



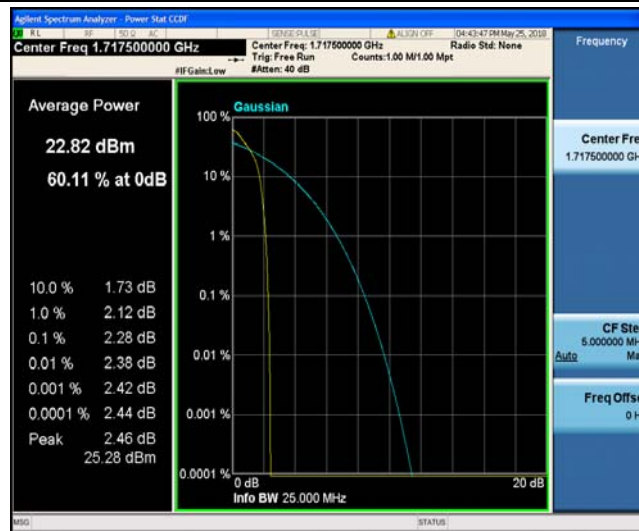
Band4_10MHz_16QAM_20175_50RB#0



Band4_10MHz_16QAM_20350_1RB#0



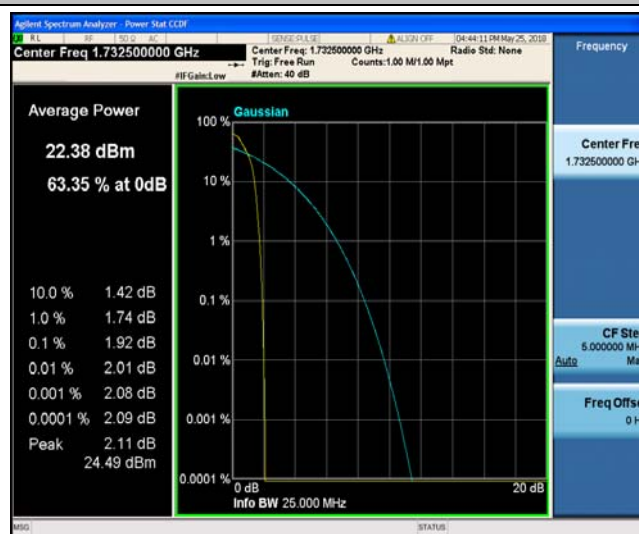
Band4_10MHz_16QAM_20350_50RB#0



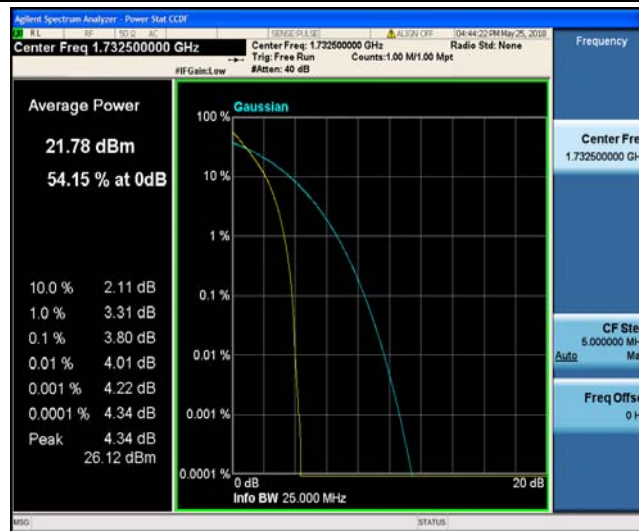
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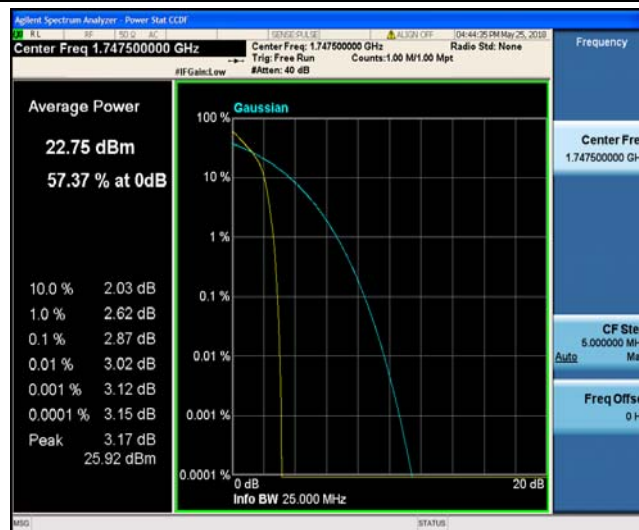
Band4_15MHz_QPSK_20025_75RB#0



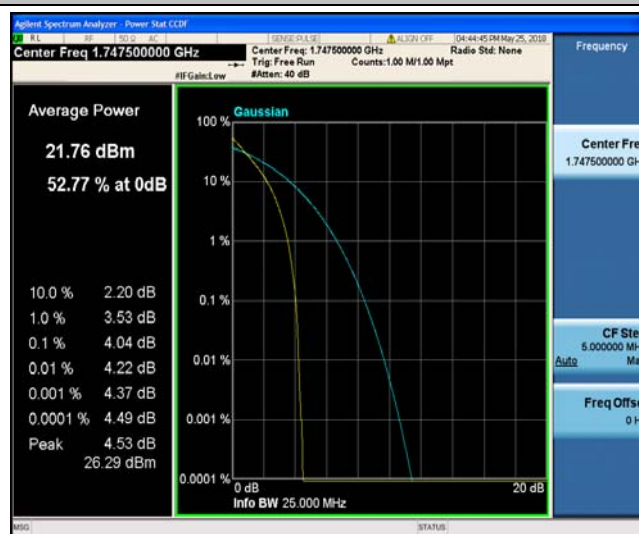
Band4_15MHz_QPSK_20175_1RB#0



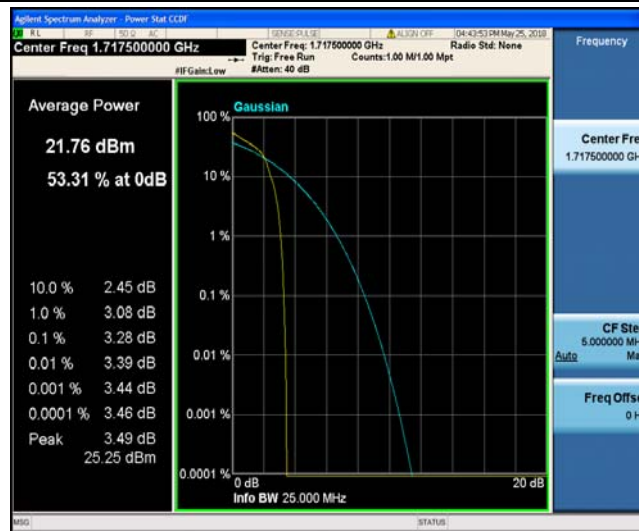
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Band4_15MHz_QPSK_20325_1RB#0



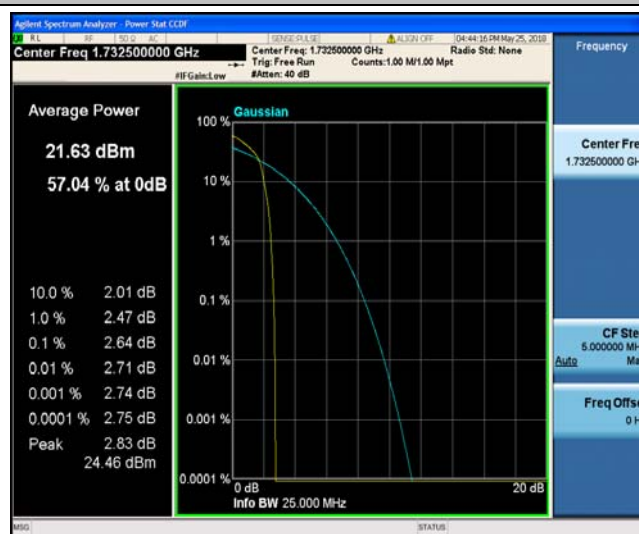
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Band4_15MHz_16QAM_20025_1RB#0



