

# FCC LTE Band5 Test Data

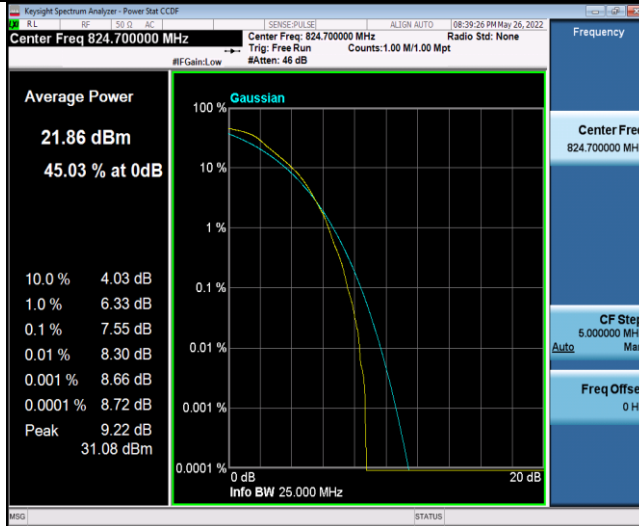
## Appendix B: Peak-to-Average Ratio(CCDF)

### Test Result

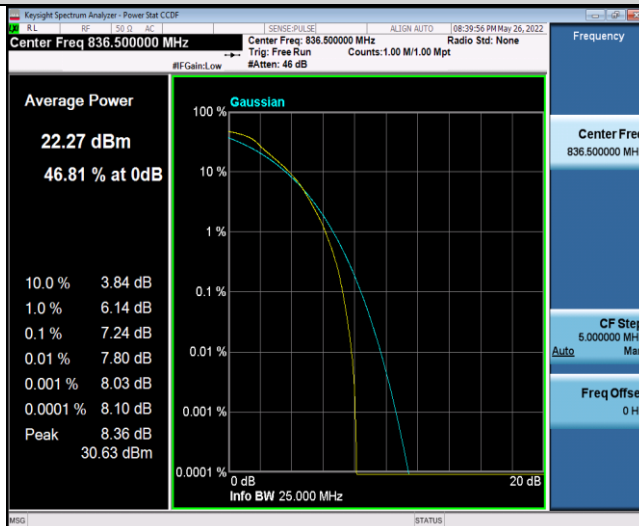
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	7.55	13	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	7.24	13	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	5.39	13	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	6.98	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	7.45	13	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	7.96	13	PASS
Band5	3MHz	QPSK	20415	15RB#0	5.89	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	5.77	13	PASS
Band5	3MHz	QPSK	20635	15RB#0	5.39	13	PASS
Band5	3MHz	16QAM	20415	15RB#0	7.50	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	7.91	13	PASS
Band5	3MHz	16QAM	20635	15RB#0	7.59	13	PASS
Band5	5MHz	QPSK	20425	25RB#0	7.46	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	7.03	13	PASS
Band5	5MHz	QPSK	20625	25RB#0	5.45	13	PASS
Band5	5MHz	16QAM	20425	25RB#0	6.88	13	PASS
Band5	5MHz	16QAM	20525	25RB#0	7.90	13	PASS
Band5	5MHz	16QAM	20625	25RB#0	7.06	13	PASS
Band5	10MHz	QPSK	20450	50RB#0	5.80	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.67	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	5.88	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	7.49	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	7.33	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	6.32	13	PASS

