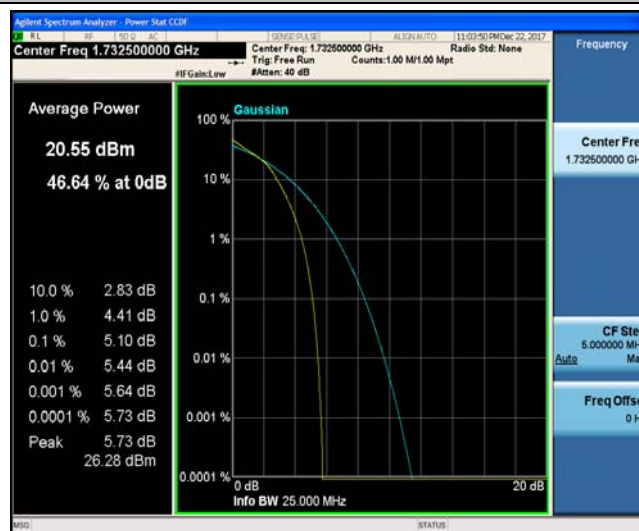
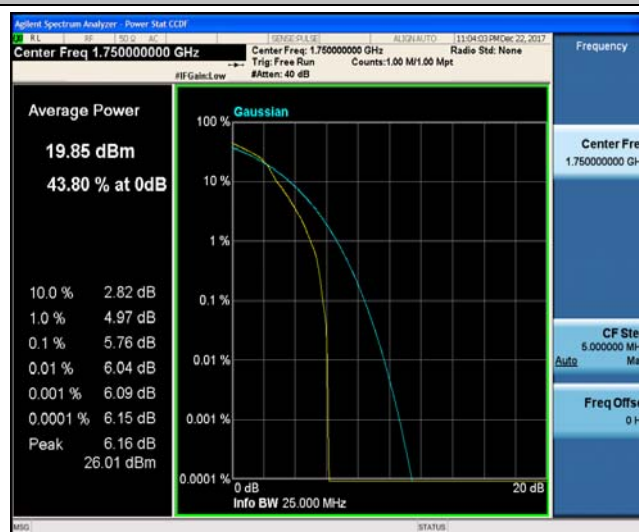




