



Band4_10MHz_QPSK_20000_1RB#0



Band4_10MHz_QPSK_20000_50RB#0



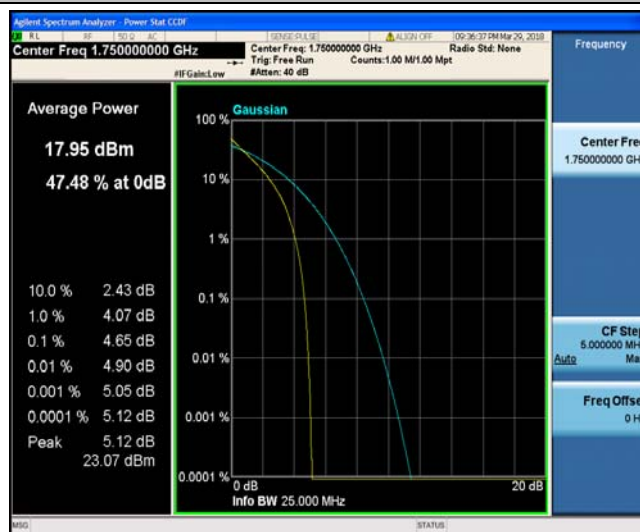
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Band4_10MHz_QPSK_20175_50RB#0



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Band4_10MHz_16QAM_20000_1RB#0



Band4_10MHz_16QAM_20000_50RB#0



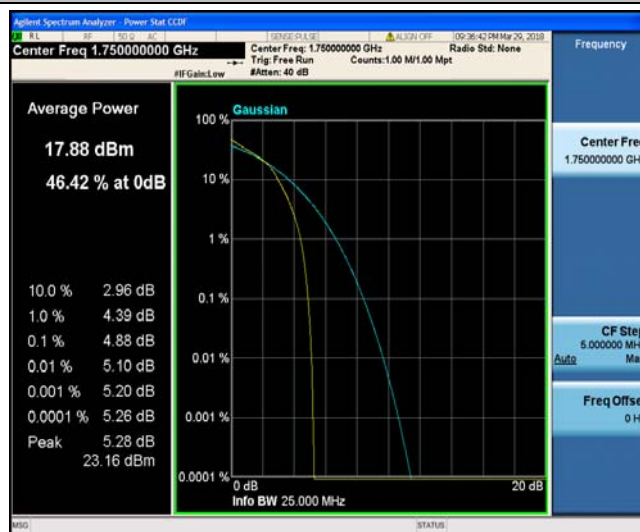
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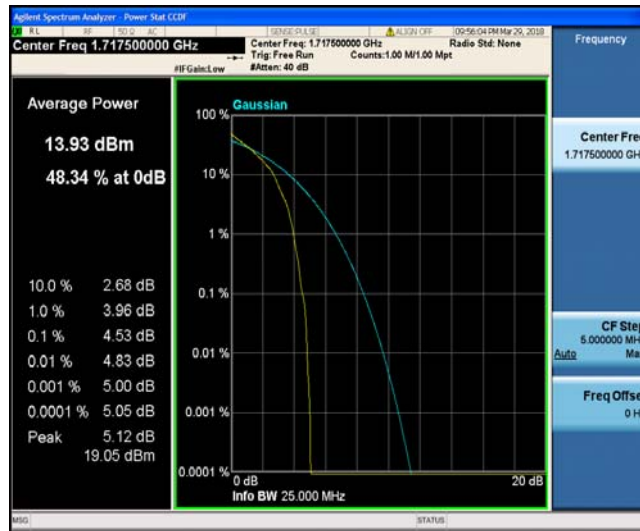
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Band4_10MHz_16QAM_20350_1RB#0



Band4_10MHz_16QAM_20350_50RB#0



Band4_15MHz_QPSK_20025_1RB#0



Band4_15MHz_QPSK_20025_75RB#0



Band4_15MHz_QPSK_20175_1RB#0



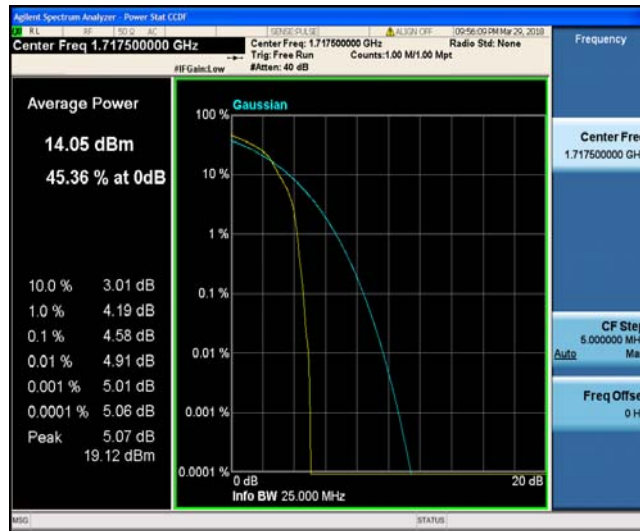
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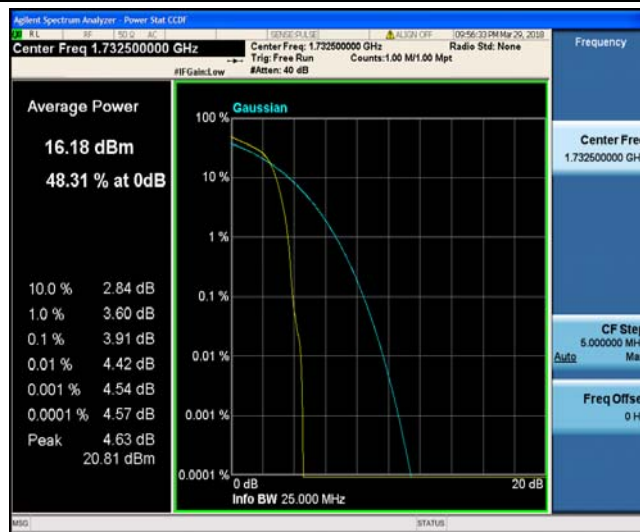
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Band4_15MHz_16QAM_2025_1RB#0