### Test Graphs

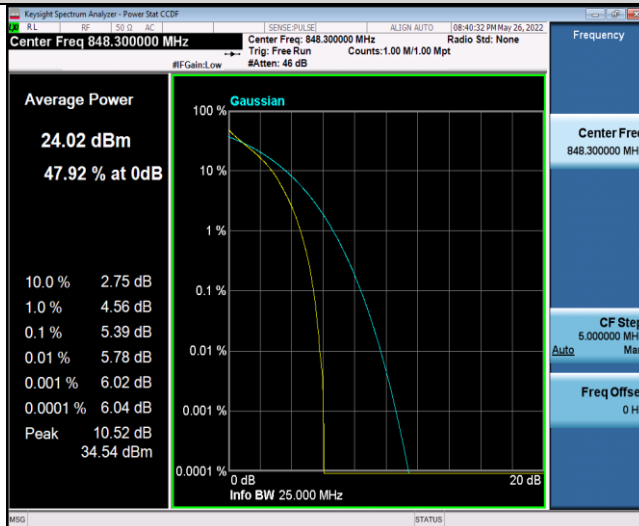
Band5-1.4MHz-QPSK-20407-6RB#0



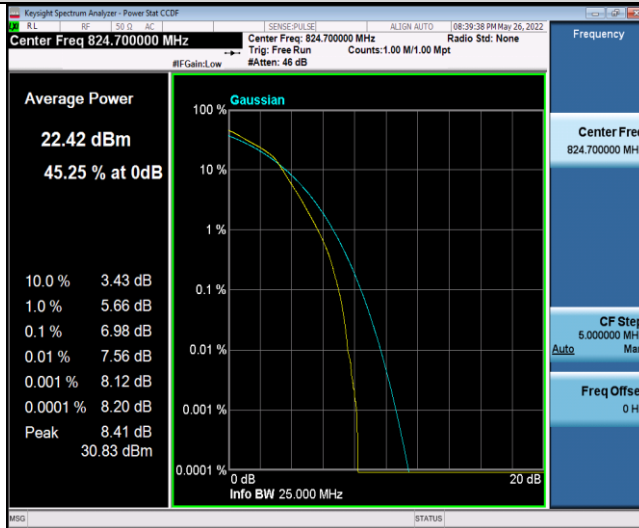
Band5-1.4MHz-QPSK-20525-6RB#0



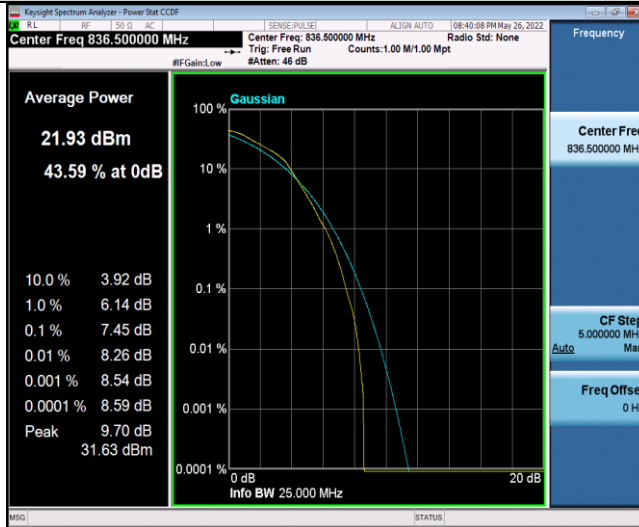
Band5-1.4MHz-QPSK-20643-6RB#0



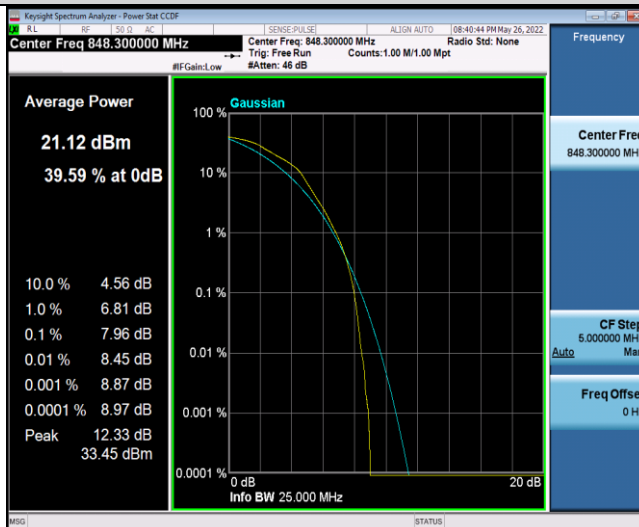
Band5-1.4MHz-16QAM-20407-6RB#0



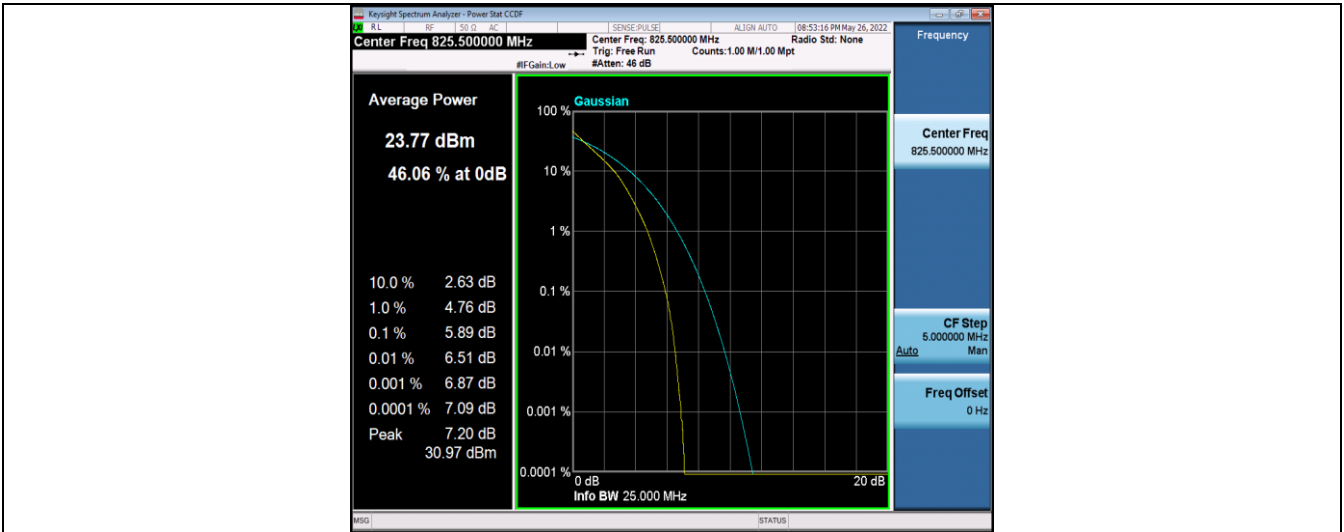
Band5-1.4MHz-16QAM-20525-6RB#0



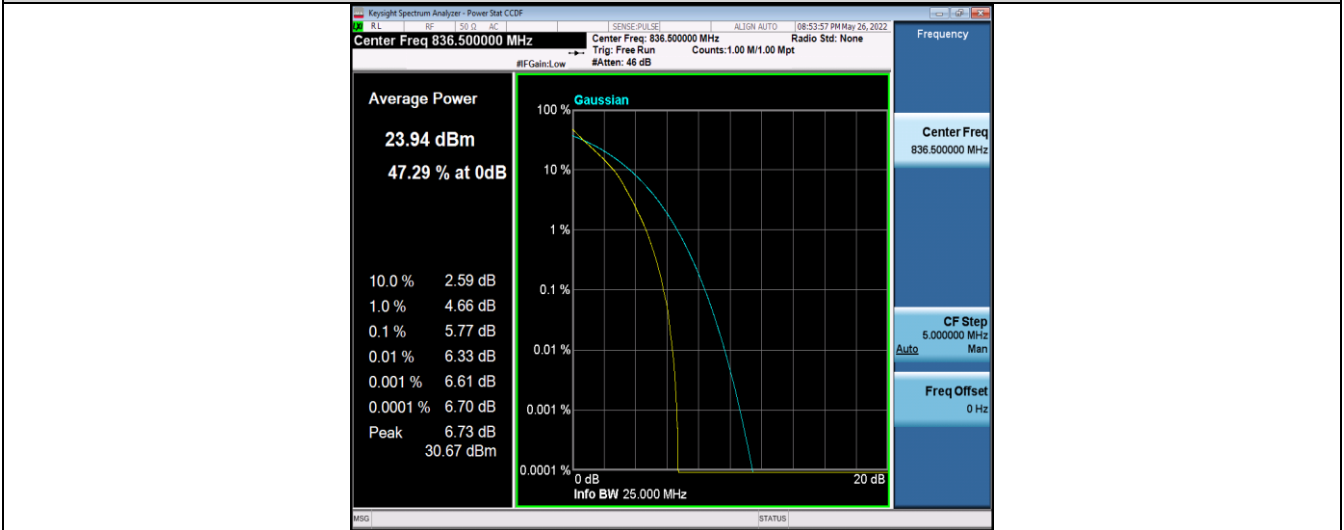
Band5-1.4MHz-16QAM-20643-6RB#0



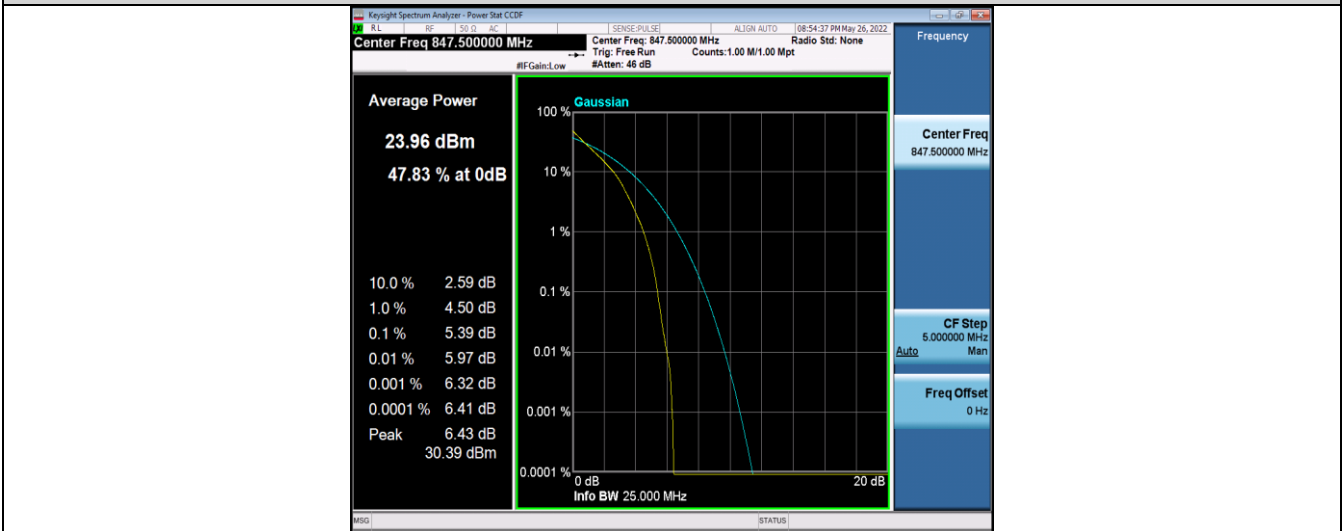
Band5-3MHz-QPSK-20415-15RB#0



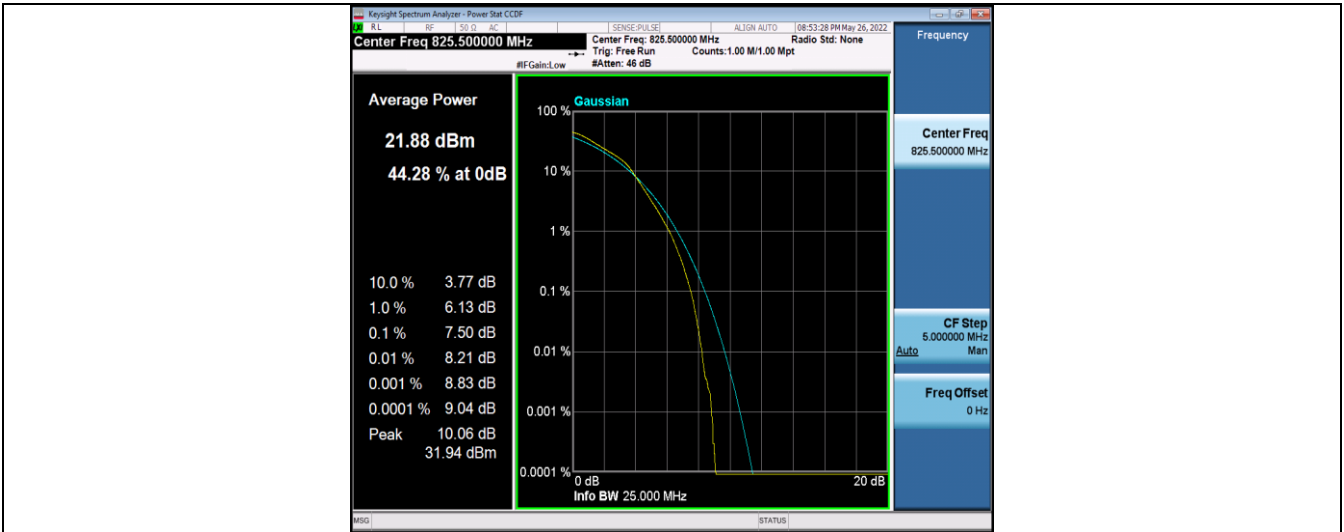
Band5-3MHz-QPSK-20525-15RB#0



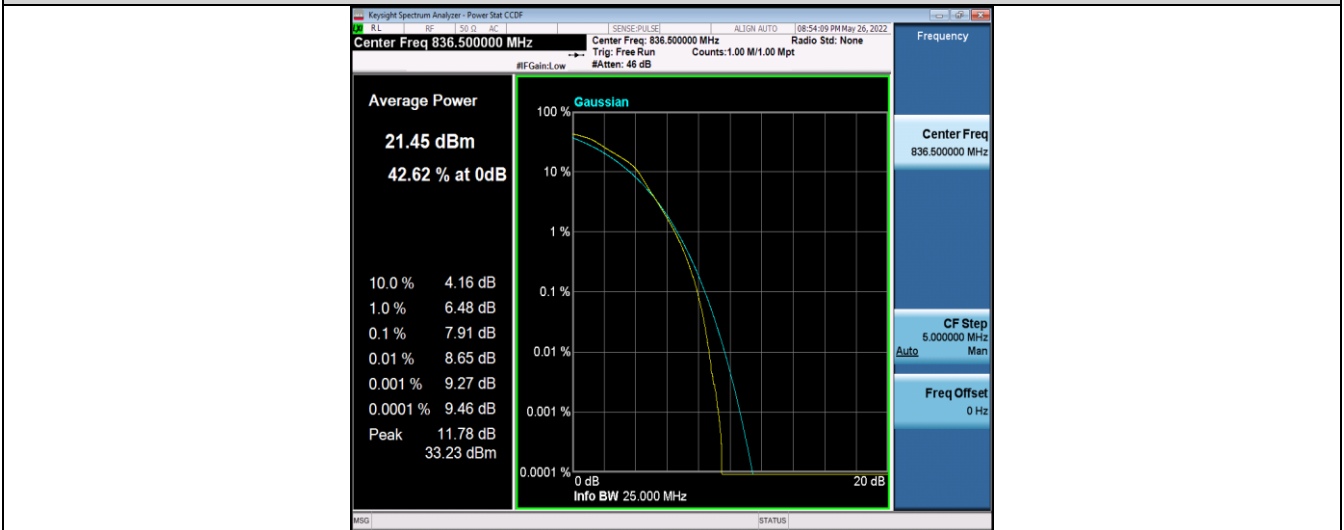
Band5-3MHz-QPSK-20635-15RB#0



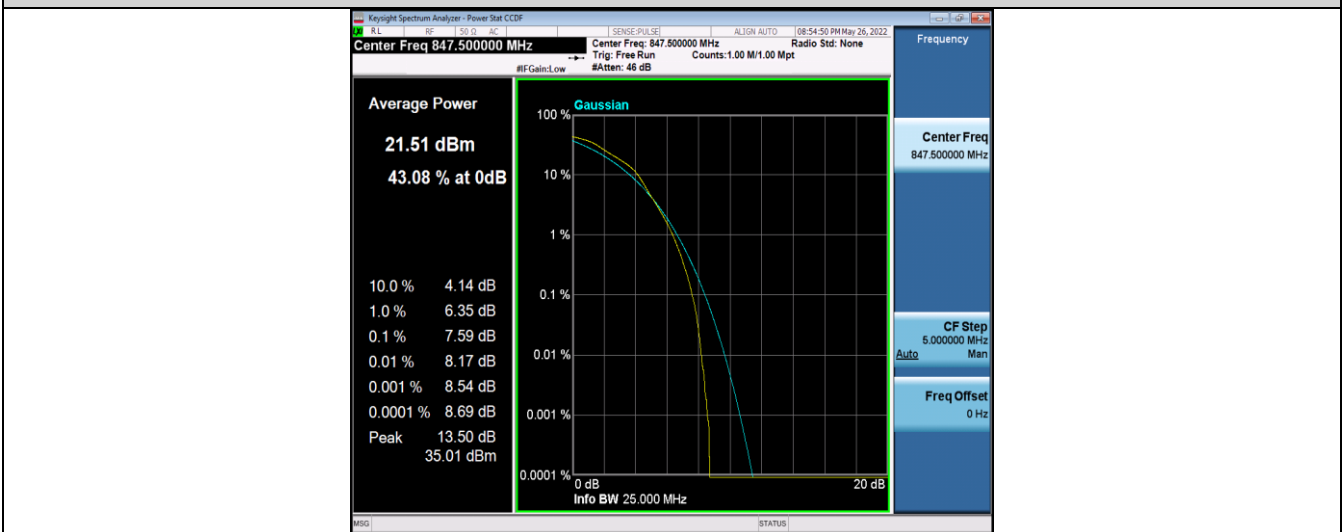
Band5-3MHz-16QAM-20415-15RB#0



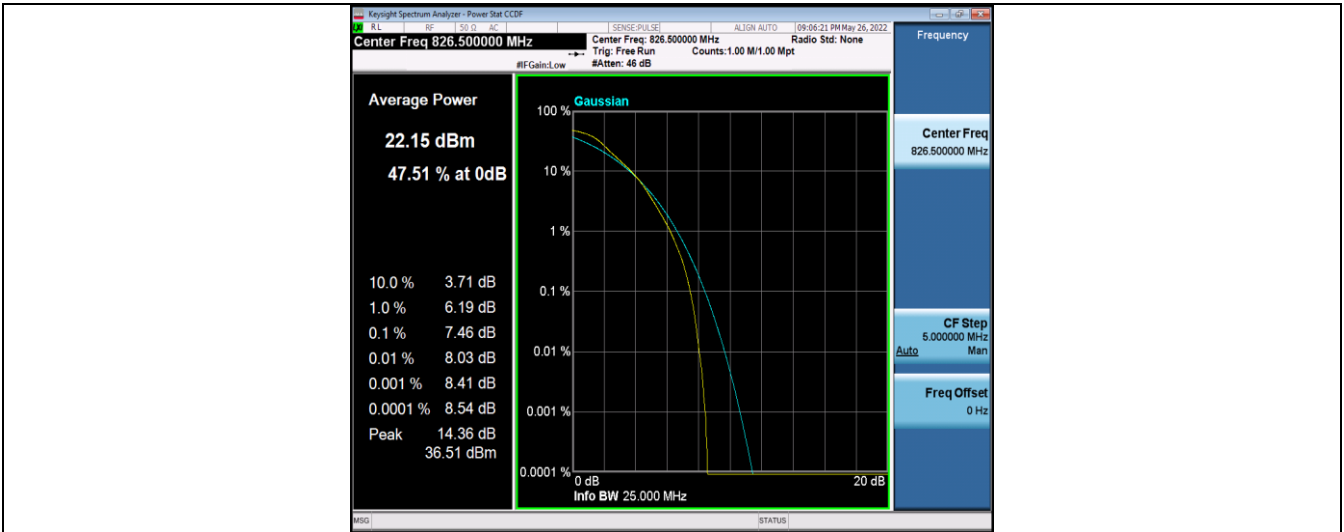
Band5-3MHz-16QAM-20525-15RB#0



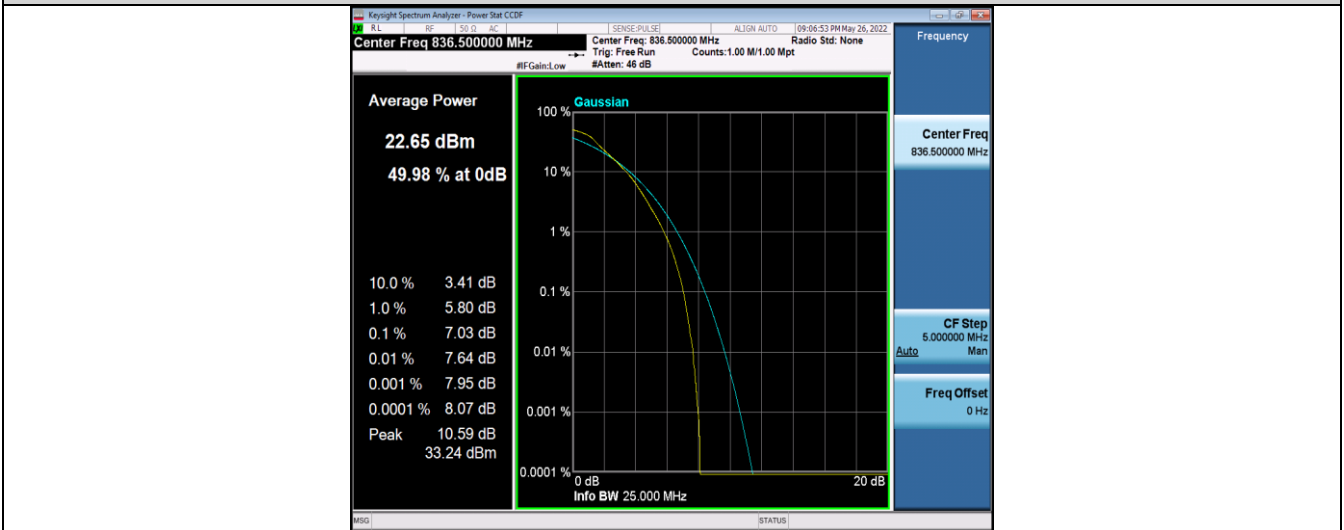
