



## Appendix J: Test Data for E-UTRA Band 12

Product Name: Tablet

Test Model: 10LA2

### 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	23.28	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	23.42	PASS
Band12	1.4MHz	QPSK	23017	1RB#2	23.25	PASS
Band12	1.4MHz	16QAM	23017	1RB#2	23.48	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	23.17	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	23.01	PASS
Band12	1.4MHz	QPSK	23017	3RB#0	23.22	PASS
Band12	1.4MHz	16QAM	23017	3RB#0	21.80	PASS
Band12	1.4MHz	QPSK	23017	3RB#1	23.10	PASS
Band12	1.4MHz	16QAM	23017	3RB#1	22.21	PASS
Band12	1.4MHz	QPSK	23017	3RB#3	23.17	PASS
Band12	1.4MHz	16QAM	23017	3RB#3	22.32	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	22.28	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	21.50	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	23.05	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	21.99	PASS
Band12	1.4MHz	QPSK	23095	1RB#2	23.05	PASS
Band12	1.4MHz	16QAM	23095	1RB#2	21.96	PASS
Band12	1.4MHz	QPSK	23095	1RB#5	23.15	PASS
Band12	1.4MHz	16QAM	23095	1RB#5	22.04	PASS
Band12	1.4MHz	QPSK	23095	3RB#0	23.02	PASS
Band12	1.4MHz	16QAM	23095	3RB#0	21.82	PASS
Band12	1.4MHz	QPSK	23095	3RB#1	22.93	PASS
Band12	1.4MHz	16QAM	23095	3RB#1	21.82	PASS
Band12	1.4MHz	QPSK	23095	3RB#3	22.94	PASS
Band12	1.4MHz	16QAM	23095	3RB#3	21.80	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	22.12	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	21.41	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	22.78	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	22.31	PASS
Band12	1.4MHz	QPSK	23173	1RB#2	22.74	PASS
Band12	1.4MHz	16QAM	23173	1RB#2	22.37	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	22.78	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	22.34	PASS
Band12	1.4MHz	QPSK	23173	3RB#0	22.82	PASS
Band12	1.4MHz	16QAM	23173	3RB#0	22.00	PASS



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 Scan code to check authenticity



Band12	1.4MHz	QPSK	23173	3RB#1	22.86	PASS
Band12	1.4MHz	16QAM	23173	3RB#1	21.99	PASS
Band12	1.4MHz	QPSK	23173	3RB#3	22.78	PASS
Band12	1.4MHz	16QAM	23173	3RB#3	21.94	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	22.02	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	21.29	PASS
Band12	3MHz	QPSK	23025	1RB#0	23.25	PASS
Band12	3MHz	16QAM	23025	1RB#0	22.15	PASS
Band12	3MHz	QPSK	23025	1RB#8	23.06	PASS
Band12	3MHz	16QAM	23025	1RB#8	22.01	PASS
Band12	3MHz	QPSK	23025	1RB#14	22.98	PASS
Band12	3MHz	16QAM	23025	1RB#14	22.09	PASS
Band12	3MHz	QPSK	23025	8RB#0	22.23	PASS
Band12	3MHz	16QAM	23025	8RB#0	21.45	PASS
Band12	3MHz	QPSK	23025	8RB#4	22.23	PASS
Band12	3MHz	16QAM	23025	8RB#4	21.45	PASS
Band12	3MHz	QPSK	23025	8RB#7	22.21	PASS
Band12	3MHz	16QAM	23025	8RB#7	21.50	PASS
Band12	3MHz	QPSK	23025	15RB#0	22.22	PASS
Band12	3MHz	16QAM	23025	15RB#0	21.25	PASS
Band12	3MHz	QPSK	23095	1RB#0	23.00	PASS
Band12	3MHz	16QAM	23095	1RB#0	21.97	PASS
Band12	3MHz	QPSK	23095	1RB#8	22.99	PASS
Band12	3MHz	16QAM	23095	1RB#8	21.95	PASS
Band12	3MHz	QPSK	23095	1RB#14	22.91	PASS
Band12	3MHz	16QAM	23095	1RB#14	21.92	PASS
Band12	3MHz	QPSK	23095	8RB#0	21.89	PASS
Band12	3MHz	16QAM	23095	8RB#0	21.42	PASS
Band12	3MHz	QPSK	23095	8RB#4	21.90	PASS
Band12	3MHz	16QAM	23095	8RB#4	21.44	PASS
Band12	3MHz	QPSK	23095	8RB#7	21.99	PASS
Band12	3MHz	16QAM	23095	8RB#7	21.38	PASS
Band12	3MHz	QPSK	23095	15RB#0	22.09	PASS
Band12	3MHz	16QAM	23095	15RB#0	21.11	PASS
Band12	3MHz	QPSK	23165	1RB#0	22.84	PASS
Band12	3MHz	16QAM	23165	1RB#0	22.41	PASS
Band12	3MHz	QPSK	23165	1RB#8	22.75	PASS
Band12	3MHz	16QAM	23165	1RB#8	22.35	PASS
Band12	3MHz	QPSK	23165	1RB#14	22.69	PASS
Band12	3MHz	16QAM	23165	1RB#14	22.74	PASS





Band12	3MHz	QPSK	23165	8RB#0	21.91	PASS
Band12	3MHz	16QAM	23165	8RB#0	21.26	PASS
Band12	3MHz	QPSK	23165	8RB#4	21.86	PASS
Band12	3MHz	16QAM	23165	8RB#4	21.27	PASS
Band12	3MHz	QPSK	23165	8RB#7	21.90	PASS
Band12	3MHz	16QAM	23165	8RB#7	21.25	PASS
Band12	3MHz	QPSK	23165	15RB#0	21.87	PASS
Band12	3MHz	16QAM	23165	15RB#0	21.25	PASS
Band12	5MHz	QPSK	23035	1RB#0	22.97	PASS
Band12	5MHz	16QAM	23035	1RB#0	21.60	PASS
Band12	5MHz	QPSK	23035	1RB#12	22.96	PASS
Band12	5MHz	16QAM	23035	1RB#12	21.55	PASS
Band12	5MHz	QPSK	23035	1RB#24	23.02	PASS
Band12	5MHz	16QAM	23035	1RB#24	21.56	PASS
Band12	5MHz	QPSK	23035	12RB#0	22.18	PASS
Band12	5MHz	16QAM	23035	12RB#0	21.27	PASS
Band12	5MHz	QPSK	23035	12RB#6	22.22	PASS
Band12	5MHz	16QAM	23035	12RB#6	21.27	PASS
Band12	5MHz	QPSK	23035	12RB#13	22.03	PASS
Band12	5MHz	16QAM	23035	12RB#13	21.26	PASS
Band12	5MHz	QPSK	23035	25RB#0	22.14	PASS
Band12	5MHz	16QAM	23035	25RB#0	21.41	PASS
Band12	5MHz	QPSK	23095	1RB#0	22.79	PASS
Band12	5MHz	16QAM	23095	1RB#0	22.42	PASS
Band12	5MHz	QPSK	23095	1RB#12	22.65	PASS
Band12	5MHz	16QAM	23095	1RB#12	22.34	PASS
Band12	5MHz	QPSK	23095	1RB#24	22.79	PASS
Band12	5MHz	16QAM	23095	1RB#24	22.35	PASS
Band12	5MHz	QPSK	23095	12RB#0	21.97	PASS
Band12	5MHz	16QAM	23095	12RB#0	21.32	PASS
Band12	5MHz	QPSK	23095	12RB#6	21.98	PASS
Band12	5MHz	16QAM	23095	12RB#6	21.22	PASS
Band12	5MHz	QPSK	23095	12RB#13	21.84	PASS
Band12	5MHz	16QAM	23095	12RB#13	21.21	PASS
Band12	5MHz	QPSK	23095	25RB#0	22.08	PASS
Band12	5MHz	16QAM	23095	25RB#0	21.24	PASS
Band12	5MHz	QPSK	23155	1RB#0	23.17	PASS
Band12	5MHz	16QAM	23155	1RB#0	21.85	PASS
Band12	5MHz	QPSK	23155	1RB#12	23.14	PASS
Band12	5MHz	16QAM	23155	1RB#12	21.81	PASS





Band12	5MHz	QPSK	23155	1RB#24	22.88	PASS
Band12	5MHz	16QAM	23155	1RB#24	22.08	PASS
Band12	5MHz	QPSK	23155	12RB#0	21.97	PASS
Band12	5MHz	16QAM	23155	12RB#0	21.15	PASS
Band12	5MHz	QPSK	23155	12RB#6	21.81	PASS
Band12	5MHz	16QAM	23155	12RB#6	21.15	PASS
Band12	5MHz	QPSK	23155	12RB#13	21.93	PASS
Band12	5MHz	16QAM	23155	12RB#13	20.93	PASS
Band12	5MHz	QPSK	23155	25RB#0	21.96	PASS
Band12	5MHz	16QAM	23155	25RB#0	21.18	PASS
Band12	10MHz	QPSK	23060	1RB#0	22.99	PASS
Band12	10MHz	16QAM	23060	1RB#0	22.28	PASS
Band12	10MHz	QPSK	23060	1RB#24	22.84	PASS
Band12	10MHz	16QAM	23060	1RB#24	22.28	PASS
Band12	10MHz	QPSK	23060	1RB#49	22.64	PASS
Band12	10MHz	16QAM	23060	1RB#49	22.04	PASS
Band12	10MHz	QPSK	23060	25RB#0	22.09	PASS
Band12	10MHz	16QAM	23060	25RB#0	21.22	PASS
Band12	10MHz	QPSK	23060	25RB#12	22.08	PASS
Band12	10MHz	16QAM	23060	25RB#12	21.21	PASS
Band12	10MHz	QPSK	23060	25RB#25	22.04	PASS
Band12	10MHz	16QAM	23060	25RB#25	21.10	PASS
Band12	10MHz	QPSK	23060	50RB#0	22.05	PASS
Band12	10MHz	16QAM	23060	50RB#0	21.25	PASS
Band12	10MHz	QPSK	23095	1RB#0	23.06	PASS
Band12	10MHz	16QAM	23095	1RB#0	22.07	PASS
Band12	10MHz	QPSK	23095	1RB#24	22.98	PASS
Band12	10MHz	16QAM	23095	1RB#24	22.04	PASS
Band12	10MHz	QPSK	23095	1RB#49	22.97	PASS
Band12	10MHz	16QAM	23095	1RB#49	21.95	PASS
Band12	10MHz	QPSK	23095	25RB#0	22.00	PASS
Band12	10MHz	16QAM	23095	25RB#0	21.31	PASS
Band12	10MHz	QPSK	23095	25RB#12	22.01	PASS
Band12	10MHz	16QAM	23095	25RB#12	21.31	PASS
Band12	10MHz	QPSK	23095	25RB#25	22.03	PASS
Band12	10MHz	16QAM	23095	25RB#25	21.33	PASS
Band12	10MHz	QPSK	23095	50RB#0	22.09	PASS
Band12	10MHz	16QAM	23095	50RB#0	21.23	PASS
Band12	10MHz	QPSK	23130	1RB#0	22.74	PASS
Band12	10MHz	16QAM	23130	1RB#0	22.78	PASS





Band12	10MHz	QPSK	23130	1RB#24	22.70	PASS
Band12	10MHz	16QAM	23130	1RB#24	22.77	PASS
Band12	10MHz	QPSK	23130	1RB#49	22.61	PASS
Band12	10MHz	16QAM	23130	1RB#49	22.72	PASS
Band12	10MHz	QPSK	23130	25RB#0	22.03	PASS
Band12	10MHz	16QAM	23130	25RB#0	21.13	PASS
Band12	10MHz	QPSK	23130	25RB#12	21.88	PASS
Band12	10MHz	16QAM	23130	25RB#12	21.13	PASS
Band12	10MHz	QPSK	23130	25RB#25	21.90	PASS
Band12	10MHz	16QAM	23130	25RB#25	21.25	PASS
Band12	10MHz	QPSK	23130	50RB#0	21.94	PASS
Band12	10MHz	16QAM	23130	50RB#0	21.22	PASS





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

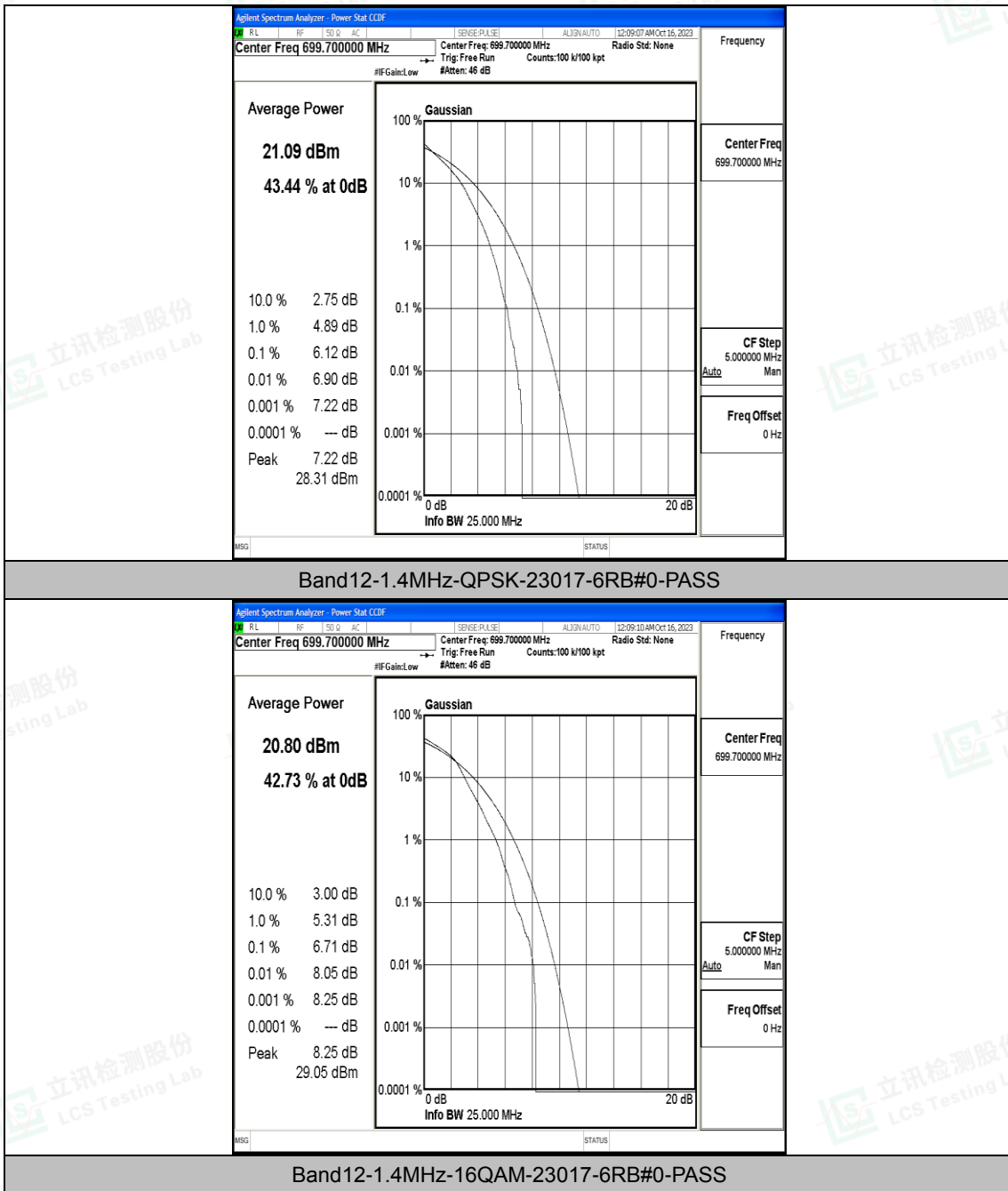
#### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	6.12	13	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	6.71	13	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	5.97	13	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	6.72	13	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	5.80	13	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	6.66	13	PASS
Band12	3MHz	QPSK	23025	15RB#0	5.26	13	PASS
Band12	5MHz	QPSK	23035	25RB#0	5.41	13	PASS
Band12	5MHz	16QAM	23035	25RB#0	6.09	13	PASS
Band12	5MHz	QPSK	23095	25RB#0	5.36	13	PASS
Band12	5MHz	16QAM	23095	25RB#0	6.07	13	PASS
Band12	5MHz	QPSK	23155	25RB#0	5.43	13	PASS
Band12	5MHz	16QAM	23155	25RB#0	6.08	13	PASS
Band12	10MHz	QPSK	23060	50RB#0	5.36	13	PASS
Band12	10MHz	16QAM	23130	50RB#0	6.18	13	PASS
Band12	3MHz	16QAM	23025	15RB#0	6.08	13	PASS
Band12	3MHz	QPSK	23095	15RB#0	5.31	13	PASS
Band12	3MHz	16QAM	23095	15RB#0	5.97	13	PASS
Band12	3MHz	QPSK	23165	15RB#0	5.28	13	PASS
Band12	3MHz	16QAM	23165	15RB#0	6.24	13	PASS
Band12	10MHz	16QAM	23060	50RB#0	6.13	13	PASS
Band12	10MHz	QPSK	23095	50RB#0	5.40	13	PASS
Band12	10MHz	16QAM	23095	50RB#0	6.16	13	PASS
Band12	10MHz	QPSK	23130	50RB#0	5.41	13	PASS

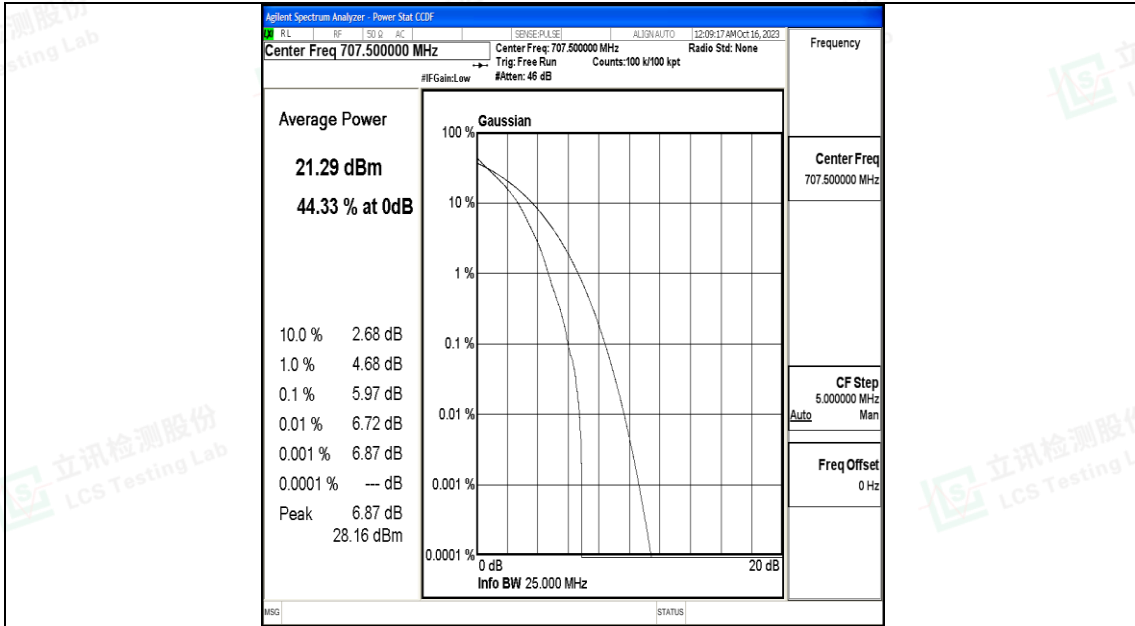




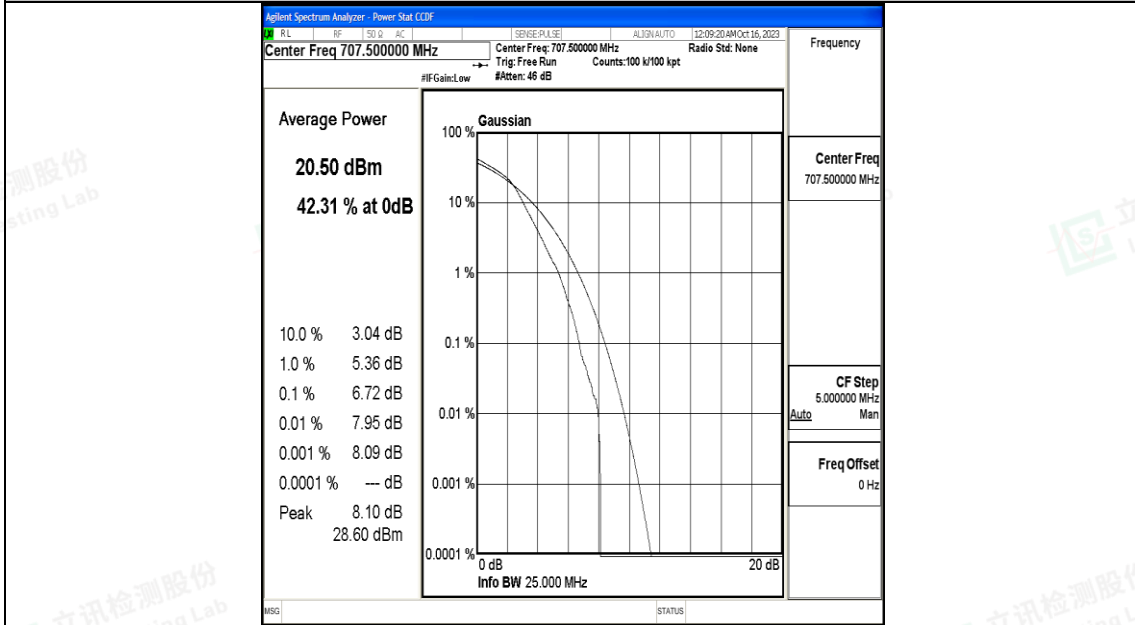
### Test Graphs





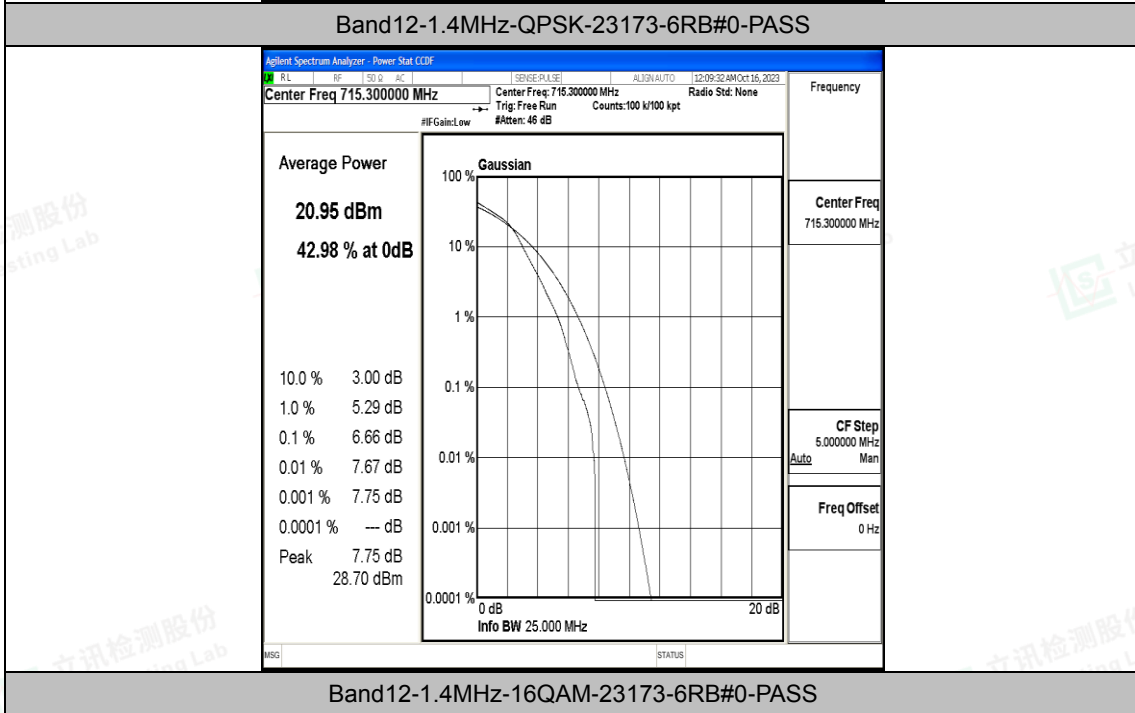
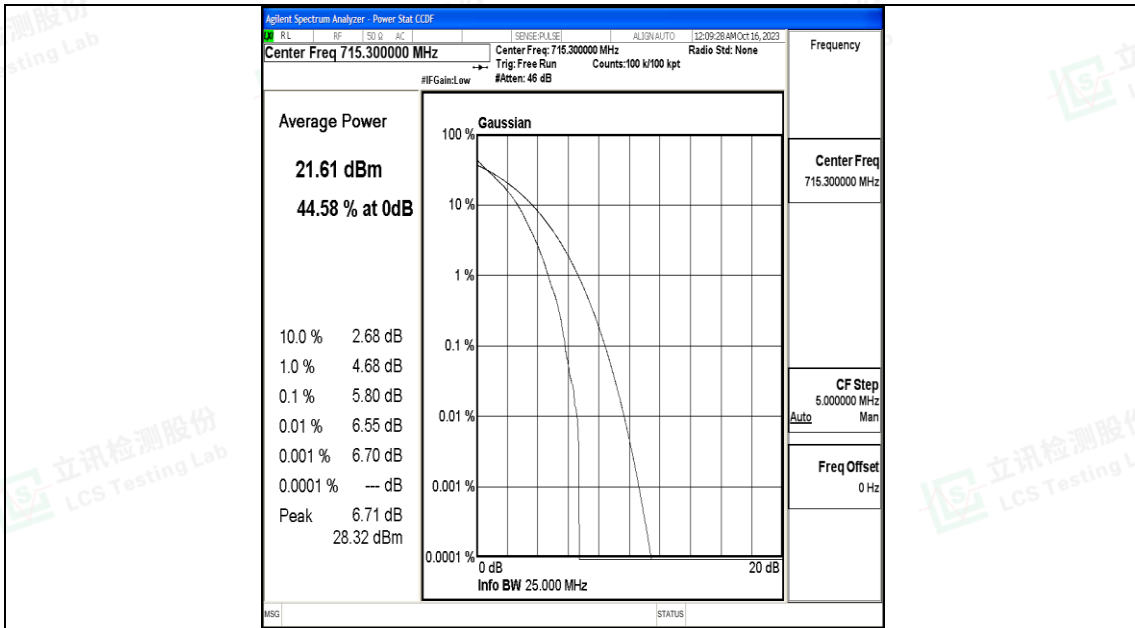


