



Appendix J: Test Data for E-UTRA Band 12

Product Name: Smartphone

Test Model: Hyline Pro

Environmental Conditions

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





J.1 Conducted Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	22.23	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	22.35	PASS
Band12	1.4MHz	QPSK	23017	1RB#2	22.20	PASS
Band12	1.4MHz	16QAM	23017	1RB#2	22.46	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	22.11	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	22.32	PASS
Band12	1.4MHz	QPSK	23017	3RB#0	22.13	PASS
Band12	1.4MHz	16QAM	23017	3RB#0	21.20	PASS
Band12	1.4MHz	QPSK	23017	3RB#1	22.17	PASS
Band12	1.4MHz	16QAM	23017	3RB#1	21.20	PASS
Band12	1.4MHz	QPSK	23017	3RB#3	22.12	PASS
Band12	1.4MHz	16QAM	23017	3RB#3	21.28	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	21.23	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	20.42	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	22.12	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	21.03	PASS
Band12	1.4MHz	QPSK	23095	1RB#2	22.02	PASS
Band12	1.4MHz	16QAM	23095	1RB#2	21.07	PASS
Band12	1.4MHz	QPSK	23095	1RB#5	22.07	PASS
Band12	1.4MHz	16QAM	23095	1RB#5	20.96	PASS
Band12	1.4MHz	QPSK	23095	3RB#0	21.92	PASS
Band12	1.4MHz	16QAM	23095	3RB#0	20.91	PASS
Band12	1.4MHz	QPSK	23095	3RB#1	21.89	PASS
Band12	1.4MHz	16QAM	23095	3RB#1	20.87	PASS
Band12	1.4MHz	QPSK	23095	3RB#3	21.76	PASS
Band12	1.4MHz	16QAM	23095	3RB#3	20.85	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	21.02	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	20.47	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	21.87	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	21.44	PASS
Band12	1.4MHz	QPSK	23173	1RB#2	21.83	PASS
Band12	1.4MHz	16QAM	23173	1RB#2	21.39	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	21.77	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	21.80	PASS
Band12	1.4MHz	QPSK	23173	3RB#0	21.82	PASS
Band12	1.4MHz	16QAM	23173	3RB#0	20.83	PASS



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 Scan code to check authenticity



Band12	1.4MHz	QPSK	23173	3RB#1	21.89	PASS
Band12	1.4MHz	16QAM	23173	3RB#1	20.83	PASS
Band12	1.4MHz	QPSK	23173	3RB#3	21.89	PASS
Band12	1.4MHz	16QAM	23173	3RB#3	20.86	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	21.27	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	20.38	PASS
Band12	3MHz	QPSK	23025	1RB#0	22.19	PASS
Band12	3MHz	16QAM	23025	1RB#0	21.18	PASS
Band12	3MHz	QPSK	23025	1RB#8	22.22	PASS
Band12	3MHz	16QAM	23025	1RB#8	21.07	PASS
Band12	3MHz	QPSK	23025	1RB#14	22.30	PASS
Band12	3MHz	16QAM	23025	1RB#14	21.14	PASS
Band12	3MHz	QPSK	23025	8RB#0	21.28	PASS
Band12	3MHz	16QAM	23025	8RB#0	20.52	PASS
Band12	3MHz	QPSK	23025	8RB#4	21.29	PASS
Band12	3MHz	16QAM	23025	8RB#4	20.59	PASS
Band12	3MHz	QPSK	23025	8RB#7	21.33	PASS
Band12	3MHz	16QAM	23025	8RB#7	20.57	PASS
Band12	3MHz	QPSK	23025	15RB#0	21.29	PASS
Band12	3MHz	16QAM	23025	15RB#0	20.34	PASS
Band12	3MHz	QPSK	23095	1RB#0	22.16	PASS
Band12	3MHz	16QAM	23095	1RB#0	21.10	PASS
Band12	3MHz	QPSK	23095	1RB#8	22.06	PASS
Band12	3MHz	16QAM	23095	1RB#8	20.94	PASS
Band12	3MHz	QPSK	23095	1RB#14	22.06	PASS
Band12	3MHz	16QAM	23095	1RB#14	20.96	PASS
Band12	3MHz	QPSK	23095	8RB#0	21.04	PASS
Band12	3MHz	16QAM	23095	8RB#0	20.46	PASS
Band12	3MHz	QPSK	23095	8RB#4	20.97	PASS
Band12	3MHz	16QAM	23095	8RB#4	20.40	PASS
Band12	3MHz	QPSK	23095	8RB#7	20.99	PASS
Band12	3MHz	16QAM	23095	8RB#7	20.54	PASS
Band12	3MHz	QPSK	23095	15RB#0	21.18	PASS
Band12	3MHz	16QAM	23095	15RB#0	20.18	PASS
Band12	3MHz	QPSK	23165	1RB#0	22.07	PASS
Band12	3MHz	16QAM	23165	1RB#0	21.49	PASS
Band12	3MHz	QPSK	23165	1RB#8	21.81	PASS
Band12	3MHz	16QAM	23165	1RB#8	21.47	PASS
Band12	3MHz	QPSK	23165	1RB#14	21.84	PASS
Band12	3MHz	16QAM	23165	1RB#14	21.41	PASS



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Band12	3MHz	QPSK	23165	8RB#0	20.96	PASS
Band12	3MHz	16QAM	23165	8RB#0	20.25	PASS
Band12	3MHz	QPSK	23165	8RB#4	20.96	PASS
Band12	3MHz	16QAM	23165	8RB#4	20.26	PASS
Band12	3MHz	QPSK	23165	8RB#7	21.09	PASS
Band12	3MHz	16QAM	23165	8RB#7	20.23	PASS
Band12	3MHz	QPSK	23165	15RB#0	21.01	PASS
Band12	3MHz	16QAM	23165	15RB#0	20.33	PASS
Band12	5MHz	QPSK	23035	1RB#0	22.06	PASS
Band12	5MHz	16QAM	23035	1RB#0	20.73	PASS
Band12	5MHz	QPSK	23035	1RB#12	22.12	PASS
Band12	5MHz	16QAM	23035	1RB#12	20.70	PASS
Band12	5MHz	QPSK	23035	1RB#24	22.00	PASS
Band12	5MHz	16QAM	23035	1RB#24	20.57	PASS
Band12	5MHz	QPSK	23035	12RB#0	21.17	PASS
Band12	5MHz	16QAM	23035	12RB#0	20.37	PASS
Band12	5MHz	QPSK	23035	12RB#6	21.36	PASS
Band12	5MHz	16QAM	23035	12RB#6	20.43	PASS
Band12	5MHz	QPSK	23035	12RB#13	21.15	PASS
Band12	5MHz	16QAM	23035	12RB#13	20.38	PASS
Band12	5MHz	QPSK	23035	25RB#0	21.30	PASS
Band12	5MHz	16QAM	23035	25RB#0	20.52	PASS
Band12	5MHz	QPSK	23095	1RB#0	21.86	PASS
Band12	5MHz	16QAM	23095	1RB#0	21.54	PASS
Band12	5MHz	QPSK	23095	1RB#12	21.80	PASS
Band12	5MHz	16QAM	23095	1RB#12	21.50	PASS
Band12	5MHz	QPSK	23095	1RB#24	21.92	PASS
Band12	5MHz	16QAM	23095	1RB#24	21.44	PASS
Band12	5MHz	QPSK	23095	12RB#0	21.14	PASS
Band12	5MHz	16QAM	23095	12RB#0	20.29	PASS
Band12	5MHz	QPSK	23095	12RB#6	20.91	PASS
Band12	5MHz	16QAM	23095	12RB#6	20.23	PASS
Band12	5MHz	QPSK	23095	12RB#13	21.11	PASS
Band12	5MHz	16QAM	23095	12RB#13	20.16	PASS
Band12	5MHz	QPSK	23095	25RB#0	20.87	PASS
Band12	5MHz	16QAM	23095	25RB#0	20.19	PASS
Band12	5MHz	QPSK	23155	1RB#0	22.15	PASS
Band12	5MHz	16QAM	23155	1RB#0	20.98	PASS
Band12	5MHz	QPSK	23155	1RB#12	22.25	PASS
Band12	5MHz	16QAM	23155	1RB#12	21.01	PASS



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Band12	5MHz	QPSK	23155	1RB#24	22.14	PASS
Band12	5MHz	16QAM	23155	1RB#24	20.93	PASS
Band12	5MHz	QPSK	23155	12RB#0	20.97	PASS
Band12	5MHz	16QAM	23155	12RB#0	20.08	PASS
Band12	5MHz	QPSK	23155	12RB#6	20.97	PASS
Band12	5MHz	16QAM	23155	12RB#6	20.13	PASS
Band12	5MHz	QPSK	23155	12RB#13	20.89	PASS
Band12	5MHz	16QAM	23155	12RB#13	20.03	PASS
Band12	5MHz	QPSK	23155	25RB#0	20.96	PASS
Band12	5MHz	16QAM	23155	25RB#0	20.18	PASS
Band12	10MHz	QPSK	23060	1RB#0	22.08	PASS
Band12	10MHz	16QAM	23060	1RB#0	21.45	PASS
Band12	10MHz	QPSK	23060	1RB#24	21.98	PASS
Band12	10MHz	16QAM	23060	1RB#24	21.28	PASS
Band12	10MHz	QPSK	23060	1RB#49	21.77	PASS
Band12	10MHz	16QAM	23060	1RB#49	21.29	PASS
Band12	10MHz	QPSK	23060	25RB#0	21.19	PASS
Band12	10MHz	16QAM	23060	25RB#0	20.37	PASS
Band12	10MHz	QPSK	23060	25RB#12	21.19	PASS
Band12	10MHz	16QAM	23060	25RB#12	20.40	PASS
Band12	10MHz	QPSK	23060	25RB#25	21.05	PASS
Band12	10MHz	16QAM	23060	25RB#25	20.24	PASS
Band12	10MHz	QPSK	23060	50RB#0	21.15	PASS
Band12	10MHz	16QAM	23060	50RB#0	20.32	PASS
Band12	10MHz	QPSK	23095	1RB#0	22.18	PASS
Band12	10MHz	16QAM	23095	1RB#0	21.21	PASS
Band12	10MHz	QPSK	23095	1RB#24	22.09	PASS
Band12	10MHz	16QAM	23095	1RB#24	21.13	PASS
Band12	10MHz	QPSK	23095	1RB#49	22.05	PASS
Band12	10MHz	16QAM	23095	1RB#49	21.05	PASS
Band12	10MHz	QPSK	23095	25RB#0	21.23	PASS
Band12	10MHz	16QAM	23095	25RB#0	20.38	PASS
Band12	10MHz	QPSK	23095	25RB#12	21.21	PASS
Band12	10MHz	16QAM	23095	25RB#12	20.39	PASS
Band12	10MHz	QPSK	23095	25RB#25	20.99	PASS
Band12	10MHz	16QAM	23095	25RB#25	20.41	PASS
Band12	10MHz	QPSK	23095	50RB#0	21.20	PASS
Band12	10MHz	16QAM	23095	50RB#0	20.29	PASS
Band12	10MHz	QPSK	23130	1RB#0	21.89	PASS
Band12	10MHz	16QAM	23130	1RB#0	21.97	PASS





Band12	10MHz	QPSK	23130	1RB#24	21.83	PASS
Band12	10MHz	16QAM	23130	1RB#24	21.88	PASS
Band12	10MHz	QPSK	23130	1RB#49	21.72	PASS
Band12	10MHz	16QAM	23130	1RB#49	21.75	PASS
Band12	10MHz	QPSK	23130	25RB#0	21.12	PASS
Band12	10MHz	16QAM	23130	25RB#0	20.22	PASS
Band12	10MHz	QPSK	23130	25RB#12	20.99	PASS
Band12	10MHz	16QAM	23130	25RB#12	20.23	PASS
Band12	10MHz	QPSK	23130	25RB#25	21.05	PASS
Band12	10MHz	16QAM	23130	25RB#25	20.26	PASS
Band12	10MHz	QPSK	23130	50RB#0	20.93	PASS
Band12	10MHz	16QAM	23130	50RB#0	20.31	PASS





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

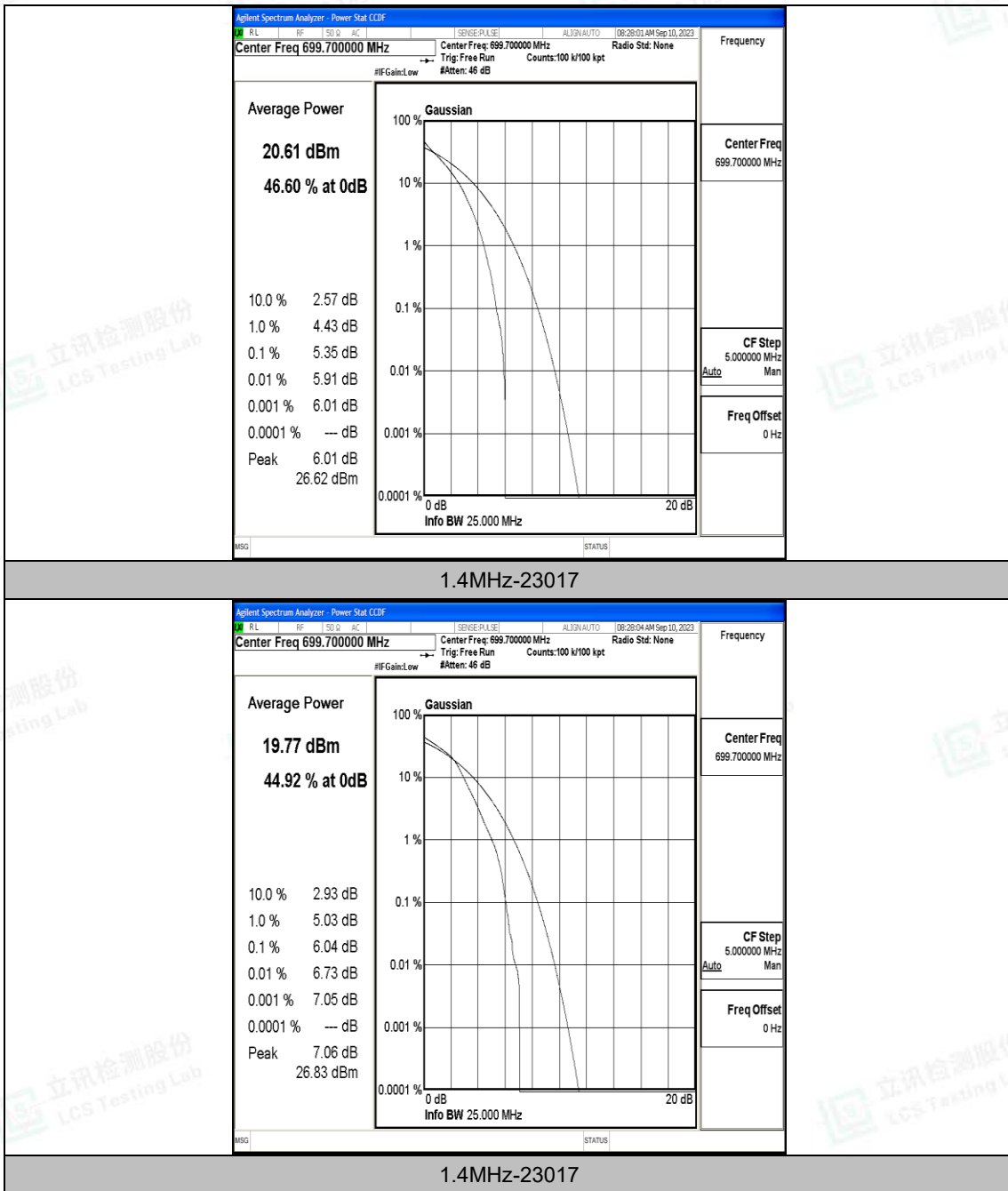
Test Result

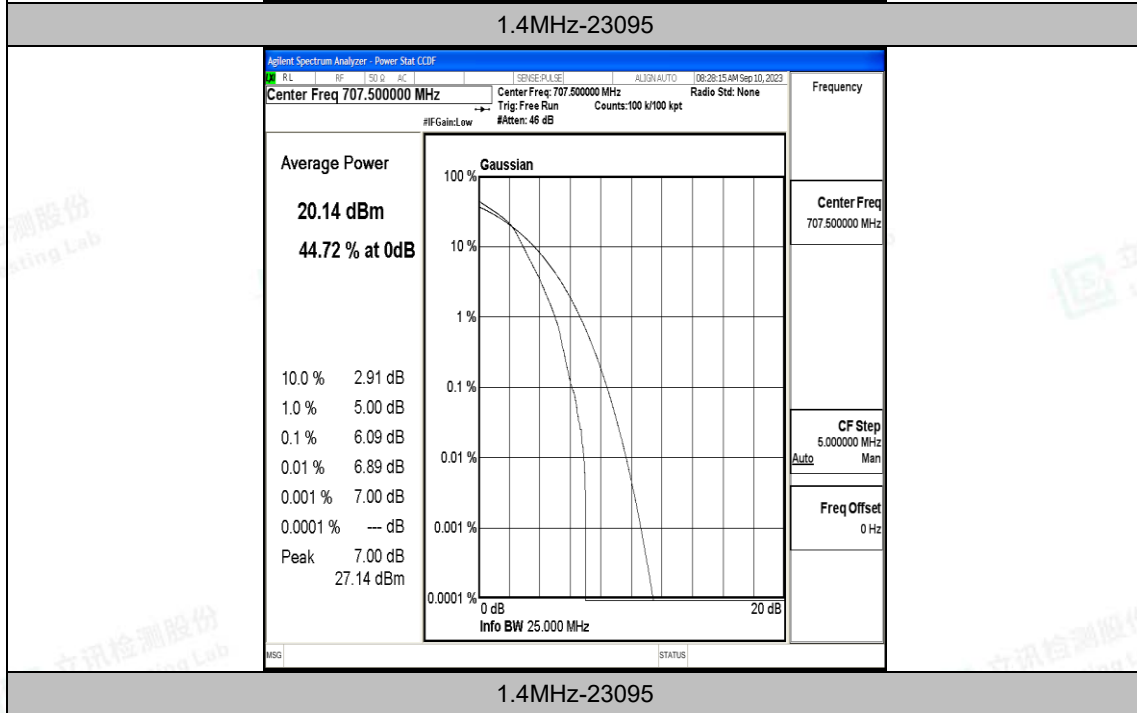
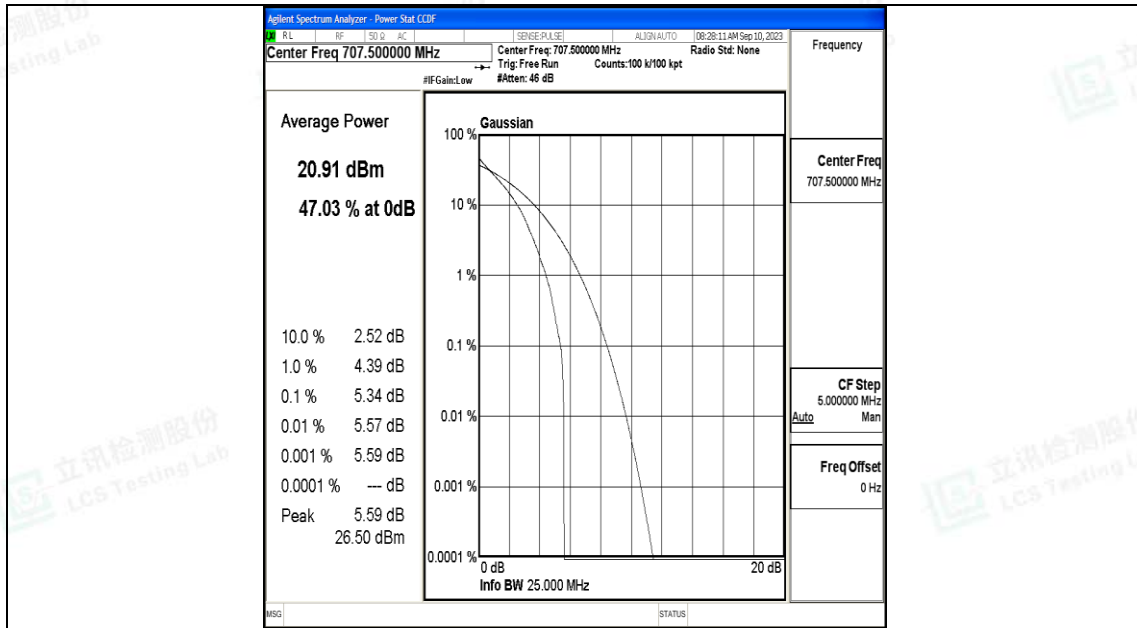
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Band12	1.4MHz	QPSK	23017	6RB#0	5.35	13	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	6.04	13	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	5.34	13	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	6.09	13	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	4.79	13	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	5.39	13	PASS
Band12	3MHz	QPSK	23025	15RB#0	5.34	13	PASS
Band12	3MHz	16QAM	23025	15RB#0	6.00	13	PASS
Band12	3MHz	QPSK	23095	15RB#0	5.38	13	PASS
Band12	3MHz	16QAM	23095	15RB#0	6.11	13	PASS
Band12	3MHz	QPSK	23165	15RB#0	4.96	13	PASS
Band12	3MHz	16QAM	23165	15RB#0	5.83	13	PASS
Band12	5MHz	QPSK	23035	25RB#0	5.33	13	PASS
Band12	5MHz	16QAM	23035	25RB#0	6.09	13	PASS
Band12	5MHz	QPSK	23095	25RB#0	5.39	13	PASS
Band12	5MHz	16QAM	23095	25RB#0	6.00	13	PASS
Band12	5MHz	QPSK	23155	25RB#0	5.11	13	PASS
Band12	5MHz	16QAM	23155	25RB#0	5.73	13	PASS
Band12	10MHz	QPSK	23060	50RB#0	5.31	13	PASS
Band12	10MHz	16QAM	23060	50RB#0	6.03	13	PASS
Band12	10MHz	QPSK	23095	50RB#0	5.39	13	PASS
Band12	10MHz	16QAM	23095	50RB#0	6.00	13	PASS
Band12	10MHz	QPSK	23130	50RB#0	5.30	13	PASS
Band12	10MHz	16QAM	23130	50RB#0	5.99	13	PASS

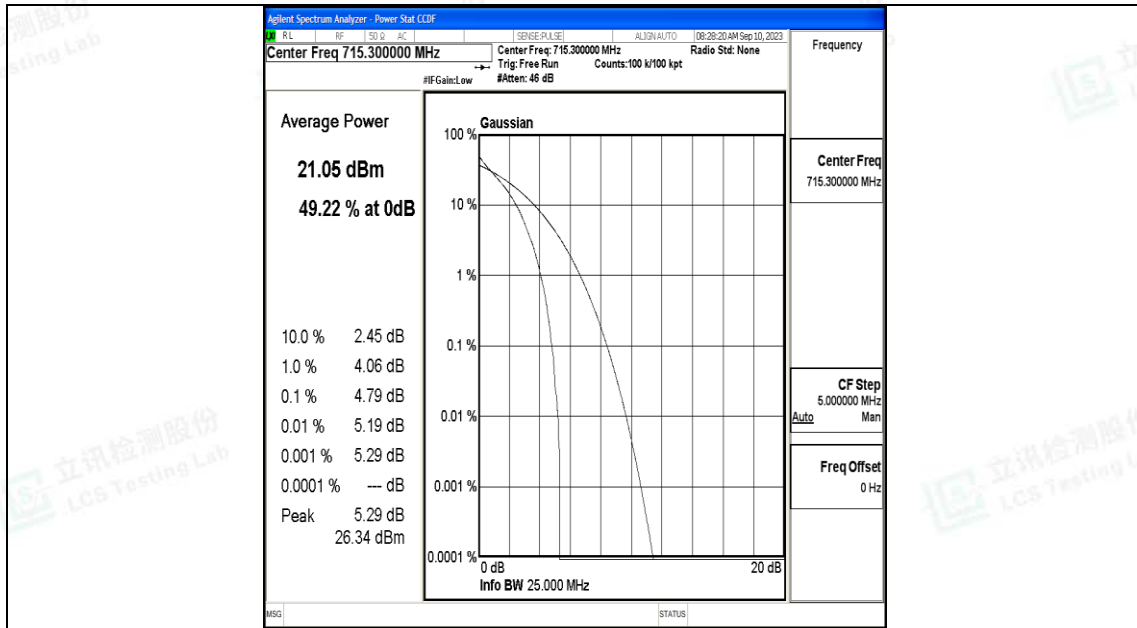




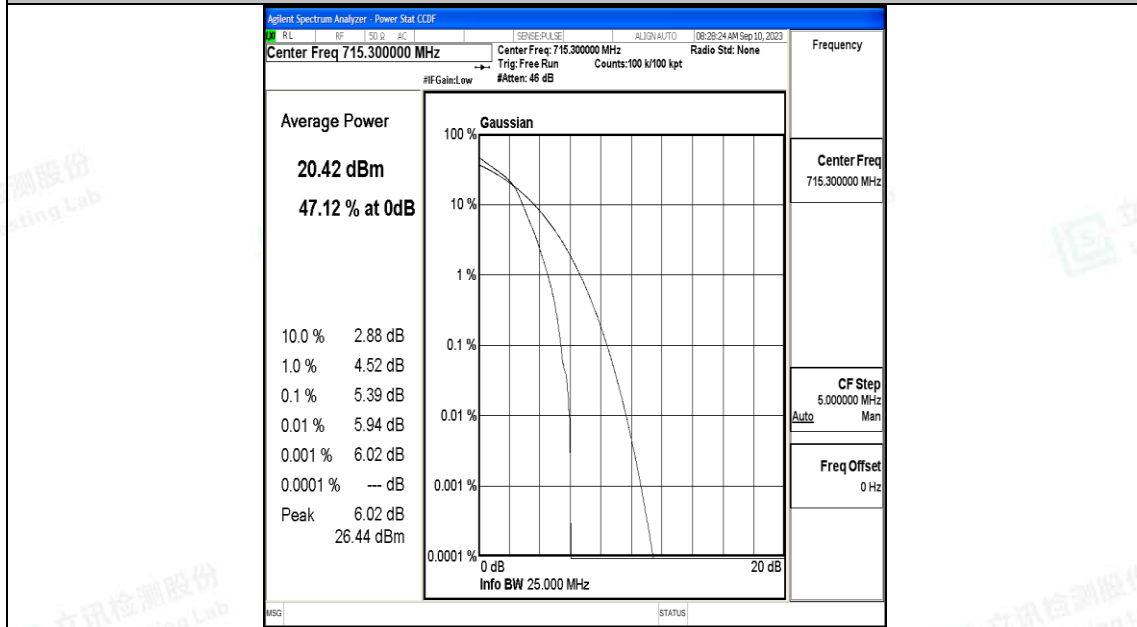
Test Graphs





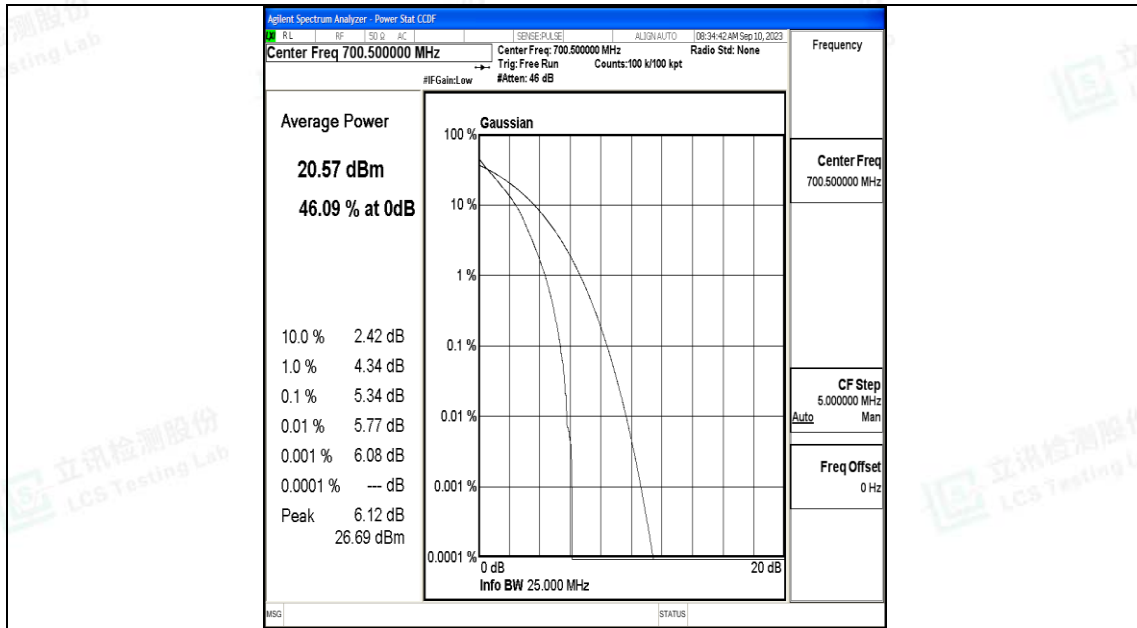


1.4MHz-23173

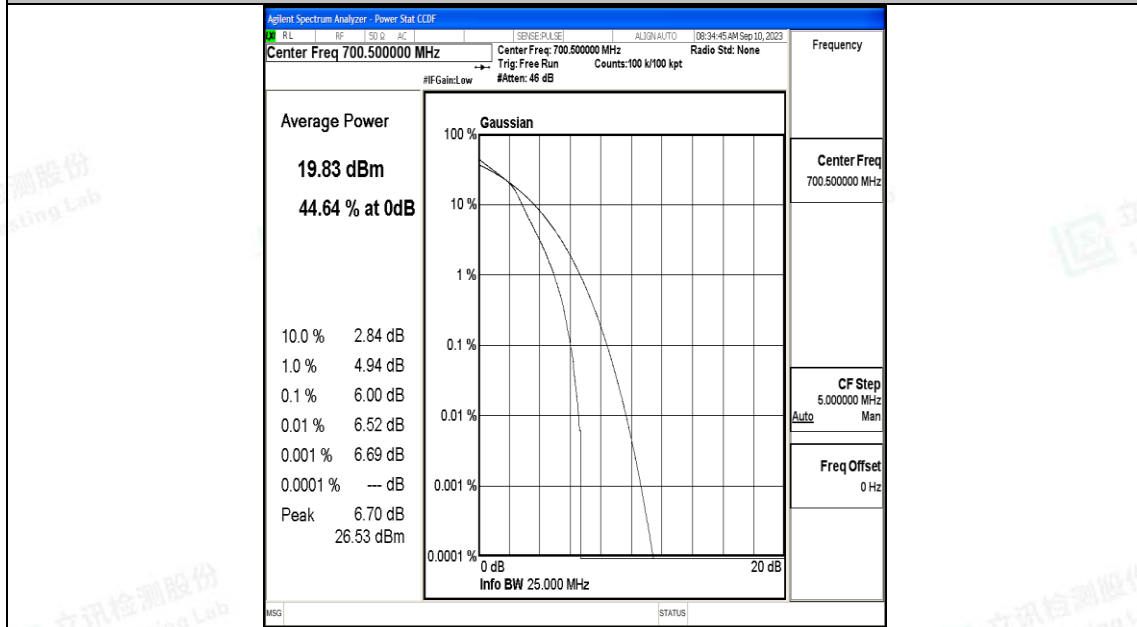


1.4MHz-23173



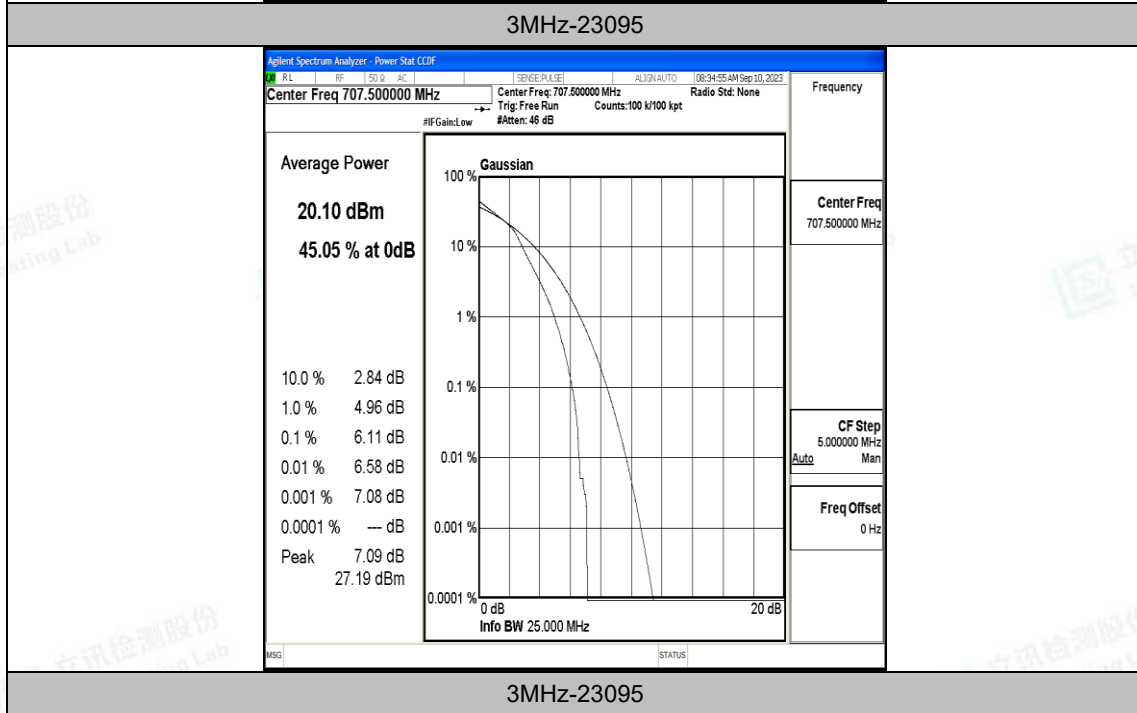
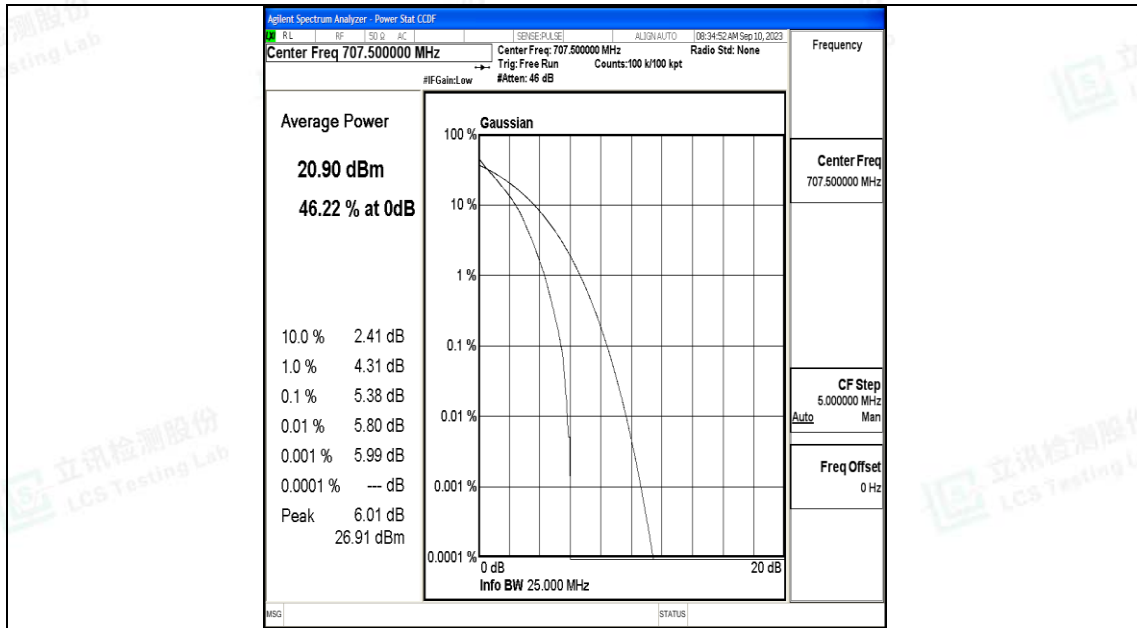