Band4_15MHz_16QAM_2025_75RB#0



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Band4_15MHz_16QAM_20175_75RB#0



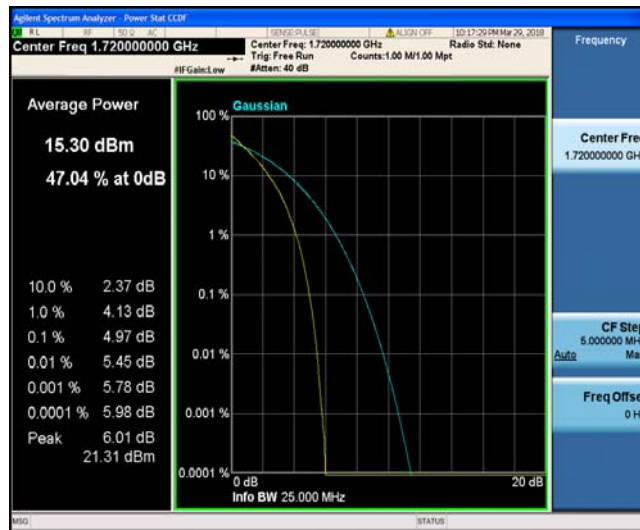
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Band4_20MHz_QPSK_20050_1RB#0



Band4_20MHz_QPSK_20050_100RB#0



Band4_20MHz_QPSK_20175_1RB#0



Band4_20MHz_QPSK_20175_100RB#0



Band4_20MHz_QPSK_20300_1RB#0



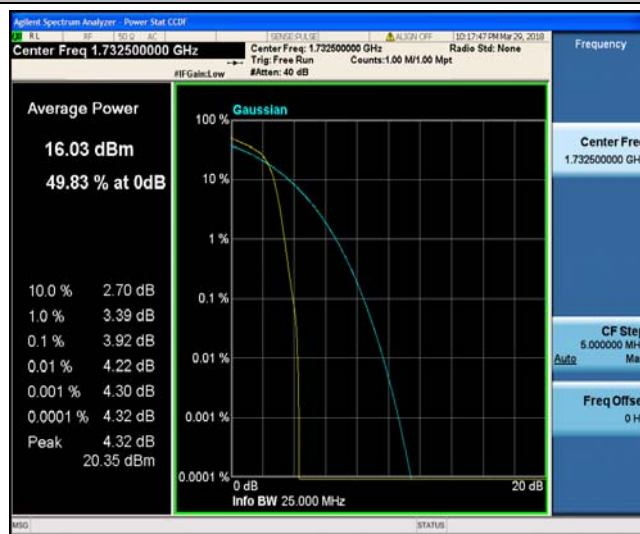
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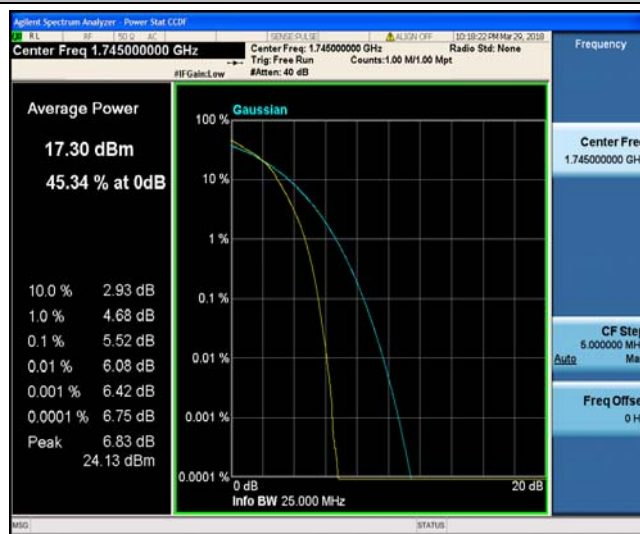
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Band4_20MHz_16QAM_20300_1RB#0



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



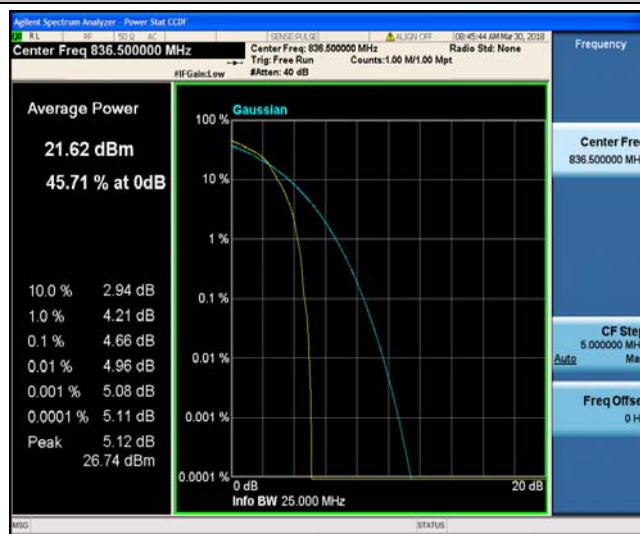
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Band5_1.4MHz_16QAM_20407_6RB#0



