



Appendix H: Test Data for E-UTRA Band 17

Product Name: 8 inch LTE Tablet

Test Model: G800

Environmental Conditions

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





H.1 Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band17	5MHz	QPSK	23755	1RB#0	22.43	PASS
Band17	5MHz	QPSK	23755	1RB#12	22.32	PASS
Band17	5MHz	QPSK	23755	1RB#24	22.22	PASS
Band17	5MHz	QPSK	23755	12RB#0	21.25	PASS
Band17	5MHz	QPSK	23755	12RB#6	21.15	PASS
Band17	5MHz	QPSK	23755	12RB#13	20.95	PASS
Band17	5MHz	QPSK	23755	25RB#0	20.98	PASS
Band17	5MHz	QPSK	23790	1RB#0	22.17	PASS
Band17	5MHz	QPSK	23790	1RB#12	22.13	PASS
Band17	5MHz	QPSK	23790	1RB#24	22.05	PASS
Band17	5MHz	QPSK	23790	12RB#0	21.03	PASS
Band17	5MHz	QPSK	23790	12RB#6	21.04	PASS
Band17	5MHz	QPSK	23790	12RB#13	20.98	PASS
Band17	5MHz	QPSK	23790	25RB#0	21.22	PASS
Band17	5MHz	QPSK	23825	1RB#0	21.96	PASS
Band17	5MHz	QPSK	23825	1RB#12	22.00	PASS
Band17	5MHz	QPSK	23825	1RB#24	22.01	PASS
Band17	5MHz	QPSK	23825	12RB#0	21.08	PASS
Band17	5MHz	QPSK	23825	12RB#6	21.08	PASS
Band17	5MHz	QPSK	23825	12RB#13	21.10	PASS
Band17	5MHz	QPSK	23825	25RB#0	20.84	PASS
Band17	5MHz	16QAM	23755	1RB#0	20.41	PASS
Band17	5MHz	16QAM	23755	1RB#12	20.55	PASS
Band17	5MHz	16QAM	23755	1RB#24	20.33	PASS
Band17	5MHz	16QAM	23755	12RB#0	20.09	PASS
Band17	5MHz	16QAM	23755	12RB#6	20.11	PASS
Band17	5MHz	16QAM	23755	12RB#13	20.06	PASS
Band17	5MHz	16QAM	23755	25RB#0	20.20	PASS
Band17	5MHz	16QAM	23790	1RB#0	20.64	PASS
Band17	5MHz	16QAM	23790	1RB#12	20.60	PASS





Band17	5MHz	16QAM	23790	1RB#24	20.61	PASS
Band17	5MHz	16QAM	23790	12RB#0	19.94	PASS
Band17	5MHz	16QAM	23790	12RB#6	19.91	PASS
Band17	5MHz	16QAM	23790	12RB#13	20.29	PASS
Band17	5MHz	16QAM	23790	25RB#0	20.17	PASS
Band17	5MHz	16QAM	23825	1RB#0	20.61	PASS
Band17	5MHz	16QAM	23825	1RB#12	20.52	PASS
Band17	5MHz	16QAM	23825	1RB#24	20.52	PASS
Band17	5MHz	16QAM	23825	12RB#0	20.41	PASS
Band17	5MHz	16QAM	23825	12RB#6	20.33	PASS
Band17	5MHz	16QAM	23825	12RB#13	19.81	PASS
Band17	5MHz	16QAM	23825	25RB#0	19.94	PASS
Band17	10MHz	QPSK	23780	1RB#0	22.17	PASS
Band17	10MHz	QPSK	23780	1RB#24	22.08	PASS
Band17	10MHz	QPSK	23780	1RB#49	22.08	PASS
Band17	10MHz	QPSK	23780	25RB#0	21.09	PASS
Band17	10MHz	QPSK	23780	25RB#12	21.18	PASS
Band17	10MHz	QPSK	23780	25RB#25	21.21	PASS
Band17	10MHz	QPSK	23780	50RB#0	21.05	PASS
Band17	10MHz	QPSK	23790	1RB#0	22.11	PASS
Band17	10MHz	QPSK	23790	1RB#24	22.13	PASS
Band17	10MHz	QPSK	23790	1RB#49	22.14	PASS
Band17	10MHz	QPSK	23790	25RB#0	21.21	PASS
Band17	10MHz	QPSK	23790	25RB#12	21.24	PASS
Band17	10MHz	QPSK	23790	25RB#25	21.09	PASS
Band17	10MHz	QPSK	23790	50RB#0	21.14	PASS
Band17	10MHz	QPSK	23800	1RB#0	22.03	PASS
Band17	10MHz	QPSK	23800	1RB#24	22.00	PASS
Band17	10MHz	QPSK	23800	1RB#49	22.04	PASS
Band17	10MHz	QPSK	23800	25RB#0	21.09	PASS
Band17	10MHz	QPSK	23800	25RB#12	20.99	PASS
Band17	10MHz	QPSK	23800	25RB#25	20.87	PASS
Band17	10MHz	QPSK	23800	50RB#0	21.04	PASS
Band17	10MHz	16QAM	23780	1RB#0	20.53	PASS
Band17	10MHz	16QAM	23780	1RB#24	20.40	PASS





Band17	10MHz	16QAM	23780	1RB#49	20.33	PASS
Band17	10MHz	16QAM	23780	25RB#0	20.19	PASS
Band17	10MHz	16QAM	23780	25RB#12	20.19	PASS
Band17	10MHz	16QAM	23780	25RB#25	20.50	PASS
Band17	10MHz	16QAM	23780	50RB#0	20.02	PASS
Band17	10MHz	16QAM	23790	1RB#0	20.94	PASS
Band17	10MHz	16QAM	23790	1RB#24	20.84	PASS
Band17	10MHz	16QAM	23790	1RB#49	20.82	PASS
Band17	10MHz	16QAM	23790	25RB#0	20.18	PASS
Band17	10MHz	16QAM	23790	25RB#12	20.18	PASS
Band17	10MHz	16QAM	23790	25RB#25	20.48	PASS
Band17	10MHz	16QAM	23790	50RB#0	20.47	PASS
Band17	10MHz	16QAM	23800	1RB#0	20.66	PASS
Band17	10MHz	16QAM	23800	1RB#24	20.60	PASS
Band17	10MHz	16QAM	23800	1RB#49	20.65	PASS
Band17	10MHz	16QAM	23800	25RB#0	19.98	PASS
Band17	10MHz	16QAM	23800	25RB#12	19.92	PASS
Band17	10MHz	16QAM	23800	25RB#25	19.92	PASS
Band17	10MHz	16QAM	23800	50RB#0	20.46	PASS





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

Test Result

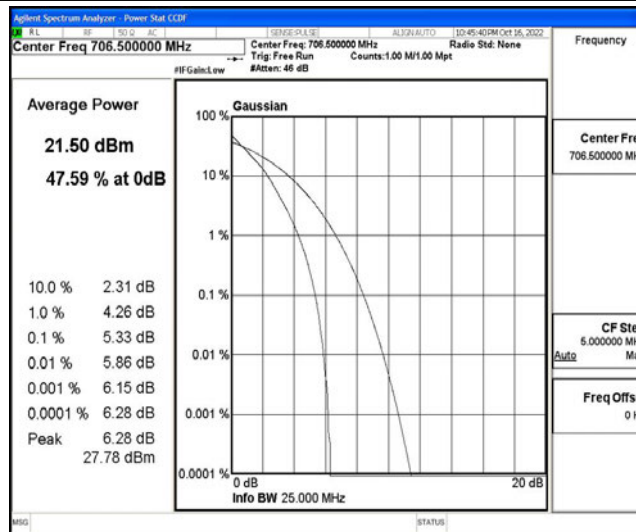
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band17	5MHz	QPSK	23755	25RB#0	5.33	13	PASS
Band17	5MHz	QPSK	23790	25RB#0	5.50	13	PASS
Band17	5MHz	QPSK	23825	25RB#0	5.20	13	PASS
Band17	5MHz	16QAM	23755	25RB#0	6.05	13	PASS
Band17	5MHz	16QAM	23790	25RB#0	6.15	13	PASS
Band17	5MHz	16QAM	23825	25RB#0	5.98	13	PASS
Band17	10MHz	QPSK	23780	50RB#0	5.53	13	PASS
Band17	10MHz	QPSK	23790	50RB#0	5.47	13	PASS
Band17	10MHz	QPSK	23800	50RB#0	5.40	13	PASS
Band17	10MHz	16QAM	23780	50RB#0	6.24	13	PASS
Band17	10MHz	16QAM	23790	50RB#0	6.15	13	PASS
Band17	10MHz	16QAM	23800	50RB#0	6.10	13	PASS



