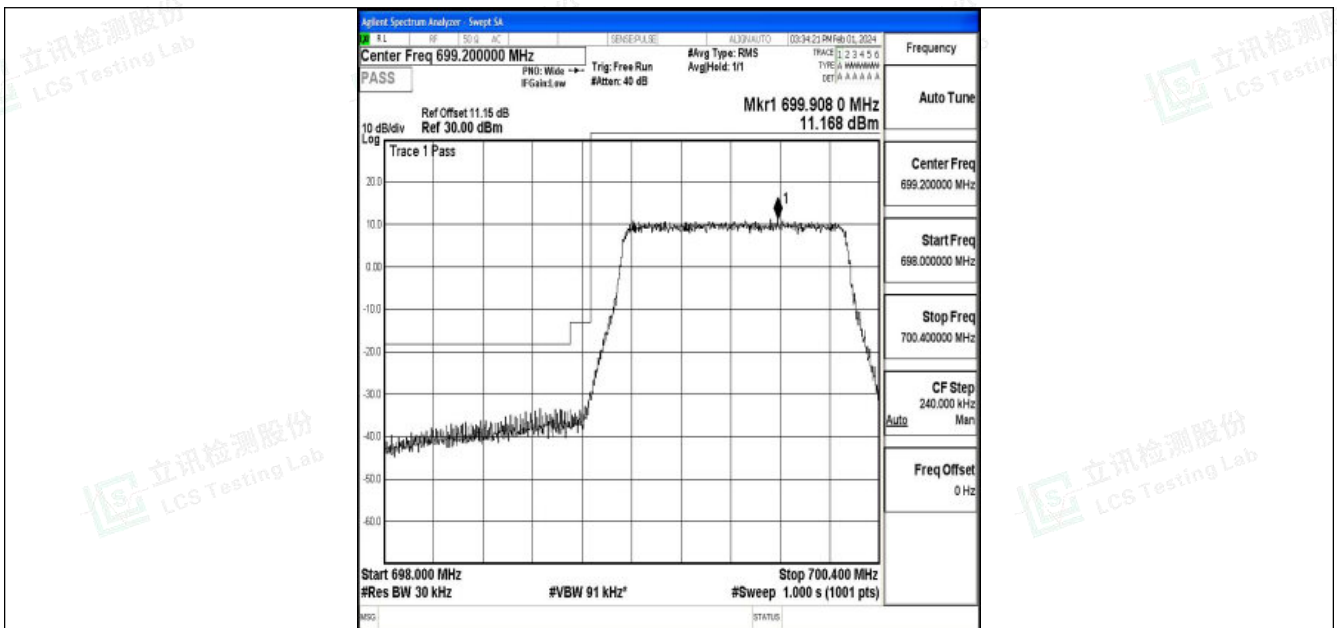
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Peak Frequency	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	699.00	-29.14	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	698.76	-33.37	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	716.13	-24.15	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	716.17	-27.24	PASS
Band12	3MHz	QPSK	23025	15RB#0	698.99	-25.75	PASS
Band12	3MHz	16QAM	23025	15RB#0	699.00	-27.31	PASS
Band12	3MHz	QPSK	23165	15RB#0	716.00	-25.58	PASS
Band12	3MHz	16QAM	23165	15RB#0	716.11	-32.94	PASS
Band12	5MHz	QPSK	23035	25RB#0	699.00	-34.68	PASS
Band12	5MHz	16QAM	23035	25RB#0	698.41	-39.67	PASS
Band12	5MHz	QPSK	23155	25RB#0	716.12	-34.31	PASS
Band12	5MHz	16QAM	23155	25RB#0	716.28	-36.73	PASS
Band12	10MHz	QPSK	23060	50RB#0	698.85	-41.06	PASS
Band12	10MHz	16QAM	23060	50RB#0	698.70	-43.86	PASS
Band12	10MHz	QPSK	23130	50RB#0	716.12	-39.23	PASS
Band12	10MHz	16QAM	23130	50RB#0	716.70	-41.16	PASS

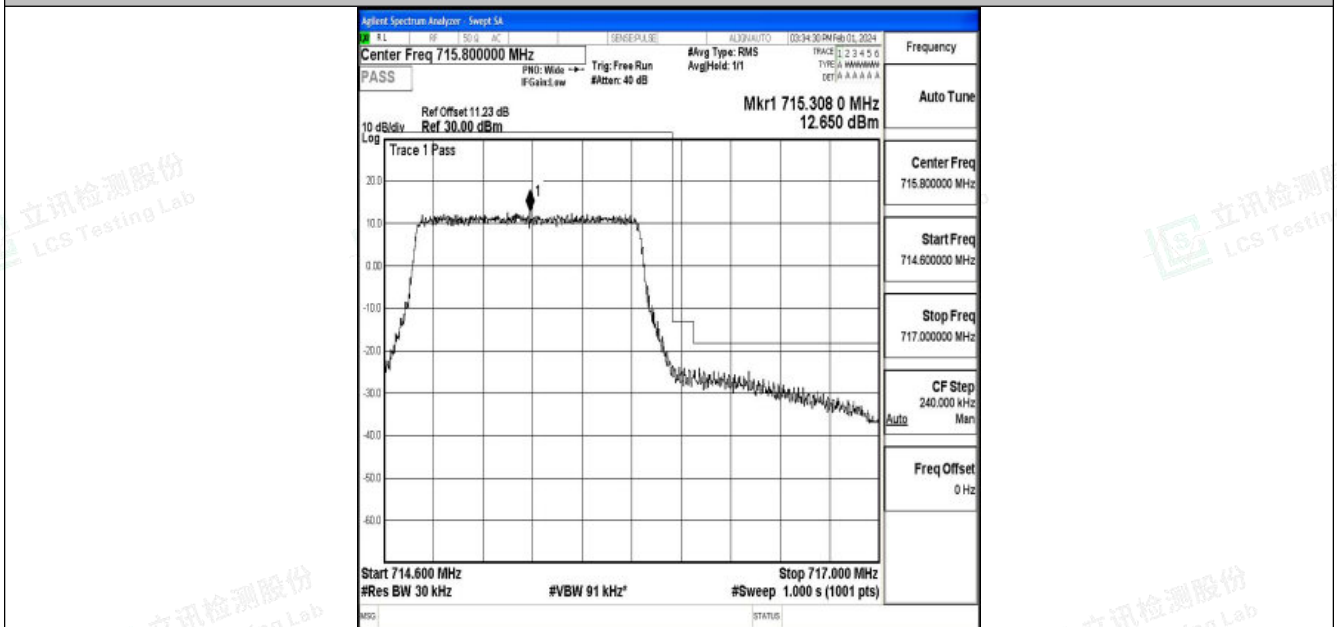
Test Graphs



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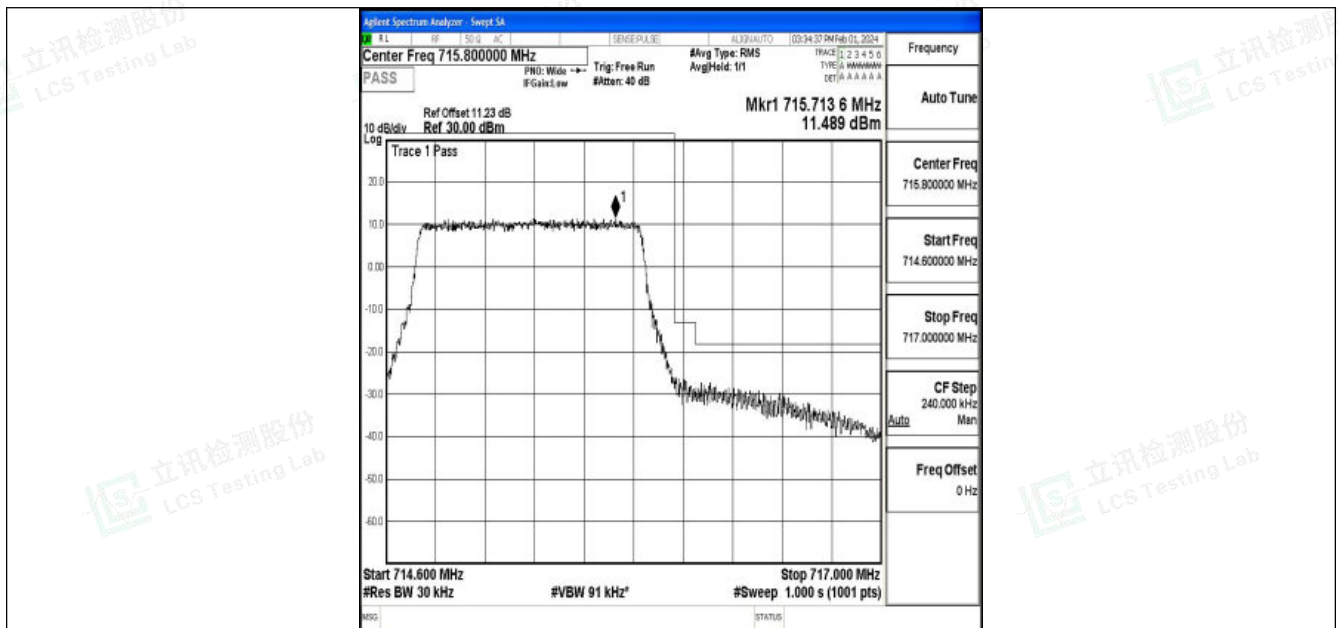