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



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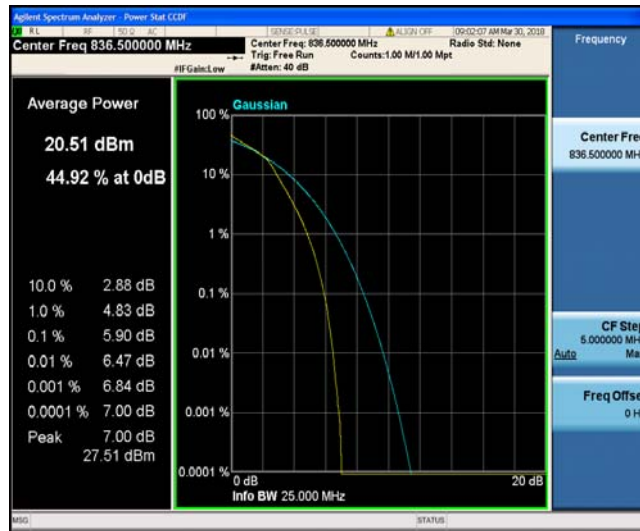
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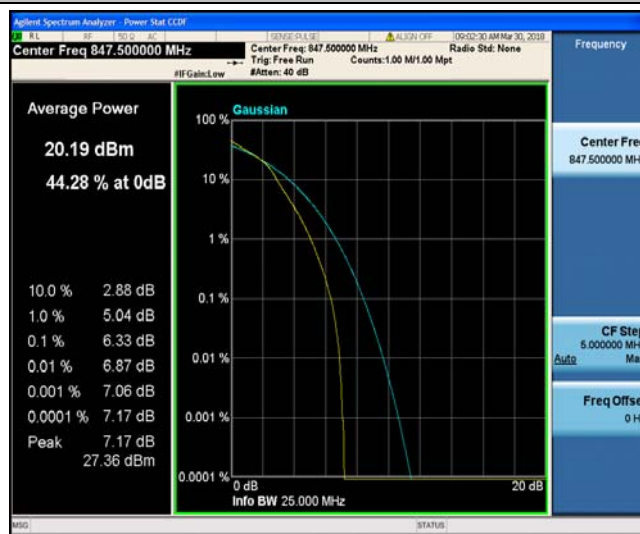
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Band5_3MHz_16QAM_20635_1RB#0



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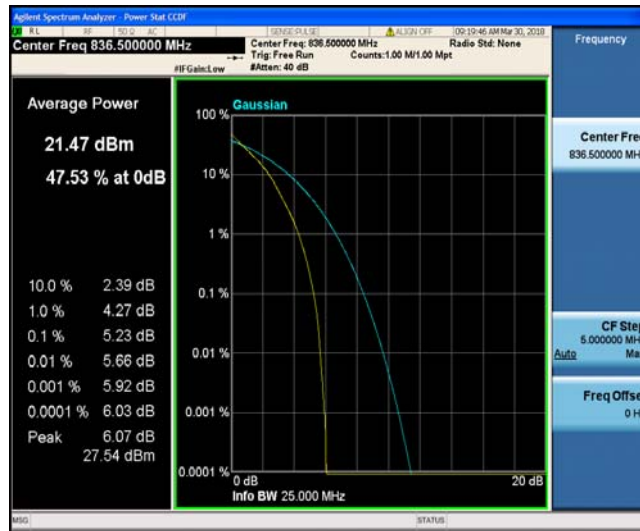
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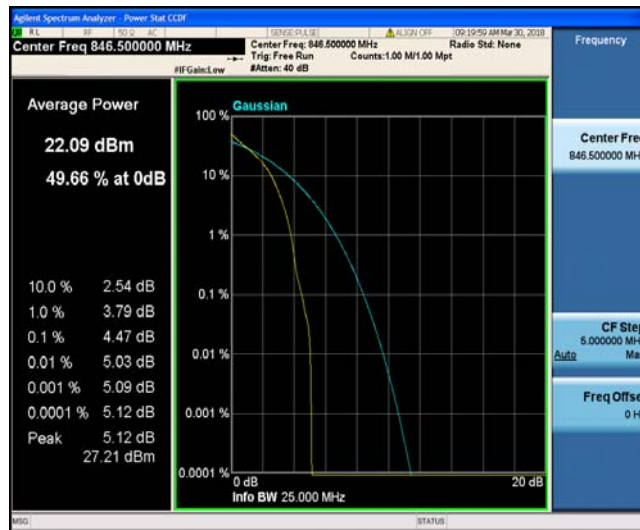
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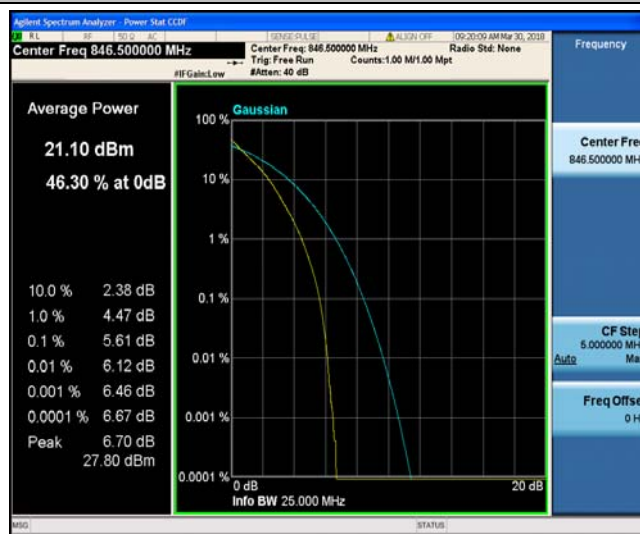
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Band5_5MHz_QPSK_20525_25RB#0