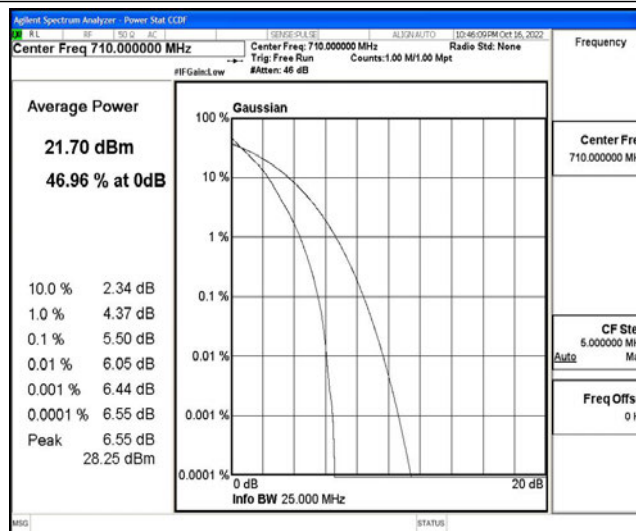


Test Graphs

Band17-5MHz-QPSK-23755-25RB#0

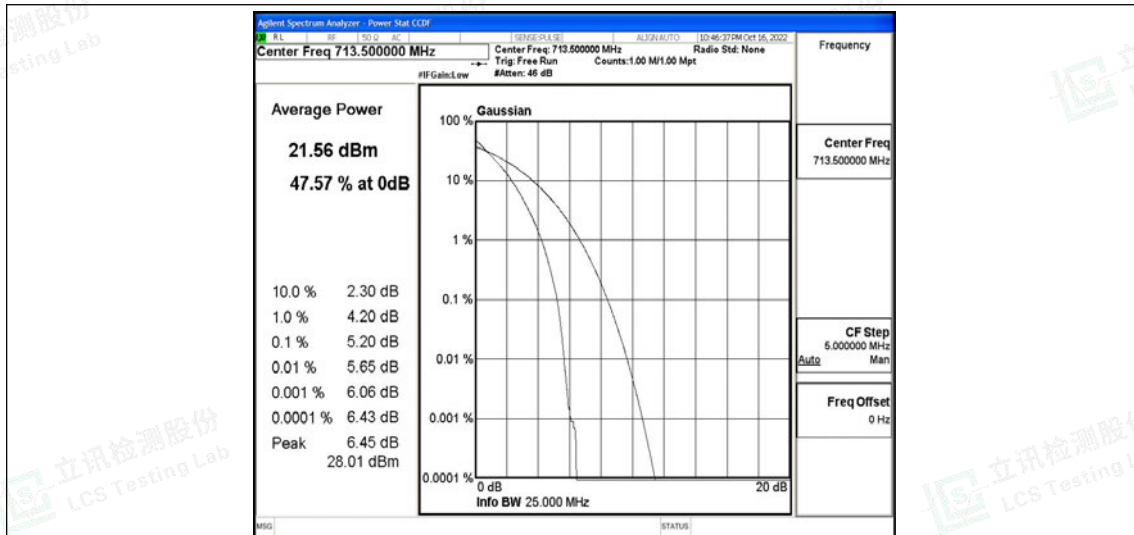


Band17-5MHz-QPSK-23790-25RB#0

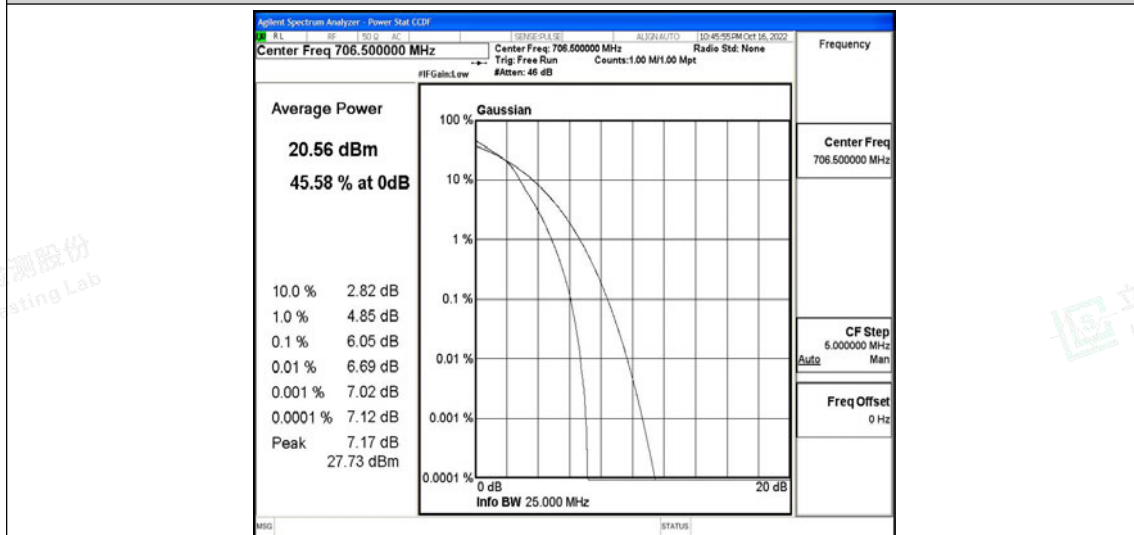


Band17-5MHz-QPSK-23825-25RB#0

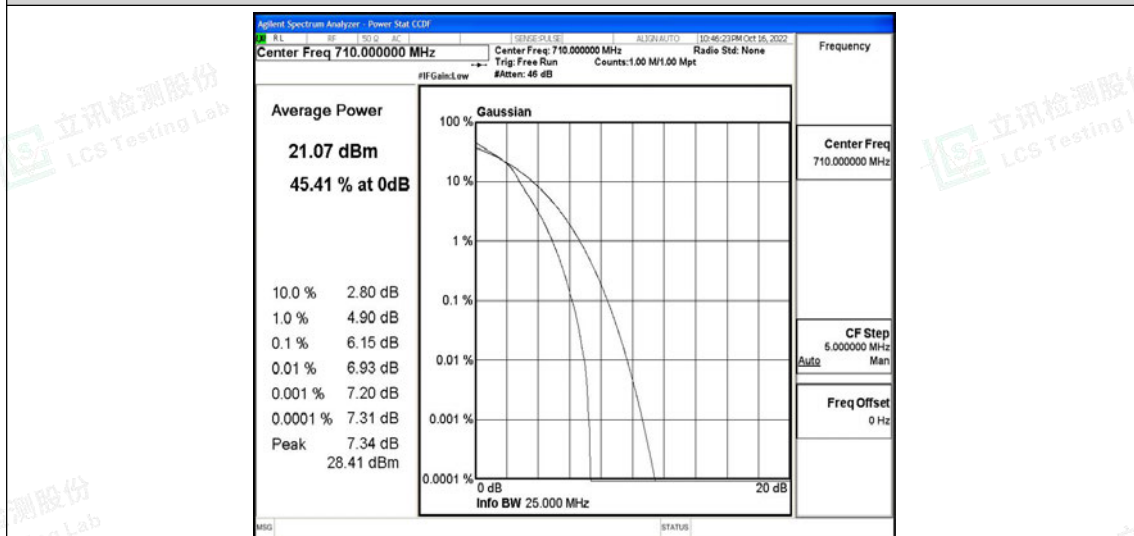




Band17-5MHz-16QAM-23755-25RB#0

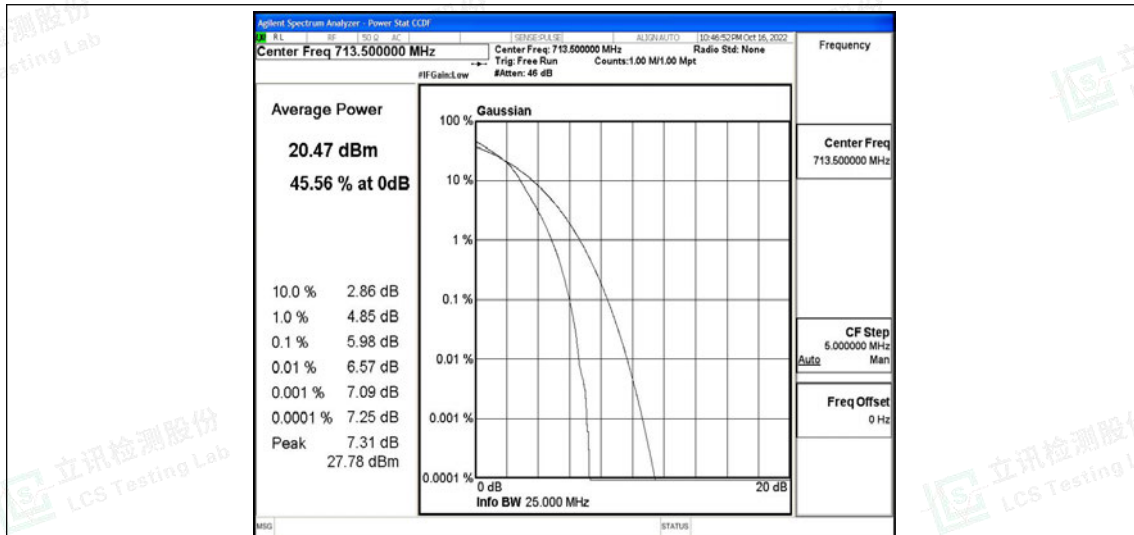


Band17-5MHz-16QAM-23790-25RB#0

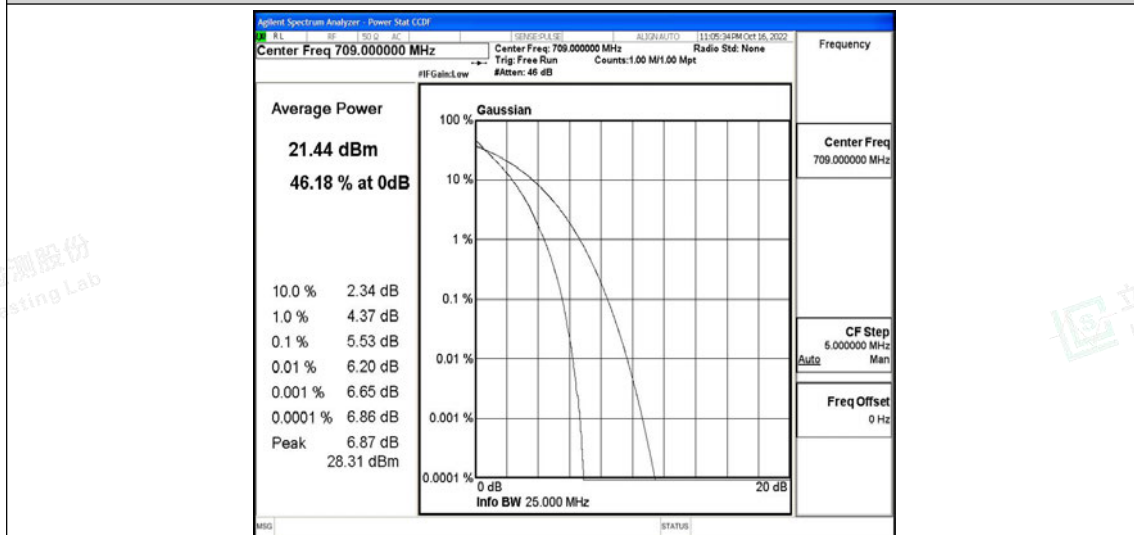


Band17-5MHz-16QAM-23825-25RB#0

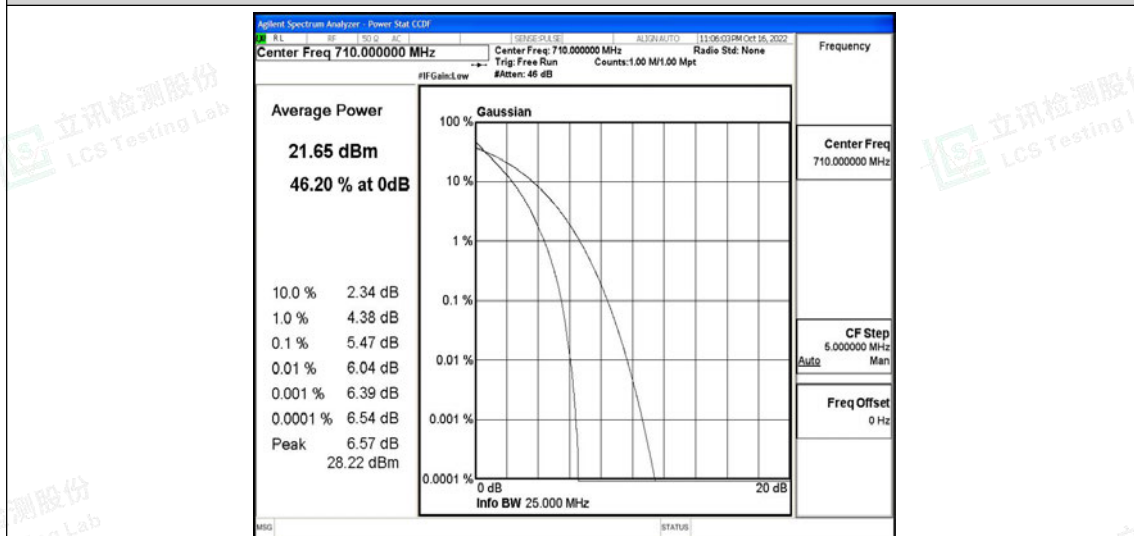




Band17-10MHz-QPSK-23780-50RB#0

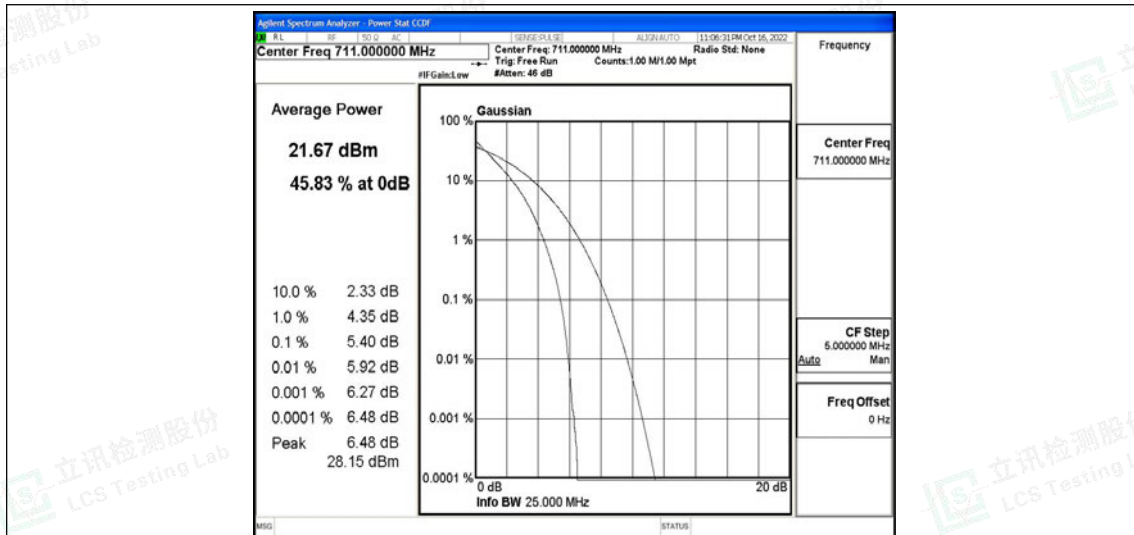


Band17-10MHz-QPSK-23790-50RB#0

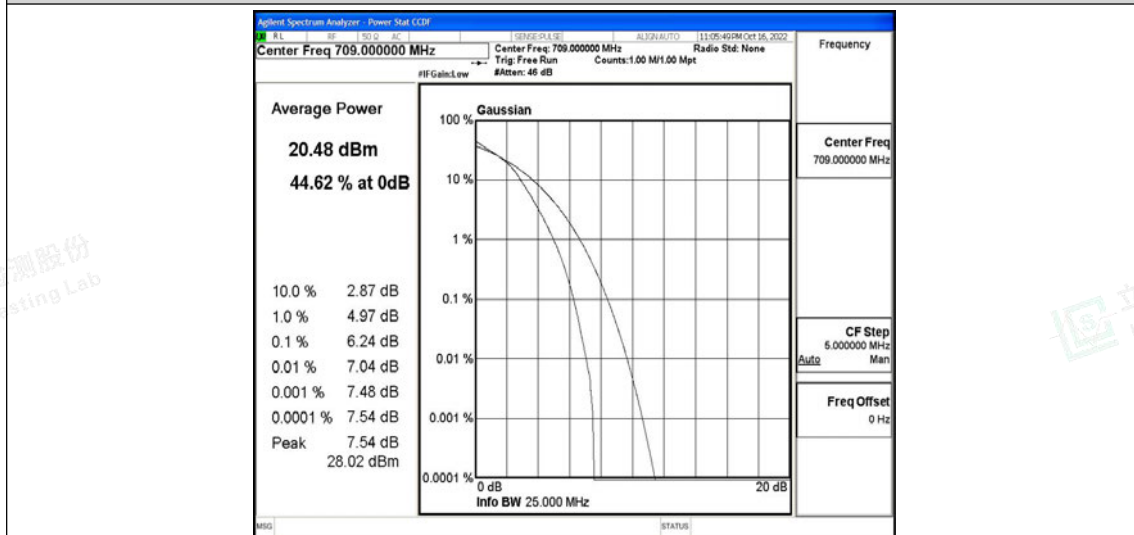


Band17-10MHz-QPSK-23800-50RB#0

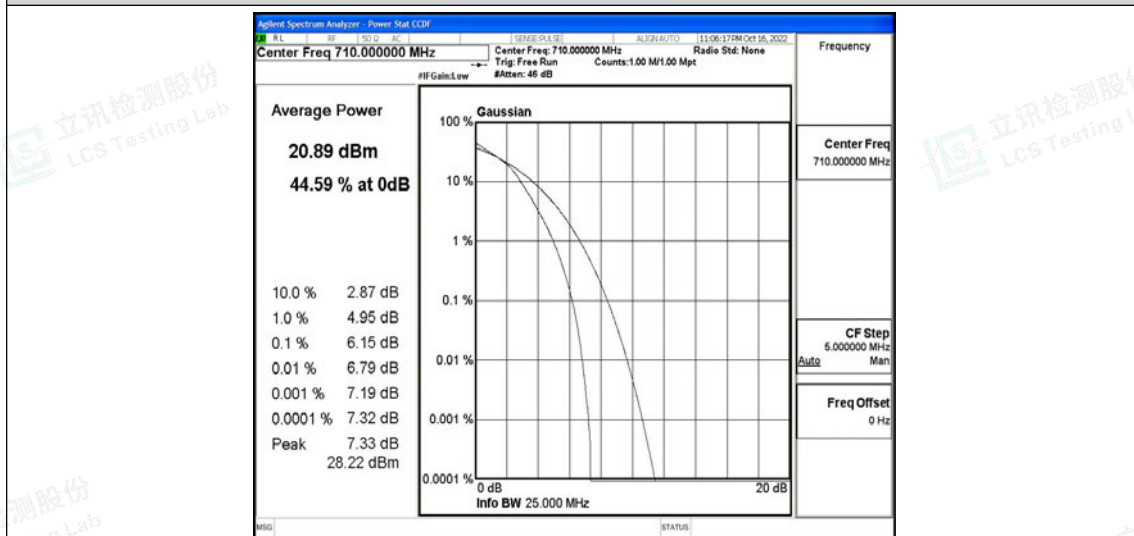




Band17-10MHz-16QAM-23780-50RB#0

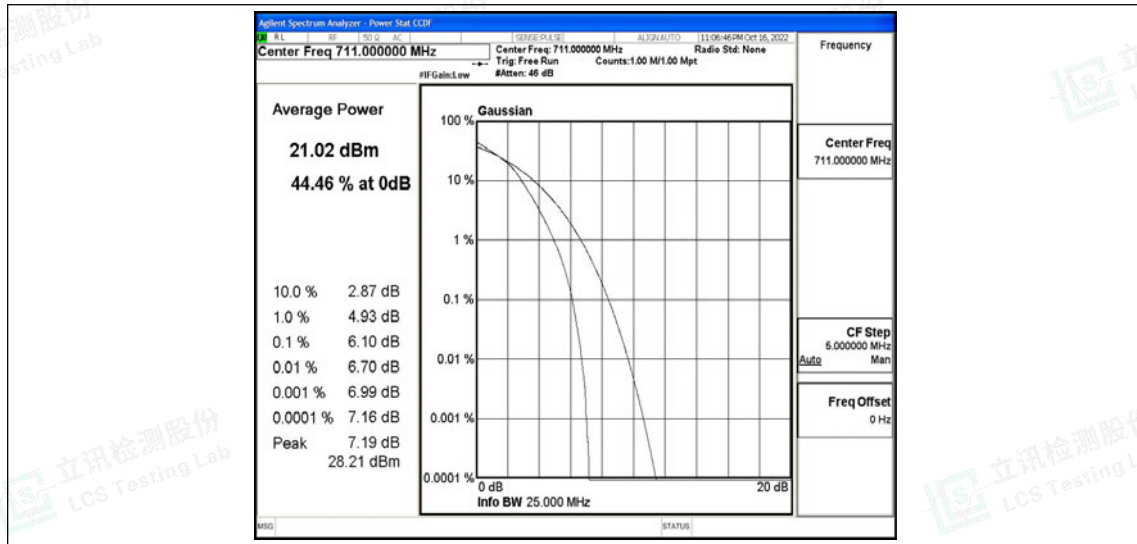


Band17-10MHz-16QAM-23790-50RB#0



Band17-10MHz-16QAM-23800-50RB#0







H.3 26dB Bandwidth and Occupied Bandwidth

Test Result

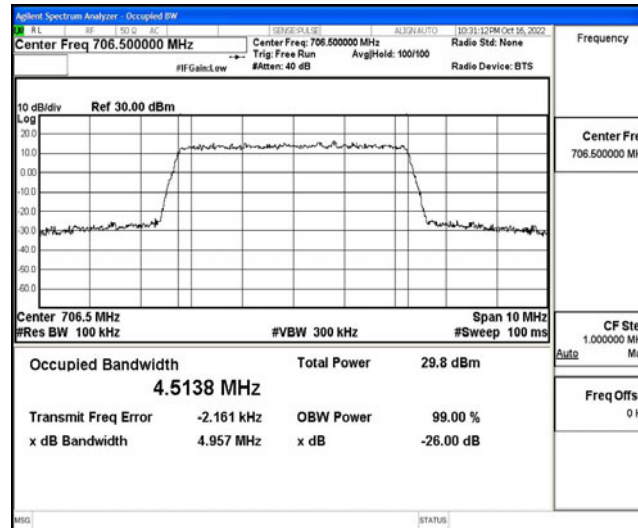
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band17	5MHz	QPSK	23755	25RB#0	4.5138	4.957	PASS
Band17	5MHz	QPSK	23790	25RB#0	4.5046	4.993	PASS
Band17	5MHz	QPSK	23825	25RB#0	4.5107	4.955	PASS
Band17	5MHz	16QAM	23755	25RB#0	4.4902	4.934	PASS
Band17	5MHz	16QAM	23790	25RB#0	4.5137	4.976	PASS
Band17	5MHz	16QAM	23825	25RB#0	4.5053	4.981	PASS
Band17	10MHz	QPSK	23780	50RB#0	8.9938	9.897	PASS
Band17	10MHz	QPSK	23790	50RB#0	9.0151	9.905	PASS
Band17	10MHz	QPSK	23800	50RB#0	8.9732	9.876	PASS
Band17	10MHz	16QAM	23780	50RB#0	8.9790	9.928	PASS
Band17	10MHz	16QAM	23790	50RB#0	9.0069	9.896	PASS
Band17	10MHz	16QAM	23800	50RB#0	8.9944	9.910	PASS



