

FCC LTE Band2 Test Data

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

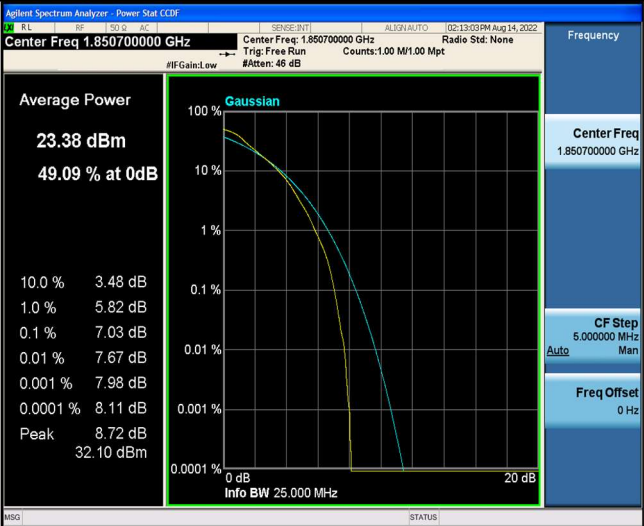
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	7.03	13	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	5.78	13	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	5.00	13	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	7.38	13	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	8.20	13	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	7.35	13	PASS
Band2	3MHz	QPSK	18615	15RB#0	5.83	13	PASS
Band2	3MHz	QPSK	18900	15RB#0	5.90	13	PASS
Band2	3MHz	QPSK	19185	15RB#0	5.14	13	PASS
Band2	3MHz	16QAM	18615	15RB#0	7.95	13	PASS
Band2	3MHz	16QAM	18900	15RB#0	7.85	13	PASS
Band2	3MHz	16QAM	19185	15RB#0	7.95	13	PASS
Band2	5MHz	QPSK	18625	25RB#0	6.24	13	PASS
Band2	5MHz	QPSK	18900	25RB#0	7.16	13	PASS
Band2	5MHz	QPSK	19175	25RB#0	5.03	13	PASS
Band2	5MHz	16QAM	18625	25RB#0	6.53	13	PASS
Band2	5MHz	16QAM	18900	25RB#0	6.75	13	PASS
Band2	5MHz	16QAM	19175	25RB#0	7.50	13	PASS
Band2	10MHz	QPSK	18650	50RB#0	7.22	13	PASS
Band2	10MHz	QPSK	18900	50RB#0	6.03	13	PASS
Band2	10MHz	QPSK	19150	50RB#0	5.52	13	PASS
Band2	10MHz	16QAM	18650	50RB#0	6.75	13	PASS
Band2	10MHz	16QAM	18900	50RB#0	7.73	13	PASS
Band2	10MHz	16QAM	19150	50RB#0	8.15	13	PASS
Band2	15MHz	QPSK	18675	75RB#0	5.96	13	PASS
Band2	15MHz	QPSK	18900	75RB#0	6.08	13	PASS
Band2	15MHz	QPSK	19125	75RB#0	5.90	13	PASS
Band2	15MHz	16QAM	18675	75RB#0	8.37	13	PASS

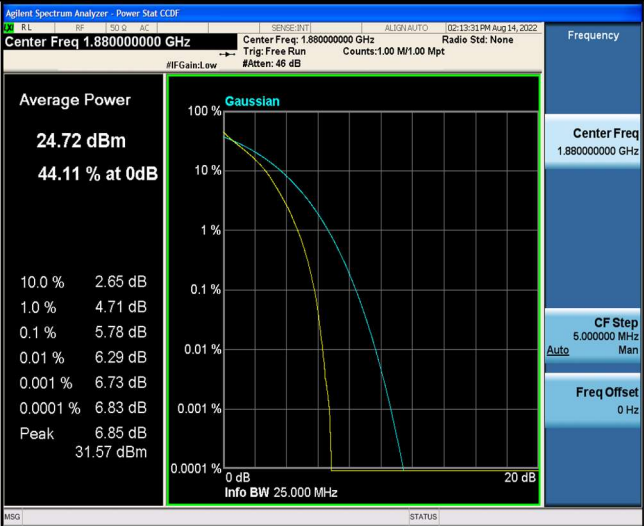
Band2	15MHz	16QAM	18900	75RB#0	7.73	13	PASS
Band2	15MHz	16QAM	19125	75RB#0	8.16	13	PASS
Band2	20MHz	QPSK	18700	100RB#0	6.98	13	PASS
Band2	20MHz	QPSK	18900	100RB#0	5.91	13	PASS
Band2	20MHz	QPSK	19100	100RB#0	6.06	13	PASS
Band2	20MHz	16QAM	18700	100RB#0	6.69	13	PASS
Band2	20MHz	16QAM	18900	100RB#0	7.96	13	PASS
Band2	20MHz	16QAM	19100	100RB#0	6.40	13	PASS