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



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Band5_5MHz_16QAM_20625_1RB#0



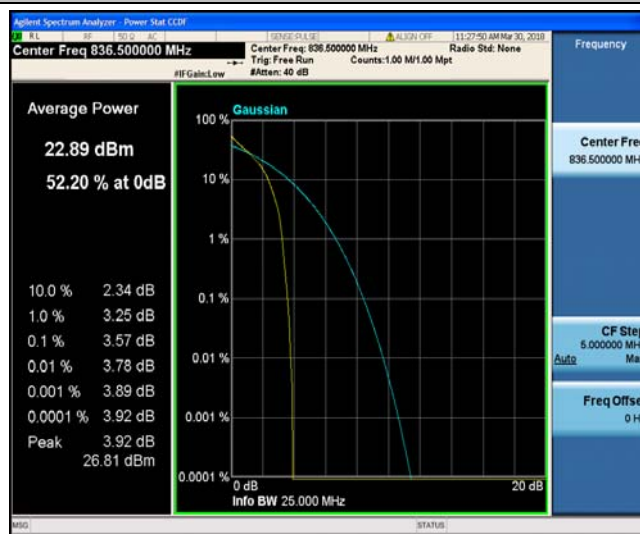
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Band5_10MHz_QPSK_20450_50RB#0



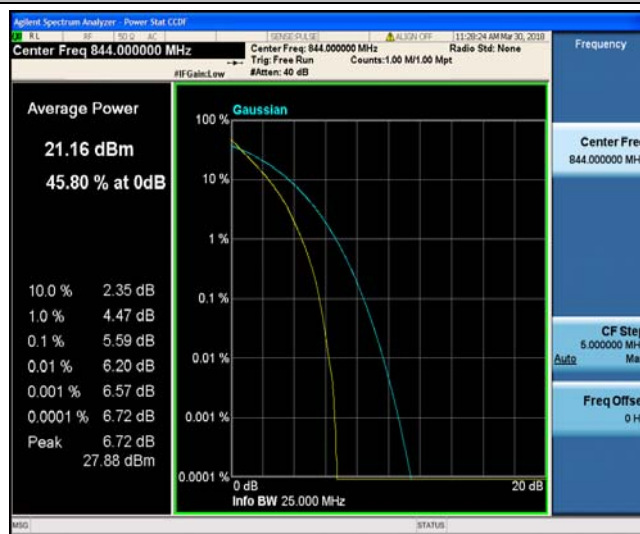
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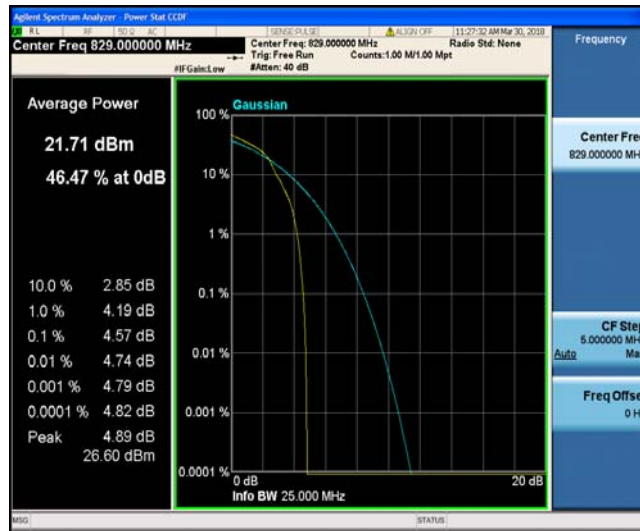
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Band5_10MHz_QPSK_20600_50RB#0



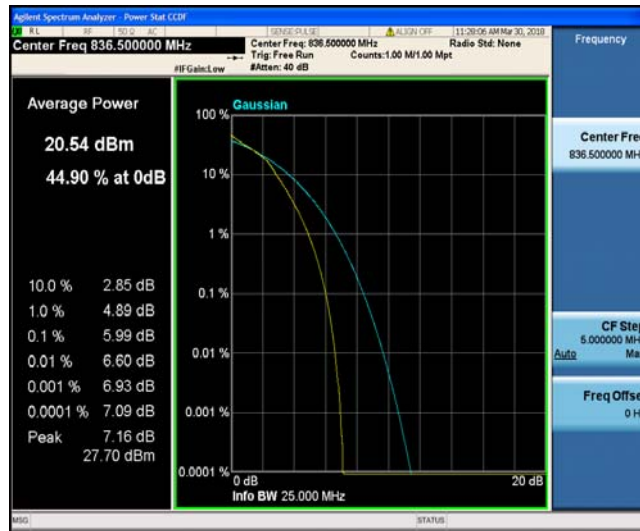
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Band5_10MHz_16QAM_20525_1RB#0



