



Appendix G: Test Data for E-UTRA Band 12

Product Name: Smartphone

Test Model: HY65PB1401NA

Environmental Conditions

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





G.1 Conducted Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	22.98	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	23.23	PASS
Band12	1.4MHz	QPSK	23017	1RB#2	22.90	PASS
Band12	1.4MHz	16QAM	23017	1RB#2	23.08	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	22.99	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	23.16	PASS
Band12	1.4MHz	QPSK	23017	3RB#0	22.85	PASS
Band12	1.4MHz	16QAM	23017	3RB#0	21.89	PASS
Band12	1.4MHz	QPSK	23017	3RB#1	22.84	PASS
Band12	1.4MHz	16QAM	23017	3RB#1	21.88	PASS
Band12	1.4MHz	QPSK	23017	3RB#3	22.80	PASS
Band12	1.4MHz	16QAM	23017	3RB#3	21.52	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	21.93	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	21.19	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	21.63	PASS
Band12	1.4MHz	QPSK	23095	1RB#2	22.75	PASS
Band12	1.4MHz	16QAM	23095	1RB#2	21.71	PASS
Band12	1.4MHz	QPSK	23095	1RB#5	22.74	PASS
Band12	1.4MHz	16QAM	23095	1RB#5	21.71	PASS
Band12	1.4MHz	QPSK	23095	3RB#0	22.69	PASS
Band12	1.4MHz	16QAM	23095	3RB#0	21.51	PASS
Band12	1.4MHz	QPSK	23095	3RB#1	22.52	PASS
Band12	1.4MHz	16QAM	23095	3RB#1	21.50	PASS
Band12	1.4MHz	QPSK	23095	3RB#3	22.68	PASS
Band12	1.4MHz	16QAM	23095	3RB#3	21.82	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	21.84	PASS
Band12	1.4MHz	16QAM	23173	1RB#2	22.12	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	22.62	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	22.22	PASS
Band12	1.4MHz	QPSK	23173	3RB#0	22.79	PASS
Band12	1.4MHz	16QAM	23173	3RB#0	21.75	PASS
Band12	1.4MHz	QPSK	23173	3RB#1	22.36	PASS
Band12	3MHz	QPSK	23025	1RB#0	22.92	PASS
Band12	3MHz	16QAM	23025	1RB#0	21.76	PASS
Band12	3MHz	QPSK	23025	1RB#8	22.76	PASS
Band12	3MHz	16QAM	23025	1RB#8	21.79	PASS



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



Band12	3MHz	QPSK	23025	1RB#14	22.95	PASS
Band12	3MHz	16QAM	23025	1RB#14	21.75	PASS
Band12	3MHz	QPSK	23025	8RB#0	21.86	PASS
Band12	3MHz	16QAM	23025	8RB#0	21.11	PASS
Band12	3MHz	QPSK	23025	8RB#4	21.87	PASS
Band12	3MHz	16QAM	23025	8RB#4	21.13	PASS
Band12	3MHz	QPSK	23025	8RB#7	21.83	PASS
Band12	3MHz	16QAM	23025	8RB#7	21.19	PASS
Band12	3MHz	QPSK	23025	15RB#0	21.85	PASS
Band12	3MHz	16QAM	23025	15RB#0	21.08	PASS
Band12	3MHz	QPSK	23095	1RB#0	22.78	PASS
Band12	3MHz	16QAM	23095	1RB#0	21.77	PASS
Band12	3MHz	QPSK	23095	1RB#8	22.77	PASS
Band12	3MHz	16QAM	23095	1RB#8	21.67	PASS
Band12	3MHz	QPSK	23095	1RB#14	22.68	PASS
Band12	3MHz	16QAM	23095	1RB#14	21.69	PASS
Band12	3MHz	QPSK	23095	8RB#0	21.67	PASS
Band12	3MHz	16QAM	23095	8RB#0	21.13	PASS
Band12	3MHz	QPSK	23095	8RB#4	21.67	PASS
Band12	3MHz	16QAM	23095	8RB#4	21.15	PASS
Band12	3MHz	QPSK	23095	8RB#7	21.74	PASS
Band12	3MHz	16QAM	23095	8RB#7	21.16	PASS
Band12	3MHz	QPSK	23095	15RB#0	21.79	PASS
Band12	3MHz	16QAM	23095	15RB#0	20.85	PASS
Band12	3MHz	QPSK	23165	1RB#0	22.62	PASS
Band12	3MHz	16QAM	23165	1RB#0	22.21	PASS
Band12	3MHz	QPSK	23165	1RB#8	22.63	PASS
Band12	3MHz	16QAM	23165	1RB#8	22.19	PASS
Band12	3MHz	QPSK	23165	1RB#14	22.57	PASS
Band12	3MHz	16QAM	23165	1RB#14	22.06	PASS
Band12	3MHz	QPSK	23165	8RB#0	21.70	PASS
Band12	3MHz	16QAM	23165	8RB#0	20.93	PASS
Band12	3MHz	QPSK	23165	8RB#4	21.69	PASS
Band12	3MHz	16QAM	23165	8RB#4	20.92	PASS
Band12	3MHz	QPSK	23165	8RB#7	21.63	PASS
Band12	3MHz	16QAM	23165	8RB#7	21.11	PASS
Band12	3MHz	QPSK	23165	15RB#0	21.70	PASS
Band12	3MHz	16QAM	23165	15RB#0	21.01	PASS
Band12	5MHz	QPSK	23035	1RB#0	22.82	PASS
Band12	5MHz	16QAM	23035	1RB#0	21.41	PASS





Band12	5MHz	QPSK	23035	1RB#12	22.77	PASS
Band12	5MHz	16QAM	23035	1RB#12	21.35	PASS
Band12	5MHz	QPSK	23035	1RB#24	22.70	PASS
Band12	5MHz	16QAM	23035	1RB#24	21.31	PASS
Band12	5MHz	QPSK	23035	12RB#0	22.09	PASS
Band12	5MHz	16QAM	23035	12RB#0	21.08	PASS
Band12	5MHz	QPSK	23035	12RB#6	21.93	PASS
Band12	5MHz	16QAM	23035	12RB#6	21.08	PASS
Band12	5MHz	QPSK	23035	12RB#13	21.81	PASS
Band12	5MHz	16QAM	23035	12RB#13	21.01	PASS
Band12	5MHz	QPSK	23035	25RB#0	22.05	PASS
Band12	5MHz	16QAM	23035	25RB#0	21.17	PASS
Band12	5MHz	QPSK	23095	1RB#0	22.46	PASS
Band12	5MHz	16QAM	23095	1RB#0	22.23	PASS
Band12	5MHz	QPSK	23095	1RB#12	22.30	PASS
Band12	5MHz	16QAM	23095	1RB#12	22.17	PASS
Band12	5MHz	QPSK	23095	1RB#24	22.46	PASS
Band12	5MHz	16QAM	23095	1RB#24	22.10	PASS
Band12	5MHz	QPSK	23095	12RB#0	21.69	PASS
Band12	5MHz	16QAM	23095	12RB#0	20.99	PASS
Band12	5MHz	QPSK	23095	12RB#6	21.85	PASS
Band12	5MHz	16QAM	23095	12RB#6	20.99	PASS
Band12	5MHz	QPSK	23095	12RB#13	21.68	PASS
Band12	5MHz	16QAM	23095	12RB#13	20.96	PASS
Band12	5MHz	QPSK	23095	25RB#0	21.85	PASS
Band12	5MHz	16QAM	23095	25RB#0	21.02	PASS
Band12	5MHz	QPSK	23155	1RB#0	22.89	PASS
Band12	5MHz	16QAM	23155	1RB#0	21.73	PASS
Band12	5MHz	QPSK	23155	1RB#12	22.86	PASS
Band12	5MHz	16QAM	23155	1RB#12	21.68	PASS
Band12	5MHz	QPSK	23155	1RB#24	22.81	PASS
Band12	5MHz	16QAM	23155	1RB#24	21.89	PASS
Band12	5MHz	QPSK	23155	12RB#0	21.71	PASS
Band12	5MHz	16QAM	23155	12RB#0	20.89	PASS
Band12	5MHz	QPSK	23155	12RB#6	21.70	PASS
Band12	5MHz	16QAM	23155	12RB#6	20.93	PASS
Band12	5MHz	QPSK	23155	12RB#13	21.74	PASS
Band12	5MHz	16QAM	23155	12RB#13	20.90	PASS
Band12	5MHz	QPSK	23155	25RB#0	21.66	PASS
Band12	5MHz	16QAM	23155	25RB#0	20.99	PASS





Band12	10MHz	QPSK	23060	1RB#0	22.70	PASS
Band12	10MHz	16QAM	23060	1RB#0	22.07	PASS
Band12	10MHz	QPSK	23060	1RB#24	22.56	PASS
Band12	10MHz	16QAM	23060	1RB#24	22.01	PASS
Band12	10MHz	QPSK	23060	1RB#49	22.51	PASS
Band12	10MHz	16QAM	23060	1RB#49	21.92	PASS
Band12	10MHz	QPSK	23060	25RB#0	21.95	PASS
Band12	10MHz	16QAM	23060	25RB#0	20.99	PASS
Band12	10MHz	QPSK	23060	25RB#12	22.14	PASS
Band12	10MHz	16QAM	23060	25RB#12	20.99	PASS
Band12	10MHz	QPSK	23060	25RB#25	21.63	PASS
Band12	10MHz	16QAM	23060	25RB#25	20.92	PASS
Band12	10MHz	QPSK	23060	50RB#0	21.83	PASS
Band12	10MHz	16QAM	23060	50RB#0	20.96	PASS
Band12	10MHz	QPSK	23095	1RB#0	22.91	PASS
Band12	10MHz	16QAM	23095	1RB#0	21.79	PASS
Band12	10MHz	QPSK	23095	1RB#24	22.80	PASS
Band12	10MHz	16QAM	23095	1RB#24	21.81	PASS
Band12	10MHz	16QAM	23095	1RB#49	21.76	PASS
Band12	10MHz	QPSK	23095	25RB#0	21.87	PASS
Band12	10MHz	16QAM	23095	25RB#0	21.15	PASS
Band12	10MHz	QPSK	23095	25RB#12	21.88	PASS
Band12	10MHz	16QAM	23095	25RB#12	21.04	PASS
Band12	10MHz	QPSK	23095	25RB#25	21.71	PASS
Band12	10MHz	16QAM	23095	25RB#25	21.03	PASS
Band12	10MHz	QPSK	23095	50RB#0	21.87	PASS
Band12	10MHz	16QAM	23095	50RB#0	20.96	PASS
Band12	10MHz	QPSK	23130	1RB#0	22.53	PASS
Band12	10MHz	16QAM	23130	1RB#0	22.59	PASS
Band12	10MHz	QPSK	23130	1RB#24	22.54	PASS
Band12	10MHz	QPSK	23130	25RB#12	21.66	PASS
Band12	10MHz	16QAM	23130	25RB#12	20.96	PASS
Band12	10MHz	QPSK	23130	25RB#25	21.64	PASS
Band12	10MHz	16QAM	23130	25RB#25	20.96	PASS
Band12	10MHz	QPSK	23130	50RB#0	21.76	PASS
Band12	10MHz	16QAM	23130	50RB#0	20.91	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	22.76	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	21.09	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	22.57	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	22.15	PASS





Band12	1.4MHz	QPSK	23173	1RB#2	22.50	PASS
Band12	1.4MHz	16QAM	23173	3RB#1	21.74	PASS
Band12	1.4MHz	QPSK	23173	3RB#3	22.64	PASS
Band12	1.4MHz	16QAM	23173	3RB#3	21.51	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	21.69	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	20.88	PASS
Band12	10MHz	QPSK	23095	1RB#49	22.75	PASS
Band12	10MHz	16QAM	23130	1RB#24	22.61	PASS
Band12	10MHz	QPSK	23130	1RB#49	22.50	PASS
Band12	10MHz	16QAM	23130	1RB#49	22.49	PASS
Band12	10MHz	QPSK	23130	25RB#0	21.65	PASS
Band12	10MHz	16QAM	23130	25RB#0	20.96	PASS





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

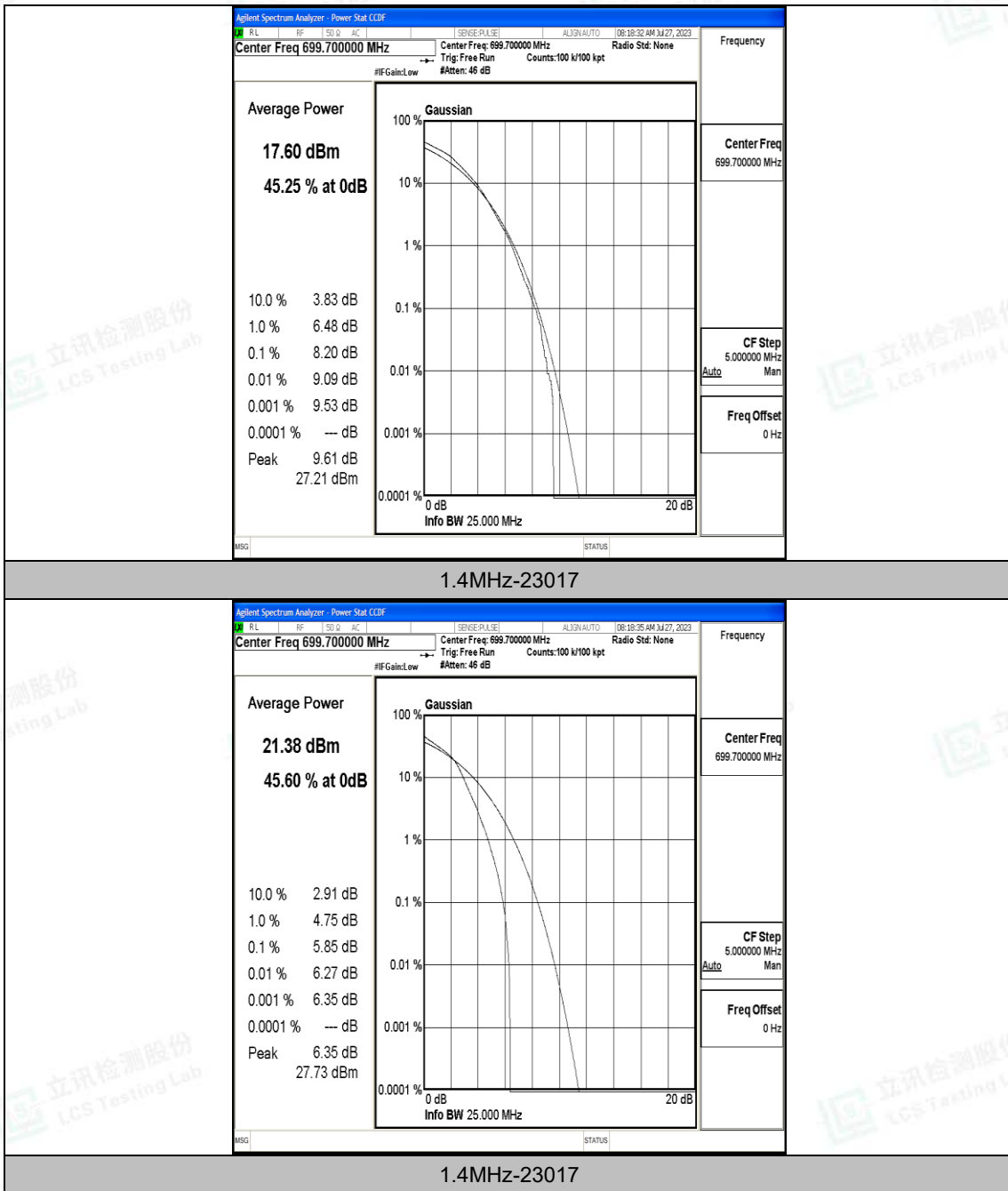
Test Result

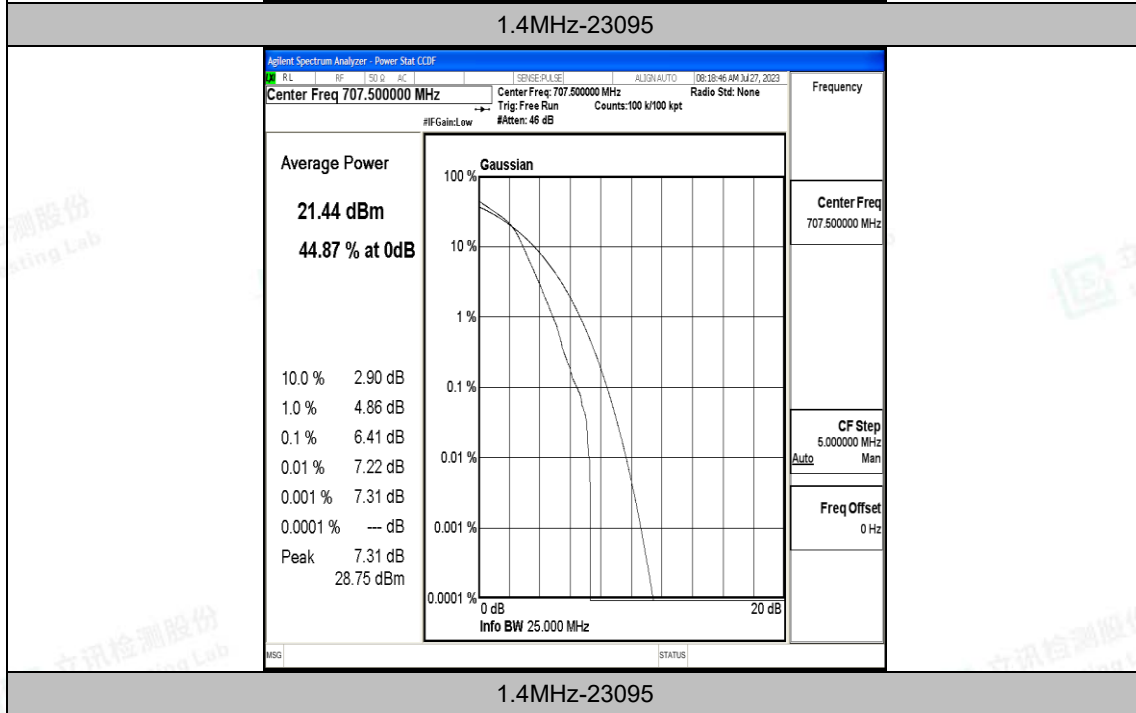
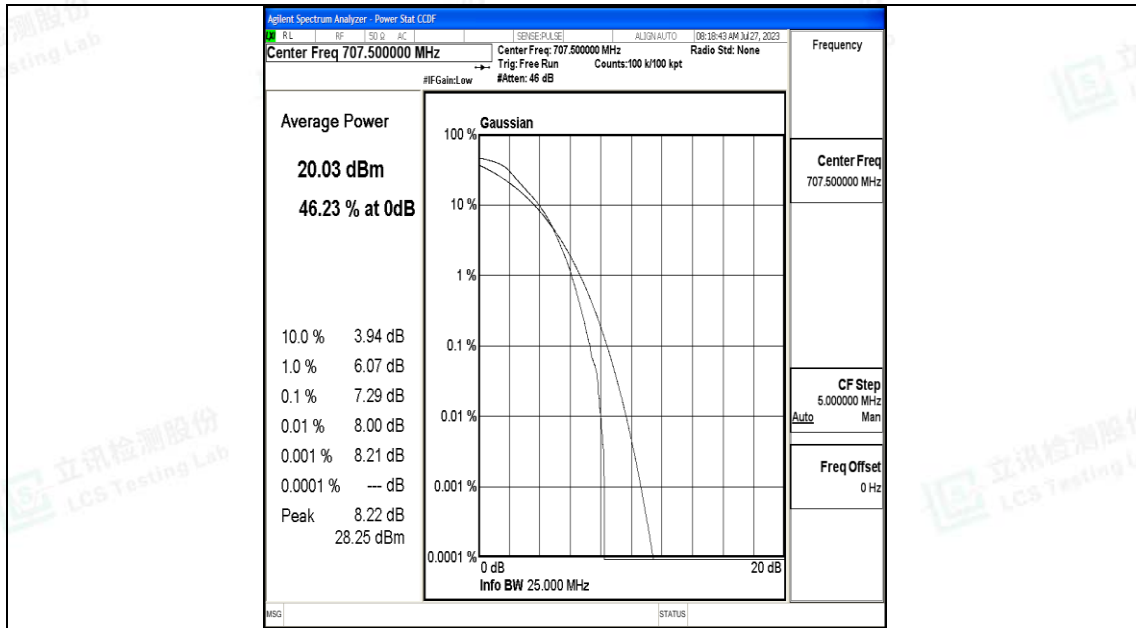
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	8.20	13	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	5.85	13	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	7.29	13	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	6.41	13	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	5.89	13	PASS
Band12	3MHz	QPSK	23025	15RB#0	5.38	13	PASS
Band12	3MHz	16QAM	23025	15RB#0	5.83	13	PASS
Band12	3MHz	16QAM	23095	15RB#0	5.90	13	PASS
Band12	3MHz	16QAM	23165	15RB#0	6.23	13	PASS
Band12	5MHz	QPSK	23035	25RB#0	5.41	13	PASS
Band12	5MHz	16QAM	23035	25RB#0	6.11	13	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	4.97	13	PASS
Band12	3MHz	QPSK	23095	15RB#0	5.41	13	PASS
Band12	3MHz	QPSK	23165	15RB#0	5.21	13	PASS
Band12	5MHz	QPSK	23095	25RB#0	6.88	13	PASS
Band12	5MHz	16QAM	23095	25RB#0	6.07	13	PASS
Band12	5MHz	16QAM	23155	25RB#0	6.13	13	PASS
Band12	10MHz	QPSK	23060	50RB#0	5.73	13	PASS
Band12	10MHz	16QAM	23060	50RB#0	6.27	13	PASS
Band12	10MHz	QPSK	23095	50RB#0	5.52	13	PASS
Band12	10MHz	16QAM	23095	50RB#0	6.17	13	PASS
Band12	10MHz	16QAM	23130	50RB#0	5.99	13	PASS
Band12	5MHz	QPSK	23155	25RB#0	5.04	13	PASS
Band12	10MHz	QPSK	23130	50RB#0	5.26	13	PASS

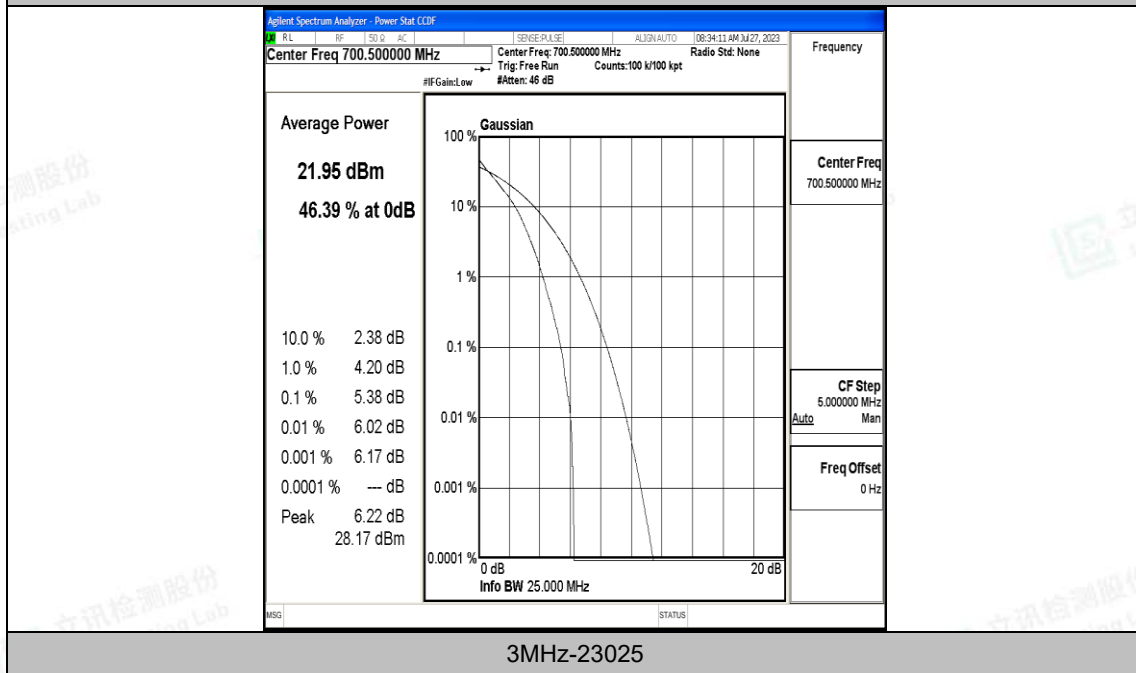
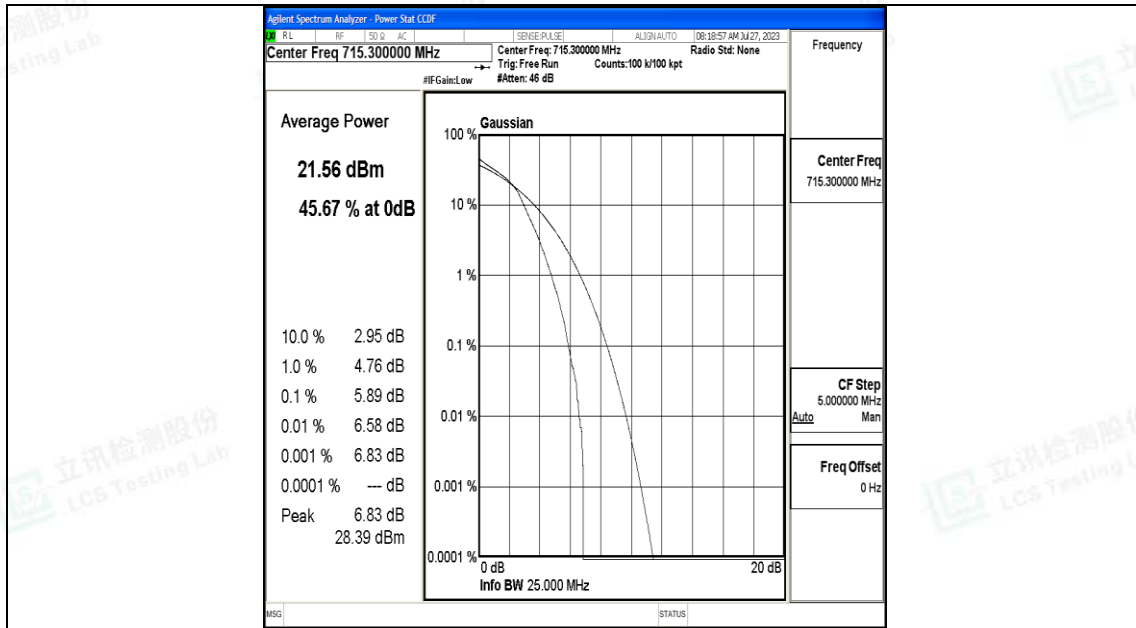


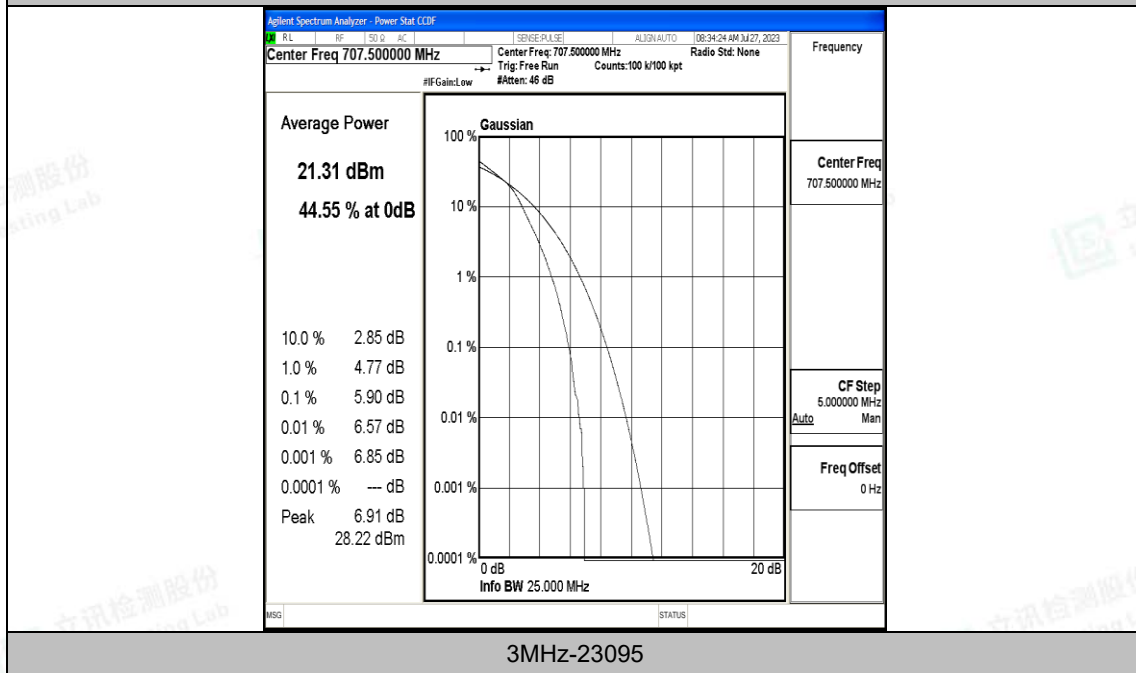
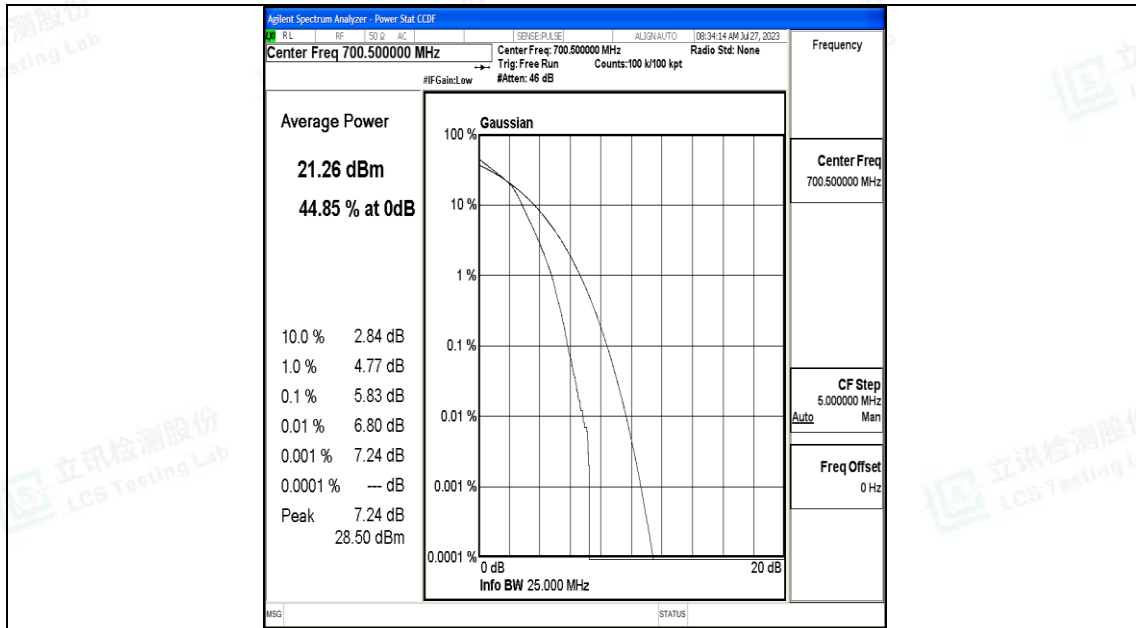