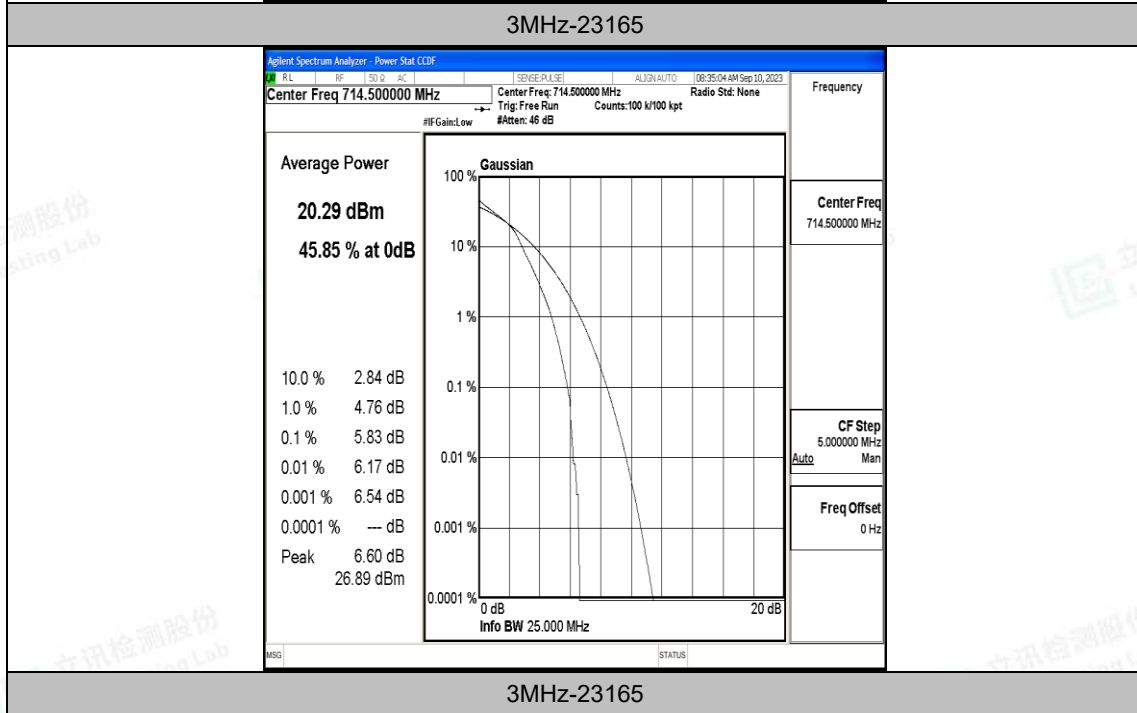
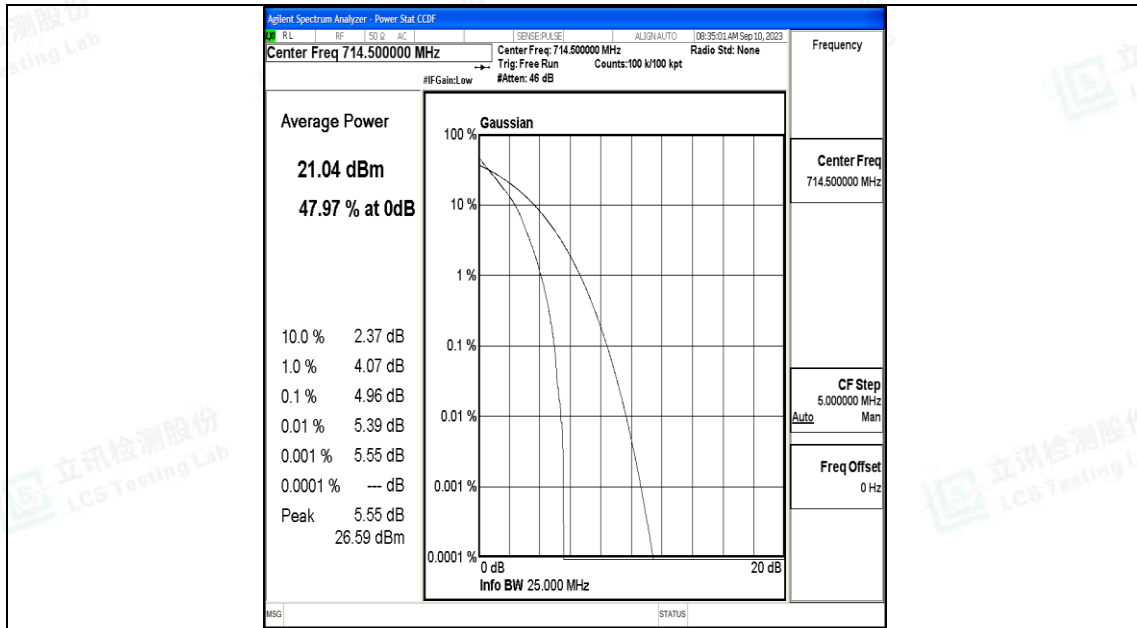
3MHz-23025

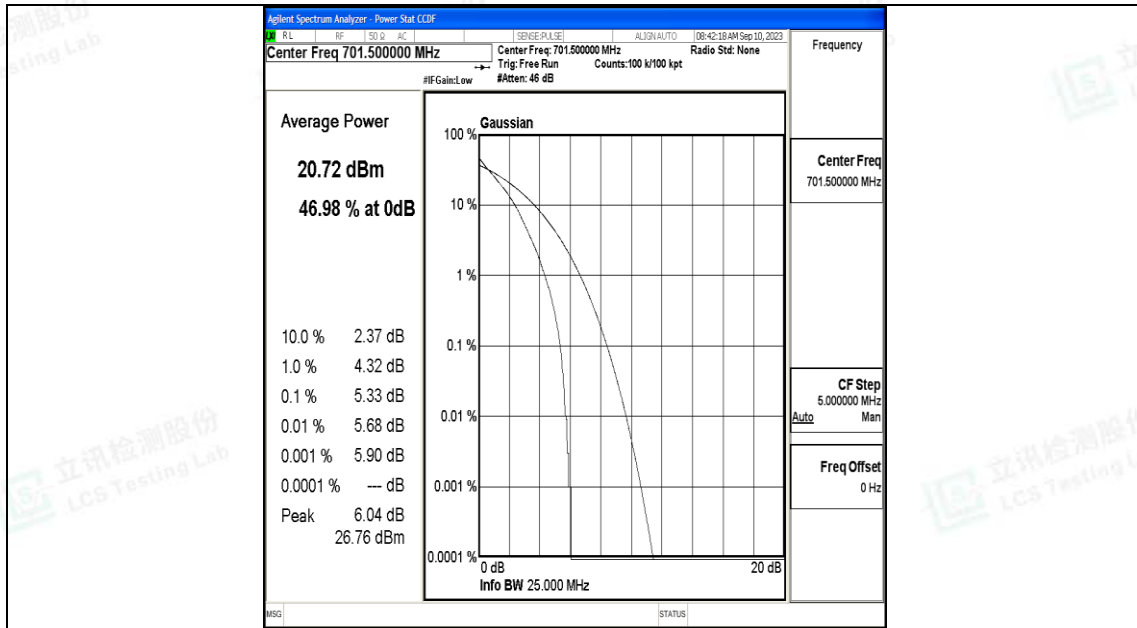


3MHz-23025

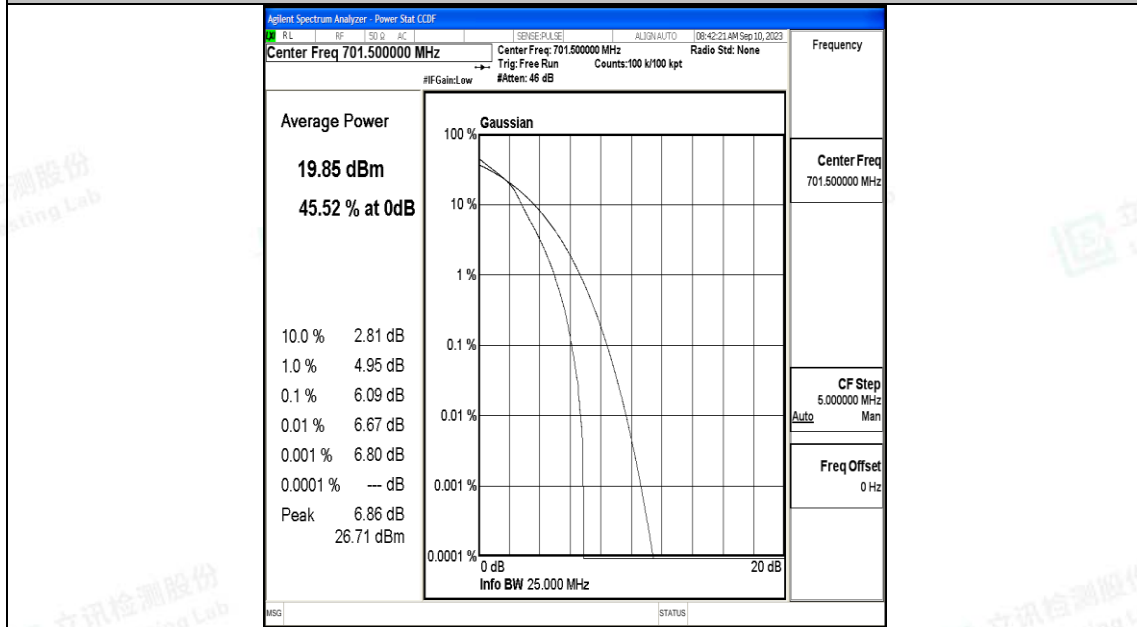






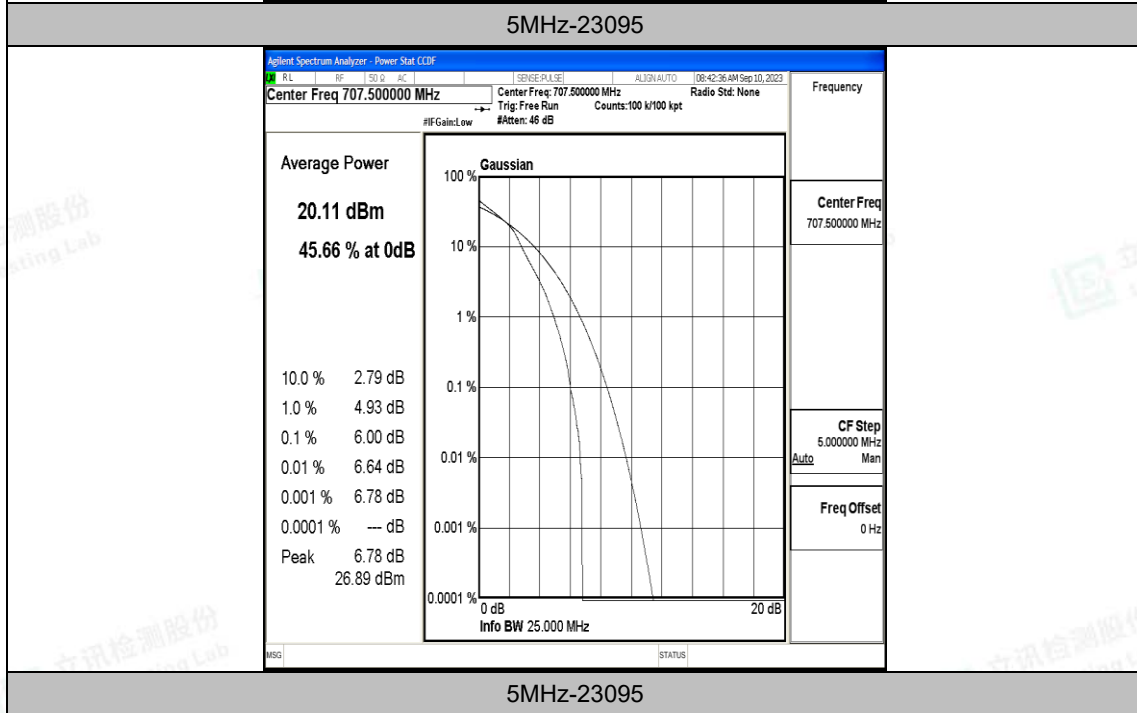
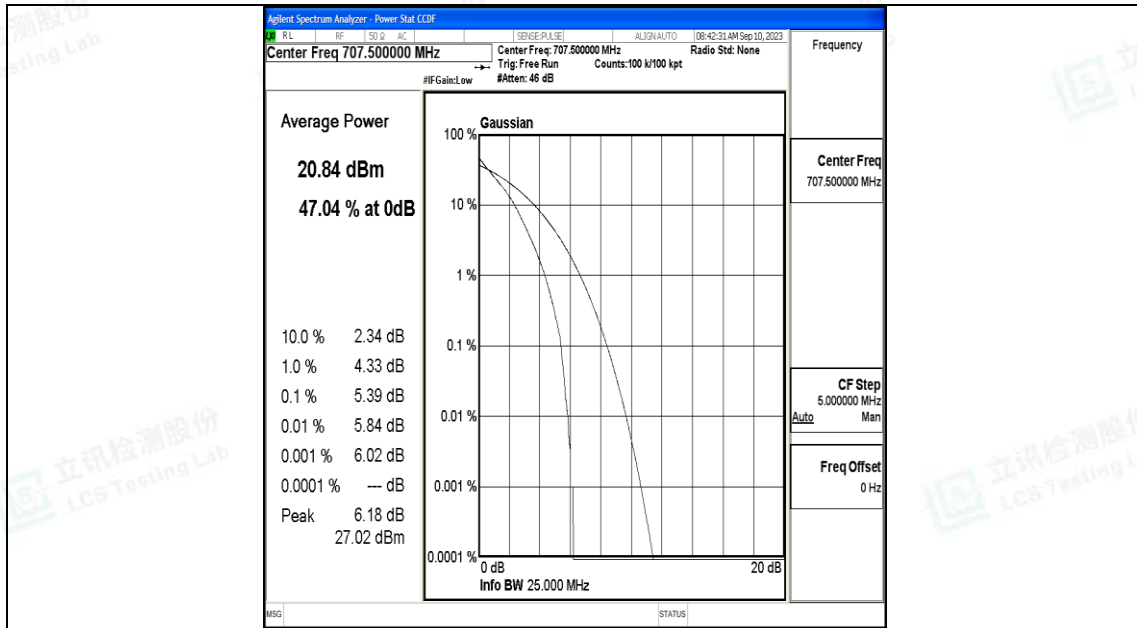


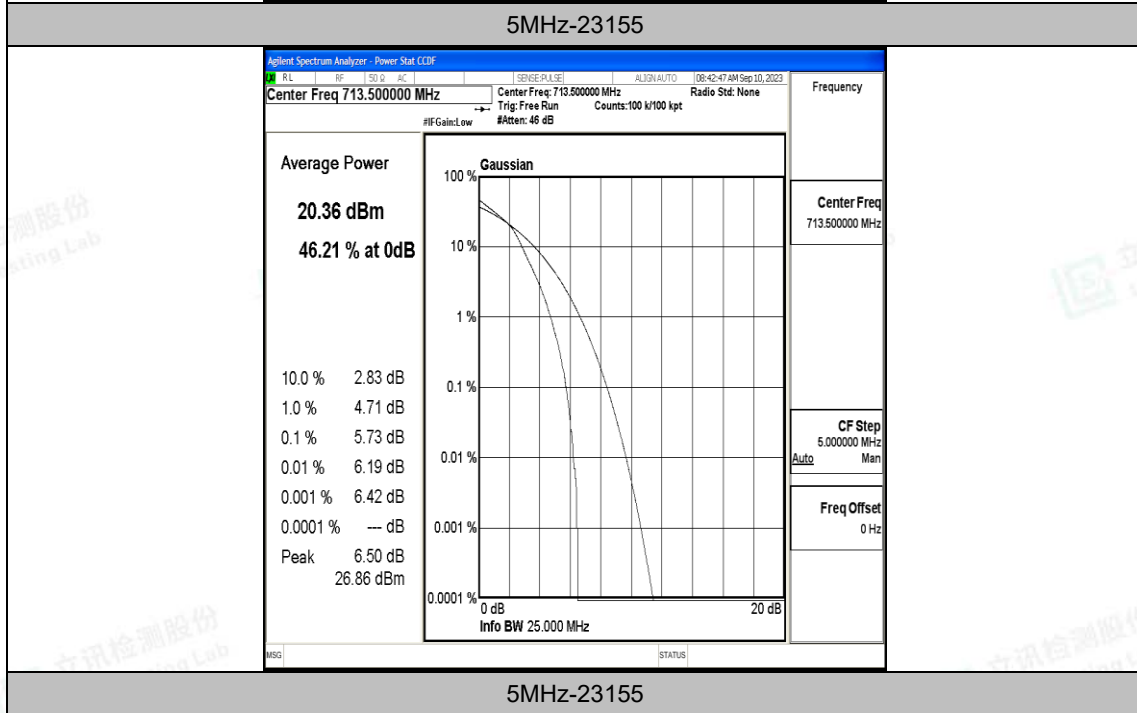
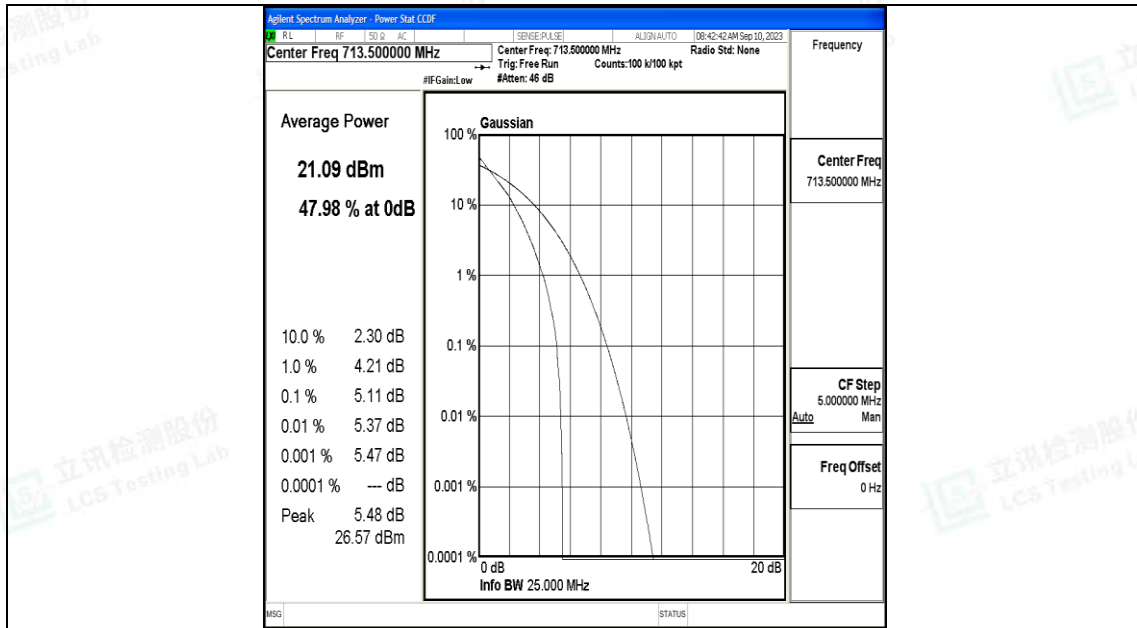
5MHz-23035

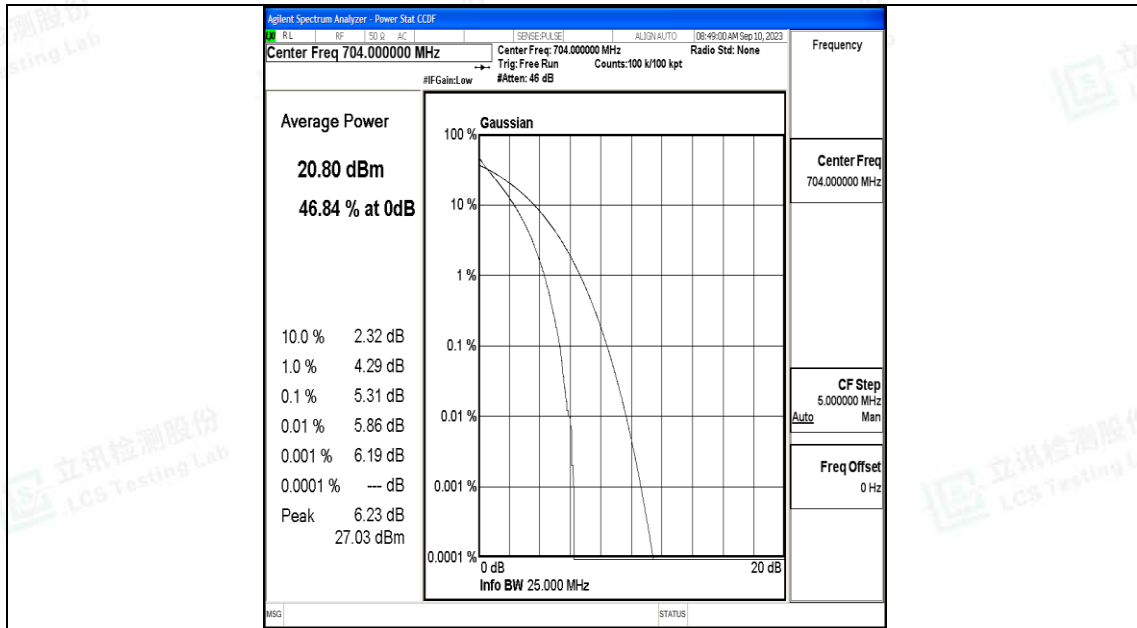


5MHz-23035

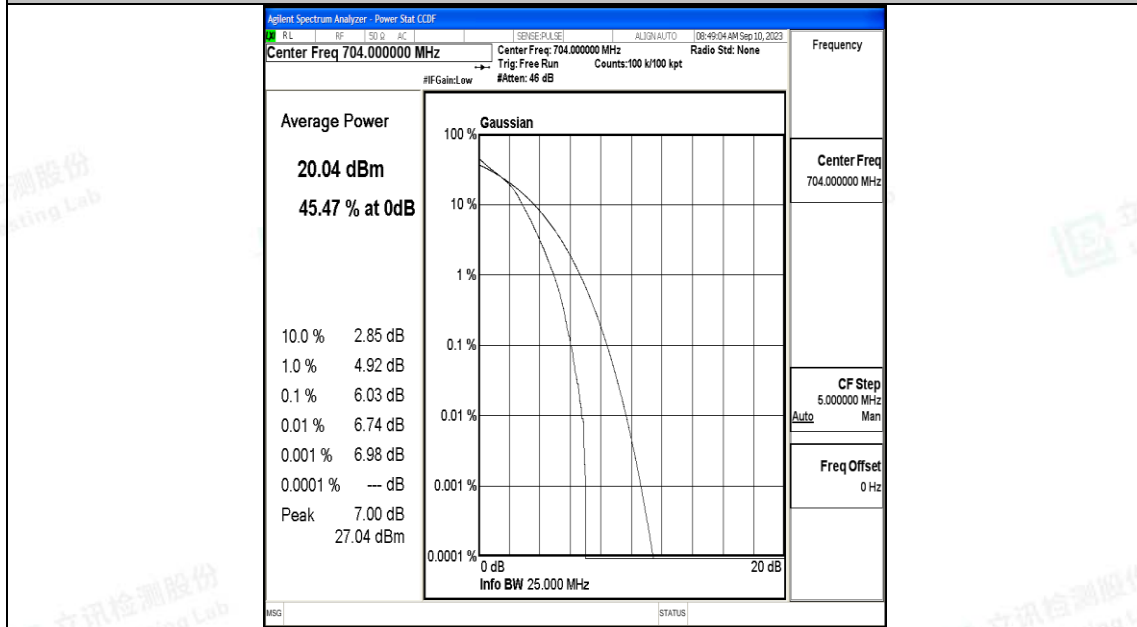






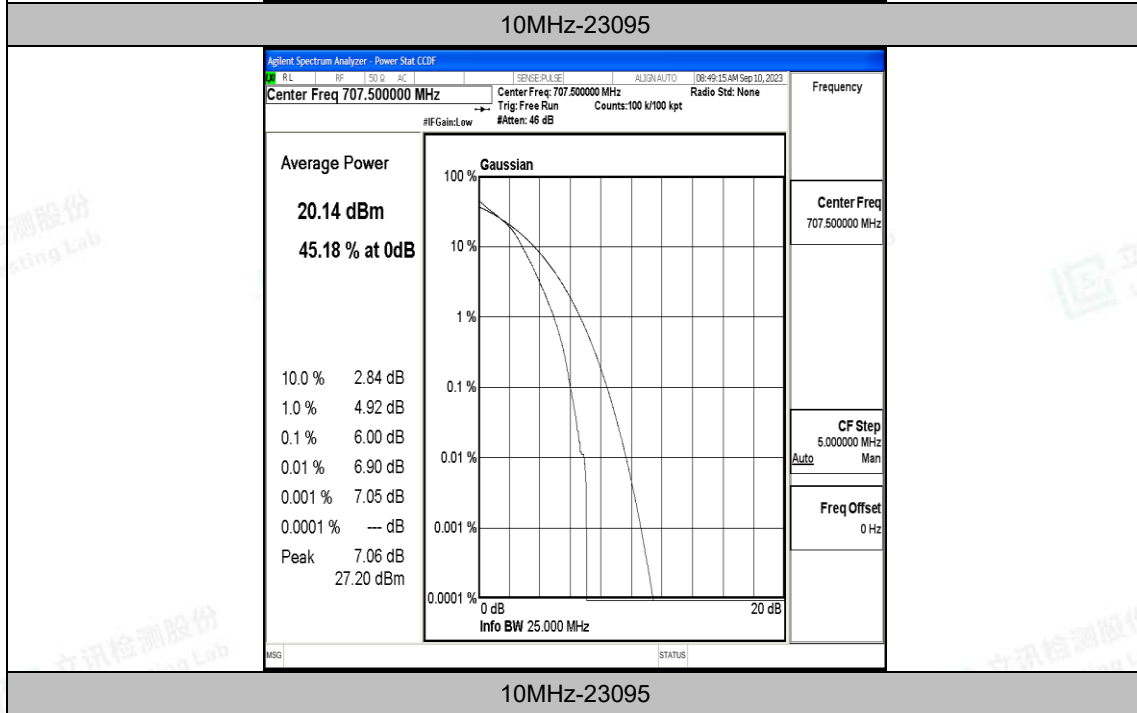
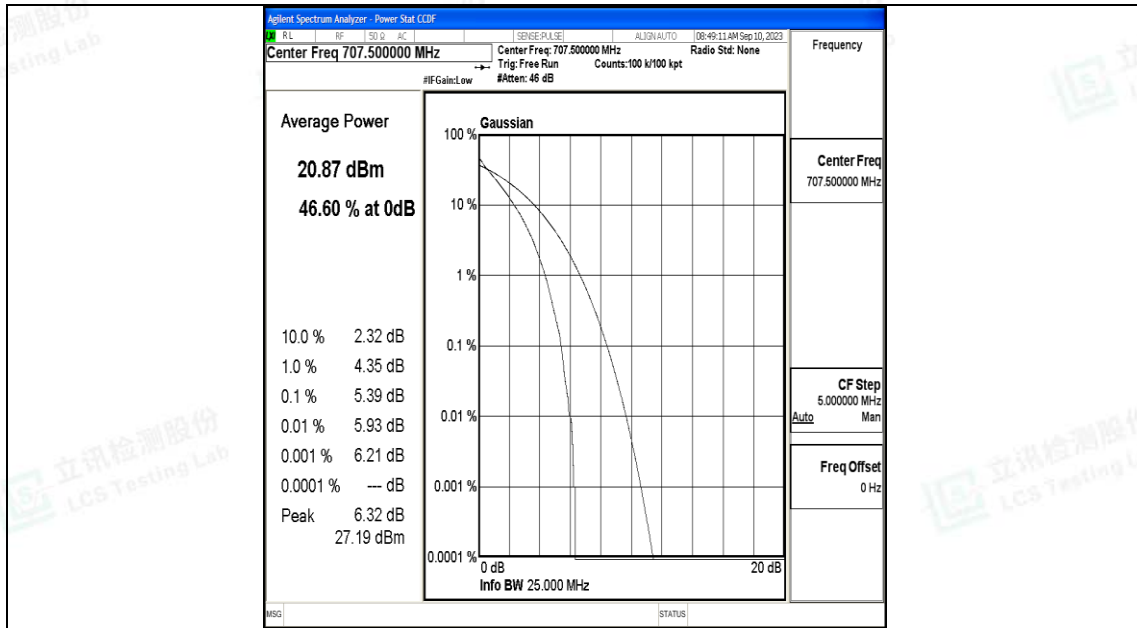


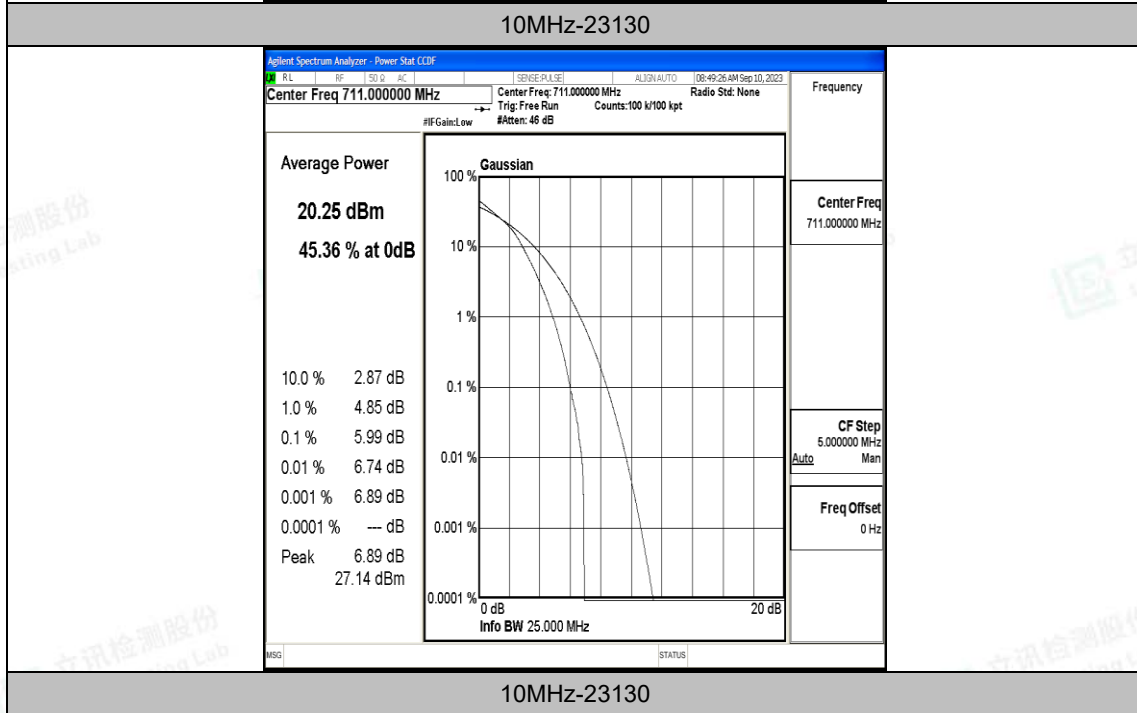
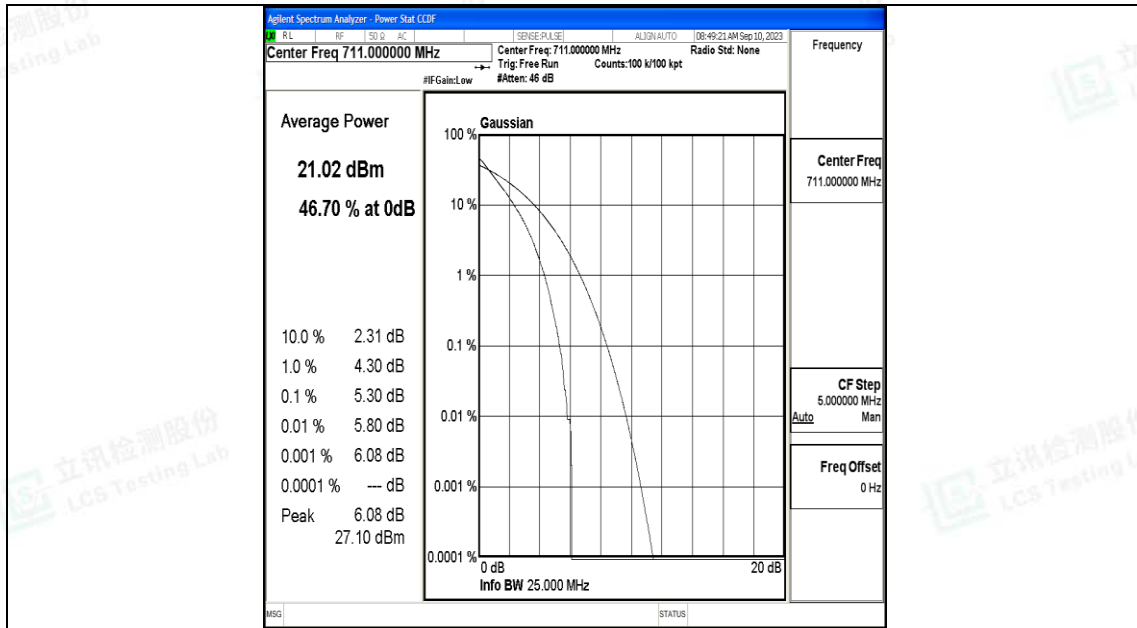
10MHz-23060