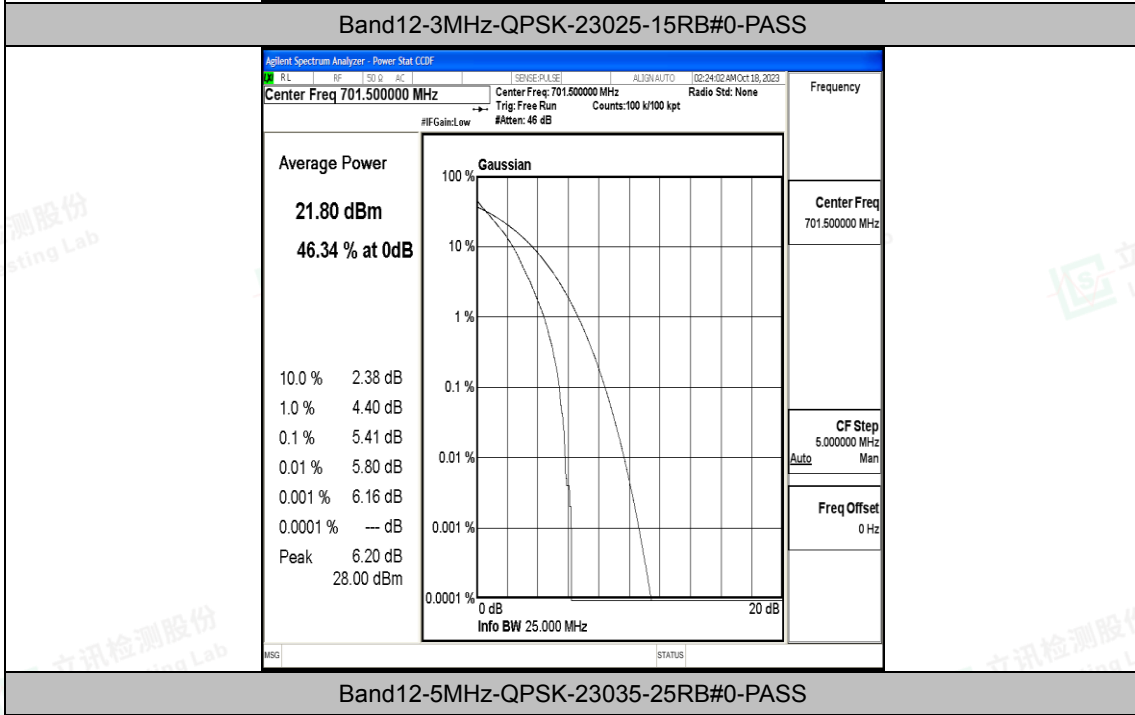
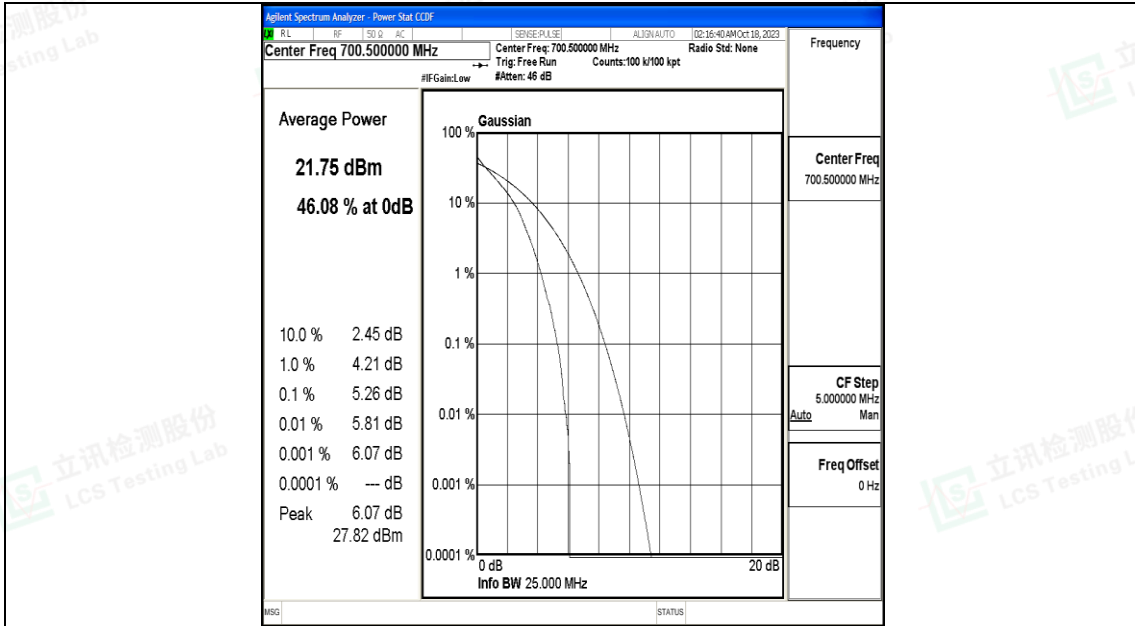
Band12-1.4MHz-QPSK-23095-6RB#0-PASS

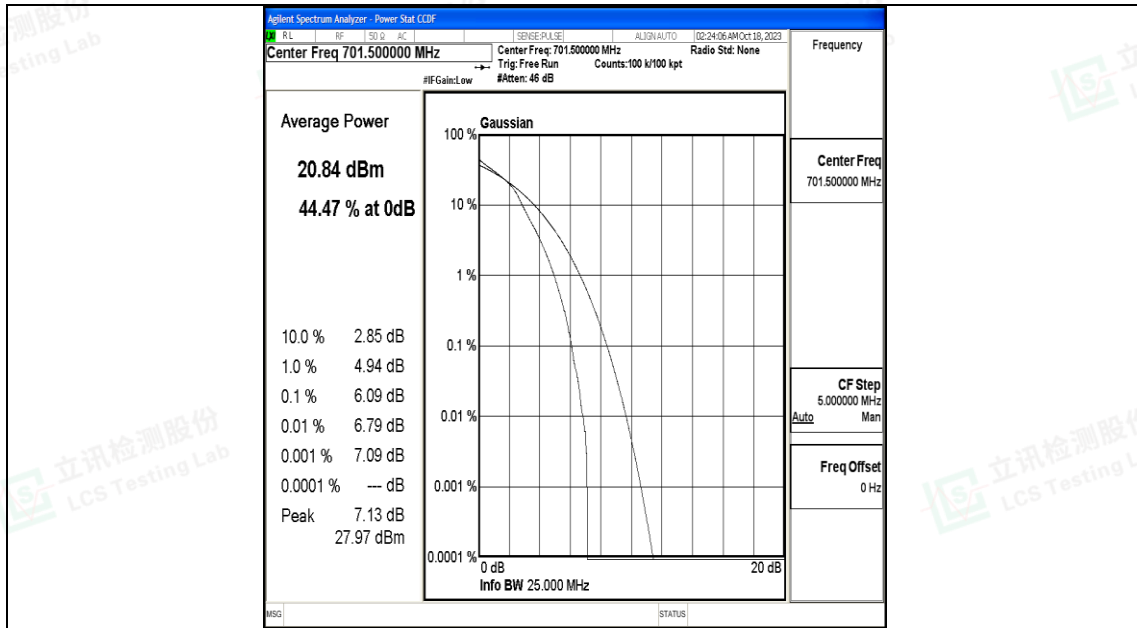


Band12-1.4MHz-16QAM-23095-6RB#0-PASS

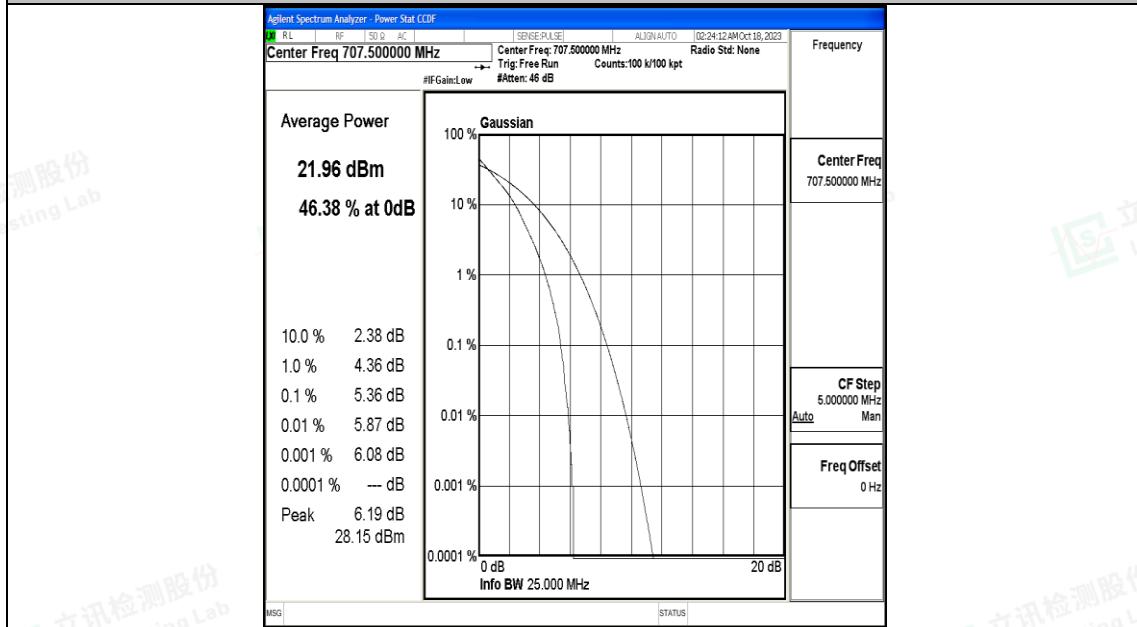






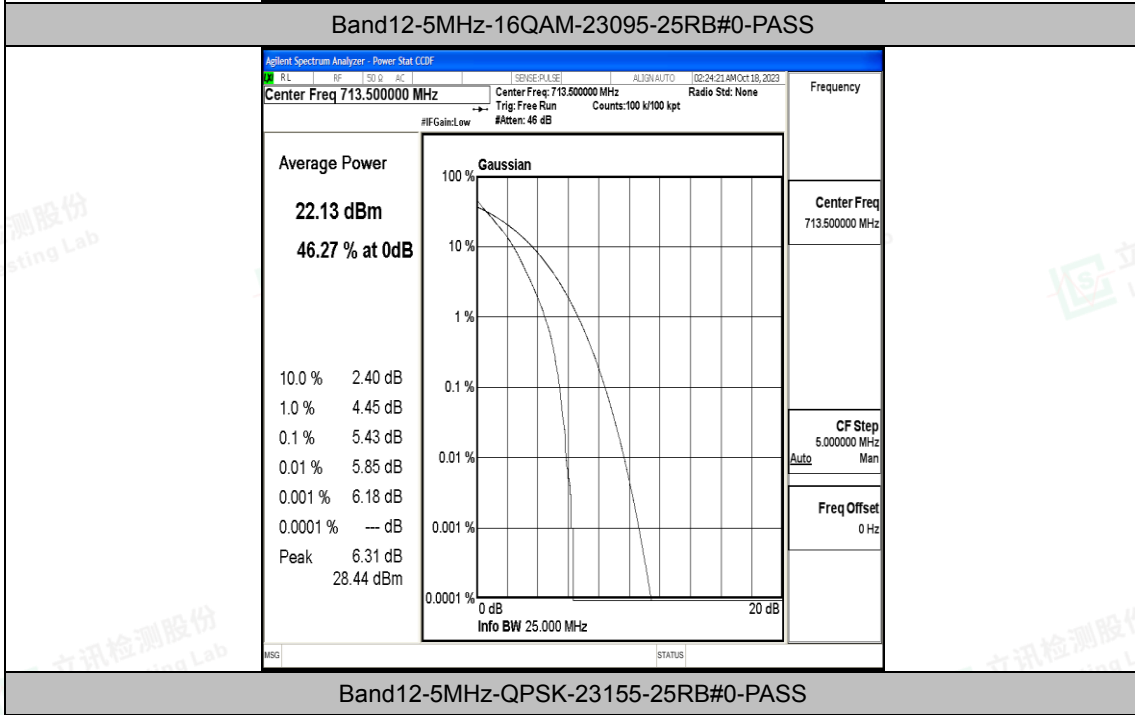
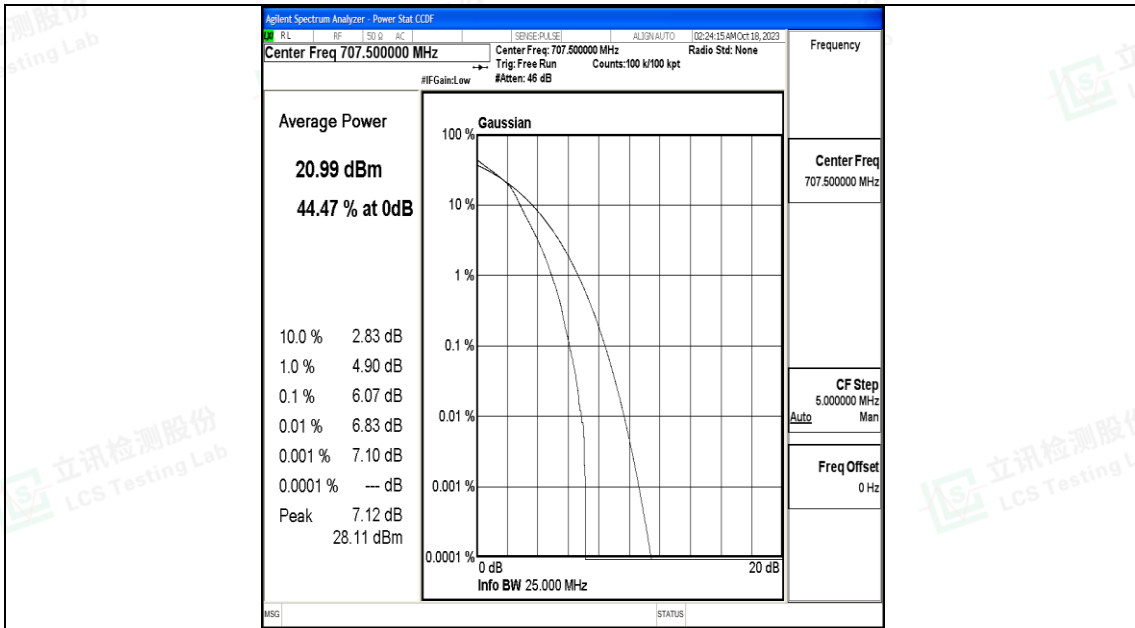