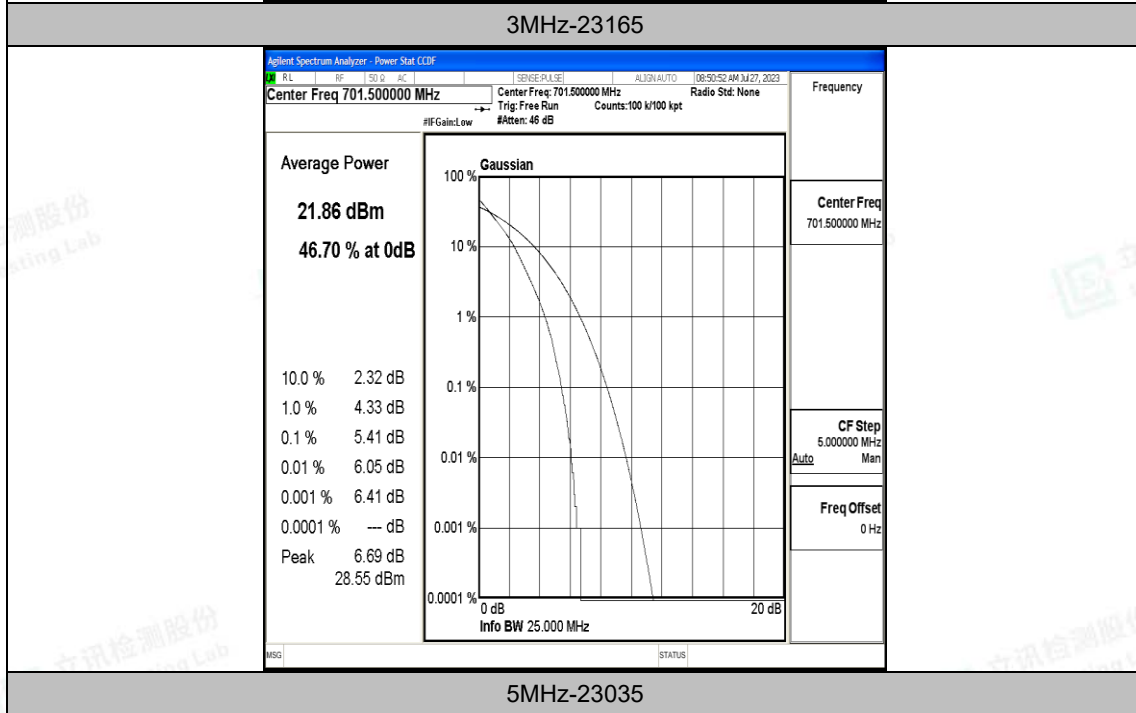
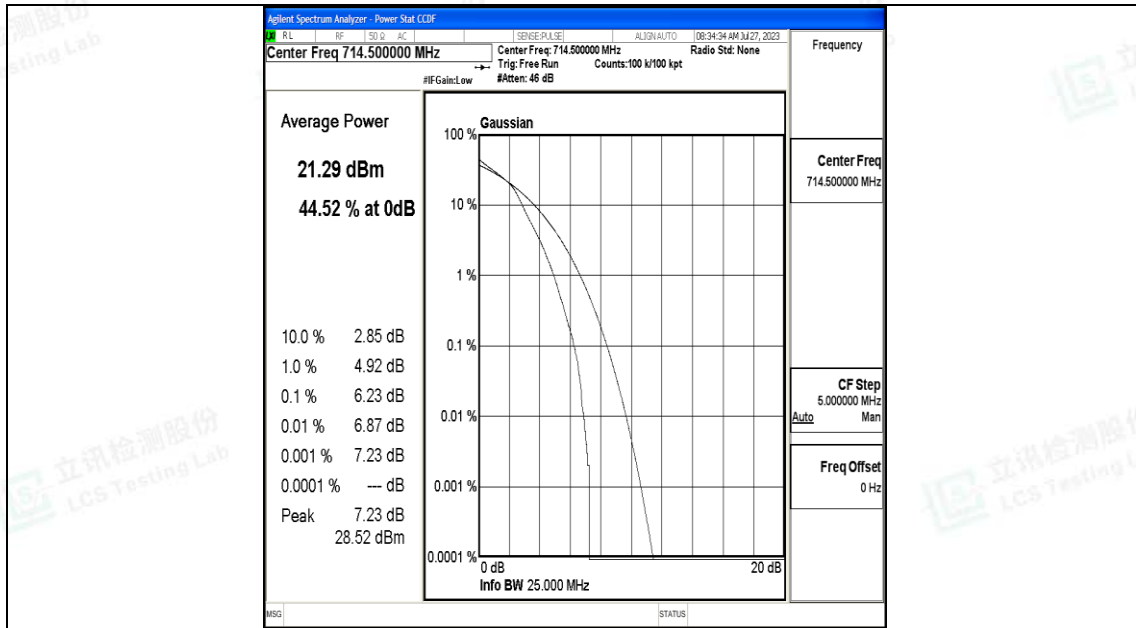
Test Graphs

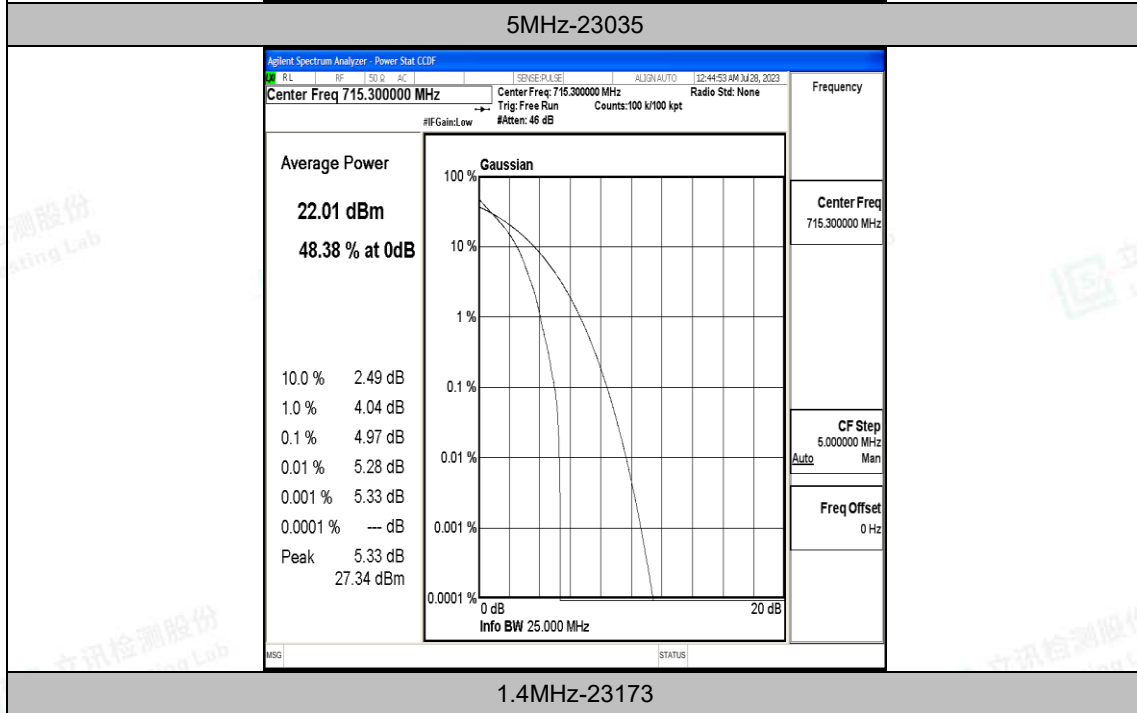
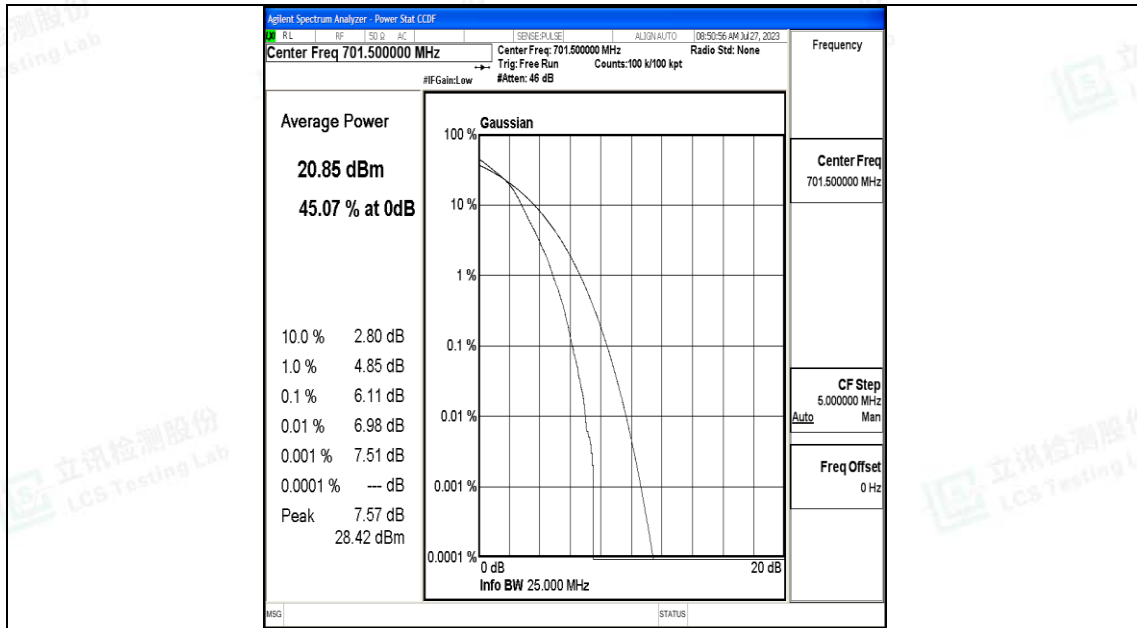


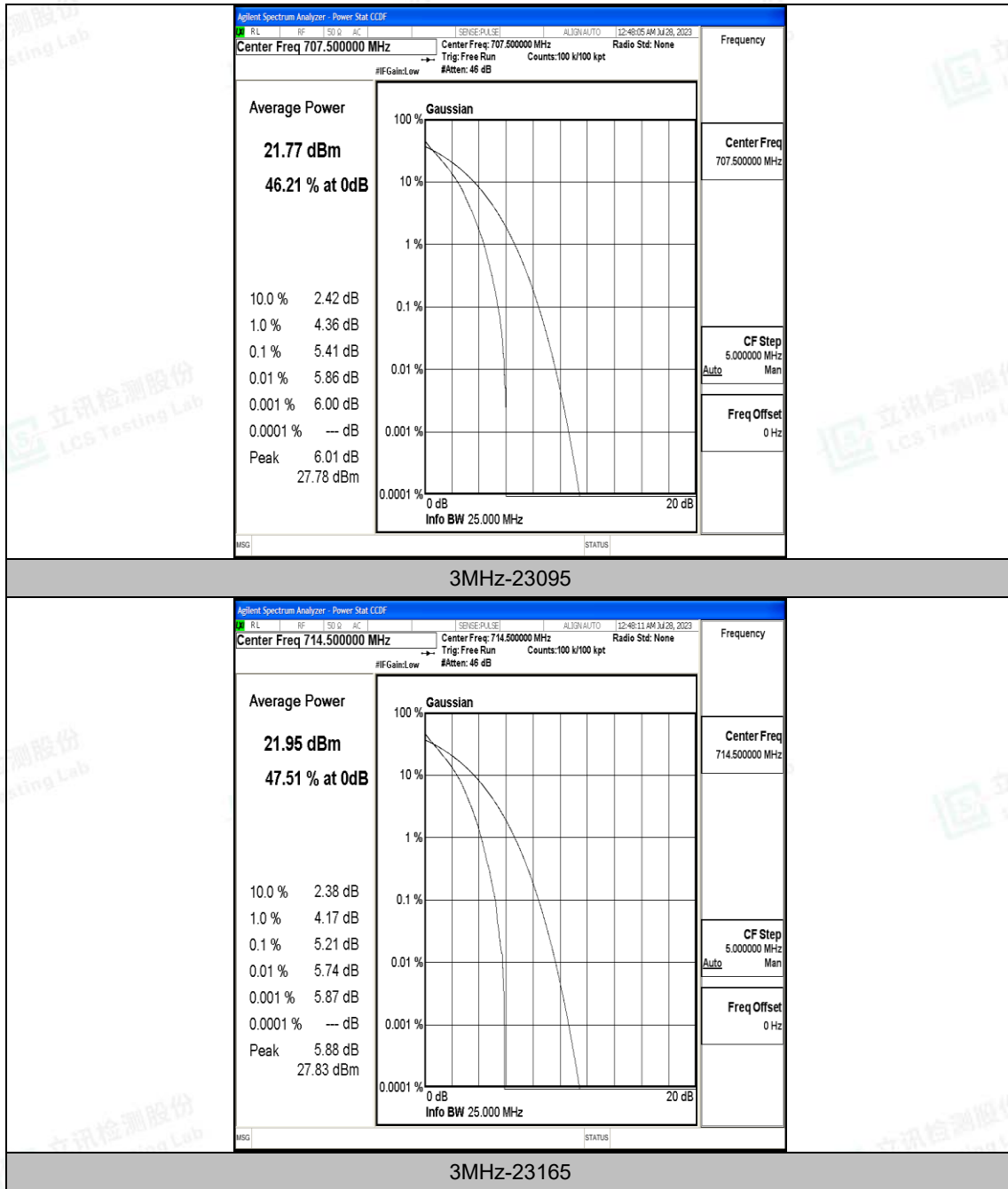


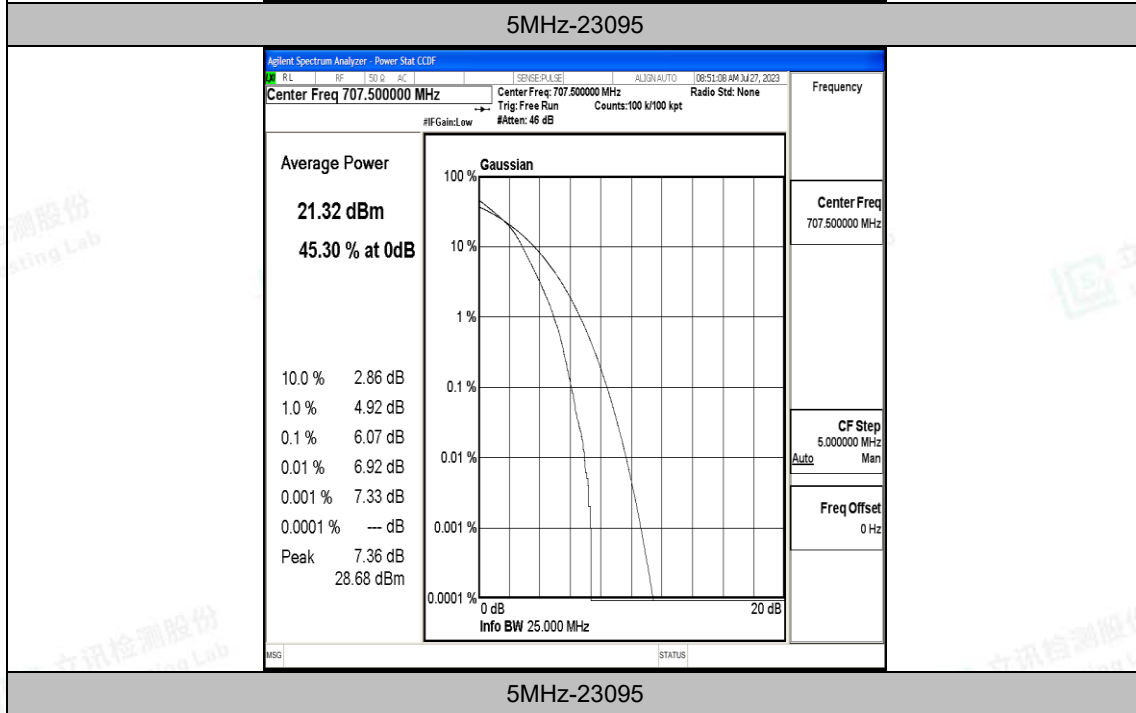
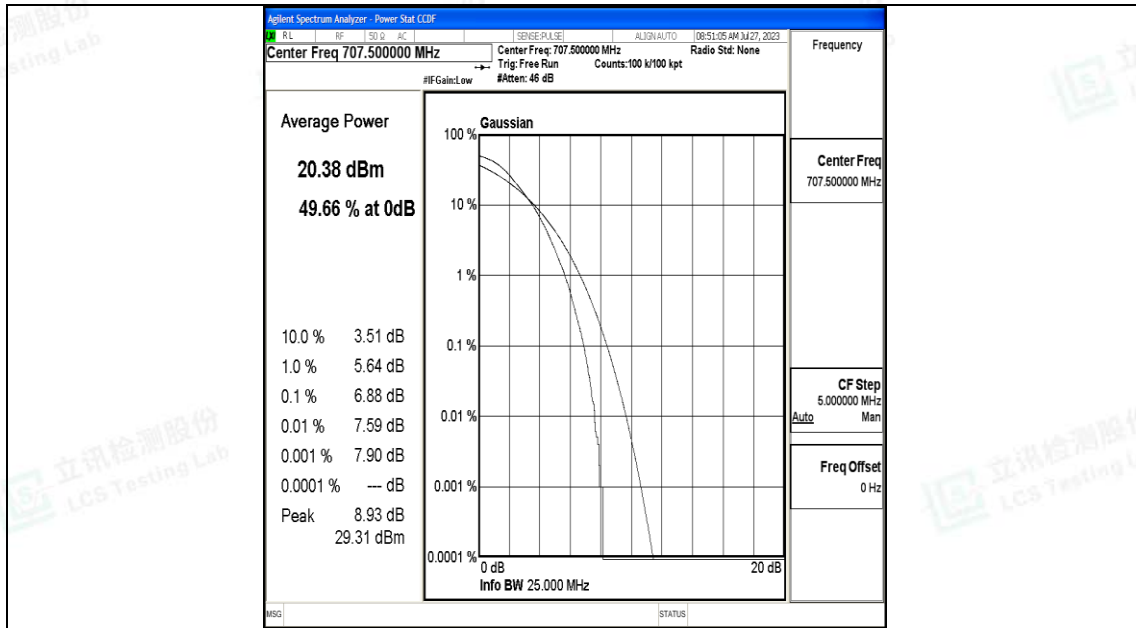


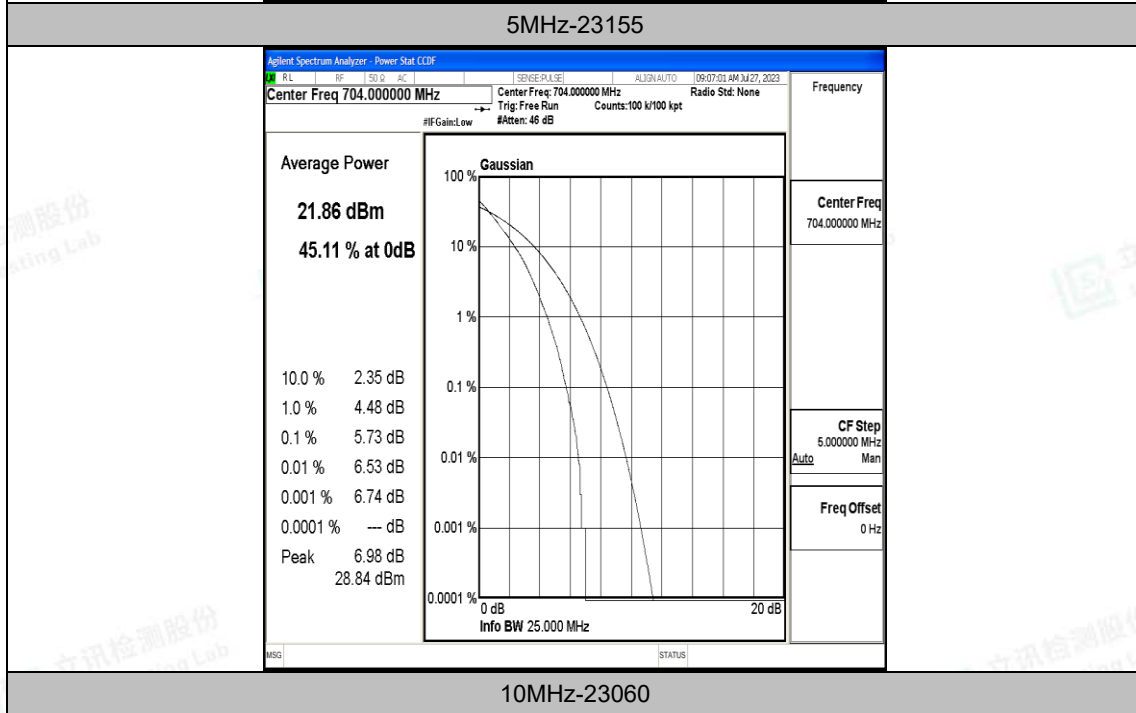
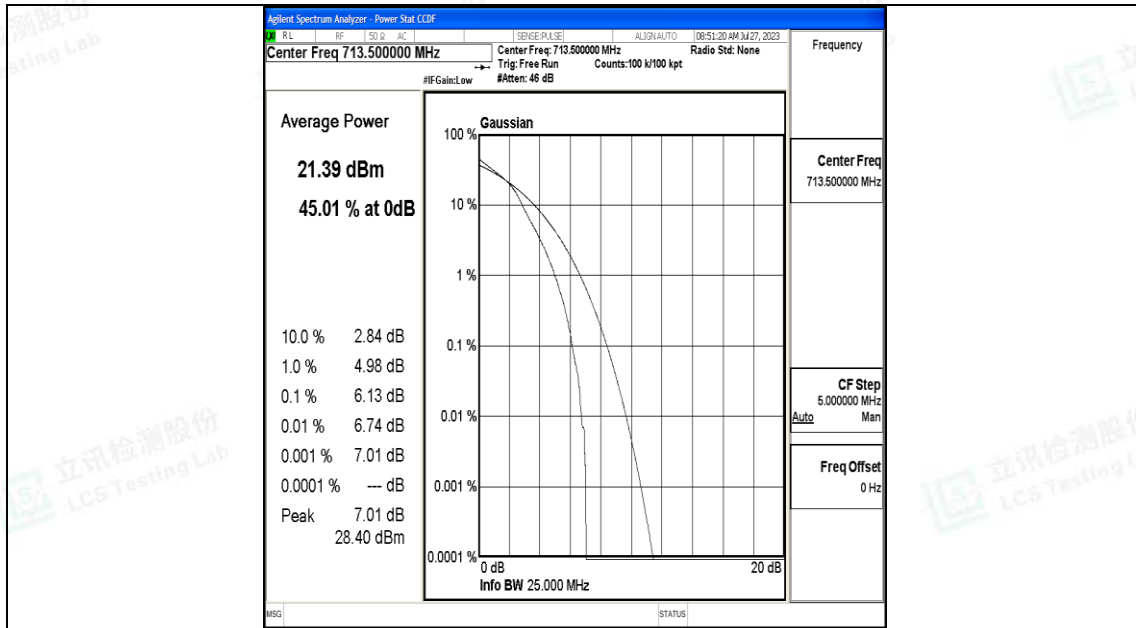


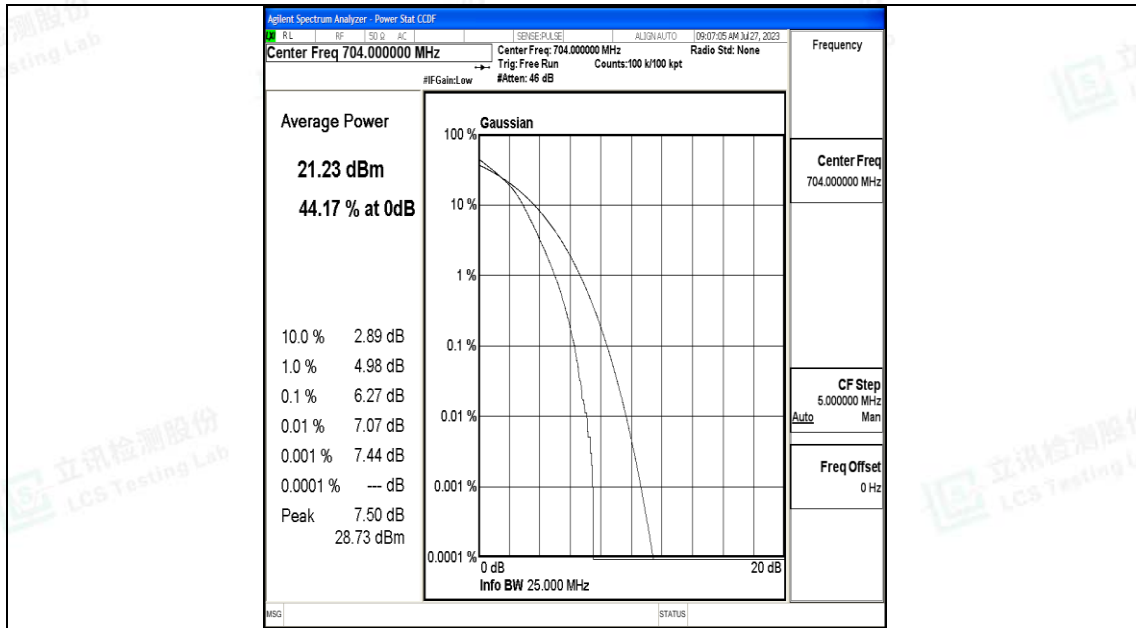




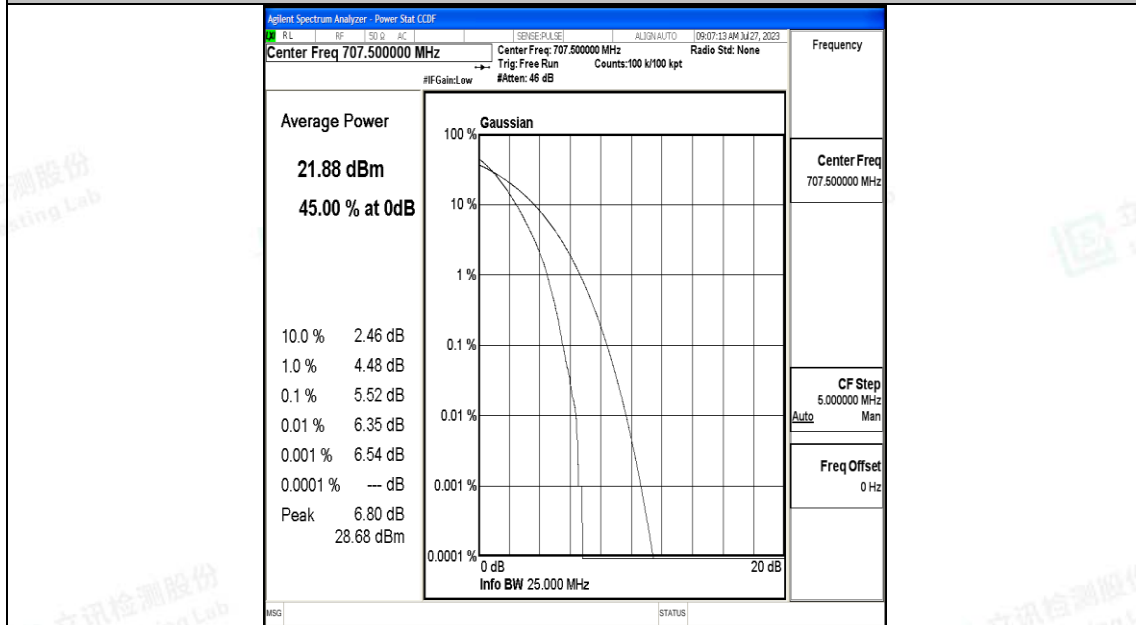






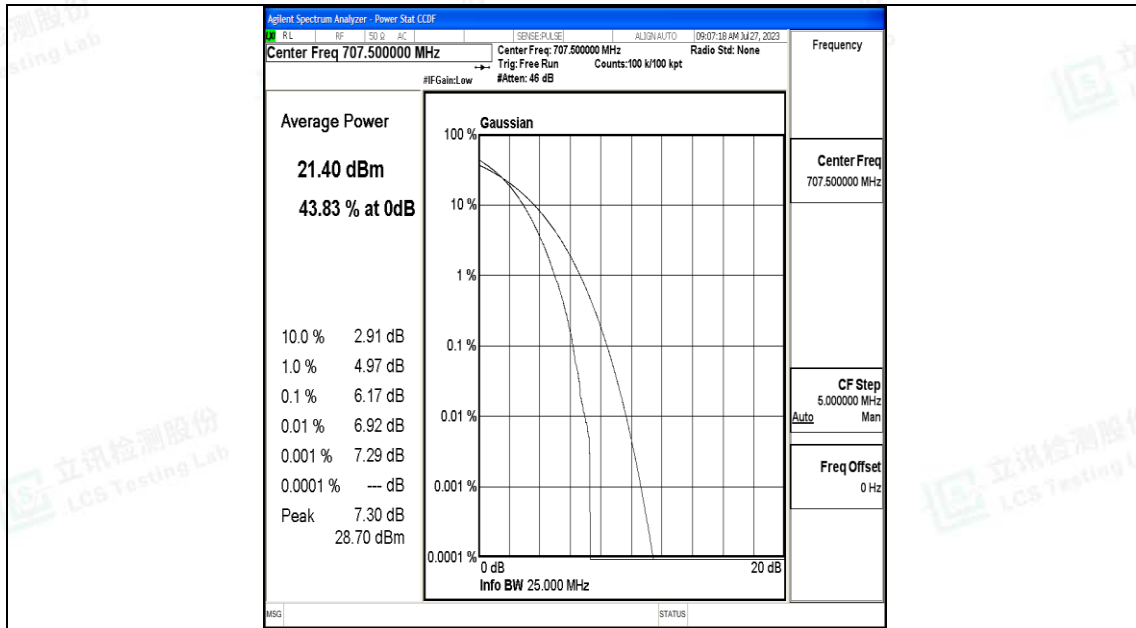


10MHz-23060

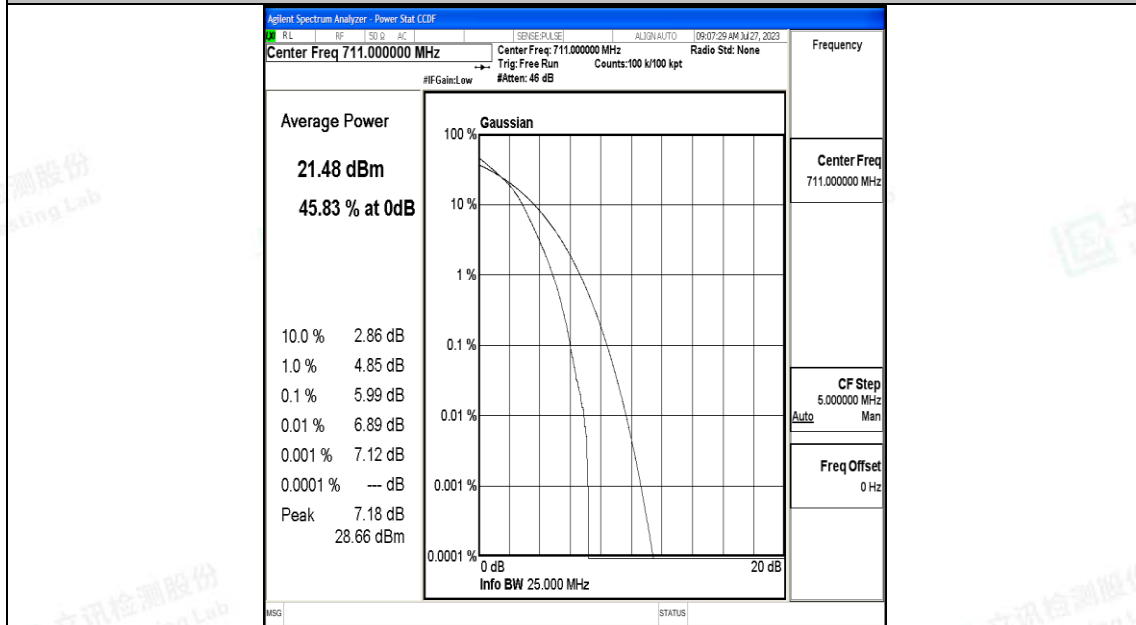


10MHz-23095



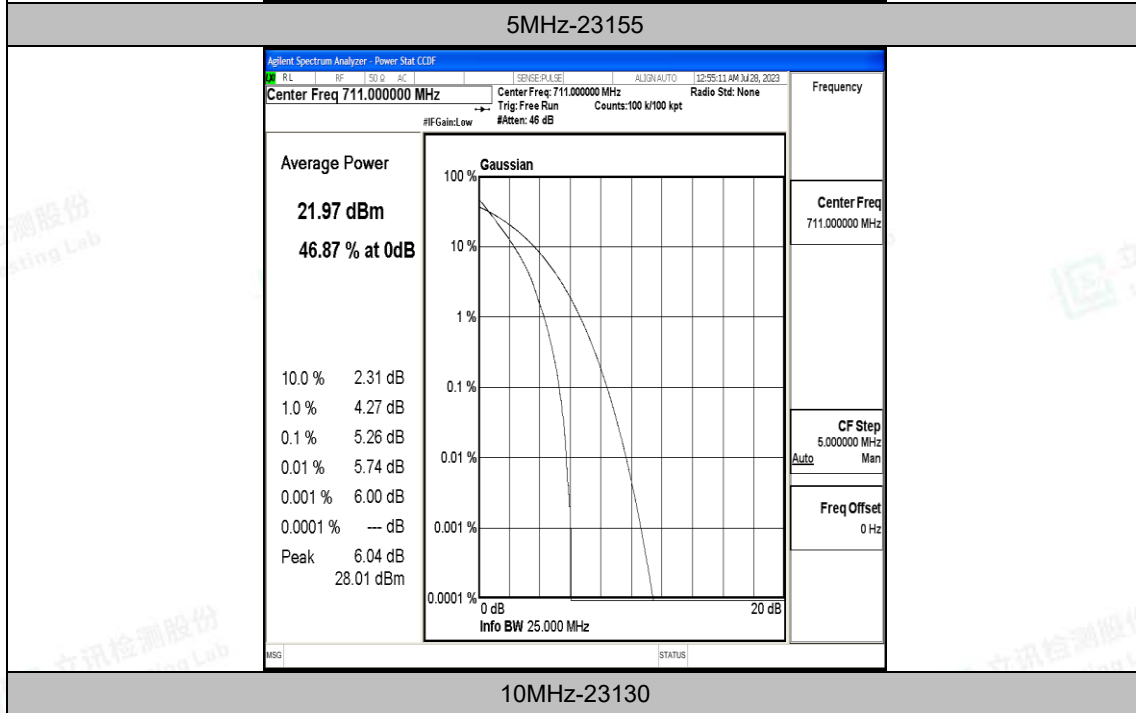
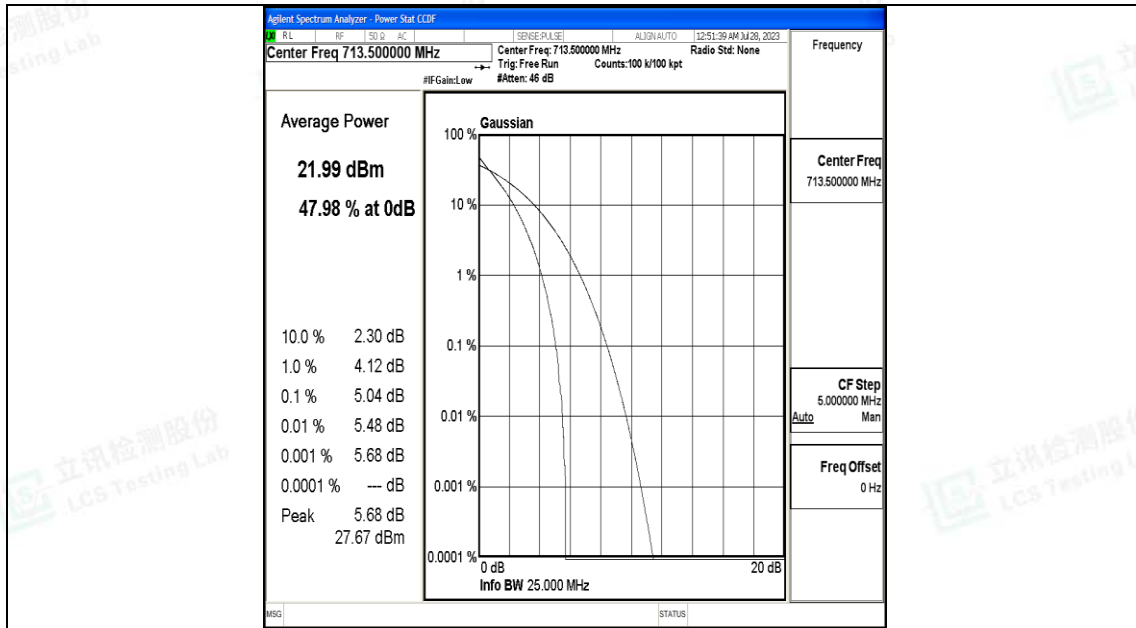