Band5_10MHz_16QAM_20525_50RB#0



Band5_10MHz_16QAM_20600_1RB#0



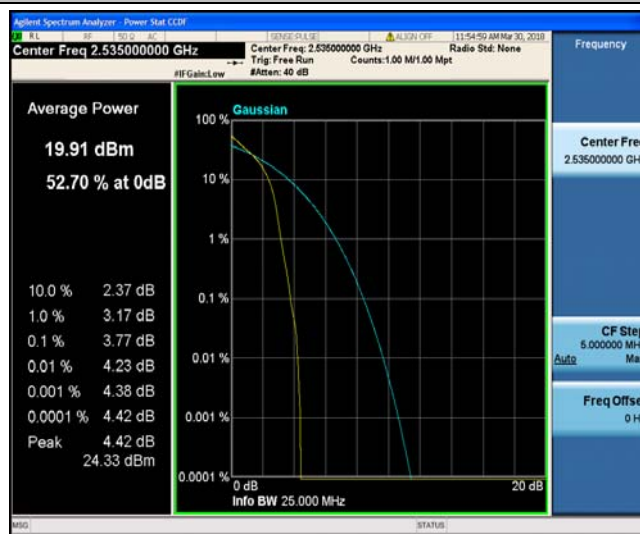
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Band7_5MHz_QPSK_20775_1RB#0



Band7_5MHz_QPSK_20775_25RB#0



Band7_5MHz_QPSK_21100_1RB#0



Band7_5MHz_QPSK_21100_25RB#0



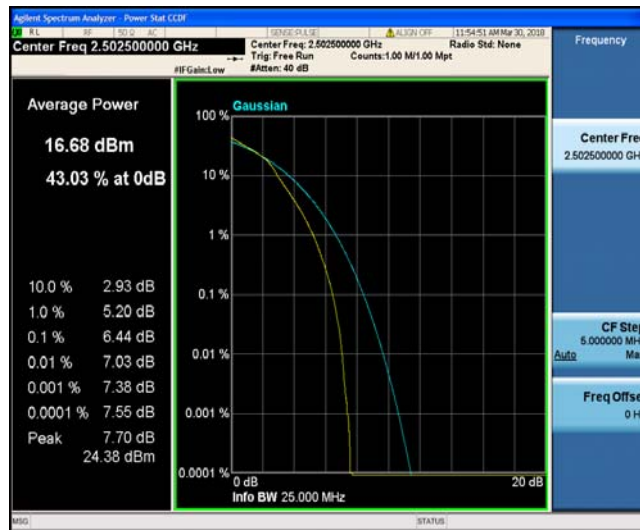
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Band7_5MHz_QPSK_21425_25RB#0



Band7_5MHz_16QAM_20775_1RB#0



Band7_5MHz_16QAM_20775_25RB#0



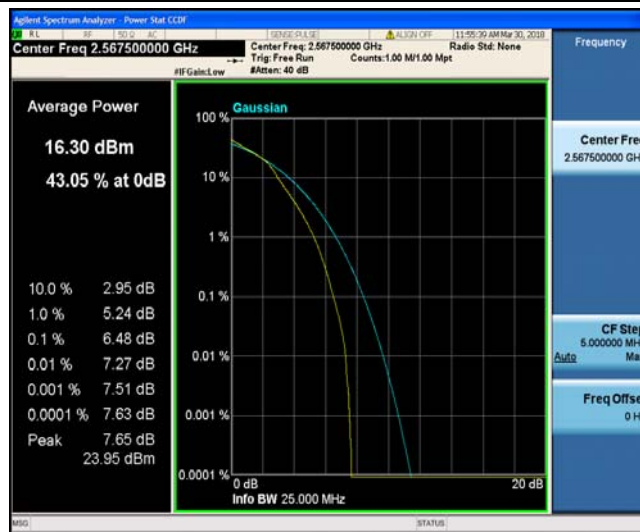
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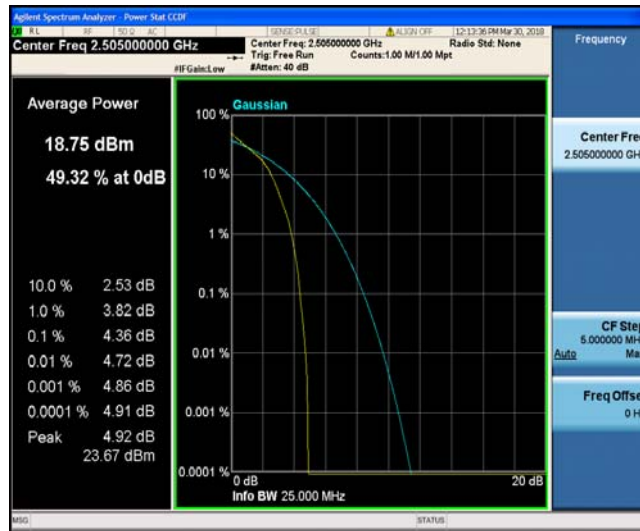
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Band7_5MHz_16QAM_21425_1RB#0