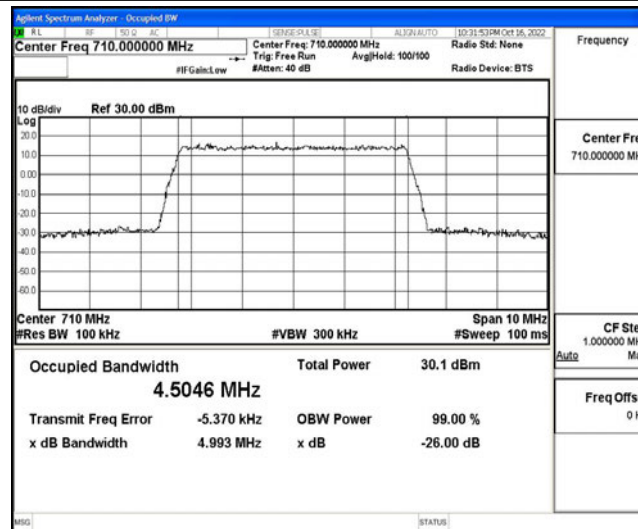


Test Graphs

Band17-5MHz-QPSK-23755-25RB#0

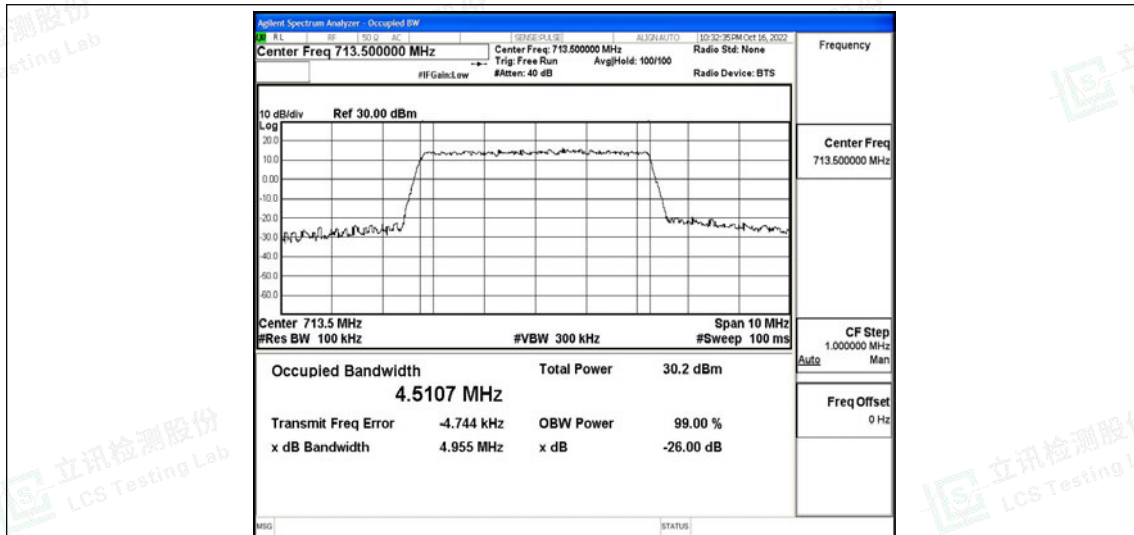


Band17-5MHz-QPSK-23790-25RB#0

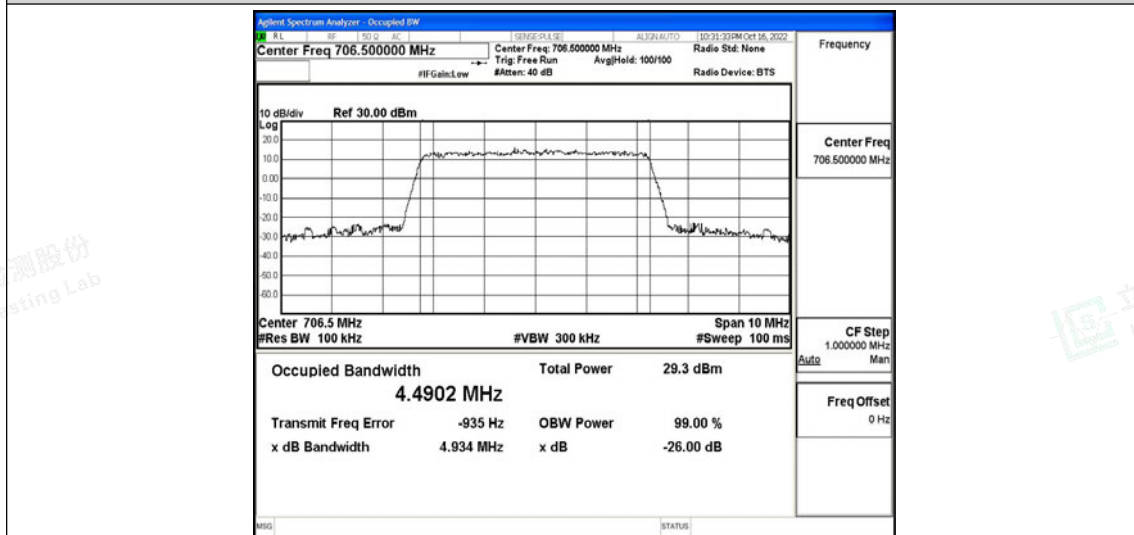


Band17-5MHz-QPSK-23825-25RB#0

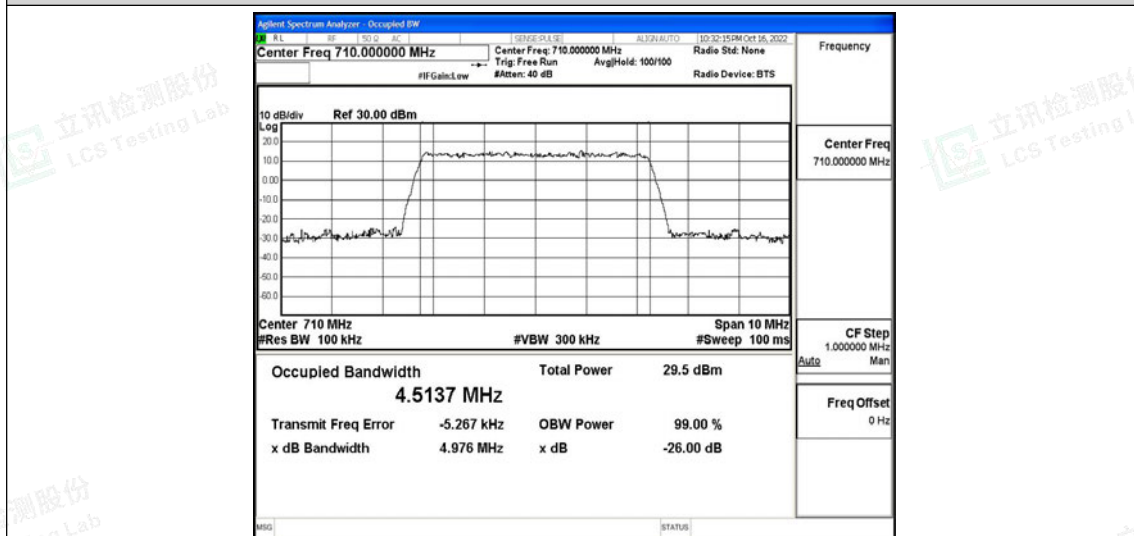




Band17-5MHz-16QAM-23755-25RB#0

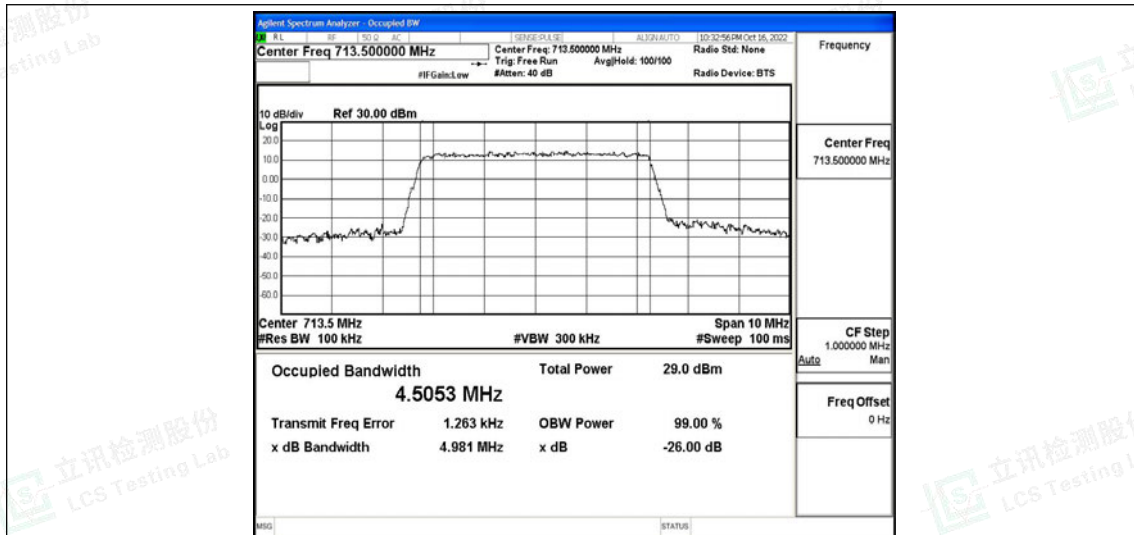


Band17-5MHz-16QAM-23790-25RB#0

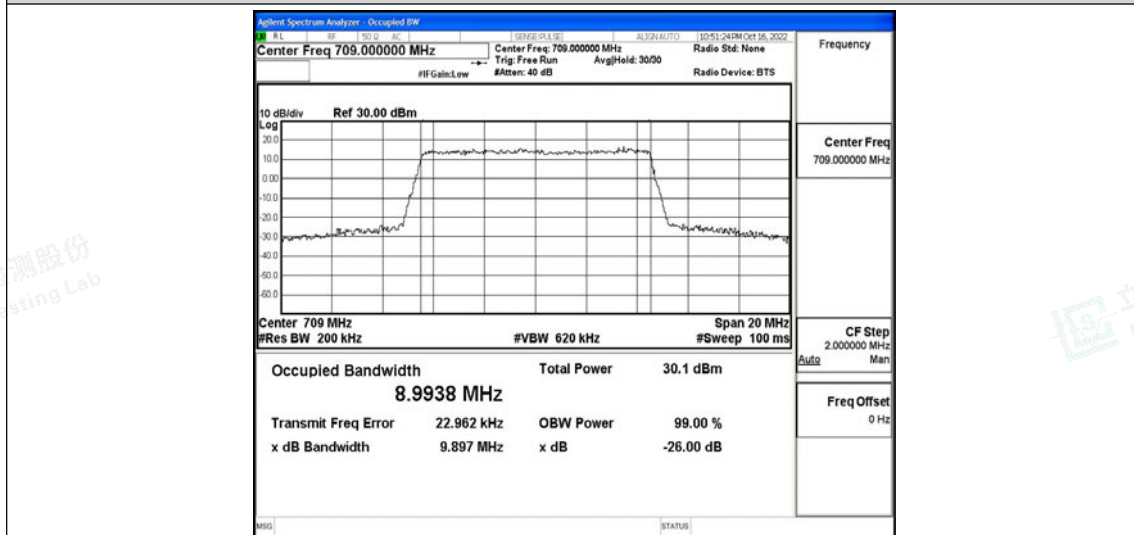


Band17-5MHz-16QAM-23825-25RB#0

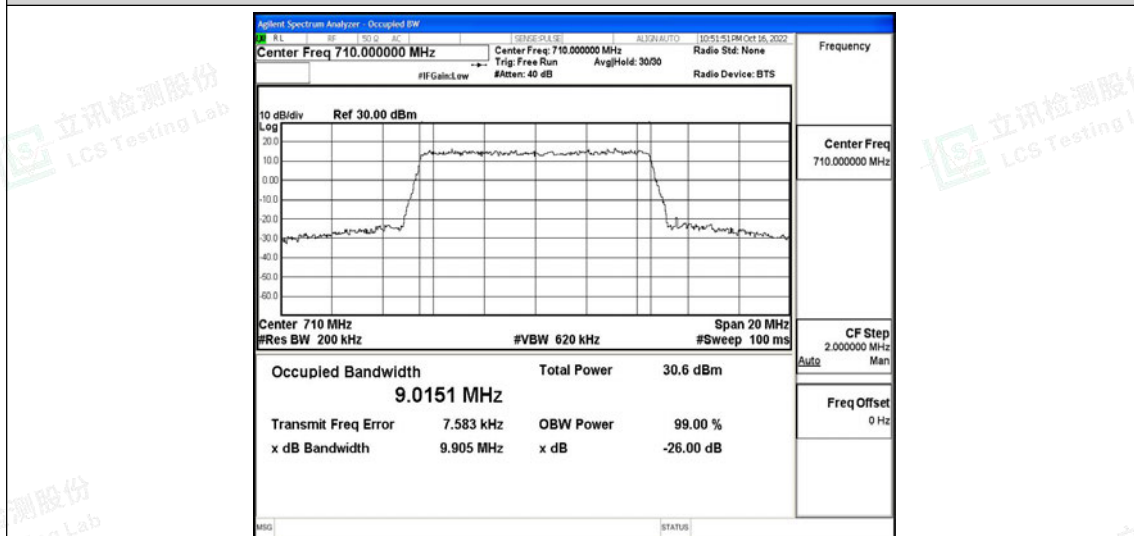




Band17-10MHz-QPSK-23780-50RB#0

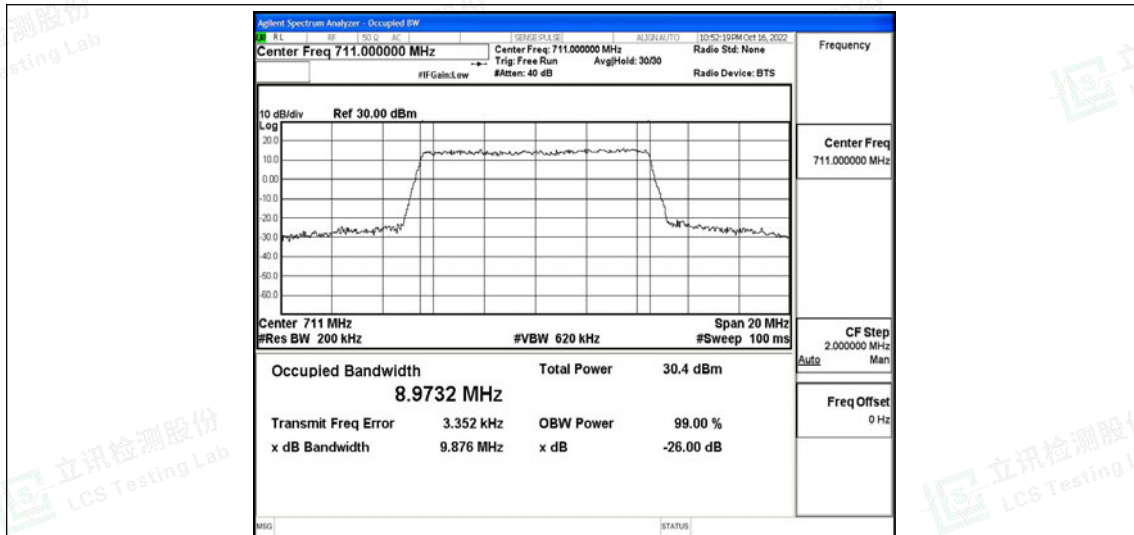


Band17-10MHz-QPSK-23790-50RB#0

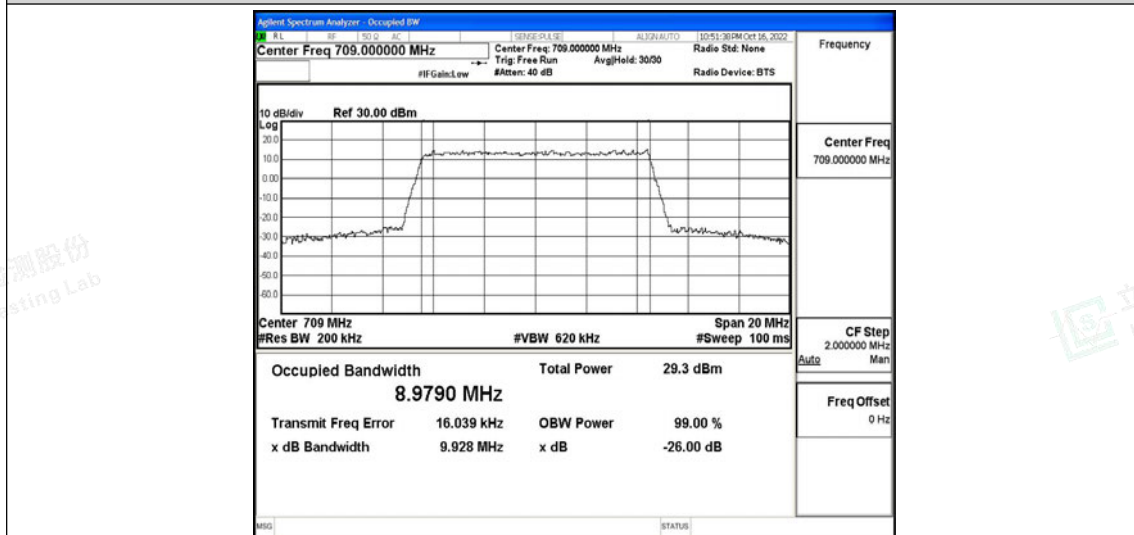


Band17-10MHz-QPSK-23800-50RB#0

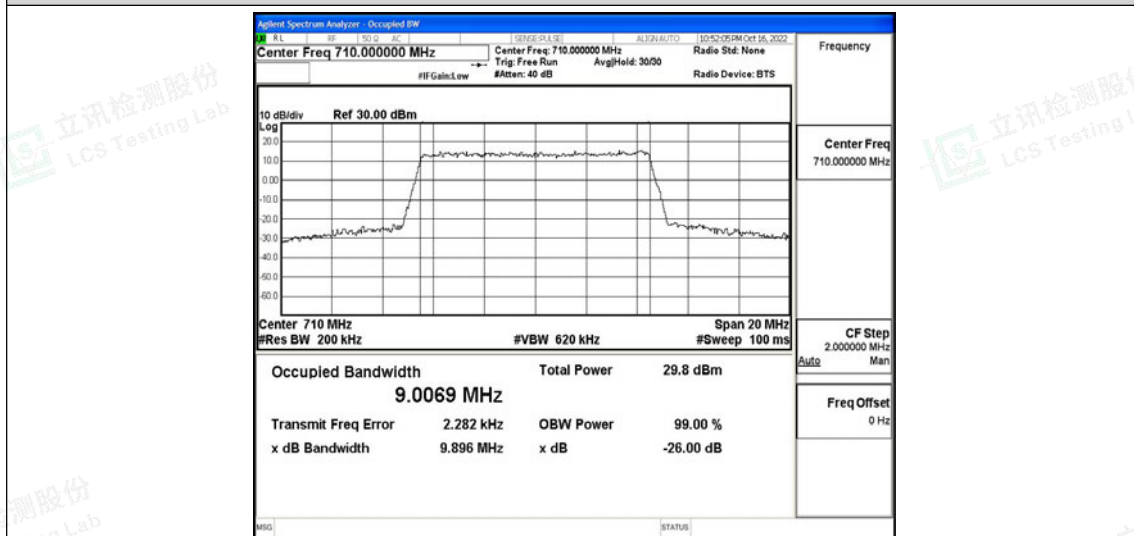




Band17-10MHz-16QAM-23780-50RB#0

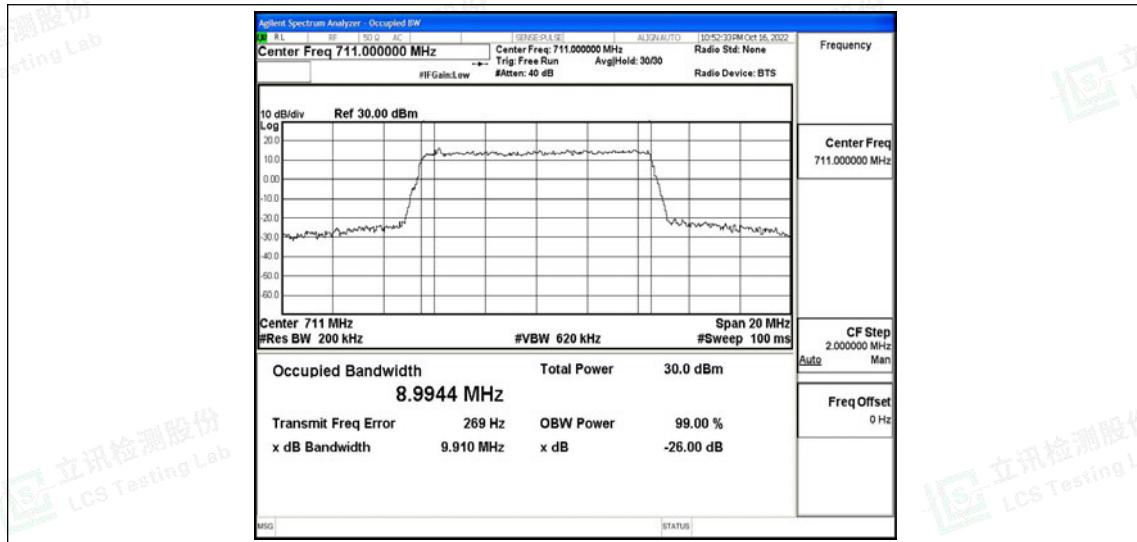


Band17-10MHz-16QAM-23790-50RB#0



Band17-10MHz-16QAM-23800-50RB#0





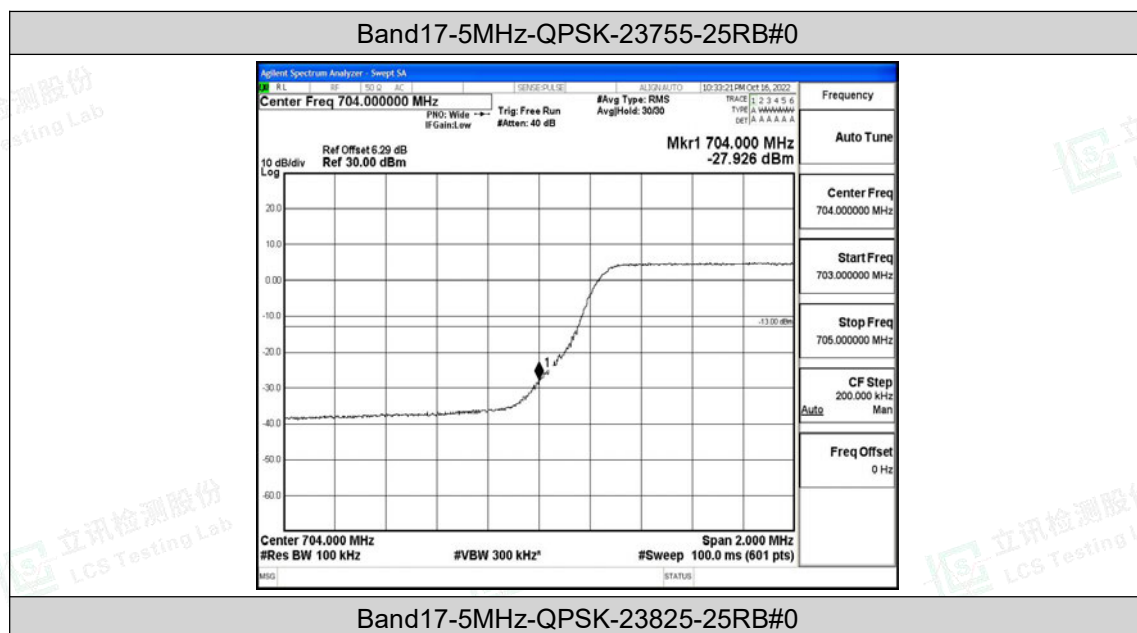


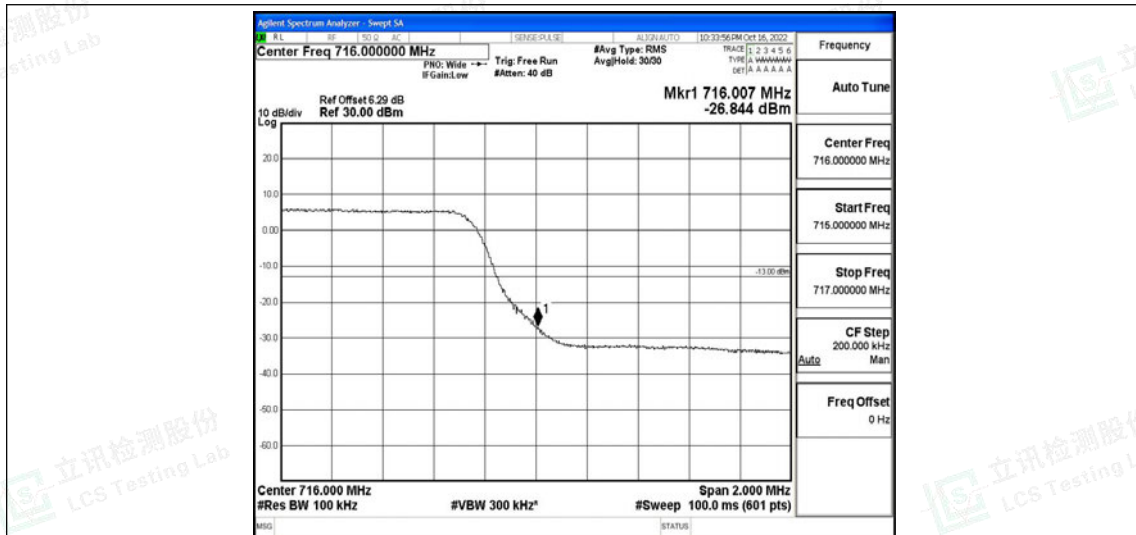
H.4 Band Edge

Test Result

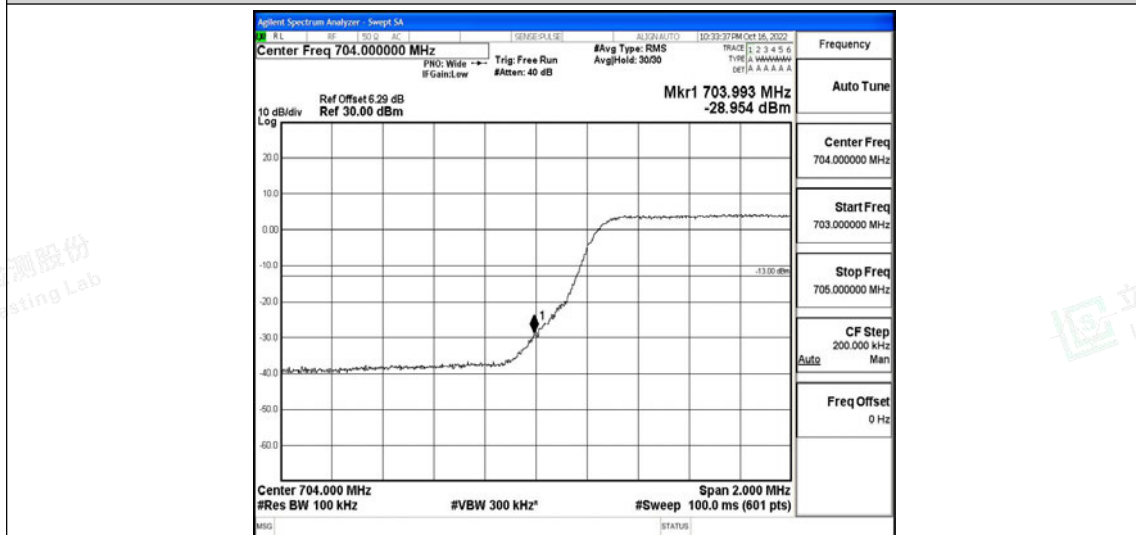
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band17	5MHz	QPSK	23755	25RB#0	-27.93	PASS
Band17	5MHz	QPSK	23825	25RB#0	-26.84	PASS
Band17	5MHz	16QAM	23755	25RB#0	-28.95	PASS
Band17	5MHz	16QAM	23825	25RB#0	-28.36	PASS
Band17	10MHz	QPSK	23780	50RB#0	-34.06,-31.27	PASS
Band17	10MHz	QPSK	23800	50RB#0	-29.38,-32.36	PASS
Band17	10MHz	16QAM	23780	50RB#0	-35.80,-32.72	PASS
Band17	10MHz	16QAM	23800	50RB#0	-30.04,-32.90	PASS