Test Graphs

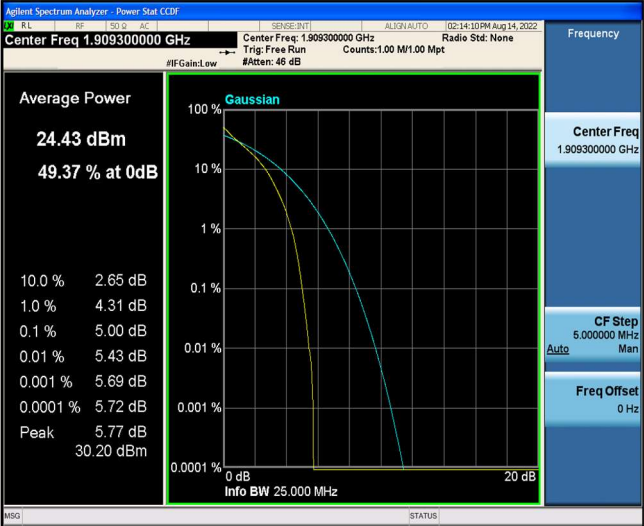
Band2-1.4MHz-QPSK-18607-6RB#0



Band2-1.4MHz-QPSK-18900-6RB#0



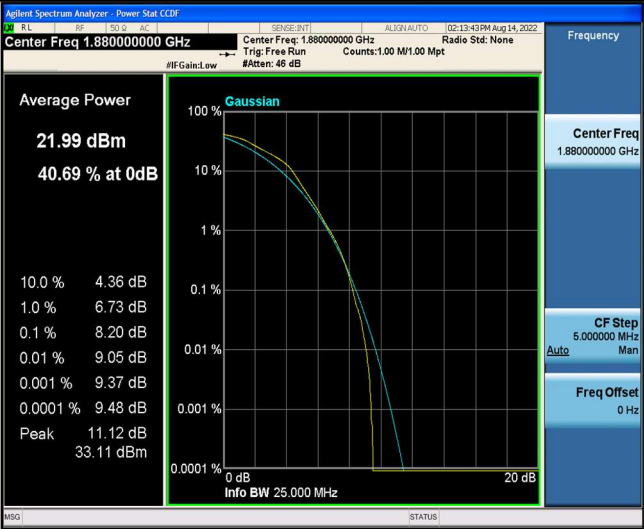
Band2-1.4MHz-QPSK-19193-6RB#0



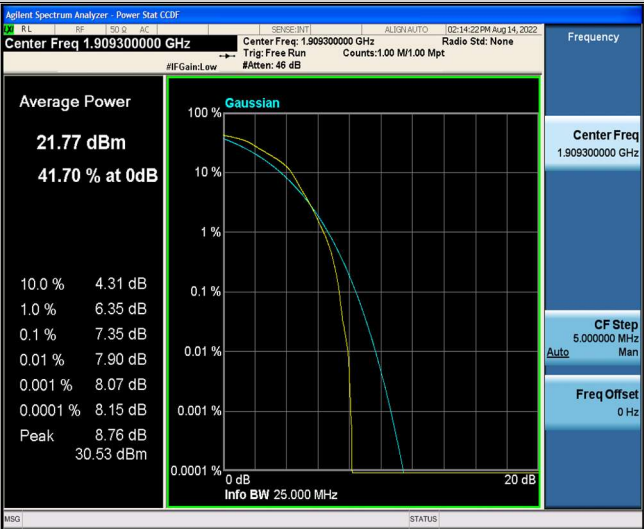
Band2-1.4MHz-16QAM-18607-6RB#0



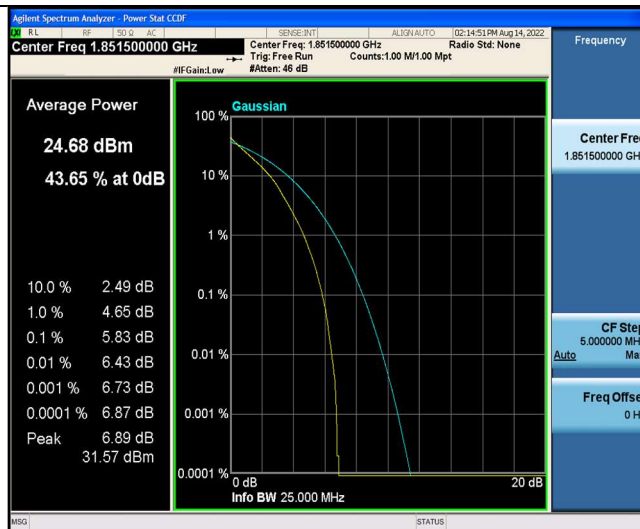
Band2-1.4MHz-16QAM-18900-6RB#0



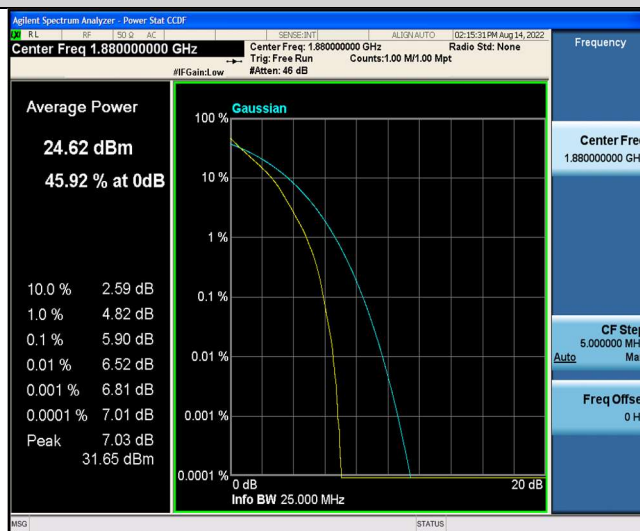
Band2-1.4MHz-16QAM-19193-6RB#0



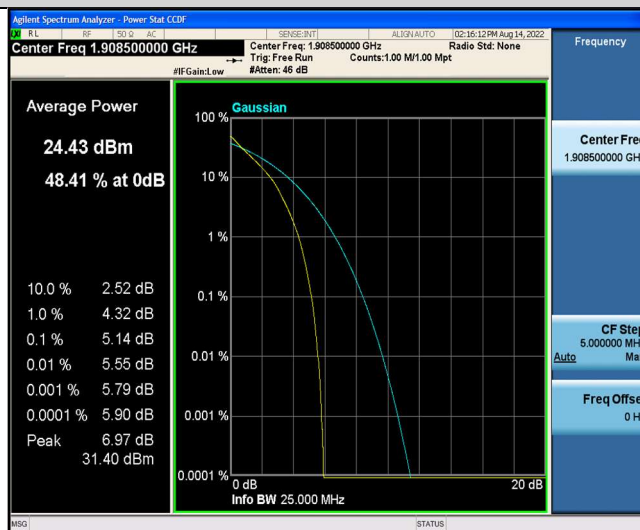
Band2-3MHz-QPSK-18615-15RB#0



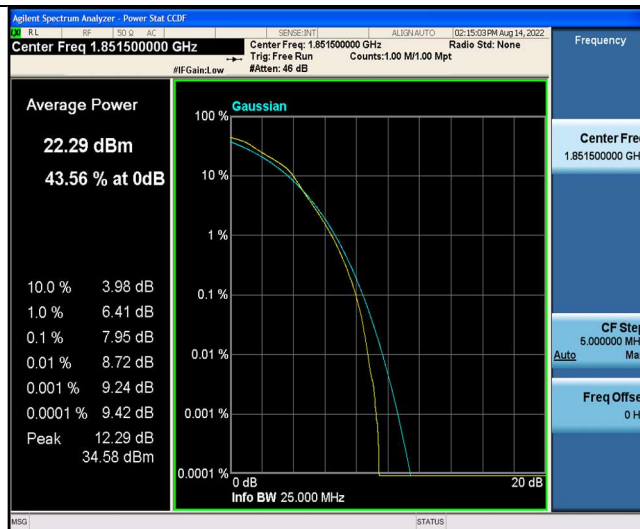
Band2-3MHz-QPSK-18900-15RB#0



Band2-3MHz-QPSK-19185-15RB#0



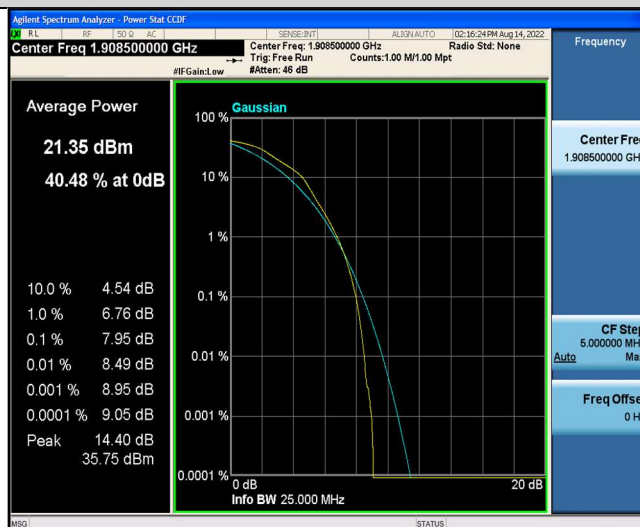
Band2-3MHz-16QAM-18615-15RB#0



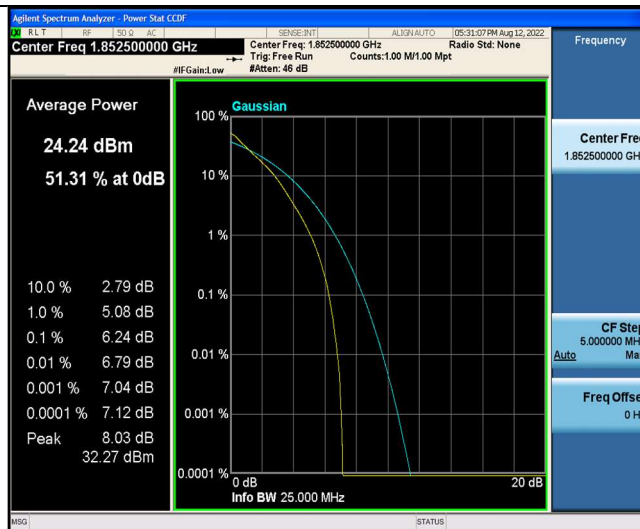
Band2-3MHz-16QAM-18900-15RB#0