Band4_15MHz_16QAM_20025_75RB#0



Band4_15MHz_16QAM_20175_1RB#0



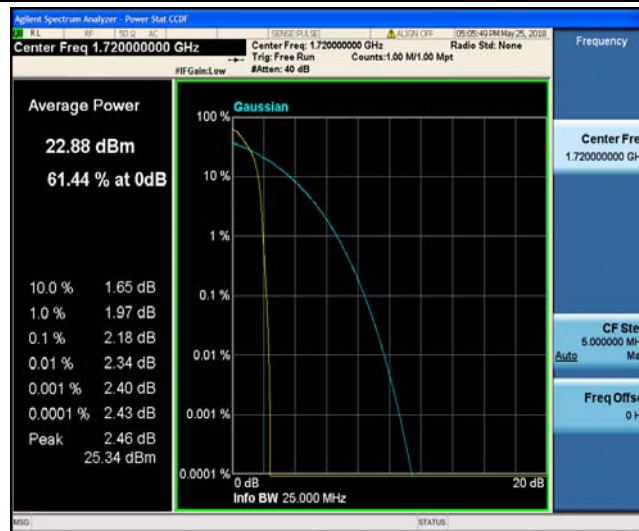
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Band4_15MHz_16QAM_20325_1RB#0



Band4_15MHz_16QAM_20325_75RB#0



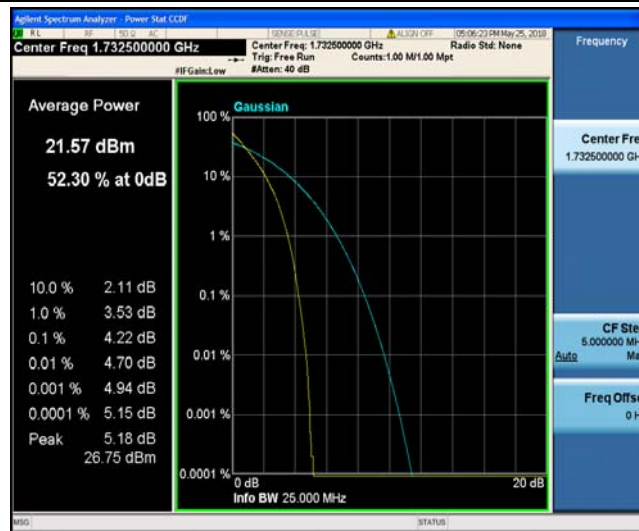
Band4_20MHz_QPSK_20050_1RB#0



Band4_20MHz_QPSK_20050_100RB#0



Band4_20MHz_QPSK_20175_1RB#0



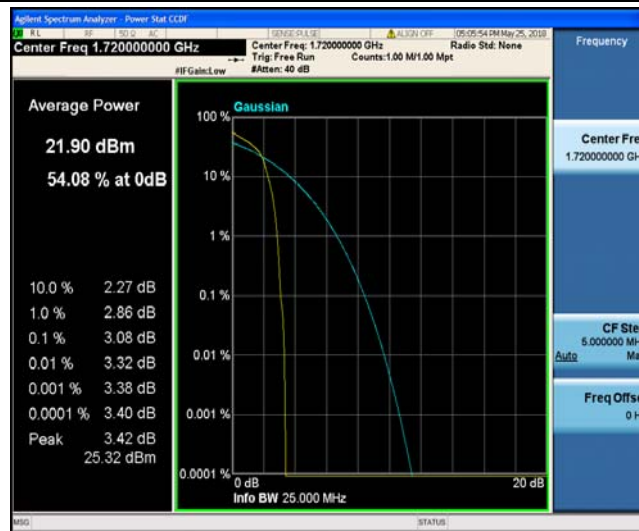
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Band4_20MHz_QPSK_20300_1RB#0



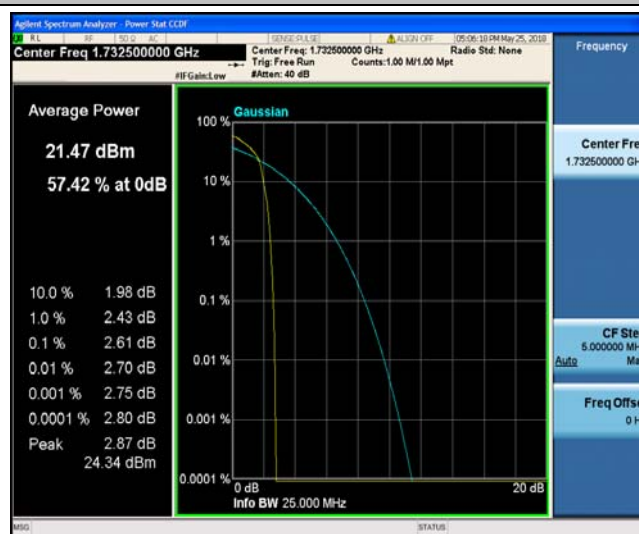
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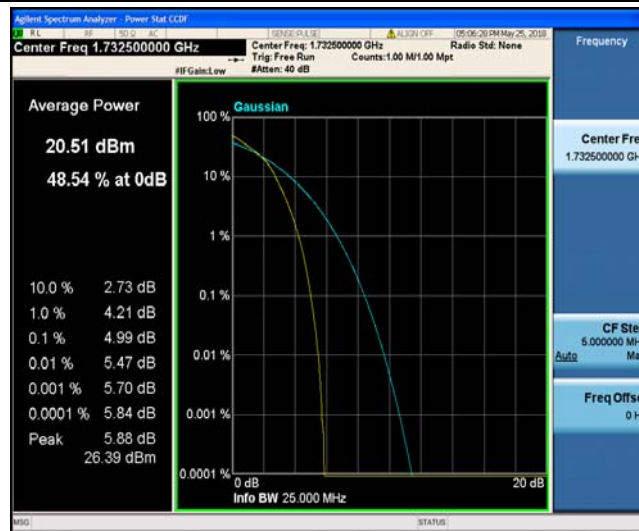
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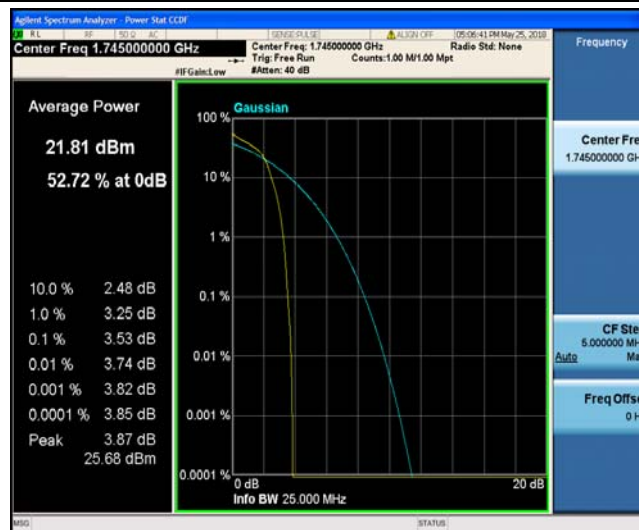
Band4_20MHz_16QAM_20050_100RB#0



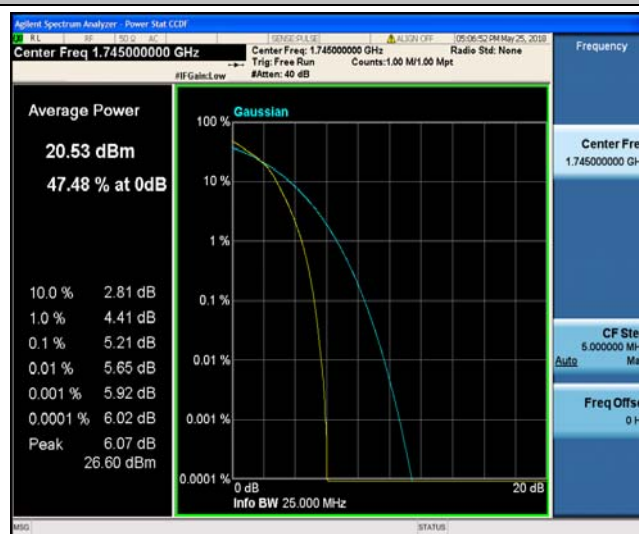
Band4_20MHz_16QAM_20175_1RB#0



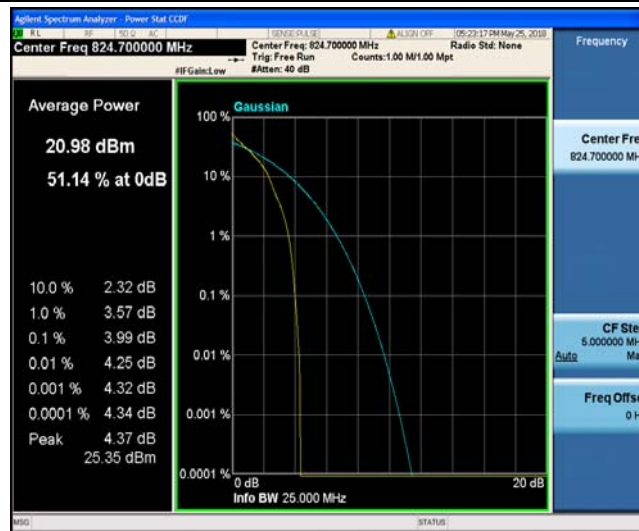
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Band4_20MHz_16QAM_20300_1RB#0