Test Graphs

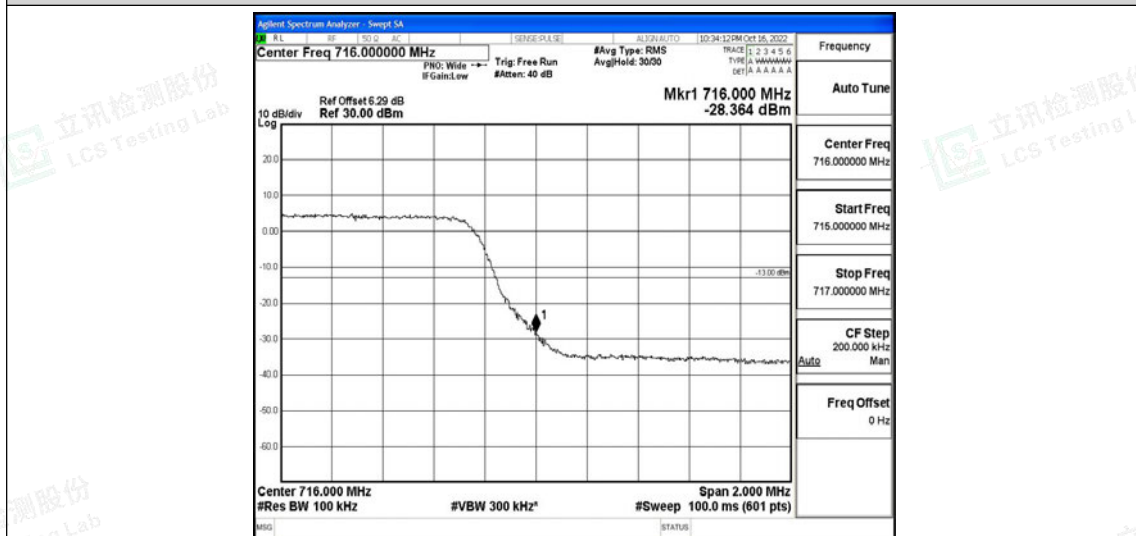




Band17-5MHz-16QAM-23755-25RB#0

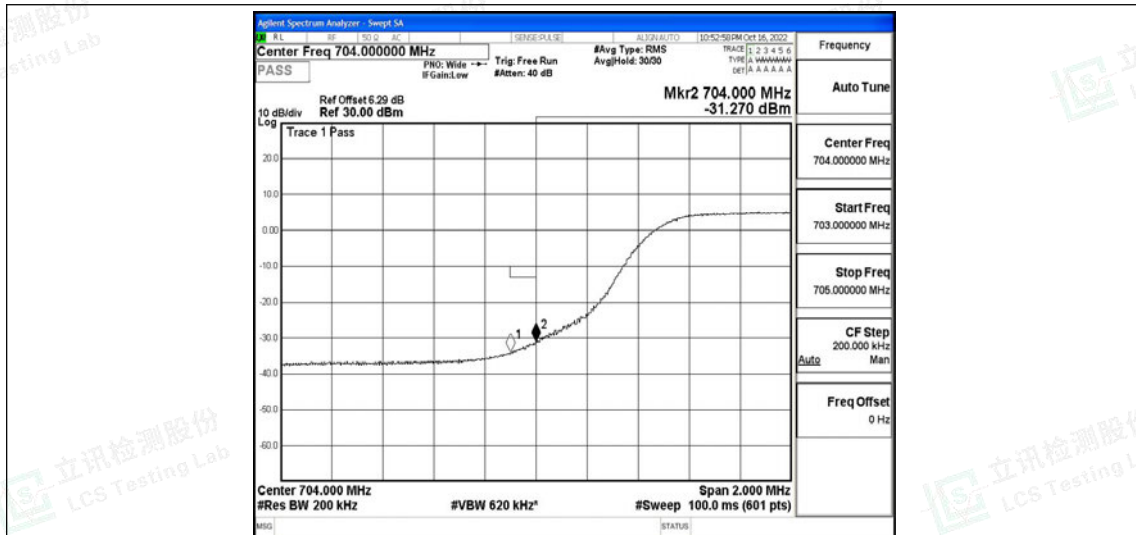


Band17-5MHz-16QAM-23825-25RB#0

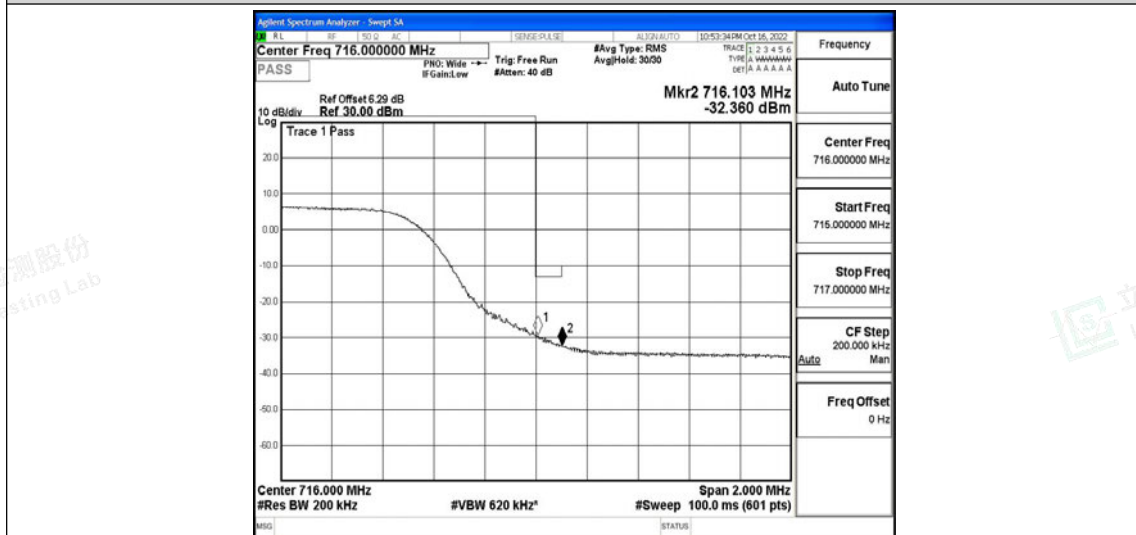


Band17-10MHz-QPSK-23780-50RB#0

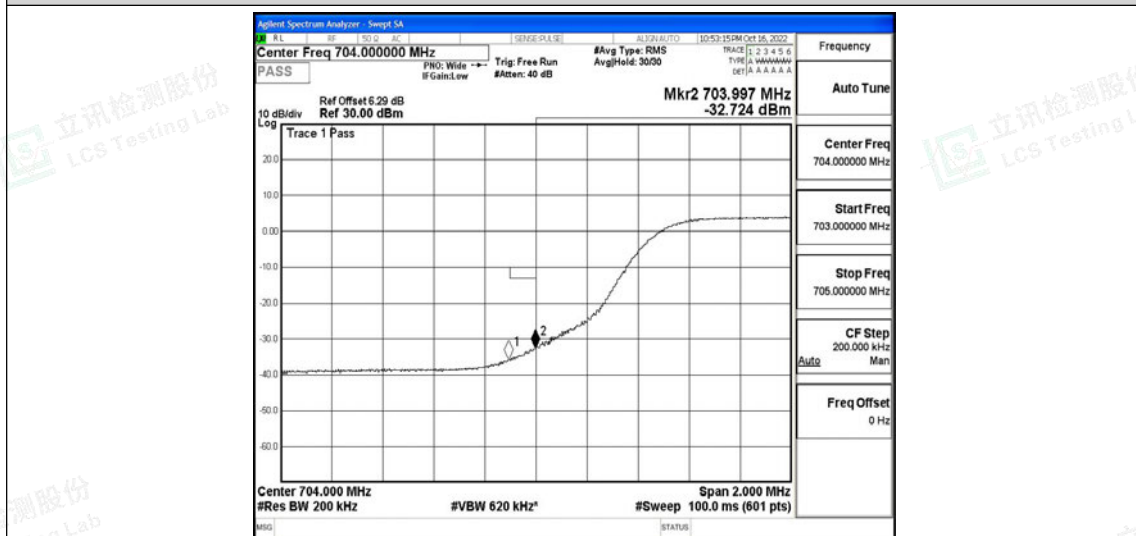




Band17-10MHz-QPSK-23800-50RB#0

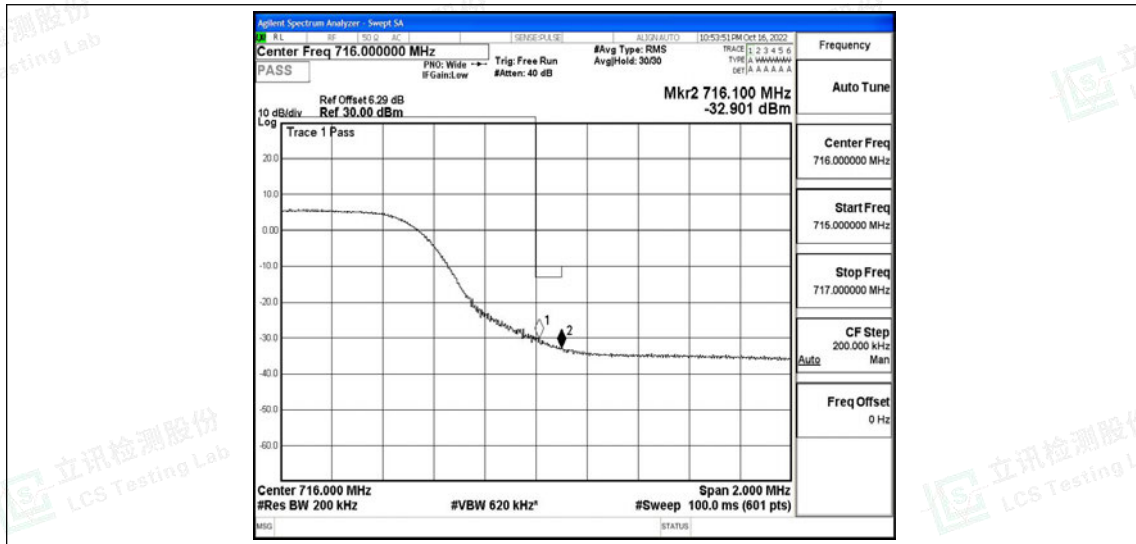


Band17-10MHz-16QAM-23780-50RB#0



Band17-10MHz-16QAM-23800-50RB#0







H.5 Conducted Spurious Emission

Test Result

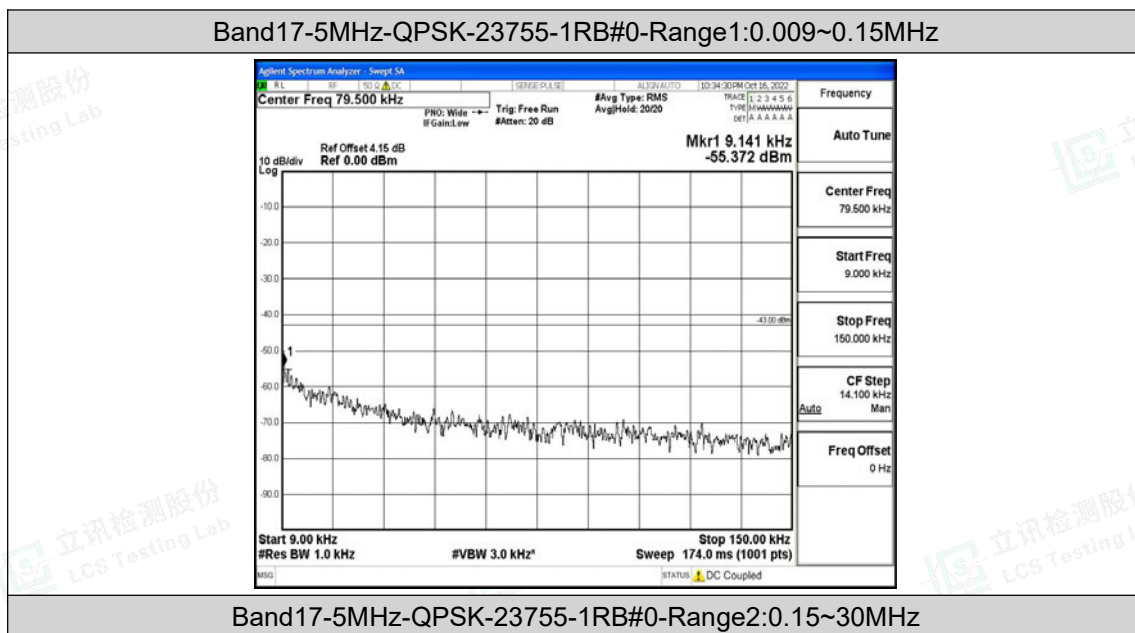
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band17	5MHz	QPSK	23755	1RB#0	Range1:0.009~0.15MHz	-55.37	PASS
Band17	5MHz	QPSK	23755	1RB#0	Range2:0.15~30MHz	-50.1	PASS
Band17	5MHz	QPSK	23755	1RB#0	Range3:30~1000MHz	-40.6	PASS
Band17	5MHz	QPSK	23755	1RB#0	Range4:1000~10000MHz	-41.41	PASS
Band17	5MHz	QPSK	23790	1RB#0	Range1:0.009~0.15MHz	-55.15	PASS
Band17	5MHz	QPSK	23790	1RB#0	Range2:0.15~30MHz	-52.49	PASS
Band17	5MHz	QPSK	23790	1RB#0	Range3:30~1000MHz	-39.79	PASS
Band17	5MHz	QPSK	23790	1RB#0	Range4:1000~10000MHz	-39.93	PASS
Band17	5MHz	QPSK	23825	1RB#0	Range1:0.009~0.15MHz	-56.29	PASS
Band17	5MHz	QPSK	23825	1RB#0	Range2:0.15~30MHz	-51.58	PASS
Band17	5MHz	QPSK	23825	1RB#0	Range3:30~1000MHz	-40.78	PASS
Band17	5MHz	QPSK	23825	1RB#0	Range4:1000~10000MHz	-40.27	PASS
Band17	5MHz	16QAM	23755	1RB#0	Range1:0.009~0.15MHz	-55.39	PASS
Band17	5MHz	16QAM	23755	1RB#0	Range2:0.15~30MHz	-52.08	PASS
Band17	5MHz	16QAM	23755	1RB#0	Range3:30~1000MHz	-39.99	PASS
Band17	5MHz	16QAM	23755	1RB#0	Range4:1000~10000MHz	-42.43	PASS
Band17	5MHz	16QAM	23790	1RB#0	Range1:0.009~0.15MHz	-55.37	PASS
Band17	5MHz	16QAM	23790	1RB#0	Range2:0.15~30MHz	-52.8	PASS
Band17	5MHz	16QAM	23790	1RB#0	Range3:30~1000MHz	-39.5	PASS
Band17	5MHz	16QAM	23790	1RB#0	Range4:1000~10000MHz	-41.34	PASS
Band17	5MHz	16QAM	23825	1RB#0	Range1:0.009~0.15MHz	-56.79	PASS
Band17	5MHz	16QAM	23825	1RB#0	Range2:0.15~30MHz	-50.54	PASS
Band17	5MHz	16QAM	23825	1RB#0	Range3:30~1000MHz	-40.51	PASS
Band17	5MHz	16QAM	23825	1RB#0	Range4:1000~10000MHz	-41.03	PASS
Band17	10MHz	QPSK	23780	1RB#0	Range1:0.009~0.15MHz	-54.53	PASS
Band17	10MHz	QPSK	23780	1RB#0	Range2:0.15~30MHz	-50.49	PASS
Band17	10MHz	QPSK	23780	1RB#0	Range3:30~1000MHz	-39.35	PASS
Band17	10MHz	QPSK	23780	1RB#0	Range4:1000~10000MHz	-41.16	PASS
Band17	10MHz	QPSK	23790	1RB#0	Range1:0.009~0.15MHz	-54	PASS
Band17	10MHz	QPSK	23790	1RB#0	Range2:0.15~30MHz	-51.71	PASS
Band17	10MHz	QPSK	23790	1RB#0	Range3:30~1000MHz	-40.83	PASS
Band17	10MHz	QPSK	23790	1RB#0	Range4:1000~10000MHz	-40.86	PASS
Band17	10MHz	QPSK	23800	1RB#0	Range1:0.009~0.15MHz	-55.57	PASS

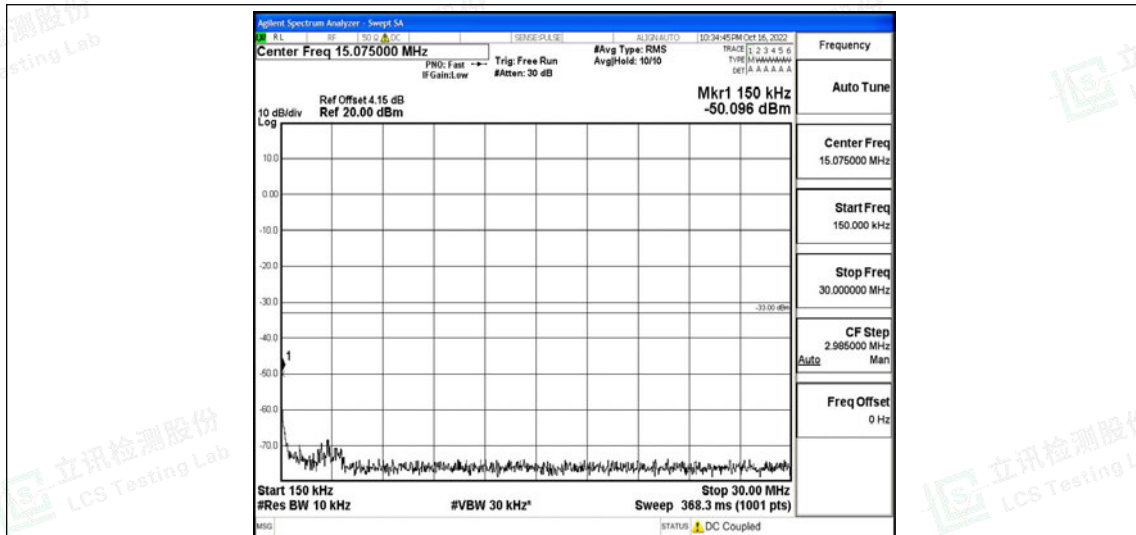




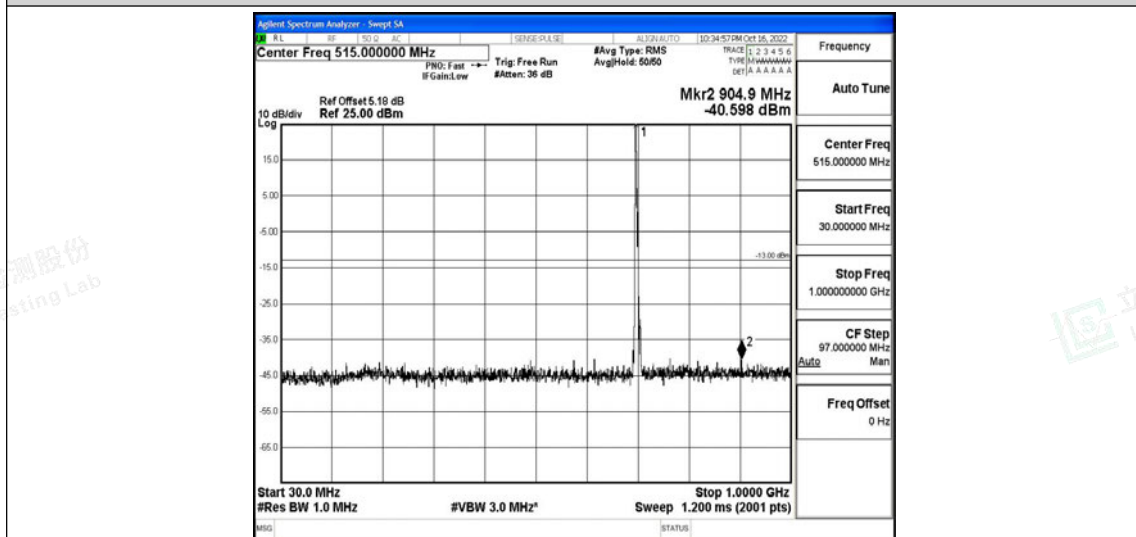
Band17	10MHz	QPSK	23800	1RB#0	Range2:0.15~30MHz	-50.48	PASS
Band17	10MHz	QPSK	23800	1RB#0	Range3:30~1000MHz	-40.98	PASS
Band17	10MHz	QPSK	23800	1RB#0	Range4:1000~10000MHz	-39.72	PASS
Band17	10MHz	16QAM	23780	1RB#0	Range1:0.009~0.15MHz	-53.26	PASS
Band17	10MHz	16QAM	23780	1RB#0	Range2:0.15~30MHz	-51.45	PASS
Band17	10MHz	16QAM	23780	1RB#0	Range3:30~1000MHz	-39.96	PASS
Band17	10MHz	16QAM	23780	1RB#0	Range4:1000~10000MHz	-41.38	PASS
Band17	10MHz	16QAM	23790	1RB#0	Range1:0.009~0.15MHz	-54.53	PASS
Band17	10MHz	16QAM	23790	1RB#0	Range2:0.15~30MHz	-51.29	PASS
Band17	10MHz	16QAM	23790	1RB#0	Range3:30~1000MHz	-41.06	PASS
Band17	10MHz	16QAM	23790	1RB#0	Range4:1000~10000MHz	-41.29	PASS
Band17	10MHz	16QAM	23800	1RB#0	Range1:0.009~0.15MHz	-53.83	PASS
Band17	10MHz	16QAM	23800	1RB#0	Range2:0.15~30MHz	-51.2	PASS
Band17	10MHz	16QAM	23800	1RB#0	Range3:30~1000MHz	-40.99	PASS
Band17	10MHz	16QAM	23800	1RB#0	Range4:1000~10000MHz	-40.36	PASS