10MHz-23060









J.3 26dB Bandwidth and Occupied Bandwidth

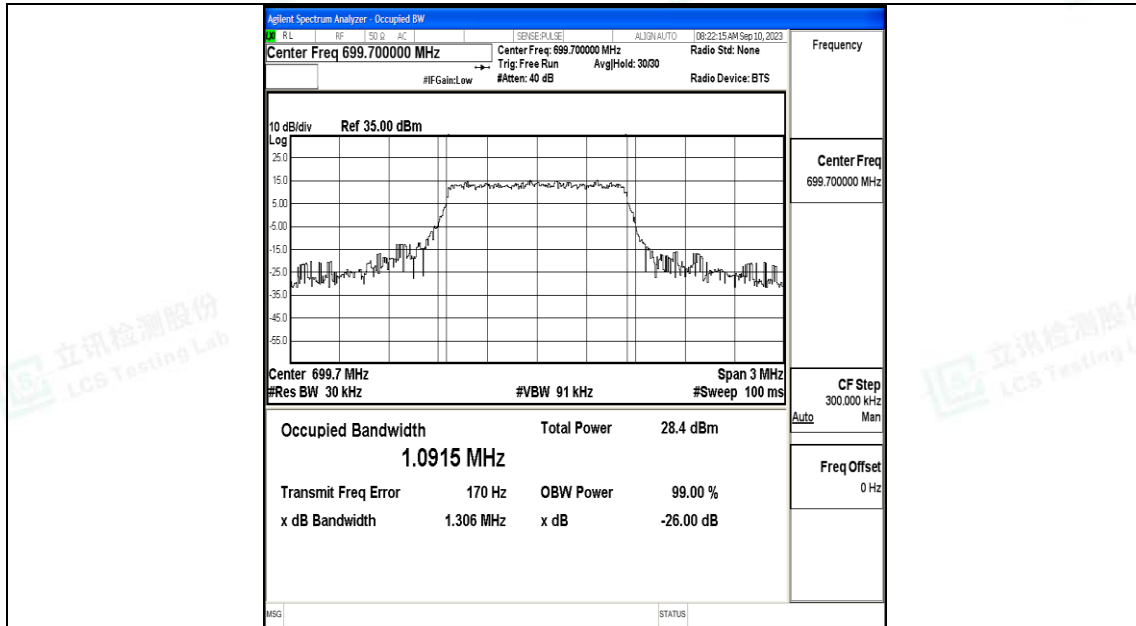
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	1.0915	1.306	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1.1089	1.322	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.0929	1.300	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.1025	1.289	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.1012	1.280	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1.1091	1.325	PASS
Band12	3MHz	QPSK	23025	15RB#0	2.7221	3.234	PASS
Band12	3MHz	16QAM	23025	15RB#0	2.7109	3.112	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.7104	3.272	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.7173	3.104	PASS
Band12	3MHz	QPSK	23165	15RB#0	2.7069	3.039	PASS
Band12	3MHz	16QAM	23165	15RB#0	2.7151	3.118	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.5299	5.317	PASS
Band12	5MHz	16QAM	23035	25RB#0	4.5214	5.301	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.5378	5.348	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.5284	5.315	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.5320	5.238	PASS
Band12	5MHz	16QAM	23155	25RB#0	4.5154	5.186	PASS
Band12	10MHz	QPSK	23060	50RB#0	8.9861	9.980	PASS
Band12	10MHz	16QAM	23060	50RB#0	8.9840	10.04	PASS
Band12	10MHz	QPSK	23095	50RB#0	9.0018	10.04	PASS
Band12	10MHz	16QAM	23095	50RB#0	9.0013	10.12	PASS
Band12	10MHz	QPSK	23130	50RB#0	8.9873	10.04	PASS
Band12	10MHz	16QAM	23130	50RB#0	8.9979	10.03	PASS