Band5-3MHz-16QAM-20635-15RB#0



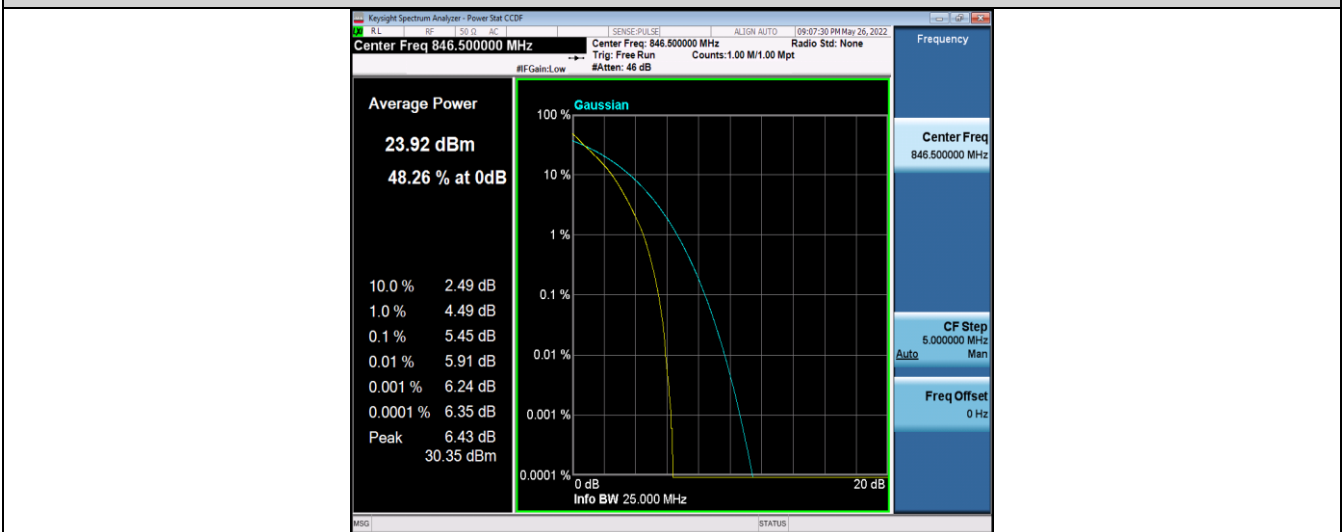
Band5-5MHz-QPSK-20425-25RB#0



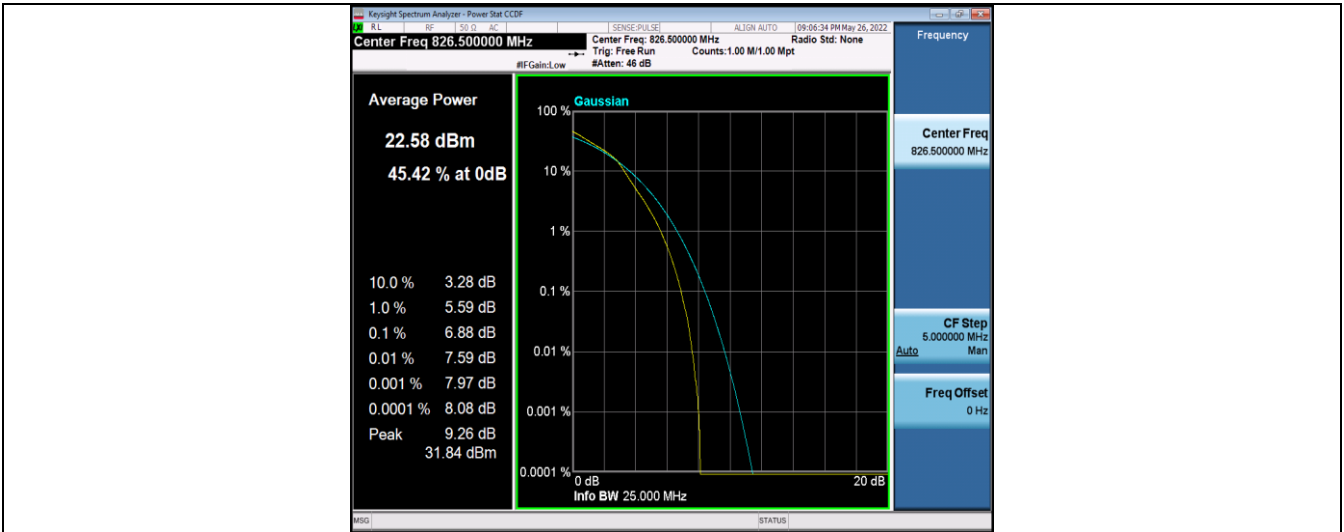
Band5-5MHz-QPSK-20525-25RB#0



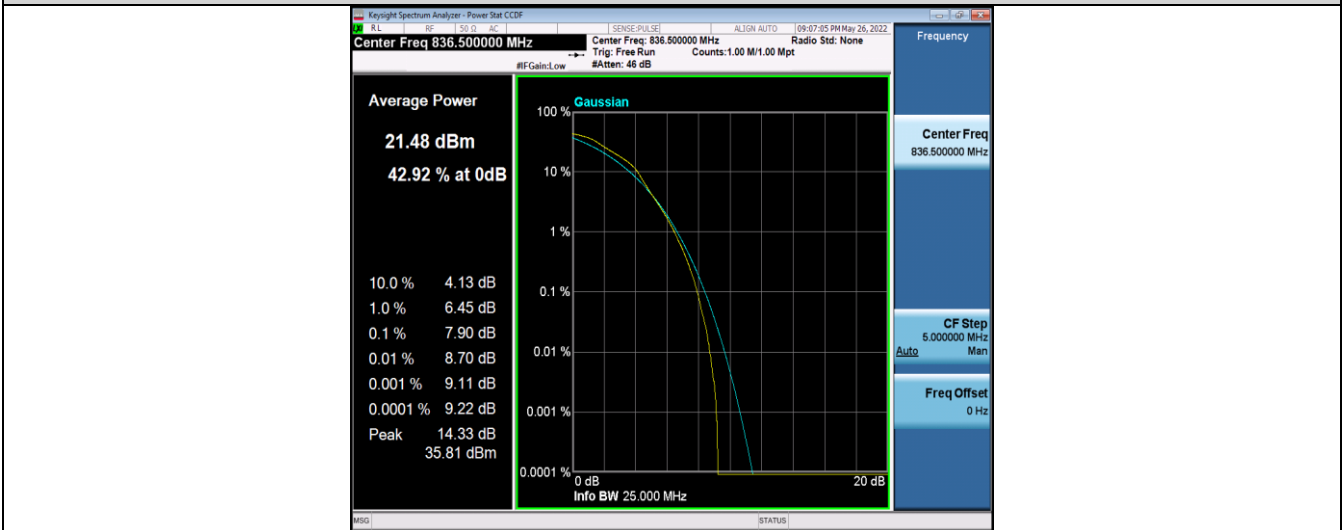
Band5-5MHz-QPSK-20625-25RB#0



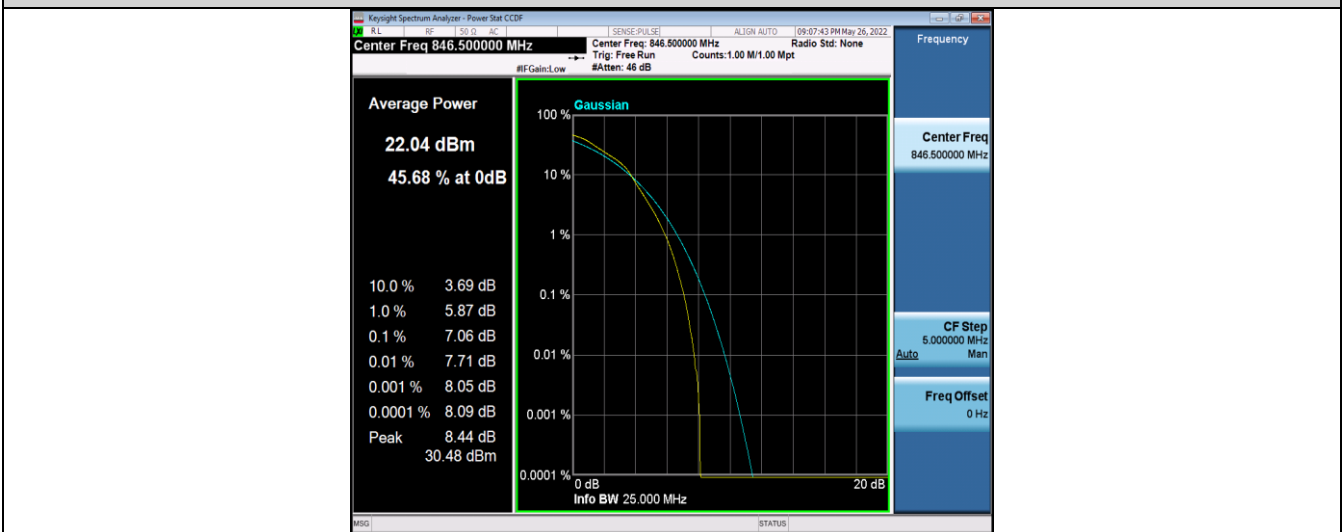
Band5-5MHz-16QAM-20425-25RB#0



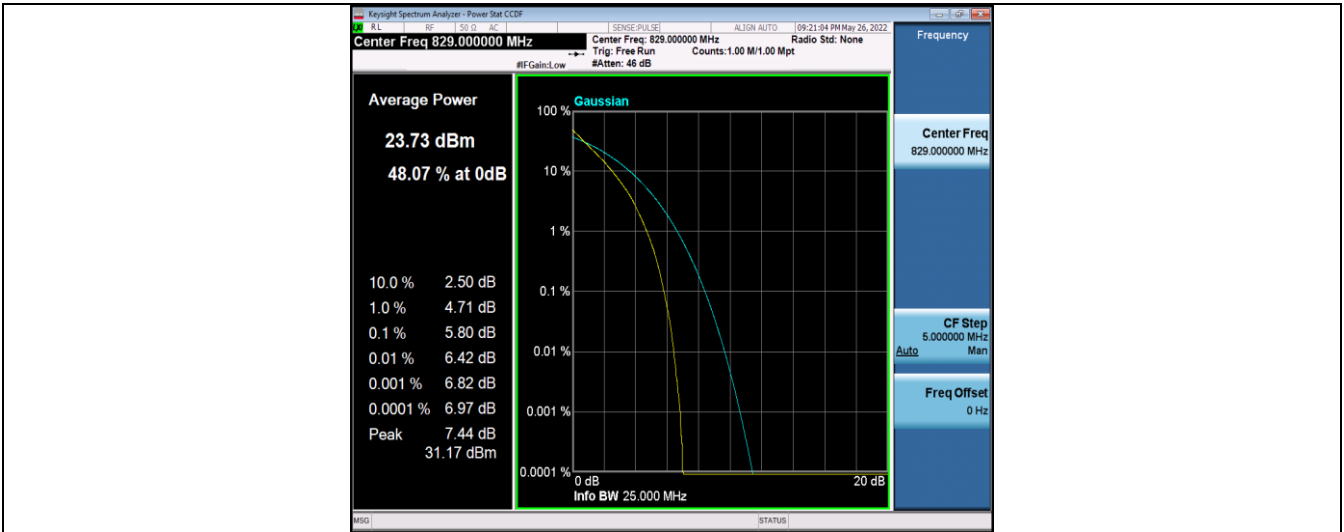
Band5-5MHz-16QAM-20525-25RB#0



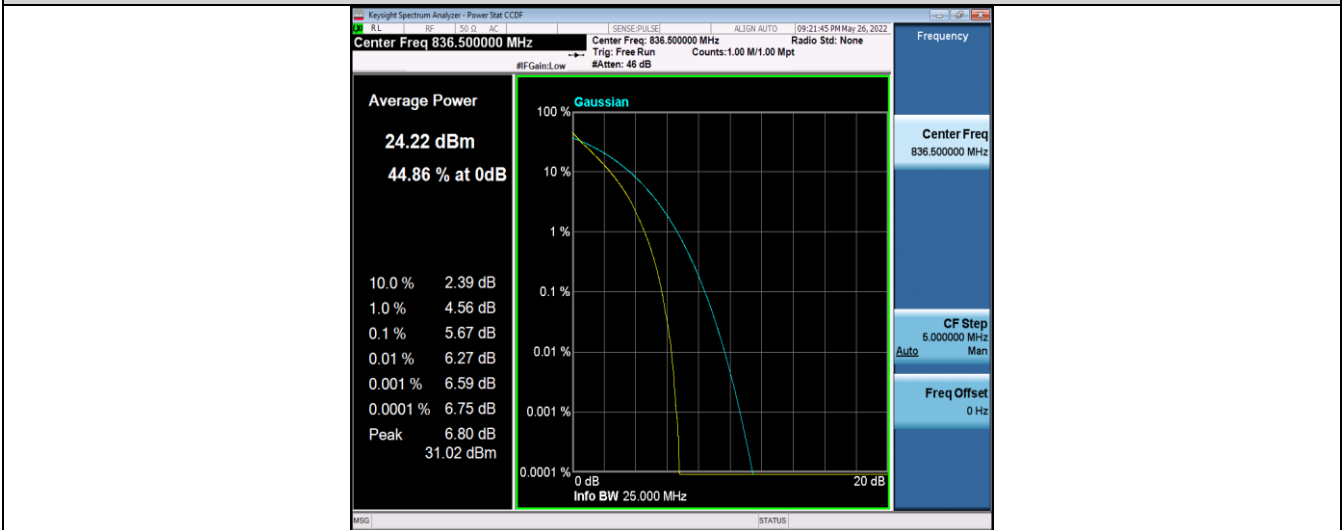
Band5-5MHz-16QAM-20625-25RB#0



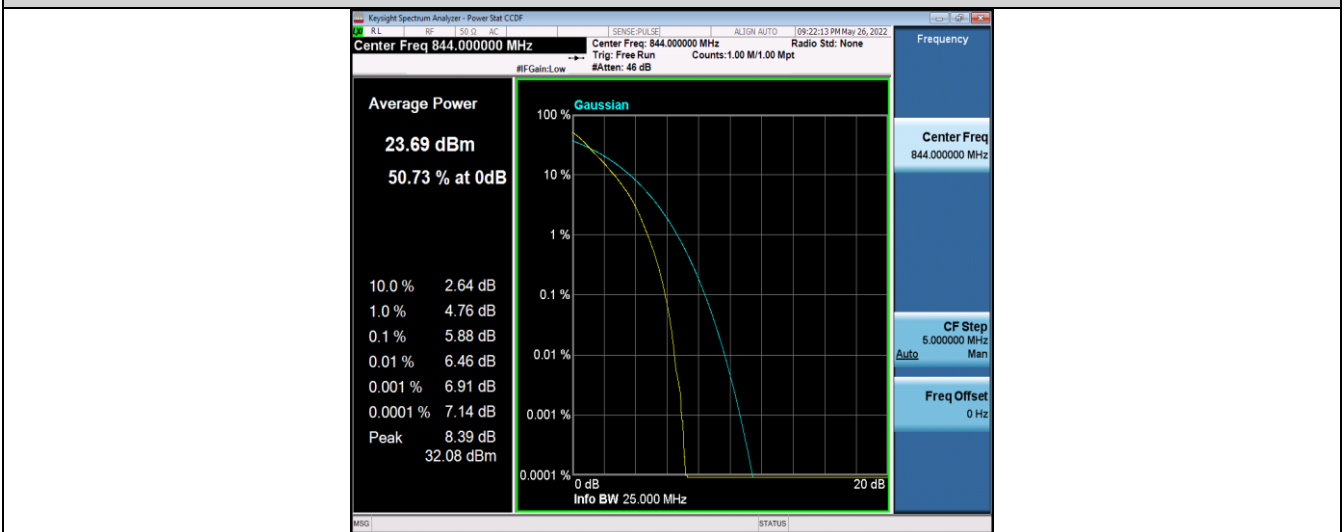
Band5-10MHz-QPSK-20450-50RB#0



Band5-10MHz-QPSK-20525-50RB#0

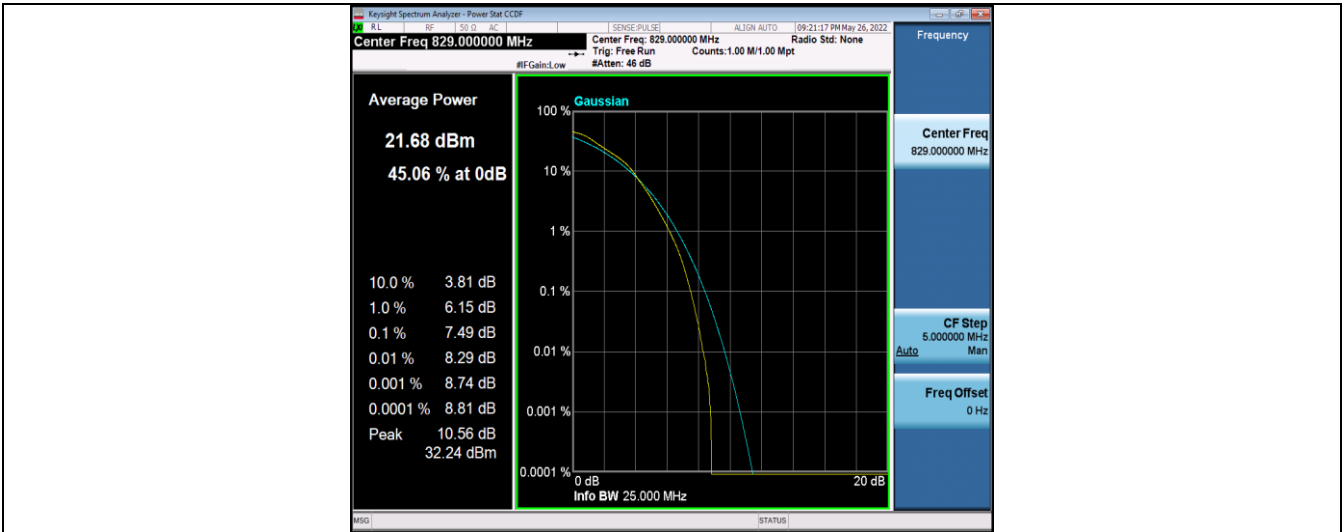


Band5-10MHz-QPSK-20600-50RB#0

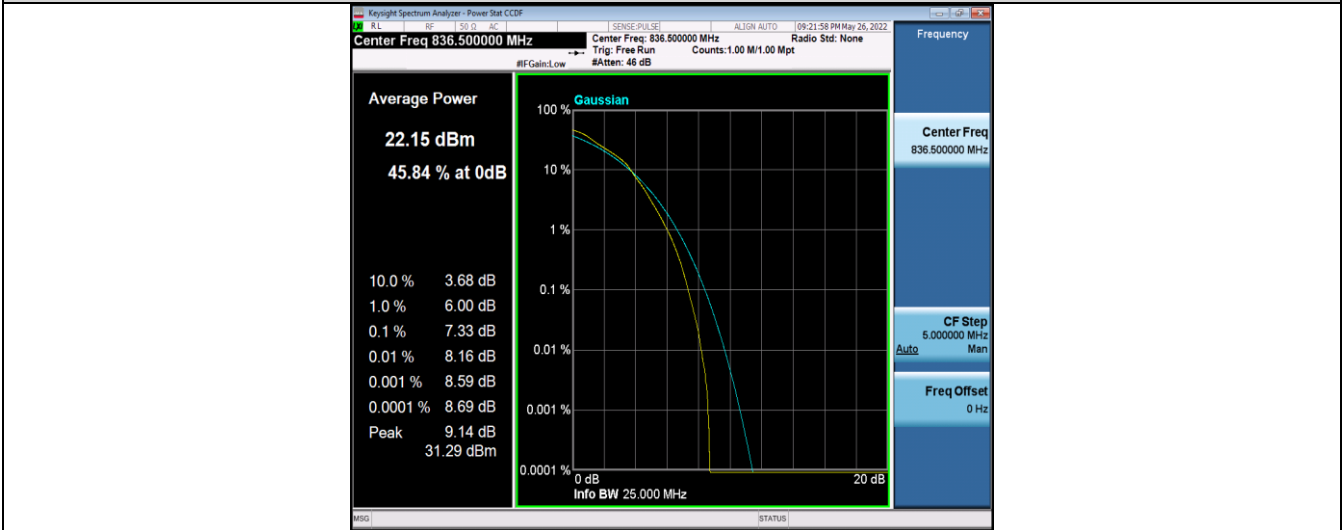


Band5-10MHz-16QAM-20450-50RB#0

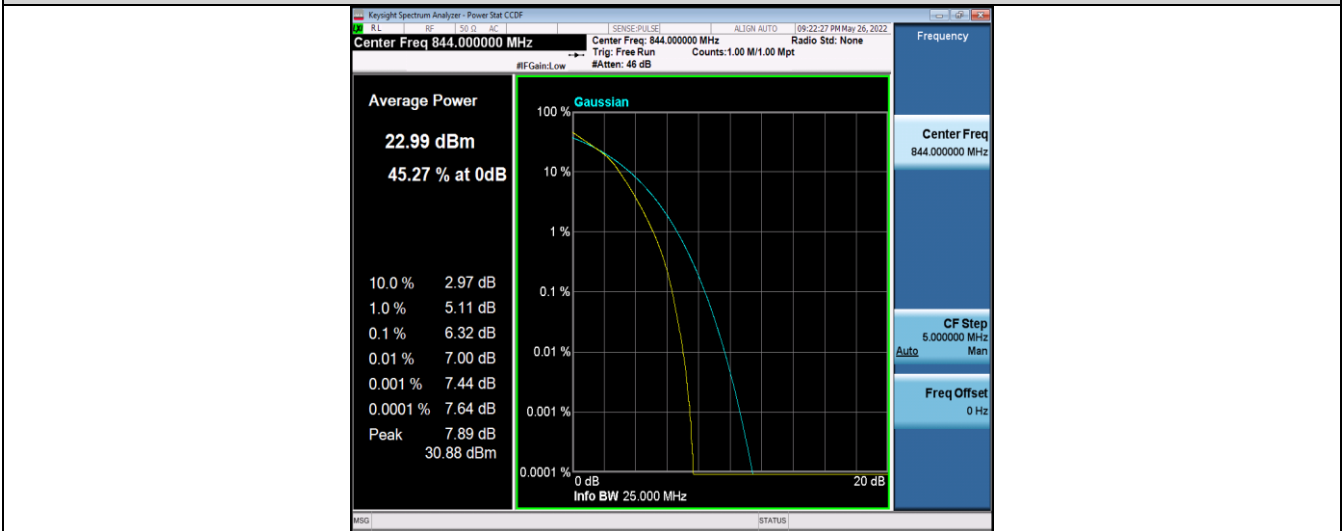




Band5-10MHz-16QAM-20525-50RB#0



Band5-10MHz-16QAM-20600-50RB#0