Band4_10MHz_16QAM_20175_50RB#0



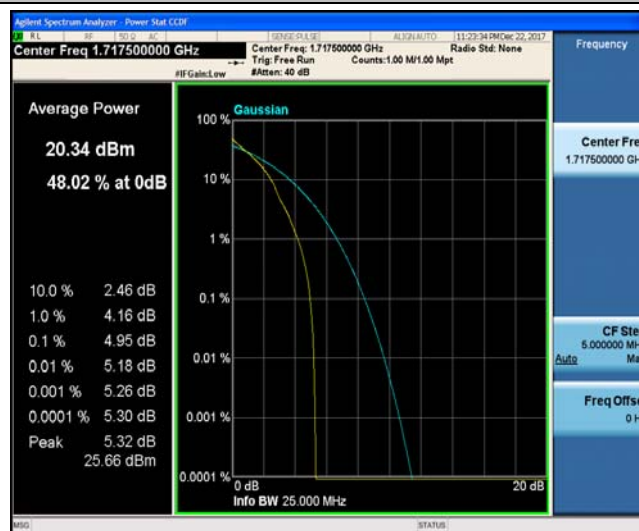
Band4_10MHz_16QAM_20350_1RB#0



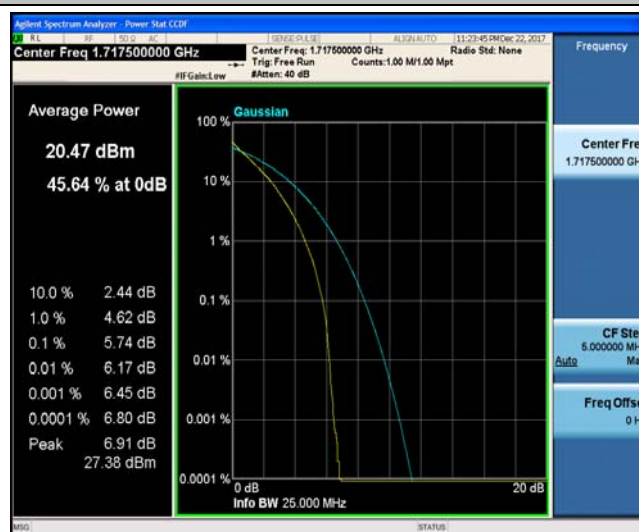
Band4_10MHz_16QAM_20350_50RB#0



Band4_15MHz_QPSK_20025_1RB#0



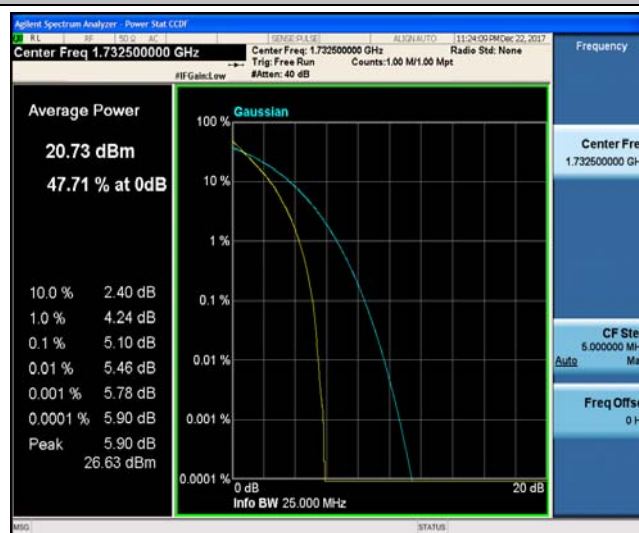
Band4_15MHz_QPSK_20025_75RB#0



Band4_15MHz_QPSK_20175_1RB#0



Band4_15MHz_QPSK_20175_75RB#0



Band4_15MHz_QPSK_20325_1RB#0



Band4_15MHz_QPSK_20325_75RB#0



Band4_15MHz_16QAM_20025_1RB#0



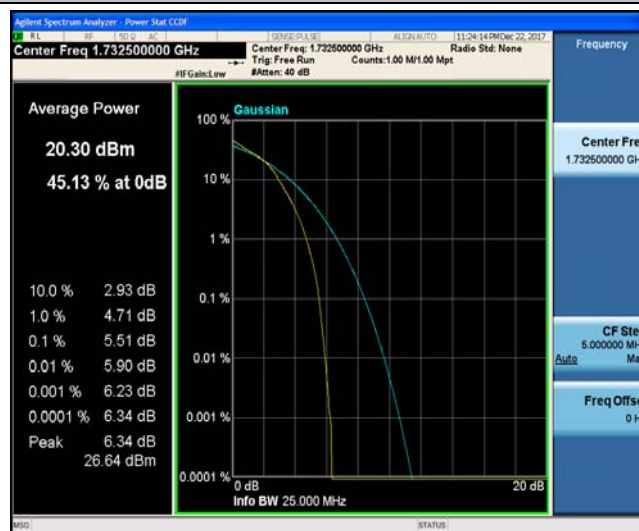
Band4_15MHz_16QAM_20025_75RB#0



Band4_15MHz_16QAM_20175_1RB#0



Band4_15MHz_16QAM_20175_75RB#0



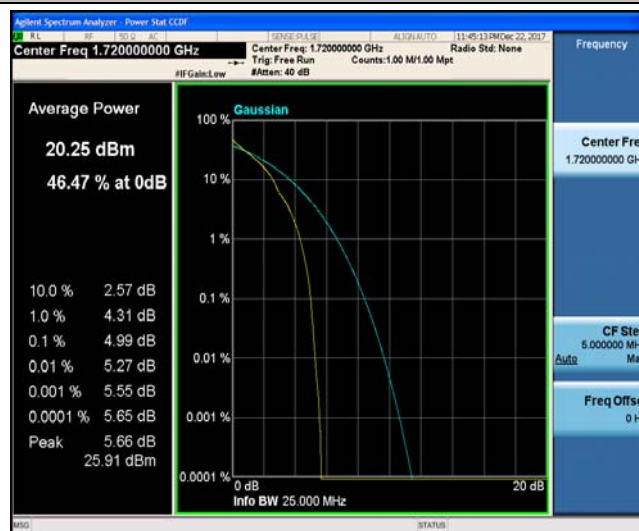
Band4_15MHz_16QAM_20325_1RB#0



Band4_15MHz_16QAM_20325_75RB#0



Band4_20MHz_QPSK_20050_1RB#0



Band4_20MHz_QPSK_20050_100RB#0



Band4_20MHz_QPSK_20175_1RB#0



Band4_20MHz_QPSK_20175_100RB#0



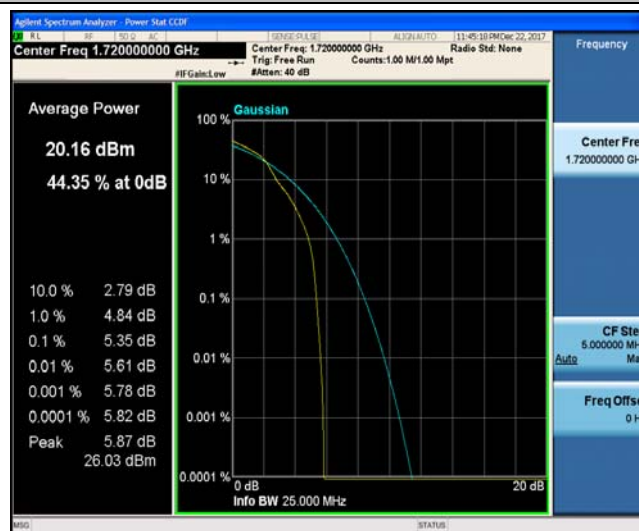
Band4_20MHz_QPSK_20300_1RB#0



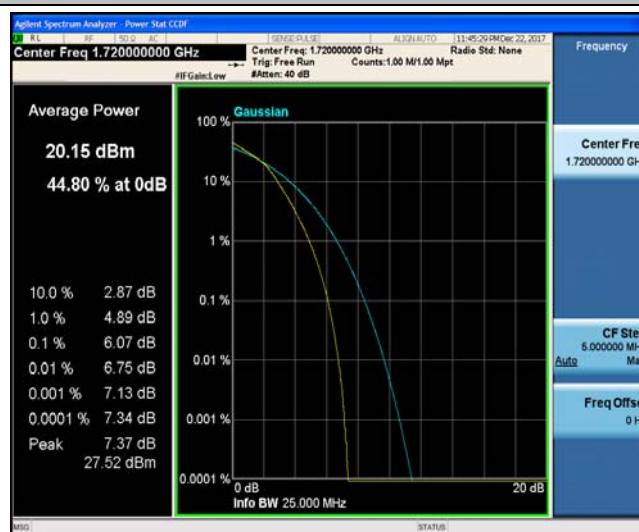
Band4_20MHz_QPSK_20300_100RB#0



Band4_20MHz_16QAM_20050_1RB#0



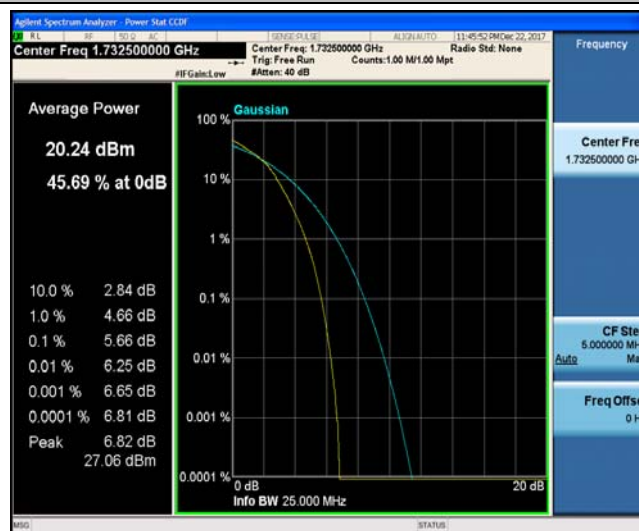
Band4_20MHz_16QAM_20050_100RB#0



Band4_20MHz_16QAM_20175_1RB#0



Band4_20MHz_16QAM_20175_100RB#0



Band4_20MHz_16QAM_20300_1RB#0



Band4_20MHz_16QAM_20300_100RB#0



Band5_1.4MHz_QPSK_20407_1RB#0



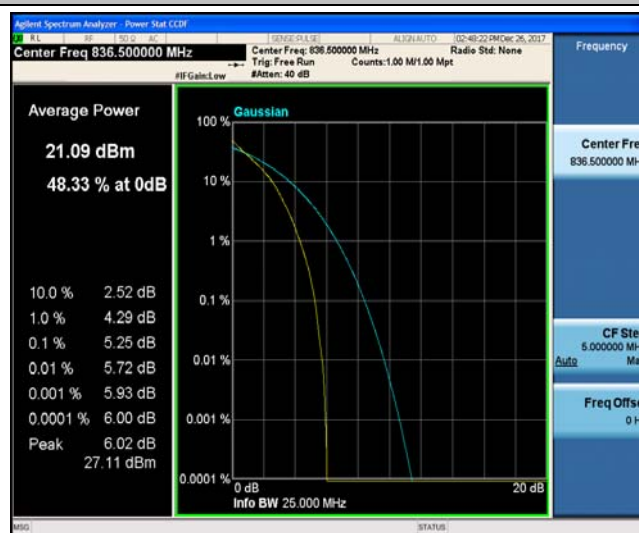
Band5_1.4MHz_QPSK_20407_6RB#0



Band5_1.4MHz_QPSK_20525_1RB#0



Band5_1.4MHz_QPSK_20525_6RB#0



Band5_1.4MHz_QPSK_20643_1RB#0



Band5_1.4MHz_QPSK_20643_6RB#0



Band5_1.4MHz_16QAM_20407_1RB#0



Band5_1.4MHz_16QAM_20407_6RB#0



Band5_1.4MHz_16QAM_20525_1RB#0



Band5_1.4MHz_16QAM_20525_6RB#0



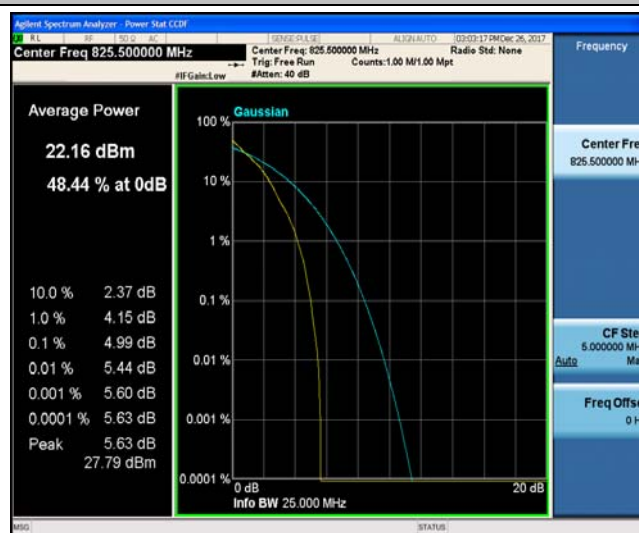
Band5_1.4MHz_16QAM_20643_1RB#0



Band5_1.4MHz_16QAM_20643_6RB#0



Band5_3MHz_QPSK_20415_1RB#0



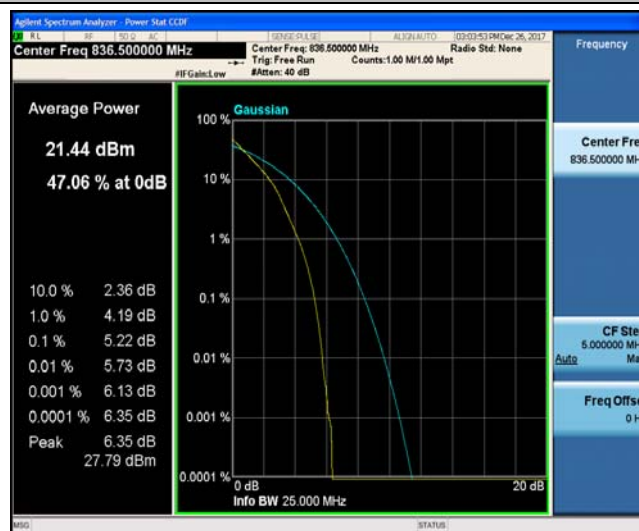
Band5_3MHz_QPSK_20415_15RB#0



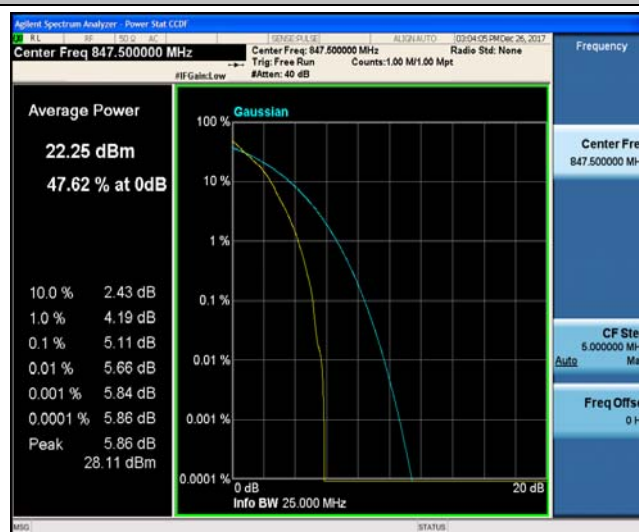
Band5_3MHz_QPSK_20525_1RB#0



Band5_3MHz_QPSK_20525_15RB#0



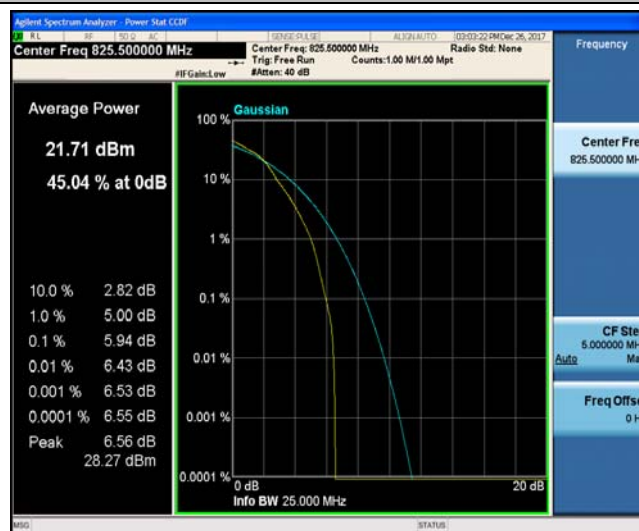
Band5_3MHz_QPSK_20635_1RB#0



Band5_3MHz_QPSK_20635_15RB#0



Band5_3MHz_16QAM_20415_1RB#0



