



Appendix L: Test Data for E-UTRA Band 2

Product Name: APOLLO

Test Model: APOLLO 7PRO

Environmental Conditions

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



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Scan code to check authenticity



L.1 Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	21.98	PASS
Band12	1.4MHz	QPSK	23017	1RB#2	22.02	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	22.02	PASS
Band12	1.4MHz	QPSK	23017	3RB#0	22.00	PASS
Band12	1.4MHz	QPSK	23017	3RB#1	22.10	PASS
Band12	1.4MHz	QPSK	23017	3RB#3	22.16	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	21.25	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	22.32	PASS
Band12	1.4MHz	QPSK	23095	1RB#2	22.46	PASS
Band12	1.4MHz	QPSK	23095	1RB#5	22.42	PASS
Band12	1.4MHz	QPSK	23095	3RB#0	22.34	PASS
Band12	1.4MHz	QPSK	23095	3RB#1	22.33	PASS
Band12	1.4MHz	QPSK	23095	3RB#3	22.29	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	21.44	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	22.51	PASS
Band12	1.4MHz	QPSK	23173	1RB#2	22.68	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	22.57	PASS
Band12	1.4MHz	QPSK	23173	3RB#0	22.46	PASS
Band12	1.4MHz	QPSK	23173	3RB#1	22.45	PASS
Band12	1.4MHz	QPSK	23173	3RB#3	22.45	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	21.71	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	21.19	PASS
Band12	1.4MHz	16QAM	23017	1RB#2	21.34	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	21.27	PASS
Band12	1.4MHz	16QAM	23017	3RB#0	20.90	PASS
Band12	1.4MHz	16QAM	23017	3RB#1	20.99	PASS
Band12	1.4MHz	16QAM	23017	3RB#3	21.05	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	20.24	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	21.25	PASS
Band12	1.4MHz	16QAM	23095	1RB#2	21.45	PASS





Band12	1.4MHz	16QAM	23095	1RB#5	21.28	PASS
Band12	1.4MHz	16QAM	23095	3RB#0	21.35	PASS
Band12	1.4MHz	16QAM	23095	3RB#1	21.29	PASS
Band12	1.4MHz	16QAM	23095	3RB#3	21.21	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	20.43	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	21.69	PASS
Band12	1.4MHz	16QAM	23173	1RB#2	21.78	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	21.61	PASS
Band12	1.4MHz	16QAM	23173	3RB#0	21.46	PASS
Band12	1.4MHz	16QAM	23173	3RB#1	21.47	PASS
Band12	1.4MHz	16QAM	23173	3RB#3	21.55	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	20.69	PASS
Band12	3MHz	QPSK	23025	1RB#0	22.05	PASS
Band12	3MHz	QPSK	23025	1RB#8	22.24	PASS
Band12	3MHz	QPSK	23025	1RB#14	22.16	PASS
Band12	3MHz	QPSK	23025	8RB#0	21.25	PASS
Band12	3MHz	QPSK	23025	8RB#4	21.26	PASS
Band12	3MHz	QPSK	23025	8RB#7	21.22	PASS
Band12	3MHz	QPSK	23025	15RB#0	21.25	PASS
Band12	3MHz	QPSK	23095	1RB#0	22.30	PASS
Band12	3MHz	QPSK	23095	1RB#8	22.36	PASS
Band12	3MHz	QPSK	23095	1RB#14	22.35	PASS
Band12	3MHz	QPSK	23095	8RB#0	21.37	PASS
Band12	3MHz	QPSK	23095	8RB#4	21.37	PASS
Band12	3MHz	QPSK	23095	8RB#7	21.34	PASS
Band12	3MHz	QPSK	23095	15RB#0	21.39	PASS
Band12	3MHz	QPSK	23165	1RB#0	22.61	PASS
Band12	3MHz	QPSK	23165	1RB#8	22.52	PASS
Band12	3MHz	QPSK	23165	1RB#14	22.46	PASS
Band12	3MHz	QPSK	23165	8RB#0	21.69	PASS
Band12	3MHz	QPSK	23165	8RB#4	21.69	PASS
Band12	3MHz	QPSK	23165	8RB#7	21.62	PASS
Band12	3MHz	QPSK	23165	15RB#0	21.66	PASS
Band12	3MHz	16QAM	23025	1RB#0	21.33	PASS
Band12	3MHz	16QAM	23025	1RB#8	21.36	PASS





Band12	3MHz	16QAM	23025	1RB#14	21.34	PASS
Band12	3MHz	16QAM	23025	8RB#0	20.31	PASS
Band12	3MHz	16QAM	23025	8RB#4	20.26	PASS
Band12	3MHz	16QAM	23025	8RB#7	20.22	PASS
Band12	3MHz	16QAM	23025	15RB#0	20.26	PASS
Band12	3MHz	16QAM	23095	1RB#0	21.70	PASS
Band12	3MHz	16QAM	23095	1RB#8	21.60	PASS
Band12	3MHz	16QAM	23095	1RB#14	21.59	PASS
Band12	3MHz	16QAM	23095	8RB#0	20.34	PASS
Band12	3MHz	16QAM	23095	8RB#4	20.36	PASS
Band12	3MHz	16QAM	23095	8RB#7	20.37	PASS
Band12	3MHz	16QAM	23095	15RB#0	20.36	PASS
Band12	3MHz	16QAM	23165	1RB#0	21.54	PASS
Band12	3MHz	16QAM	23165	1RB#8	21.54	PASS
Band12	3MHz	16QAM	23165	1RB#14	21.52	PASS
Band12	3MHz	16QAM	23165	8RB#0	20.67	PASS
Band12	3MHz	16QAM	23165	8RB#4	20.66	PASS
Band12	3MHz	16QAM	23165	8RB#7	20.59	PASS
Band12	3MHz	16QAM	23165	15RB#0	20.62	PASS
Band12	5MHz	QPSK	23035	1RB#0	22.22	PASS
Band12	5MHz	QPSK	23035	1RB#12	22.30	PASS
Band12	5MHz	QPSK	23035	1RB#24	22.26	PASS
Band12	5MHz	QPSK	23035	12RB#0	21.19	PASS
Band12	5MHz	QPSK	23035	12RB#6	21.19	PASS
Band12	5MHz	QPSK	23035	12RB#13	21.21	PASS
Band12	5MHz	QPSK	23035	25RB#0	21.19	PASS
Band12	5MHz	QPSK	23095	1RB#0	22.45	PASS
Band12	5MHz	QPSK	23095	1RB#12	22.49	PASS
Band12	5MHz	QPSK	23095	1RB#24	22.46	PASS
Band12	5MHz	QPSK	23095	12RB#0	21.44	PASS
Band12	5MHz	QPSK	23095	12RB#6	21.37	PASS
Band12	5MHz	QPSK	23095	12RB#13	21.41	PASS
Band12	5MHz	QPSK	23095	25RB#0	21.38	PASS
Band12	5MHz	QPSK	23155	1RB#0	22.67	PASS
Band12	5MHz	QPSK	23155	1RB#12	22.57	PASS





Band12	5MHz	QPSK	23155	1RB#24	22.42	PASS
Band12	5MHz	QPSK	23155	12RB#0	21.54	PASS
Band12	5MHz	QPSK	23155	12RB#6	21.54	PASS
Band12	5MHz	QPSK	23155	12RB#13	21.57	PASS
Band12	5MHz	QPSK	23155	25RB#0	21.58	PASS
Band12	5MHz	16QAM	23035	1RB#0	21.16	PASS
Band12	5MHz	16QAM	23035	1RB#12	21.28	PASS
Band12	5MHz	16QAM	23035	1RB#24	21.30	PASS
Band12	5MHz	16QAM	23035	12RB#0	20.14	PASS
Band12	5MHz	16QAM	23035	12RB#6	20.15	PASS
Band12	5MHz	16QAM	23035	12RB#13	20.18	PASS
Band12	5MHz	16QAM	23035	25RB#0	20.21	PASS
Band12	5MHz	16QAM	23095	1RB#0	21.80	PASS
Band12	5MHz	16QAM	23095	1RB#12	21.88	PASS
Band12	5MHz	16QAM	23095	1RB#24	21.77	PASS
Band12	5MHz	16QAM	23095	12RB#0	20.41	PASS
Band12	5MHz	16QAM	23095	12RB#6	20.41	PASS
Band12	5MHz	16QAM	23095	12RB#13	20.44	PASS
Band12	5MHz	16QAM	23095	25RB#0	20.41	PASS
Band12	5MHz	16QAM	23155	1RB#0	21.73	PASS
Band12	5MHz	16QAM	23155	1RB#12	21.67	PASS
Band12	5MHz	16QAM	23155	1RB#24	21.57	PASS
Band12	5MHz	16QAM	23155	12RB#0	20.63	PASS
Band12	5MHz	16QAM	23155	12RB#6	20.62	PASS
Band12	5MHz	16QAM	23155	12RB#13	20.50	PASS
Band12	5MHz	16QAM	23155	25RB#0	20.66	PASS
Band12	10MHz	QPSK	23060	1RB#0	22.55	PASS
Band12	10MHz	QPSK	23060	1RB#24	21.98	PASS
Band12	10MHz	QPSK	23060	1RB#49	22.49	PASS
Band12	10MHz	QPSK	23060	25RB#0	21.41	PASS
Band12	10MHz	QPSK	23060	25RB#12	21.42	PASS
Band12	10MHz	QPSK	23060	25RB#25	21.41	PASS
Band12	10MHz	QPSK	23060	50RB#0	21.40	PASS
Band12	10MHz	QPSK	23095	1RB#0	22.56	PASS
Band12	10MHz	QPSK	23095	1RB#24	22.19	PASS





Band12	10MHz	QPSK	23095	1RB#49	22.51	PASS
Band12	10MHz	QPSK	23095	25RB#0	21.38	PASS
Band12	10MHz	QPSK	23095	25RB#12	21.42	PASS
Band12	10MHz	QPSK	23095	25RB#25	21.41	PASS
Band12	10MHz	QPSK	23095	50RB#0	21.46	PASS
Band12	10MHz	QPSK	23130	1RB#0	22.62	PASS
Band12	10MHz	QPSK	23130	1RB#24	22.60	PASS
Band12	10MHz	QPSK	23130	1RB#49	22.57	PASS
Band12	10MHz	QPSK	23130	25RB#0	21.63	PASS
Band12	10MHz	QPSK	23130	25RB#12	21.62	PASS
Band12	10MHz	QPSK	23130	25RB#25	21.59	PASS
Band12	10MHz	QPSK	23130	50RB#0	21.58	PASS
Band12	10MHz	16QAM	23060	1RB#0	21.95	PASS
Band12	10MHz	16QAM	23060	1RB#24	21.66	PASS
Band12	10MHz	16QAM	23060	1RB#49	21.83	PASS
Band12	10MHz	16QAM	23060	25RB#0	20.38	PASS
Band12	10MHz	16QAM	23060	25RB#12	20.39	PASS
Band12	10MHz	16QAM	23060	25RB#25	20.45	PASS
Band12	10MHz	16QAM	23060	50RB#0	20.37	PASS
Band12	10MHz	16QAM	23095	1RB#0	21.81	PASS
Band12	10MHz	16QAM	23095	1RB#24	21.43	PASS
Band12	10MHz	16QAM	23095	1RB#49	21.75	PASS
Band12	10MHz	16QAM	23095	25RB#0	20.56	PASS
Band12	10MHz	16QAM	23095	25RB#12	20.50	PASS
Band12	10MHz	16QAM	23095	25RB#25	20.43	PASS
Band12	10MHz	16QAM	23095	50RB#0	20.46	PASS
Band12	10MHz	16QAM	23130	1RB#0	21.60	PASS
Band12	10MHz	16QAM	23130	1RB#24	21.40	PASS
Band12	10MHz	16QAM	23130	1RB#49	21.64	PASS
Band12	10MHz	16QAM	23130	25RB#0	20.64	PASS
Band12	10MHz	16QAM	23130	25RB#12	20.63	PASS
Band12	10MHz	16QAM	23130	25RB#25	20.65	PASS
Band12	10MHz	16QAM	23130	50RB#0	20.58	PASS





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

Test Result

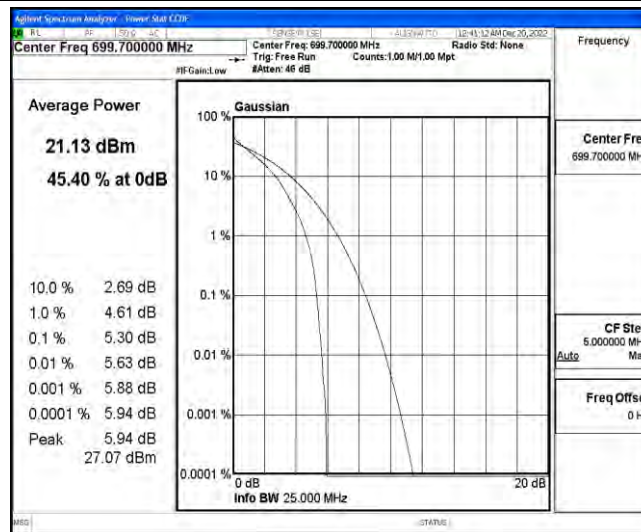
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	5.30	13	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	5.48	13	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	4.74	13	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	6.19	13	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	6.32	13	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	5.64	13	PASS
Band12	3MHz	QPSK	23025	15RB#0	5.48	13	PASS
Band12	3MHz	QPSK	23095	15RB#0	5.60	13	PASS
Band12	3MHz	QPSK	23165	15RB#0	5.13	13	PASS
Band12	3MHz	16QAM	23025	15RB#0	6.33	13	PASS
Band12	3MHz	16QAM	23095	15RB#0	6.42	13	PASS
Band12	3MHz	16QAM	23165	15RB#0	5.99	13	PASS
Band12	5MHz	QPSK	23035	25RB#0	5.40	13	PASS
Band12	5MHz	QPSK	23095	25RB#0	5.52	13	PASS
Band12	5MHz	QPSK	23155	25RB#0	5.11	13	PASS
Band12	5MHz	16QAM	23035	25RB#0	6.20	13	PASS
Band12	5MHz	16QAM	23095	25RB#0	6.32	13	PASS
Band12	5MHz	16QAM	23155	25RB#0	5.96	13	PASS
Band12	10MHz	QPSK	23060	50RB#0	5.34	13	PASS
Band12	10MHz	QPSK	23095	50RB#0	5.46	13	PASS
Band12	10MHz	QPSK	23130	50RB#0	5.33	13	PASS
Band12	10MHz	16QAM	23060	50RB#0	6.16	13	PASS
Band12	10MHz	16QAM	23095	50RB#0	6.23	13	PASS
Band12	10MHz	16QAM	23130	50RB#0	6.17	13	PASS



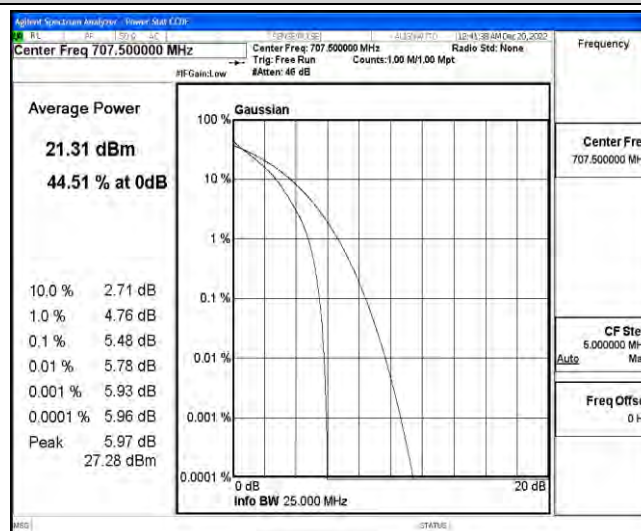


Test Graphs

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

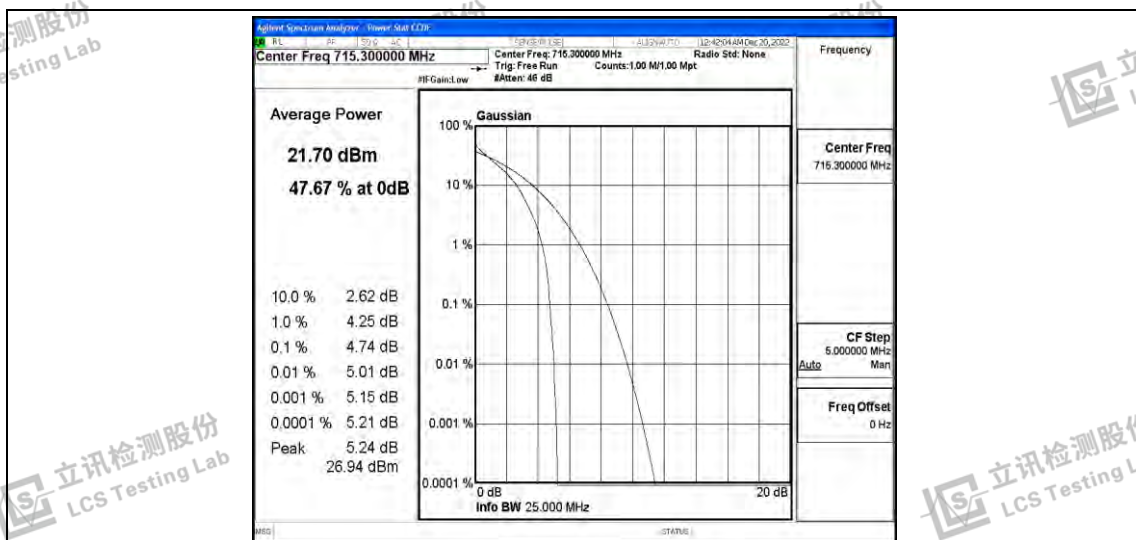


Band12-1.4MHz-QPSK-23095-6RB#0

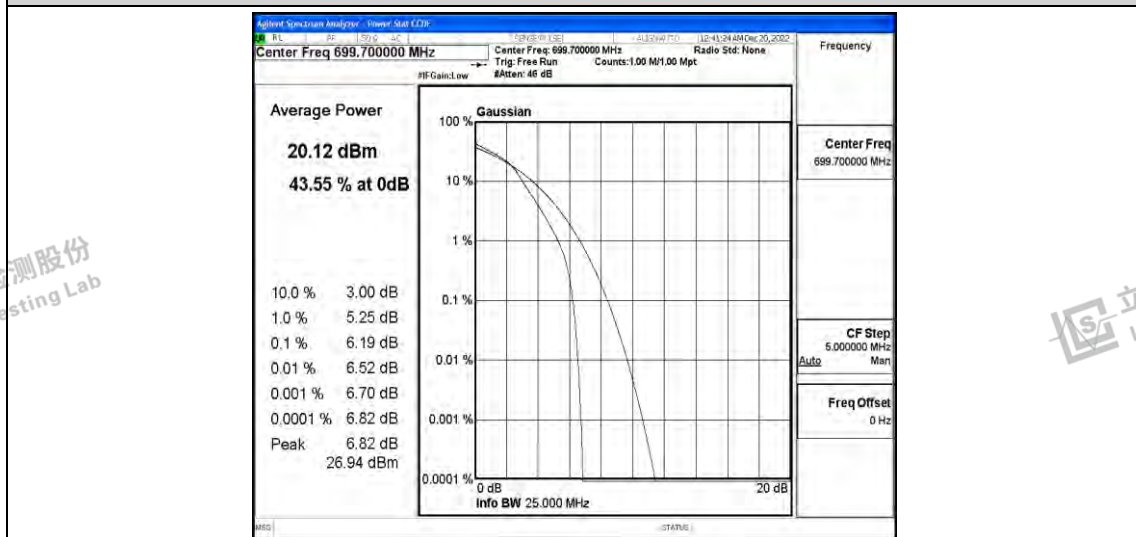


Band12-1.4MHz-QPSK-23173-6RB#0

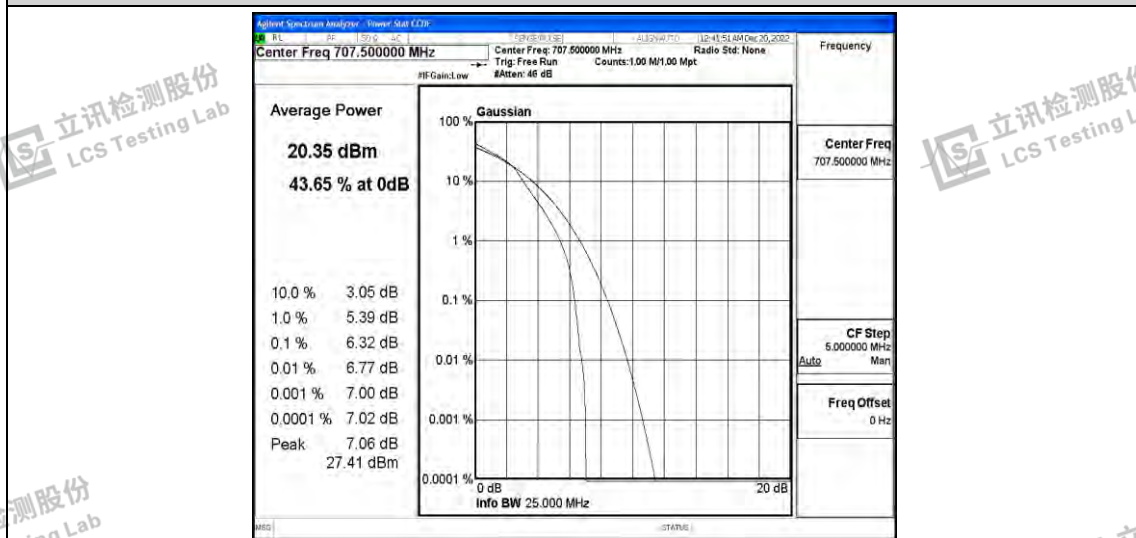




Band12-1.4MHz-16QAM-23017-6RB#0

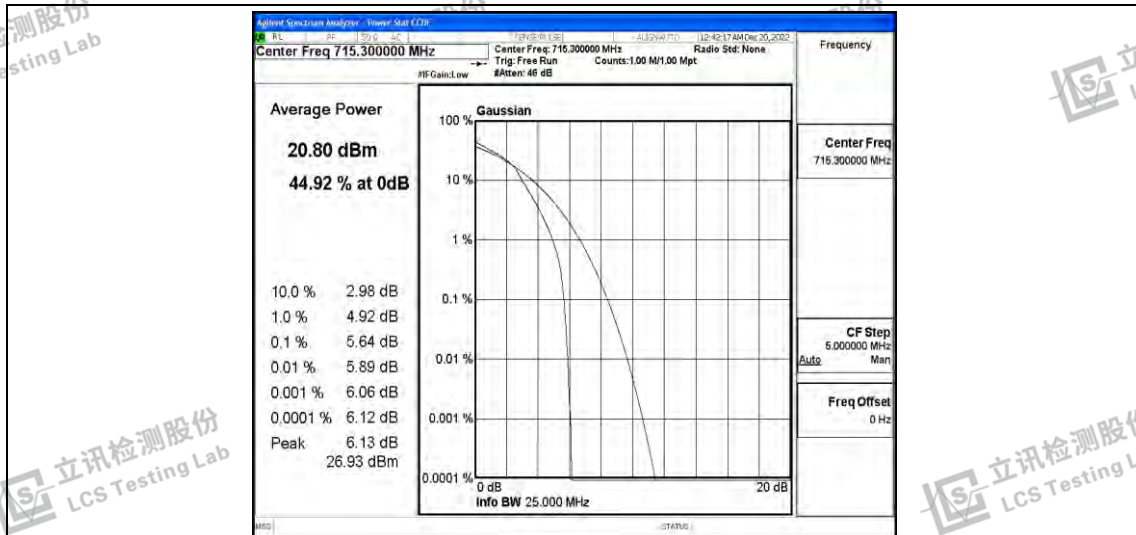


Band12-1.4MHz-16QAM-23095-6RB#0

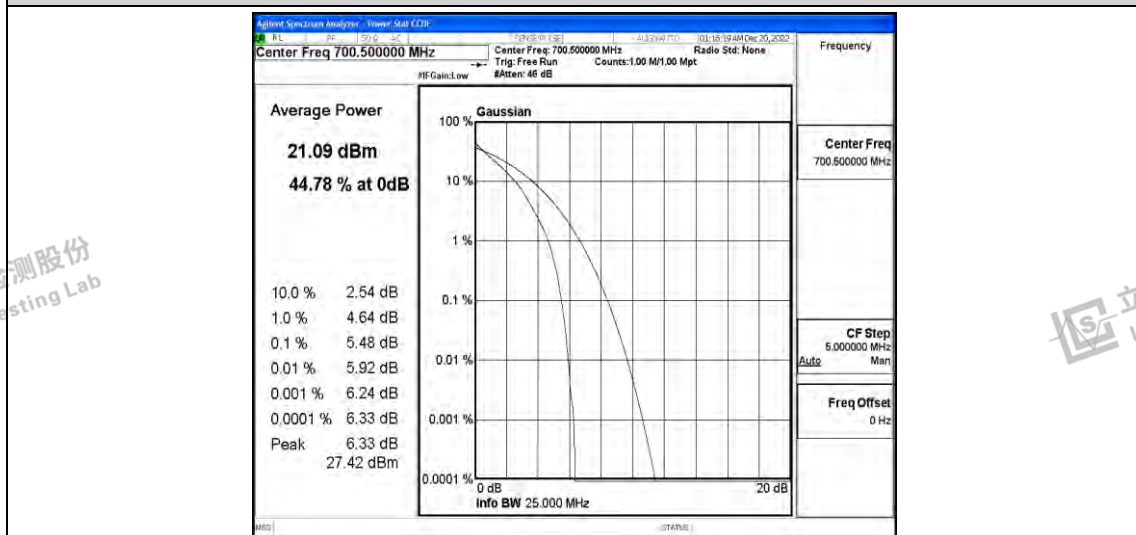


Band12-1.4MHz-16QAM-23173-6RB#0

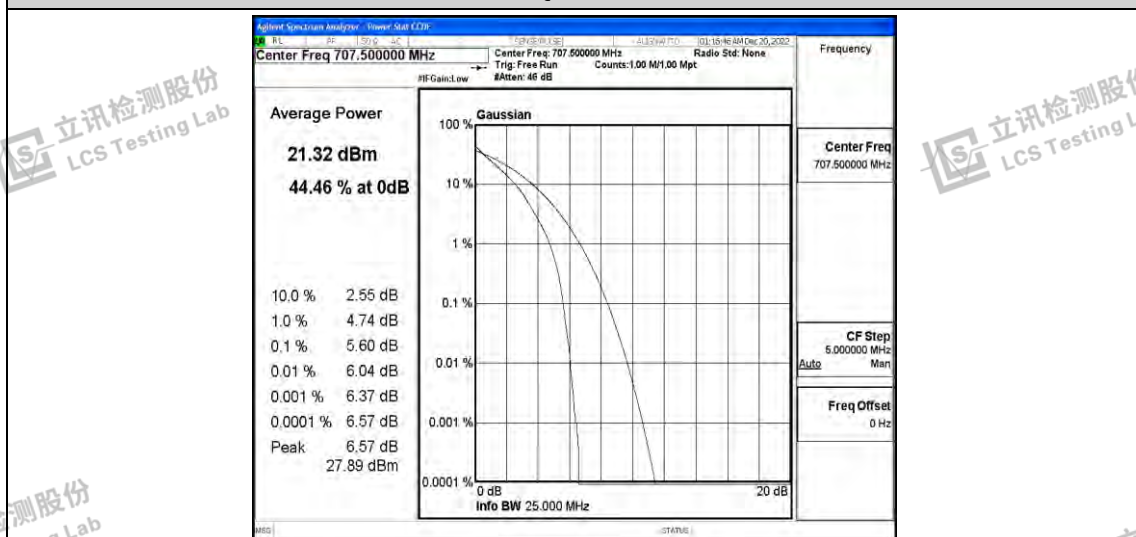




Band12-3MHz-QPSK-23025-15RB#0

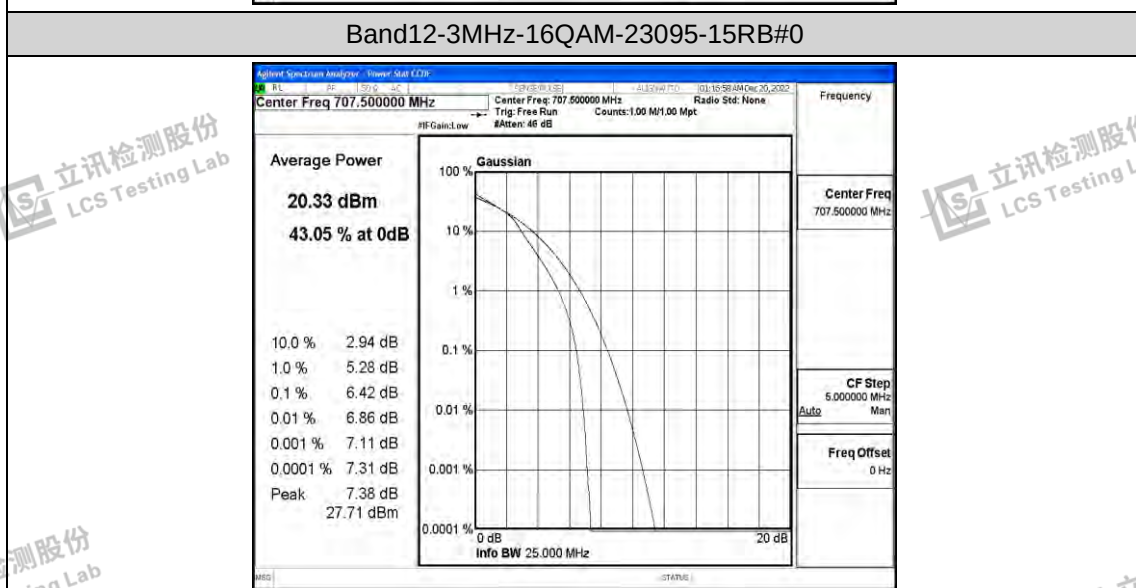
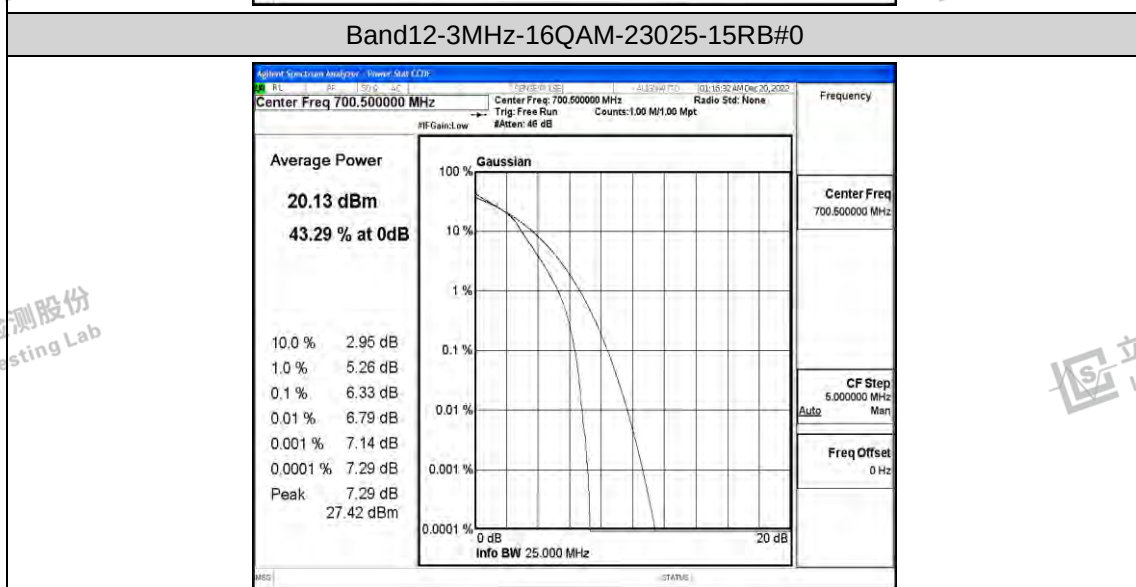
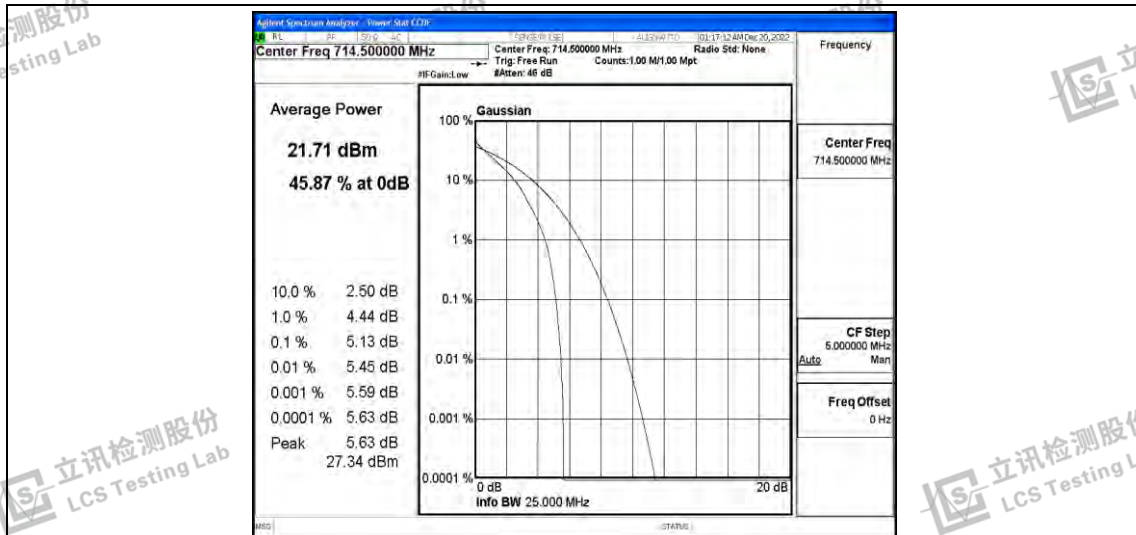


