

Appendix for Band 14

Product Name: 4G Smart Router

Model No: GL-MiFiC4-EXT

Appendix A: Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band14	5MHz	QPSK	23305	1RB#0	24.71	PASS
Band14	5MHz	QPSK	23305	1RB#12	24.50	PASS
Band14	5MHz	QPSK	23305	1RB#24	24.70	PASS
Band14	5MHz	QPSK	23305	12RB#0	23.53	PASS
Band14	5MHz	QPSK	23305	12RB#6	23.77	PASS
Band14	5MHz	QPSK	23305	12RB#13	23.44	PASS
Band14	5MHz	QPSK	23305	25RB#0	23.55	PASS
Band14	5MHz	QPSK	23330	1RB#0	24.45	PASS
Band14	5MHz	QPSK	23330	1RB#12	24.46	PASS
Band14	5MHz	QPSK	23330	1RB#24	24.41	PASS
Band14	5MHz	QPSK	23330	12RB#0	23.43	PASS
Band14	5MHz	QPSK	23330	12RB#6	23.43	PASS
Band14	5MHz	QPSK	23330	12RB#13	23.44	PASS
Band14	5MHz	QPSK	23330	25RB#0	23.53	PASS
Band14	5MHz	QPSK	23355	1RB#0	24.52	PASS
Band14	5MHz	QPSK	23355	1RB#12	24.36	PASS
Band14	5MHz	QPSK	23355	1RB#24	24.62	PASS
Band14	5MHz	QPSK	23355	12RB#0	23.48	PASS
Band14	5MHz	QPSK	23355	12RB#6	23.42	PASS
Band14	5MHz	QPSK	23355	12RB#13	23.46	PASS
Band14	5MHz	QPSK	23355	25RB#0	23.51	PASS
Band14	5MHz	16QAM	23305	1RB#0	23.72	PASS
Band14	5MHz	16QAM	23305	1RB#12	23.61	PASS
Band14	5MHz	16QAM	23305	1RB#24	23.68	PASS
Band14	5MHz	16QAM	23305	12RB#0	22.62	PASS
Band14	5MHz	16QAM	23305	12RB#6	22.61	PASS
Band14	5MHz	16QAM	23305	12RB#13	22.53	PASS
Band14	5MHz	16QAM	23305	25RB#0	22.65	PASS
Band14	5MHz	16QAM	23330	1RB#0	23.42	PASS
Band14	5MHz	16QAM	23330	1RB#12	23.31	PASS
Band14	5MHz	16QAM	23330	1RB#24	23.52	PASS

Band14	5MHz	16QAM	23330	12RB#0	22.58	PASS
Band14	5MHz	16QAM	23330	12RB#6	22.48	PASS
Band14	5MHz	16QAM	23330	12RB#13	22.60	PASS
Band14	5MHz	16QAM	23330	25RB#0	22.39	PASS
Band14	5MHz	16QAM	23355	1RB#0	23.53	PASS
Band14	5MHz	16QAM	23355	1RB#12	23.33	PASS
Band14	5MHz	16QAM	23355	1RB#24	23.60	PASS
Band14	5MHz	16QAM	23355	12RB#0	22.37	PASS
Band14	5MHz	16QAM	23355	12RB#6	22.27	PASS
Band14	5MHz	16QAM	23355	12RB#13	22.31	PASS
Band14	5MHz	16QAM	23355	25RB#0	22.26	PASS
Band14	10MHz	QPSK	23330	1RB#0	24.38	PASS
Band14	10MHz	QPSK	23330	1RB#24	24.32	PASS
Band14	10MHz	QPSK	23330	1RB#49	24.31	PASS
Band14	10MHz	QPSK	23330	25RB#0	23.55	PASS
Band14	10MHz	QPSK	23330	25RB#12	23.55	PASS
Band14	10MHz	QPSK	23330	25RB#25	23.51	PASS
Band14	10MHz	QPSK	23330	50RB#0	23.76	PASS
Band14	10MHz	16QAM	23330	1RB#0	23.61	PASS
Band14	10MHz	16QAM	23330	1RB#24	23.71	PASS
Band14	10MHz	16QAM	23330	1RB#49	23.51	PASS
Band14	10MHz	16QAM	23330	25RB#0	22.52	PASS
Band14	10MHz	16QAM	23330	25RB#12	22.51	PASS
Band14	10MHz	16QAM	23330	25RB#25	22.38	PASS
Band14	10MHz	16QAM	23330	50RB#0	22.35	PASS

Appendix B: Peak-to-Average Ratio(CCDF)

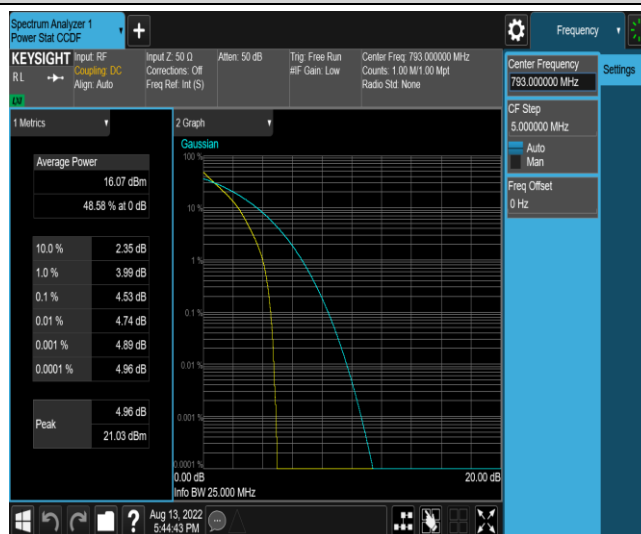
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band14	5MHz	QPSK	23305	1RB#0	4.00	13	PASS
Band14	5MHz	QPSK	23305	25RB#0	4.79	13	PASS
Band14	5MHz	QPSK	23330	1RB#0	4.06	13	PASS
Band14	5MHz	QPSK	23330	25RB#0	4.53	13	PASS
Band14	5MHz	QPSK	23355	1RB#0	3.69	13	PASS
Band14	5MHz	QPSK	23355	25RB#0	4.26	13	PASS
Band14	5MHz	16QAM	23305	1RB#0	4.90	13	PASS
Band14	5MHz	16QAM	23305	25RB#0	5.61	13	PASS
Band14	5MHz	16QAM	23330	1RB#0	4.84	13	PASS
Band14	5MHz	16QAM	23330	25RB#0	5.43	13	PASS
Band14	5MHz	16QAM	23355	1RB#0	4.49	13	PASS
Band14	5MHz	16QAM	23355	25RB#0	5.17	13	PASS
Band14	10MHz	QPSK	23330	1RB#0	3.99	13	PASS
Band14	10MHz	QPSK	23330	50RB#0	4.57	13	PASS
Band14	10MHz	16QAM	23330	1RB#0	4.90	13	PASS
Band14	10MHz	16QAM	23330	50RB#0	5.45	13	PASS