Band12_1.4MHz_16QAM_23017_6RB#0

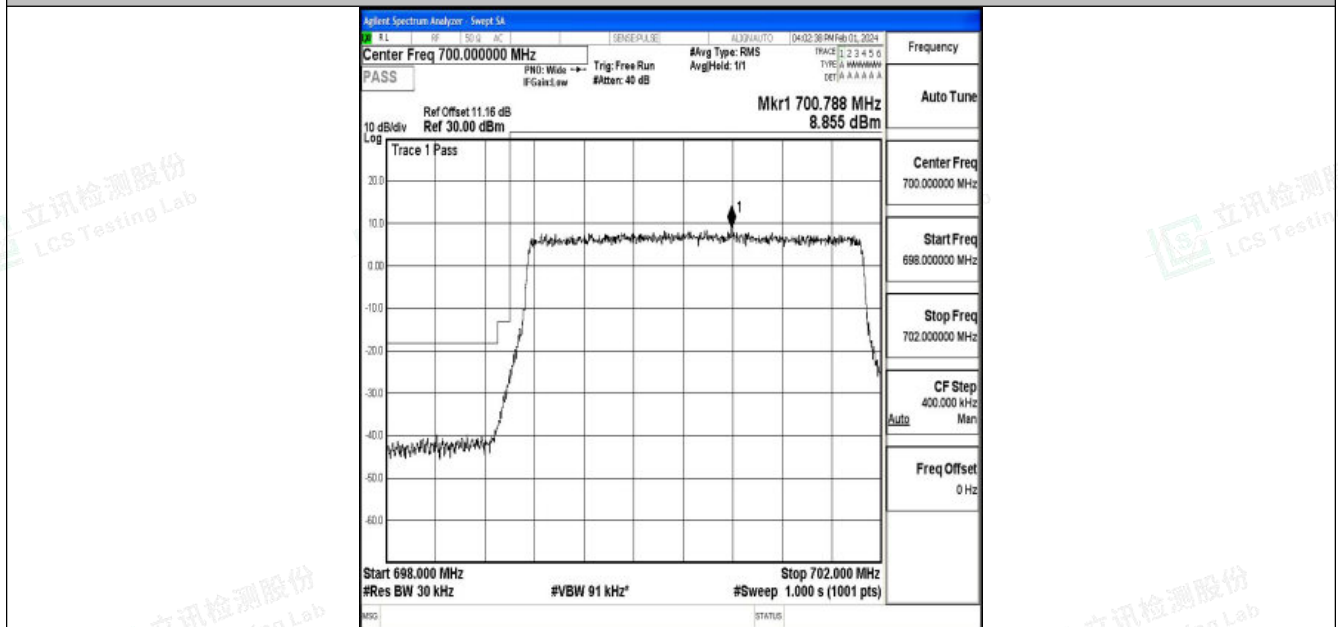


Band12_1.4MHz_QPSK_23173_6RB#0



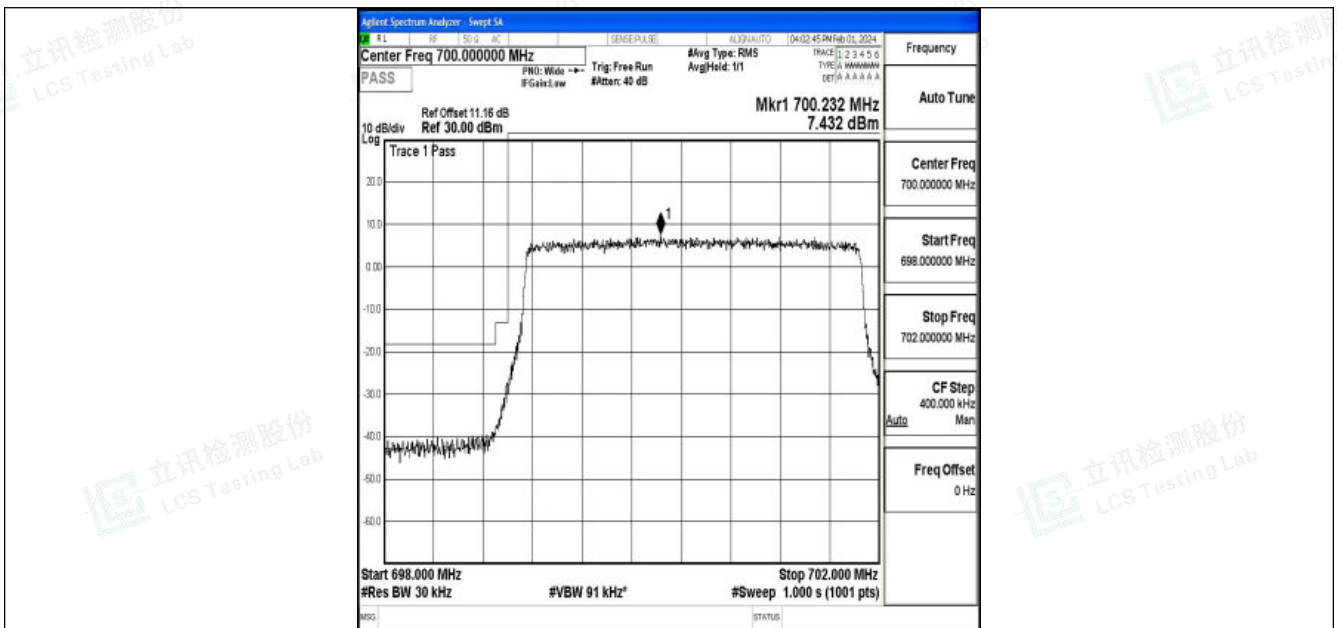


Band12_1.4MHz_16QAM_23173_6RB#0

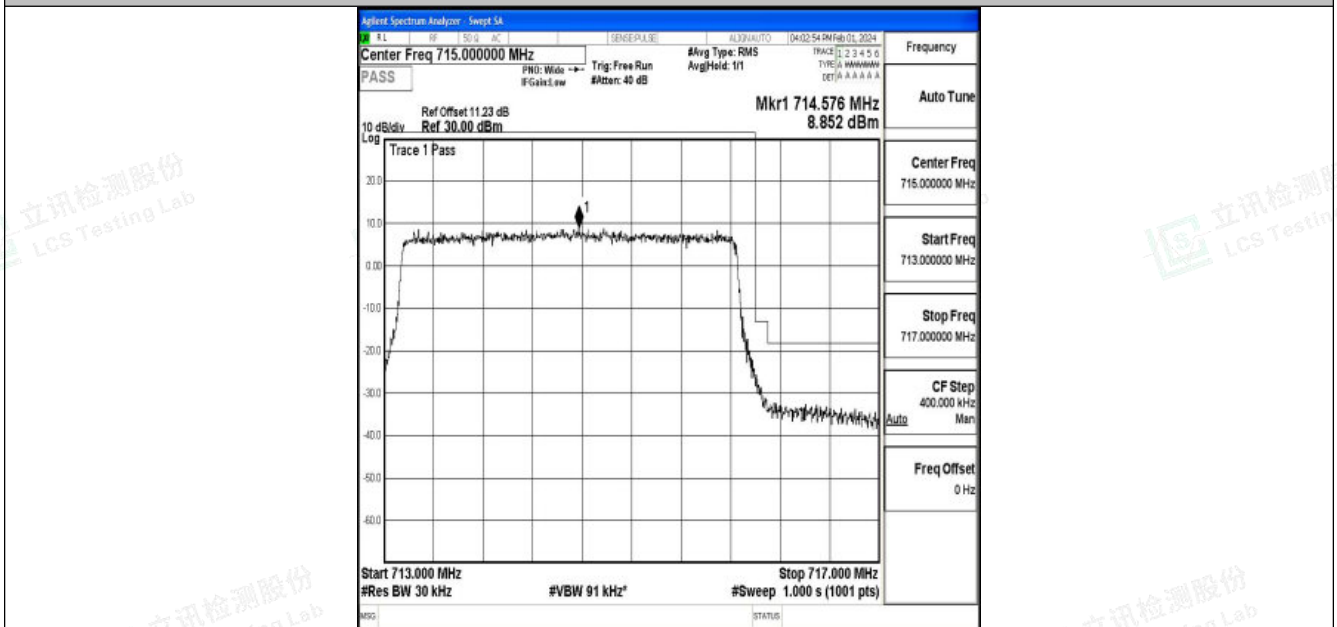


Band12_3MHz_QPSK_23025_15RB#0



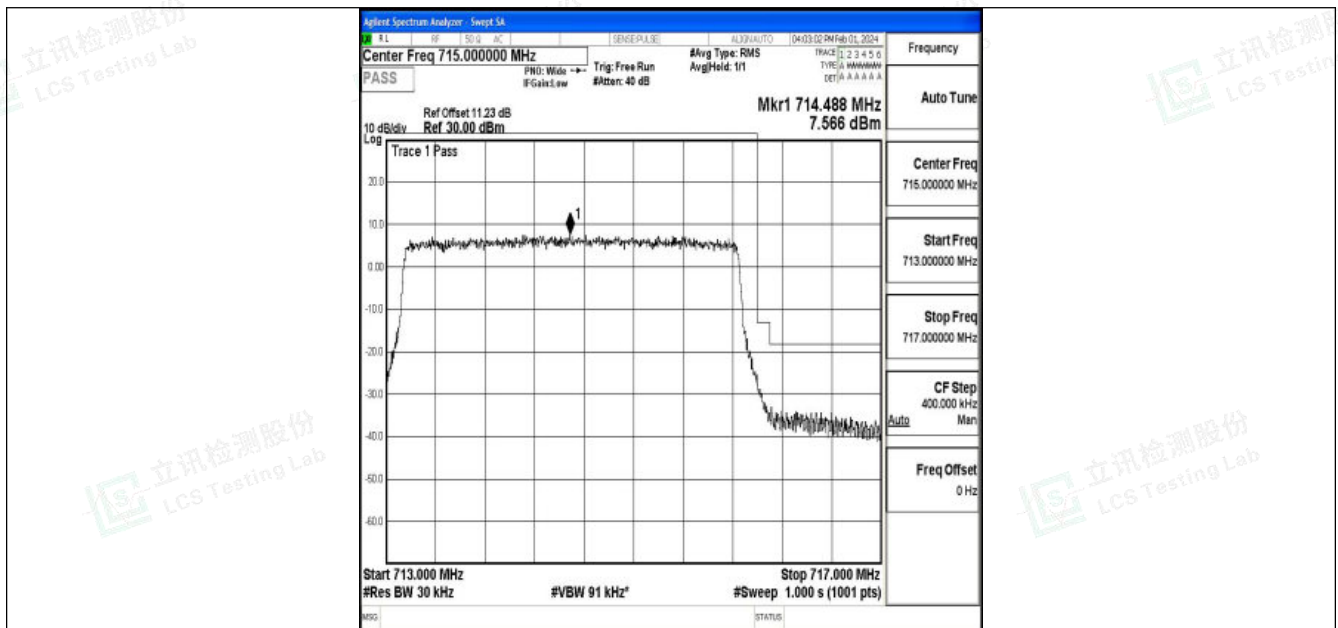


Band12_3MHz_16QAM_23025_15RB#0

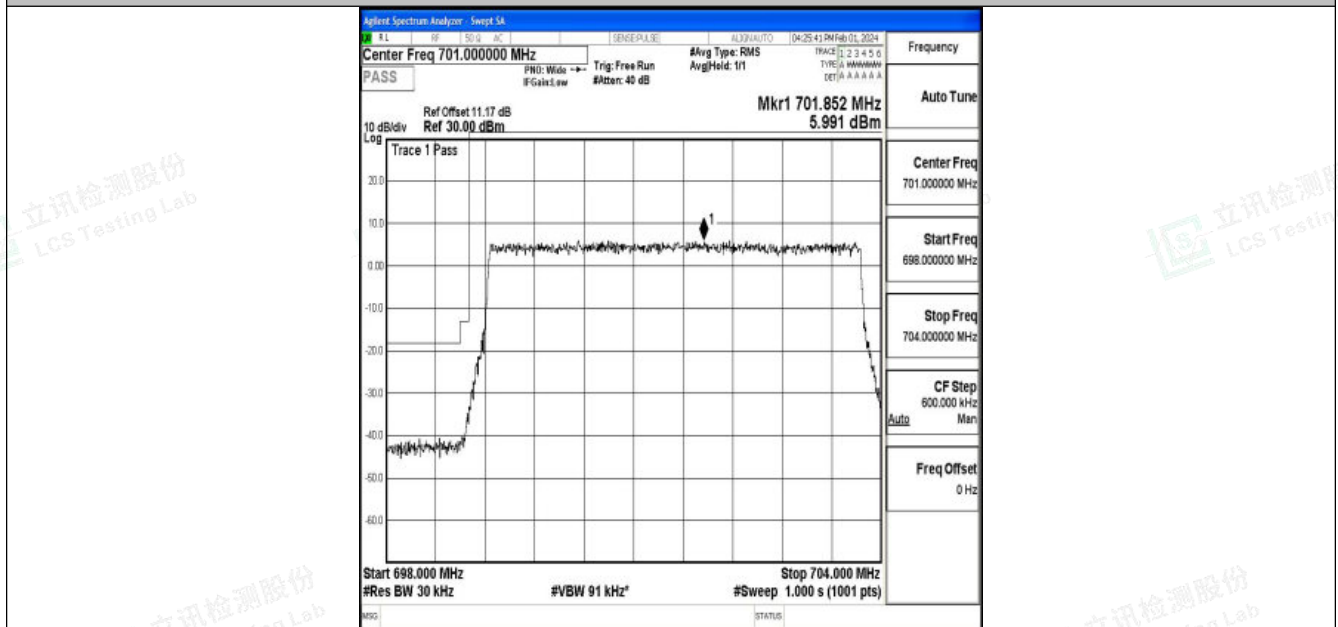


Band12_3MHz_QPSK_23165_15RB#0



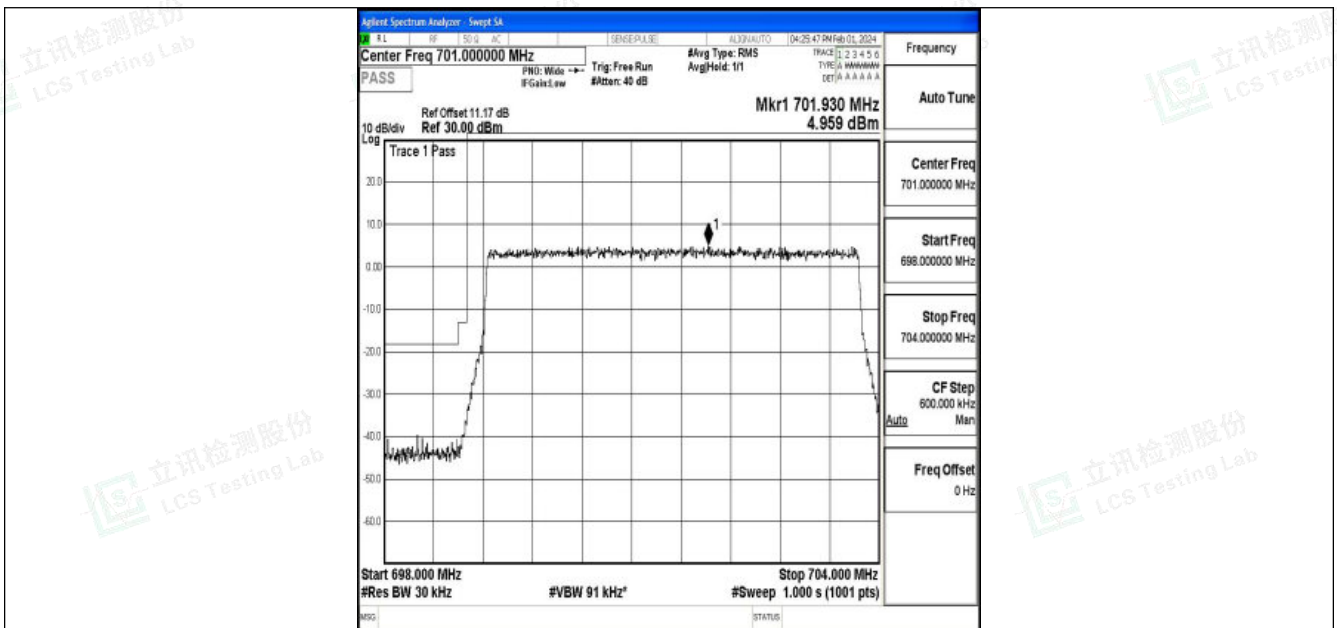


Band12_3MHz_16QAM_23165_15RB#0

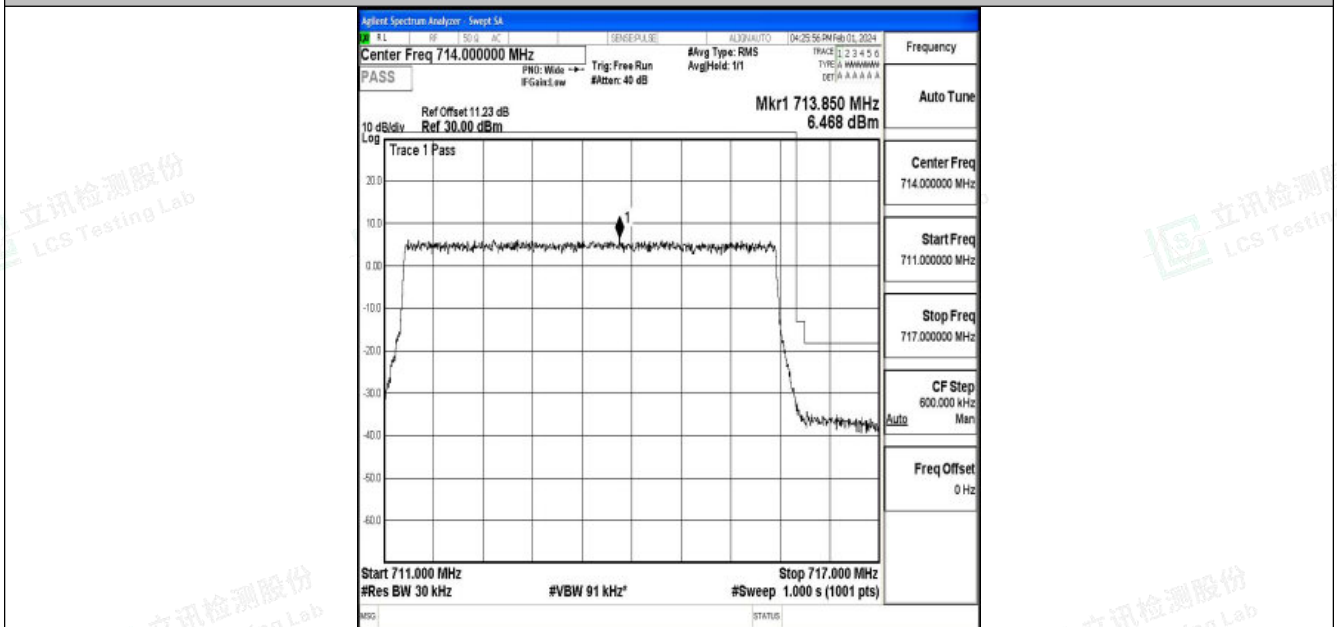


Band12_5MHz_QPSK_23035_25RB#0



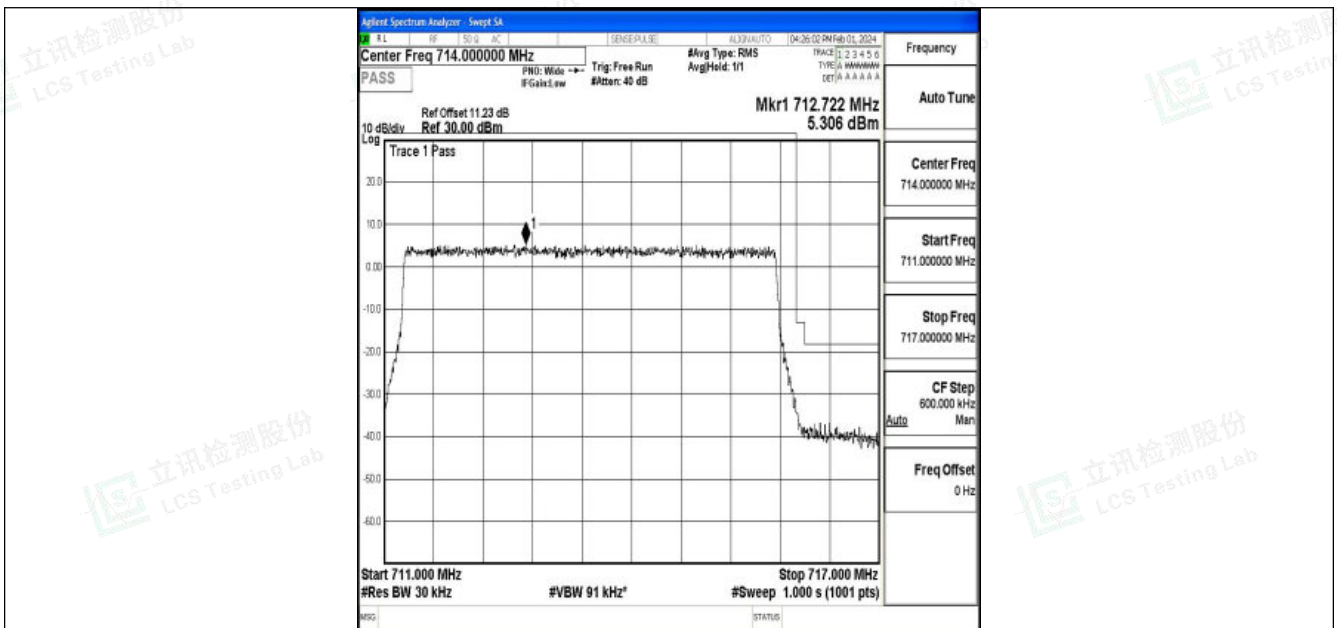


Band12_5MHz_16QAM_23035_25RB#0

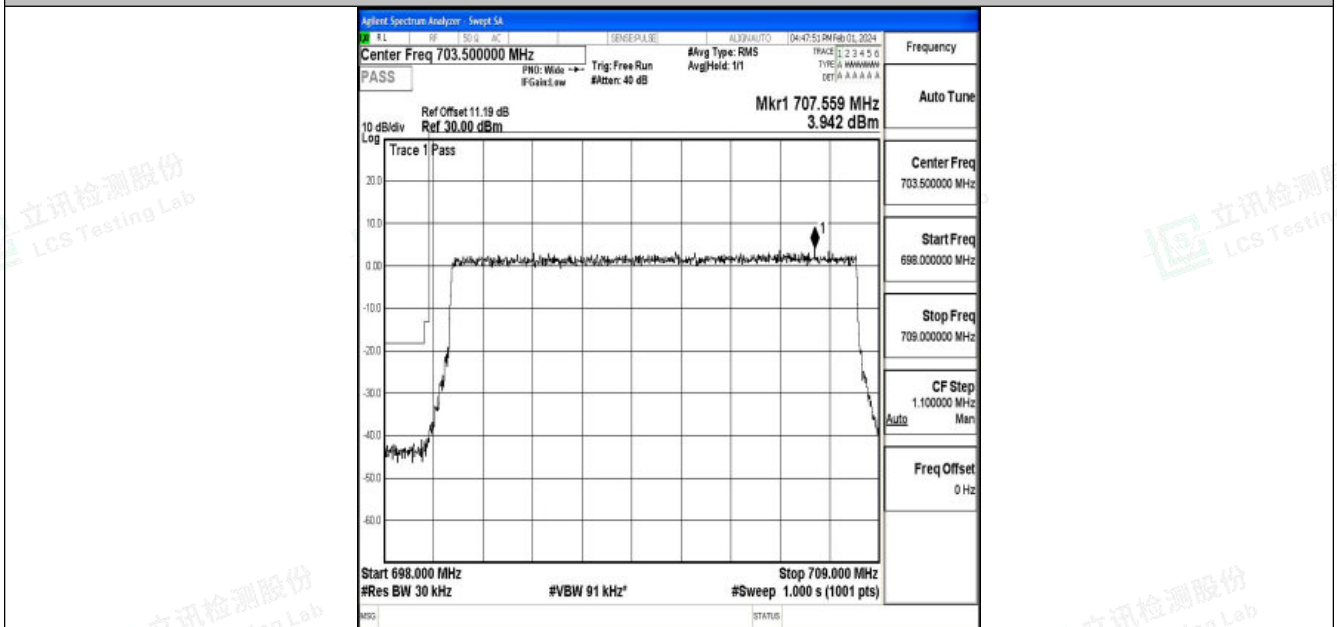


Band12_5MHz_QPSK_23155_25RB#0



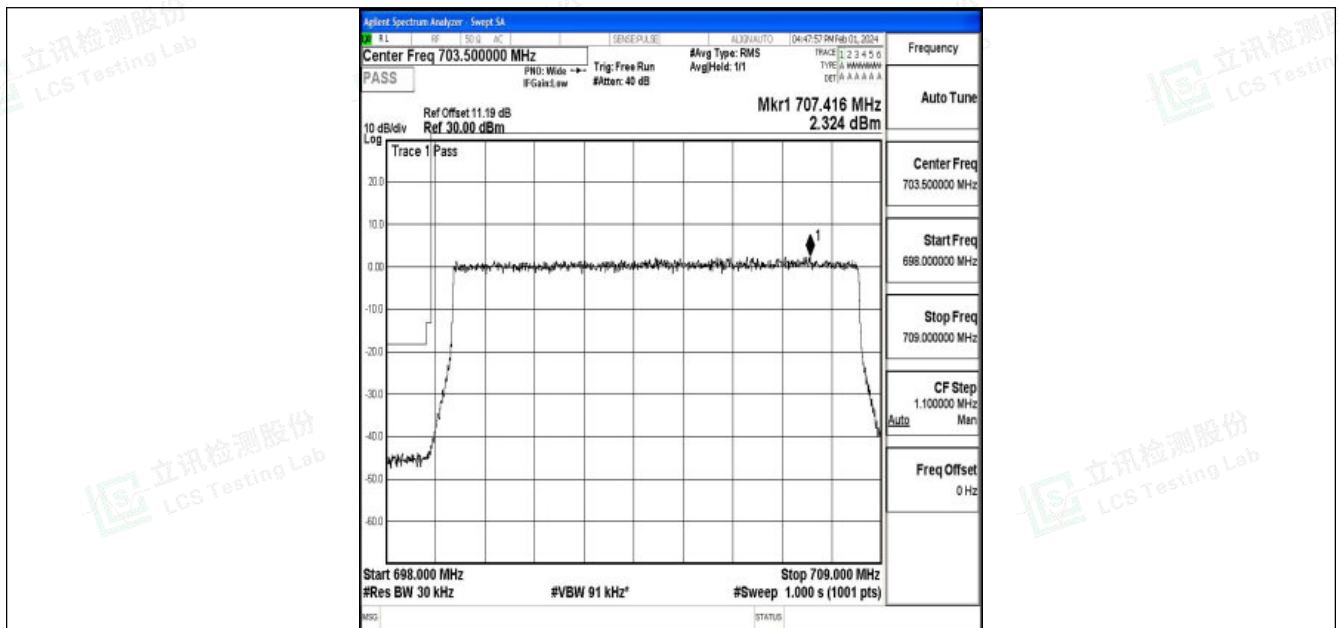


Band12_5MHz_16QAM_23155_25RB#0

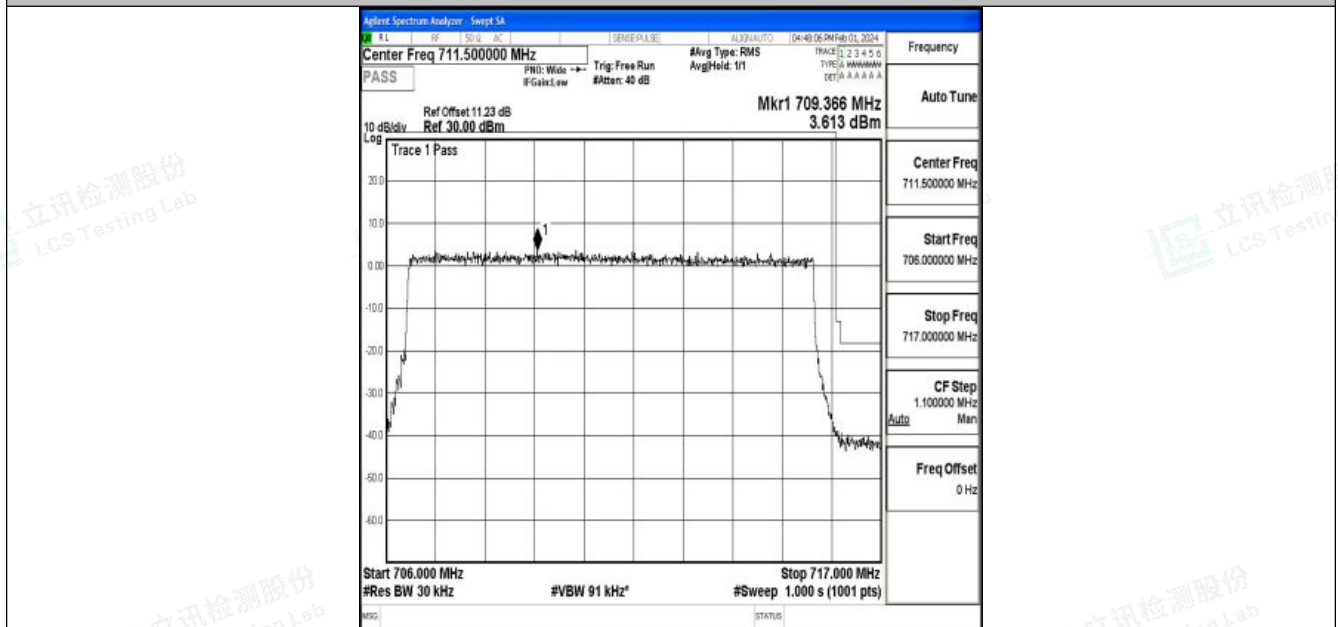


Band12_10MHz_QPSK_23060_50RB#0



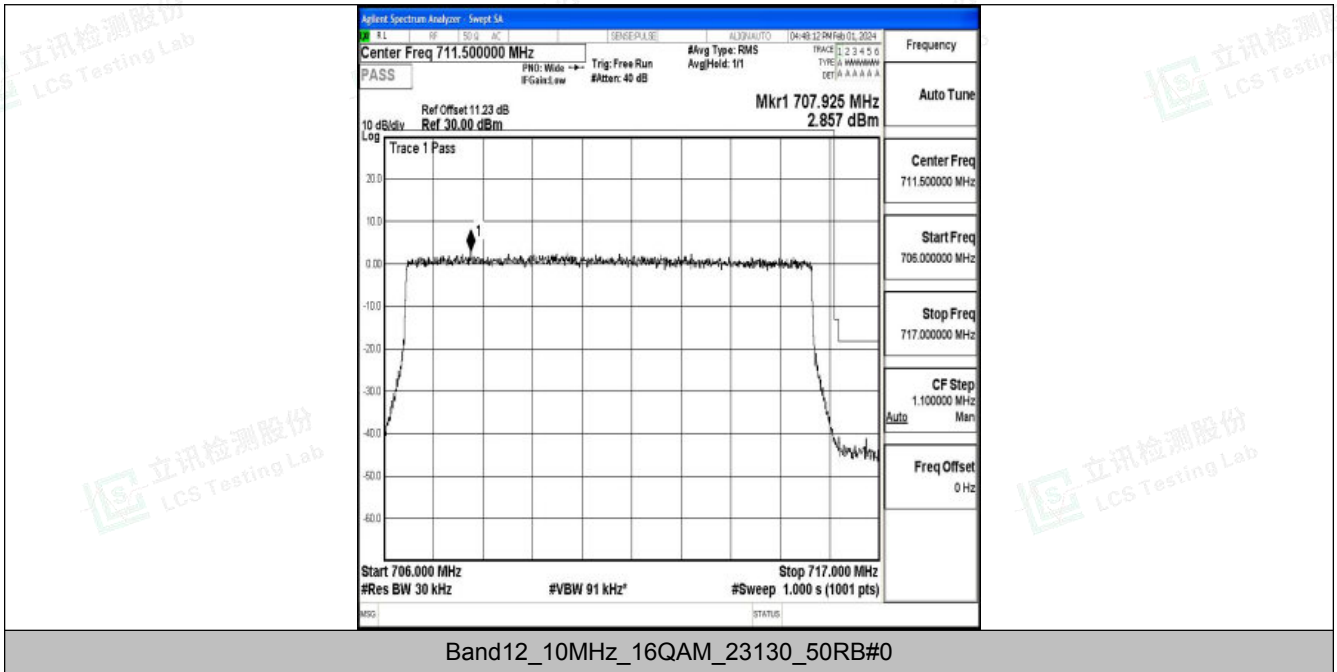


Band12_10MHz_16QAM_23060_50RB#0



Band12_10MHz_QPSK_23130_50RB#0







F.5 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	-50.10	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	0.15~30	-47.53	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	30~1000	-46.49	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	1000~3000	-21.81	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	3000~10000	-37.78	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	0.009~0.15	-56.20	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	0.15~30	-49.84	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	