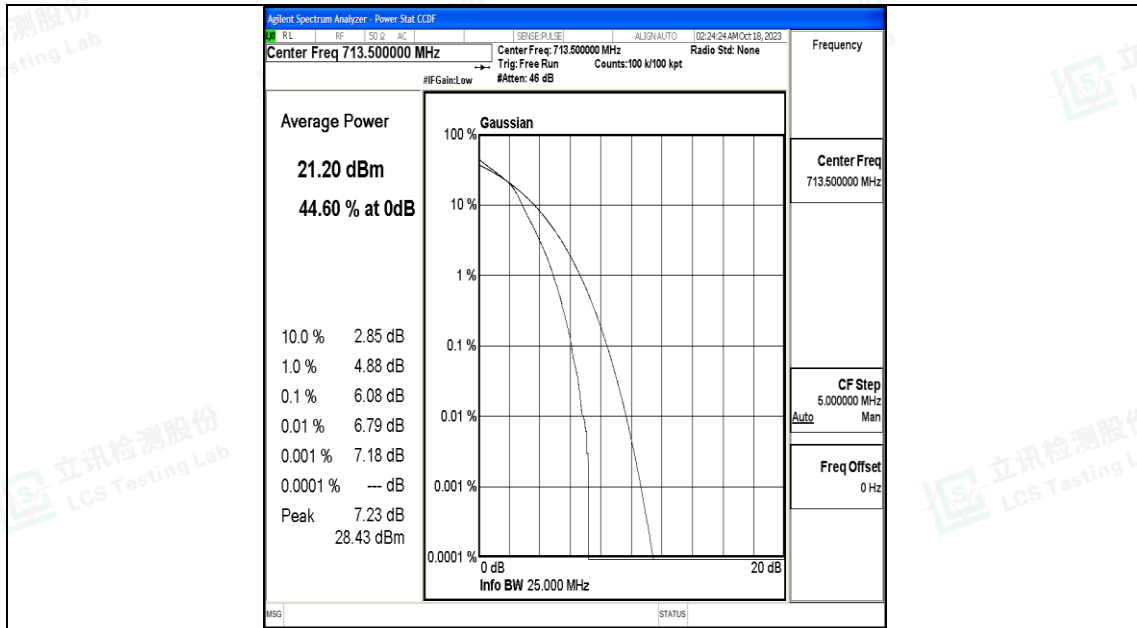
Band12-5MHz-16QAM-23035-25RB#0-PASS



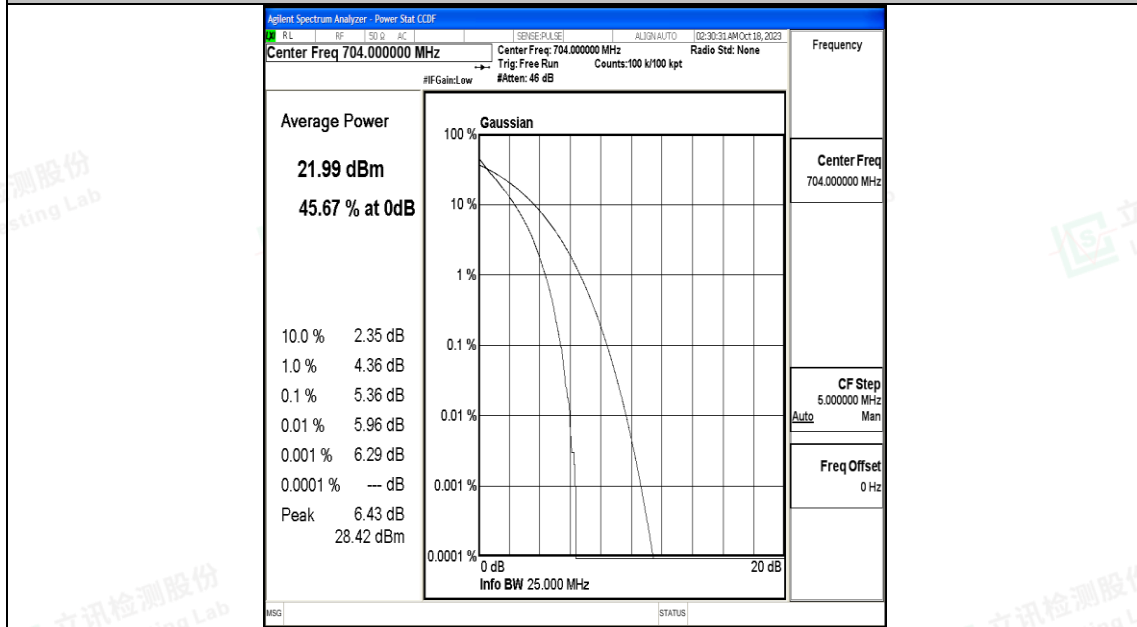
Band12-5MHz-QPSK-23095-25RB#0-PASS





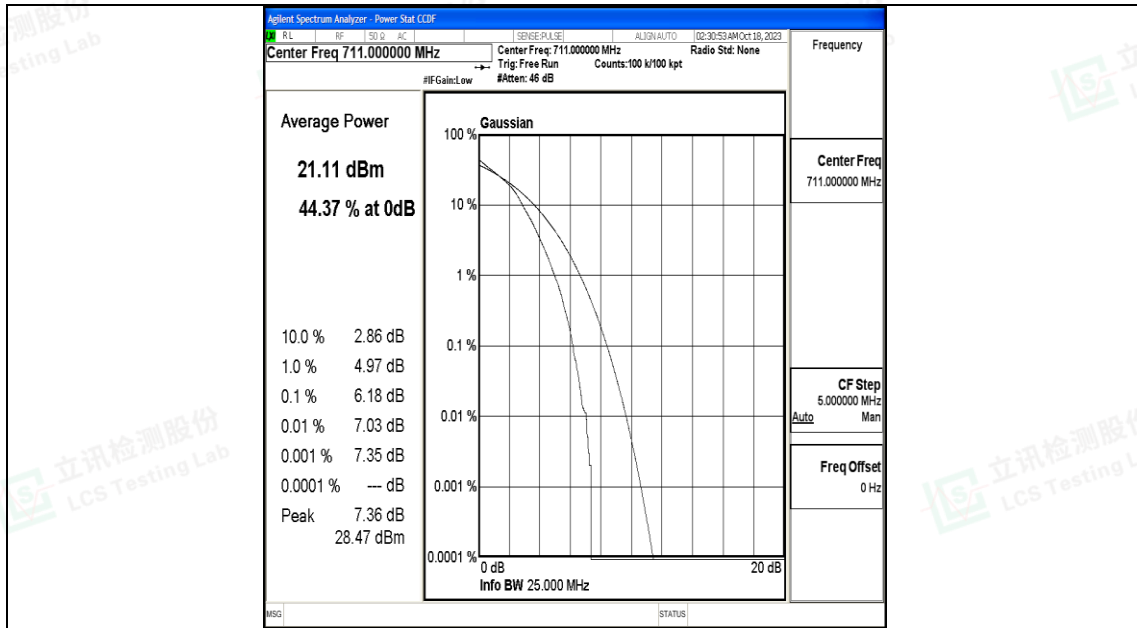


Band12-5MHz-16QAM-23155-25RB#0-PASS

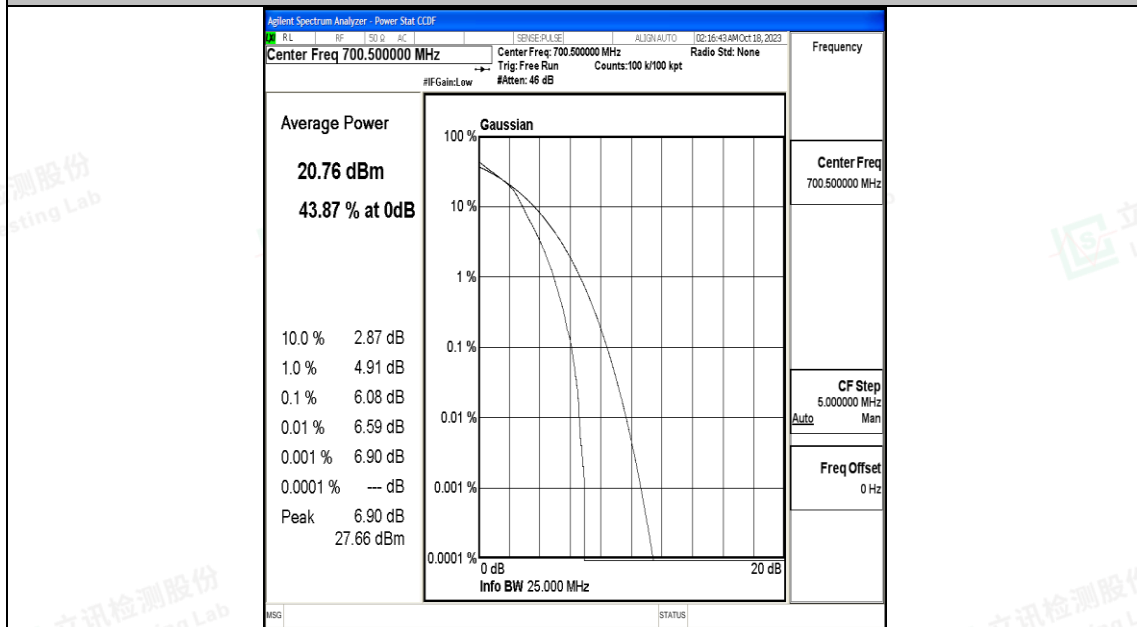


Band12-10MHz-QPSK-23060-50RB#0-PASS



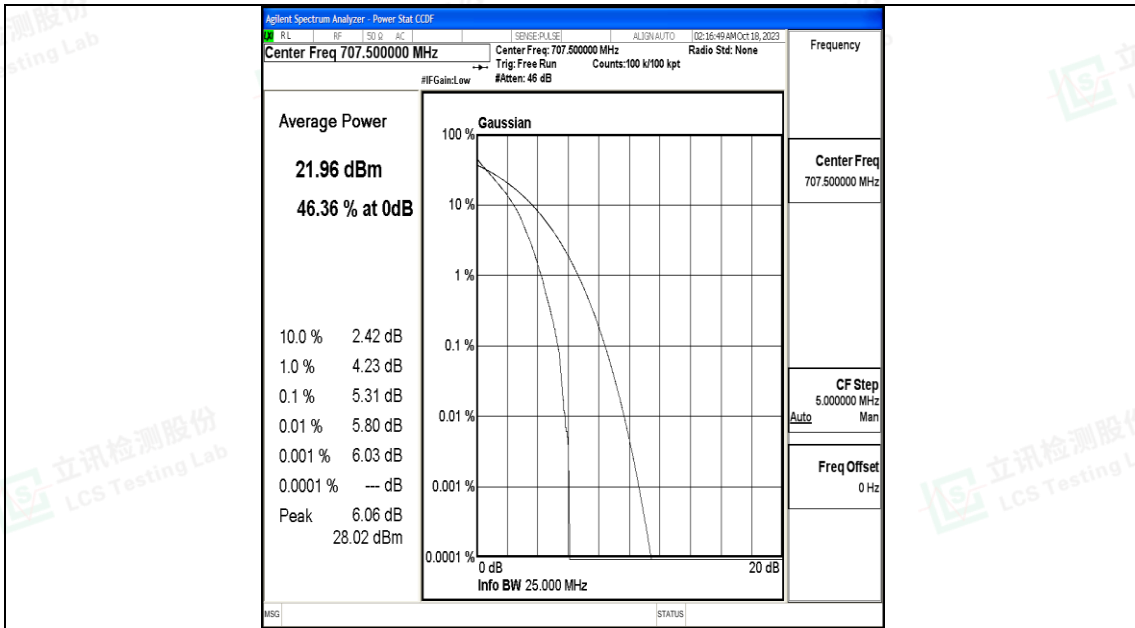


Band12-10MHz-16QAM-23130-50RB#0-PASS

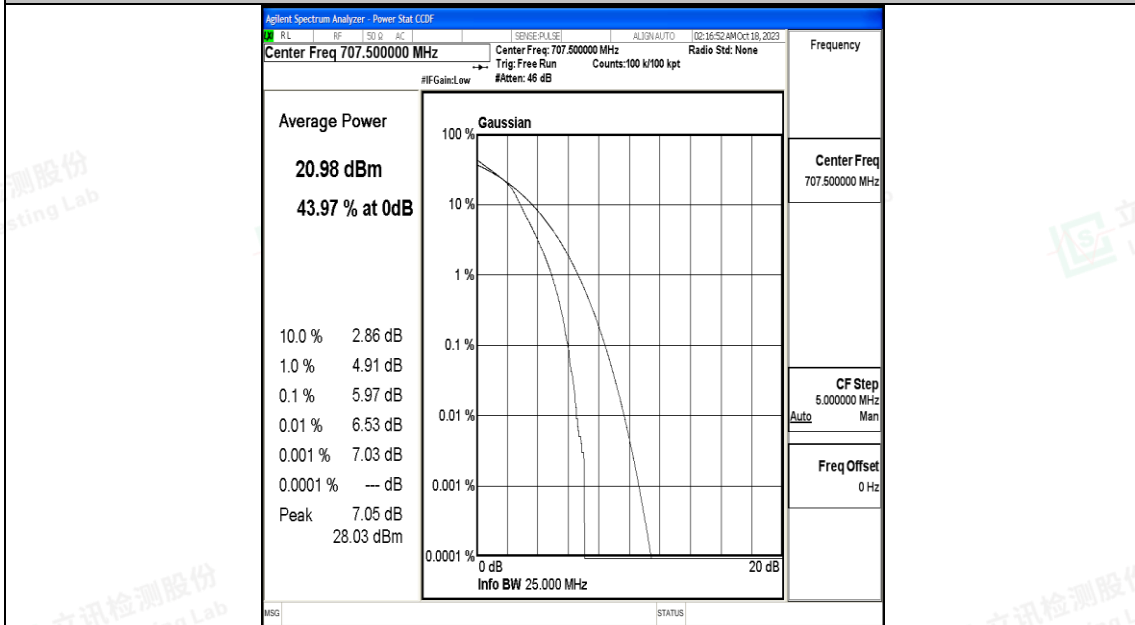


Band12-3MHz-16QAM-23025-15RB#0-PASS





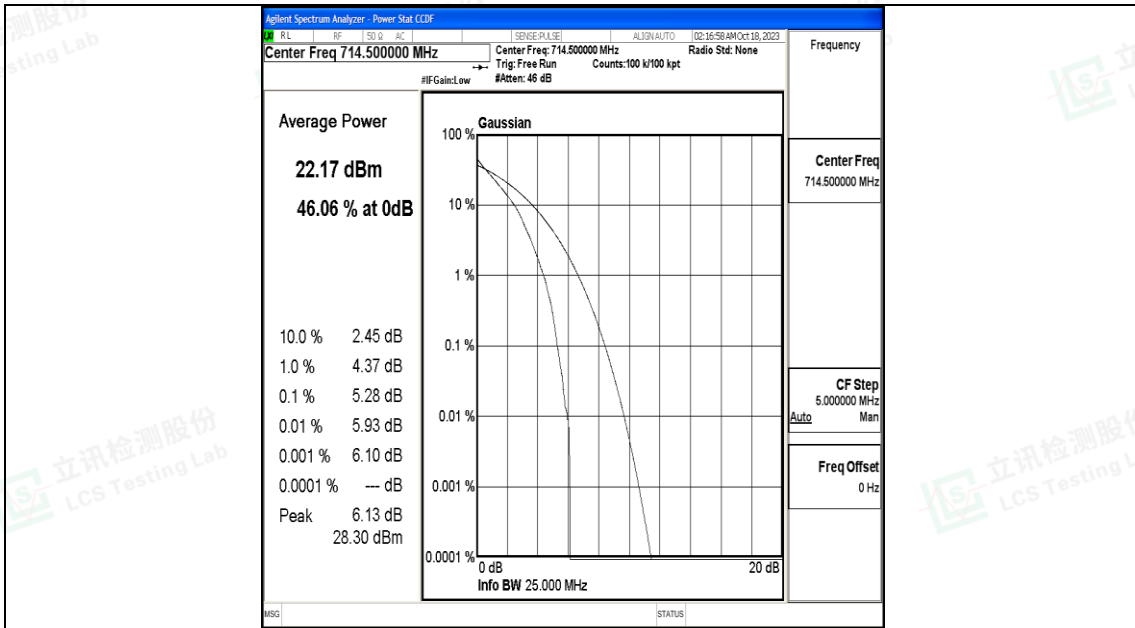
**Band12-3MHz-QPSK-23095-15RB#0-PASS**



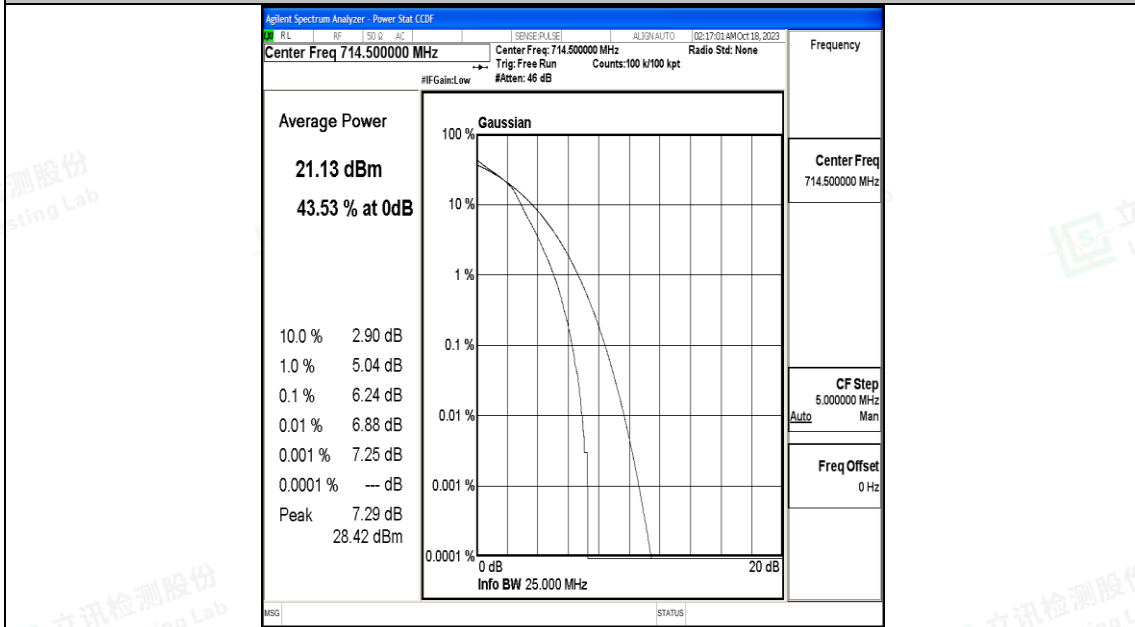
**Band12-3MHz-16QAM-23095-15RB#0-PASS**





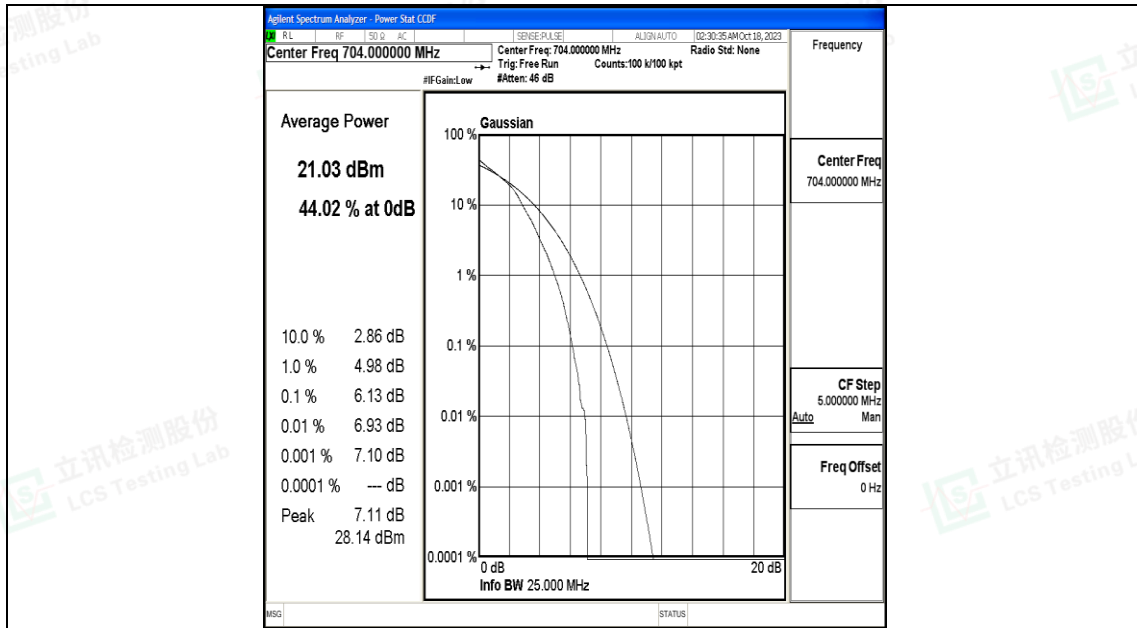


Band12-3MHz-QPSK-23165-15RB#0-PASS

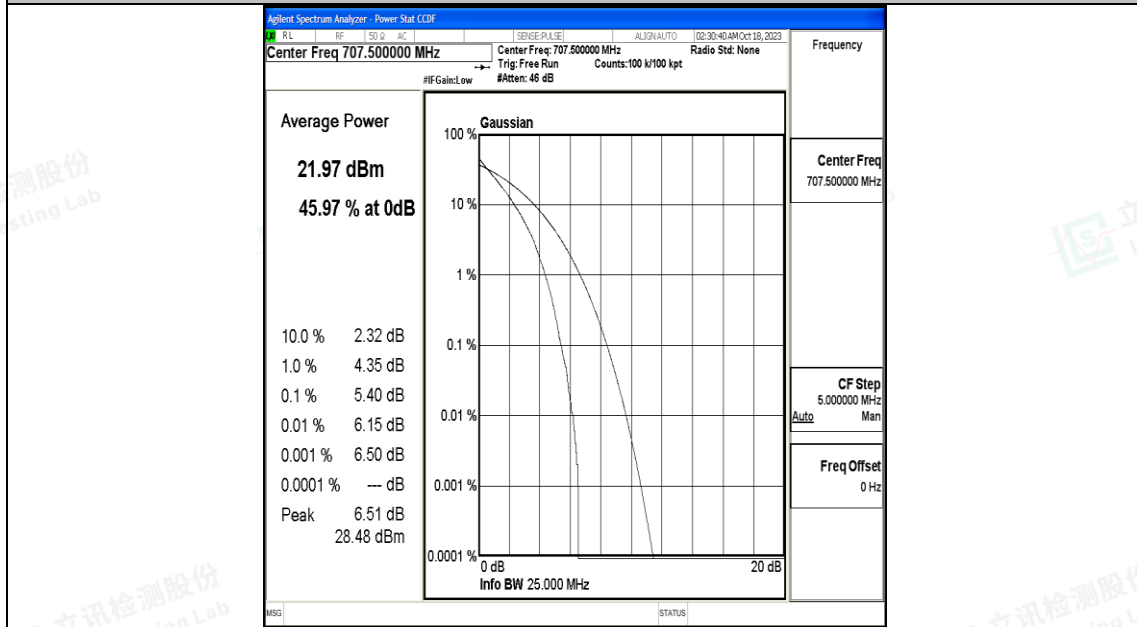


Band12-3MHz-16QAM-23165-15RB#0-PASS



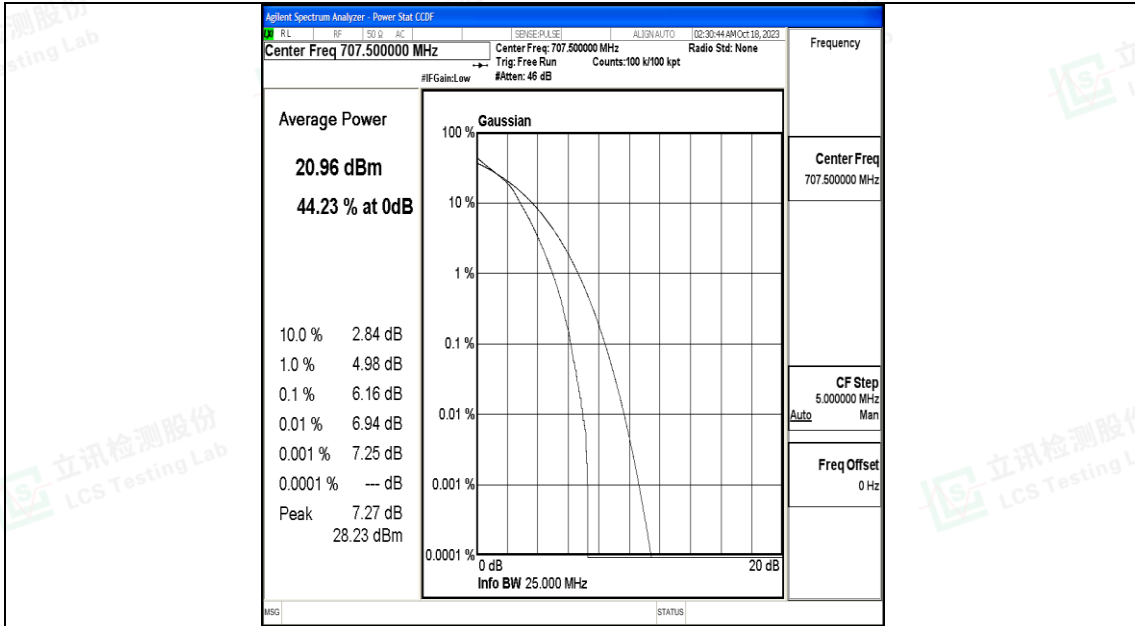


Band12-10MHz-16QAM-23060-50RB#0-PASS

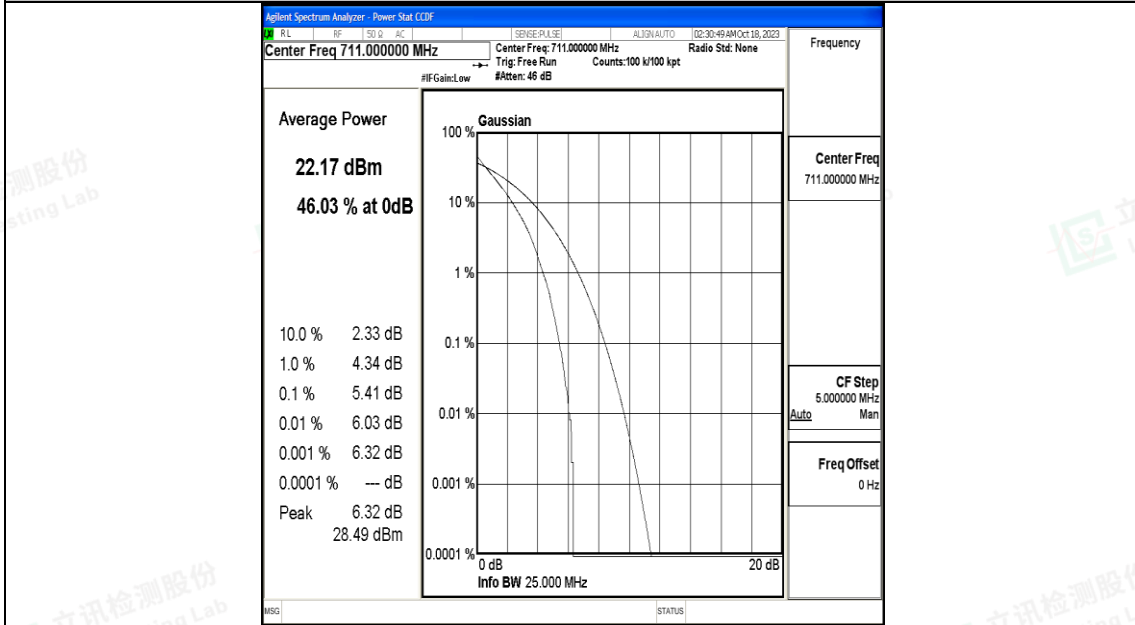


Band12-10MHz-QPSK-23095-50RB#0-PASS





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



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





### J.3 26dB Bandwidth and Occupied Bandwidth

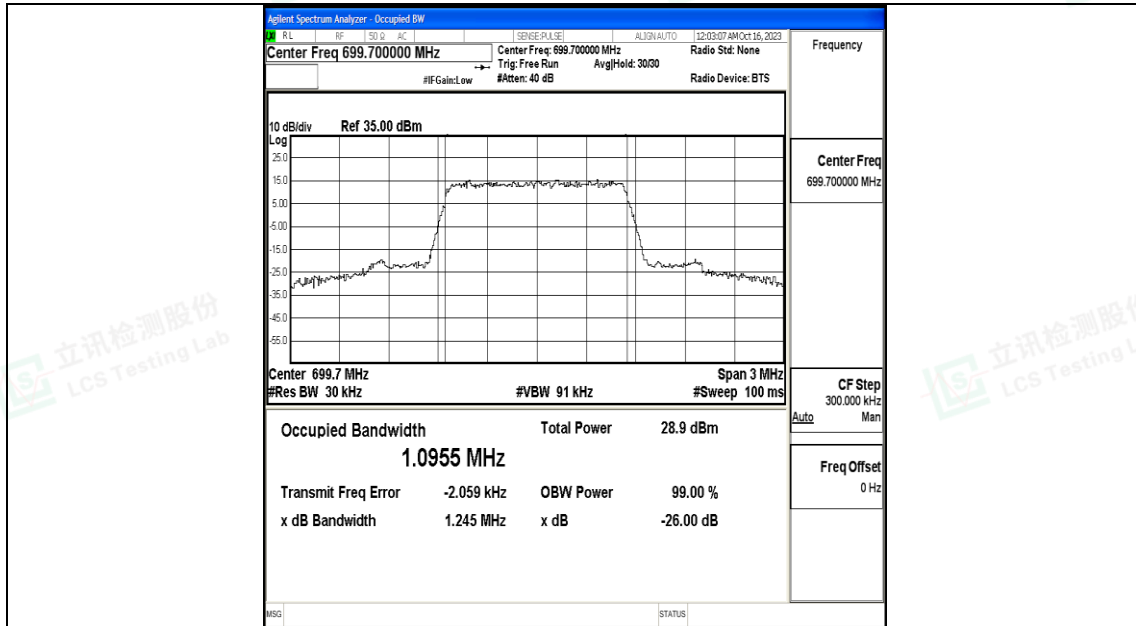
#### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	1.0955	1.245	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1.1028	1.245	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.0928	1.244	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.1023	1.246	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.0974	1.243	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1.1016	1.247	PASS
Band12	3MHz	QPSK	23025	15RB#0	2.7131	3.014	PASS
Band12	3MHz	16QAM	23025	15RB#0	2.7116	3.021	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.7073	3.021	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.7121	3.034	PASS
Band12	3MHz	QPSK	23165	15RB#0	2.7045	3.008	PASS
Band12	3MHz	16QAM	23165	15RB#0	2.7048	3.028	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.5147	5.181	PASS
Band12	5MHz	16QAM	23035	25RB#0	4.5171	5.164	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.5263	5.172	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.5228	5.210	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.5281	5.186	PASS
Band12	5MHz	16QAM	23155	25RB#0	4.5209	5.144	PASS
Band12	10MHz	QPSK	23060	50RB#0	9.0361	10.35	PASS
Band12	10MHz	16QAM	23060	50RB#0	9.0138	10.11	PASS
Band12	10MHz	QPSK	23095	50RB#0	9.0109	10.15	PASS
Band12	10MHz	16QAM	23095	50RB#0	8.9912	10.12	PASS
Band12	10MHz	QPSK	23130	50RB#0	9.0025	10.24	PASS
Band12	10MHz	16QAM	23130	50RB#0	9.0147	10.04	PASS