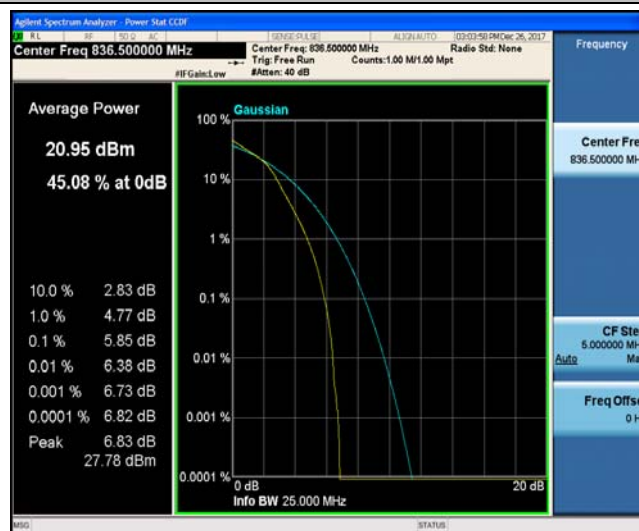
Band5_3MHz_16QAM_20415_15RB#0



Band5_3MHz_16QAM_20525_1RB#0



Band5_3MHz_16QAM_20525_15RB#0



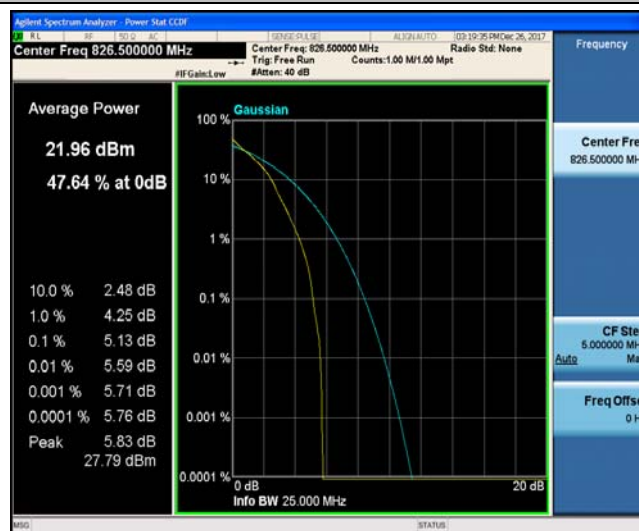
Band5_3MHz_16QAM_20635_1RB#0



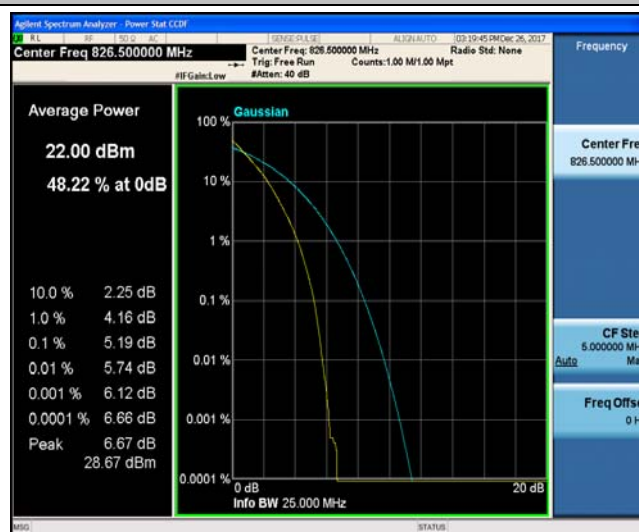
Band5_3MHz_16QAM_20635_15RB#0



Band5_5MHz_QPSK_20425_1RB#0



Band5_5MHz_QPSK_20425_25RB#0



Band5_5MHz_QPSK_20525_1RB#0



Band5_5MHz_QPSK_20525_25RB#0



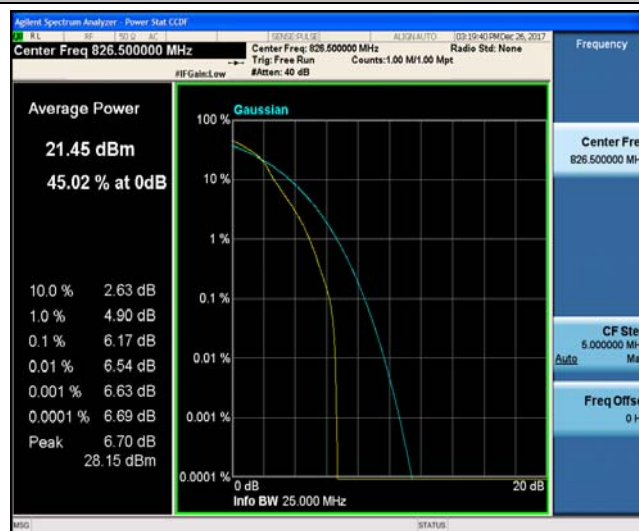
Band5_5MHz_QPSK_20625_1RB#0



Band5_5MHz_QPSK_20625_25RB#0



Band5_5MHz_16QAM_20425_1RB#0



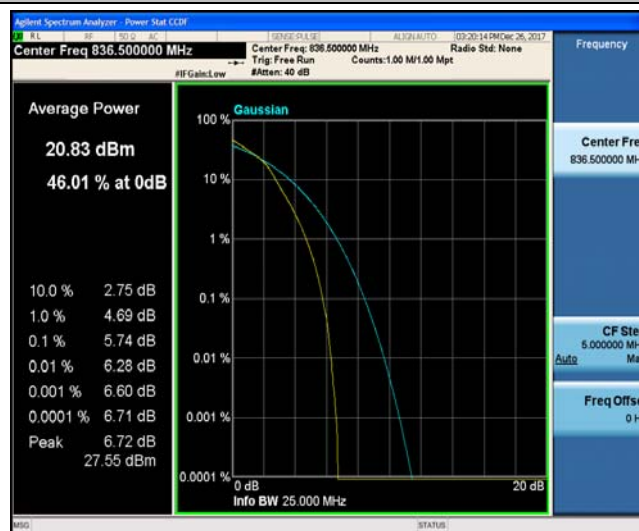
Band5_5MHz_16QAM_20425_25RB#0



Band5_5MHz_16QAM_20525_1RB#0



Band5_5MHz_16QAM_20525_25RB#0



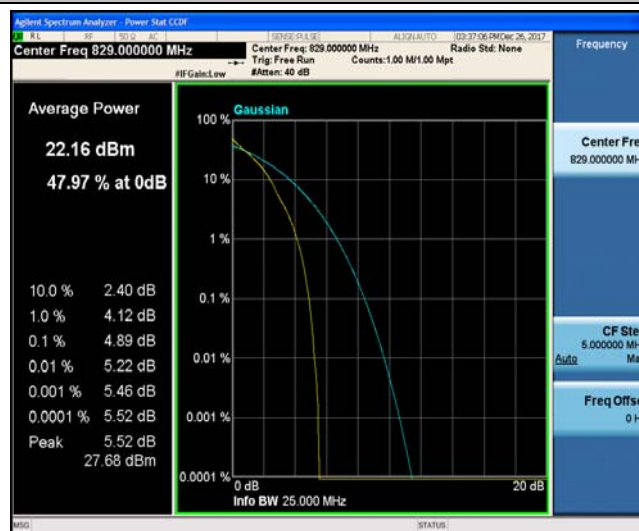
Band5_5MHz_16QAM_20625_1RB#0



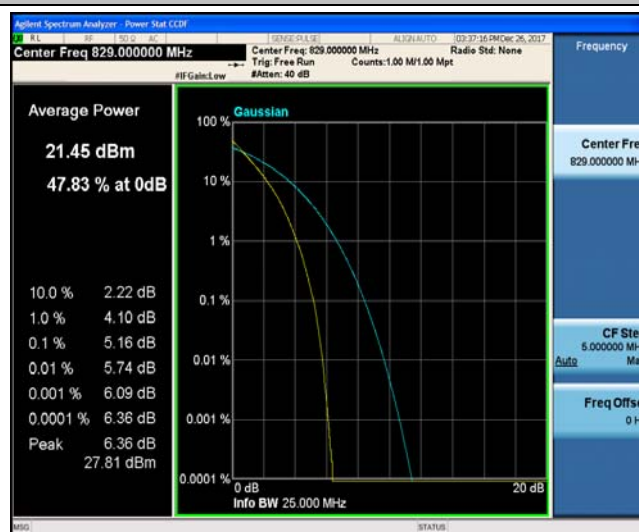
Band5_5MHz_16QAM_20625_25RB#0



Band5_10MHz_QPSK_20450_1RB#0



Band5_10MHz_QPSK_20450_50RB#0



Band5_10MHz_QPSK_20525_1RB#0



Band5_10MHz_QPSK_20525_50RB#0



Band5_10MHz_QPSK_20600_1RB#0



Band5_10MHz_QPSK_20600_50RB#0



Band5_10MHz_16QAM_20450_1RB#0



Band5_10MHz_16QAM_20450_50RB#0



Band5_10MHz_16QAM_20525_1RB#0



Band5_10MHz_16QAM_20525_50RB#0



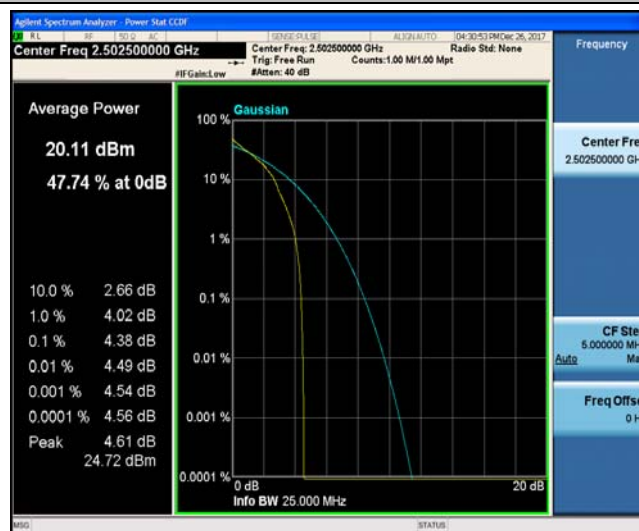
Band5_10MHz_16QAM_20600_1RB#0



Band5_10MHz_16QAM_20600_50RB#0



Band7_5MHz_QPSK_20775_1RB#0



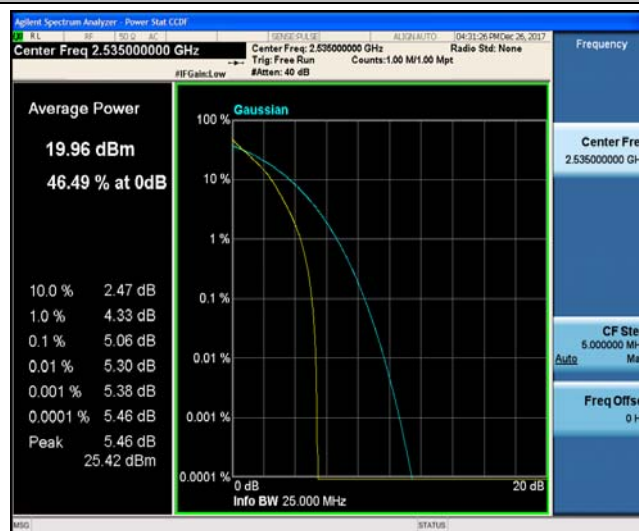
Band7_5MHz_QPSK_20775_25RB#0



Band7_5MHz_QPSK_21100_1RB#0



Band7_5MHz_QPSK_21100_25RB#0



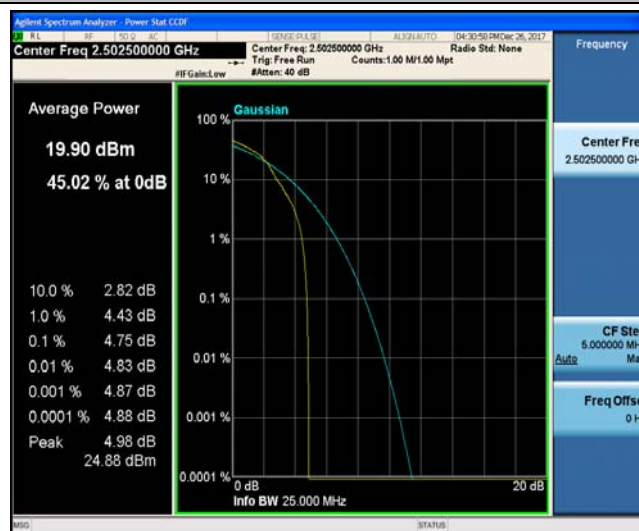
Band7_5MHz_QPSK_21425_1RB#0



Band7_5MHz_QPSK_21425_25RB#0



Band7_5MHz_16QAM_20775_1RB#0



Band7_5MHz_16QAM_20775_25RB#0



Band7_5MHz_16QAM_21100_1RB#0



Band7_5MHz_16QAM_21100_25RB#0



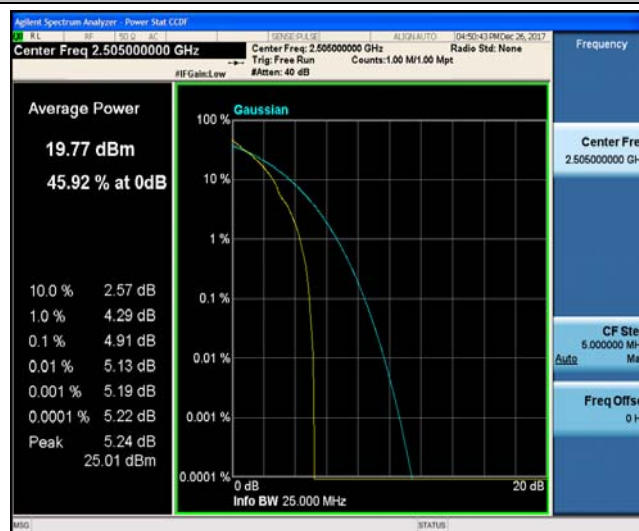
Band7_5MHz_16QAM_21425_1RB#0



Band7_5MHz_16QAM_21425_25RB#0



Band7_10MHz_QPSK_20800_1RB#0



Band7_10MHz_QPSK_20800_50RB#0



Band7_10MHz_QPSK_21100_1RB#0



Band7_10MHz_QPSK_21100_50RB#0



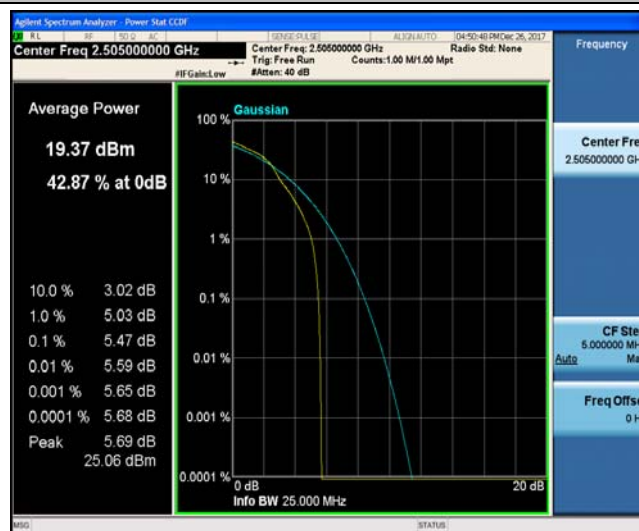
Band7_10MHz_QPSK_21400_1RB#0



Band7_10MHz_QPSK_21400_50RB#0



Band7_10MHz_16QAM_20800_1RB#0



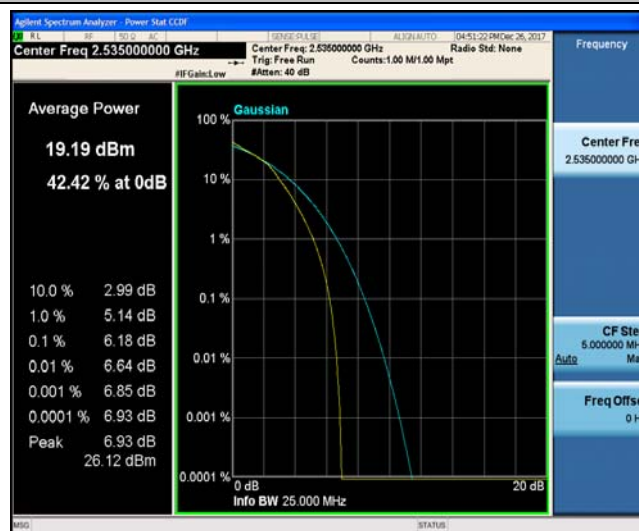