Test Graphs

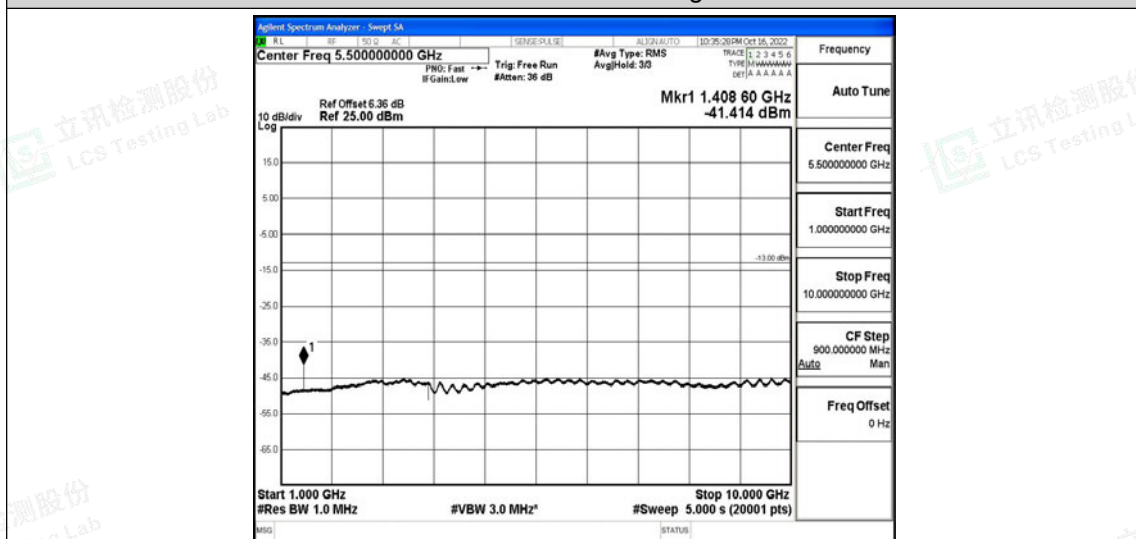




Band17-5MHz-QPSK-23755-1RB#0-Range3:30~1000MHz

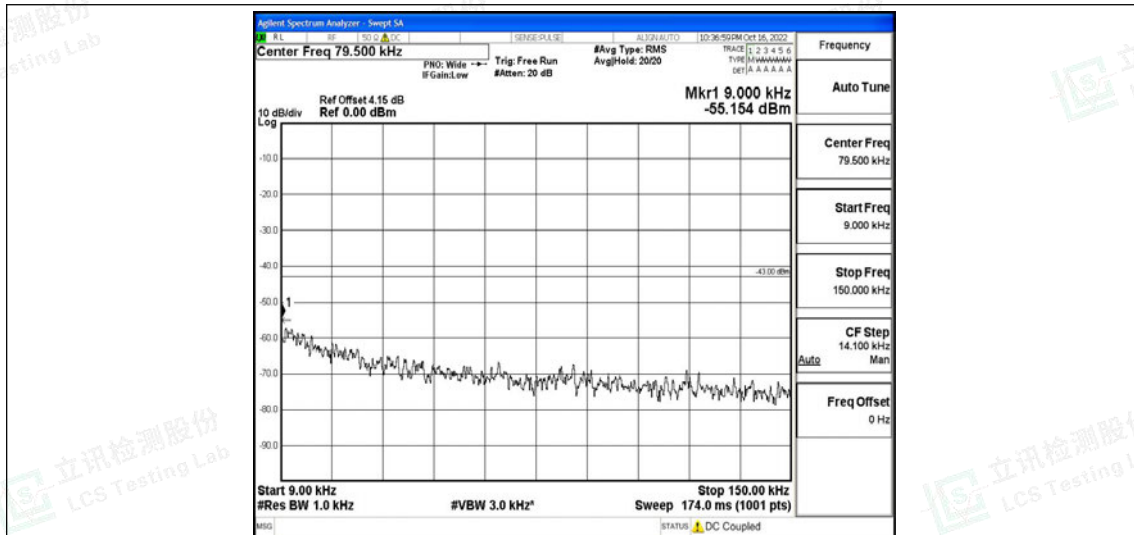


Band17-5MHz-QPSK-23755-1RB#0-Range4:1000~10000MHz

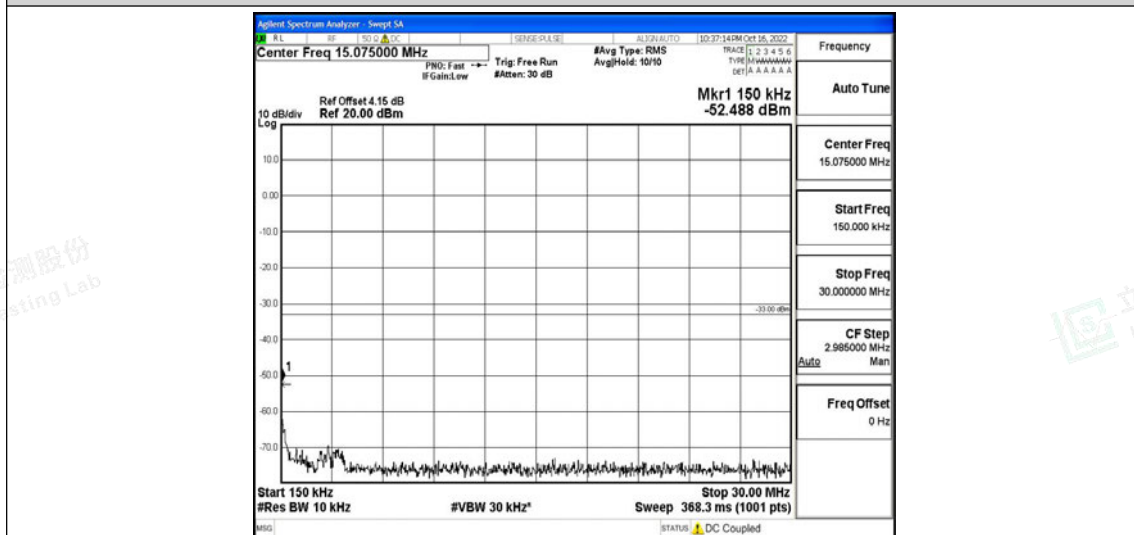


Band17-5MHz-QPSK-23790-1RB#0-Range1:0.009~0.15MHz

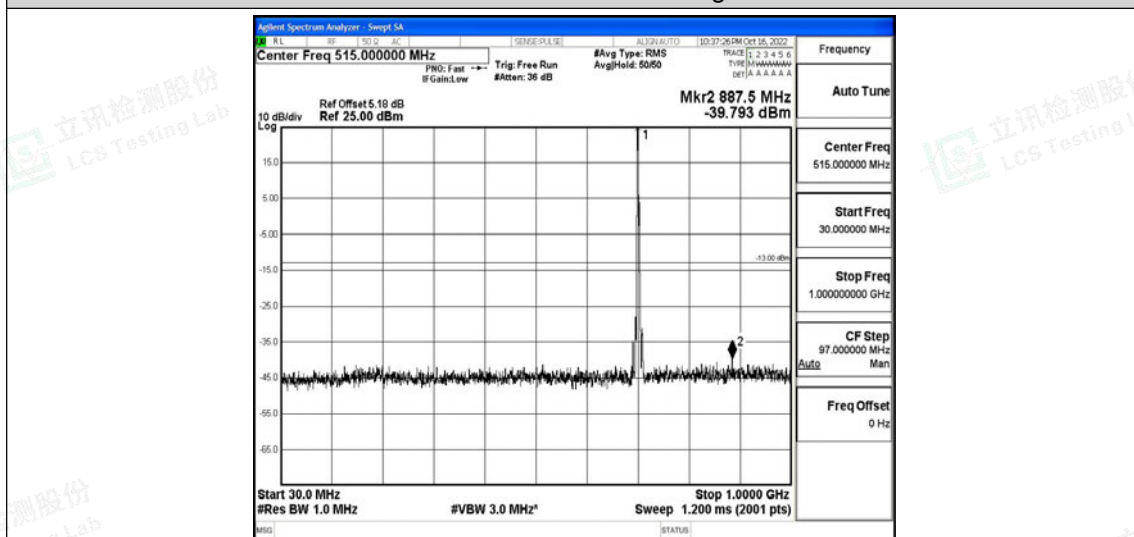




Band17-5MHz-QPSK-23790-1RB#0-Range2:0.15~30MHz

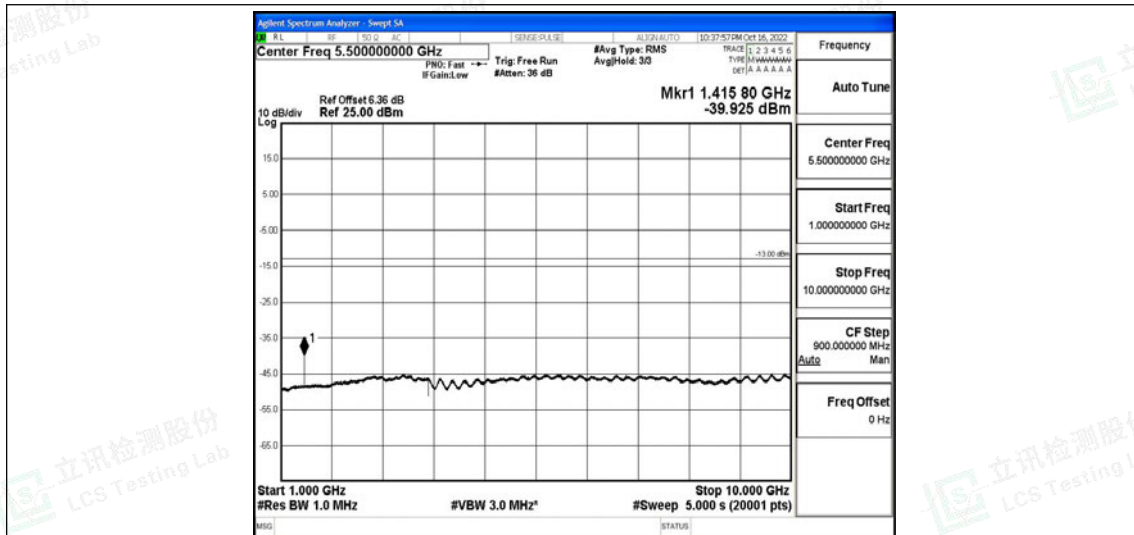


Band17-5MHz-QPSK-23790-1RB#0-Range3:30~1000MHz

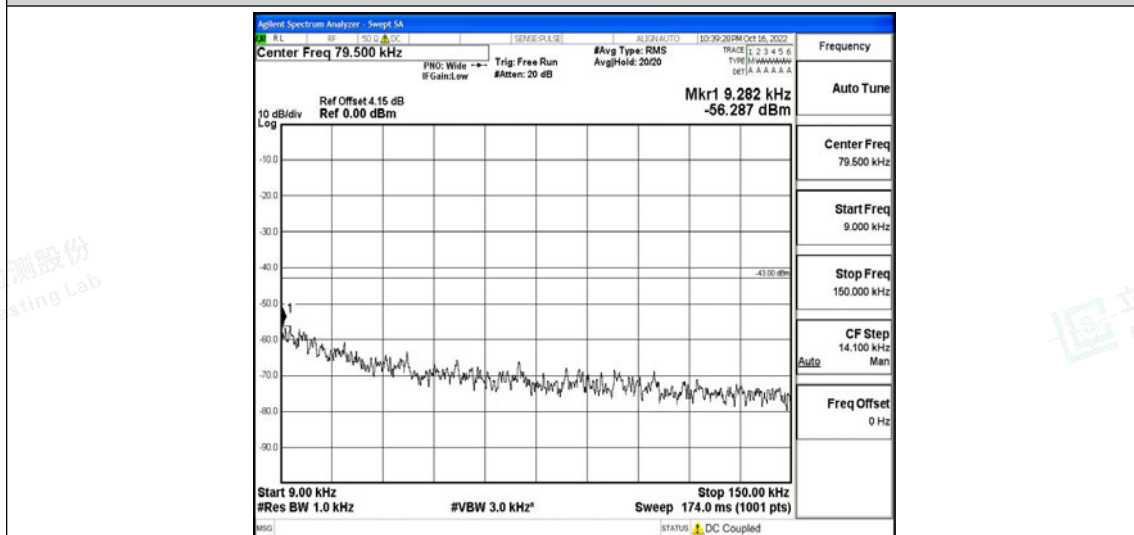


Band17-5MHz-QPSK-23790-1RB#0-Range4:1000~10000MHz

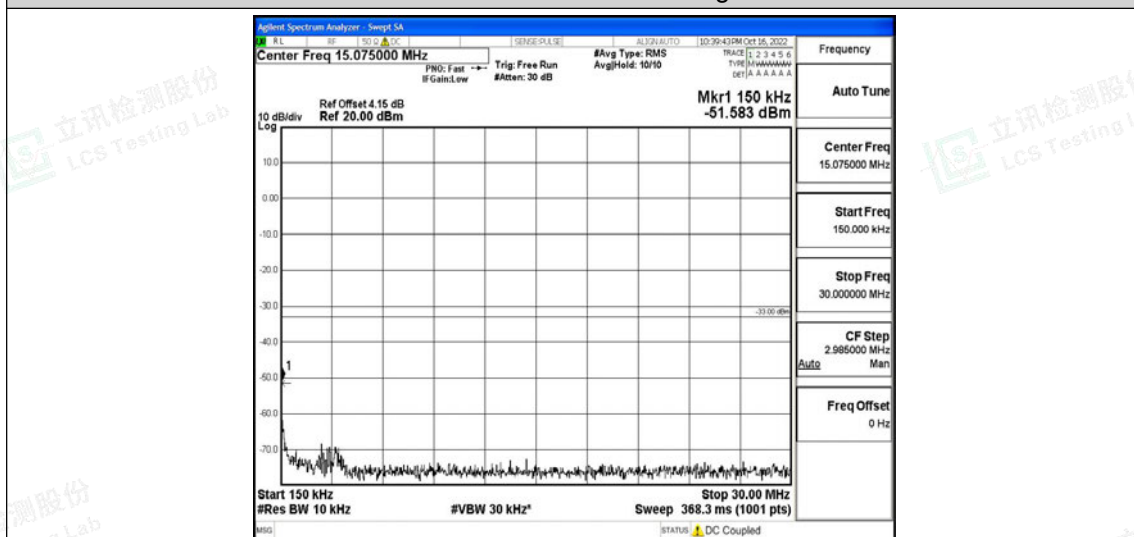




Band17-5MHz-QPSK-23825-1RB#0-Range1:0.009~0.15MHz

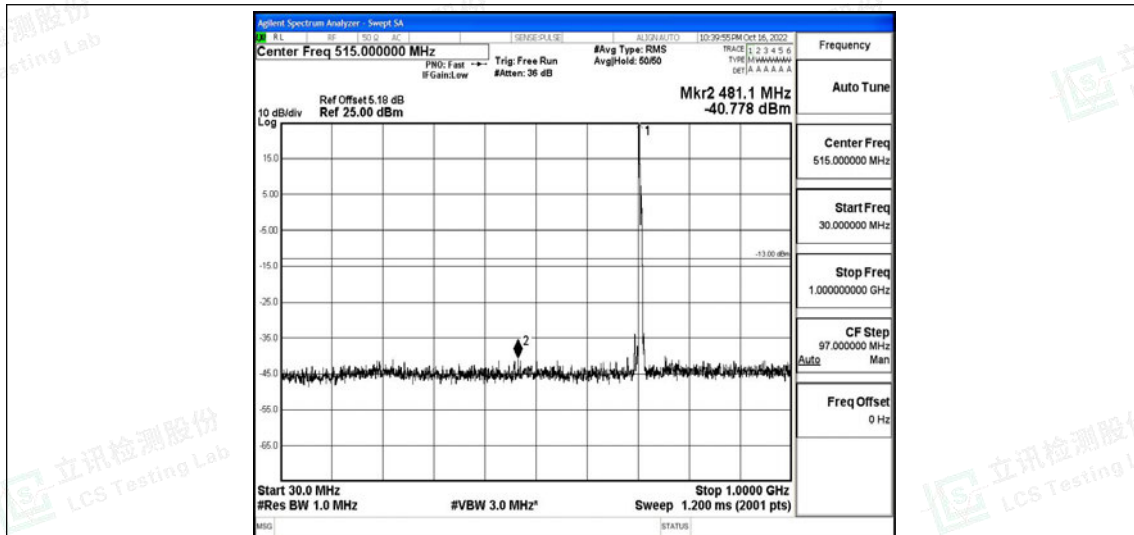


Band17-5MHz-QPSK-23825-1RB#0-Range2:0.15~30MHz

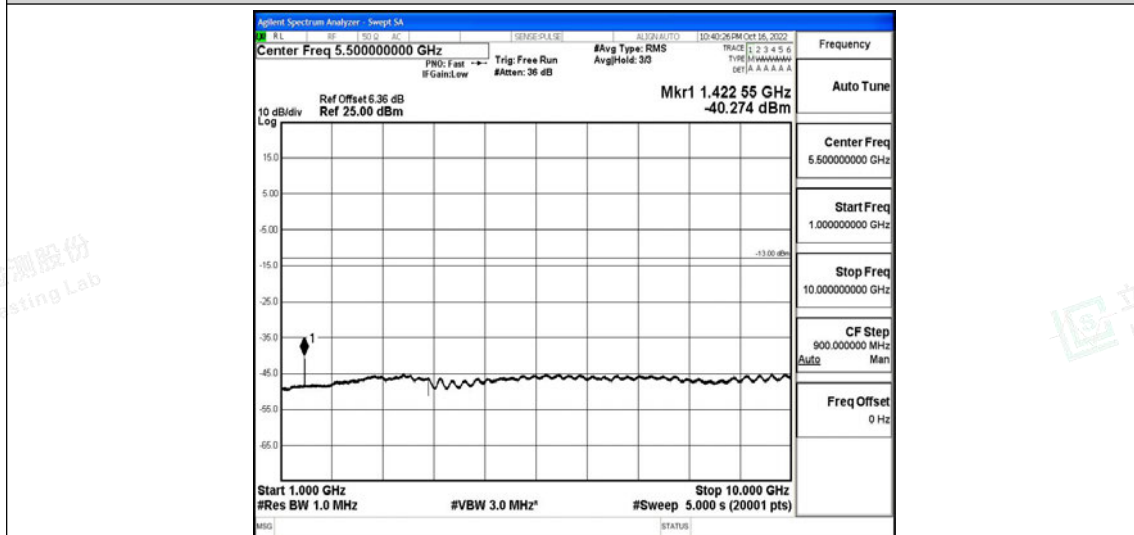


Band17-5MHz-QPSK-23825-1RB#0-Range3:30~1000MHz

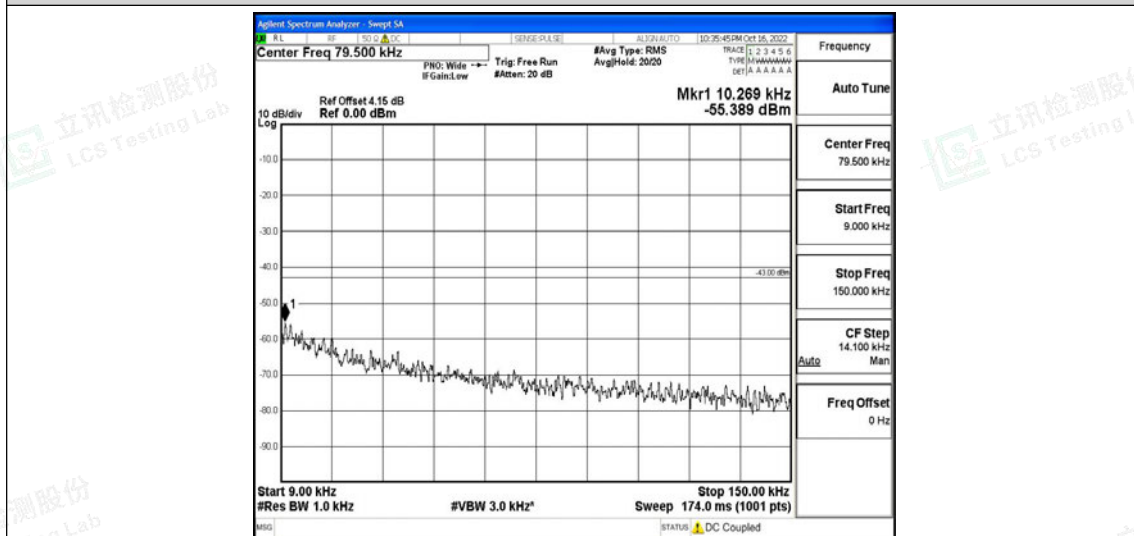




Band17-5MHz-QPSK-23825-1RB#0-Range4:1000~10000MHz

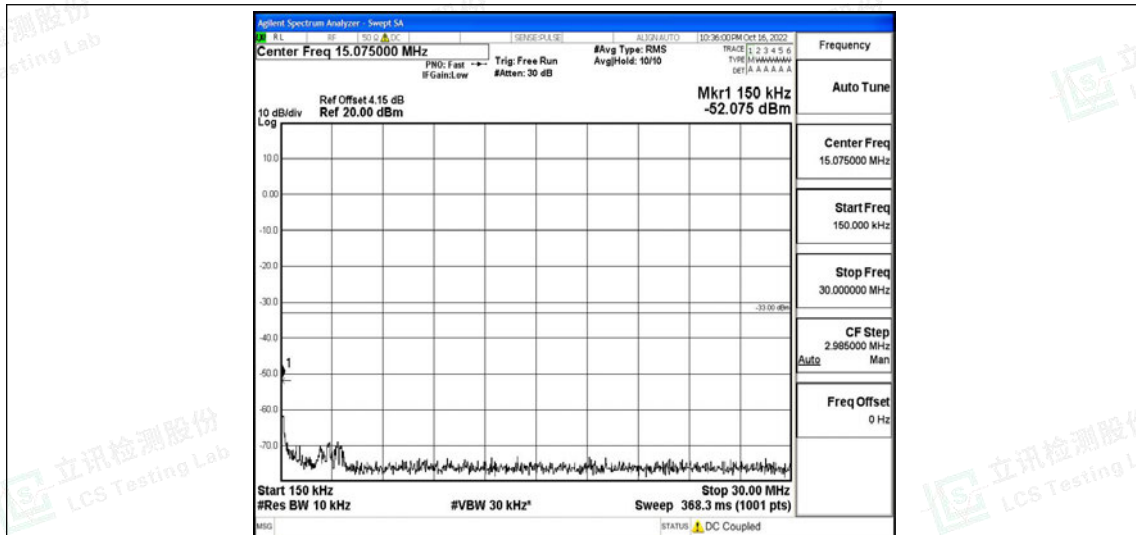


Band17-5MHz-16QAM-23755-1RB#0-Range1:0.009~0.15MHz

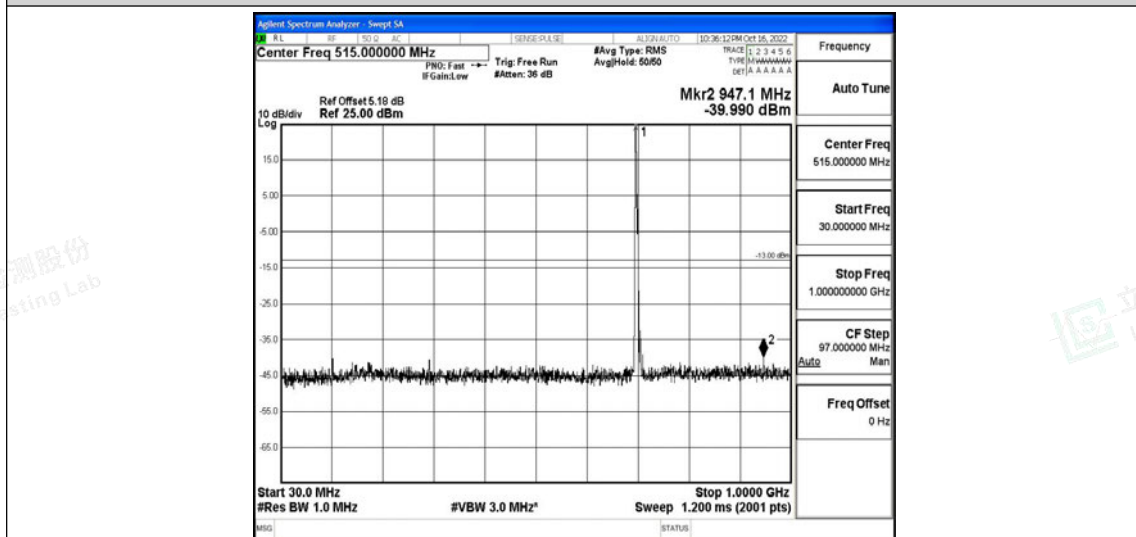