Band7_5MHz_16QAM_21425_25RB#0



Band7_10MHz_QPSK_20800_1RB#0



Band7_10MHz_QPSK_20800_50RB#0



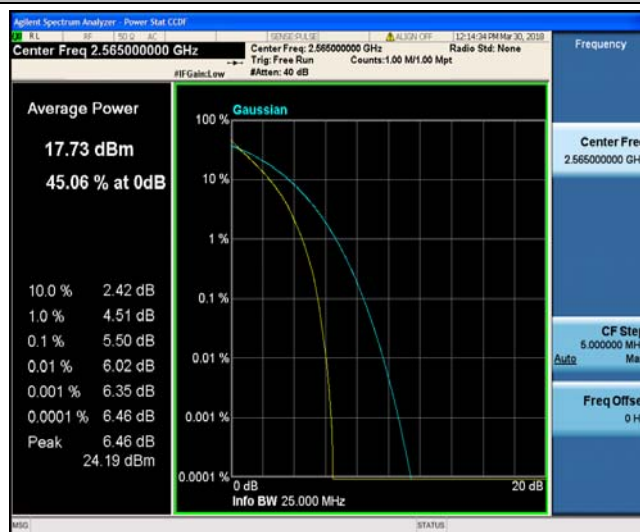
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Band7_10MHz_QPSK_21400_1RB#0



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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



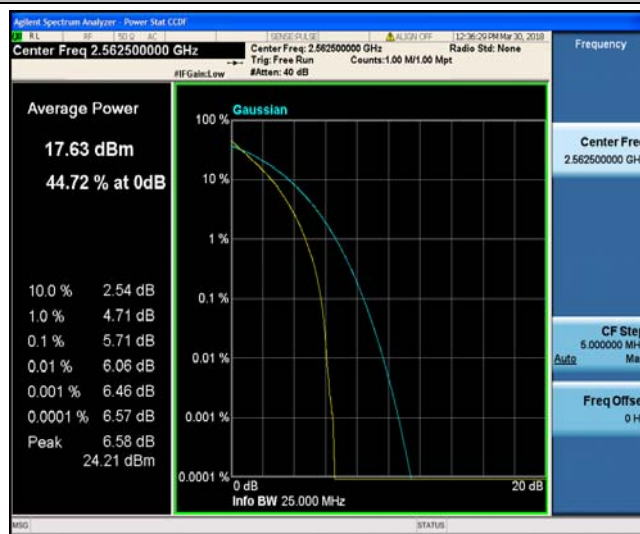
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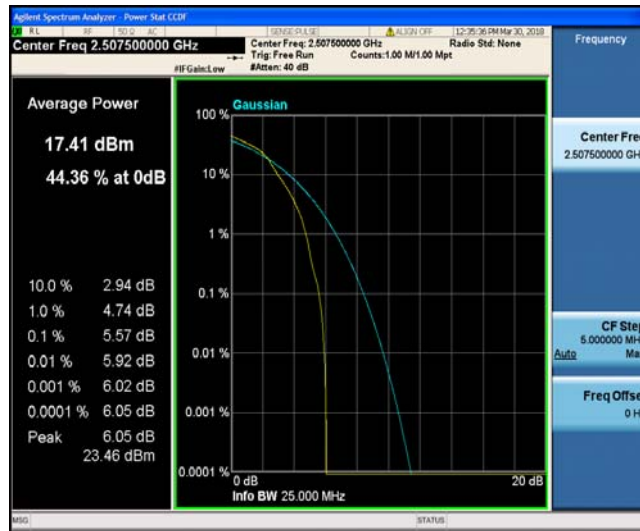
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Band7_15MHz_QPSK_21375_1RB#0



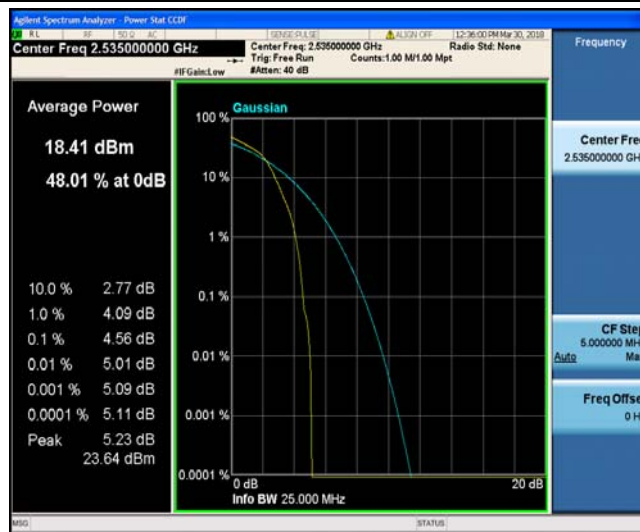
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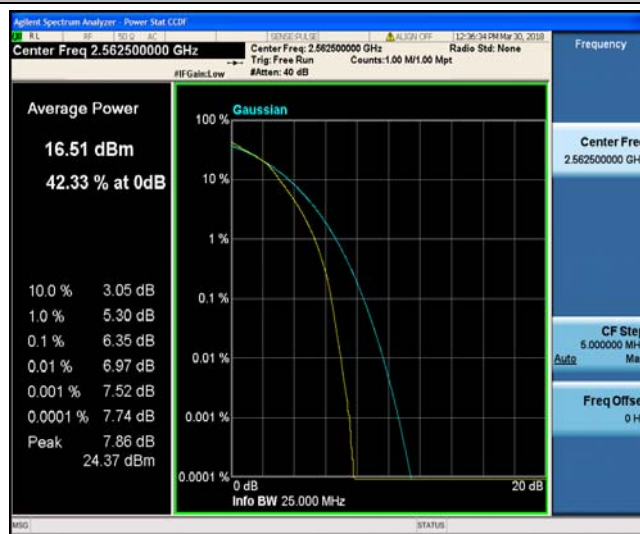
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Band7_15MHz_16QAM_21375_1RB#0