Band7_10MHz_16QAM_20800_50RB#0



Band7_10MHz_16QAM_21100_1RB#0



Band7_10MHz_16QAM_21100_50RB#0



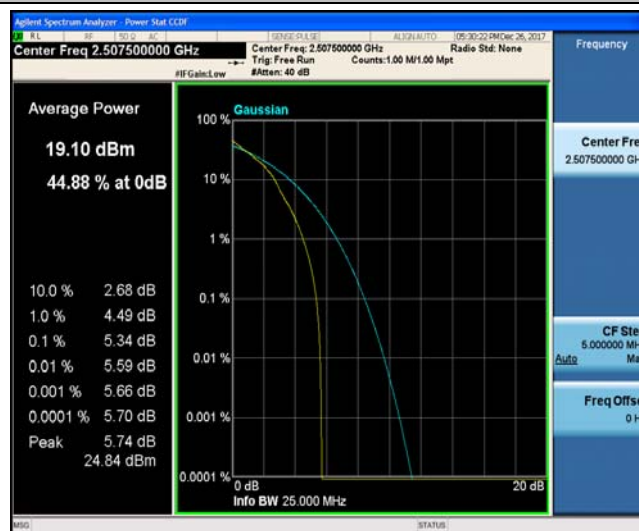
Band7_10MHz_16QAM_21400_1RB#0



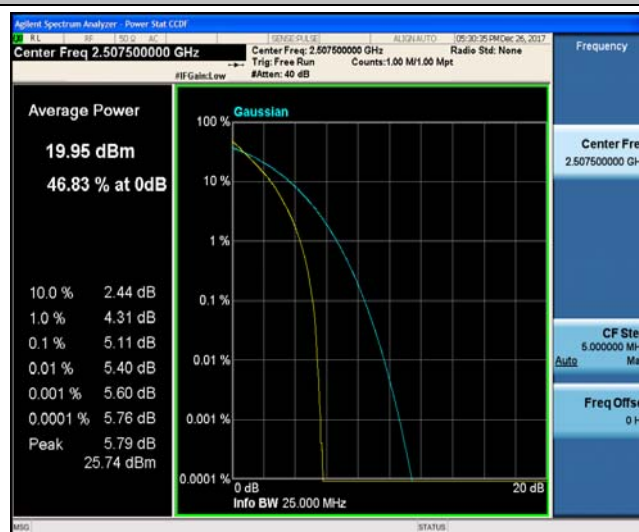
Band7_10MHz_16QAM_21400_50RB#0



Band7_15MHz_QPSK_20825_1RB#0



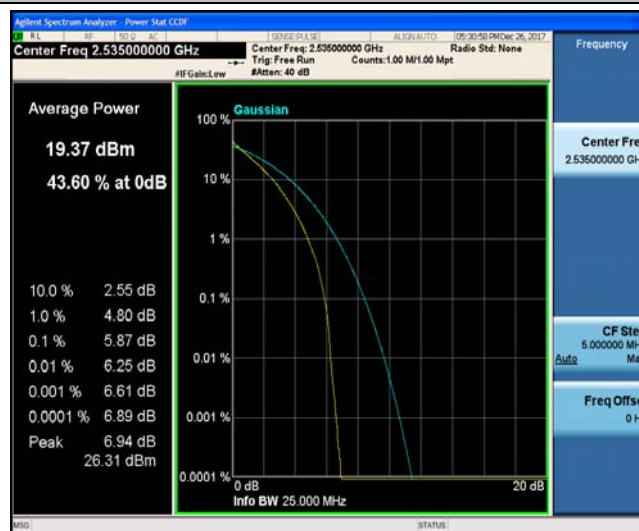
Band7_15MHz_QPSK_20825_75RB#0



Band7_15MHz_QPSK_21100_1RB#0



Band7_15MHz_QPSK_21100_75RB#0



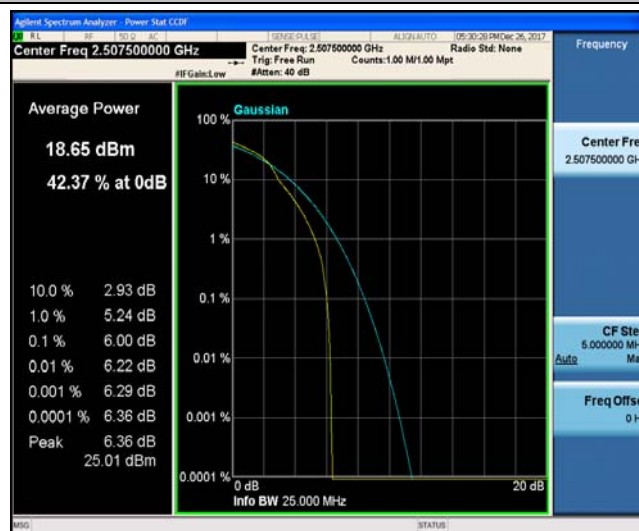
Band7_15MHz_QPSK_21375_1RB#0



Band7_15MHz_QPSK_21375_75RB#0



Band7_15MHz_16QAM_20825_1RB#0



Band7_15MHz_16QAM_20825_75RB#0



Band7_15MHz_16QAM_21100_1RB#0



Band7_15MHz_16QAM_21100_75RB#0



Band7_15MHz_16QAM_21375_1RB#0



Band7_15MHz_16QAM_21375_75RB#0



Band7_20MHz_QPSK_20850_1RB#0



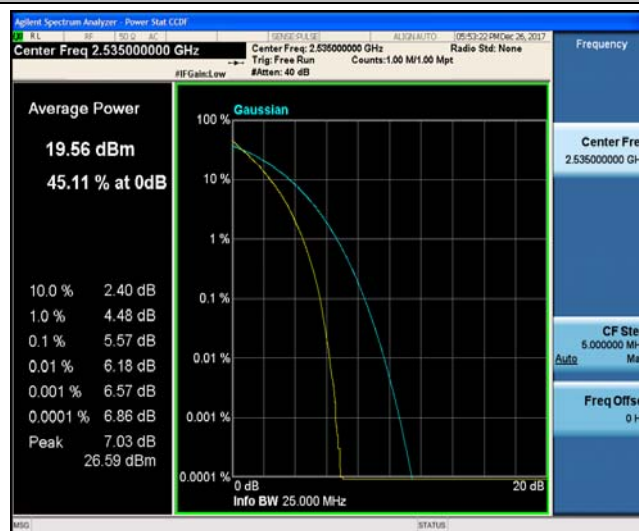
Band7_20MHz_QPSK_20850_100RB#0



Band7_20MHz_QPSK_21100_1RB#0



Band7_20MHz_QPSK_21100_100RB#0



Band7_20MHz_QPSK_21350_1RB#0



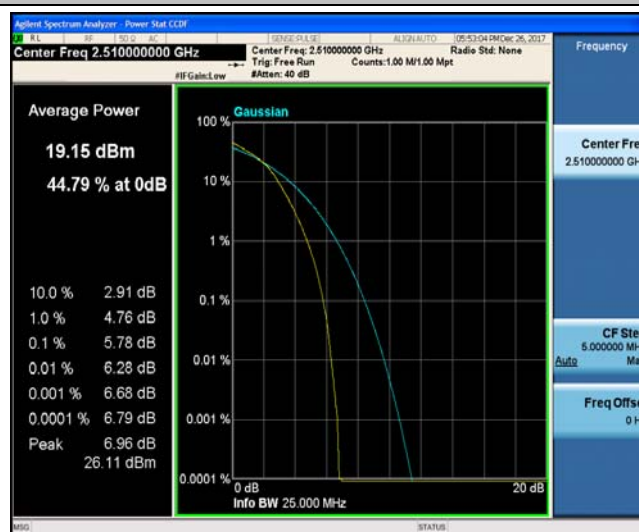
Band7_20MHz_QPSK_21350_100RB#0



Band7_20MHz_16QAM_20850_1RB#0



Band7_20MHz_16QAM_20850_100RB#0



Band7_20MHz_16QAM_21100_1RB#0



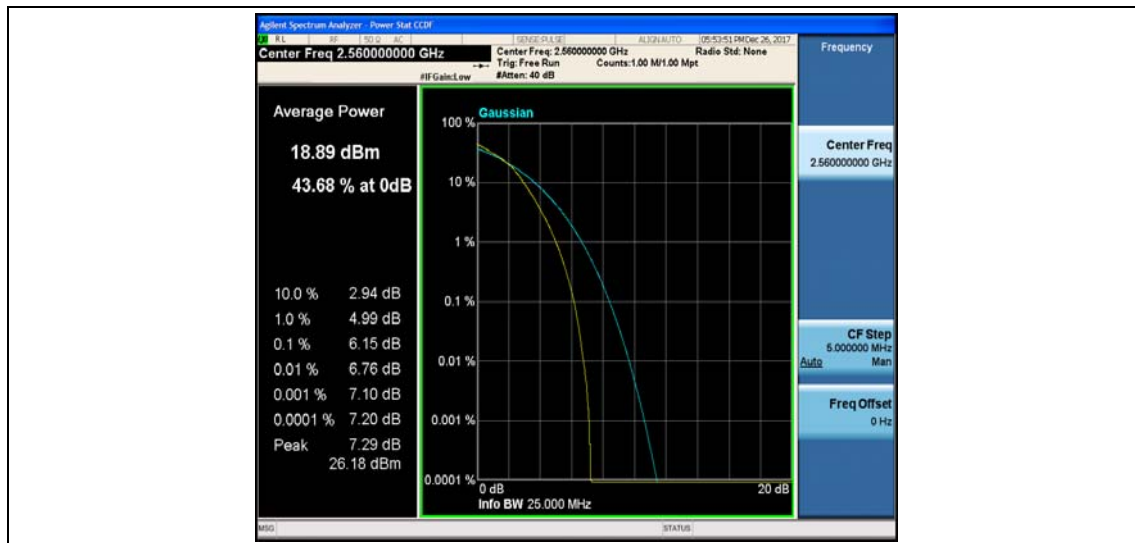
Band7_20MHz_16QAM_21100_100RB#0



Band7_20MHz_16QAM_21350_1RB#0



Band7_20MHz_16QAM_21350_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	1.0995	1.416	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	1.1085	1.450	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1.1089	1.411	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1.1177	1.495	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.1092	1.490	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1.1269	1.460	PASS
Band2	3MHz	QPSK	18615	15RB#0	2.6829	3.036	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.6783	3.080	PASS
Band2	3MHz	QPSK	19185	15RB#0	2.6841	2.961	PASS
Band2	3MHz	16QAM	18615	15RB#0	2.6811	3.133	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.6804	3.035	PASS