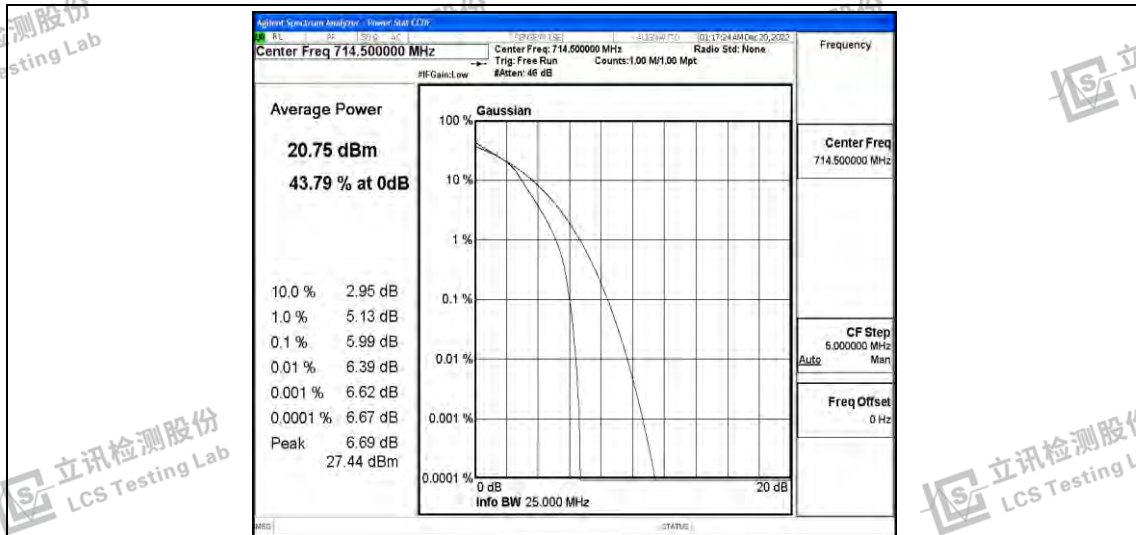
Band12-3MHz-QPSK-23095-15RB#0



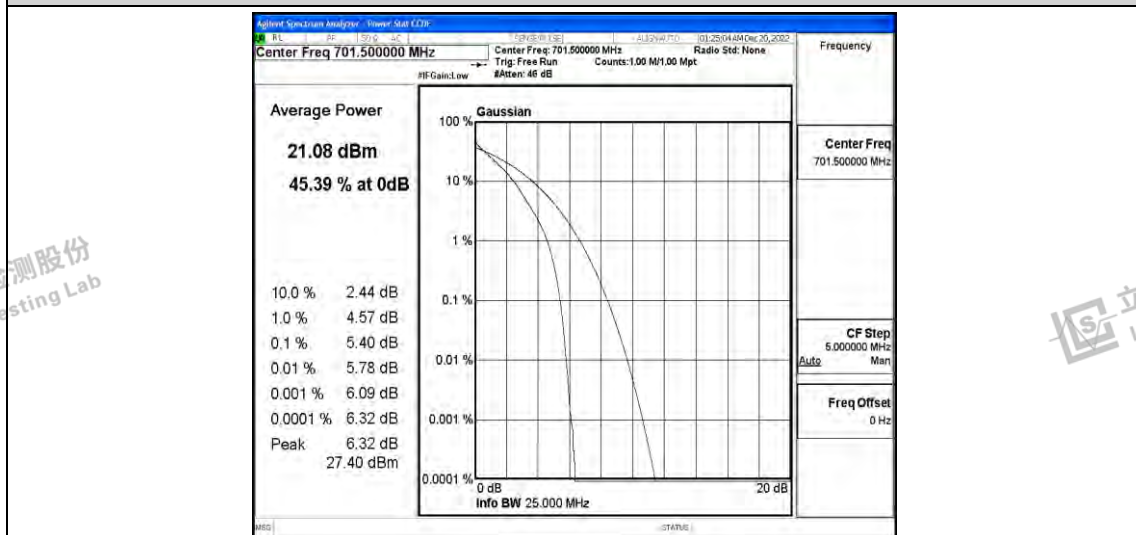
Band12-3MHz-QPSK-23165-15RB#0



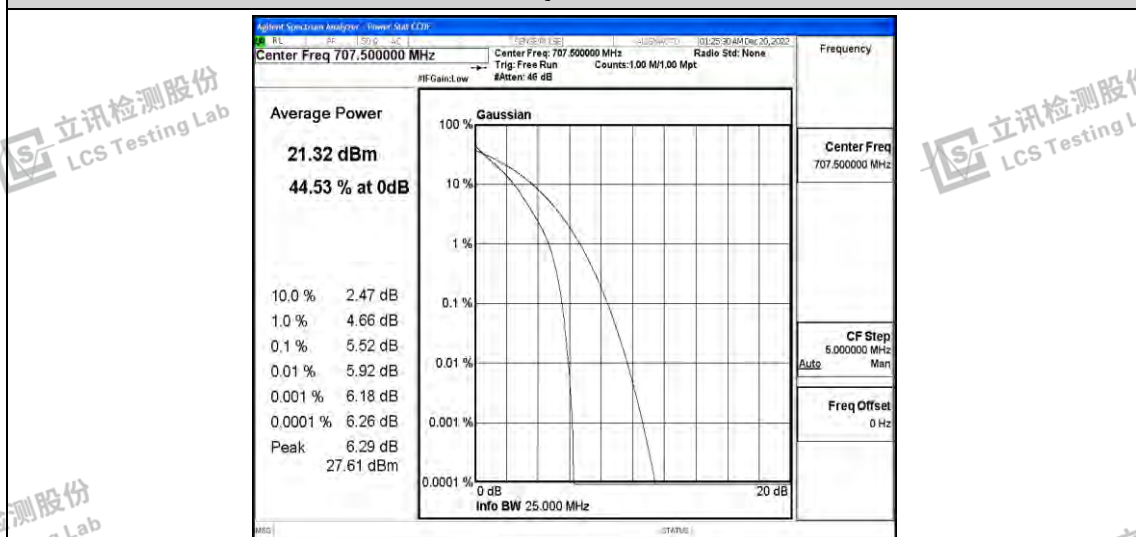




Band12-5MHz-QPSK-23035-25RB#0

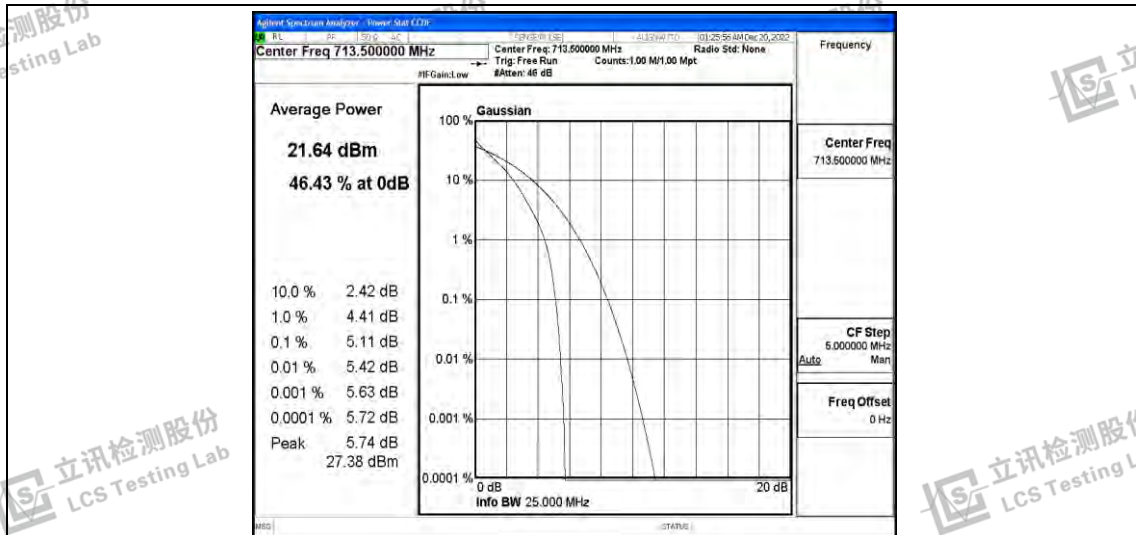


Band12-5MHz-QPSK-23095-25RB#0

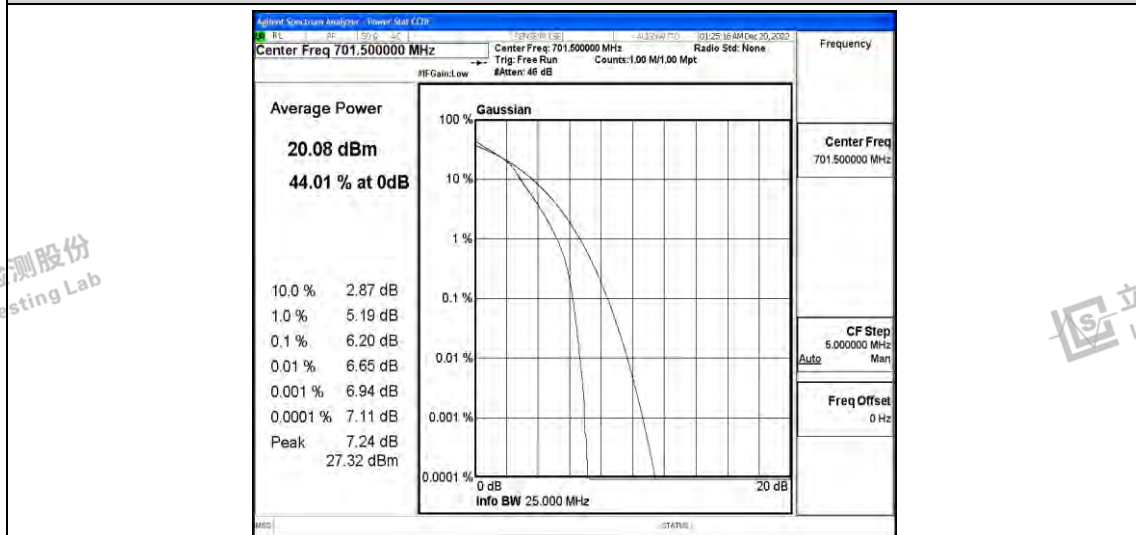


Band12-5MHz-QPSK-23155-25RB#0

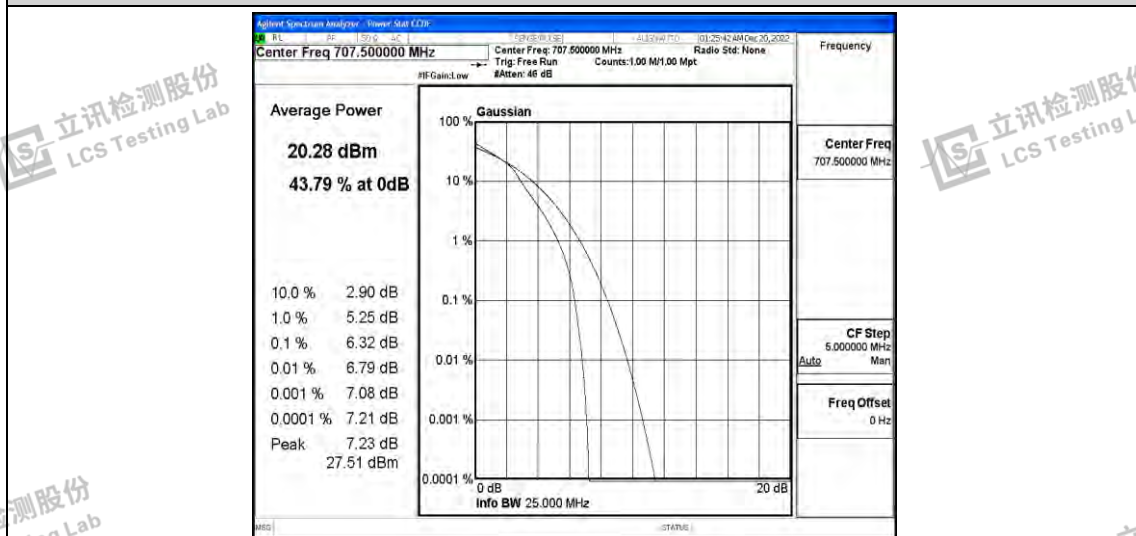




Band12-5MHz-16QAM-23035-25RB#0

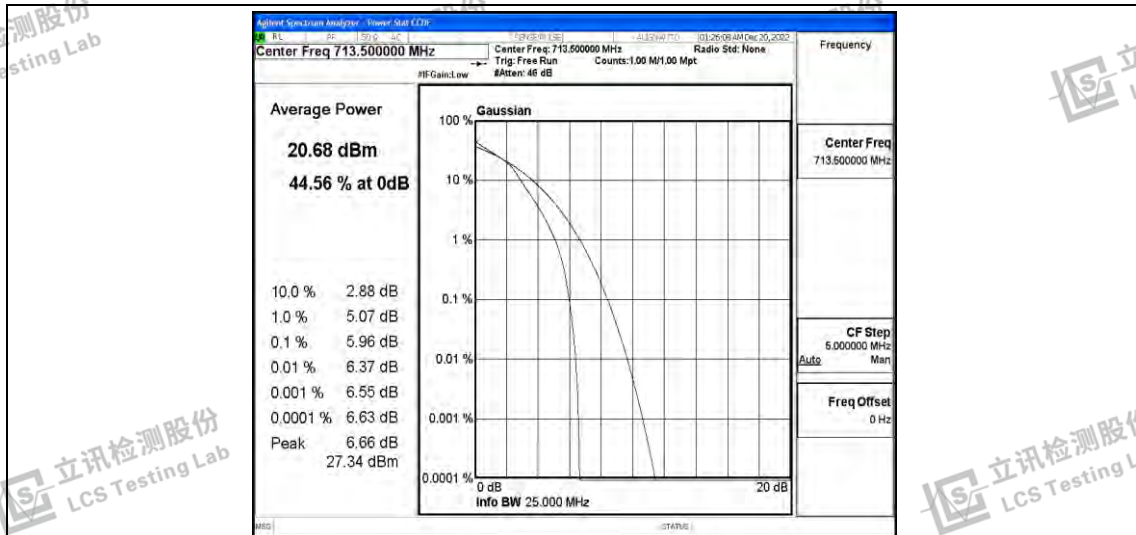


Band12-5MHz-16QAM-23095-25RB#0

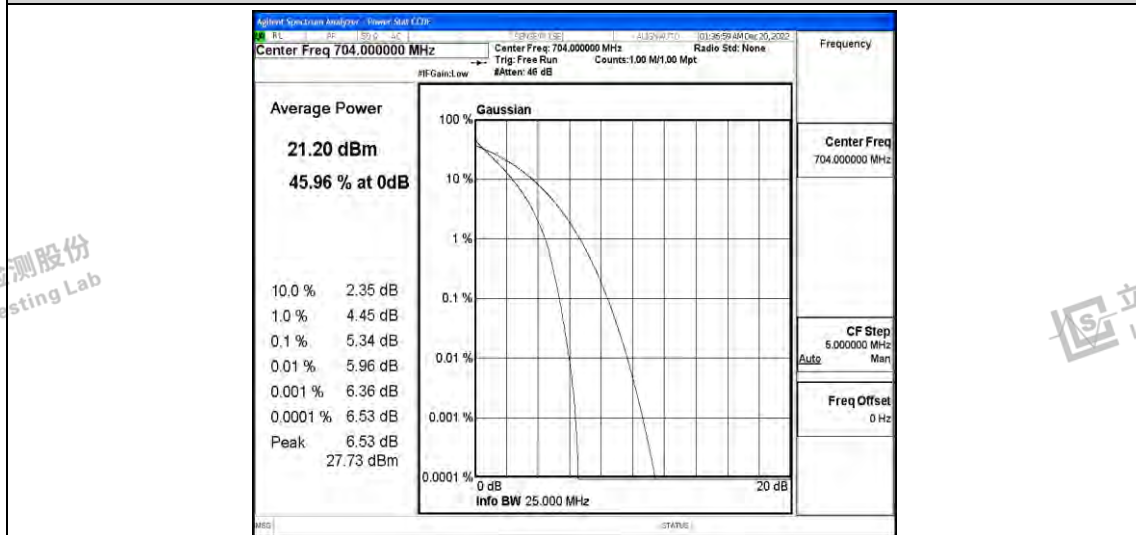


Band12-5MHz-16QAM-23155-25RB#0

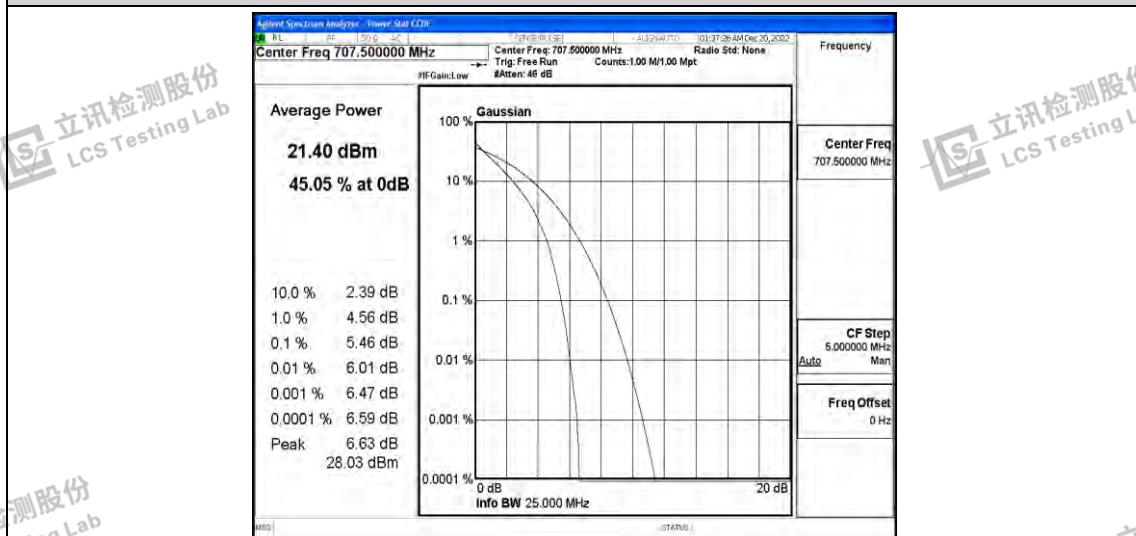




Band12-10MHz-QPSK-23060-50RB#0

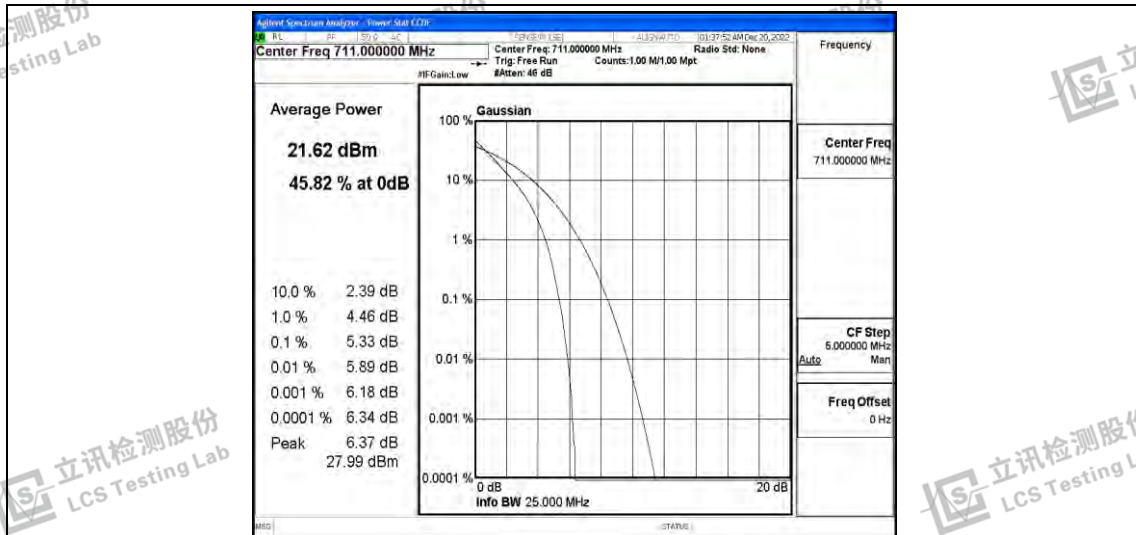


Band12-10MHz-QPSK-23095-50RB#0

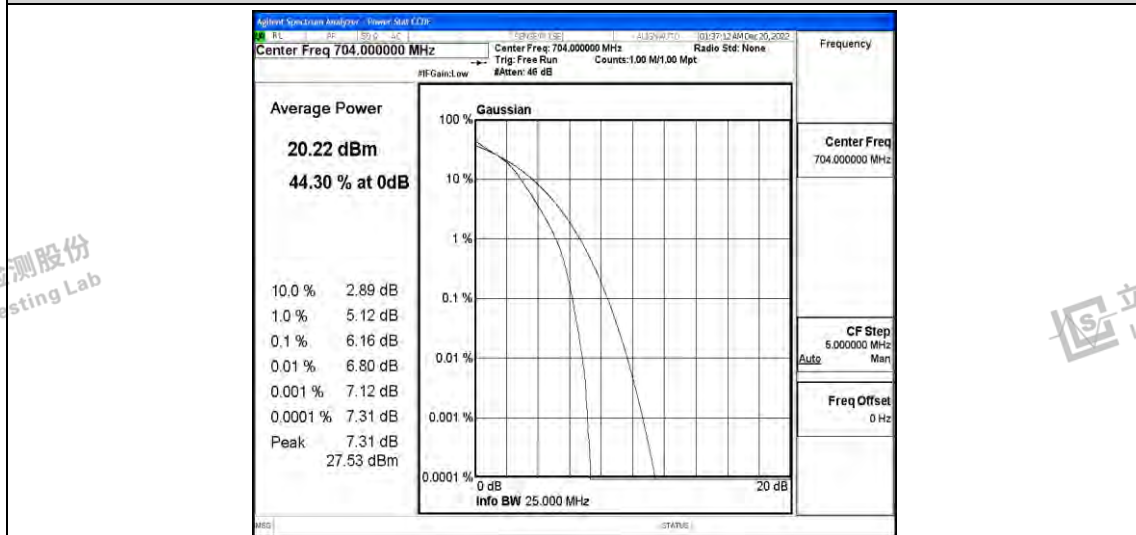


Band12-10MHz-QPSK-23130-50RB#0

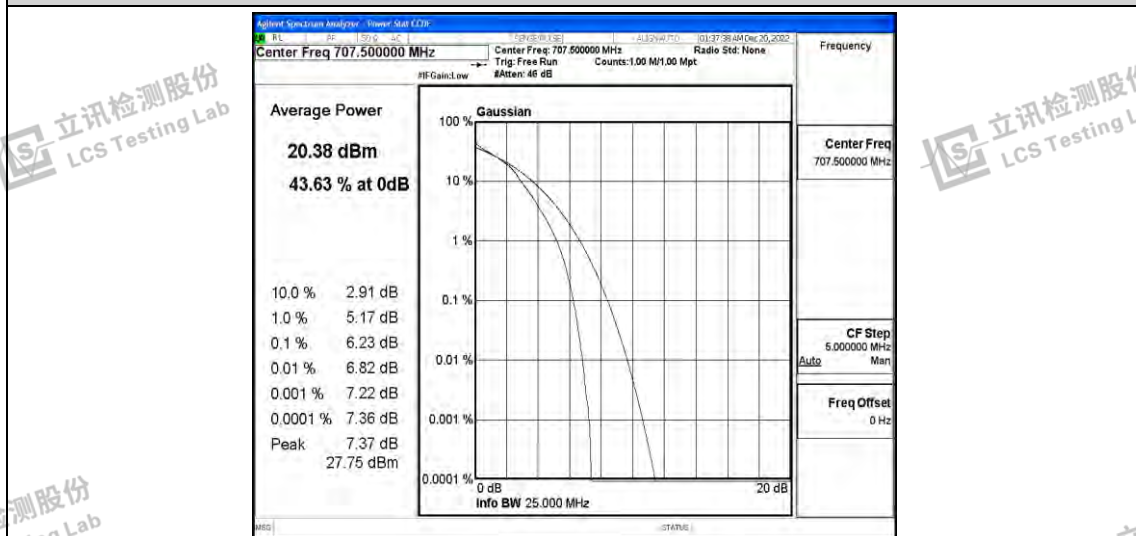




Band12-10MHz-16QAM-23060-50RB#0

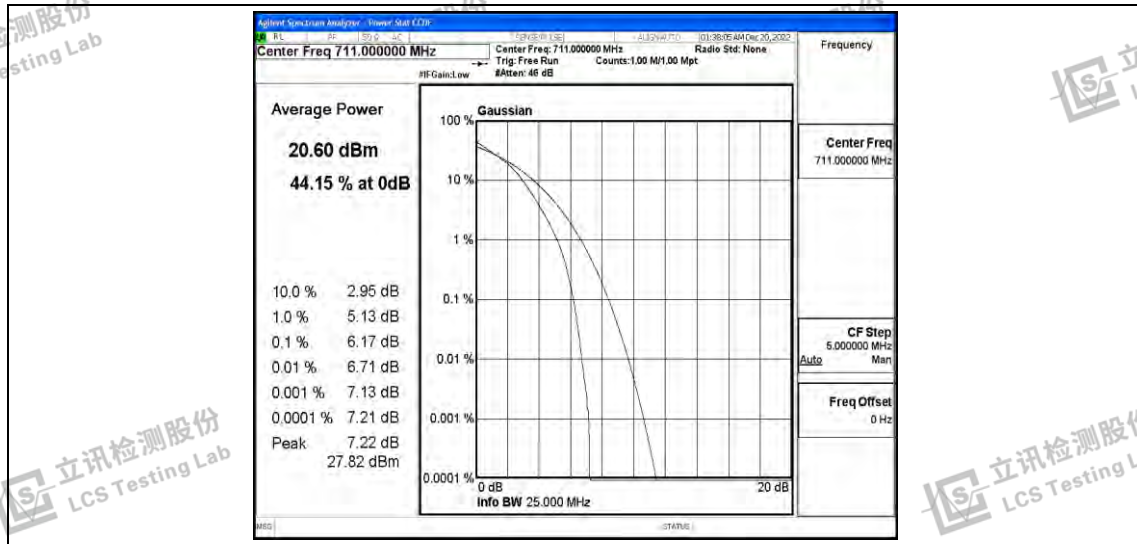


Band12-10MHz-16QAM-23095-50RB#0



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







L.3 26dB Bandwidth and Occupied Bandwidth

Test Result

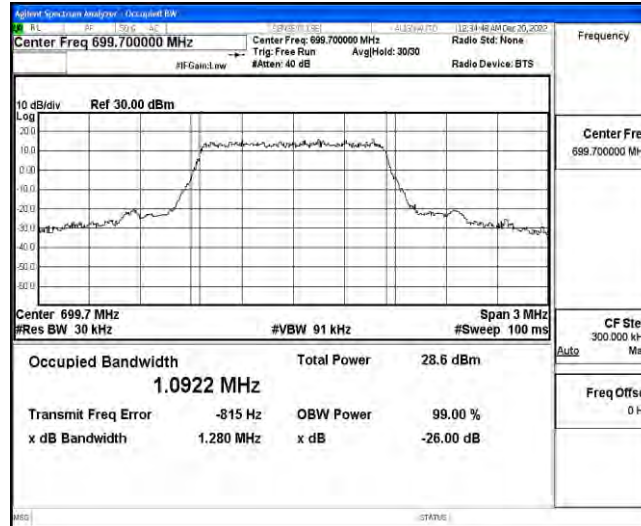
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	1.0922	1.280	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.0900	1.290	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.0938	1.281	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1.0967	1.294	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.0982	1.286	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1.0954	1.292	PASS
Band12	3MHz	QPSK	23025	15RB#0	2.6957	2.995	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.7040	2.970	PASS
Band12	3MHz	QPSK	23165	15RB#0	2.6970	2.973	PASS
Band12	3MHz	16QAM	23025	15RB#0	2.6998	2.977	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.6965	2.968	PASS
Band12	3MHz	16QAM	23165	15RB#0	2.6971	2.984	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.5305	5.034	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.5006	4.964	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.5037	5.001	PASS
Band12	5MHz	16QAM	23035	25RB#0	4.4985	4.986	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.5153	5.010	PASS
Band12	5MHz	16QAM	23155	25RB#0	4.5210	5.008	PASS
Band12	10MHz	QPSK	23060	50RB#0	8.9947	9.954	PASS
Band12	10MHz	QPSK	23095	50RB#0	8.9914	9.945	PASS
Band12	10MHz	QPSK	23130	50RB#0	8.9800	9.843	PASS
Band12	10MHz	16QAM	23060	50RB#0	8.9536	9.868	PASS
Band12	10MHz	16QAM	23095	50RB#0	9.0034	9.948	PASS
Band12	10MHz	16QAM	23130	50RB#0	8.9810	9.870	PASS



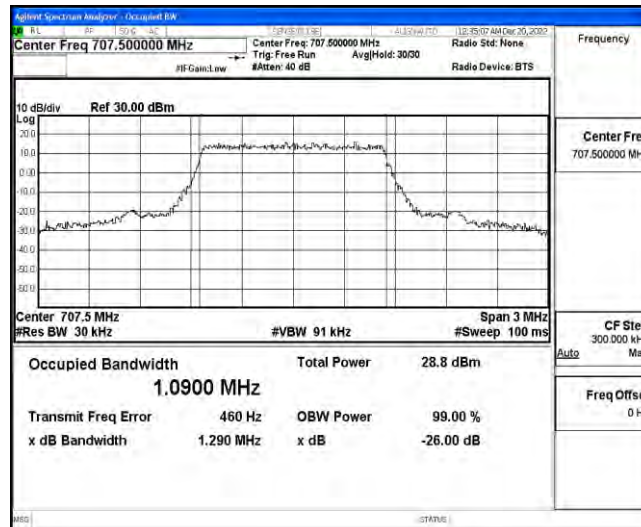


Test Graphs

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

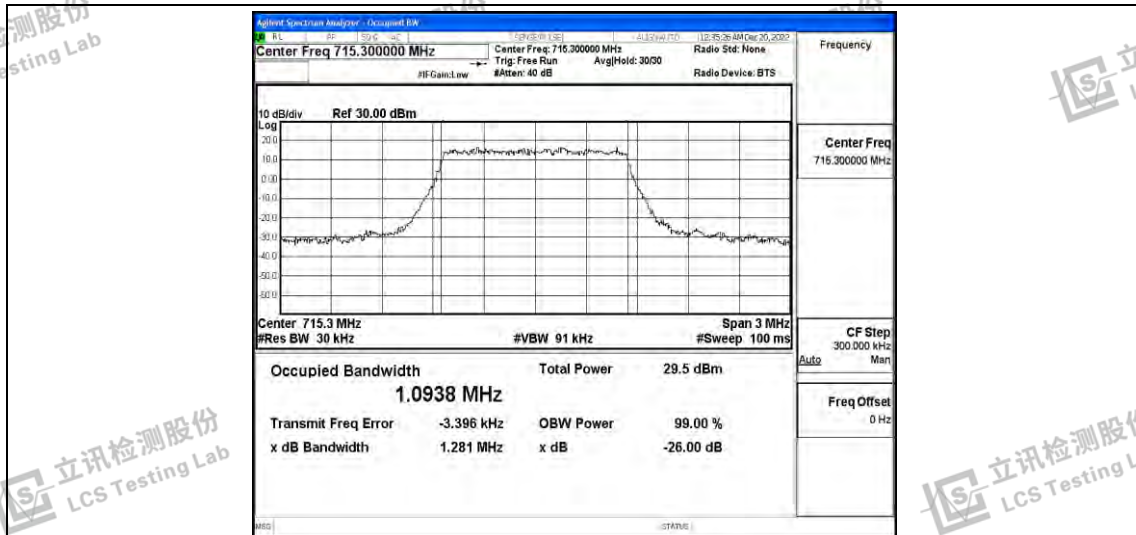


Band12-1.4MHz-QPSK-23095-6RB#0

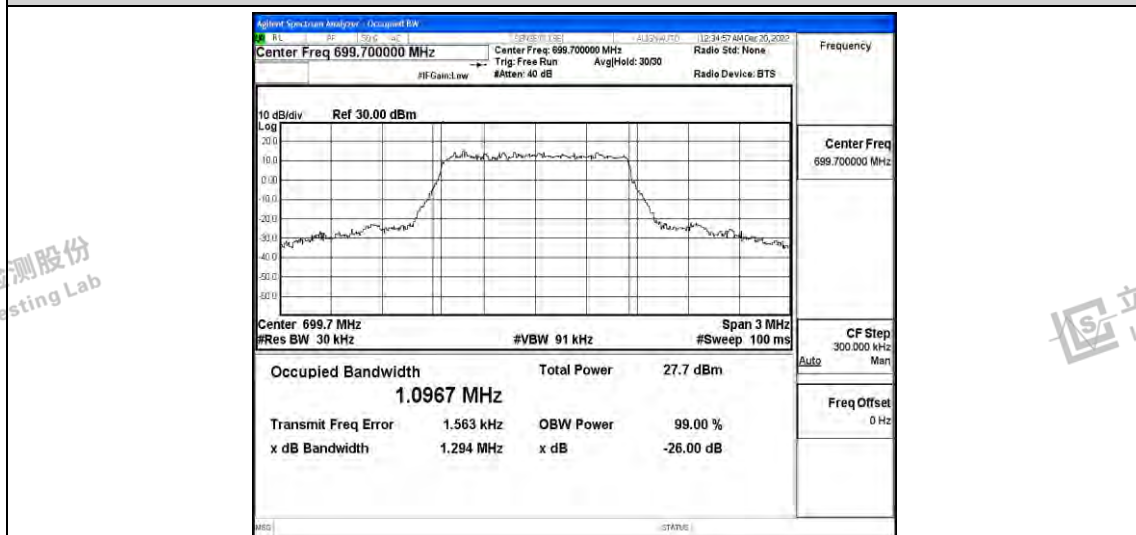


Band12-1.4MHz-QPSK-23173-6RB#0

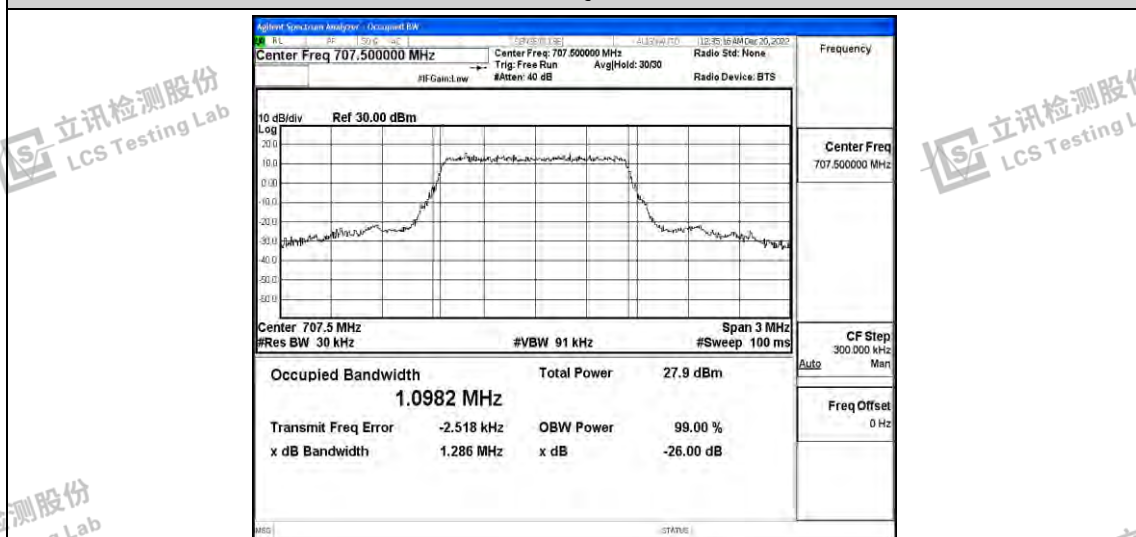




Band12-1.4MHz-16QAM-23017-6RB#0

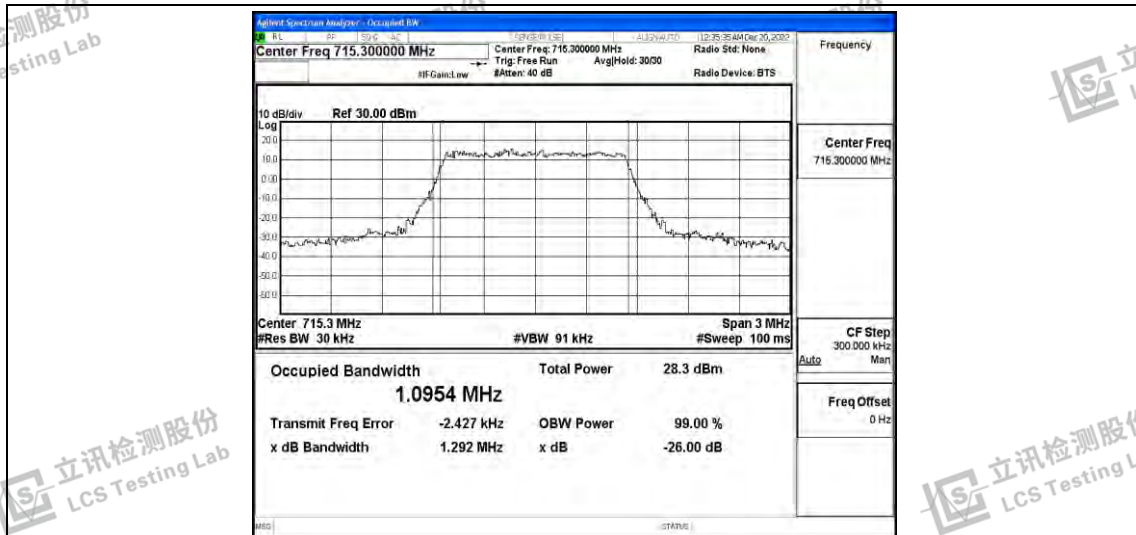


Band12-1.4MHz-16QAM-23095-6RB#0

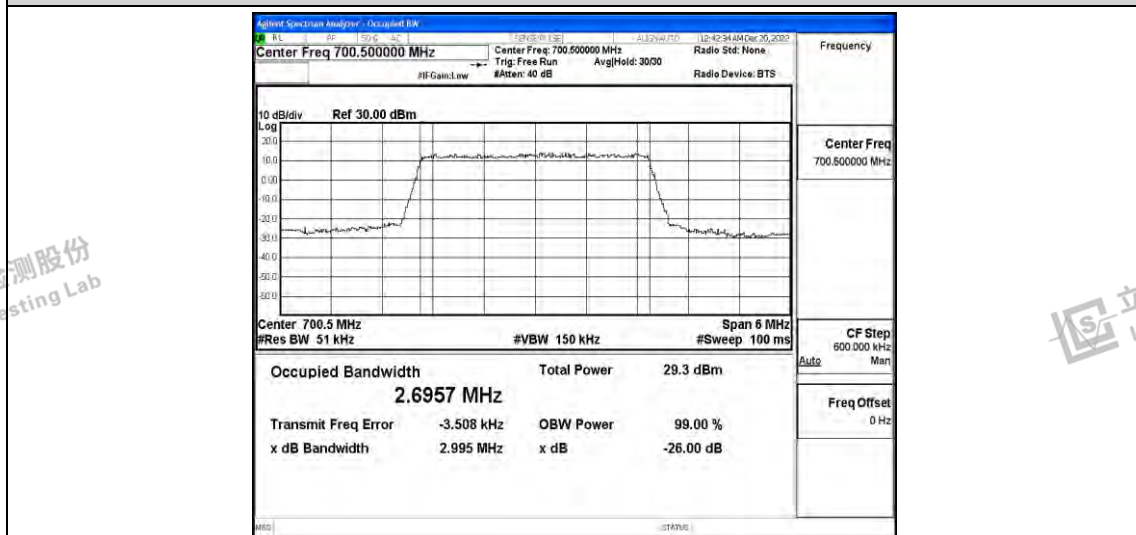


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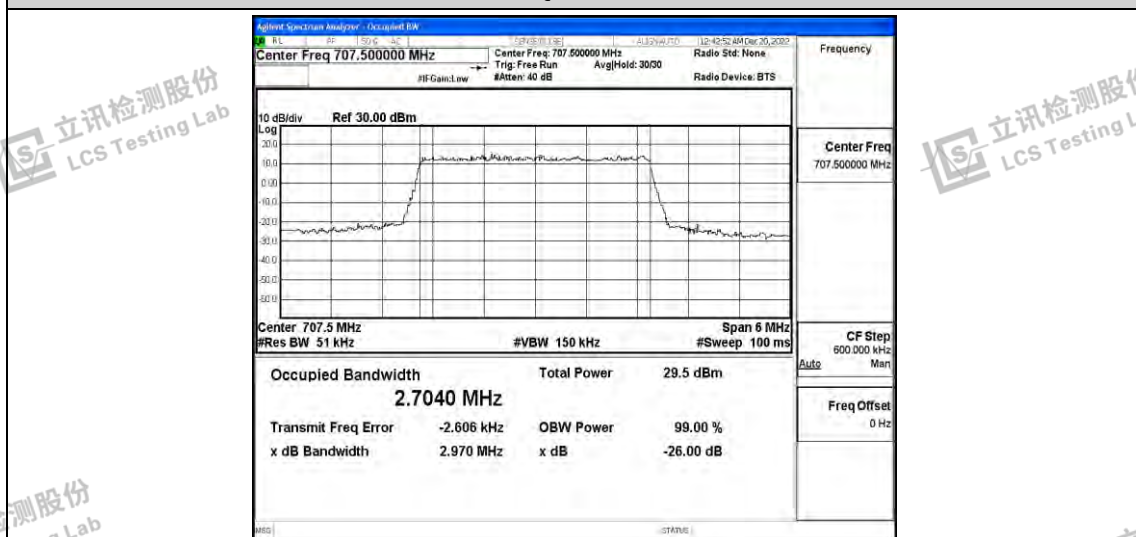