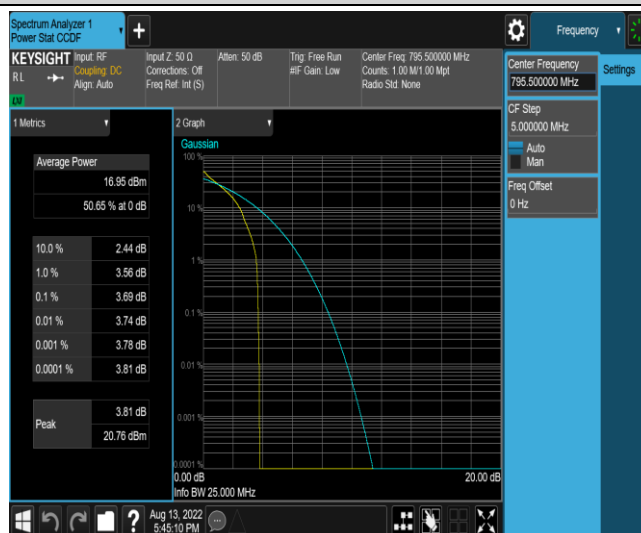
Test Graphs



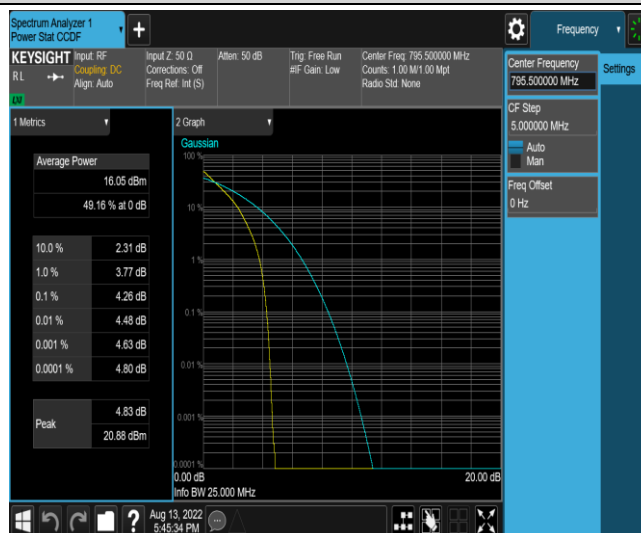
Band14-5MHz-QPSK-23330-1RB#0



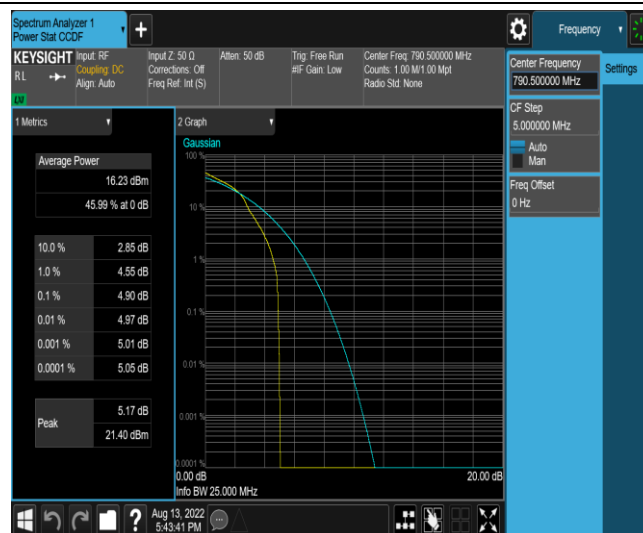
Band14-5MHz-QPSK-23330-25RB#0



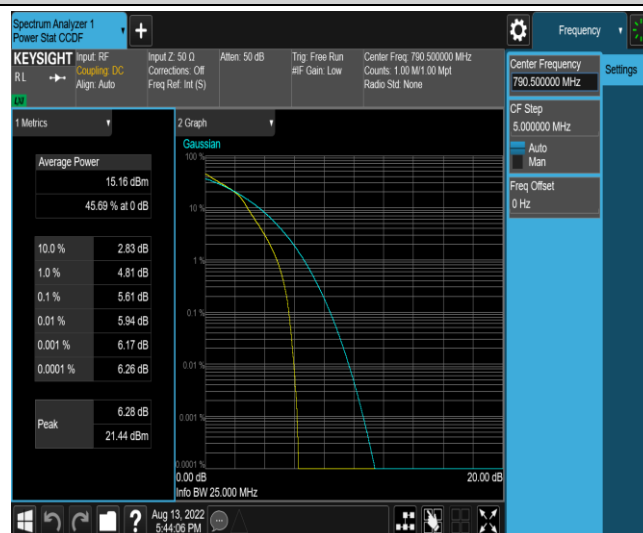
Band14-5MHz-QPSK-23355-1RB#0



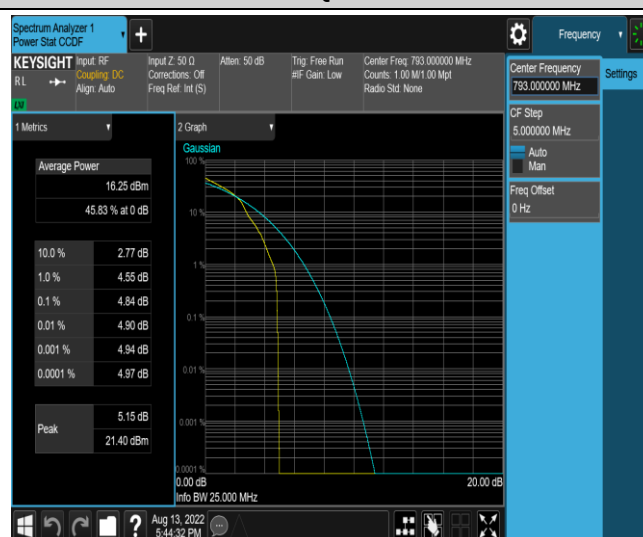
Band14-5MHz-QPSK-23355-25RB#0



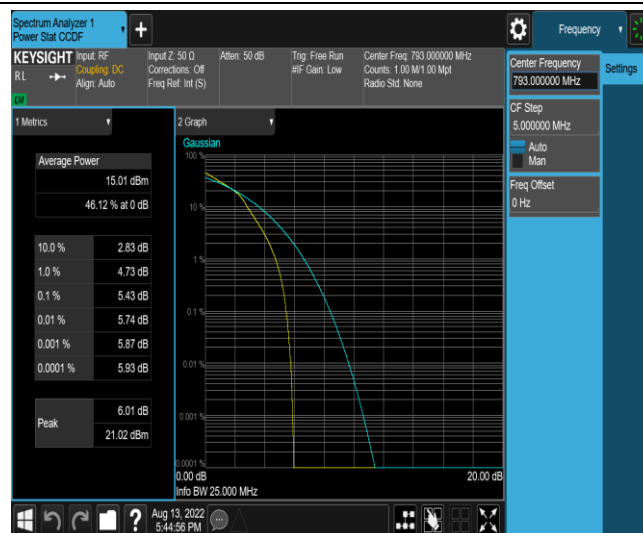
Band14-5MHz-16QAM-23305-1RB#0



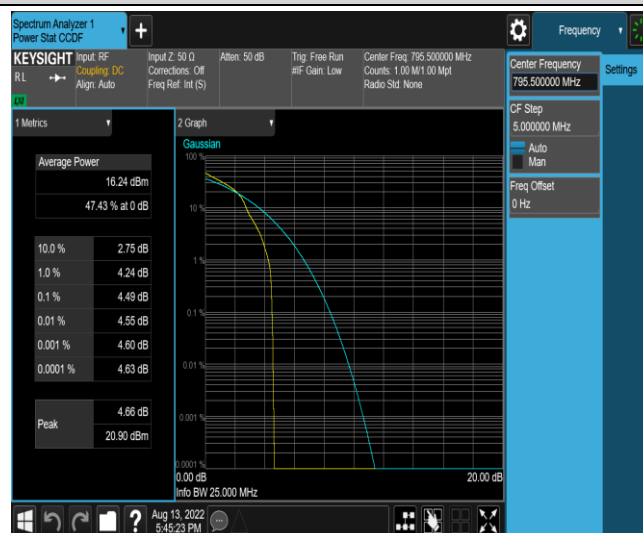
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Band14-5MHz-16QAM-23330-1RB#0



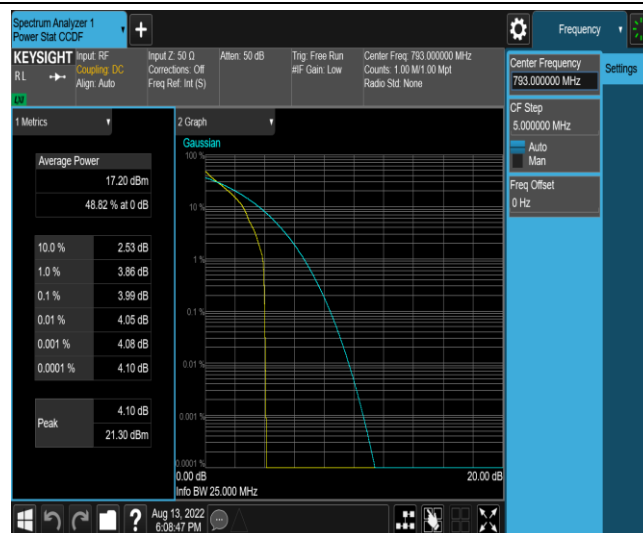
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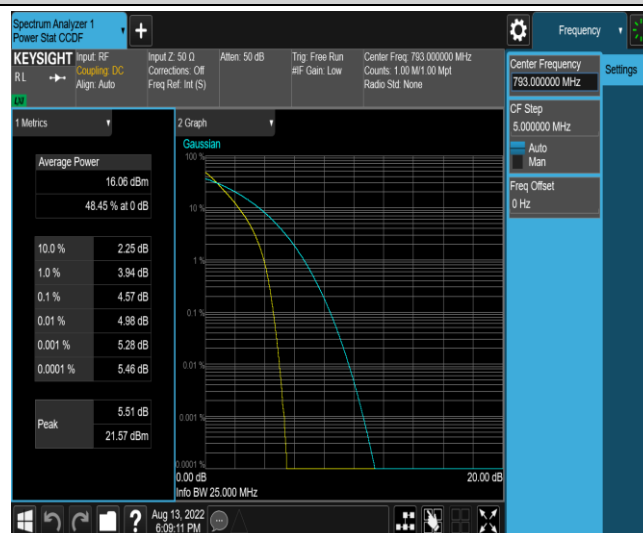
Band14-5MHz-16QAM-23355-1RB#0