Band2	3MHz	16QAM	19185	15RB#0	2.6782	3.063	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.5188	5.334	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.5245	5.272	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.5356	5.290	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.5193	5.200	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.5333	5.417	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.5045	5.169	PASS
Band2	10MHz	QPSK	18650	50RB#0	8.9455	9.806	PASS
Band2	10MHz	QPSK	18900	50RB#0	8.9556	9.747	PASS
Band2	10MHz	QPSK	19150	50RB#0	8.9433	9.823	PASS
Band2	10MHz	16QAM	18650	50RB#0	8.9700	10.00	PASS
Band2	10MHz	16QAM	18900	50RB#0	8.9466	9.995	PASS
Band2	10MHz	16QAM	19150	50RB#0	8.9365	9.841	PASS
Band2	15MHz	QPSK	18675	75RB#0	13.501	15.17	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.496	15.76	PASS
Band2	15MHz	QPSK	19125	75RB#0	13.469	14.96	PASS
Band2	15MHz	16QAM	18675	75RB#0	13.491	15.10	PASS
Band2	15MHz	16QAM	18900	75RB#0	13.473	15.01	PASS
Band2	15MHz	16QAM	19125	75RB#0	13.476	15.18	PASS
Band2	20MHz	QPSK	18700	100RB#0	17.989	20.39	PASS
Band2	20MHz	QPSK	18900	100RB#0	17.962	19.82	PASS
Band2	20MHz	QPSK	19100	100RB#0	17.995	19.67	PASS

Band2	20MHz	16QAM	18700	100RB#0	17.986	20.18	PASS
Band2	20MHz	16QAM	18900	100RB#0	17.917	19.98	PASS
Band2	20MHz	16QAM	19100	100RB#0	18.002	19.87	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	1.0955	1.419	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.1115	1.485	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.1089	1.425	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.1166	1.486	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.1123	1.514	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.1262	1.468	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.6838	3.026	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.6783	3.083	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.6831	2.989	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.6815	3.177	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.6829	3.045	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.6793	3.069	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.5199	5.373	