

FCC LTE Band12 Test Data

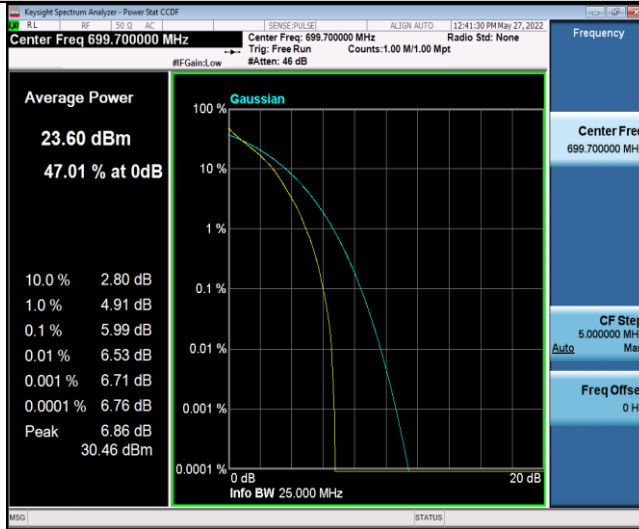
Appendix B: Peak-to-Average Ratio(CCDF)

Test Result

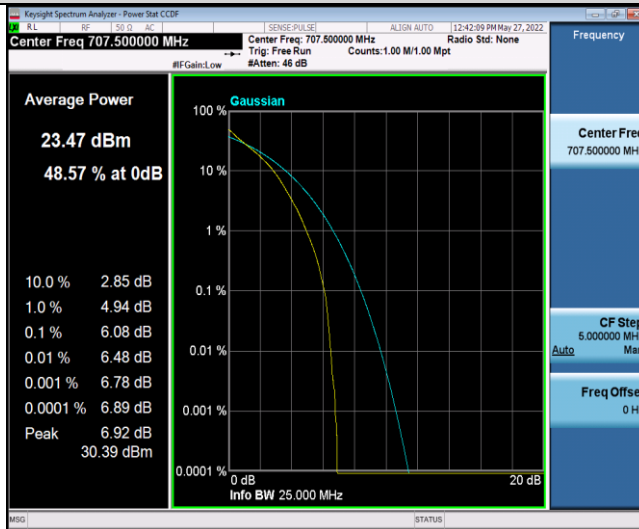
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	5.99	13	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	6.08	13	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	5.33	13	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	7.36	13	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	7.45	13	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	7.75	13	PASS
Band12	3MHz	QPSK	23025	15RB#0	5.98	13	PASS
Band12	3MHz	QPSK	23095	15RB#0	5.95	13	PASS
Band12	3MHz	QPSK	23165	15RB#0	5.84	13	PASS
Band12	3MHz	16QAM	23025	15RB#0	7.57	13	PASS
Band12	3MHz	16QAM	23095	15RB#0	7.45	13	PASS
Band12	3MHz	16QAM	23165	15RB#0	7.40	13	PASS
Band12	5MHz	QPSK	23035	25RB#0	6.14	13	PASS
Band12	5MHz	QPSK	23095	25RB#0	6.11	13	PASS
Band12	5MHz	QPSK	23155	25RB#0	5.84	13	PASS
Band12	5MHz	16QAM	23035	25RB#0	8.03	13	PASS
Band12	5MHz	16QAM	23095	25RB#0	7.90	13	PASS
Band12	5MHz	16QAM	23155	25RB#0	7.83	13	PASS
Band12	10MHz	QPSK	23060	50RB#0	7.23	13	PASS
Band12	10MHz	QPSK	23095	50RB#0	6.24	13	PASS
Band12	10MHz	QPSK	23130	50RB#0	6.10	13	PASS
Band12	10MHz	16QAM	23060	50RB#0	7.96	13	PASS
Band12	10MHz	16QAM	23095	50RB#0	8.32	13	PASS
Band12	10MHz	16QAM	23130	50RB#0	7.97	13	PASS