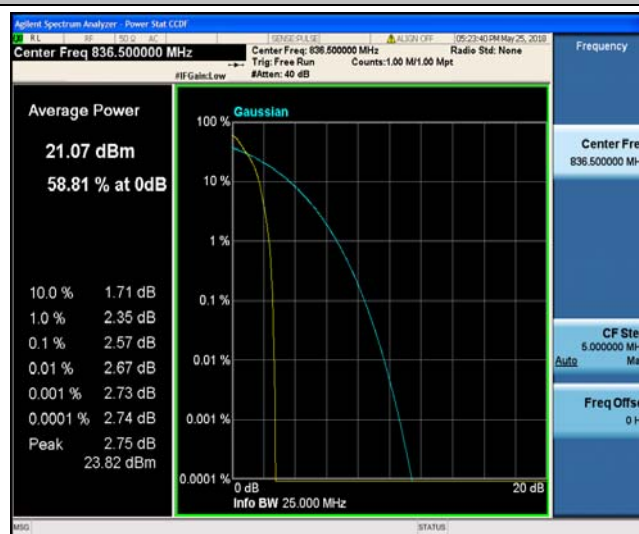
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Band5_1.4MHz_QPSK_20407_1RB#0



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



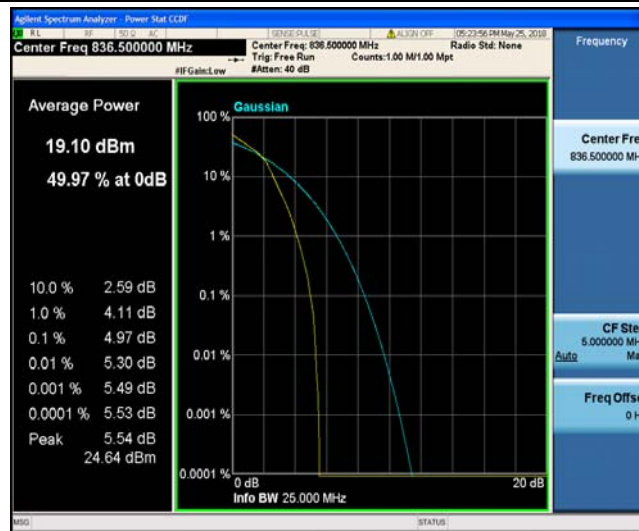
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Band5_1.4MHz_16QAM_20407_6RB#0



Band5_1.4MHz_16QAM_20525_1RB#0



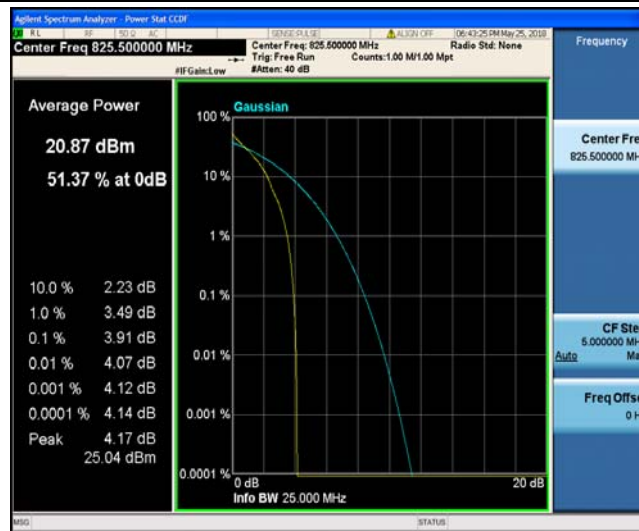
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Band5_1.4MHz_16QAM_20643_1RB#0



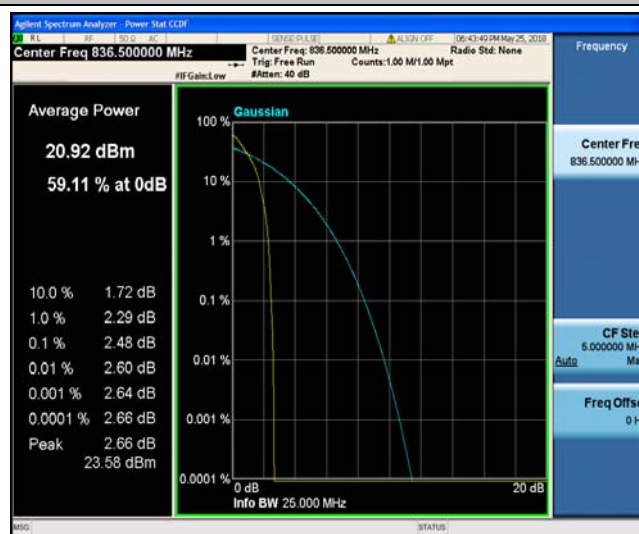
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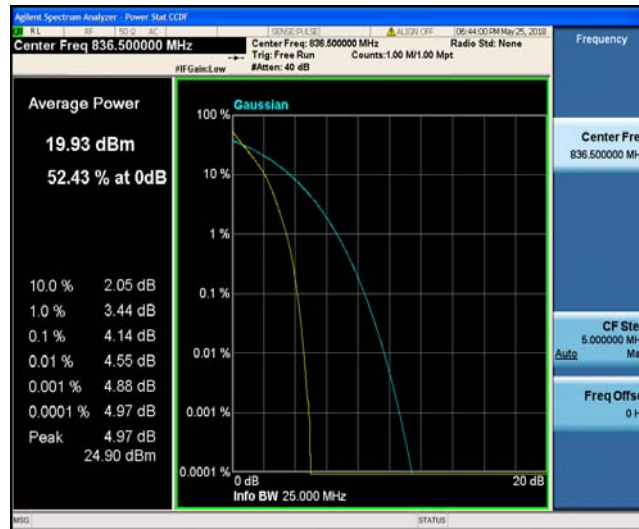
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Band5_3MHz_QPSK_20415_15RB#0



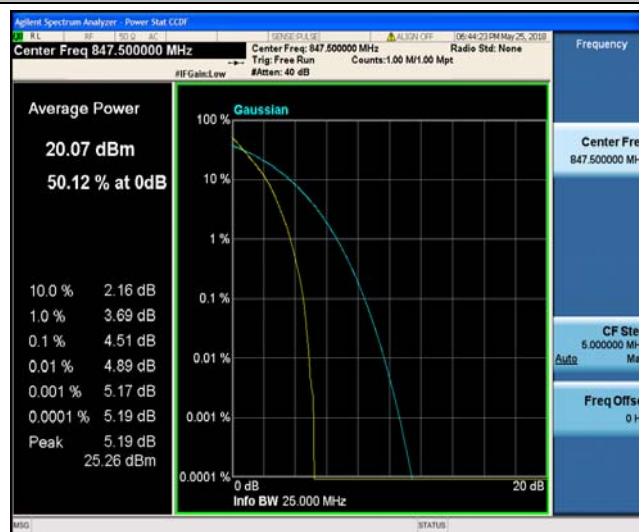
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Band5_3MHz_QPSK_20525_15RB#0



Band5_3MHz_QPSK_20635_1RB#0



Band5_3MHz_QPSK_20635_15RB#0



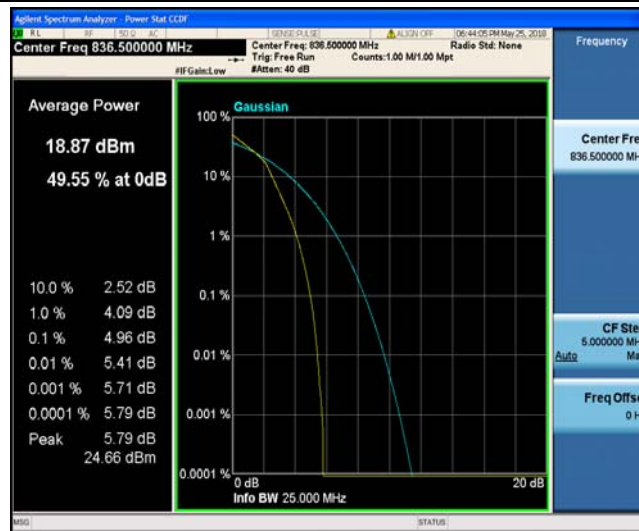
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Band5_3MHz_16QAM_20415_15RB#0