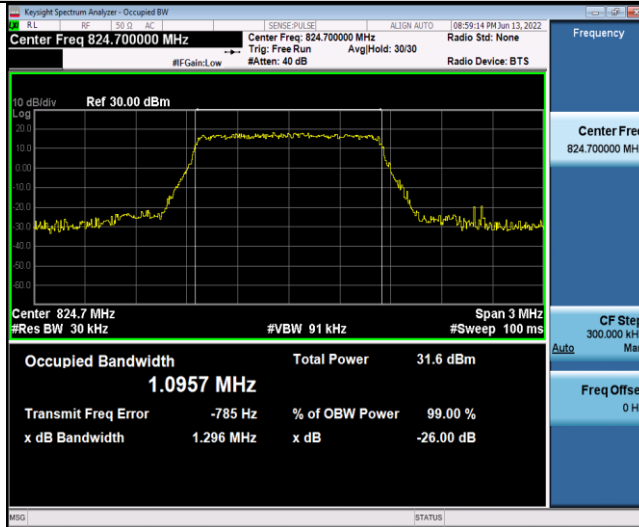
### Appendix C: 26dB Bandwidth and Occupied Bandwidth

#### Test Result

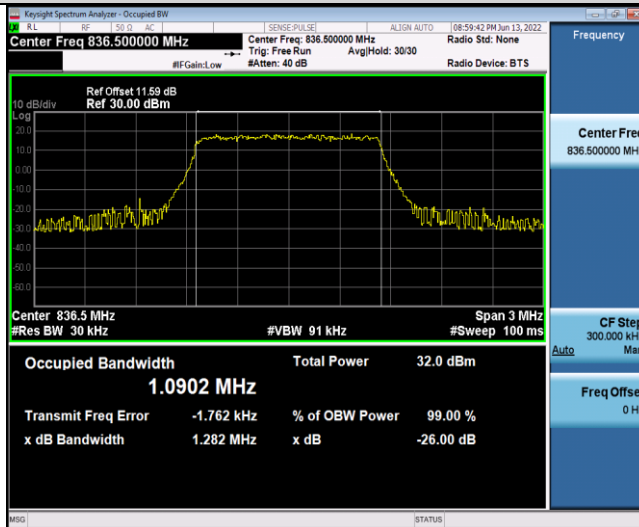
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	1.0957	1.296	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.0902	1.282	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.1033	1.282	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.0887	1.281	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.0969	1.313	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.0936	1.277	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.6915	2.912	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.6851	2.895	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.6893	2.912	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.6819	2.925	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.6815	2.903	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.6828	2.947	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.5042	4.936	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.5077	4.940	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.4933	4.904	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.4921	4.927	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.4878	4.914	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.5006	4.943	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.9841	9.824	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.9980	9.837	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.9835	9.783	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.9746	9.739	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.9855	9.751	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.9753	9.750	PASS