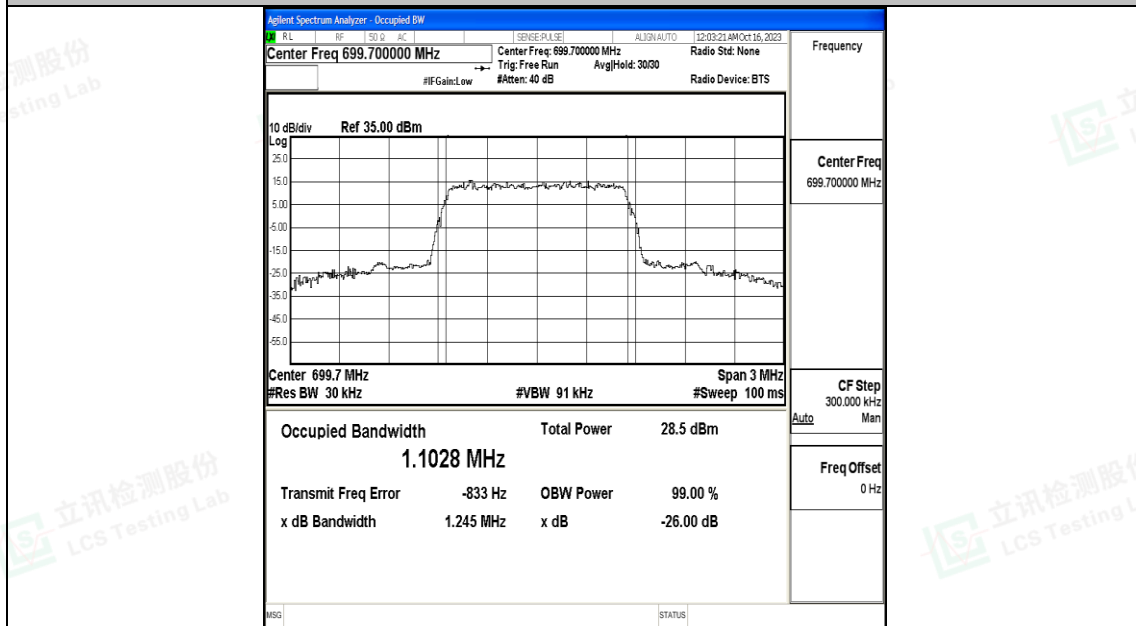




### Test Graphs

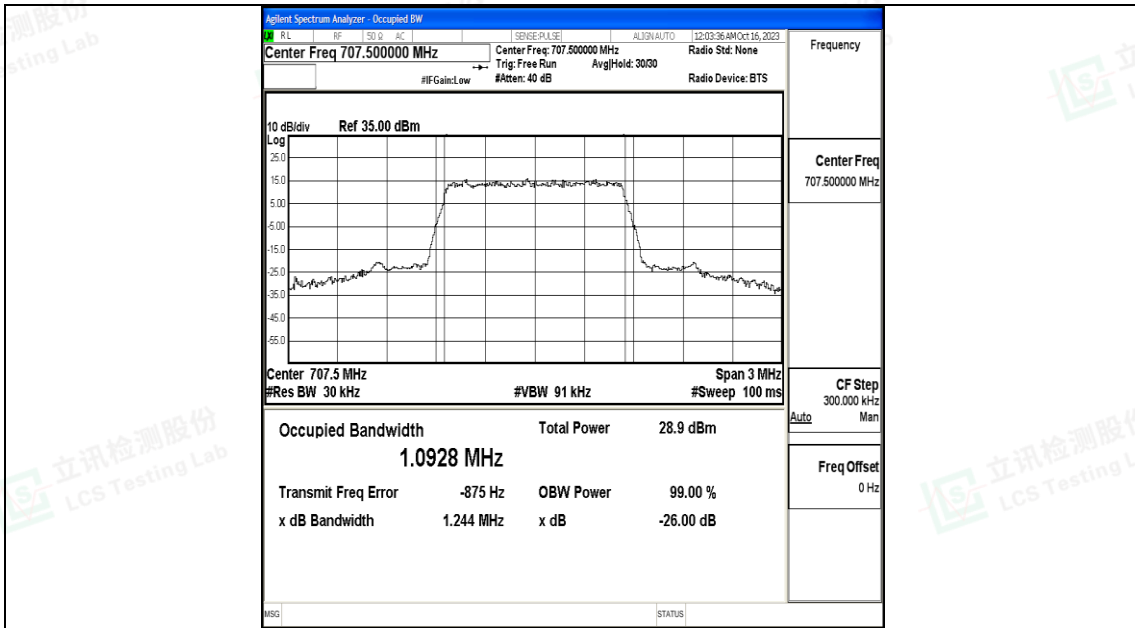


Band12-1.4MHz-QPSK-23017-6RB#0-PASS

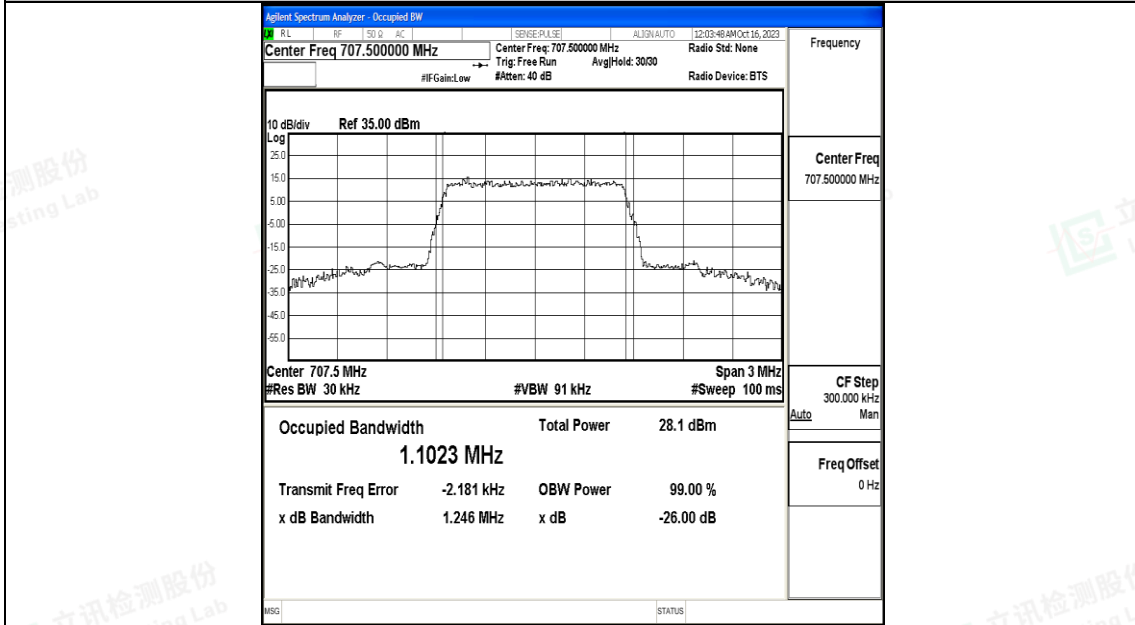


Band12-1.4MHz-16QAM-23017-6RB#0-PASS



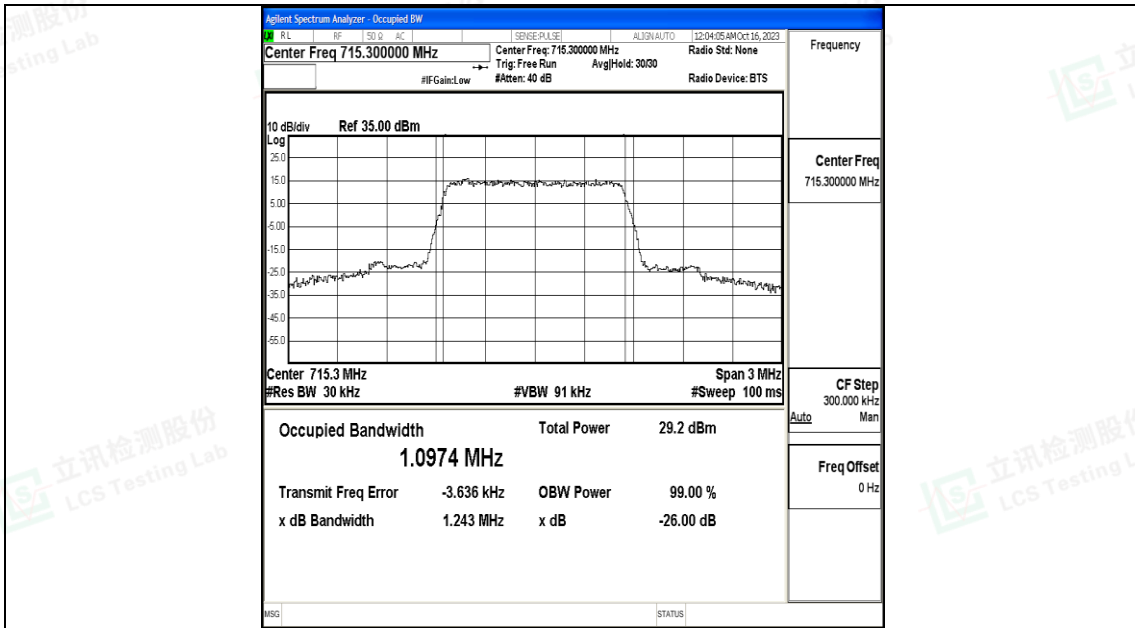


Band12-1.4MHz-QPSK-23095-6RB#0-PASS

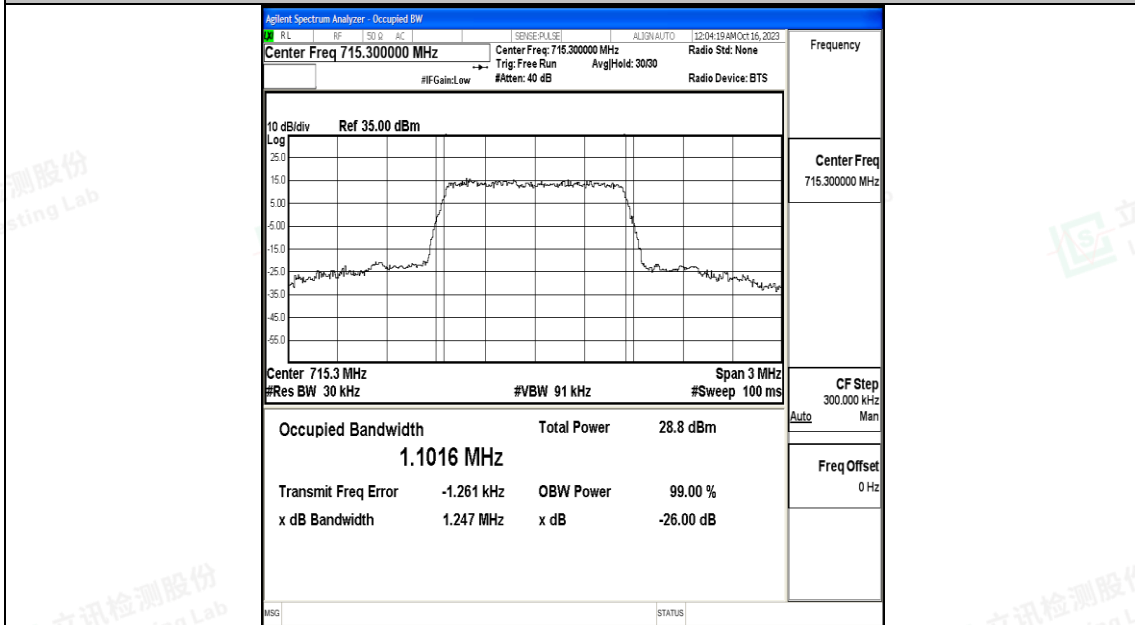


Band12-1.4MHz-16QAM-23095-6RB#0-PASS



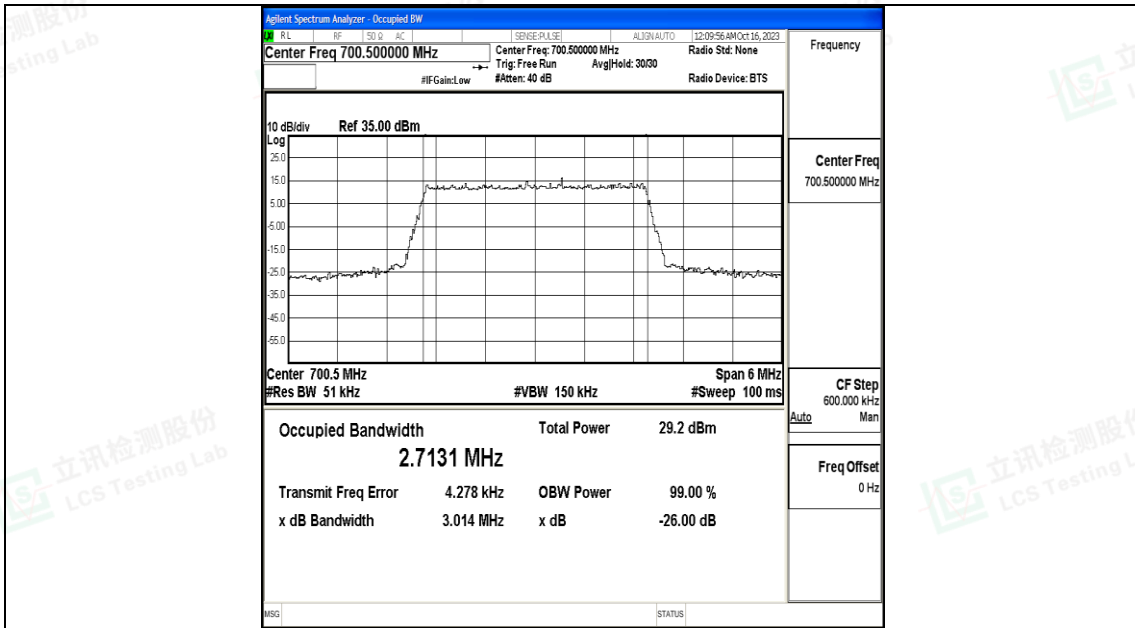


Band12-1.4MHz-QPSK-23173-6RB#0-PASS

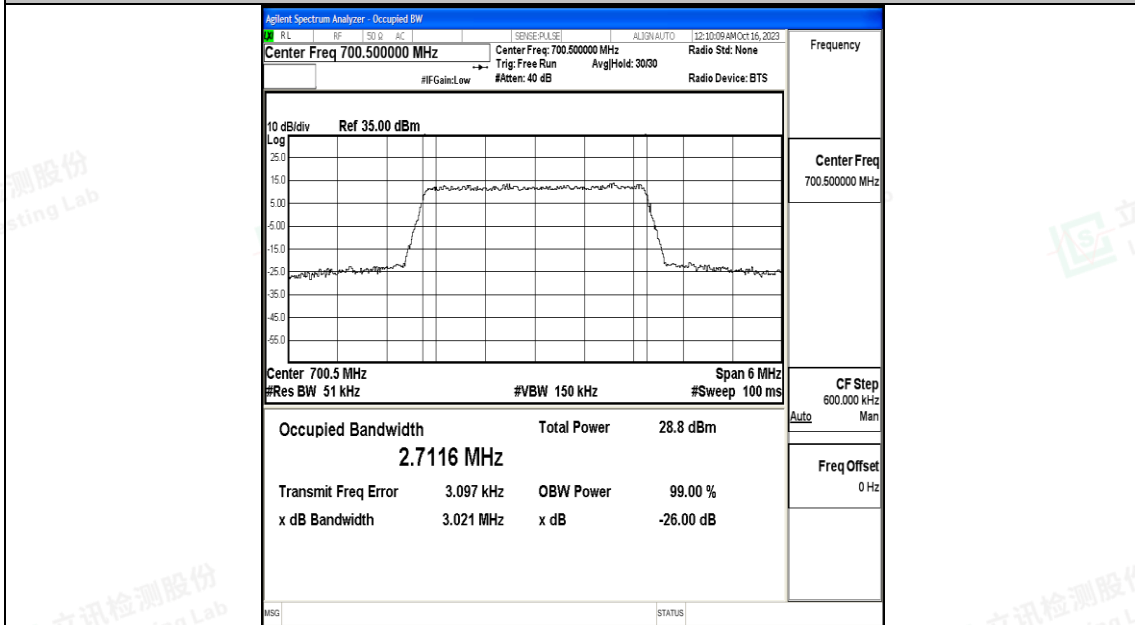


Band12-1.4MHz-16QAM-23173-6RB#0-PASS





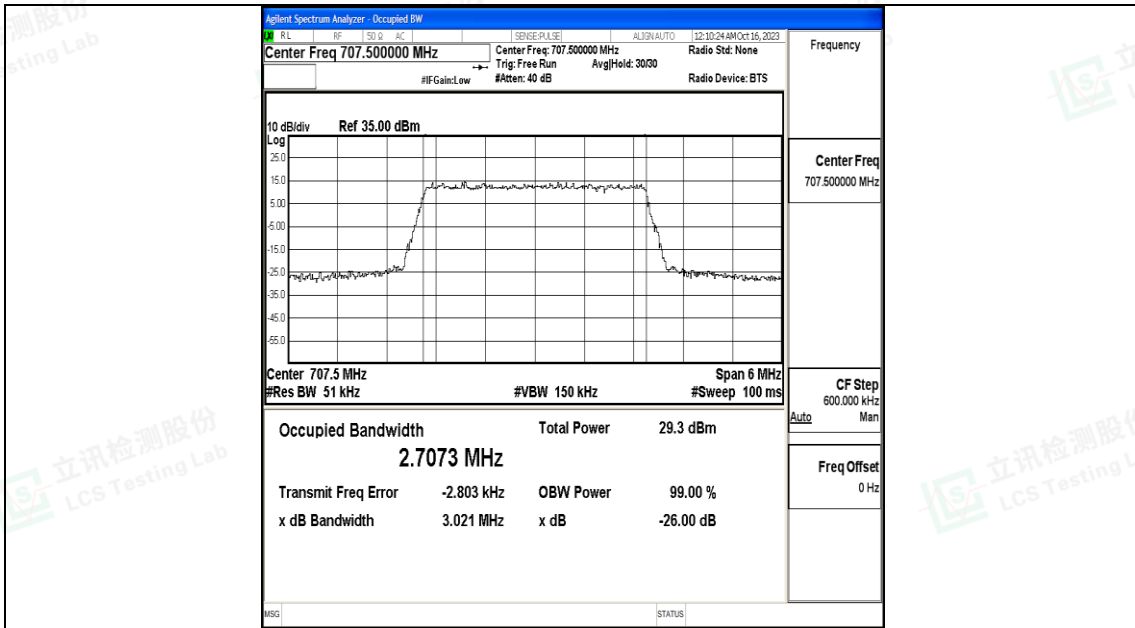
Band12-3MHz-QPSK-23025-15RB#0-PASS



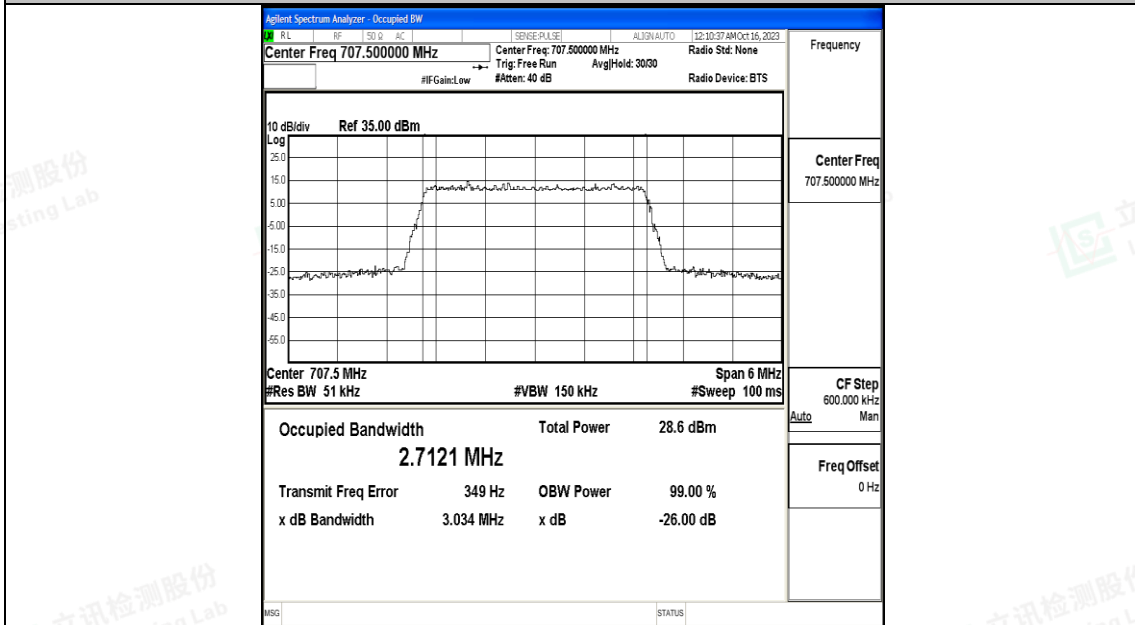
Band12-3MHz-16QAM-23025-15RB#0-PASS





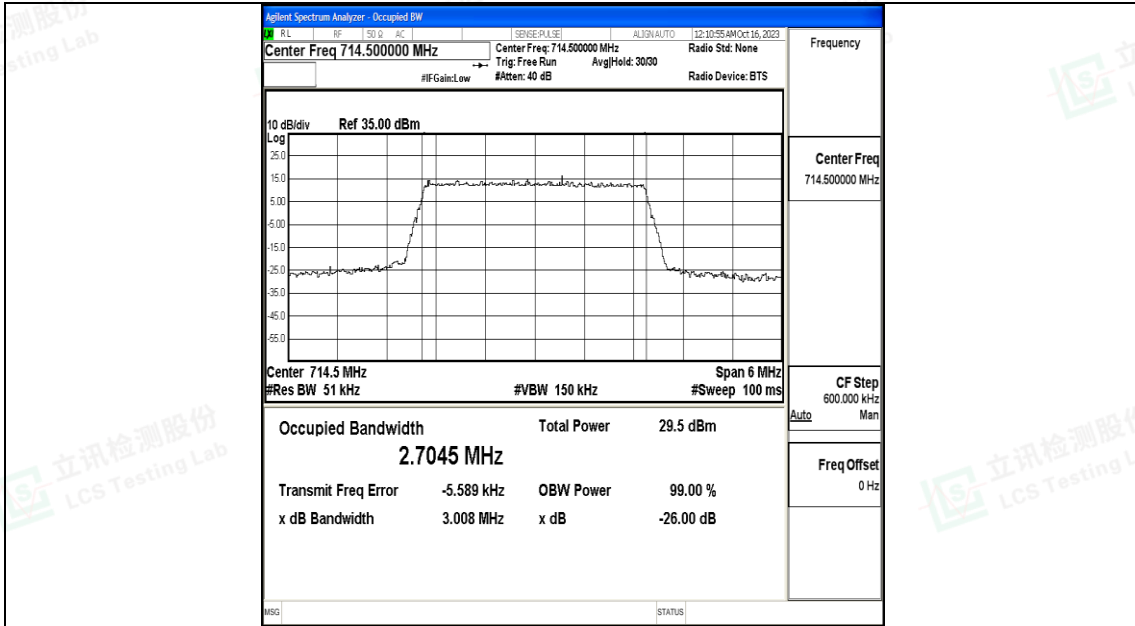


Band12-3MHz-QPSK-23095-15RB#0-PASS

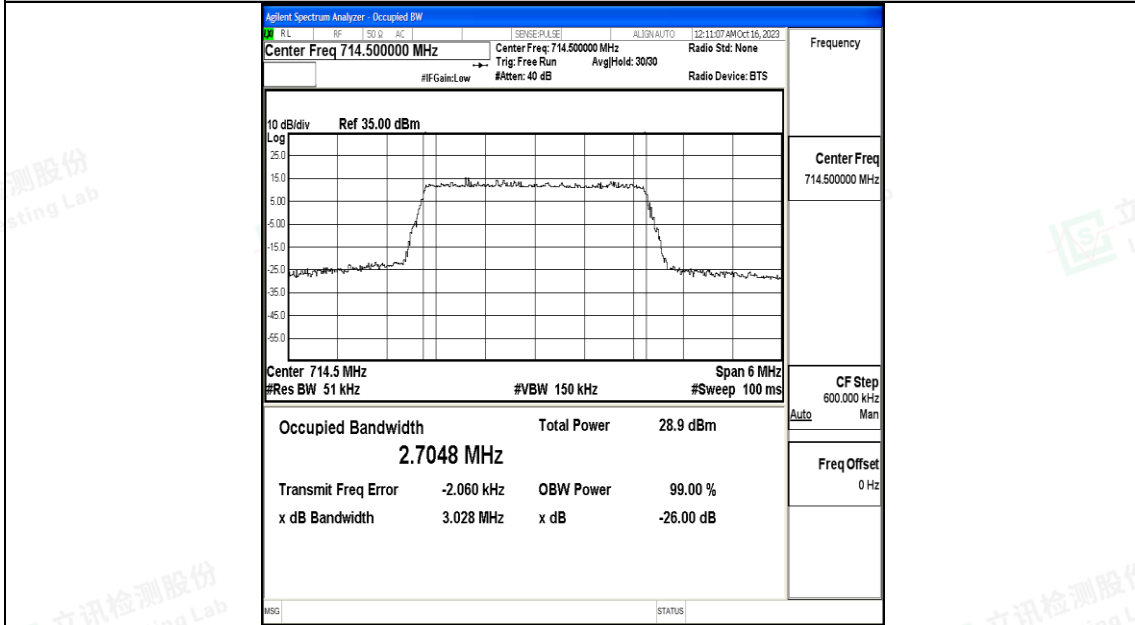


Band12-3MHz-16QAM-23095-15RB#0-PASS



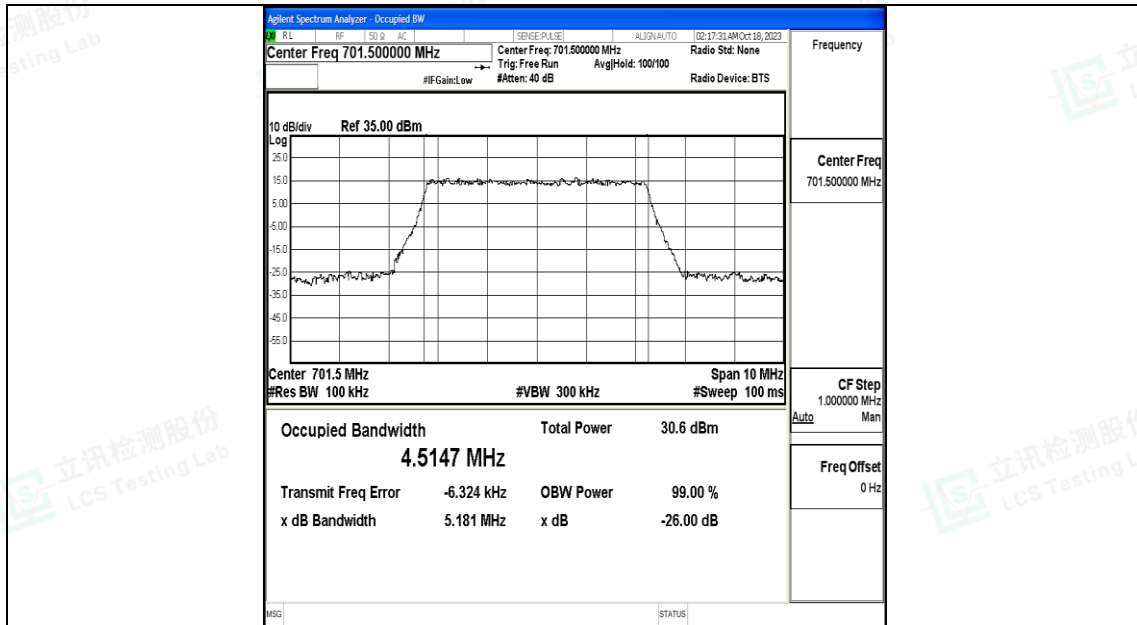


Band12-3MHz-QPSK-23165-15RB#0-PASS

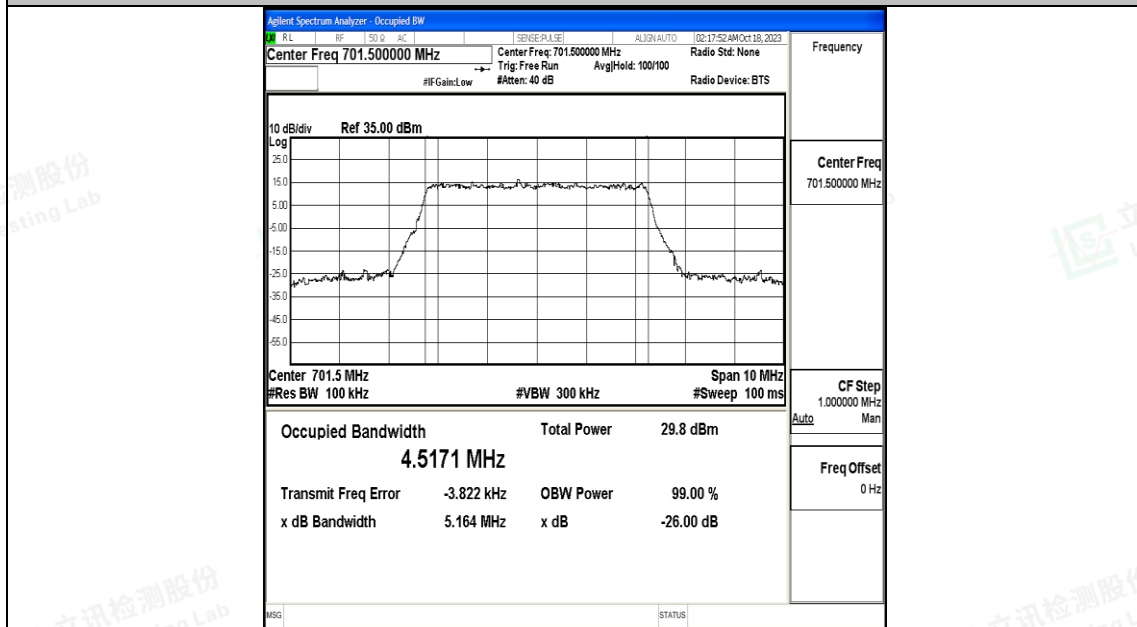


Band12-3MHz-16QAM-23165-15RB#0-PASS



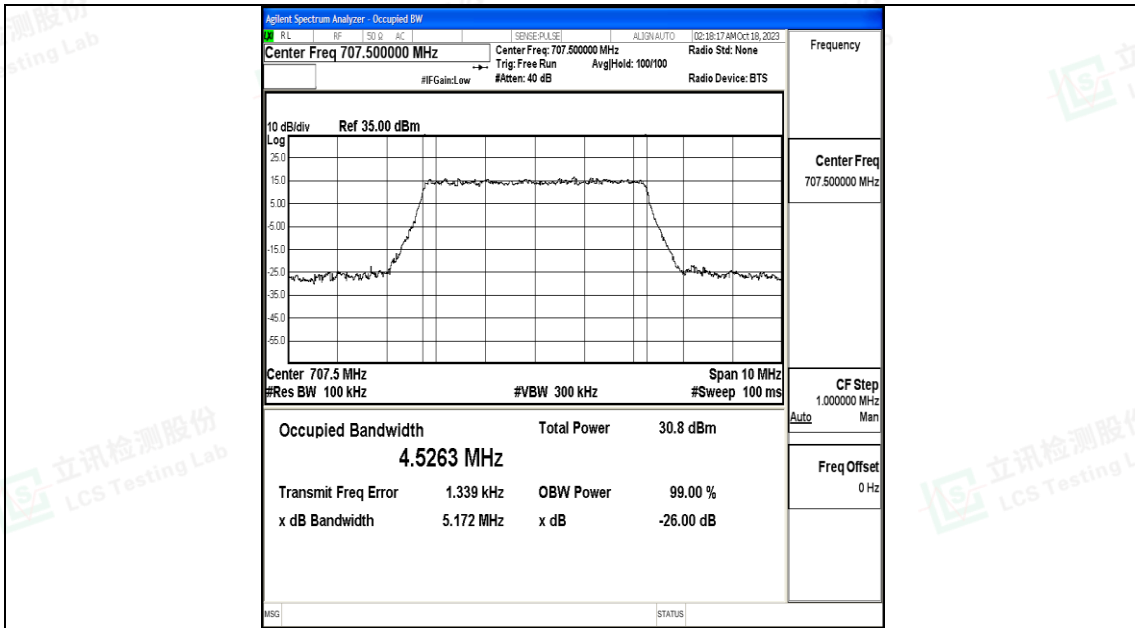


Band12-5MHz-QPSK-23035-25RB#0-PASS

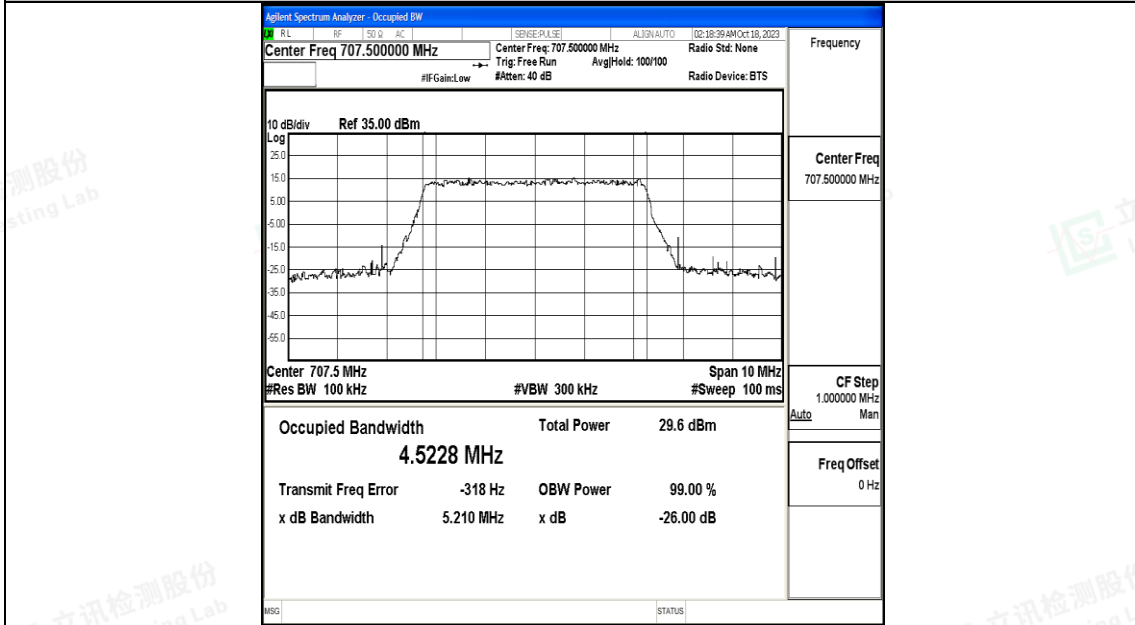


Band12-5MHz-16QAM-23035-25RB#0-PASS



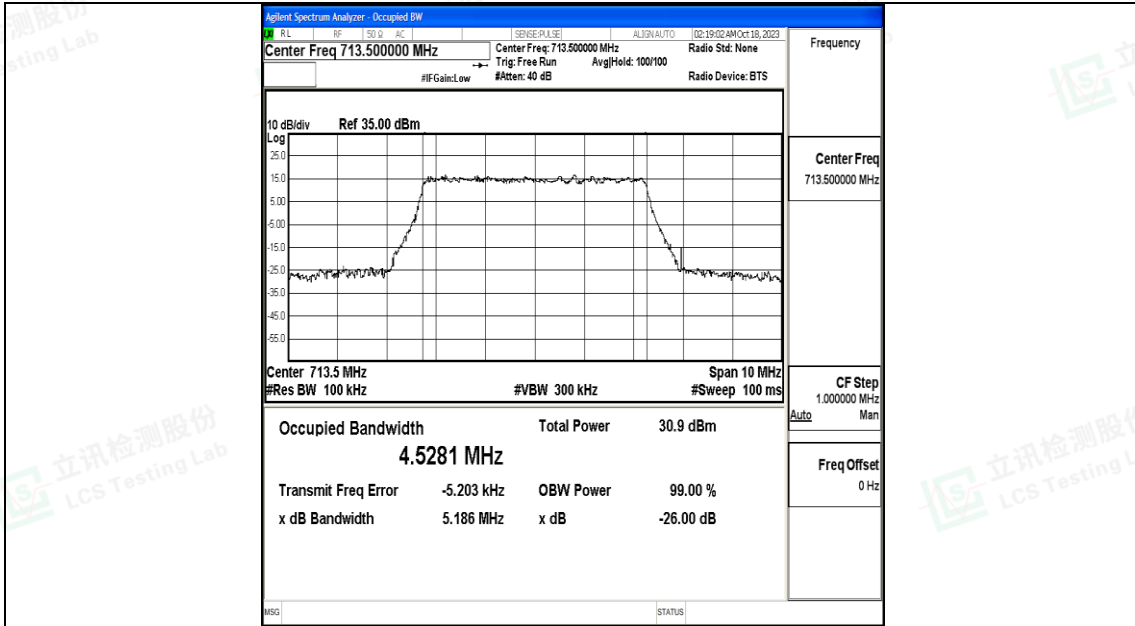


Band12-5MHz-QPSK-23095-25RB#0-PASS

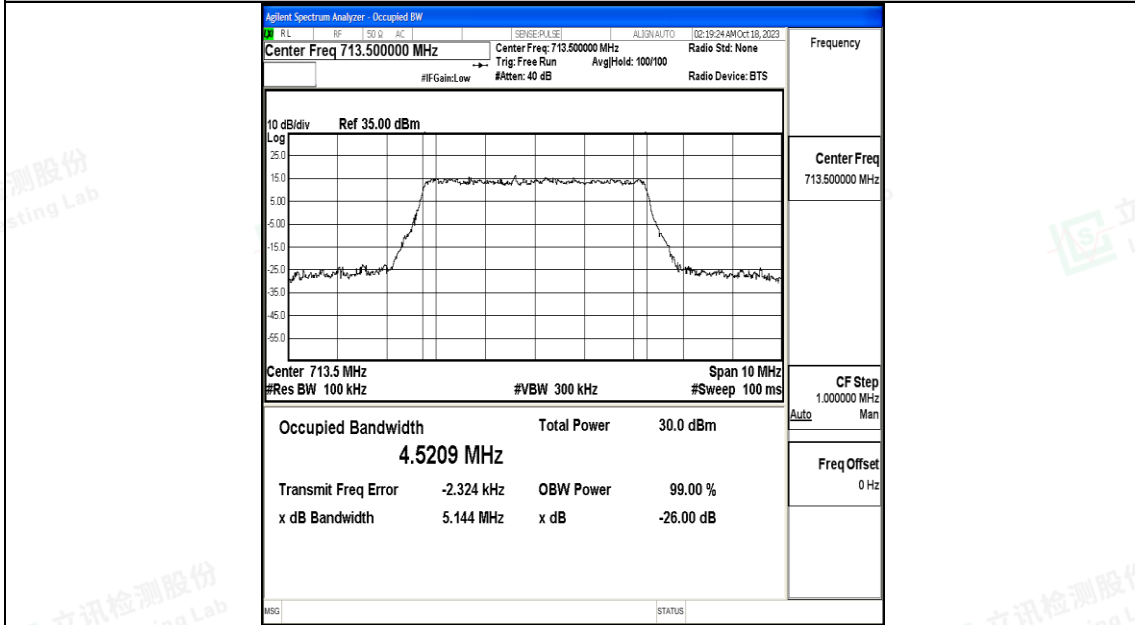


Band12-5MHz-16QAM-23095-25RB#0-PASS



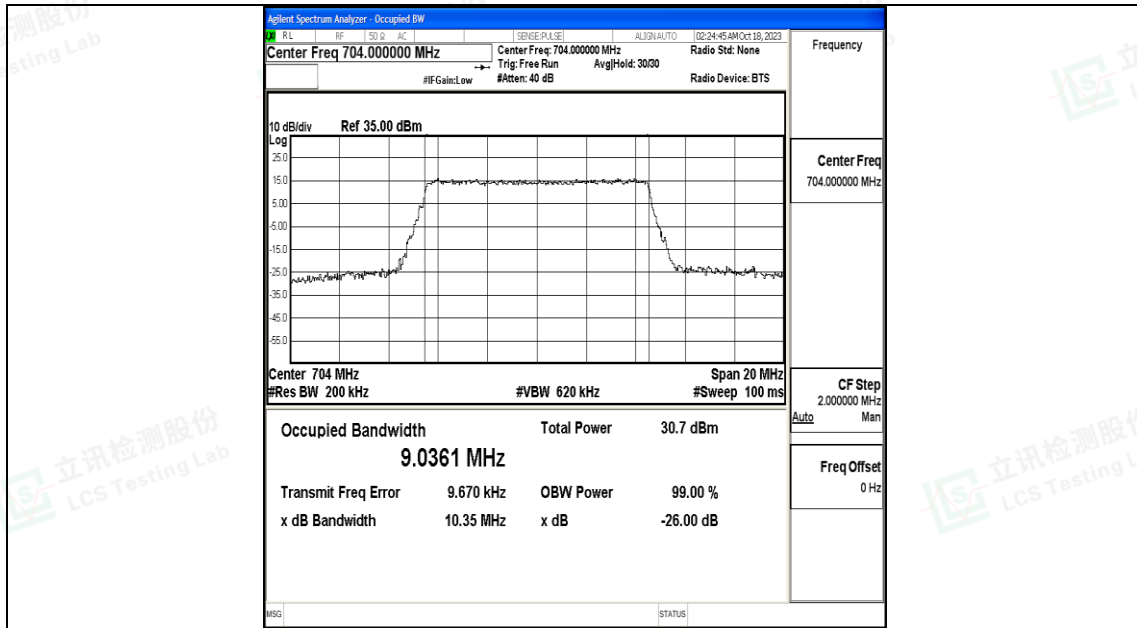


Band12-5MHz-QPSK-23155-25RB#0-PASS

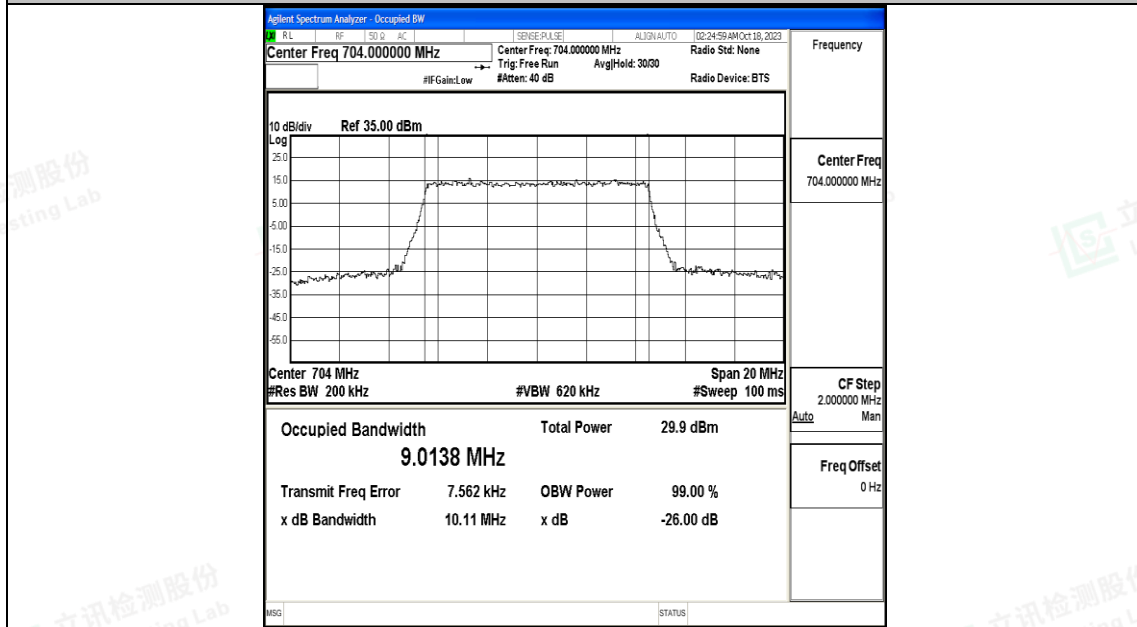


Band12-5MHz-16QAM-23155-25RB#0-PASS