10MHz-23095



10MHz-23130







G.3 26dB Bandwidth and Occupied Bandwidth

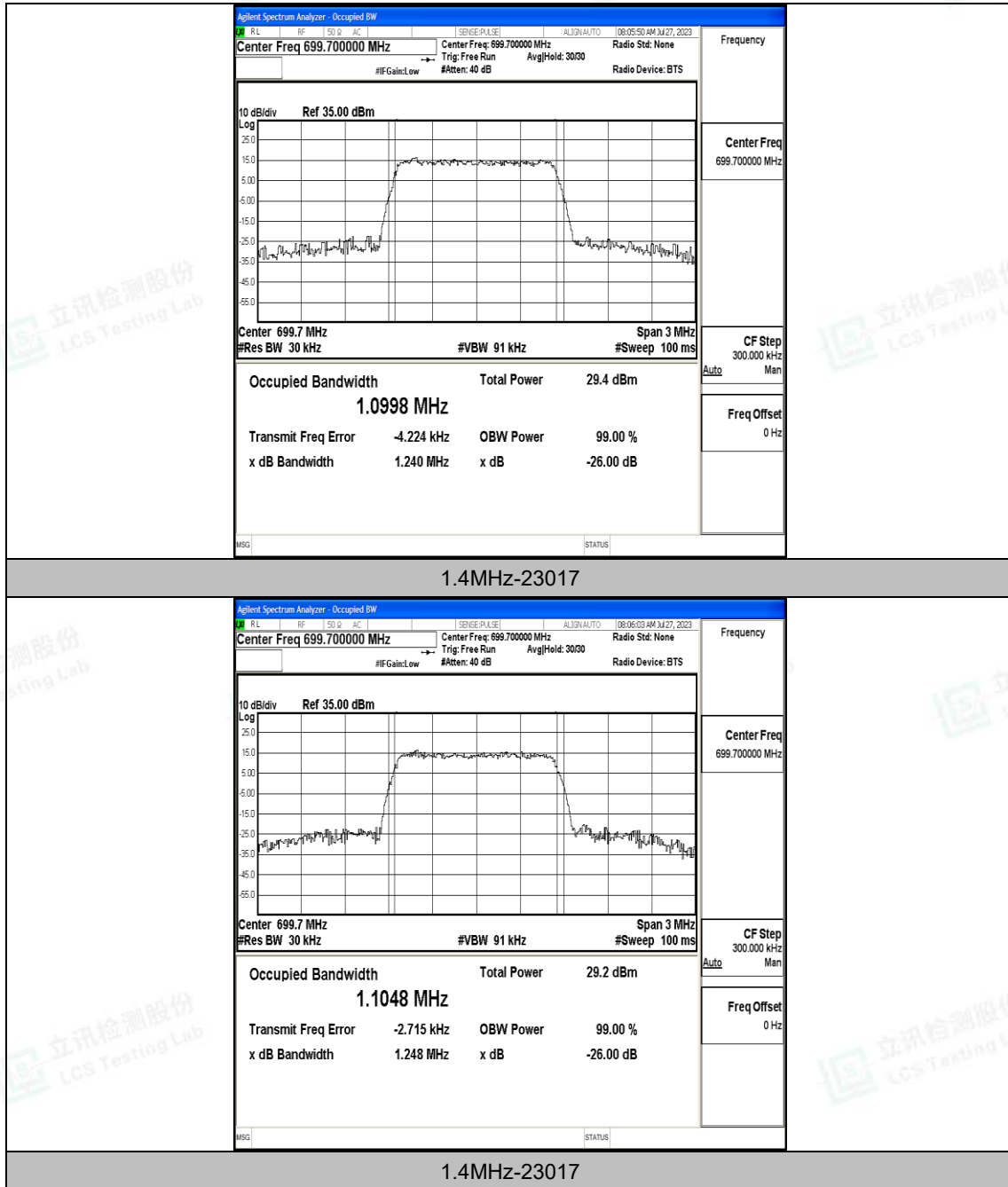
Test Result

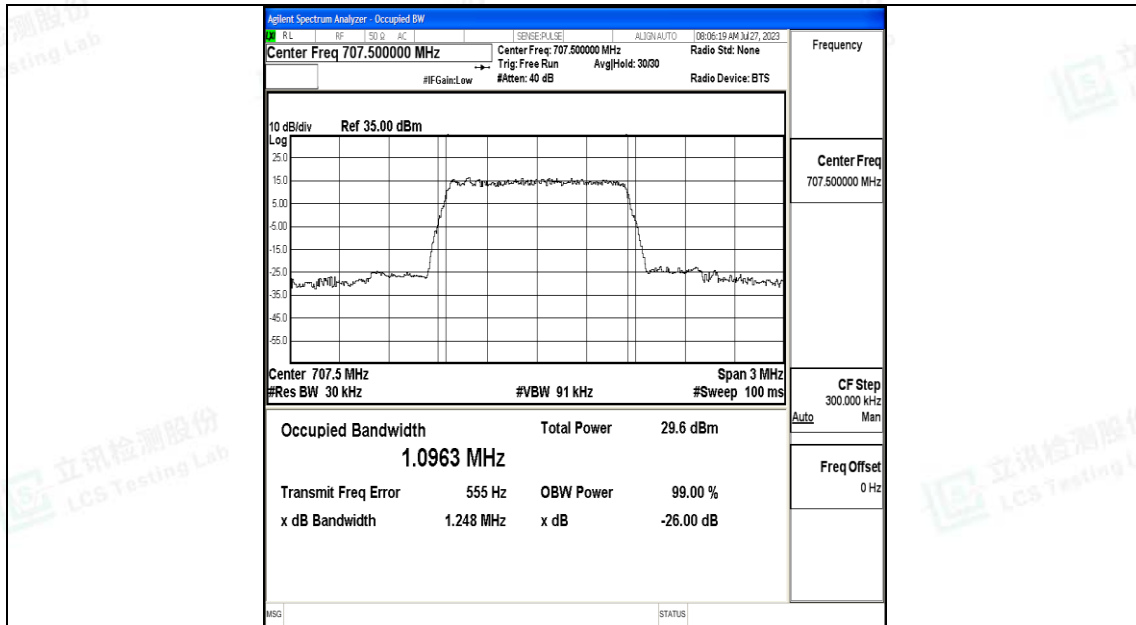
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	1.0998	1.240	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1.1048	1.248	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.0963	1.248	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.0900	1.247	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.0963	1.248	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1.0880	1.240	PASS
Band12	3MHz	QPSK	23025	15RB#0	2.6968	2.986	PASS
Band12	3MHz	16QAM	23025	15RB#0	2.7003	3.020	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.7020	3.023	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.7054	3.041	PASS
Band12	3MHz	QPSK	23165	15RB#0	2.7110	3.004	PASS
Band12	3MHz	16QAM	23165	15RB#0	2.7021	3.023	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.5210	4.980	PASS
Band12	5MHz	16QAM	23035	25RB#0	4.5075	4.950	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.5105	4.977	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.5049	4.992	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.5272	4.986	PASS
Band12	5MHz	16QAM	23155	25RB#0	4.5094	4.965	PASS
Band12	10MHz	QPSK	23060	50RB#0	9.0415	9.958	PASS
Band12	10MHz	16QAM	23060	50RB#0	9.0262	9.955	PASS
Band12	10MHz	QPSK	23095	50RB#0	8.9812	9.783	PASS
Band12	10MHz	16QAM	23095	50RB#0	8.9640	9.821	PASS
Band12	10MHz	QPSK	23130	50RB#0	8.9657	9.868	PASS
Band12	10MHz	16QAM	23130	50RB#0	8.9615	9.937	PASS