Band17-5MHz-16QAM-23755-1RB#0-Range2:0.15~30MHz

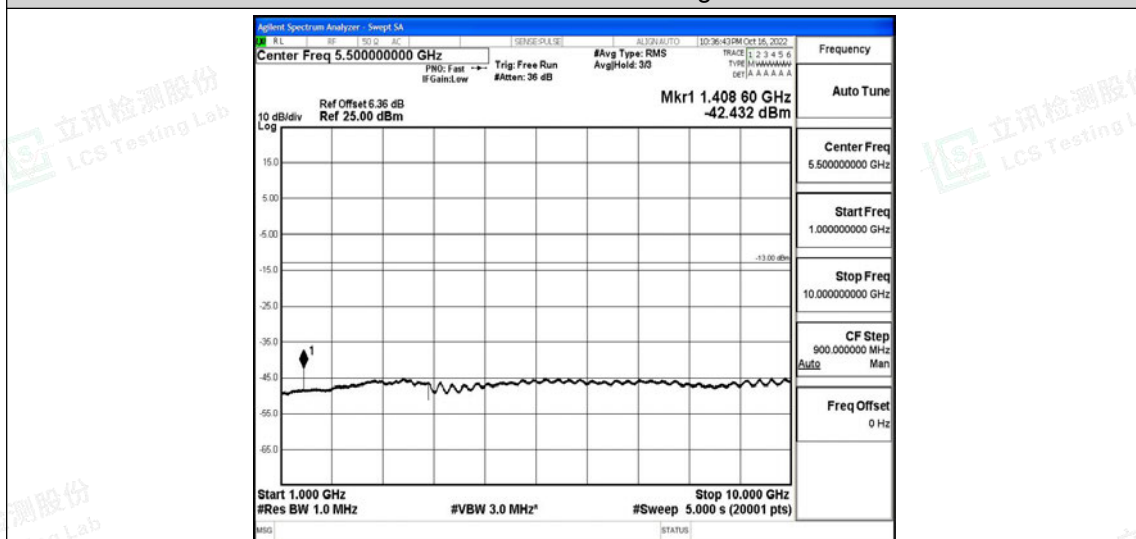




Band17-5MHz-16QAM-23755-1RB#0-Range3:30~1000MHz

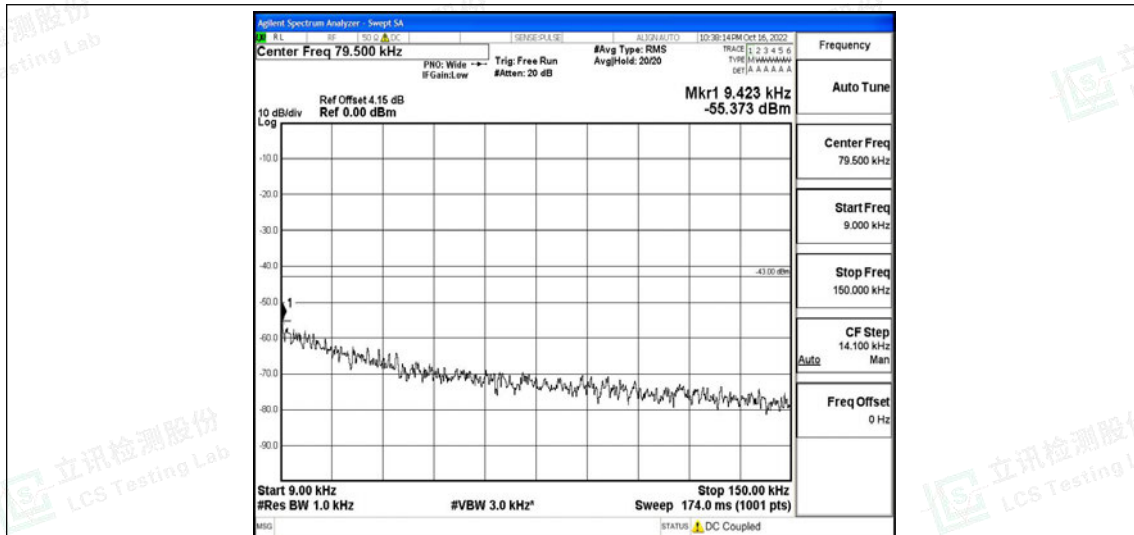


Band17-5MHz-16QAM-23755-1RB#0-Range4:1000~10000MHz

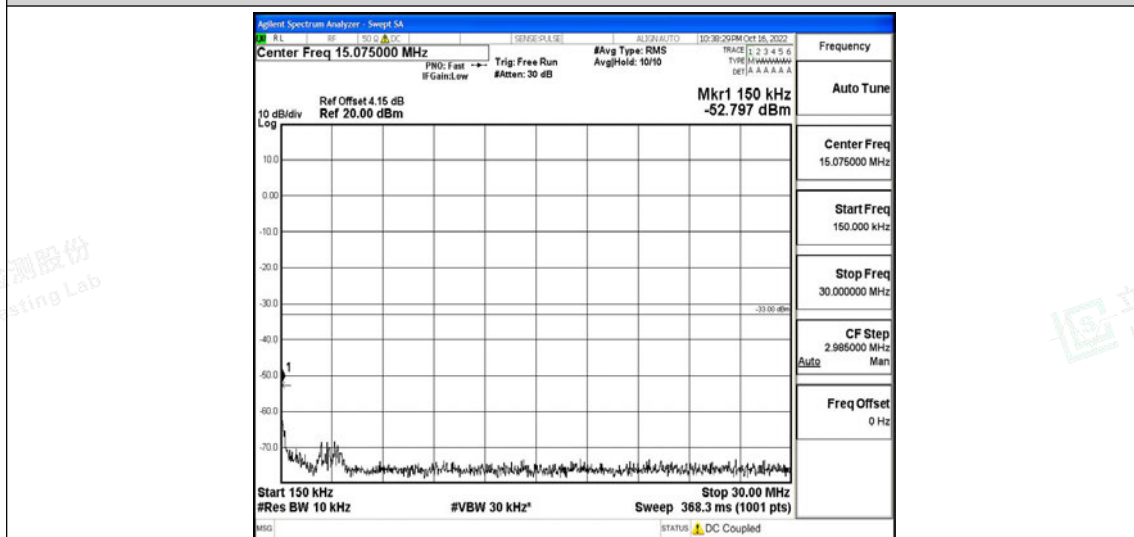


Band17-5MHz-16QAM-23790-1RB#0-Range1:0.009~0.15MHz

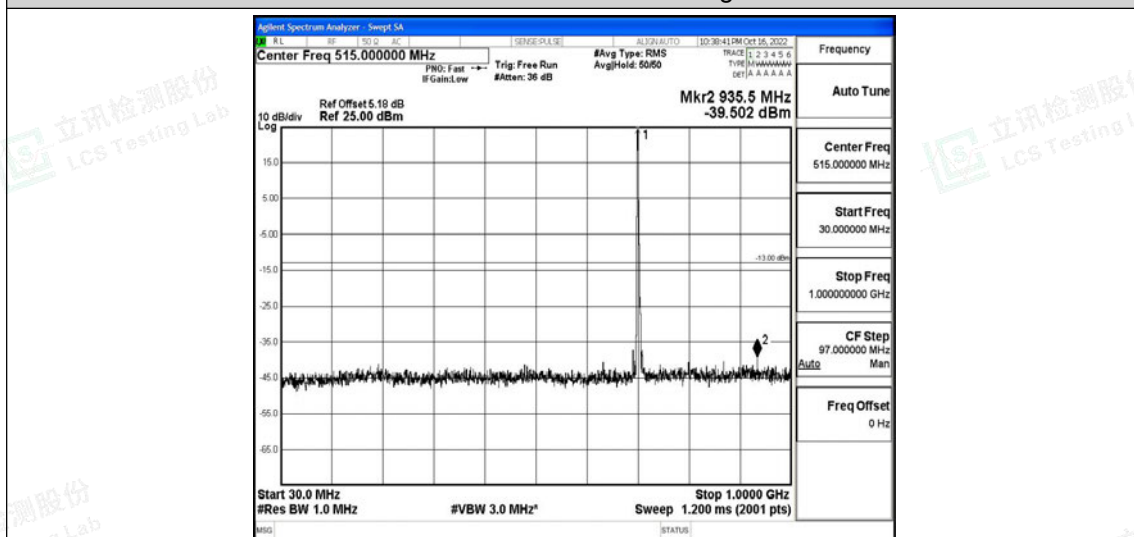




Band17-5MHz-16QAM-23790-1RB#0-Range2:0.15~30MHz

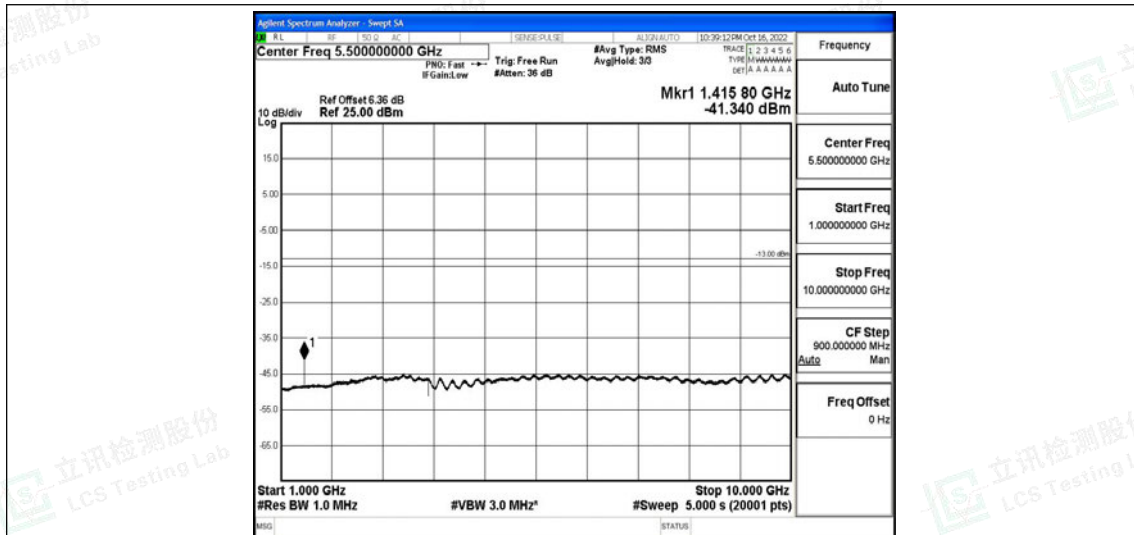


Band17-5MHz-16QAM-23790-1RB#0-Range3:30~1000MHz

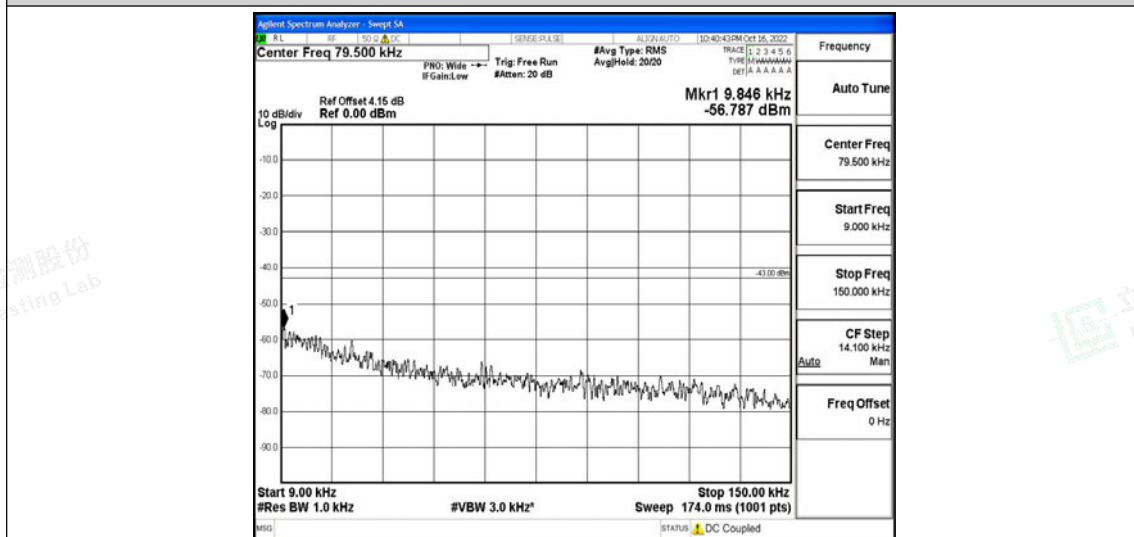


Band17-5MHz-16QAM-23790-1RB#0-Range4:1000~10000MHz

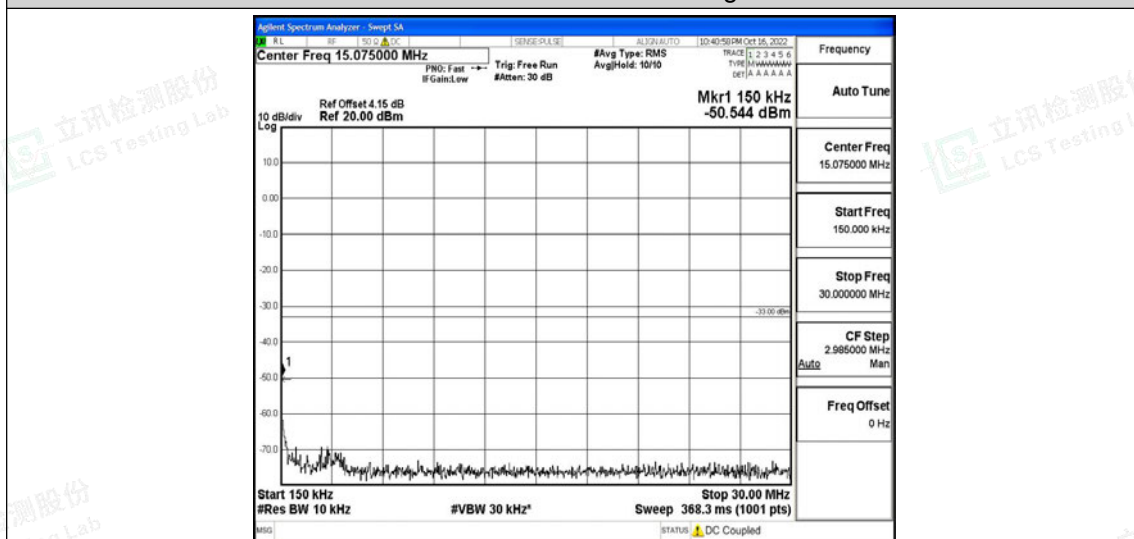




Band17-5MHz-16QAM-23825-1RB#0-Range1:0.009~0.15MHz

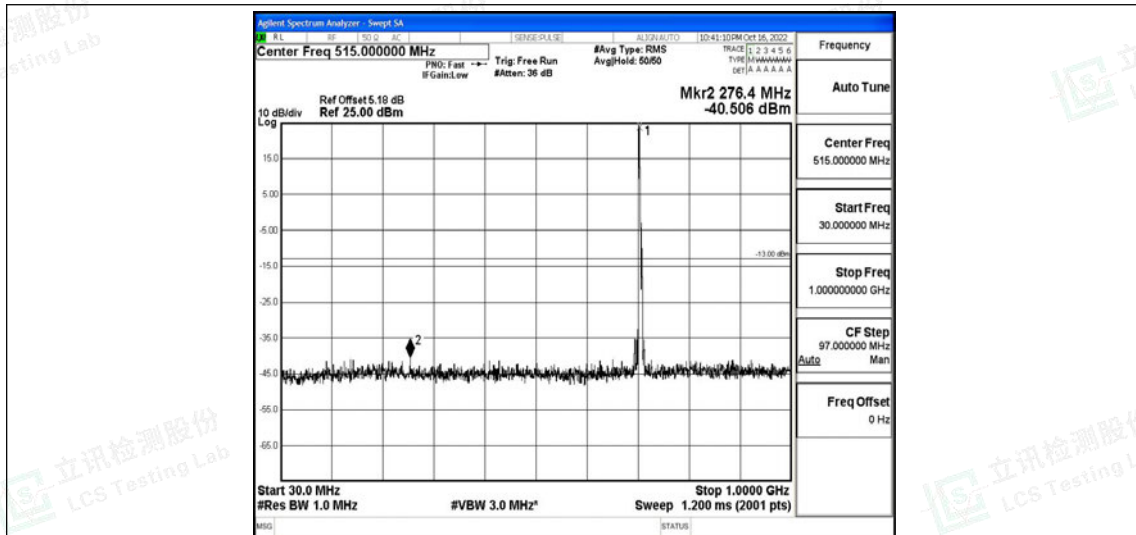


Band17-5MHz-16QAM-23825-1RB#0-Range2:0.15~30MHz

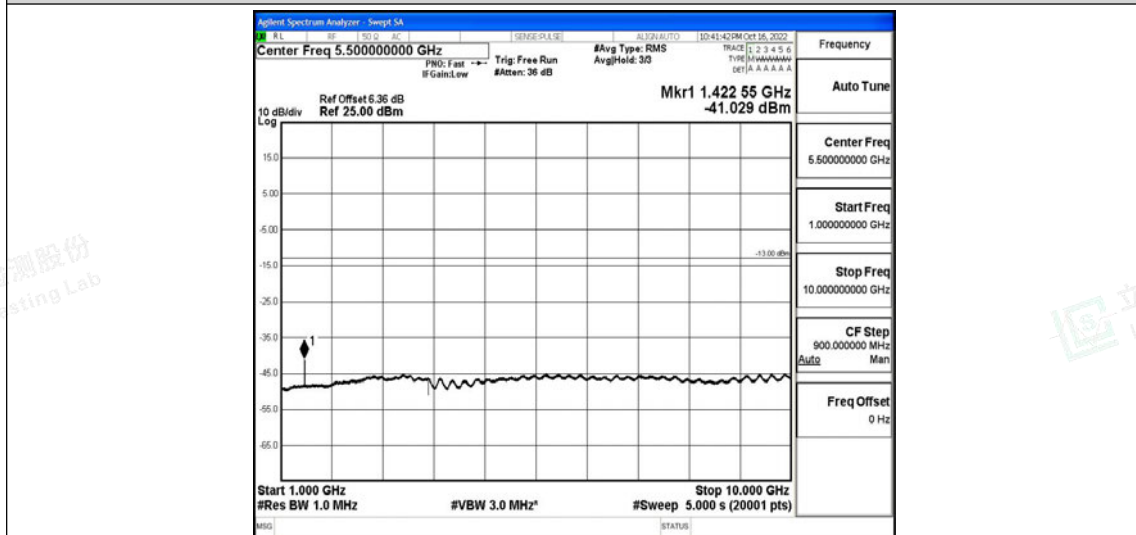


Band17-5MHz-16QAM-23825-1RB#0-Range3:30~1000MHz

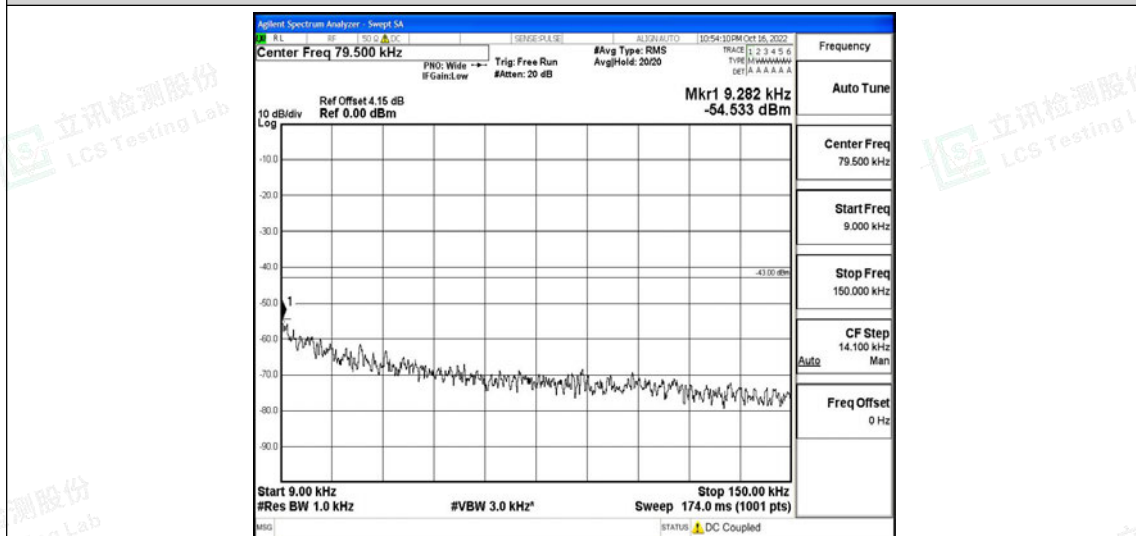




Band17-5MHz-16QAM-23825-1RB#0-Range4:1000~10000MHz

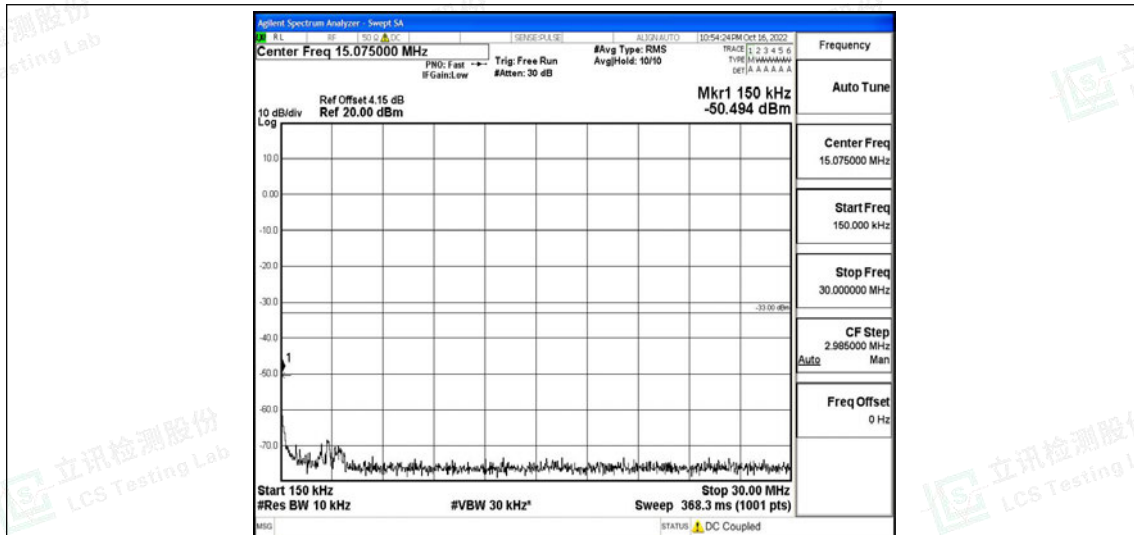