Band12-3MHz-QPSK-23025-15RB#0

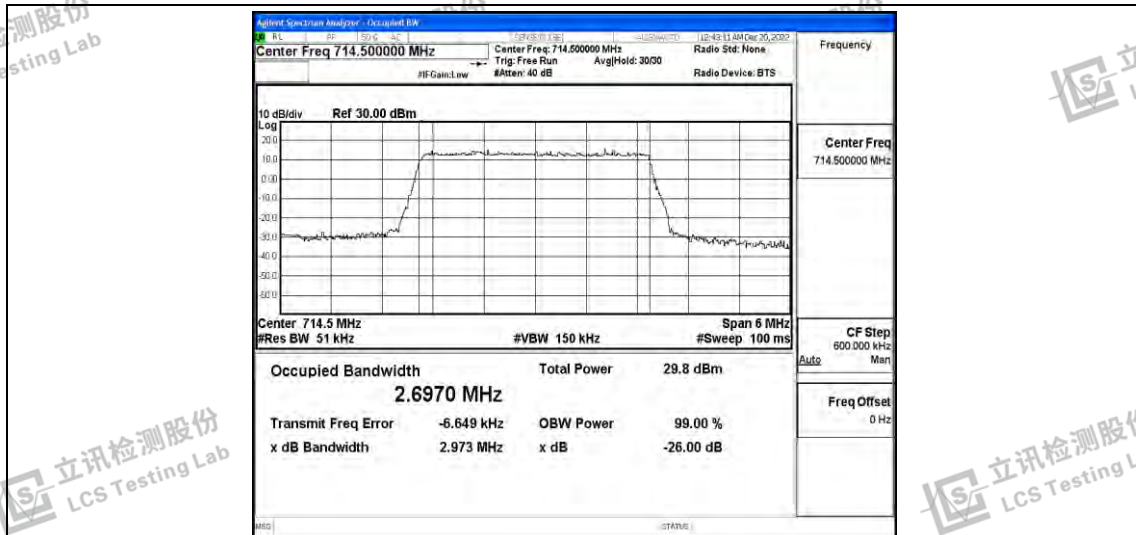


Band12-3MHz-QPSK-23095-15RB#0

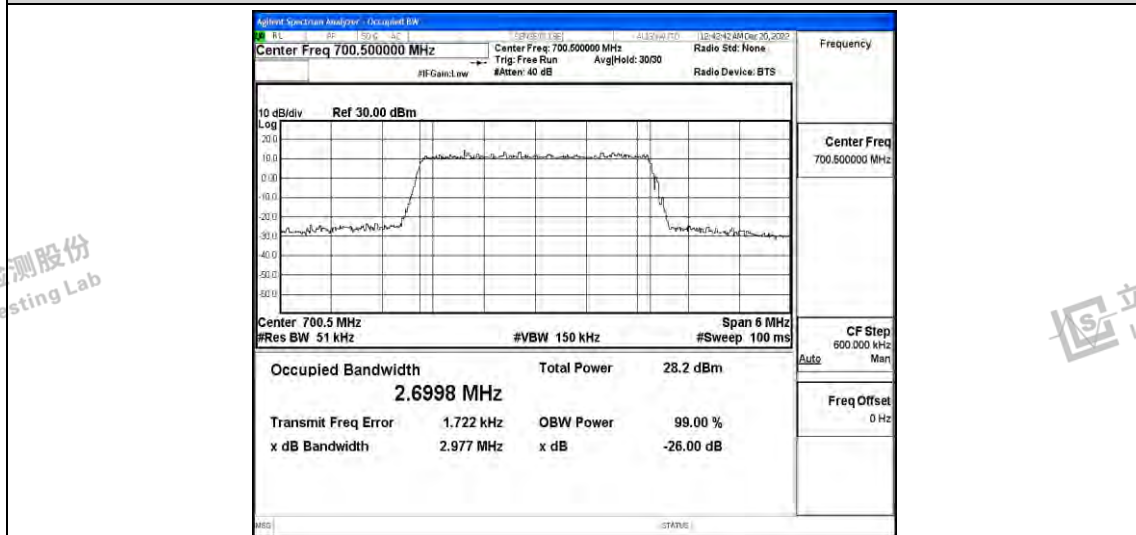


Band12-3MHz-QPSK-23165-15RB#0

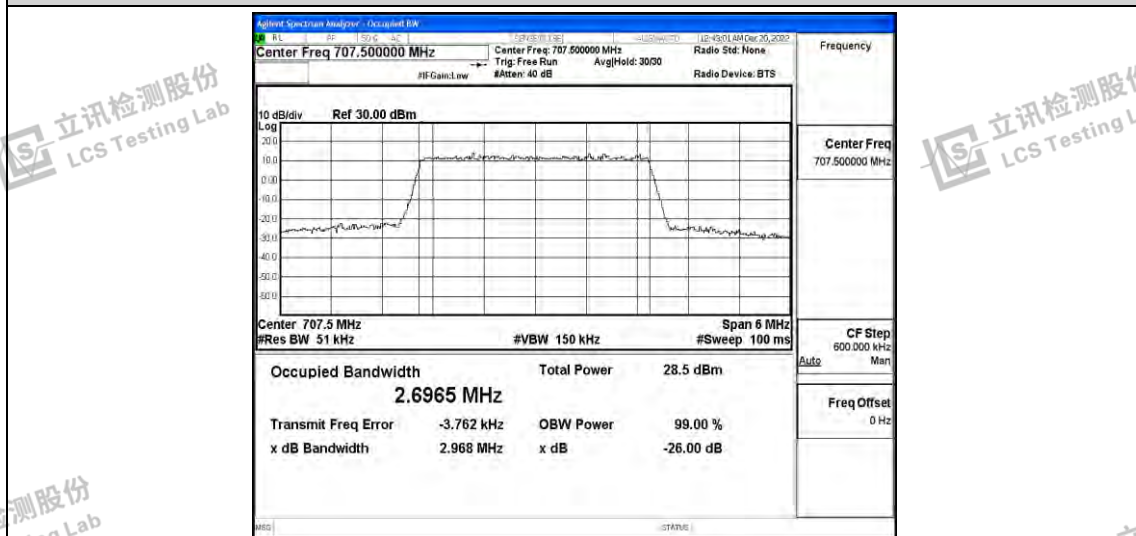




Band12-3MHz-16QAM-23025-15RB#0

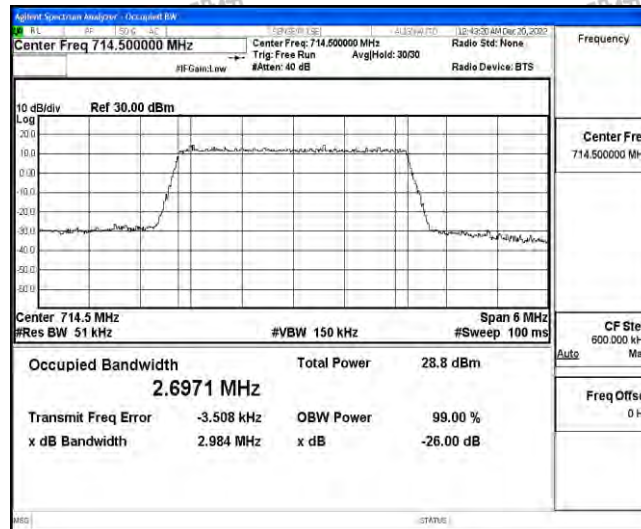


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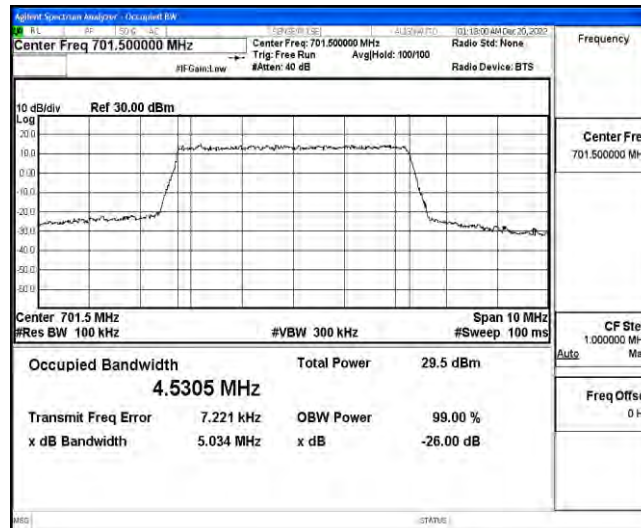


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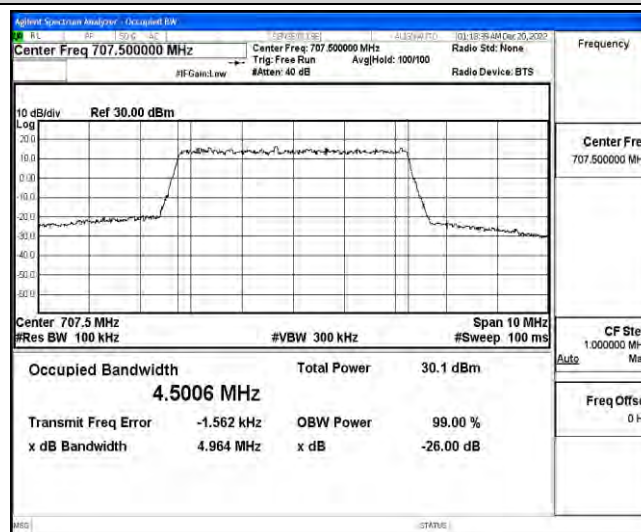




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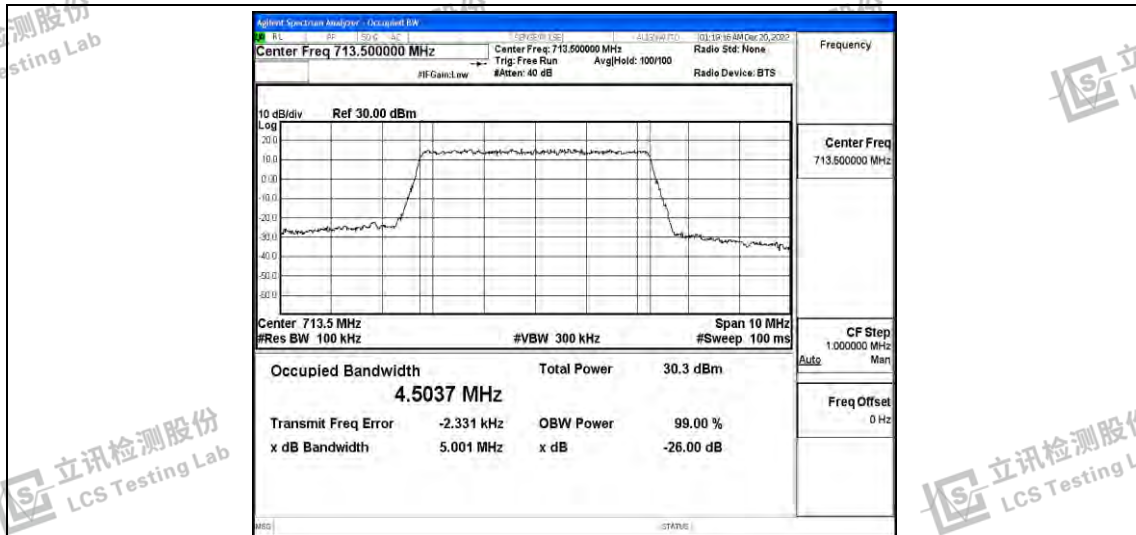


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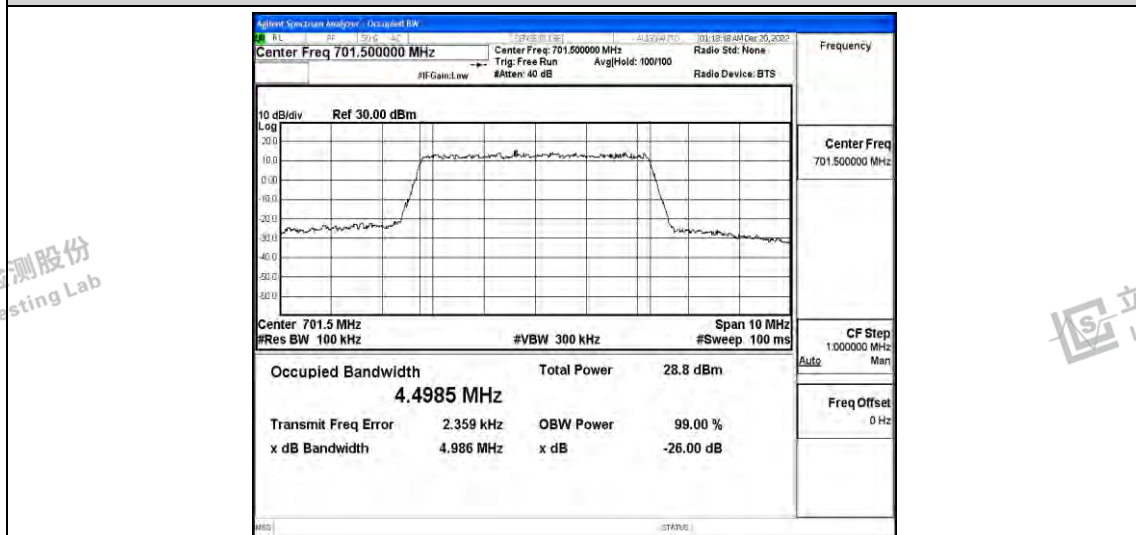


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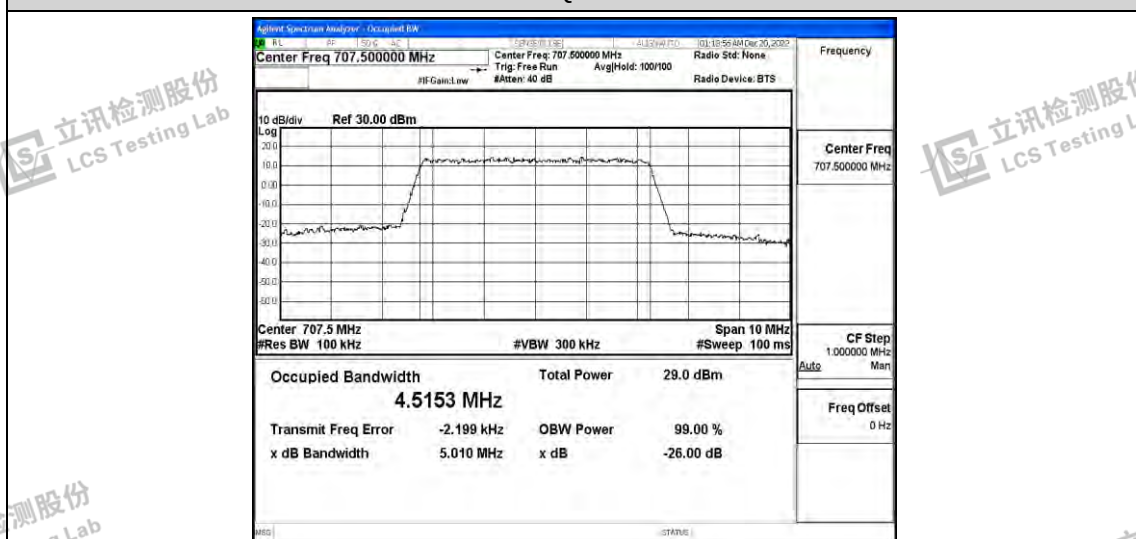




Band12-5MHz-16QAM-23035-25RB#0

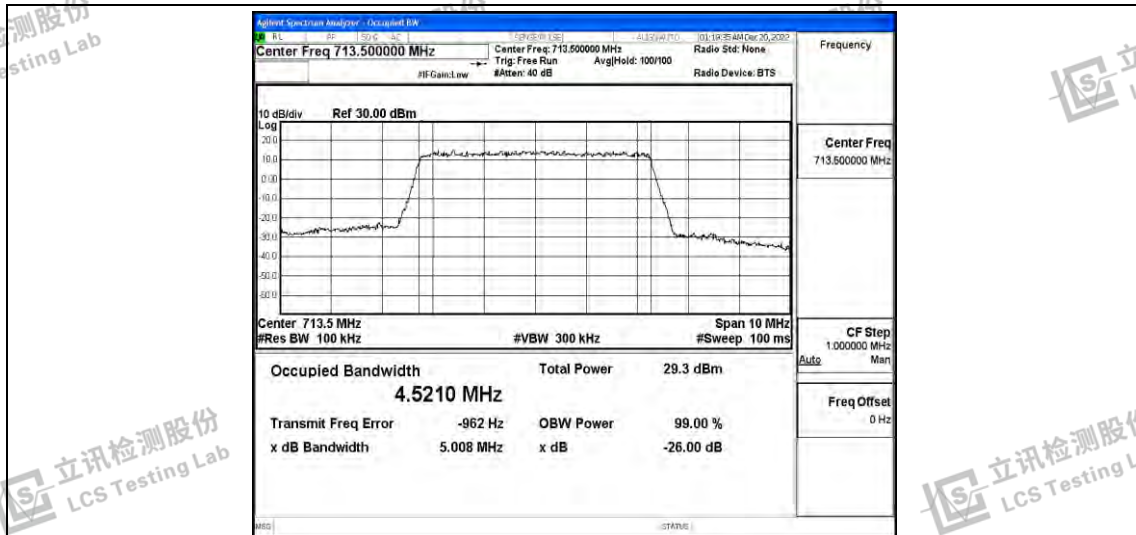


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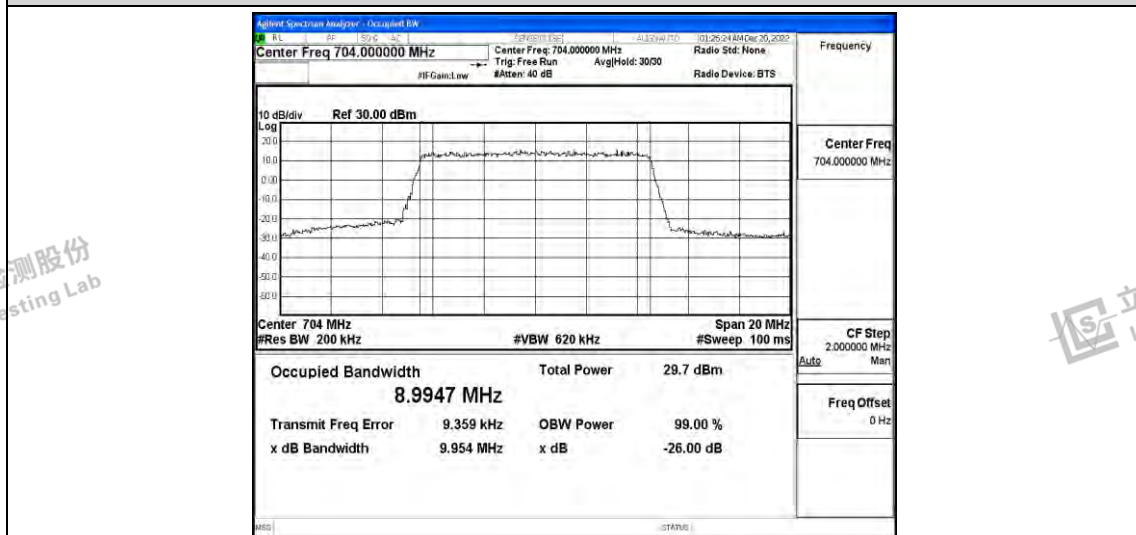


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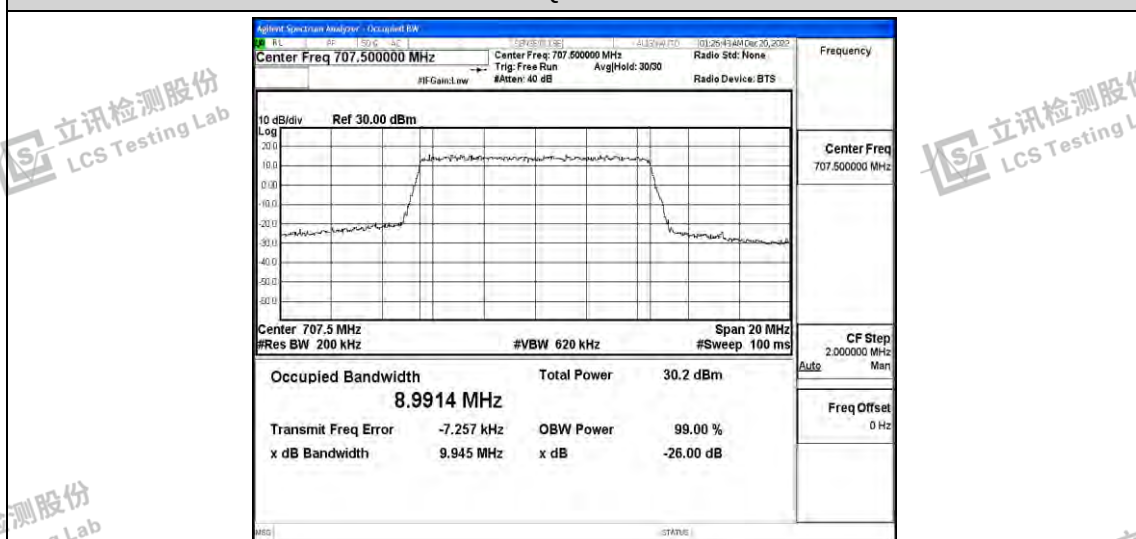




Band12-10MHz-QPSK-23060-50RB#0

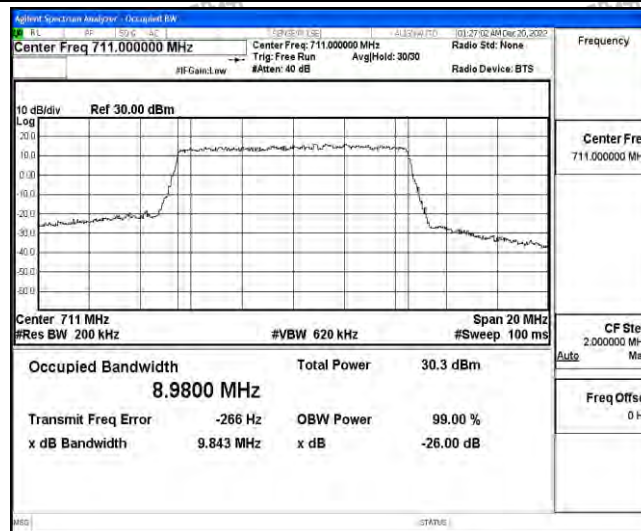


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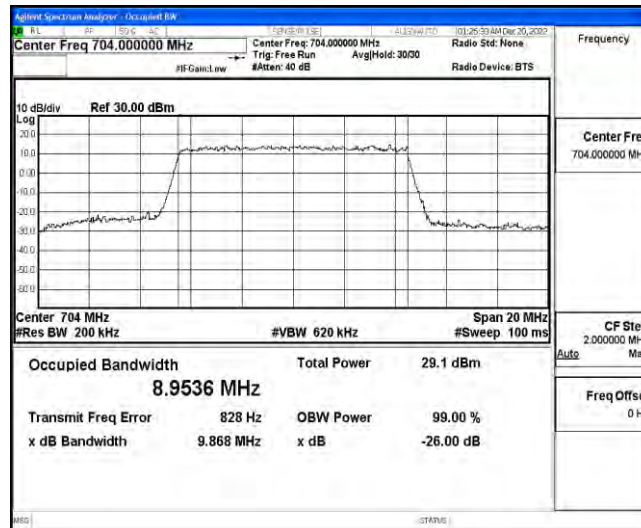


Band12-10MHz-QPSK-23130-50RB#0

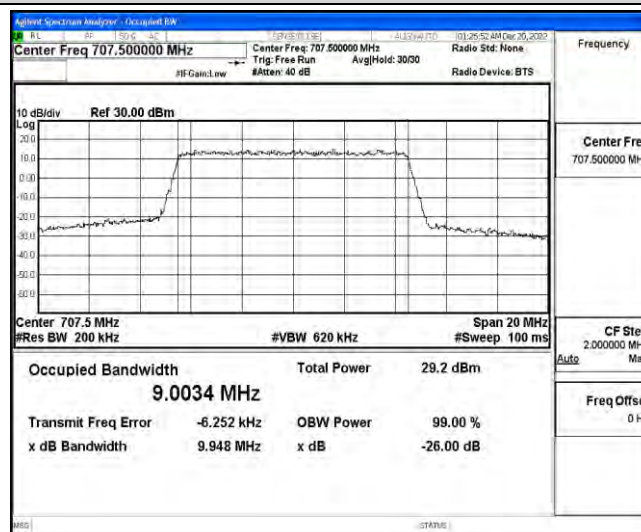




Band12-10MHz-16QAM-23060-50RB#0

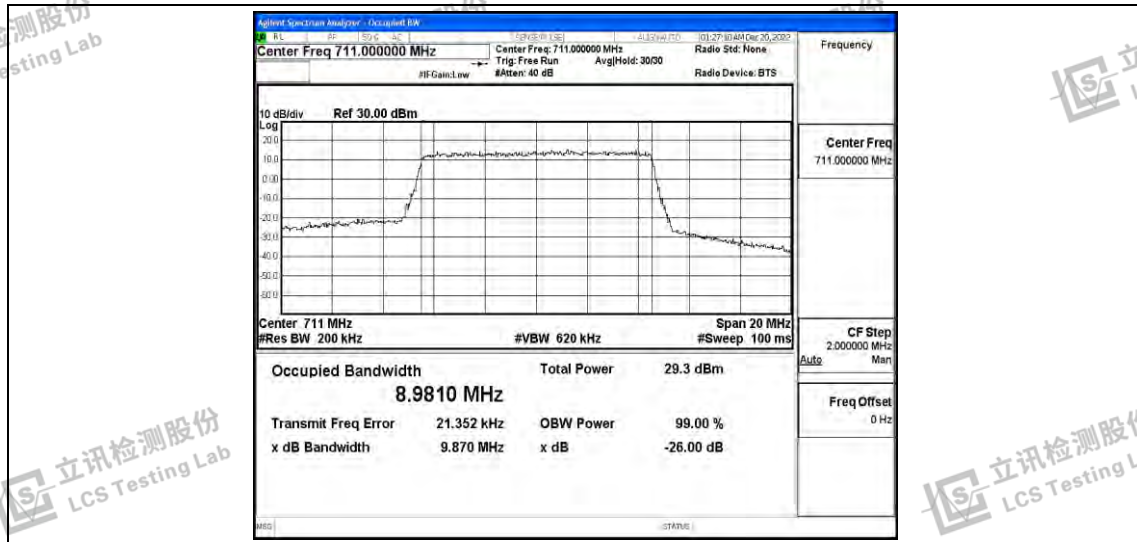


Band12-10MHz-16QAM-23095-50RB#0



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





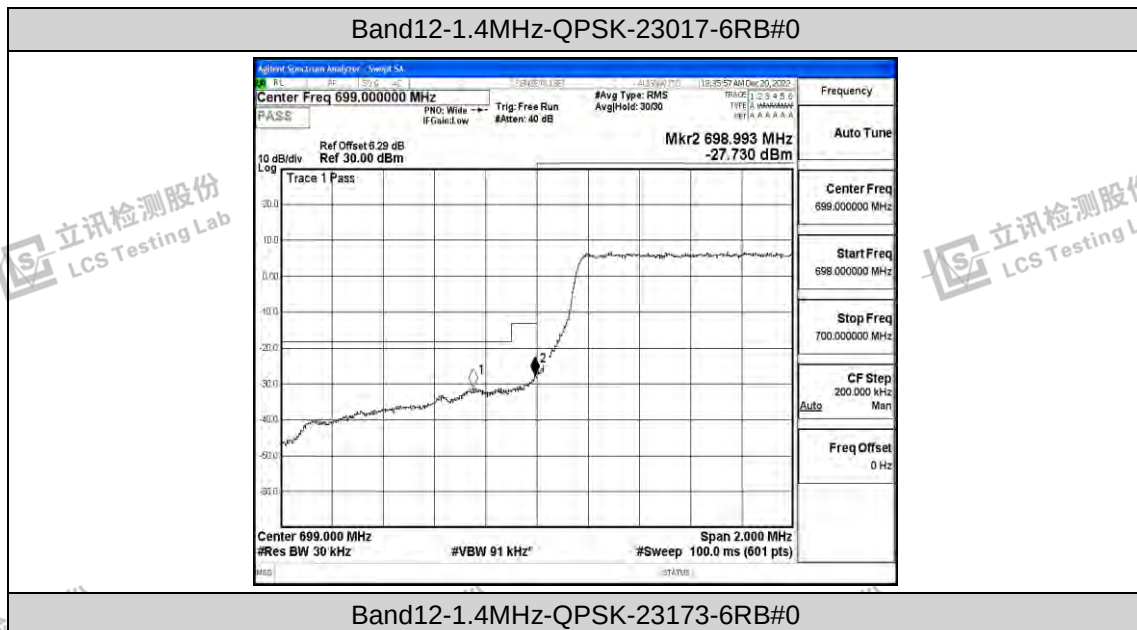


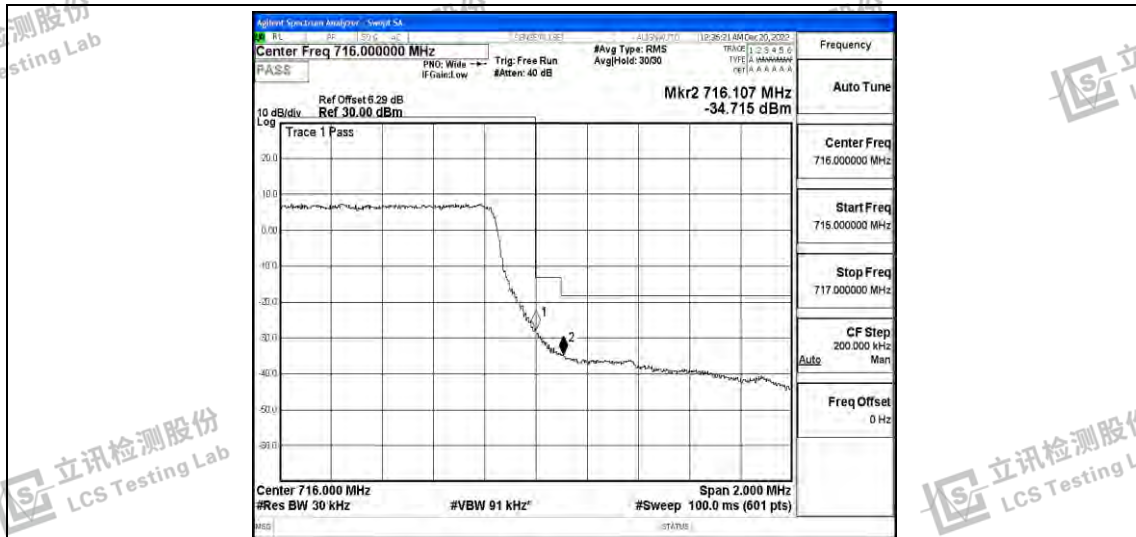
L4 Band Edge

Test Result

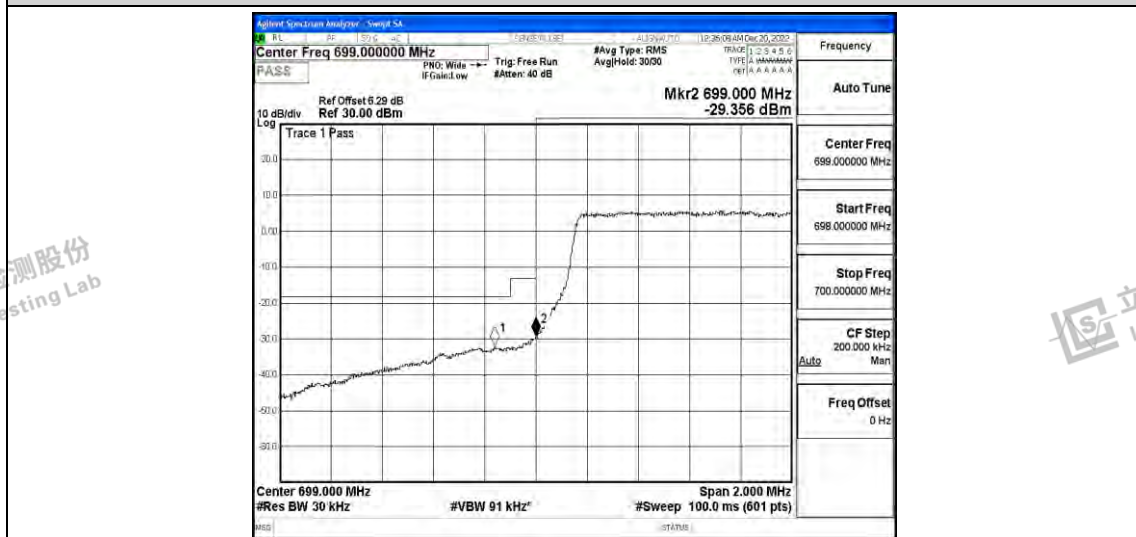
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	-31.04,-27.73	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	-27.87,-34.71	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	-32.02,-29.36	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	-30.19,-35.83	PASS
Band12	3MHz	QPSK	23025	15RB#0	-31.06,-25.13	PASS
Band12	3MHz	QPSK	23165	15RB#0	-26.56,-36.74	PASS
Band12	3MHz	16QAM	23025	15RB#0	-32.50,-27.45	PASS
Band12	3MHz	16QAM	23165	15RB#0	-27.76,-37.33	PASS
Band12	5MHz	QPSK	23035	25RB#0	-26.49	PASS
Band12	5MHz	QPSK	23155	25RB#0	-27.08	PASS
Band12	5MHz	16QAM	23035	25RB#0	-27.43	PASS
Band12	5MHz	16QAM	23155	25RB#0	-27.30	PASS
Band12	10MHz	QPSK	23060	50RB#0	-29.33,-27.73	PASS
Band12	10MHz	QPSK	23130	50RB#0	-30.32,-32.24	PASS
Band12	10MHz	16QAM	23060	50RB#0	-30.72,-29.75	PASS
Band12	10MHz	16QAM	23130	50RB#0	-31.19,-32.97	PASS

Test Graphs

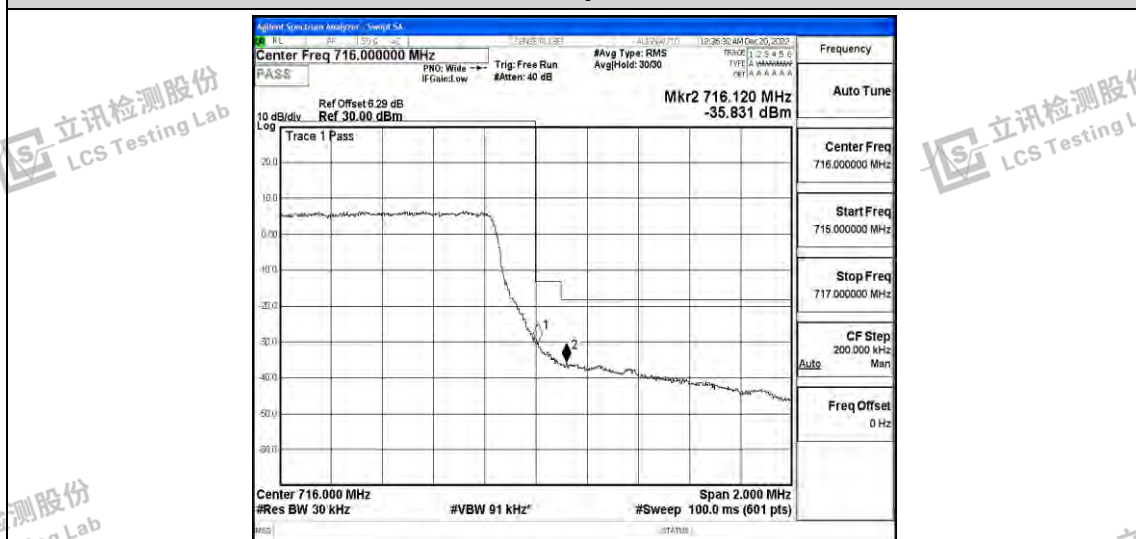




Band12-1.4MHz-16QAM-23017-6RB#0

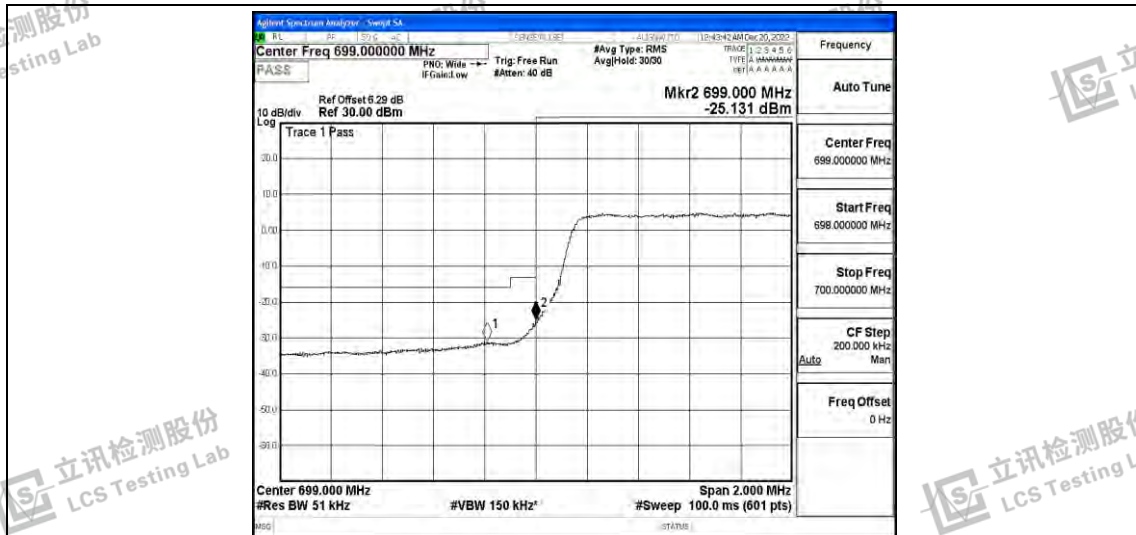


Band12-1.4MHz-16QAM-23173-6RB#0

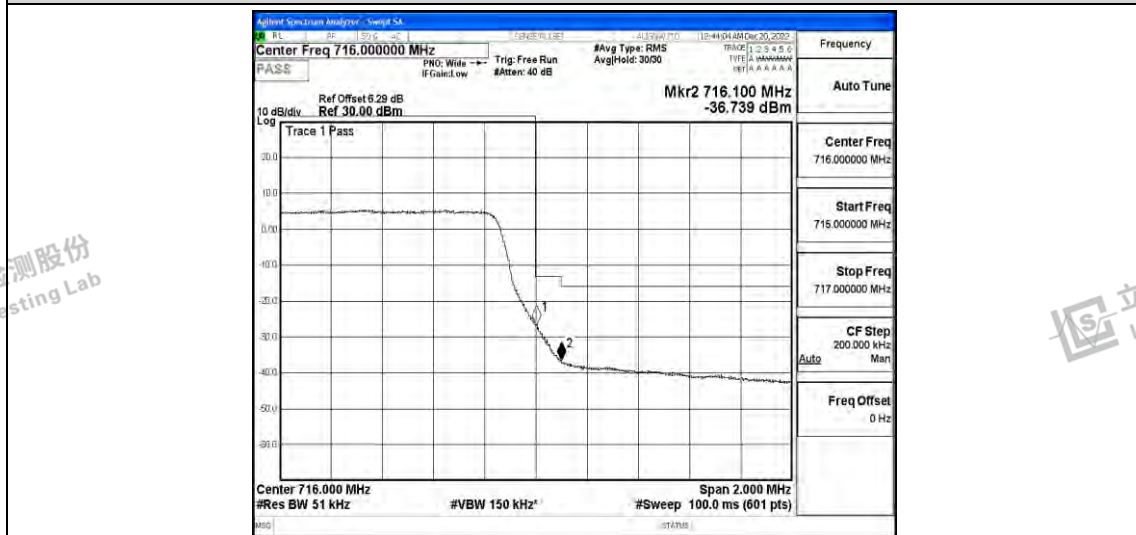


Band12-3MHz-QPSK-23025-15RB#0

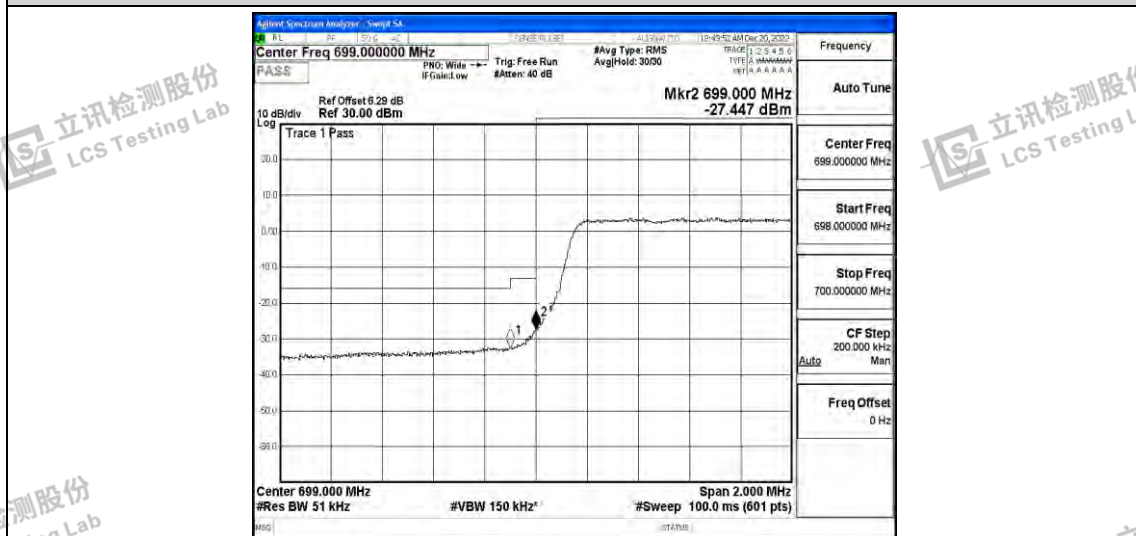




Band12-3MHz-QPSK-23165-15RB#0

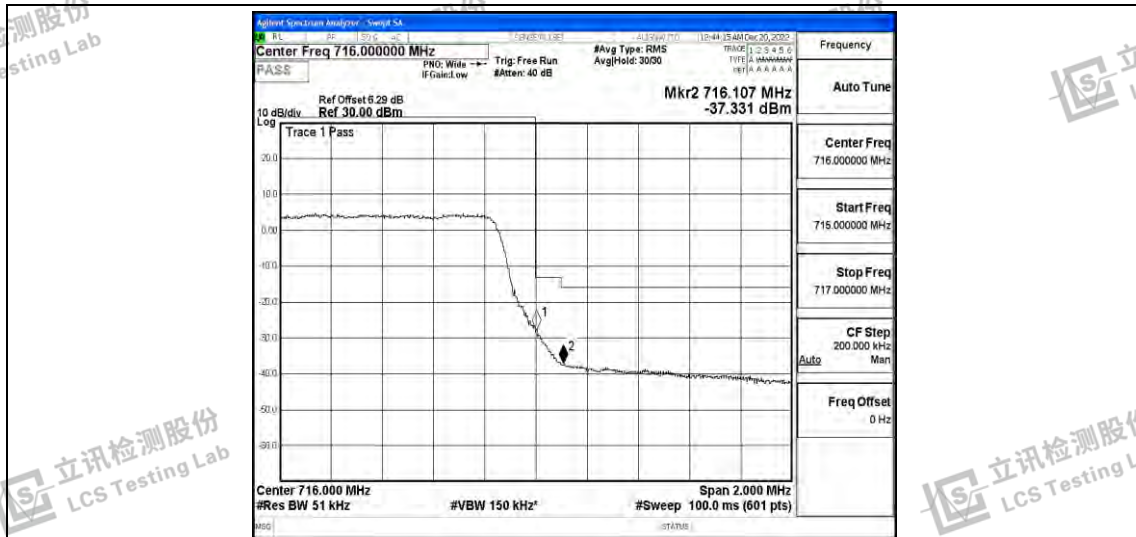


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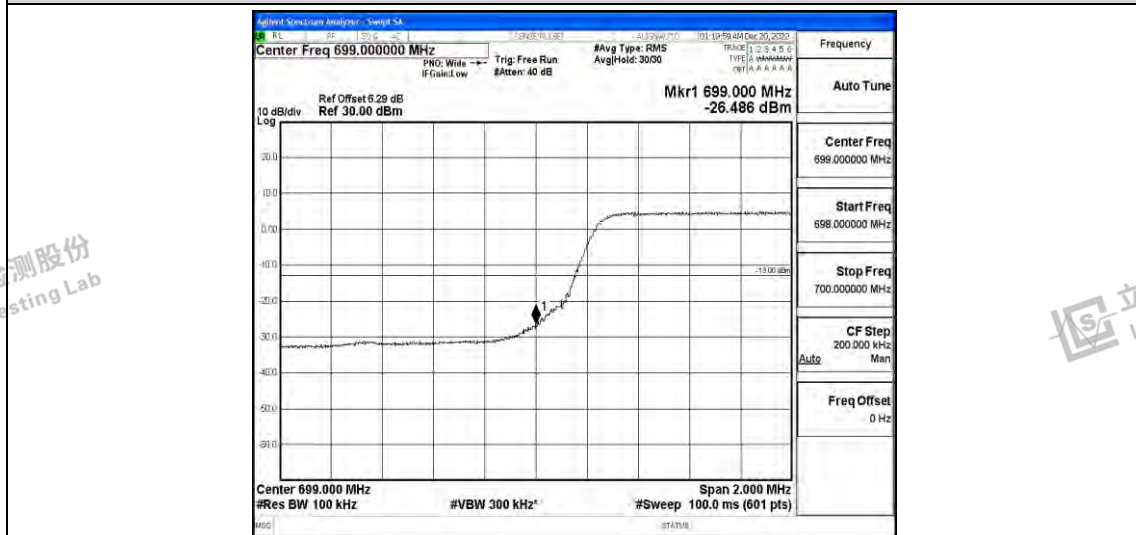