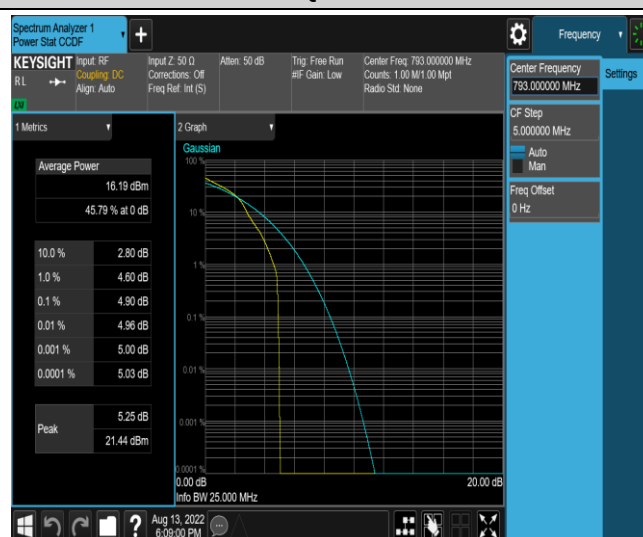
Band14-5MHz-16QAM-23355-25RB#0



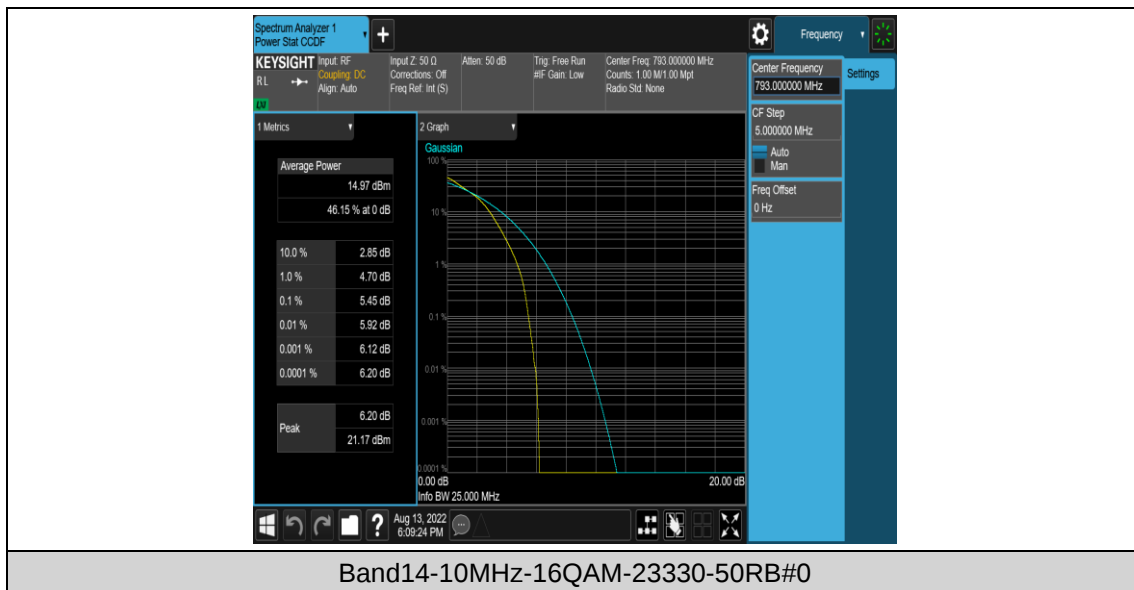
Band14-10MHz-QPSK-23330-1RB#0



Band14-10MHz-QPSK-23330-50RB#0



Band14-10MHz-16QAM-23330-1RB#0

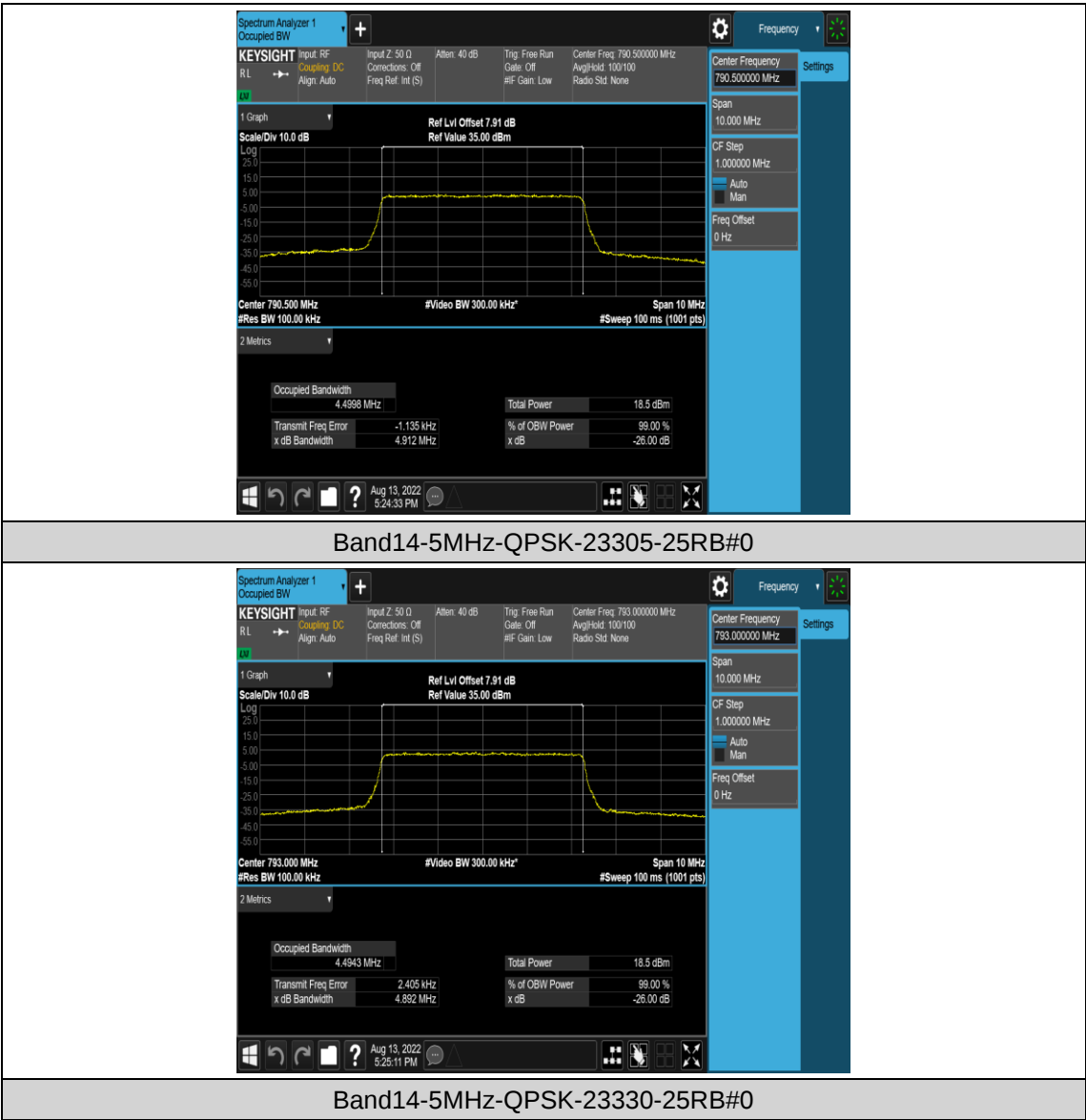


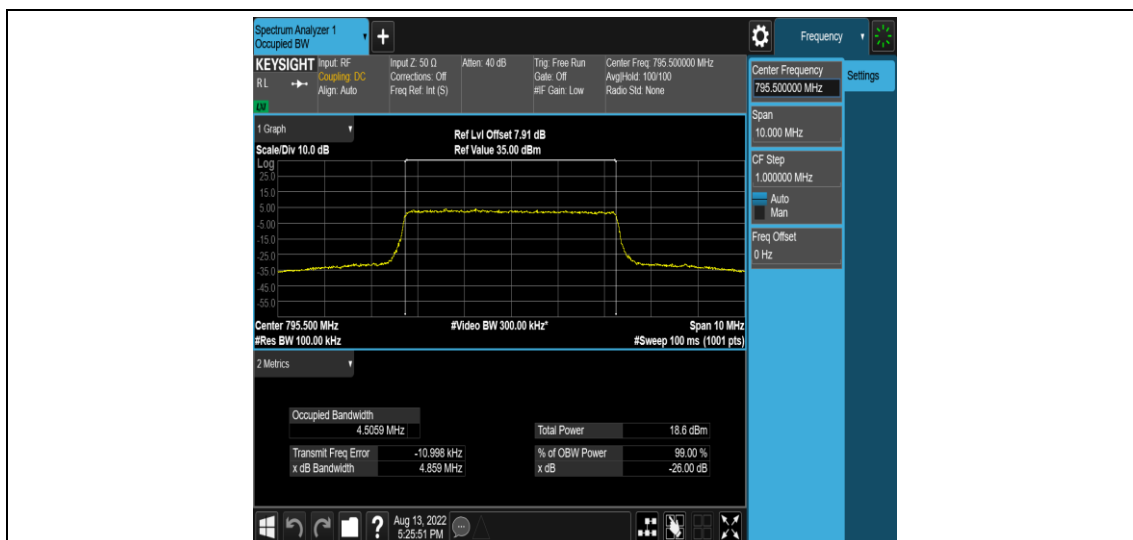
Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

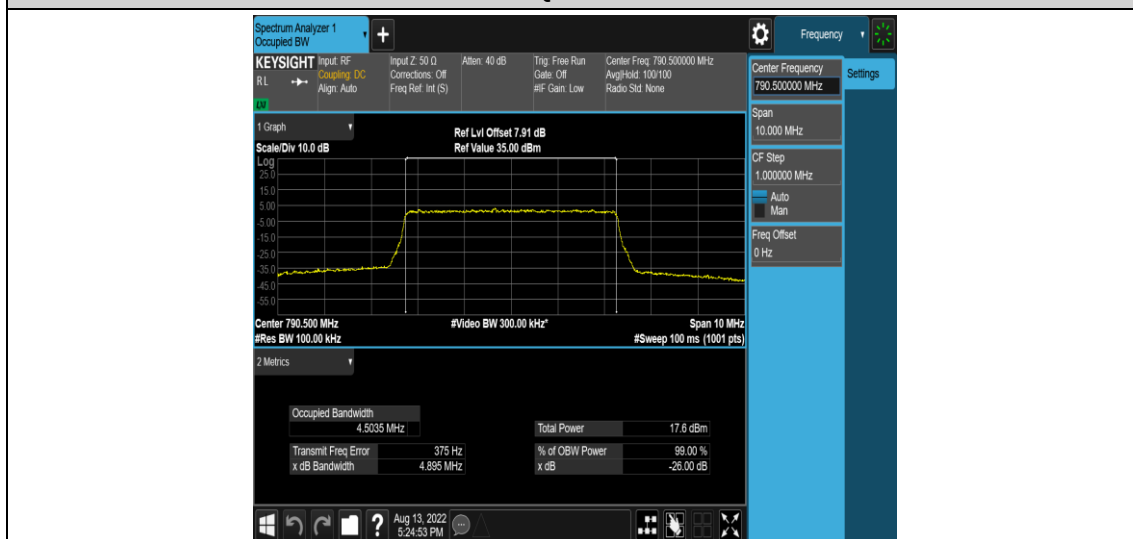
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band14	5MHz	QPSK	23305	25RB#0	4.4998	4.912	PASS
Band14	5MHz	QPSK	23330	25RB#0	4.4943	4.892	PASS
Band14	5MHz	QPSK	23355	25RB#0	4.5059	4.859	PASS
Band14	5MHz	16QAM	23305	25RB#0	4.5035	4.895	PASS
Band14	5MHz	16QAM	23330	25RB#0	4.4977	4.888	PASS
Band14	5MHz	16QAM	23355	25RB#0	4.5019	4.883	PASS
Band14	10MHz	QPSK	23330	50RB#0	8.9567	9.552	PASS
Band14	10MHz	16QAM	23330	50RB#0	8.9417	9.517	PASS