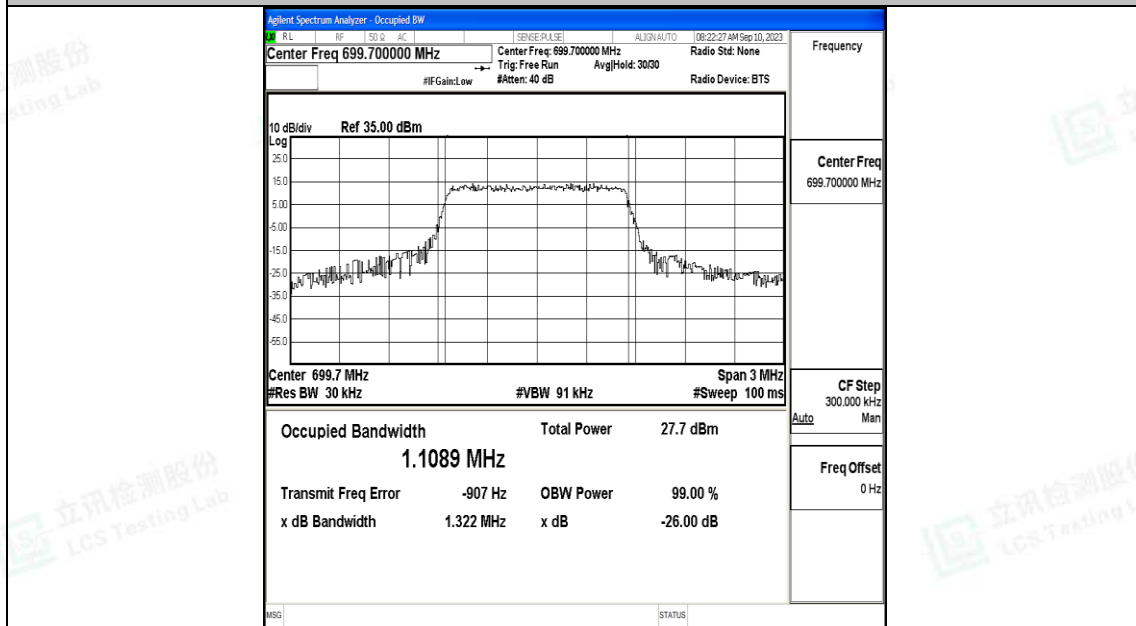




Test Graphs

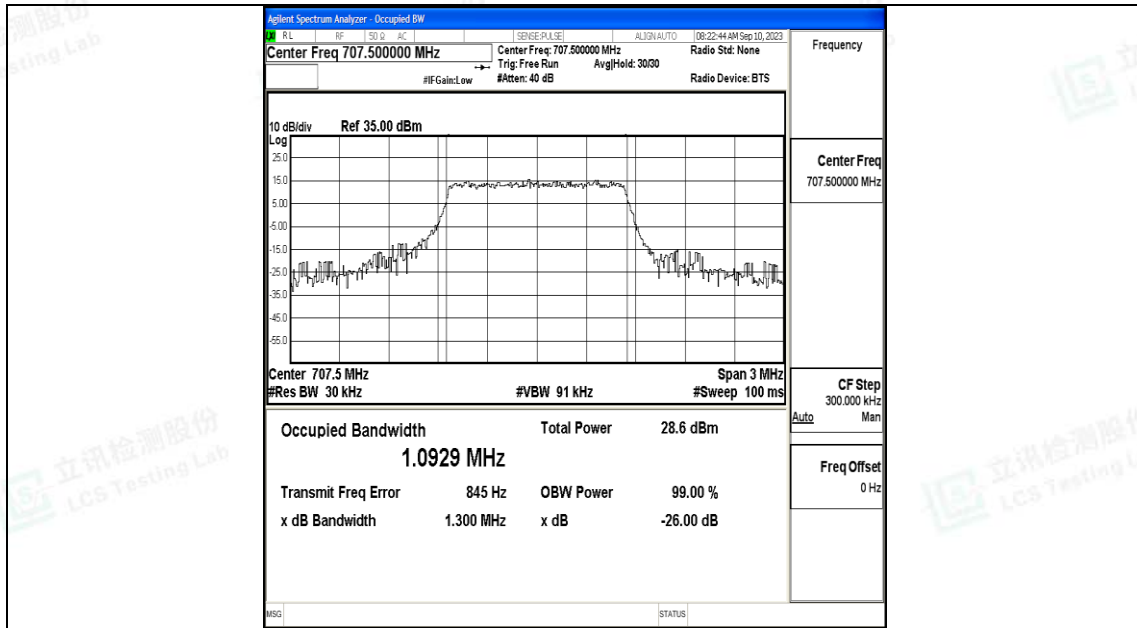


1.4MHz-23017

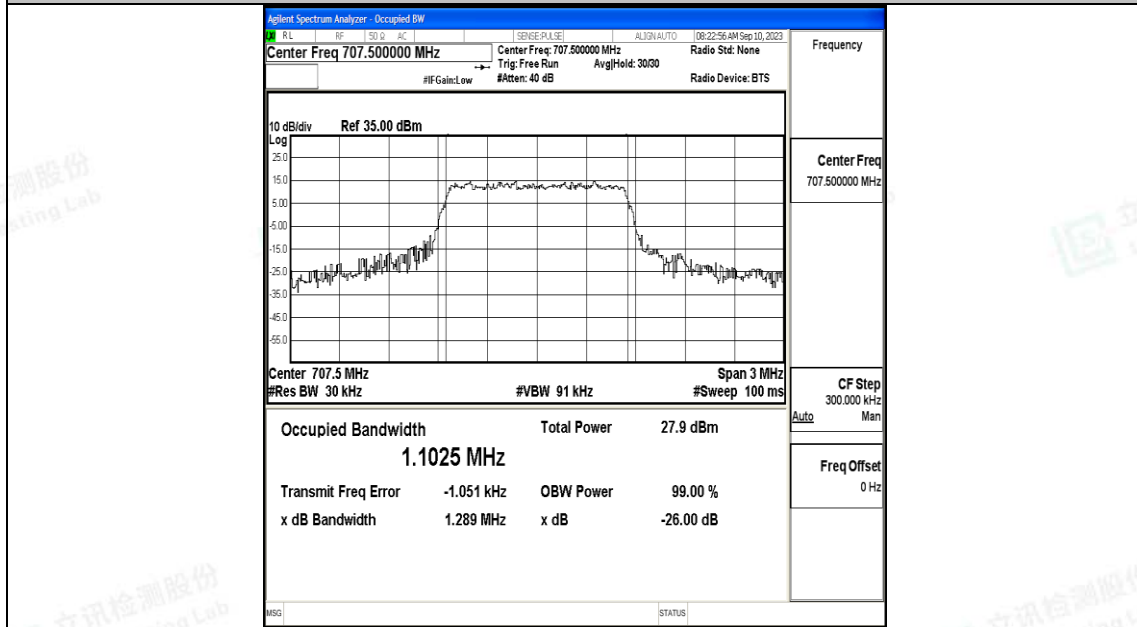


1.4MHz-23017



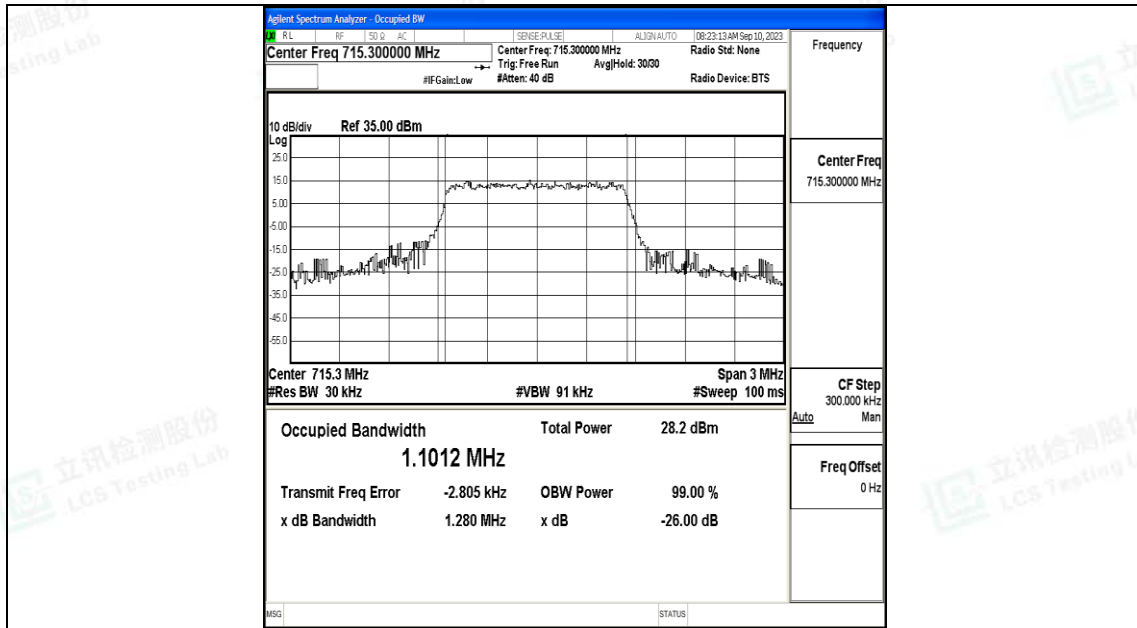


1.4MHz-23095

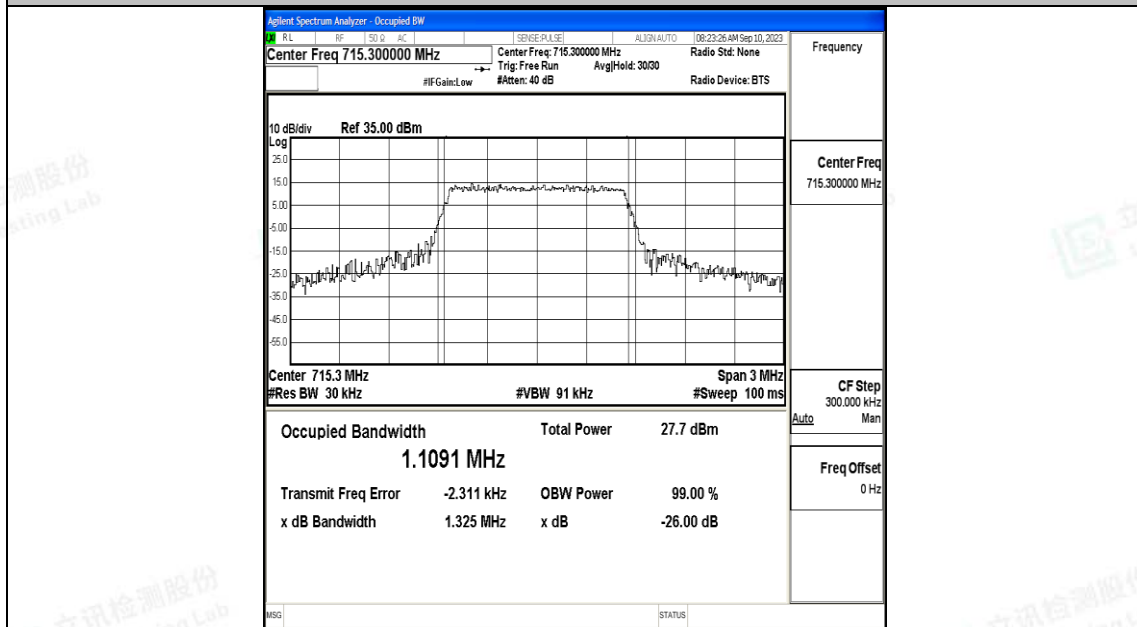


1.4MHz-23095



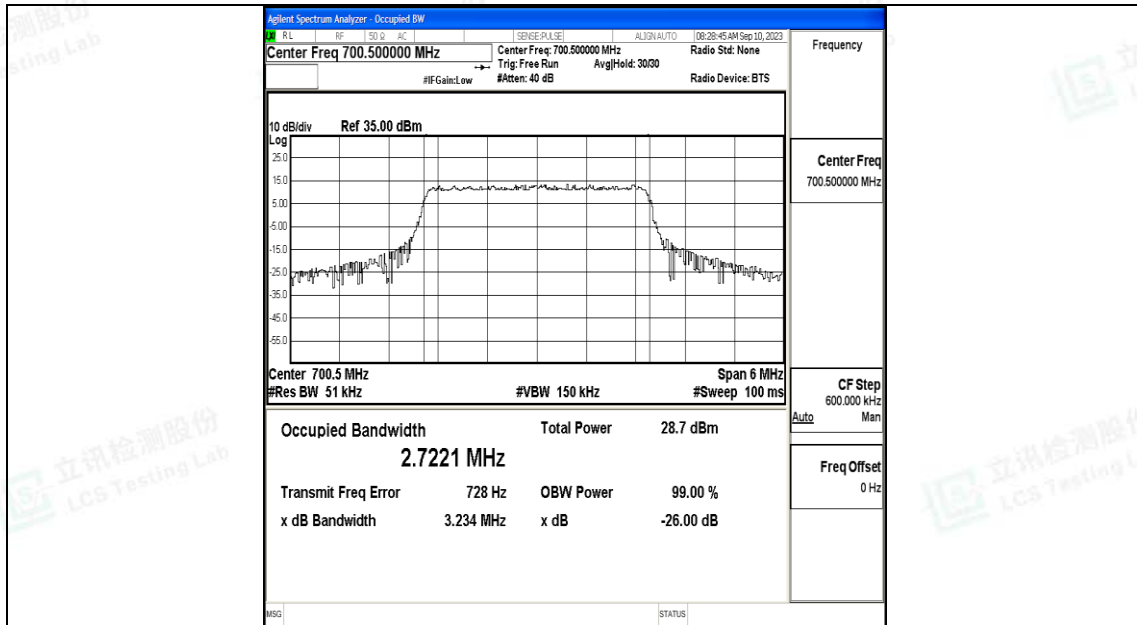


1.4MHz-23173

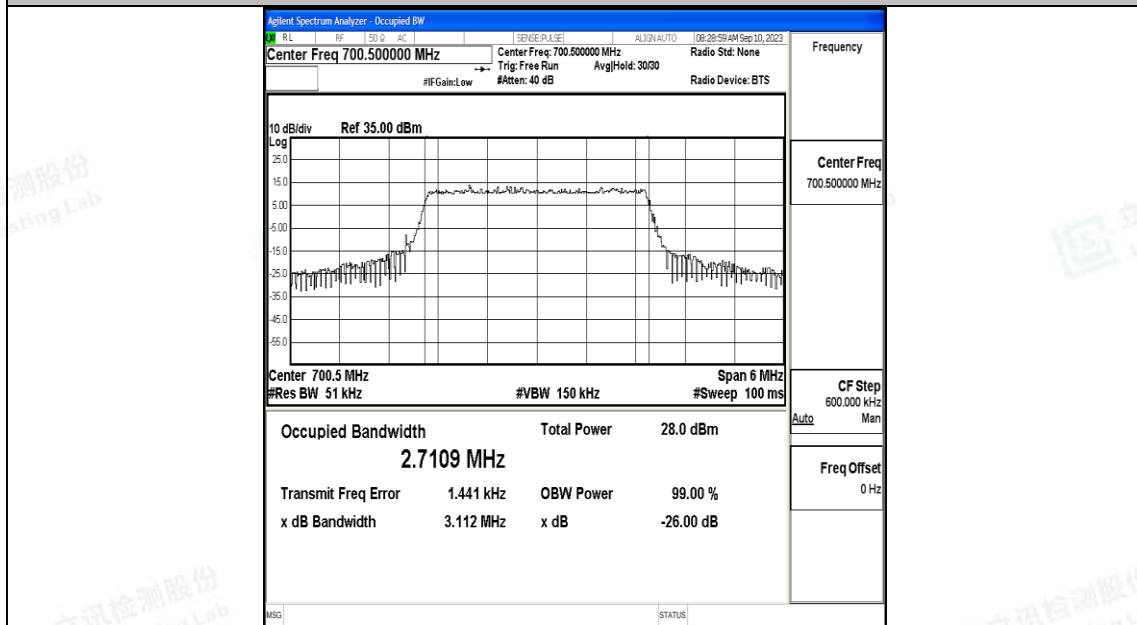


1.4MHz-23173



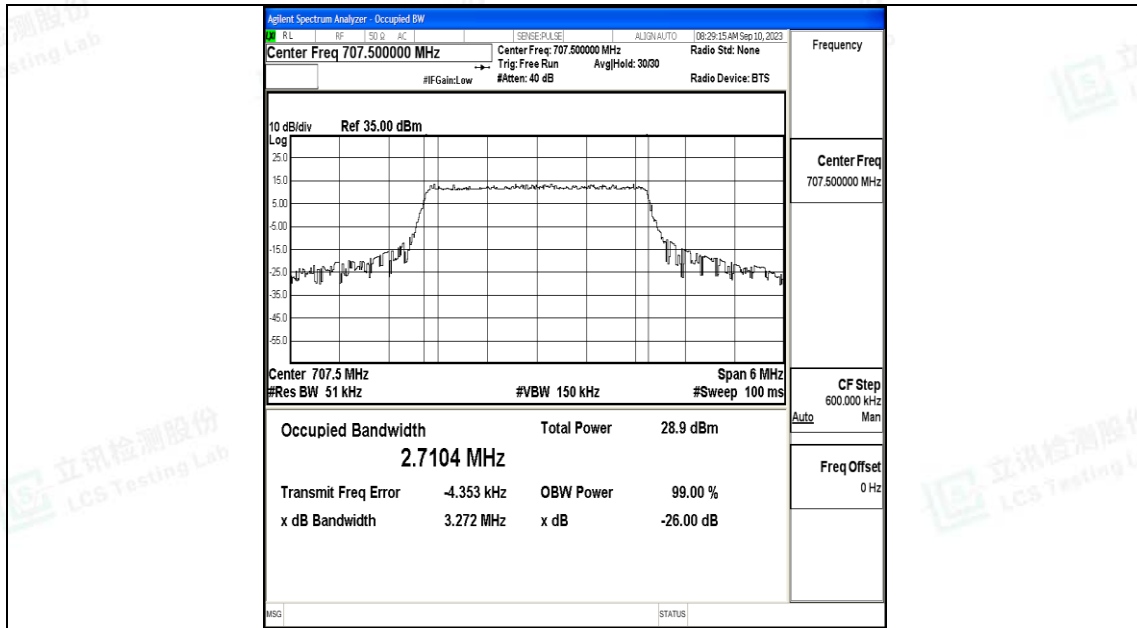


3MHz-23025

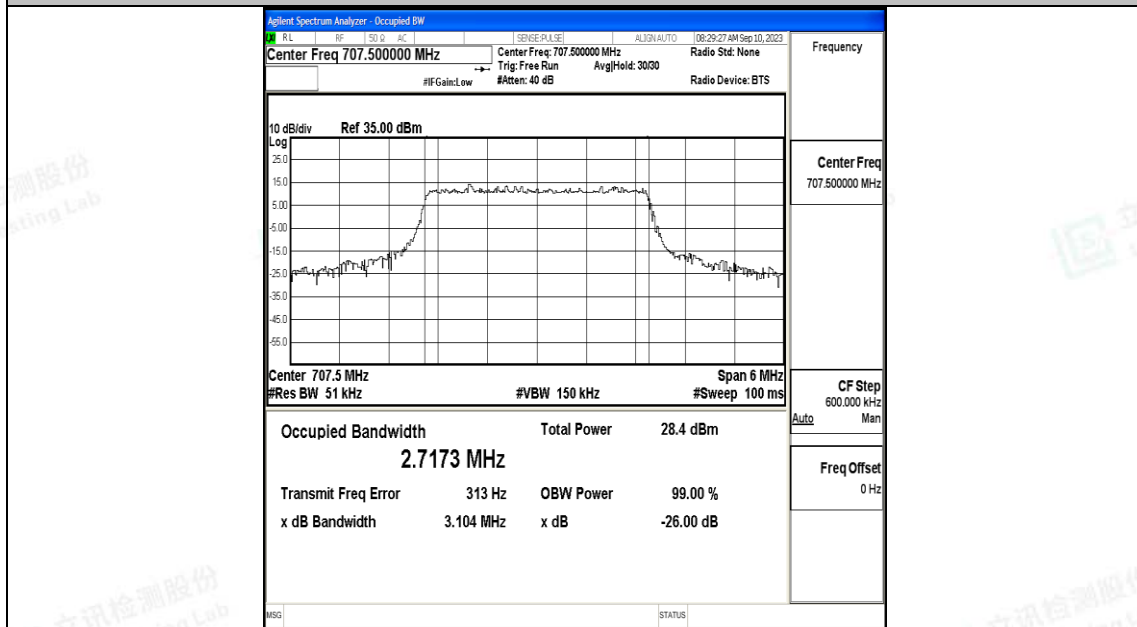


3MHz-23025



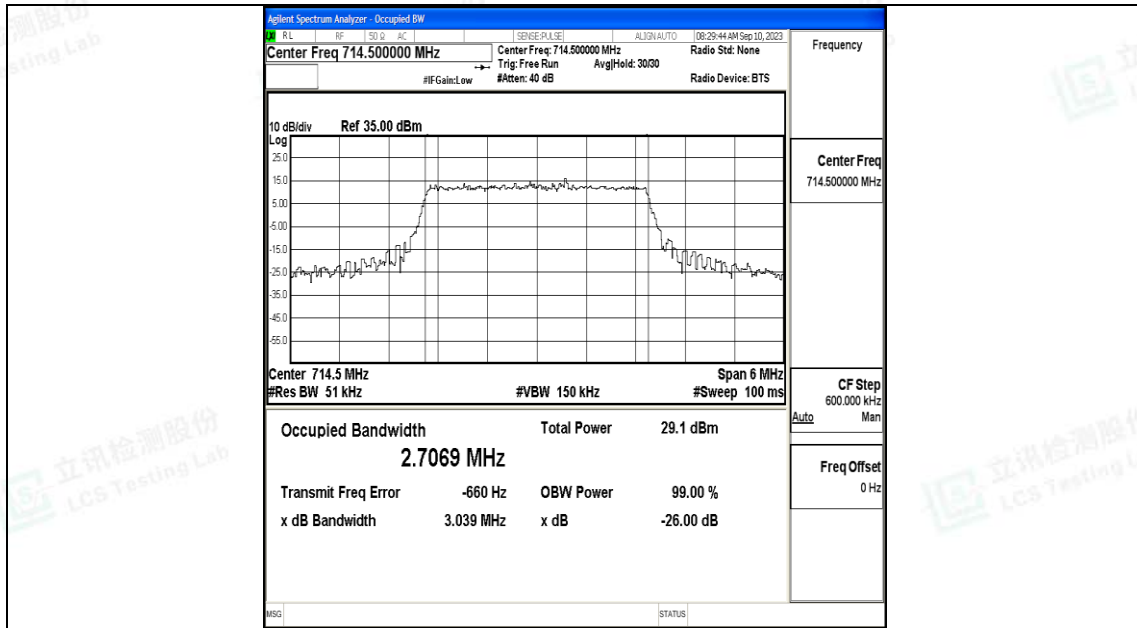


3MHz-23095

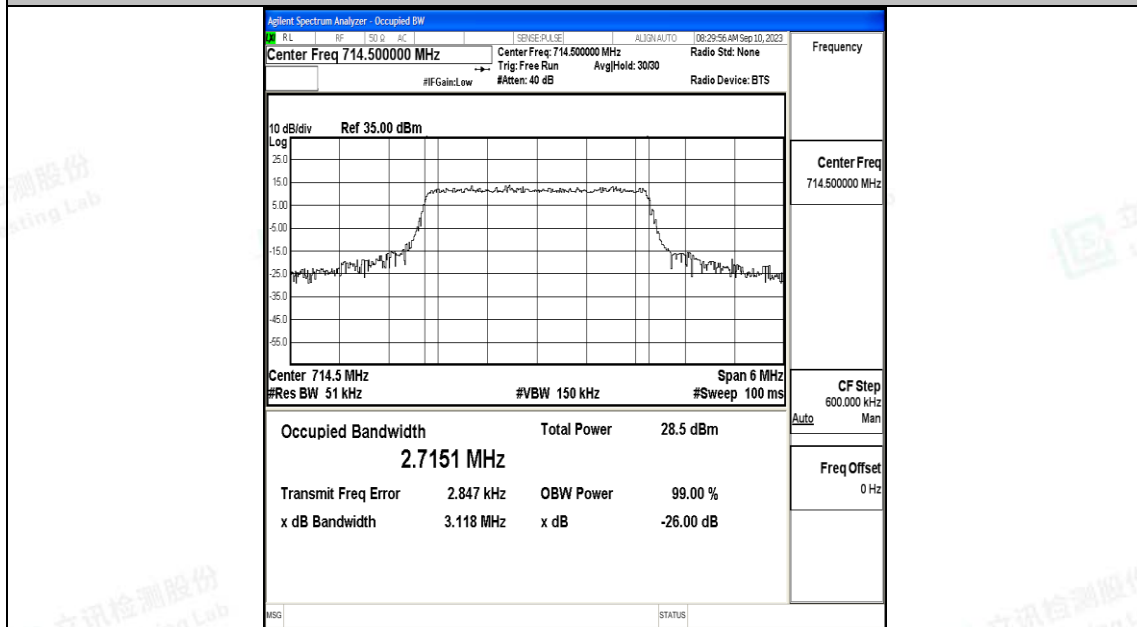


3MHz-23095



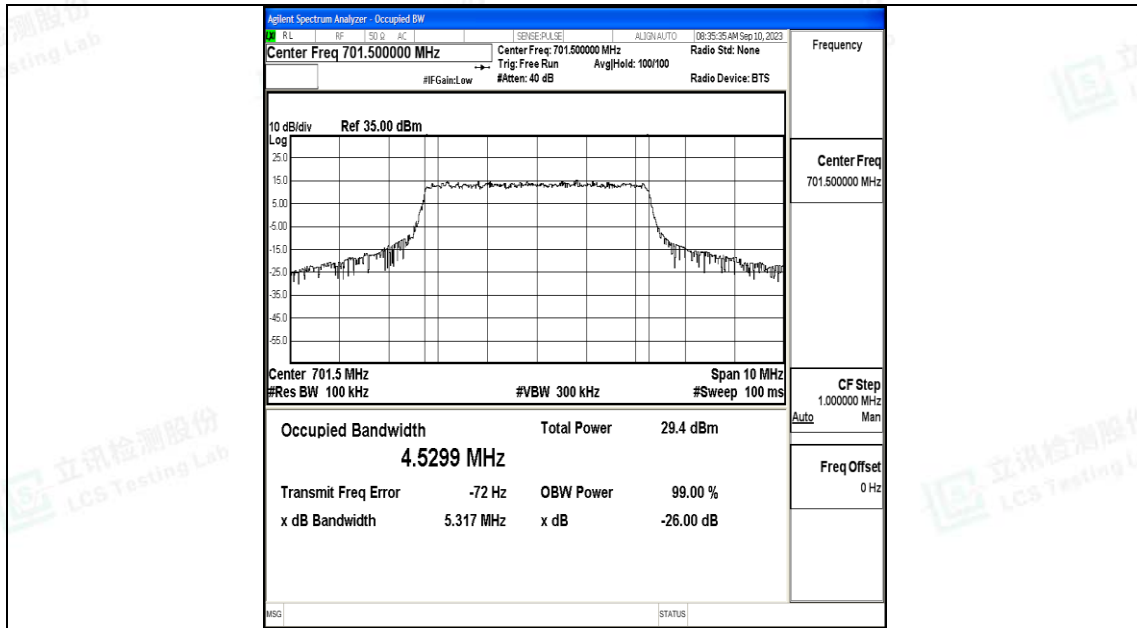


3MHz-23165

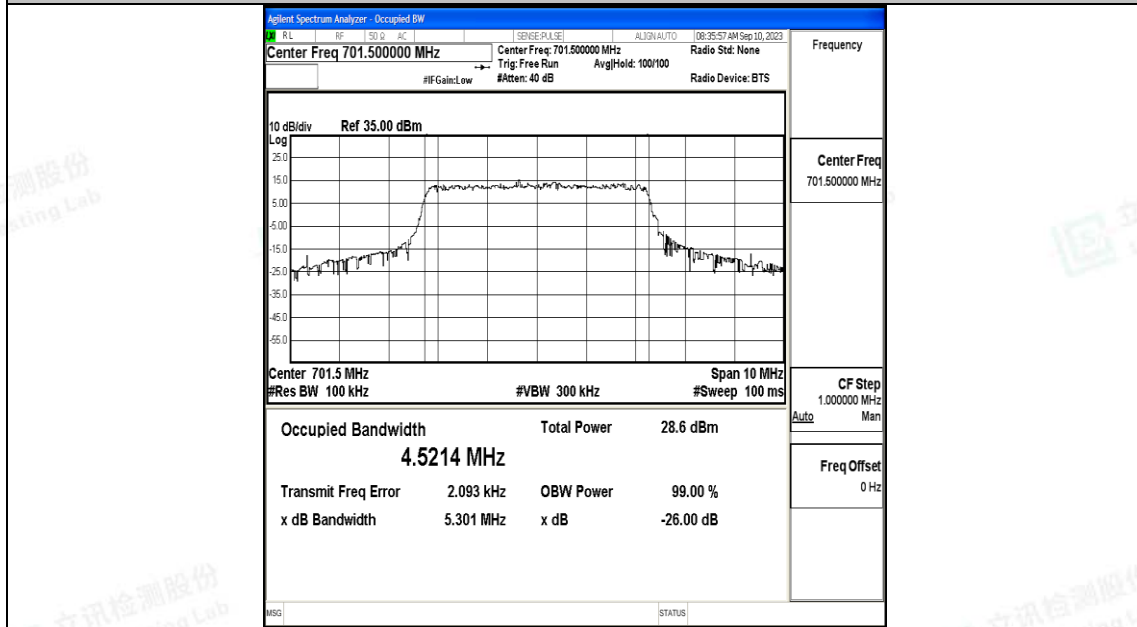


3MHz-23165



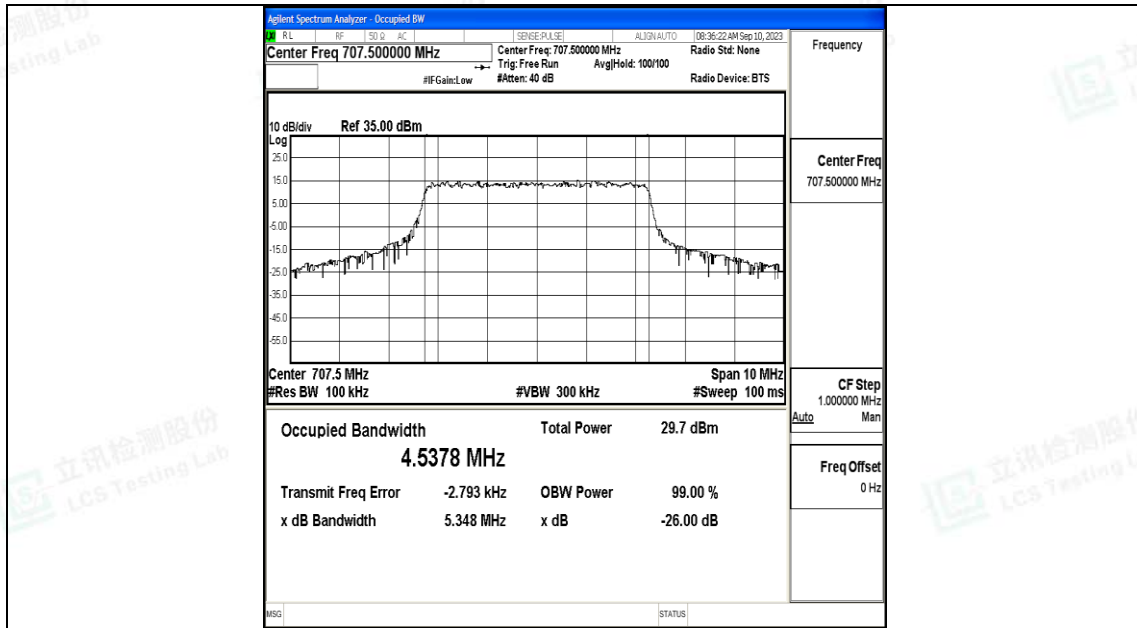


5MHz-23035

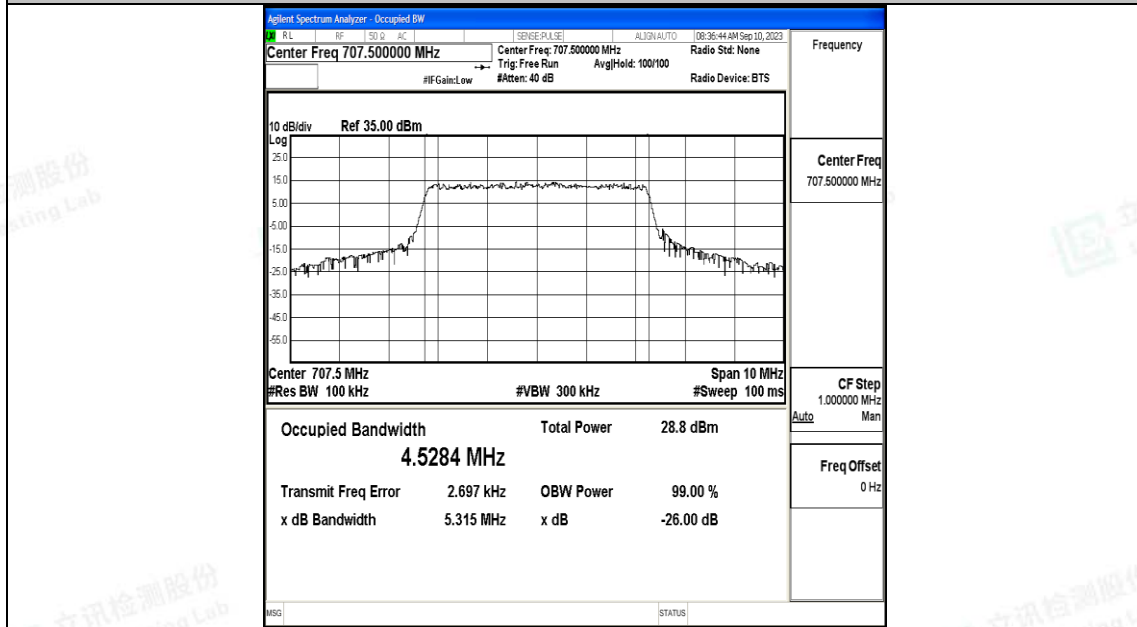


5MHz-23035



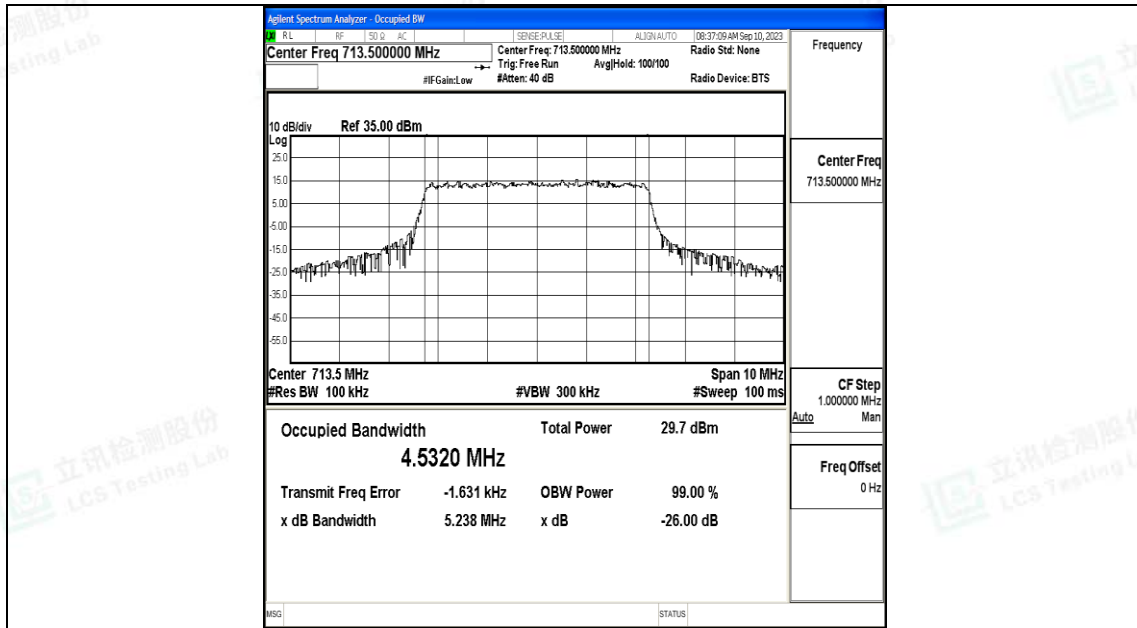


5MHz-23095

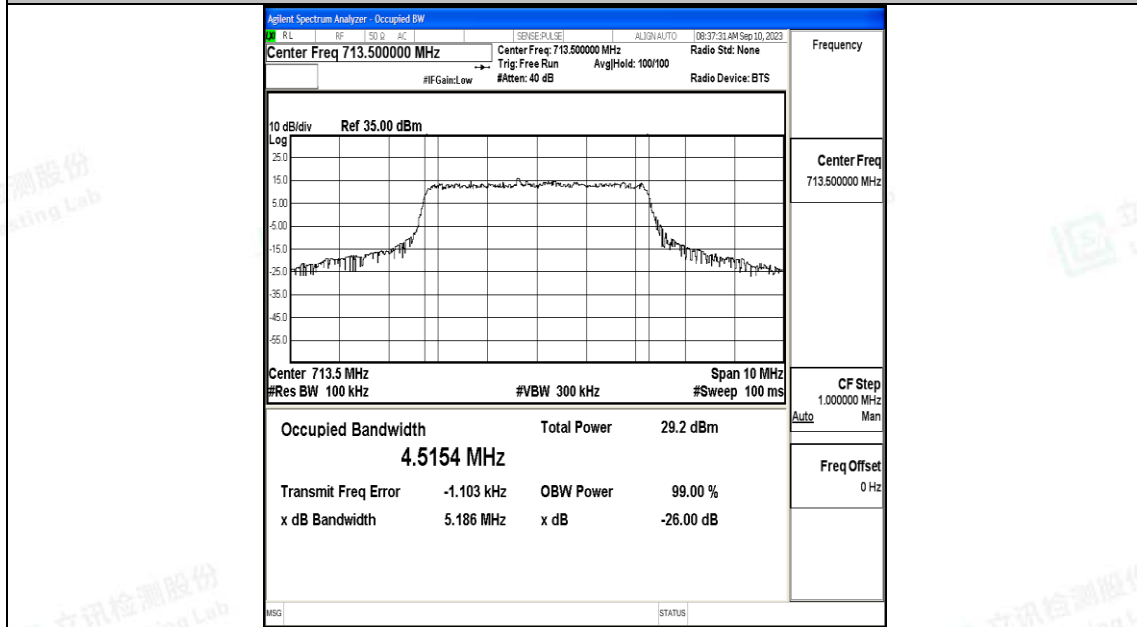


5MHz-23095



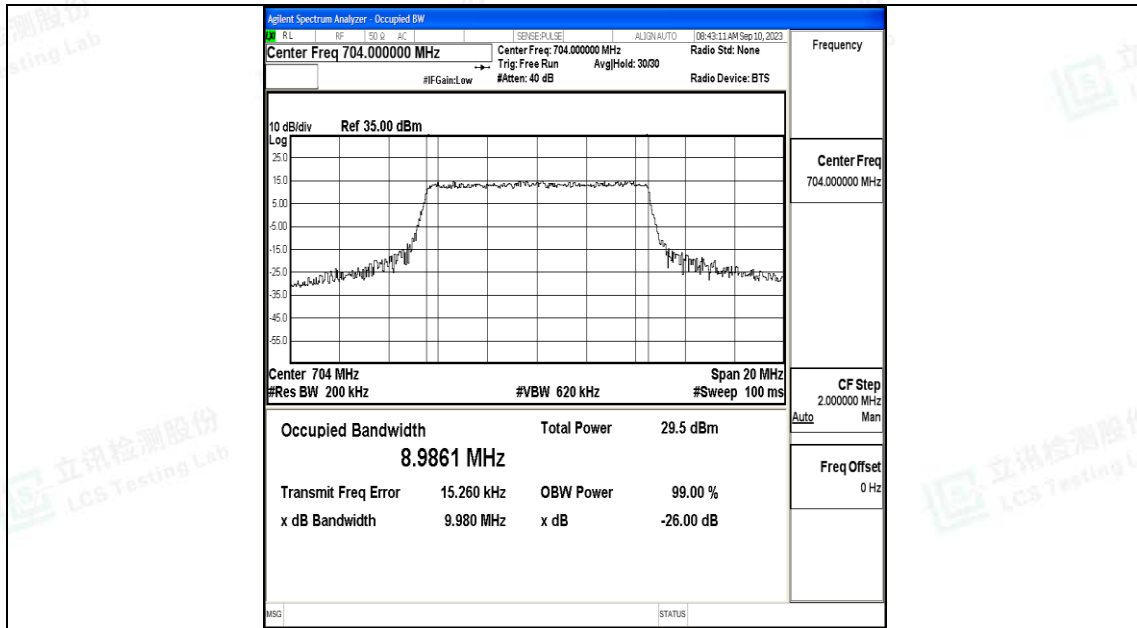


5MHz-23155

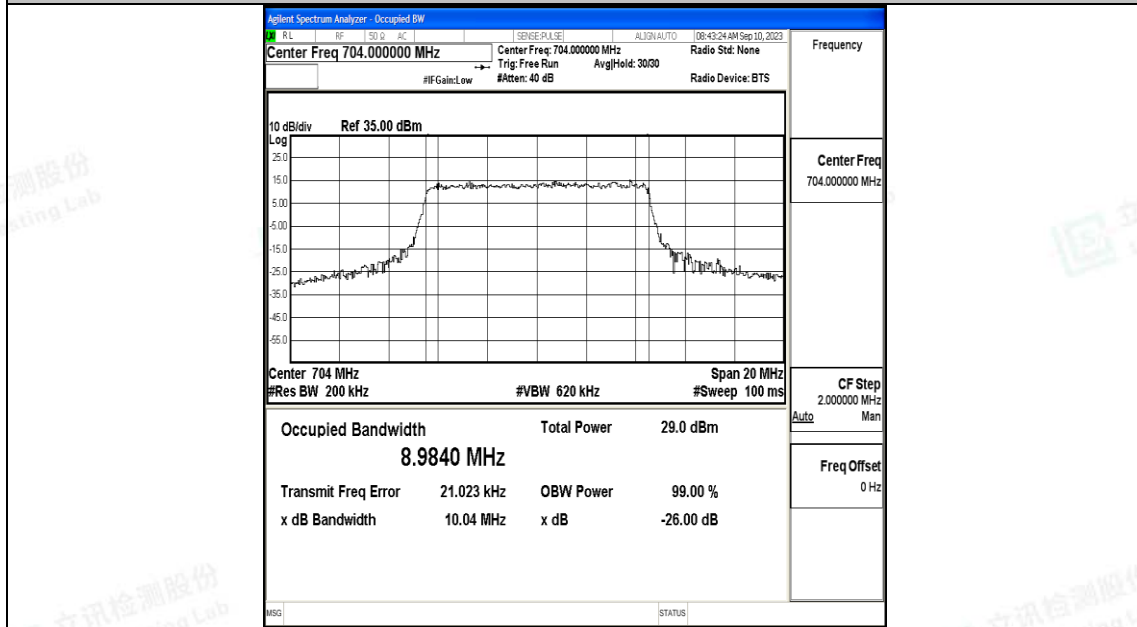


5MHz-23155



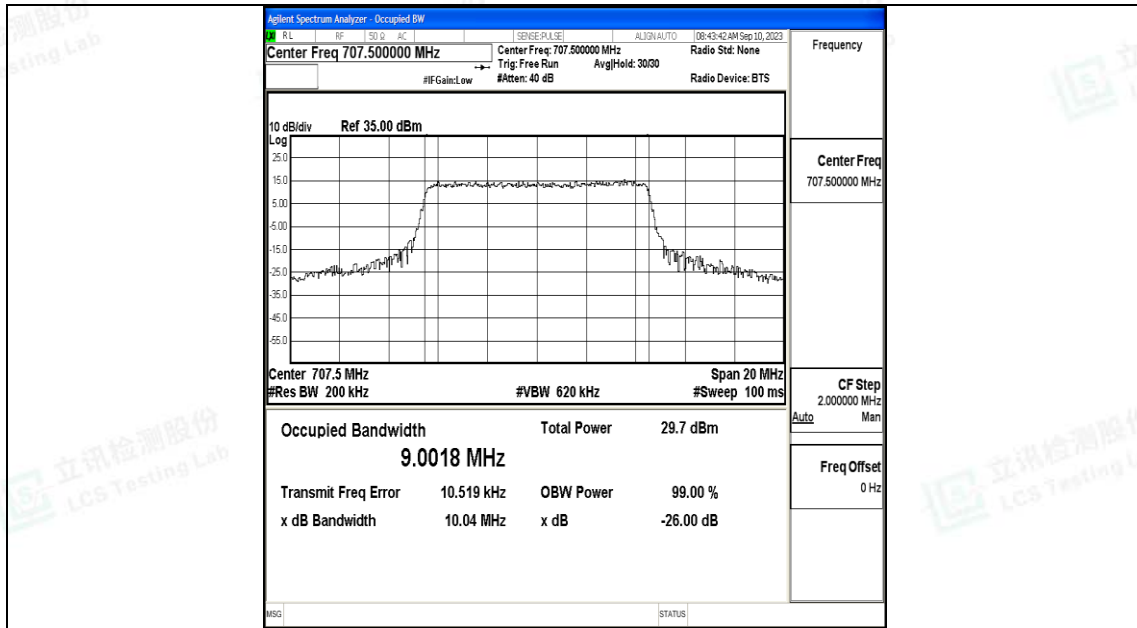


10MHz-23060

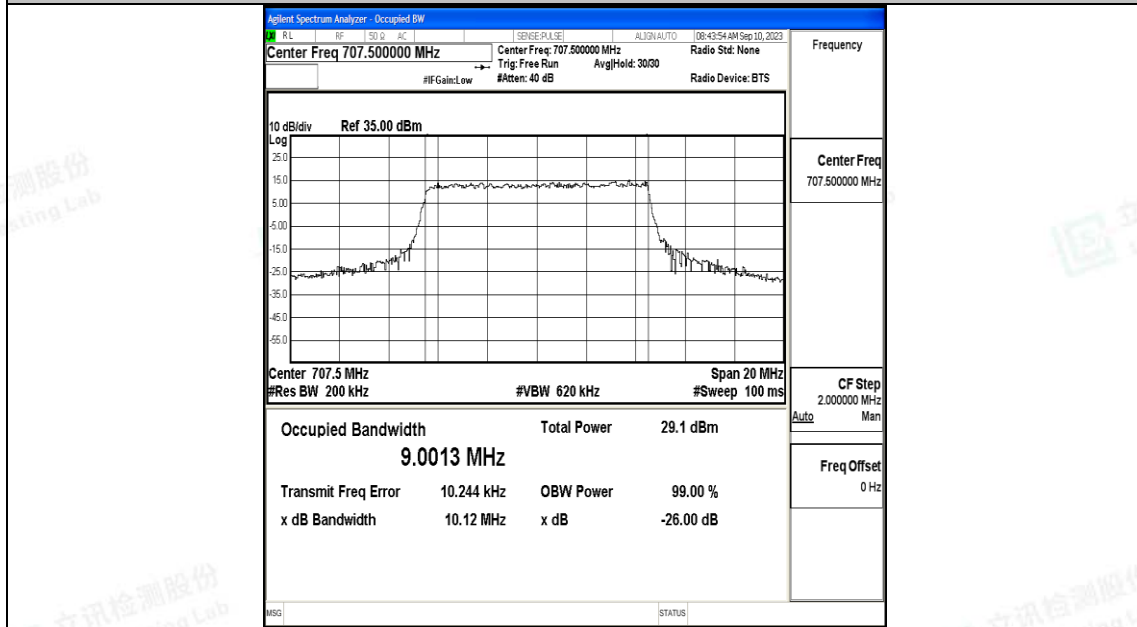


10MHz-23060



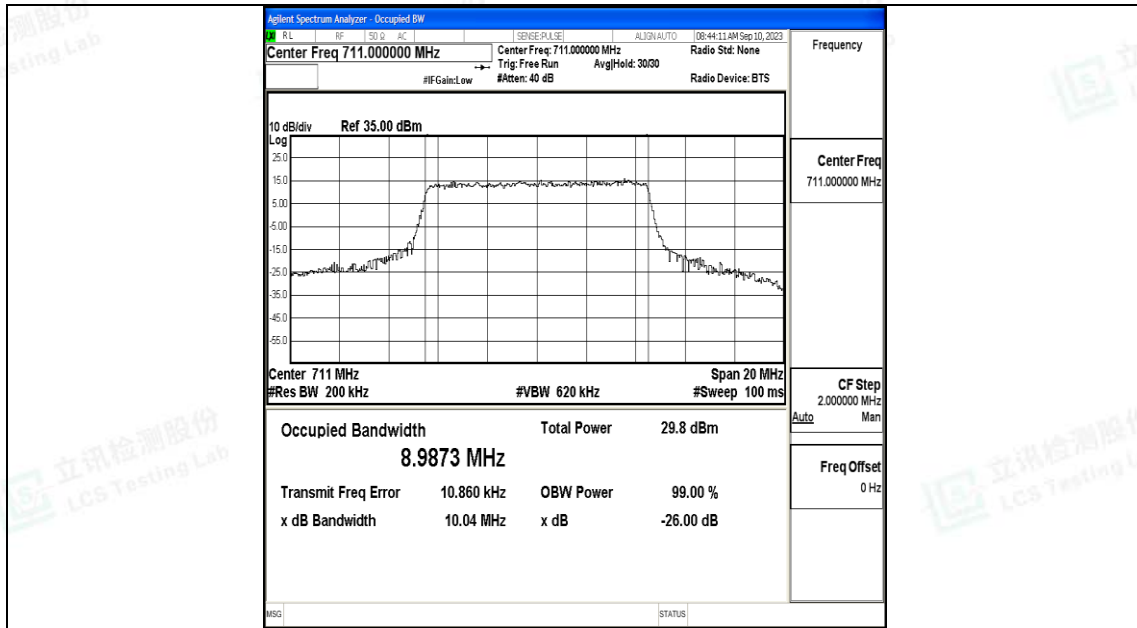


10MHz-23095

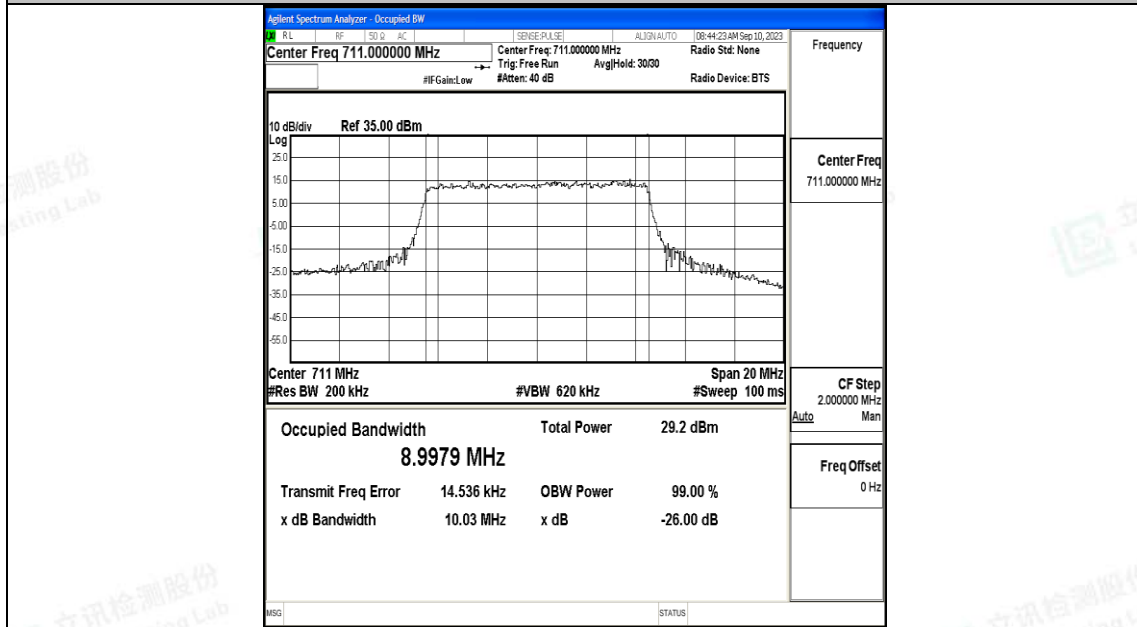


10MHz-23095





10MHz-23130



10MHz-23130



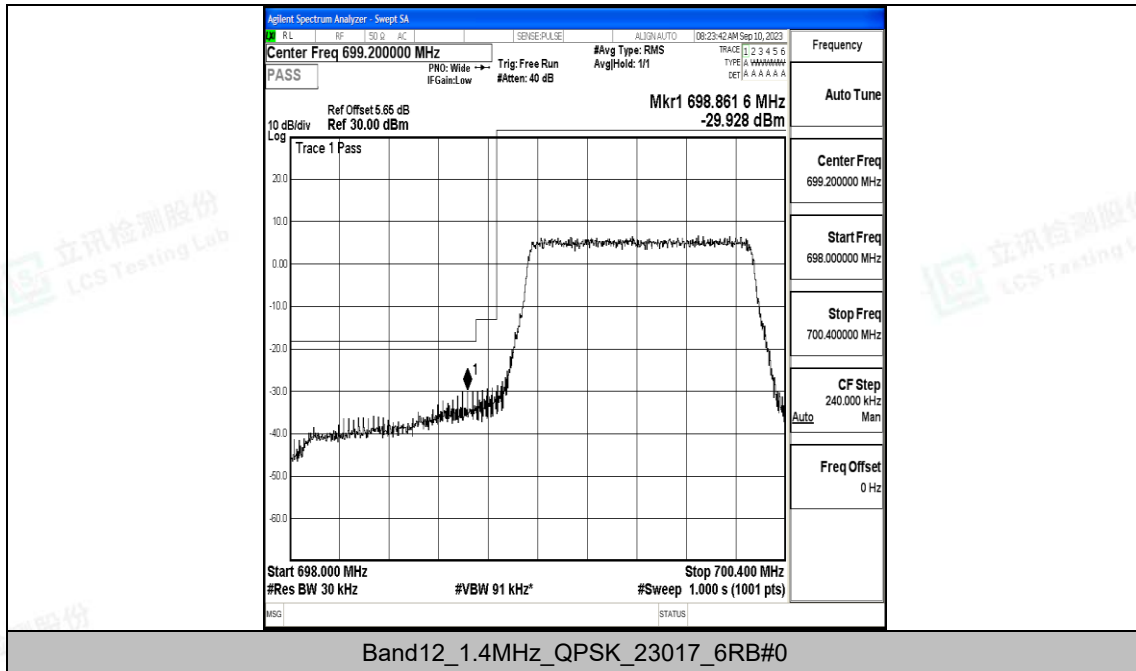


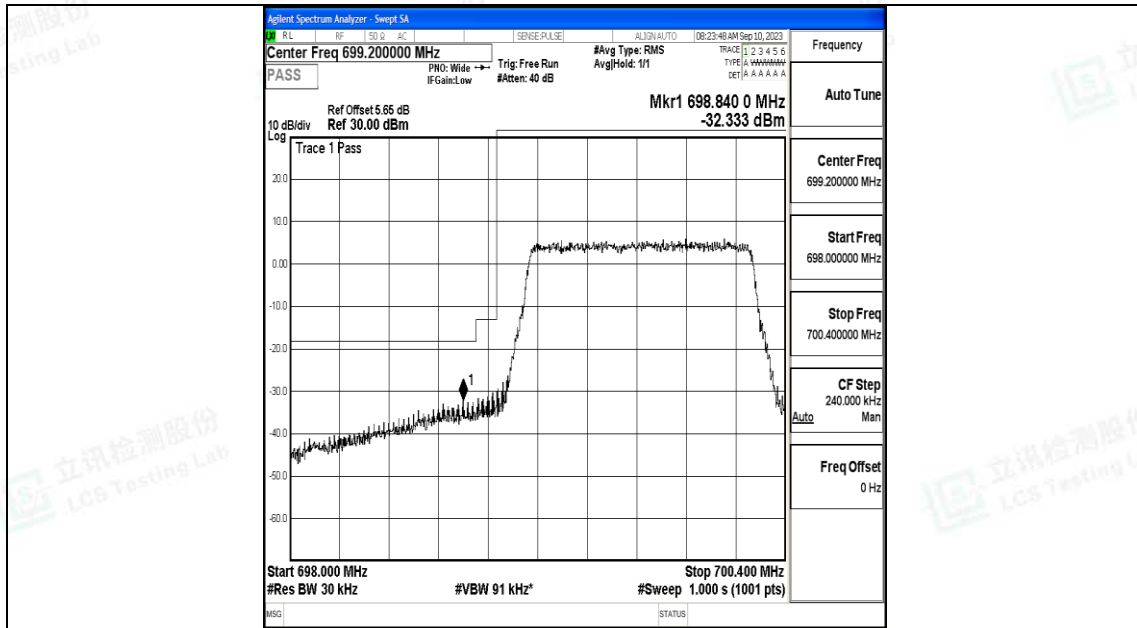
J.4 Band Edge

Test Result

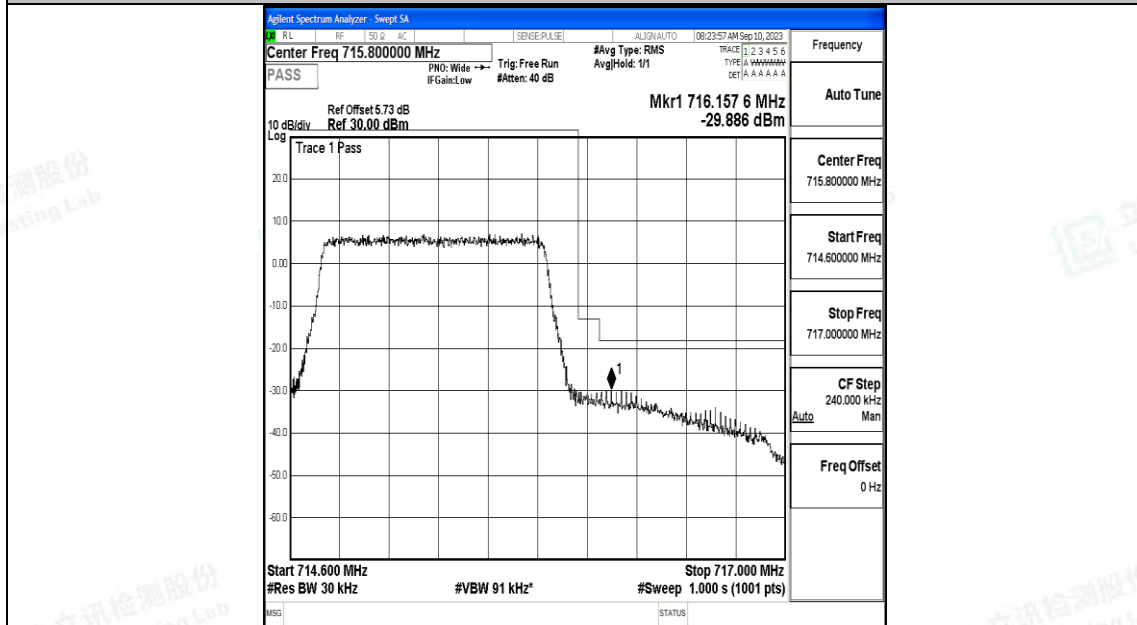
Band	Bandwidth	Modulation	Channel	RB Configuration	Peak Frequency	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	698.86	-29.93	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	698.84	-32.33	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	716.16	-29.89	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	716.12	-29.51	PASS
Band12	3MHz	QPSK	23025	15RB#0	699.00	-26.40	PASS
Band12	3MHz	16QAM	23025	15RB#0	699.00	-27.15	PASS
Band12	3MHz	QPSK	23165	15RB#0	716.00	-25.18	PASS
Band12	3MHz	16QAM	23165	15RB#0	716.00	-26.50	PASS
Band12	5MHz	QPSK	23035	25RB#0	698.83	-36.26	PASS
Band12	5MHz	16QAM	23035	25RB#0	698.88	-36.66	PASS
Band12	5MHz	QPSK	23155	25RB#0	716.11	-36.38	PASS
Band12	5MHz	16QAM	23155	25RB#0	716.15	-36.31	PASS
Band12	10MHz	QPSK	23060	50RB#0	698.59	-41.24	PASS
Band12	10MHz	16QAM	23060	50RB#0	698.87	-41.17	PASS
Band12	10MHz	QPSK	23130	50RB#0	716.14	-41.54	PASS
Band12	10MHz	16QAM	23130	50RB#0	716.16	-41.46	PASS