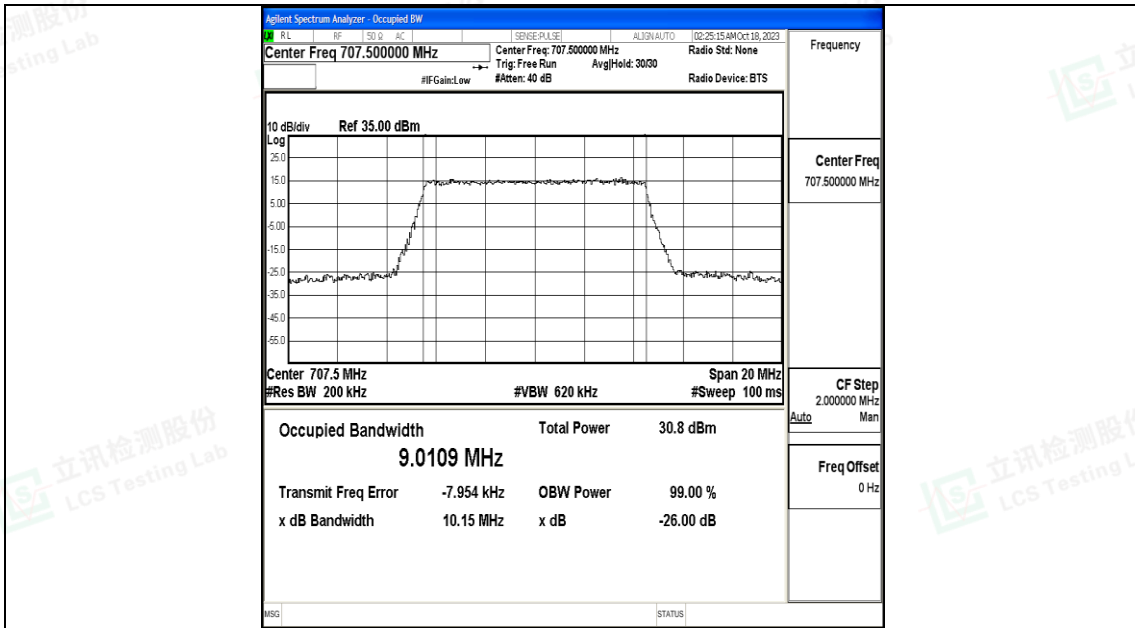


Band12-10MHz-QPSK-23060-50RB#0-PASS

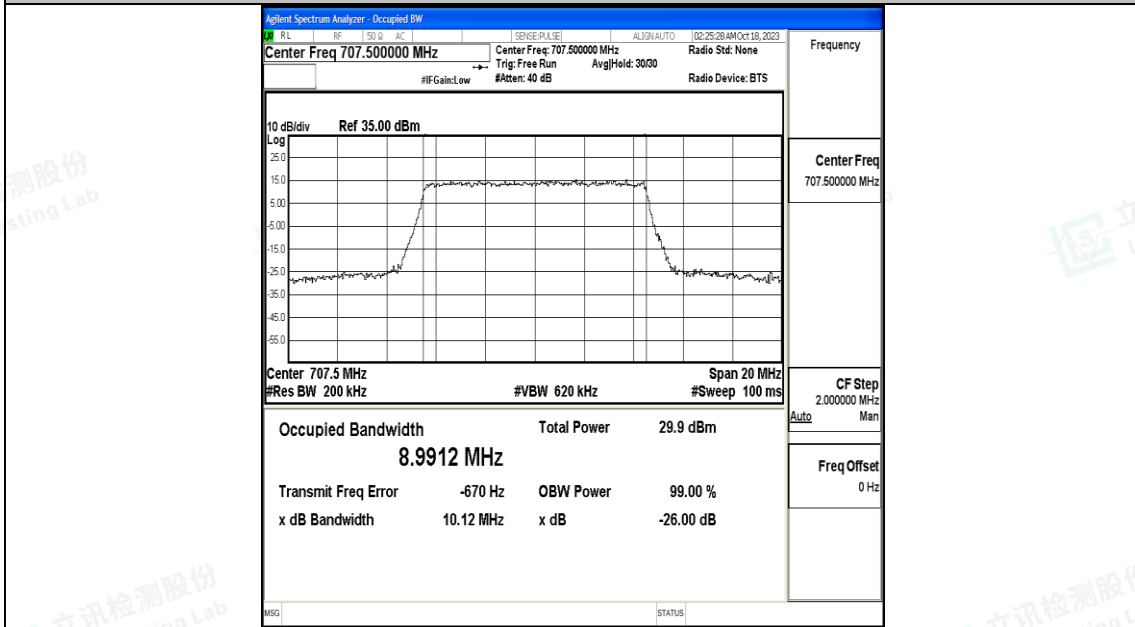


Band12-10MHz-16QAM-23060-50RB#0-PASS



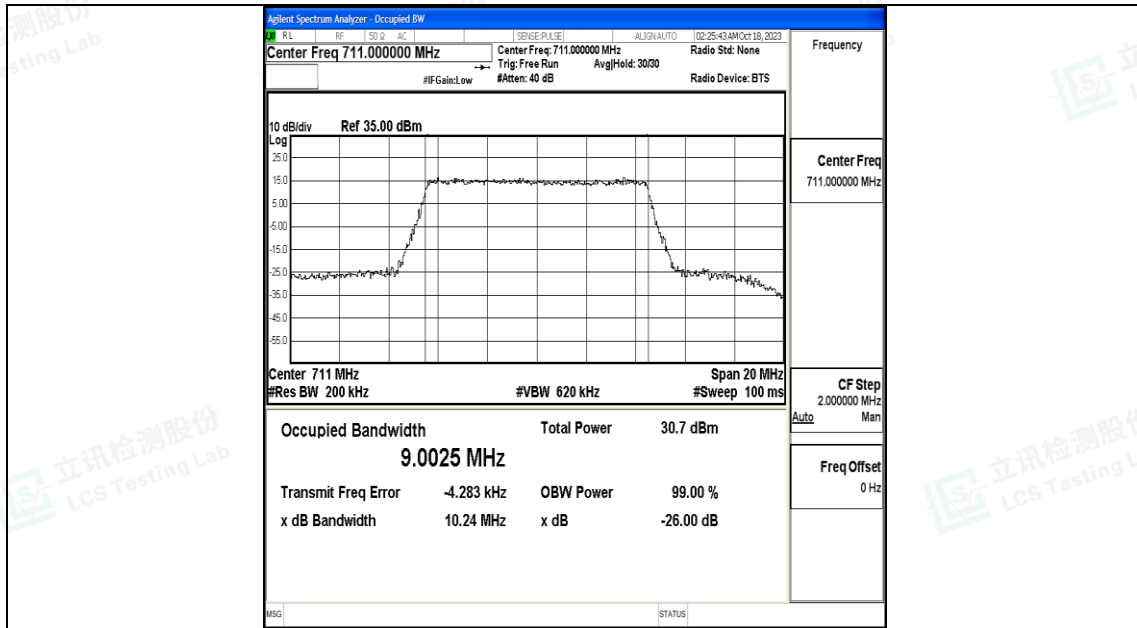


Band12-10MHz-QPSK-23095-50RB#0-PASS

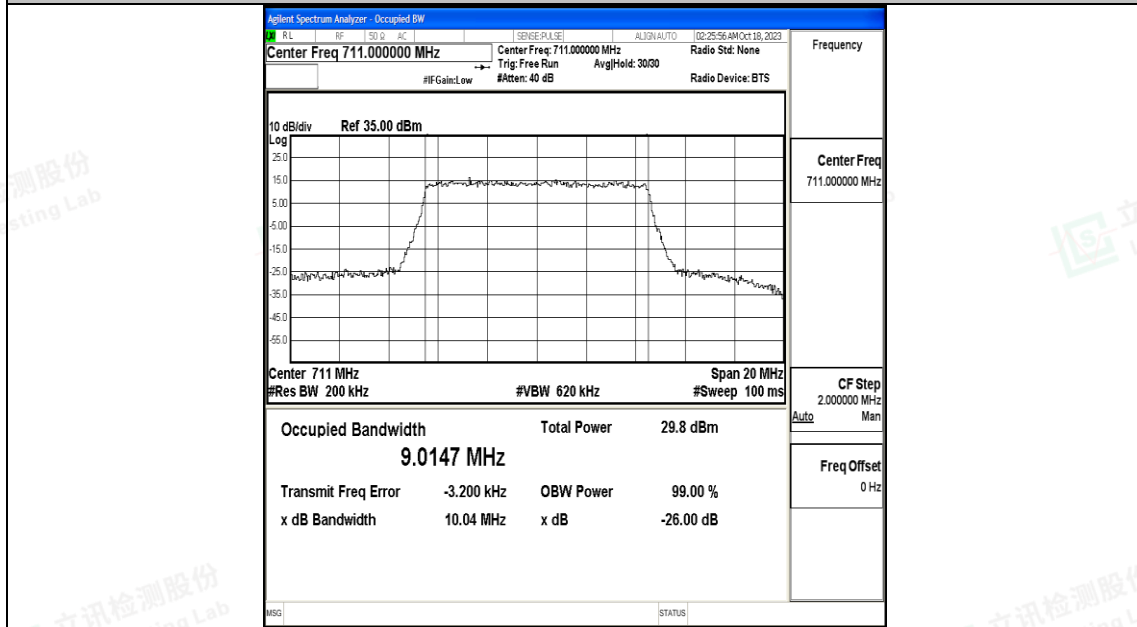


Band12-10MHz-16QAM-23095-50RB#0-PASS





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



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





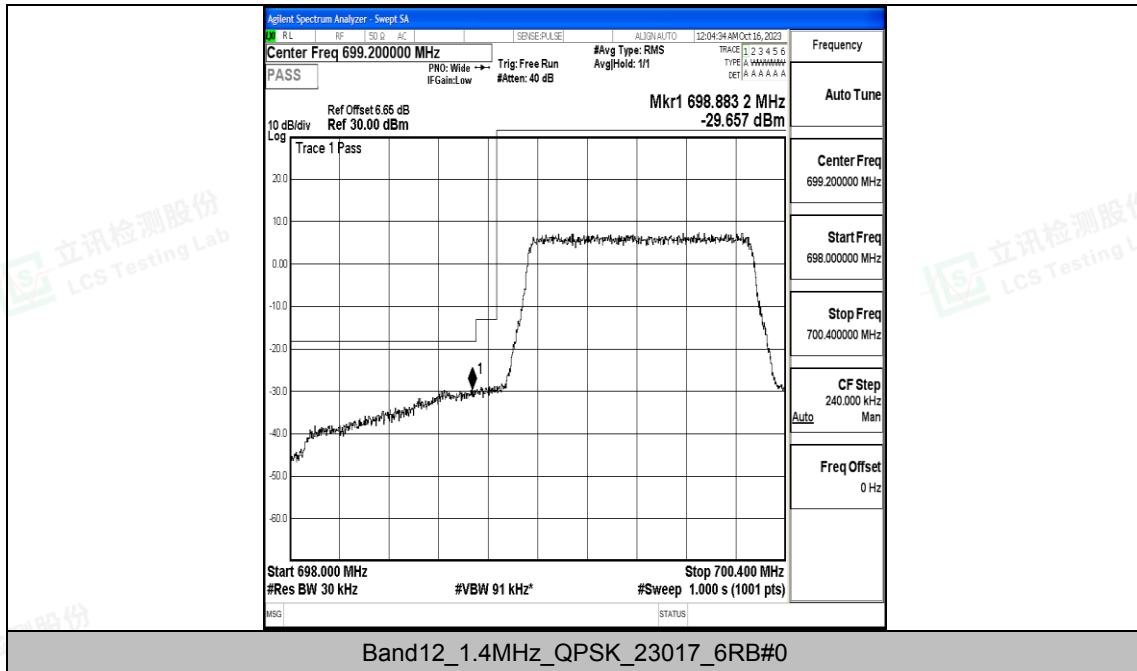


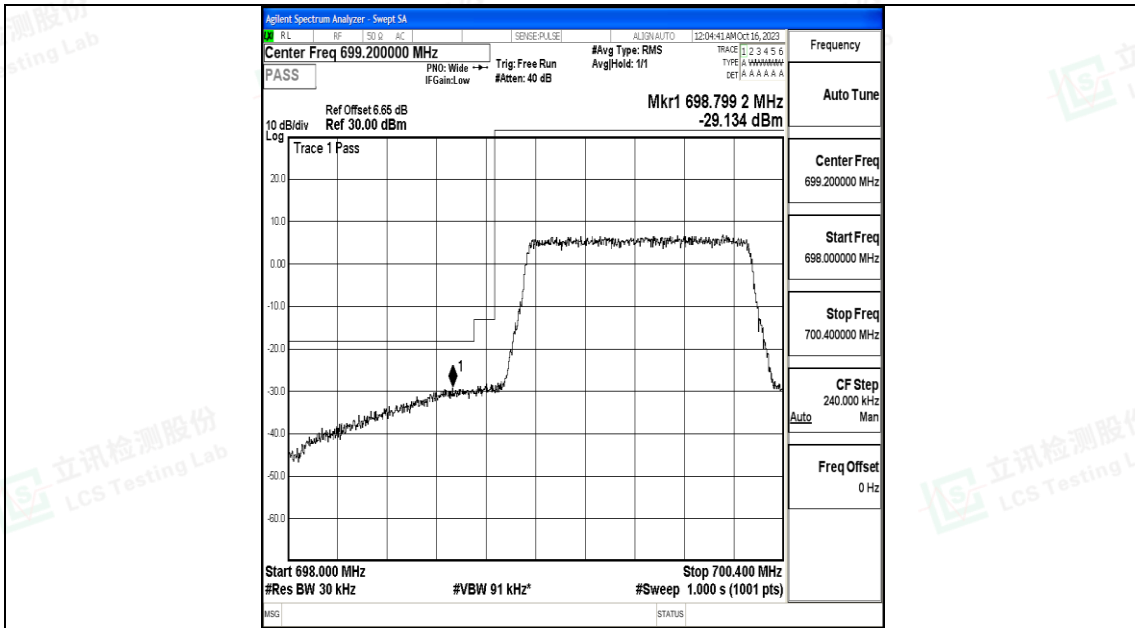
### J.4 Band Edge

#### Test Result

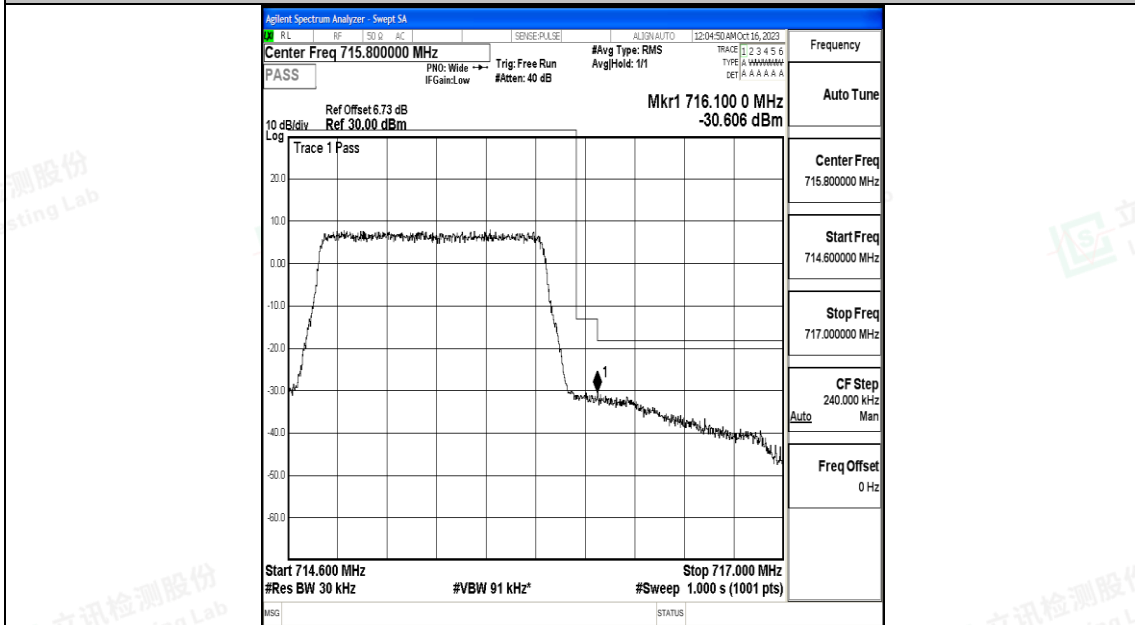
Band	Bandwidth	Modulation	Channel	RB Configuration	Peak Frequency	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	698.88	-29.66	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	698.80	-29.13	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	716.10	-30.61	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	716.16	-30.83	PASS
Band12	3MHz	QPSK	23025	15RB#0	698.99	-25.83	PASS
Band12	3MHz	16QAM	23025	15RB#0	699.00	-26.36	PASS
Band12	3MHz	QPSK	23165	15RB#0	716.00	-25.46	PASS
Band12	3MHz	16QAM	23165	15RB#0	716.00	-26.31	PASS
Band12	5MHz	QPSK	23035	25RB#0	698.85	-32.88	PASS
Band12	5MHz	16QAM	23035	25RB#0	698.89	-32.93	PASS
Band12	5MHz	QPSK	23155	25RB#0	716.11	-32.84	PASS
Band12	5MHz	16QAM	23155	25RB#0	716.12	-32.73	PASS
Band12	10MHz	QPSK	23060	50RB#0	698.81	-37.26	PASS
Band12	10MHz	16QAM	23060	50RB#0	698.86	-38.71	PASS
Band12	10MHz	QPSK	23130	50RB#0	716.15	-38.83	PASS
Band12	10MHz	16QAM	23130	50RB#0	716.14	-38.28	PASS