Band12-3MHz-16QAM-23165-15RB#0

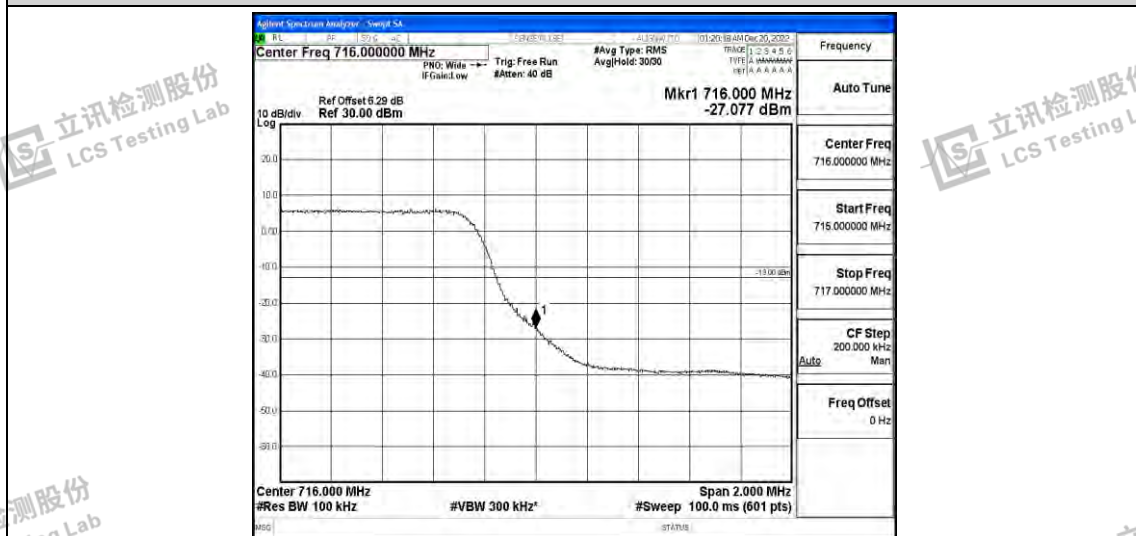




Band12-5MHz-QPSK-23035-25RB#0

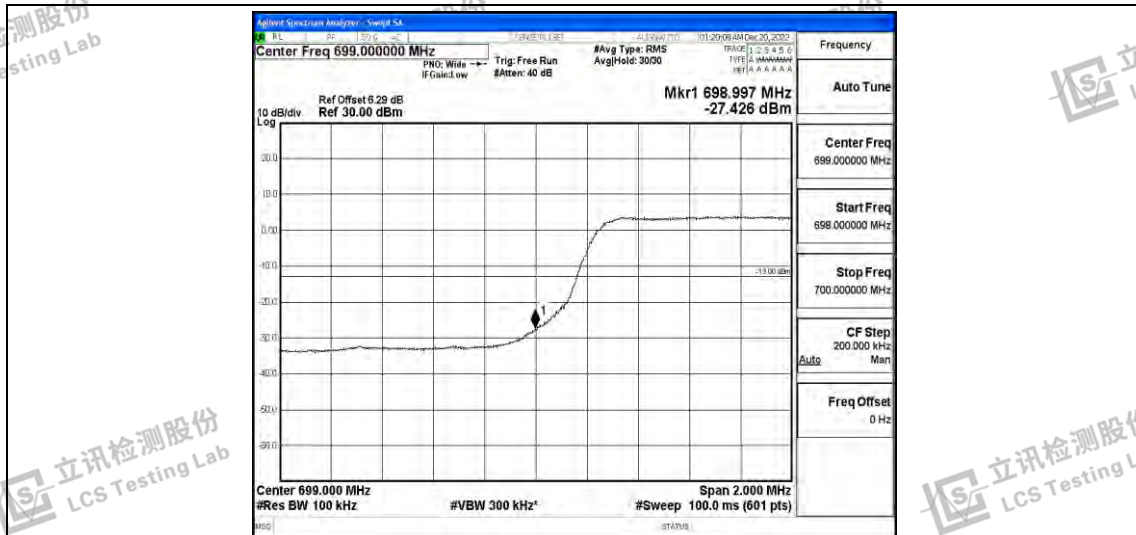


Band12-5MHz-QPSK-23155-25RB#0

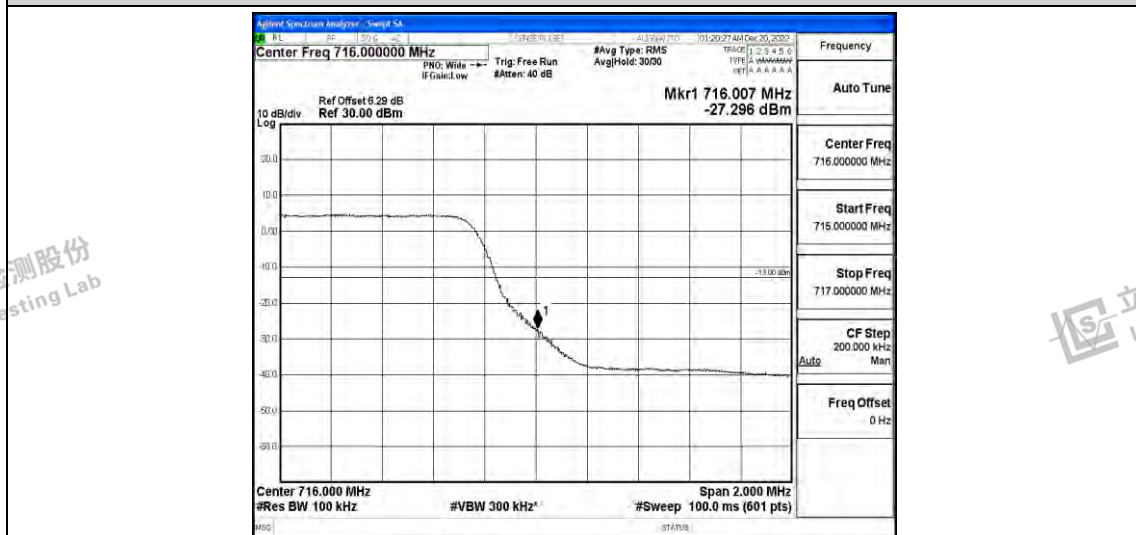


Band12-5MHz-16QAM-23035-25RB#0

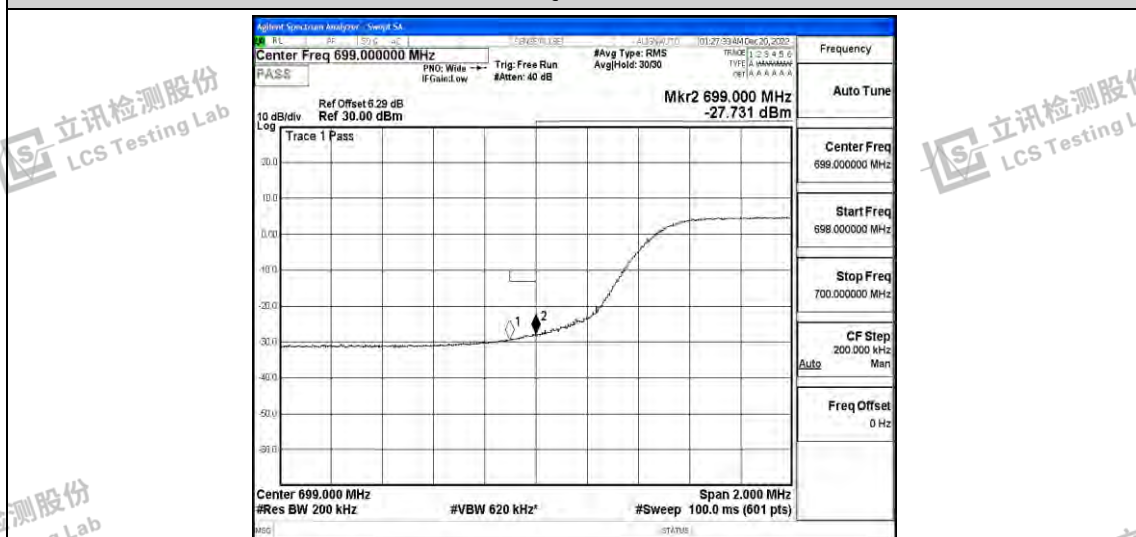




Band12-5MHz-16QAM-23155-25RB#0

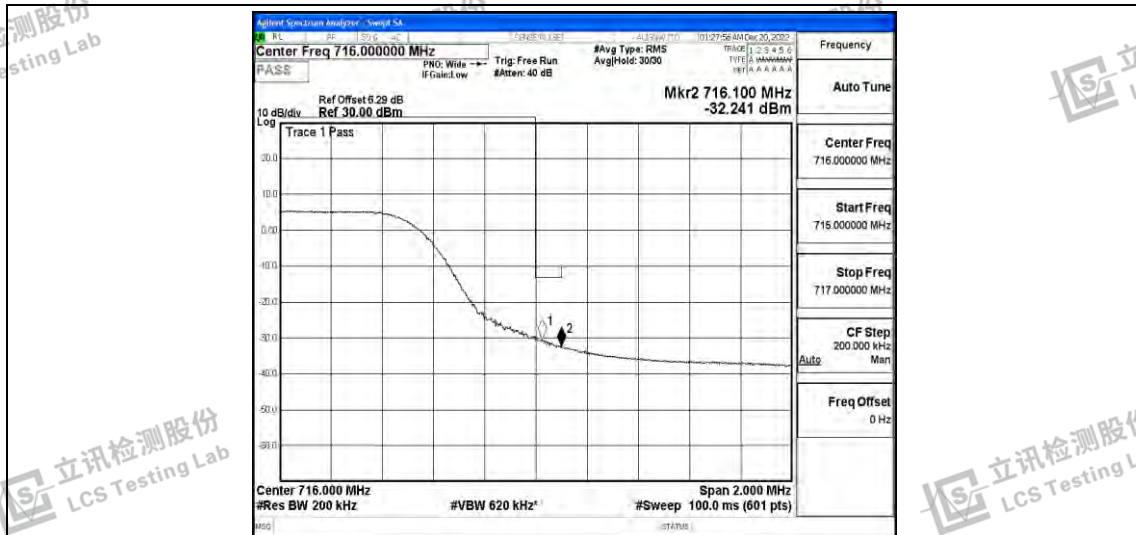


Band12-10MHz-QPSK-23060-50RB#0

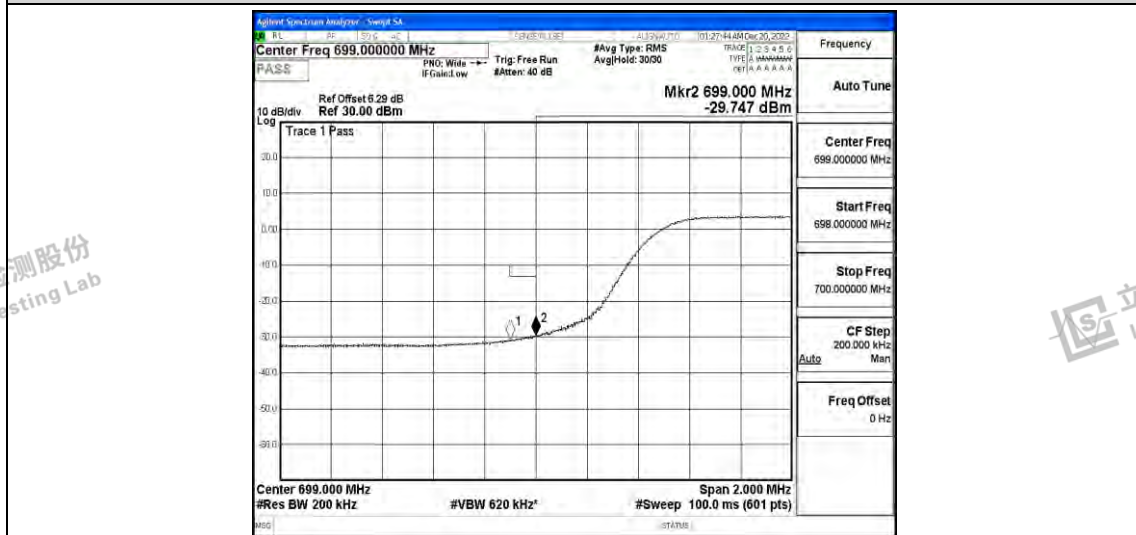


Band12-10MHz-QPSK-23130-50RB#0

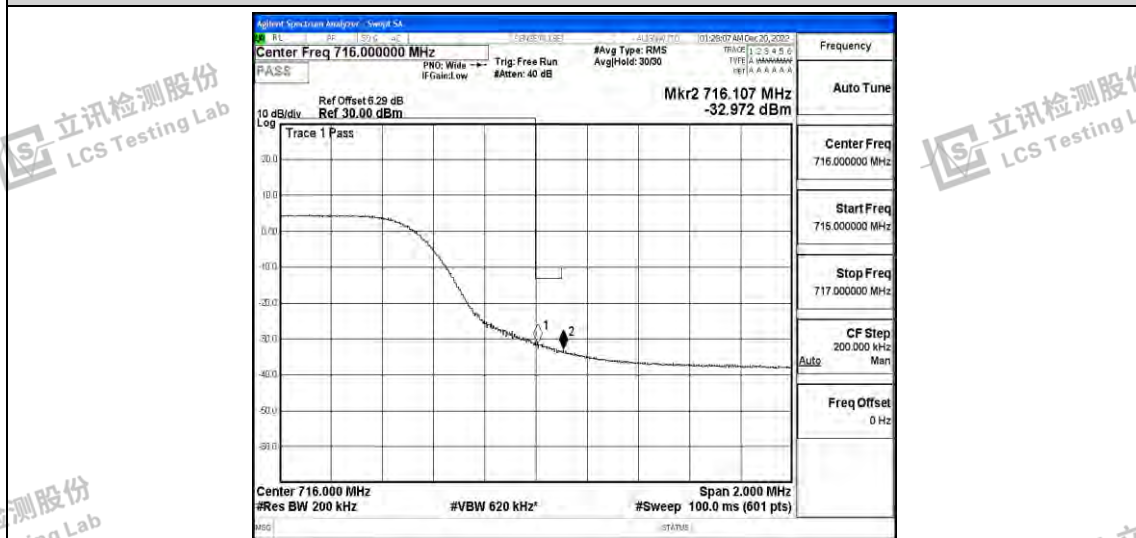




Band12-10MHz-16QAM-23060-50RB#0



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





L5 Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	Range1:0.009~0.15MHz	-54.7	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	Range2:0.15~30MHz	-50.78	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	Range3:30~1000MHz	-40.6	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	Range4:1000~10000MHz	-44.98	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	Range1:0.009~0.15MHz	-53.86	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	Range2:0.15~30MHz	-51.35	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	Range3:30~1000MHz	-39.55	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	Range4:1000~10000MHz	-44.92	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	Range1:0.009~0.15MHz	-54.6	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	Range2:0.15~30MHz	-51.53	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	Range3:30~1000MHz	-40.94	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	Range4:1000~10000MHz	-44.89	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	Range1:0.009~0.15MHz	-56.35	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	Range2:0.15~30MHz	-51.85	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	Range3:30~1000MHz	-39.59	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	Range4:1000~10000MHz	-44.89	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	Range1:0.009~0.15MHz	-56.28	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	Range2:0.15~30MHz	-51.1	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	Range3:30~1000MHz	-40.59	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	Range4:1000~10000MHz	-44.91	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	Range1:0.009~0.15MHz	-55.24	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	Range2:0.15~30MHz	-49.97	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	Range3:30~1000MHz	-41.12	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	Range4:1000~10000MHz	-44.87	PASS
Band12	3MHz	QPSK	23025	1RB#0	Range1:0.009~0.15MHz	-55.31	PASS
Band12	3MHz	QPSK	23025	1RB#0	Range2:0.15~30MHz	-51.54	PASS
Band12	3MHz	QPSK	23025	1RB#0	Range3:30~1000MHz	-40.65	PASS
Band12	3MHz	QPSK	23025	1RB#0	Range4:1000~10000MHz	-44.88	PASS
Band12	3MHz	QPSK	23095	1RB#0	Range1:0.009~0.15MHz	-54.08	PASS
Band12	3MHz	QPSK	23095	1RB#0	Range2:0.15~30MHz	-51.65	PASS
Band12	3MHz	QPSK	23095	1RB#0	Range3:30~1000MHz	-40.36	PASS
Band12	3MHz	QPSK	23095	1RB#0	Range4:1000~10000MHz	-44.82	PASS
Band12	3MHz	QPSK	23165	1RB#0	Range1:0.009~0.15MHz	-55.92	PASS
Band12	3MHz	QPSK	23165	1RB#0	Range2:0.15~30MHz	-51.56	PASS



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Scan code to check authenticity



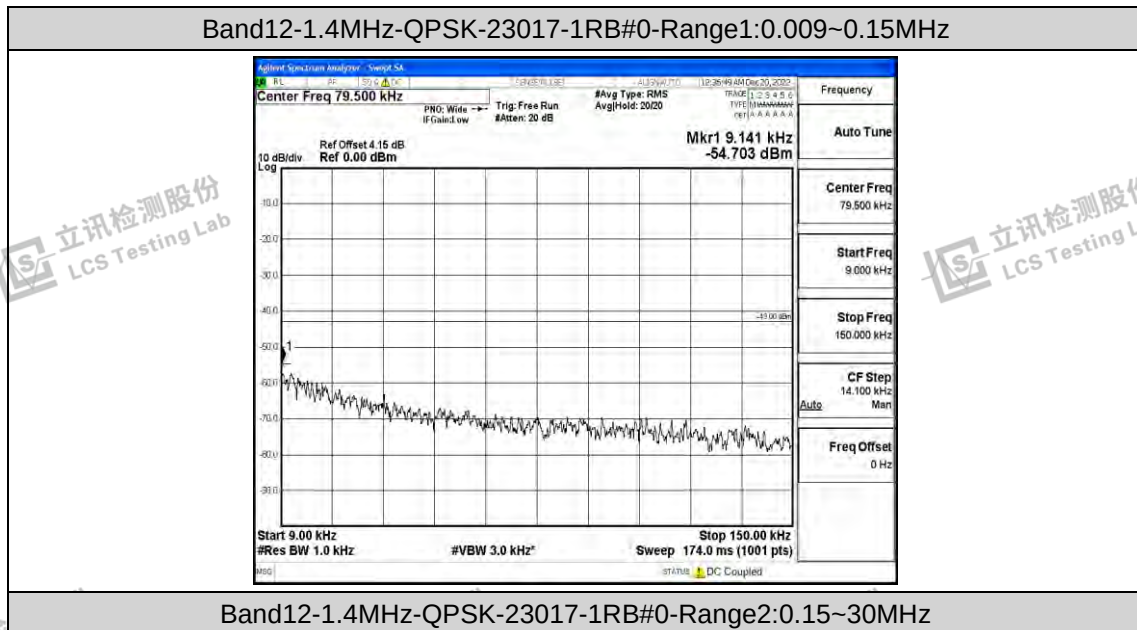
Band12	3MHz	QPSK	23165	1RB#0	Range3:30~1000MHz	-39.81	PASS
Band12	3MHz	QPSK	23165	1RB#0	Range4:1000~10000MHz	-44.89	PASS
Band12	3MHz	16QAM	23025	1RB#0	Range1:0.009~0.15MHz	-53.97	PASS
Band12	3MHz	16QAM	23025	1RB#0	Range2:0.15~30MHz	-52.41	PASS
Band12	3MHz	16QAM	23025	1RB#0	Range3:30~1000MHz	-40.81	PASS
Band12	3MHz	16QAM	23025	1RB#0	Range4:1000~10000MHz	-44.94	PASS
Band12	3MHz	16QAM	23095	1RB#0	Range1:0.009~0.15MHz	-54.58	PASS
Band12	3MHz	16QAM	23095	1RB#0	Range2:0.15~30MHz	-51.11	PASS
Band12	3MHz	16QAM	23095	1RB#0	Range3:30~1000MHz	-39.96	PASS
Band12	3MHz	16QAM	23095	1RB#0	Range4:1000~10000MHz	-44.92	PASS
Band12	3MHz	16QAM	23165	1RB#0	Range1:0.009~0.15MHz	-55.72	PASS
Band12	3MHz	16QAM	23165	1RB#0	Range2:0.15~30MHz	-51.04	PASS
Band12	3MHz	16QAM	23165	1RB#0	Range3:30~1000MHz	-40.4	PASS
Band12	3MHz	16QAM	23165	1RB#0	Range4:1000~10000MHz	-44.62	PASS
Band12	5MHz	QPSK	23035	1RB#0	Range1:0.009~0.15MHz	-55.44	PASS
Band12	5MHz	QPSK	23035	1RB#0	Range2:0.15~30MHz	-50.12	PASS
Band12	5MHz	QPSK	23035	1RB#0	Range3:30~1000MHz	-41.2	PASS
Band12	5MHz	QPSK	23035	1RB#0	Range4:1000~10000MHz	-44.99	PASS
Band12	5MHz	QPSK	23095	1RB#0	Range1:0.009~0.15MHz	-55.31	PASS
Band12	5MHz	QPSK	23095	1RB#0	Range2:0.15~30MHz	-50.62	PASS
Band12	5MHz	QPSK	23095	1RB#0	Range3:30~1000MHz	-40.71	PASS
Band12	5MHz	QPSK	23095	1RB#0	Range4:1000~10000MHz	-44.99	PASS
Band12	5MHz	QPSK	23155	1RB#0	Range1:0.009~0.15MHz	-54.47	PASS
Band12	5MHz	QPSK	23155	1RB#0	Range2:0.15~30MHz	-51.12	PASS
Band12	5MHz	QPSK	23155	1RB#0	Range3:30~1000MHz	-40.73	PASS
Band12	5MHz	QPSK	23155	1RB#0	Range4:1000~10000MHz	-45.01	PASS
Band12	5MHz	16QAM	23035	1RB#0	Range1:0.009~0.15MHz	-55	PASS
Band12	5MHz	16QAM	23035	1RB#0	Range2:0.15~30MHz	-52.27	PASS
Band12	5MHz	16QAM	23035	1RB#0	Range3:30~1000MHz	-41.09	PASS
Band12	5MHz	16QAM	23035	1RB#0	Range4:1000~10000MHz	-44.96	PASS
Band12	5MHz	16QAM	23095	1RB#0	Range1:0.009~0.15MHz	-55.53	PASS
Band12	5MHz	16QAM	23095	1RB#0	Range2:0.15~30MHz	-51.94	PASS
Band12	5MHz	16QAM	23095	1RB#0	Range3:30~1000MHz	-41.18	PASS
Band12	5MHz	16QAM	23095	1RB#0	Range4:1000~10000MHz	-44.95	PASS
Band12	5MHz	16QAM	23155	1RB#0	Range1:0.009~0.15MHz	-54.46	PASS
Band12	5MHz	16QAM	23155	1RB#0	Range2:0.15~30MHz	-49.8	PASS
Band12	5MHz	16QAM	23155	1RB#0	Range3:30~1000MHz	-40.85	PASS
Band12	5MHz	16QAM	23155	1RB#0	Range4:1000~10000MHz	-44.9	PASS
Band12	10MHz	QPSK	23060	1RB#0	Range1:0.009~0.15MHz	-55.57	PASS
Band12	10MHz	QPSK	23060	1RB#0	Range2:0.15~30MHz	-51.25	PASS

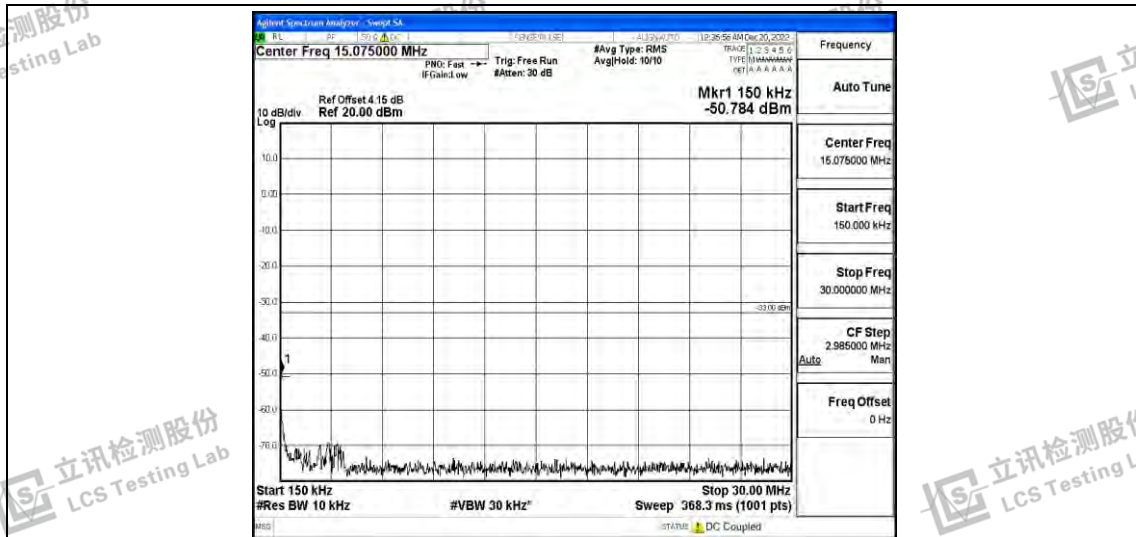




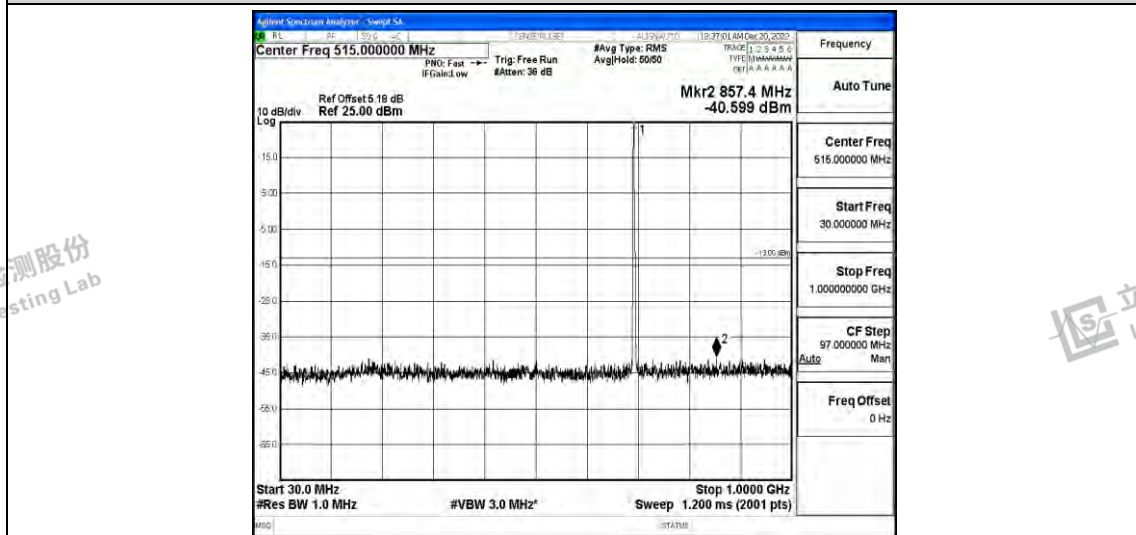
Band12	10MHz	QPSK	23060	1RB#0	Range3:30~1000MHz	-41.06	PASS
Band12	10MHz	QPSK	23060	1RB#0	Range4:1000~10000MHz	-44.82	PASS
Band12	10MHz	QPSK	23095	1RB#0	Range1:0.009~0.15MHz	-55.08	PASS
Band12	10MHz	QPSK	23095	1RB#0	Range2:0.15~30MHz	-52.23	PASS
Band12	10MHz	QPSK	23095	1RB#0	Range3:30~1000MHz	-40.76	PASS
Band12	10MHz	QPSK	23095	1RB#0	Range4:1000~10000MHz	-45.01	PASS
Band12	10MHz	QPSK	23130	1RB#0	Range1:0.009~0.15MHz	-54.05	PASS
Band12	10MHz	QPSK	23130	1RB#0	Range2:0.15~30MHz	-50.94	PASS
Band12	10MHz	QPSK	23130	1RB#0	Range3:30~1000MHz	-41.32	PASS
Band12	10MHz	QPSK	23130	1RB#0	Range4:1000~10000MHz	-44.94	PASS
Band12	10MHz	16QAM	23060	1RB#0	Range1:0.009~0.15MHz	-55	PASS
Band12	10MHz	16QAM	23060	1RB#0	Range2:0.15~30MHz	-51.39	PASS
Band12	10MHz	16QAM	23060	1RB#0	Range3:30~1000MHz	-41.16	PASS
Band12	10MHz	16QAM	23060	1RB#0	Range4:1000~10000MHz	-44.83	PASS
Band12	10MHz	16QAM	23095	1RB#0	Range1:0.009~0.15MHz	-55.04	PASS
Band12	10MHz	16QAM	23095	1RB#0	Range2:0.15~30MHz	-50.17	PASS
Band12	10MHz	16QAM	23095	1RB#0	Range3:30~1000MHz	-39.96	PASS
Band12	10MHz	16QAM	23095	1RB#0	Range4:1000~10000MHz	-44.86	PASS
Band12	10MHz	16QAM	23130	1RB#0	Range1:0.009~0.15MHz	-54.49	PASS
Band12	10MHz	16QAM	23130	1RB#0	Range2:0.15~30MHz	-51.93	PASS
Band12	10MHz	16QAM	23130	1RB#0	Range3:30~1000MHz	-40.67	PASS
Band12	10MHz	16QAM	23130	1RB#0	Range4:1000~10000MHz	-44.99	PASS

Test Graphs

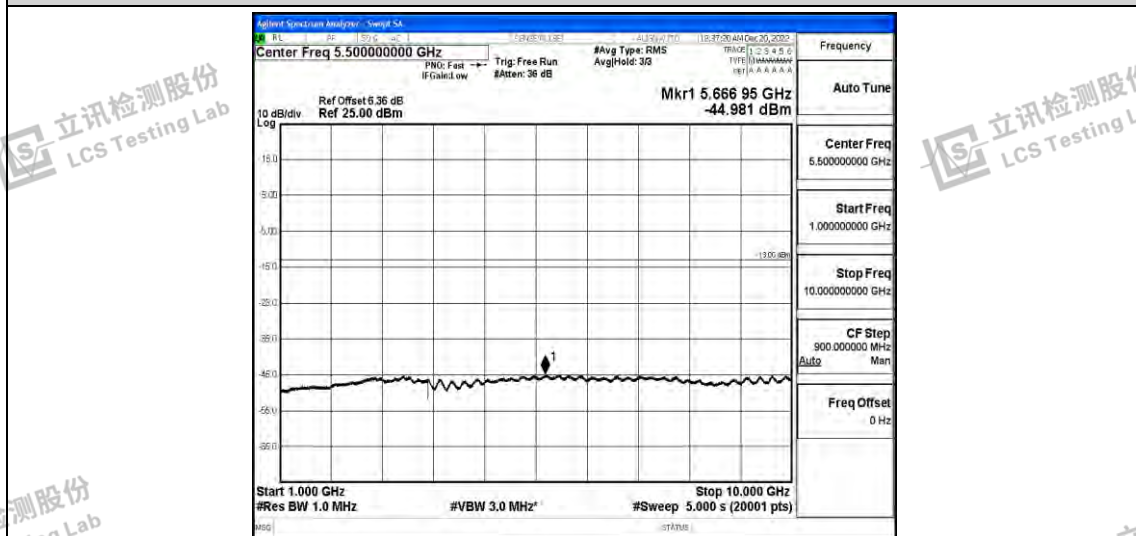




Band12-1.4MHz-QPSK-23017-1RB#0-Range3:30~1000MHz

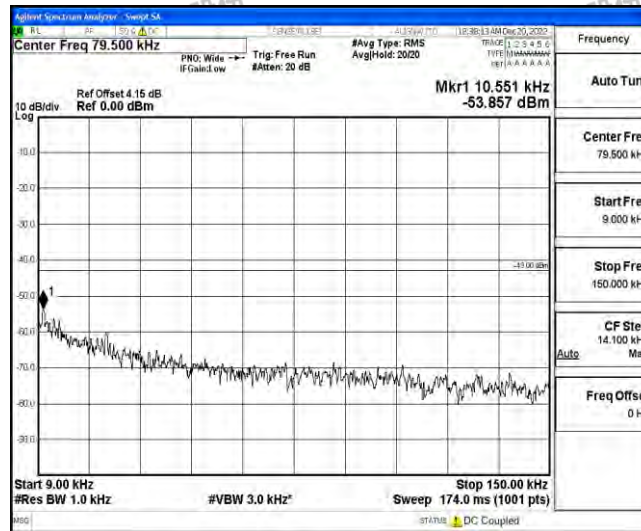


Band12-1.4MHz-QPSK-23017-1RB#0-Range4:1000~10000MHz

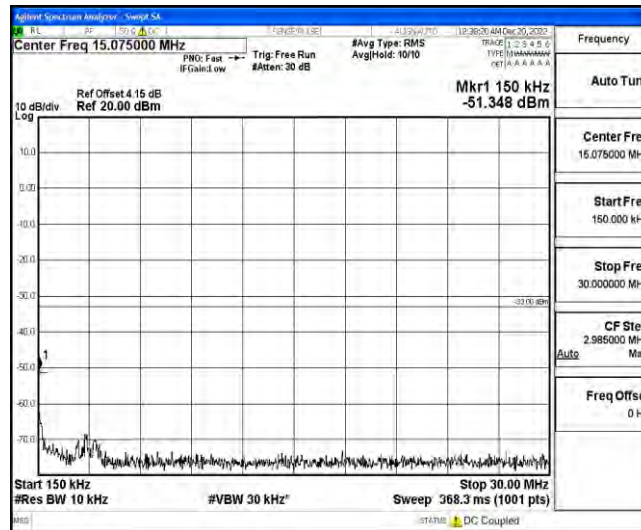


Band12-1.4MHz-QPSK-23095-1RB#0-Range1:0.009~0.15MHz

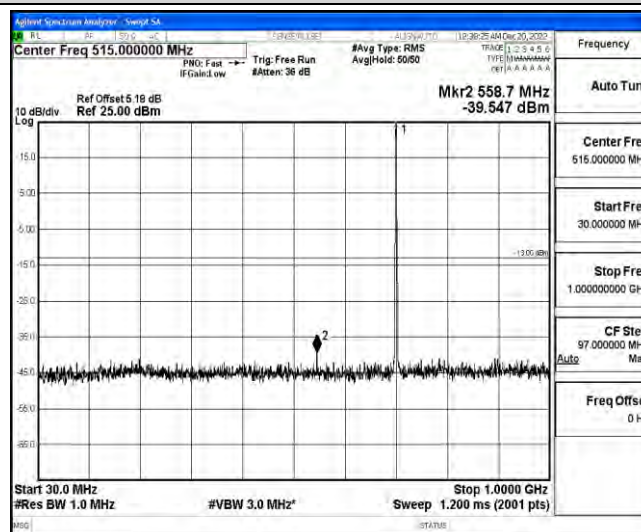




Band12-1.4MHz-QPSK-23095-1RB#0-Range2:0.15~30MHz

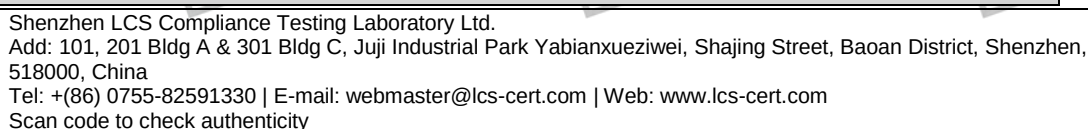
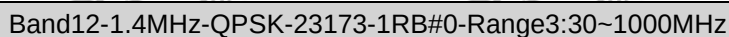
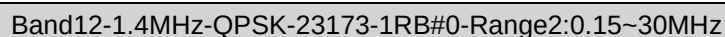
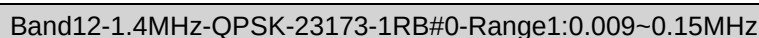