Test Graphs



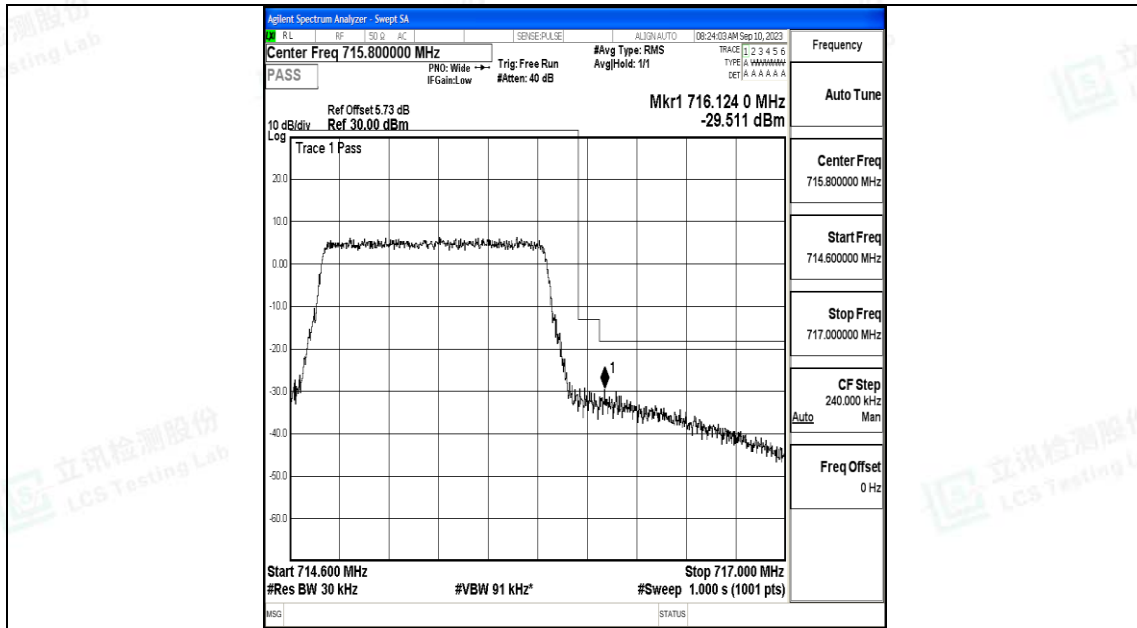


Band12_1.4MHz_16QAM_23017_6RB#0

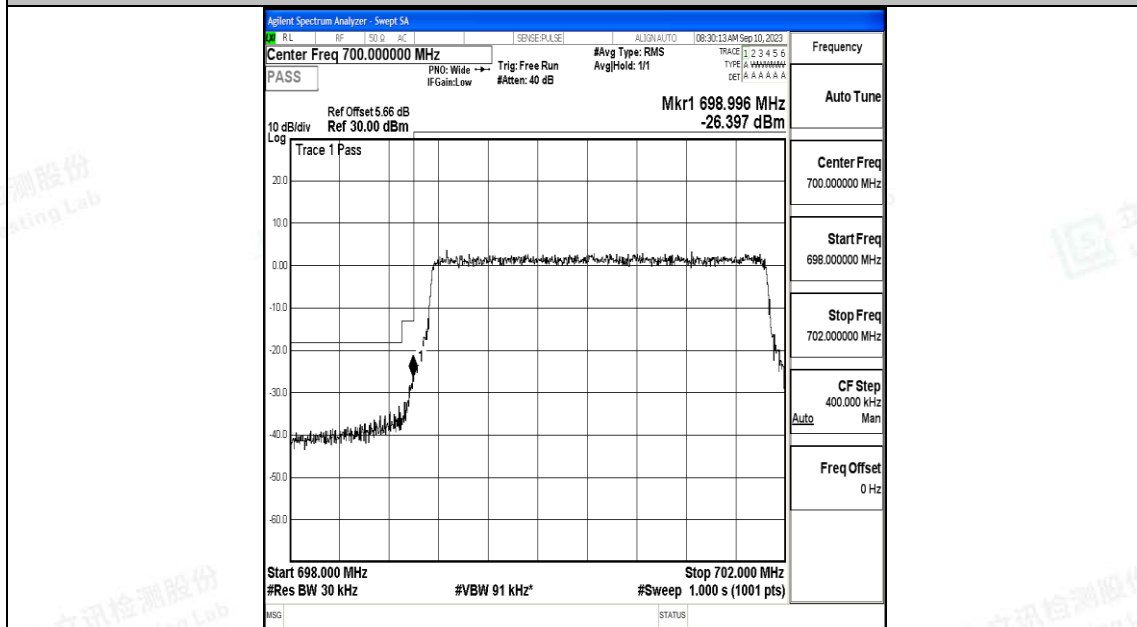


Band12_1.4MHz_QPSK_23173_6RB#0



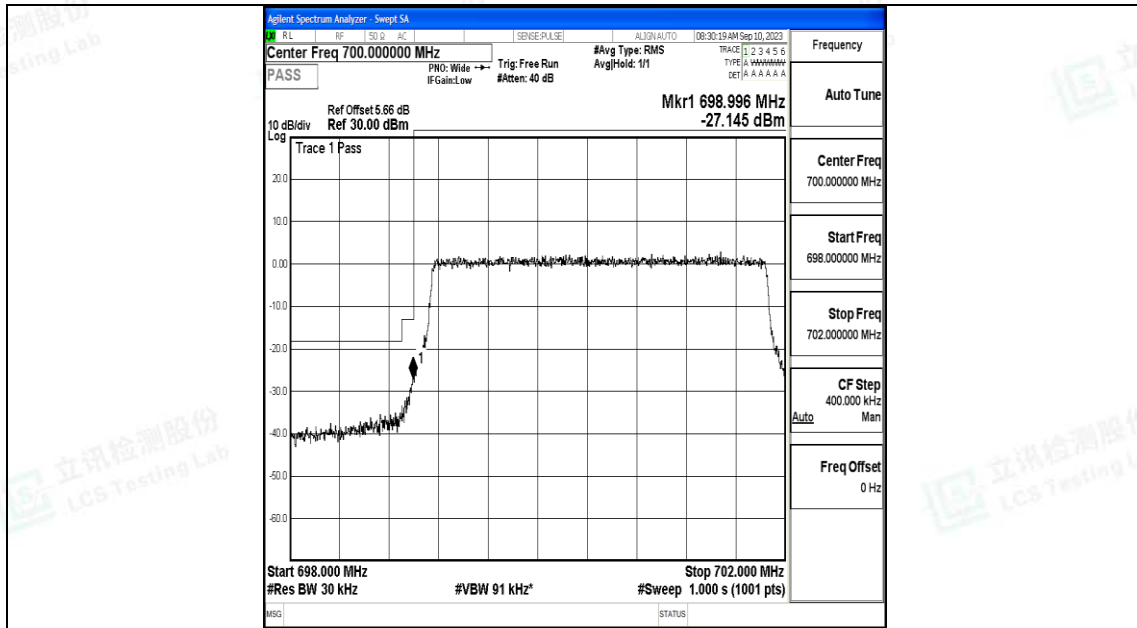


Band12_1.4MHz_16QAM_23173_6RB#0

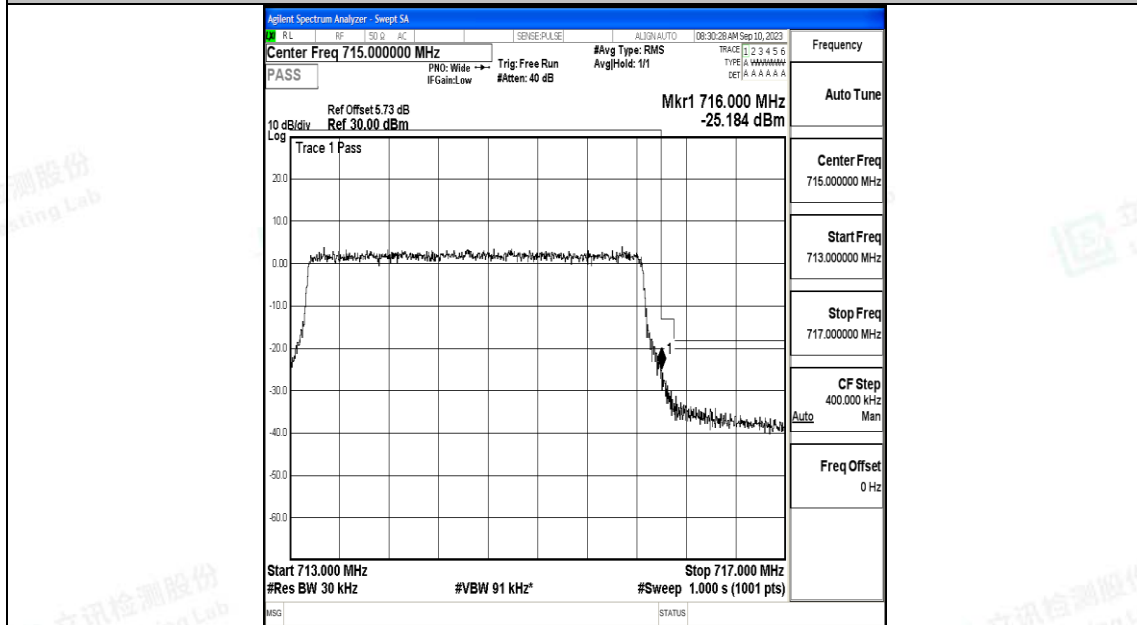


Band12_3MHz_QPSK_23025_15RB#0



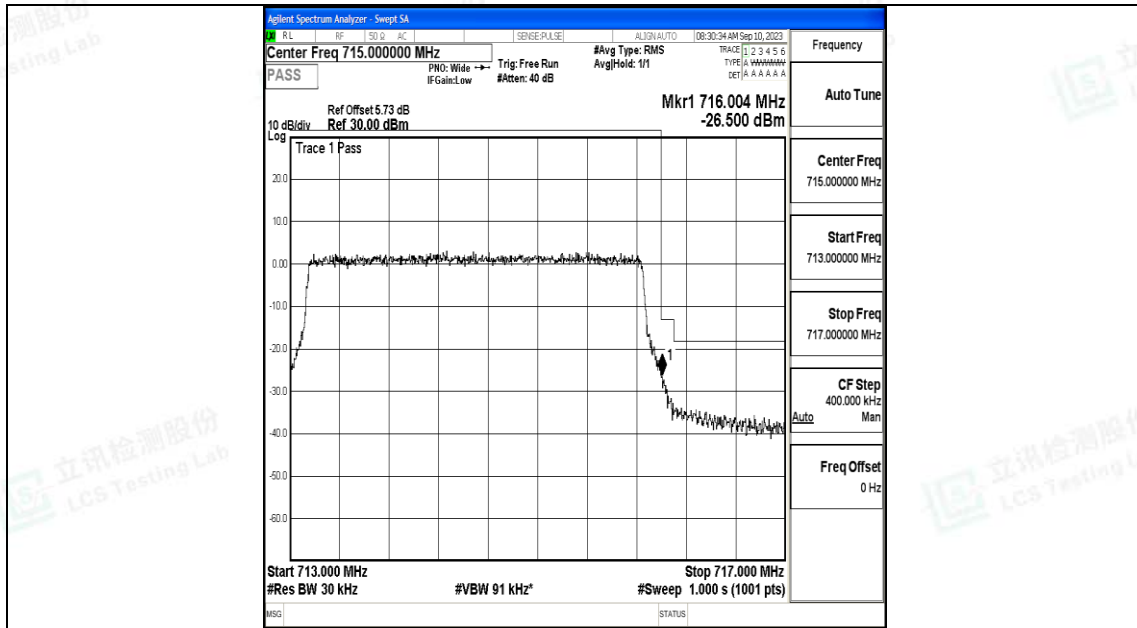


Band12_3MHz_16QAM_23025_15RB#0

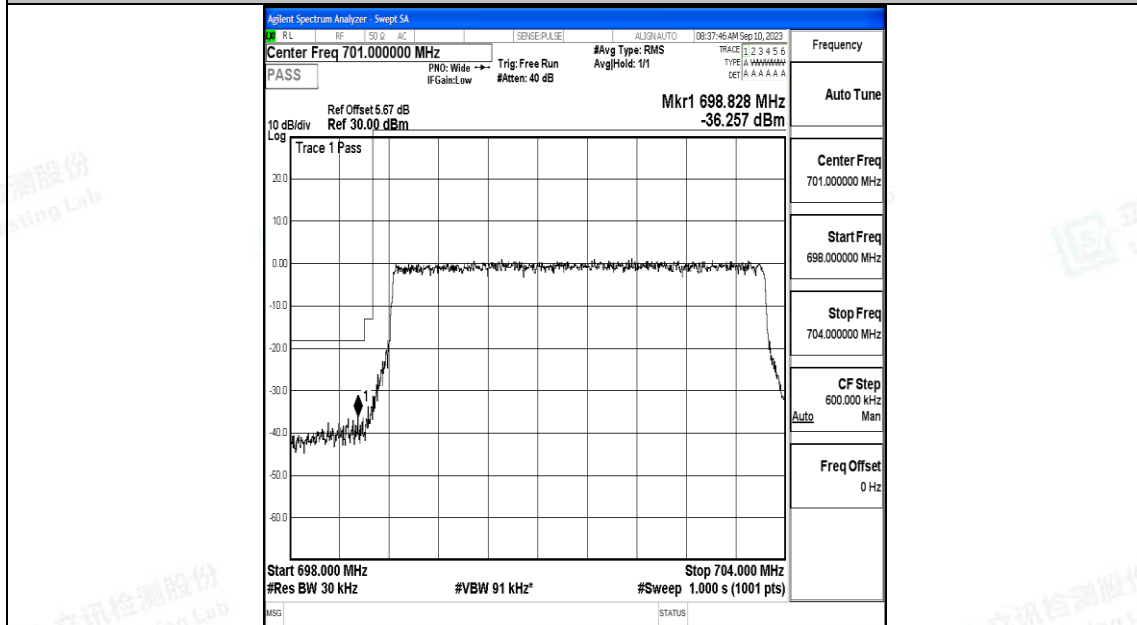


Band12_3MHz_QPSK_23165_15RB#0



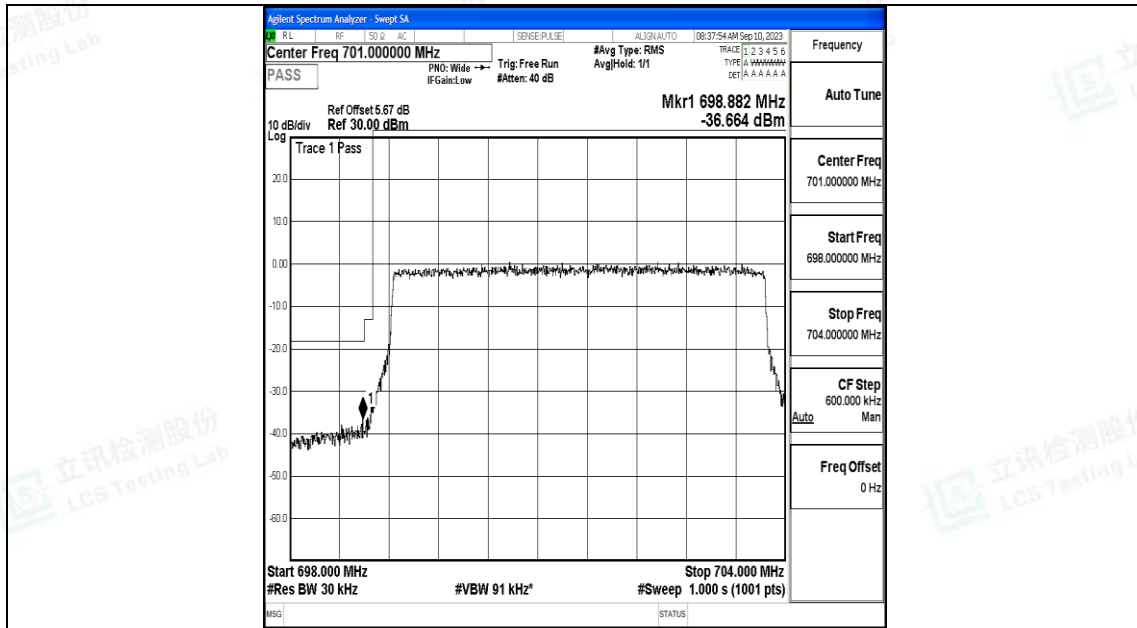


Band12_3MHz_16QAM_23165_15RB#0

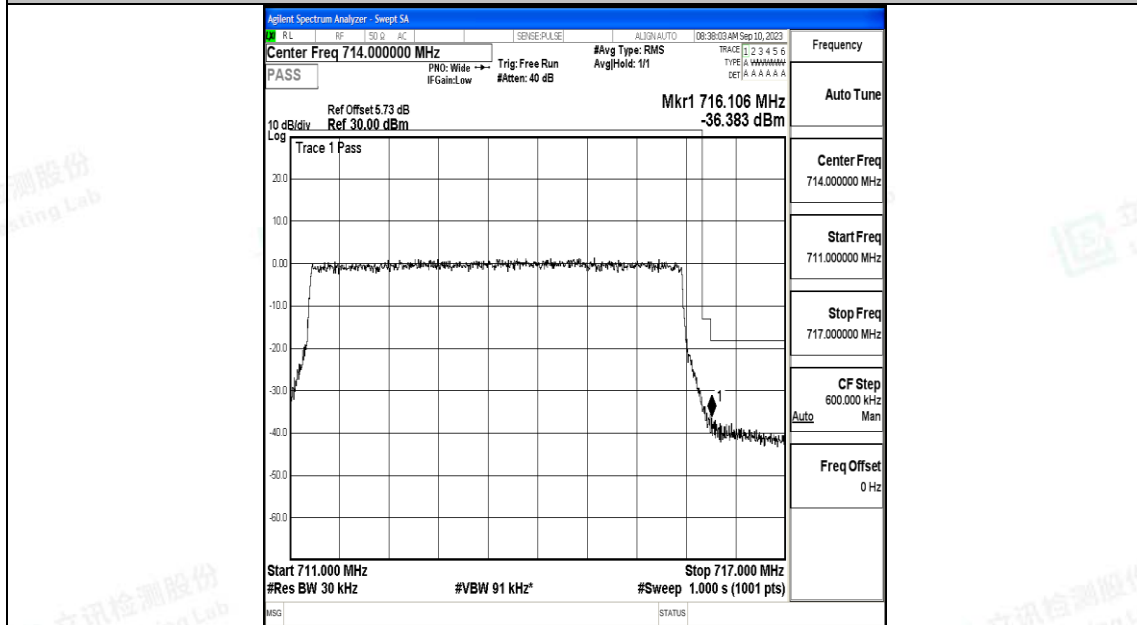


Band12_5MHz_QPSK_23035_25RB#0



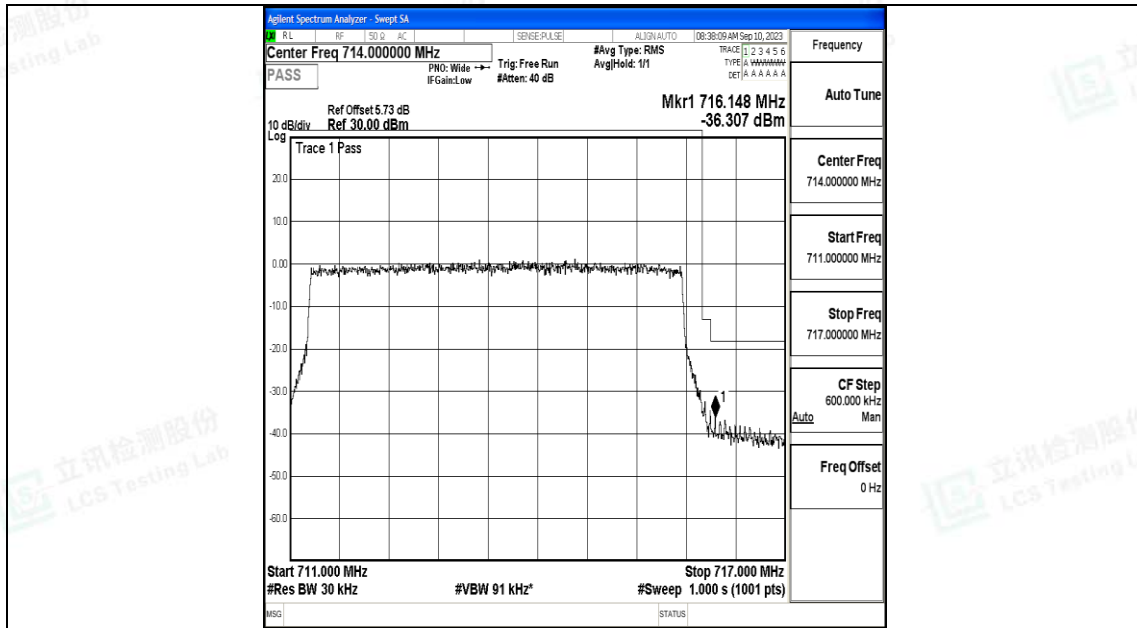


Band12_5MHz_16QAM_23035_25RB#0

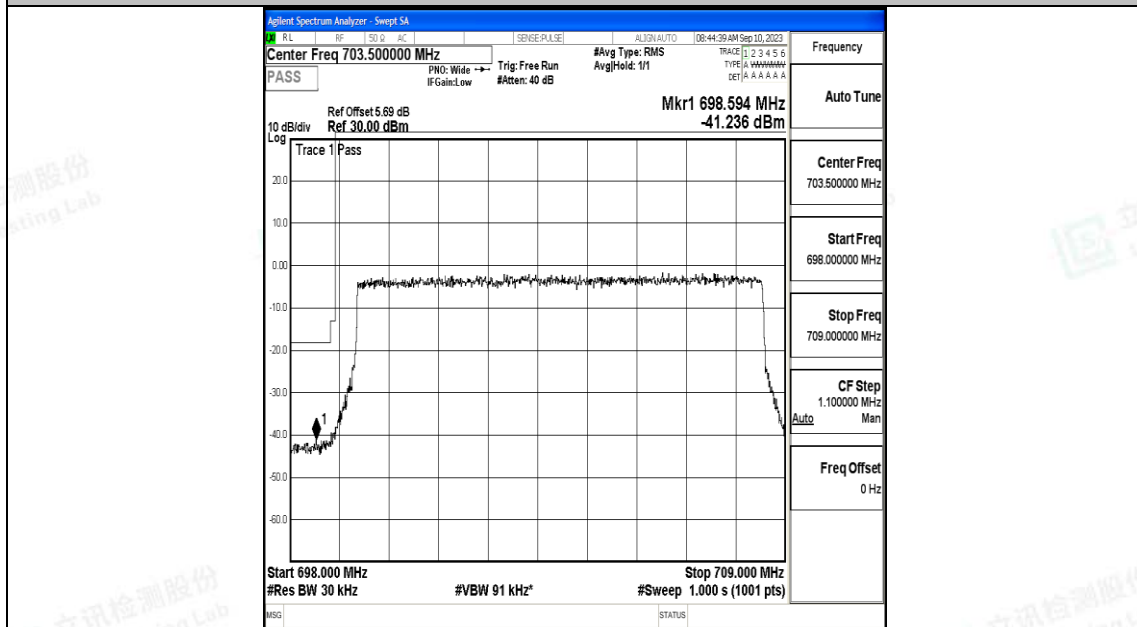


Band12_5MHz_QPSK_23155_25RB#0



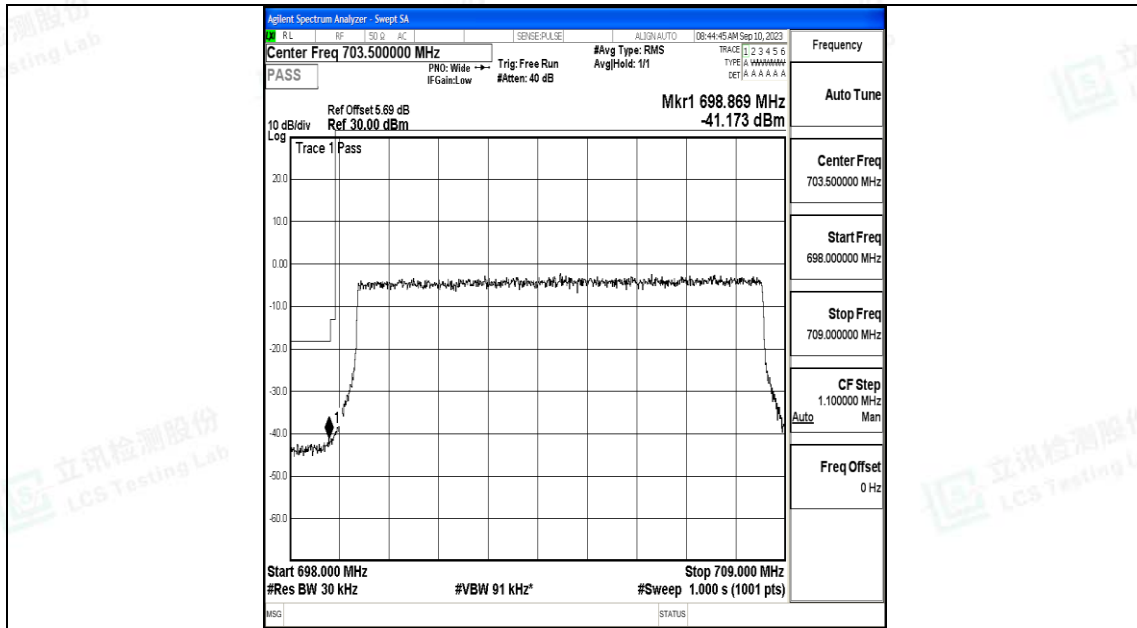


Band12_5MHz_16QAM_23155_25RB#0

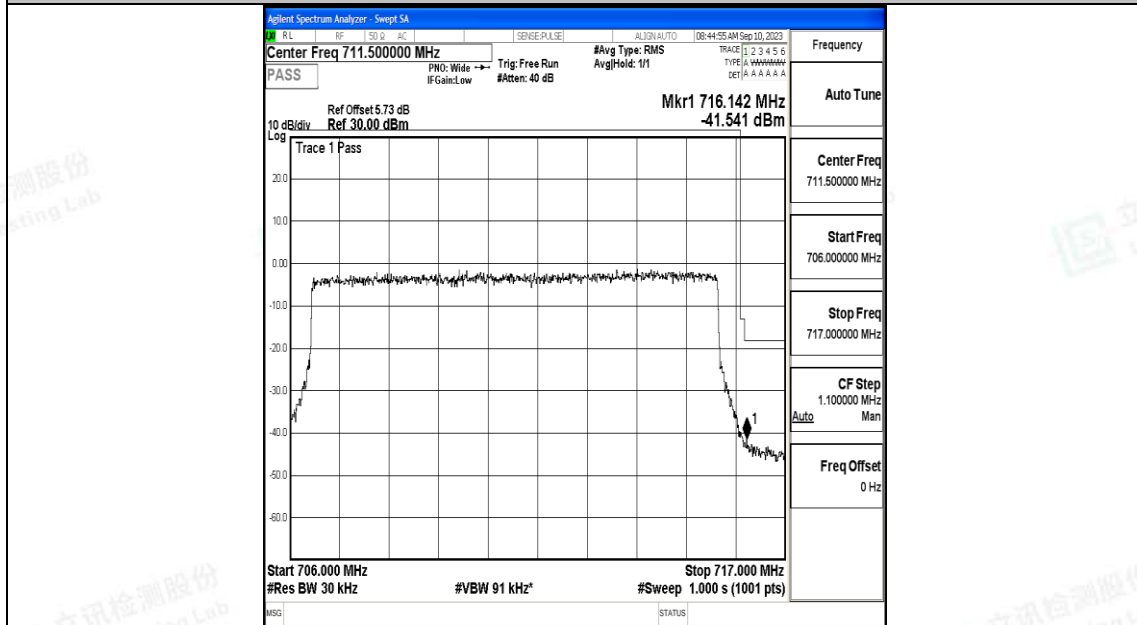


Band12_10MHz_QPSK_23060_50RB#0



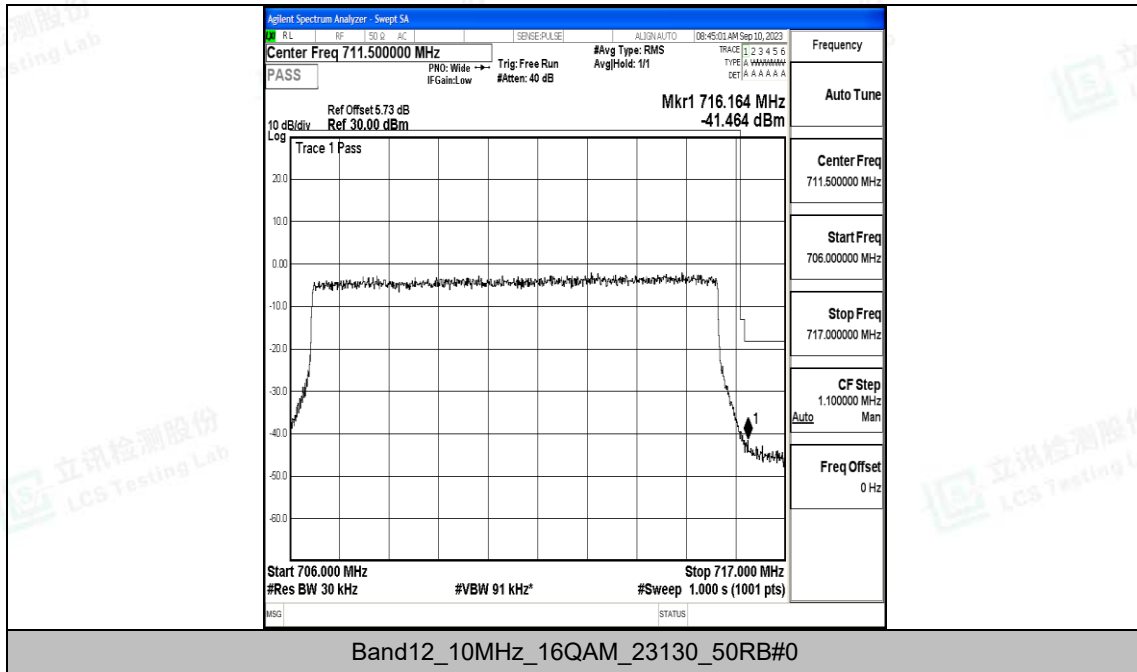


Band12_10MHz_16QAM_23060_50RB#0



Band12_10MHz_QPSK_23130_50RB#0







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	0.009~0.15	-60.49	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	0.15~30	-55.20	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	30~1000	-48.37	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	1000~3000	-45.62	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	3000~10000	-45.68	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	0.009~0.15	-55.64	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	0.15~30	-54.01	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	30~1000	-43.55	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	1000~3000	-43.93	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	3000~10000	-45.08	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	0.009~0.15	-59.41	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	0.15~30	-53.15	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	30~1000	-45.63	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	1000~3000	-46.19	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	3000~10000	-45.75	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	0.009~0.15	-58.16	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	0.15~30	-54.40	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	30~1000	-47.90	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	1000~3000	-46.37	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	3000~10000	-45.48	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	0.009~0.15	-59.07	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	0.15~30	-52.36	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	30~1000	-49.25	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	1000~3000	-45.35	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	3000~10000	-45.68	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	0.009~0.15	-58.78	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	0.15~30	-51.93	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	30~1000	-51.30	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	1000~3000	-45.44	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	3000~10000	-45.69	PASS
Band12	3MHz	QPSK	23025	1RB#0	0.009~0.15	-59.23	PASS
Band12	3MHz	QPSK	23025	1RB#0	0.15~30	-53.72	PASS
Band12	3MHz	QPSK	23025	1RB#0	30~1000	-48.76	PASS
Band12	3MHz	QPSK	23025	1RB#0	1000~3000	-46.14	PASS
Band12	3MHz	QPSK	23025	1RB#0	3000~10000	-45.30	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	-60.58	PASS
Band12	3MHz	16QAM	23025	1RB#0	0.15~30	-54.43	PASS
Band12	3MHz	16QAM	23025	1RB#0	30~1000	-50.05	PASS
Band12	3MHz	16QAM	23025	1RB#0	1000~3000	-45.67	PASS
Band12	3MHz	16QAM	23025	1RB#0	3000~10000	-45.58	PASS
Band12	3MHz	QPSK	23095	1RB#0	0.009~0.15	-58.57	PASS
Band12	3MHz	QPSK	23095	1RB#0	0.15~30	-54.85	PASS
Band12	3MHz	QPSK	23095	1RB#0	30~1000	-49.13	PASS
Band12	3MHz	QPSK	23095	1RB#0	1000~3000	-46.07	PASS
Band12	3MHz	QPSK	23095	1RB#0	3000~10000	-45.49	PASS
Band12	3MHz	16QAM	23095	1RB#0	0.009~0.15	-60.49	PASS
Band12	3MHz	16QAM	23095	1RB#0	0.15~30	-54.60	PASS
Band12	3MHz	16QAM	23095	1RB#0	30~1000	-48.64	PASS
Band12	3MHz	16QAM	23095	1RB#0	1000~3000	-47.72	PASS
Band12	3MHz	16QAM	23095	1RB#0	3000~10000	-45.83	PASS
Band12	3MHz	QPSK	23165	1RB#0	0.009~0.15	-55.38	PASS
Band12	3MHz	QPSK	23165	1RB#0	0.15~30	-52.61	PASS
Band12	3MHz	QPSK	23165	1RB#0	30~1000	-54.20	PASS
Band12	3MHz	QPSK	23165	1RB#0	1000~3000	-44.79	PASS
Band12	3MHz	QPSK	23165	1RB#0	3000~10000	-45.72	PASS
Band12	3MHz	16QAM	23165	1RB#0	0.009~0.15	-58.97	PASS
Band12	3MHz	16QAM	23165	1RB#0	0.15~30	-52.72	PASS
Band12	3MHz	16QAM	23165	1RB#0	30~1000	-52.85	PASS
Band12	3MHz	16QAM	23165	1RB#0	1000~3000	-45.71	PASS
Band12	3MHz	16QAM	23165	1RB#0	3000~10000	-45.77	PASS
Band12	5MHz	QPSK	23035	1RB#0	0.009~0.15	-59.77	PASS
Band12	5MHz	QPSK	23035	1RB#0	0.15~30	-53.71	PASS
Band12	5MHz	QPSK	23035	1RB#0	30~1000	-58.86	PASS
Band12	5MHz	QPSK	23035	1RB#0	1000~3000	-46.69	PASS
Band12	5MHz	QPSK	23035	1RB#0	3000~10000	-45.89	PASS
Band12	5MHz	16QAM	23035	1RB#0	0.009~0.15	-62.20	PASS
Band12	5MHz	16QAM	23035	1RB#0	0.15~30	-54.19	PASS
Band12	5MHz	16QAM	23035	1RB#0	30~1000	-59.15	PASS
Band12	5MHz	16QAM	23035	1RB#0	1000~3000	-46.98	PASS
Band12	5MHz	16QAM	23035	1RB#0	3000~10000	-45.59	PASS
Band12	5MHz	QPSK	23095	1RB#0	0.009~0.15	-58.62	PASS
Band12	5MHz	QPSK	23095	1RB#0	0.15~30	-53.31	PASS
Band12	5MHz	QPSK	23095	1RB#0	30~1000	-60.95	PASS
Band12	5MHz	QPSK	23095	1RB#0	1000~3000	-44.92	PASS
Band12	5MHz	QPSK	23095	1RB#0	3000~10000	-45.70	PASS