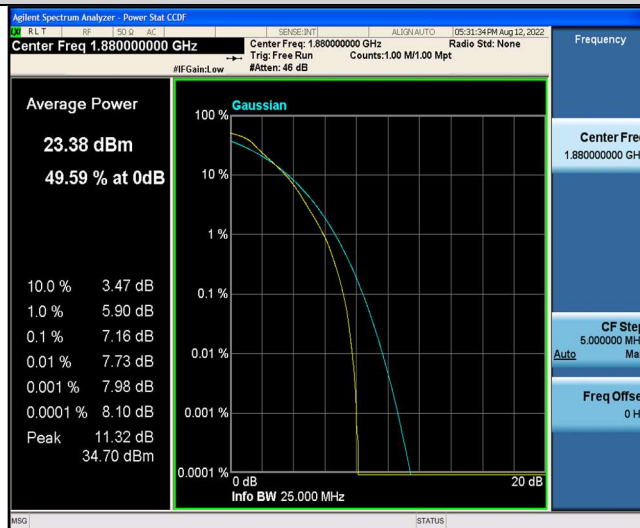
Band2-3MHz-16QAM-19185-15RB#0



Band2-5MHz-QPSK-18625-25RB#0



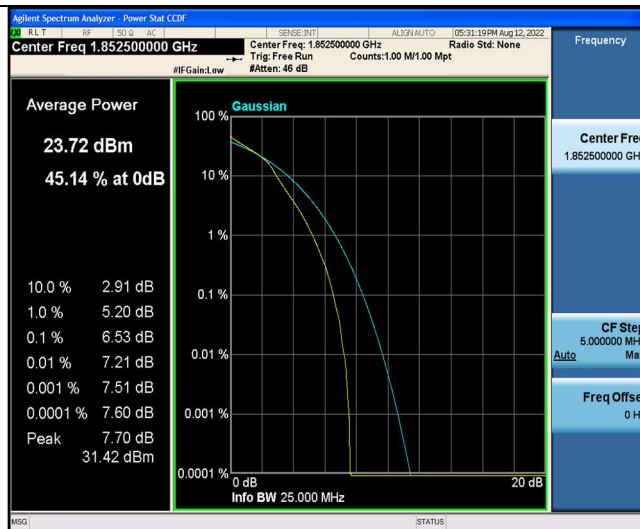
Band2-5MHz-QPSK-18900-25RB#0



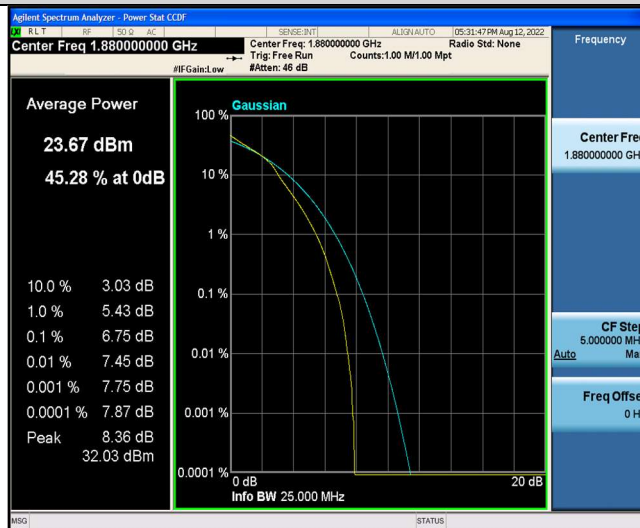
Band2-5MHz-QPSK-19175-25RB#0



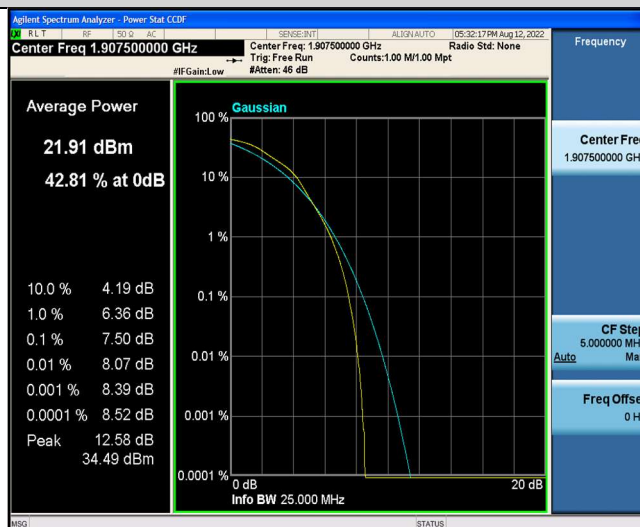
Band2-5MHz-16QAM-18625-25RB#0



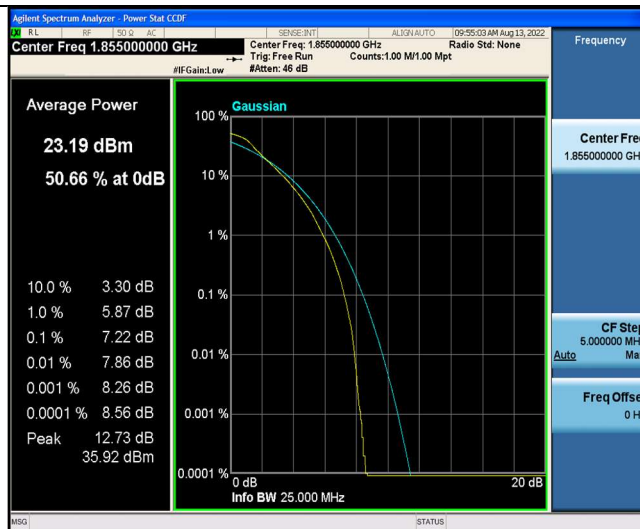
Band2-5MHz-16QAM-18900-25RB#0



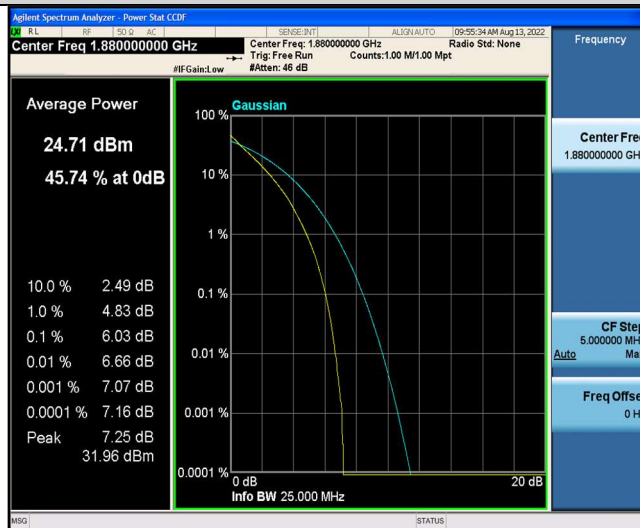
Band2-5MHz-16QAM-19175-25RB#0



Band2-10MHz-QPSK-18650-50RB#0



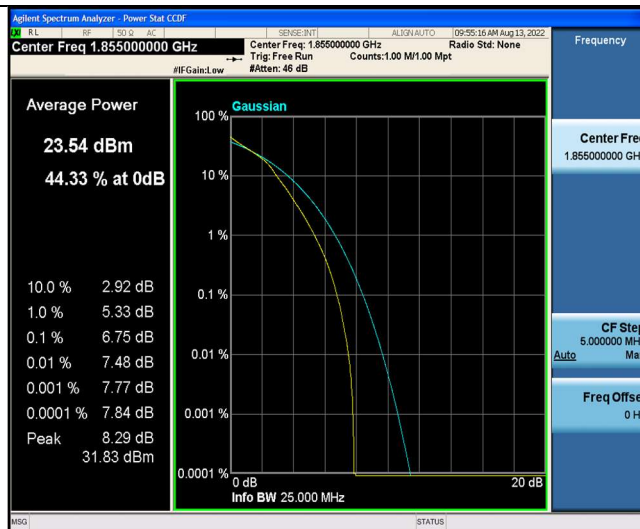
Band2-10MHz-QPSK-18900-50RB#0



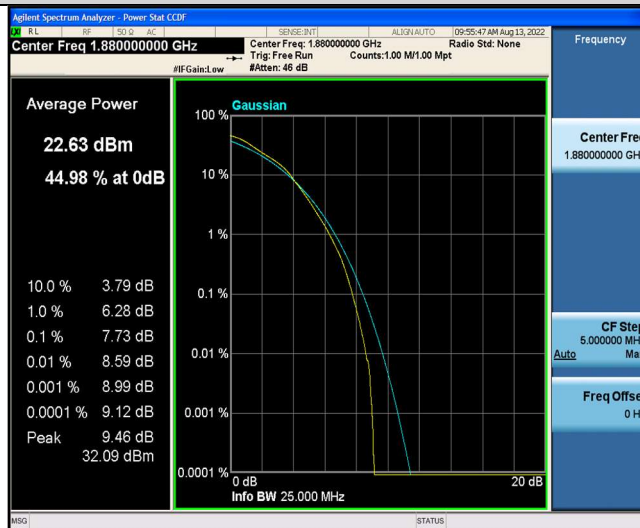
Band2-10MHz-QPSK-19150-50RB#0



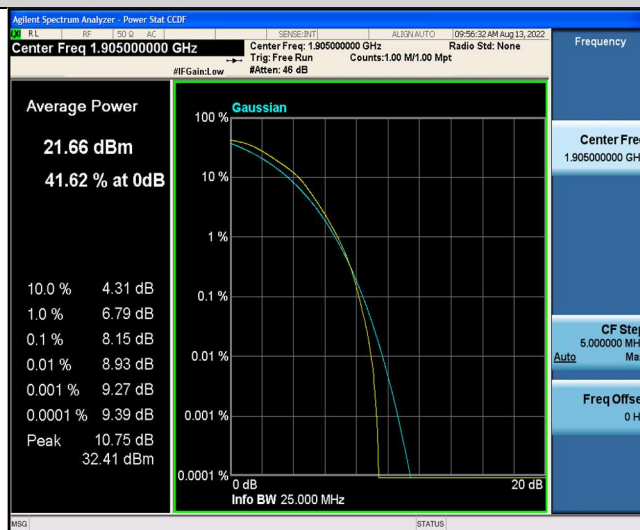
Band2-10MHz-16QAM-18650-50RB#0



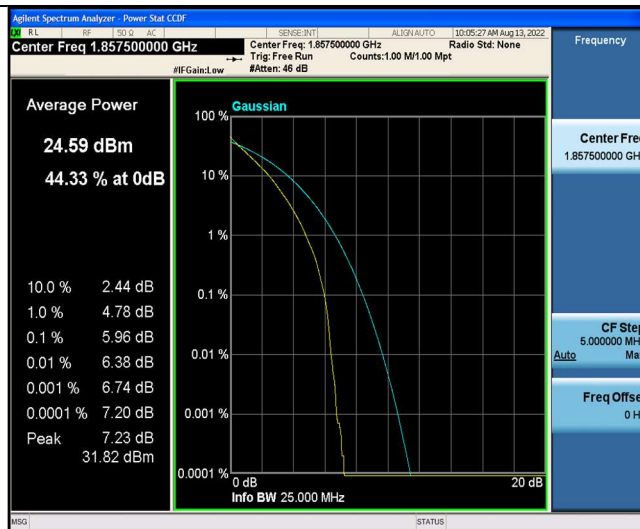