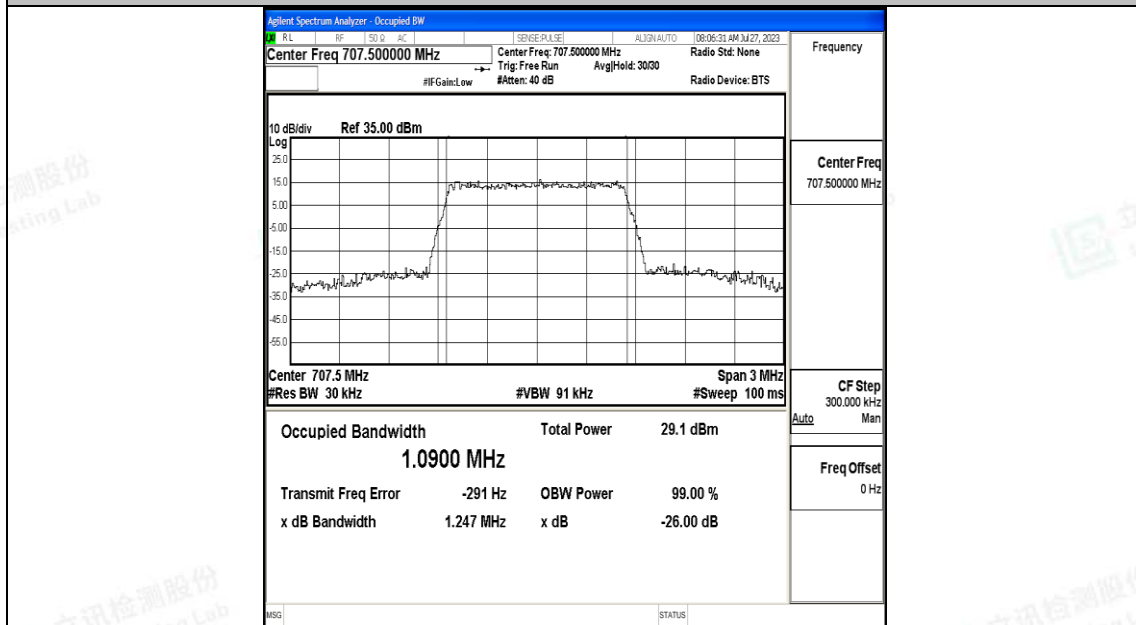


Test Graphs



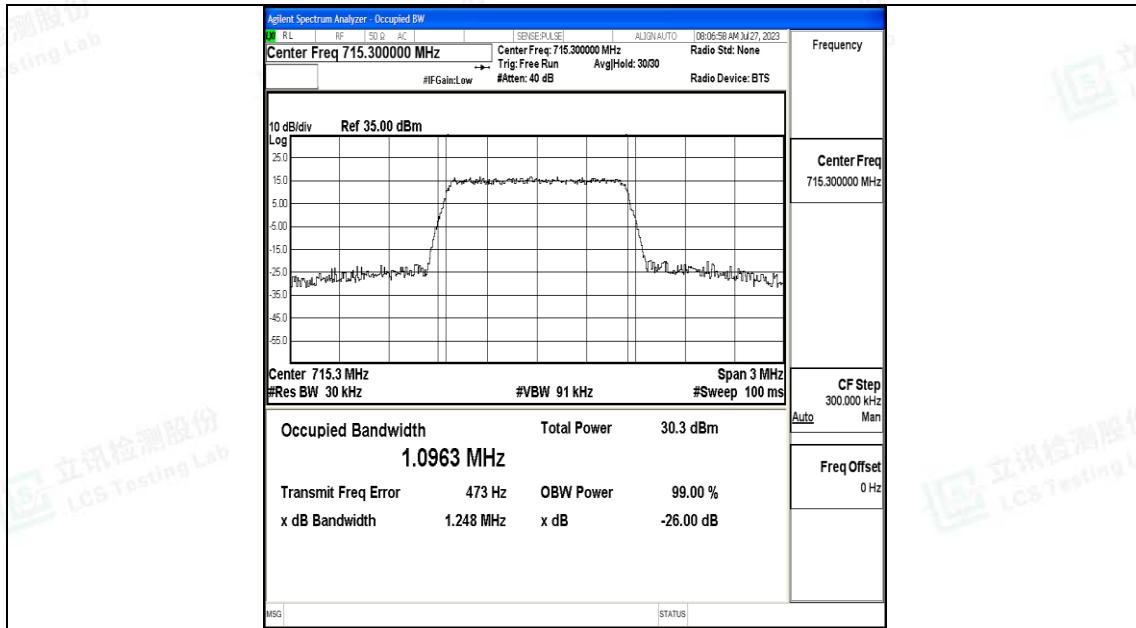


1.4MHz-23095



1.4MHz-23095



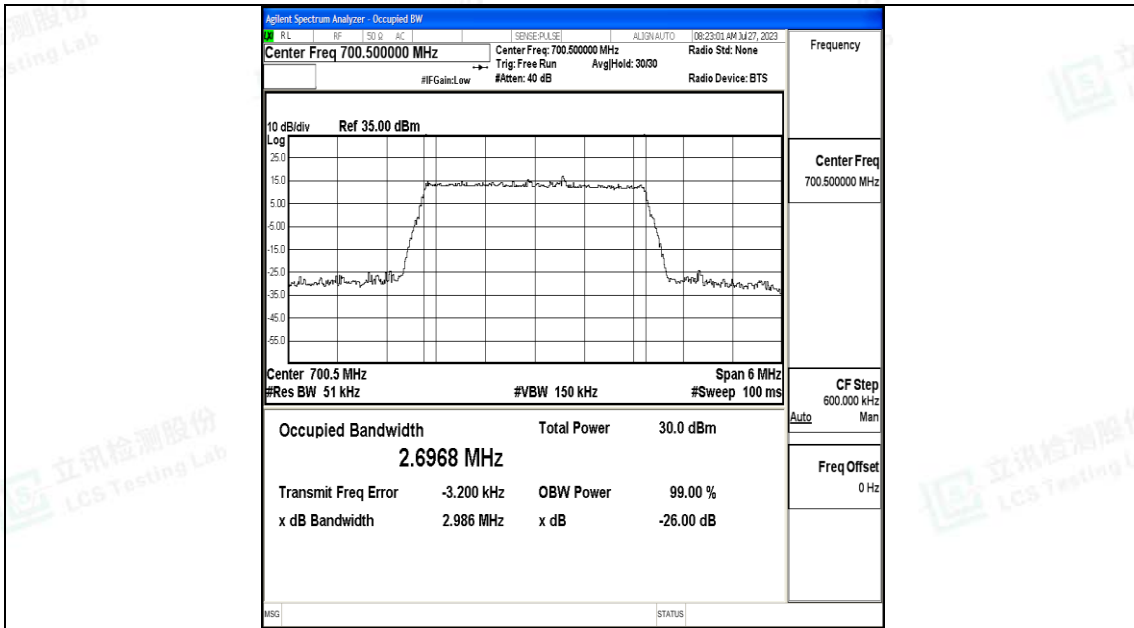


1.4MHz-23173

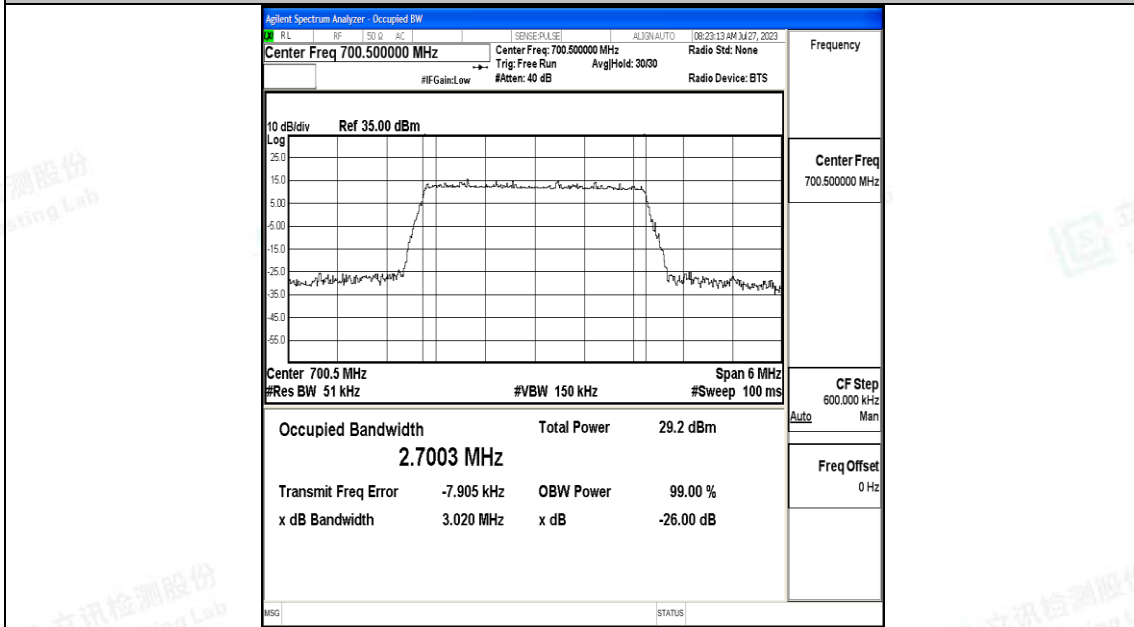


1.4MHz-23173



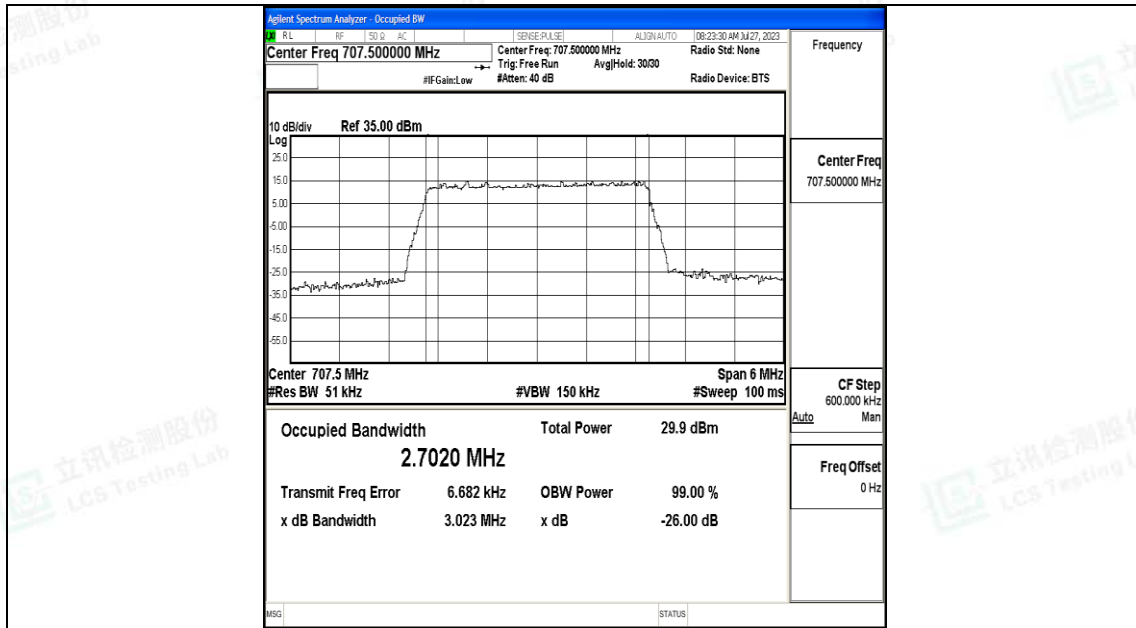


3MHz-23025

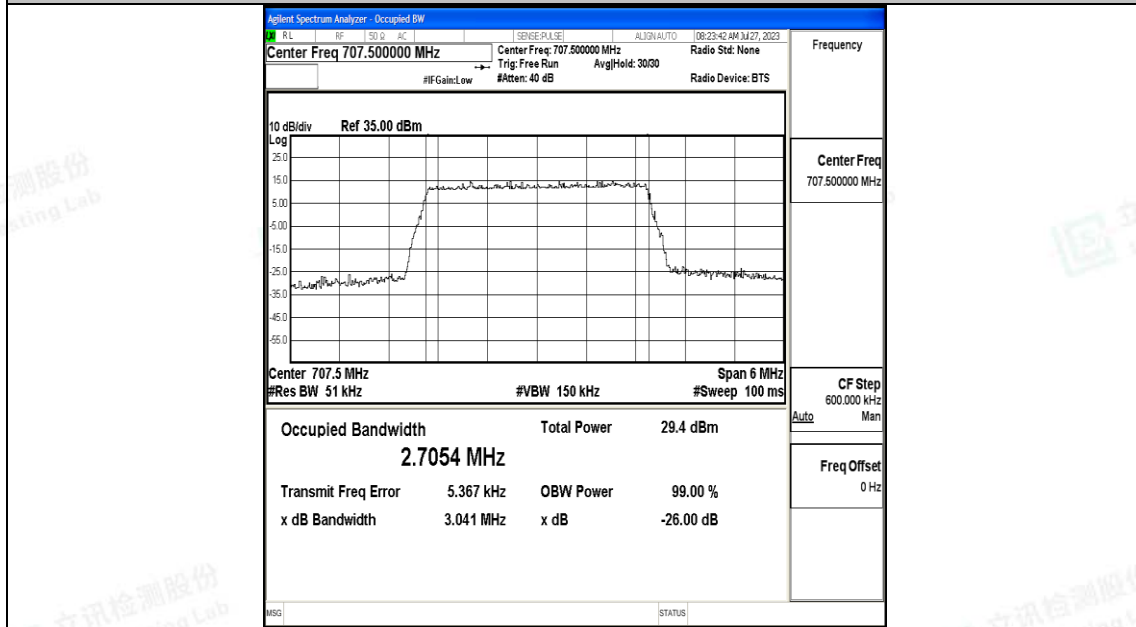


3MHz-23025



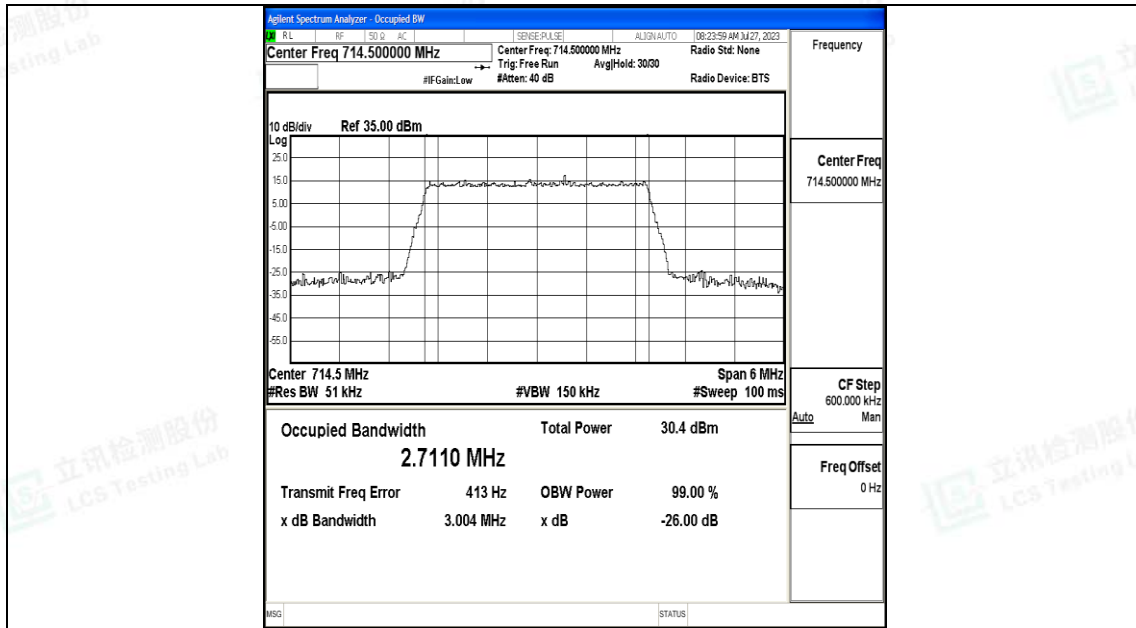


3MHz-23095

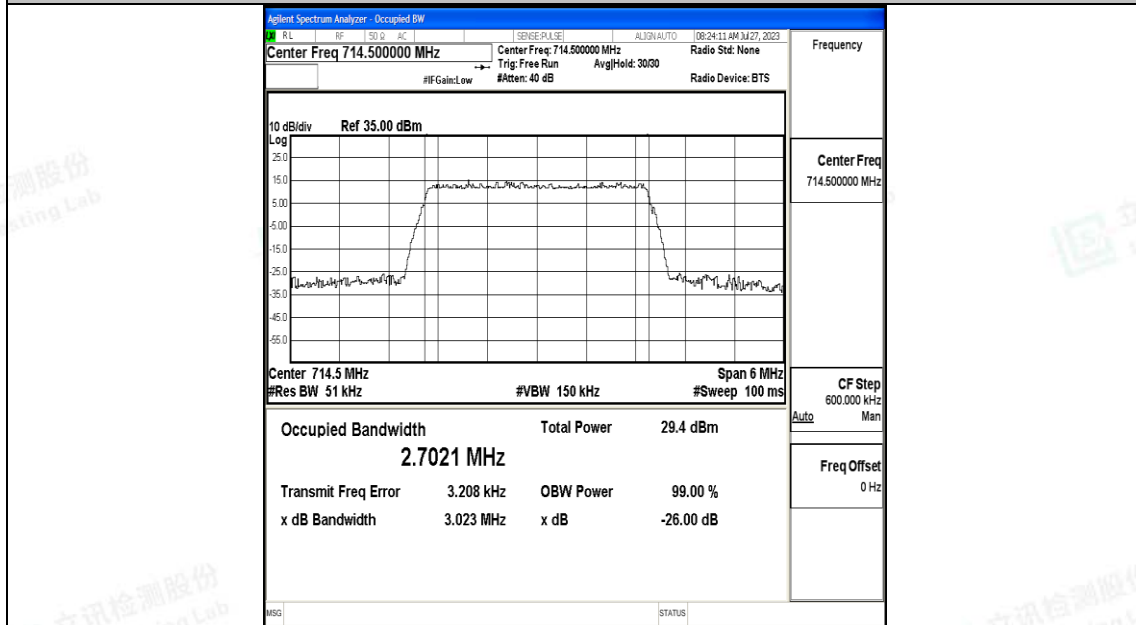


3MHz-23095



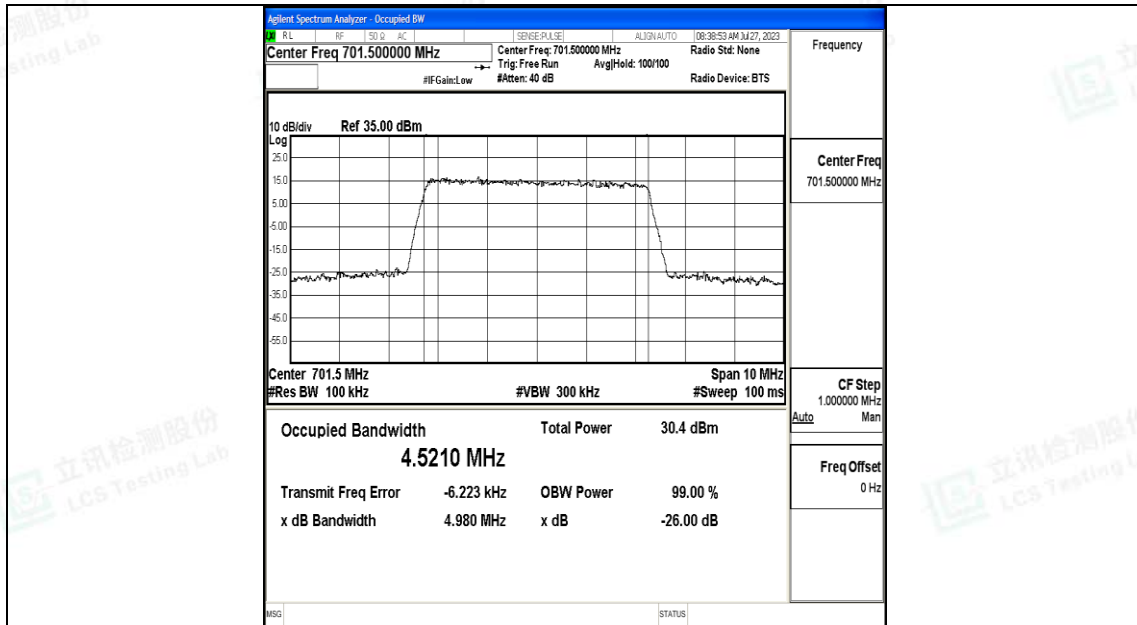


3MHz-23165

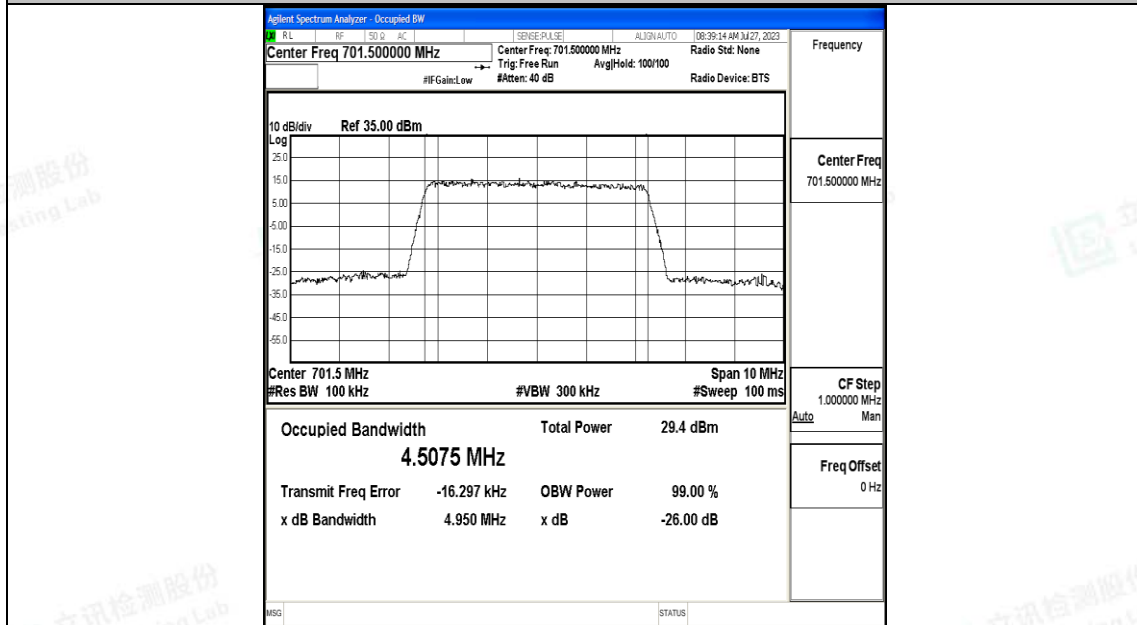


3MHz-23165



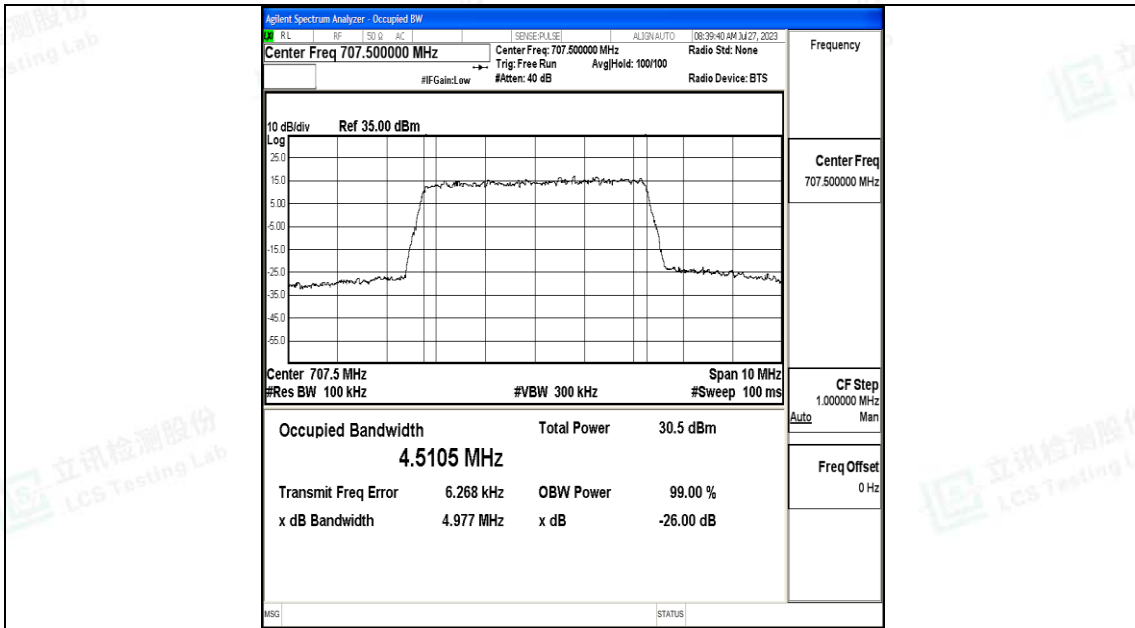


5MHz-23035



5MHz-23035



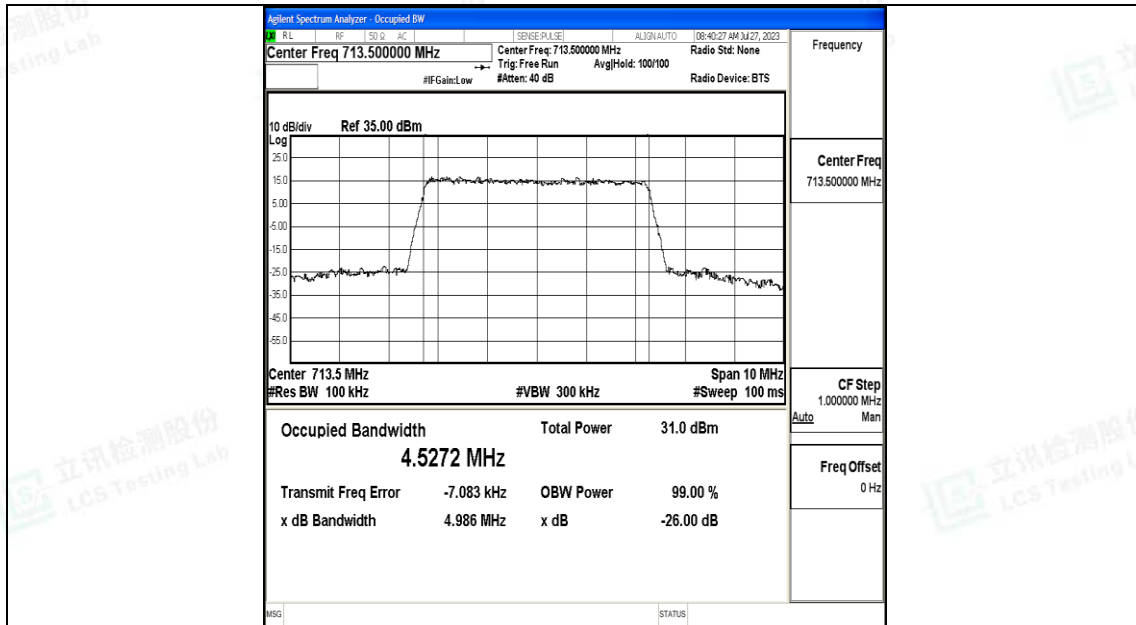


5MHz-23095

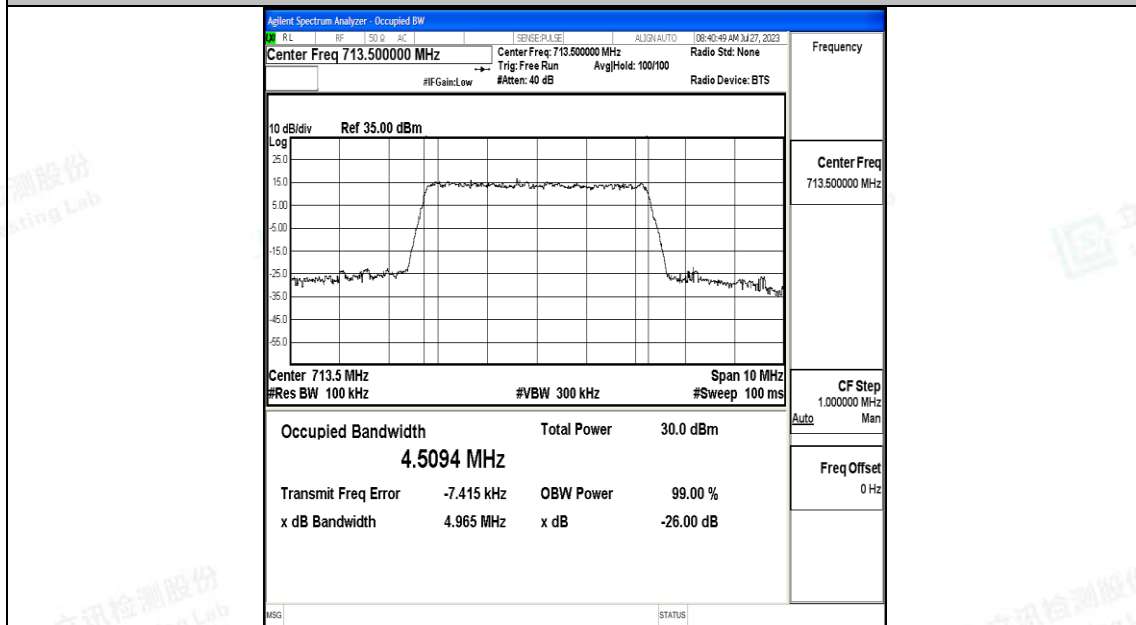


5MHz-23095



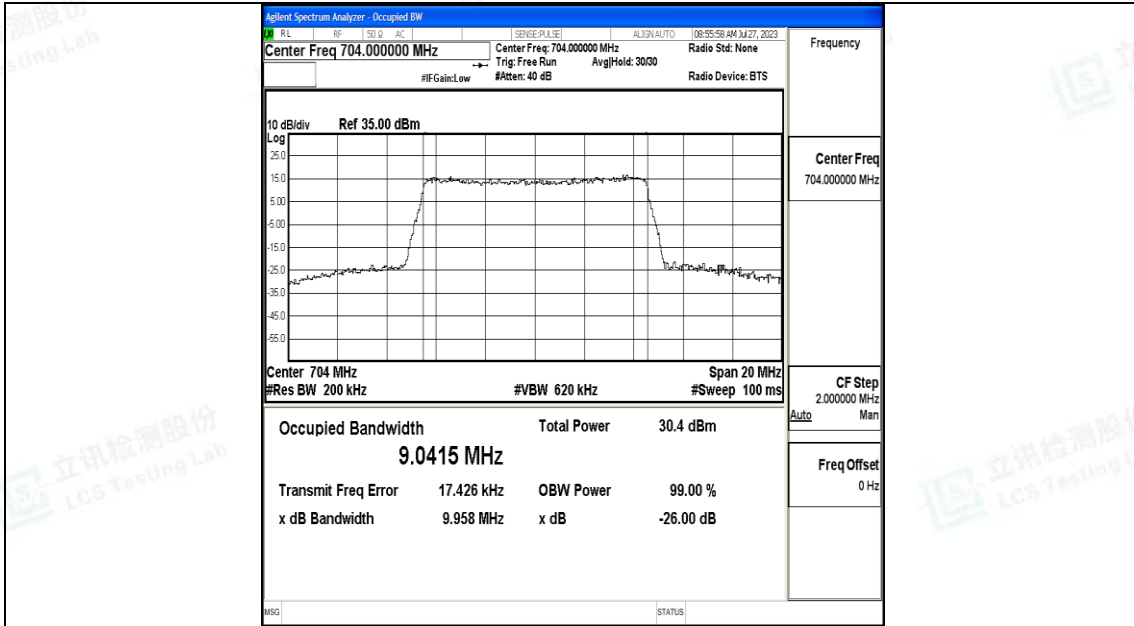


5MHz-23155

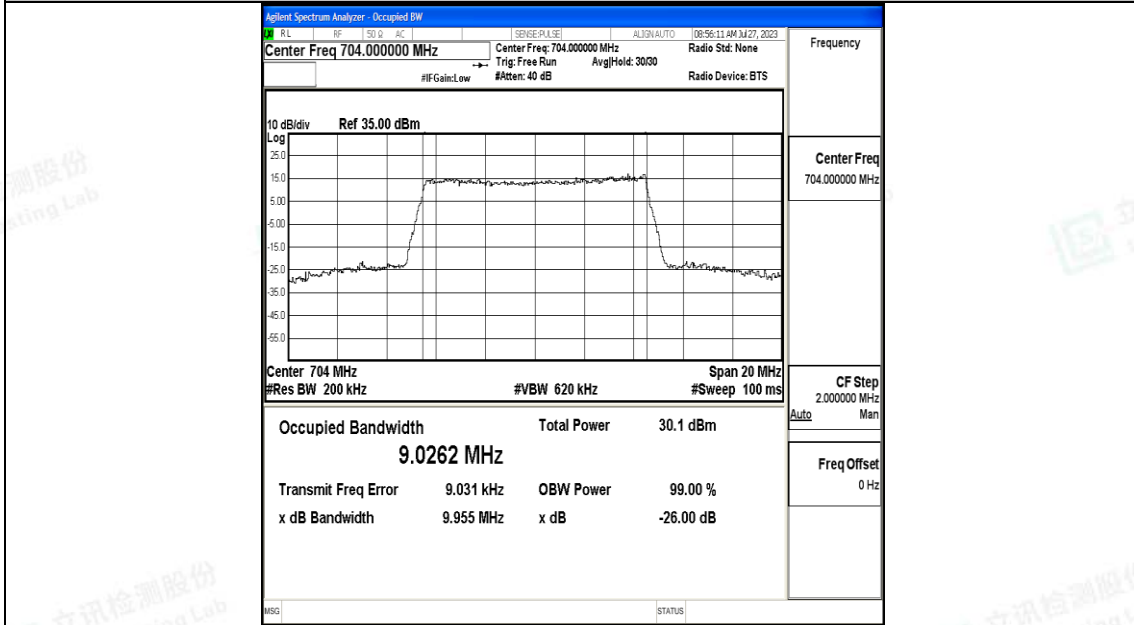


5MHz-23155



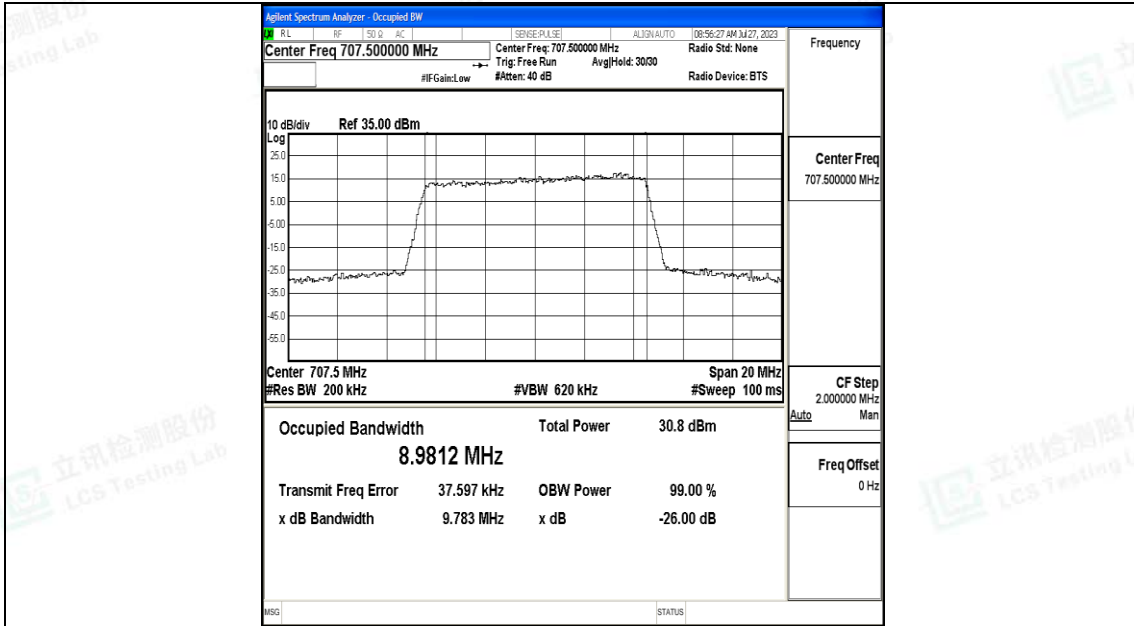


10MHz-23060

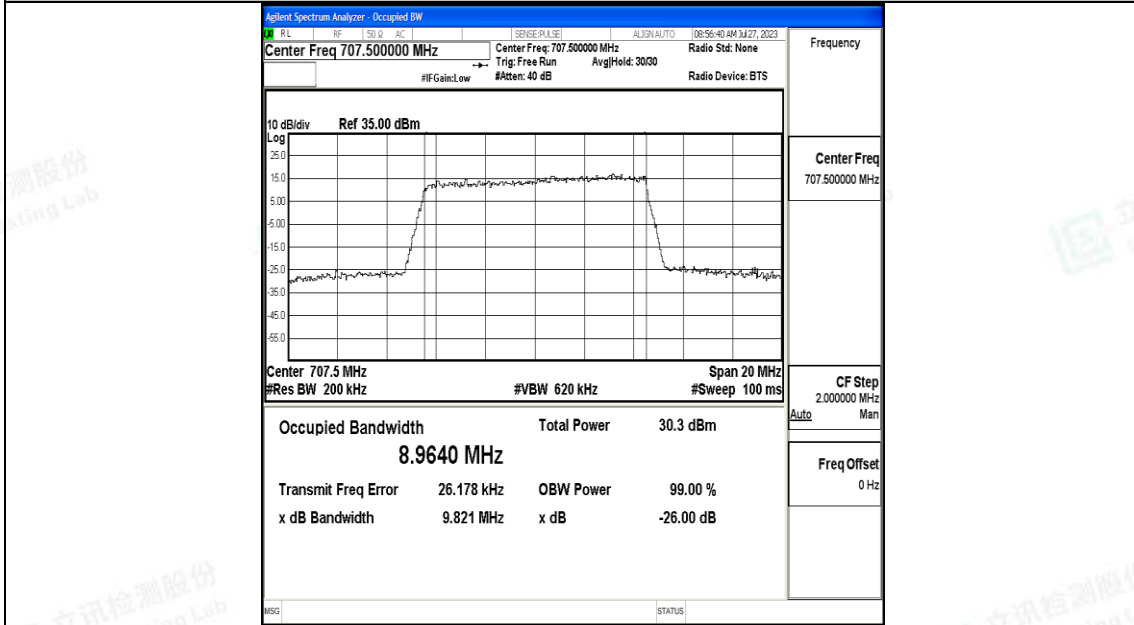


10MHz-23060



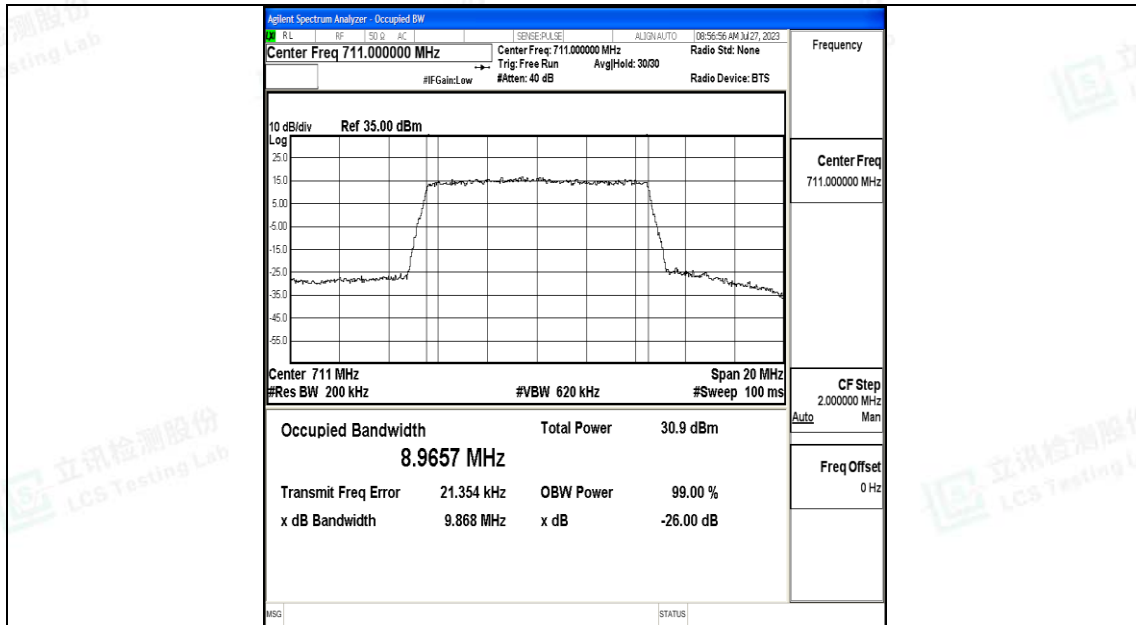


10MHz-23095

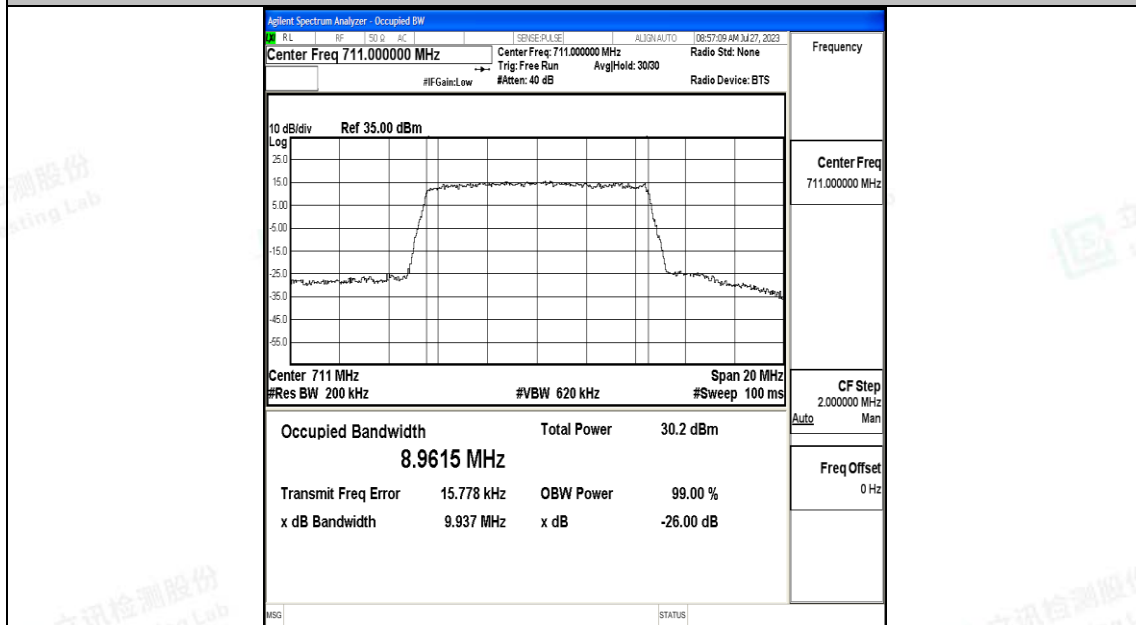


10MHz-23095





10MHz-23130



10MHz-23130



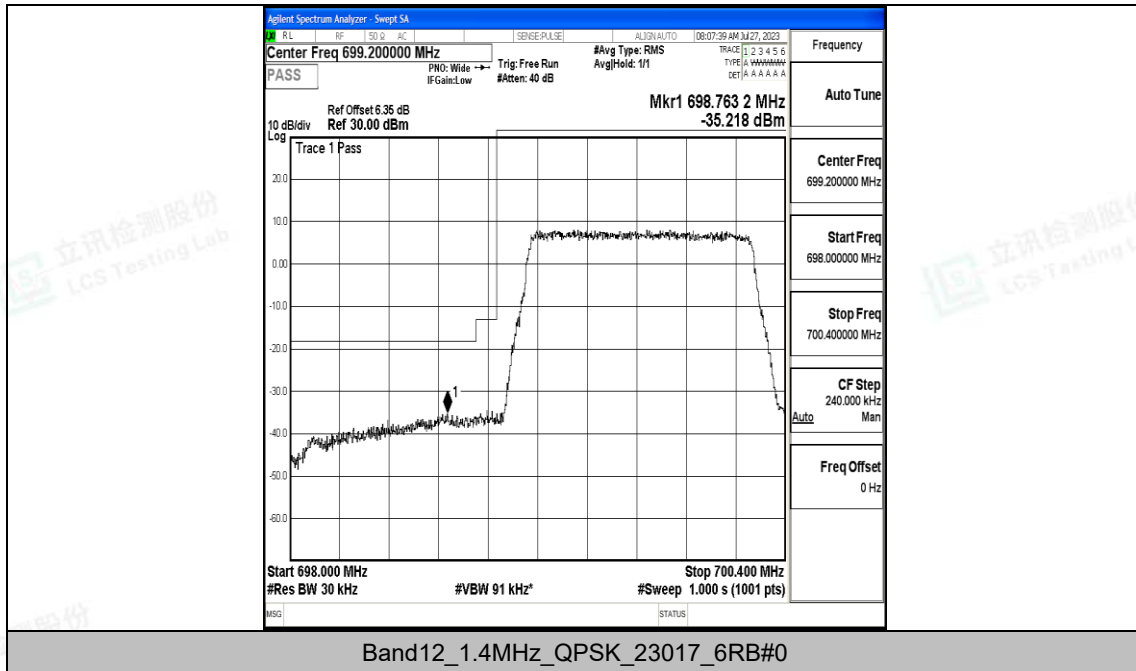


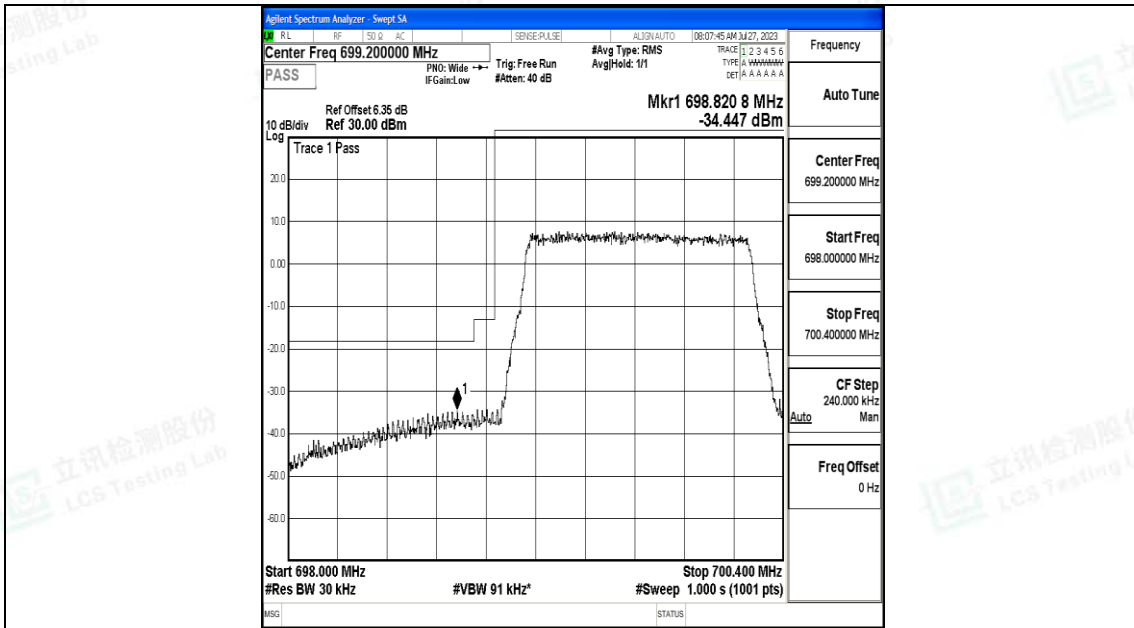
G.4 Band Edge

Test Result

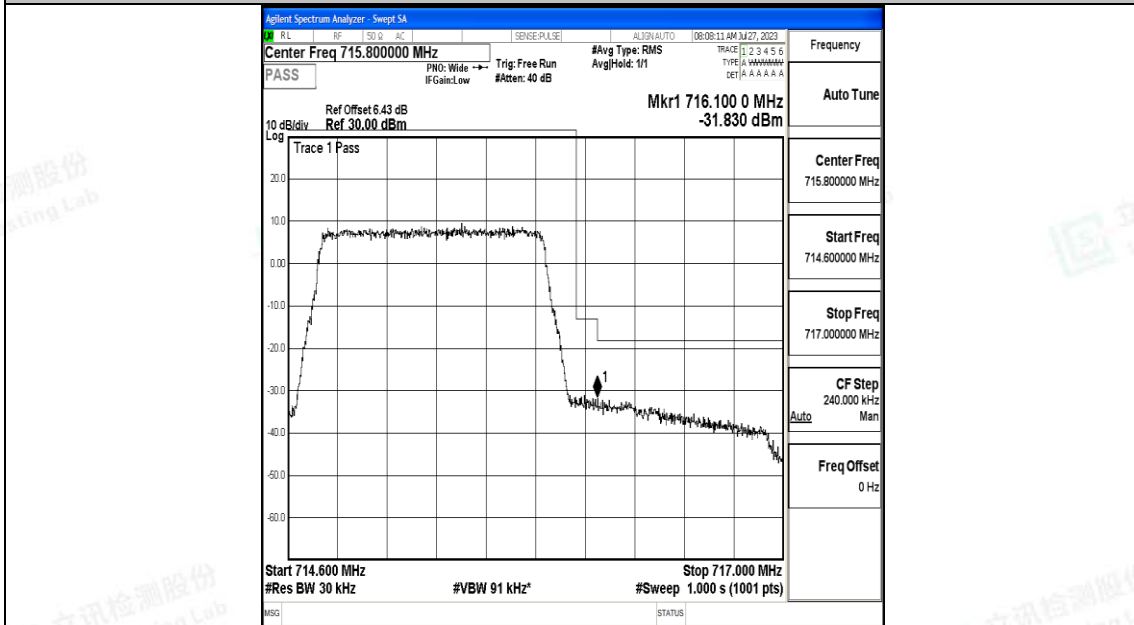
Band	Bandwidth	Modulation	Channel	RB Configuration	Peak Frequency	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	698.76	-35.22	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	698.82	-34.45	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	716.10	-31.83	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	716.14	-31.48	PASS
Band12	3MHz	QPSK	23025	15RB#0	698.99	-25.29	PASS
Band12	3MHz	16QAM	23025	15RB#0	698.99	-26.17	PASS
Band12	3MHz	QPSK	23165	15RB#0	716.00	-25.28	PASS
Band12	3MHz	16QAM	23165	15RB#0	716.00	-26.53	PASS
Band12	5MHz	QPSK	23035	25RB#0	698.71	-37.97	PASS
Band12	5MHz	16QAM	23035	25RB#0	698.99	-33.55	PASS
Band12	5MHz	QPSK	23155	25RB#0	716.00	-33.79	PASS
Band12	5MHz	16QAM	23155	25RB#0	716.00	-35.56	PASS
Band12	10MHz	QPSK	23060	50RB#0	698.89	-39.43	PASS
Band12	10MHz	16QAM	23060	50RB#0	698.89	-39.92	PASS
Band12	10MHz	QPSK	23130	50RB#0	716.15	-40.38	PASS
Band12	10MHz	16QAM	23130	50RB#0	716.29	-41.92	PASS

