



Band4_10MHz_QPSK_20385_1RB#0



Band4_10MHz_QPSK_20385_50RB#0



Band4_10MHz_16QAM_19965_1RB#0



Band4_10MHz_16QAM_19965_50RB#0



Band4_10MHz_16QAM_20000_1RB#0



Band4_10MHz_16QAM_20000_50RB#0



Band4_10MHz_16QAM_20175_1RB#0



Band4_10MHz_16QAM_20175_50RB#0



Band4_10MHz_16QAM_20350_1RB#0



Band4_10MHz_16QAM_20350_50RB#0



Band4_10MHz_16QAM_20385_1RB#0



Band4_10MHz_16QAM_20385_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_20415_1RB#0



Band5_1.4MHz_QPSK_20415_6RB#0



Band5_1.4MHz_QPSK_20525_1RB#0



Band5_1.4MHz_QPSK_20525_6RB#0



Band5_1.4MHz_QPSK_20635_1RB#0



Band5_1.4MHz_QPSK_20635_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_20415_1RB#0



Band5_1.4MHz_16QAM_20415_6RB#0



Band5_1.4MHz_16QAM_20525_1RB#0



Band5_1.4MHz_16QAM_20525_6RB#0



Band5_1.4MHz_16QAM_20635_1RB#0



Band5_1.4MHz_16QAM_20635_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_20415_1RB#0



Band5_5MHz_QPSK_20415_25RB#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_QPSK_20635_1RB#0



Band5_5MHz_QPSK_20635_25RB#0



Band5_5MHz_16QAM_20415_1RB#0



Band5_5MHz_16QAM_20415_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_5MHz_16QAM_20635_1RB#0



Band5_5MHz_16QAM_20635_25RB#0



Band5_10MHz_QPSK_20415_1RB#0



Band5_10MHz_QPSK_20415_50RB#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_QPSK_20635_1RB#0



Band5_10MHz_QPSK_20635_50RB#0



Band5_10MHz_16QAM_20415_1RB#0



Band5_10MHz_16QAM_20415_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



Band5_10MHz_16QAM_20635_1RB#0



Band5_10MHz_16QAM_20635_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



8.3 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	1.1073	1.438	PASS
Band2	1.4MHz	QPSK	18615	6RB#0	1.1122	1.443	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	1.1059	1.427	PASS
Band2	1.4MHz	QPSK	19185	6RB#0	1.1039	1.428	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1.1123	1.456	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1.1272	1.454	PASS
Band2	1.4MHz	16QAM	18615	6RB#0	1.1129	1.495	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.1251	1.453	PASS
Band2	1.4MHz	16QAM	19185	6RB#0	1.1216	1.490	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1.1292	1.468	PASS
Band2	3MHz	QPSK	18615	15RB#0	2.6795	3.081	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.6795	3.029	PASS
Band2	3MHz	QPSK	19185	15RB#0	2.6854	3.040	PASS
Band2	3MHz	16QAM	18615	15RB#0	2.6809	3.025	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.6831	3.062	PASS
Band2	3MHz	16QAM	19185	15RB#0	2.6865	3.162	PASS
Band2	5MHz	QPSK	18615	25RB#0	4.5137	5.349	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.5143	5.352	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.5222	5.250	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.5427	5.336	PASS
Band2	5MHz	QPSK	19185	25RB#0	4.5336	5.338	PASS
Band2	5MHz	16QAM	18615	25RB#0	4.5212	5.215	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.5219	5.204	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.5290	5.391	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.5127	5.185	PASS
Band2	5MHz	16QAM	19185	25RB#0	4.5142	5.234	PASS
Band2	10MHz	QPSK	18615	50RB#0	8.9620	9.846	PASS
Band2	10MHz	QPSK	18650	50RB#0	8.9559	9.929	PASS
Band2	10MHz	QPSK	18900	50RB#0	8.9637	9.760	PASS
Band2	10MHz	QPSK	19150	50RB#0	8.9577	9.835	PASS
Band2	10MHz	QPSK	19185	50RB#0	8.9565	9.777	PASS
Band2	10MHz	16QAM	18615	50RB#0	8.9633	10.04	PASS
Band2	10MHz	16QAM	18650	50RB#0	8.9758	9.980	PASS
Band2	10MHz	16QAM	18900	50RB#0	8.9379	9.893	PASS
Band2	10MHz	16QAM	19150	50RB#0	8.9558	9.936	PASS
Band2	10MHz	16QAM	19185	50RB#0	8.9454	9.840	PASS
Band2	15MHz	QPSK	18675	75RB#0	13.525	15.09	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.505	15.74	PASS