Test Graphs

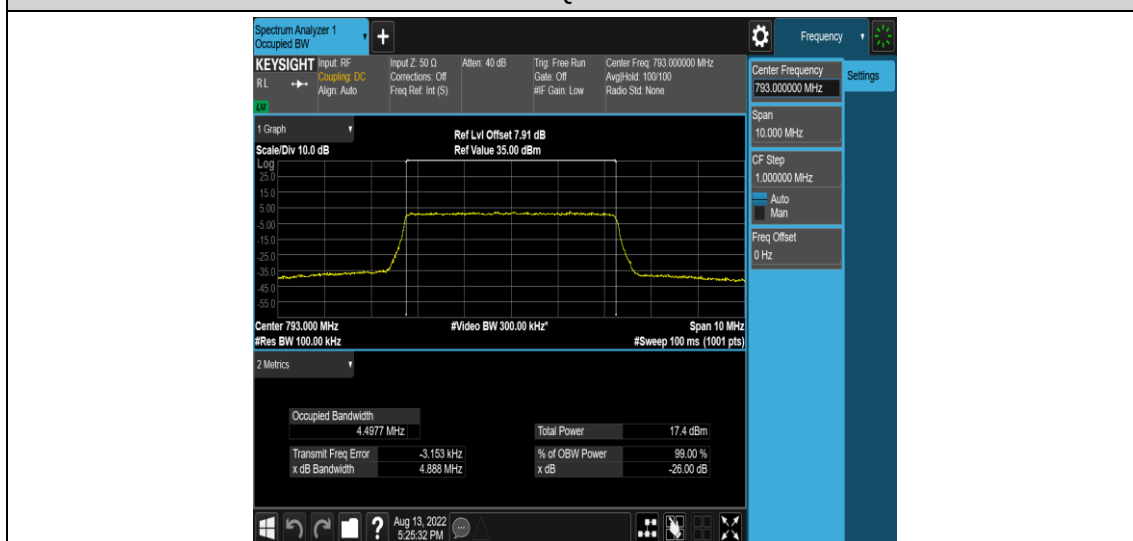




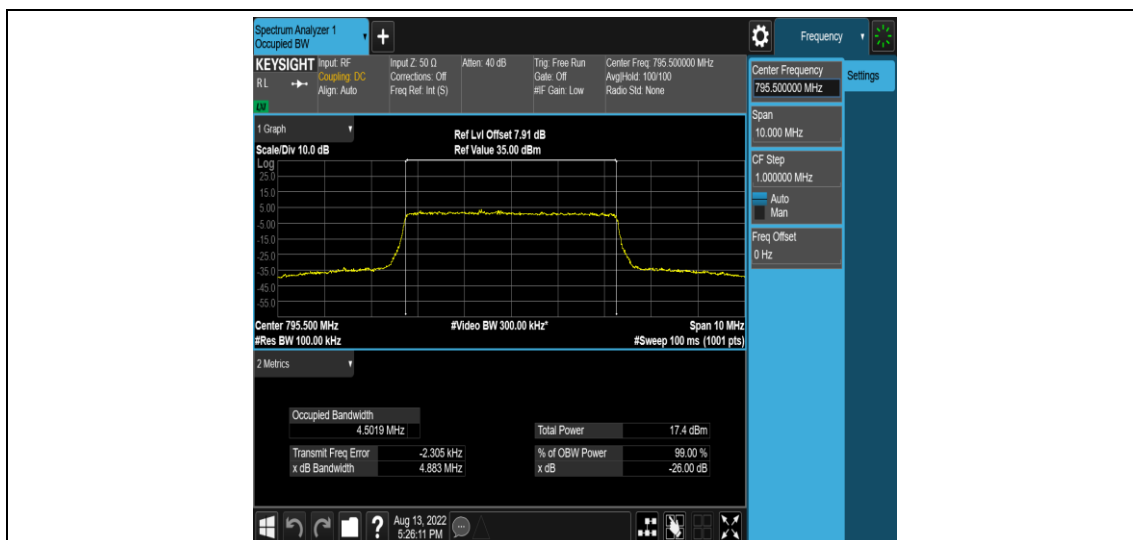
Band14-5MHz-QPSK-23355-25RB#0



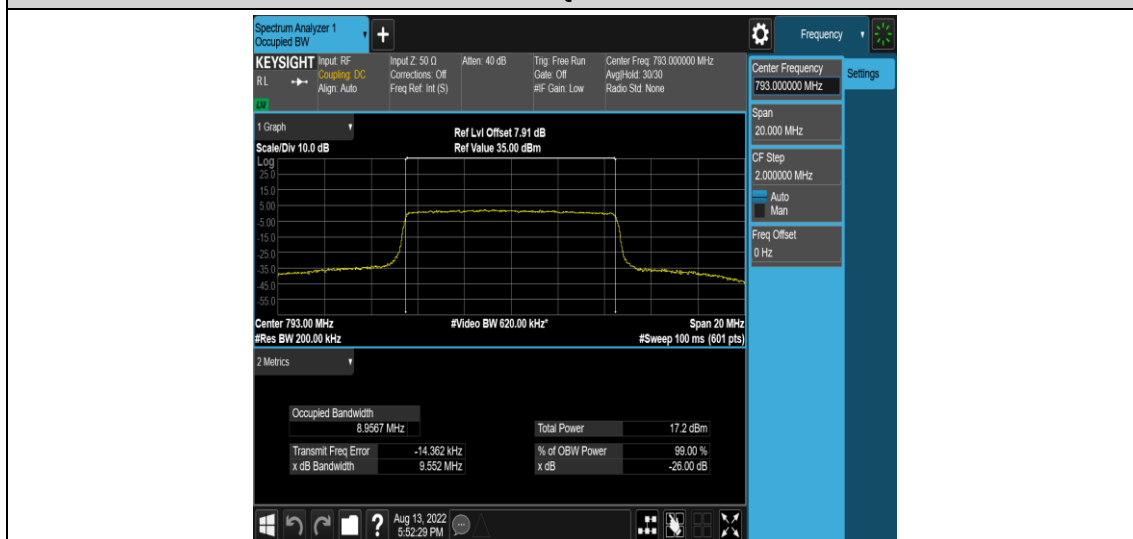
Band14-5MHz-16QAM-23305-25RB#0



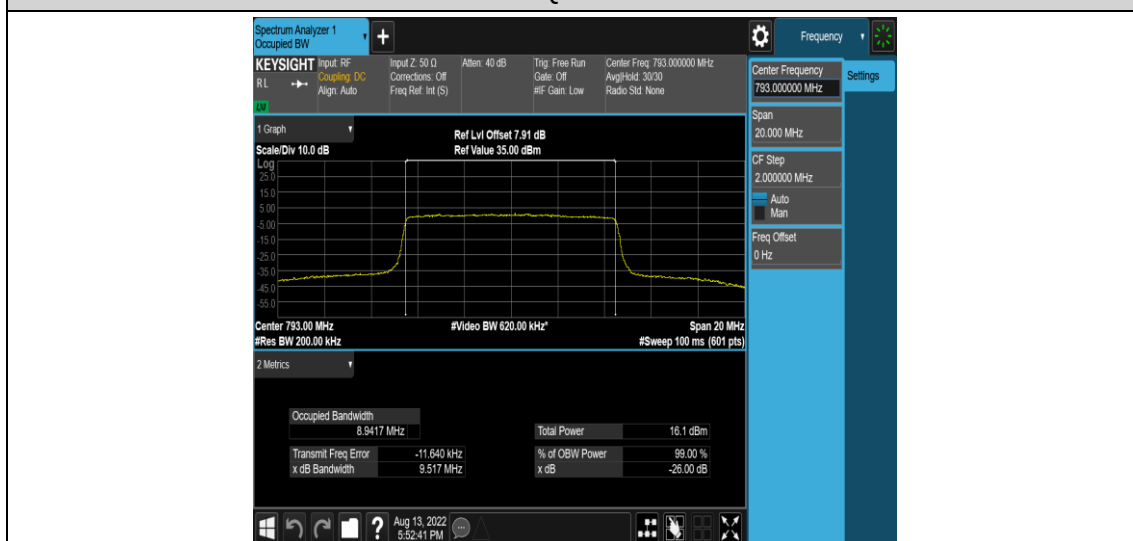
Band14-5MHz-16QAM-23330-25RB#0



Band14-5MHz-16QAM-23355-25RB#0



Band14-10MHz-QPSK-23330-50RB#0



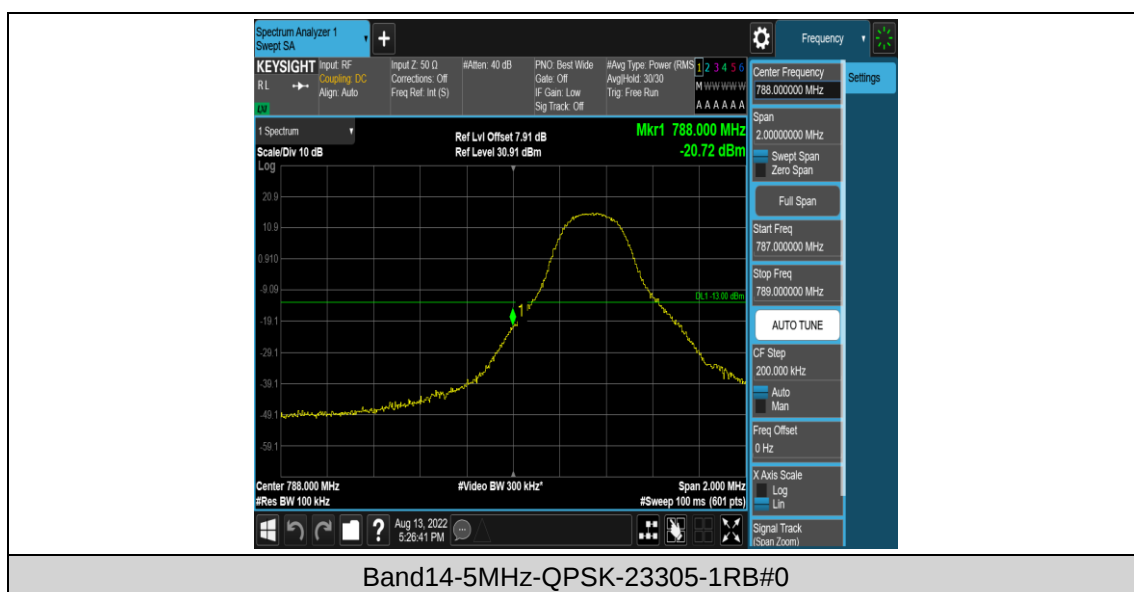
Band14-10MHz-16QAM-23330-50RB#0

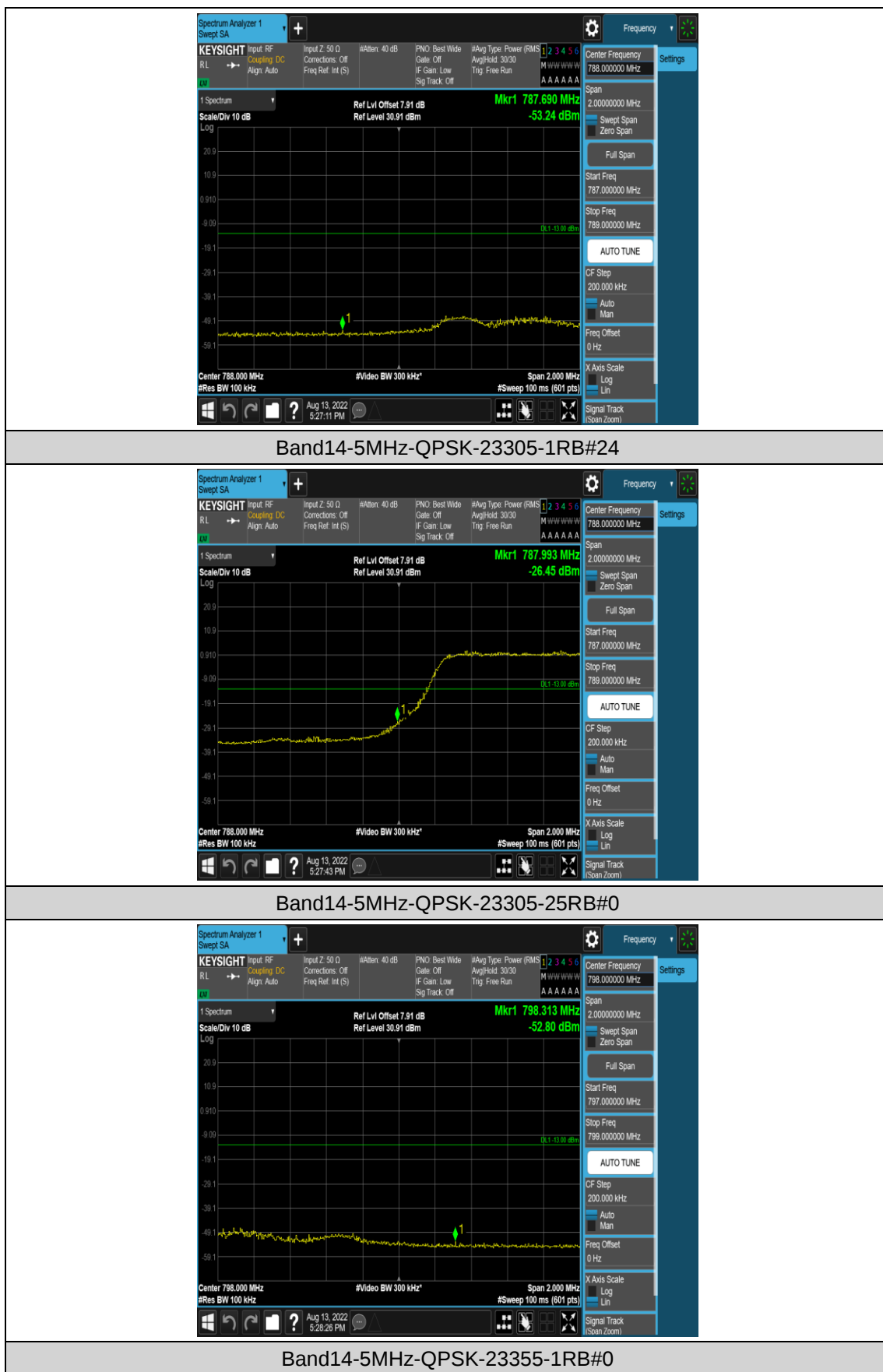
Appendix D: Band Edge

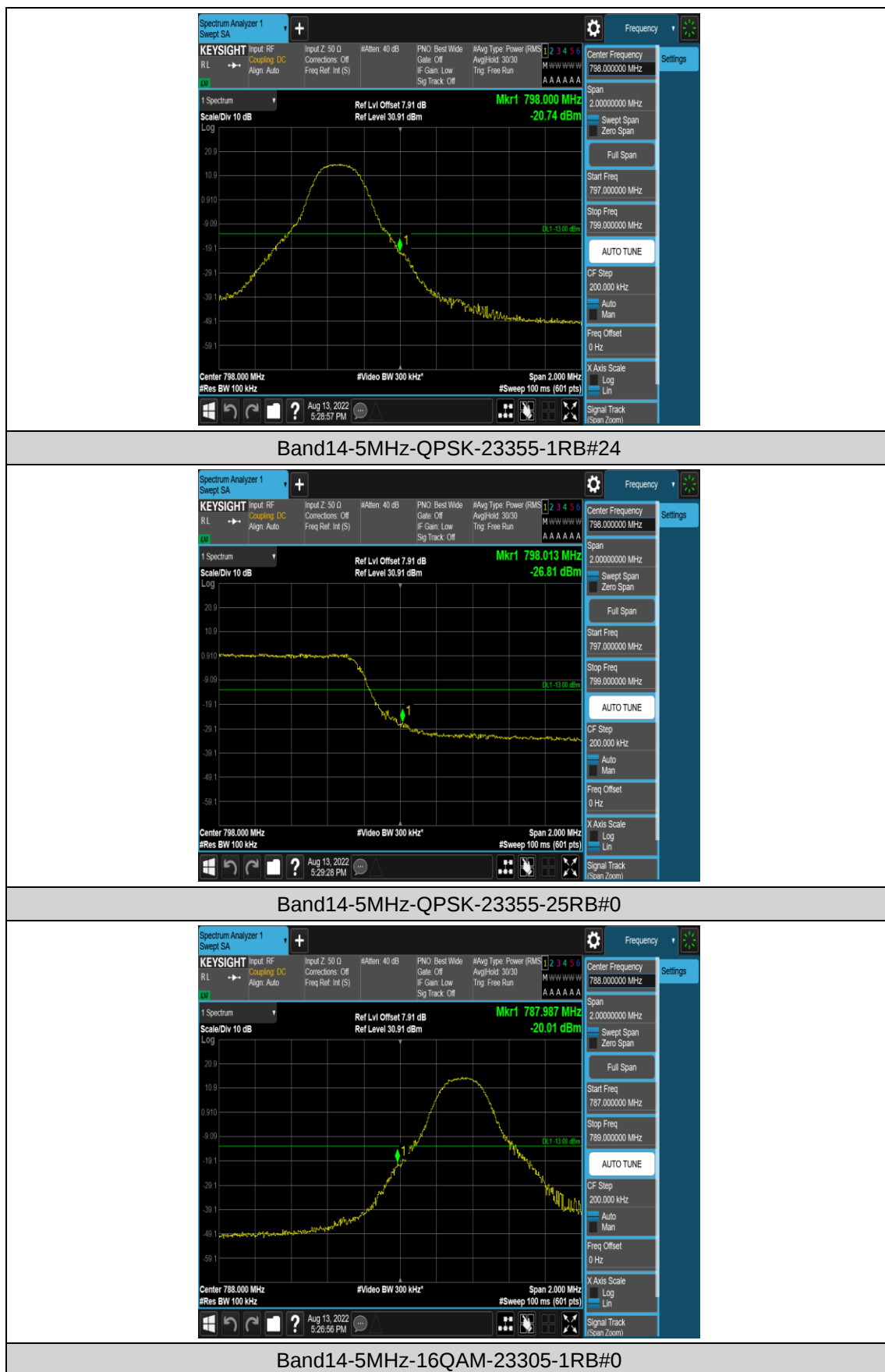
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band14	5MHz	QPSK	23305	1RB#0	-20.72	PASS
Band14	5MHz	QPSK	23305	1RB#24	-53.24	PASS
Band14	5MHz	QPSK	23305	25RB#0	-26.45	PASS
Band14	5MHz	QPSK	23355	1RB#0	-52.80	PASS
Band14	5MHz	QPSK	23355	1RB#24	-20.74	PASS
Band14	5MHz	QPSK	23355	25RB#0	-26.81	PASS
Band14	5MHz	16QAM	23305	1RB#0	-20.01	PASS
Band14	5MHz	16QAM	23305	1RB#24	-52.79	PASS
Band14	5MHz	16QAM	23305	25RB#0	-28.08	PASS
Band14	5MHz	16QAM	23355	1RB#0	-53.38	PASS
Band14	5MHz	16QAM	23355	1RB#24	-19.84	PASS
Band14	5MHz	16QAM	23355	25RB#0	-28.23	PASS