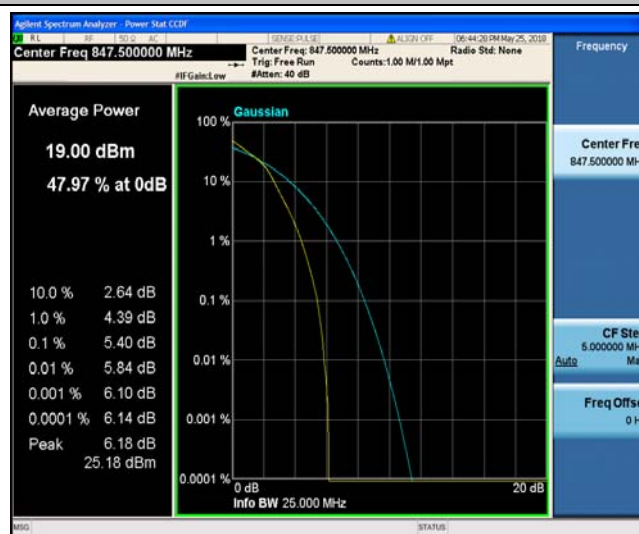
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Band5_3MHz_16QAM_20525_15RB#0



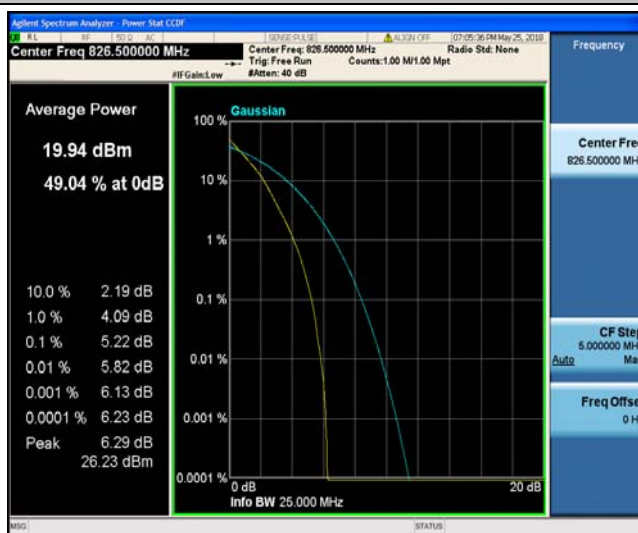
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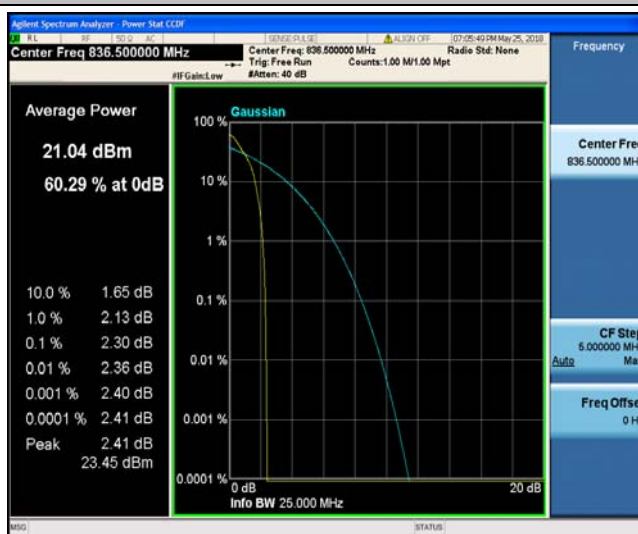
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Band5_5MHz_QPSK_20425_1RB#0



Band5_5MHz_QPSK_20425_25RB#0



Band5_5MHz_QPSK_20525_1RB#0



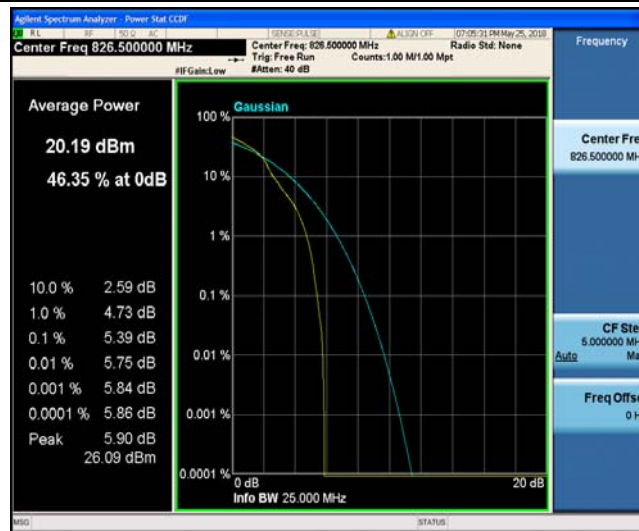
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Band5_5MHz_QPSK_20625_1RB#0



Band5_5MHz_QPSK_20625_25RB#0



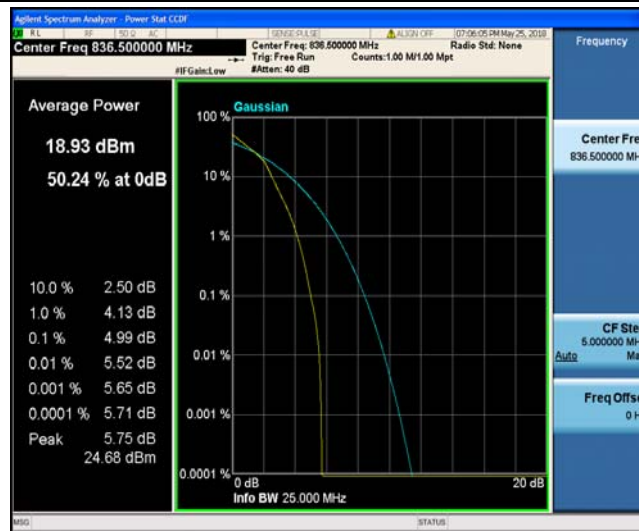
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Band5_5MHz_16QAM_20425_25RB#0



Band5_5MHz_16QAM_20525_1RB#0



Band5_5MHz_16QAM_20525_25RB#0



Band5_5MHz_16QAM_20625_1RB#0



Band5_5MHz_16QAM_20625_25RB#0



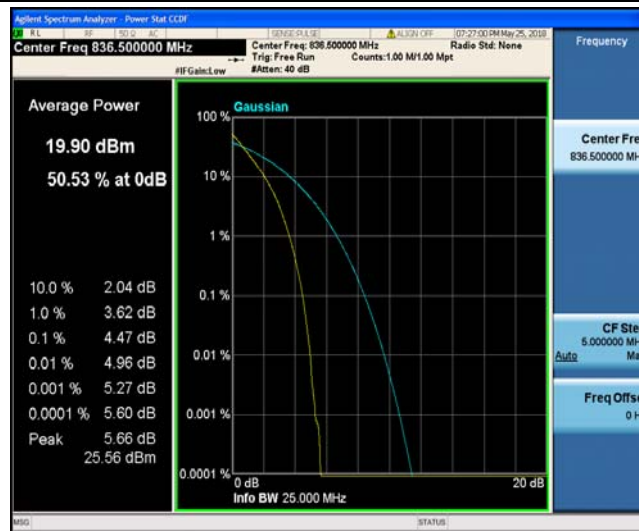
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Band5_10MHz_QPSK_20450_50RB#0