### Test Graphs

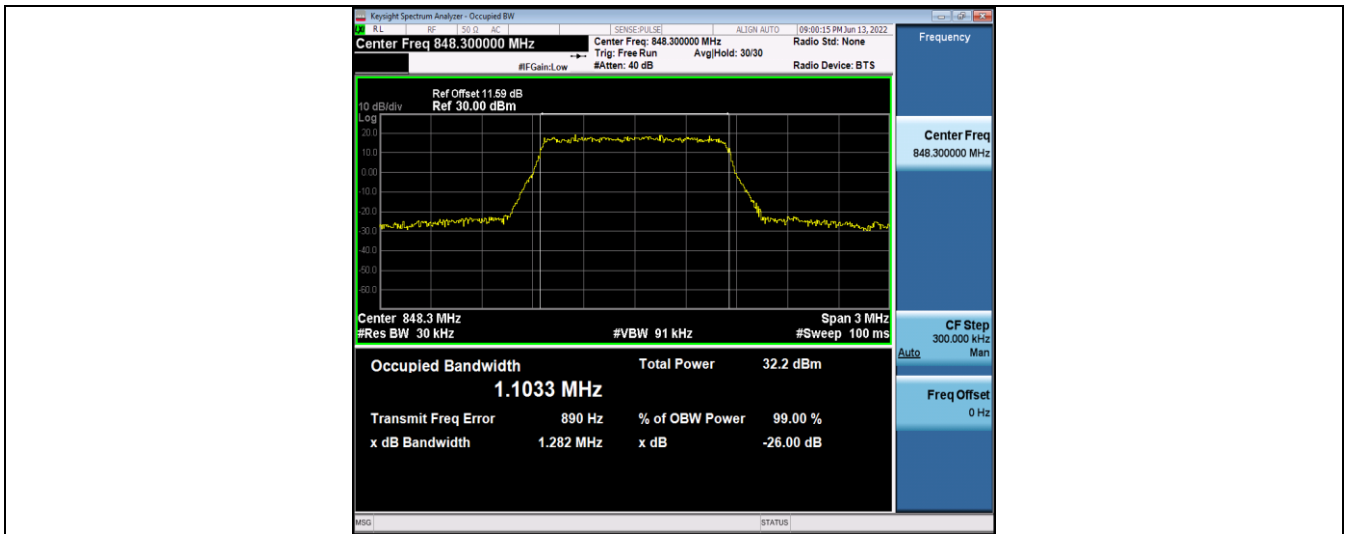
Band5-1.4MHz-QPSK-20407-6RB#0



Band5-1.4MHz-QPSK-20525-6RB#0



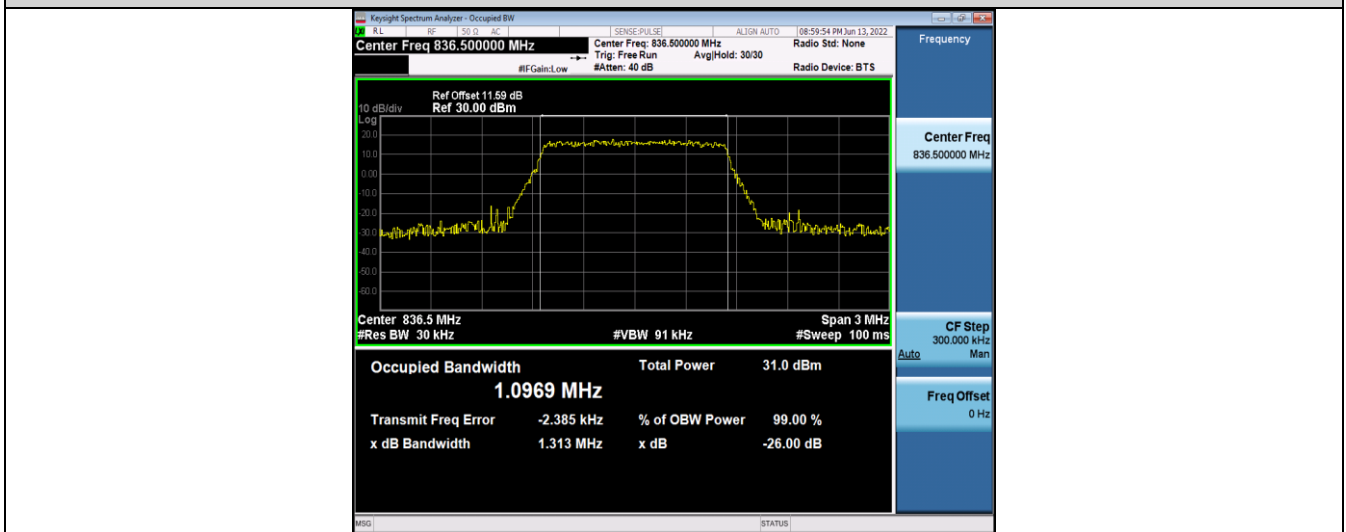
Band5-1.4MHz-QPSK-20643-6RB#0



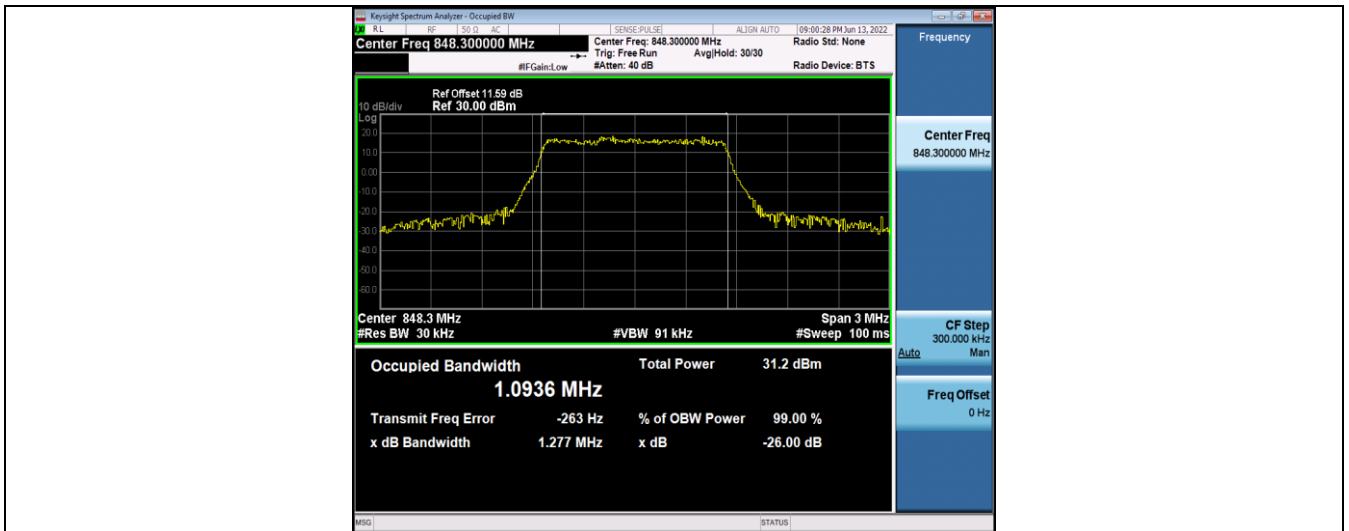
Band5-1.4MHz-16QAM-20407-6RB#0



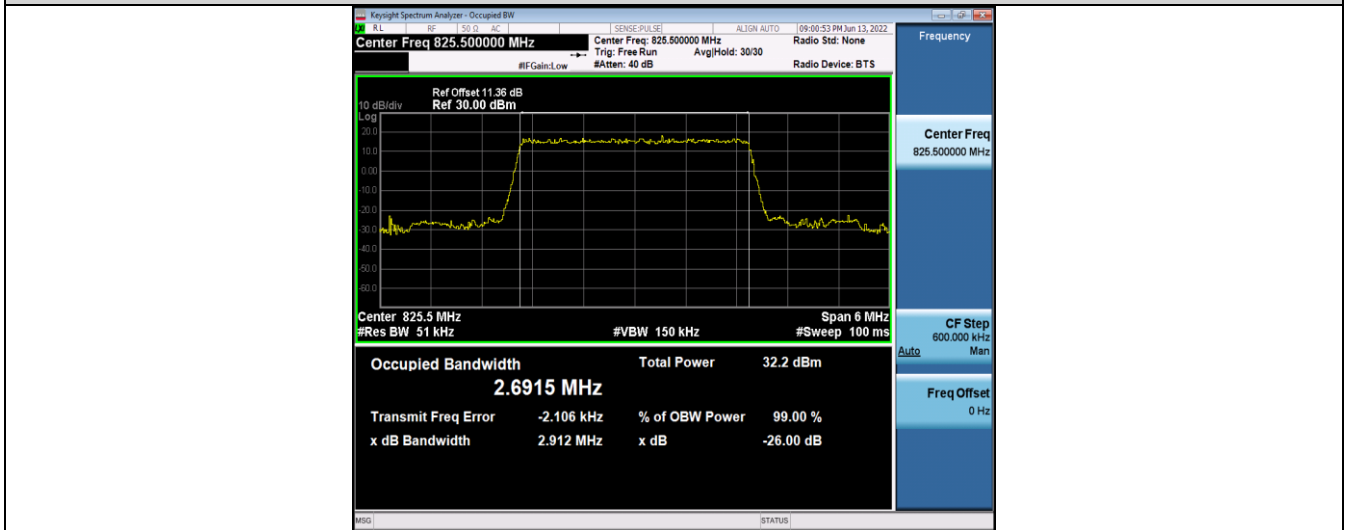
Band5-1.4MHz-16QAM-20525-6RB#0



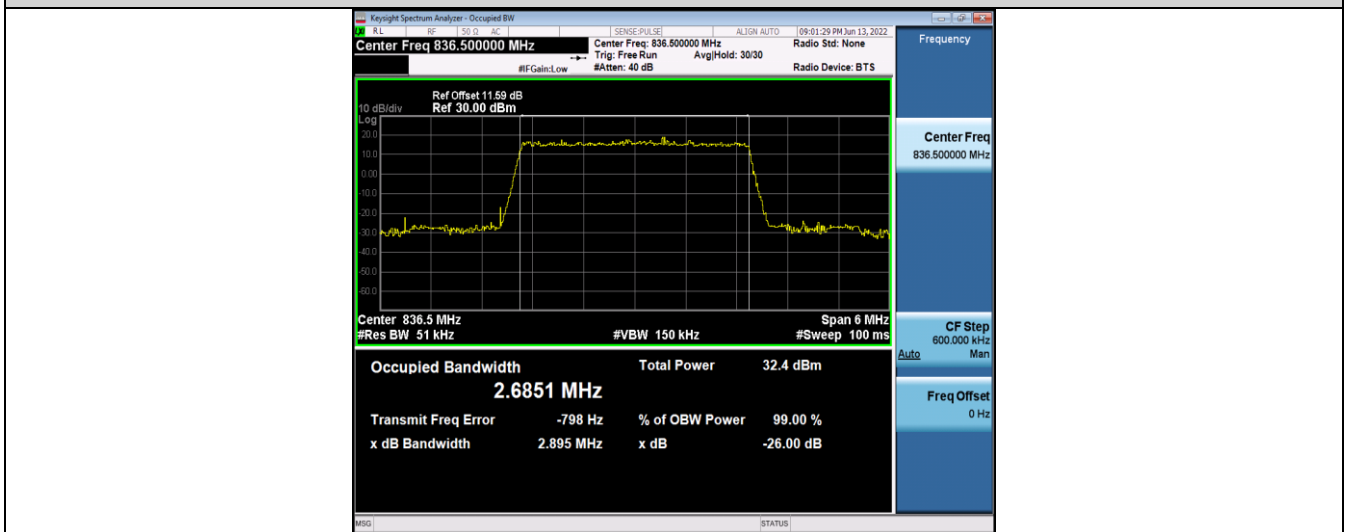
Band5-1.4MHz-16QAM-20643-6RB#0



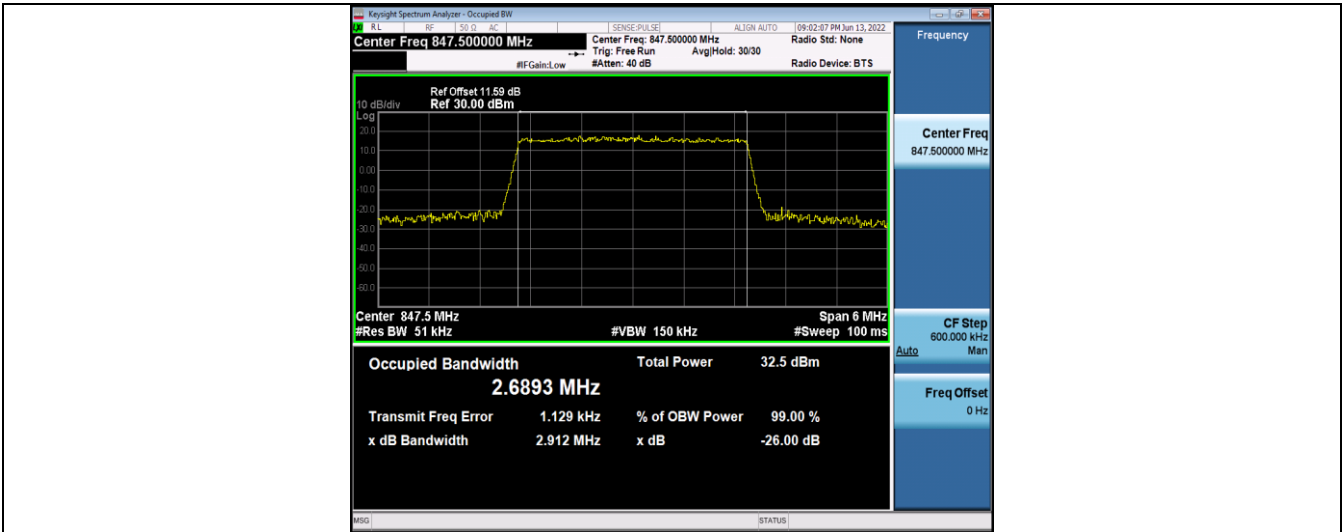
Band5-3MHz-QPSK-20415-15RB#0



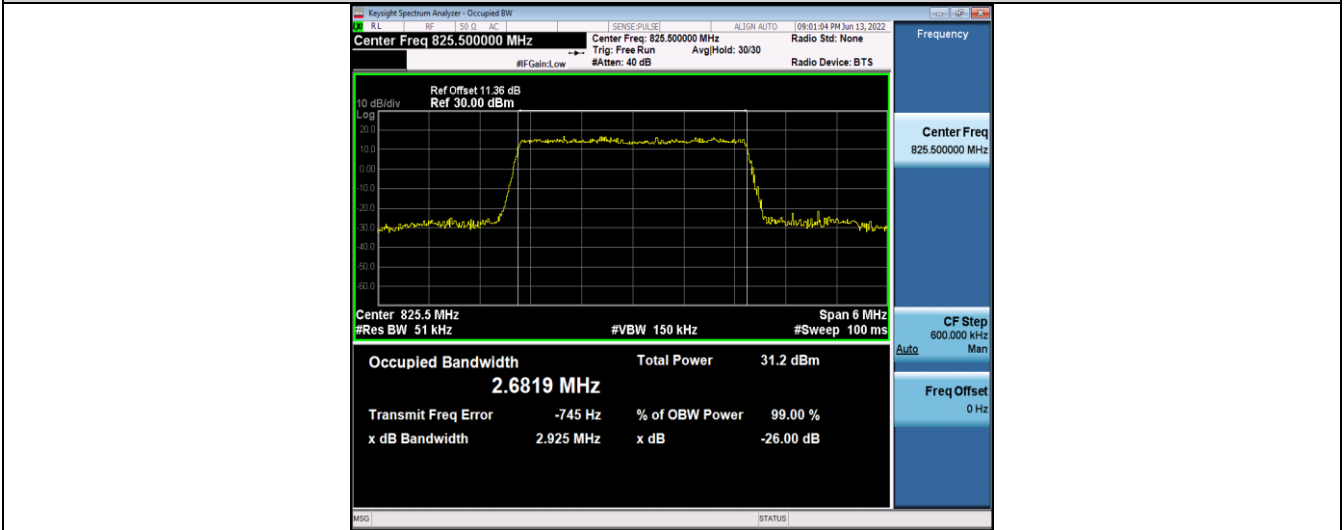
Band5-3MHz-QPSK-20525-15RB#0



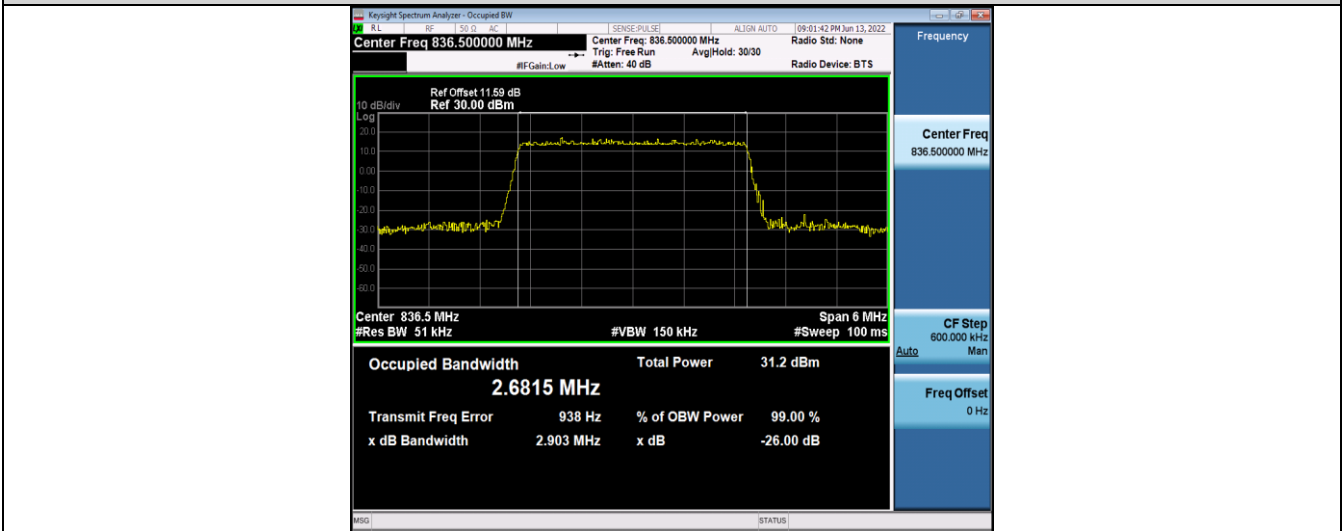
Band5-3MHz-QPSK-20635-15RB#0



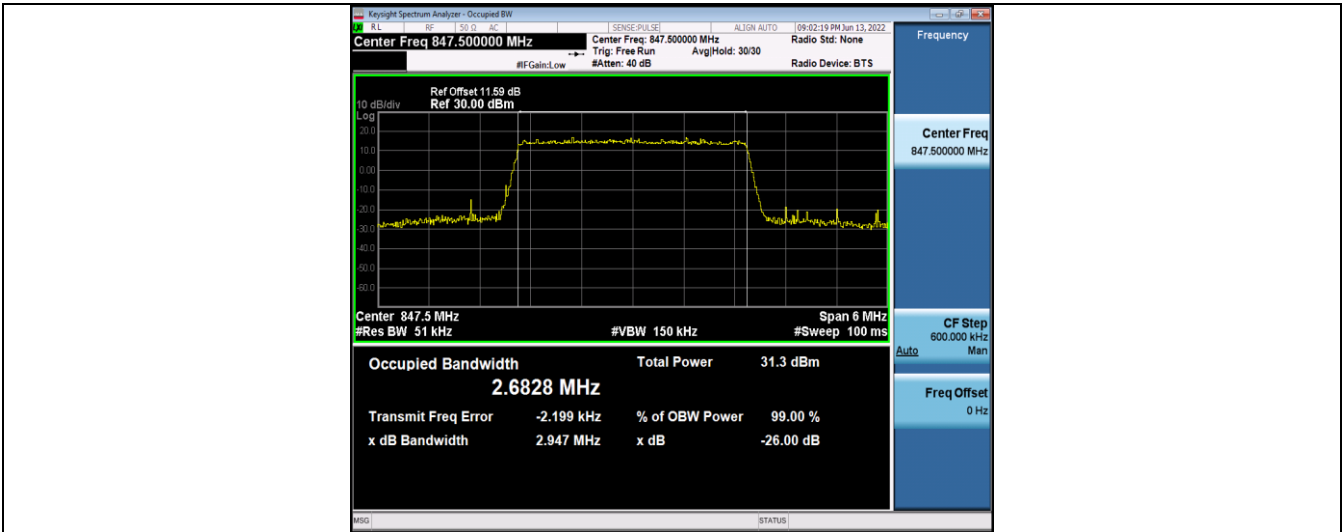
Band5-3MHz-16QAM-20415-15RB#0



Band5-3MHz-16QAM-20525-15RB#0



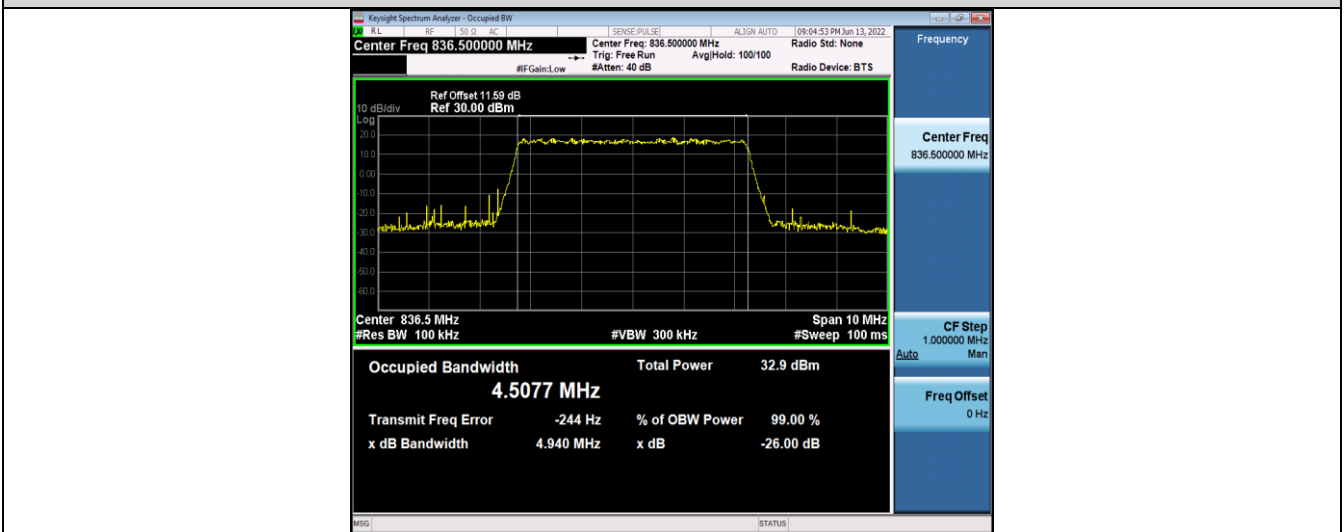
Band5-3MHz-16QAM-20635-15RB#0



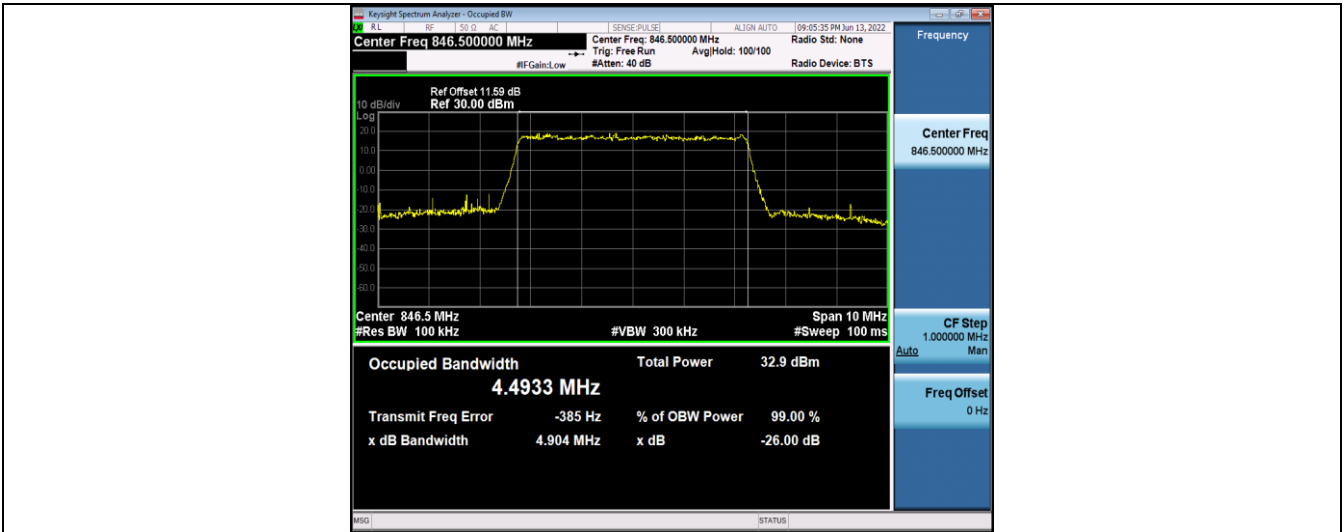