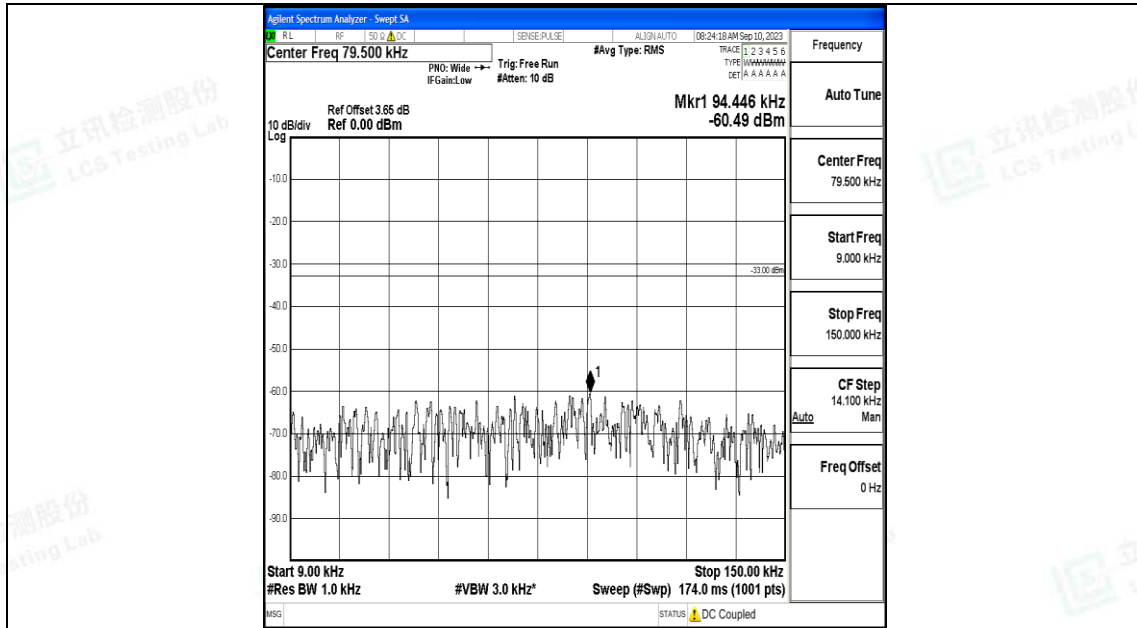
Band12	5MHz	16QAM	23095	1RB#0	0.009~0.15	-61.38	PASS
Band12	5MHz	16QAM	23095	1RB#0	0.15~30	-54.09	PASS
Band12	5MHz	16QAM	23095	1RB#0	30~1000	-62.56	PASS
Band12	5MHz	16QAM	23095	1RB#0	1000~3000	-46.79	PASS
Band12	5MHz	16QAM	23095	1RB#0	3000~10000	-45.38	PASS
Band12	5MHz	QPSK	23155	1RB#0	0.009~0.15	-56.79	PASS
Band12	5MHz	QPSK	23155	1RB#0	0.15~30	-53.89	PASS
Band12	5MHz	QPSK	23155	1RB#0	30~1000	-59.61	PASS
Band12	5MHz	QPSK	23155	1RB#0	1000~3000	-45.81	PASS
Band12	5MHz	QPSK	23155	1RB#0	3000~10000	-45.77	PASS
Band12	5MHz	16QAM	23155	1RB#0	0.009~0.15	-60.42	PASS
Band12	5MHz	16QAM	23155	1RB#0	0.15~30	-54.05	PASS
Band12	5MHz	16QAM	23155	1RB#0	30~1000	-62.07	PASS
Band12	5MHz	16QAM	23155	1RB#0	1000~3000	-46.61	PASS
Band12	5MHz	16QAM	23155	1RB#0	3000~10000	-45.47	PASS
Band12	10MHz	QPSK	23060	1RB#0	0.009~0.15	-59.53	PASS
Band12	10MHz	QPSK	23060	1RB#0	0.15~30	-51.97	PASS
Band12	10MHz	QPSK	23060	1RB#0	30~1000	-63.61	PASS
Band12	10MHz	QPSK	23060	1RB#0	1000~3000	-45.74	PASS
Band12	10MHz	QPSK	23060	1RB#0	3000~10000	-45.60	PASS
Band12	10MHz	16QAM	23060	1RB#0	0.009~0.15	-58.76	PASS
Band12	10MHz	16QAM	23060	1RB#0	0.15~30	-51.68	PASS
Band12	10MHz	16QAM	23060	1RB#0	30~1000	-63.60	PASS
Band12	10MHz	16QAM	23060	1RB#0	1000~3000	-45.91	PASS
Band12	10MHz	16QAM	23060	1RB#0	3000~10000	-45.78	PASS
Band12	10MHz	QPSK	23095	1RB#0	0.009~0.15	-57.70	PASS
Band12	10MHz	QPSK	23095	1RB#0	0.15~30	-53.59	PASS
Band12	10MHz	QPSK	23095	1RB#0	30~1000	-63.39	PASS
Band12	10MHz	QPSK	23095	1RB#0	1000~3000	-46.29	PASS
Band12	10MHz	QPSK	23095	1RB#0	3000~10000	-45.83	PASS
Band12	10MHz	16QAM	23095	1RB#0	0.009~0.15	-58.33	PASS
Band12	10MHz	16QAM	23095	1RB#0	0.15~30	-53.17	PASS
Band12	10MHz	16QAM	23095	1RB#0	30~1000	-63.48	PASS
Band12	10MHz	16QAM	23095	1RB#0	1000~3000	-47.27	PASS
Band12	10MHz	16QAM	23095	1RB#0	3000~10000	-45.67	PASS
Band12	10MHz	QPSK	23130	1RB#0	0.009~0.15	-58.69	PASS
Band12	10MHz	QPSK	23130	1RB#0	0.15~30	-53.99	PASS
Band12	10MHz	QPSK	23130	1RB#0	30~1000	-63.74	PASS
Band12	10MHz	QPSK	23130	1RB#0	1000~3000	-46.24	PASS
Band12	10MHz	QPSK	23130	1RB#0	3000~10000	-45.19	PASS



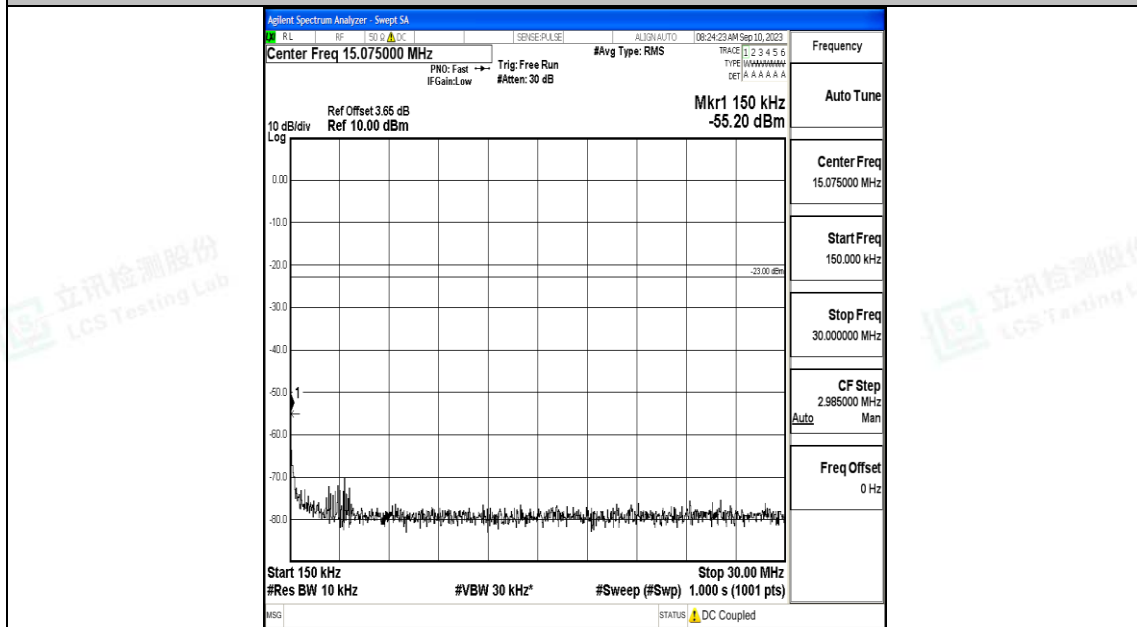


Band12	10MHz	16QAM	23130	1RB#0	0.009~0.15	-58.54	PASS
Band12	10MHz	16QAM	23130	1RB#0	0.15~30	-53.98	PASS
Band12	10MHz	16QAM	23130	1RB#0	30~1000	-63.62	PASS
Band12	10MHz	16QAM	23130	1RB#0	1000~3000	-46.47	PASS
Band12	10MHz	16QAM	23130	1RB#0	3000~10000	-45.49	PASS