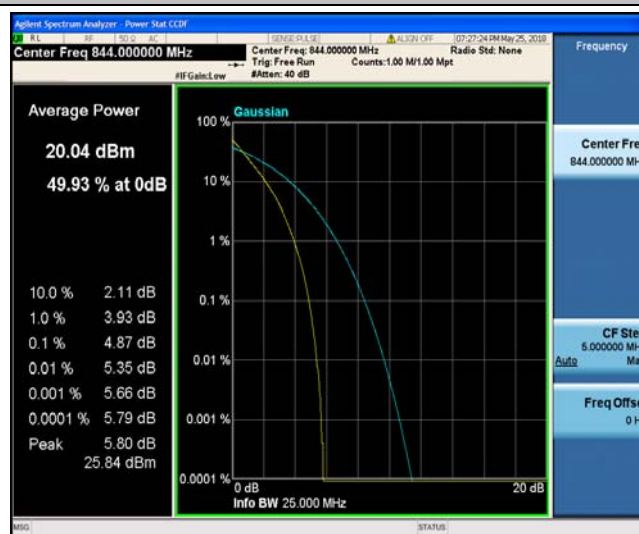
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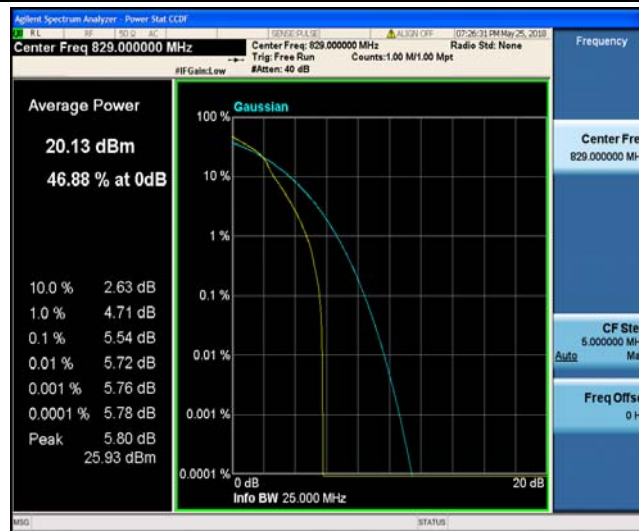
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Band5_10MHz_QPSK_20600_1RB#0



Band5_10MHz_QPSK_20600_50RB#0



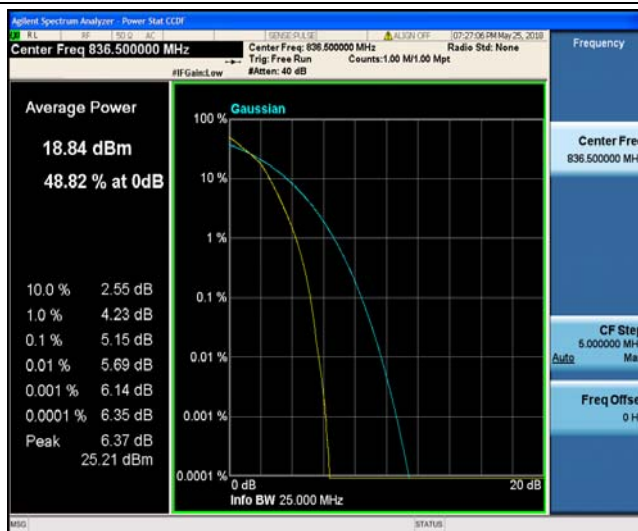
Band5_10MHz_16QAM_20450_1RB#0



Band5_10MHz_16QAM_20450_50RB#0



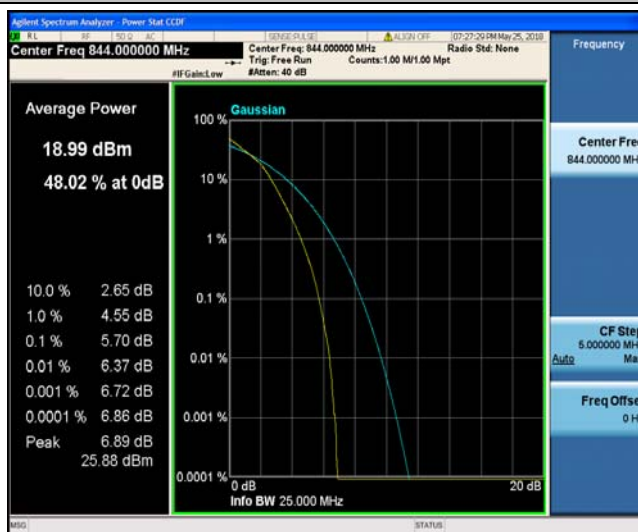
Band5_10MHz_16QAM_20525_1RB#0



Band5_10MHz_16QAM_20525_50RB#0



Band5_10MHz_16QAM_20600_1RB#0



Band5_10MHz_16QAM_20600_50RB#0



Band17_5MHz_QPSK_23755_1RB#0



Band17_5MHz_QPSK_23755_25RB#0



Band17_5MHz_QPSK_23790_1RB#0



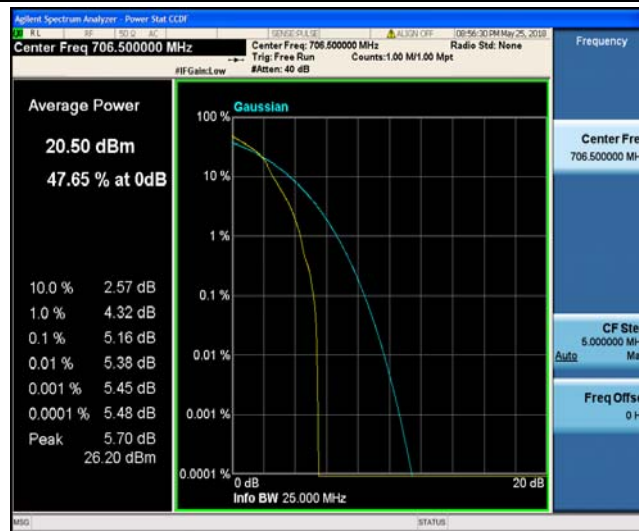
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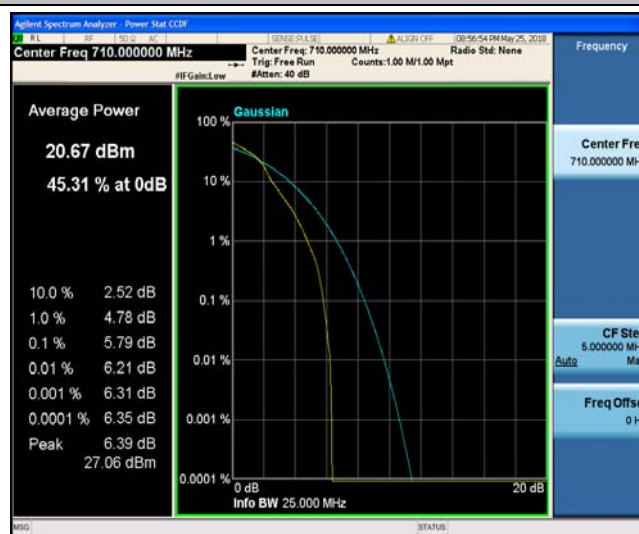
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Band17_5MHz_16QAM_23755_1RB#0



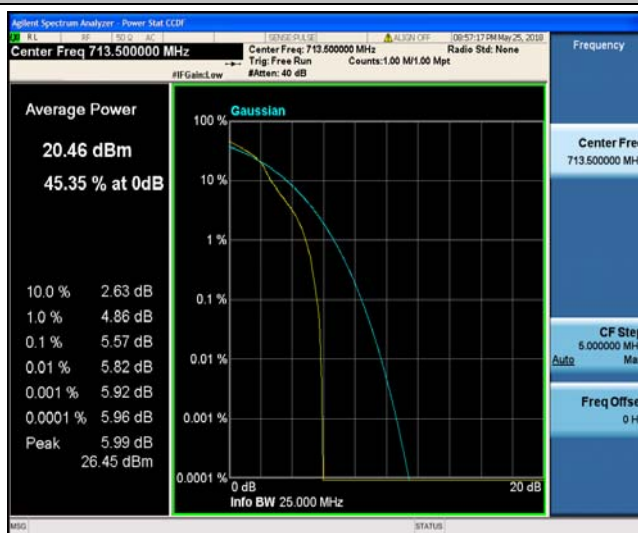
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Band17_5MHz_16QAM_23790_1RB#0



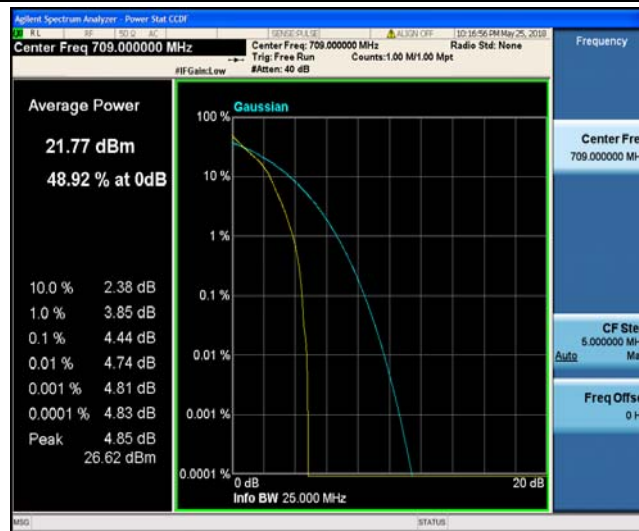
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Band17_5MHz_16QAM_23825_1RB#0