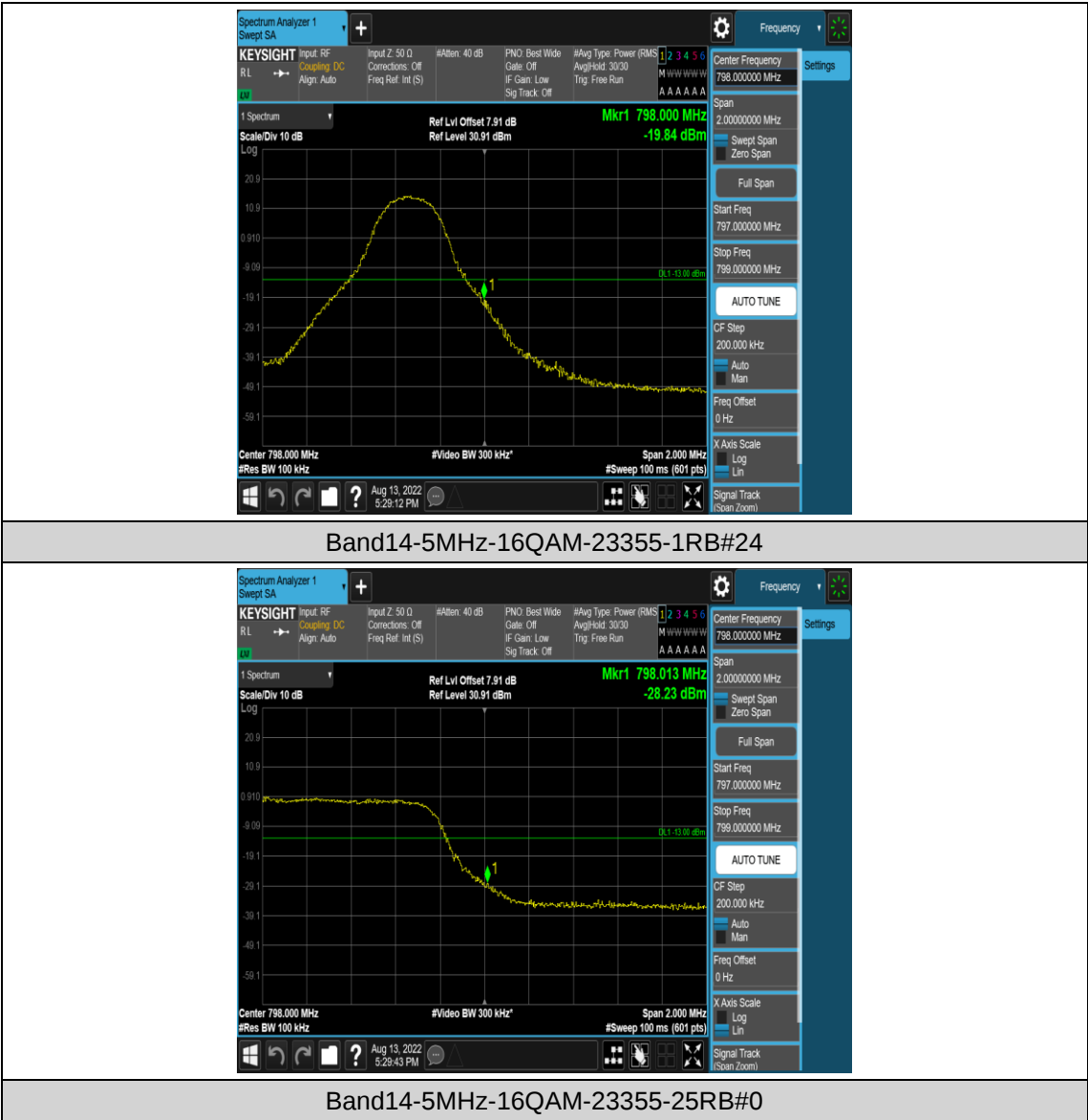
Test Graphs











Appendix E: Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Verdict
Band14	5MHz	QPSK	23305	1RB#0	Range1:0.009~0.15MHz	PASS
Band14	5MHz	QPSK	23305	1RB#0	Range2:0.15~30MHz	PASS
Band14	5MHz	QPSK	23305	1RB#0	Range3:30~1000MHz	PASS
Band14	5MHz	QPSK	23305	1RB#0	Range5:769~775MHz	PASS
Band14	5MHz	QPSK	23305	1RB#0	Range7:775~788MHz	PASS
Band14	5MHz	QPSK	23305	1RB#0	Range6:799~805MHz	PASS
Band14	5MHz	QPSK	23305	1RB#0	Range8:805~1000MHz	PASS
Band14	5MHz	QPSK	23305	1RB#0	Range4:1000~10000MHz	PASS
Band14	5MHz	QPSK	23305	1RB#0	Range9:1000~10000MHz	PASS
Band14	5MHz	QPSK	23330	1RB#0	Range1:0.009~0.15MHz	PASS
Band14	5MHz	QPSK	23330	1RB#0	Range2:0.15~30MHz	PASS
Band14	5MHz	QPSK	23330	1RB#0	Range3:30~1000MHz	PASS
Band14	5MHz	QPSK	23330	1RB#0	Range5:769~775MHz	PASS
Band14	5MHz	QPSK	23330	1RB#0	Range7:775~788MHz	PASS
Band14	5MHz	QPSK	23330	1RB#0	Range6:799~805MHz	PASS
Band14	5MHz	QPSK	23330	1RB#0	Range8:805~1000MHz	PASS
Band14	5MHz	QPSK	23330	1RB#0	Range9:1000~10000MHz	PASS
Band14	5MHz	QPSK	23330	1RB#0	Range4:1000~10000MHz	PASS
Band14	5MHz	QPSK	23355	1RB#0	Range1:0.009~0.15MHz	PASS
Band14	5MHz	QPSK	23355	1RB#0	Range2:0.15~30MHz	PASS
Band14	5MHz	QPSK	23355	1RB#0	Range3:30~1000MHz	PASS
Band14	5MHz	QPSK	23355	1RB#0	Range5:769~775MHz	PASS
Band14	5MHz	QPSK	23355	1RB#0	Range7:775~788MHz	PASS
Band14	5MHz	QPSK	23355	1RB#0	Range6:799~805MHz	PASS
Band14	5MHz	QPSK	23355	1RB#0	Range8:805~1000MHz	PASS
Band14	5MHz	QPSK	23355	1RB#0	Range4:1000~10000MHz	PASS
Band14	5MHz	QPSK	23355	1RB#0	Range9:1000~10000MHz	PASS
Band14	5MHz	16QAM	23305	1RB#0	Range1:0.009~0.15MHz	PASS
Band14	5MHz	16QAM	23305	1RB#0	Range2:0.15~30MHz	PASS
Band14	5MHz	16QAM	23305	1RB#0	Range3:30~1000MHz	PASS
Band14	5MHz	16QAM	23305	1RB#0	Range5:769~775MHz	PASS
Band14	5MHz	16QAM	23305	1RB#0	Range7:775~788MHz	PASS
Band14	5MHz	16QAM	23305	1RB#0	Range6:799~805MHz	PASS
Band14	5MHz	16QAM	23305	1RB#0	Range8:805~1000MHz	PASS
Band14	5MHz	16QAM	23305	1RB#0	Range9:1000~10000MHz	PASS