30~1000	-47.29	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	1000~3000	-22.78	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	3000~10000	-37.27	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	0.009~0.15	-54.17	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	0.15~30	-47.37	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	30~1000	-47.55	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	1000~3000	-21.10	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	3000~10000	-38.55	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	0.009~0.15	-54.99	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	0.15~30	-48.07	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	30~1000	-47.21	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	1000~3000	-22.92	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	3000~10000	-39.27	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	0.009~0.15	-51.32	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	0.15~30	-48.55	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	30~1000	-46.50	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	1000~3000	-20.83	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	3000~10000	-38.34	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	0.009~0.15	-55.28	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	0.15~30	-46.40	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	30~1000	-48.04	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	1000~3000	-21.45	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	3000~10000	-39.18	PASS
Band12	3MHz	QPSK	23025	1RB#0	0.009~0.15	-55.63	PASS
Band12	3MHz	QPSK	23025	1RB#0	0.15~30	-47.30	PASS
Band12	3MHz	QPSK	23025	1RB#0	30~1000	-54.52	PASS
Band12	3MHz	QPSK	23025	1RB#0	1000~3000	-21.15	PASS



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Band12	3MHz	QPSK	23025	1RB#0	3000~10000	-36.37	PASS
Band12	3MHz	16QAM	23025	1RB#0	0.009~0.15	-53.34	PASS
Band12	3MHz	16QAM	23025	1RB#0	0.15~30	-47.26	PASS
Band12	3MHz	16QAM	23025	1RB#0	30~1000	-54.69	PASS
Band12	3MHz	16QAM	23025	1RB#0	1000~3000	-22.04	PASS
Band12	3MHz	16QAM	23025	1RB#0	3000~10000	-37.21	PASS
Band12	3MHz	QPSK	23095	1RB#0	0.009~0.15	-54.41	PASS
Band12	3MHz	QPSK	23095	1RB#0	0.15~30	-48.08	PASS
Band12	3MHz	QPSK	23095	1RB#0	30~1000	-51.52	PASS
Band12	3MHz	QPSK	23095	1RB#0	1000~3000	-21.04	PASS
Band12	3MHz	QPSK	23095	1RB#0	3000~10000	-36.73	PASS
Band12	3MHz	16QAM	23095	1RB#0	0.009~0.15	-53.75	PASS
Band12	3MHz	16QAM	23095	1RB#0	0.15~30	-49.81	PASS
Band12	3MHz	16QAM	23095	1RB#0	30~1000	-51.98	PASS
Band12	3MHz	16QAM	23095	1RB#0	1000~3000	-21.87	PASS
Band12	3MHz	16QAM	23095	1RB#0	3000~10000	-37.66	PASS
Band12	3MHz	QPSK	23165	1RB#0	0.009~0.15	-54.36	PASS
Band12	3MHz	QPSK	23165	1RB#0	0.15~30	-49.04	PASS
Band12	3MHz	QPSK	23165	1RB#0	30~1000	-52.78	PASS
Band12	3MHz	QPSK	23165	1RB#0	1000~3000	-20.90	PASS
Band12	3MHz	QPSK	23165	1RB#0	3000~10000	-39.07	PASS
Band12	3MHz	16QAM	23165	1RB#0	0.009~0.15	-48.24	PASS
Band12	3MHz	16QAM	23165	1RB#0	0.15~30	-49.15	PASS