Band17-10MHz-QPSK-23780-1RB#0-Range1:0.009~0.15MHz

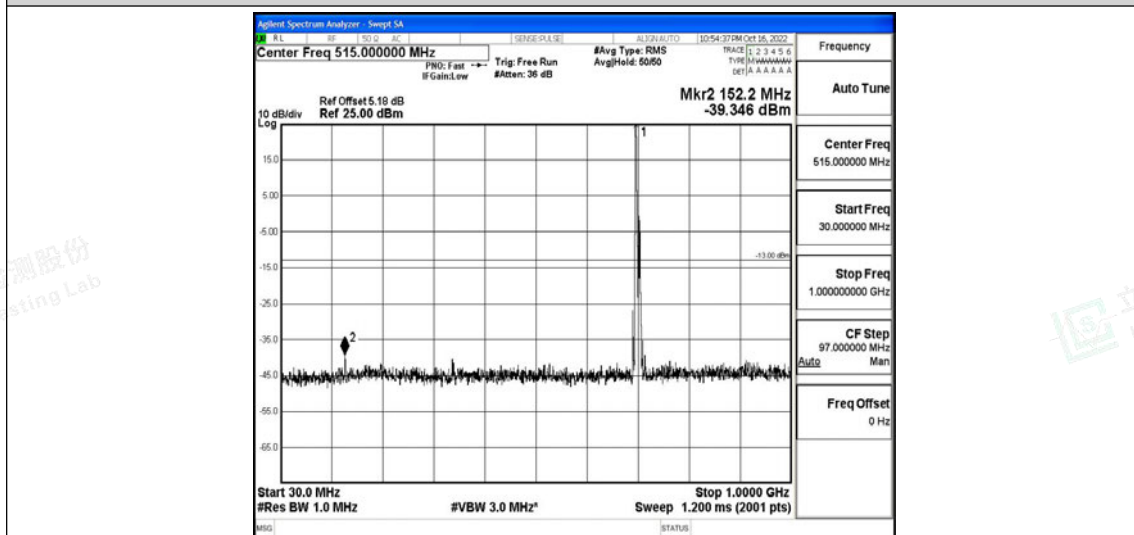


Band17-10MHz-QPSK-23780-1RB#0-Range2:0.15~30MHz

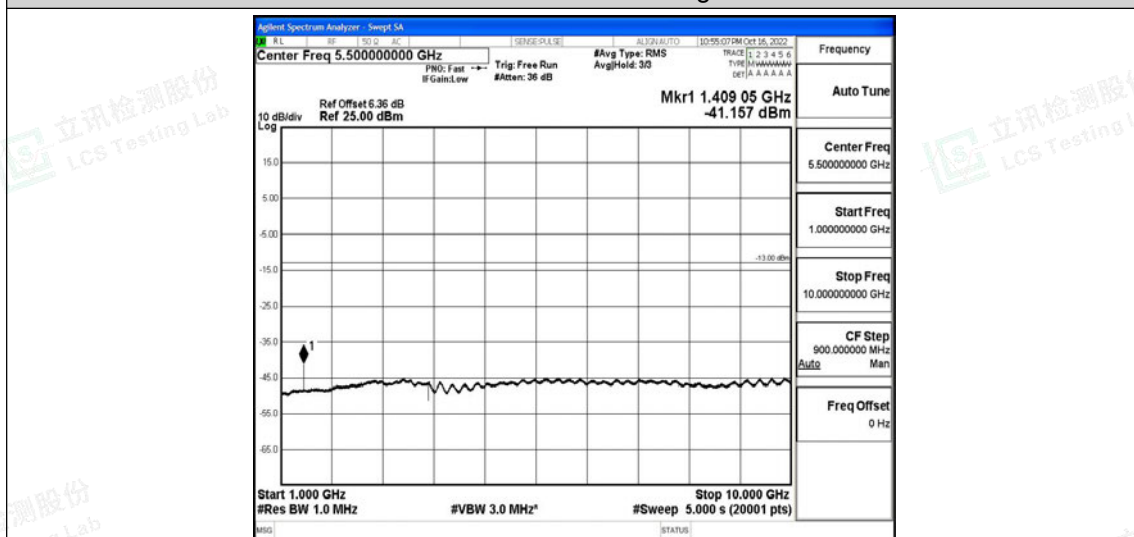




Band17-10MHz-QPSK-23780-1RB#0-Range3:30~1000MHz

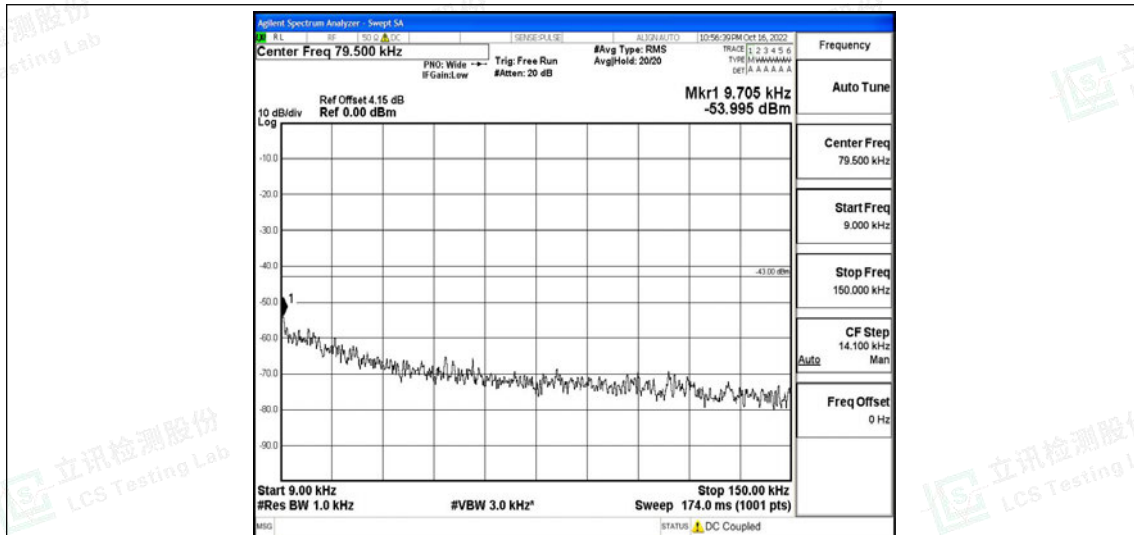


Band17-10MHz-QPSK-23780-1RB#0-Range4:1000~10000MHz

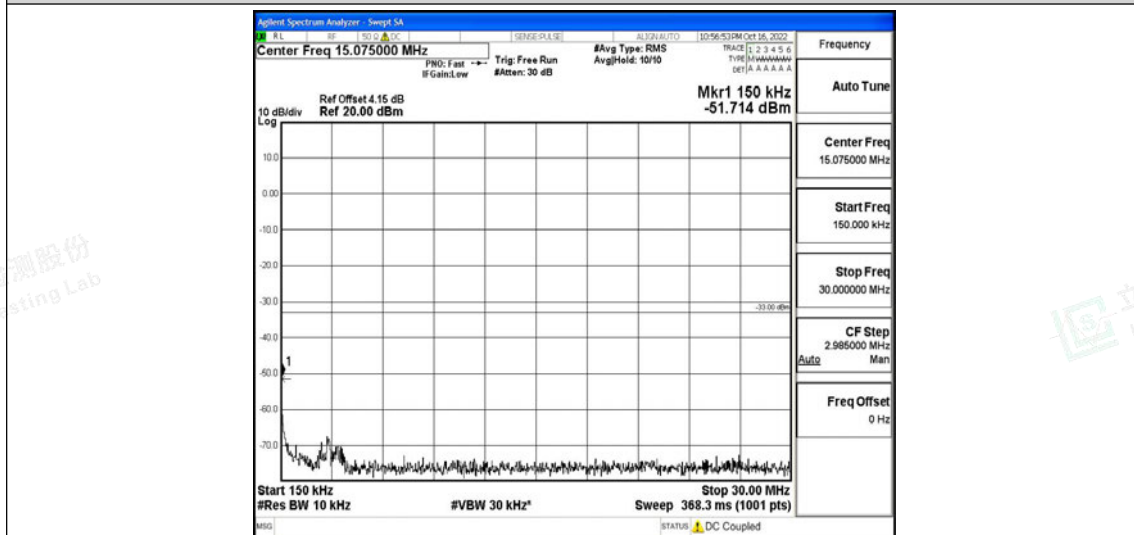


Band17-10MHz-QPSK-23790-1RB#0-Range1:0.009~0.15MHz

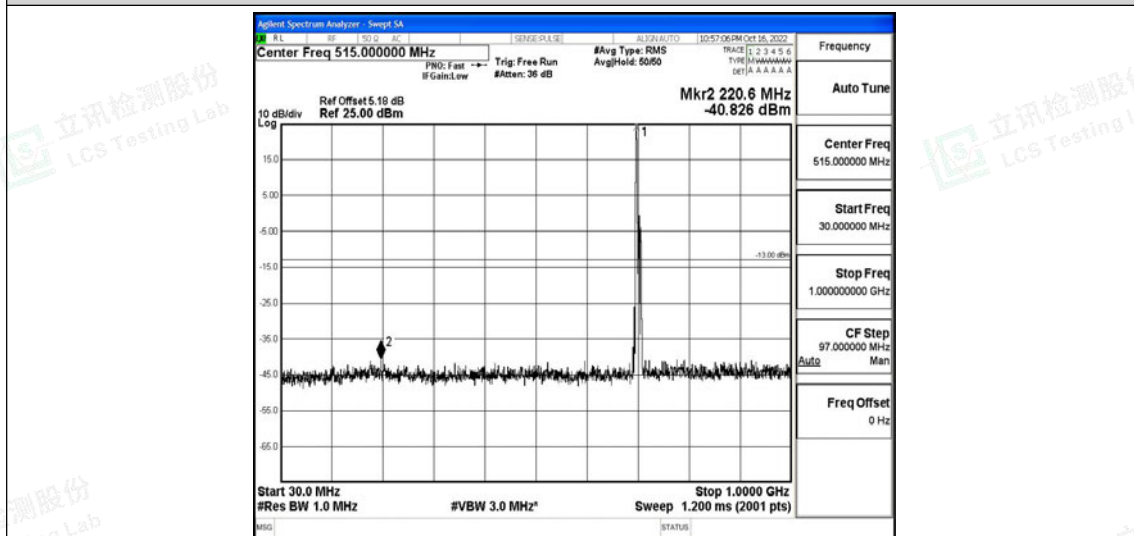




Band17-10MHz-QPSK-23790-1RB#0-Range2:0.15~30MHz

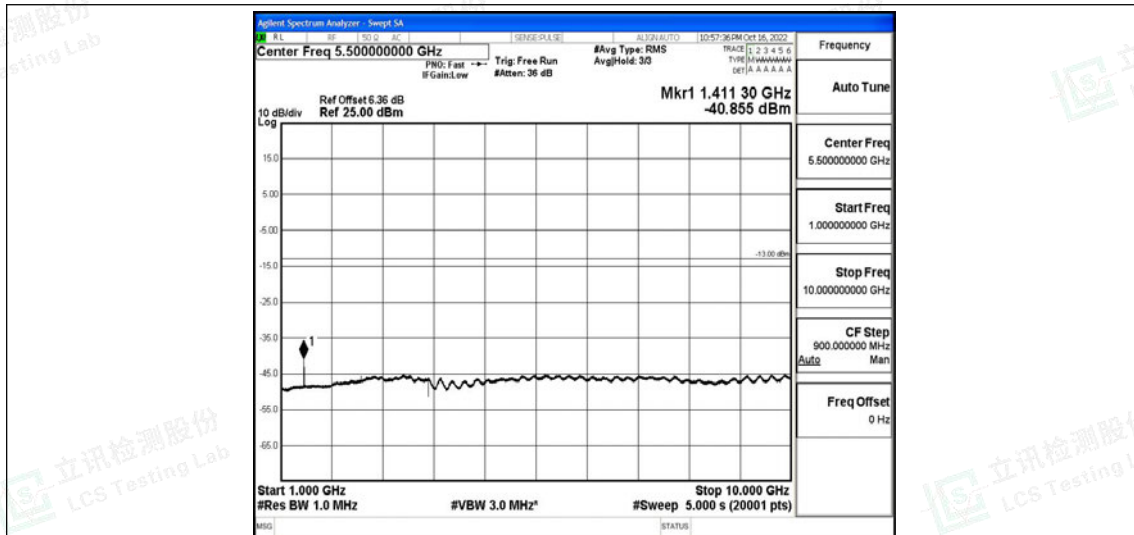


Band17-10MHz-QPSK-23790-1RB#0-Range3:30~1000MHz

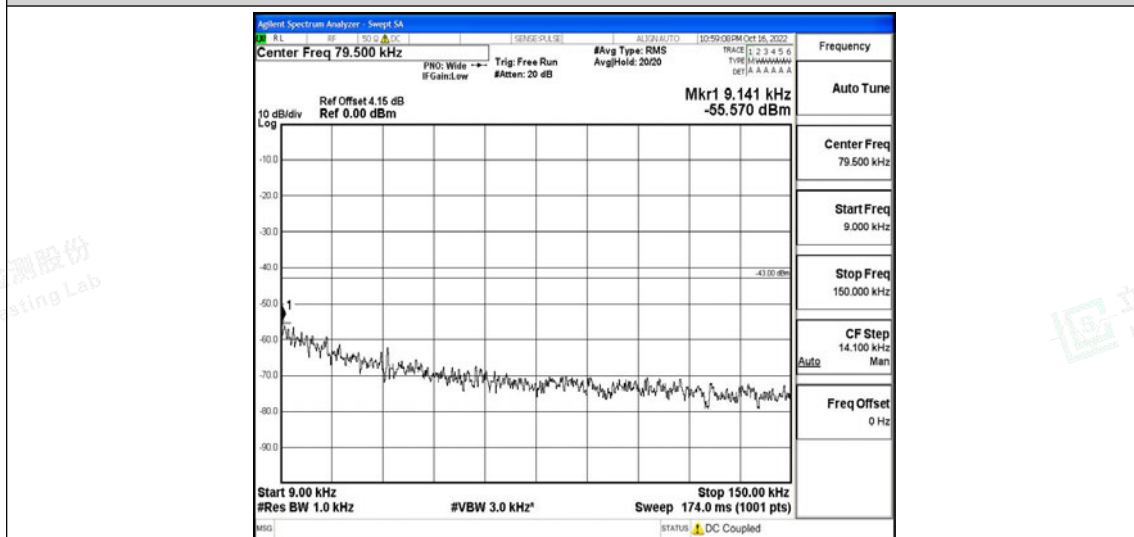


Band17-10MHz-QPSK-23790-1RB#0-Range4:1000~10000MHz

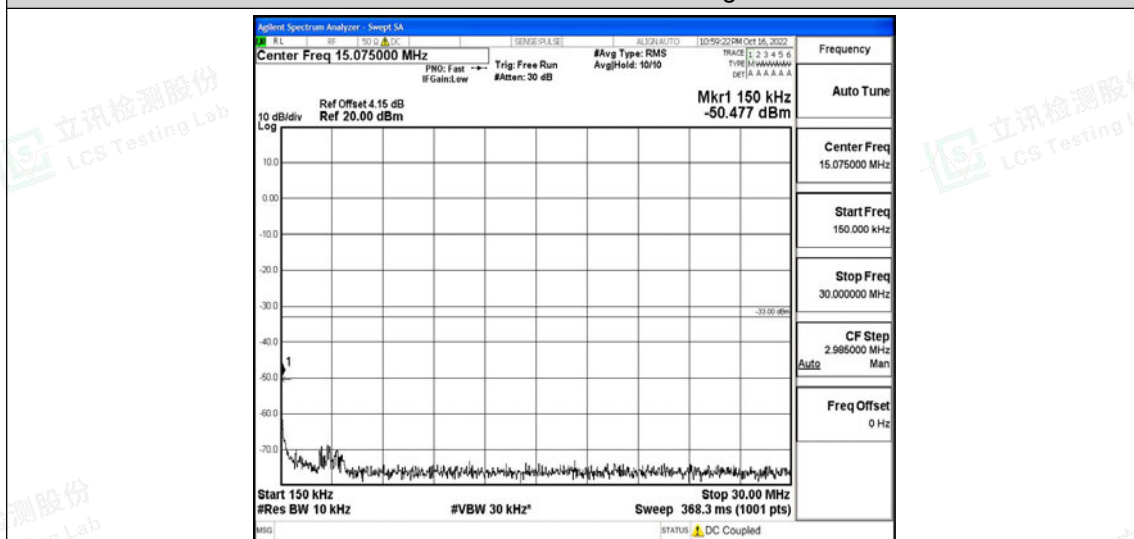




Band17-10MHz-QPSK-23800-1RB#0-Range1:0.009~0.15MHz

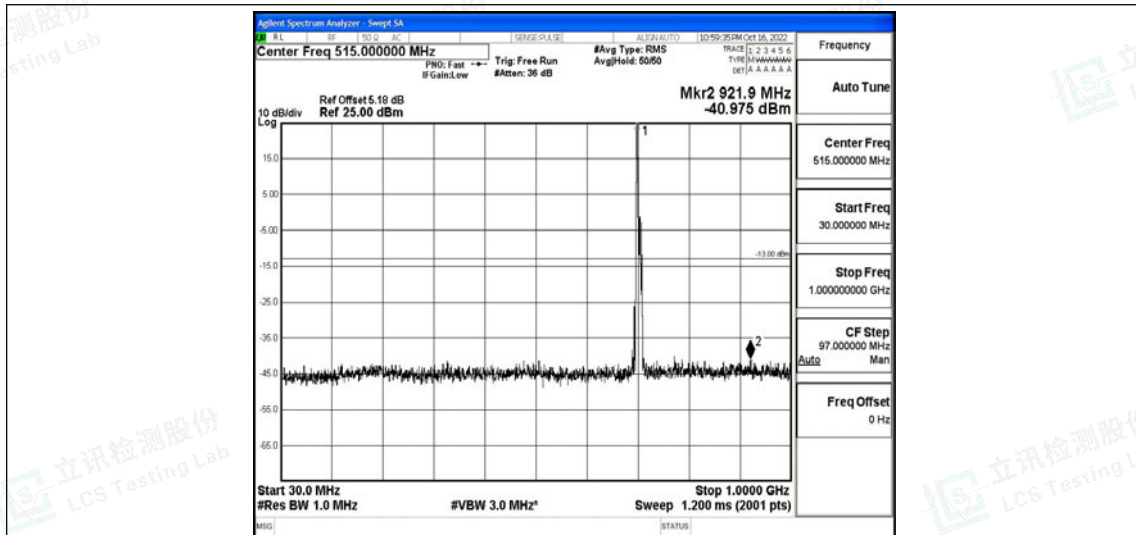


Band17-10MHz-QPSK-23800-1RB#0-Range2:0.15~30MHz

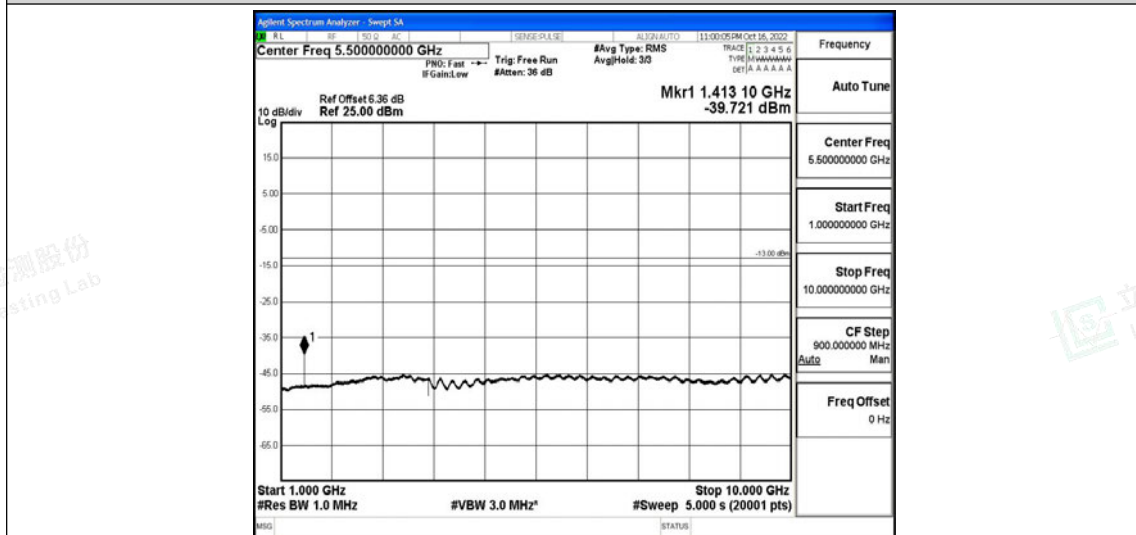


Band17-10MHz-QPSK-23800-1RB#0-Range3:30~1000MHz

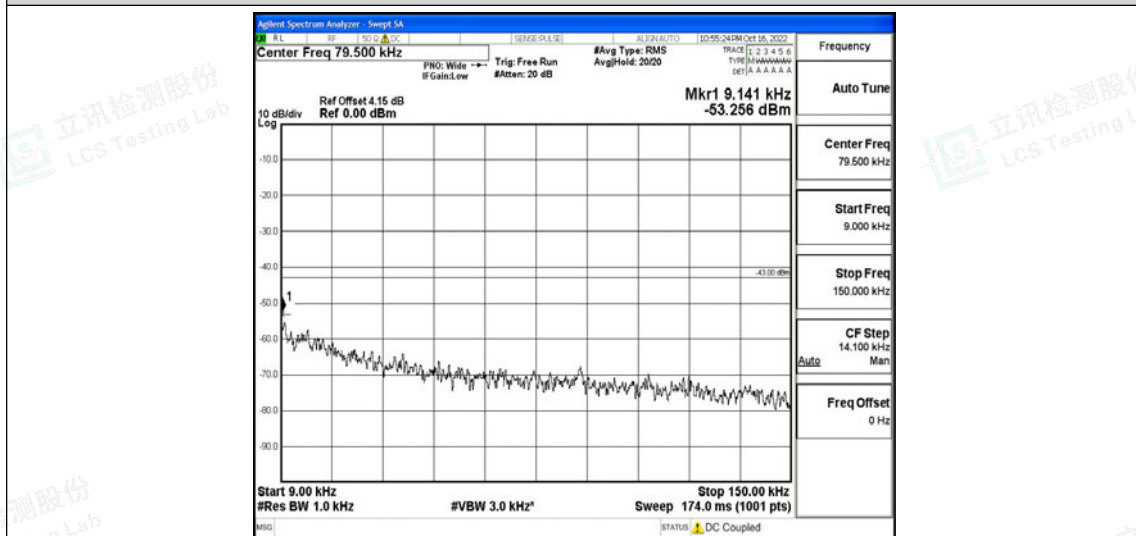




Band17-10MHz-QPSK-23800-1RB#0-Range4:1000~10000MHz