Band2-10MHz-16QAM-18900-50RB#0



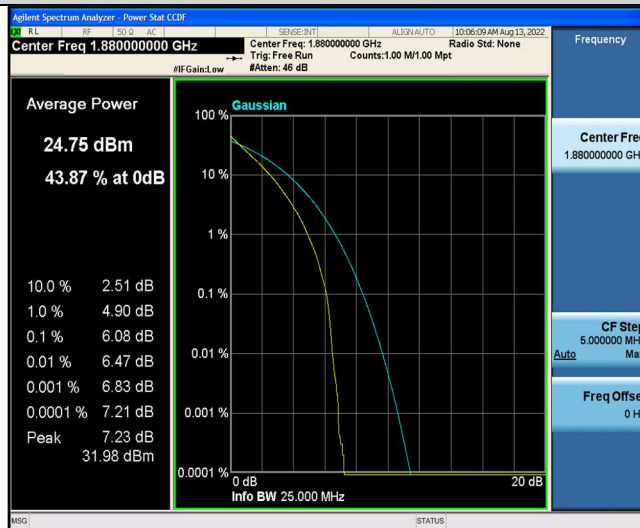
Band2-10MHz-16QAM-19150-50RB#0



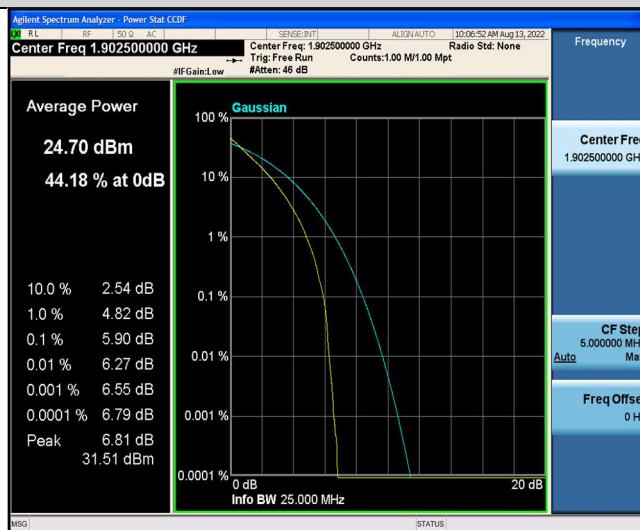
Band2-15MHz-QPSK-18675-75RB#0



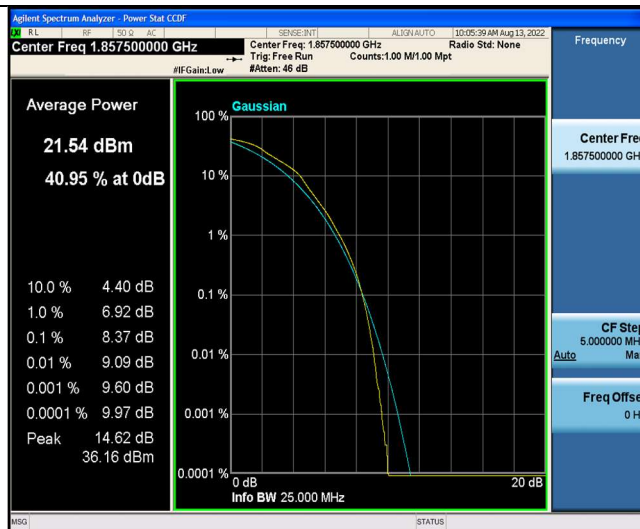
Band2-15MHz-QPSK-18900-75RB#0



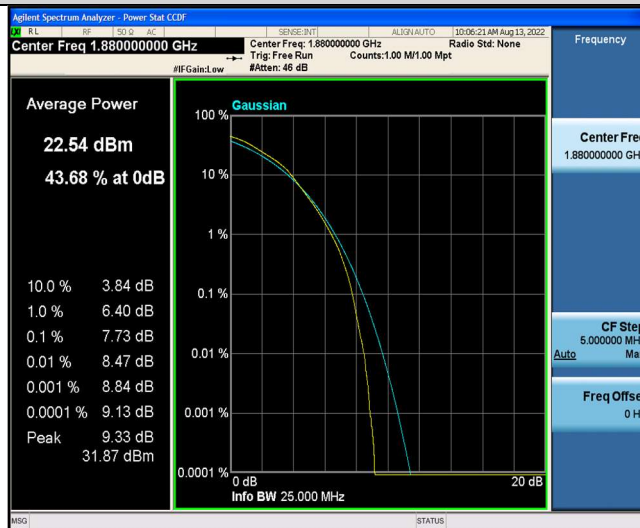
Band2-15MHz-QPSK-19125-75RB#0



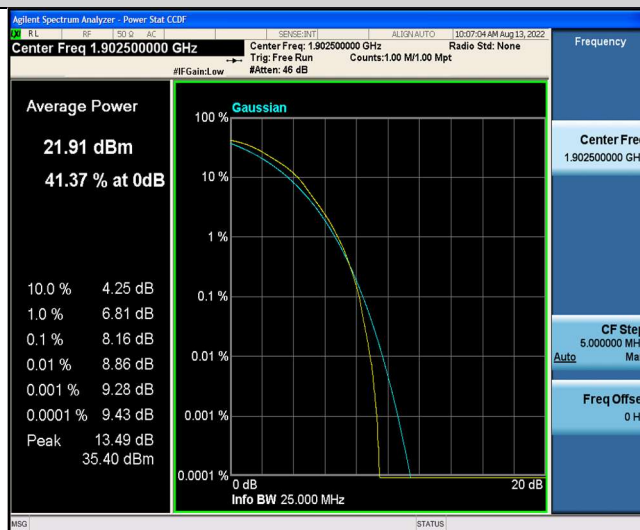
Band2-15MHz-16QAM-18675-75RB#0



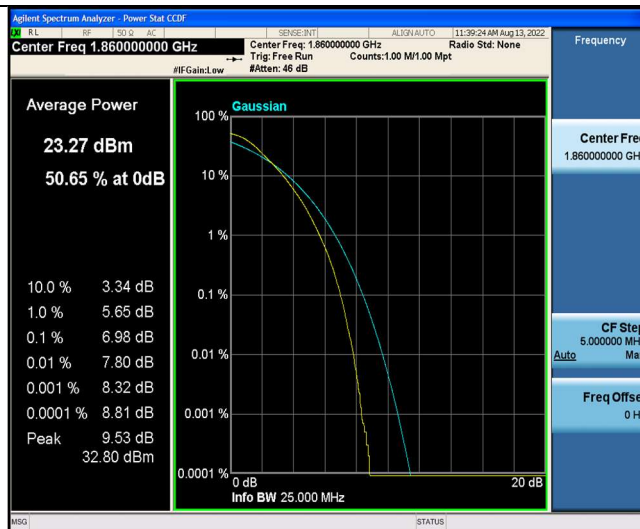
Band2-15MHz-16QAM-18900-75RB#0



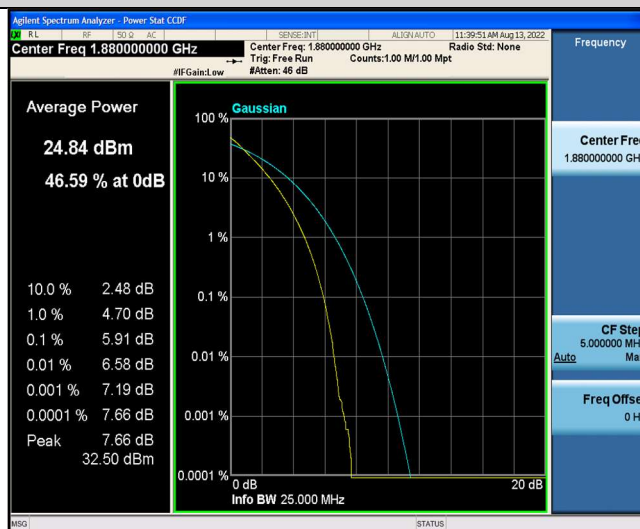
Band2-15MHz-16QAM-19125-75RB#0



Band2-20MHz-QPSK-18700-100RB#0



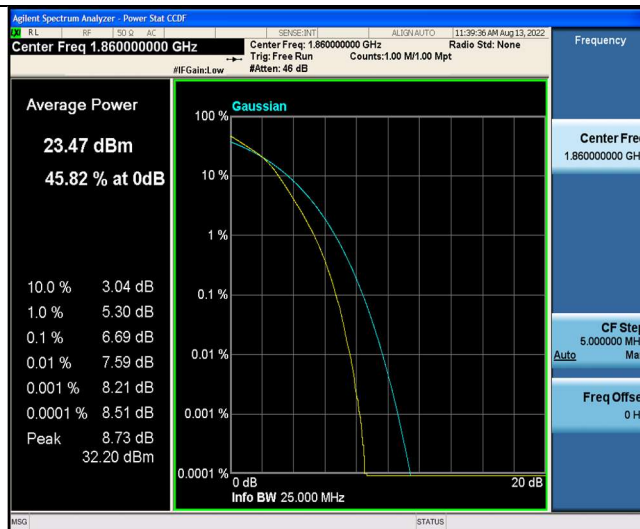
Band2-20MHz-QPSK-18900-100RB#0



Band2-20MHz-QPSK-19100-100RB#0



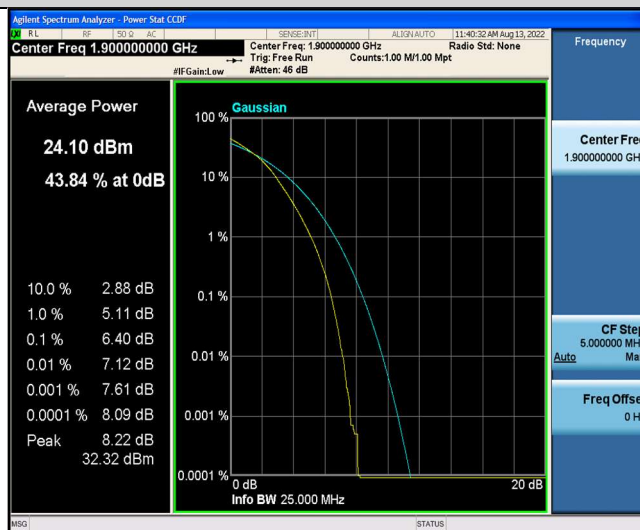