Band2	15MHz	QPSK	19125	75RB#0	13.524	15.07	PASS
Band2	15MHz	16QAM	18675	75RB#0	13.487	15.16	PASS
Band2	15MHz	16QAM	18900	75RB#0	13.463	14.93	PASS
Band2	15MHz	16QAM	19125	75RB#0	13.502	15.40	PASS
Band2	20MHz	QPSK	18700	100RB#0	17.988	20.44	PASS
Band2	20MHz	QPSK	18900	100RB#0	17.987	19.89	PASS
Band2	20MHz	QPSK	19100	100RB#0	17.992	19.76	PASS
Band2	20MHz	16QAM	18700	100RB#0	17.969	20.13	PASS
Band2	20MHz	16QAM	18900	100RB#0	17.952	19.91	PASS
Band2	20MHz	16QAM	19100	100RB#0	18.007	19.82	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	1.1110	1.483	PASS
Band4	1.4MHz	QPSK	19965	6RB#0	1.1103	1.430	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.1015	1.432	PASS
Band4	1.4MHz	QPSK	20385	6RB#0	1.1114	1.501	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.1005	1.425	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.1113	1.503	PASS
Band4	1.4MHz	16QAM	19965	6RB#0	1.1285	1.478	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.1196	1.489	PASS
Band4	1.4MHz	16QAM	20385	6RB#0	1.1127	1.515	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.1179	1.476	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.6841	3.014	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.6808	3.058	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.6862	3.006	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.6807	3.146	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.6808	3.059	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.6816	3.095	PASS
Band4	5MHz	QPSK	19965	25RB#0	4.5210	5.322	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.5198	5.316	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.5254	5.256	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.5452	5.366	PASS
Band4	5MHz	QPSK	20385	25RB#0	4.5488	5.364	PASS
Band4	5MHz	16QAM	19965	25RB#0	4.5234	5.198	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.5211	5.193	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.5311	5.388	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.5169	5.198	PASS
Band4	5MHz	16QAM	20385	25RB#0	4.5173	5.195	PASS
Band4	10MHz	QPSK	19965	50RB#0	8.9564	9.917	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.9514	9.910	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.9599	9.761	PASS
Band4	10MHz	QPSK	20350	50RB#0	8.9634	9.967	PASS
Band4	10MHz	QPSK	20385	50RB#0	8.9643	9.969	PASS
Band4	10MHz	16QAM	19965	50RB#0	8.9578	10.15	PASS
Band4	10MHz	16QAM	20000	50RB#0	8.9674	10.09	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.9480	10.00	PASS
Band4	10MHz	16QAM	20350	50RB#0	8.9668	9.905	PASS