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.5219	5.235	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.5441	5.381	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.5230	5.188	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.5320	5.435	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.5169	5.199	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.9652	9.867	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.9471	9.754	PASS
Band4	10MHz	QPSK	20350	50RB#0	8.9641	10.07	PASS
Band4	10MHz	16QAM	20000	50RB#0	8.9857	9.979	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.9483	10.07	PASS
Band4	10MHz	16QAM	20350	50RB#0	8.9623	10.02	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.516	15.11	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.499	15.60	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.523	15.11	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.499	14.92	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.464	14.95	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.506	15.37	PASS
Band4	20MHz	QPSK	20050	100RB#0	17.959	20.01	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.892	19.65	PASS
Band4	20MHz	QPSK	20300	100RB#0	17.925	19.62	PASS
Band4	20MHz	16QAM	20050	100RB#0	17.943	19.88	PASS
Band4	20MHz	16QAM	20175	100RB#0	17.881	19.69	PASS
Band4	20MHz	16QAM	20300	100RB#0	17.943	19.63	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	1.0997	1.402	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.1097	1.468	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.1061	1.443	PASS

Band5	1.4MHz	16QAM	20407	6RB#0	1.1154	1.480	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.1113	1.506	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.1243	1.463	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.6857	3.059	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.6838	3.032	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.6854	3.032	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.6816	3.110	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.6793	3.043	