Test Graphs

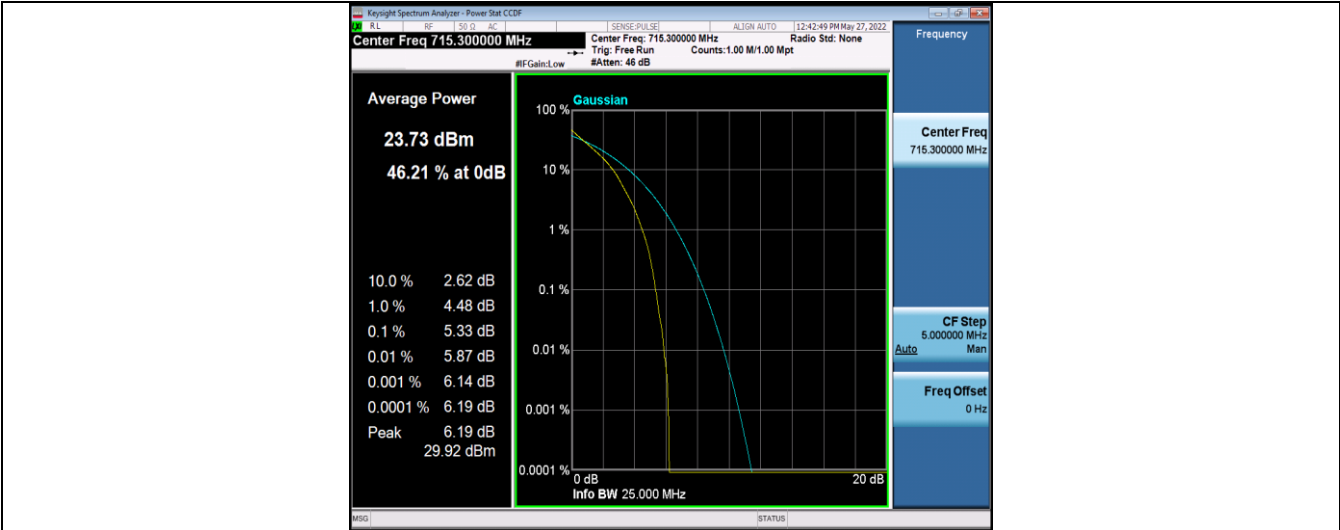
Band12-1.4MHz-QPSK-23017-6RB#0



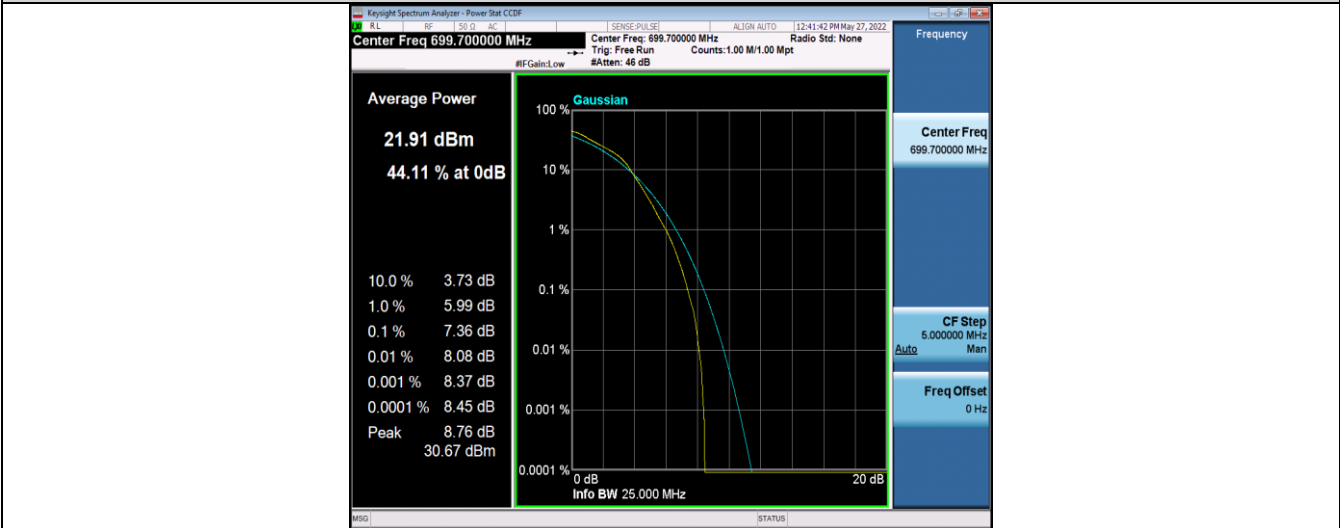
Band12-1.4MHz-QPSK-23095-6RB#0



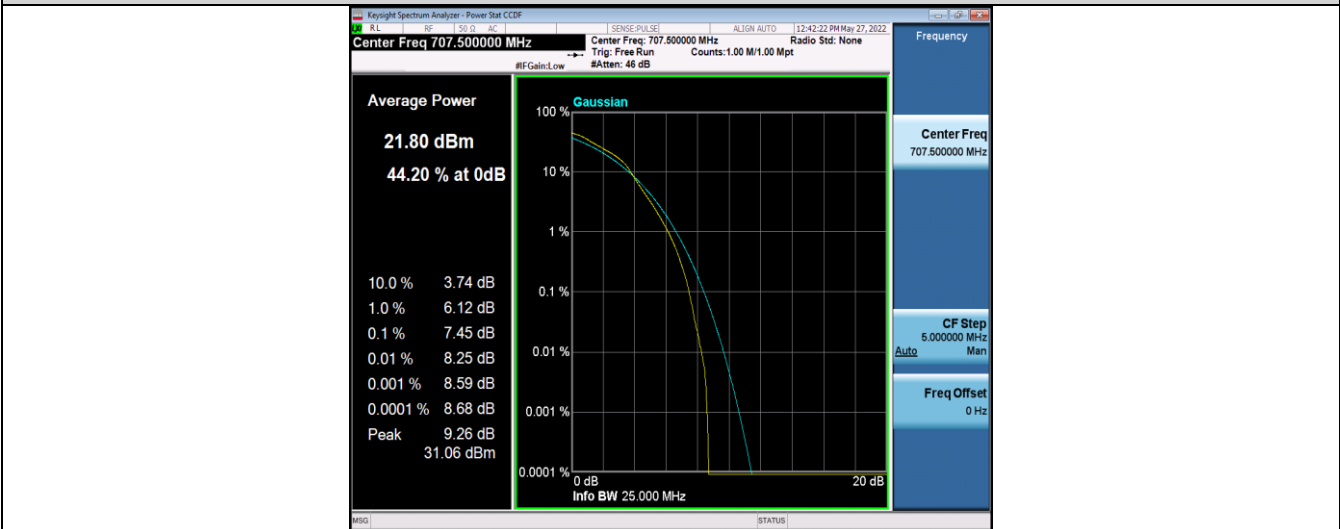
Band12-1.4MHz-QPSK-23173-6RB#0



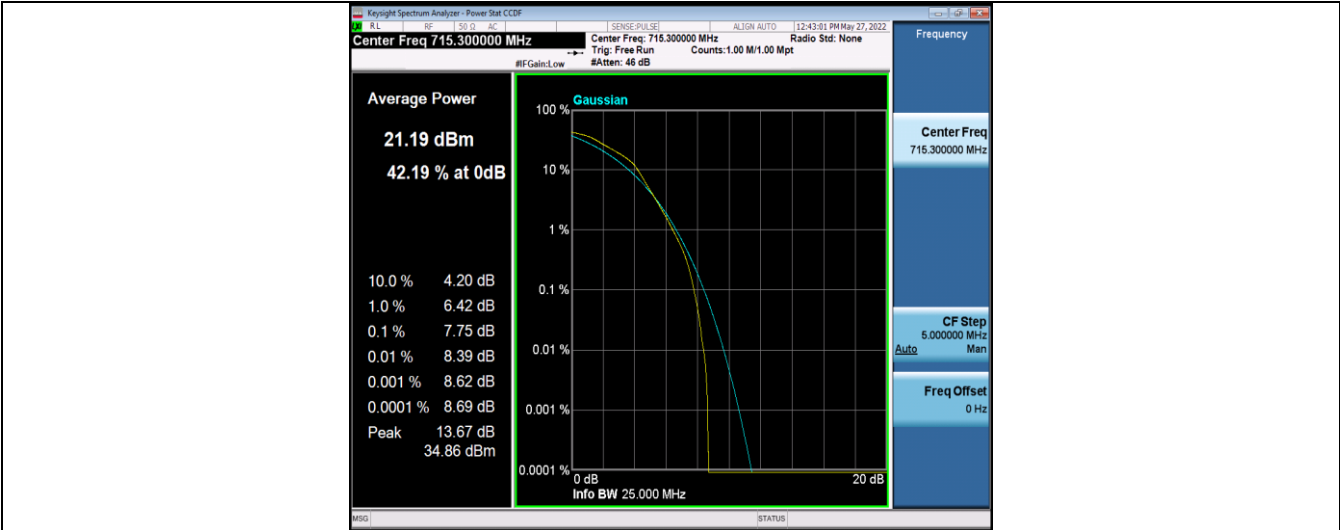
Band12-1.4MHz-16QAM-23017-6RB#0



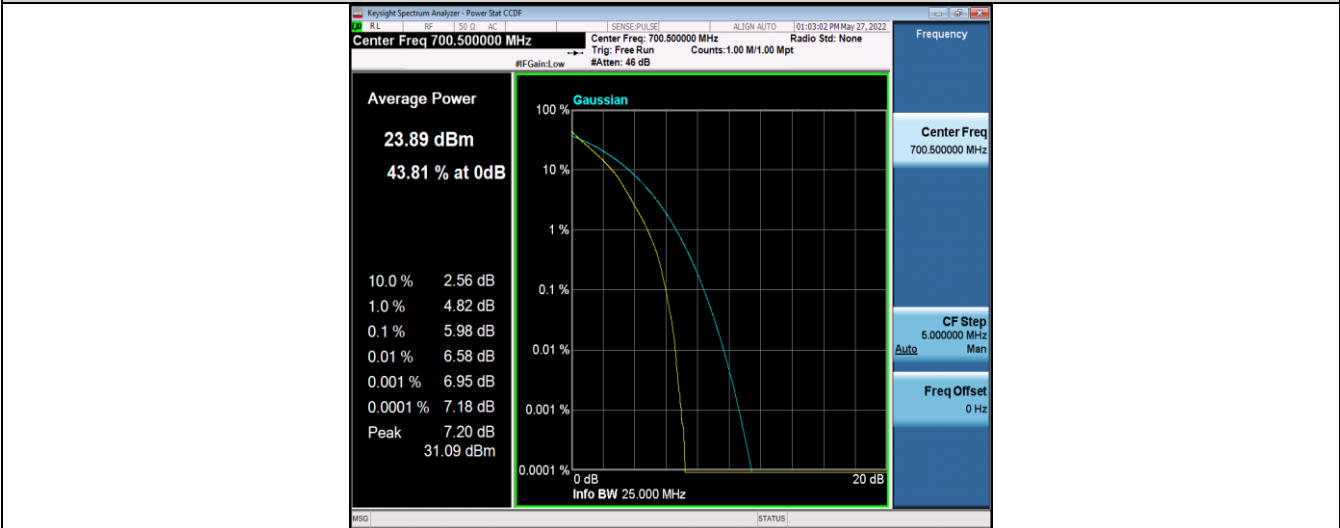
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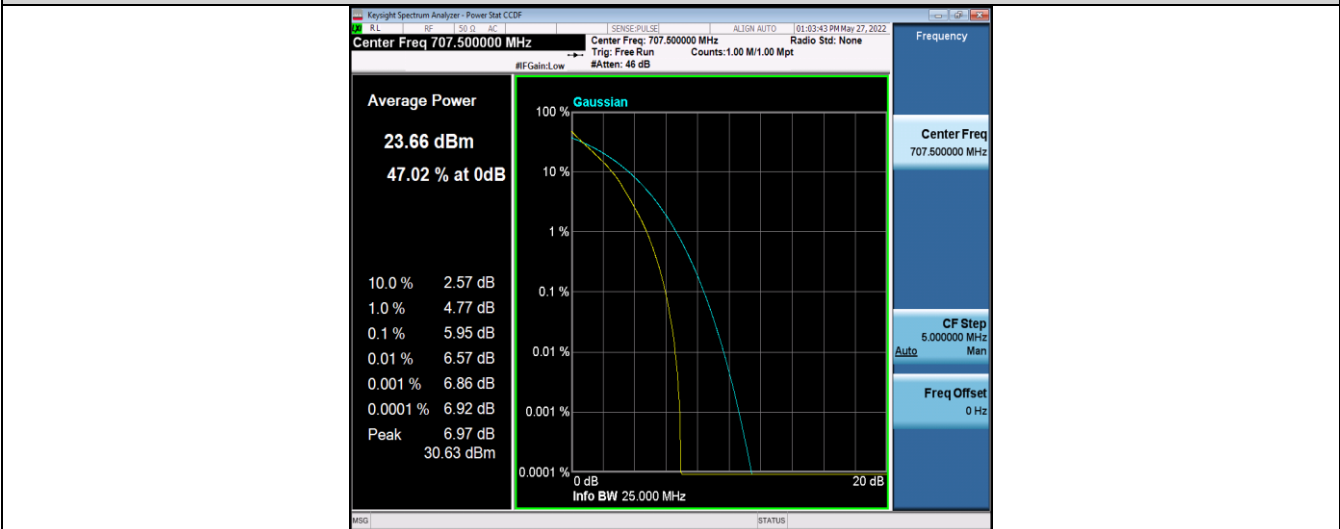
Band12-1.4MHz-16QAM-23173-6RB#0