Band5-5MHz-QPSK-20425-25RB#0



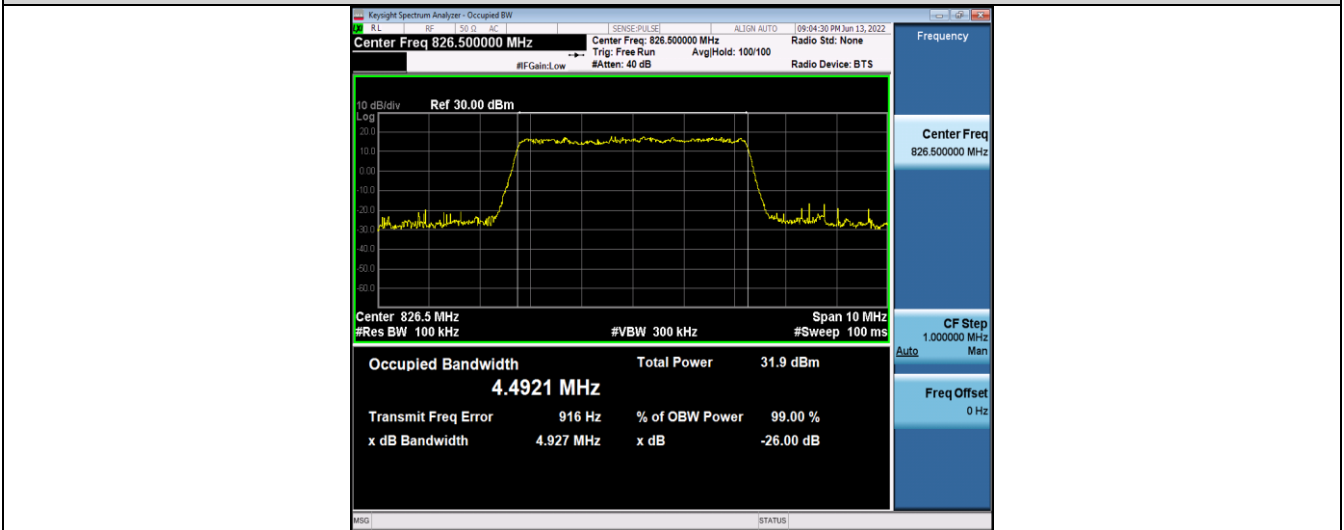
Band5-5MHz-QPSK-20525-25RB#0



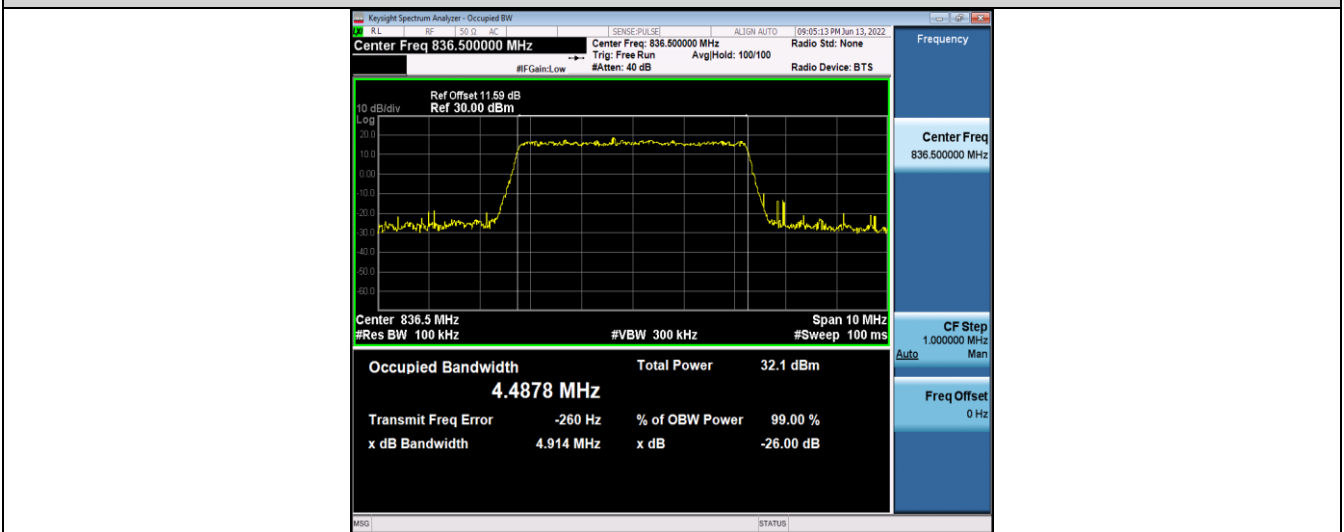
Band5-5MHz-QPSK-20625-25RB#0



Band5-5MHz-16QAM-20425-25RB#0



Band5-5MHz-16QAM-20525-25RB#0



Band5-5MHz-16QAM-20625-25RB#0





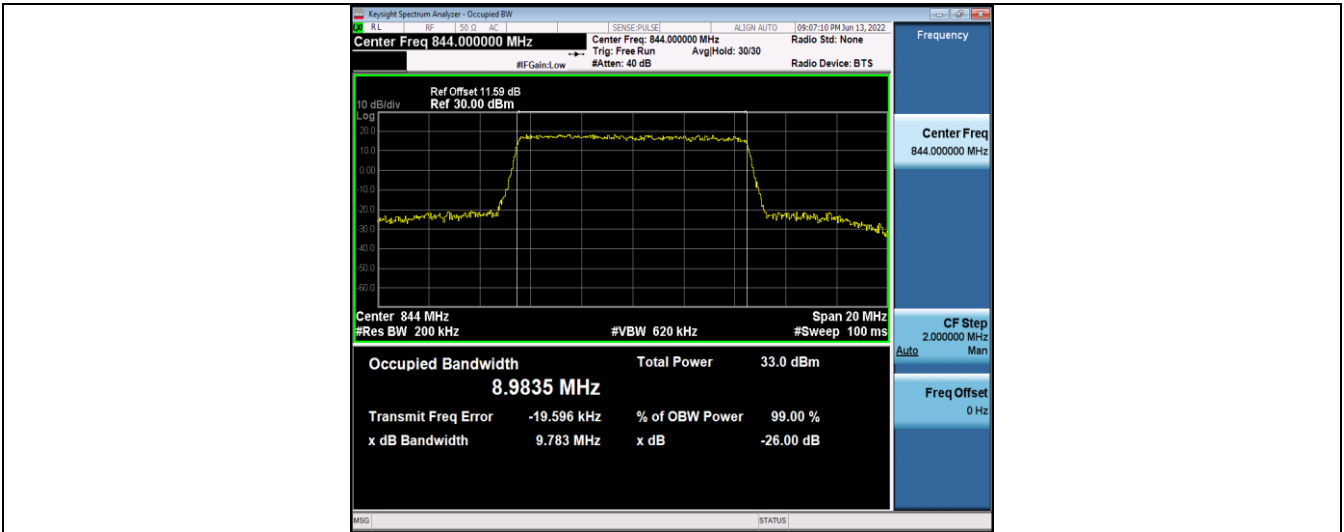
Band5-10MHz-QPSK-20450-50RB#0



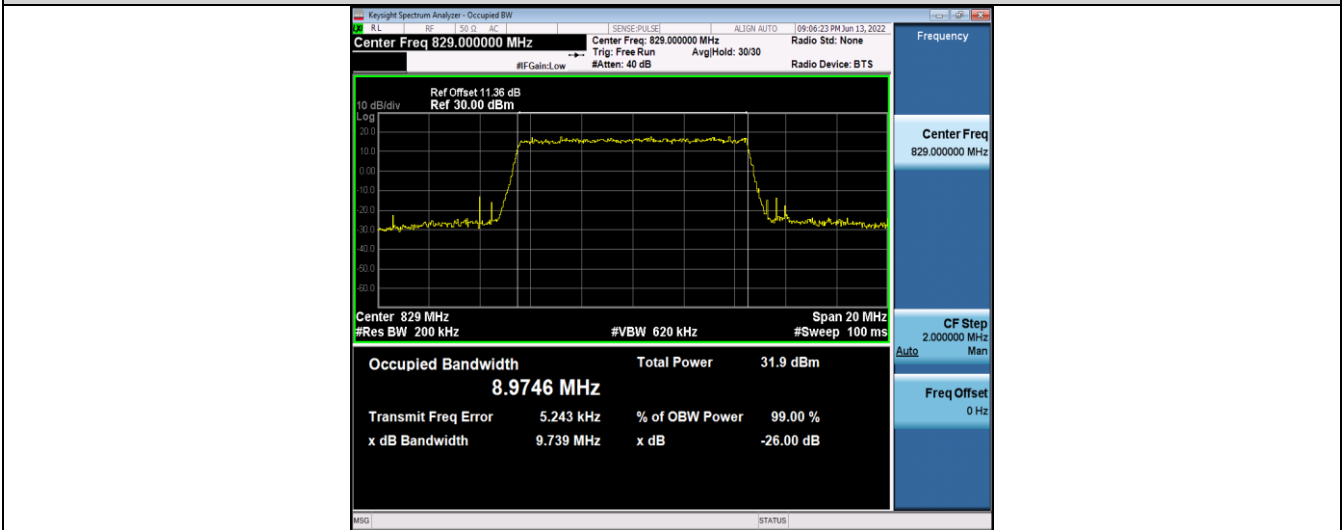
Band5-10MHz-QPSK-20525-50RB#0



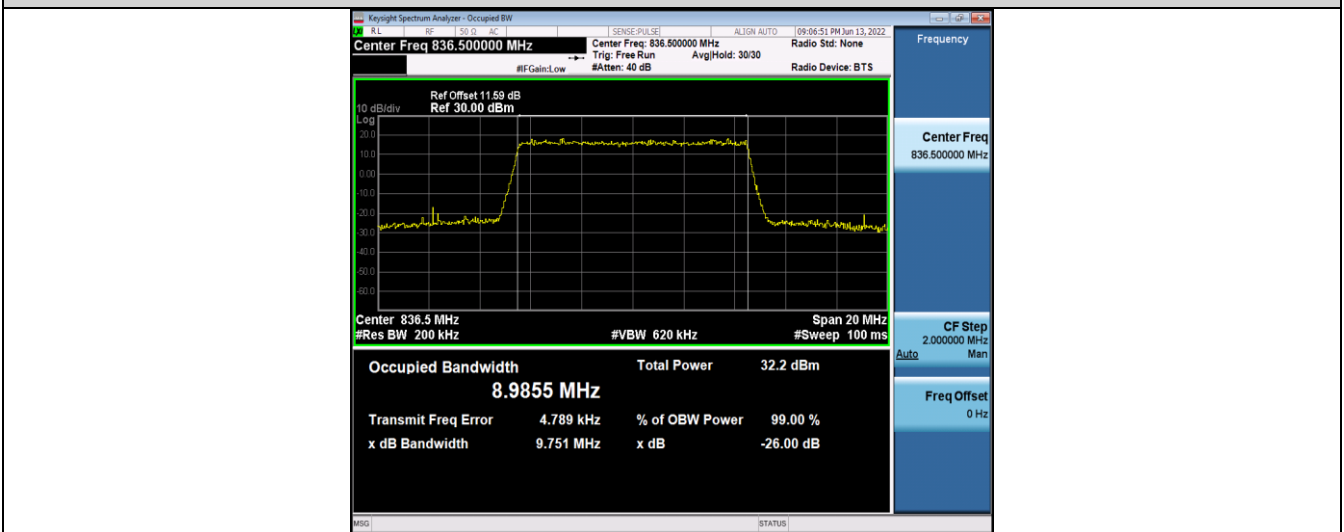
Band5-10MHz-QPSK-20600-50RB#0



Band5-10MHz-16QAM-20450-50RB#0



Band5-10MHz-16QAM-20525-50RB#0



Band5-10MHz-16QAM-20600-50RB#0



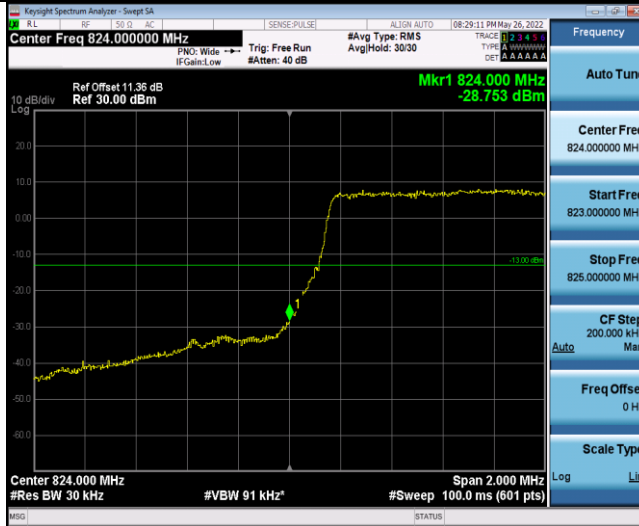
# Appendix D: Band Edge

## Test Result

Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	-28.75	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	-29.17	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	-29.38	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	-28.32	PASS