Test Graphs



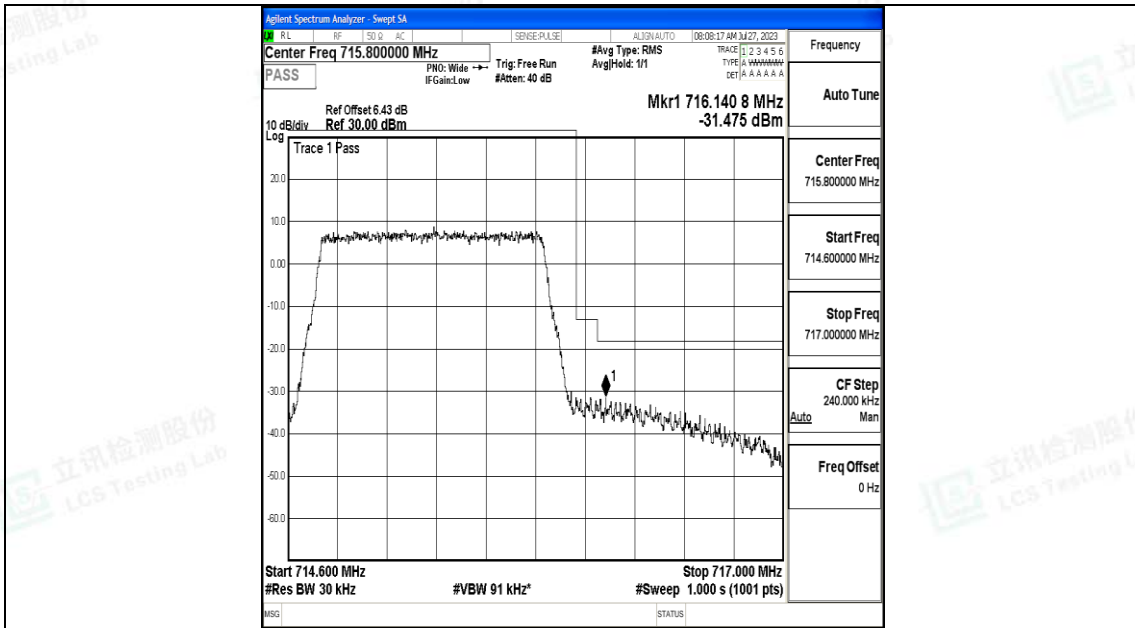


Band12_1.4MHz_16QAM_23017_6RB#0

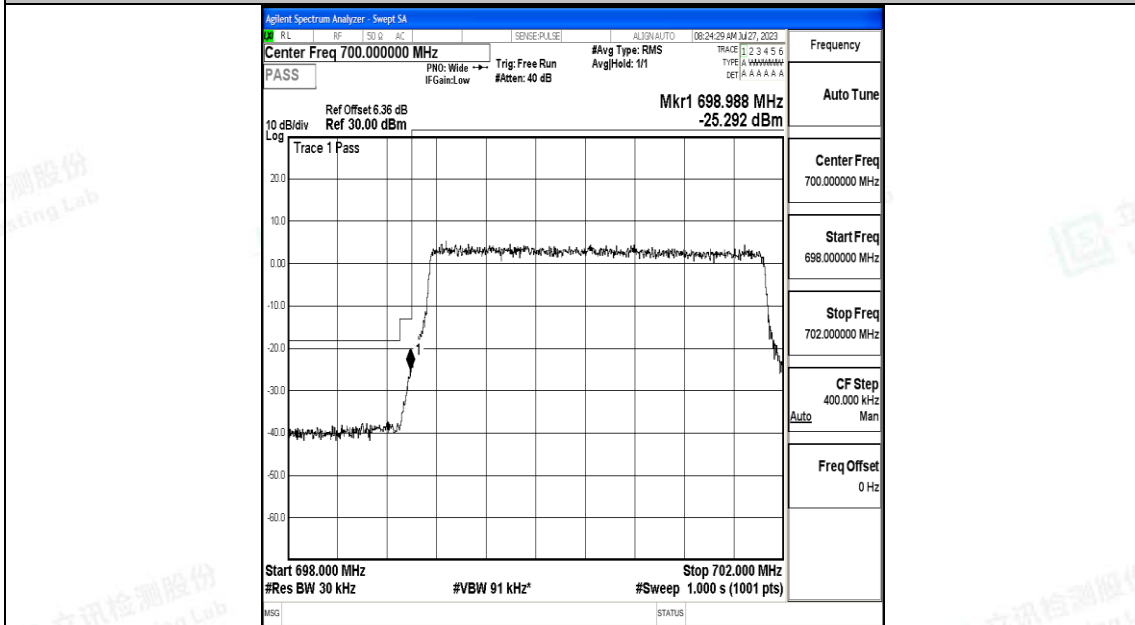


Band12_1.4MHz_QPSK_23173_6RB#0



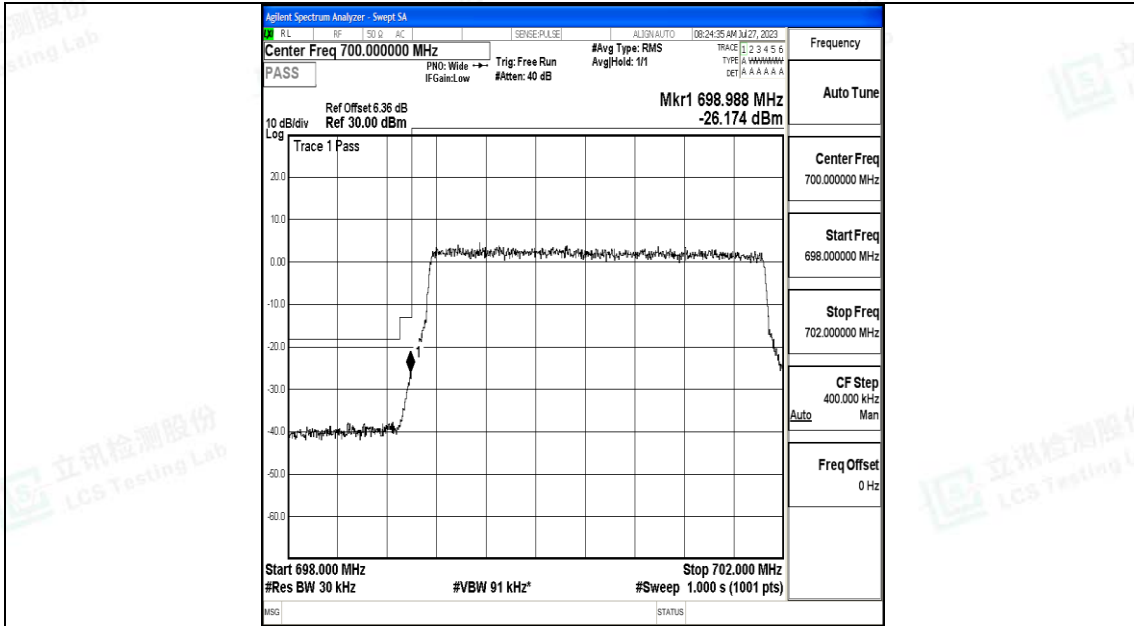


Band12_1.4MHz_16QAM_23173_6RB#0

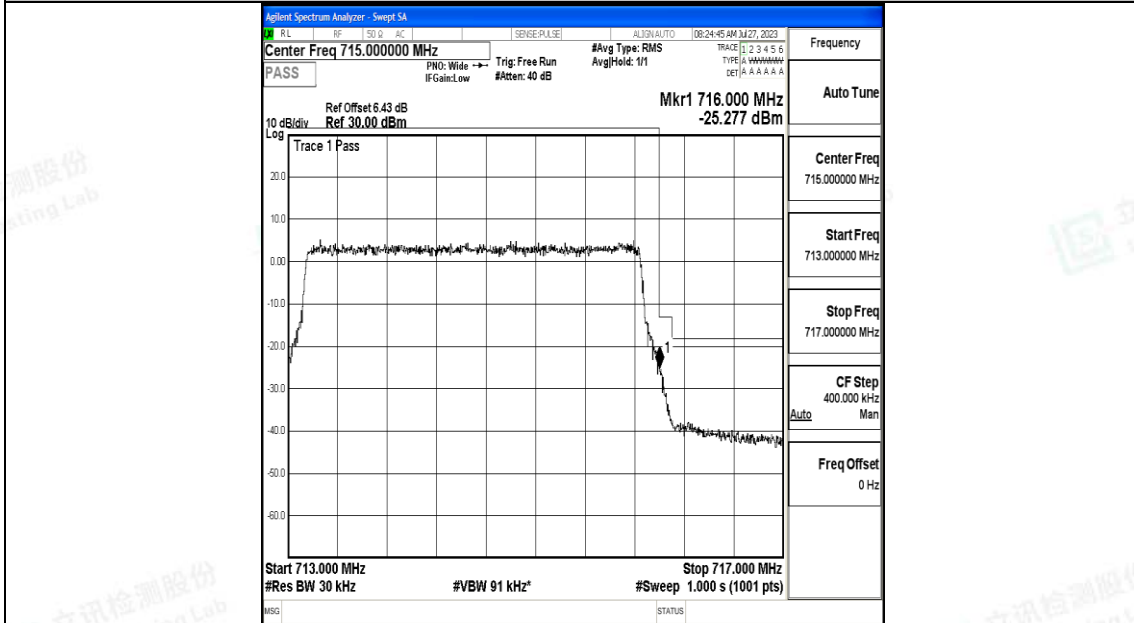


Band12_3MHz_QPSK_23025_15RB#0



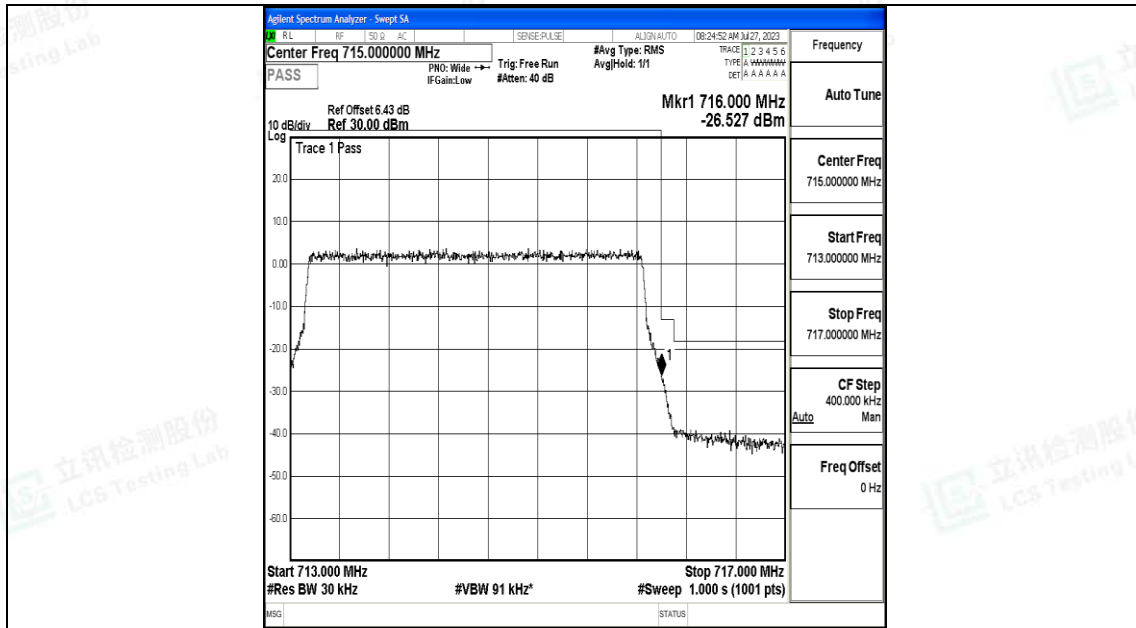


Band12_3MHz_16QAM_23025_15RB#0

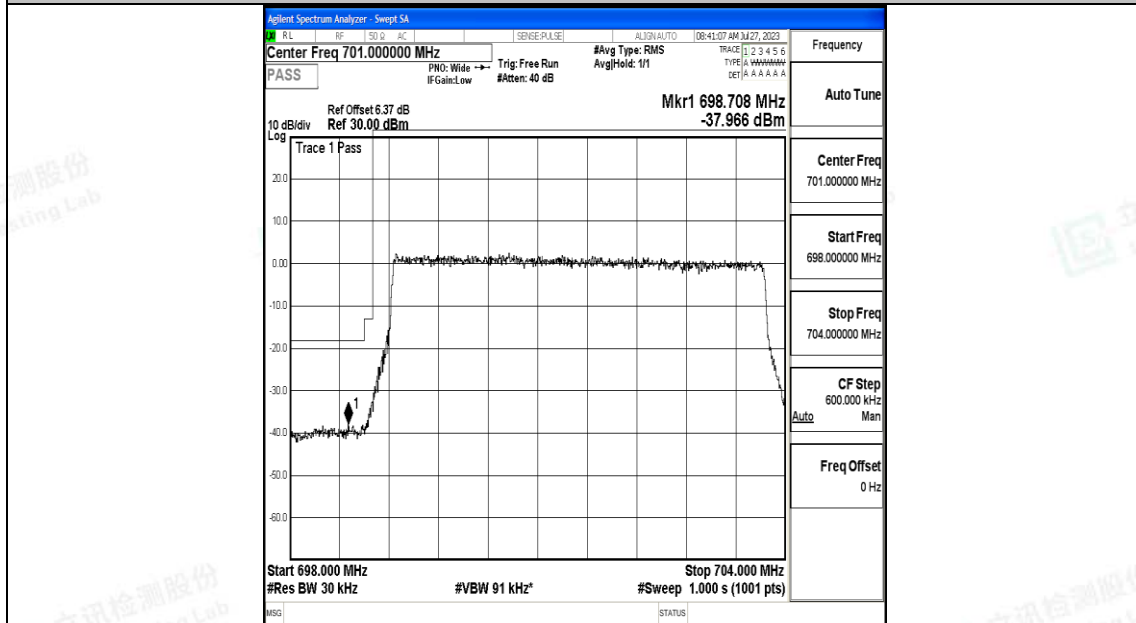


Band12_3MHz_QPSK_23165_15RB#0



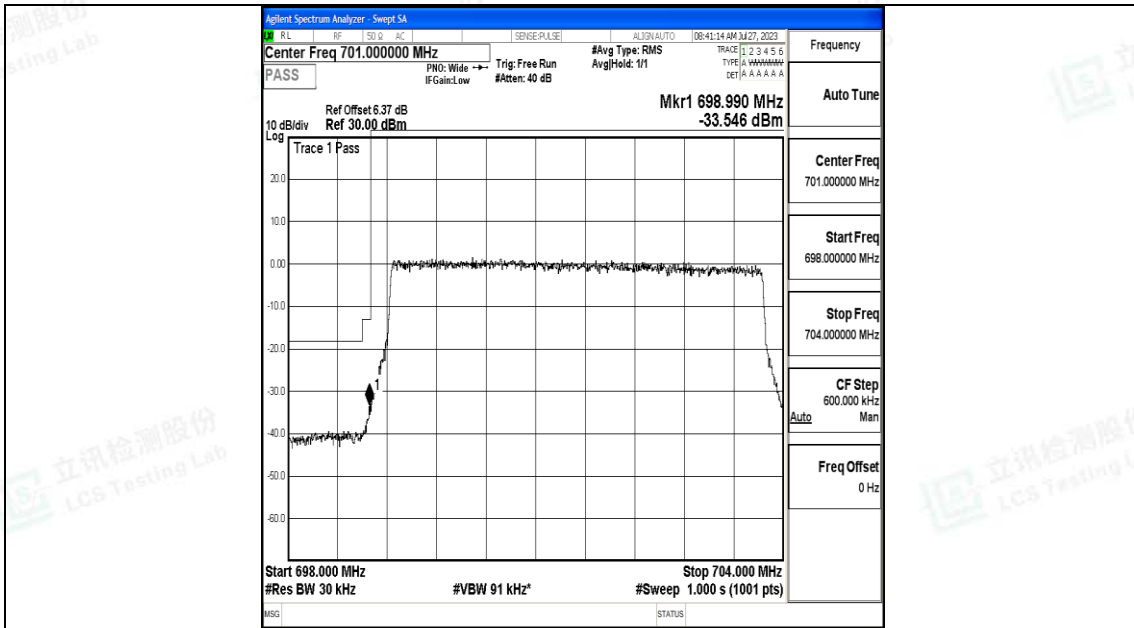


Band12_3MHz_16QAM_23165_15RB#0

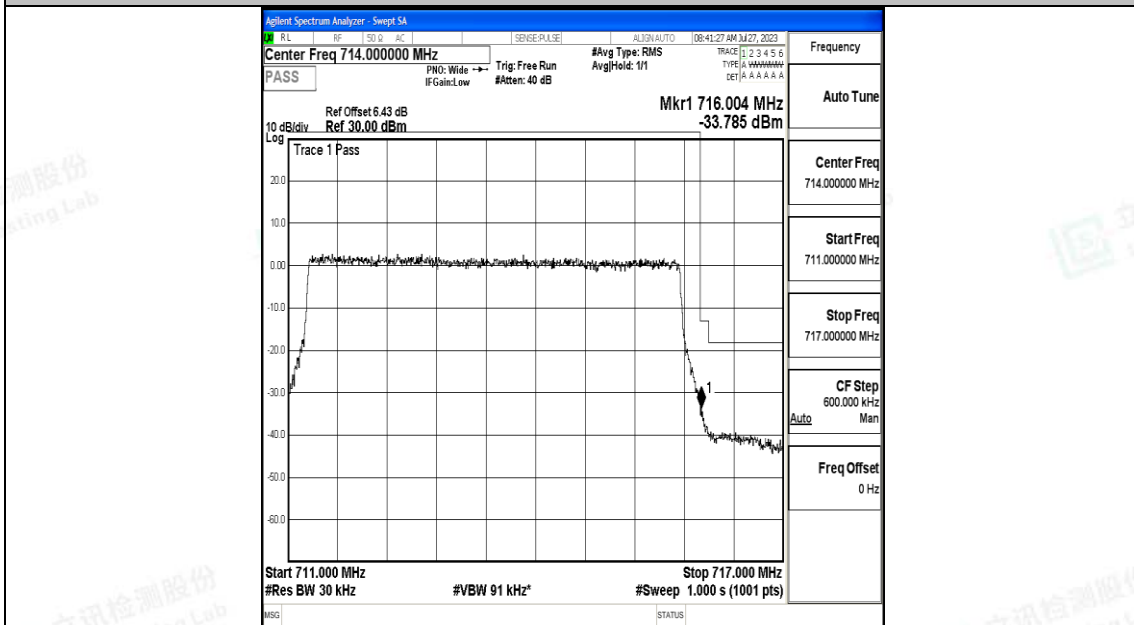


Band12_5MHz_QPSK_23035_25RB#0



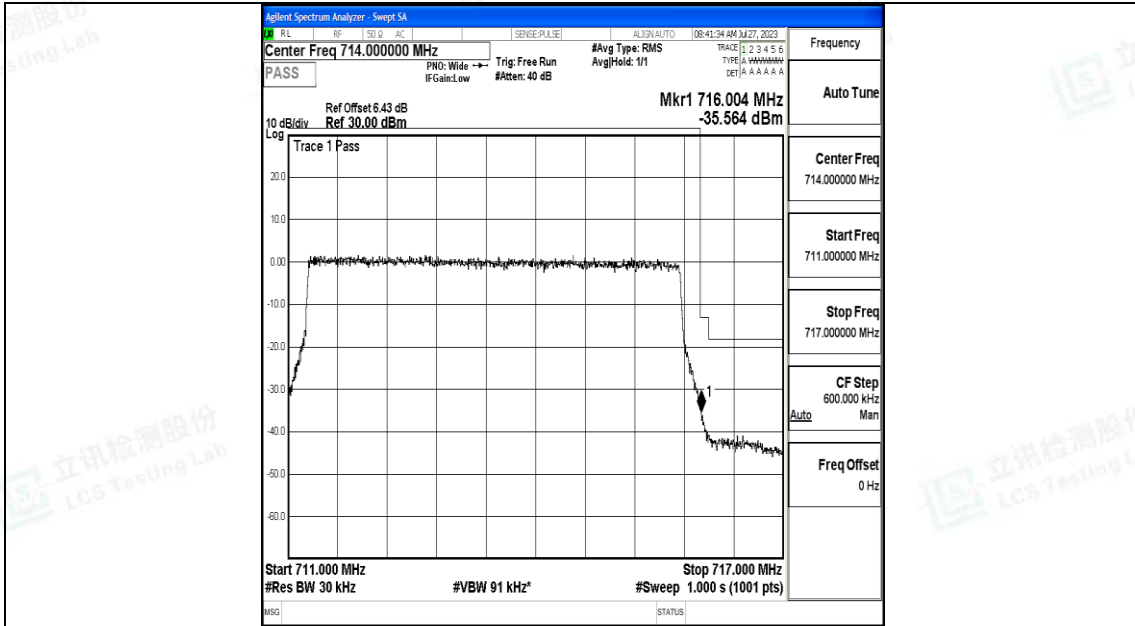


Band12_5MHz_16QAM_23035_25RB#0

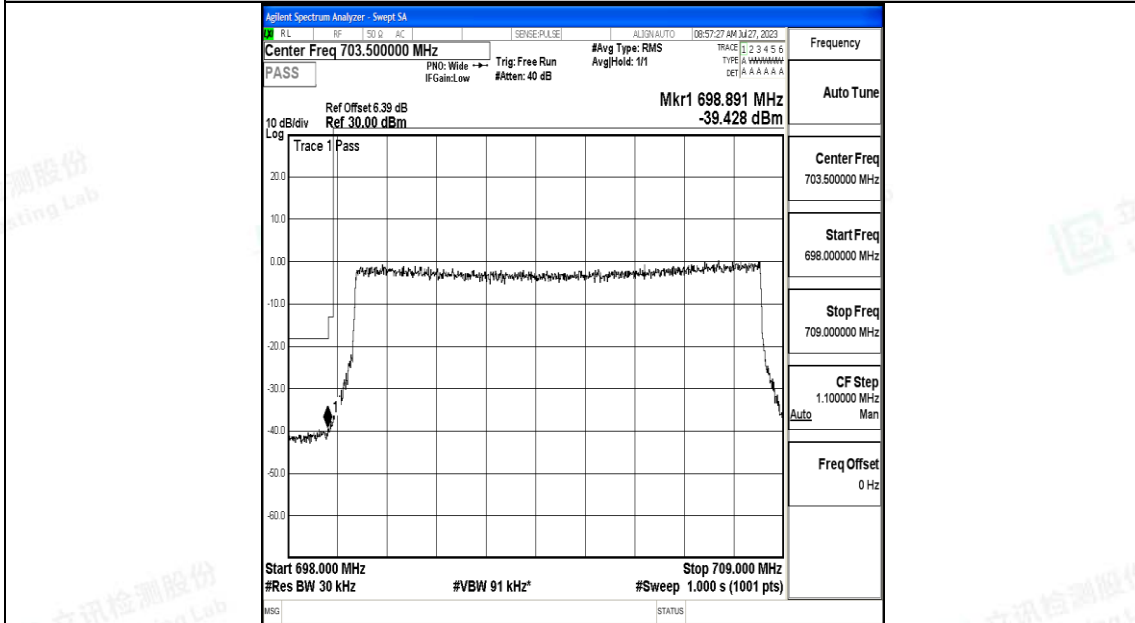


Band12_5MHz_QPSK_23155_25RB#0



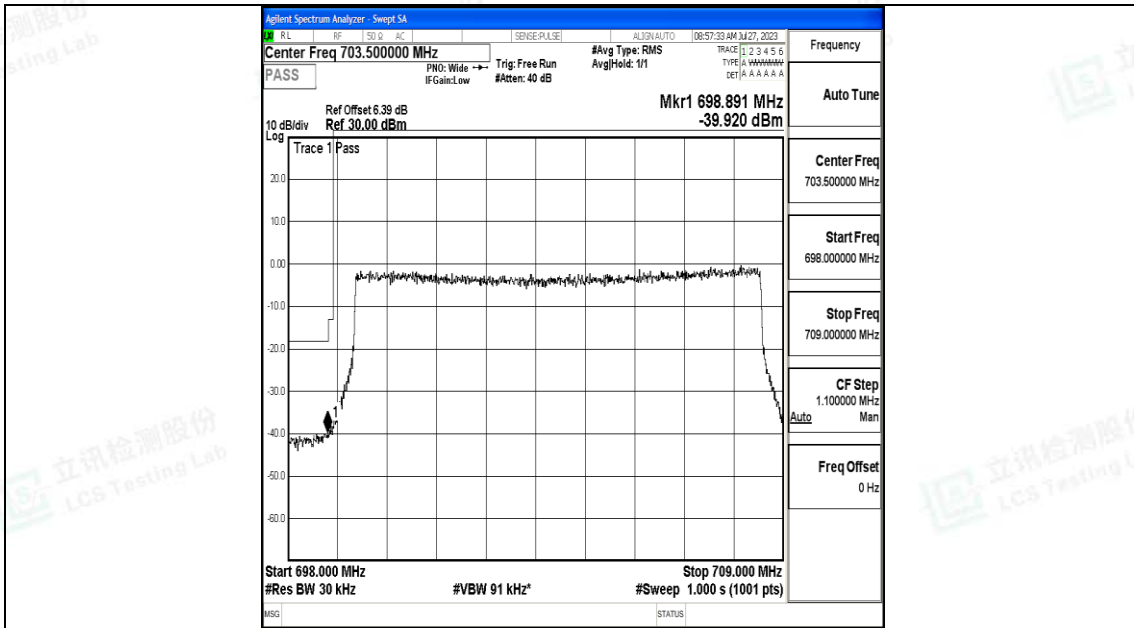


Band12_5MHz_16QAM_23155_25RB#0

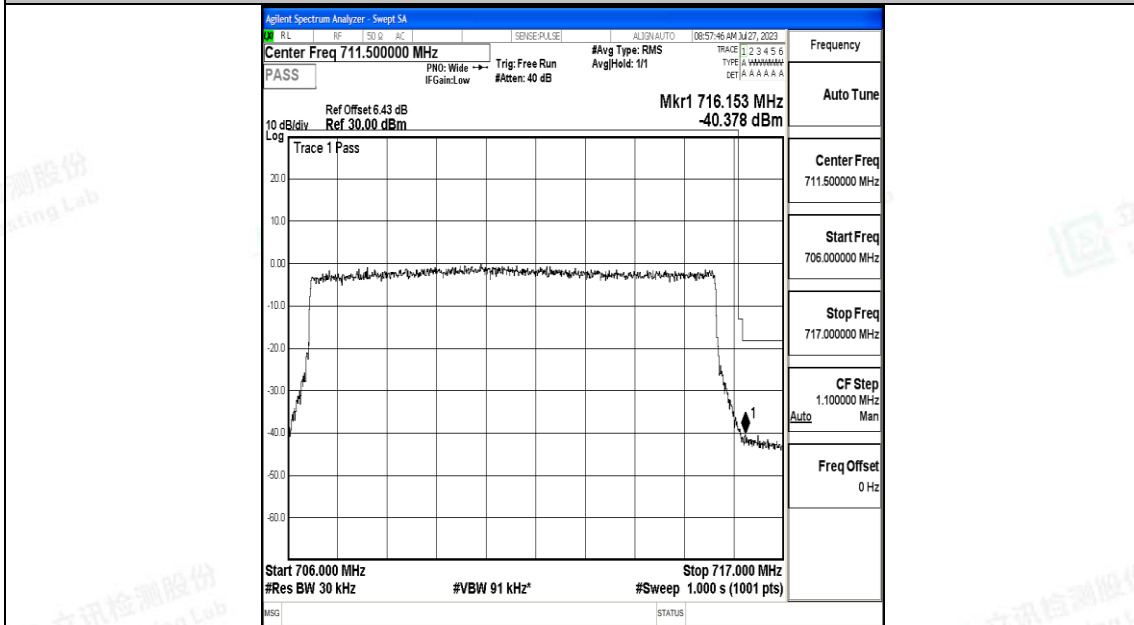


Band12_10MHz_QPSK_23060_50RB#0



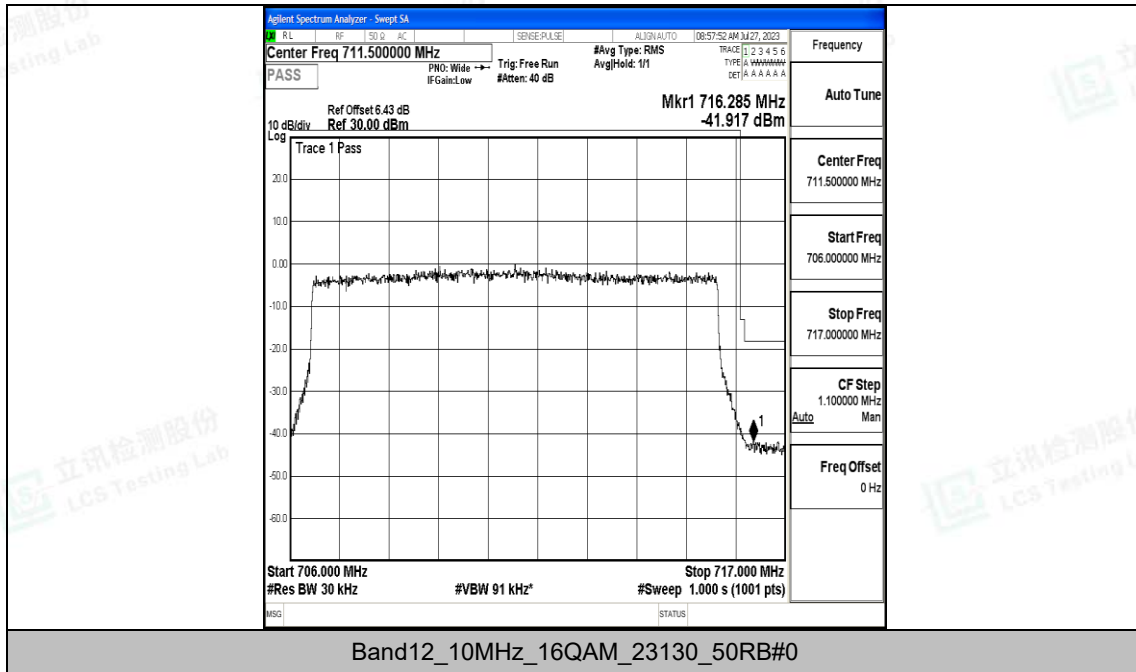


Band12_10MHz_16QAM_23060_50RB#0



Band12_10MHz_QPSK_23130_50RB#0







G.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	-56.93	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	0.15~30	-54.14	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	30~1000	-60.42	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	1000~3000	-44.12	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	3000~10000	-44.11	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	0.009~0.15	-56.41	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	0.15~30	-52.68	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	30~1000	-53.37	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	1000~3000	-42.90	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	3000~10000	-44.33	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	0.009~0.15	-56.35	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	0.15~30	-54.54	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	30~1000	-59.74	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	1000~3000	-40.99	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	3000~10000	-44.32	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	0.009~0.15	-57.04	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	0.15~30	-54.24	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	30~1000	-60.58	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	1000~3000	-40.46	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	3000~10000	-44.18	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	0.009~0.15	-53.90	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	0.15~30	-52.51	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	30~1000	-59.08	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	1000~3000	-40.60	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	3000~10000	-43.84	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	0.009~0.15	-54.44	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	0.15~30	-51.16	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	30~1000	-59.59	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	1000~3000	-38.93	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	3000~10000	-44.08	PASS
Band12	3MHz	QPSK	23025	1RB#0	0.009~0.15	-55.98	PASS
Band12	3MHz	QPSK	23025	1RB#0	0.15~30	-51.57	PASS
Band12	3MHz	QPSK	23025	1RB#0	30~1000	-58.54	PASS
Band12	3MHz	QPSK	23025	1RB#0	1000~3000	-43.38	PASS
Band12	3MHz	QPSK	23025	1RB#0	3000~10000	-44.17	PASS



Shenzhen LCS Compliance Testing Laboratory Ltd.

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

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

Scan code to check authenticity



Band12	3MHz	16QAM	23025	1RB#0	0.009~0.15	-58.20	PASS
Band12	3MHz	16QAM	23025	1RB#0	0.15~30	-54.72	PASS
Band12	3MHz	16QAM	23025	1RB#0	30~1000	-59.40	PASS
Band12	3MHz	16QAM	23025	1RB#0	1000~3000	-43.20	PASS
Band12	3MHz	16QAM	23025	1RB#0	3000~10000	-44.53	PASS
Band12	3MHz	QPSK	23095	1RB#0	0.009~0.15	-56.89	PASS
Band12	3MHz	QPSK	23095	1RB#0	0.15~30	-51.92	PASS
Band12	3MHz	QPSK	23095	1RB#0	30~1000	-57.77	PASS
Band12	3MHz	QPSK	23095	1RB#0	1000~3000	-43.07	PASS
Band12	3MHz	QPSK	23095	1RB#0	3000~10000	-44.10	PASS
Band12	3MHz	16QAM	23095	1RB#0	0.009~0.15	-56.26	PASS
Band12	3MHz	16QAM	23095	1RB#0	0.15~30	-53.18	PASS
Band12	3MHz	16QAM	23095	1RB#0	30~1000	-59.32	PASS
Band12	3MHz	16QAM	23095	1RB#0	1000~3000	-45.63	PASS
Band12	3MHz	16QAM	23095	1RB#0	3000~10000	-44.21	PASS
Band12	3MHz	QPSK	23165	1RB#0	0.009~0.15	-54.19	PASS
Band12	3MHz	QPSK	23165	1RB#0	0.15~30	-53.12	PASS
Band12	3MHz	QPSK	23165	1RB#0	30~1000	-60.12	PASS
Band12	3MHz	QPSK	23165	1RB#0	1000~3000	-41.45	PASS
Band12	3MHz	QPSK	23165	1RB#0	3000~10000	-44.09	PASS
Band12	3MHz	16QAM	23165	1RB#0	0.009~0.15	-55.51	PASS
Band12	3MHz	16QAM	23165	1RB#0	0.15~30	-53.28	PASS
Band12	3MHz	16QAM	23165	1RB#0	30~1000	-60.86	PASS
Band12	3MHz	16QAM	23165	1RB#0	1000~3000	-43.20	PASS
Band12	3MHz	16QAM	23165	1RB#0	3000~10000	-44.30	PASS
Band12	5MHz	QPSK	23035	1RB#0	0.009~0.15	-57.66	PASS
Band12	5MHz	QPSK	23035	1RB#0	0.15~30	-51.64	PASS
Band12	5MHz	QPSK	23035	1RB#0	30~1000	-59.11	PASS
Band12	5MHz	QPSK	23035	1RB#0	1000~3000	-43.91	PASS
Band12	5MHz	QPSK	23035	1RB#0	3000~10000	-44.17	PASS
Band12	5MHz	16QAM	23035	1RB#0	0.009~0.15	-59.85	PASS
Band12	5MHz	16QAM	23035	1RB#0	0.15~30	-51.60	PASS
Band12	5MHz	16QAM	23035	1RB#0	30~1000	-61.35	PASS
Band12	5MHz	16QAM	23035	1RB#0	1000~3000	-45.69	PASS
Band12	5MHz	16QAM	23035	1RB#0	3000~10000	-44.54	PASS
Band12	5MHz	QPSK	23095	1RB#0	0.009~0.15	-55.72	PASS
Band12	5MHz	QPSK	23095	1RB#0	0.15~30	-52.33	PASS
Band12	5MHz	QPSK	23095	1RB#0	30~1000	-62.36	PASS
Band12	5MHz	QPSK	23095	1RB#0	1000~3000	-42.00	PASS
Band12	5MHz	QPSK	23095	1RB#0	3000~10000	-44.33	PASS





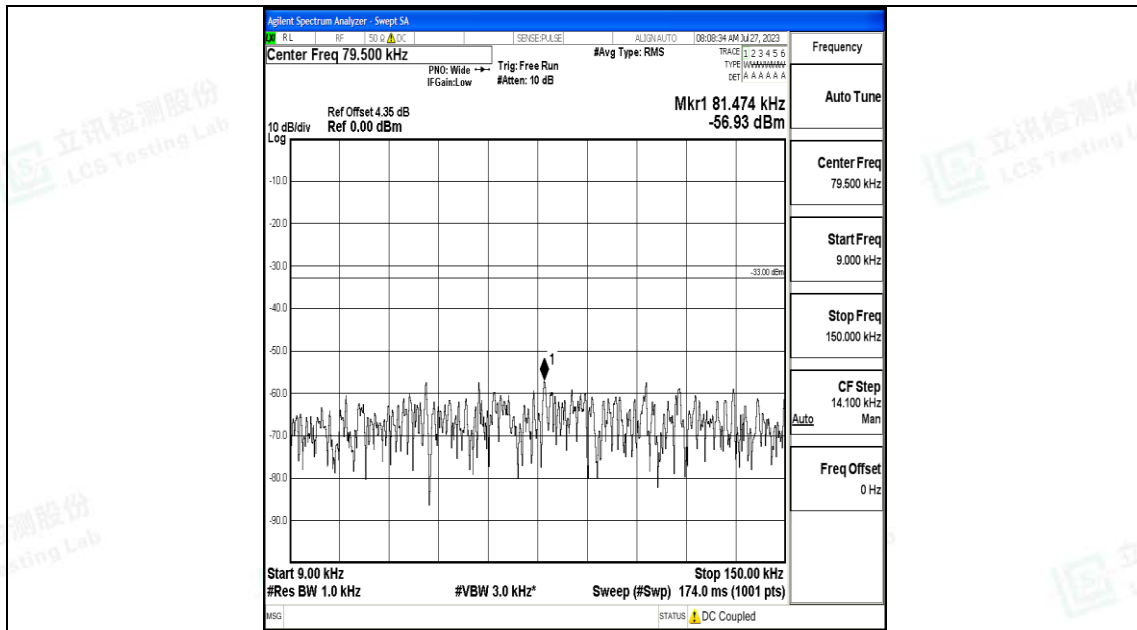
Band12	5MHz	16QAM	23095	1RB#0	0.009~0.15	-59.49	PASS
Band12	5MHz	16QAM	23095	1RB#0	0.15~30	-53.47	PASS
Band12	5MHz	16QAM	23095	1RB#0	30~1000	-62.63	PASS
Band12	5MHz	16QAM	23095	1RB#0	1000~3000	-44.10	PASS
Band12	5MHz	16QAM	23095	1RB#0	3000~10000	-43.96	PASS
Band12	5MHz	QPSK	23155	1RB#0	0.009~0.15	-55.29	PASS
Band12	5MHz	QPSK	23155	1RB#0	0.15~30	-53.16	PASS
Band12	5MHz	QPSK	23155	1RB#0	30~1000	-62.55	PASS
Band12	5MHz	QPSK	23155	1RB#0	1000~3000	-40.90	PASS
Band12	5MHz	QPSK	23155	1RB#0	3000~10000	-44.28	PASS
Band12	5MHz	16QAM	23155	1RB#0	0.009~0.15	-57.69	PASS
Band12	5MHz	16QAM	23155	1RB#0	0.15~30	-54.13	PASS
Band12	5MHz	16QAM	23155	1RB#0	30~1000	-62.76	PASS
Band12	5MHz	16QAM	23155	1RB#0	1000~3000	-42.32	PASS
Band12	5MHz	16QAM	23155	1RB#0	3000~10000	-44.27	PASS
Band12	10MHz	QPSK	23060	1RB#0	0.009~0.15	-55.33	PASS
Band12	10MHz	QPSK	23060	1RB#0	0.15~30	-54.21	PASS
Band12	10MHz	QPSK	23060	1RB#0	30~1000	-62.64	PASS
Band12	10MHz	QPSK	23060	1RB#0	1000~3000	-44.11	PASS
Band12	10MHz	QPSK	23060	1RB#0	3000~10000	-44.24	PASS
Band12	10MHz	16QAM	23060	1RB#0	0.009~0.15	-57.30	PASS
Band12	10MHz	16QAM	23060	1RB#0	0.15~30	-52.32	PASS
Band12	10MHz	16QAM	23060	1RB#0	30~1000	-62.63	PASS
Band12	10MHz	16QAM	23060	1RB#0	1000~3000	-45.98	PASS
Band12	10MHz	16QAM	23060	1RB#0	3000~10000	-44.13	PASS
Band12	10MHz	QPSK	23095	1RB#0	0.009~0.15	-54.02	PASS
Band12	10MHz	QPSK	23095	1RB#0	0.15~30	-52.12	PASS
Band12	10MHz	QPSK	23095	1RB#0	30~1000	-62.70	PASS
Band12	10MHz	QPSK	23095	1RB#0	1000~3000	-44.84	PASS
Band12	10MHz	QPSK	23095	1RB#0	3000~10000	-43.88	PASS
Band12	10MHz	16QAM	23095	1RB#0	0.009~0.15	-59.02	PASS
Band12	10MHz	16QAM	23095	1RB#0	0.15~30	-51.81	PASS
Band12	10MHz	16QAM	23095	1RB#0	30~1000	-62.80	PASS
Band12	10MHz	16QAM	23095	1RB#0	1000~3000	-45.49	PASS
Band12	10MHz	16QAM	23095	1RB#0	3000~10000	-44.21	PASS
Band12	10MHz	QPSK	23130	1RB#0	0.009~0.15	-56.07	PASS
Band12	10MHz	QPSK	23130	1RB#0	0.15~30	-53.18	PASS
Band12	10MHz	QPSK	23130	1RB#0	30~1000	-62.91	PASS
Band12	10MHz	QPSK	23130	1RB#0	1000~3000	-42.02	PASS
Band12	10MHz	QPSK	23130	1RB#0	3000~10000	-44.26	PASS