#### Test Graphs



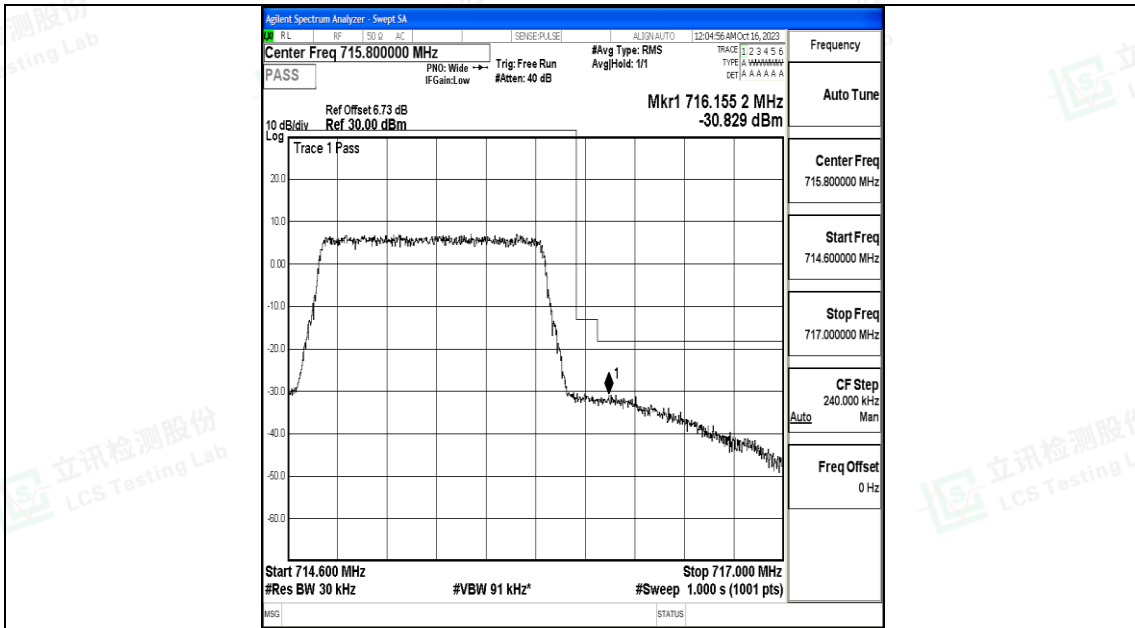


Band12\_1.4MHz\_16QAM\_23017\_6RB#0

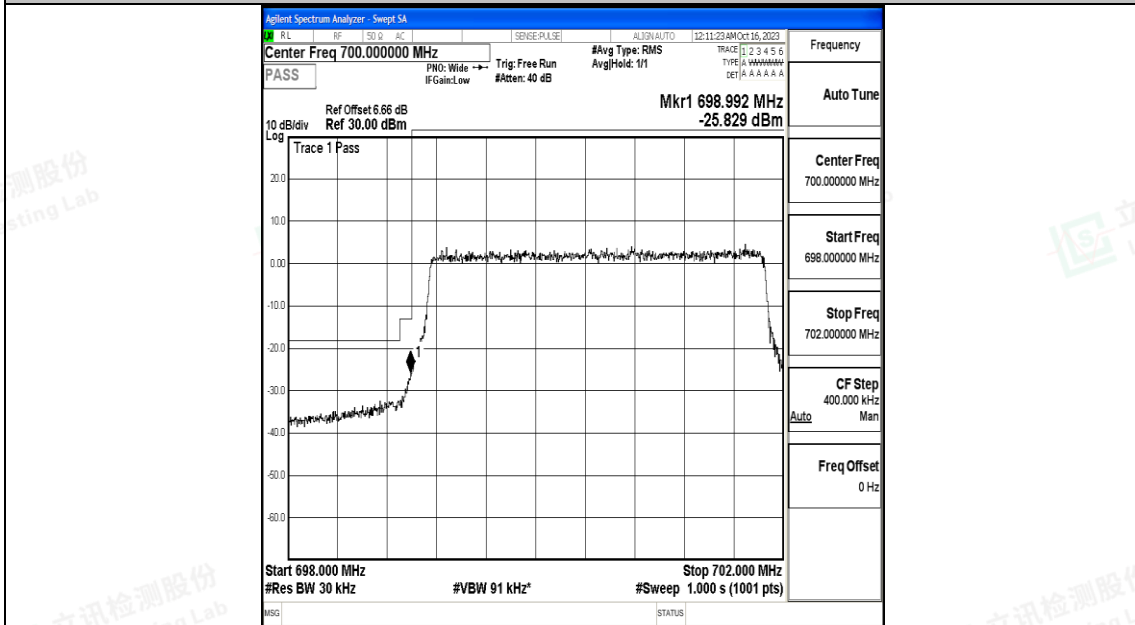


Band12\_1.4MHz\_QPSK\_23173\_6RB#0



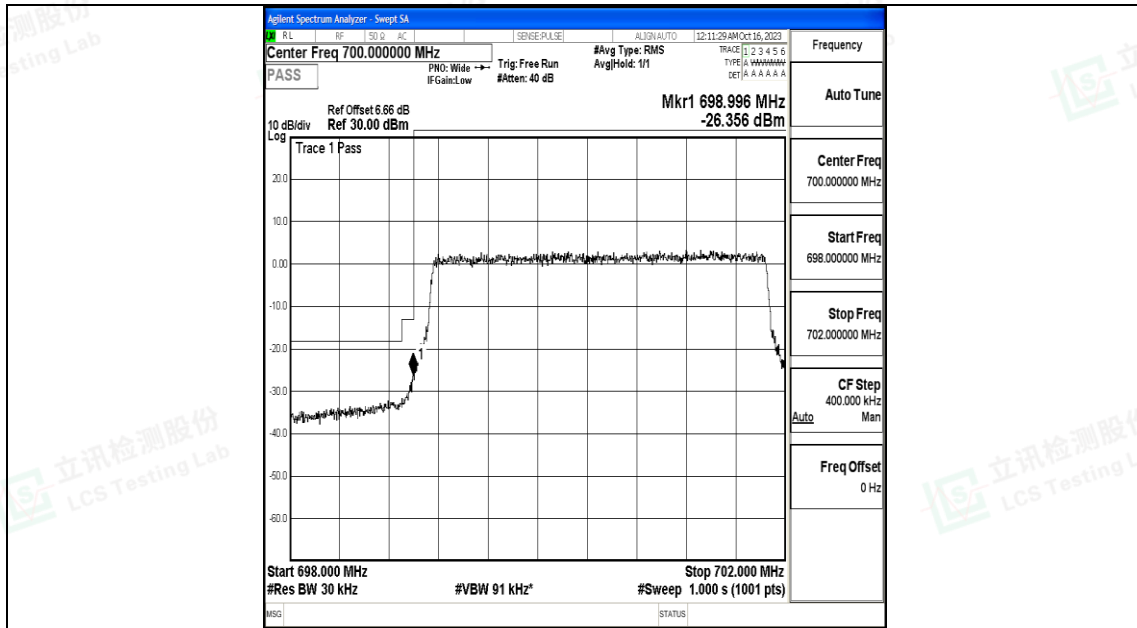


Band12\_1.4MHz\_16QAM\_23173\_6RB#0

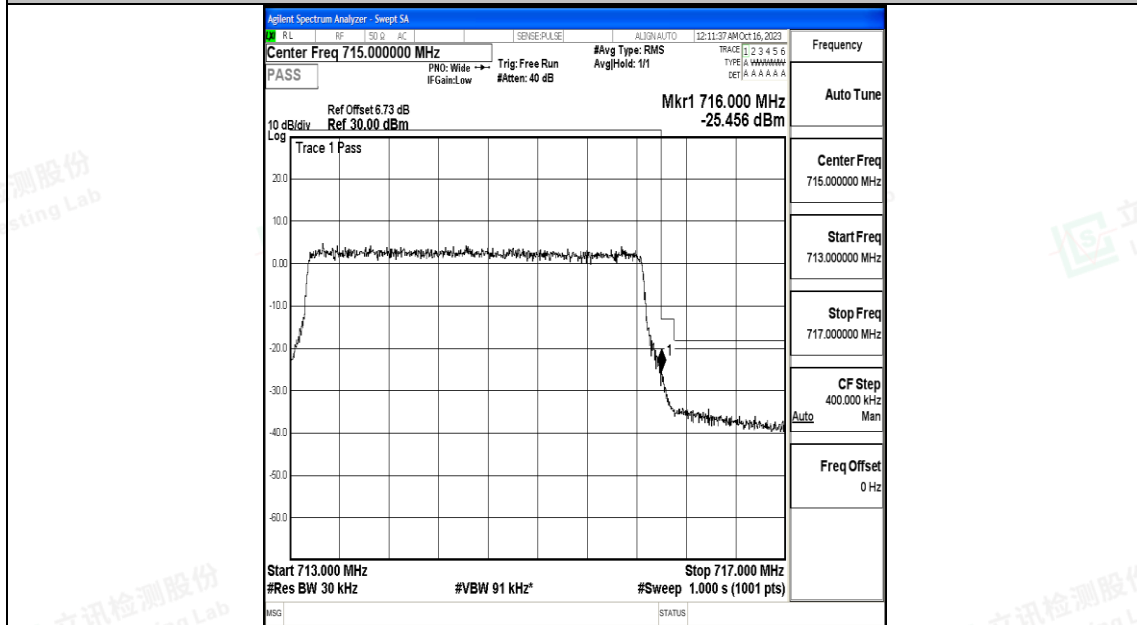


Band12\_3MHz\_QPSK\_23025\_15RB#0



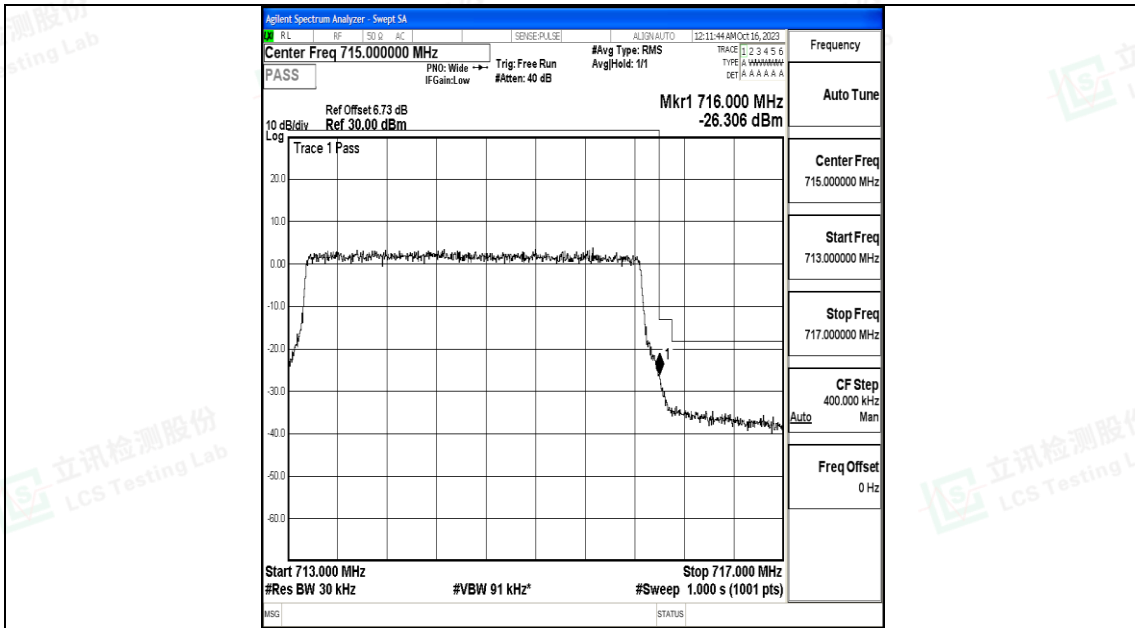


Band12\_3MHz\_16QAM\_23025\_15RB#0

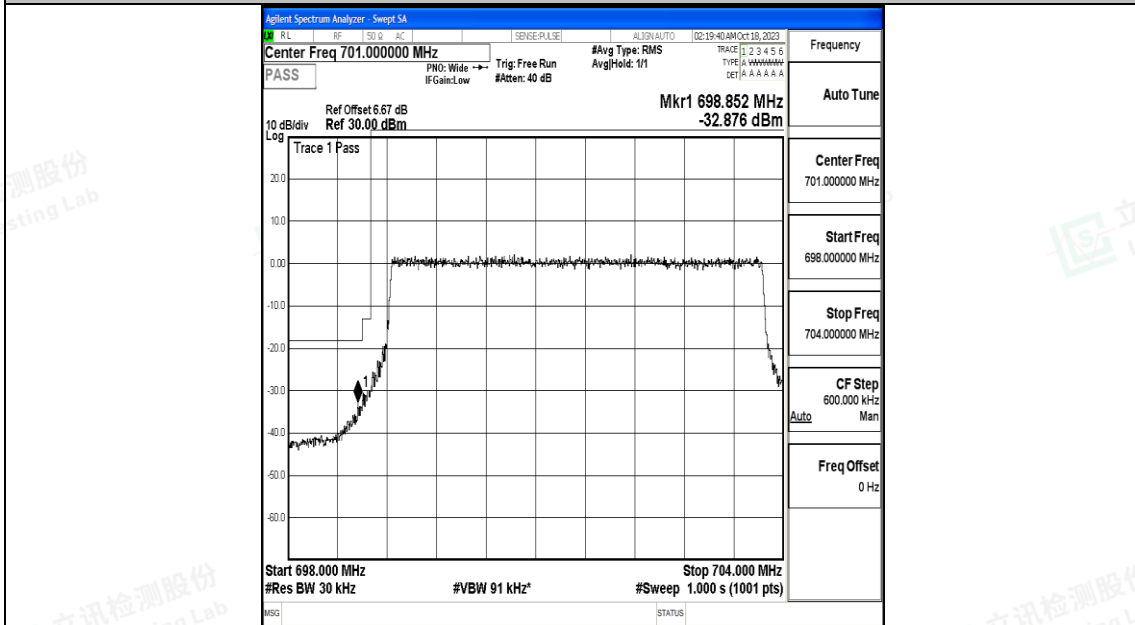


Band12\_3MHz\_QPSK\_23165\_15RB#0



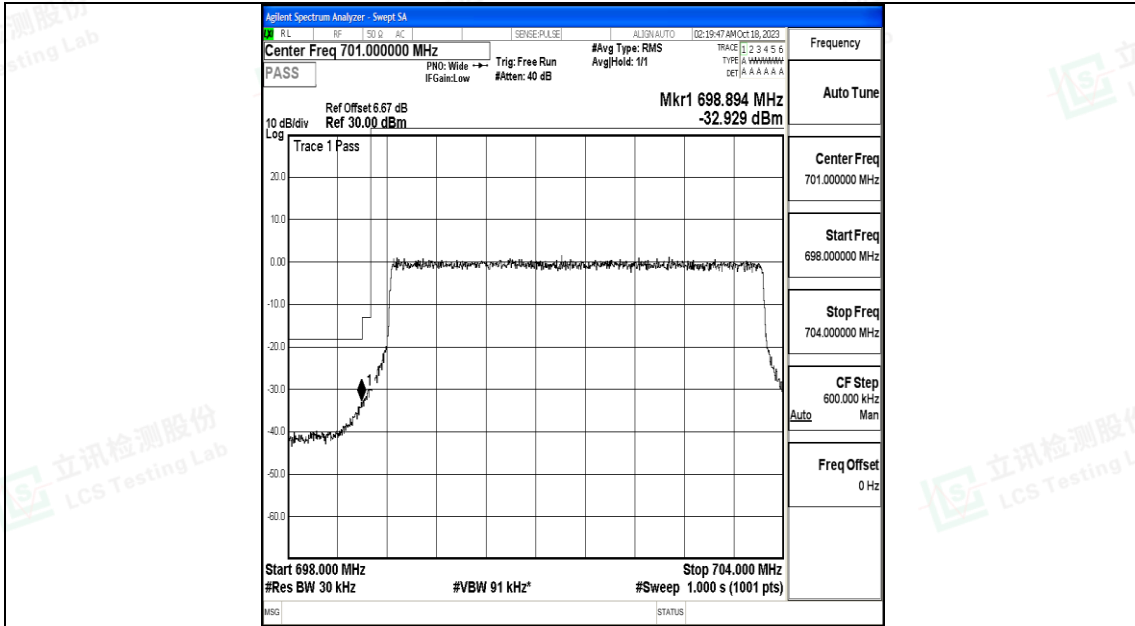


Band12\_3MHz\_16QAM\_23165\_15RB#0

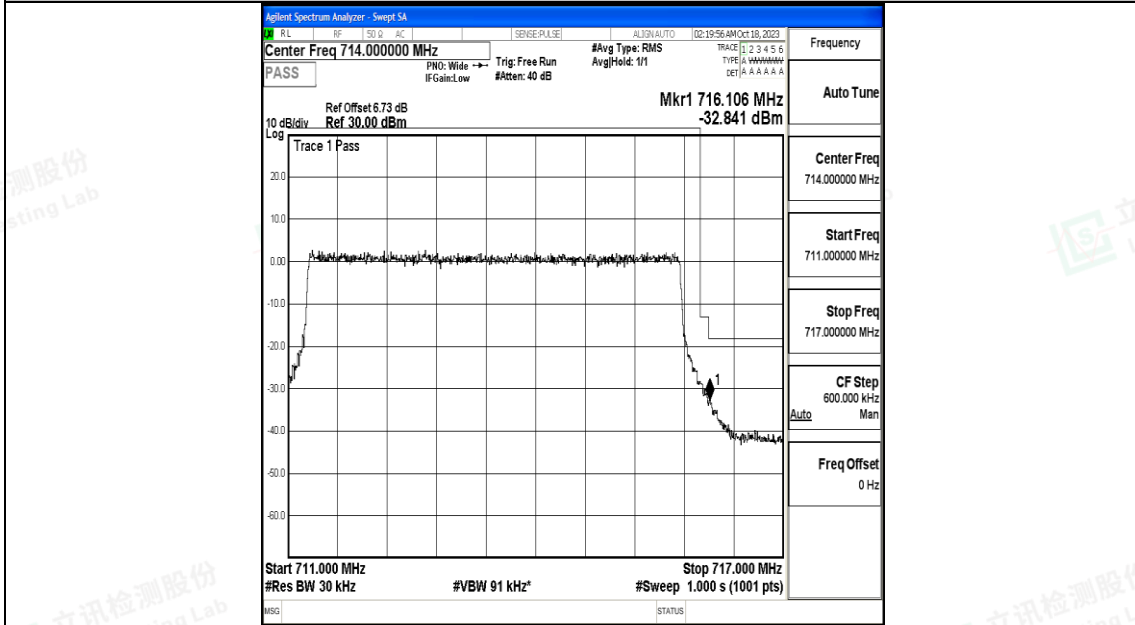


Band12\_5MHz\_QPSK\_23035\_25RB#0



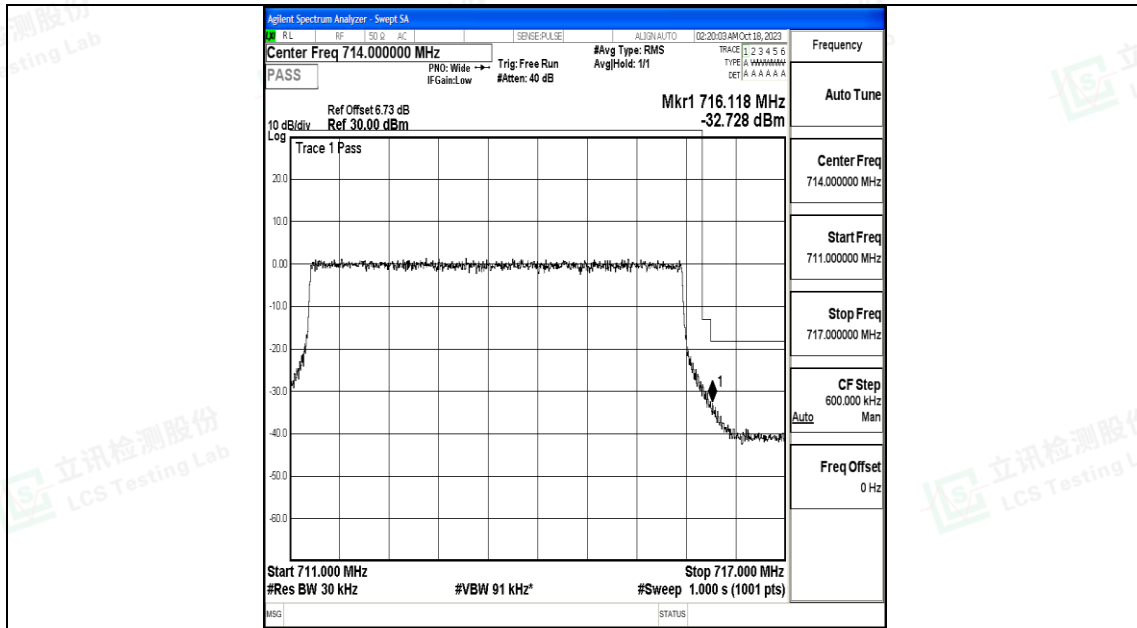


Band12\_5MHz\_16QAM\_23035\_25RB#0

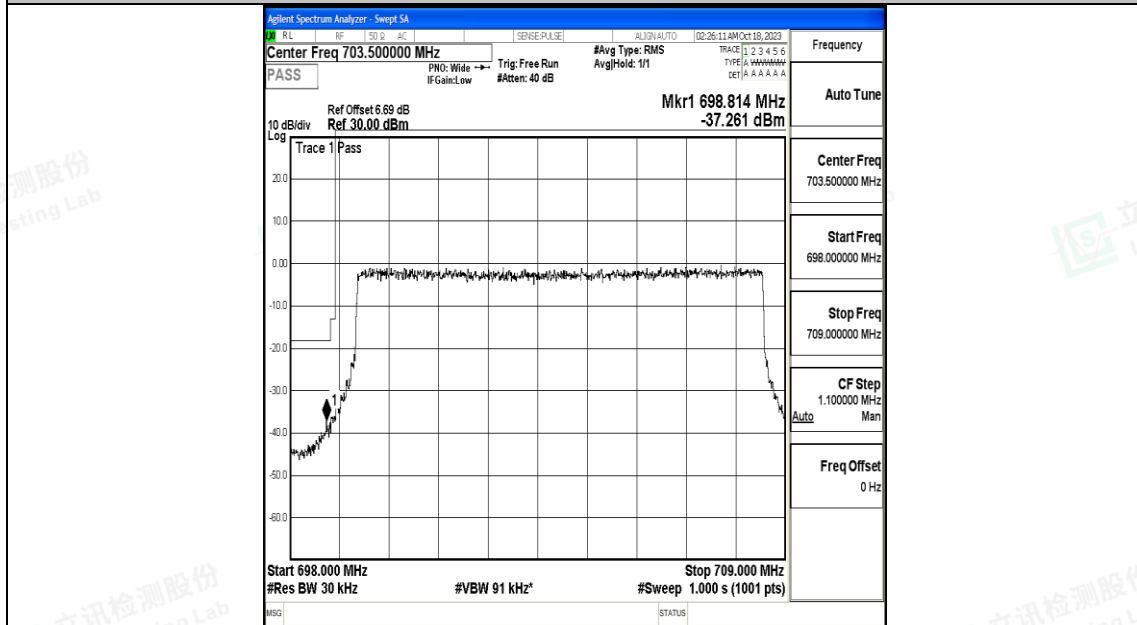


Band12\_5MHz\_QPSK\_23155\_25RB#0



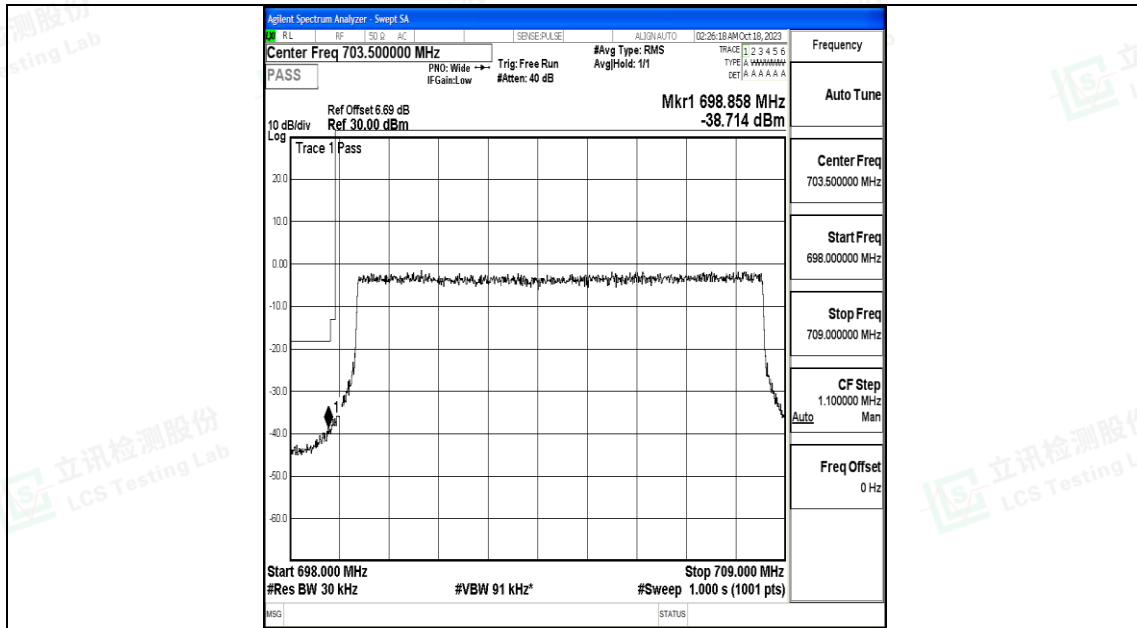


Band12\_5MHz\_16QAM\_23155\_25RB#0

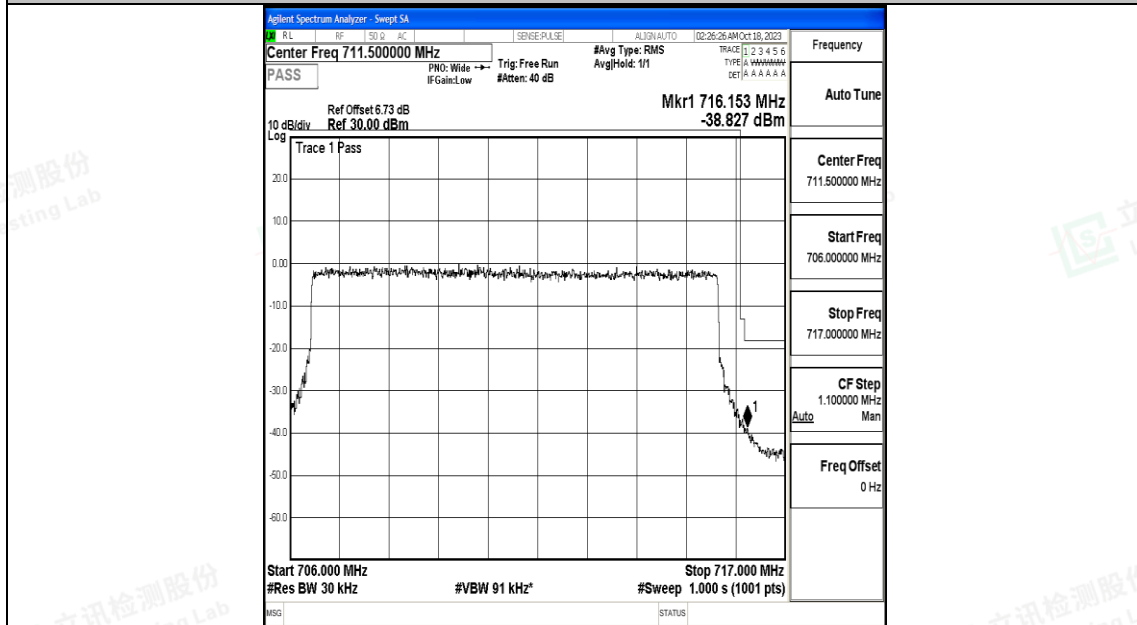


Band12\_10MHz\_QPSK\_23060\_50RB#0





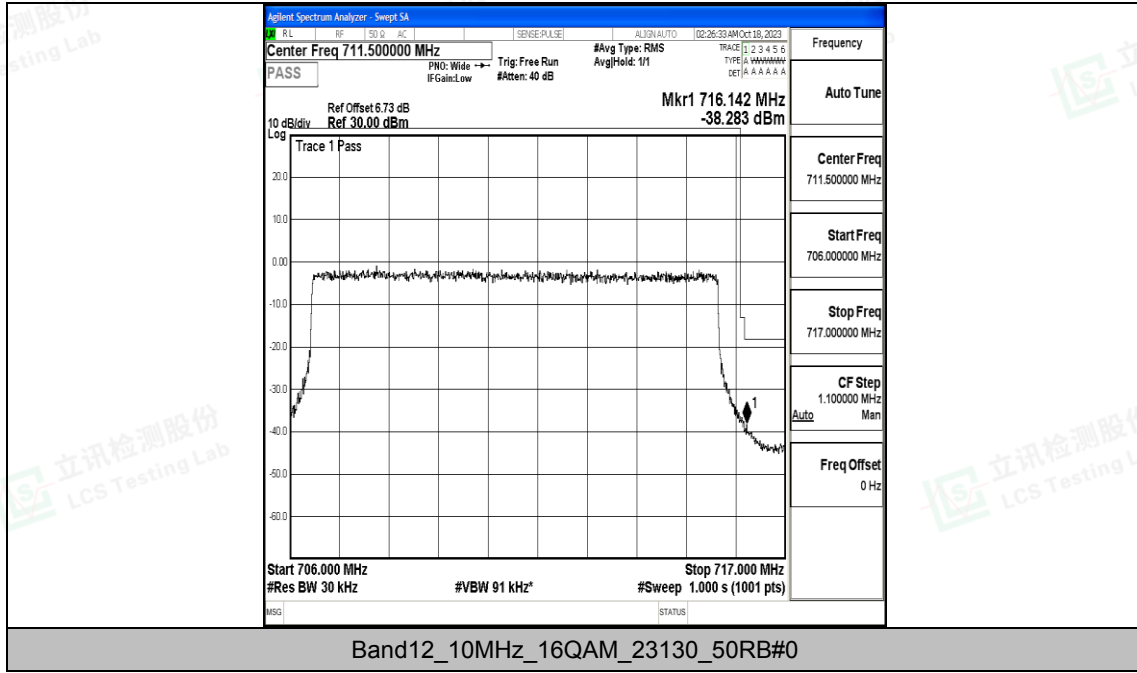
Band12\_10MHz\_16QAM\_23060\_50RB#0



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	-59.11	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	0.15~30	-53.13	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	30~1000	-51.40	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	1000~3000	-46.84	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	3000~10000	-44.43	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	0.009~0.15	-57.37	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	0.15~30	-53.05	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	30~1000	-60.37	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	1000~3000	-46.59	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	3000~10000	-44.67	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	0.009~0.15	-58.31	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	0.15~30	-51.87	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	30~1000	-59.85	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	1000~3000	-44.59	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	3000~10000	-44.52	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	0.009~0.15	-57.81	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	0.15~30	-52.30	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	30~1000	-58.30	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	1000~3000	-43.14	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	3000~10000	-44.63	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	0.009~0.15	-56.90	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	0.15~30	-52.91	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	30~1000	-60.21	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	1000~3000	-41.28	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	3000~10000	-44.57	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	0.009~0.15	-57.26	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	0.15~30	-52.83	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	30~1000	-60.27	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	1000~3000	-40.88	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	3000~10000	-44.35	PASS
Band12	3MHz	QPSK	23025	1RB#0	0.009~0.15	-57.55	PASS
Band12	3MHz	QPSK	23025	1RB#0	0.15~30	-52.45	PASS
Band12	3MHz	QPSK	23025	1RB#0	30~1000	-57.69	PASS
Band12	3MHz	QPSK	23025	1RB#0	1000~3000	-45.57	PASS
Band12	3MHz	QPSK	23025	1RB#0	3000~10000	-44.81	PASS