Band17_5MHz_16QAM_23825_25RB#0



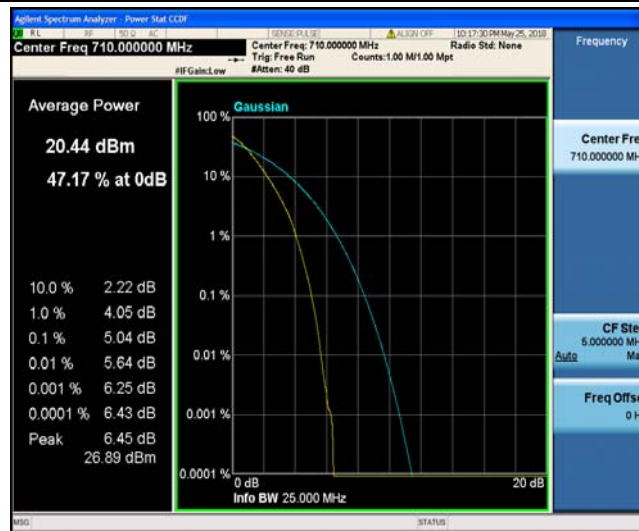
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Band17_10MHz_QPSK_23780_50RB#0



Band17_10MHz_QPSK_23790_1RB#0



Band17_10MHz_QPSK_23790_50RB#0



Band17_10MHz_QPSK_23800_1RB#0



Band17_10MHz_QPSK_23800_50RB#0



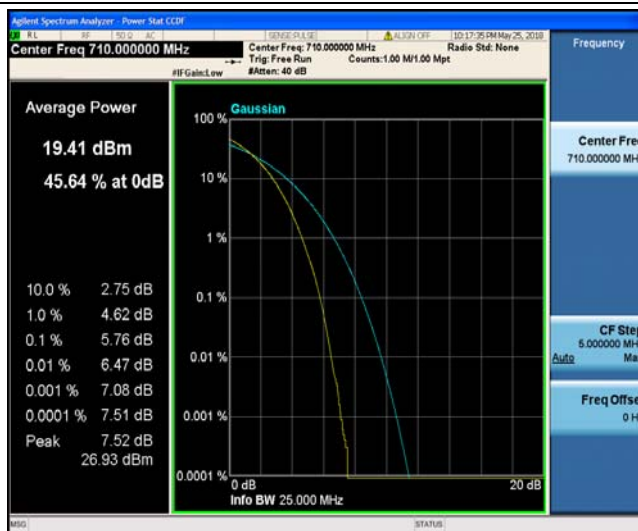
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Band17_10MHz_16QAM_23780_50RB#0



Band17_10MHz_16QAM_23790_1RB#0



Band17_10MHz_16QAM_23790_50RB#0



Band17_10MHz_16QAM_23800_1RB#0



Band17_10MHz_16QAM_23800_50RB#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	1.0960	1.288	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	1.0968	1.280	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1.1008	1.340	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1.0995	1.305	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.0941	1.269	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1.1045	1.305	PASS
Band2	3MHz	QPSK	18615	15RB#0	2.6816	2.907	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.6882	2.918	PASS
Band2	3MHz	QPSK	19185	15RB#0	2.6860	2.934	PASS
Band2	3MHz	16QAM	18615	15RB#0	2.6868	2.941	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.6843	2.920	PASS
Band2	3MHz	16QAM	19185	15RB#0	2.6810	2.949	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.5393	5.111	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.5108	5.064	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.5233	5.102	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.5260	5.106	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.5094	5.014	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.5185	5.089	PASS
Band2	10MHz	QPSK	18650	50RB#0	8.9604	9.877	PASS
Band2	10MHz	QPSK	18900	50RB#0	8.9534	9.781	PASS
Band2	10MHz	QPSK	19150	50RB#0	8.9582	9.877	PASS
Band2	10MHz	16QAM	18650	50RB#0	8.9420	9.886	PASS
Band2	10MHz	16QAM	18900	50RB#0	8.9622	9.719	PASS
Band2	10MHz	16QAM	19150	50RB#0	8.9756	9.844	PASS
Band2	15MHz	QPSK	18675	75RB#0	13.500	14.96	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.487	14.94	PASS
Band2	15MHz	QPSK	19125	75RB#0	13.486	14.89	PASS
Band2	15MHz	16QAM	18675	75RB#0	13.498	14.92	PASS
Band2	15MHz	16QAM	18900	75RB#0	13.469	14.81	PASS
Band2	15MHz	16QAM	19125	75RB#0	13.501	14.94	PASS
Band2	20MHz	QPSK	18700	100RB#0	17.920	19.38	PASS
Band2	20MHz	QPSK	18900	100RB#0	17.918	19.53	PASS
Band2	20MHz	QPSK	19100	100RB#0	17.943	19.39	PASS
Band2	20MHz	16QAM	18700	100RB#0	17.913	19.38	PASS
Band2	20MHz	16QAM	18900	100RB#0	17.913	19.48	PASS
Band2	20MHz	16QAM	19100	100RB#0	17.913	19.45	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	1.0951	1.283	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.0981	1.322	PASS



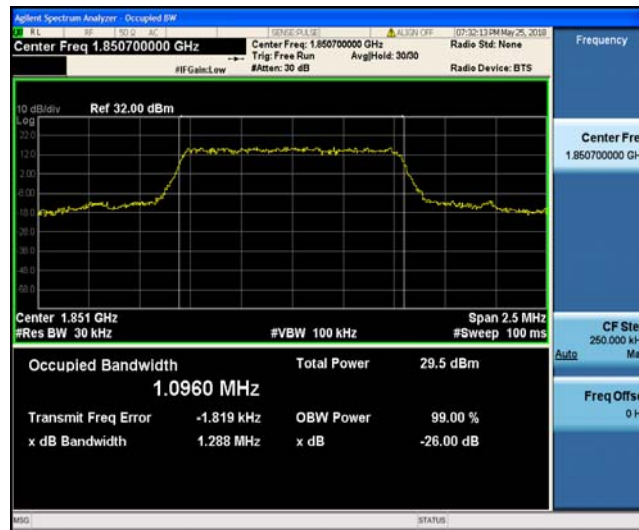
Band4	1.4MHz	QPSK	20393	6RB#0	1.1121	1.975	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.0972	1.302	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.0956	1.297	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.1089	1.597	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.6866	2.912	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.6850	2.940	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.6859	3.644	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.6894	2.920	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.6872	2.908	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.6891	2.989	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.5459	5.371	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.5218	5.152	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.5332	5.719	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.5315	6.080	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.5268	5.060	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.5331	5.140	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.9682	10.03	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.9625	9.977	PASS
Band4	10MHz	QPSK	20350	50RB#0	8.9608	9.863	PASS
Band4	10MHz	16QAM	20000	50RB#0	8.9696	10.08	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.9679	9.830	PASS
Band4	10MHz	16QAM	20350	50RB#0	8.9451	9.831	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.588	22.37	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.588	16.76	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.499	15.00	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.565	21.01	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.518	15.09	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.493	15.02	PASS
Band4	20MHz	QPSK	20050	100RB#0	17.993	26.79	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.995	21.89	PASS
Band4	20MHz	QPSK	20300	100RB#0	17.942	19.40	PASS
Band4	20MHz	16QAM	20050	100RB#0	17.973	21.49	PASS
Band4	20MHz	16QAM	20175	100RB#0	17.970	19.91	PASS
Band4	20MHz	16QAM	20300	100RB#0	17.931	19.48	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	1.0943	1.282	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.1003	1.283	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.0940	1.293	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.0922	1.282	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.1067	1.297	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.1003	1.281	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.6853	2.897	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.6901	2.933	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.6793	2.918	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.6801	2.923	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.6852	2.912	PASS