Test Graphs

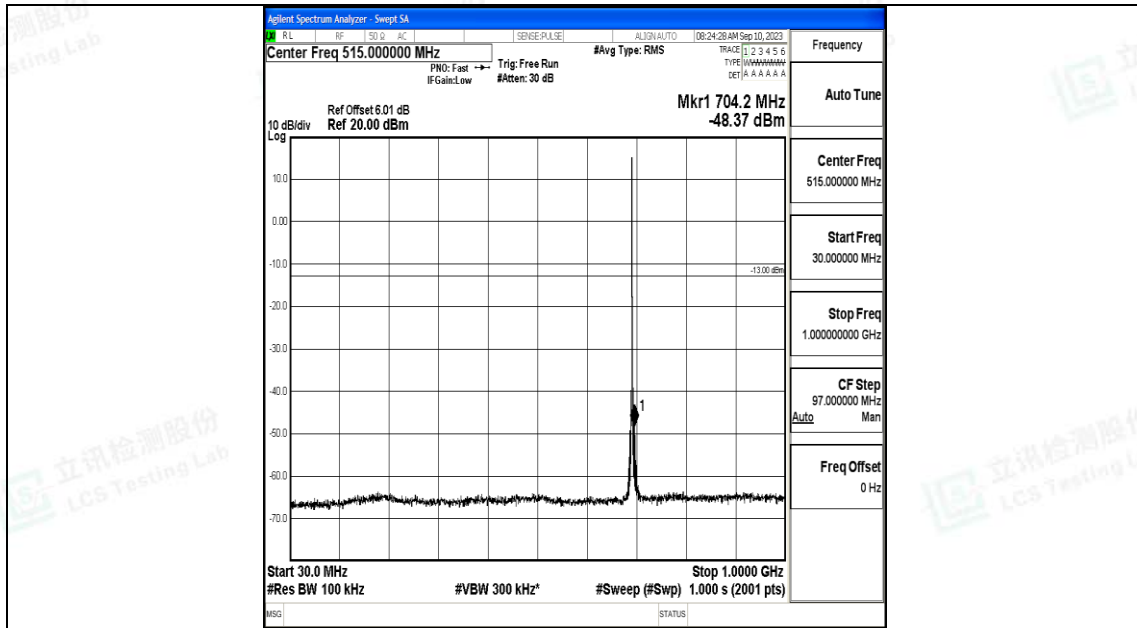


Band12_1.4MHz_QPSK_23017_1RB#0_0.009~0.15_0.009~0.15

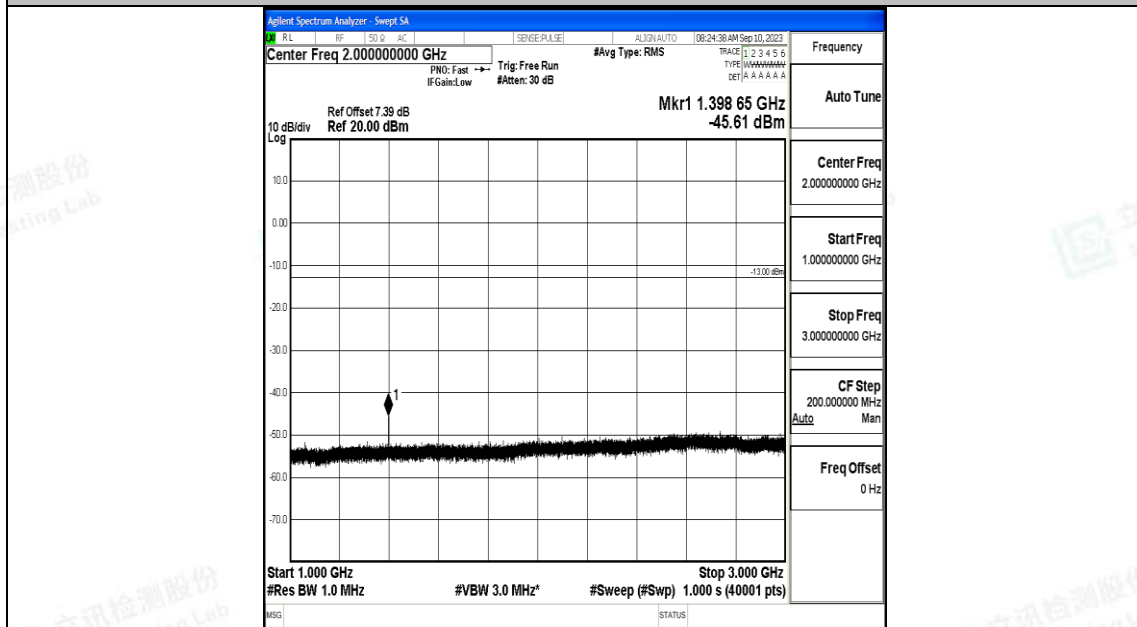


Band12_1.4MHz_QPSK_23017_1RB#0_0.15~30_0.15~30



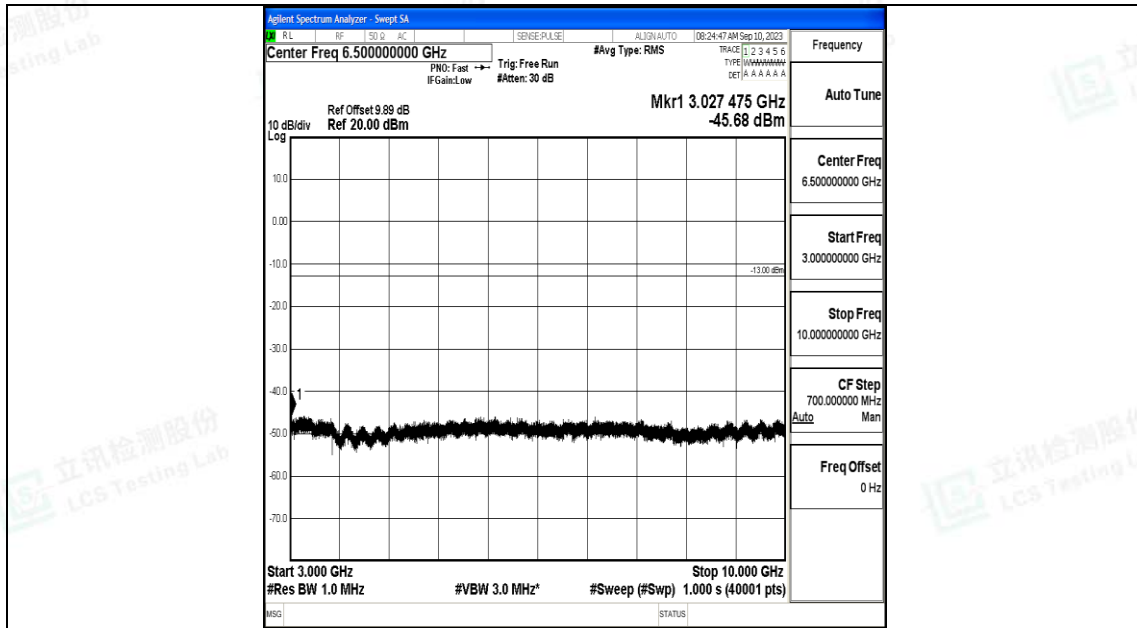


Band12_1.4MHz_QPSK_23017_1RB#0_30~1000_30~1000

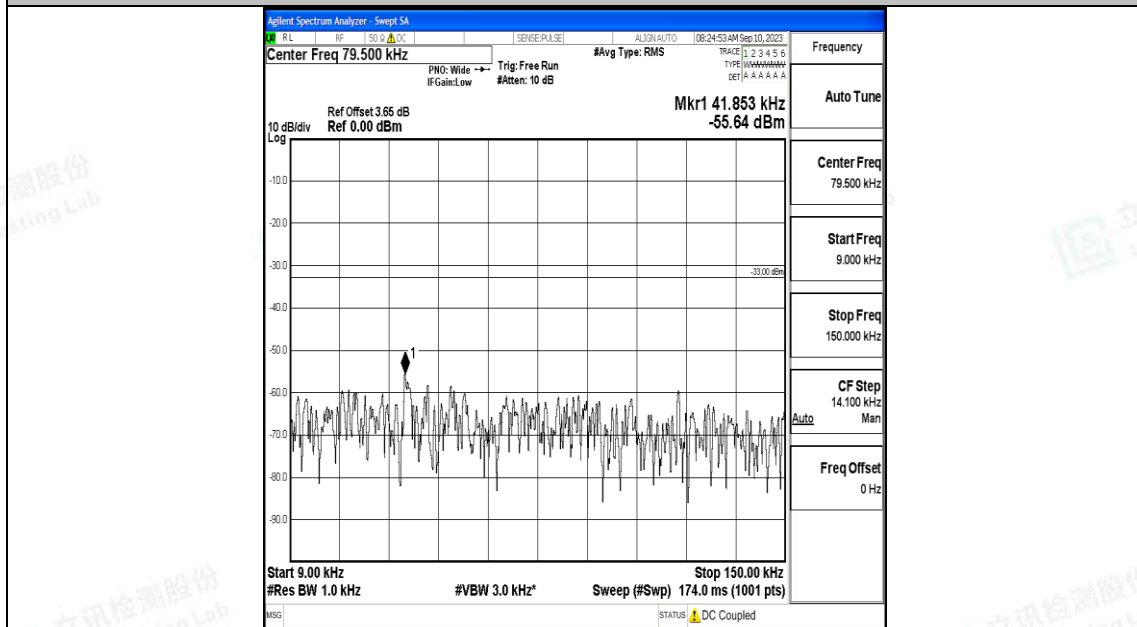


Band12_1.4MHz_QPSK_23017_1RB#0_1000~3000_1000~3000



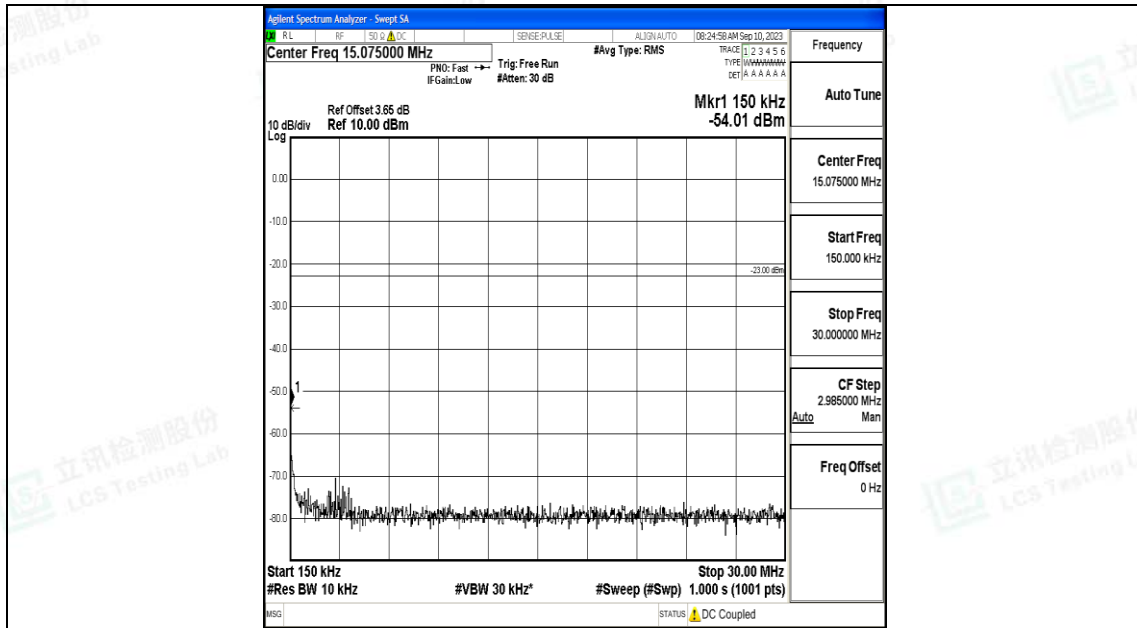


Band12_1.4MHz_QPSK_23017_1RB#0_3000~10000_3000~10000

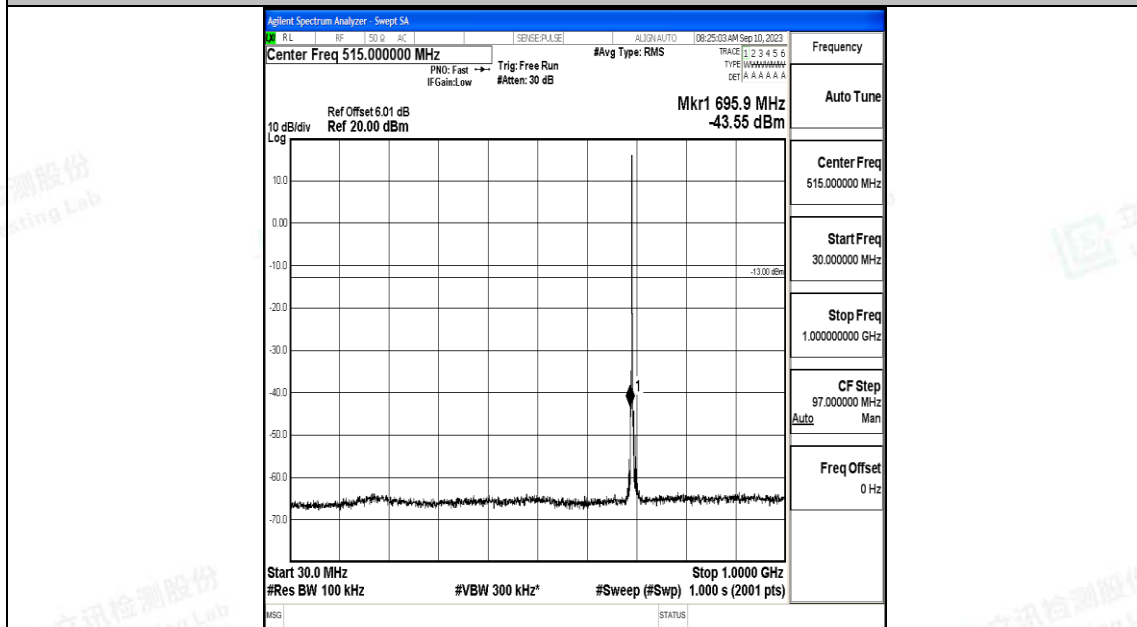


Band12_1.4MHz_16QAM_23017_1RB#0_0.009~0.15_0.009~0.15



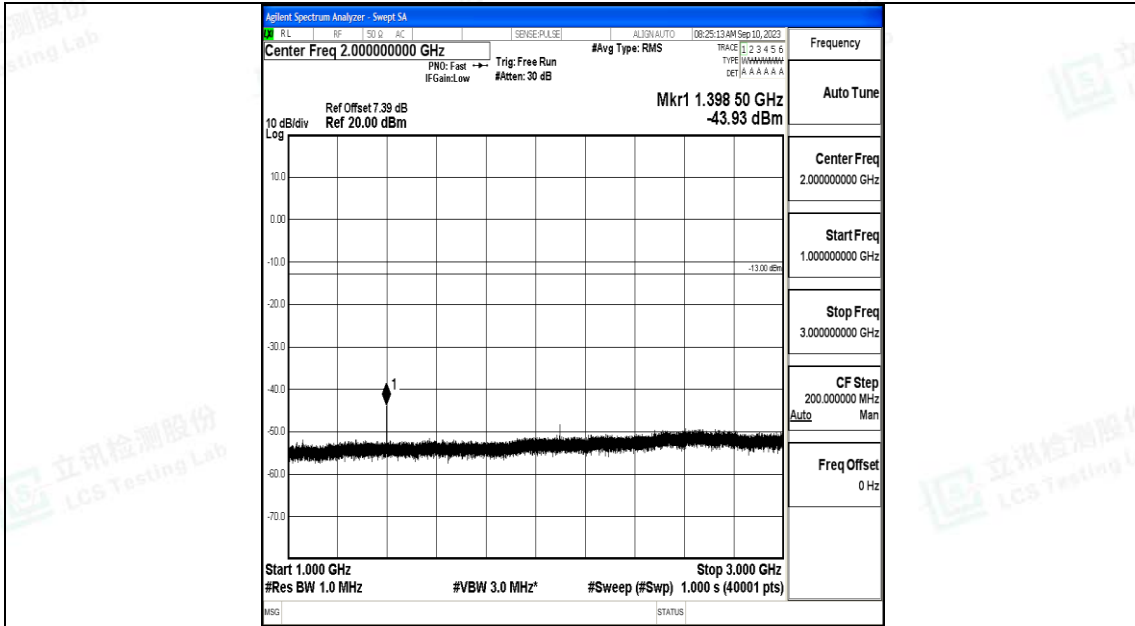


Band12_1.4MHz_16QAM_23017_1RB#0_0.15~30_0.15~30

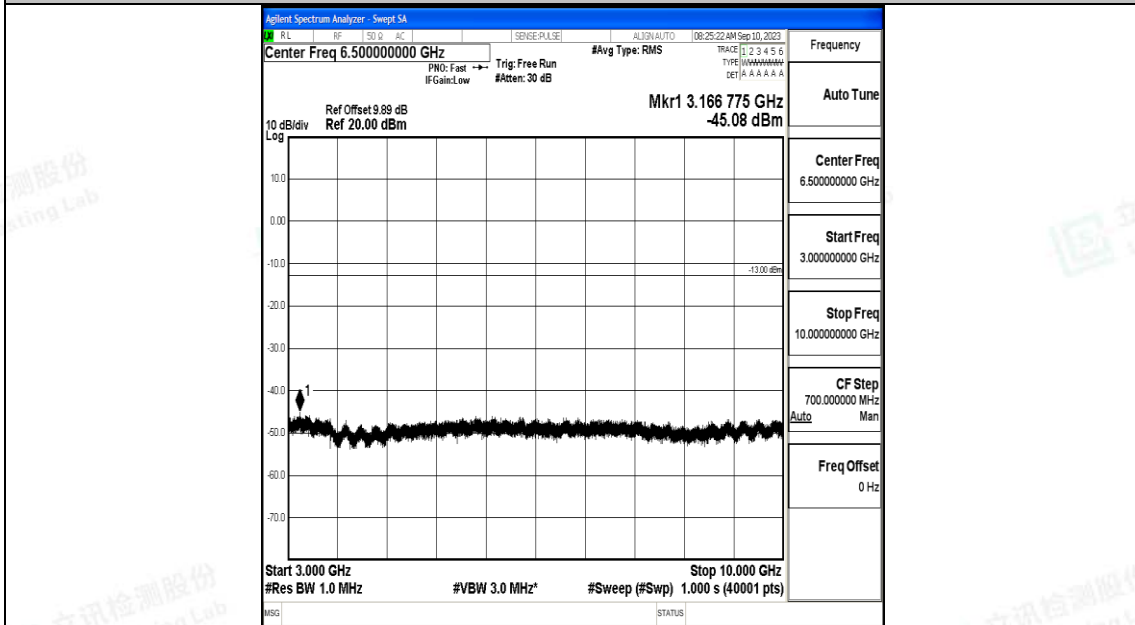


Band12_1.4MHz_16QAM_23017_1RB#0_30~1000_30~1000



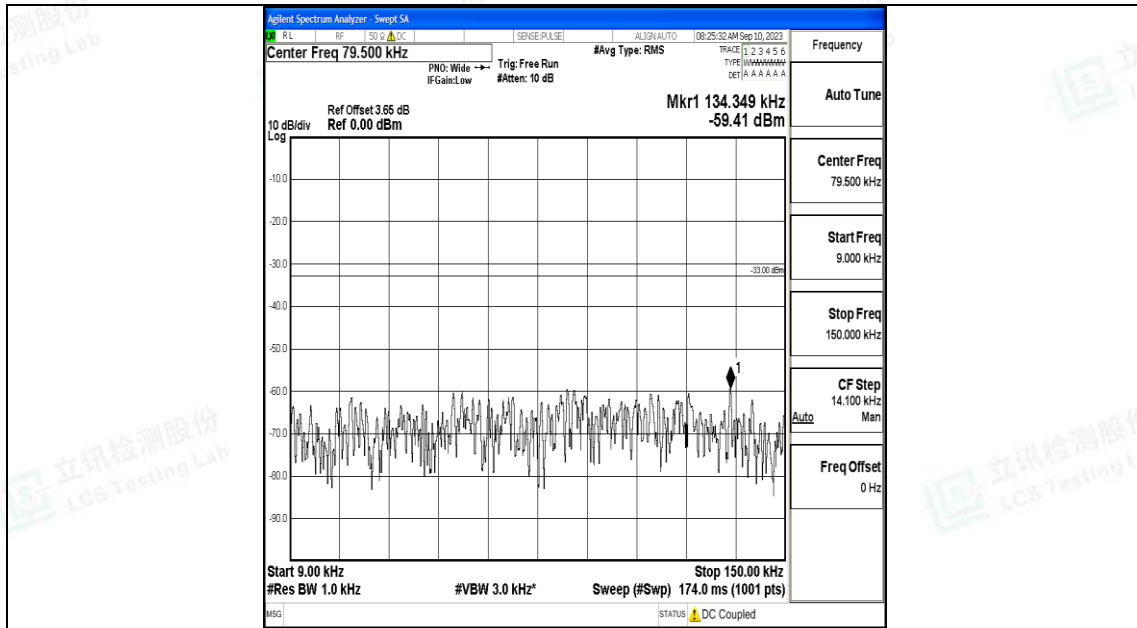


Band12_1.4MHz_16QAM_23017_1RB#0_1000~3000_1000~3000

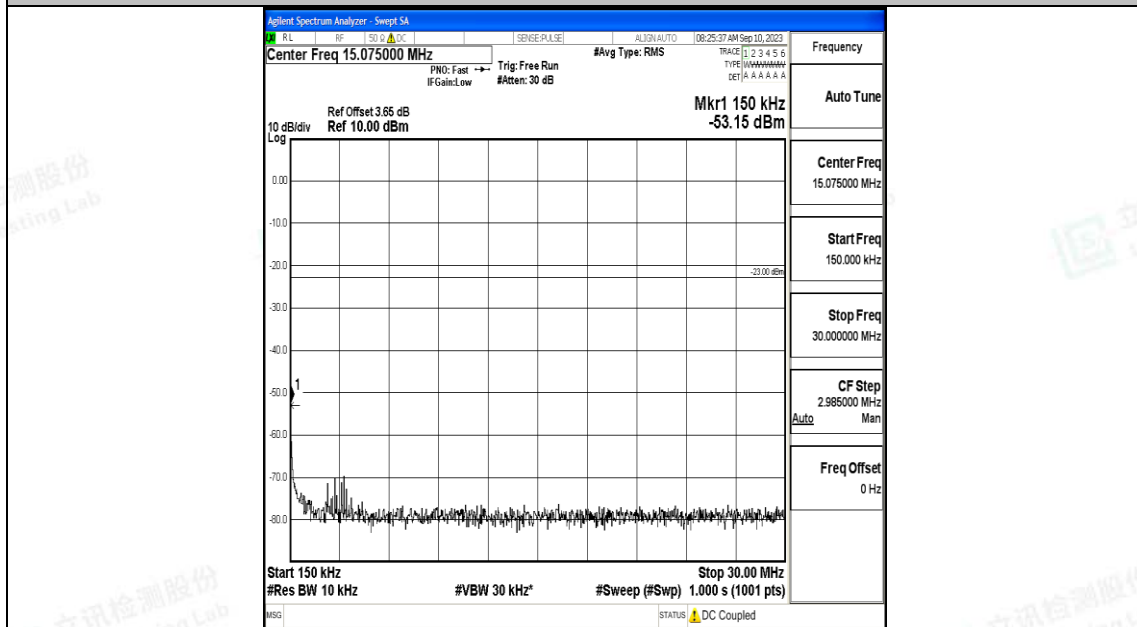


Band12_1.4MHz_16QAM_23017_1RB#0_3000~10000_3000~10000



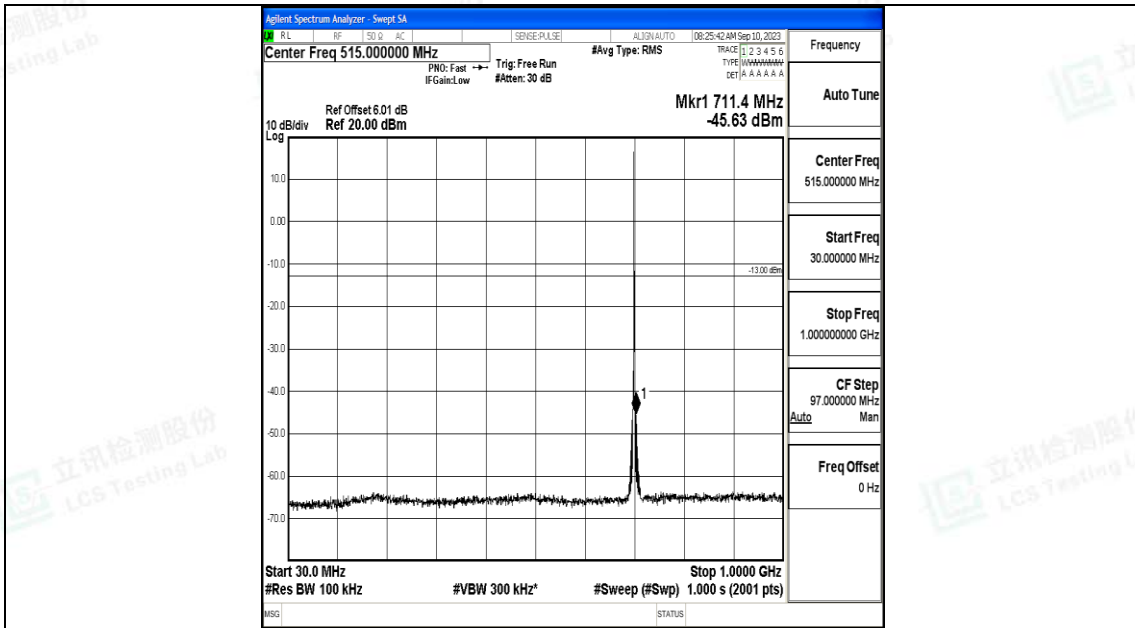


Band12_1.4MHz_QPSK_23095_1RB#0_0.009~0.15_0.009~0.15

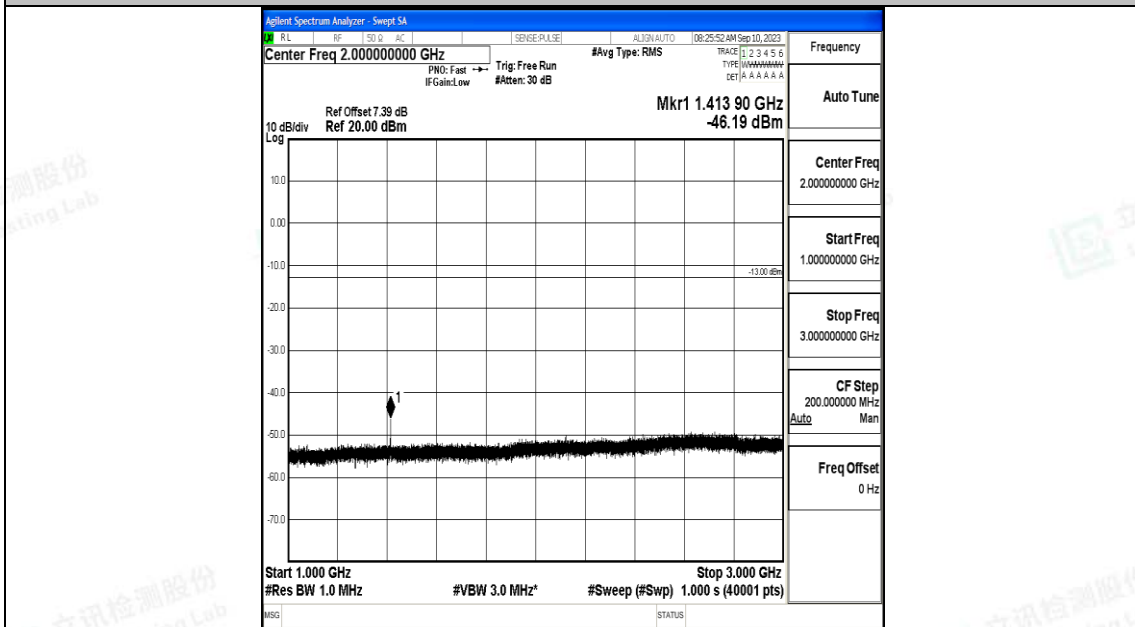


Band12_1.4MHz_QPSK_23095_1RB#0_0.15~30_0.15~30



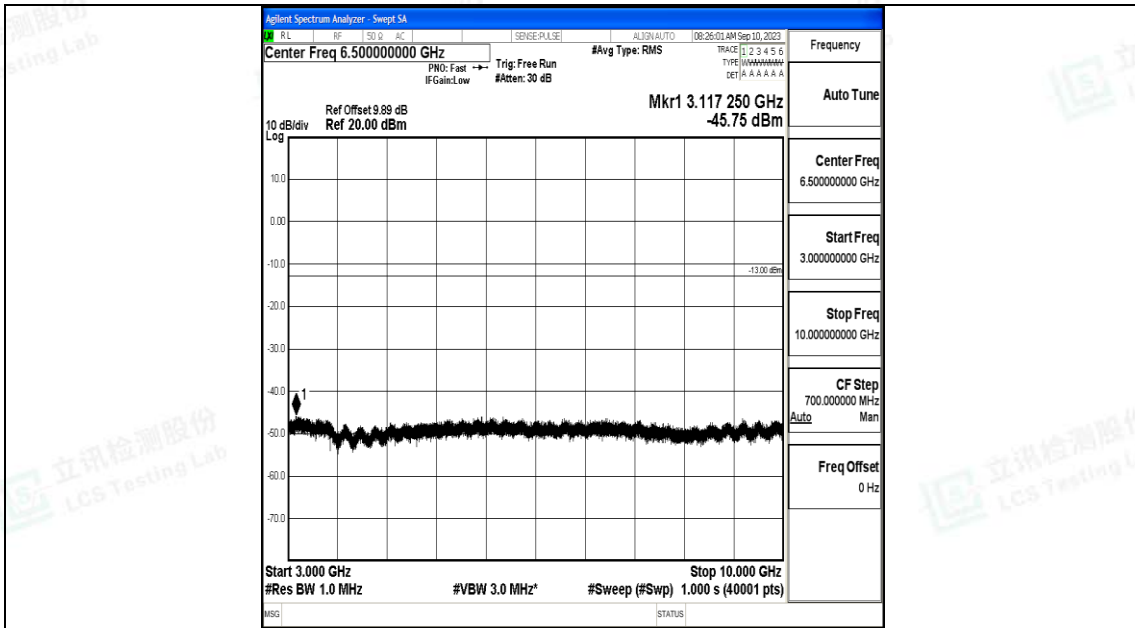


Band12_1.4MHz_QPSK_23095_1RB#0_30~1000_30~1000

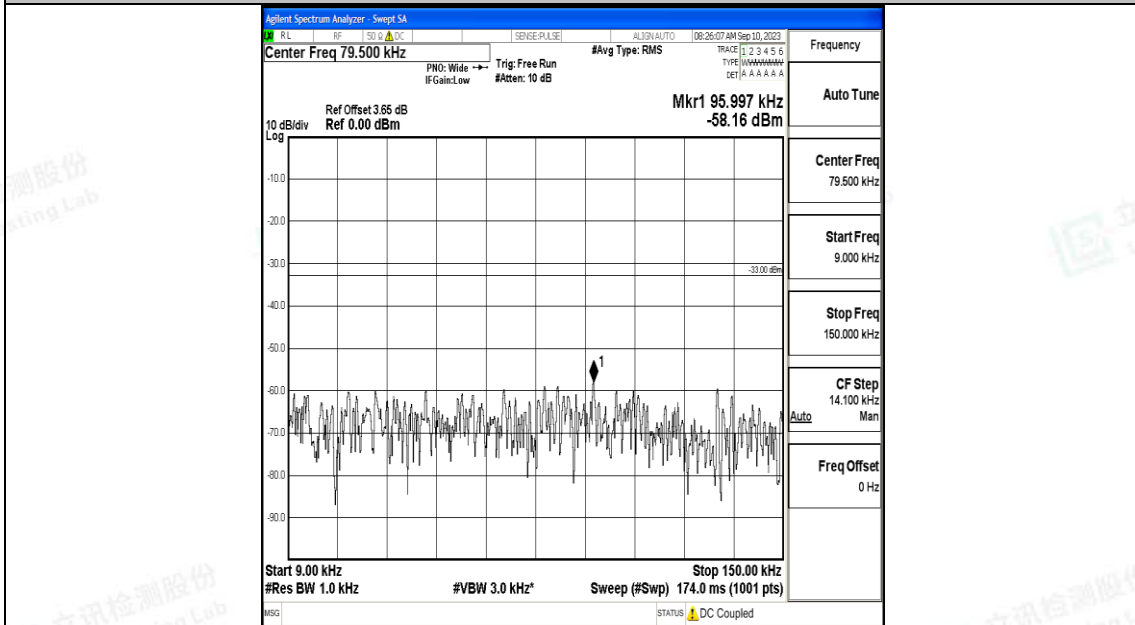


Band12_1.4MHz_QPSK_23095_1RB#0_1000~3000_1000~3000



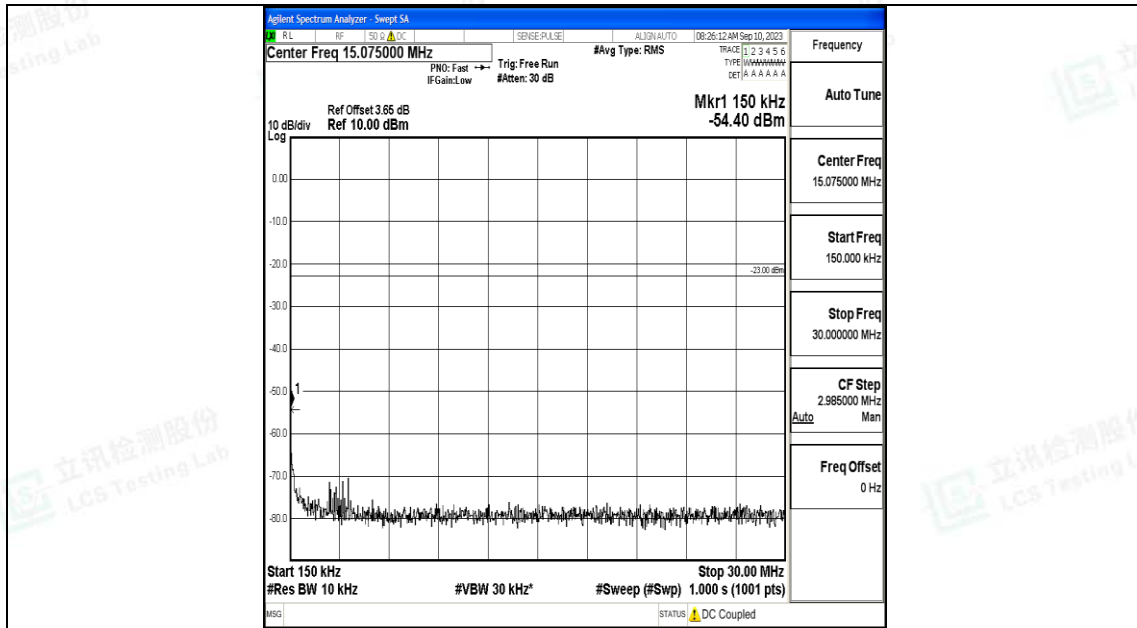


Band12_1.4MHz_QPSK_23095_1RB#0_3000~10000_3000~10000

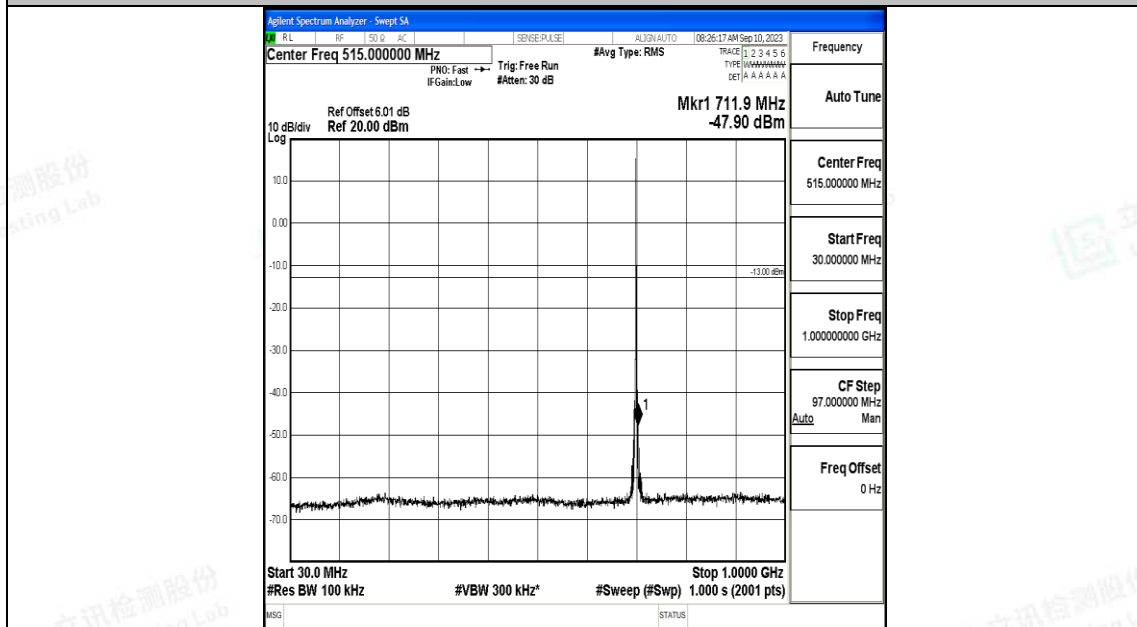


Band12_1.4MHz_16QAM_23095_1RB#0_0.009~0.15_0.009~0.15



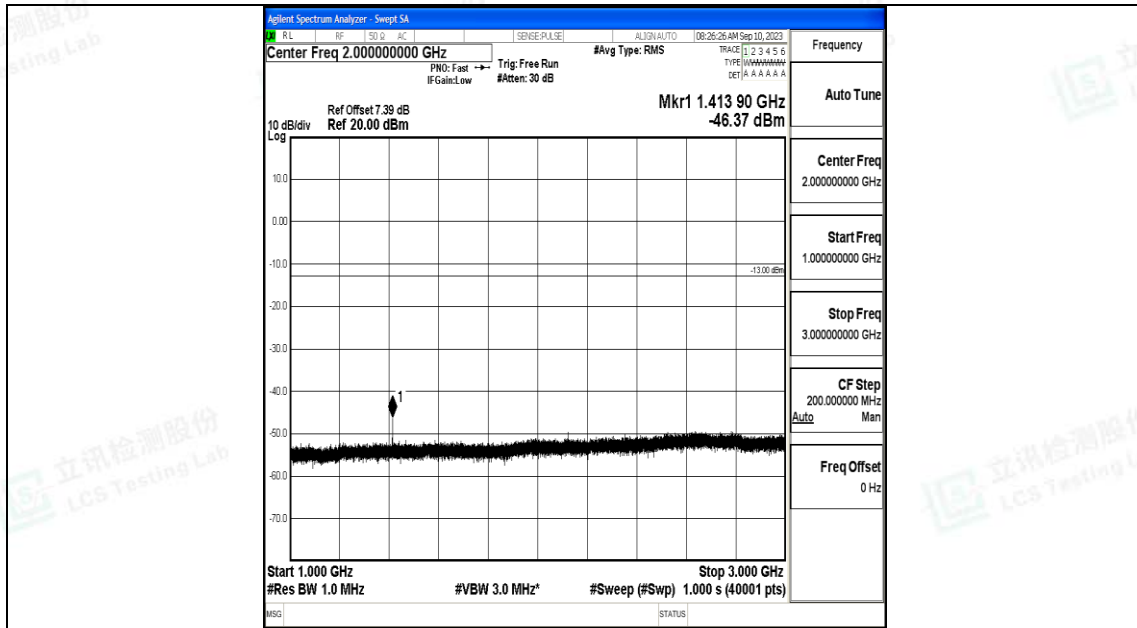


Band12_1.4MHz_16QAM_23095_1RB#0_0.15~30_0.15~30

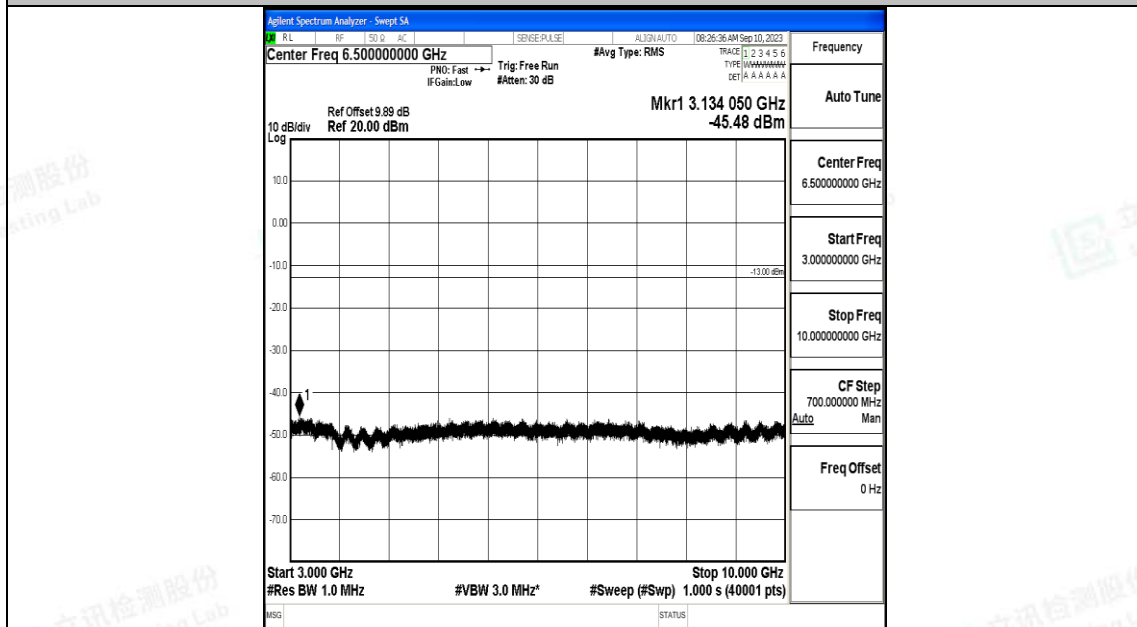


Band12_1.4MHz_16QAM_23095_1RB#0_30~1000_30~1000



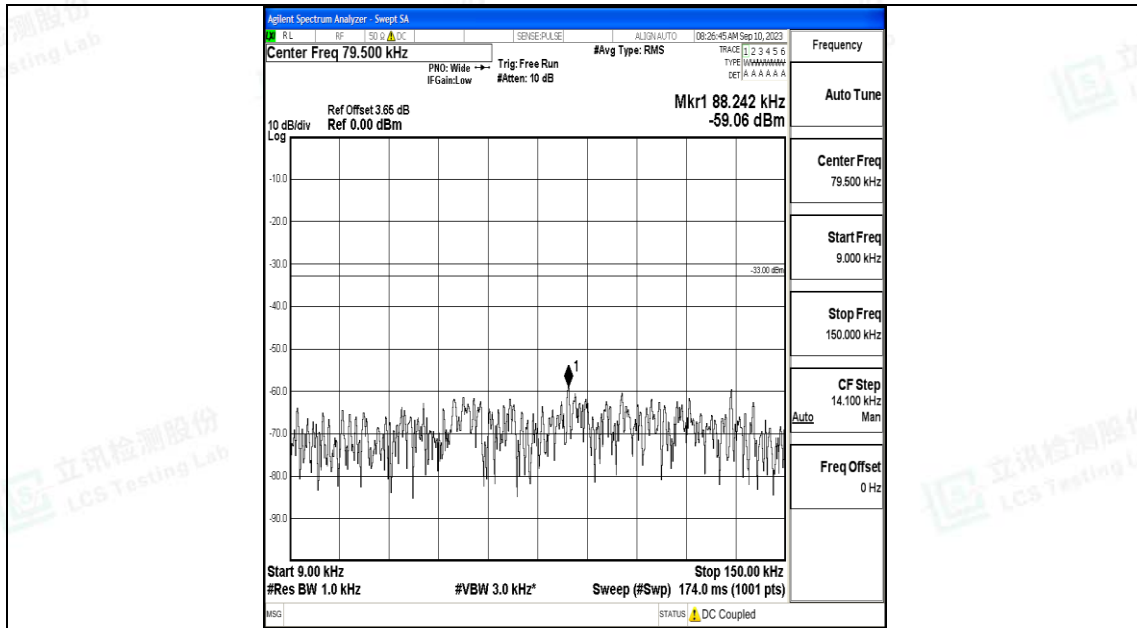


Band12_1.4MHz_16QAM_23095_1RB#0_1000~3000_1000~3000

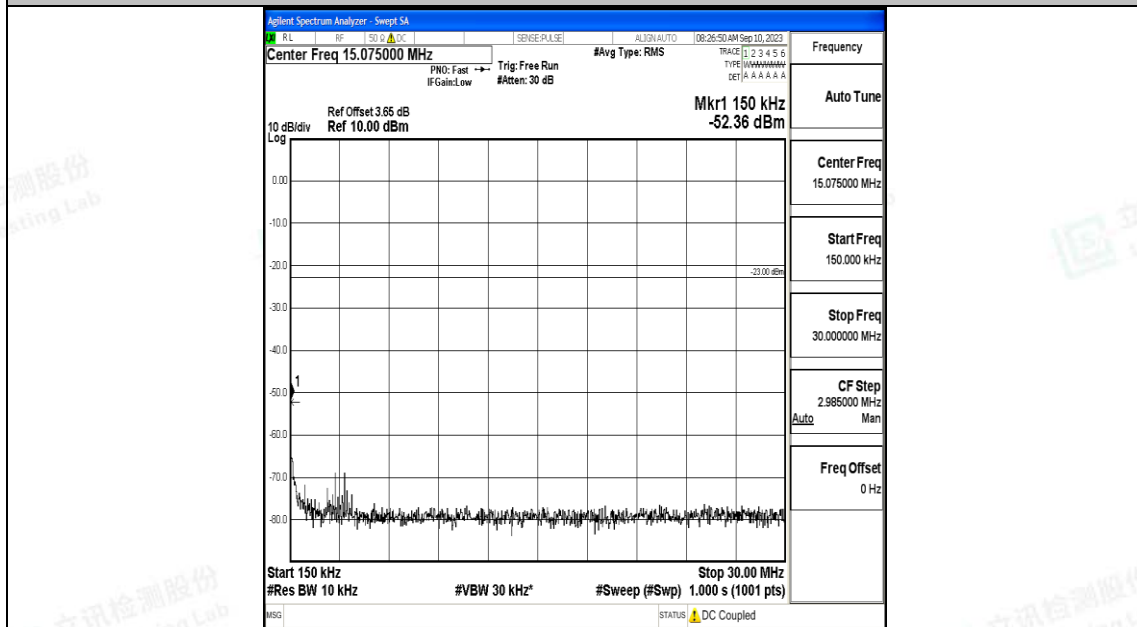


Band12_1.4MHz_16QAM_23095_1RB#0_3000~10000_3000~10000