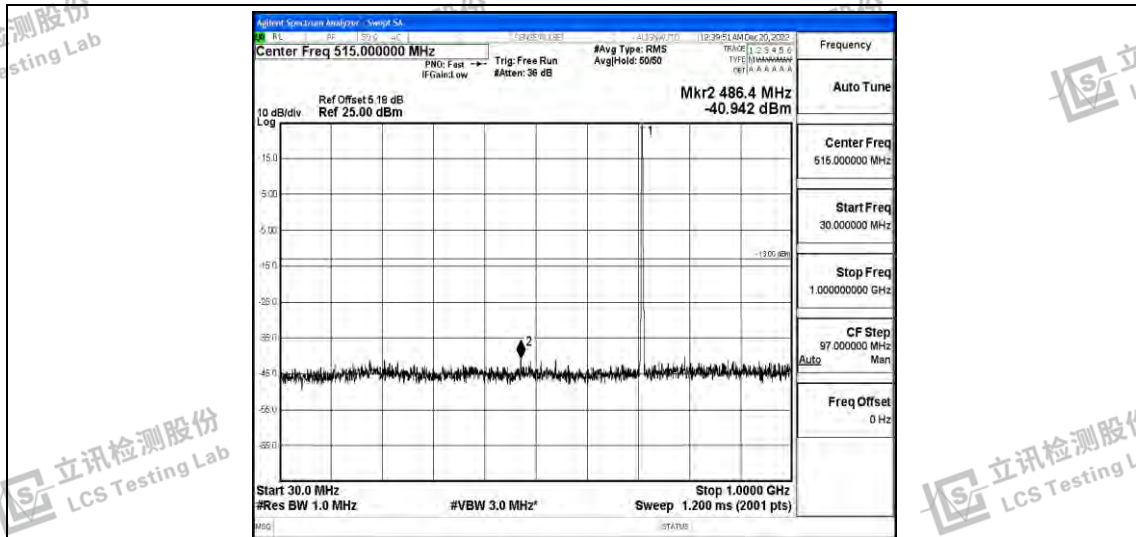
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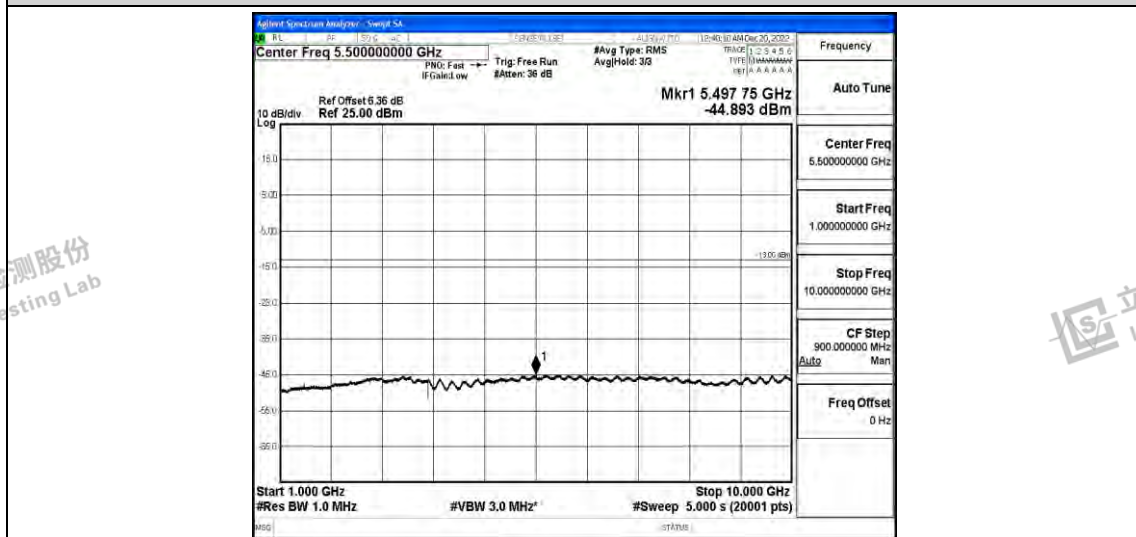
Band12-1.4MHz-QPSK-23095-1RB#0-Range4:1000~10000MHz



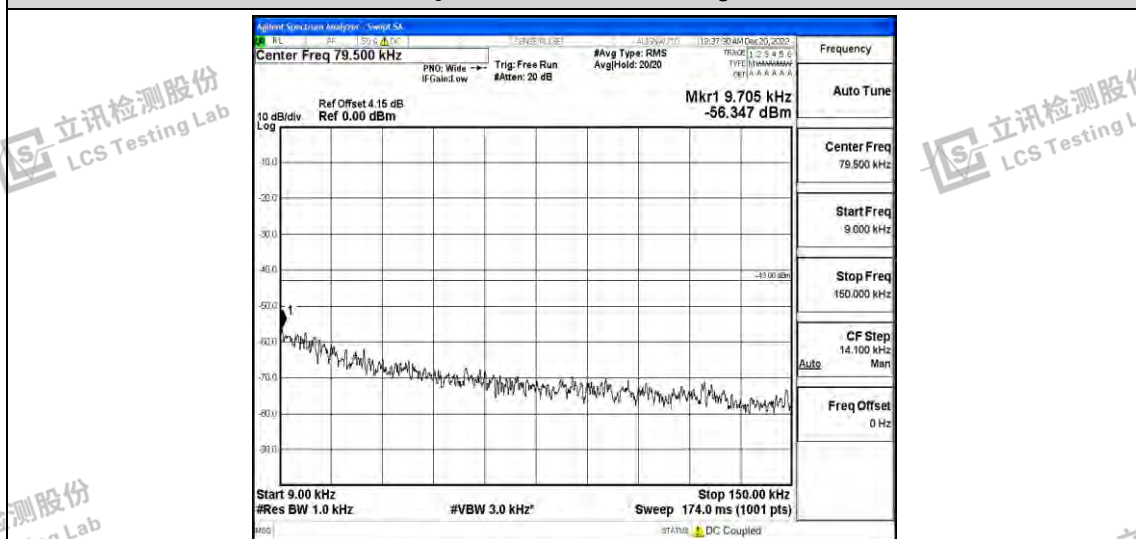




Band12-1.4MHz-QPSK-23173-1RB#0-Range4:1000~10000MHz

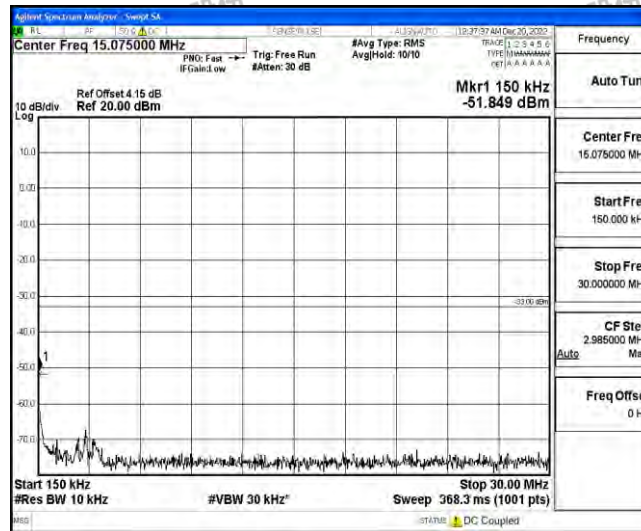


Band12-1.4MHz-16QAM-23017-1RB#0-Range1:0.009~0.15MHz

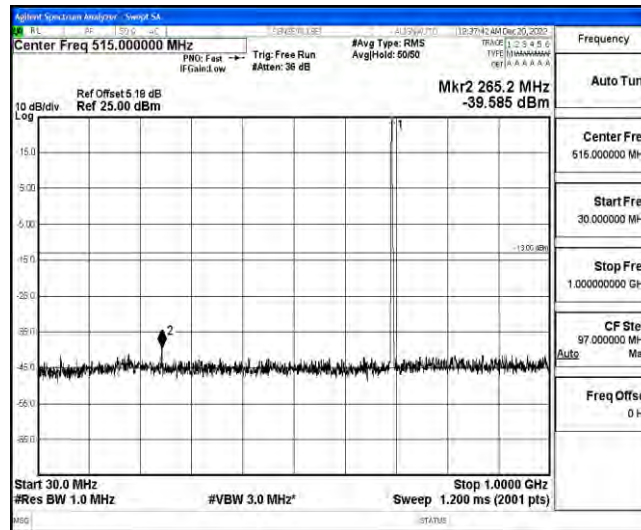


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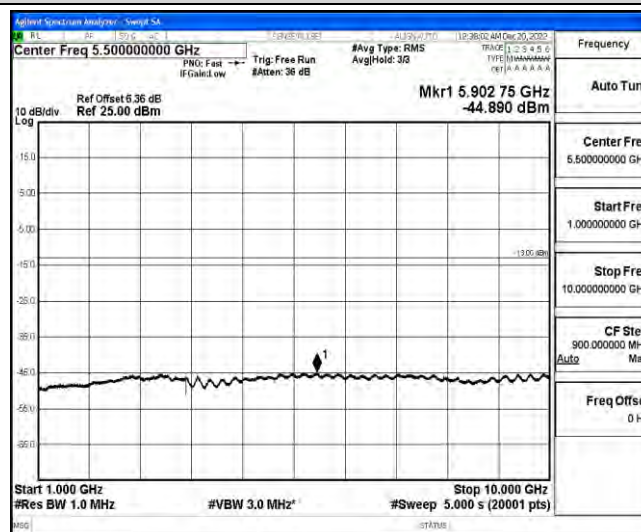




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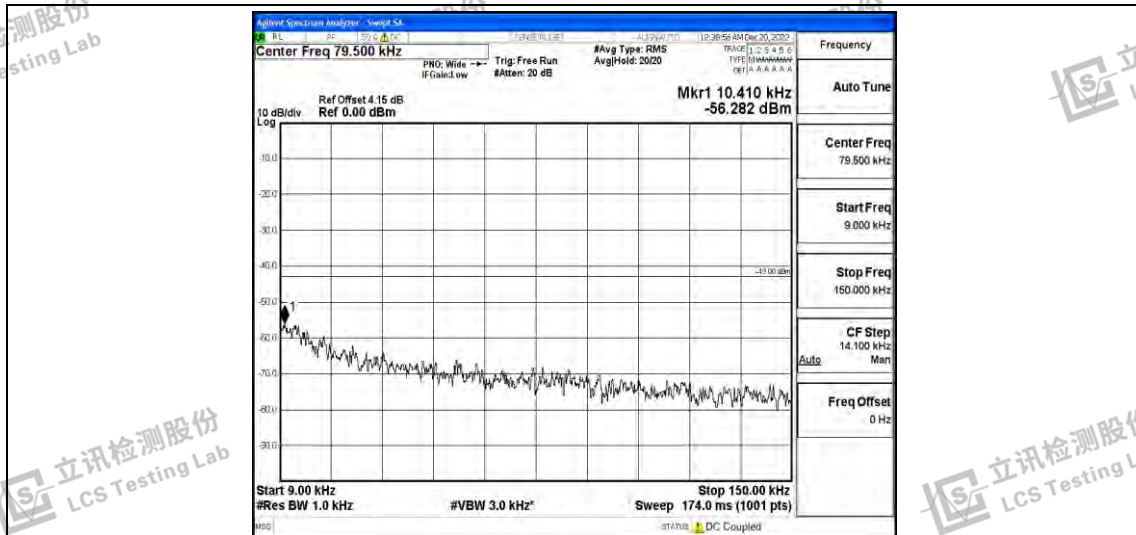


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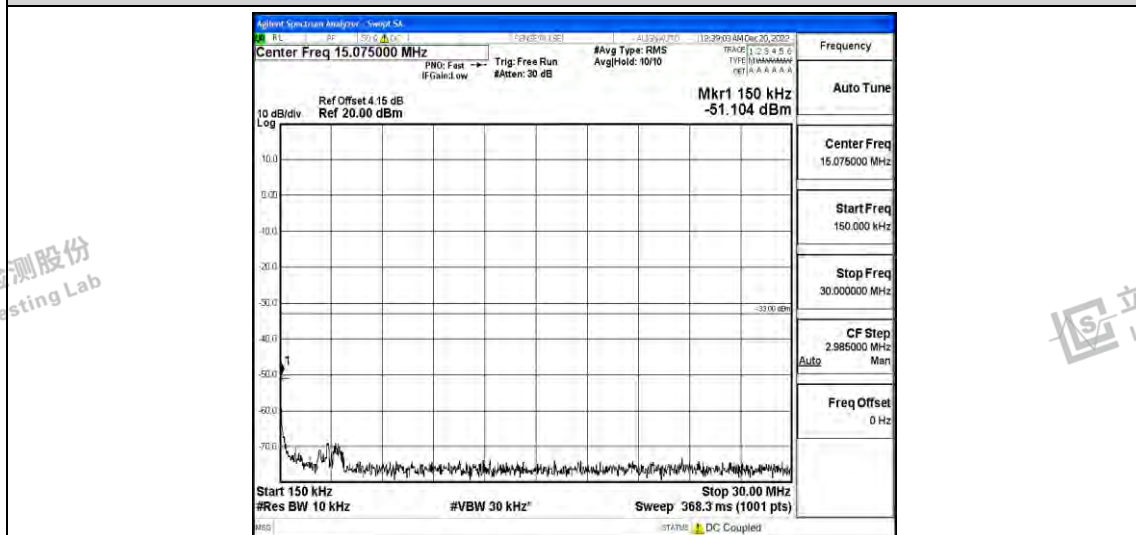


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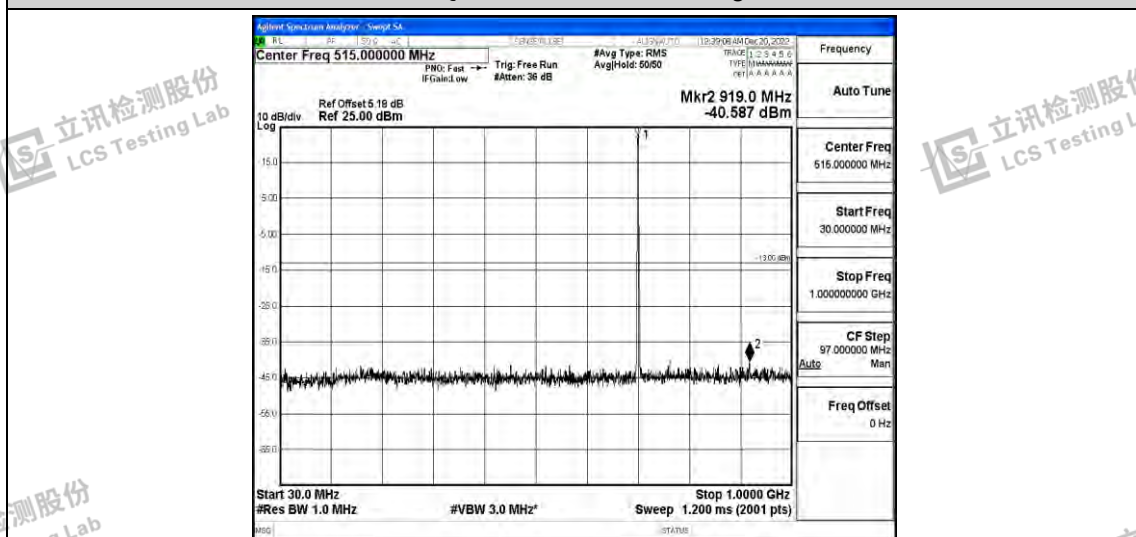




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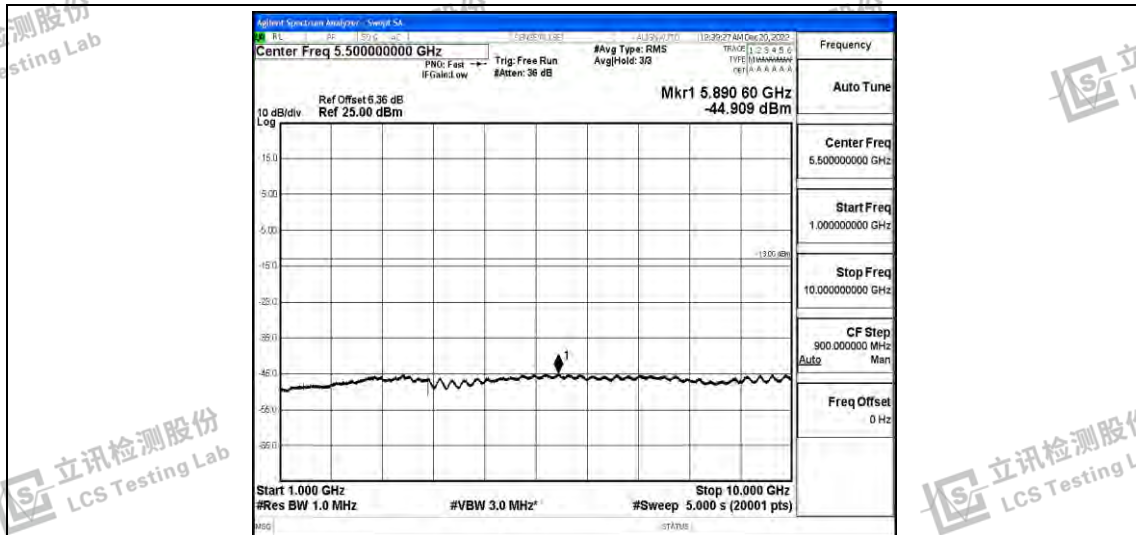
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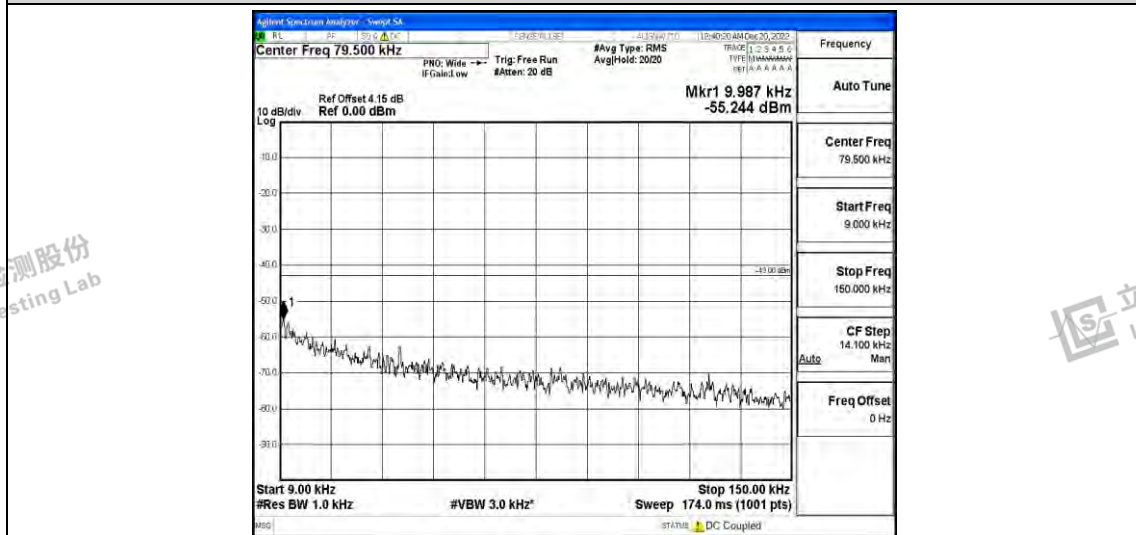
Band12-1.4MHz-16QAM-23095-1RB#0-Range4:1000~10000MHz



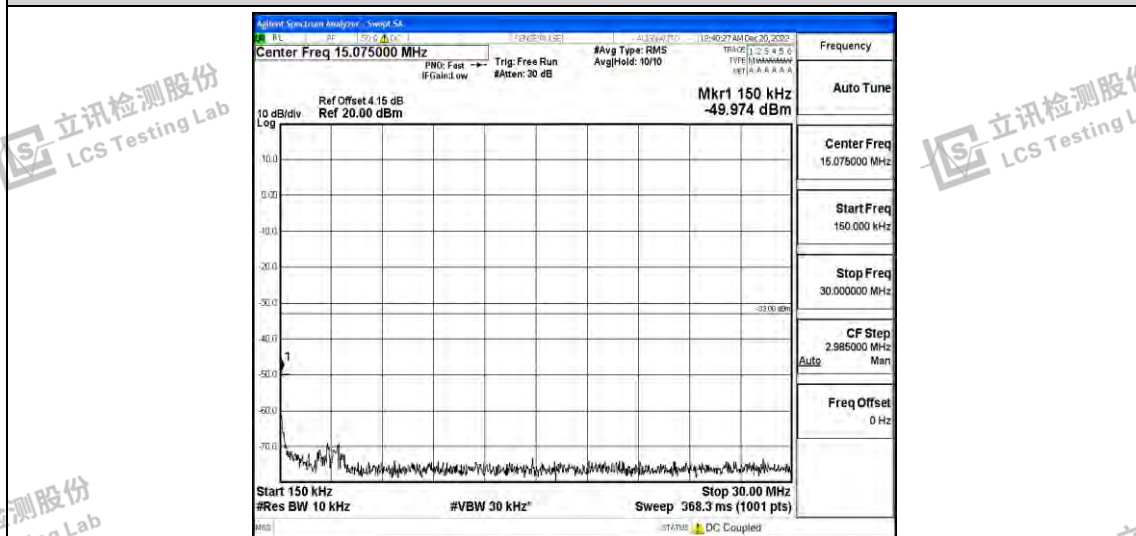
Shenzhen LCS Compliance Testing Laboratory Ltd.
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com
Scan code to check authenticity



Band12-1.4MHz-16QAM-23173-1RB#0-Range1:0.009~0.15MHz

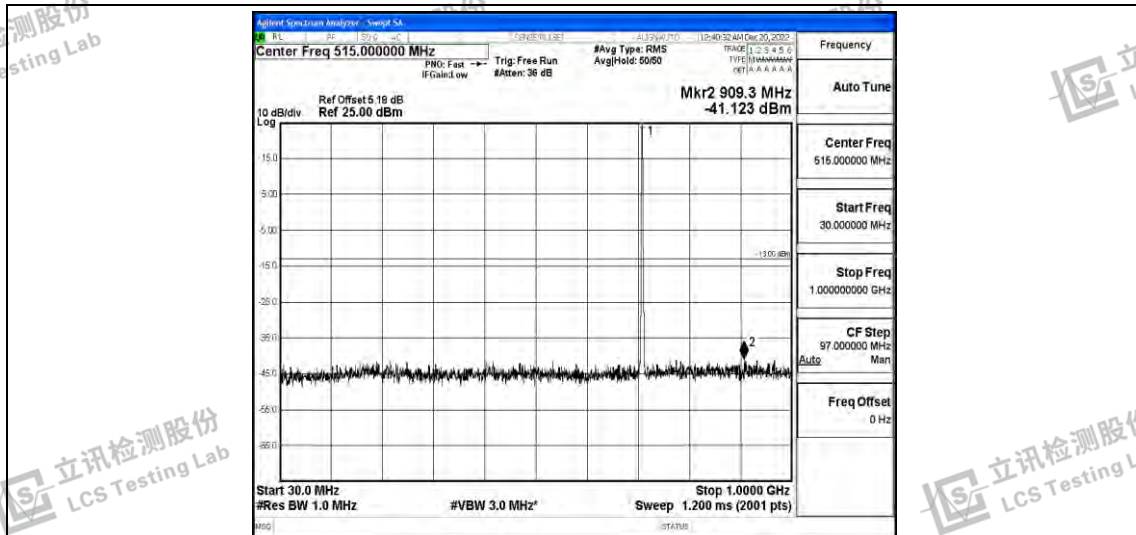


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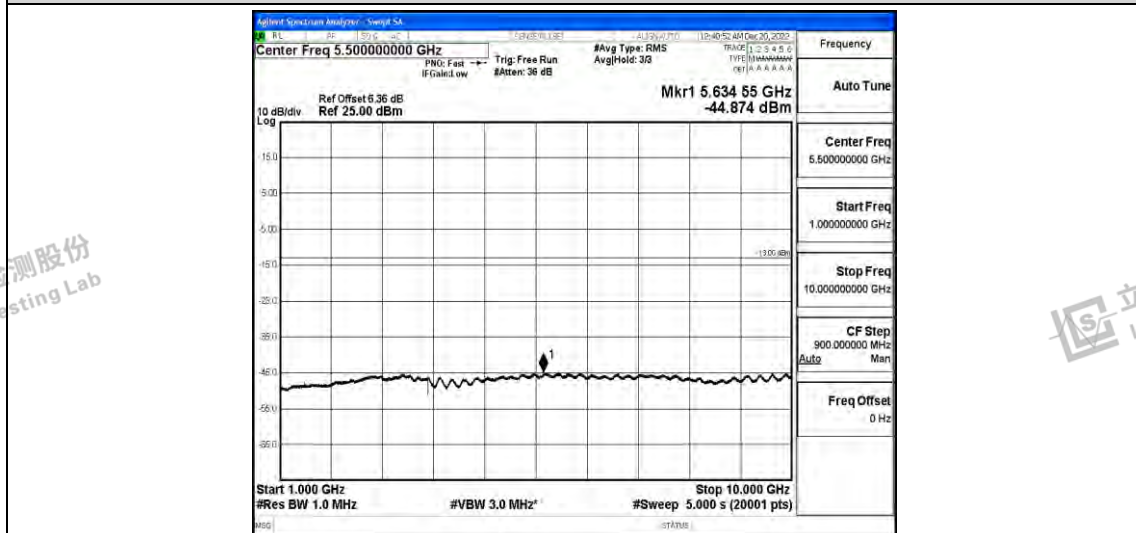


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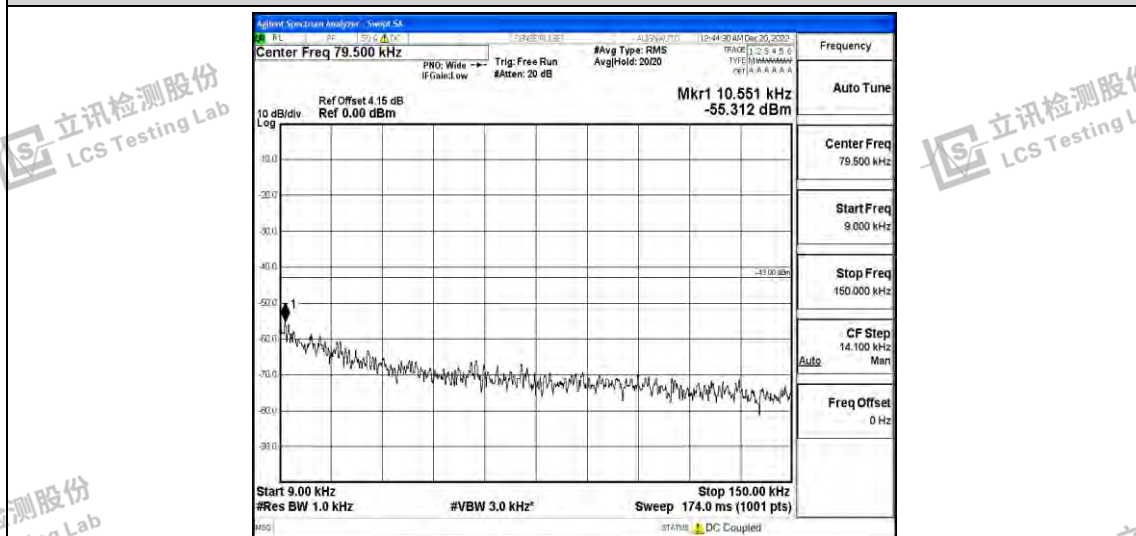




Band12-1.4MHz-16QAM-23173-1RB#0-Range4:1000~10000MHz

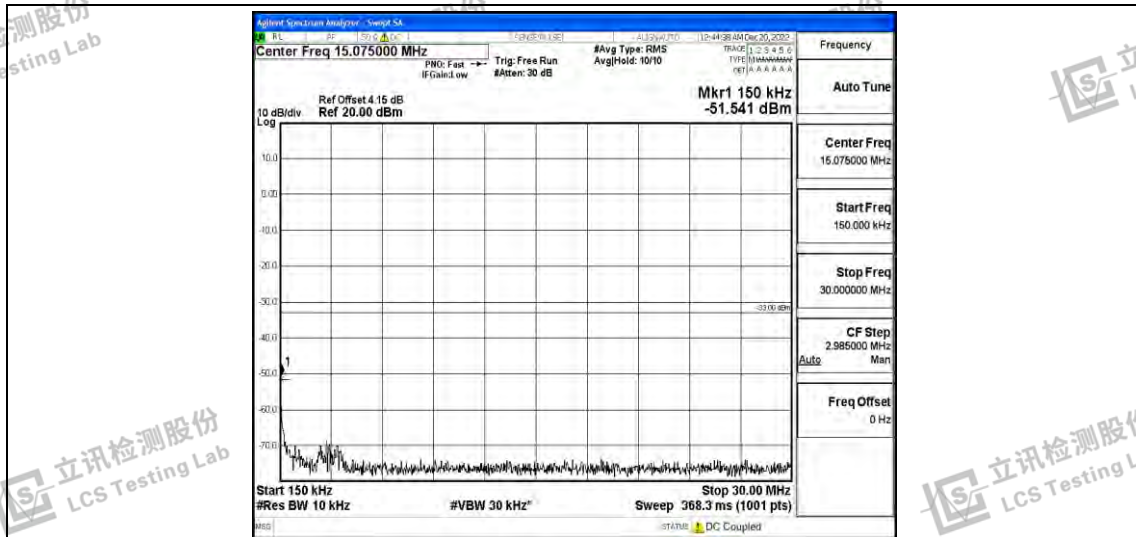


Band12-3MHz-QPSK-23025-1RB#0-Range1:0.009~0.15MHz

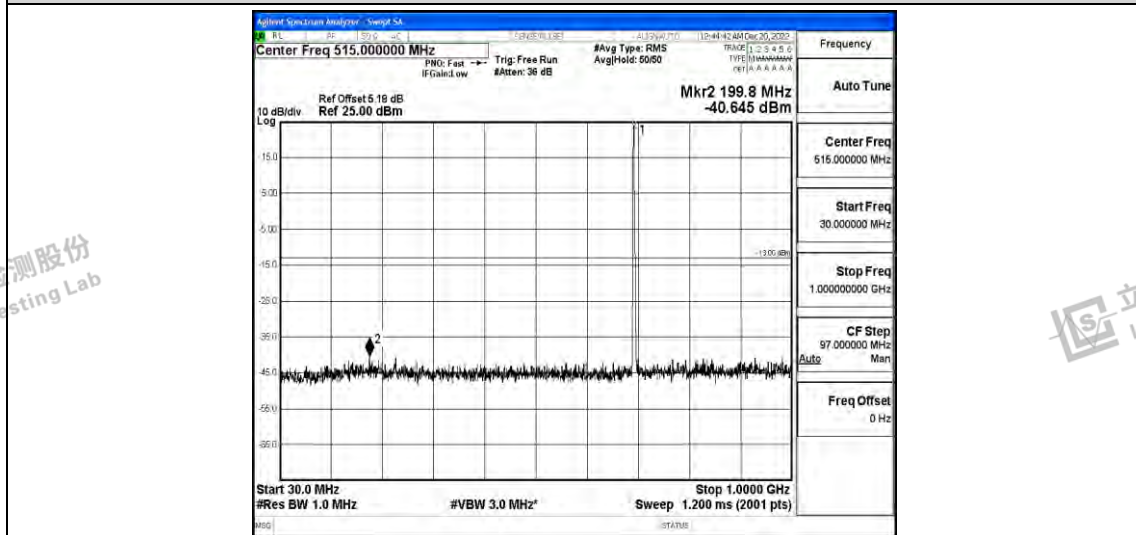


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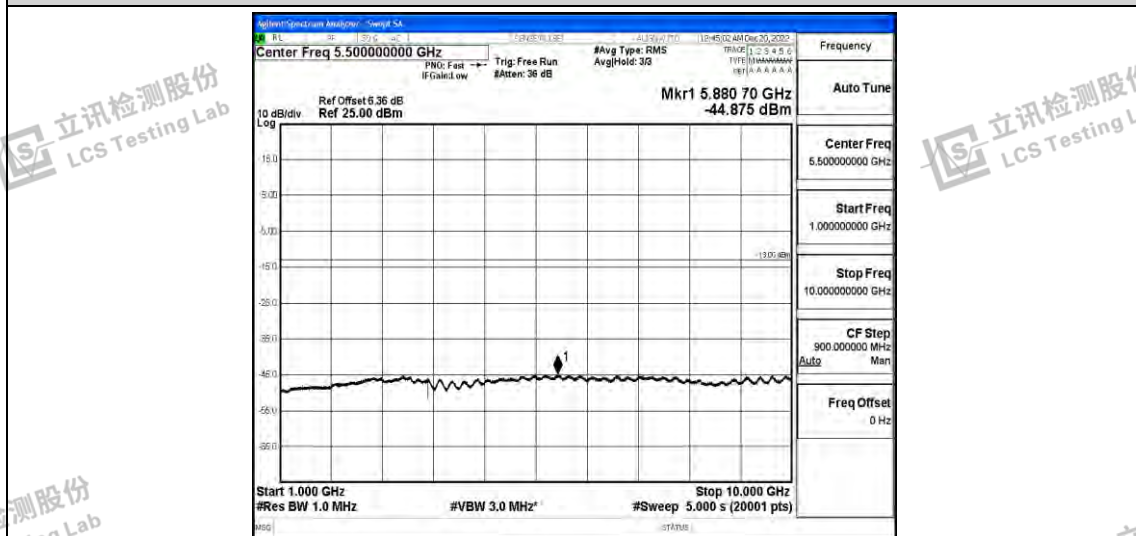




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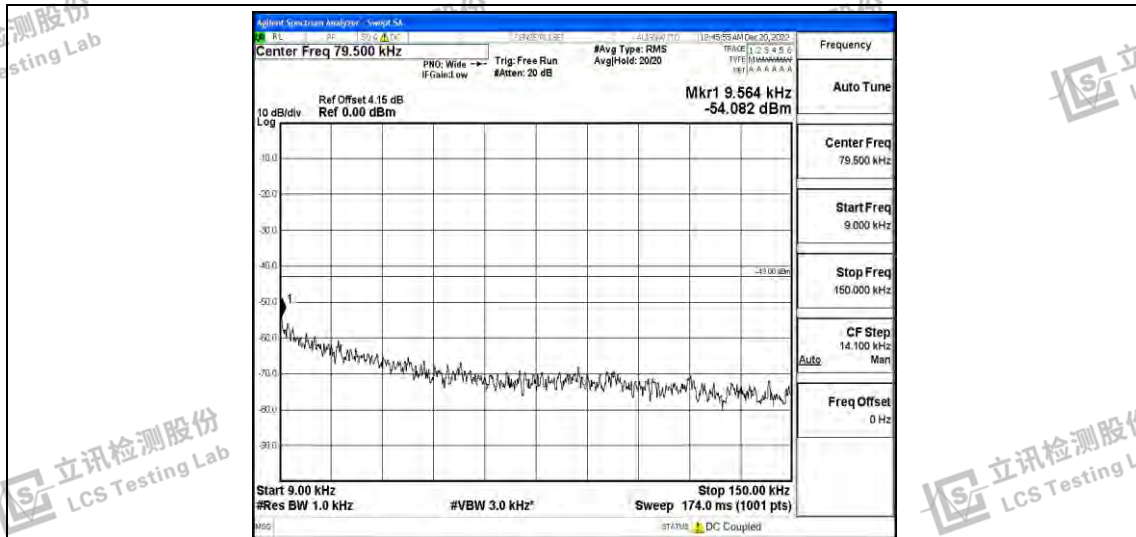


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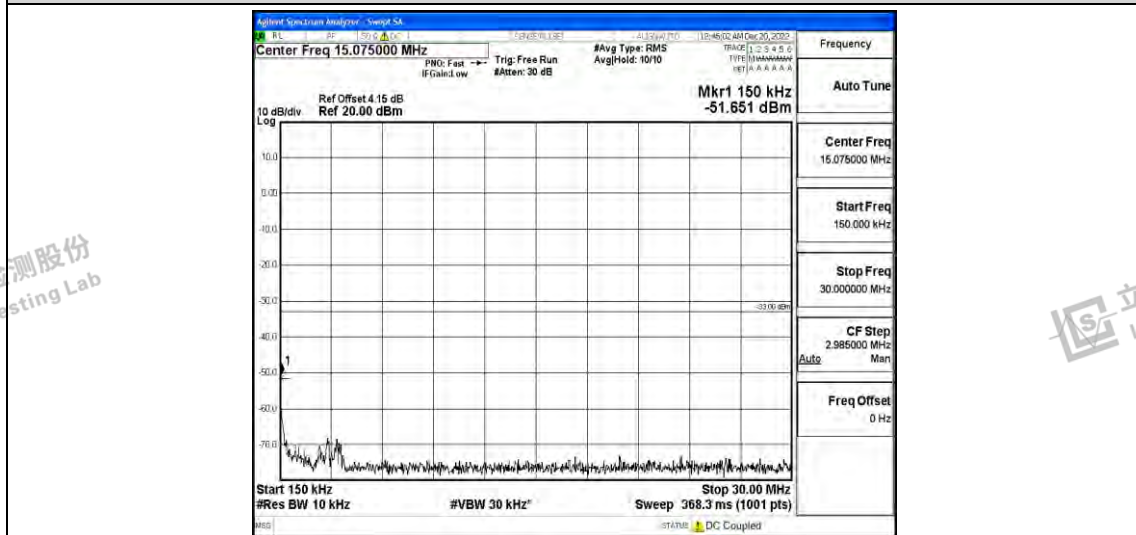


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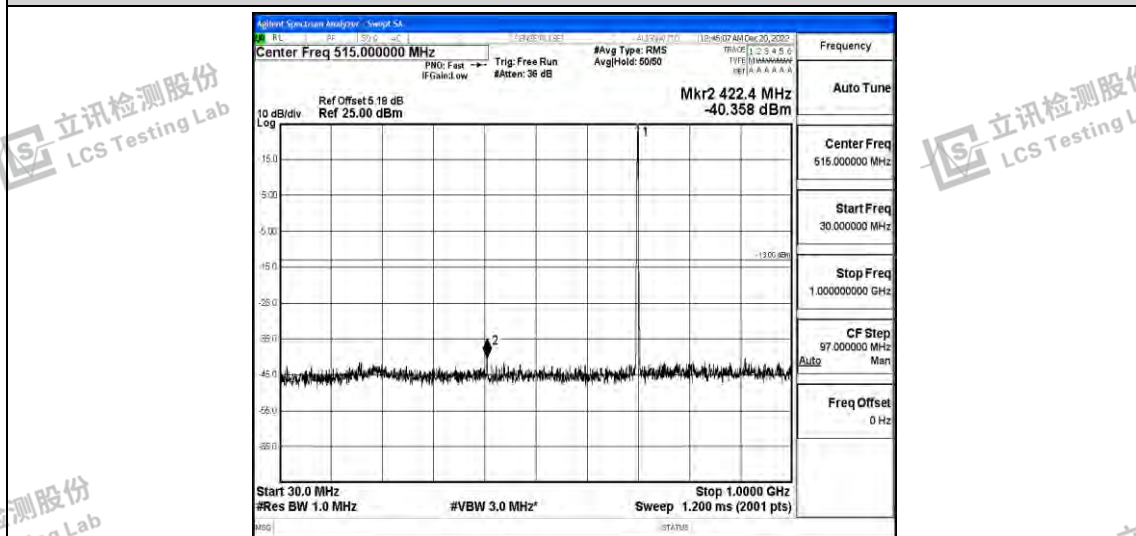




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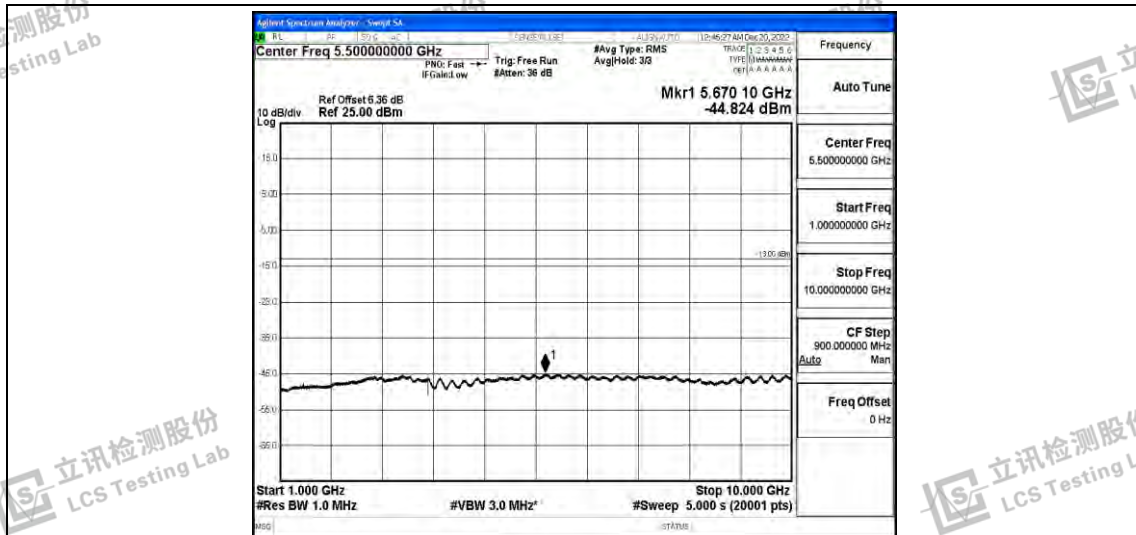