Band12	3MHz	16QAM	23165	1RB#0	30~1000	-52.15	PASS
Band12	3MHz	16QAM	23165	1RB#0	1000~3000	-20.63	PASS
Band12	3MHz	16QAM	23165	1RB#0	3000~10000	-38.31	PASS
Band12	5MHz	QPSK	23035	1RB#0	0.009~0.15	-55.88	PASS
Band12	5MHz	QPSK	23035	1RB#0	0.15~30	-47.15	PASS
Band12	5MHz	QPSK	23035	1RB#0	30~1000	-58.24	PASS
Band12	5MHz	QPSK	23035	1RB#0	1000~3000	-22.28	PASS
Band12	5MHz	QPSK	23035	1RB#0	3000~10000	-36.58	PASS
Band12	5MHz	16QAM	23035	1RB#0	0.009~0.15	-52.87	PASS
Band12	5MHz	16QAM	23035	1RB#0	0.15~30	-48.45	PASS
Band12	5MHz	16QAM	23035	1RB#0	30~1000	-58.10	PASS
Band12	5MHz	16QAM	23035	1RB#0	1000~3000	-22.00	PASS
Band12	5MHz	16QAM	23035	1RB#0	3000~10000	-38.35	PASS
Band12	5MHz	QPSK	23095	1RB#0	0.009~0.15	-54.42	PASS
Band12	5MHz	QPSK	23095	1RB#0	0.15~30	-50.51	PASS
Band12	5MHz	QPSK	23095	1RB#0	30~1000	-57.95	PASS
Band12	5MHz	QPSK	23095	1RB#0	1000~3000	-21.77	PASS



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Band12	5MHz	QPSK	23095	1RB#0	3000~10000	-37.70	PASS
Band12	5MHz	16QAM	23095	1RB#0	0.009~0.15	-52.50	PASS
Band12	5MHz	16QAM	23095	1RB#0	0.15~30	-49.57	PASS
Band12	5MHz	16QAM	23095	1RB#0	30~1000	-58.19	PASS
Band12	5MHz	16QAM	23095	1RB#0	1000~3000	-22.25	PASS
Band12	5MHz	16QAM	23095	1RB#0	3000~10000	-39.18	PASS
Band12	5MHz	QPSK	23155	1RB#0	0.009~0.15	-52.83	PASS
Band12	5MHz	QPSK	23155	1RB#0	0.15~30	-46.05	PASS
Band12	5MHz	QPSK	23155	1RB#0	30~1000	-58.17	PASS
Band12	5MHz	QPSK	23155	1RB#0	1000~3000	-21.40	PASS
Band12	5MHz	QPSK	23155	1RB#0	3000~10000	-38.09	PASS