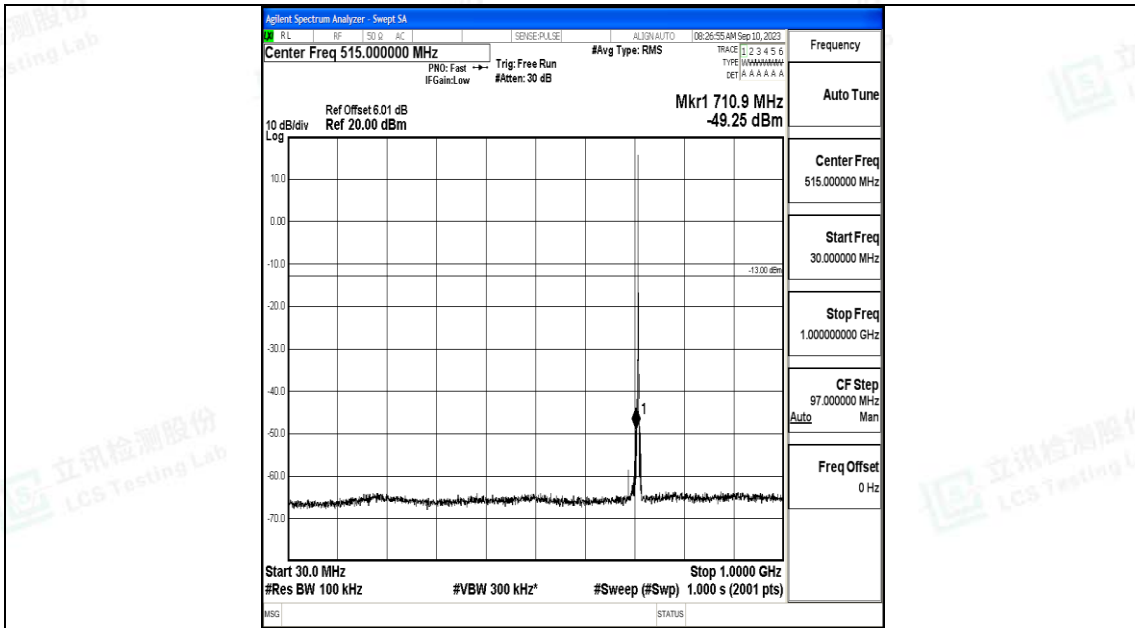


Band12_1.4MHz_QPSK_23173_1RB#0_0.009~0.15_0.009~0.15

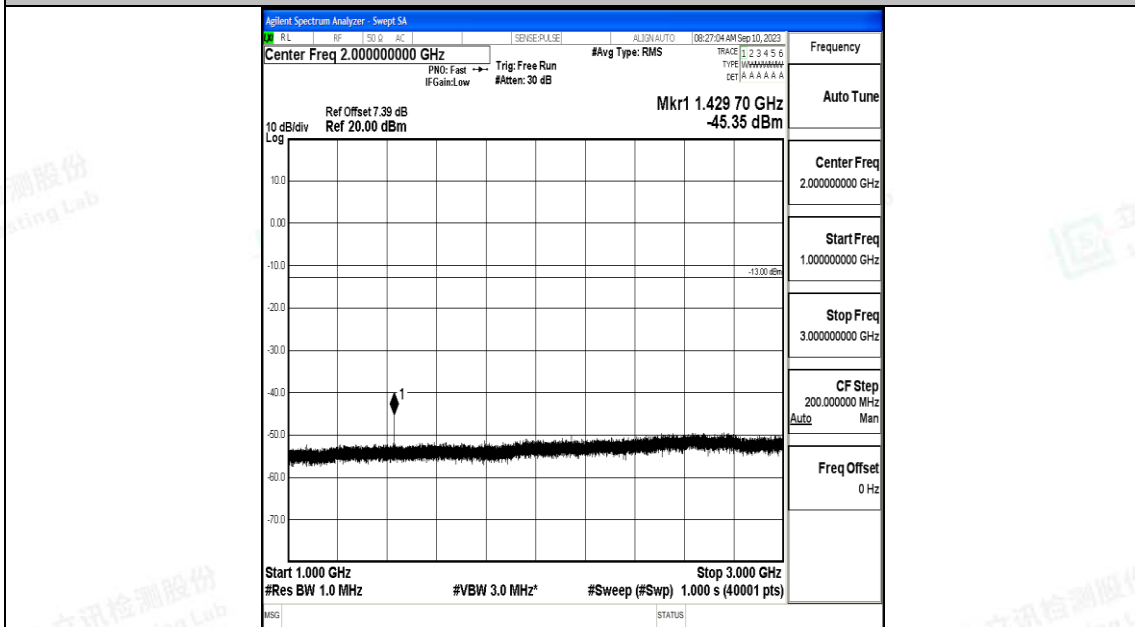


Band12_1.4MHz_QPSK_23173_1RB#0_0.15~30_0.15~30



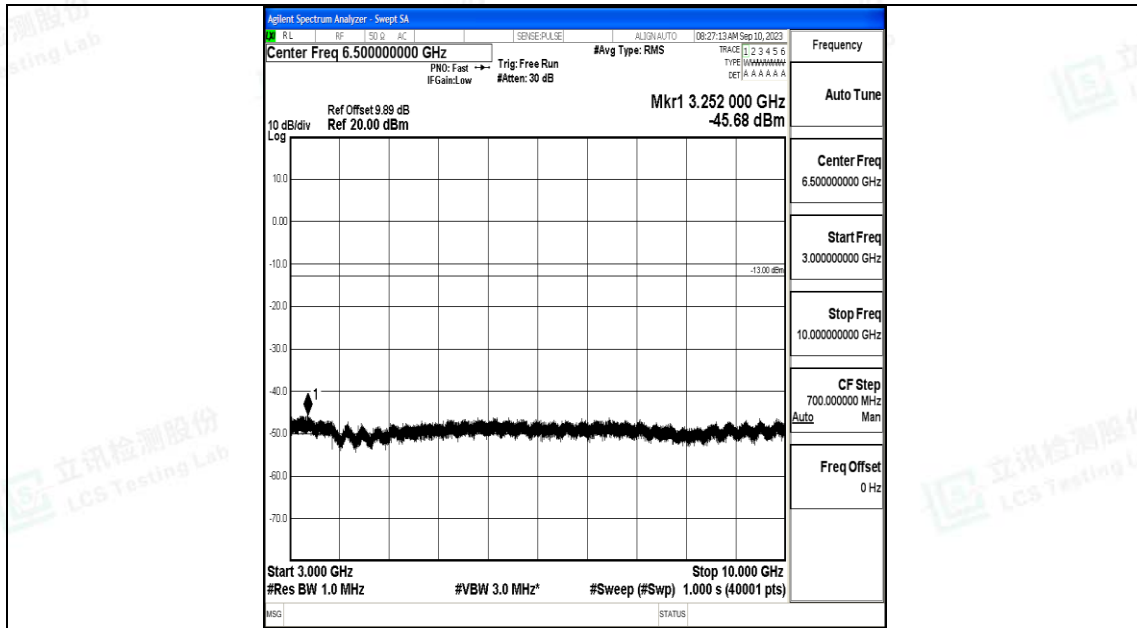


Band12_1.4MHz_QPSK_23173_1RB#0_30~1000_30~1000

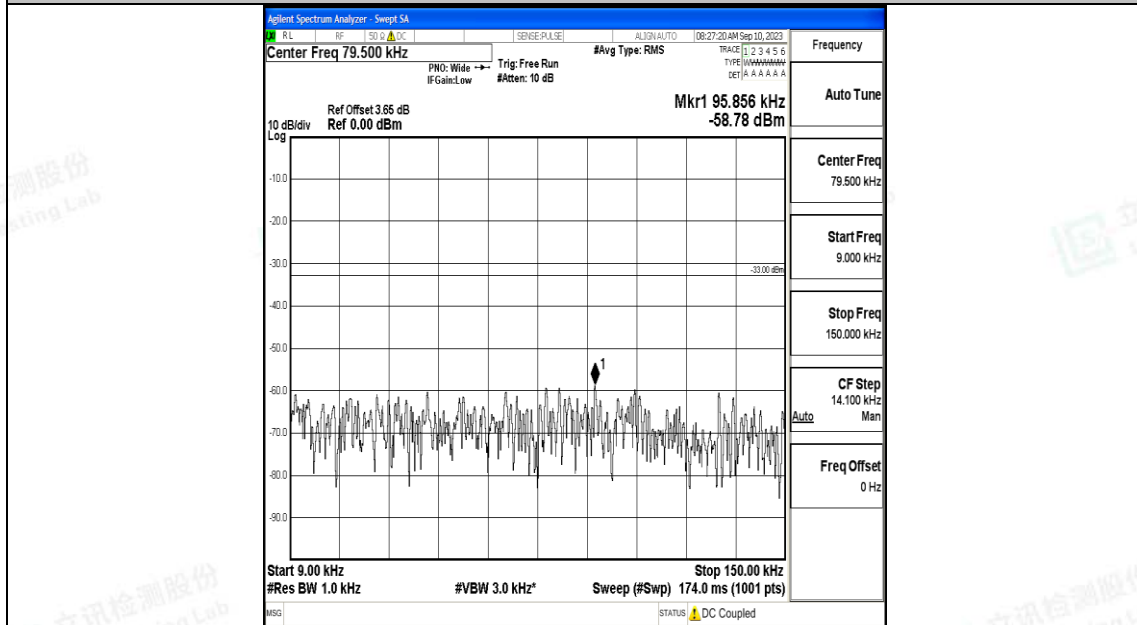


Band12_1.4MHz_QPSK_23173_1RB#0_1000~3000_1000~3000



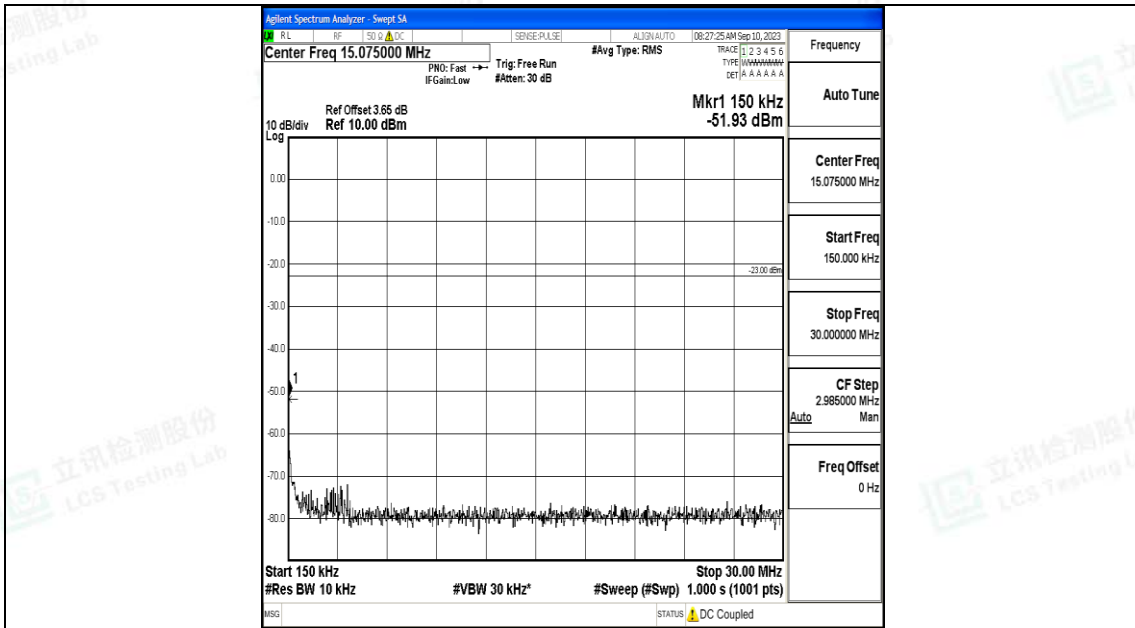


Band12_1.4MHz_QPSK_23173_1RB#0_3000~10000_3000~10000

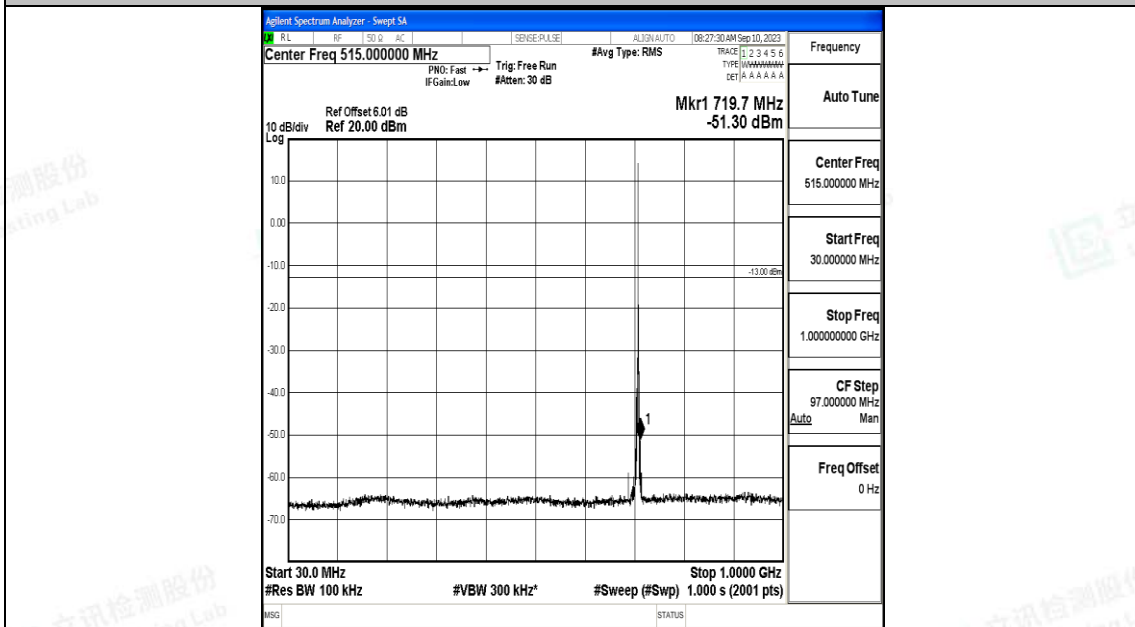


Band12_1.4MHz_16QAM_23173_1RB#0_0.009~0.15_0.009~0.15



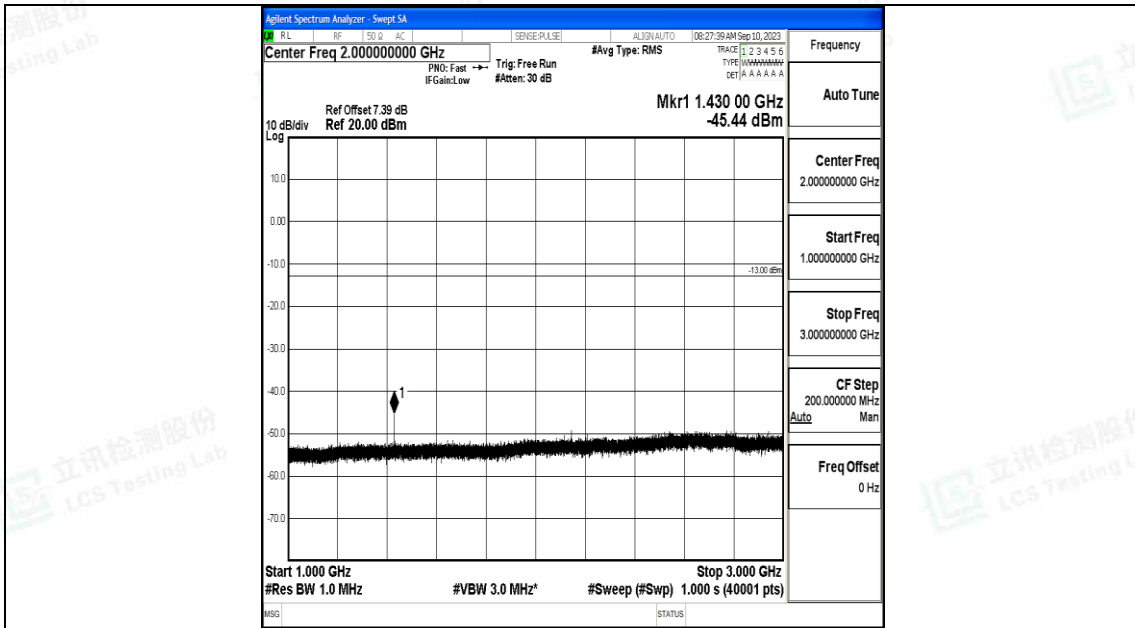


Band12_1.4MHz_16QAM_23173_1RB#0_0.15~30_0.15~30

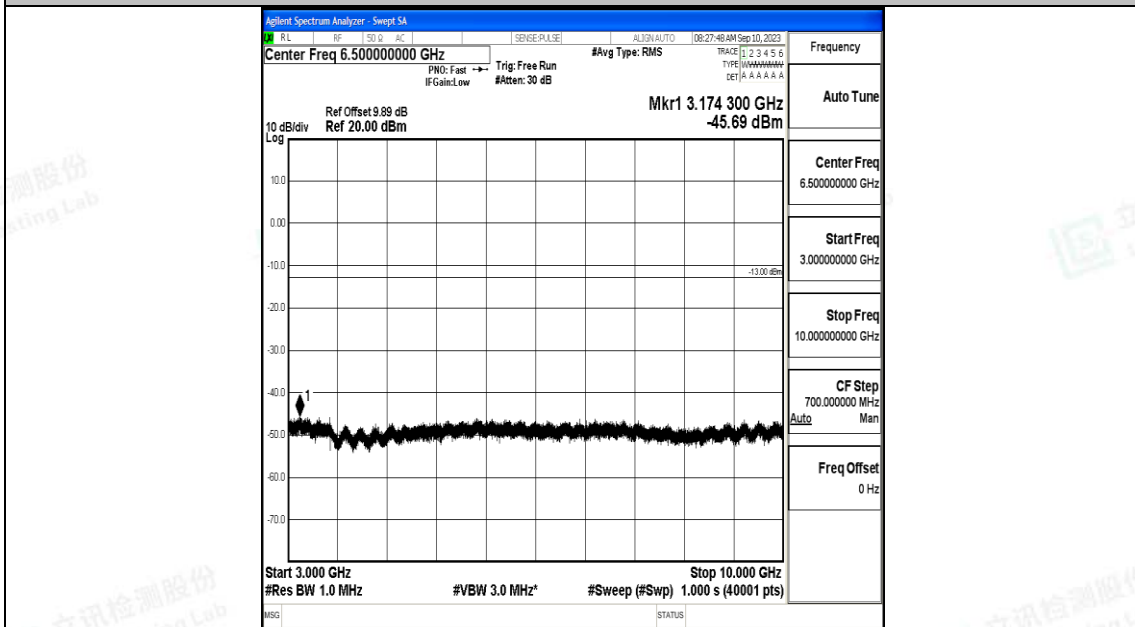


Band12_1.4MHz_16QAM_23173_1RB#0_30~1000_30~1000



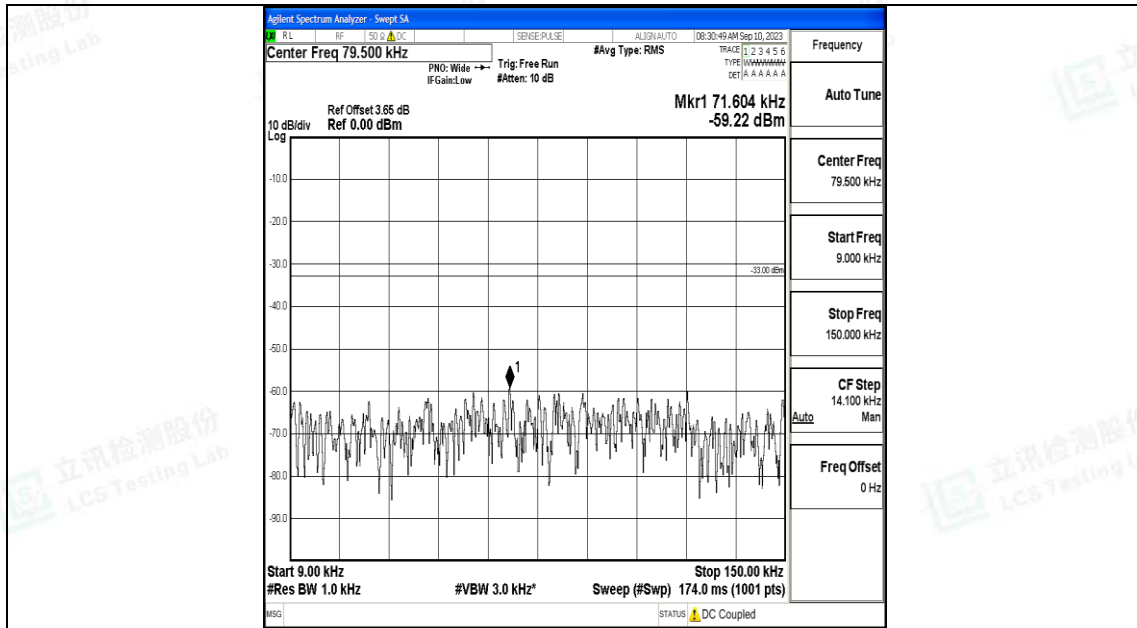


Band12_1.4MHz_16QAM_23173_1RB#0_1000~3000_1000~3000

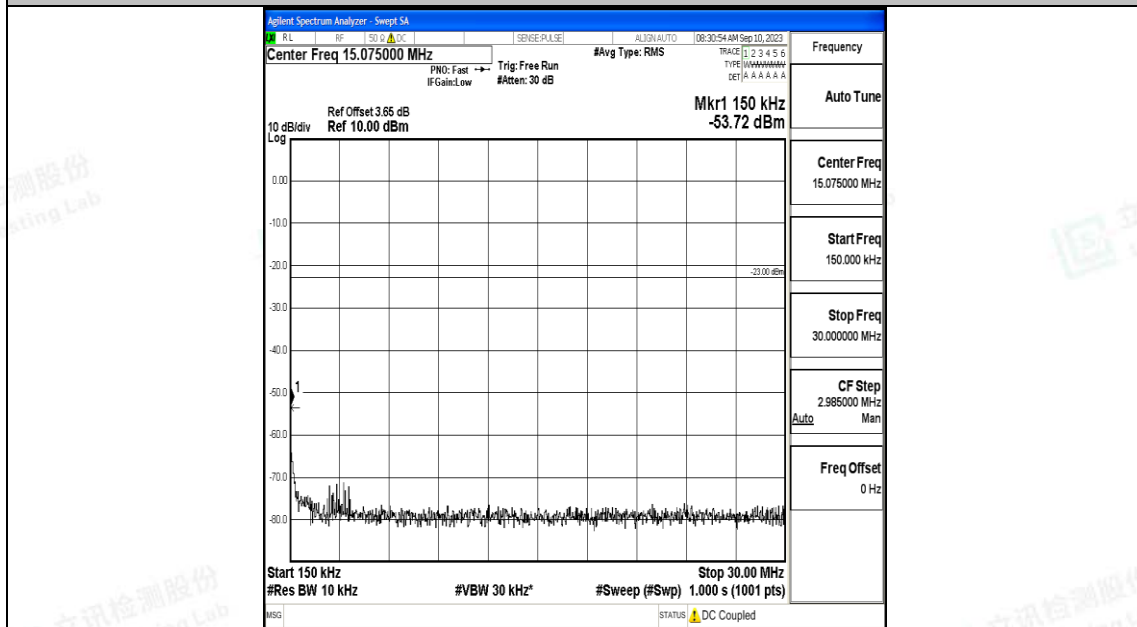


Band12_1.4MHz_16QAM_23173_1RB#0_3000~10000_3000~10000



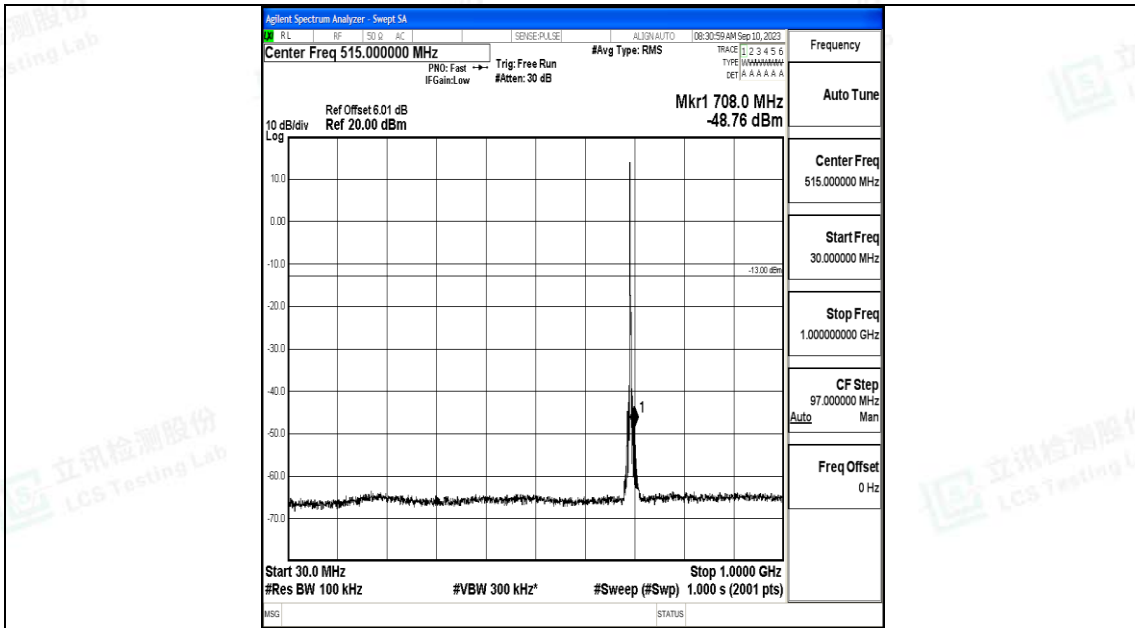


Band12_3MHz_QPSK_23025_1RB#0_0.009~0.15_0.009~0.15

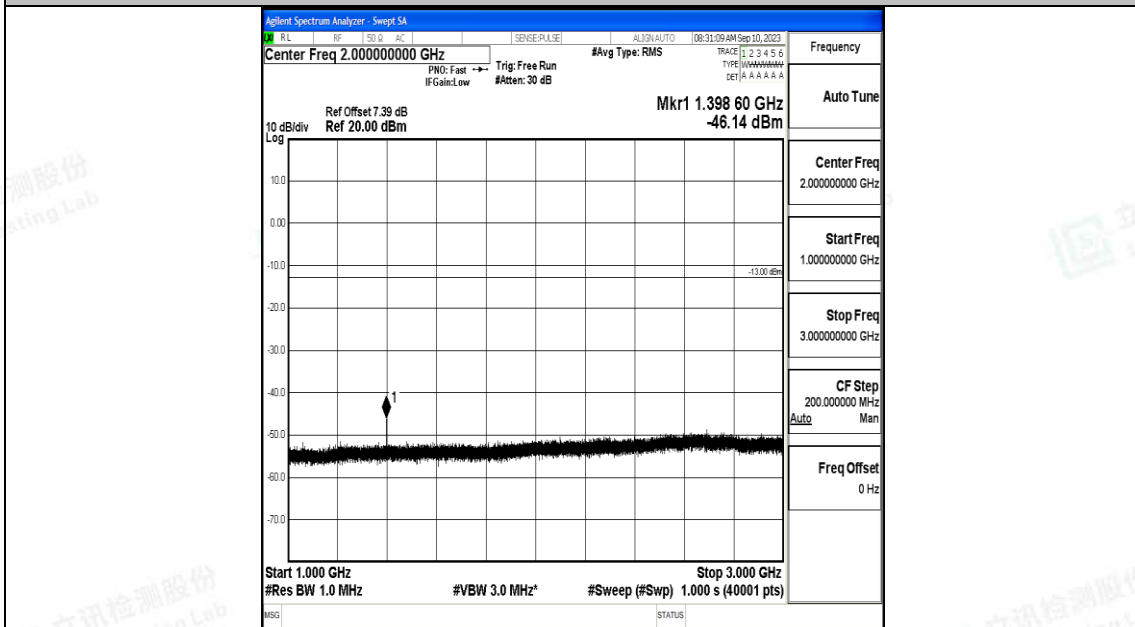


Band12_3MHz_QPSK_23025_1RB#0_0.15~30_0.15~30



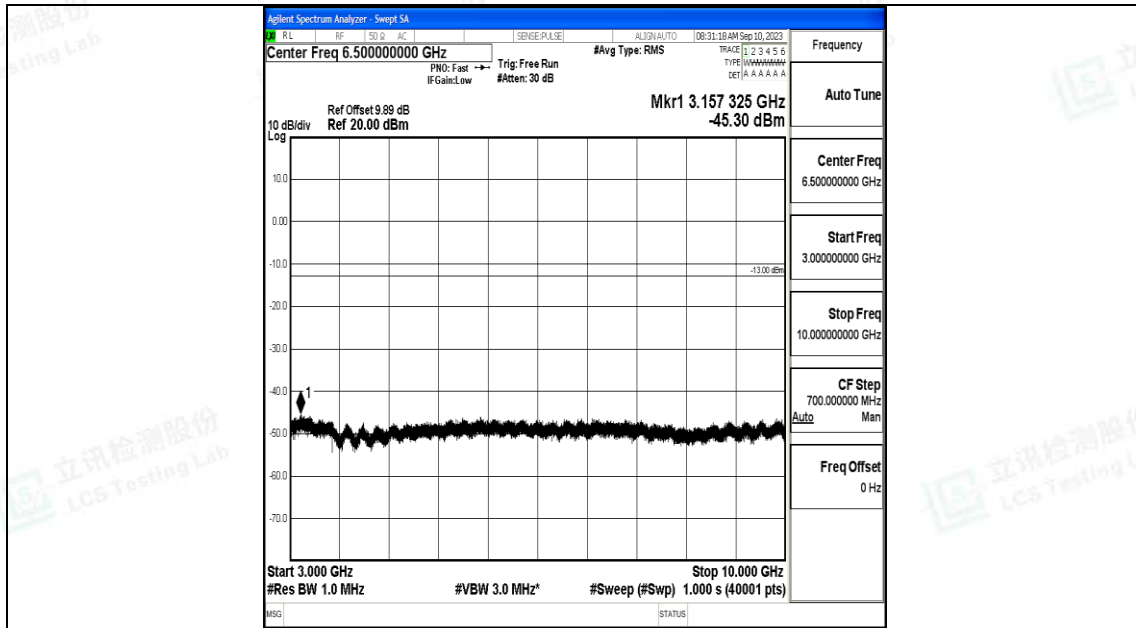


Band12_3MHz_QPSK_23025_1RB#0_30~1000_30~1000

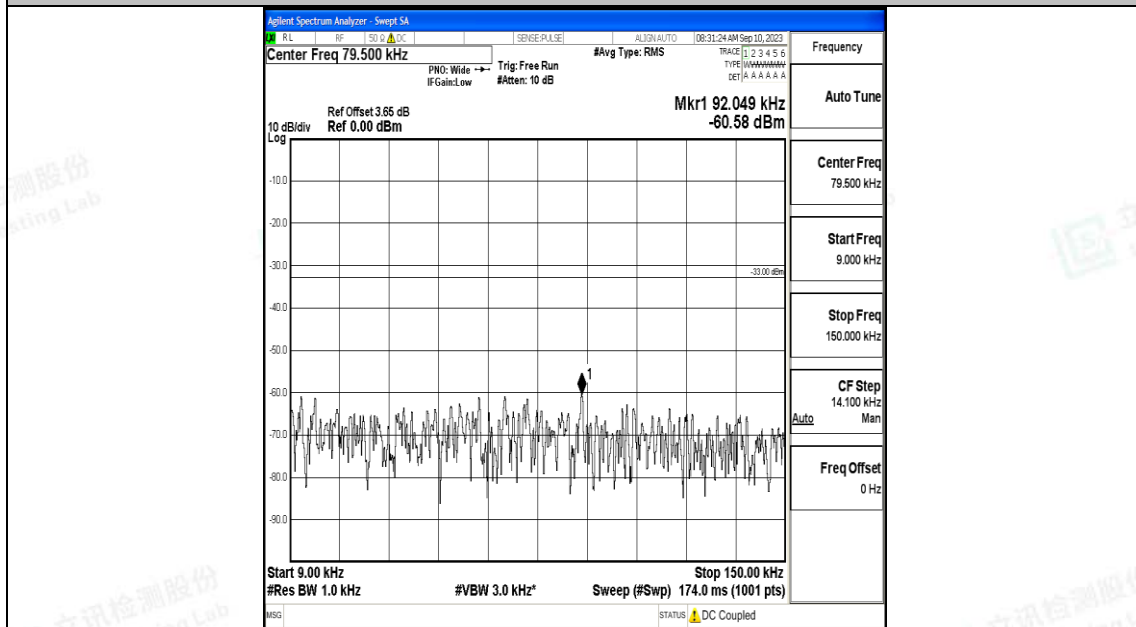


Band12_3MHz_QPSK_23025_1RB#0_1000~3000_1000~3000



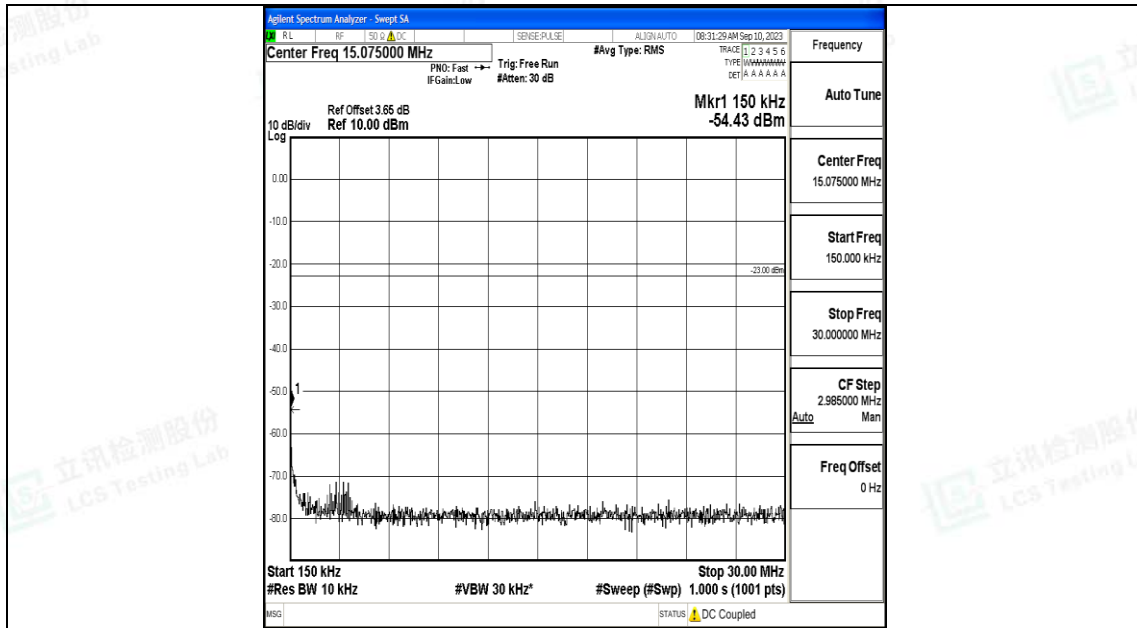


Band12_3MHz_QPSK_23025_1RB#0_3000~10000_3000~10000

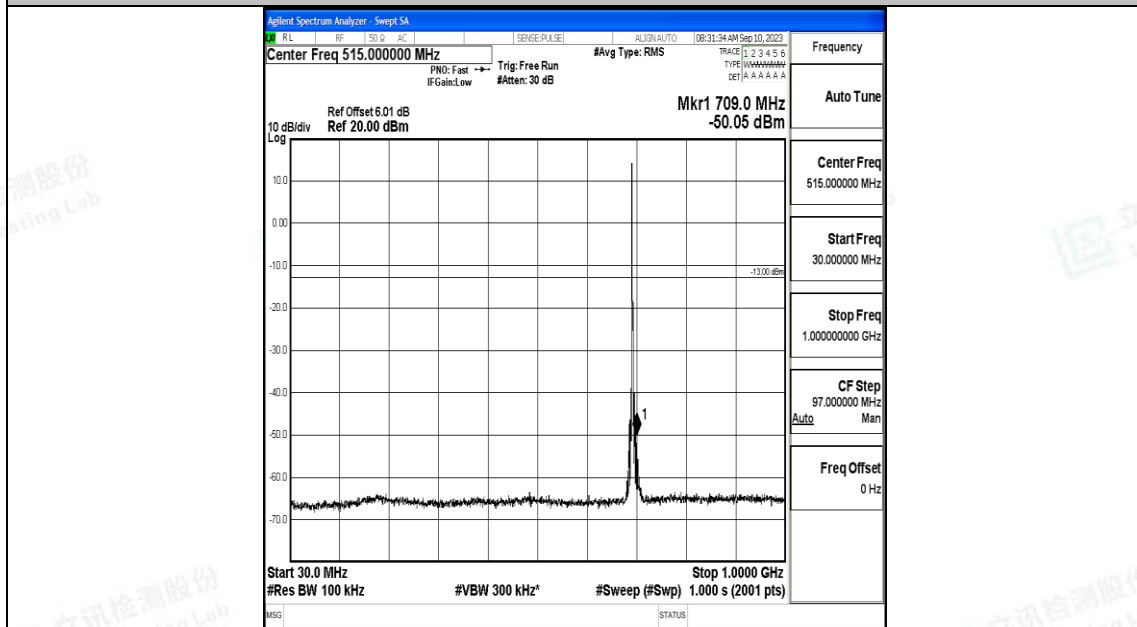


Band12_3MHz_16QAM_23025_1RB#0_0.009~0.15_0.009~0.15



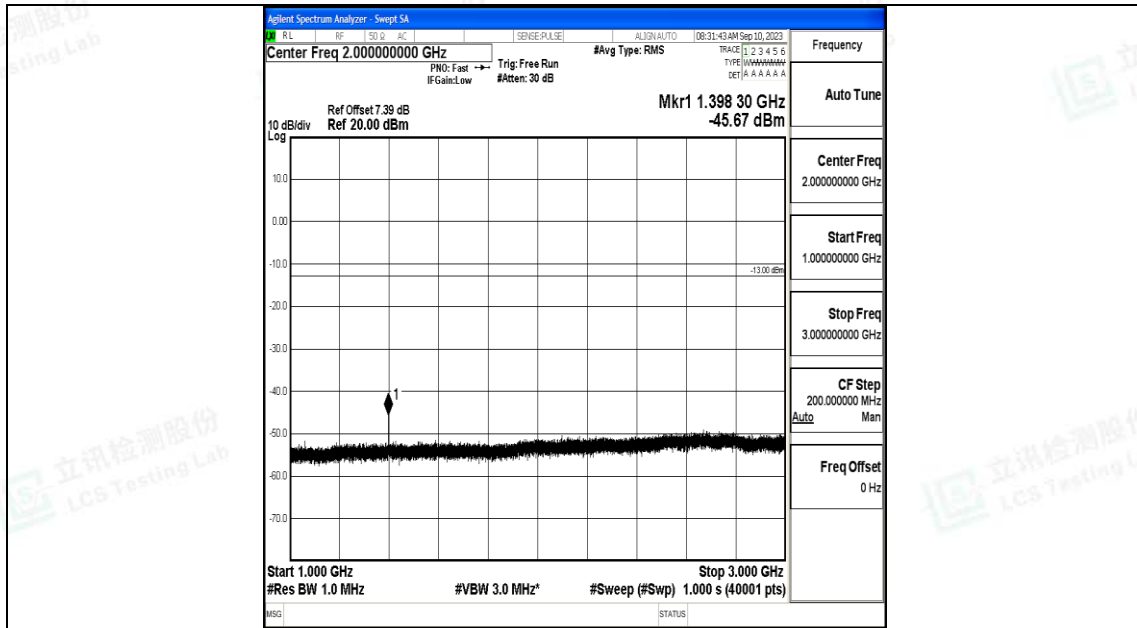


Band12_3MHz_16QAM_23025_1RB#0_0.15~30_0.15~30

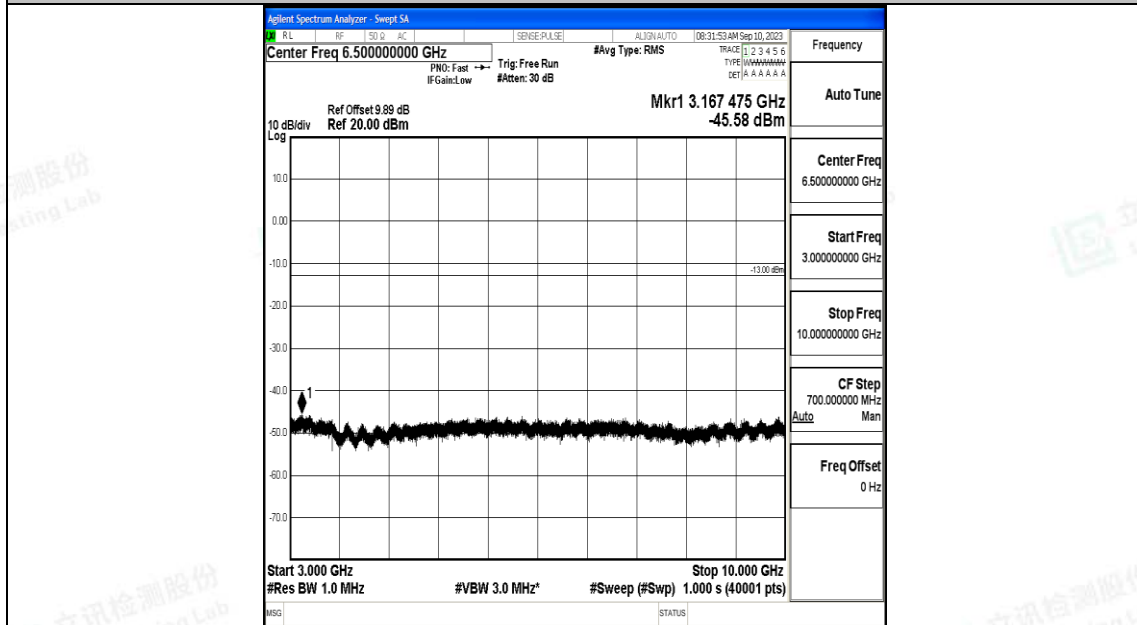


Band12_3MHz_16QAM_23025_1RB#0_30~1000_30~1000



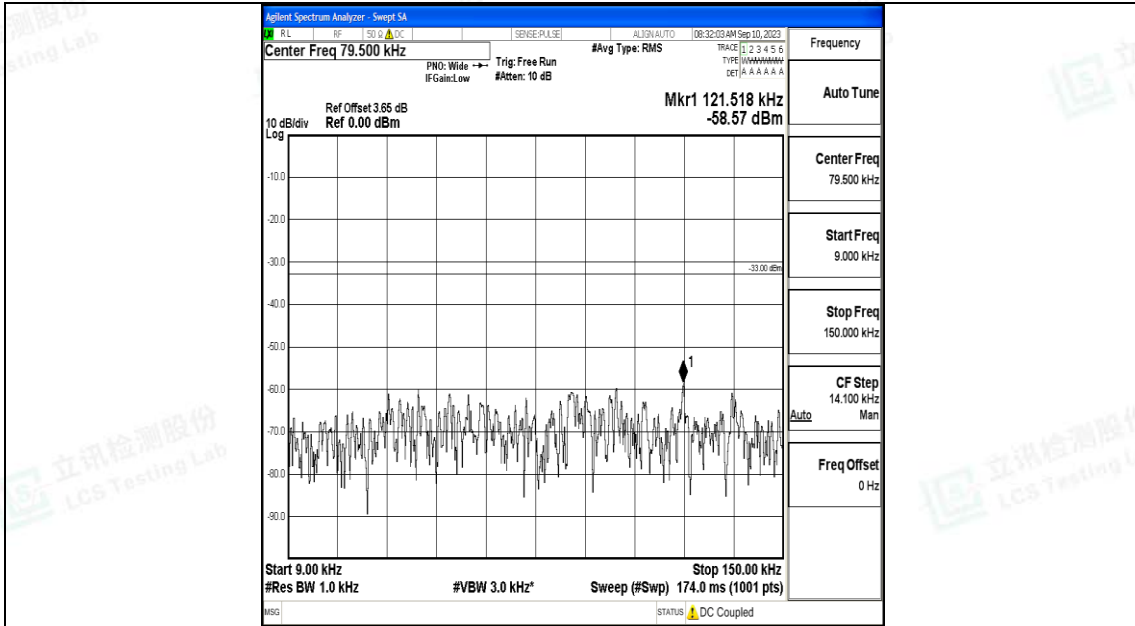


Band12_3MHz_16QAM_23025_1RB#0_1000~3000_1000~3000

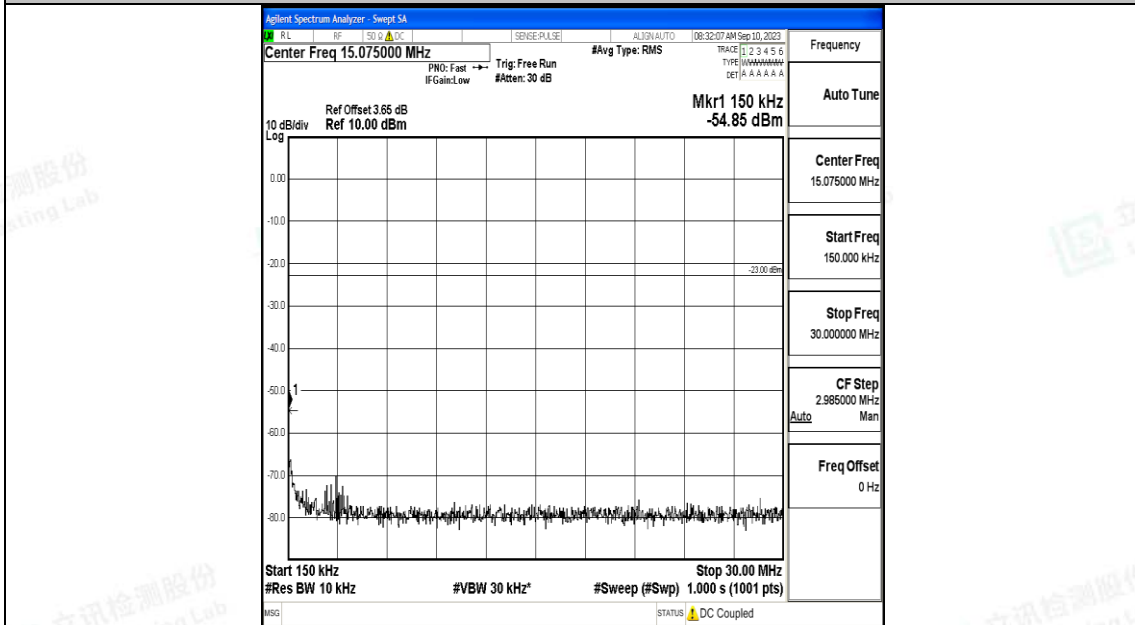


Band12_3MHz_16QAM_23025_1RB#0_3000~10000_3000~10000





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