Band2-20MHz-16QAM-18700-100RB#0



Band2-20MHz-16QAM-18900-100RB#0



Band2-20MHz-16QAM-19100-100RB#0



Appendix C: 26dB Bandwidth and Occupied Bandwidth

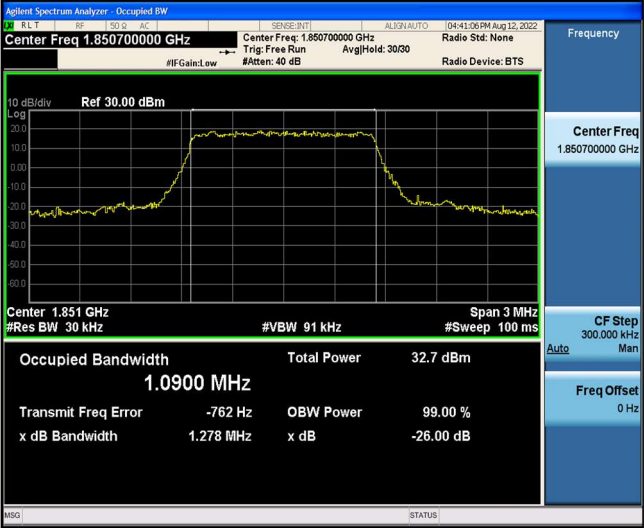
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	1.0900	1.278	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	1.0949	1.317	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1.0895	1.281	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1.0985	1.317	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.0885	1.280	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1.0935	1.303	PASS
Band2	3MHz	QPSK	18615	15RB#0	2.6833	2.882	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.6859	2.914	PASS
Band2	3MHz	QPSK	19185	15RB#0	2.6872	2.901	PASS