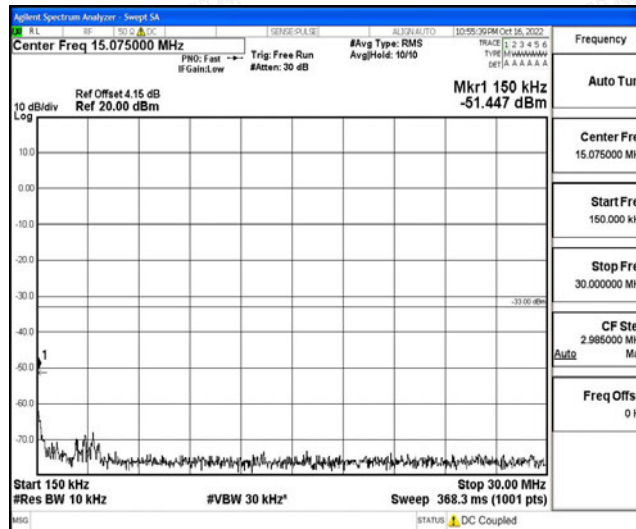


Band17-10MHz-16QAM-23780-1RB#0-Range1:0.009~0.15MHz

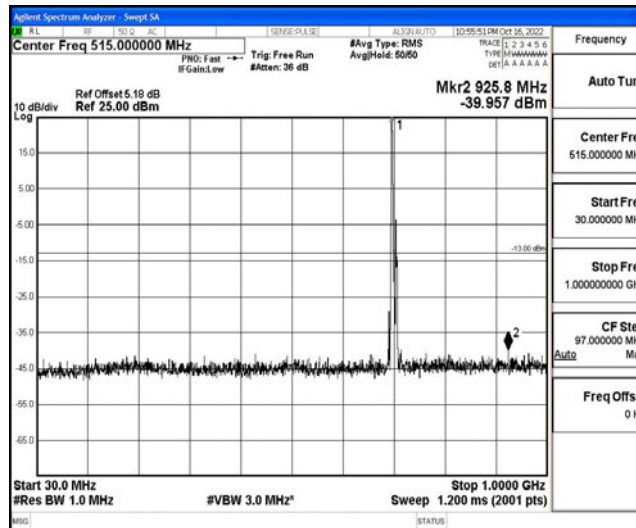


Band17-10MHz-16QAM-23780-1RB#0-Range2:0.15~30MHz

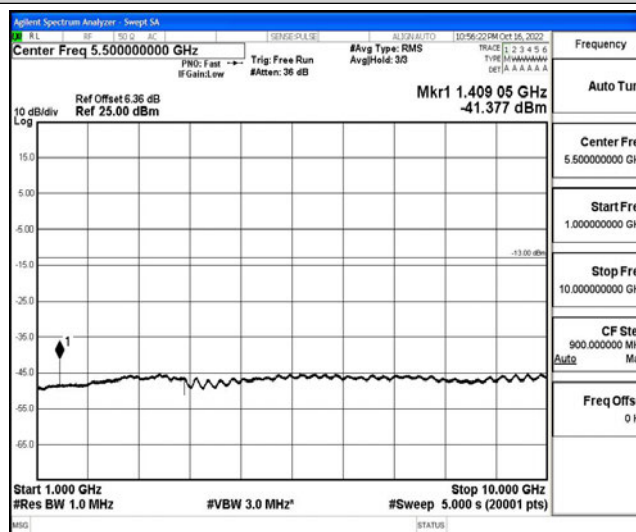




Band17-10MHz-16QAM-23780-1RB#0-Range3:30~1000MHz

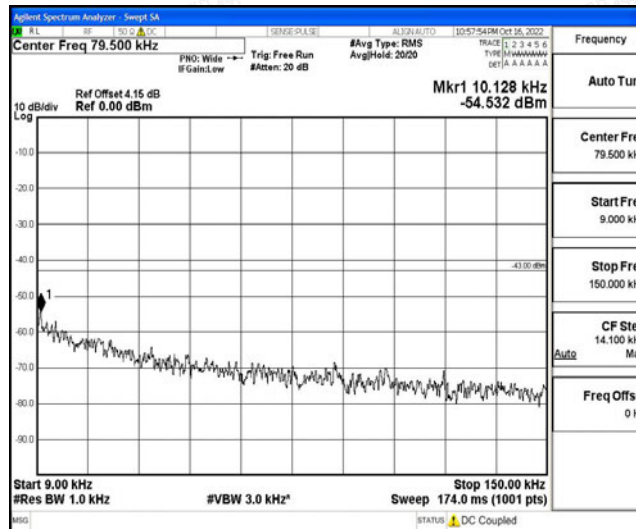


Band17-10MHz-16QAM-23780-1RB#0-Range4:1000~10000MHz

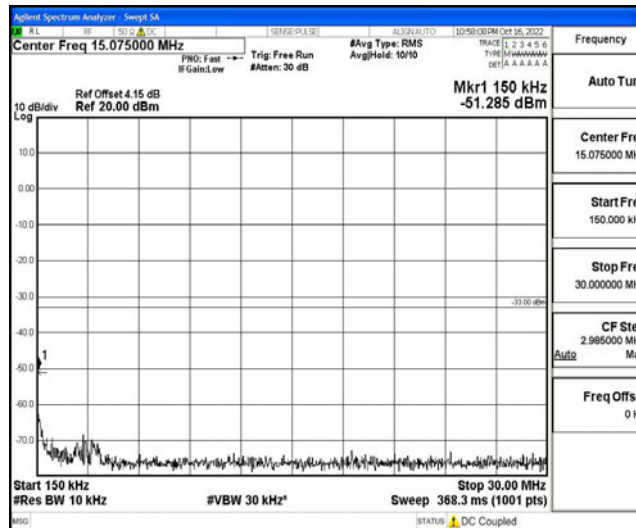


Band17-10MHz-16QAM-23790-1RB#0-Range1:0.009~0.15MHz

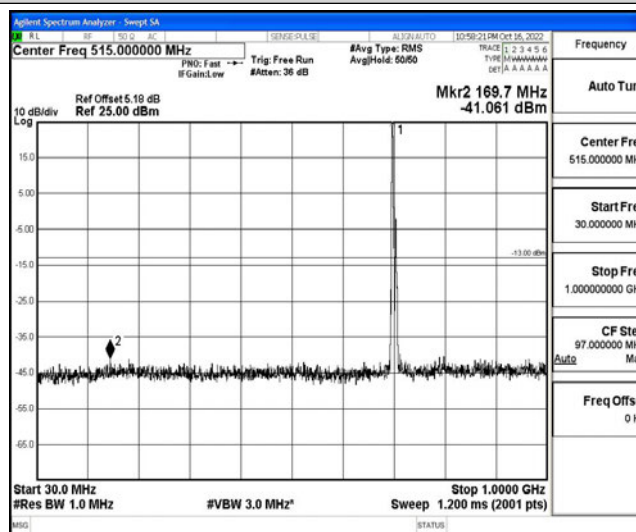




Band17-10MHz-16QAM-23790-1RB#0-Range2:0.15~30MHz

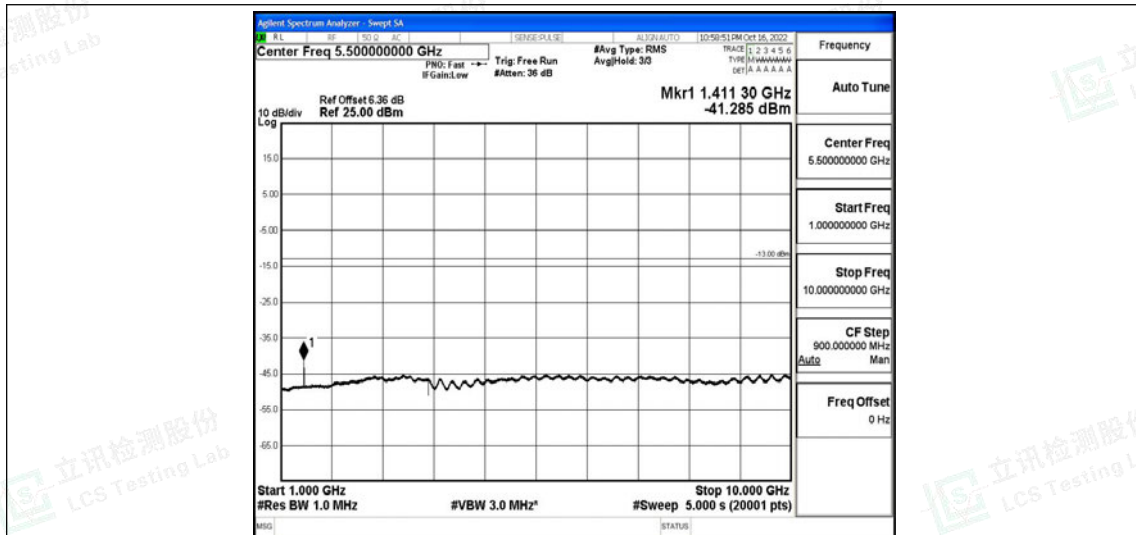


Band17-10MHz-16QAM-23790-1RB#0-Range3:30~1000MHz

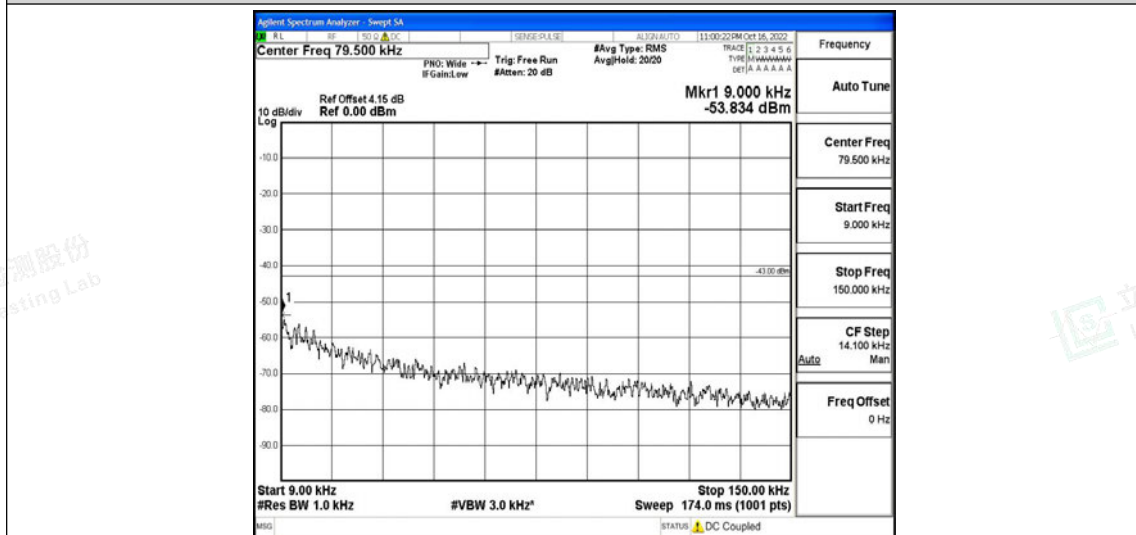


Band17-10MHz-16QAM-23790-1RB#0-Range4:1000~10000MHz

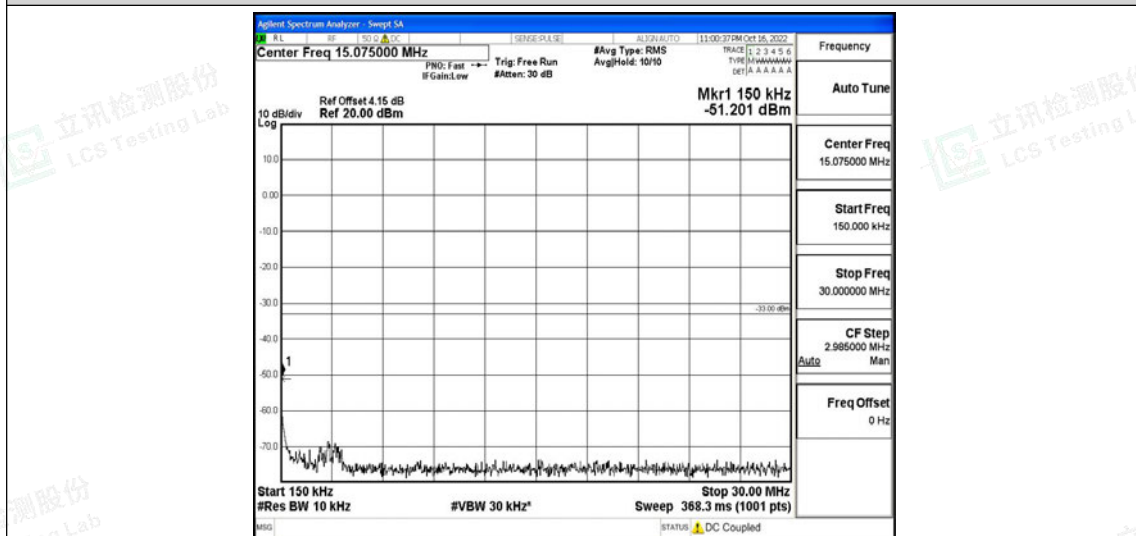




Band17-10MHz-16QAM-23800-1RB#0-Range1:0.009~0.15MHz

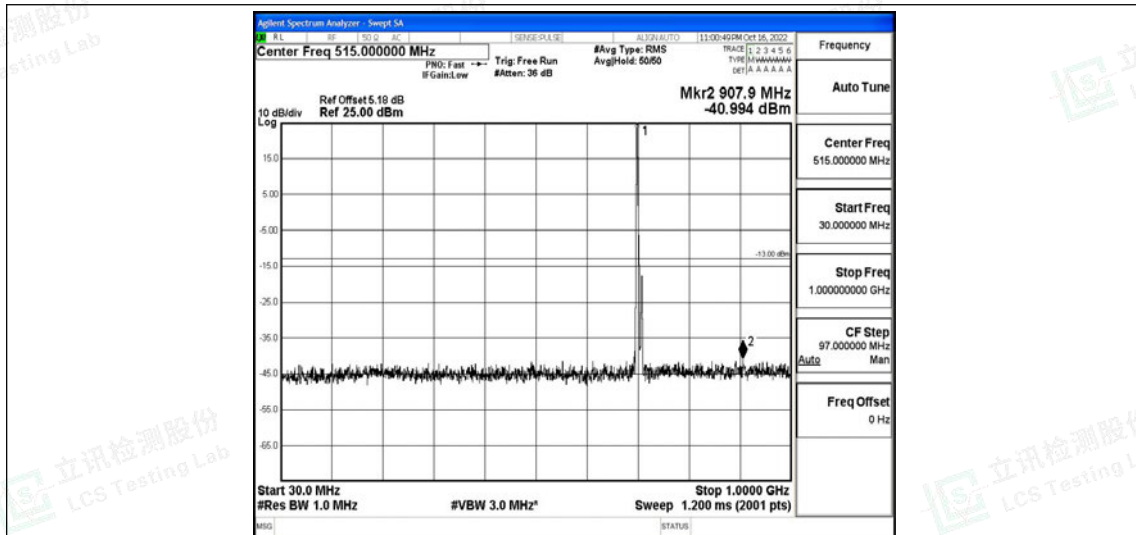


Band17-10MHz-16QAM-23800-1RB#0-Range2:0.15~30MHz



Band17-10MHz-16QAM-23800-1RB#0-Range3:30~1000MHz





Band17-10MHz-16QAM-23800-1RB#0-Range4:1000~10000MHz