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.6813	3.071	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.5164	5.383	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.5262	5.351	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.5480	5.410	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.5155	5.195	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.5342	5.574	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.5178	5.215	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.9493	9.773	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.9592	9.717	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.9729	9.920	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.9374	10.01	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.9432	9.984	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.9666	10.04	PASS
Band7	5MHz	QPSK	20775	25RB#0	4.5212	5.274	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.5440	5.382	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.5236	5.372	PASS
Band7	5MHz	16QAM	20775	25RB#0	4.5324	5.396	PASS
Band7	5MHz	16QAM	21100	25RB#0	4.5178	5.232	PASS
Band7	5MHz	16QAM	21425	25RB#0	4.5240	5.209	PASS
Band7	10MHz	QPSK	20800	50RB#0	8.9645	9.894	PASS
Band7	10MHz	QPSK	21100	50RB#0	8.9697	9.737	PASS
Band7	10MHz	QPSK	21400	50RB#0	8.9664	9.901	PASS
Band7	10MHz	16QAM	20800	50RB#0	8.9877	9.971	PASS
Band7	10MHz	16QAM	21100	50RB#0	8.9482	10.11	PASS
Band7	10MHz	16QAM	21400	50RB#0	8.9540	10.04	PASS
Band7	15MHz	QPSK	20825	75RB#0	13.485	15.07	PASS
Band7	15MHz	QPSK	21100	75RB#0	13.527	15.62	PASS
Band7	15MHz	QPSK	21375	75RB#0	13.502	14.95	PASS
Band7	15MHz	16QAM	20825	75RB#0	13.460	14.82	PASS
Band7	15MHz	16QAM	21100	75RB#0	13.495	14.92	PASS
Band7	15MHz	16QAM	21375	75RB#0	13.522	15.20	PASS
Band7	20MHz	QPSK	20850	100RB#0	17.913	19.59	PASS
Band7	20MHz	QPSK	21100	100RB#0	17.957	19.69	PASS
Band7	20MHz	QPSK	21350	100RB#0	17.921	20.19	PASS

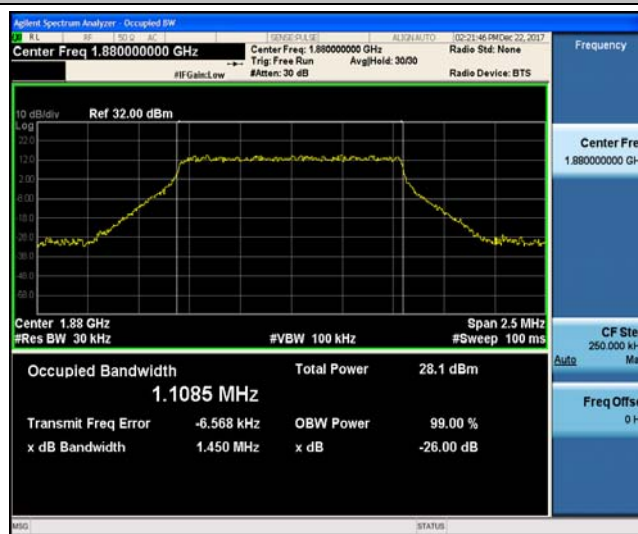
Band7	20MHz	16QAM	20850	100RB#0	17.900	19.85	PASS
Band7	20MHz	16QAM	21100	100RB#0	17.968	19.75	PASS
Band7	20MHz	16QAM	21350	100RB#0	17.937	19.71	PASS