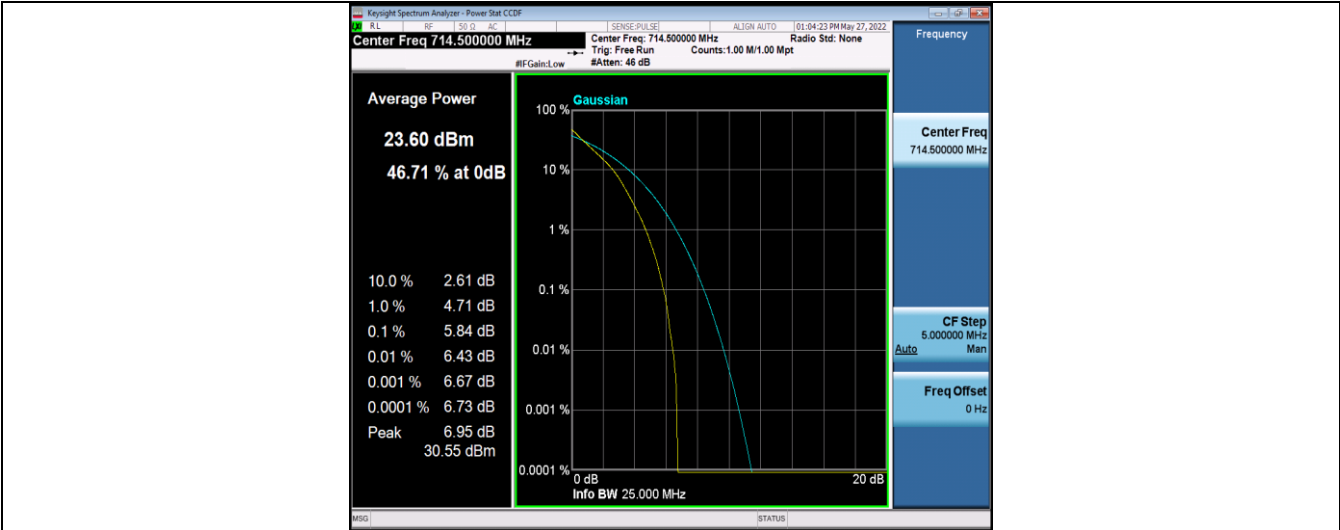
Band12-3MHz-QPSK-23025-15RB#0



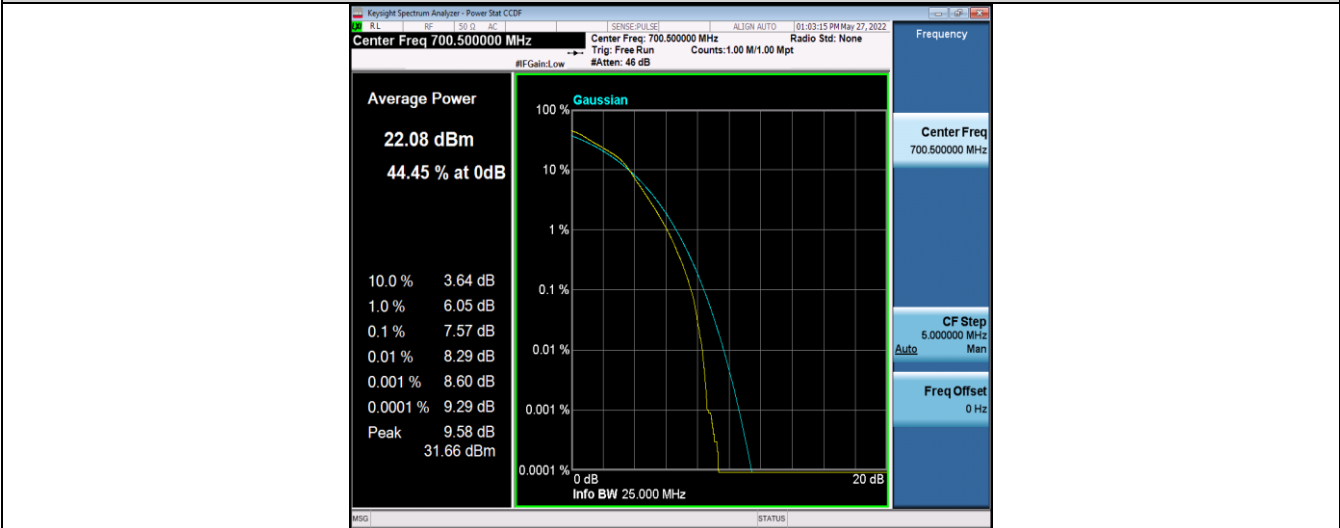
Band12-3MHz-QPSK-23095-15RB#0



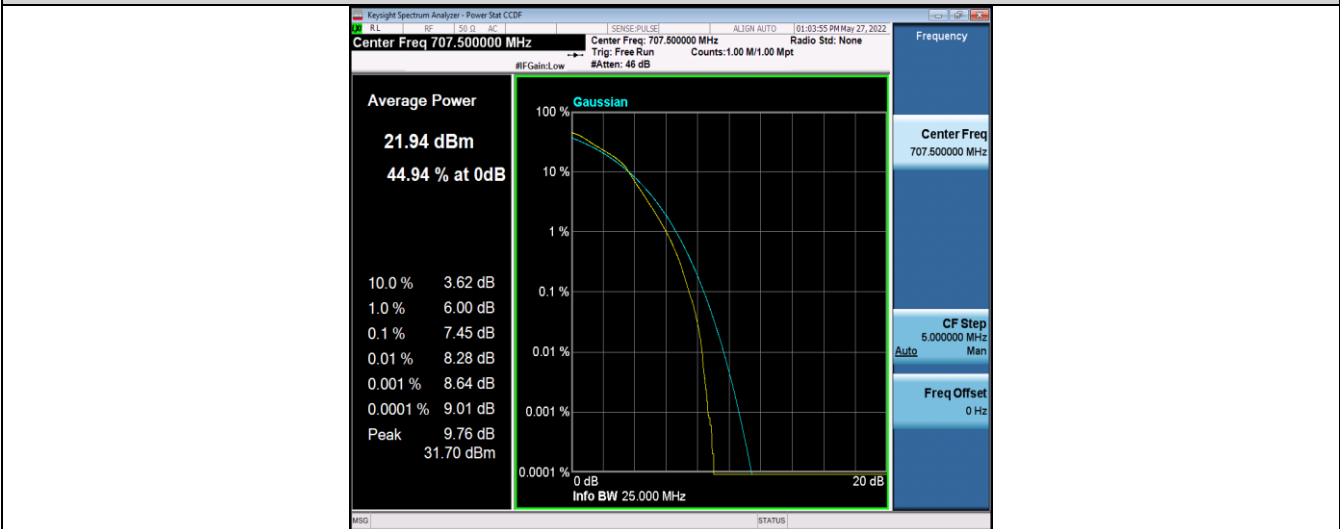
Band12-3MHz-QPSK-23165-15RB#0



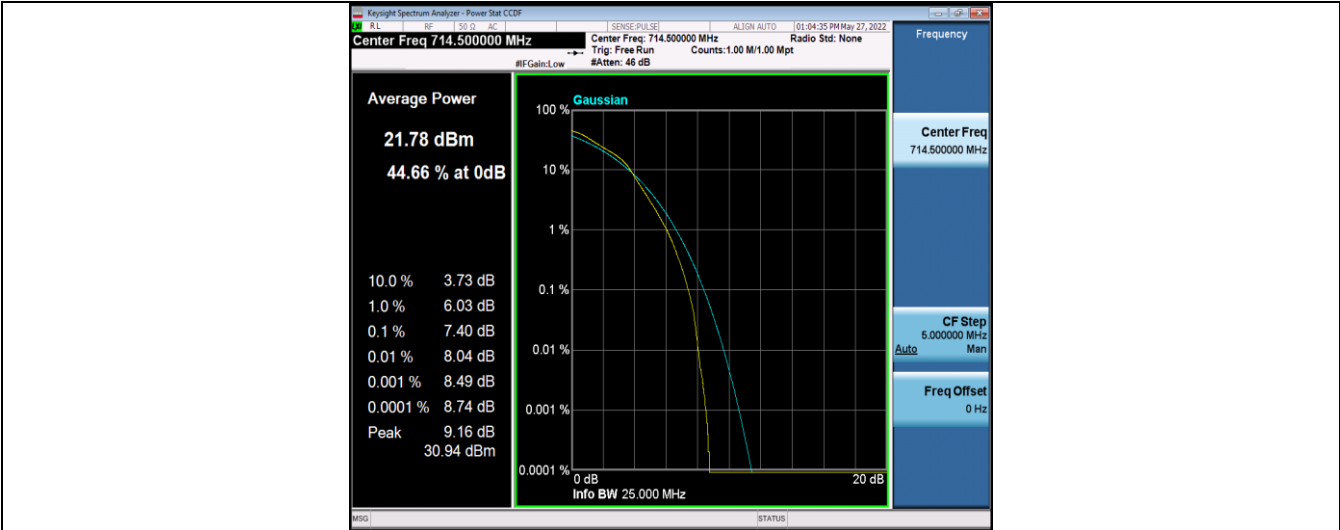
Band12-3MHz-16QAM-23025-15RB#0



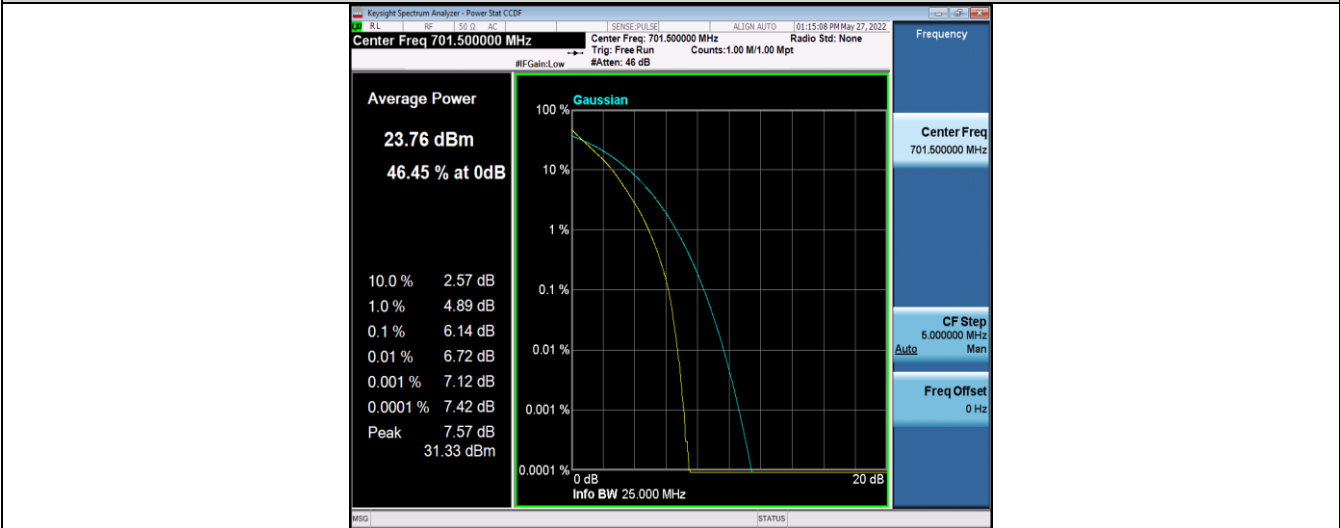
Band12-3MHz-16QAM-23095-15RB#0



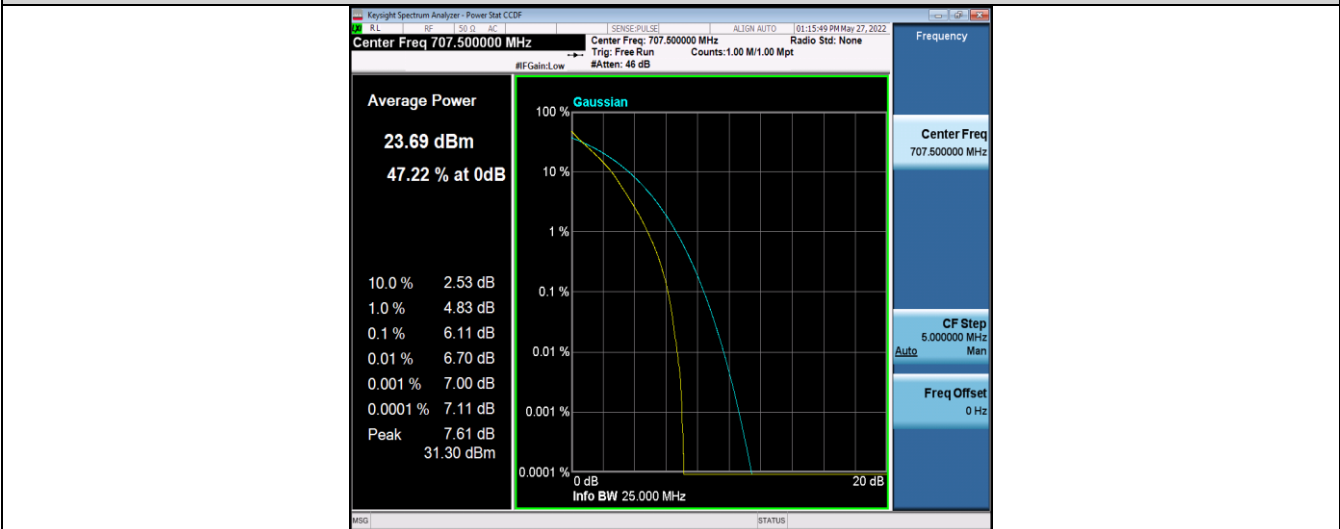
Band12-3MHz-16QAM-23165-15RB#0



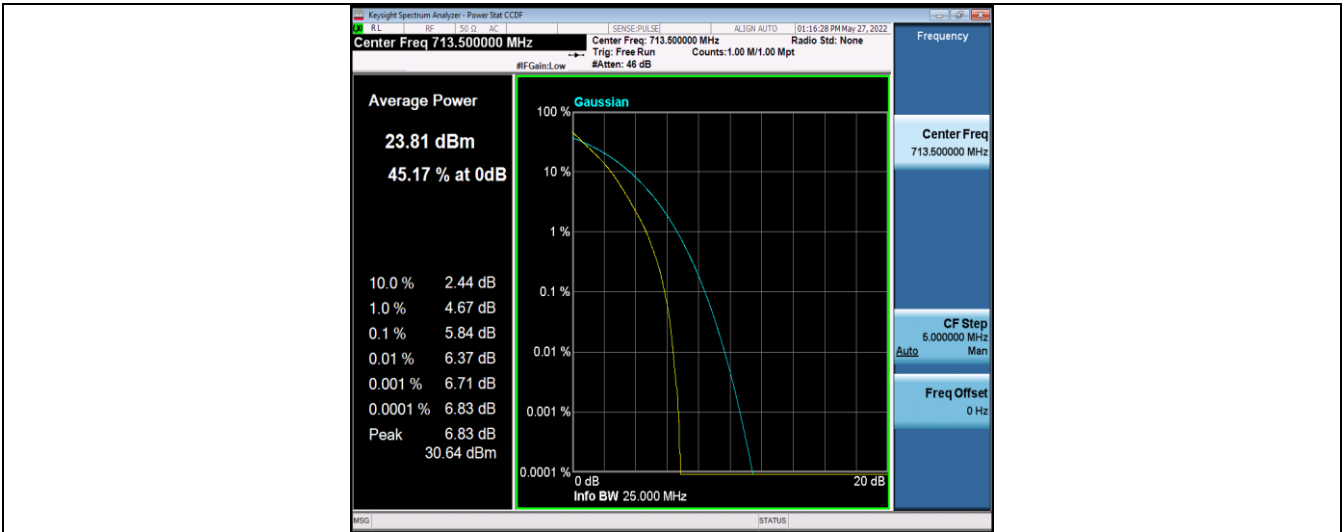