Band12	5MHz	16QAM	23155	1RB#0	0.009~0.15	-55.18	PASS
Band12	5MHz	16QAM	23155	1RB#0	0.15~30	-49.41	PASS
Band12	5MHz	16QAM	23155	1RB#0	30~1000	-58.19	PASS
Band12	5MHz	16QAM	23155	1RB#0	1000~3000	-21.01	PASS
Band12	5MHz	16QAM	23155	1RB#0	3000~10000	-38.83	PASS
Band12	10MHz	QPSK	23060	1RB#0	0.009~0.15	-53.87	PASS
Band12	10MHz	QPSK	23060	1RB#0	0.15~30	-48.78	PASS
Band12	10MHz	QPSK	23060	1RB#0	30~1000	-58.06	PASS
Band12	10MHz	QPSK	23060	1RB#0	1000~3000	-21.84	PASS
Band12	10MHz	QPSK	23060	1RB#0	3000~10000	-37.31	PASS
Band12	10MHz	16QAM	23060	1RB#0	0.009~0.15	-53.47	PASS
Band12	10MHz	16QAM	23060	1RB#0	0.15~30	-47.08	PASS
Band12	10MHz	16QAM	23060	1RB#0	30~1000	-58.17	PASS
Band12	10MHz	16QAM	23060	1RB#0	1000~3000	-22.37	PASS
Band12	10MHz	16QAM	23060	1RB#0	3000~10000	-38.33	PASS
Band12	10MHz	QPSK	23095	1RB#0	0.009~0.15	-50.30	PASS
Band12	10MHz	QPSK	23095	1RB#0	0.15~30	-48.66	PASS
Band12	10MHz	QPSK	23095	1RB#0	30~1000	-58.21	PASS
Band12	10MHz	QPSK	23095	1RB#0	1000~3000	-22.33	PASS
Band12	10MHz	QPSK	23095	1RB#0	3000~10000	-38.11	PASS
Band12	10MHz	16QAM	23095	1RB#0	0.009~0.15	-51.60	PASS
Band12	10MHz	16QAM	23095	1RB#0	0.15~30	-46.51	PASS
Band12	10MHz	16QAM	23095	1RB#0	30~1000	-58.11	PASS
Band12	10MHz	16QAM	23095	1RB#0	1000~3000	-21.94	PASS
Band12	10MHz	16QAM	23095	1RB#0	3000~10000	-37.18	PASS
Band12	10MHz	QPSK	23130	1RB#0	0.009~0.15	-53.82	PASS
Band12	10MHz	QPSK	23130	1RB#0	0.15~30	-47.55	PASS
Band12	10MHz	QPSK	23130	1RB#0	30~1000	-58.27	PASS
Band12	10MHz	QPSK	23130	1RB#0	1000~3000	-22.18	PASS