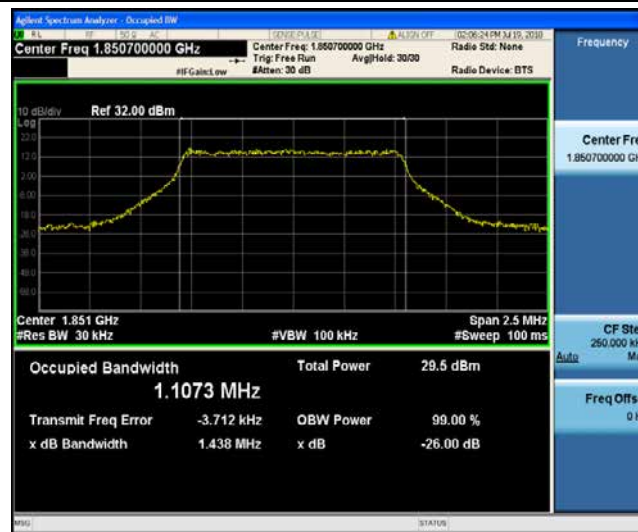
Band4	10MHz	16QAM	20385	50RB#0	8.9622	10.02	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.494	15.02	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.493	15.57	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.498	14.96	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.476	15.09	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.485	15.05	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.516	15.45	PASS
Band4	20MHz	QPSK	20050	100RB#0	17.921	19.95	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.936	19.53	PASS
Band4	20MHz	QPSK	20300	100RB#0	17.941	19.61	PASS
Band4	20MHz	16QAM	20050	100RB#0	17.920	19.82	PASS
Band4	20MHz	16QAM	20175	100RB#0	17.914	19.60	PASS
Band4	20MHz	16QAM	20300	100RB#0	17.957	19.72	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	1.0995	1.409	PASS
Band5	1.4MHz	QPSK	20415	6RB#0	1.0988	1.410	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.1120	1.445	PASS
Band5	1.4MHz	QPSK	20635	6RB#0	1.1096	1.438	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.1064	1.433	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.1138	1.486	PASS
Band5	1.4MHz	16QAM	20415	6RB#0	1.1164	1.477	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.1070	1.502	PASS
Band5	1.4MHz	16QAM	20635	6RB#0	1.1208	1.449	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.1232	1.453	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.6828	3.037	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.6793	3.012	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.6822	3.033	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.6840	3.148	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.6819	3.026	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.6802	3.061	PASS
Band5	5MHz	QPSK	20415	25RB#0	4.5191	5.384	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.5123	5.370	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.5233	5.362	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.5474	5.404	PASS
Band5	5MHz	QPSK	20635	25RB#0	4.5402	5.338	PASS
Band5	5MHz	16QAM	20415	25RB#0	4.5151	5.197	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.5127	5.160	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.5386	5.582	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.5175	5.217	PASS
Band5	5MHz	16QAM	20635	25RB#0	4.5168	5.189	PASS
Band5	10MHz	QPSK	20415	50RB#0	8.9466	9.958	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.9310	9.734	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.9686	9.767	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.9739	9.927	PASS
Band5	10MHz	QPSK	20635	50RB#0	8.9517	9.842	PASS
Band5	10MHz	16QAM	20415	50RB#0	8.9727	9.957	PASS



Band5	10MHz	16QAM	20450	50RB#0	8.9574	9.888	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.9584	10.07	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.9812	10.08	PASS
Band5	10MHz	16QAM	20635	50RB#0	8.9540	9.916	PASS
Band7	5MHz	QPSK	20775	25RB#0	4.5210	5.363	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.5249	5.356	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.5423	5.396	PASS
Band7	5MHz	16QAM	20775	25RB#0	4.5224	5.199	PASS
Band7	5MHz	16QAM	21100	25RB#0	4.5285	5.431	PASS
Band7	5MHz	16QAM	21425	25RB#0	4.5170	5.271	PASS
Band7	10MHz	QPSK	20800	50RB#0	8.9665	9.917	PASS
Band7	10MHz	QPSK	21100	50RB#0	8.9582	9.905	PASS
Band7	10MHz	QPSK	21400	50RB#0	8.9606	9.731	PASS
Band7	10MHz	16QAM	20800	50RB#0	8.9768	10.05	PASS
Band7	10MHz	16QAM	21100	50RB#0	8.9659	10.02	PASS
Band7	10MHz	16QAM	21400	50RB#0	8.9447	9.852	PASS
Band7	15MHz	QPSK	20825	75RB#0	13.485	15.33	PASS
Band7	15MHz	QPSK	21100	75RB#0	13.532	15.48	PASS
Band7	15MHz	QPSK	21375	75RB#0	13.502	14.98	PASS
Band7	15MHz	16QAM	20825	75RB#0	13.483	16.11	PASS
Band7	15MHz	16QAM	21100	75RB#0	13.484	14.95	PASS
Band7	15MHz	16QAM	21375	75RB#0	13.508	15.31	PASS
Band7	20MHz	QPSK	20850	100RB#0	17.937	19.63	PASS
Band7	20MHz	QPSK	21100	100RB#0	17.947	20.16	PASS
Band7	20MHz	QPSK	21350	100RB#0	17.969	19.78	PASS
Band7	20MHz	16QAM	20850	100RB#0	17.949	19.73	PASS
Band7	20MHz	16QAM	21100	100RB#0	17.947	19.96	PASS
Band7	20MHz	16QAM	21350	100RB#0	17.953	19.80	PASS