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



Band12	3MHz	16QAM	23025	1RB#0	0.009~0.15	-57.99	PASS
Band12	3MHz	16QAM	23025	1RB#0	0.15~30	-54.65	PASS
Band12	3MHz	16QAM	23025	1RB#0	30~1000	-58.16	PASS
Band12	3MHz	16QAM	23025	1RB#0	1000~3000	-44.69	PASS
Band12	3MHz	16QAM	23095	1RB#0	0.009~0.15	-58.65	PASS
Band12	3MHz	16QAM	23095	1RB#0	0.15~30	-50.49	PASS
Band12	3MHz	16QAM	23095	1RB#0	1000~3000	-43.87	PASS
Band12	3MHz	16QAM	23095	1RB#0	3000~10000	-44.69	PASS
Band12	3MHz	QPSK	23165	1RB#0	0.009~0.15	-56.51	PASS
Band12	3MHz	QPSK	23165	1RB#0	0.15~30	-53.98	PASS
Band12	3MHz	QPSK	23165	1RB#0	30~1000	-59.24	PASS
Band12	3MHz	QPSK	23165	1RB#0	1000~3000	-45.88	PASS
Band12	3MHz	QPSK	23165	1RB#0	3000~10000	-44.60	PASS
Band12	5MHz	QPSK	23155	1RB#0	3000~10000	-44.73	PASS
Band12	5MHz	16QAM	23155	1RB#0	0.009~0.15	-58.03	PASS
Band12	5MHz	16QAM	23155	1RB#0	0.15~30	-50.19	PASS
Band12	5MHz	16QAM	23155	1RB#0	30~1000	-63.18	PASS
Band12	5MHz	16QAM	23155	1RB#0	1000~3000	-46.31	PASS
Band12	5MHz	16QAM	23155	1RB#0	3000~10000	-44.59	PASS
Band12	5MHz	16QAM	23035	1RB#0	0.15~30	-53.05	PASS
Band12	5MHz	16QAM	23035	1RB#0	30~1000	-63.42	PASS
Band12	5MHz	16QAM	23035	1RB#0	1000~3000	-46.19	PASS
Band12	5MHz	16QAM	23035	1RB#0	3000~10000	-44.81	PASS
Band12	5MHz	QPSK	23095	1RB#0	0.009~0.15	-58.83	PASS
Band12	5MHz	QPSK	23095	1RB#0	0.15~30	-53.55	PASS
Band12	5MHz	QPSK	23095	1RB#0	30~1000	-63.29	PASS
Band12	10MHz	QPSK	23060	1RB#0	0.009~0.15	-57.82	PASS
Band12	10MHz	QPSK	23060	1RB#0	0.15~30	-52.96	PASS
Band12	10MHz	QPSK	23060	1RB#0	30~1000	-63.46	PASS
Band12	10MHz	QPSK	23060	1RB#0	1000~3000	-46.02	PASS
Band12	10MHz	QPSK	23060	1RB#0	3000~10000	-44.66	PASS
Band12	10MHz	16QAM	23060	1RB#0	0.009~0.15	-59.18	PASS
Band12	10MHz	16QAM	23060	1RB#0	0.15~30	-52.45	PASS
Band12	10MHz	16QAM	23060	1RB#0	30~1000	-63.01	PASS
Band12	10MHz	16QAM	23060	1RB#0	1000~3000	-45.98	PASS
Band12	10MHz	16QAM	23060	1RB#0	3000~10000	-44.92	PASS
Band12	10MHz	QPSK	23095	1RB#0	0.009~0.15	-54.58	PASS
Band12	10MHz	QPSK	23095	1RB#0	0.15~30	-52.55	PASS
Band12	10MHz	QPSK	23095	1RB#0	30~1000	-63.07	PASS
Band12	10MHz	QPSK	23095	1RB#0	1000~3000	-43.50	PASS





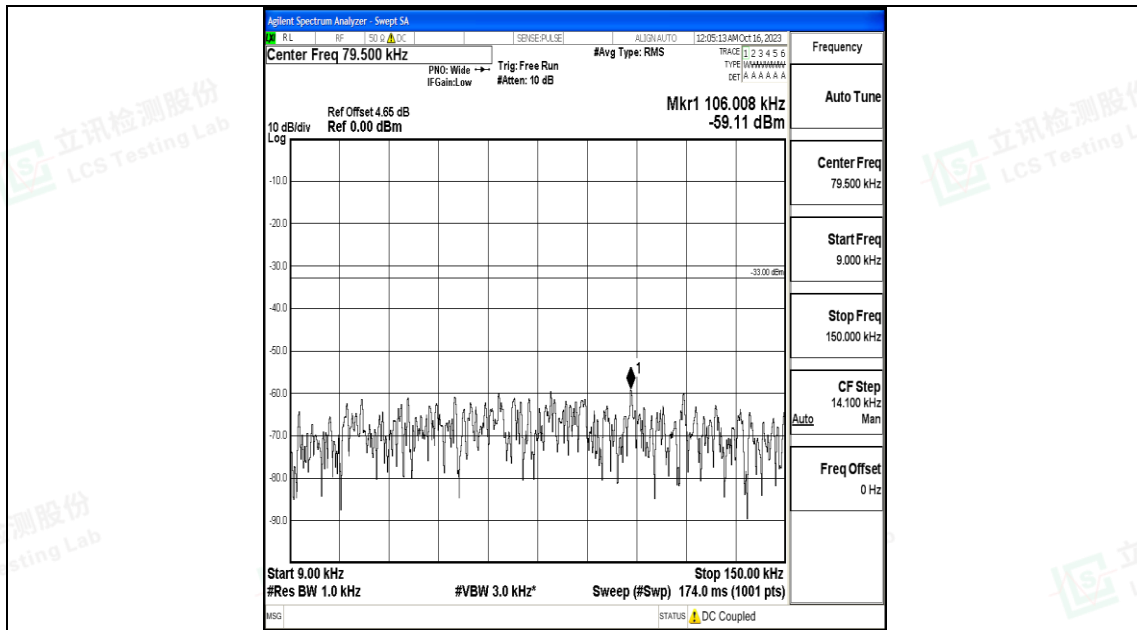
Band12	10MHz	QPSK	23095	1RB#0	3000~10000	-44.56	PASS
Band12	10MHz	16QAM	23095	1RB#0	0.009~0.15	-56.31	PASS
Band12	10MHz	16QAM	23095	1RB#0	0.15~30	-54.84	PASS
Band12	10MHz	16QAM	23095	1RB#0	30~1000	-62.73	PASS
Band12	10MHz	16QAM	23095	1RB#0	1000~3000	-42.55	PASS
Band12	10MHz	16QAM	23095	1RB#0	3000~10000	-44.15	PASS
Band12	10MHz	QPSK	23130	1RB#0	0.009~0.15	-56.61	PASS
Band12	10MHz	QPSK	23130	1RB#0	0.15~30	-53.88	PASS
Band12	10MHz	QPSK	23130	1RB#0	30~1000	-63.23	PASS
Band12	10MHz	QPSK	23130	1RB#0	1000~3000	-43.90	PASS
Band12	10MHz	QPSK	23130	1RB#0	3000~10000	-43.96	PASS
Band12	10MHz	16QAM	23130	1RB#0	0.009~0.15	-57.67	PASS
Band12	10MHz	16QAM	23130	1RB#0	0.15~30	-53.20	PASS
Band12	10MHz	16QAM	23130	1RB#0	30~1000	-63.20	PASS
Band12	10MHz	16QAM	23130	1RB#0	1000~3000	-42.98	PASS
Band12	10MHz	16QAM	23130	1RB#0	3000~10000	-44.87	PASS
Band12	3MHz	16QAM	23025	1RB#0	3000~10000	-44.04	PASS
Band12	3MHz	QPSK	23095	1RB#0	0.009~0.15	-56.50	PASS
Band12	3MHz	QPSK	23095	1RB#0	0.15~30	-52.11	PASS
Band12	3MHz	QPSK	23095	1RB#0	30~1000	-58.91	PASS
Band12	3MHz	QPSK	23095	1RB#0	1000~3000	-44.06	PASS
Band12	3MHz	QPSK	23095	1RB#0	3000~10000	-44.28	PASS
Band12	3MHz	16QAM	23095	1RB#0	30~1000	-58.96	PASS
Band12	3MHz	16QAM	23165	1RB#0	0.009~0.15	-56.01	PASS
Band12	3MHz	16QAM	23165	1RB#0	0.15~30	-53.33	PASS
Band12	3MHz	16QAM	23165	1RB#0	30~1000	-59.80	PASS
Band12	3MHz	16QAM	23165	1RB#0	1000~3000	-44.44	PASS
Band12	3MHz	16QAM	23165	1RB#0	3000~10000	-44.27	PASS
Band12	5MHz	QPSK	23035	1RB#0	0.009~0.15	-58.29	PASS
Band12	5MHz	QPSK	23035	1RB#0	0.15~30	-52.72	PASS
Band12	5MHz	QPSK	23035	1RB#0	30~1000	-62.80	PASS
Band12	5MHz	QPSK	23035	1RB#0	1000~3000	-45.99	PASS
Band12	5MHz	QPSK	23035	1RB#0	3000~10000	-44.78	PASS
Band12	5MHz	16QAM	23035	1RB#0	0.009~0.15	-60.27	PASS
Band12	5MHz	QPSK	23095	1RB#0	1000~3000	-44.84	PASS
Band12	5MHz	QPSK	23095	1RB#0	3000~10000	-44.74	PASS
Band12	5MHz	16QAM	23095	1RB#0	0.009~0.15	-58.67	PASS
Band12	5MHz	16QAM	23095	1RB#0	0.15~30	-52.49	PASS
Band12	5MHz	16QAM	23095	1RB#0	30~1000	-63.43	PASS
Band12	5MHz	16QAM	23095	1RB#0	1000~3000	-43.73	PASS



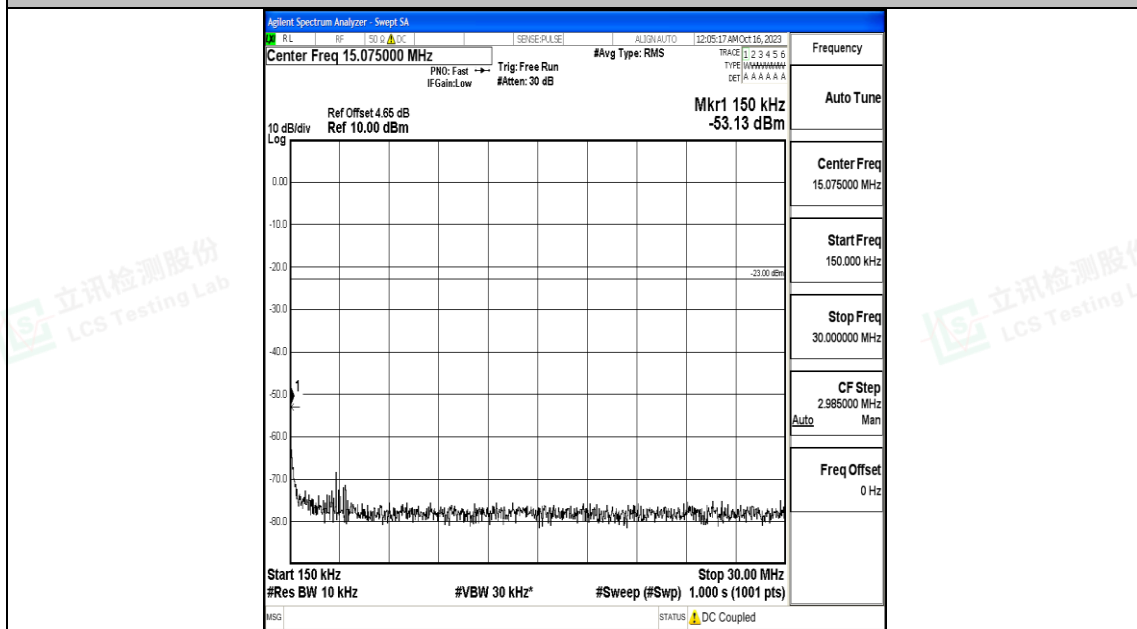


Band12	5MHz	16QAM	23095	1RB#0	3000~10000	-44.68	PASS
Band12	5MHz	QPSK	23155	1RB#0	0.009~0.15	-56.58	PASS
Band12	5MHz	QPSK	23155	1RB#0	0.15~30	-55.00	PASS
Band12	5MHz	QPSK	23155	1RB#0	30~1000	-63.15	PASS
Band12	5MHz	QPSK	23155	1RB#0	1000~3000	-45.31	PASS