Band12-5MHz-QPSK-23035-25RB#0



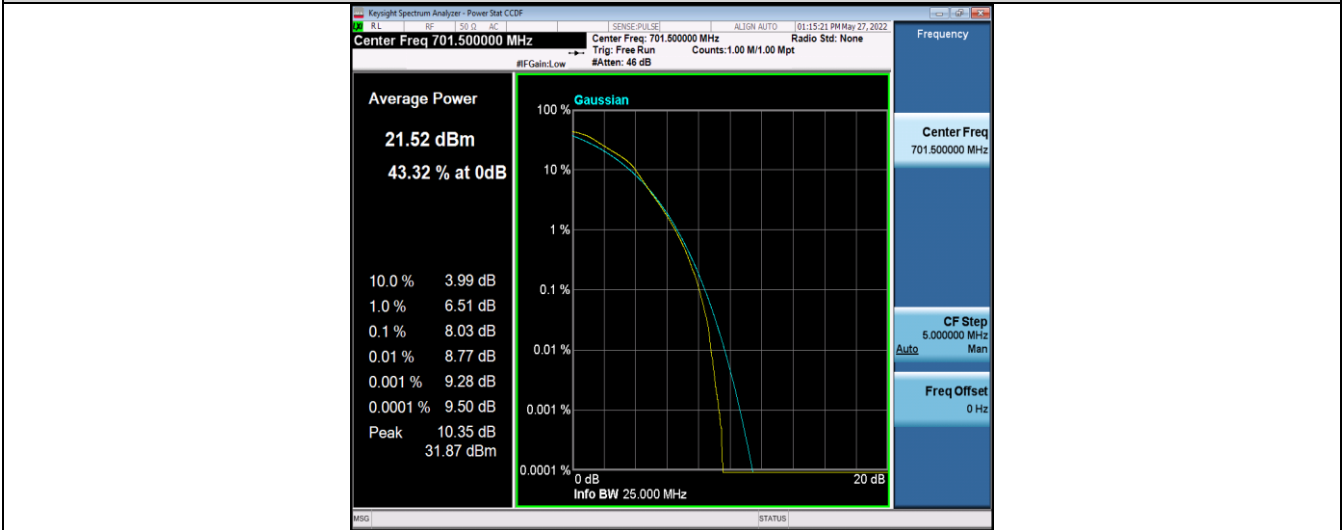
Band12-5MHz-QPSK-23095-25RB#0



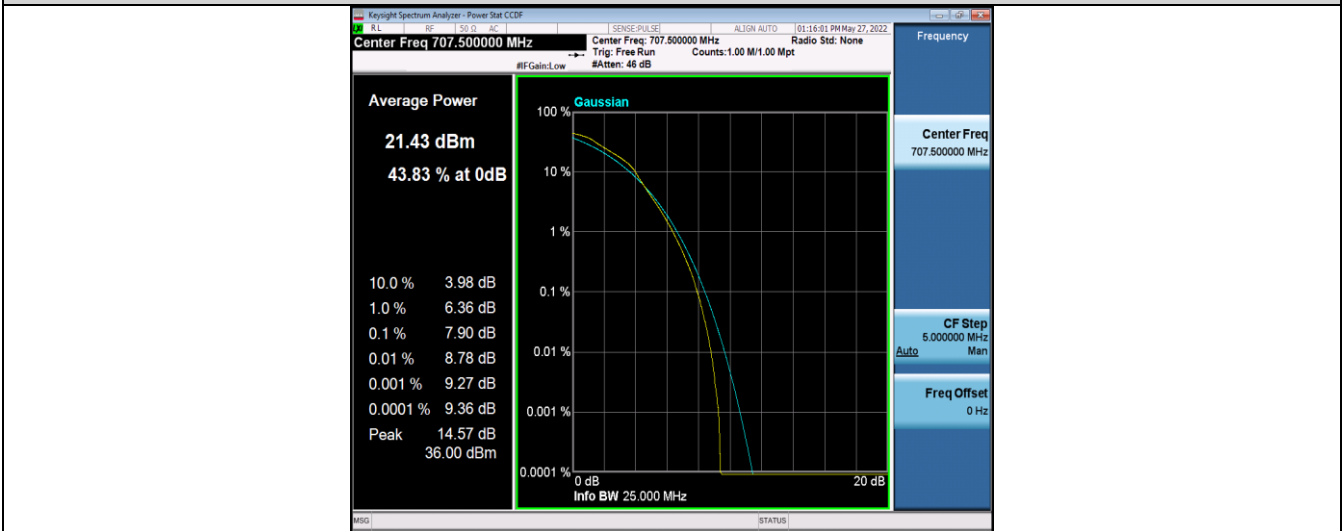
Band12-5MHz-QPSK-23155-25RB#0



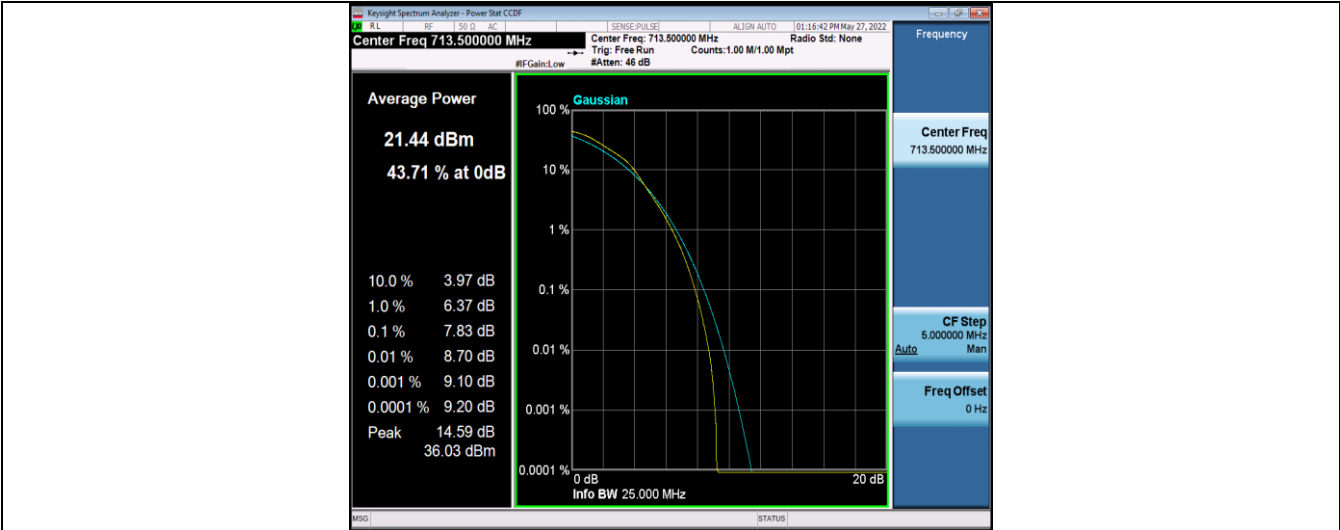
Band12-5MHz-16QAM-23035-25RB#0



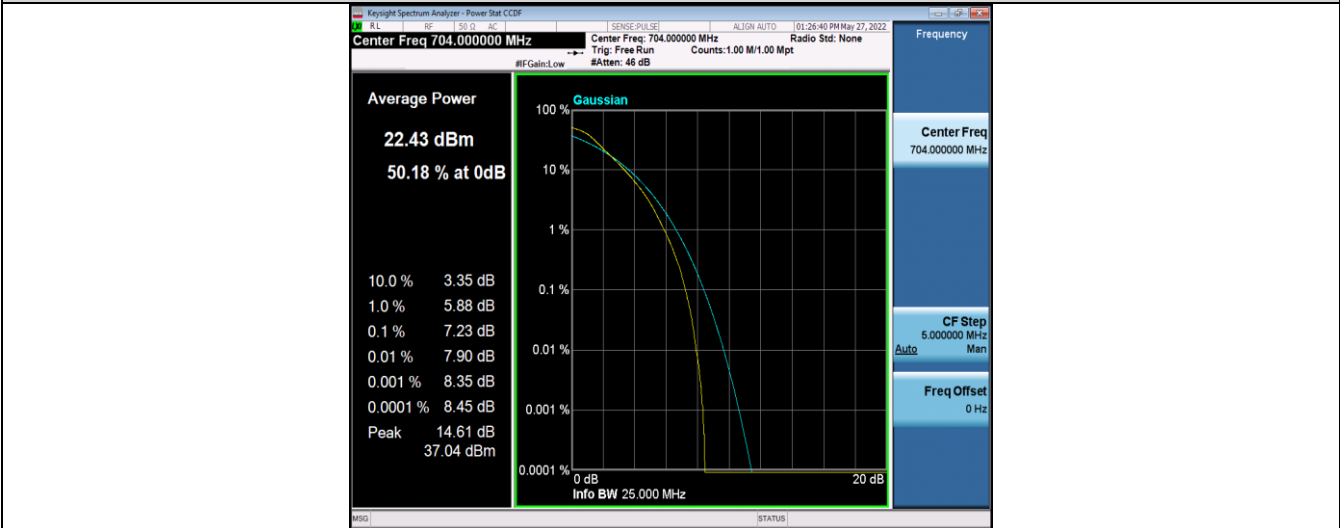
Band12-5MHz-16QAM-23095-25RB#0



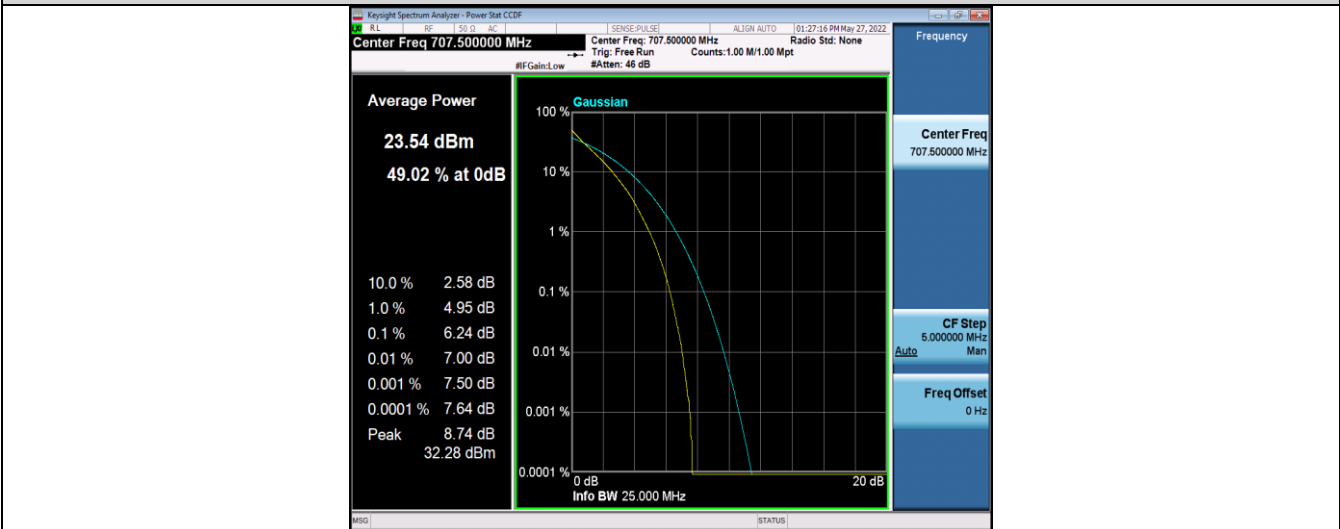
Band12-5MHz-16QAM-23155-25RB#0



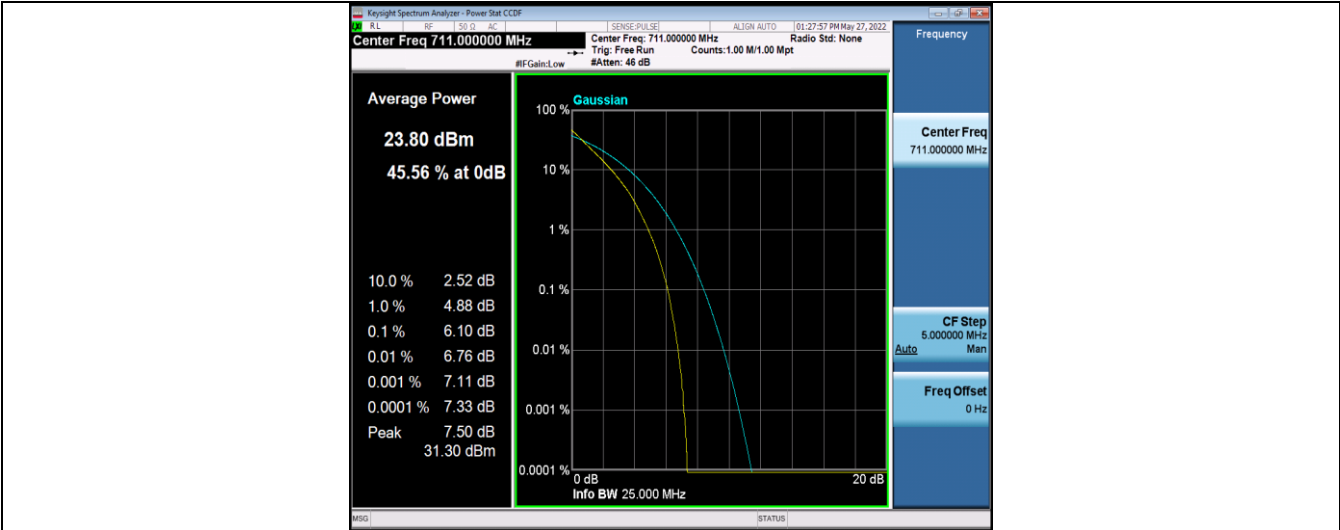