Band2	3MHz	16QAM	18615	15RB#0	2.6859	2.912	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.6861	2.919	PASS
Band2	3MHz	16QAM	19185	15RB#0	2.6885	2.914	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.4939	4.959	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.5047	5.022	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.5049	4.936	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.5072	4.960	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.4831	4.891	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.4844	4.923	PASS
Band2	10MHz	QPSK	18650	50RB#0	8.9913	9.765	PASS
Band2	10MHz	QPSK	18900	50RB#0	8.9973	9.775	PASS
Band2	10MHz	QPSK	19150	50RB#0	9.0041	9.750	PASS
Band2	10MHz	16QAM	18650	50RB#0	8.9665	9.866	PASS
Band2	10MHz	16QAM	18900	50RB#0	8.9791	9.762	PASS
Band2	10MHz	16QAM	19150	50RB#0	8.9894	9.758	PASS
Band2	15MHz	QPSK	18675	75RB#0	13.448	14.76	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.490	14.63	PASS
Band2	15MHz	QPSK	19125	75RB#0	13.526	14.67	PASS
Band2	15MHz	16QAM	18675	75RB#0	13.440	14.68	PASS
Band2	15MHz	16QAM	18900	75RB#0	13.475	14.66	PASS
Band2	15MHz	16QAM	19125	75RB#0	13.531	14.63	PASS

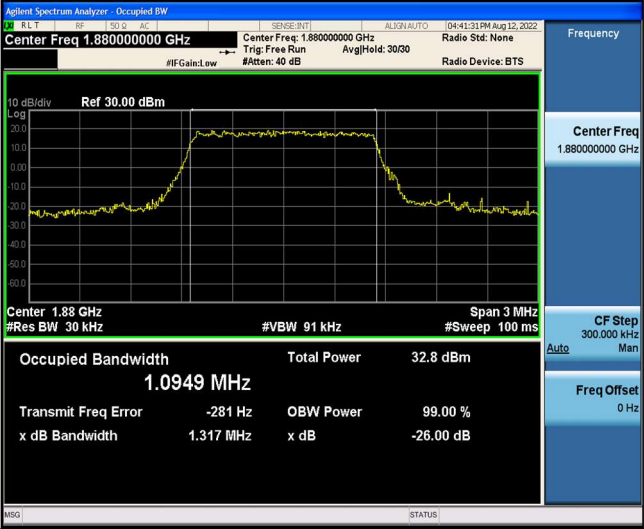
Band2	20MHz	QPSK	18700	100RB#0	17.908	19.36	PASS
Band2	20MHz	QPSK	18900	100RB#0	17.967	19.28	PASS
Band2	20MHz	QPSK	19100	100RB#0	18.024	19.33	PASS
Band2	20MHz	16QAM	18700	100RB#0	17.926	19.66	PASS
Band2	20MHz	16QAM	18900	100RB#0	17.985	19.59	PASS
Band2	20MHz	16QAM	19100	100RB#0	18.043	19.48	PASS