Band5	3MHz	16QAM	20635	15RB#0	2.6795	2.938	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.5322	5.071	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.5210	5.144	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.5141	5.082	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.5208	5.088	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.5238	5.052	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.5147	5.090	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.9519	9.760	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.9773	9.965	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.9569	9.736	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.9558	9.790	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.9825	9.846	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.9414	9.808	PASS
Band17	5MHz	QPSK	23755	25RB#0	4.5253	5.075	PASS
Band17	5MHz	QPSK	23790	25RB#0	4.5160	5.063	PASS
Band17	5MHz	QPSK	23825	25RB#0	4.5152	5.056	PASS
Band17	5MHz	16QAM	23755	25RB#0	4.5284	5.249	PASS
Band17	5MHz	16QAM	23790	25RB#0	4.5167	5.057	PASS
Band17	5MHz	16QAM	23825	25RB#0	4.5028	5.076	PASS
Band17	10MHz	QPSK	23780	50RB#0	8.9749	9.948	PASS
Band17	10MHz	QPSK	23790	50RB#0	8.9551	9.798	PASS
Band17	10MHz	QPSK	23800	50RB#0	8.9204	9.625	PASS
Band17	10MHz	16QAM	23780	50RB#0	8.9828	9.857	PASS
Band17	10MHz	16QAM	23790	50RB#0	8.9640	9.726	PASS
Band17	10MHz	16QAM	23800	50RB#0	8.9137	9.653	PASS



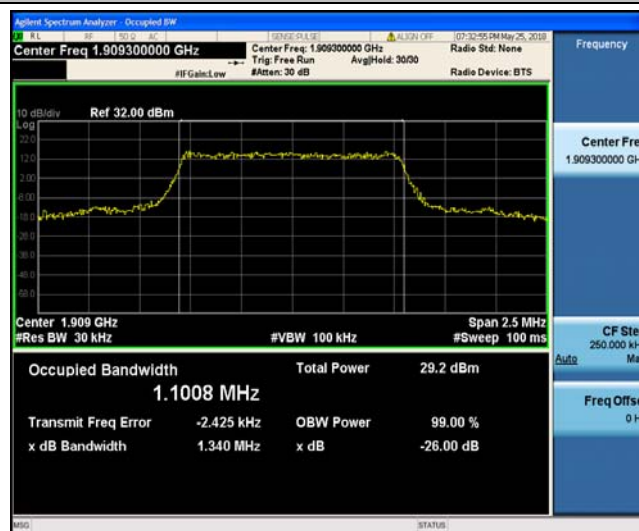
Test Graphs



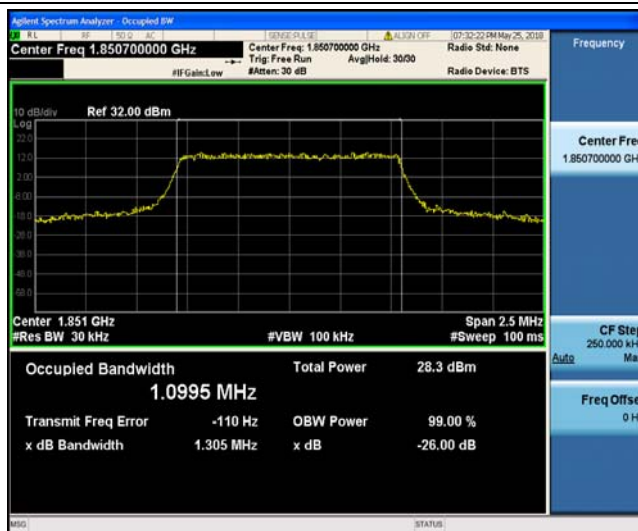
Band2_1.4MHz_QPSK_18607_6RB#0



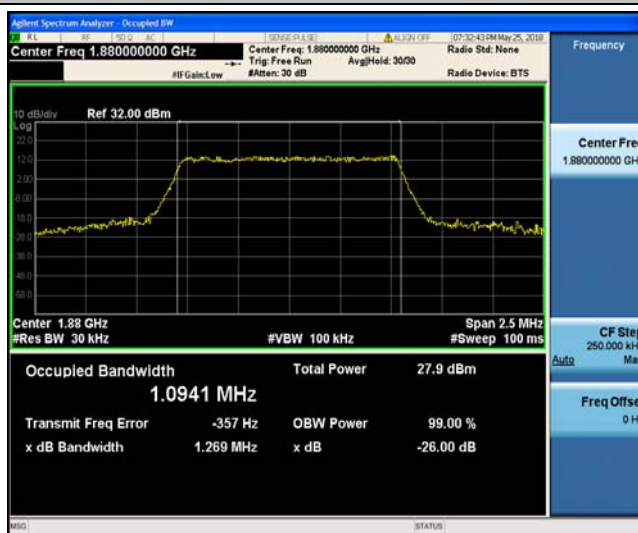
Band2_1.4MHz_QPSK_18900_6RB#0



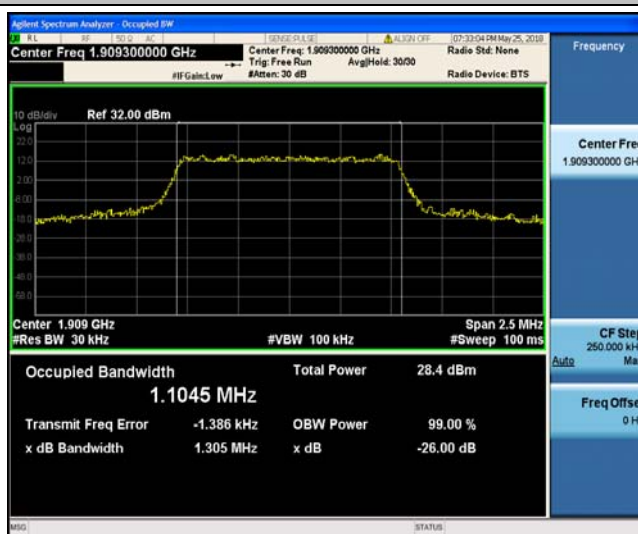
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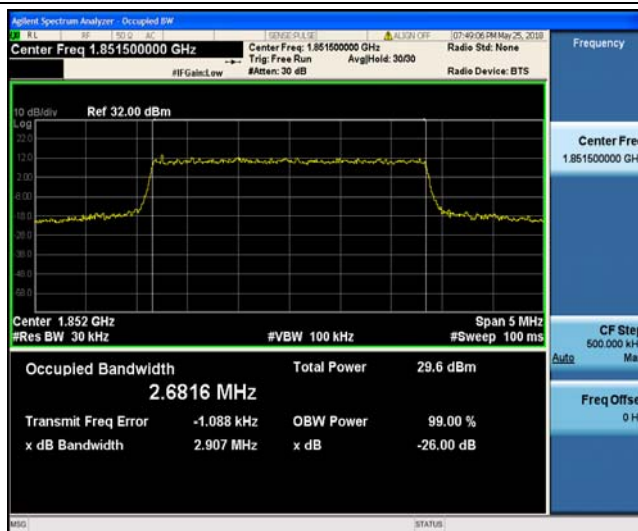
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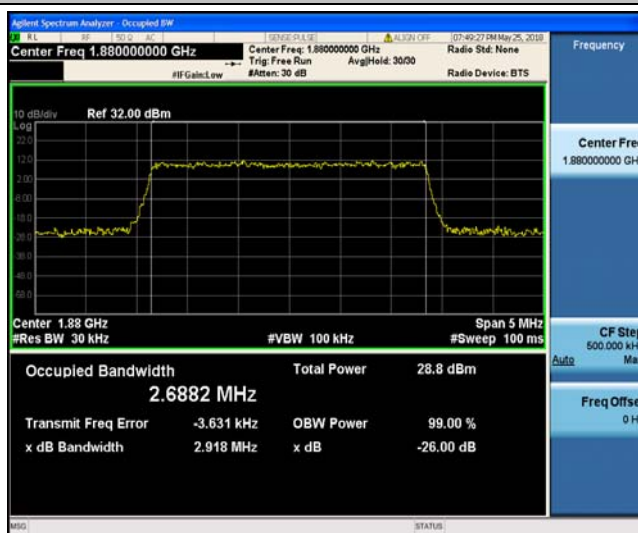
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Band2_1.4MHz_16QAM_19193_6RB#0