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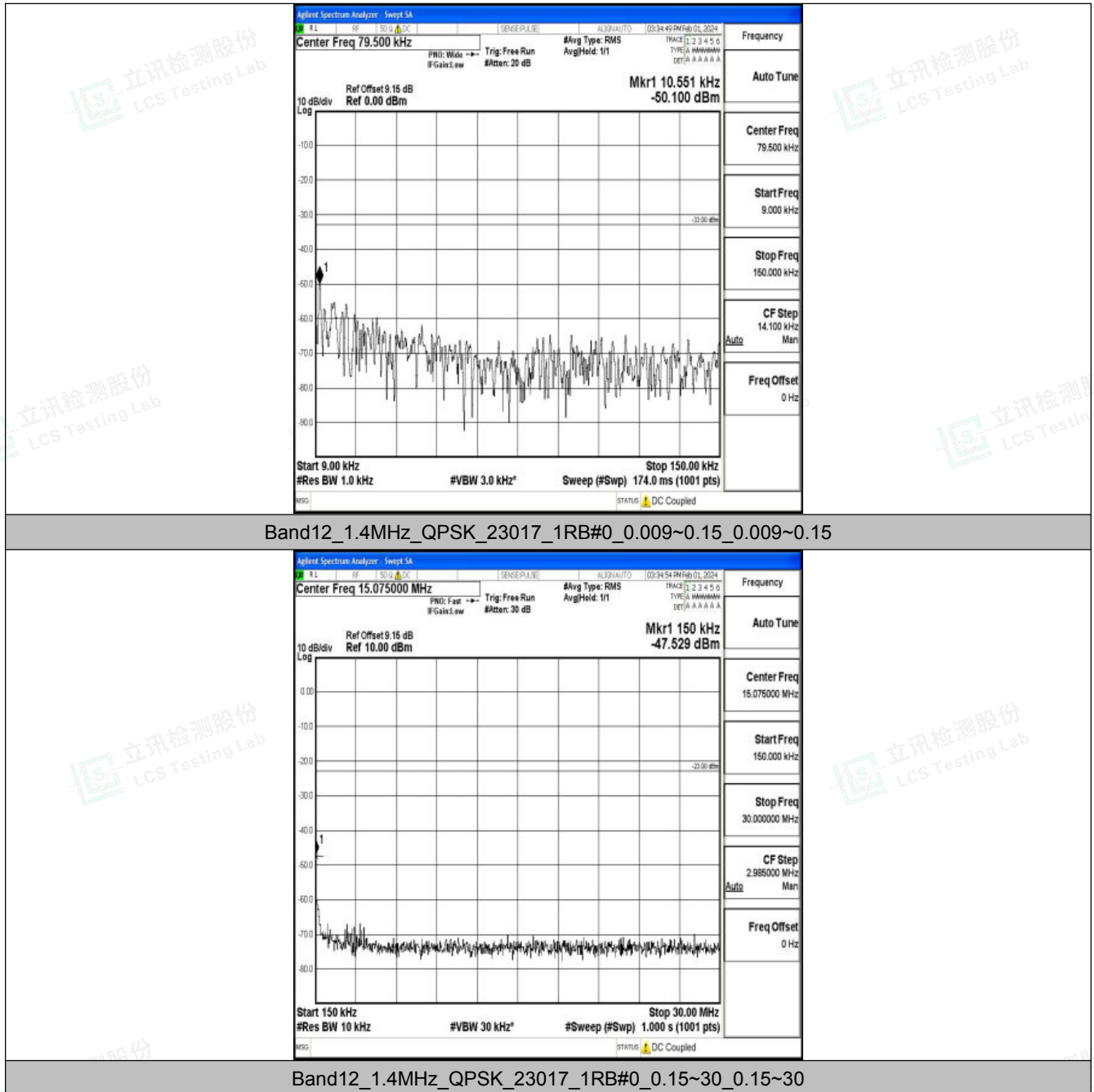
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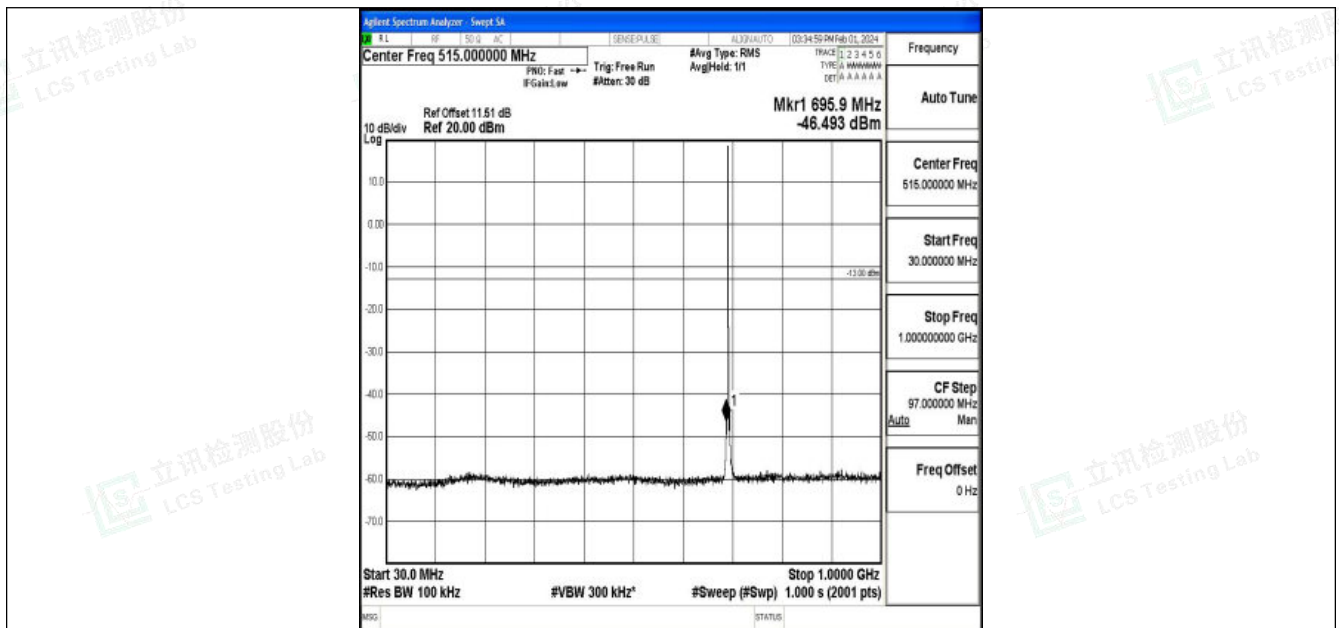
Scan code to check authenticity