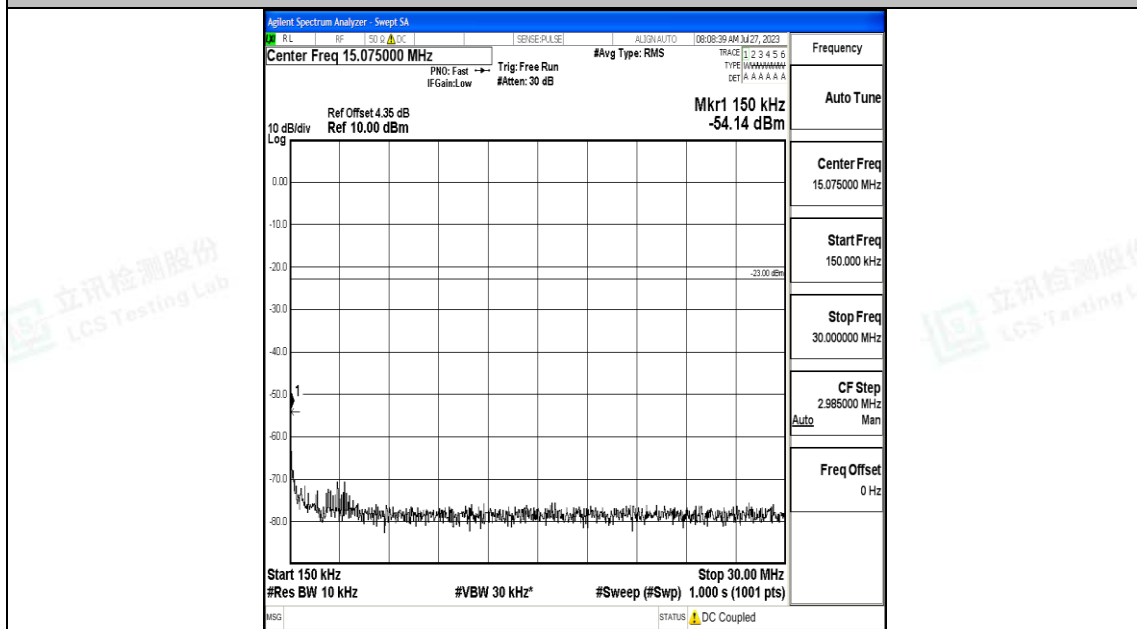


Band12	10MHz	16QAM	23130	1RB#0	0.009~0.15	-56.88	PASS
Band12	10MHz	16QAM	23130	1RB#0	0.15~30	-54.23	PASS
Band12	10MHz	16QAM	23130	1RB#0	30~1000	-62.73	PASS
Band12	10MHz	16QAM	23130	1RB#0	1000~3000	-44.97	PASS
Band12	10MHz	16QAM	23130	1RB#0	3000~10000	-44.50	PASS