Band5	3MHz	QPSK	20415	15RB#0	-28.42	PASS
Band5	3MHz	QPSK	20635	15RB#0	-31.05	PASS
Band5	3MHz	16QAM	20415	15RB#0	-30.72	PASS
Band5	3MHz	16QAM	20635	15RB#0	-31.79	PASS
Band5	5MHz	QPSK	20425	25RB#0	-28.56	PASS
Band5	5MHz	QPSK	20625	25RB#0	-28.99	PASS
Band5	5MHz	16QAM	20425	25RB#0	-28.99	PASS
Band5	5MHz	16QAM	20625	25RB#0	-29.83	PASS
Band5	10MHz	QPSK	20450	50RB#0	-30.21	PASS
Band5	10MHz	QPSK	20600	50RB#0	-33.51	PASS
Band5	10MHz	16QAM	20450	50RB#0	-33.11	PASS
Band5	10MHz	16QAM	20600	50RB#0	-32.99	PASS

### Test Graphs

Band5-1.4MHz-QPSK-20407-6RB#0



Band5-1.4MHz-QPSK-20643-6RB#0



Band5-1.4MHz-16QAM-20407-6RB#0



Band5-1.4MHz-16QAM-20643-6RB#0



Band5-3MHz-QPSK-20415-15RB#0



Band5-3MHz-QPSK-20635-15RB#0



Band5-3MHz-16QAM-20415-15RB#0