Band14	5MHz	16QAM	23305	1RB#0	Range4:1000~10000MHz	PASS
Band14	5MHz	16QAM	23330	1RB#0	Range1:0.009~0.15MHz	PASS
Band14	5MHz	16QAM	23330	1RB#0	Range2:0.15~30MHz	PASS
Band14	5MHz	16QAM	23330	1RB#0	Range3:30~1000MHz	PASS
Band14	5MHz	16QAM	23330	1RB#0	Range5:769~775MHz	PASS
Band14	5MHz	16QAM	23330	1RB#0	Range7:775~788MHz	PASS
Band14	5MHz	16QAM	23330	1RB#0	Range6:799~805MHz	PASS
Band14	5MHz	16QAM	23330	1RB#0	Range8:805~1000MHz	PASS
Band14	5MHz	16QAM	23330	1RB#0	Range9:1000~10000MHz	PASS
Band14	5MHz	16QAM	23330	1RB#0	Range4:1000~10000MHz	PASS
Band14	5MHz	16QAM	23355	1RB#0	Range1:0.009~0.15MHz	PASS
Band14	5MHz	16QAM	23355	1RB#0	Range2:0.15~30MHz	PASS
Band14	5MHz	16QAM	23355	1RB#0	Range3:30~1000MHz	PASS
Band14	5MHz	16QAM	23355	1RB#0	Range5:769~775MHz	PASS
Band14	5MHz	16QAM	23355	1RB#0	Range7:775~788MHz	PASS
Band14	5MHz	16QAM	23355	1RB#0	Range6:799~805MHz	PASS
Band14	5MHz	16QAM	23355	1RB#0	Range8:805~1000MHz	PASS
Band14	5MHz	16QAM	23355	1RB#0	Range4:1000~10000MHz	PASS
Band14	5MHz	16QAM	23355	1RB#0	Range9:1000~10000MHz	PASS
Band14	10MHz	QPSK	23330	1RB#0	Range1:0.009~0.15MHz	PASS
Band14	10MHz	QPSK	23330	1RB#0	Range2:0.15~30MHz	PASS
Band14	10MHz	QPSK	23330	1RB#0	Range3:30~1000MHz	PASS
Band14	10MHz	QPSK	23330	1RB#0	Range5:769~775MHz	PASS
Band14	10MHz	QPSK	23330	1RB#0	Range7:775~788MHz	PASS
Band14	10MHz	QPSK	23330	1RB#0	Range6:799~805MHz	PASS
Band14	10MHz	QPSK	23330	1RB#0	Range8:805~1000MHz	PASS
Band14	10MHz	QPSK	23330	1RB#0	Range9:1000~10000MHz	PASS
Band14	10MHz	QPSK	23330	1RB#0	Range4:1000~10000MHz	PASS
Band14	10MHz	16QAM	23330	1RB#0	Range1:0.009~0.15MHz	PASS
Band14	10MHz	16QAM	23330	1RB#0	Range2:0.15~30MHz	PASS
Band14	10MHz	16QAM	23330	1RB#0	Range3:30~1000MHz	PASS
Band14	10MHz	16QAM	23330	1RB#0	Range5:769~775MHz	PASS
Band14	10MHz	16QAM	23330	1RB#0	Range7:775~788MHz	PASS
Band14	10MHz	16QAM	23330	1RB#0	Range6:799~805MHz	PASS
Band14	10MHz	16QAM	23330	1RB#0	Range8:805~1000MHz	PASS
Band14	10MHz	16QAM	23330	1RB#0	Range9:1000~10000MHz	PASS
Band14	10MHz	16QAM	23330	1RB#0	Range4:1000~10000MHz	PASS

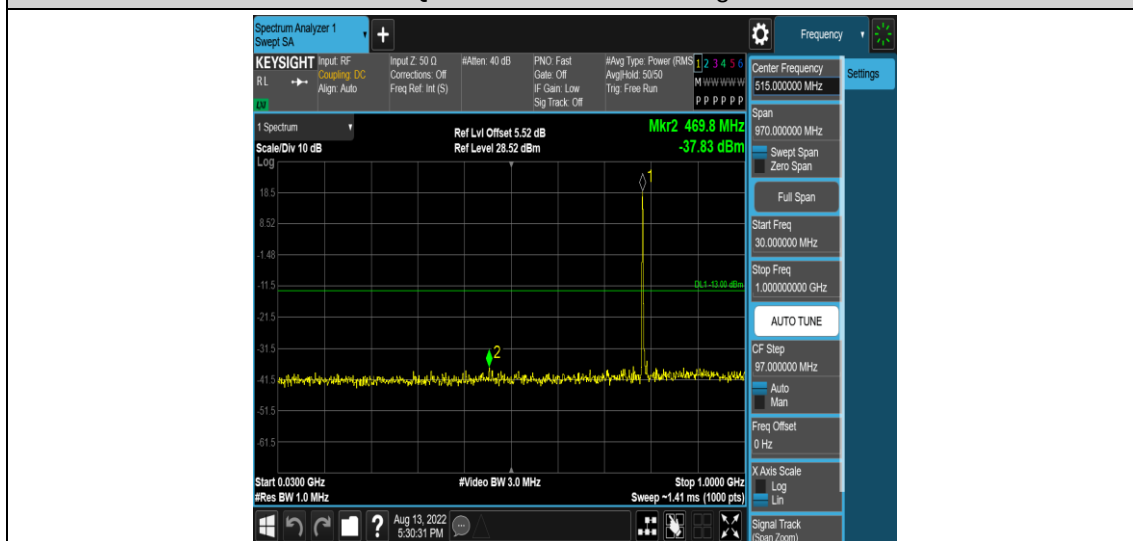
Test Graphs



Band14-5MHz-QPSK-23305-1RB#0-Range1:0.009~0.15MHz



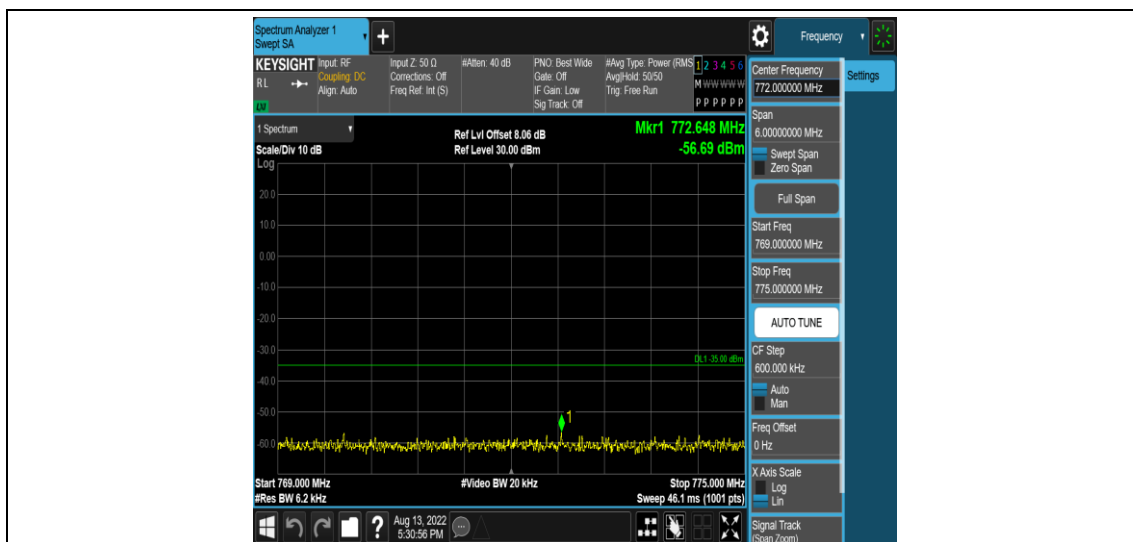
Band14-5MHz-QPSK-23305-1RB#0-Range2:0.15~30MHz



Band14-5MHz-QPSK-23305-1RB#0-Range3:30~1000MHz

Waltek Testing Group (Shenzhen) Co., Ltd.