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



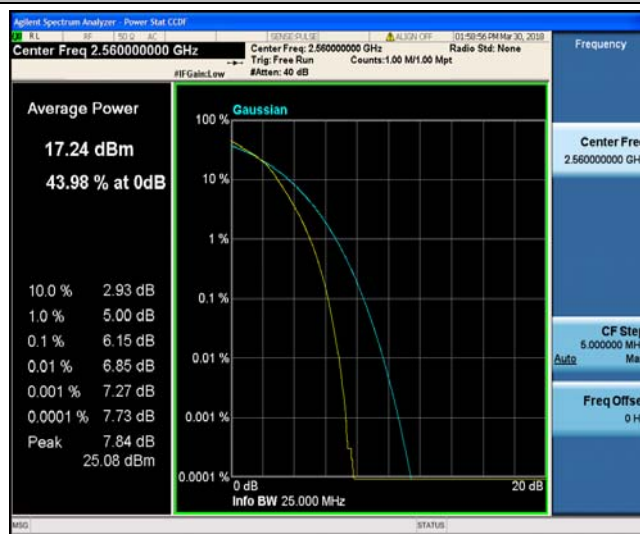
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Band7_20MHz_16QAM_21100_100RB#0



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	1.0966	1.274	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	1.0935	1.281	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1.0957	1.270	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1.1037	1.295	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.0980	1.302	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1.0909	1.268	PASS
Band2	3MHz	QPSK	18615	15RB#0	2.6851	2.885	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.6894	2.921	PASS
Band2	3MHz	QPSK	19185	15RB#0	2.6826	2.917	PASS
Band2	3MHz	16QAM	18615	15RB#0	2.6871	2.938	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.6862	2.915	PASS
Band2	3MHz	16QAM	19185	15RB#0	2.6820	2.923	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.5195	5.087	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.5407	5.076	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.5135	5.087	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.5208	5.070	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.5258	5.085	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.5125	5.027	PASS
Band2	10MHz	QPSK	18650	50RB#0	8.9390	9.738	PASS
Band2	10MHz	QPSK	18900	50RB#0	8.9444	9.673	PASS
Band2	10MHz	QPSK	19150	50RB#0	8.9378	9.691	PASS
Band2	10MHz	16QAM	18650	50RB#0	8.9404	9.731	PASS
Band2	10MHz	16QAM	18900	50RB#0	8.9617	9.765	PASS
Band2	10MHz	16QAM	19150	50RB#0	8.9278	9.658	PASS
Band2	15MHz	QPSK	18675	75RB#0	13.480	15.00	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.517	14.84	PASS
Band2	15MHz	QPSK	19125	75RB#0	13.465	14.82	PASS
Band2	15MHz	16QAM	18675	75RB#0	13.493	14.89	PASS
Band2	15MHz	16QAM	18900	75RB#0	13.494	14.92	PASS
Band2	15MHz	16QAM	19125	75RB#0	13.474	14.85	PASS
Band2	20MHz	QPSK	18700	100RB#0	17.910	19.34	PASS
Band2	20MHz	QPSK	18900	100RB#0	17.968	19.55	PASS
Band2	20MHz	QPSK	19100	100RB#0	17.919	19.38	PASS
Band2	20MHz	16QAM	18700	100RB#0	17.925	19.35	PASS
Band2	20MHz	16QAM	18900	100RB#0	17.931	19.52	PASS
Band2	20MHz	16QAM	19100	100RB#0	17.870	19.45	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	1.0944	1.273	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.0946	1.273	PASS



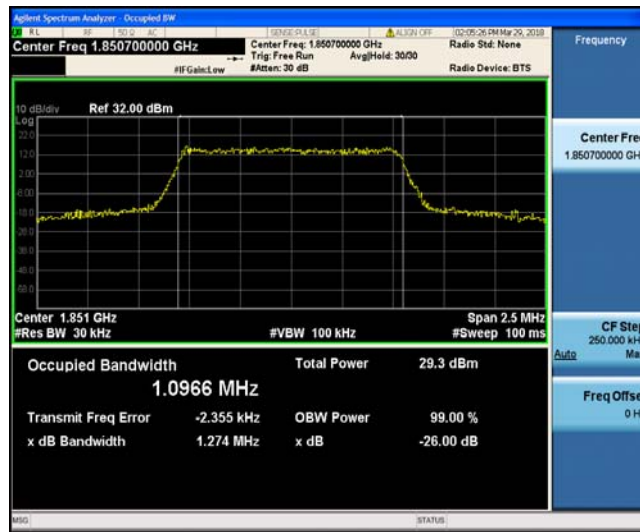
Band4	1.4MHz	QPSK	20393	6RB#0	1.0979	1.265	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.1017	1.285	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.1009	1.321	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.0953	1.273	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.6843	2.890	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.6825	2.940	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.6787	2.911	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.6859	2.962	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.6849	2.931	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.6849	2.919	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.5380	5.103	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.5140	5.049	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.5185	5.070	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.5257	5.124	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.5193	5.028	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.5277	5.049	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.9429	9.699	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.9461	9.705	PASS
Band4	10MHz	QPSK	20350	50RB#0	8.9503	9.670	PASS
Band4	10MHz	16QAM	20000	50RB#0	8.9626	9.881	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.9562	9.826	PASS
Band4	10MHz	16QAM	20350	50RB#0	8.9395	9.815	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.461	14.93	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.499	14.86	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.466	14.86	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.464	14.94	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.508	14.85	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.483	14.92	PASS
Band4	20MHz	QPSK	20050	100RB#0	17.891	19.30	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.910	19.43	PASS
Band4	20MHz	QPSK	20300	100RB#0	17.893	19.37	PASS
Band4	20MHz	16QAM	20050	100RB#0	17.923	19.38	PASS
Band4	20MHz	16QAM	20175	100RB#0	17.893	19.42	PASS
Band4	20MHz	16QAM	20300	100RB#0	17.884	19.43	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	1.0944	1.278	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.0918	1.279	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.0955	1.277	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.1022	1.281	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.0939	1.277	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.0903	1.274	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.6853	2.918	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.6771	2.907	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.6808	2.911	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.6830	2.905	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.6848	2.923	PASS