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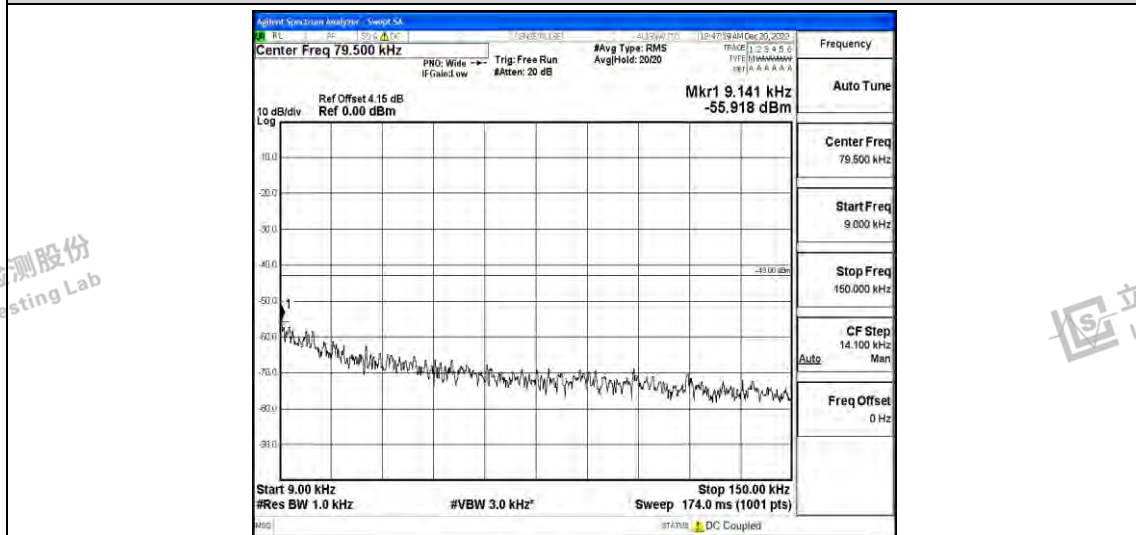


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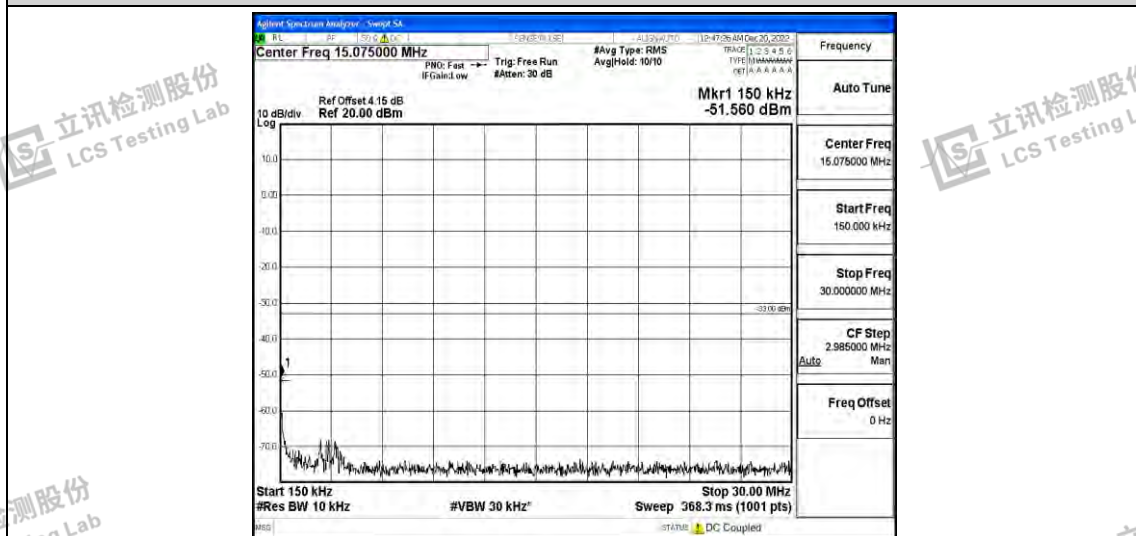




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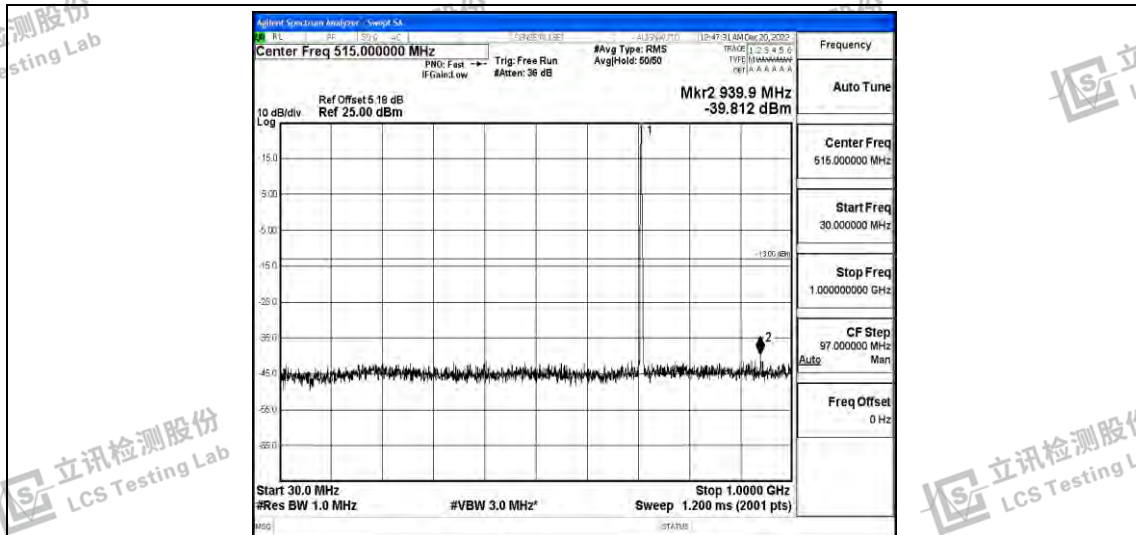


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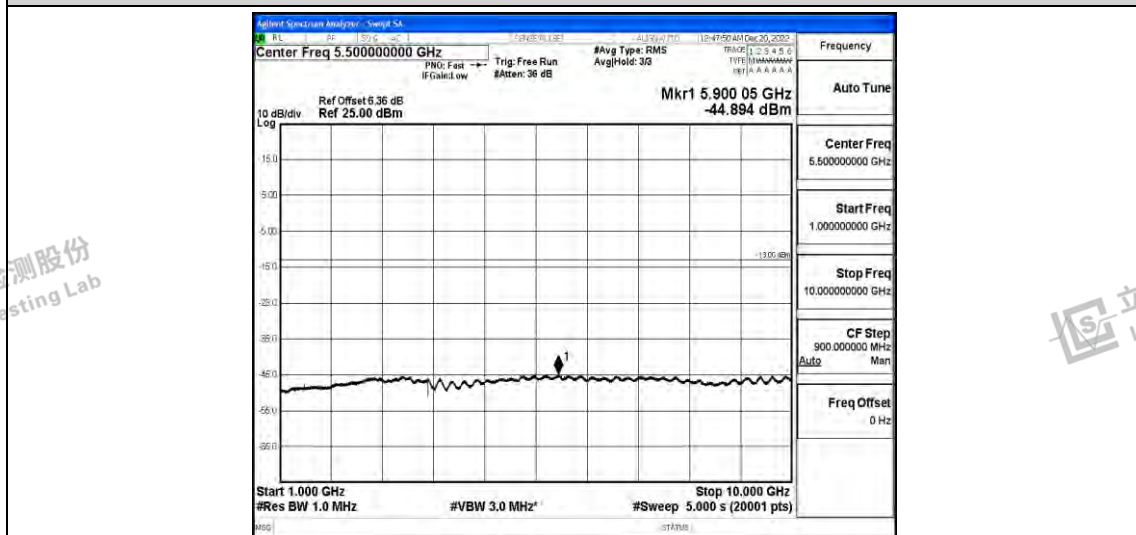


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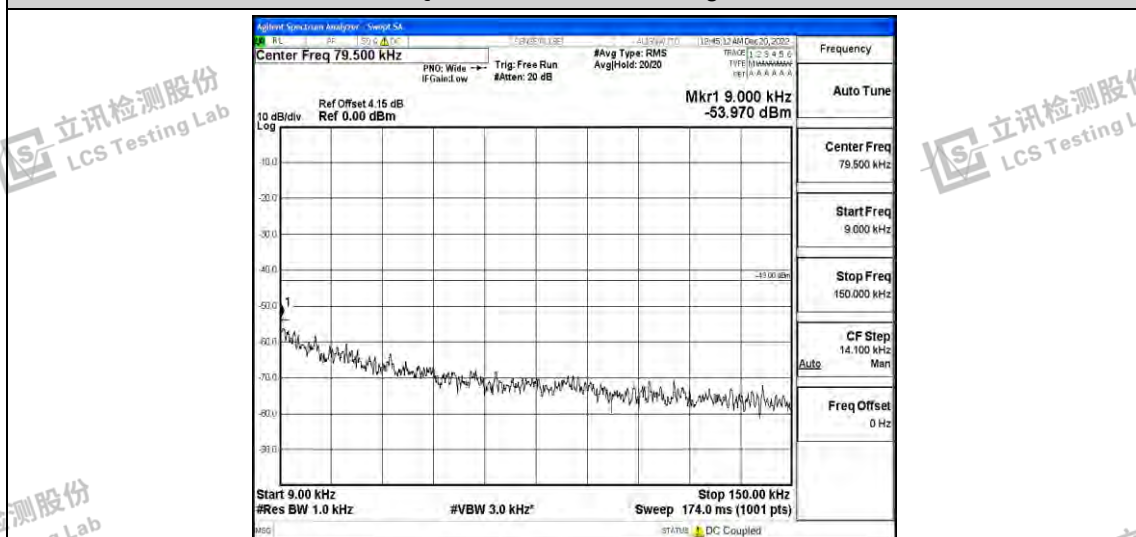




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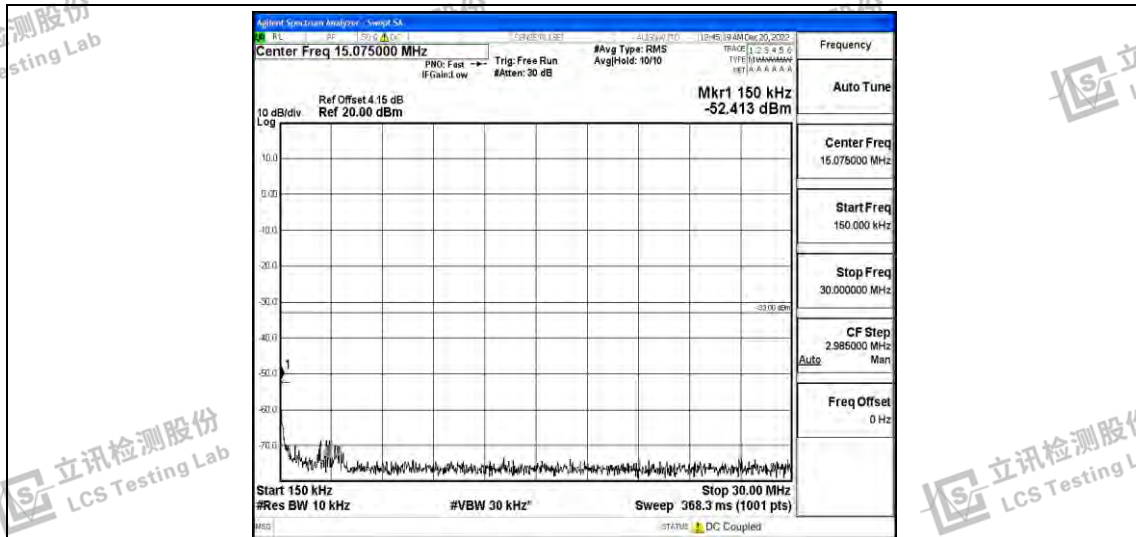


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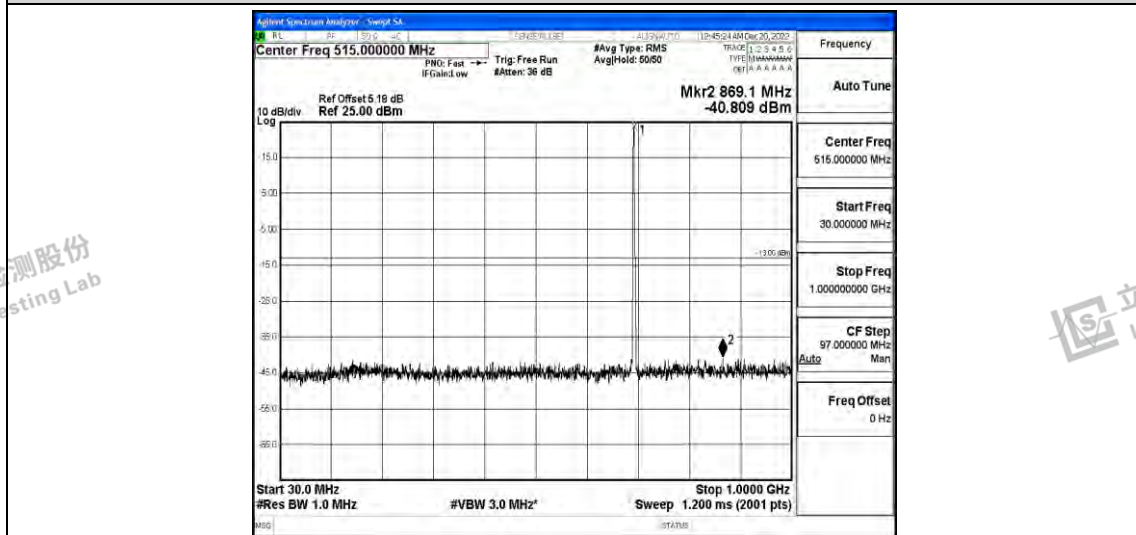


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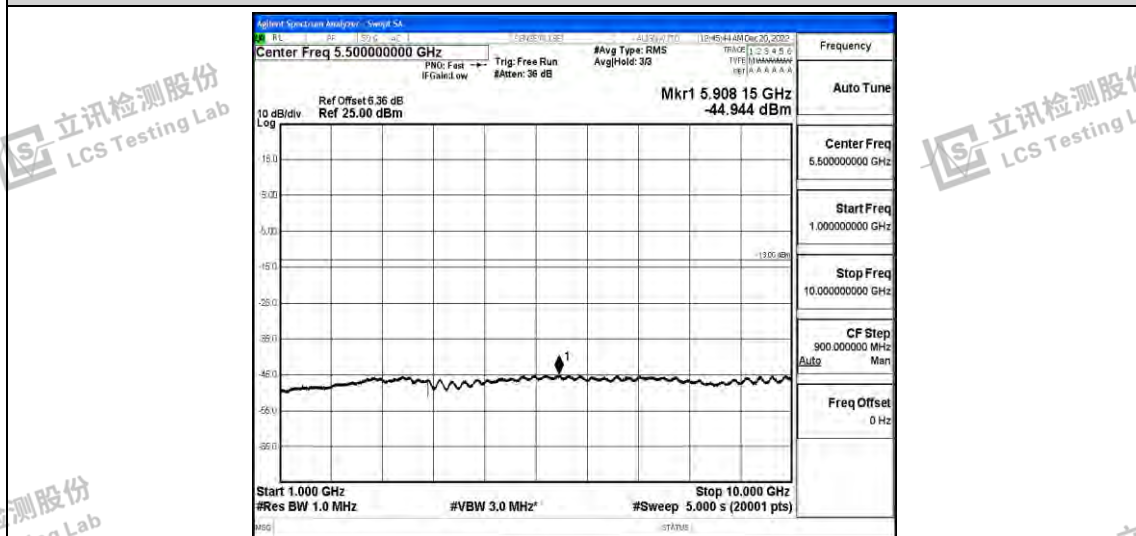




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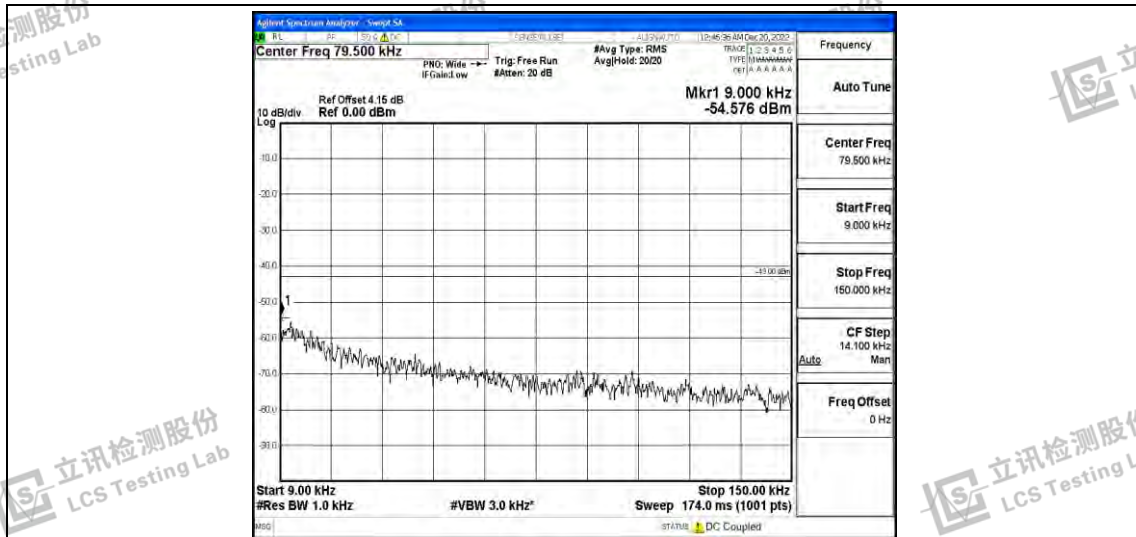


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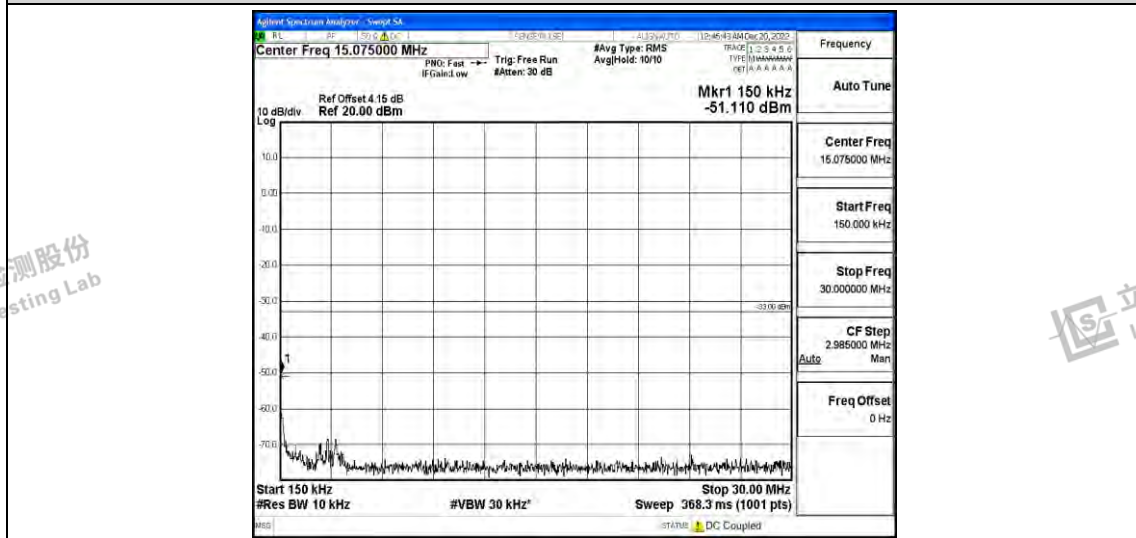


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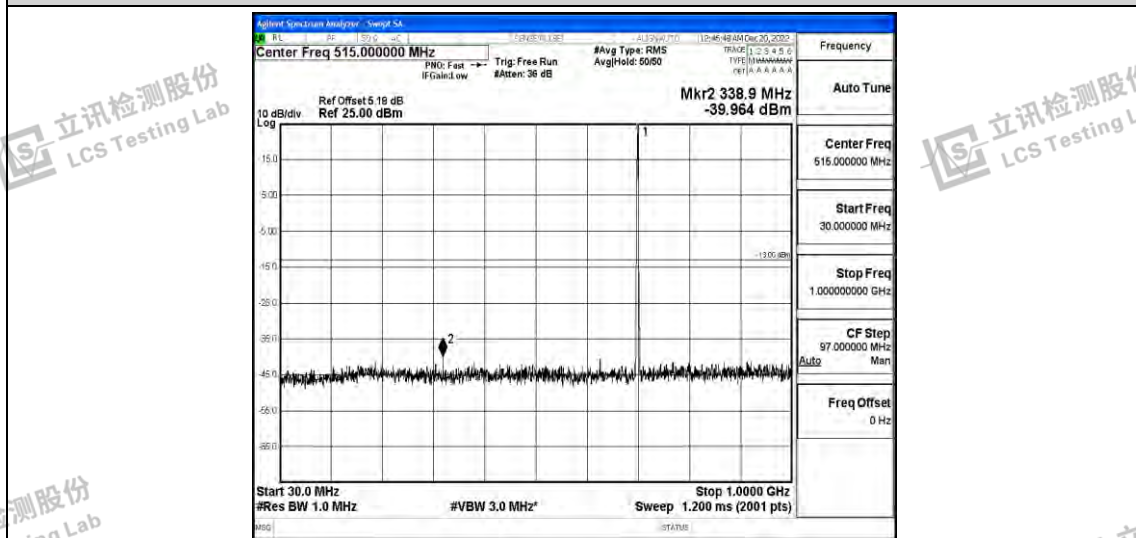




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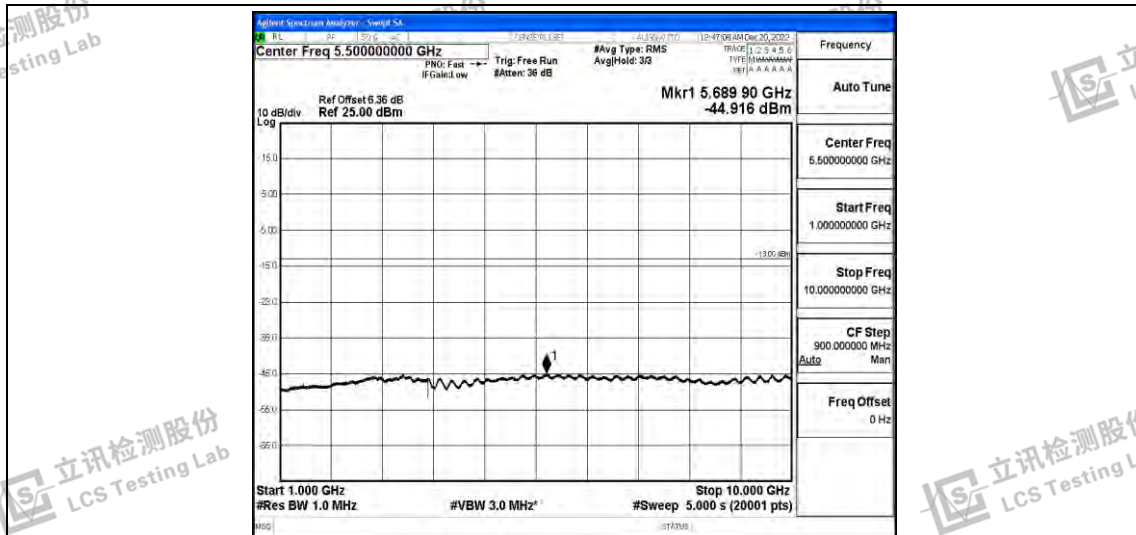


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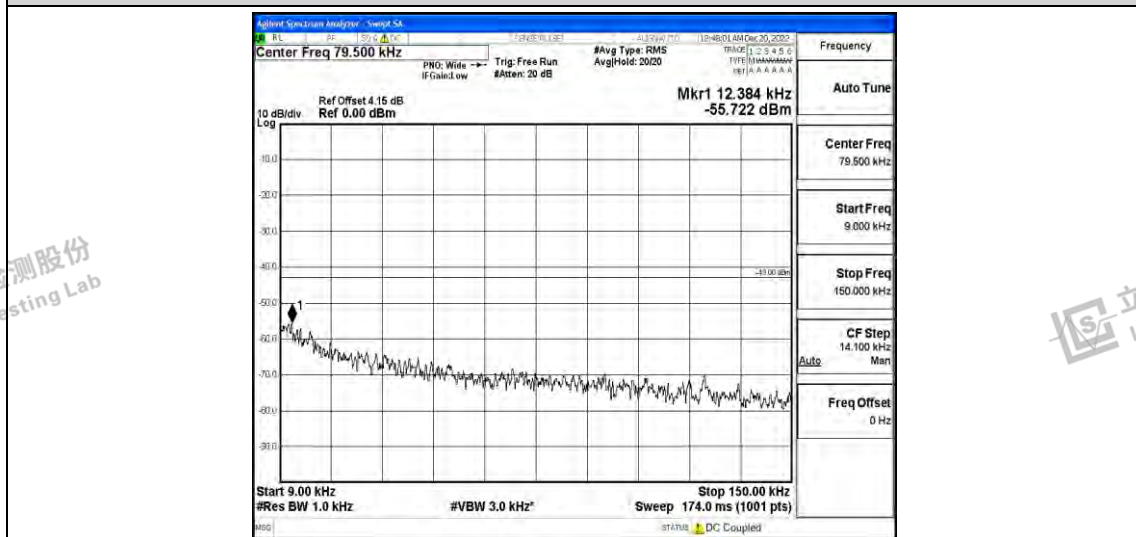


Band12-3MHz-16QAM-23095-1RB#0-Range4:1000~10000MHz

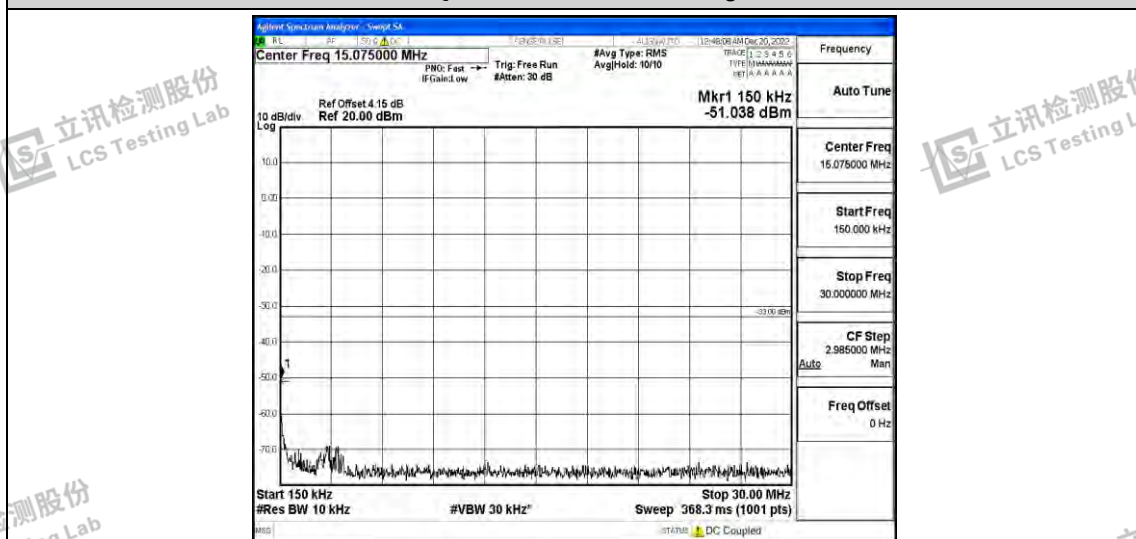




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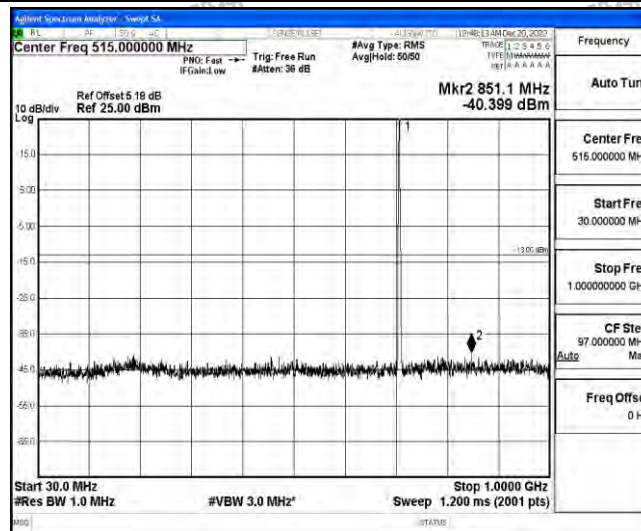


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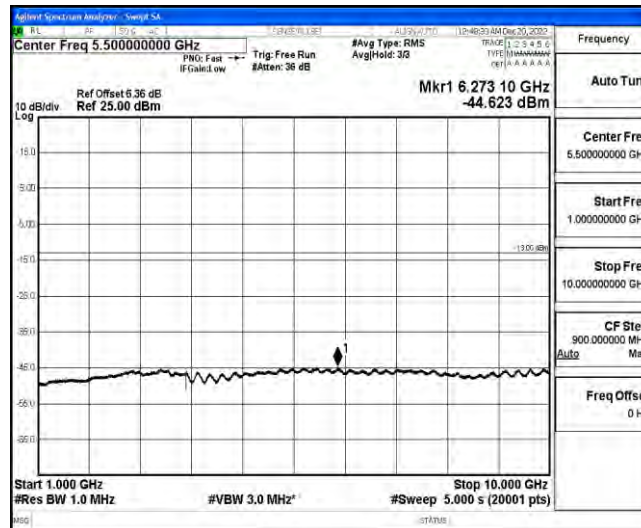


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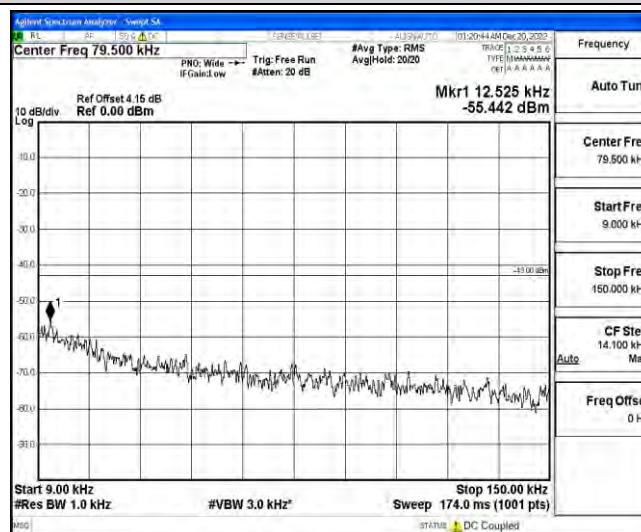




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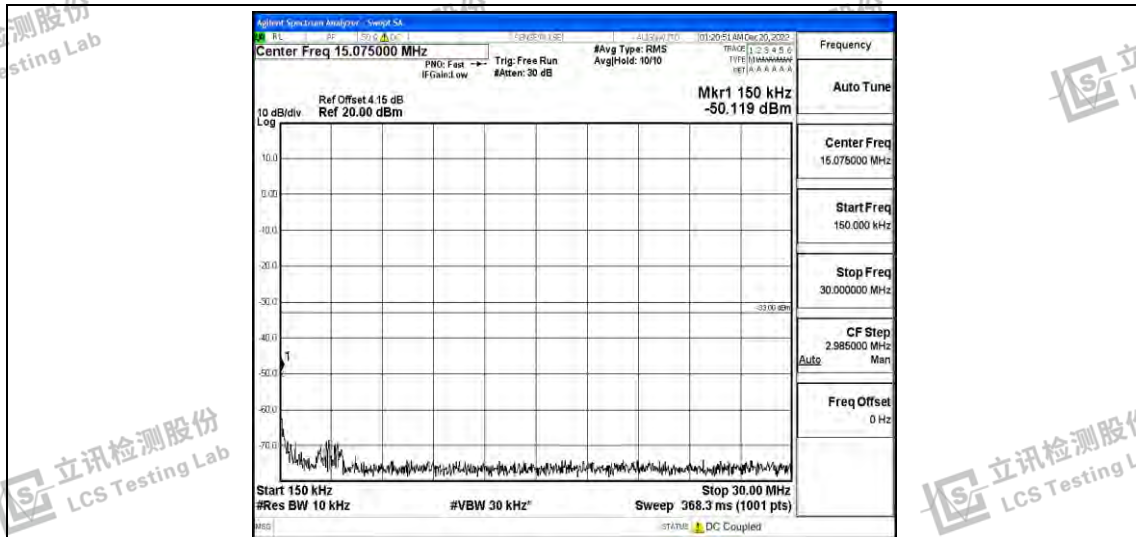


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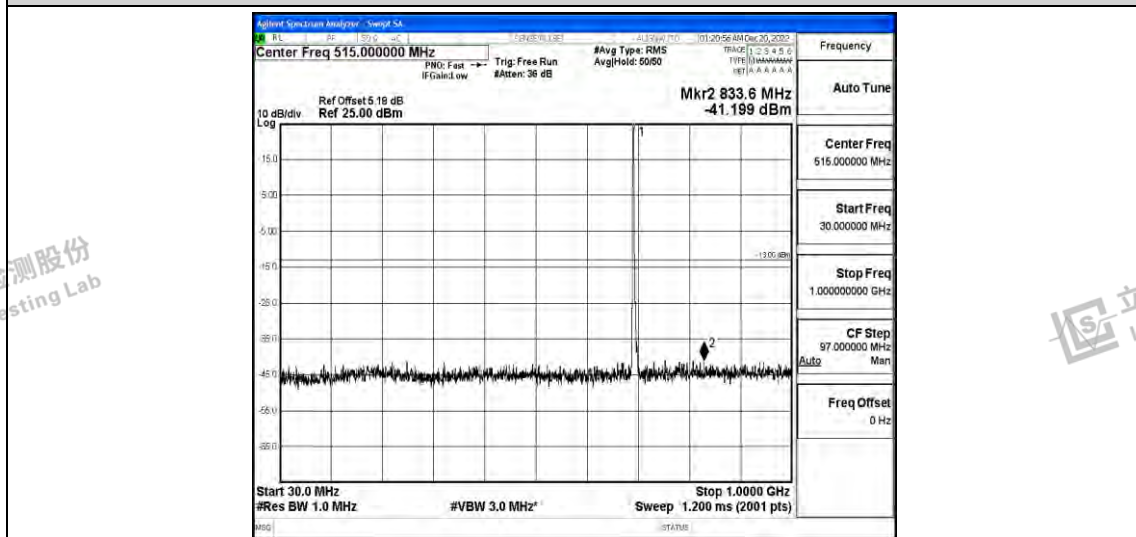


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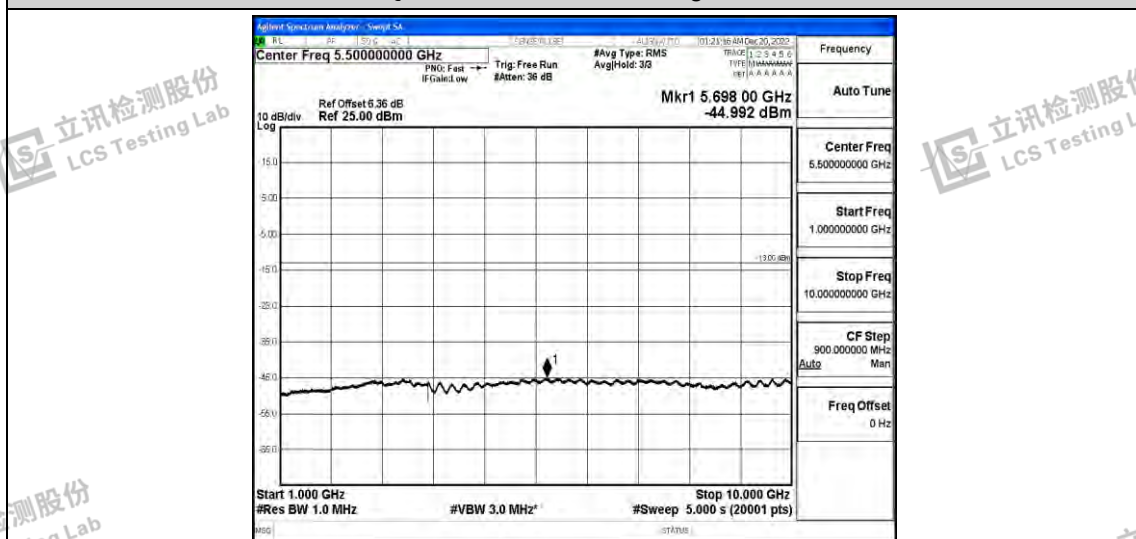




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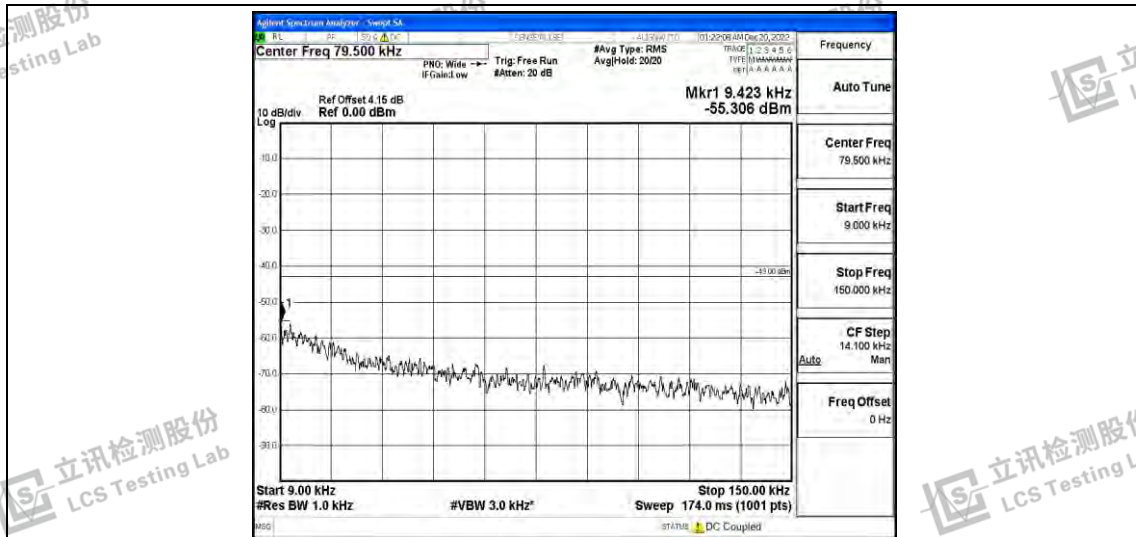


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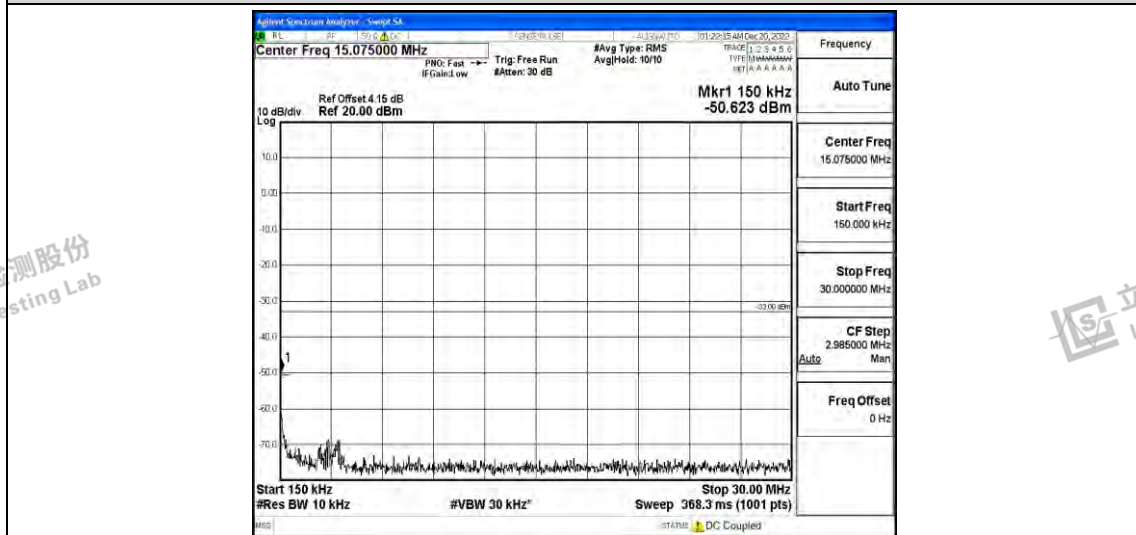