Band12-10MHz-QPSK-23060-50RB#0



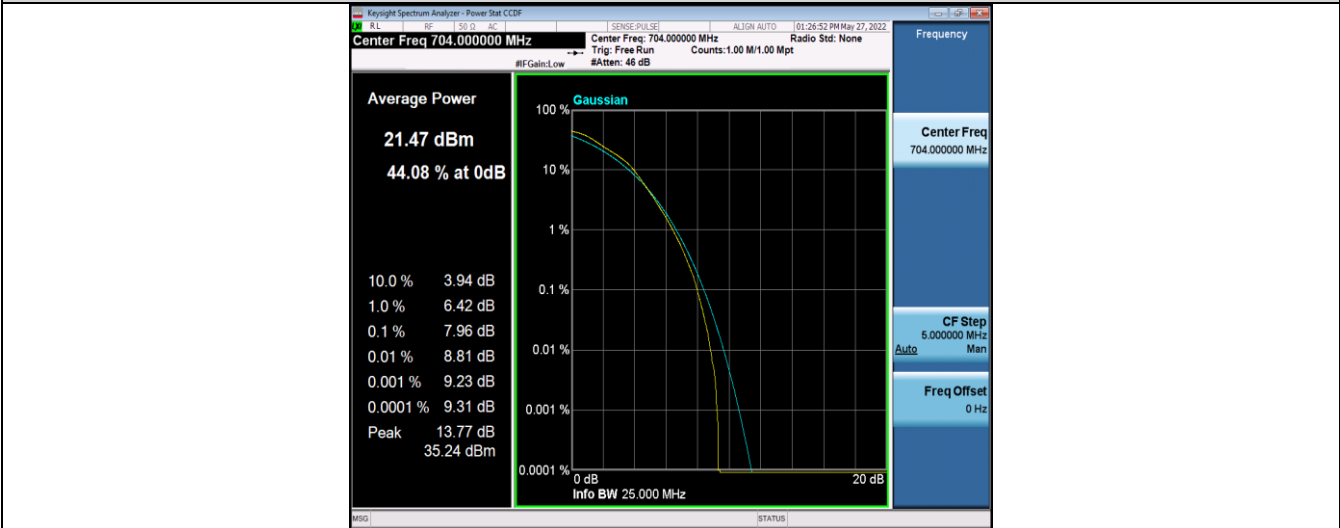
Band12-10MHz-QPSK-23095-50RB#0



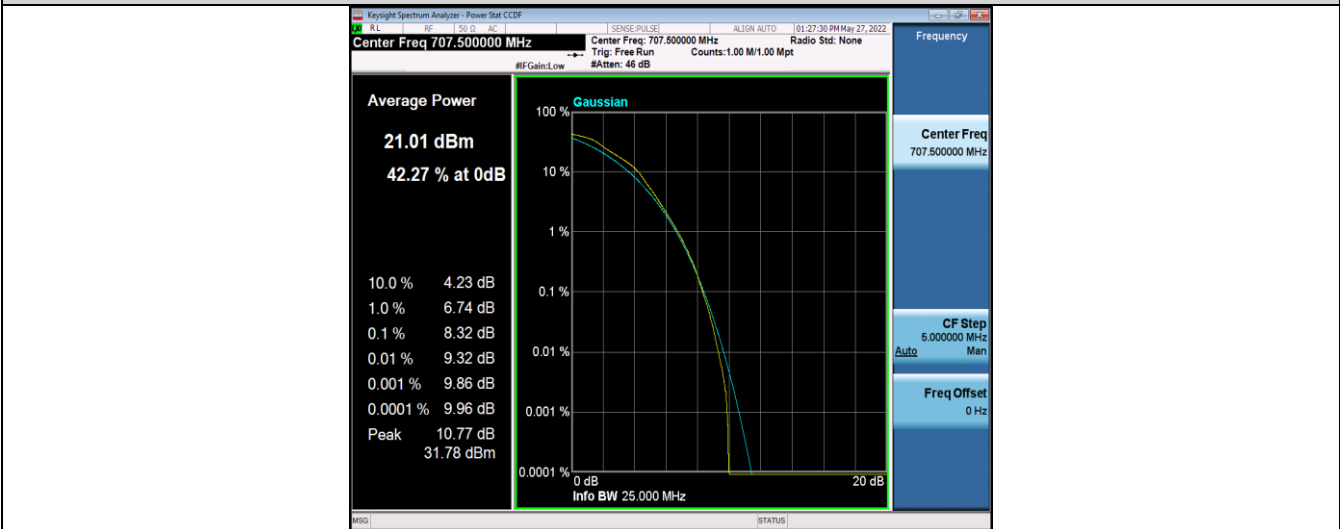
Band12-10MHz-QPSK-23130-50RB#0



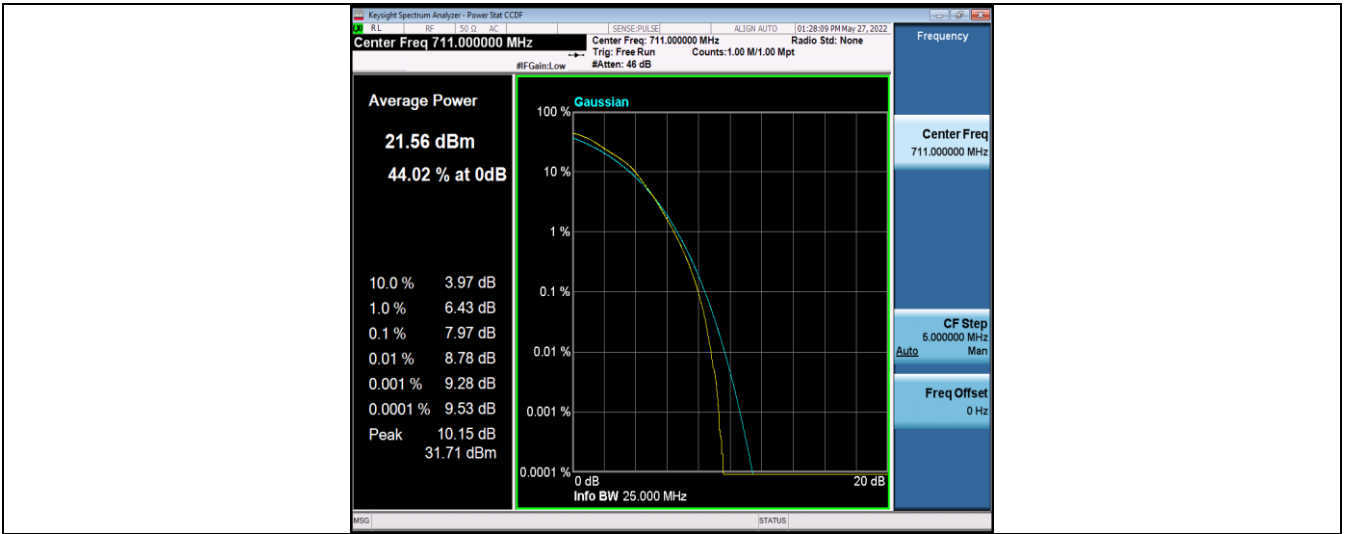
Band12-10MHz-16QAM-23060-50RB#0



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



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



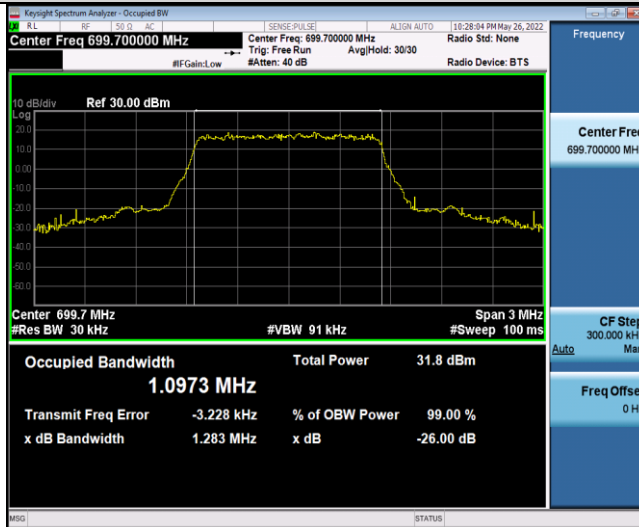
Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