Test Graphs

Band2-1.4MHz-QPSK-18607-6RB#0



Band2-1.4MHz-QPSK-18900-6RB#0



Band2-1.4MHz-QPSK-19193-6RB#0



Band2-1.4MHz-16QAM-18607-6RB#0



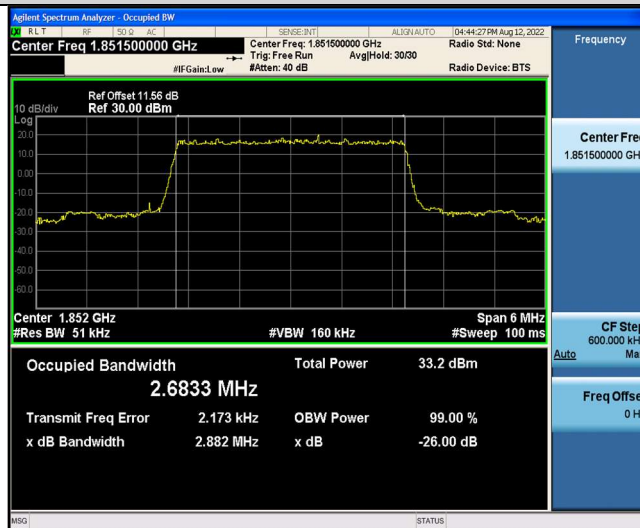
Band2-1.4MHz-16QAM-18900-6RB#0



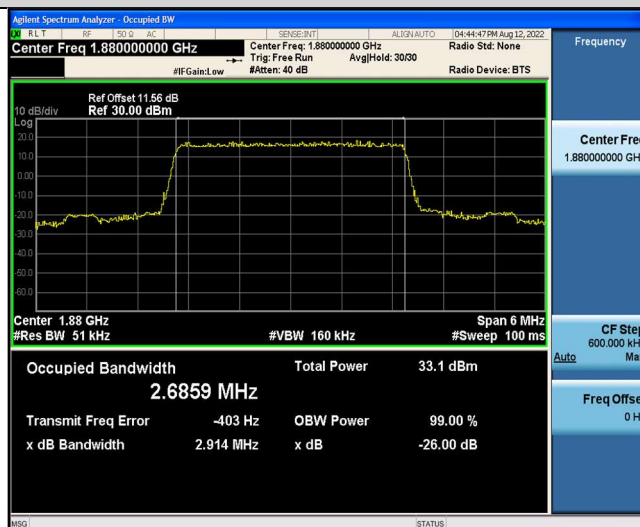
Band2-1.4MHz-16QAM-19193-6RB#0



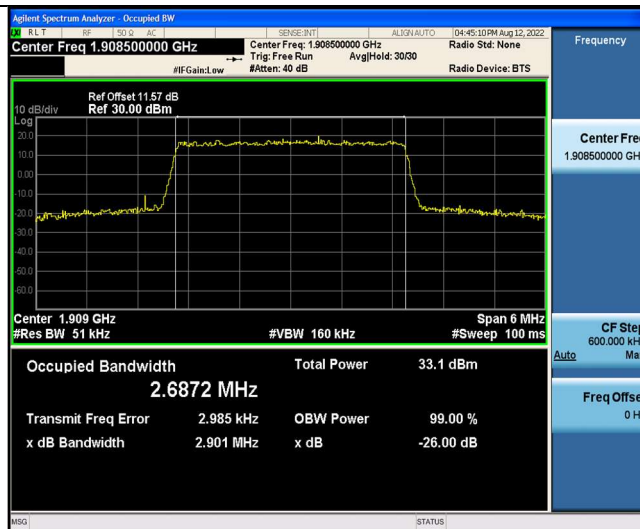
Band2-3MHz-QPSK-18615-15RB#0



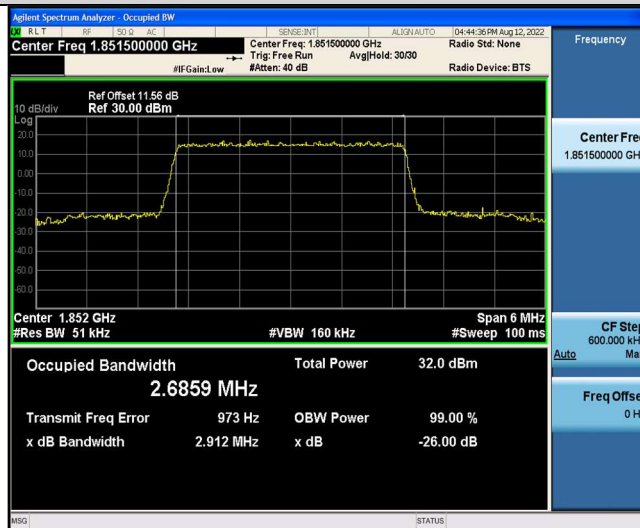
Band2-3MHz-QPSK-18900-15RB#0



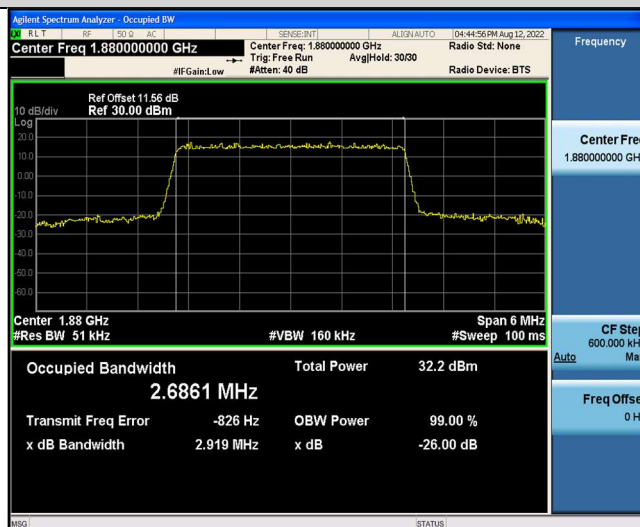
Band2-3MHz-QPSK-19185-15RB#0



Band2-3MHz-16QAM-18615-15RB#0



Band2-3MHz-16QAM-18900-15RB#0



Band2-3MHz-16QAM-19185-15RB#0