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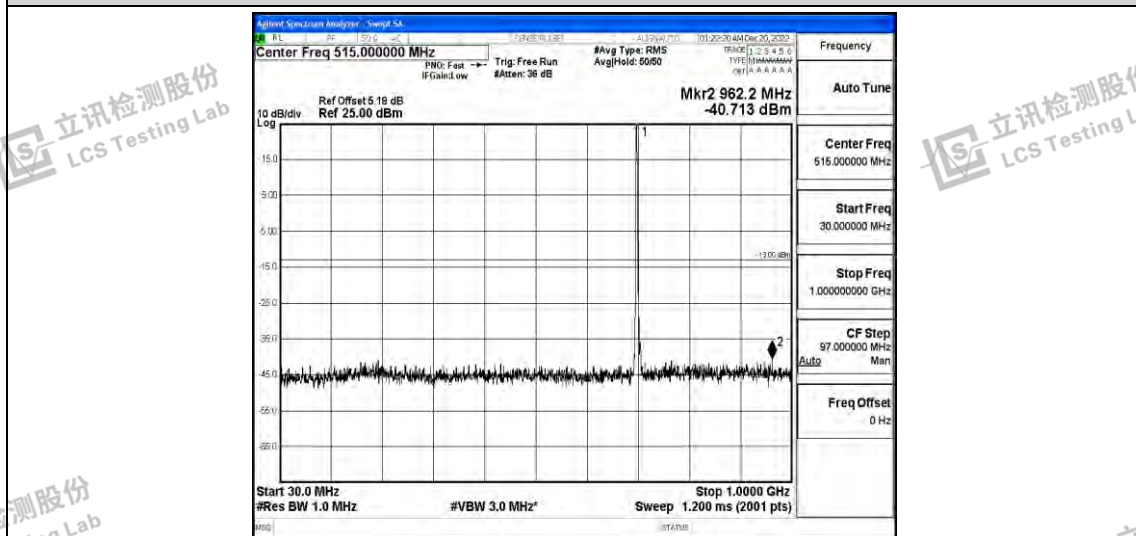




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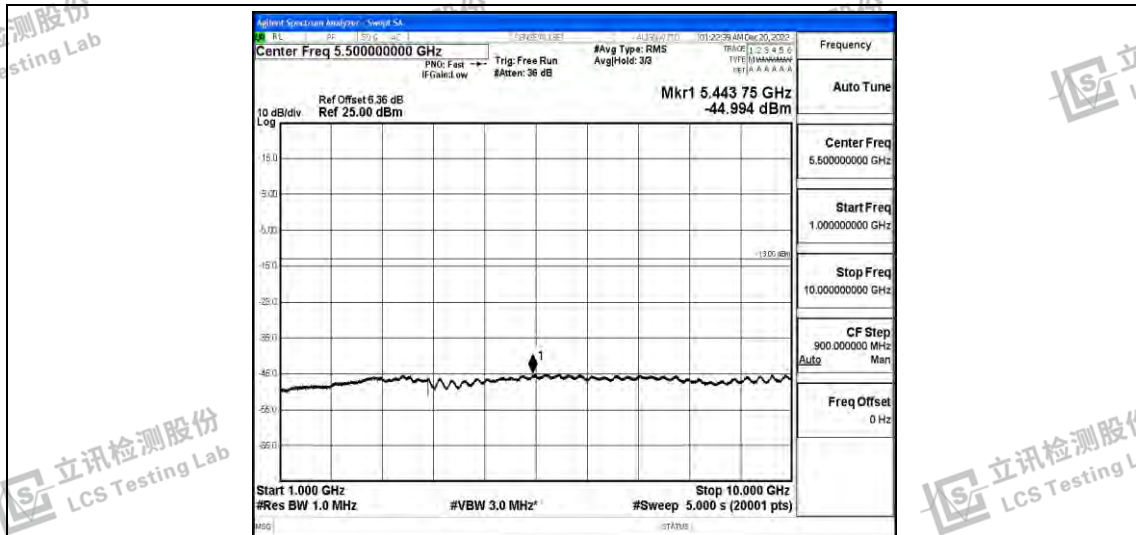


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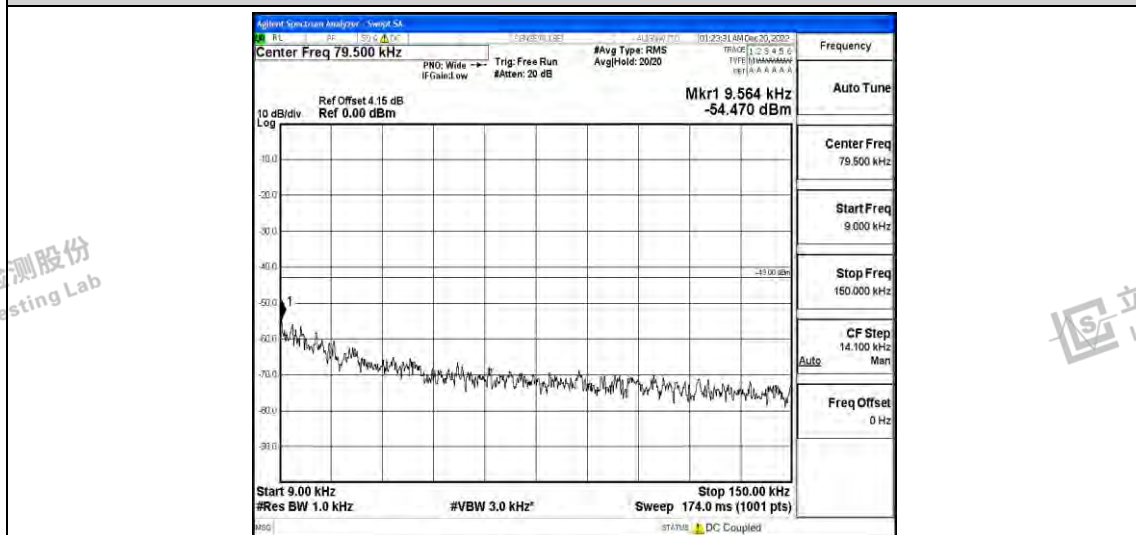


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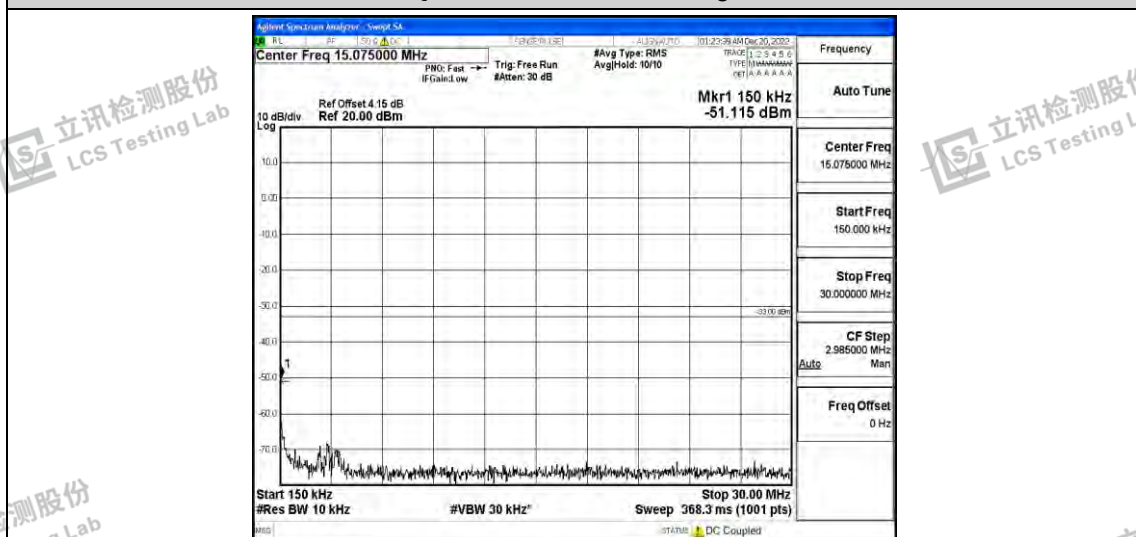




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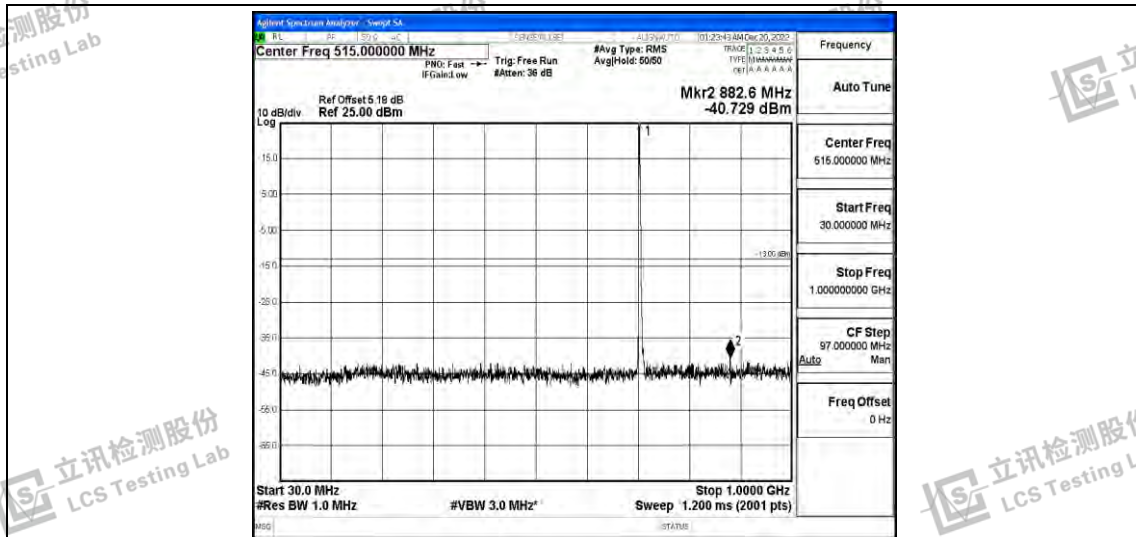


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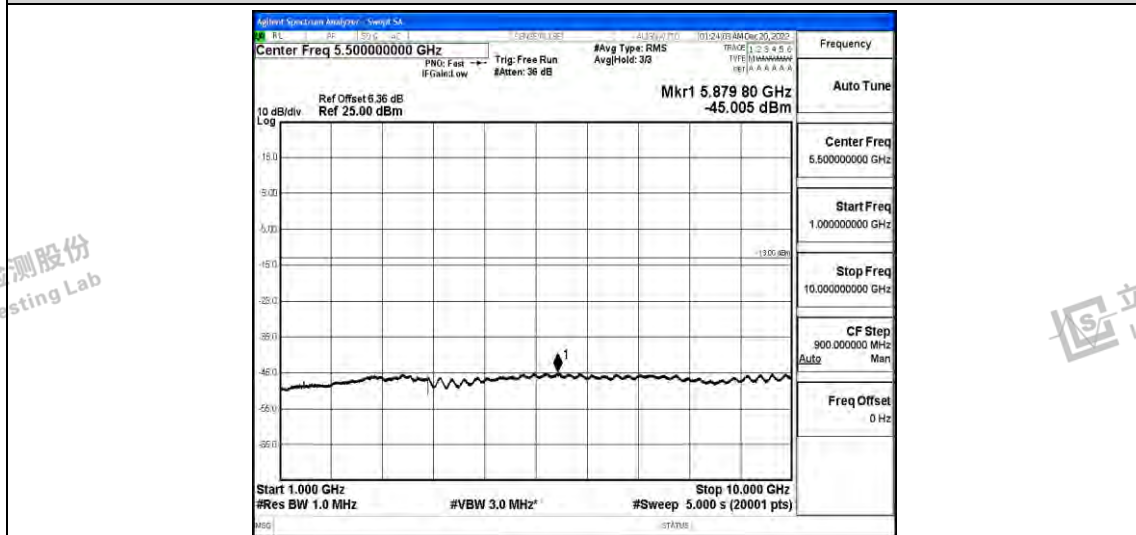


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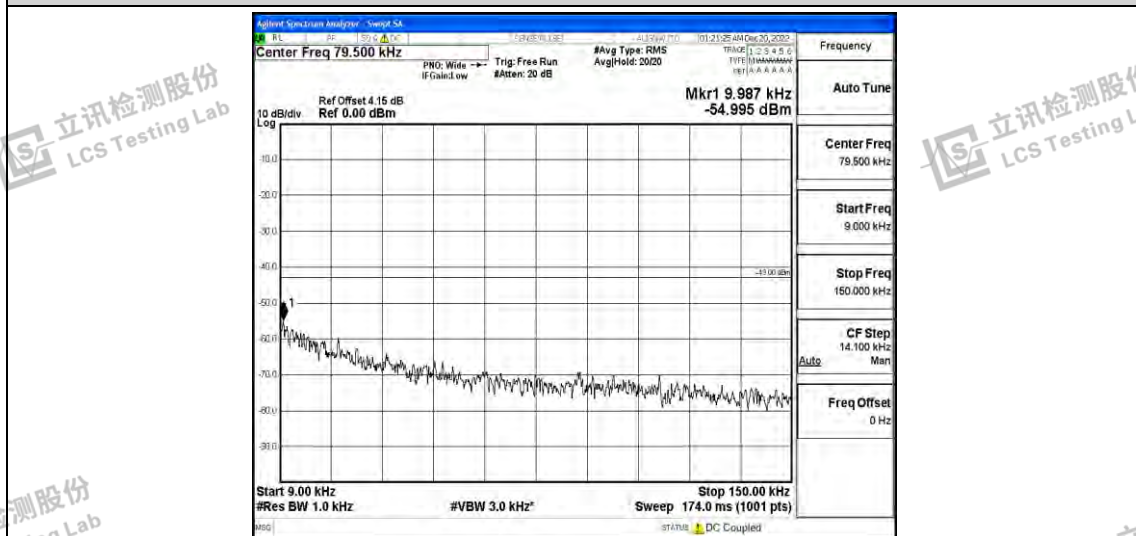




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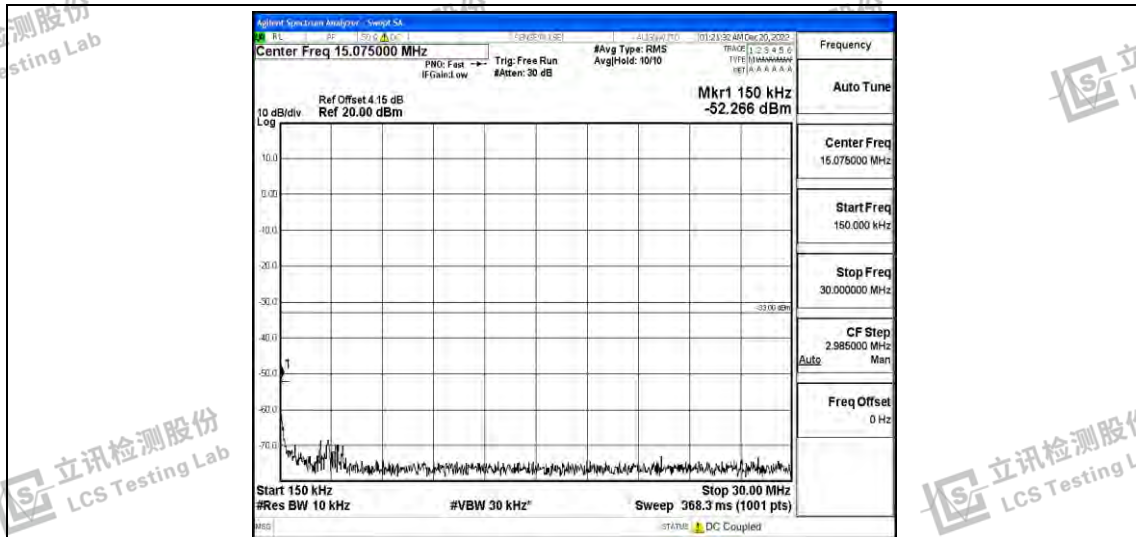


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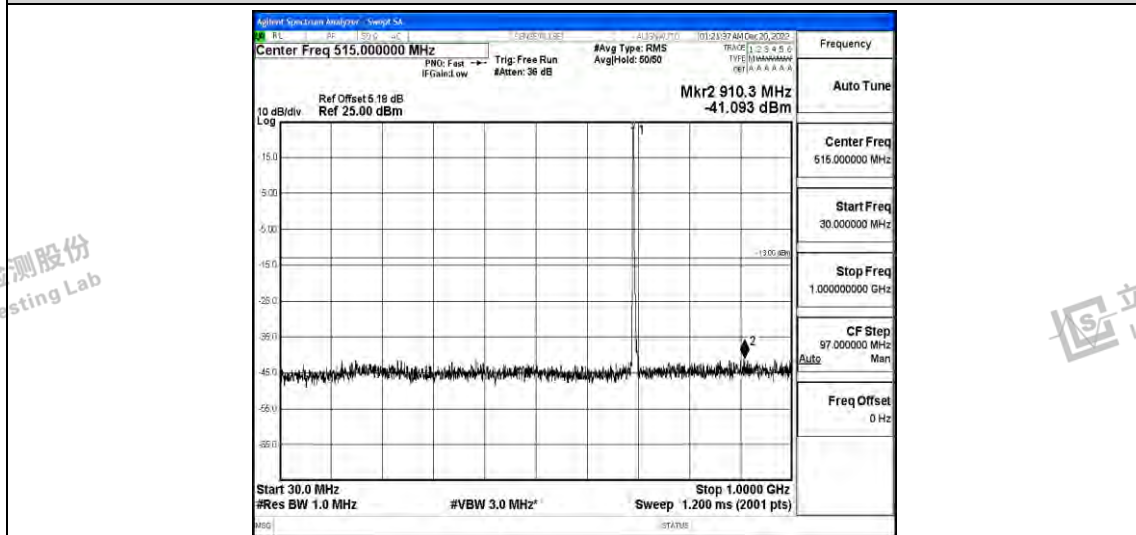


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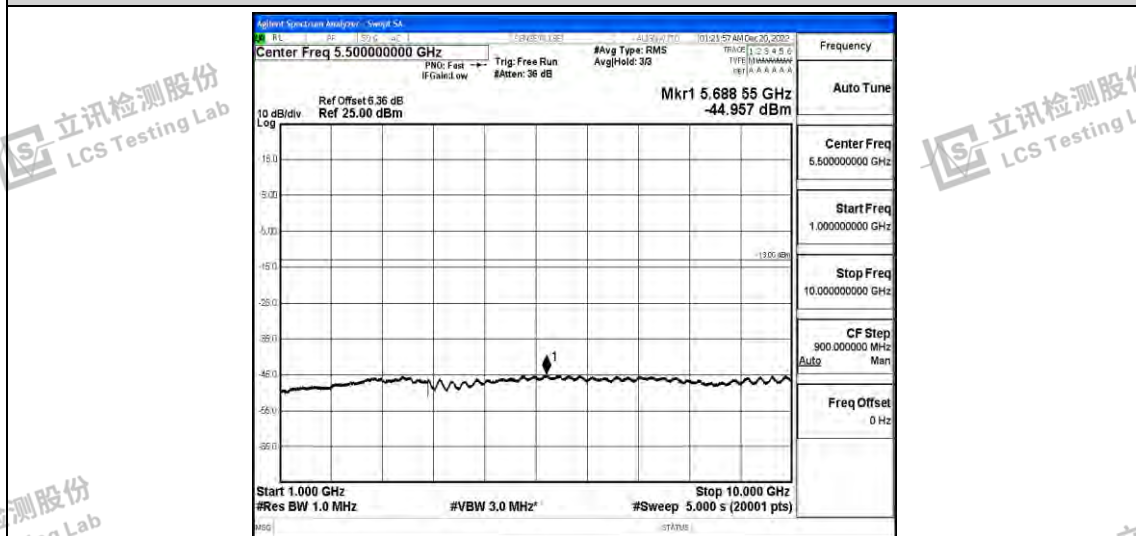




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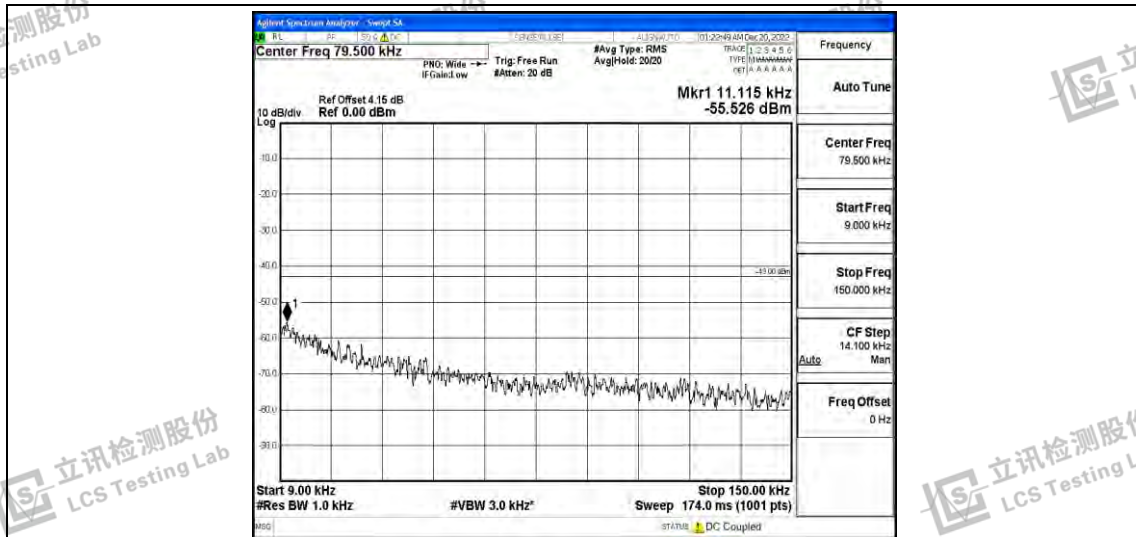


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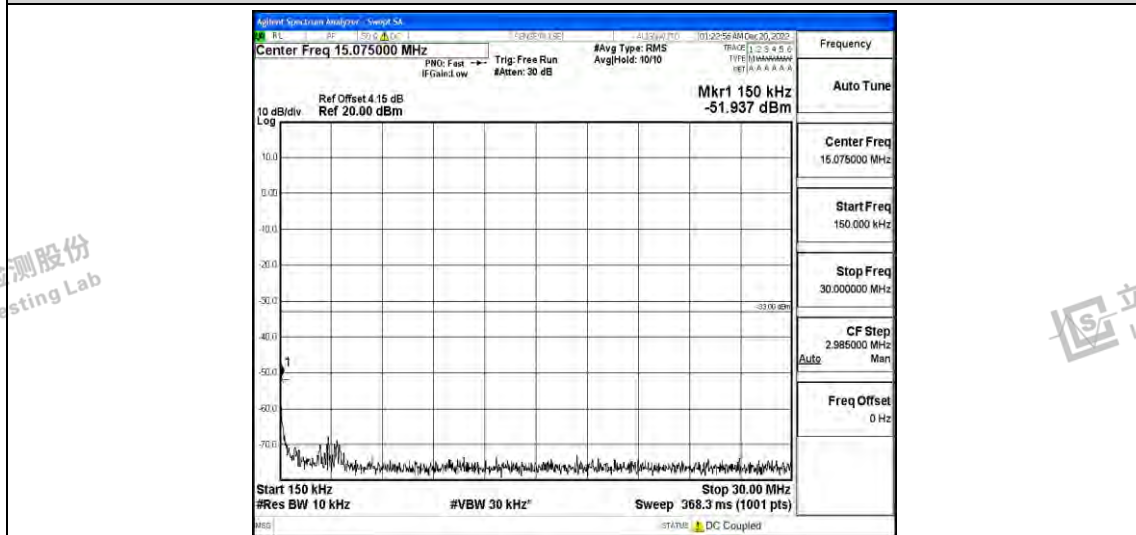


Band12-5MHz-16QAM-23095-1RB#0-Range1:0.009~0.15MHz

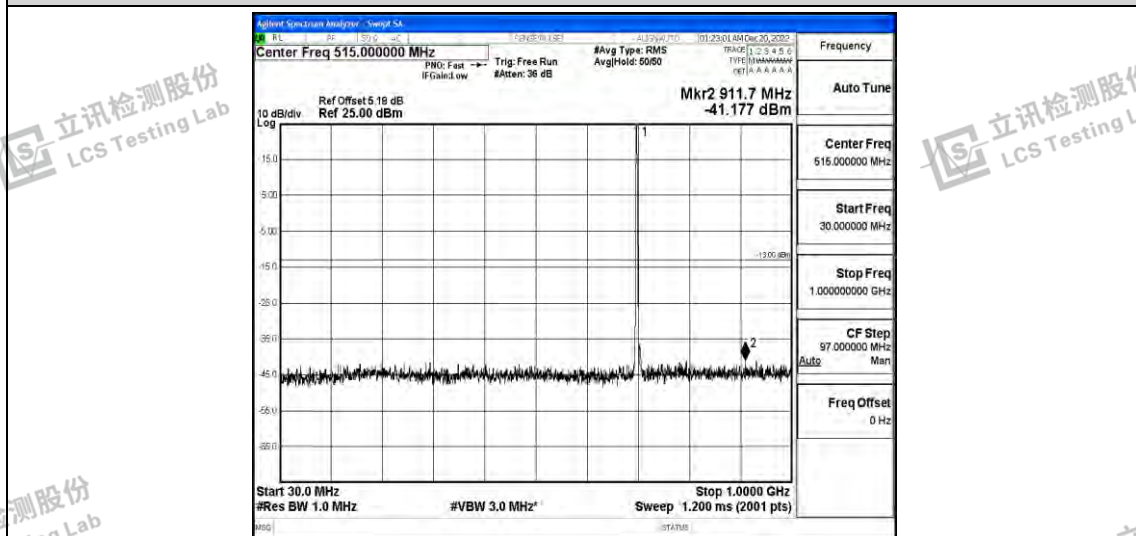




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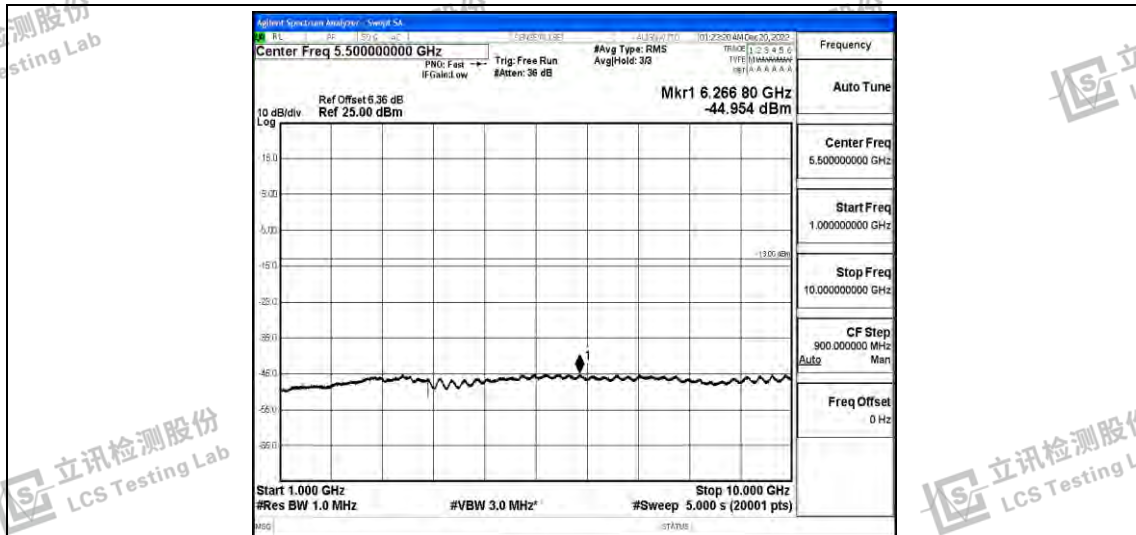


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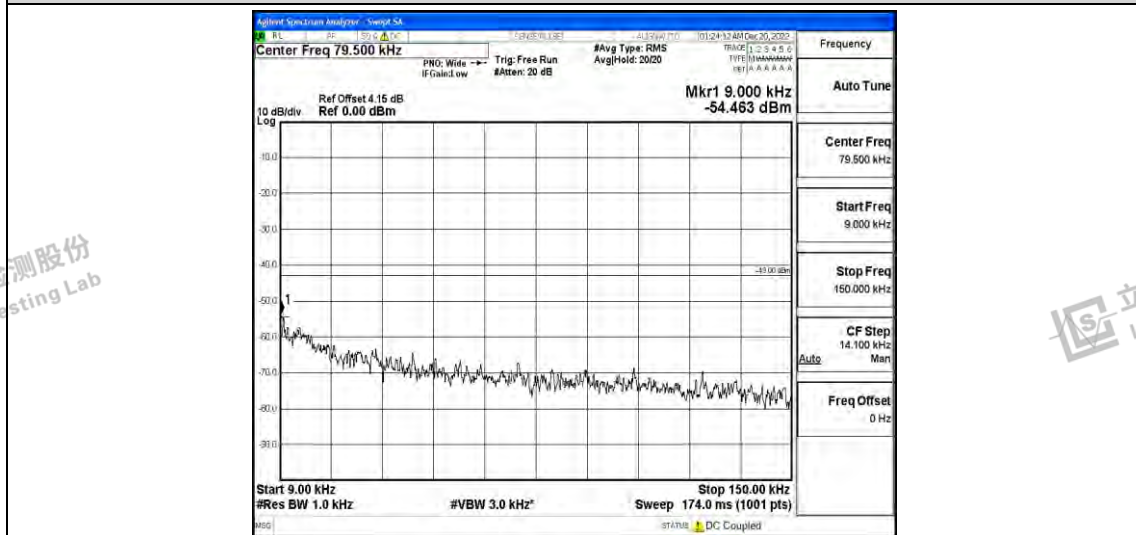


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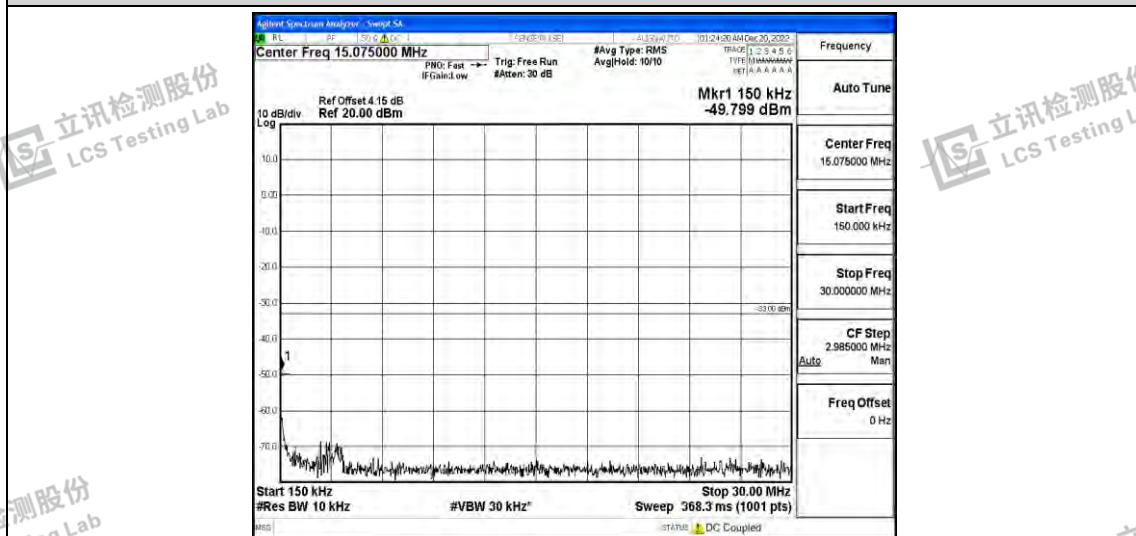