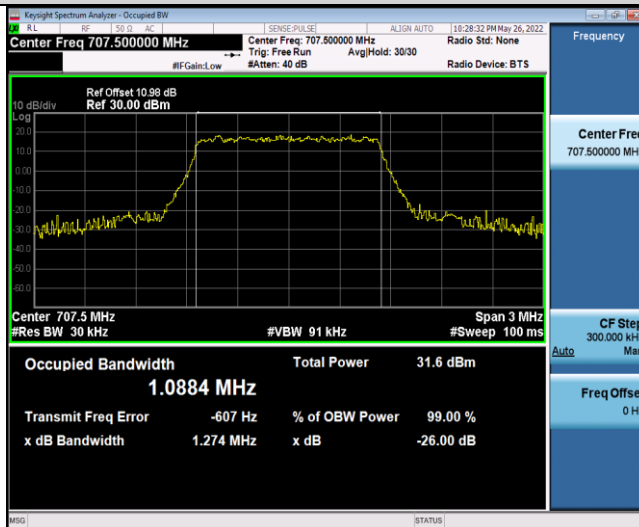
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	1.0973	1.283	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.0884	1.274	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.0977	1.273	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1.0940	1.287	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.0963	1.296	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1.0960	1.282	PASS
Band12	3MHz	QPSK	23025	15RB#0	2.6938	2.889	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.6864	2.882	PASS
Band12	3MHz	QPSK	23165	15RB#0	2.6832	2.908	PASS
Band12	3MHz	16QAM	23025	15RB#0	2.6882	2.916	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.6811	2.913	PASS
Band12	3MHz	16QAM	23165	15RB#0	2.6819	2.902	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.5358	5.386	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.5046	5.140	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.5164	5.193	PASS
Band12	5MHz	16QAM	23035	25RB#0	4.5241	5.281	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.5250	5.195	PASS
Band12	5MHz	16QAM	23155	25RB#0	4.5245	5.258	PASS
Band12	10MHz	QPSK	23060	50RB#0	9.0074	10.42	PASS
Band12	10MHz	QPSK	23095	50RB#0	9.0097	10.12	PASS
Band12	10MHz	QPSK	23130	50RB#0	9.0132	10.14	PASS
Band12	10MHz	16QAM	23060	50RB#0	9.0092	10.04	PASS
Band12	10MHz	16QAM	23095	50RB#0	9.0106	10.12	PASS
Band12	10MHz	16QAM	23130	50RB#0	9.0276	10.08	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