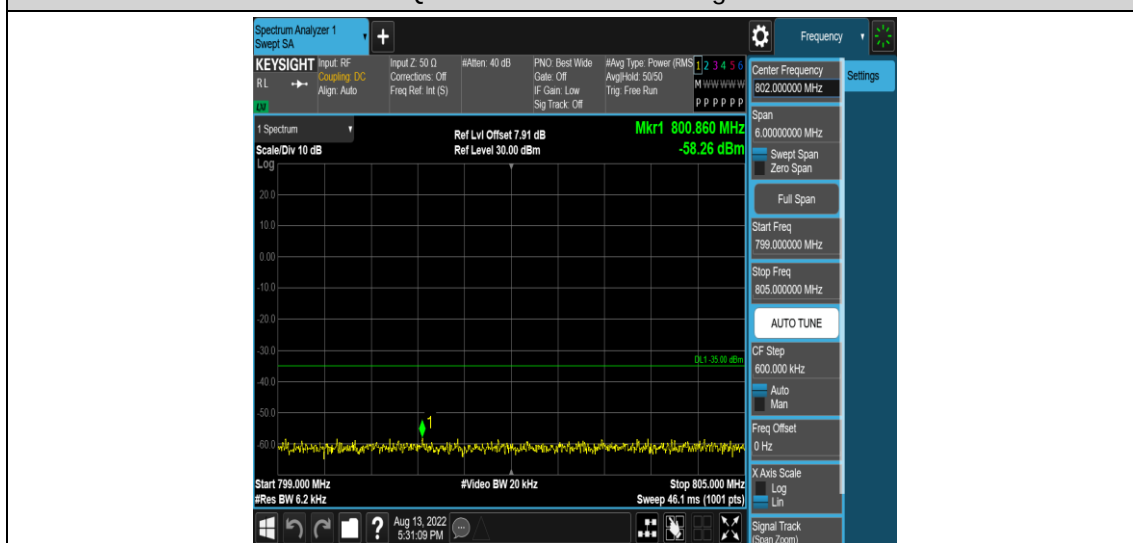
<http://www.waltek.com.cn>



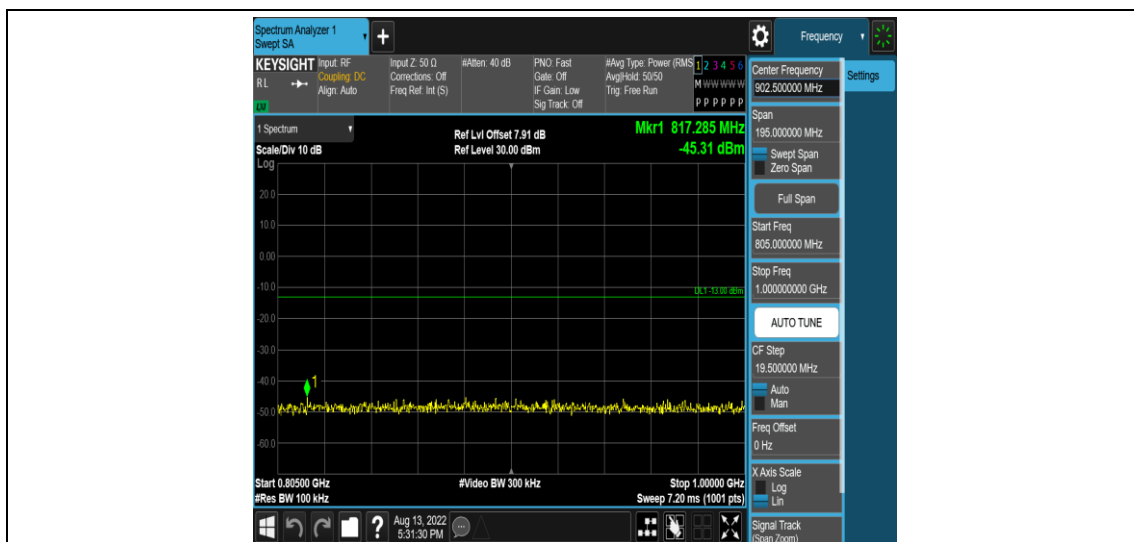
Band14-5MHz-QPSK-23305-1RB#0-Range5:769~775MHz



Band14-5MHz-QPSK-23305-1RB#0-Range7:775~788MHz



Band14-5MHz-QPSK-23305-1RB#0-Range6:799~805MHz



Band14-5MHz-QPSK-23305-1RB#0-Range8:805~1000MHz



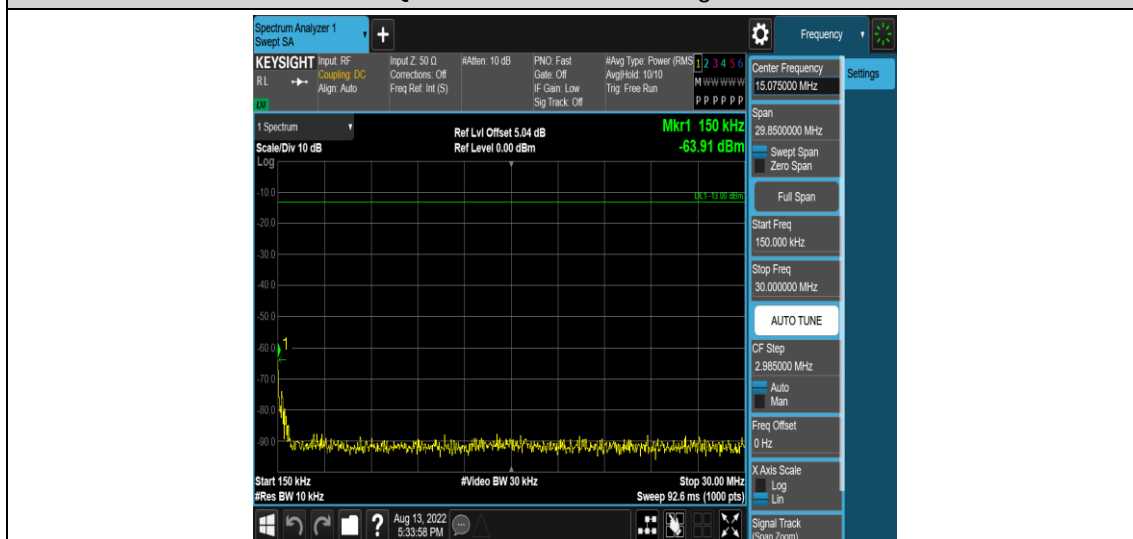
Band14-5MHz-QPSK-23305-1RB#0-Range4:1000~10000MHz



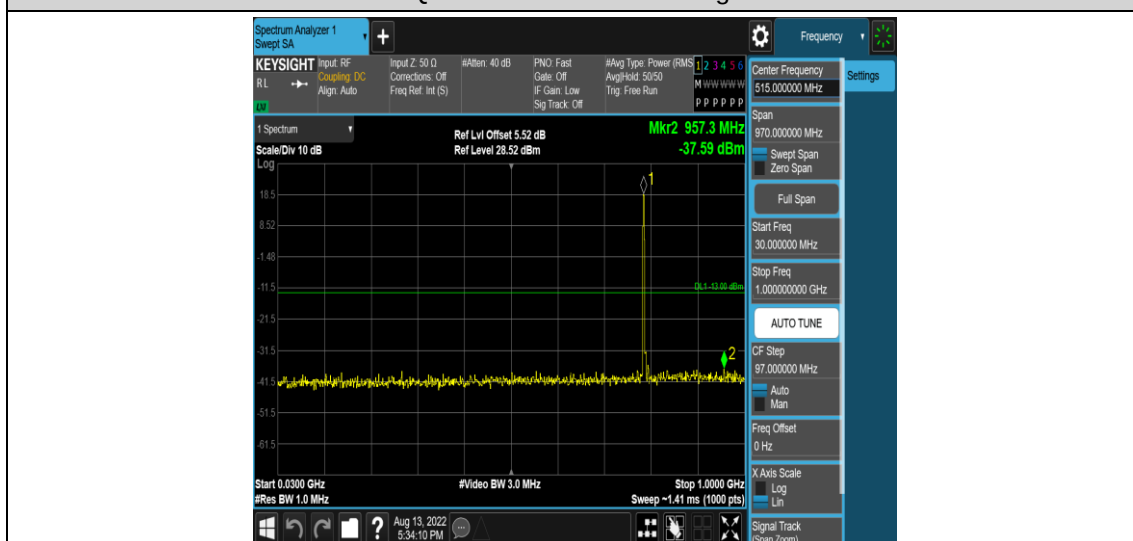
Band14-5MHz-QPSK-23305-1RB#0-Range9:1000~10000MHz



Band14-5MHz-QPSK-23330-1RB#0-Range1:0.009~0.15MHz



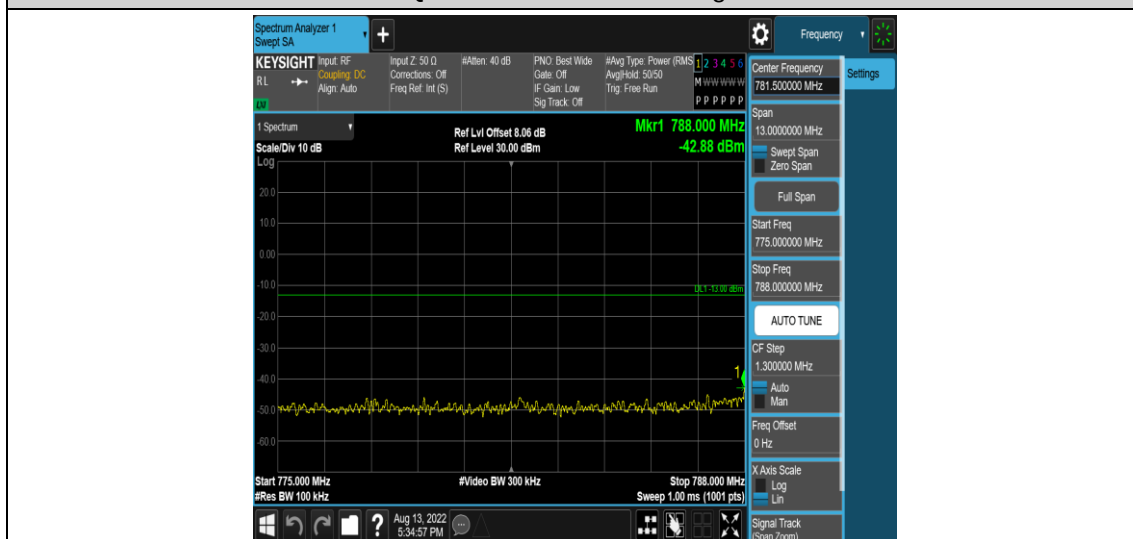
Band14-5MHz-QPSK-23330-1RB#0-Range2:0.15~30MHz



Band14-5MHz-QPSK-23330-1RB#0-Range3:30~1000MHz



Band14-5MHz-QPSK-23330-1RB#0-Range5:769~775MHz



Band14-5MHz-QPSK-23330-1RB#0-Range7:775~788MHz



Band14-5MHz-QPSK-23330-1RB#0-Range6:799~805MHz



Band14-5MHz-QPSK-23330-1RB#0-Range8:805~1000MHz



Band14-5MHz-QPSK-23330-1RB#0-Range9:1000~10000MHz



Band14-5MHz-QPSK-23330-1RB#0-Range4:1000~10000MHz