### Test Graphs

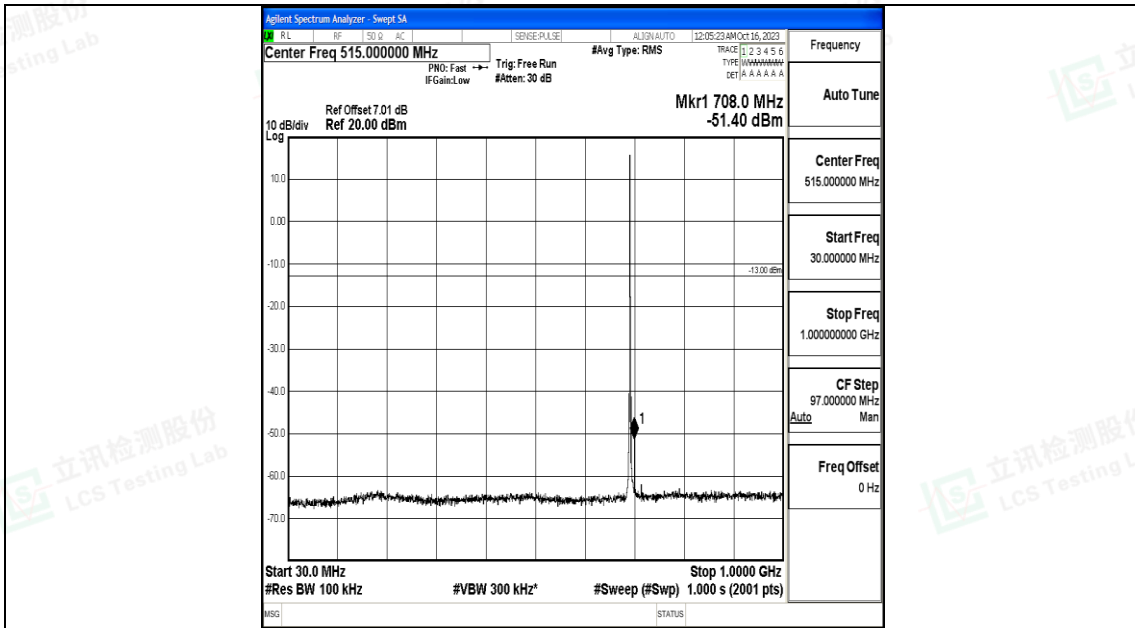


Band12\_1.4MHz\_QPSK\_23017\_1RB#0\_0.009~0.15\_0.009~0.15

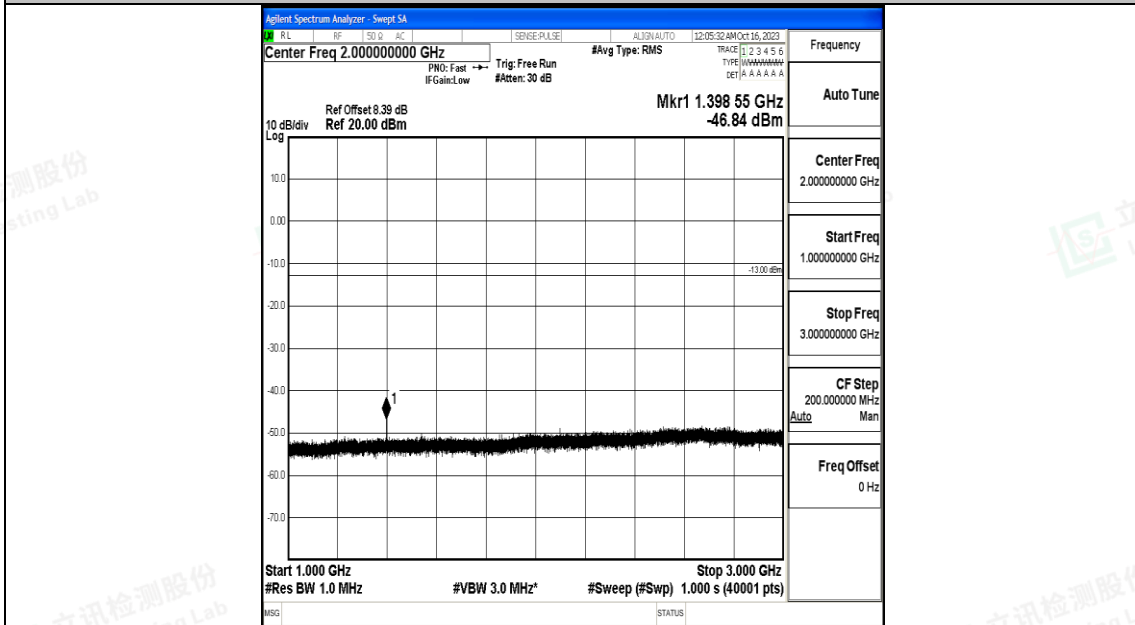


Band12\_1.4MHz\_QPSK\_23017\_1RB#0\_0.15~30\_0.15~30



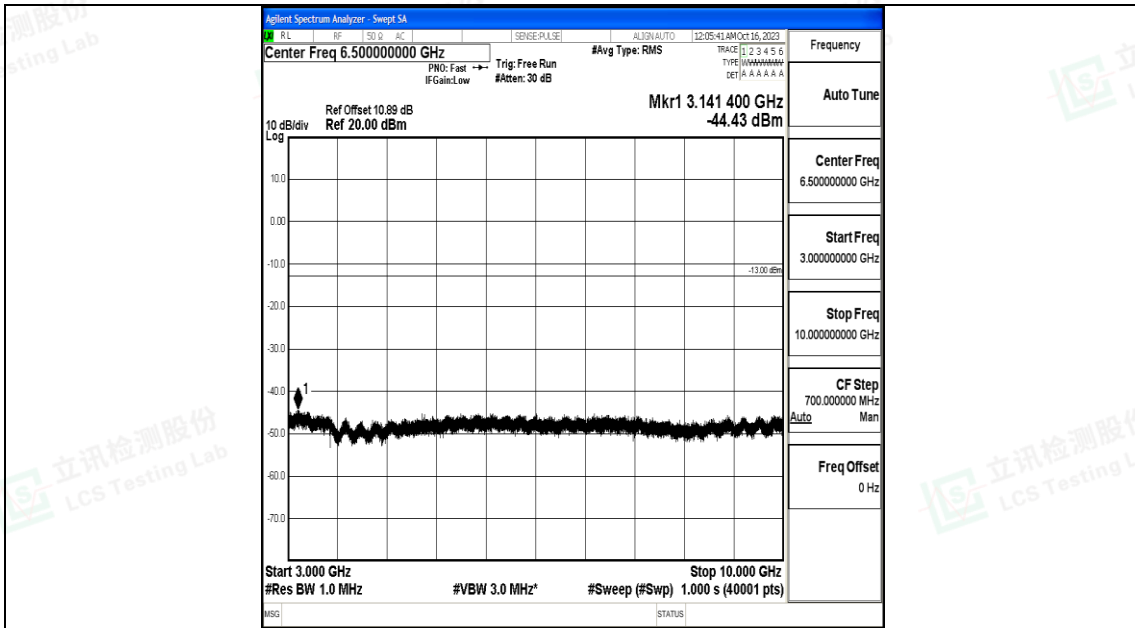


Band12\_1.4MHz\_QPSK\_23017\_1RB#0\_30~1000\_30~1000

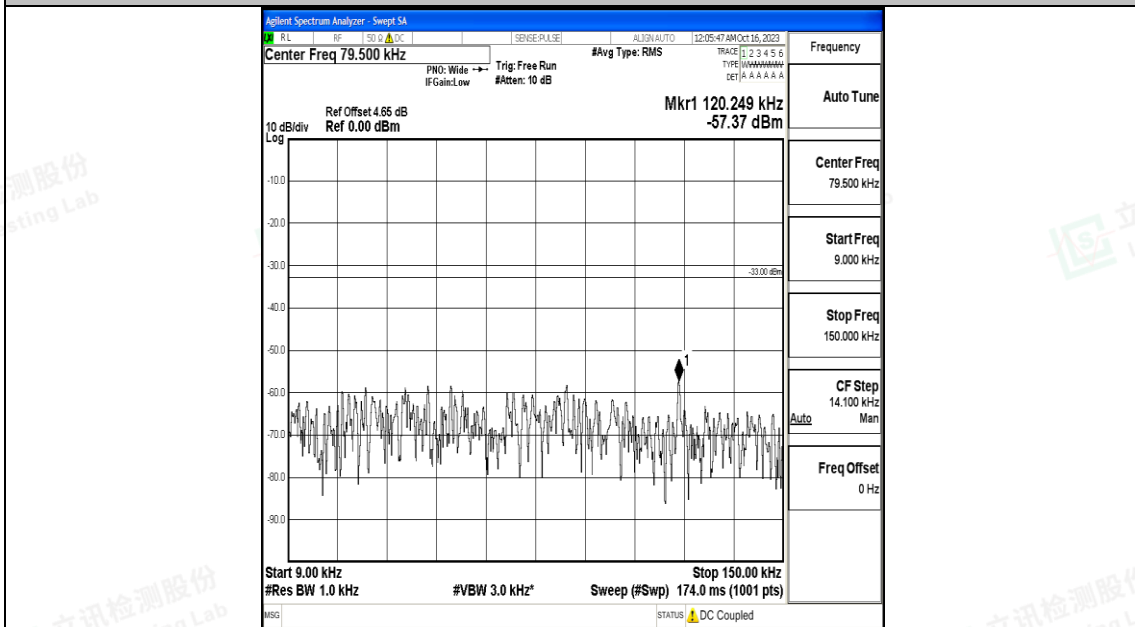


Band12\_1.4MHz\_QPSK\_23017\_1RB#0\_1000~3000\_1000~3000



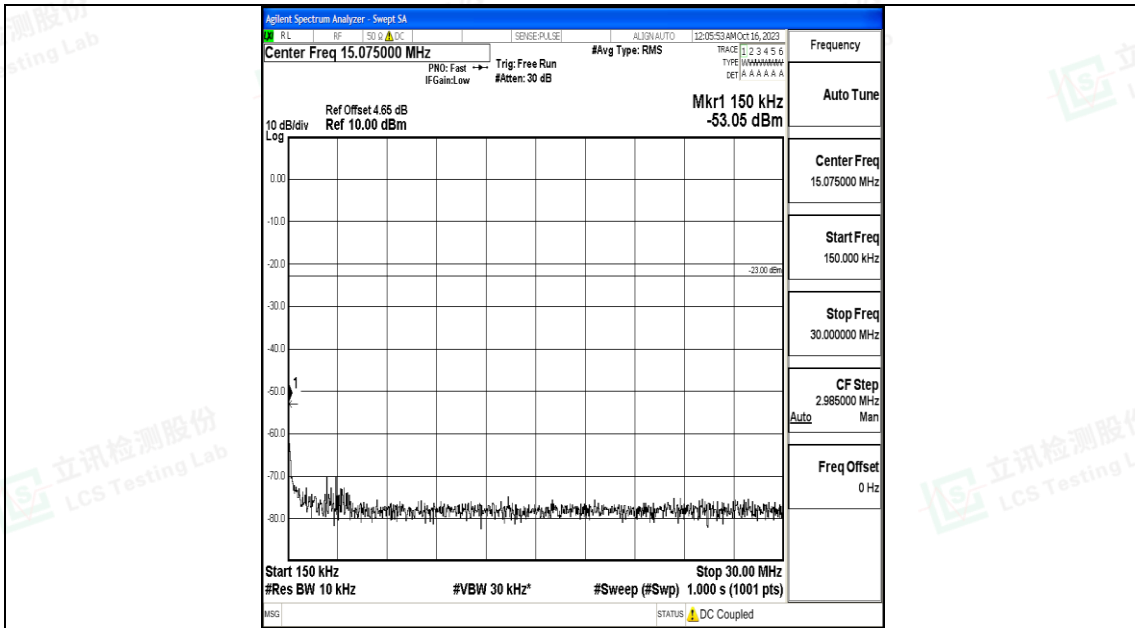


Band12\_1.4MHz\_QPSK\_23017\_1RB#0\_3000~10000\_3000~10000

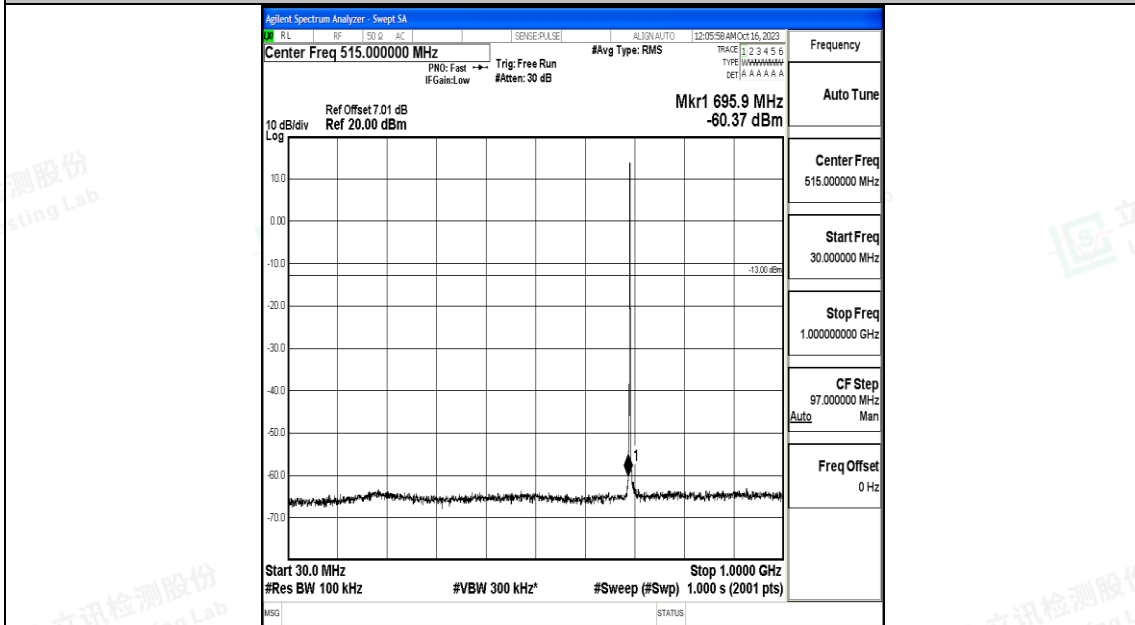


Band12\_1.4MHz\_16QAM\_23017\_1RB#0\_0.009~0.15\_0.009~0.15





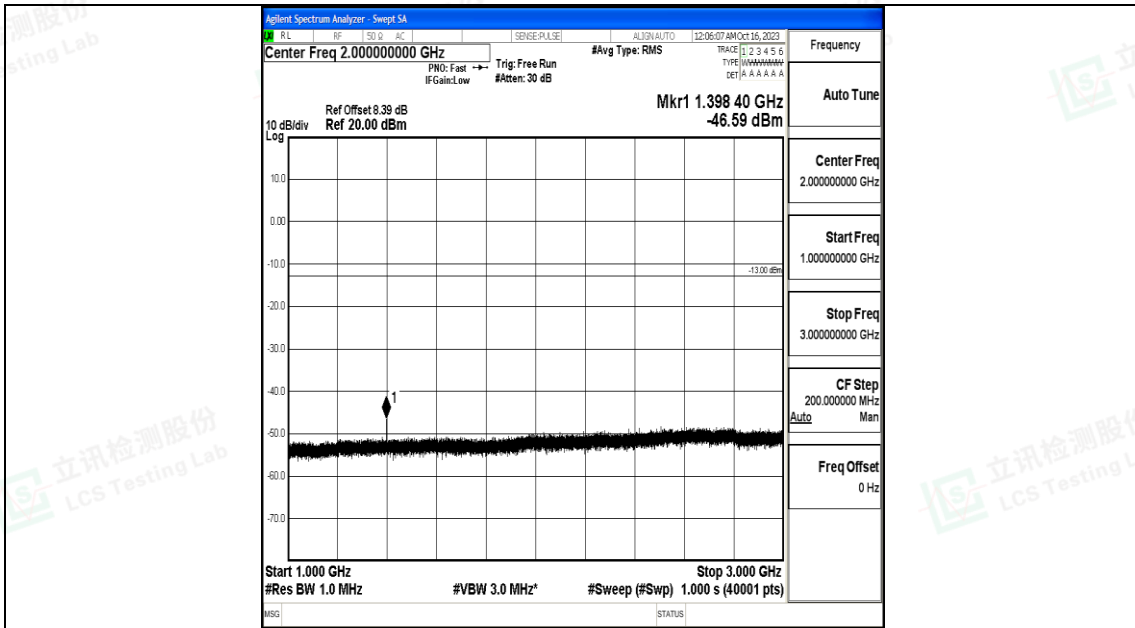
Band12\_1.4MHz\_16QAM\_23017\_1RB#0\_0.15~30\_0.15~30



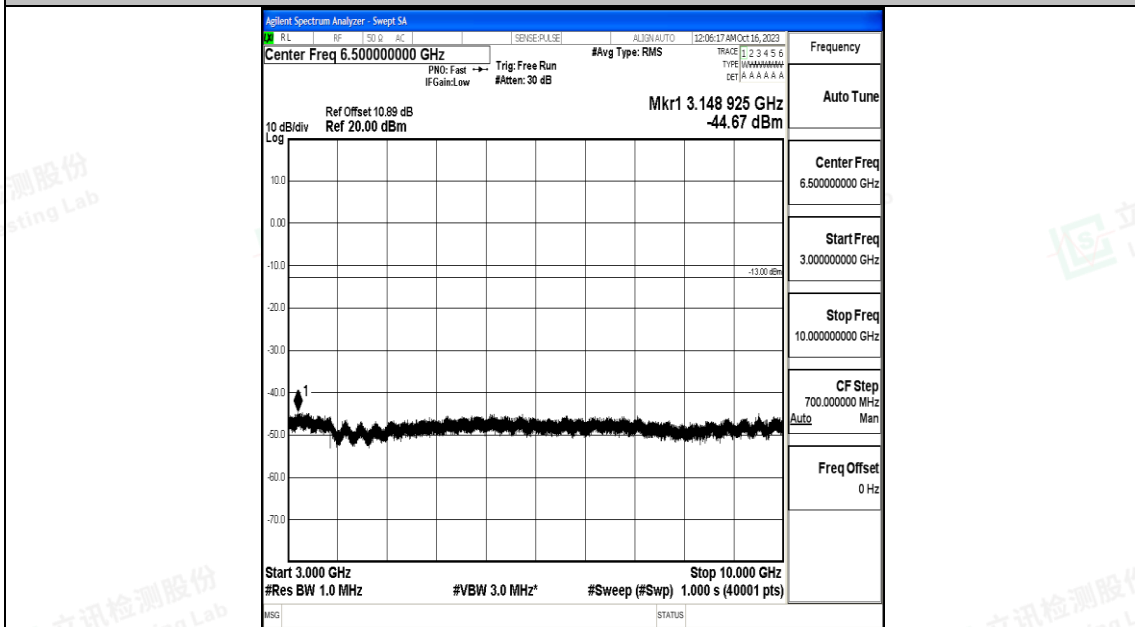
Band12\_1.4MHz\_16QAM\_23017\_1RB#0\_30~1000\_30~1000





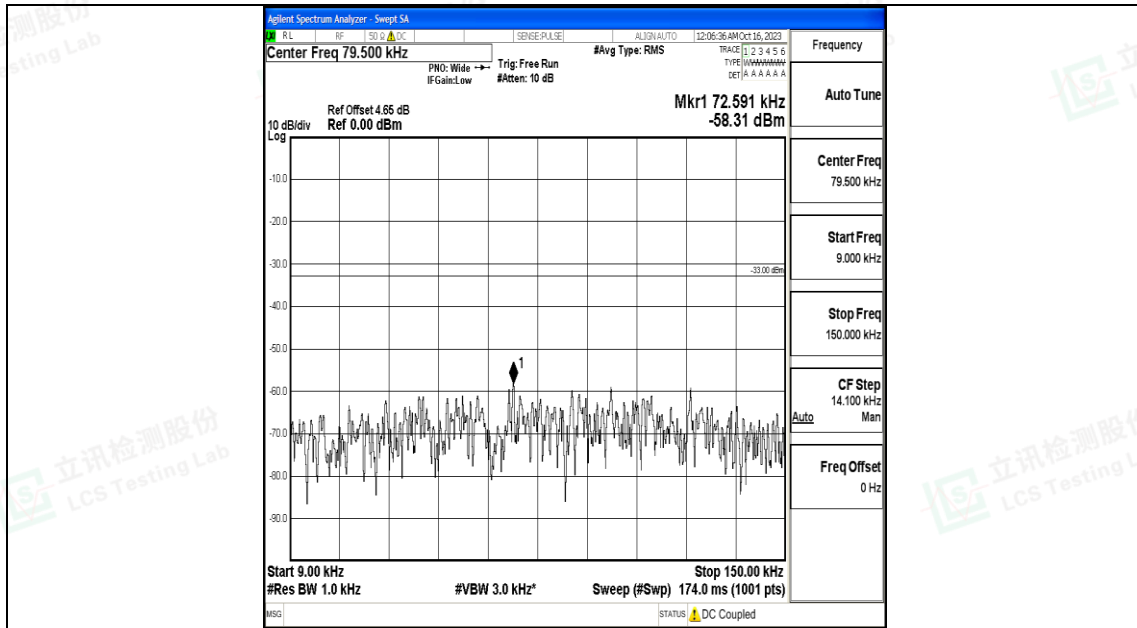


Band12\_1.4MHz\_16QAM\_23017\_1RB#0\_1000~3000\_1000~3000

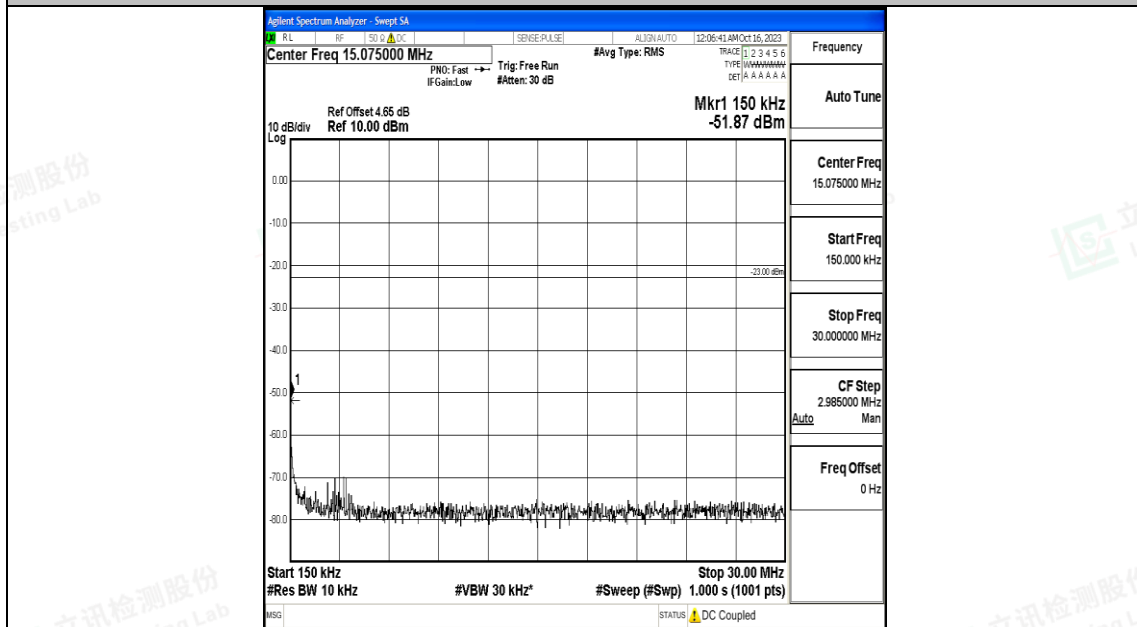


Band12\_1.4MHz\_16QAM\_23017\_1RB#0\_3000~10000\_3000~10000



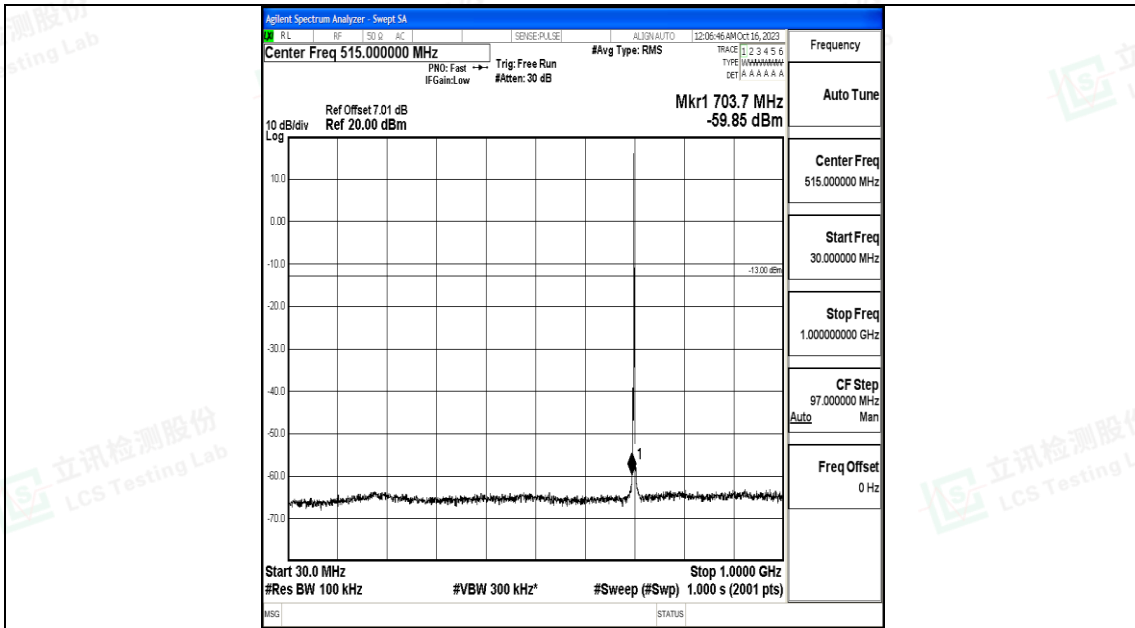


Band12\_1.4MHz\_QPSK\_23095\_1RB#0\_0.009~0.15\_0.009~0.15

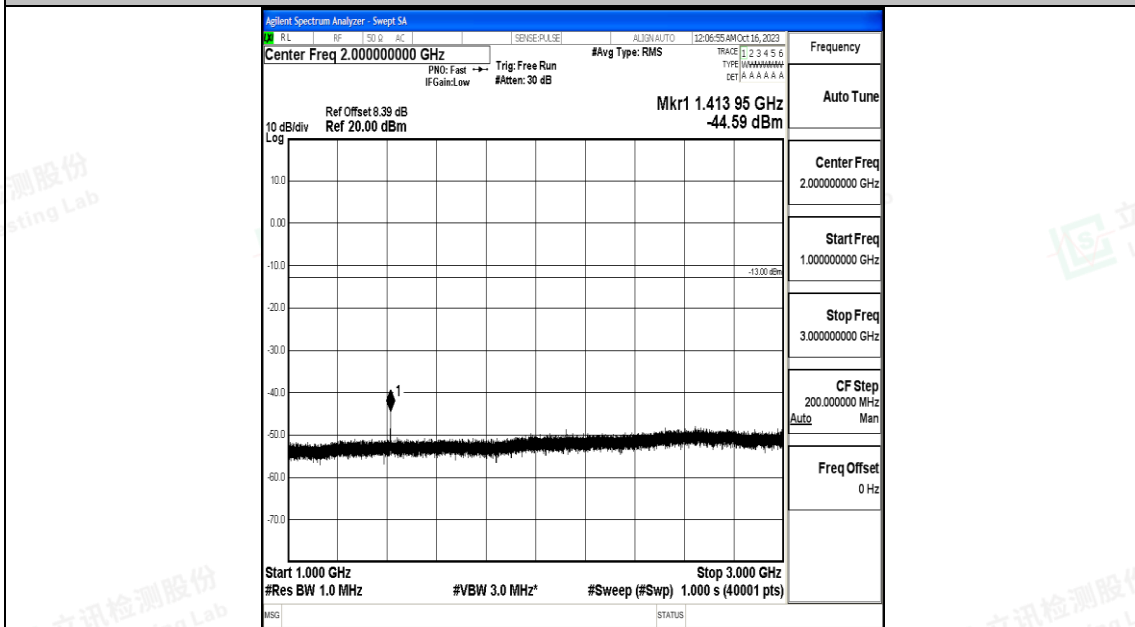


Band12\_1.4MHz\_QPSK\_23095\_1RB#0\_0.15~30\_0.15~30



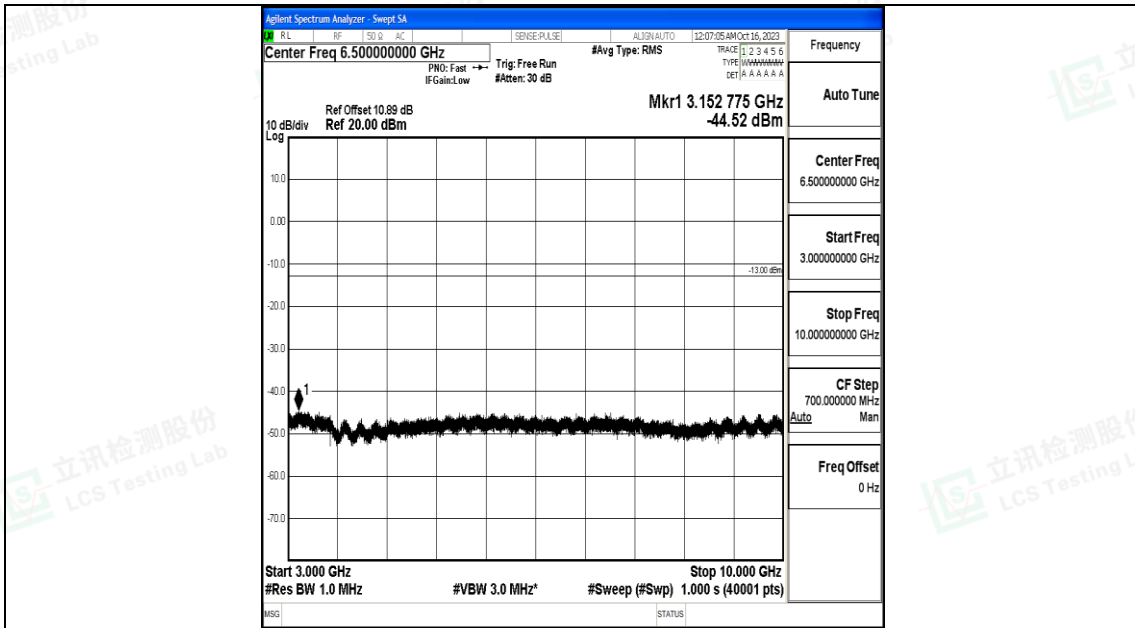


Band12\_1.4MHz\_QPSK\_23095\_1RB#0\_30~1000\_30~1000

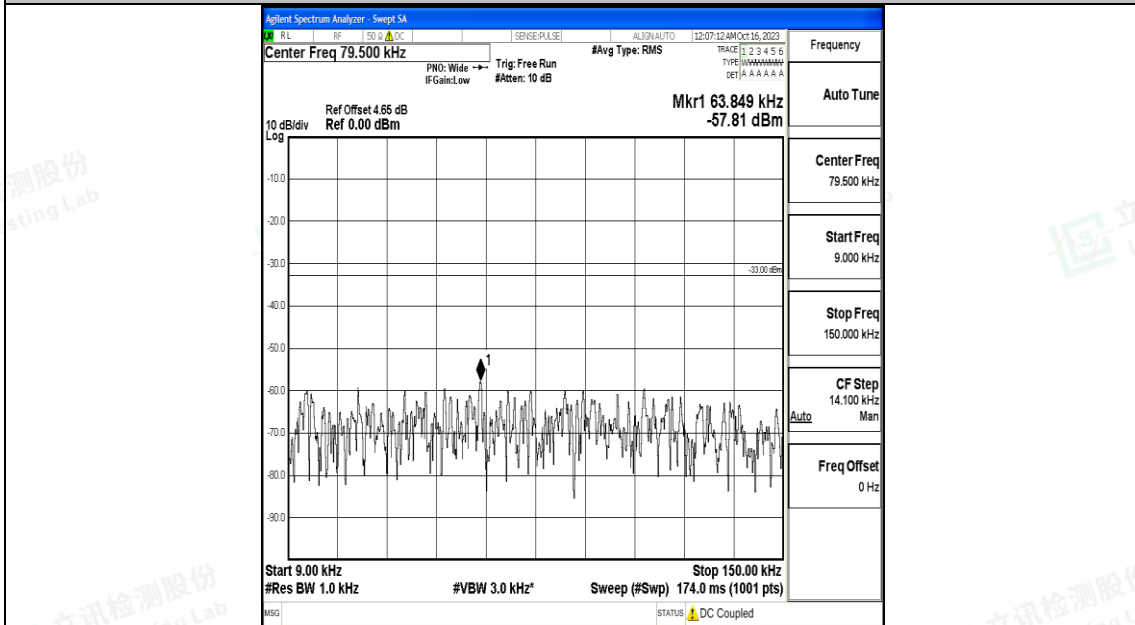


Band12\_1.4MHz\_QPSK\_23095\_1RB#0\_1000~3000\_1000~3000



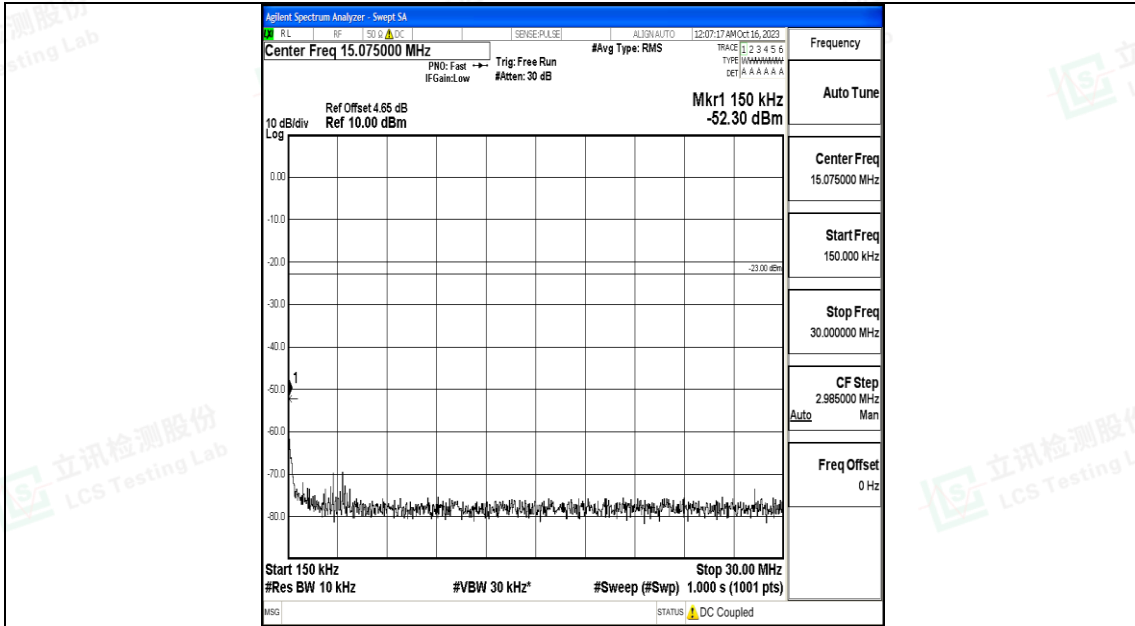


Band12\_1.4MHz\_QPSK\_23095\_1RB#0\_3000~10000\_3000~10000

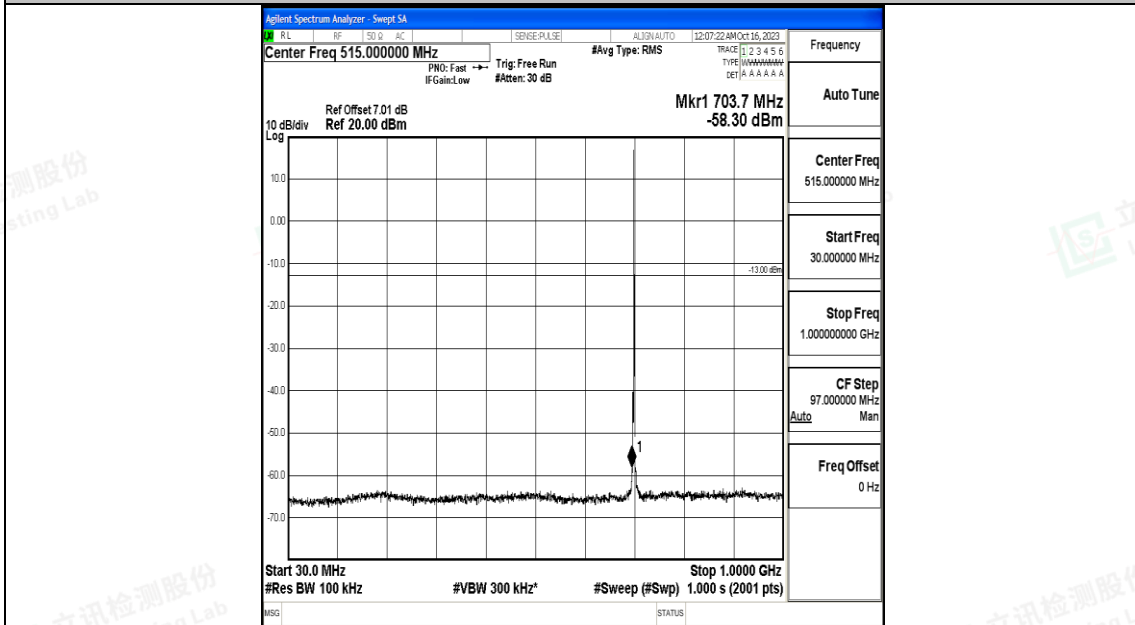


Band12\_1.4MHz\_16QAM\_23095\_1RB#0\_0.009~0.15\_0.009~0.15





Band12\_1.4MHz\_16QAM\_23095\_1RB#0\_0.15~30\_0.15~30



Band12\_1.4MHz\_16QAM\_23095\_1RB#0\_30~1000\_30~1000