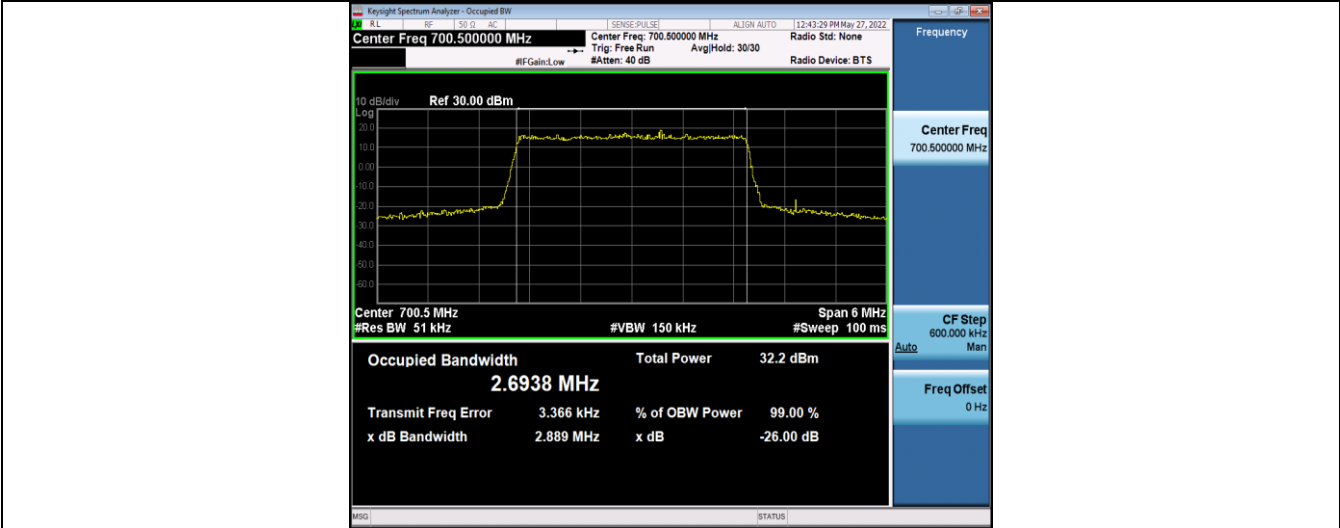
Band12-1.4MHz-16QAM-23095-6RB#0



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



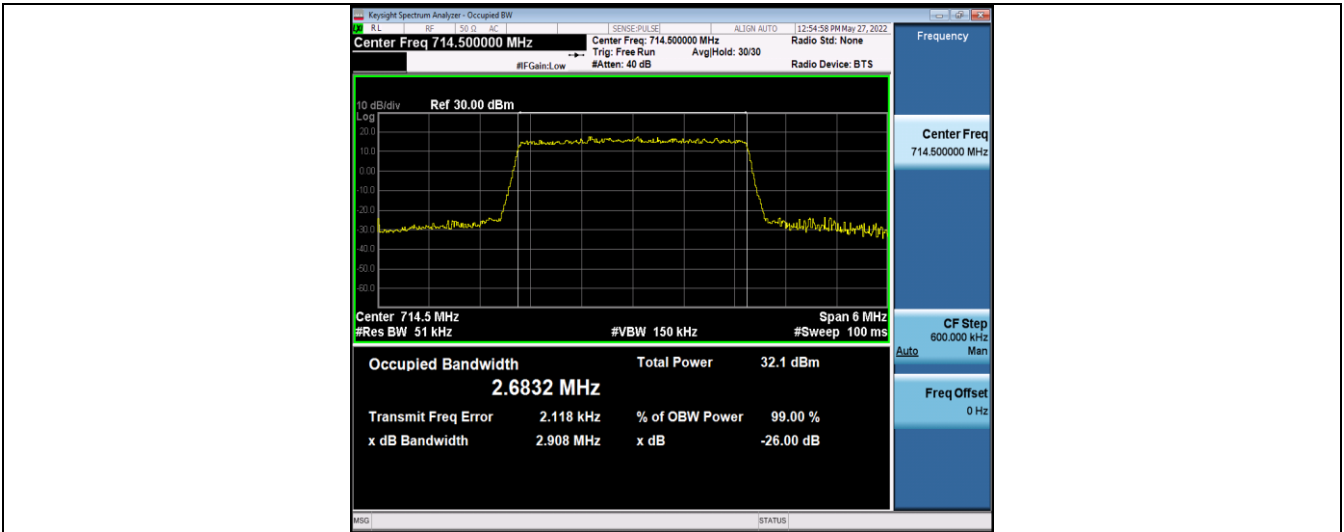
Band12-3MHz-QPSK-23025-15RB#0



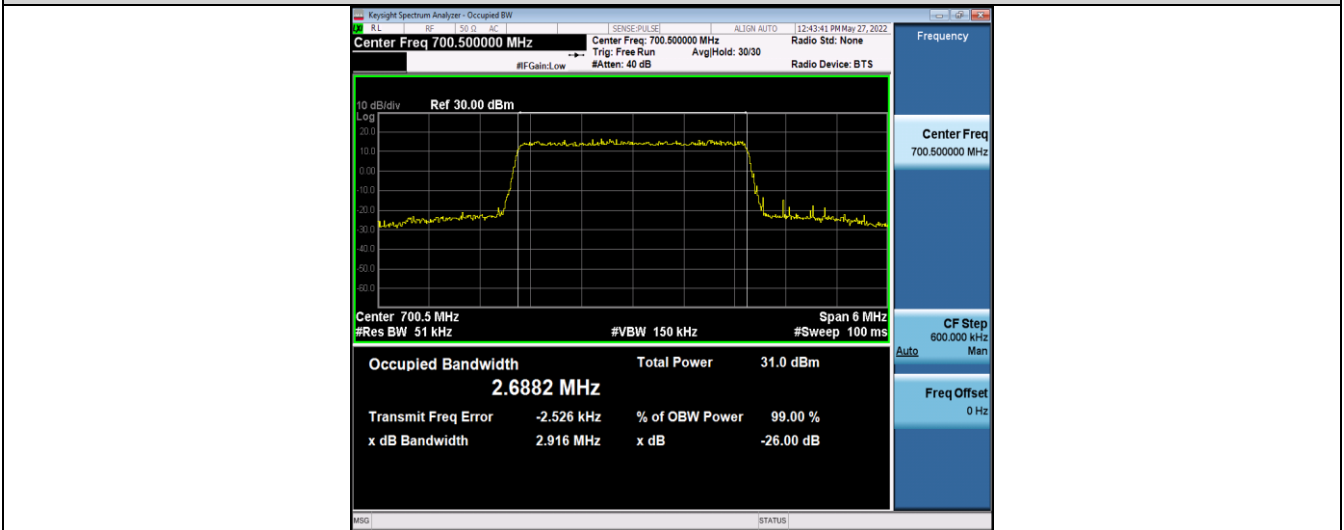
Band12-3MHz-QPSK-23095-15RB#0



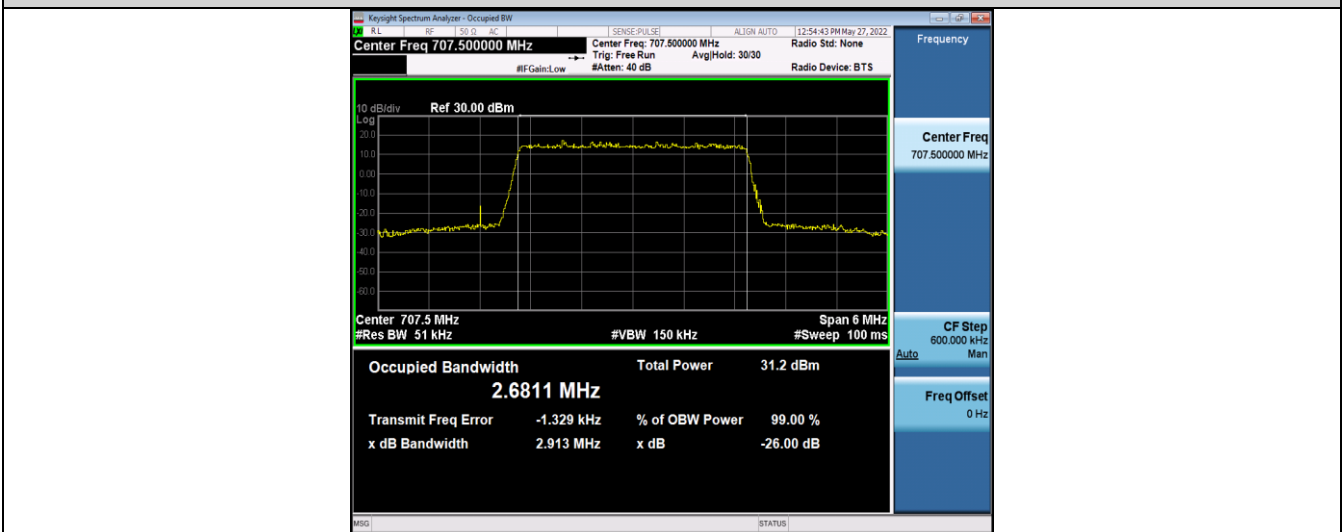
Band12-3MHz-QPSK-23165-15RB#0



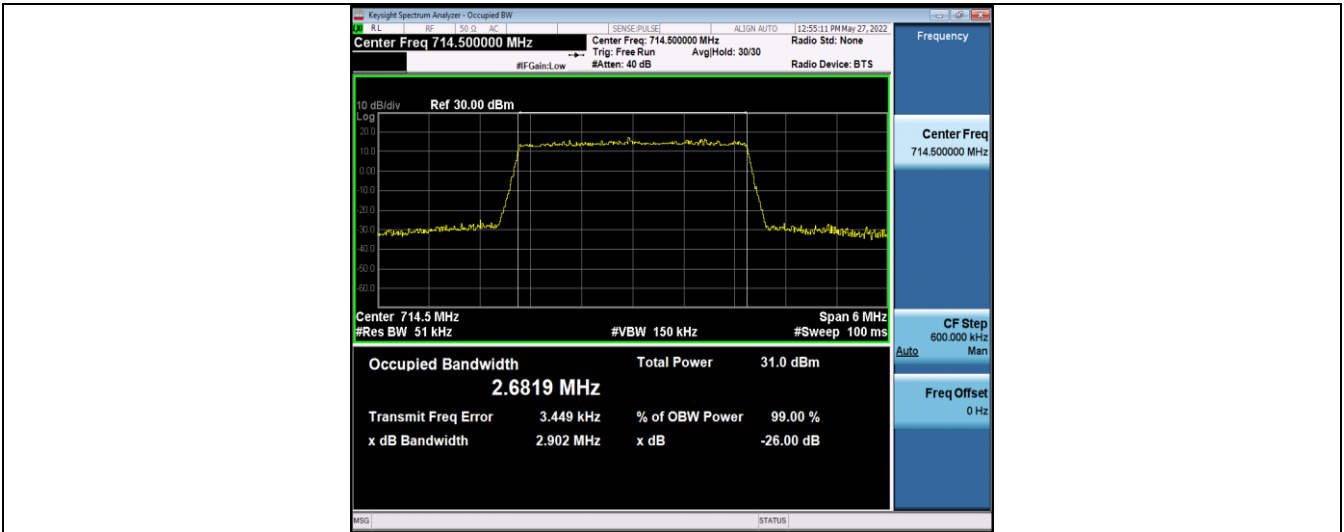
Band12-3MHz-16QAM-23025-15RB#0



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



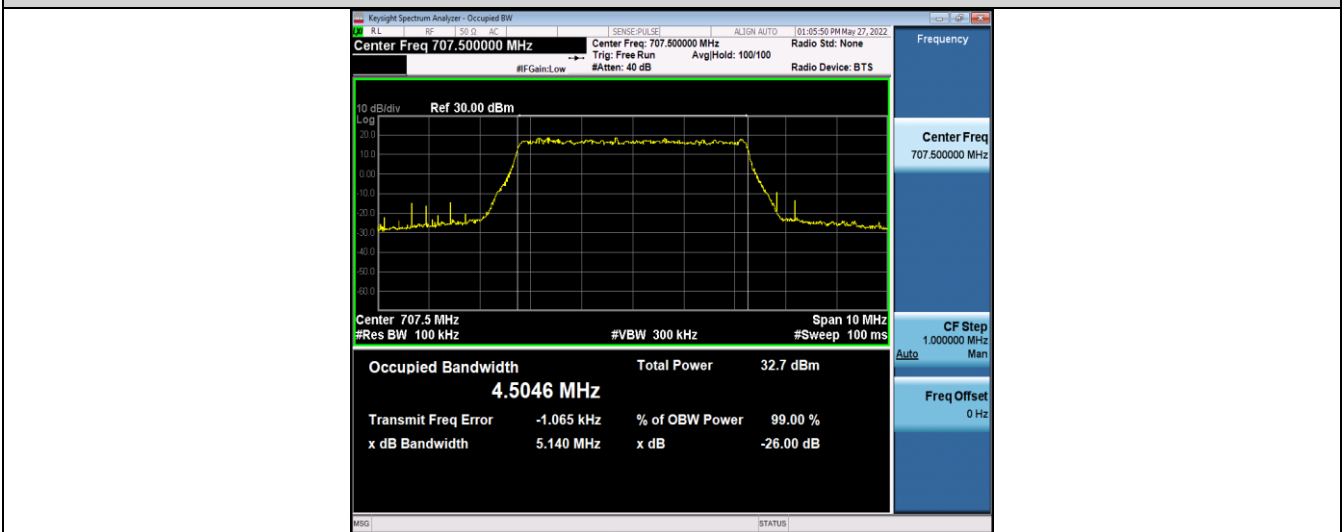
Band12-3MHz-16QAM-23165-15RB#0



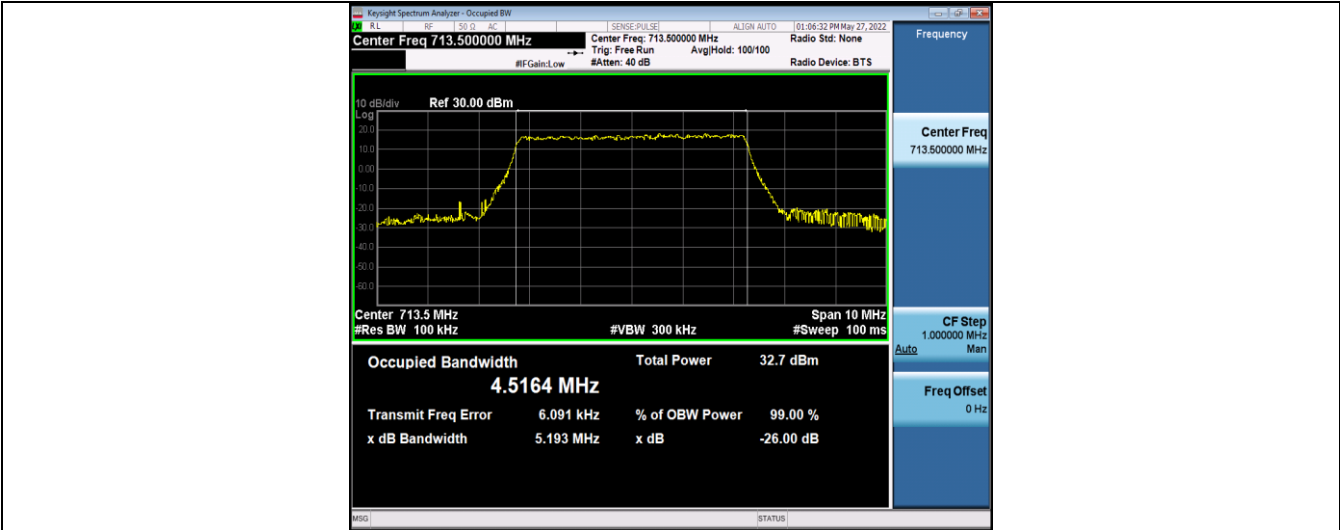
Band12-5MHz-QPSK-23035-25RB#0



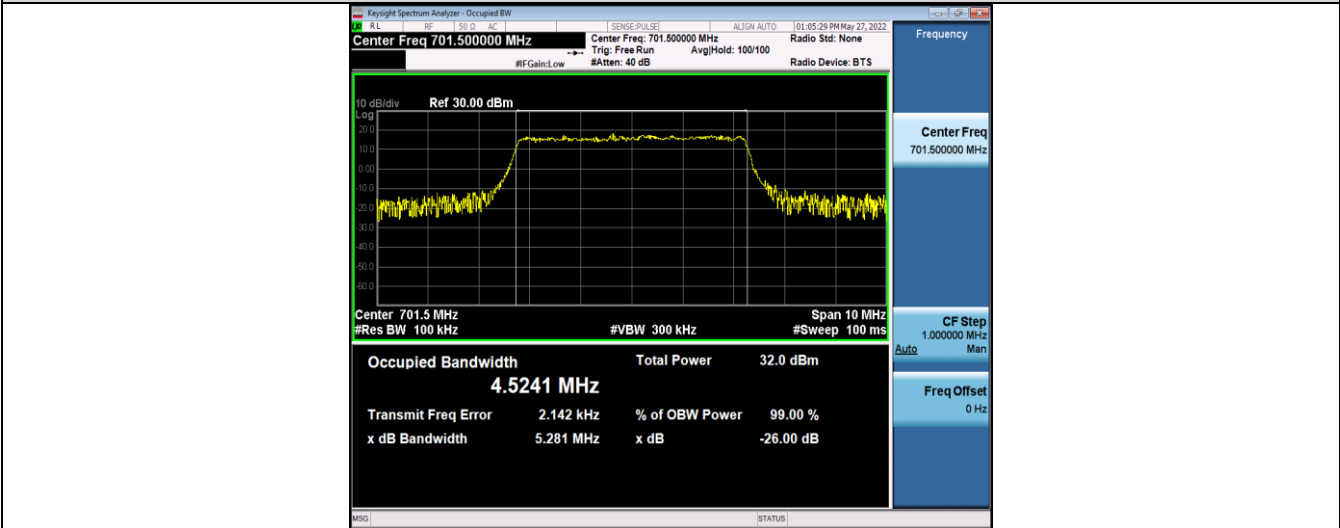
Band12-5MHz-QPSK-23095-25RB#0



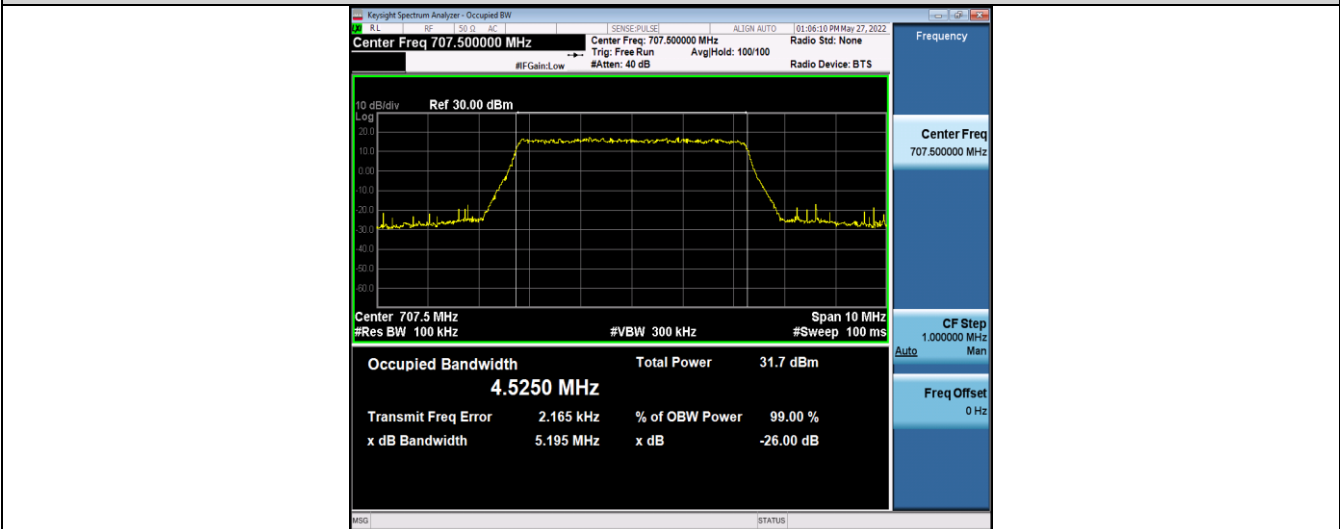
Band12-5MHz-QPSK-23155-25RB#0



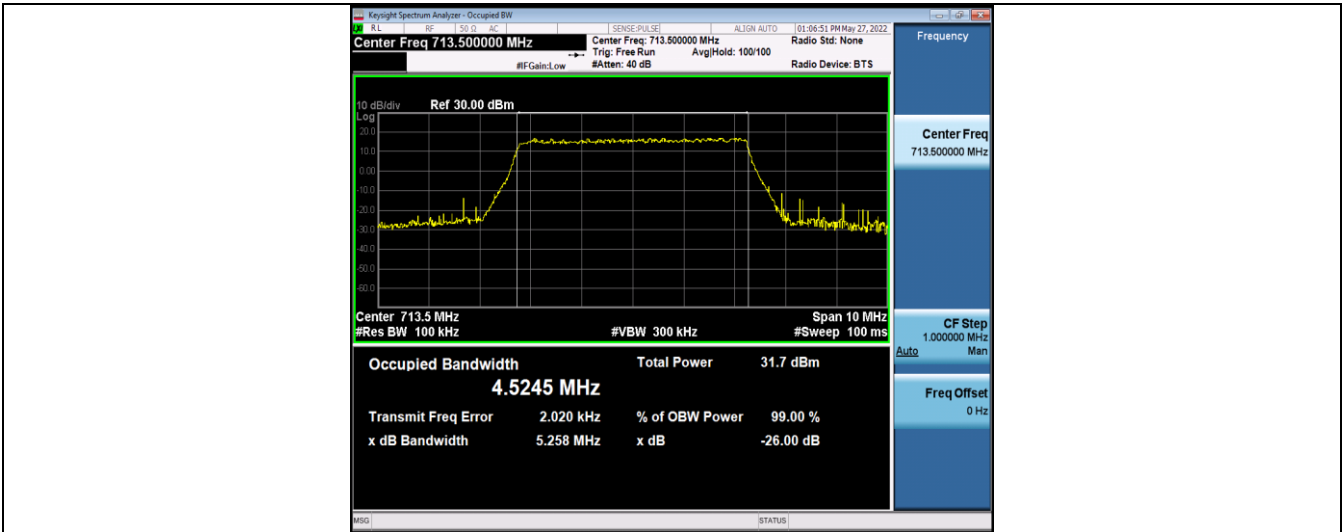
Band12-5MHz-16QAM-23035-25RB#0



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



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



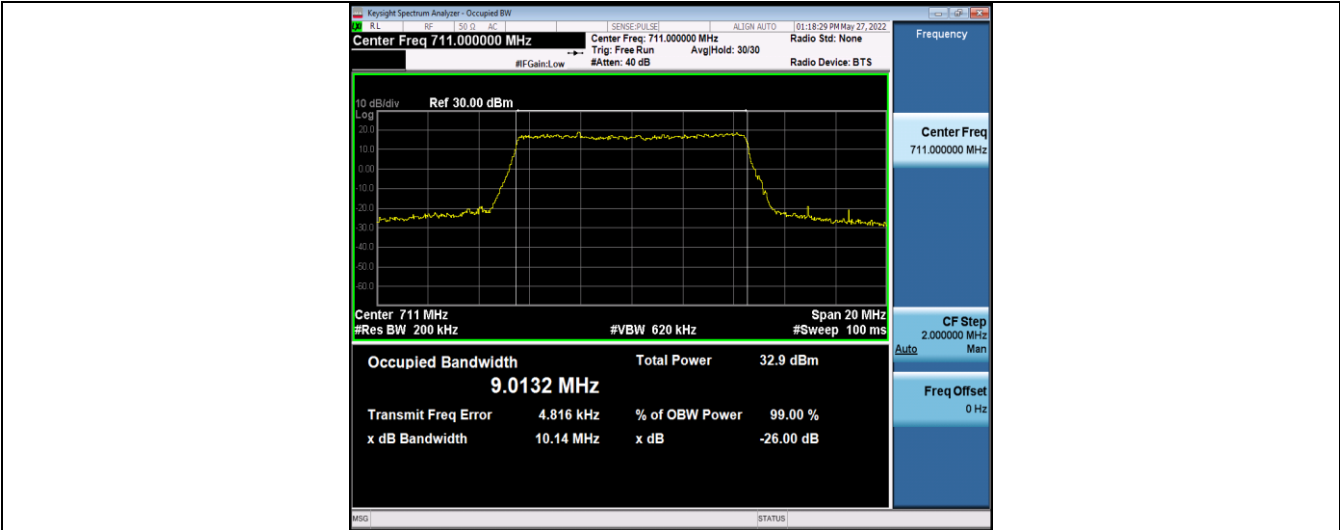
Band12-10MHz-QPSK-23060-50RB#0



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



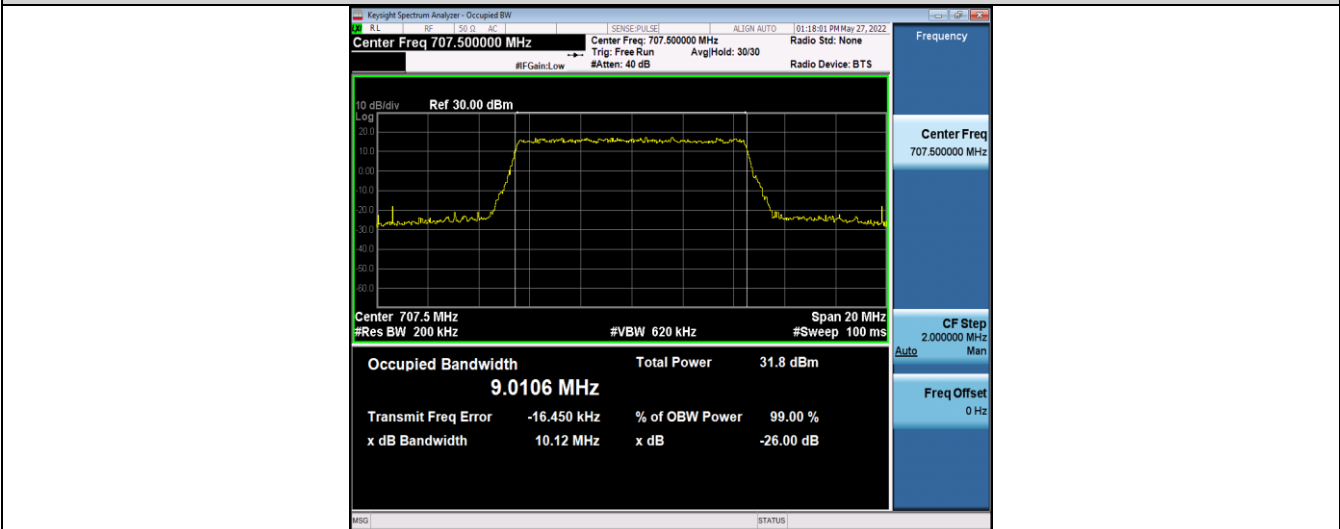
Band12-10MHz-QPSK-23130-50RB#0



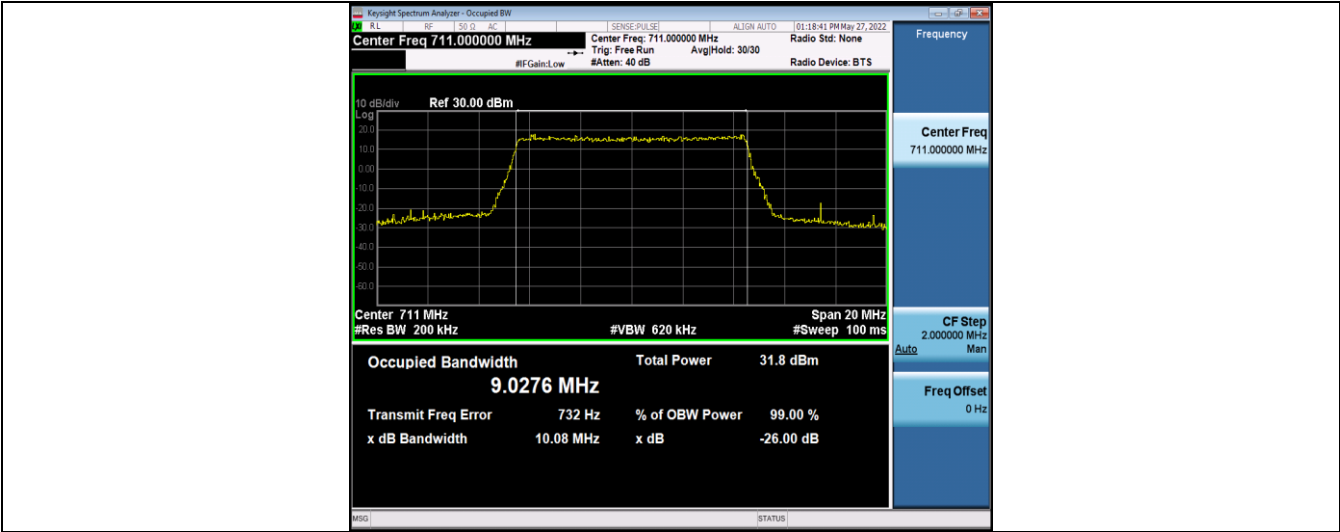
Band12-10MHz-16QAM-23060-50RB#0



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



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



Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	-29.53,-25.57	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	-29.24,-36.67	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	-32.00,-29.14	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	-29.60,-35.08	PASS
Band12	3MHz	QPSK	23025	15RB#0	-29.04,-26.87	PASS
Band12	3MHz	QPSK	23165	15RB#0	-31.00,-36.16	PASS
Band12	3MHz	16QAM	23025	15RB#0	-31.57,-29.49	PASS
Band12	3MHz	16QAM	23165	15RB#0	-31.18,-36.66	PASS
Band12	5MHz	QPSK	23035	25RB#0	-22.88	PASS
Band12	5MHz	QPSK	23155	25RB#0	-23.29	PASS
Band12	5MHz	16QAM	23035	25RB#0	-22.64	PASS
Band12	5MHz	16QAM	23155	25RB#0	-22.11	PASS
Band12	10MHz	QPSK	23060	50RB#0	-26.80,-25.10	PASS
Band12	10MHz	QPSK	23130	50RB#0	-25.95,-28.45	PASS
Band12	10MHz	16QAM	23060	50RB#0	-29.59,-28.15	PASS
Band12	10MHz	16QAM	23130	50RB#0	-26.97,-28.94	PASS

Test Graphs

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



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



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



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



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



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