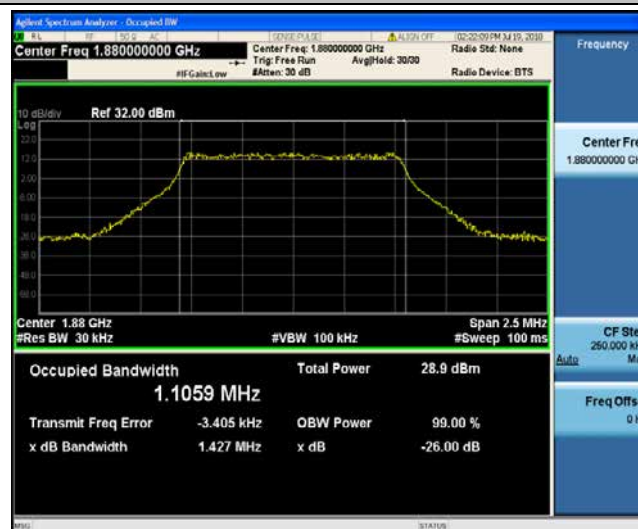
Test Graphs



Band2_1.4MHz_QPSK_18607_6RB#0



Band2_1.4MHz_QPSK_18615_6RB#0



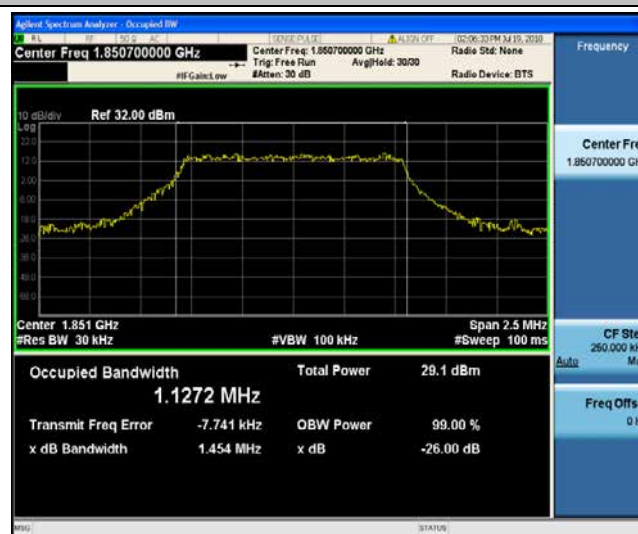
Band2_1.4MHz_QPSK_18900_6RB#0



Band2_1.4MHz_QPSK_19185_6RB#0



Band2_1.4MHz_QPSK_19193_6RB#0



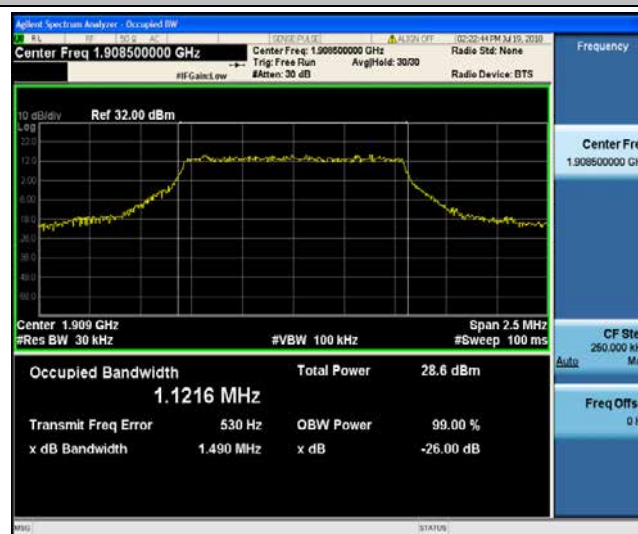
Band2_1.4MHz_16QAM_18607_6RB#0



Band2_1.4MHz_16QAM_18615_6RB#0



Band2_1.4MHz_16QAM_18900_6RB#0



Band2_1.4MHz_16QAM_19185_6RB#0