Band5	3MHz	16QAM	20635	15RB#0	2.6800	2.890	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.5360	5.080	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.5105	5.044	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.5153	5.048	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.5240	5.085	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.5096	5.019	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.5115	5.036	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.9577	9.779	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.9470	9.700	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.9615	9.792	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.9479	9.811	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.9575	9.759	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.9368	9.721	PASS
Band7	5MHz	QPSK	20775	25RB#0	4.5136	5.085	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.5341	5.101	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.5140	5.067	PASS
Band7	5MHz	16QAM	20775	25RB#0	4.5167	5.065	PASS
Band7	5MHz	16QAM	21100	25RB#0	4.5218	5.083	PASS
Band7	5MHz	16QAM	21425	25RB#0	4.5097	5.059	PASS
Band7	10MHz	QPSK	20800	50RB#0	8.9465	9.752	PASS
Band7	10MHz	QPSK	21100	50RB#0	8.9422	9.646	PASS
Band7	10MHz	QPSK	21400	50RB#0	8.9528	9.722	PASS
Band7	10MHz	16QAM	20800	50RB#0	8.9538	9.767	PASS
Band7	10MHz	16QAM	21100	50RB#0	8.9579	9.815	PASS
Band7	10MHz	16QAM	21400	50RB#0	8.9361	9.760	PASS
Band7	15MHz	QPSK	20825	75RB#0	13.478	14.97	PASS
Band7	15MHz	QPSK	21100	75RB#0	13.513	14.87	PASS
Band7	15MHz	QPSK	21375	75RB#0	13.501	14.84	PASS
Band7	15MHz	16QAM	20825	75RB#0	13.482	14.86	PASS
Band7	15MHz	16QAM	21100	75RB#0	13.471	14.82	PASS
Band7	15MHz	16QAM	21375	75RB#0	13.499	14.90	PASS
Band7	20MHz	QPSK	20850	100RB#0	17.914	19.28	PASS
Band7	20MHz	QPSK	21100	100RB#0	17.910	19.52	PASS
Band7	20MHz	QPSK	21350	100RB#0	17.964	19.38	PASS
Band7	20MHz	16QAM	20850	100RB#0	17.896	19.34	PASS
Band7	20MHz	16QAM	21100	100RB#0	17.923	19.54	PASS
Band7	20MHz	16QAM	21350	100RB#0	17.904	19.48	PASS



Test Graphs



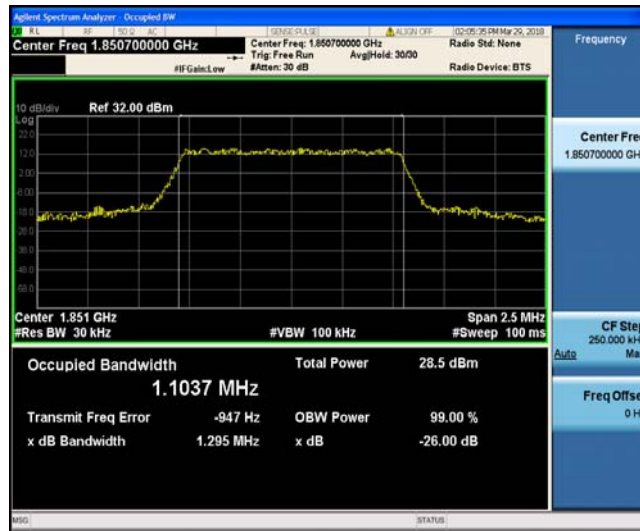
Band2_1.4MHz_QPSK_18607_6RB#0



Band2_1.4MHz_QPSK_18900_6RB#0



Band2_1.4MHz_QPSK_19193_6RB#0



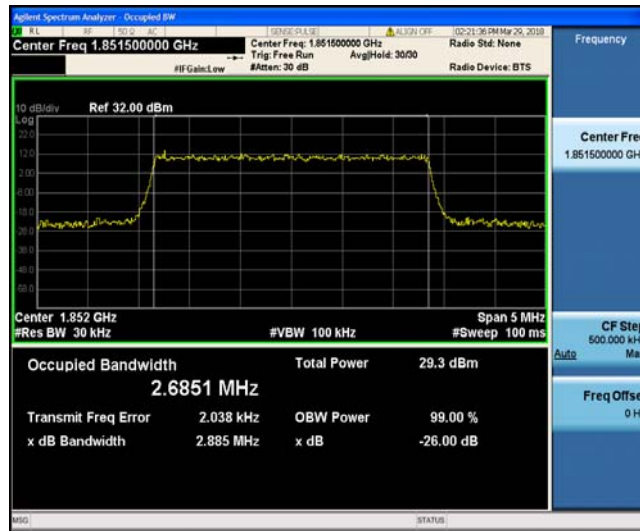
Band2_1.4MHz_16QAM_18607_6RB#0



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