Test Graphs

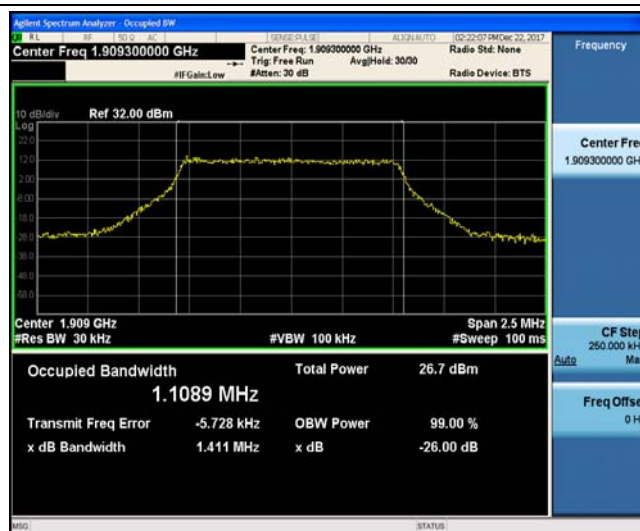
Band2_1.4MHz_QPSK_18607_6RB#0



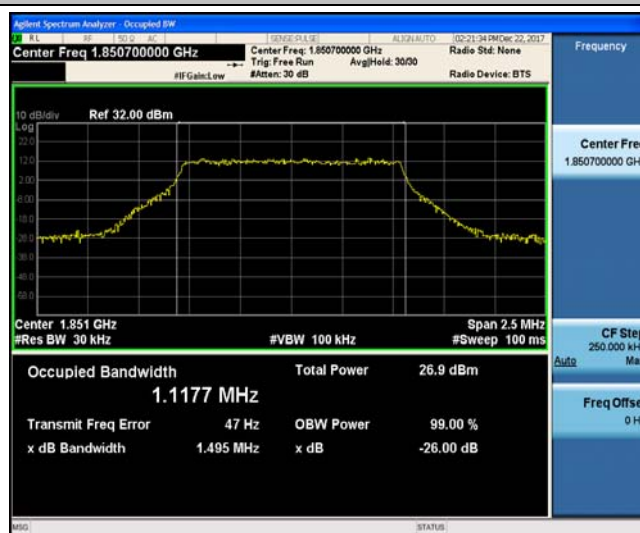
Band2_1.4MHz_QPSK_18900_6RB#0



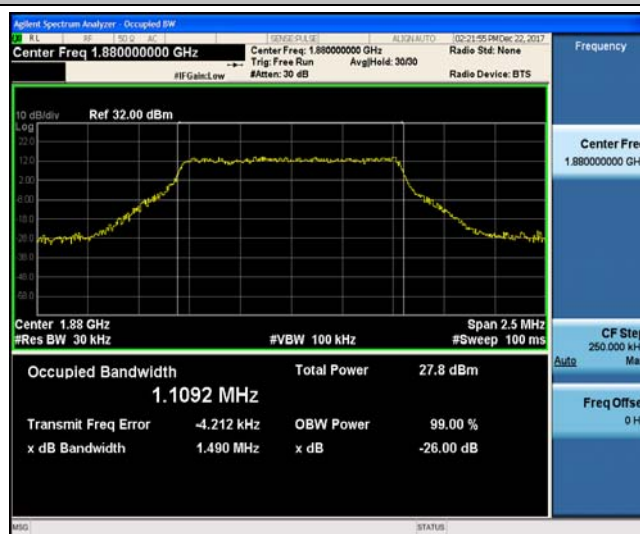
Band2_1.4MHz_QPSK_19193_6RB#0



Band2_1.4MHz_16QAM_18607_6RB#0



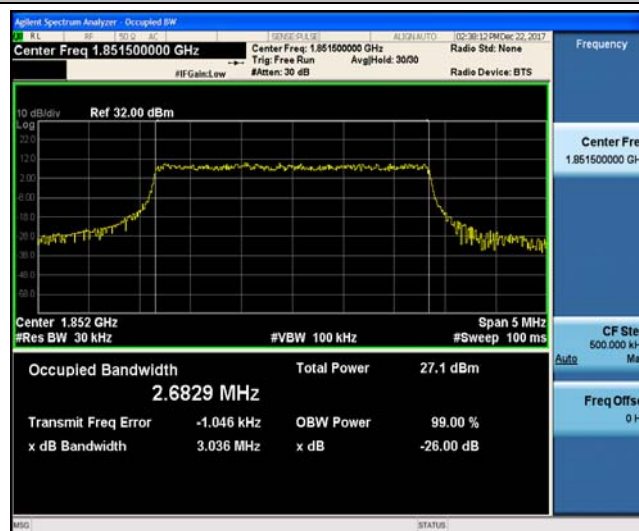
Band2_1.4MHz_16QAM_18900_6RB#0



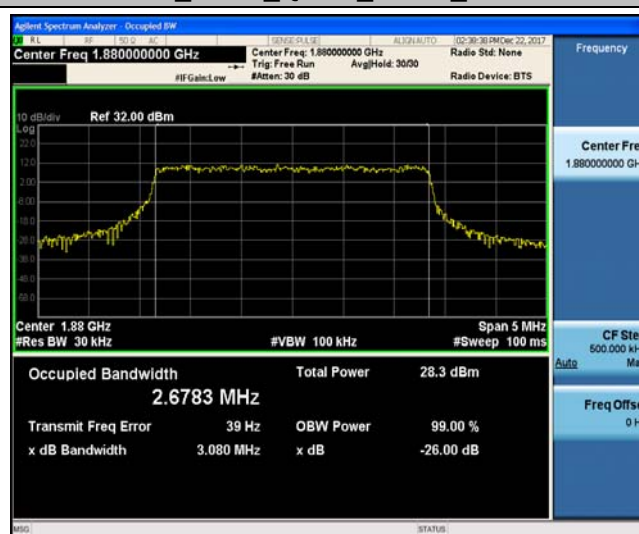
Band2_1.4MHz_16QAM_19193_6RB#0



Band2_3MHz_QPSK_18615_15RB#0



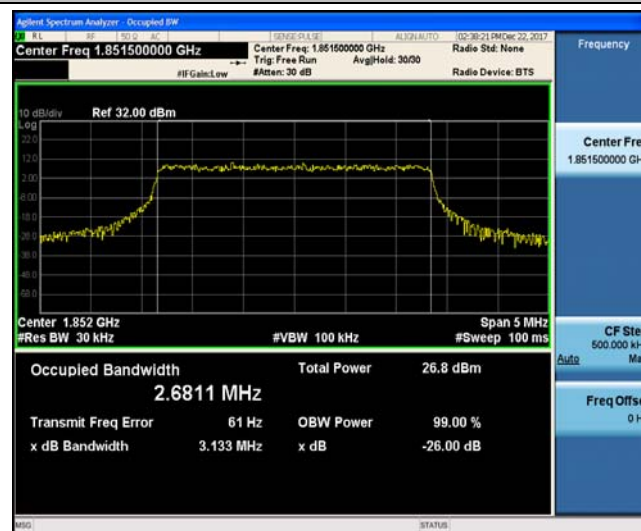
Band2_3MHz_QPSK_18900_15RB#0



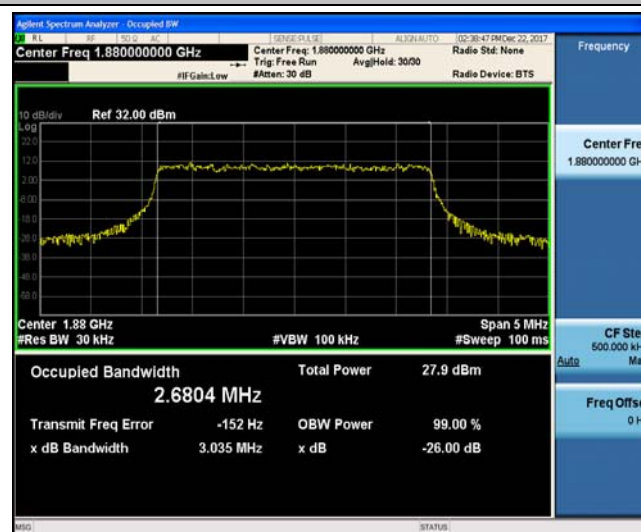
Band2_3MHz_QPSK_19185_15RB#0



Band2_3MHz_16QAM_18615_15RB#0



Band2_3MHz_16QAM_18900_15RB#0



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