Test Graphs

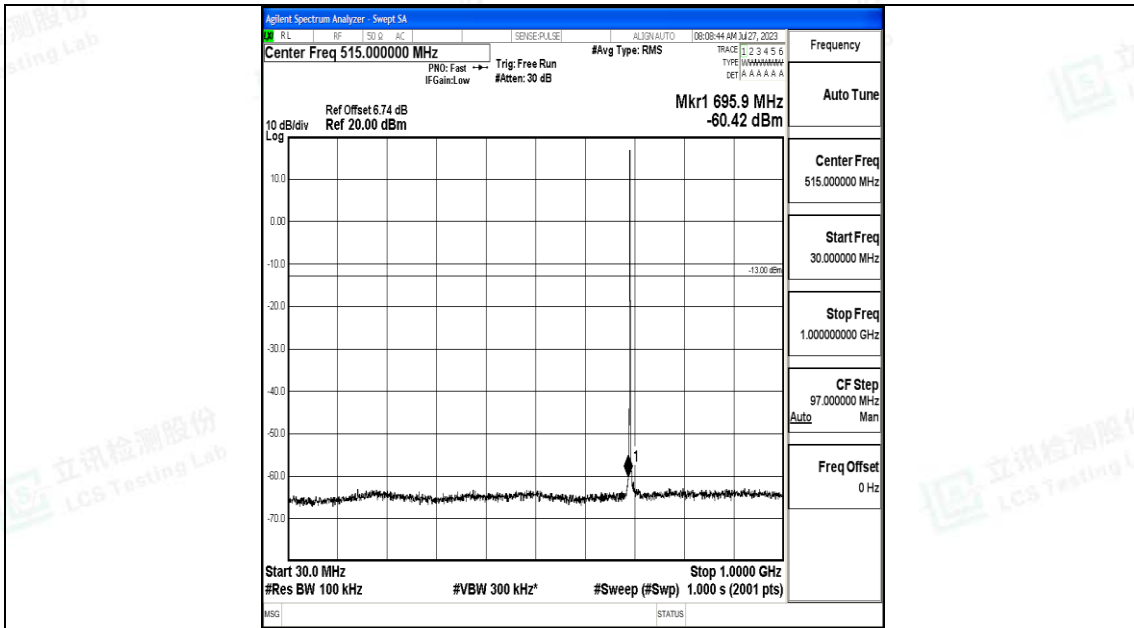


Band12_1.4MHz_QPSK_23017_1RB#0_0.009~0.15_0.009~0.15

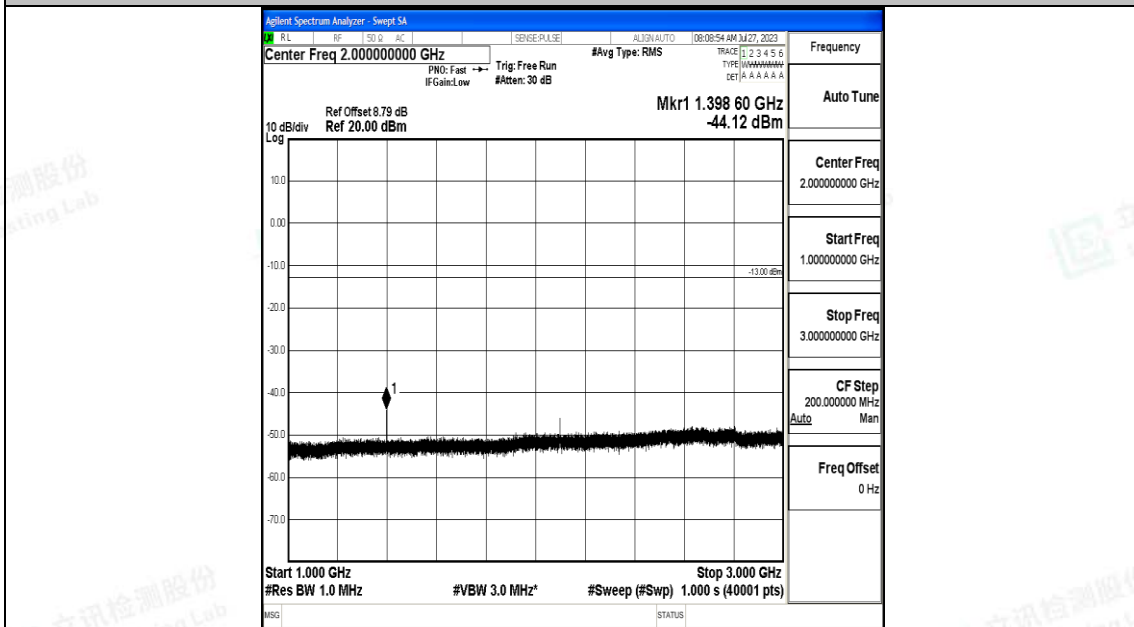


Band12_1.4MHz_QPSK_23017_1RB#0_0.15~30_0.15~30



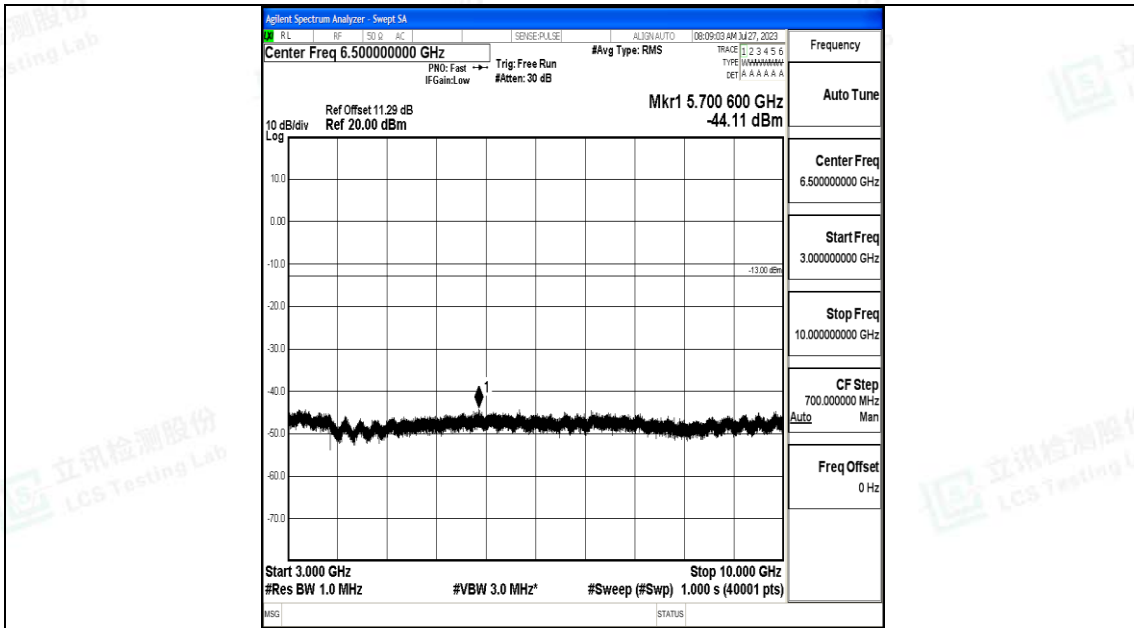


Band12_1.4MHz_QPSK_23017_1RB#0_30~1000_30~1000

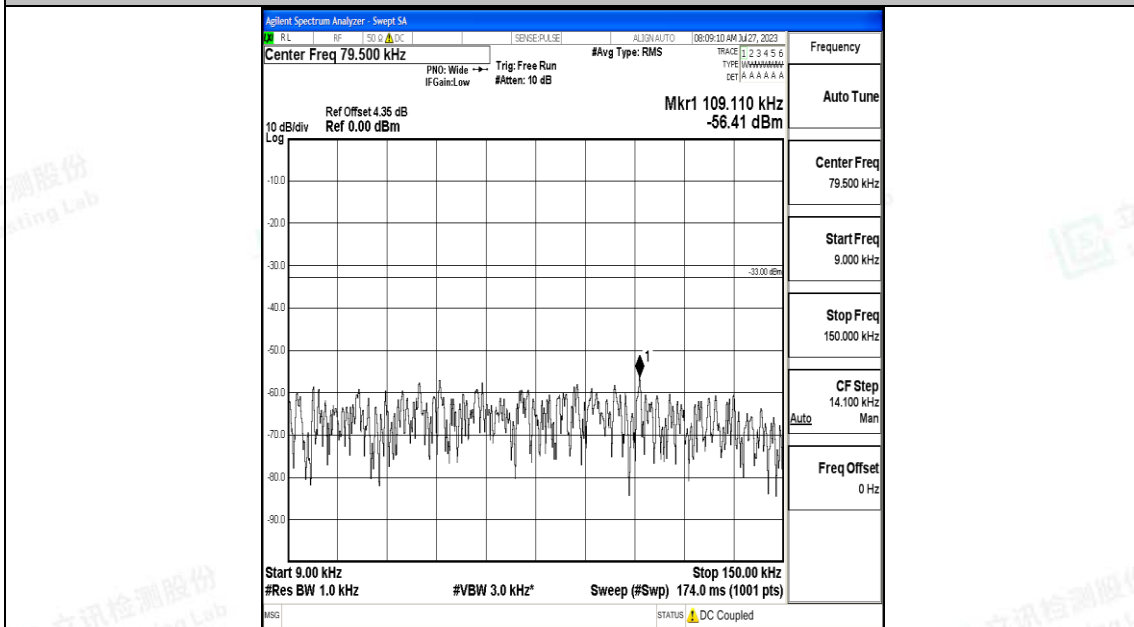


Band12_1.4MHz_QPSK_23017_1RB#0_1000~3000_1000~3000



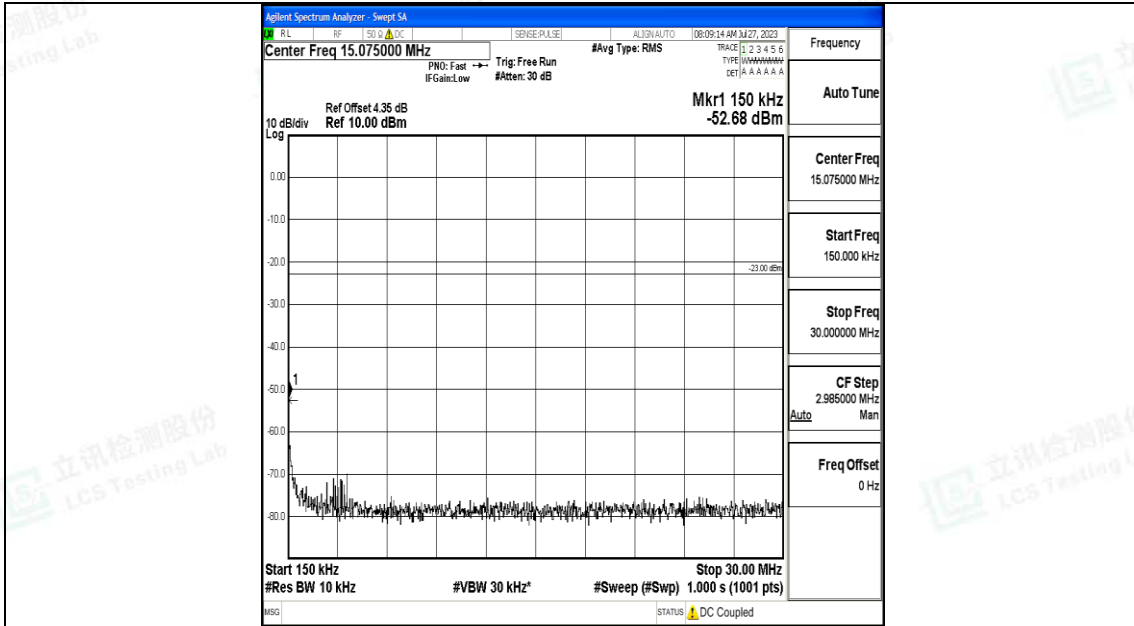


Band12_1.4MHz_QPSK_23017_1RB#0_3000~10000_3000~10000

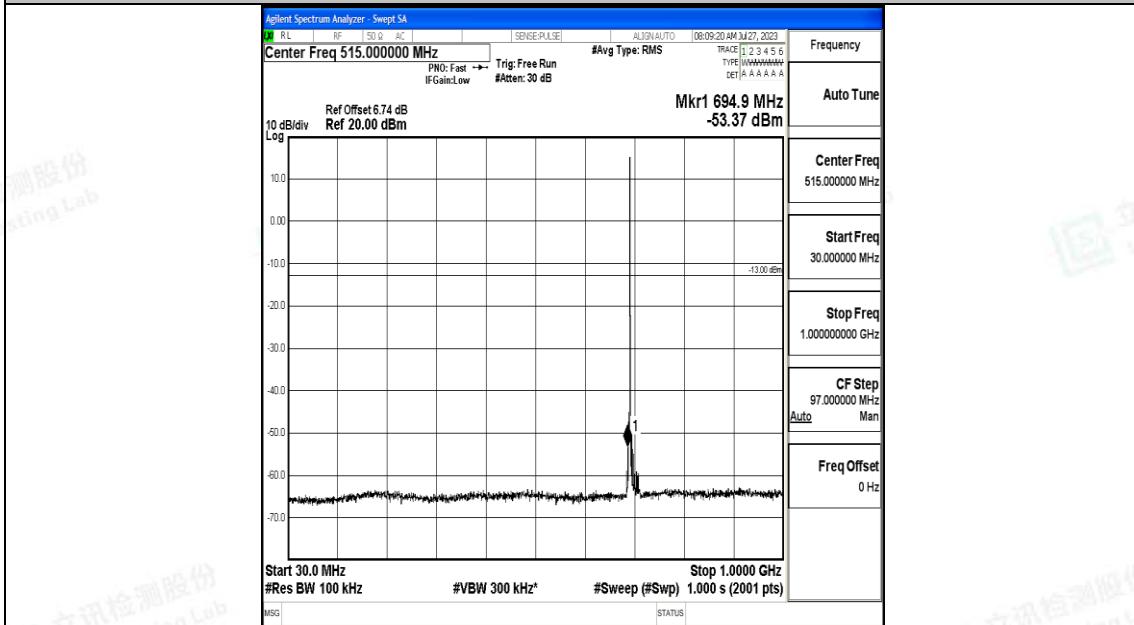


Band12_1.4MHz_16QAM_23017_1RB#0_0.009~0.15_0.009~0.15



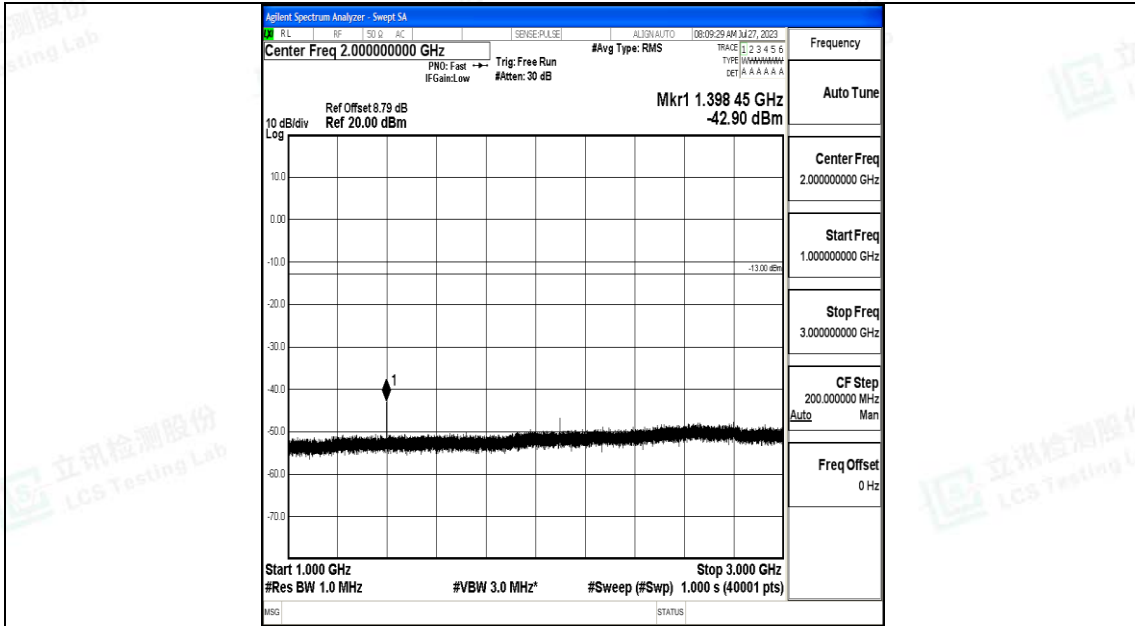


Band12_1.4MHz_16QAM_23017_1RB#0_0.15~30_0.15~30

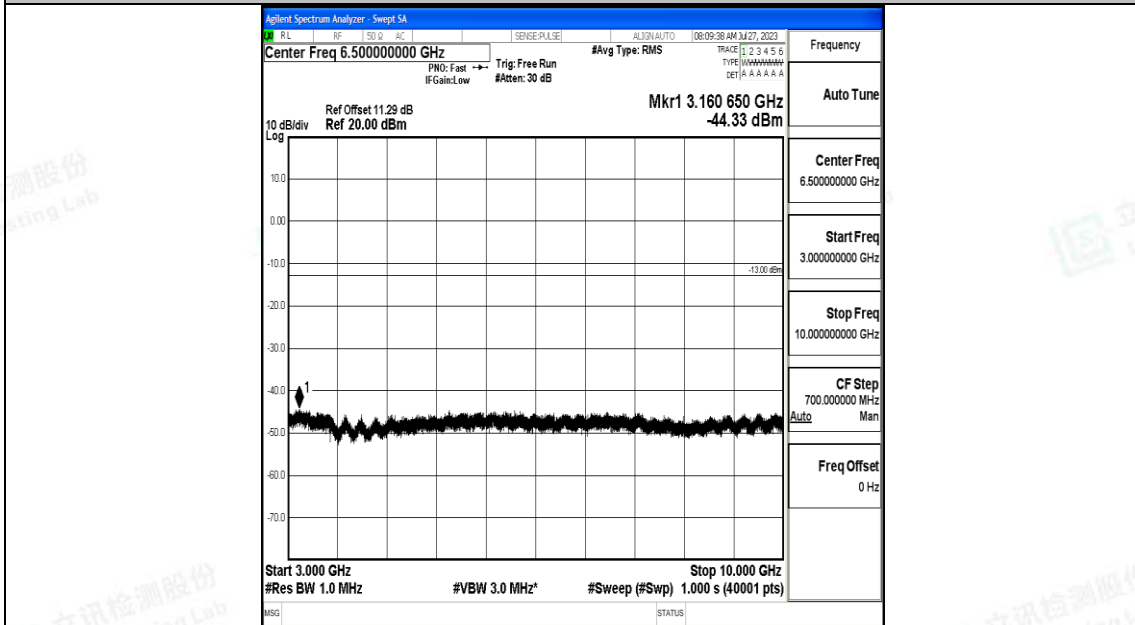


Band12_1.4MHz_16QAM_23017_1RB#0_30~1000_30~1000



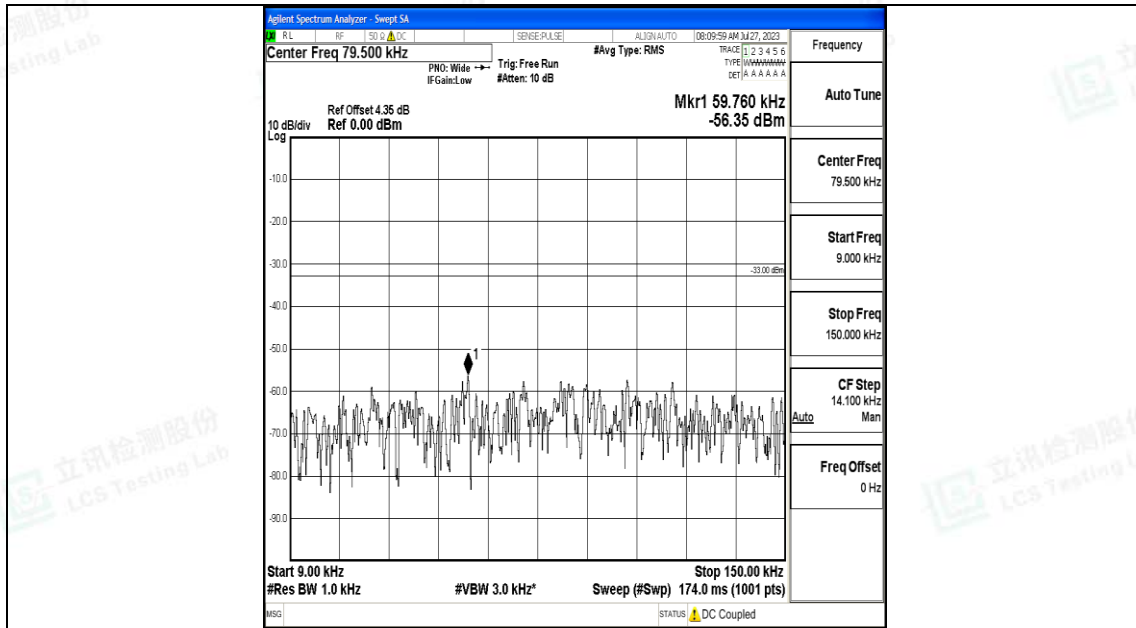


Band12_1.4MHz_16QAM_23017_1RB#0_1000~3000_1000~3000

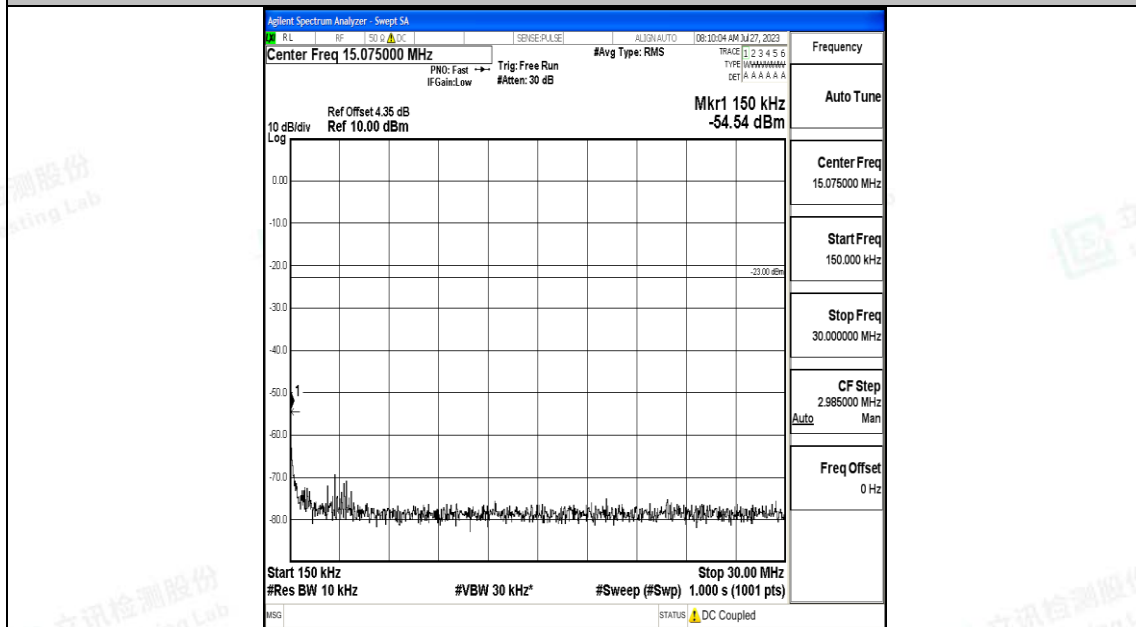


Band12_1.4MHz_16QAM_23017_1RB#0_3000~10000_3000~10000



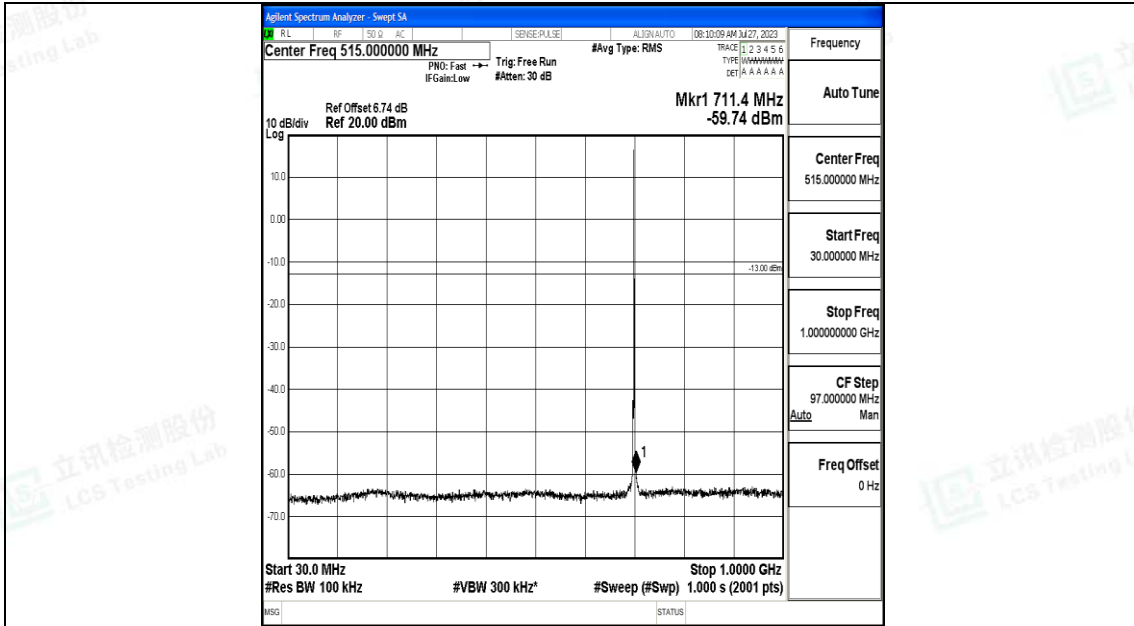


Band12_1.4MHz_QPSK_23095_1RB#0_0.009~0.15_0.009~0.15

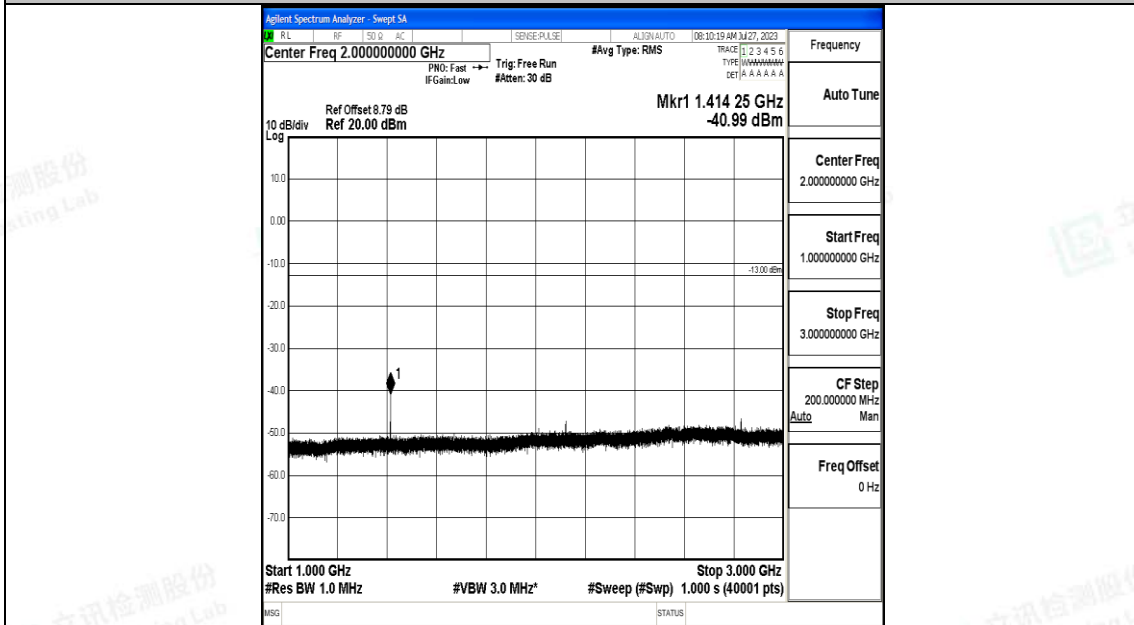


Band12_1.4MHz_QPSK_23095_1RB#0_0.15~30_0.15~30



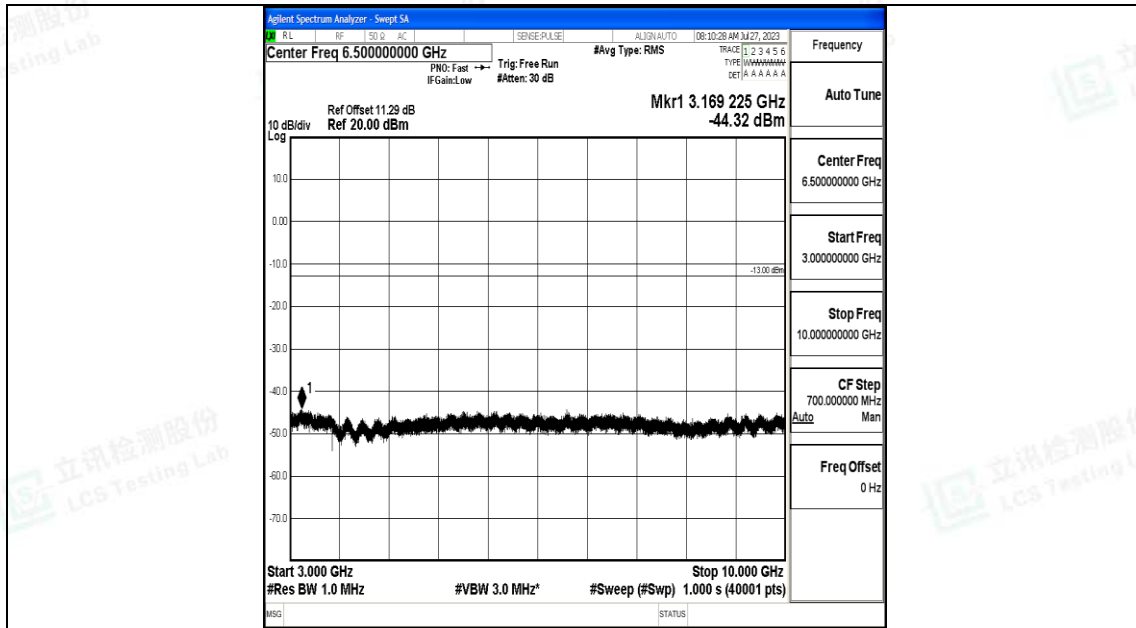


Band12_1.4MHz_QPSK_23095_1RB#0_30~1000_30~1000

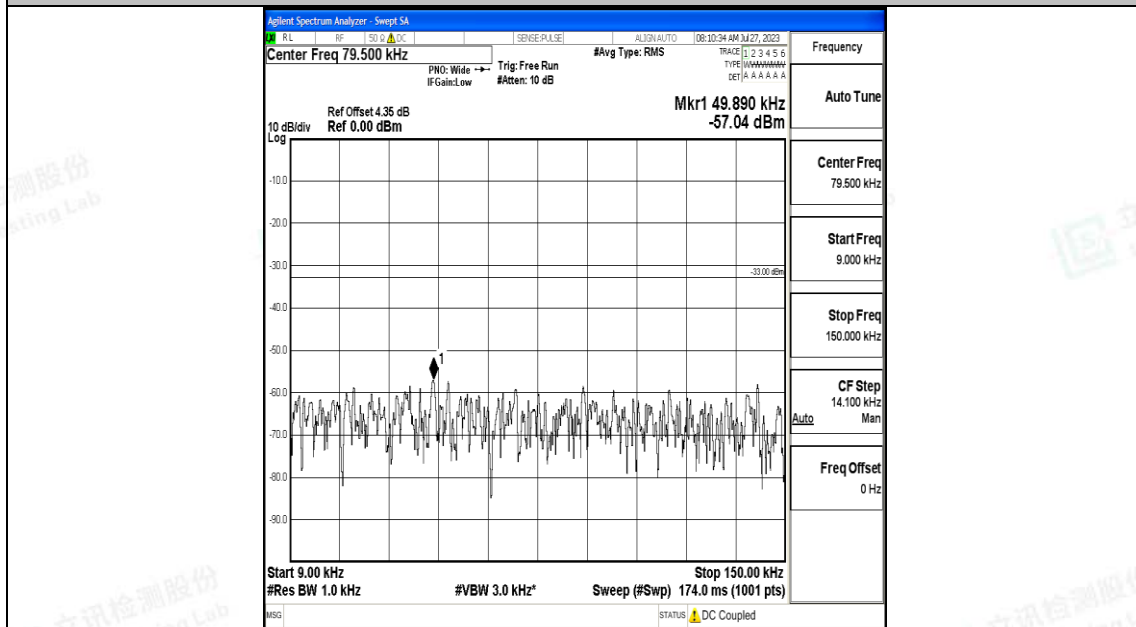


Band12_1.4MHz_QPSK_23095_1RB#0_1000~3000_1000~3000



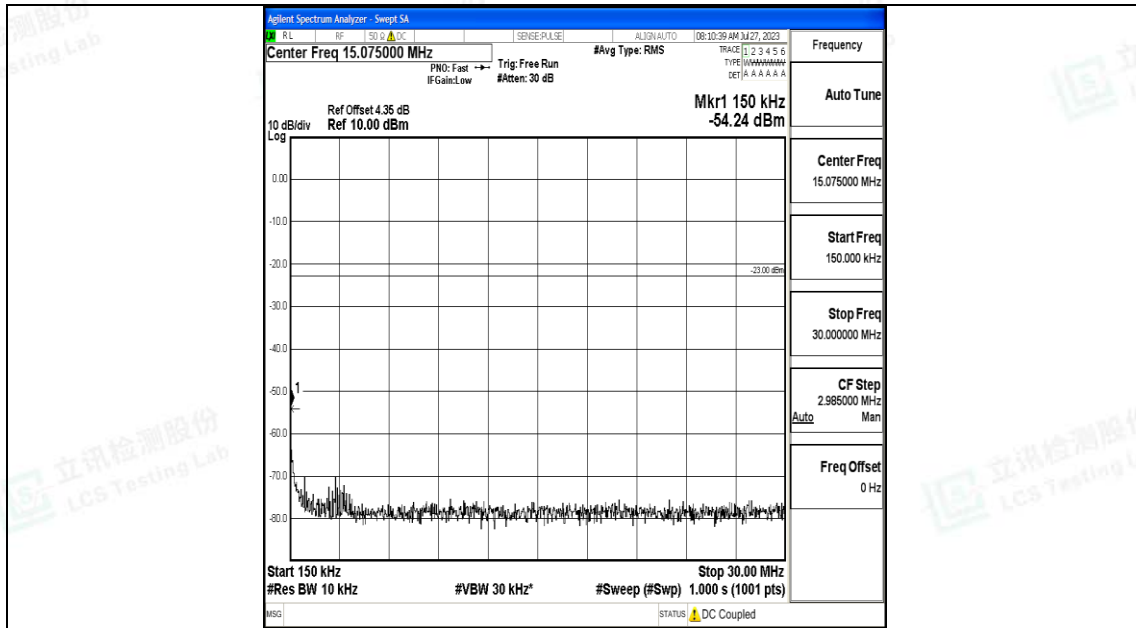


Band12_1.4MHz_QPSK_23095_1RB#0_3000~10000_3000~10000

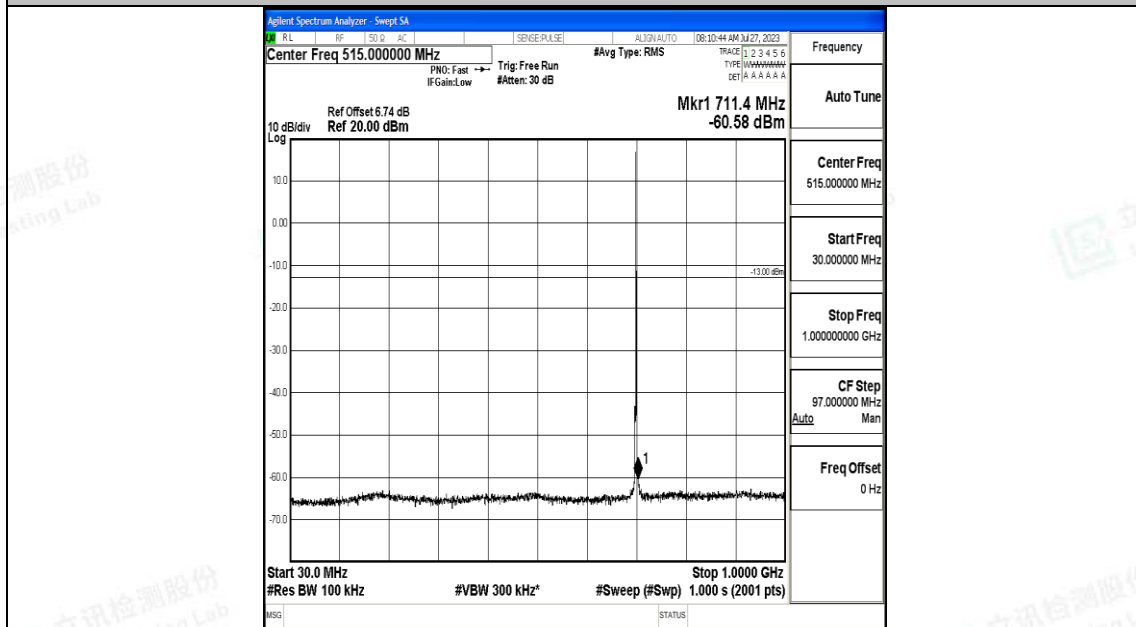


Band12_1.4MHz_16QAM_23095_1RB#0_0.009~0.15_0.009~0.15



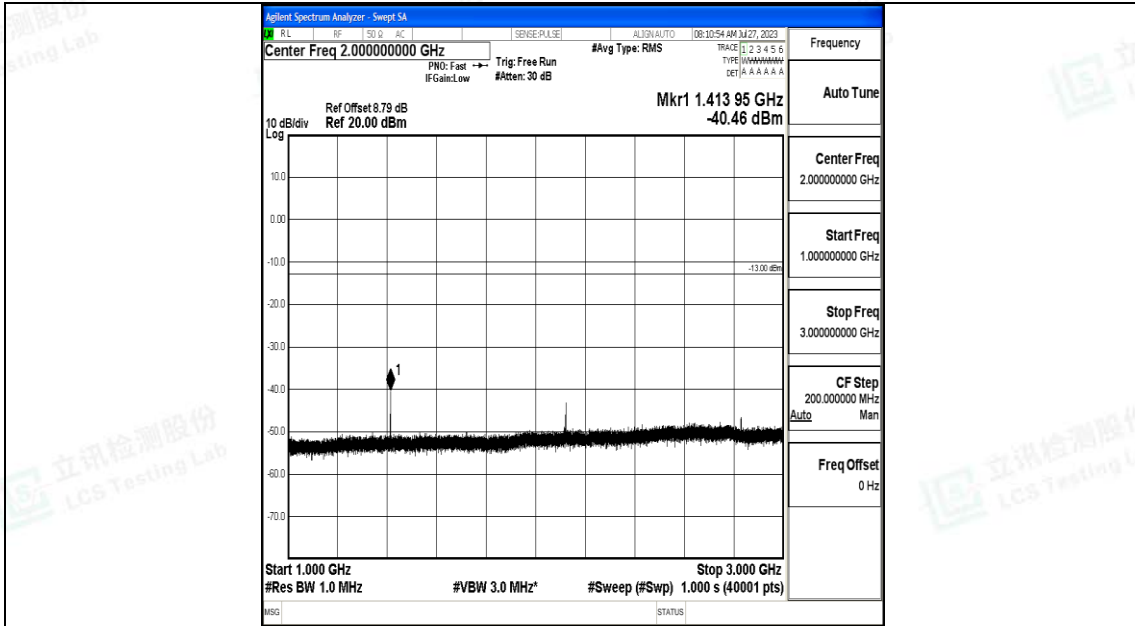


Band12_1.4MHz_16QAM_23095_1RB#0_0.15~30_0.15~30

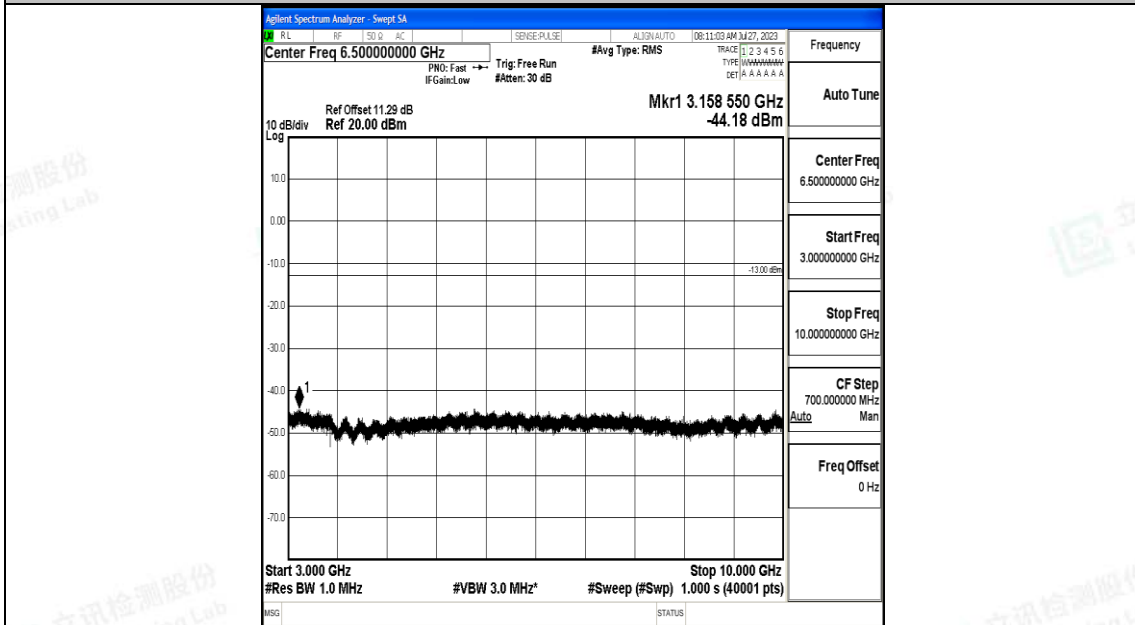


Band12_1.4MHz_16QAM_23095_1RB#0_30~1000_30~1000



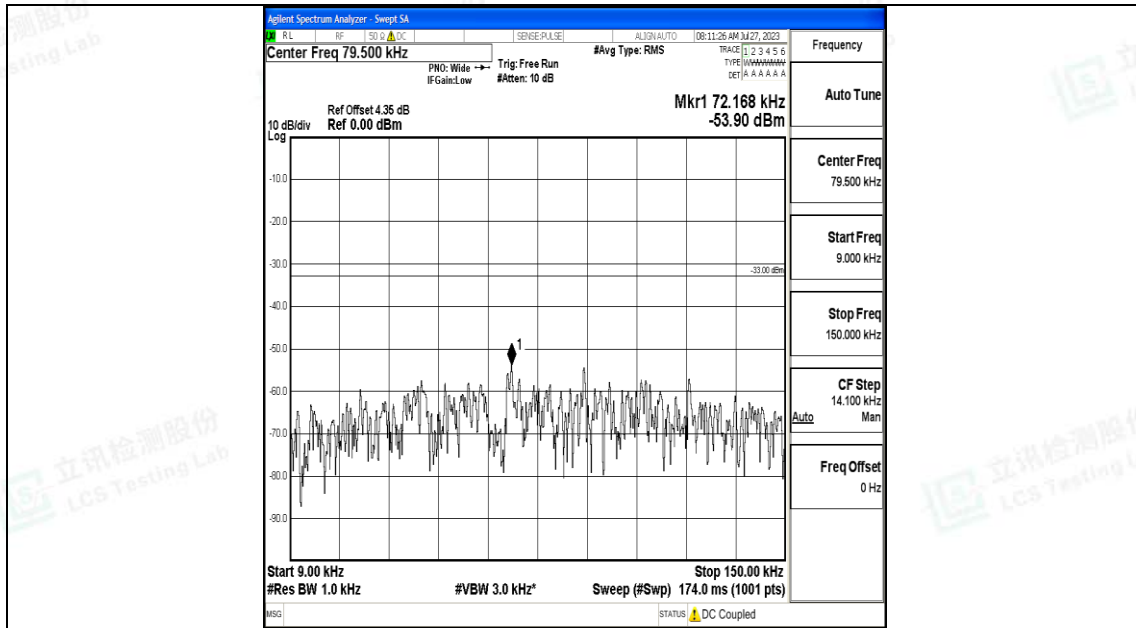


Band12_1.4MHz_16QAM_23095_1RB#0_1000~3000_1000~3000

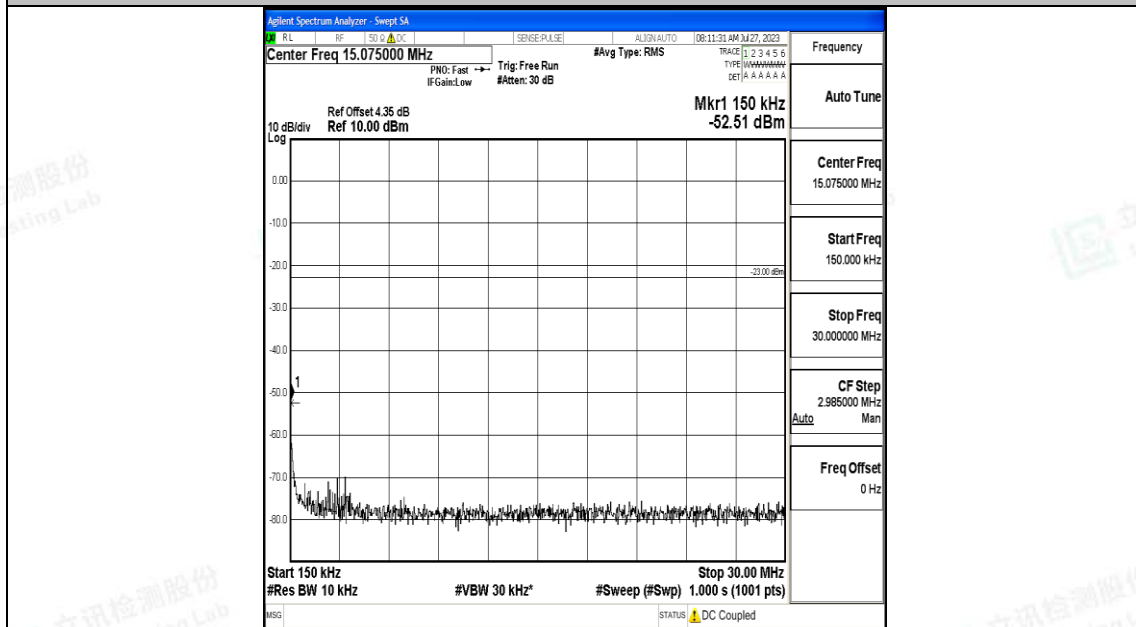


Band12_1.4MHz_16QAM_23095_1RB#0_3000~10000_3000~10000