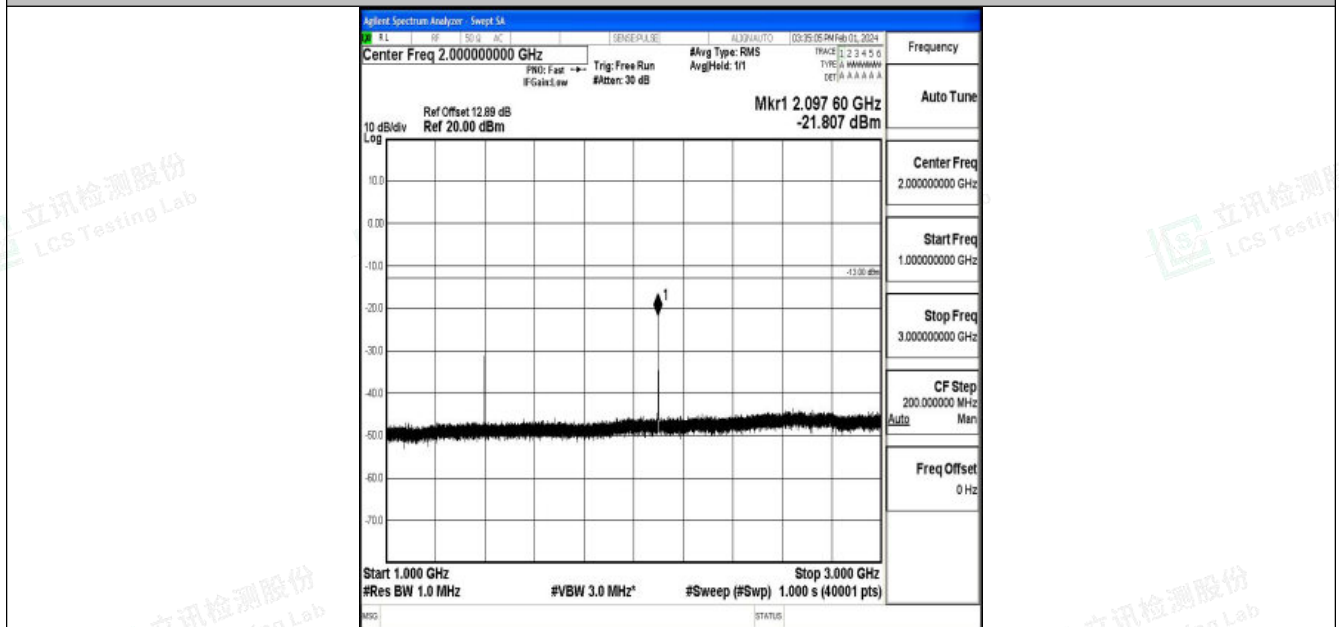
Band12	10MHz	QPSK	23130	1RB#0	3000~10000	-38.68	PASS
Band12	10MHz	16QAM	23130	1RB#0	0.009~0.15	-53.96	PASS
Band12	10MHz	16QAM	23130	1RB#0	0.15~30	-47.00	PASS
Band12	10MHz	16QAM	23130	1RB#0	30~1000	-57.79	PASS
Band12	10MHz	16QAM	23130	1RB#0	1000~3000	-22.35	PASS
Band12	10MHz	16QAM	23130	1RB#0	3000~10000	-39.95	PASS

Test Graphs



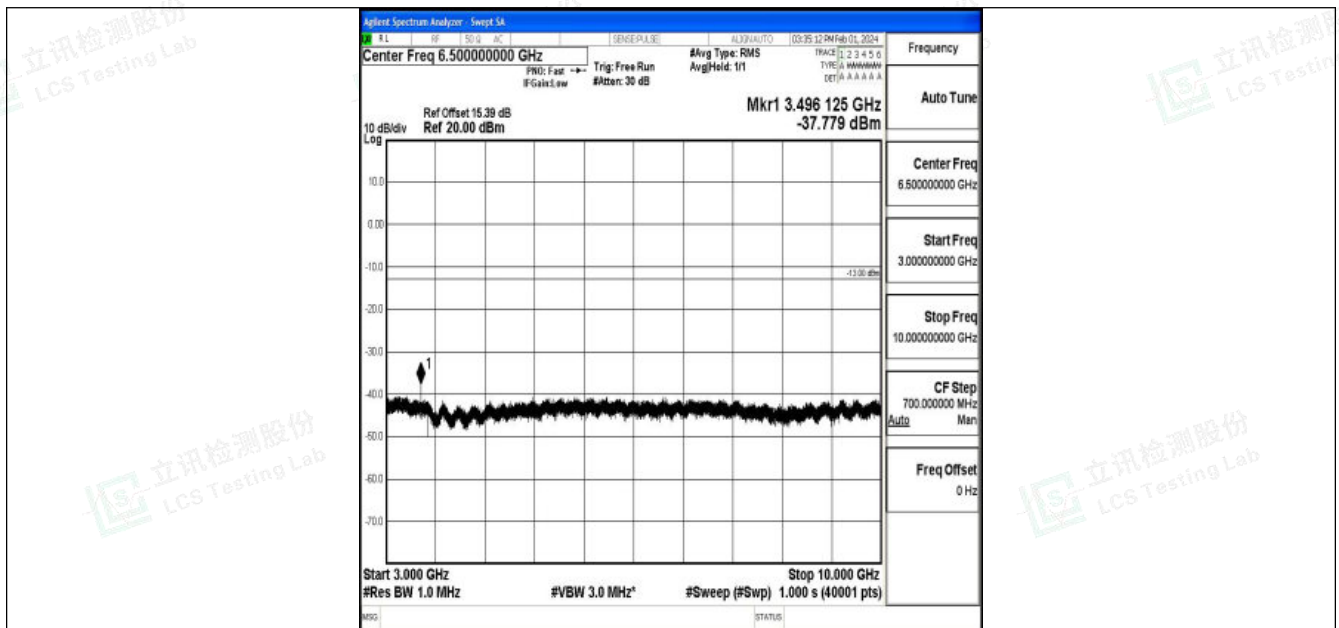


Band12_1.4MHz_QPSK_23017_1RB#0_30~1000_30~1000

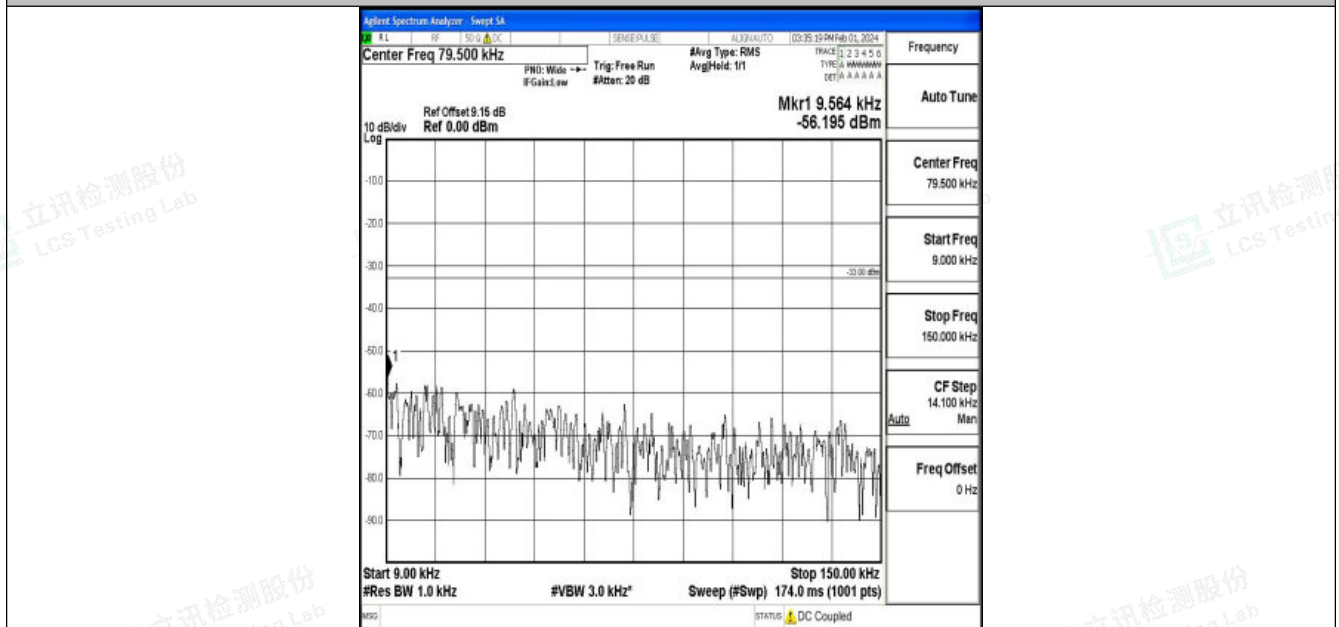


Band12_1.4MHz_QPSK_23017_1RB#0_1000~3000_1000~3000





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