Band12-5MHz-16QAM-23155-1RB#0-Range1:0.009~0.15MHz

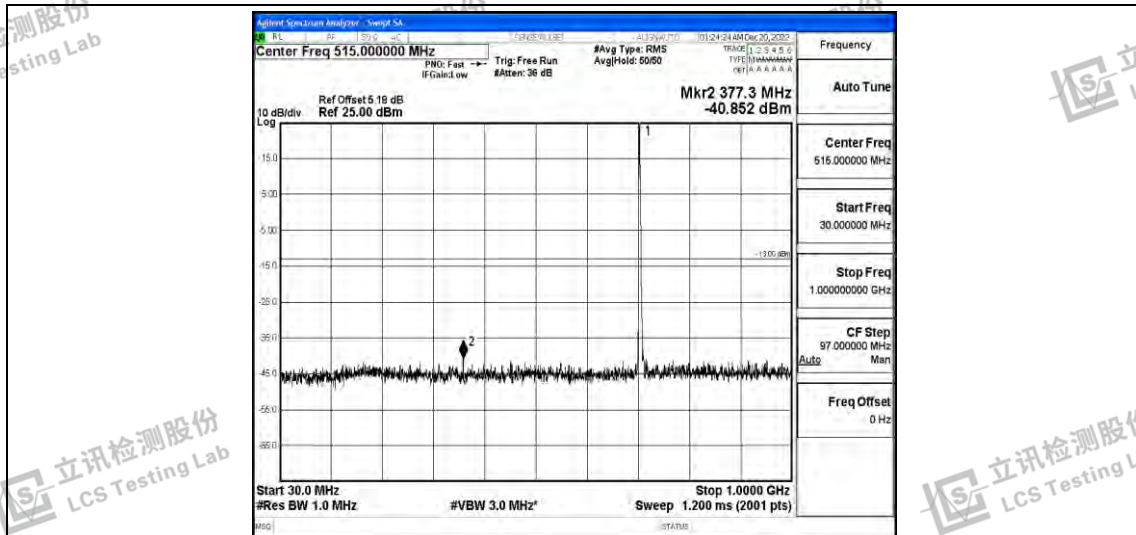


Band12-5MHz-16QAM-23155-1RB#0-Range2:0.15~30MHz

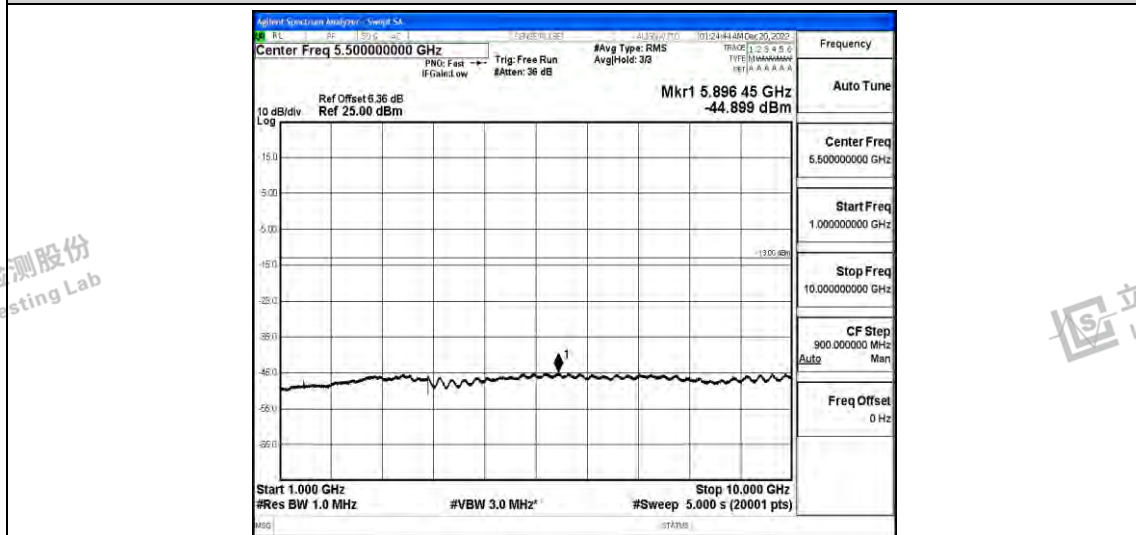


Band12-5MHz-16QAM-23155-1RB#0-Range3:30~1000MHz

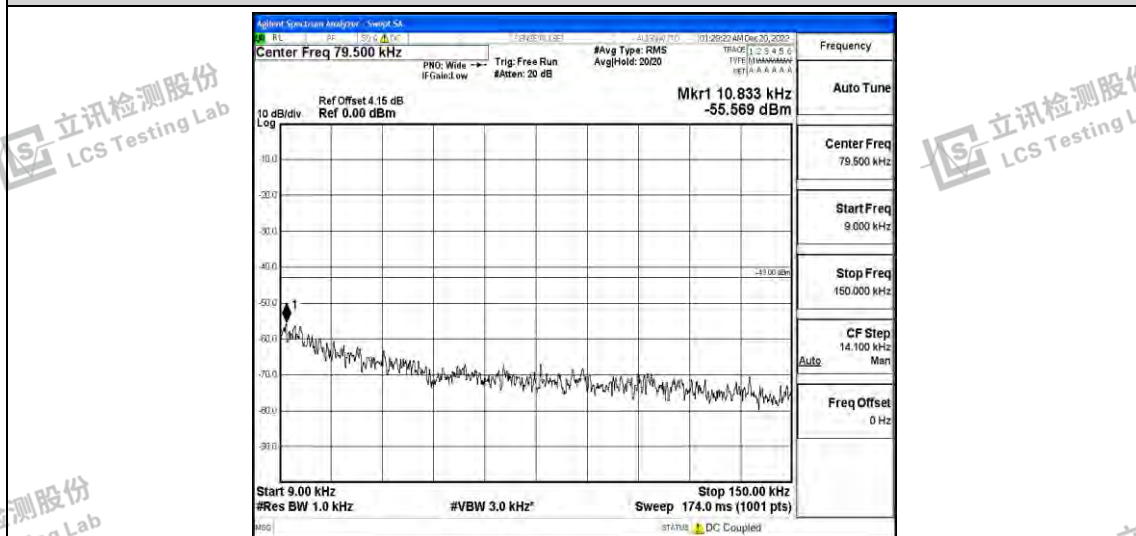




Band12-5MHz-16QAM-23155-1RB#0-Range4:1000~10000MHz

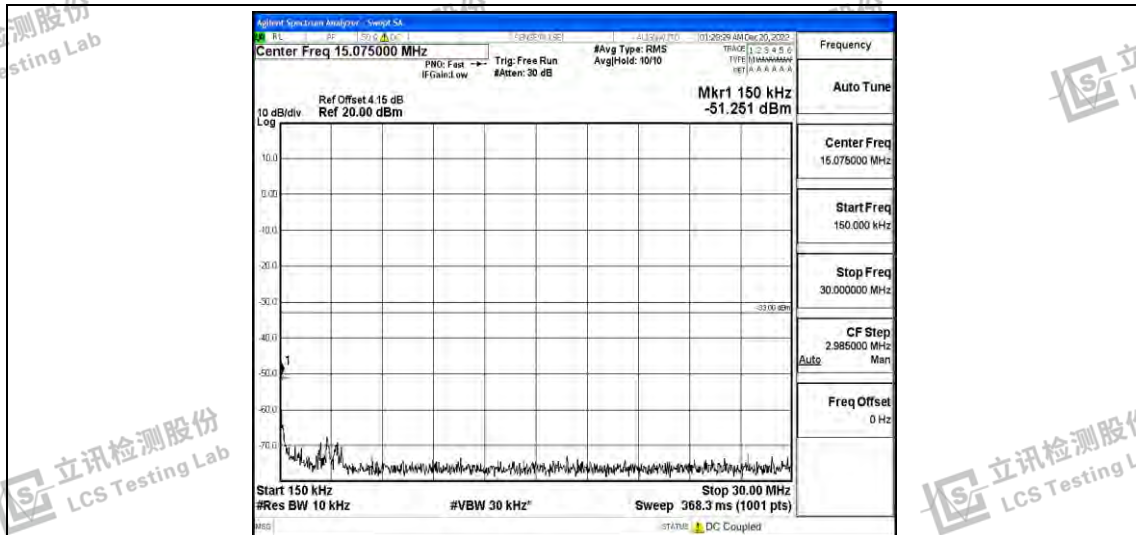


Band12-10MHz-QPSK-23060-1RB#0-Range1:0.009~0.15MHz

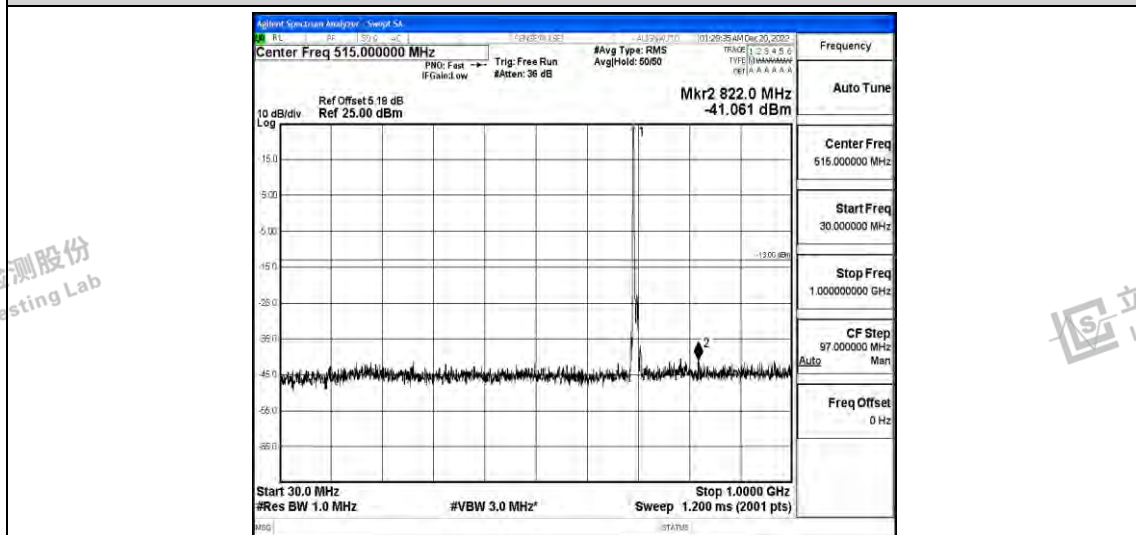


Band12-10MHz-QPSK-23060-1RB#0-Range2:0.15~30MHz

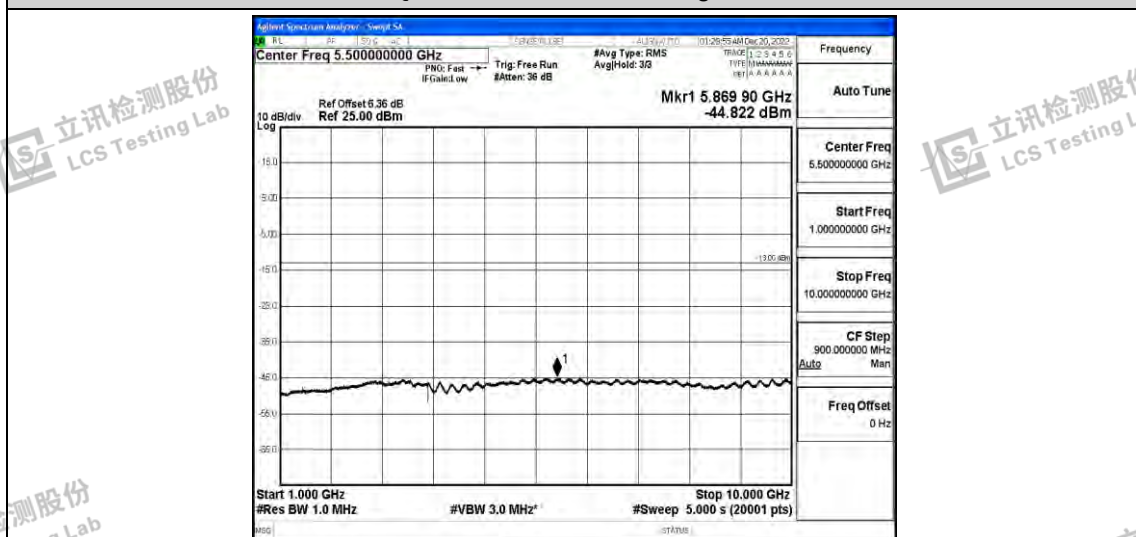




Band12-10MHz-QPSK-23060-1RB#0-Range3:30~1000MHz

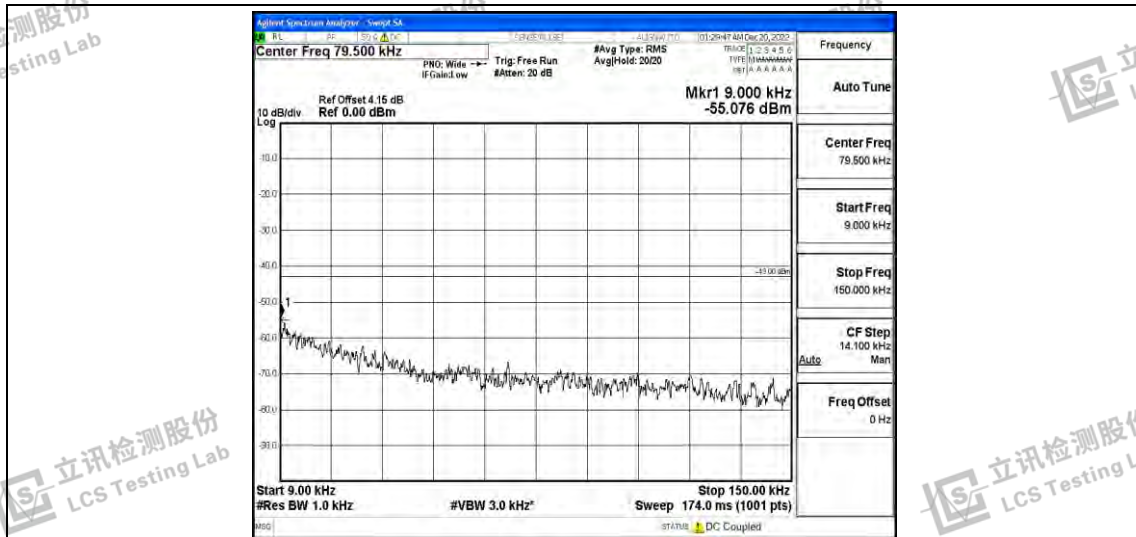


Band12-10MHz-QPSK-23060-1RB#0-Range4:1000~10000MHz

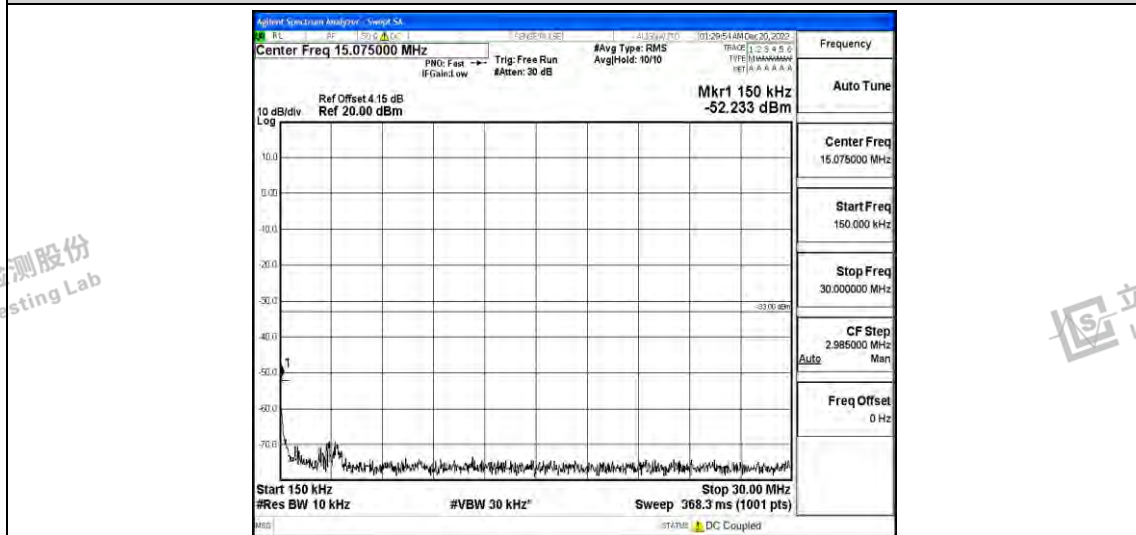


Band12-10MHz-QPSK-23095-1RB#0-Range1:0.009~0.15MHz

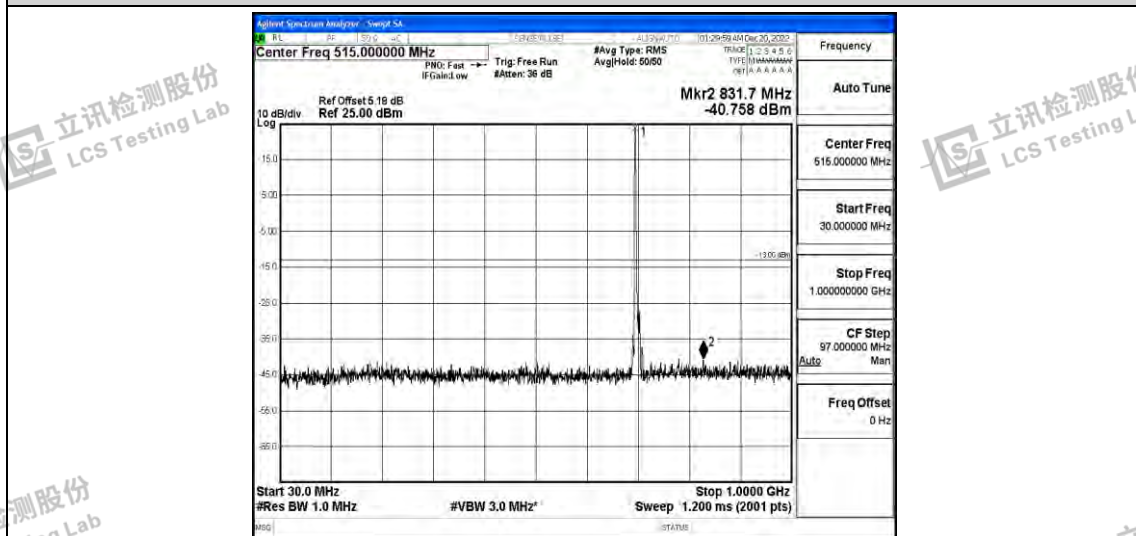




Band12-10MHz-QPSK-23095-1RB#0-Range2:0.15~30MHz

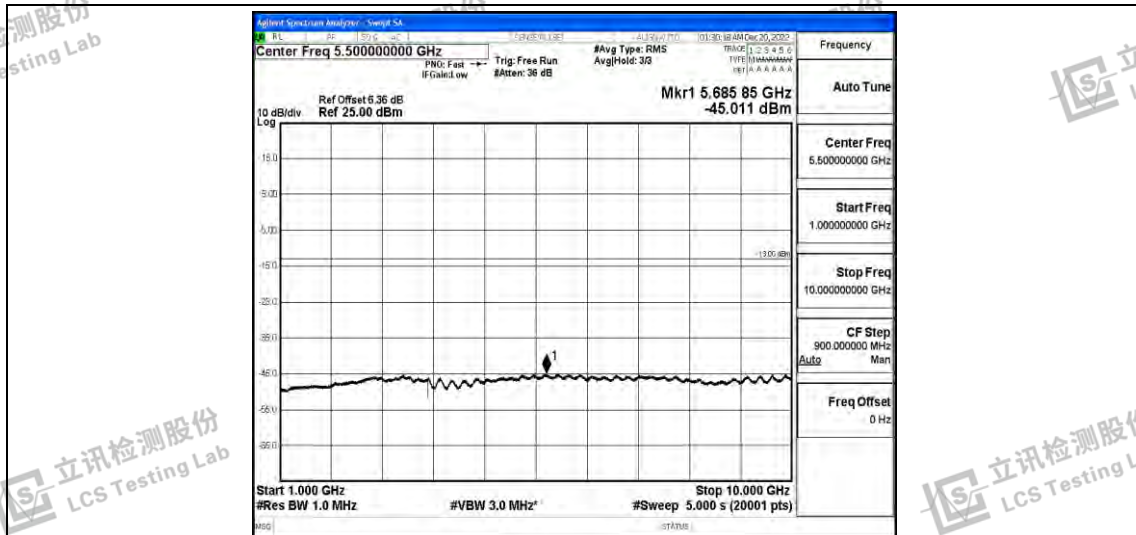


Band12-10MHz-QPSK-23095-1RB#0-Range3:30~1000MHz

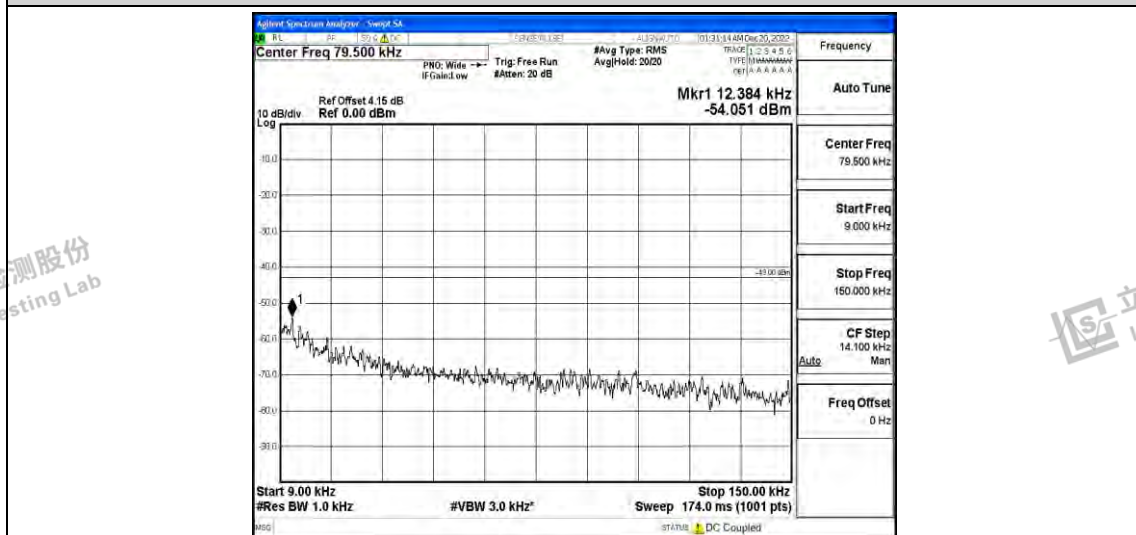


Band12-10MHz-QPSK-23095-1RB#0-Range4:1000~10000MHz

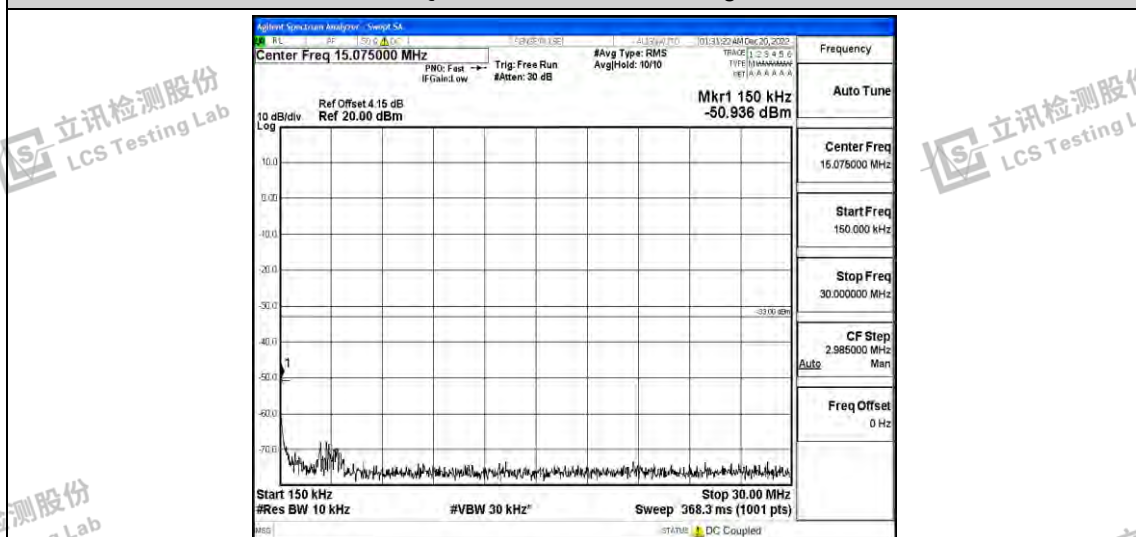




Band12-10MHz-QPSK-23130-1RB#0-Range1:0.009~0.15MHz

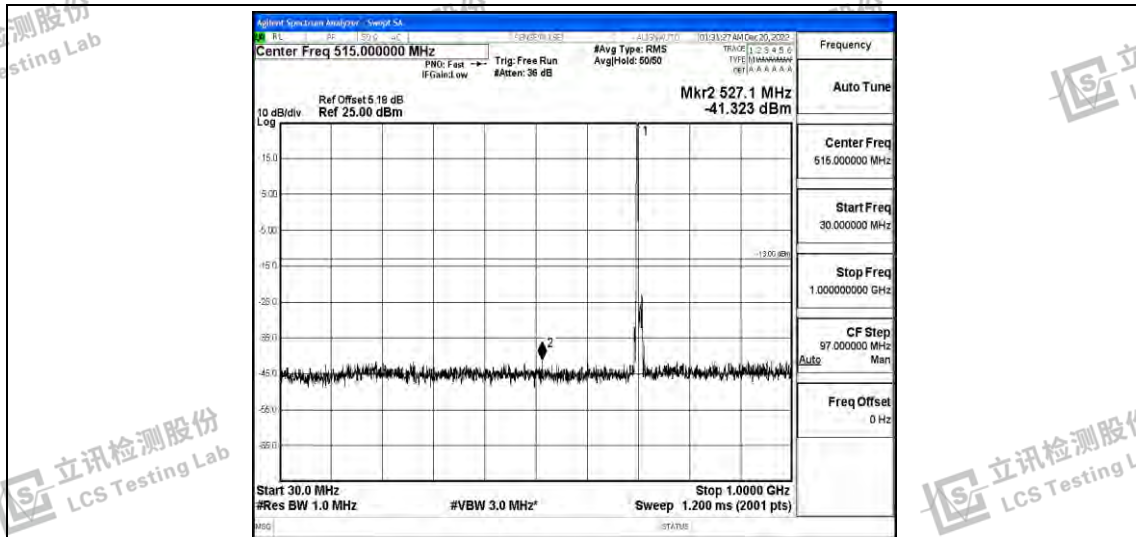


Band12-10MHz-QPSK-23130-1RB#0-Range2:0.15~30MHz



Band12-10MHz-QPSK-23130-1RB#0-Range3:30~1000MHz

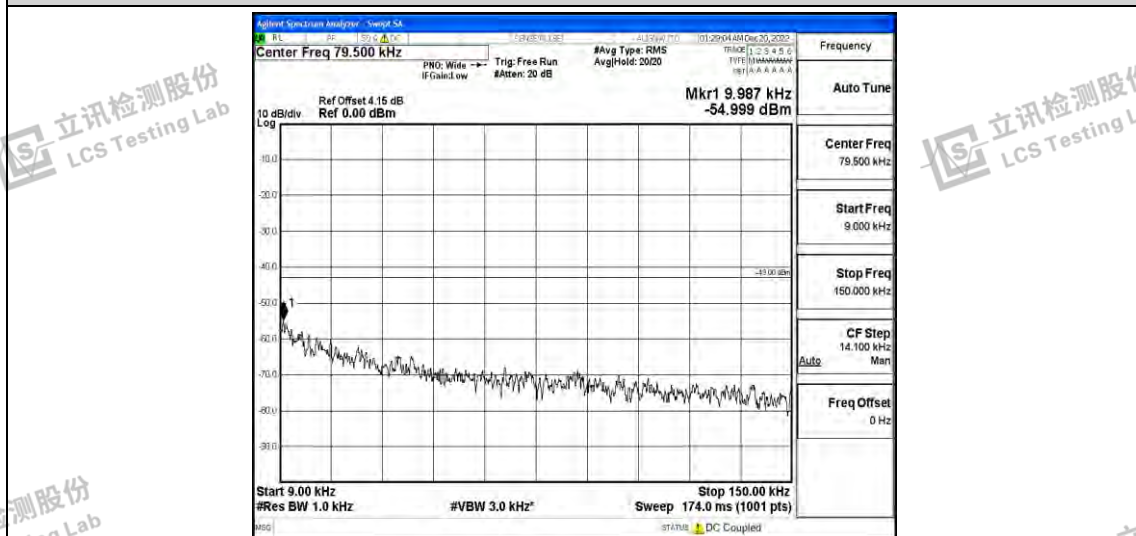




Band12-10MHz-QPSK-23130-1RB#0-Range4:1000~10000MHz

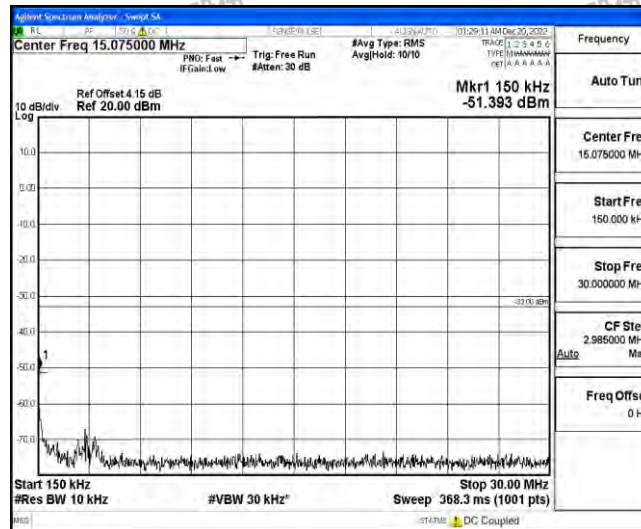


Band12-10MHz-16QAM-23060-1RB#0-Range1:0.009~0.15MHz

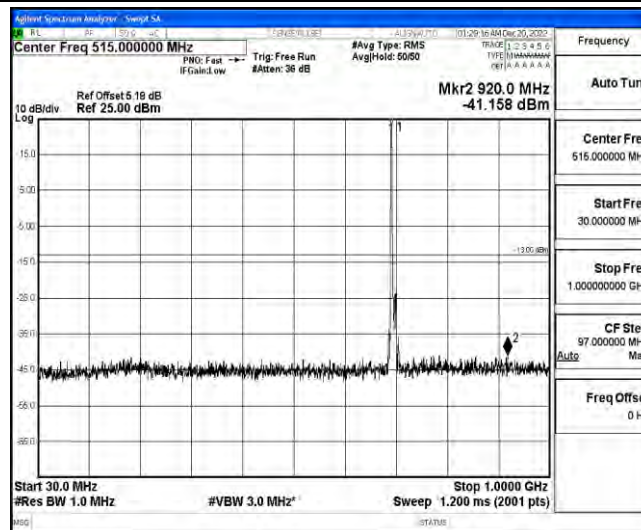


Band12-10MHz-16QAM-23060-1RB#0-Range2:0.15~30MHz

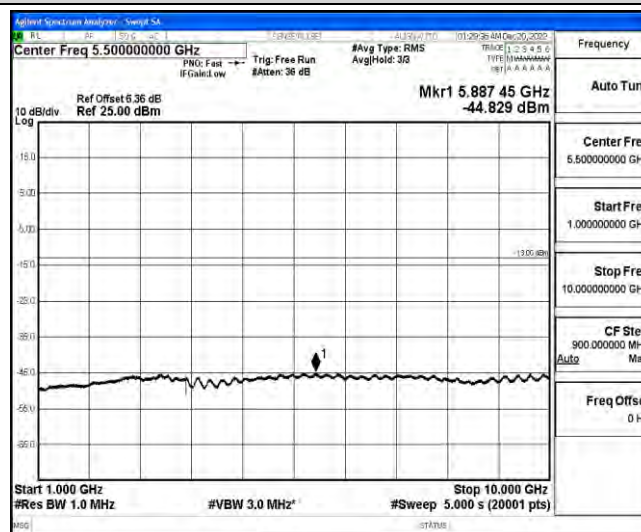




Band12-10MHz-16QAM-23060-1RB#0-Range3:30~1000MHz

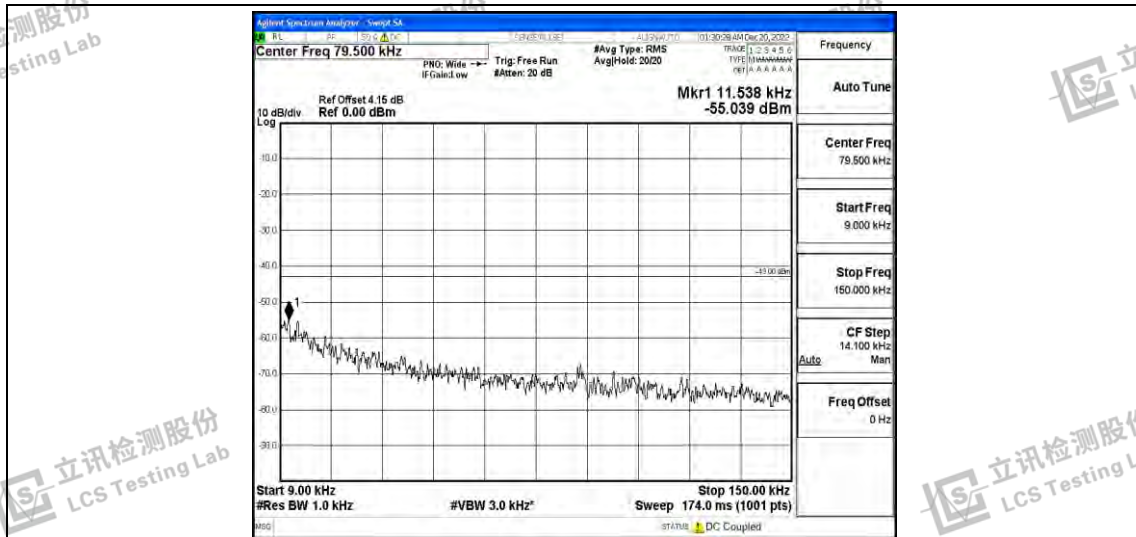


Band12-10MHz-16QAM-23060-1RB#0-Range4:1000~10000MHz

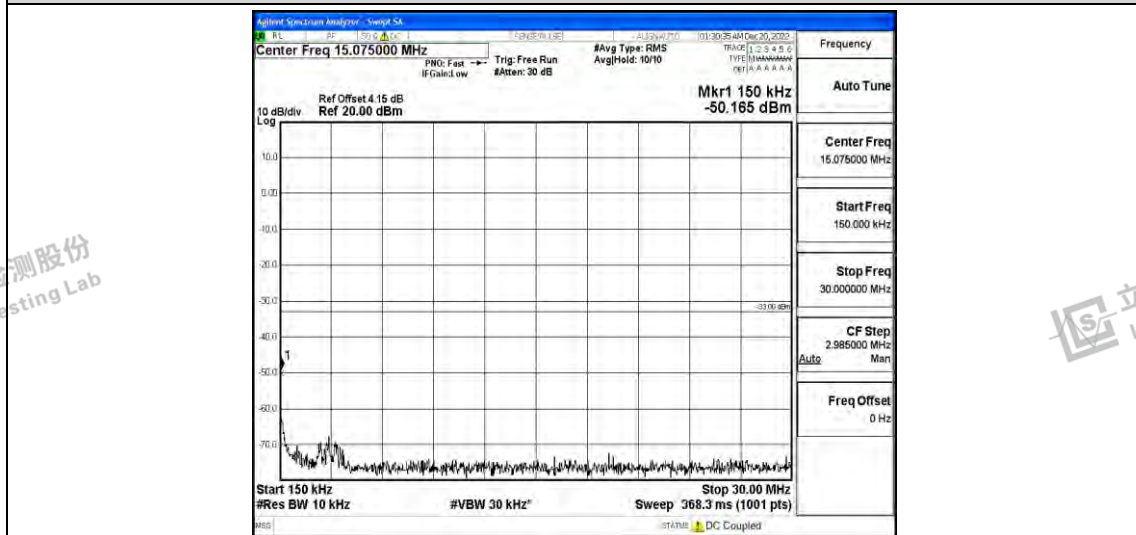


Band12-10MHz-16QAM-23095-1RB#0-Range1:0.009~0.15MHz

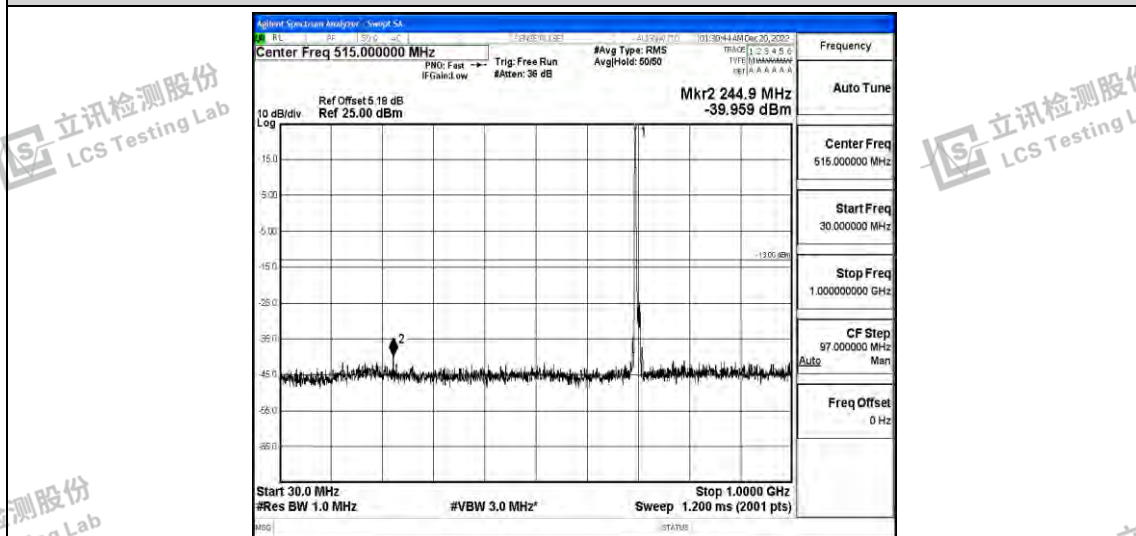




Band12-10MHz-16QAM-23095-1RB#0-Range2:0.15~30MHz

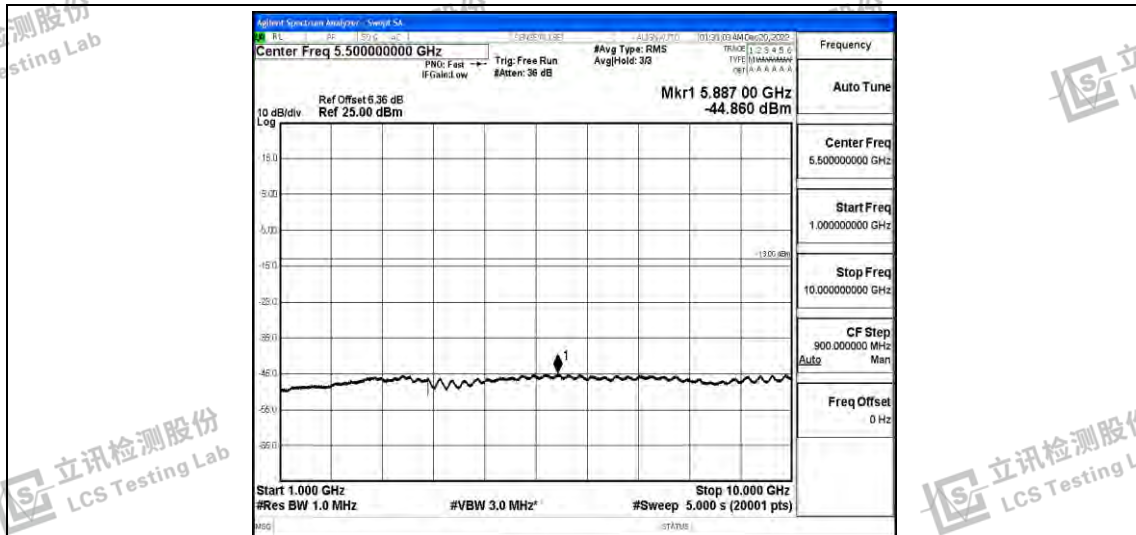


Band12-10MHz-16QAM-23095-1RB#0-Range3:30~1000MHz

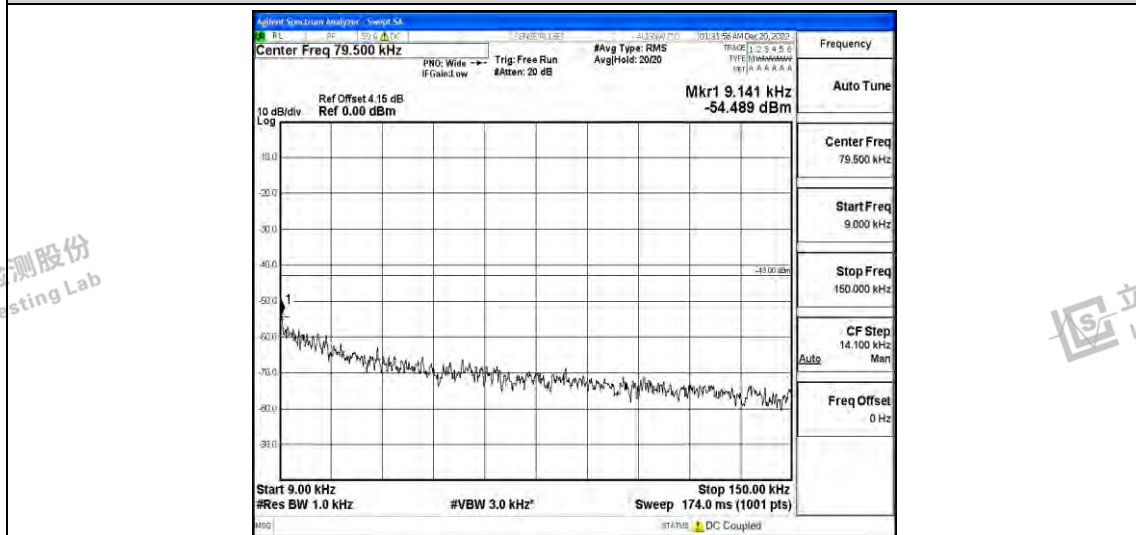


Band12-10MHz-16QAM-23095-1RB#0-Range4:1000~10000MHz

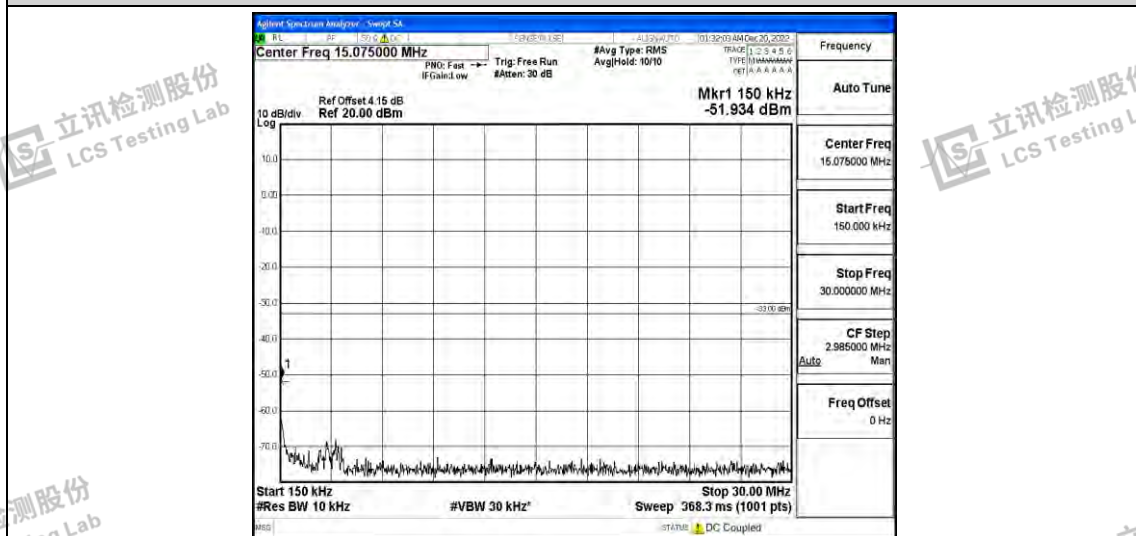




Band12-10MHz-16QAM-23130-1RB#0-Range1:0.009~0.15MHz

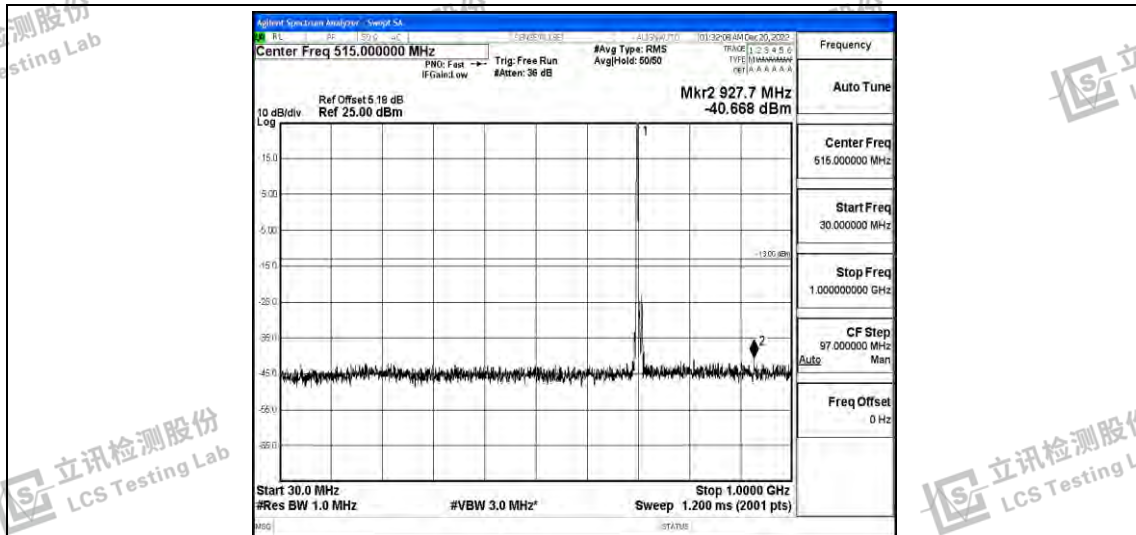


Band12-10MHz-16QAM-23130-1RB#0-Range2:0.15~30MHz



Band12-10MHz-16QAM-23130-1RB#0-Range3:30~1000MHz





Band12-10MHz-16QAM-23130-1RB#0-Range4:1000~10000MHz