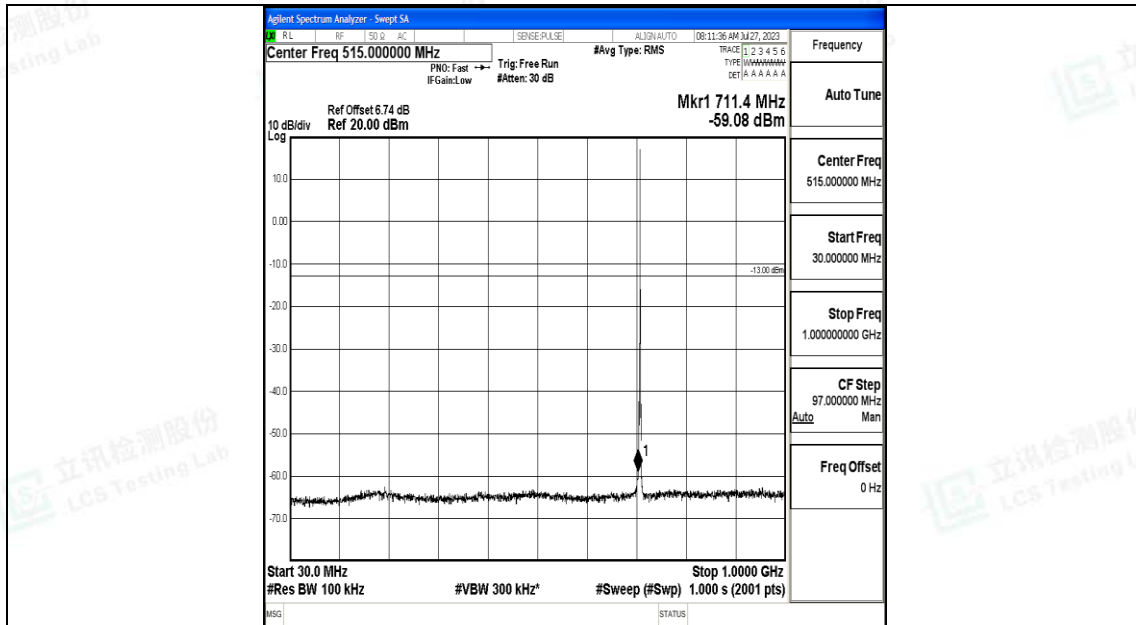


Band12_1.4MHz_QPSK_23173_1RB#0_0.009~0.15_0.009~0.15

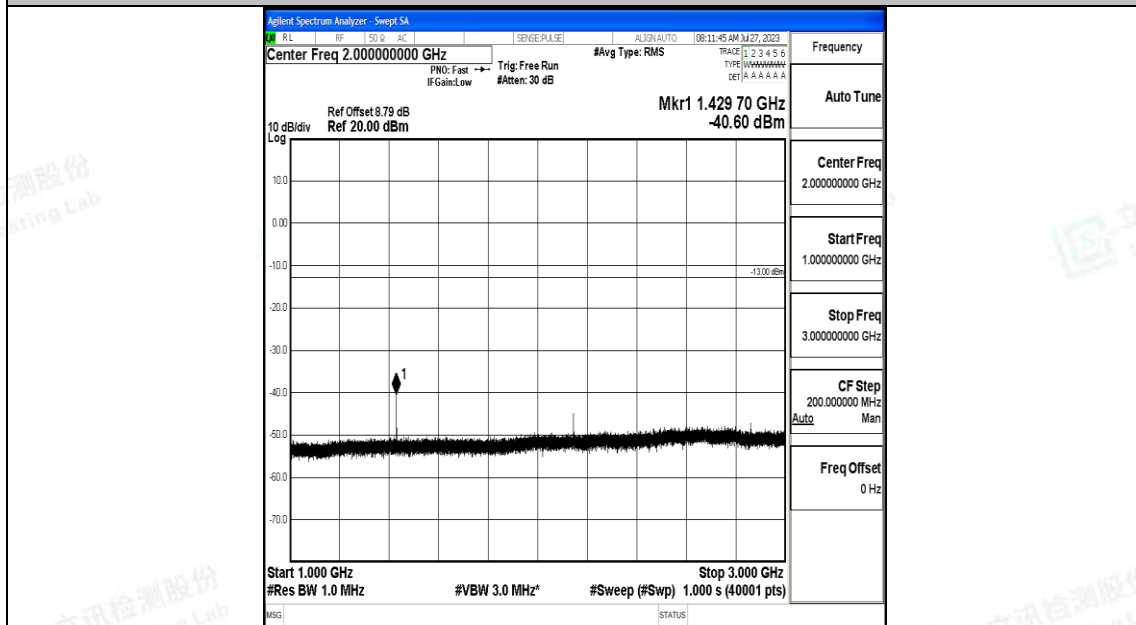


Band12_1.4MHz_QPSK_23173_1RB#0_0.15~30_0.15~30



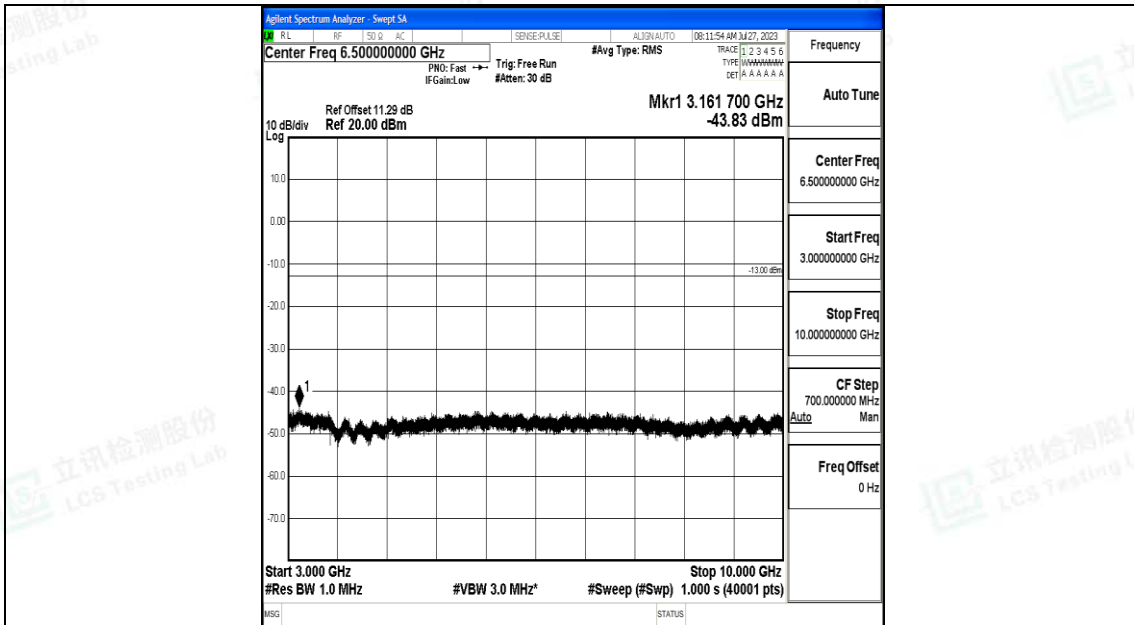


Band12_1.4MHz_QPSK_23173_1RB#0_30~1000_30~1000

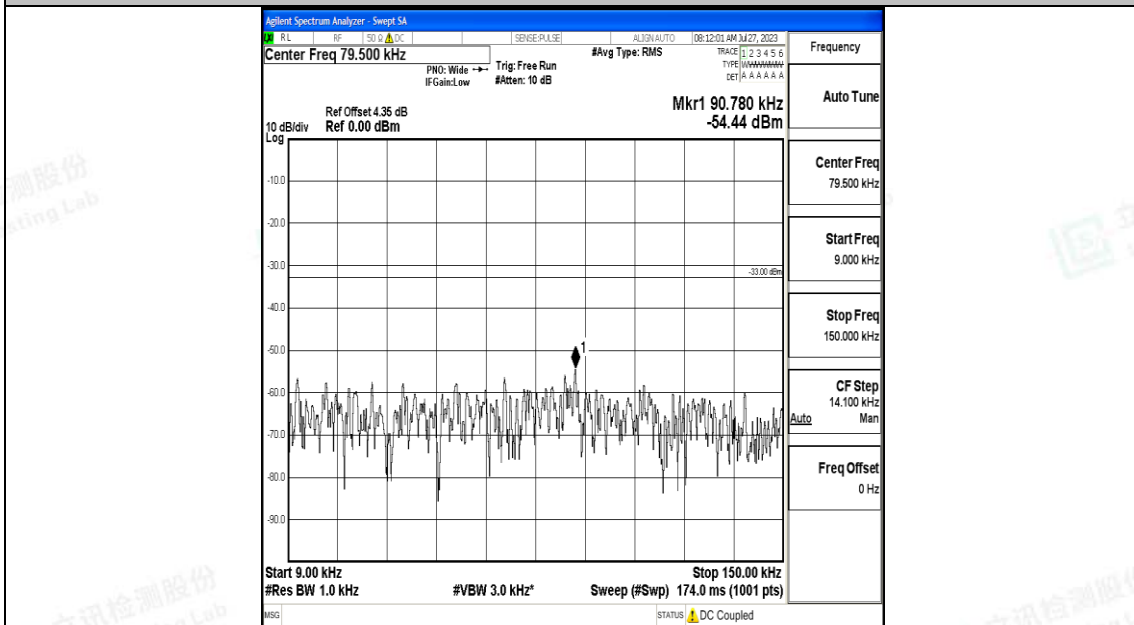


Band12_1.4MHz_QPSK_23173_1RB#0_1000~3000_1000~3000



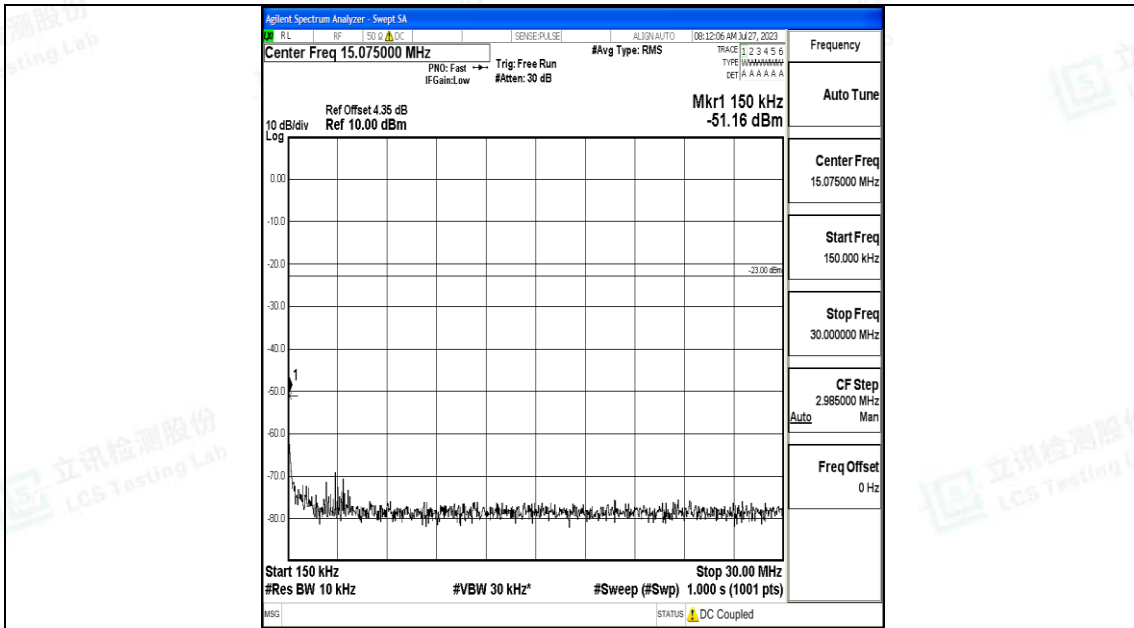


Band12_1.4MHz_QPSK_23173_1RB#0_3000~10000_3000~10000

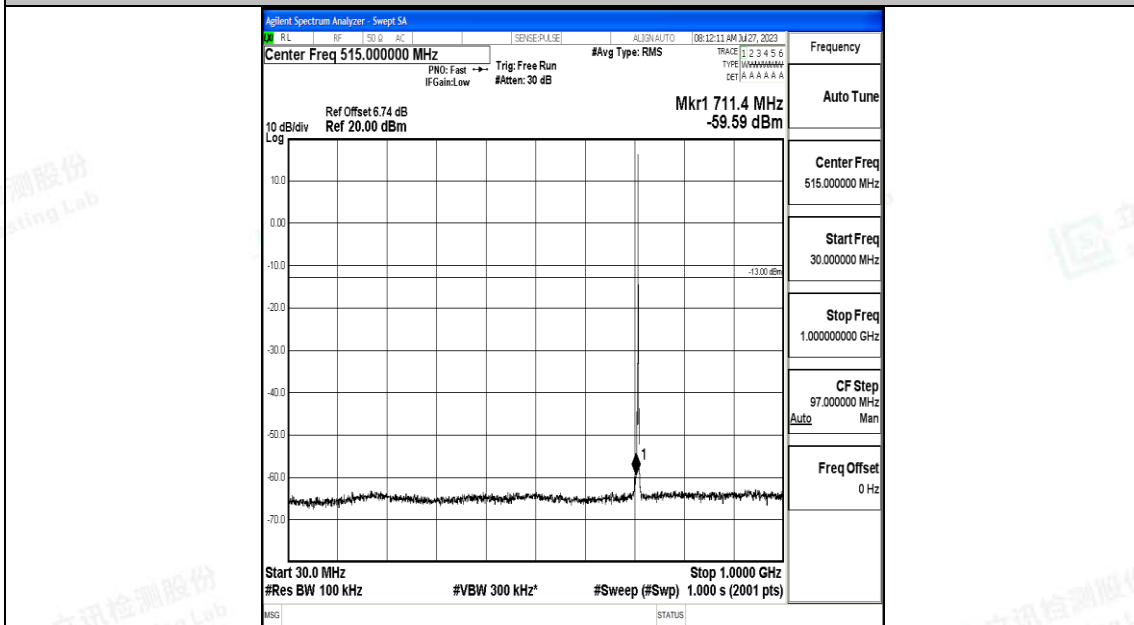


Band12_1.4MHz_16QAM_23173_1RB#0_0.009~0.15_0.009~0.15



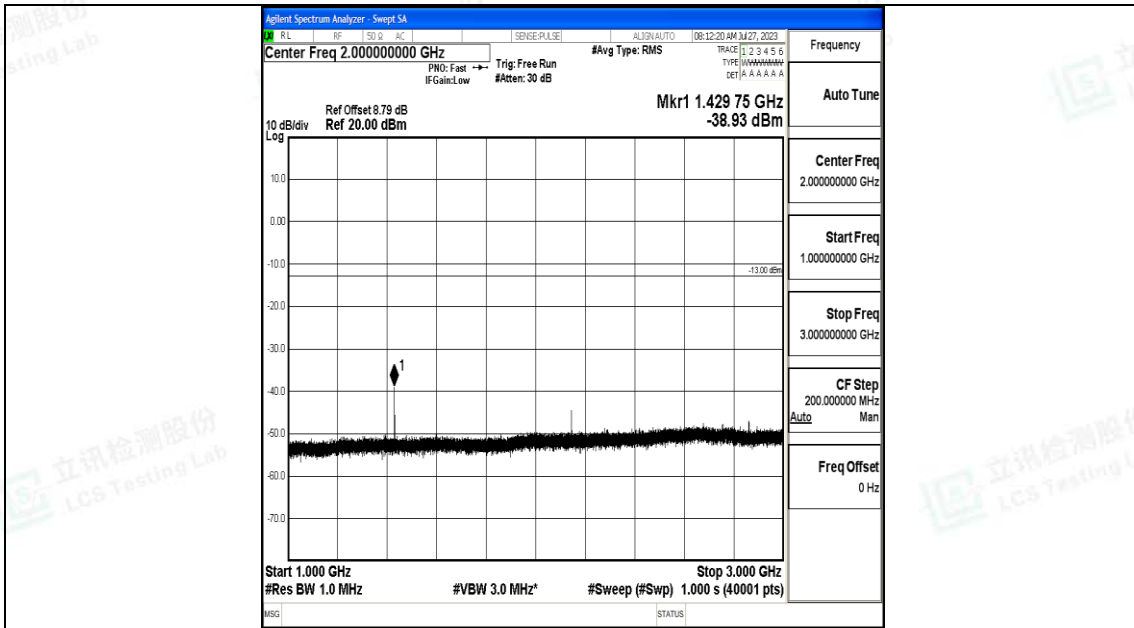


Band12_1.4MHz_16QAM_23173_1RB#0_0.15~30_0.15~30

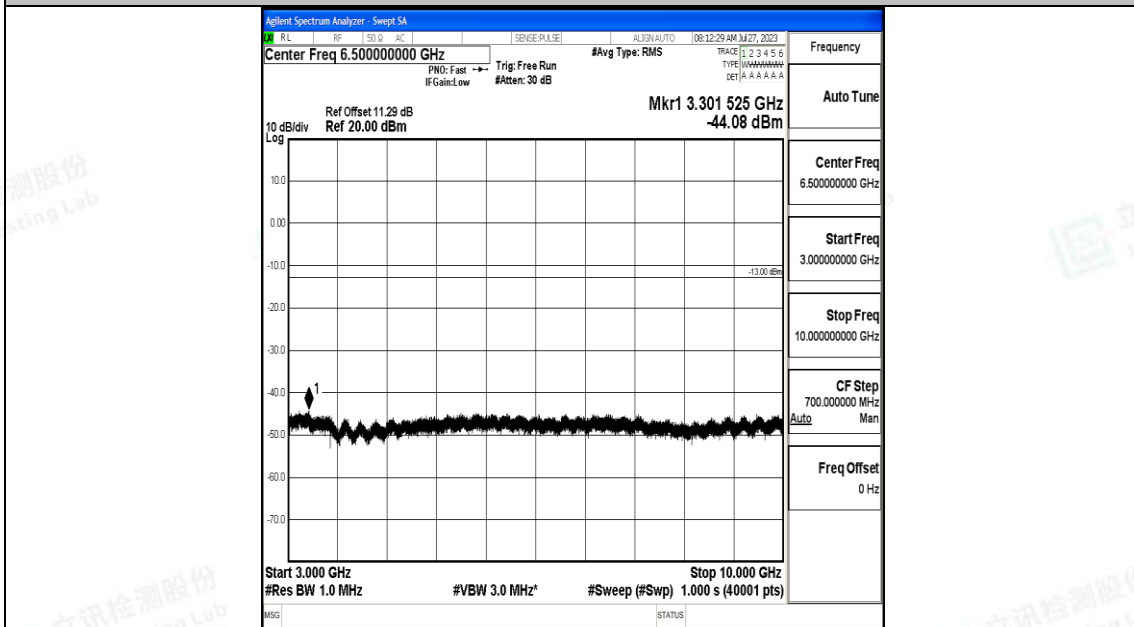


Band12_1.4MHz_16QAM_23173_1RB#0_30~1000_30~1000



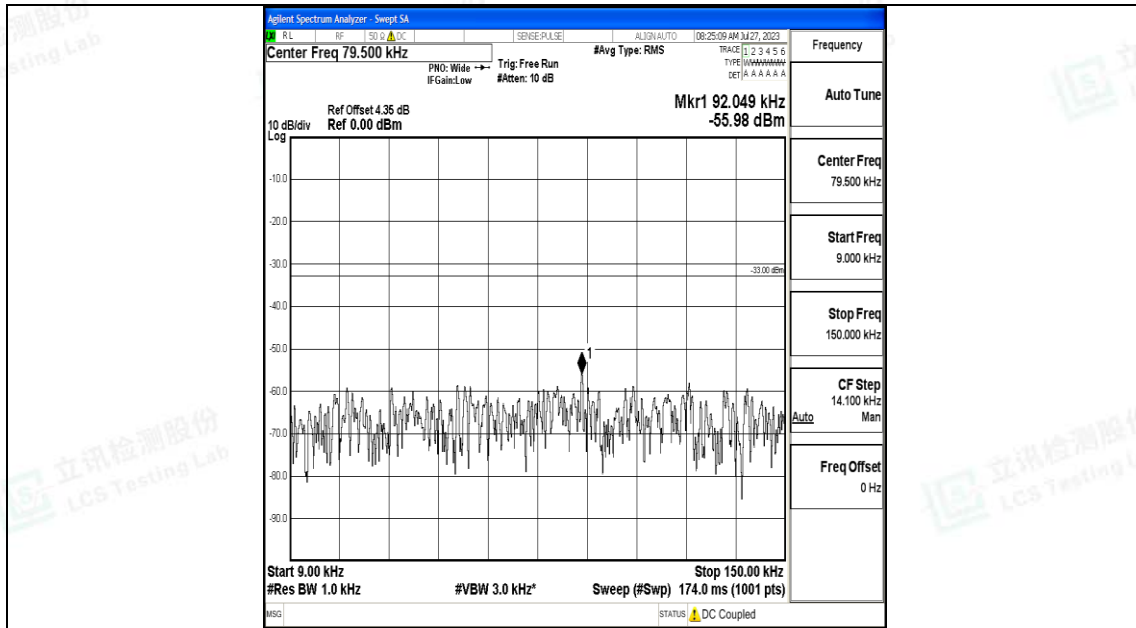


Band12_1.4MHz_16QAM_23173_1RB#0_1000~3000_1000~3000

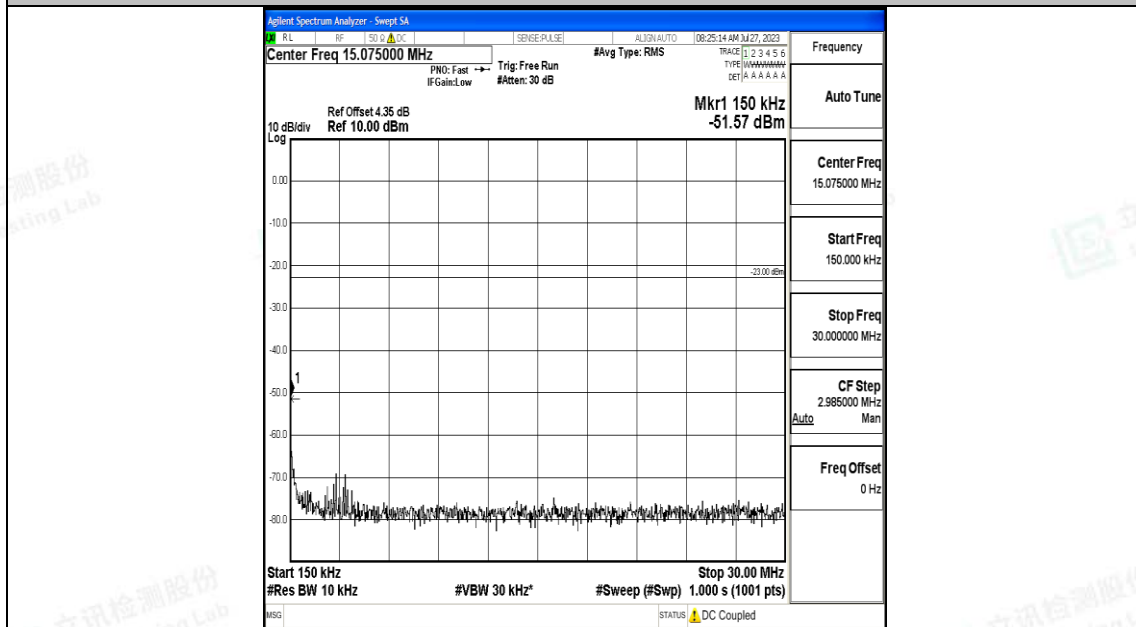


Band12_1.4MHz_16QAM_23173_1RB#0_3000~10000_3000~10000



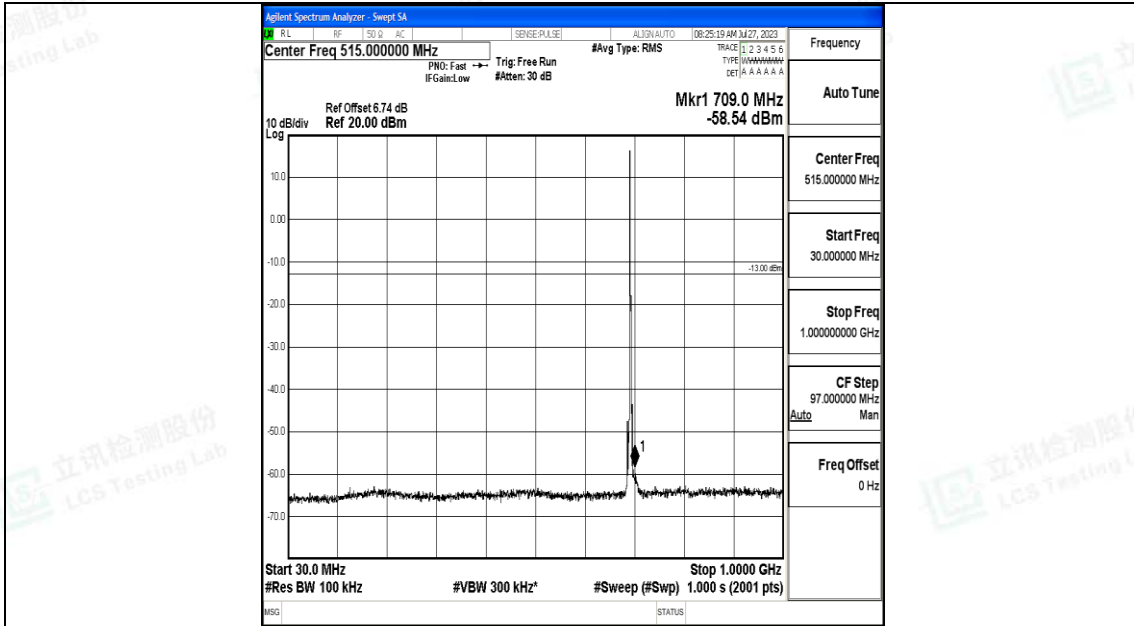


Band12_3MHz_QPSK_23025_1RB#0_0.009~0.15_0.009~0.15

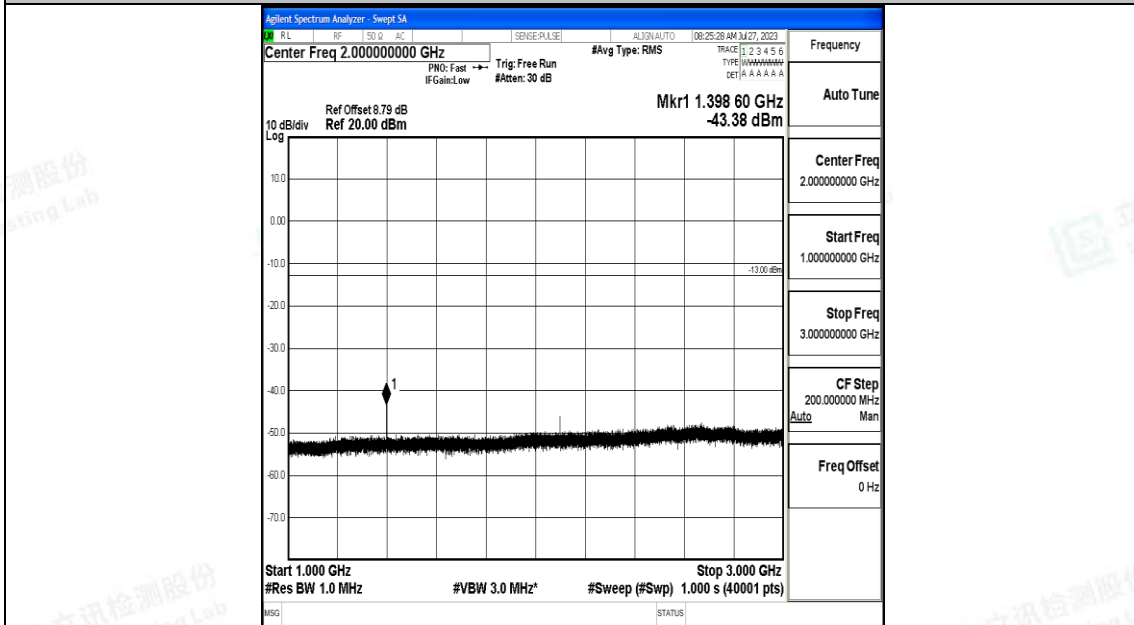


Band12_3MHz_QPSK_23025_1RB#0_0.15~30_0.15~30



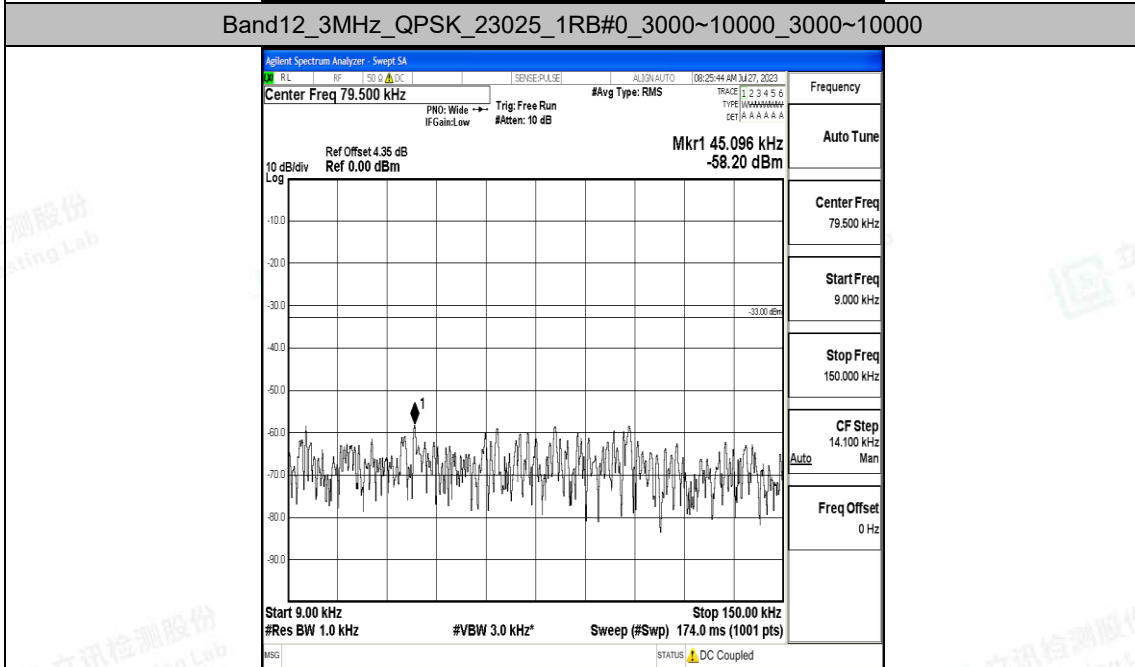
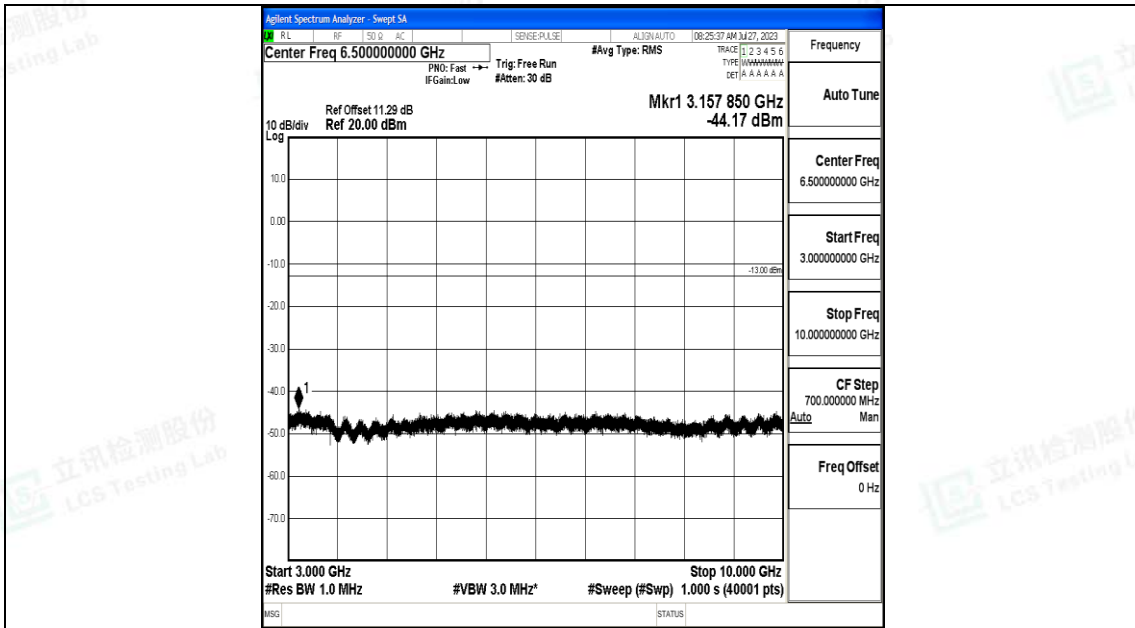


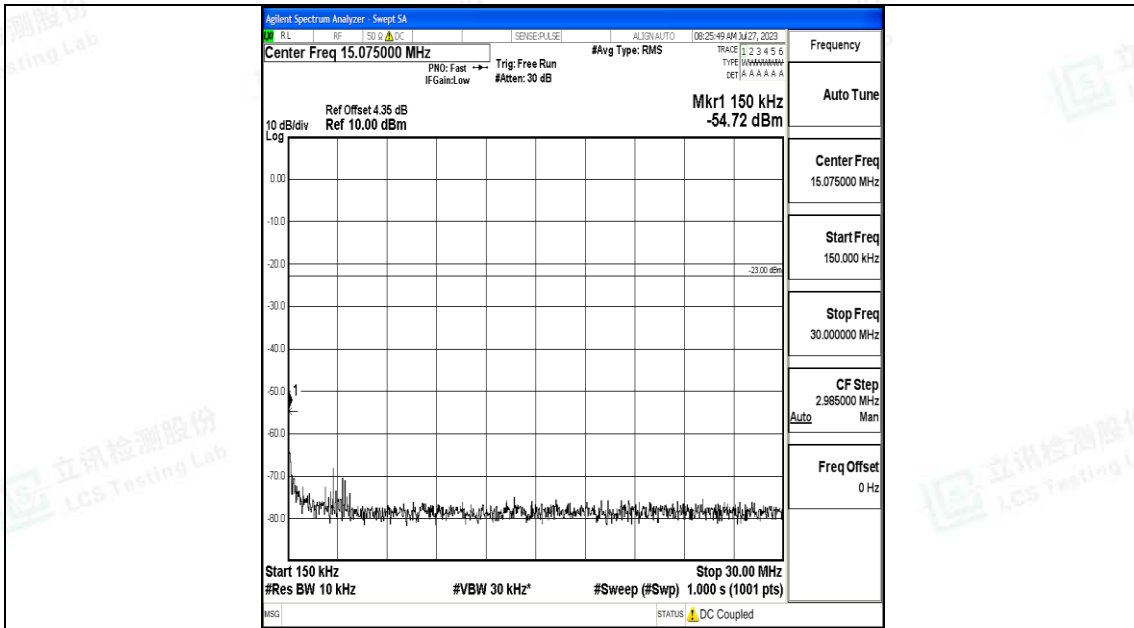
Band12_3MHz_QPSK_23025_1RB#0_30~1000_30~1000



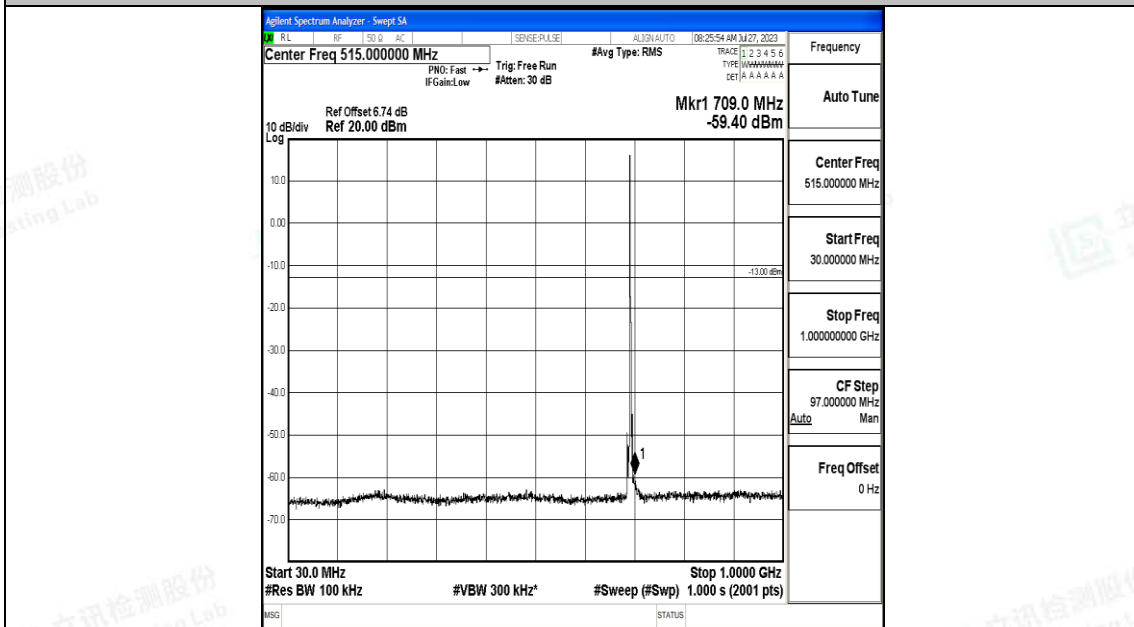
Band12_3MHz_QPSK_23025_1RB#0_1000~3000_1000~3000





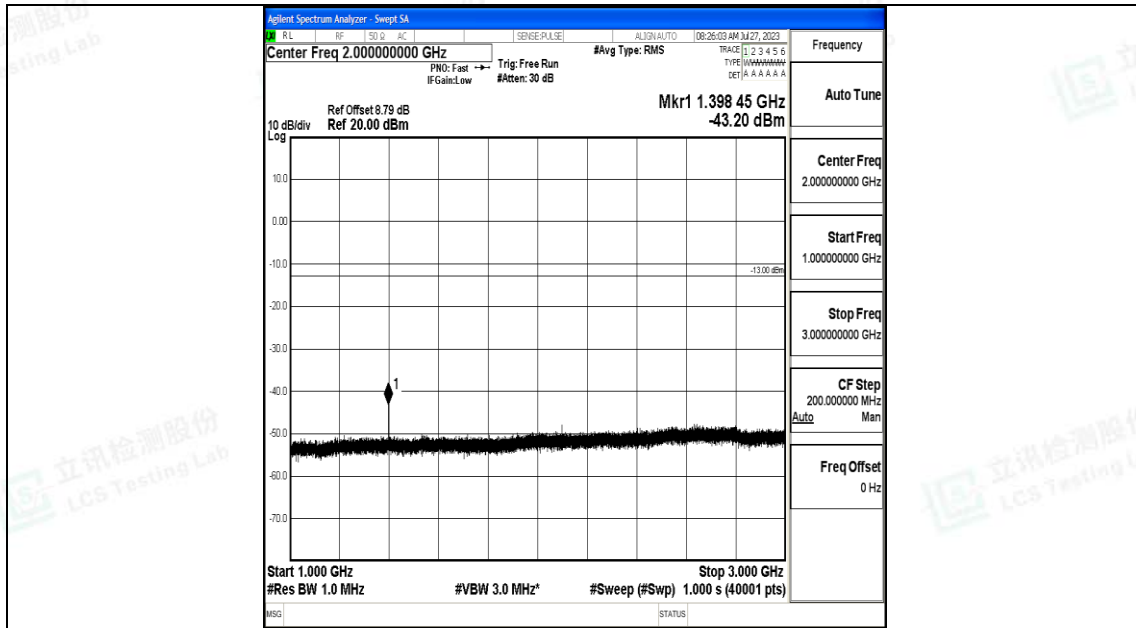


Band12_3MHz_16QAM_23025_1RB#0_0.15~30_0.15~30

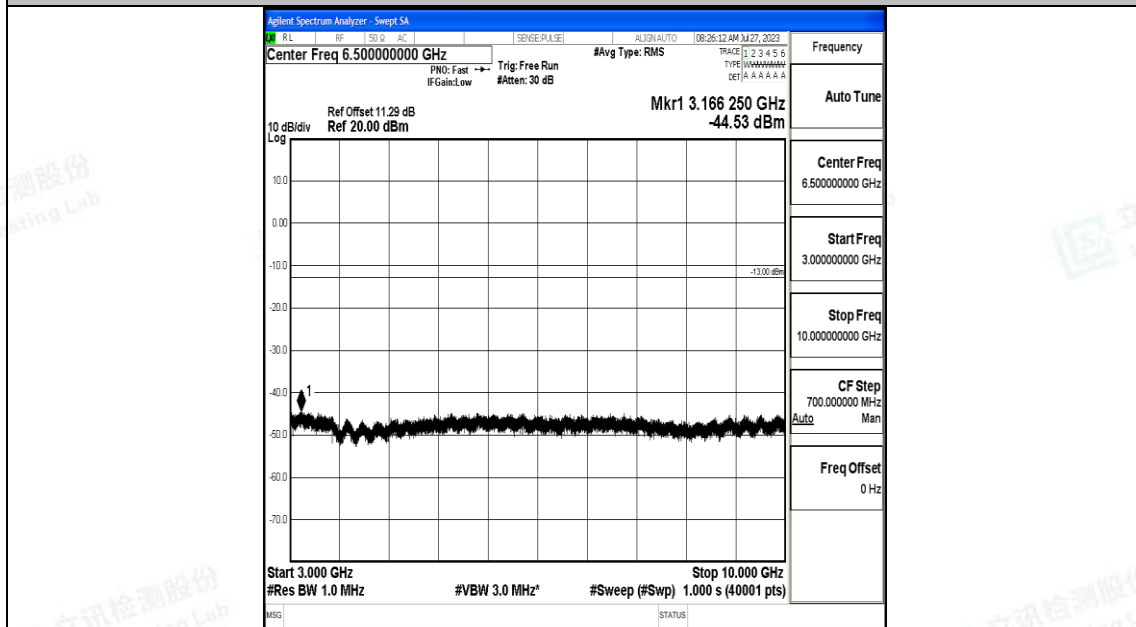


Band12_3MHz_16QAM_23025_1RB#0_30~1000_30~1000



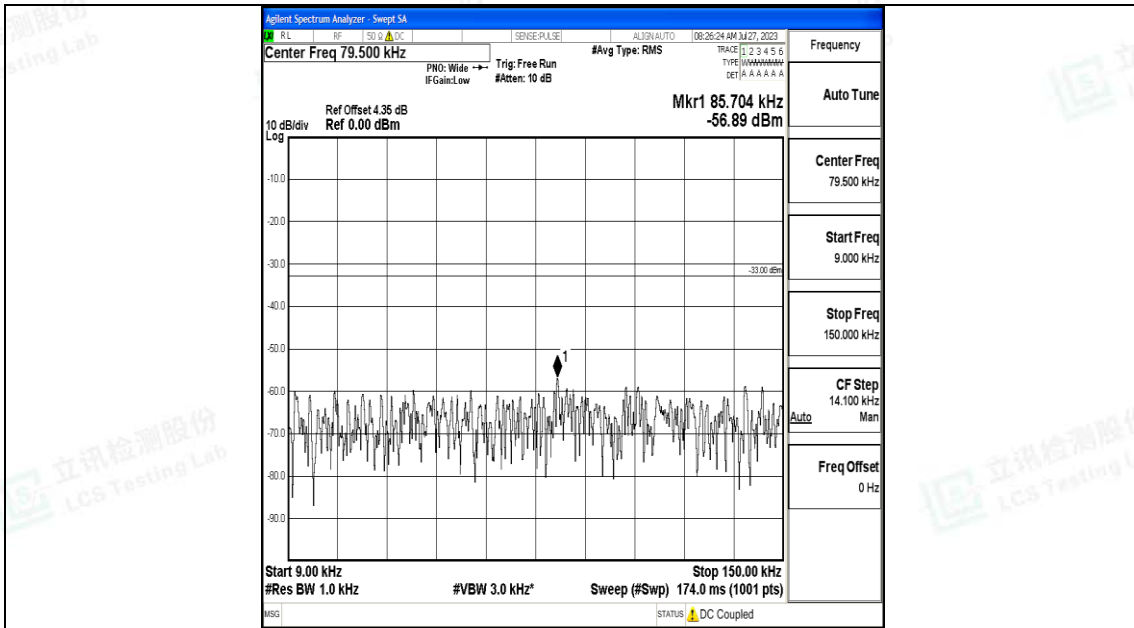


Band12_3MHz_16QAM_23025_1RB#0_1000~3000_1000~3000

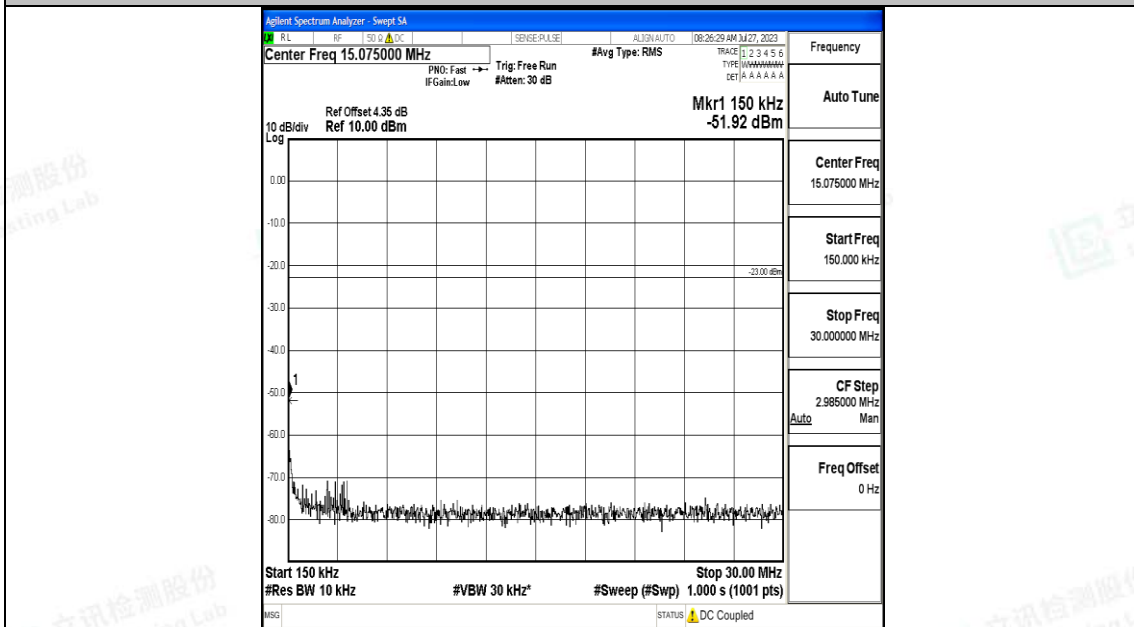


Band12_3MHz_16QAM_23025_1RB#0_3000~10000_3000~10000





Band12_3MHz_QPSK_23095_1RB#0_0.009~0.15_0.009~0.15



Band12_3MHz_QPSK_23095_1RB#0_0.15~30_0.15~30