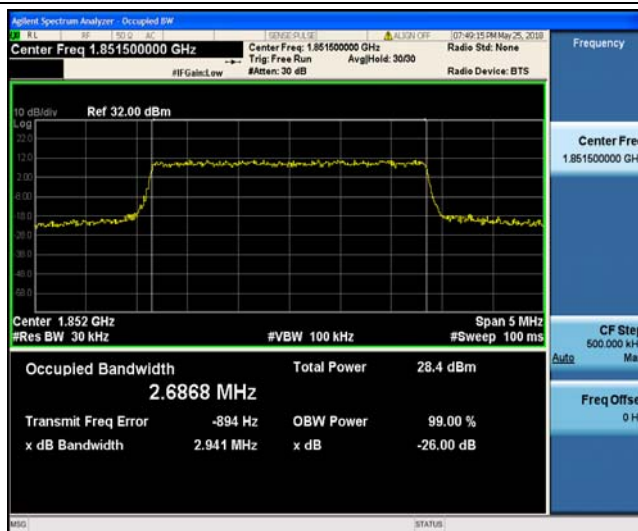
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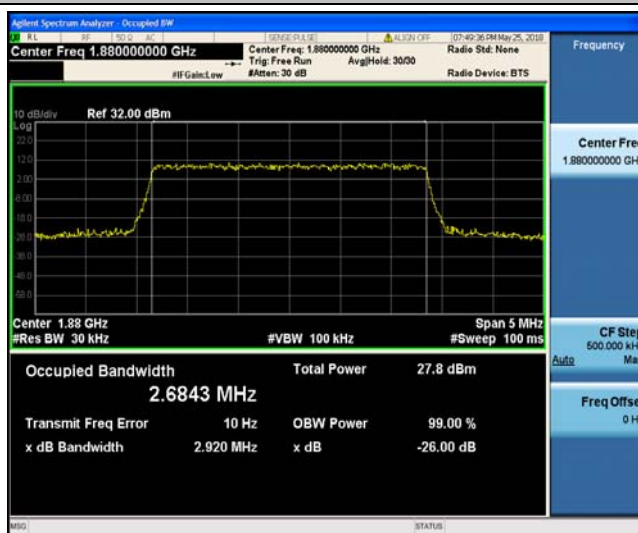
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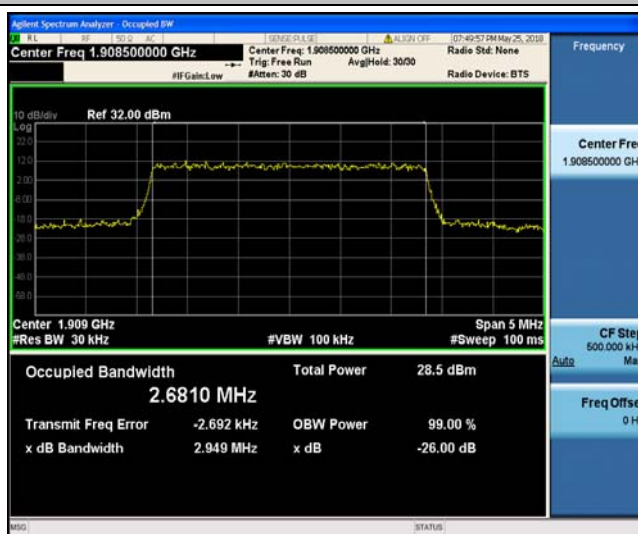
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Band2_3MHz_16QAM_18615_15RB#0



Band2_3MHz_16QAM_18900_15RB#0



Band2_3MHz_16QAM_19185_15RB#0



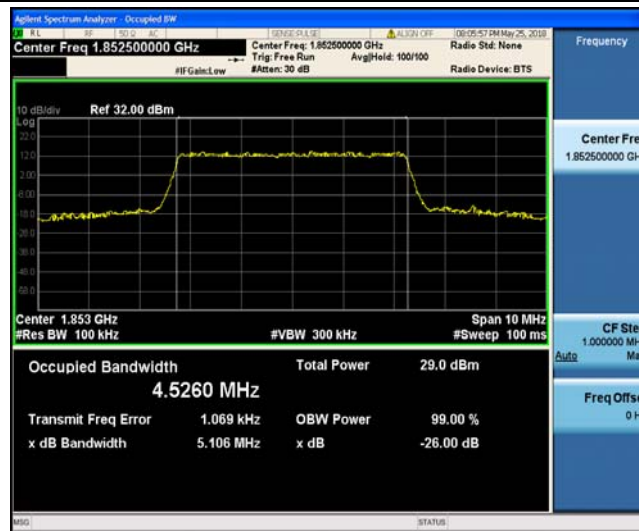
Band2_5MHz_QPSK_18625_25RB#0



Band2_5MHz_QPSK_18900_25RB#0



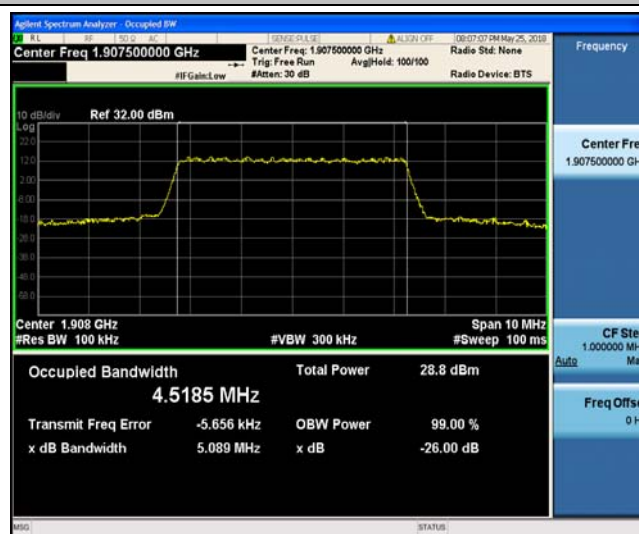
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Band2_5MHz_16QAM_18625_25RB#0



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



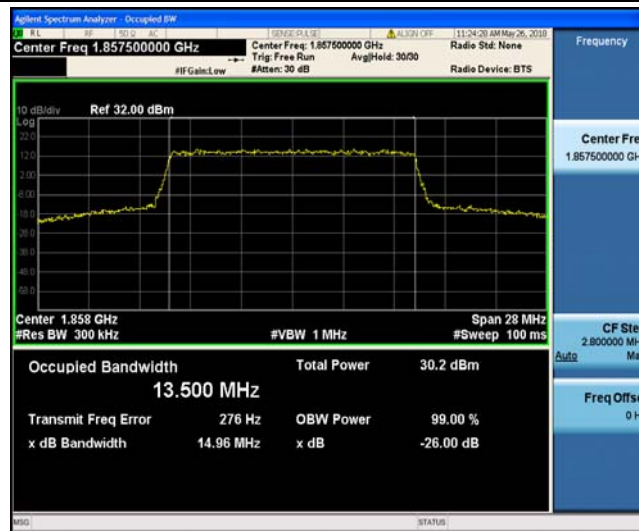
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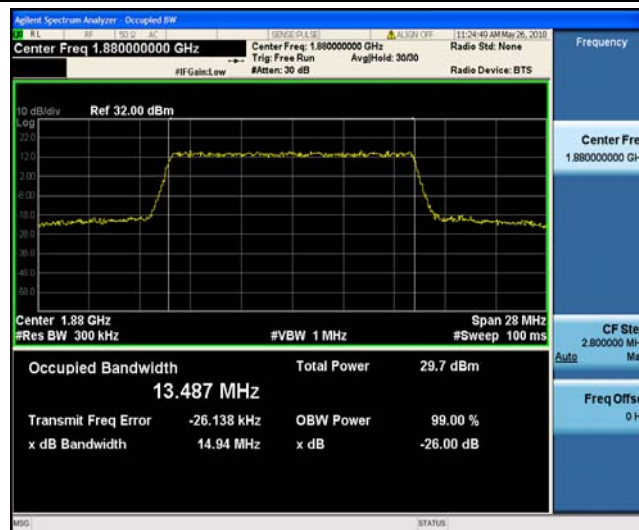
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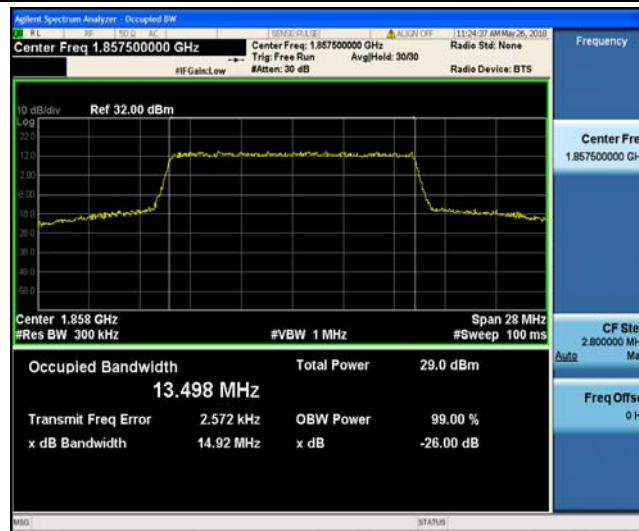
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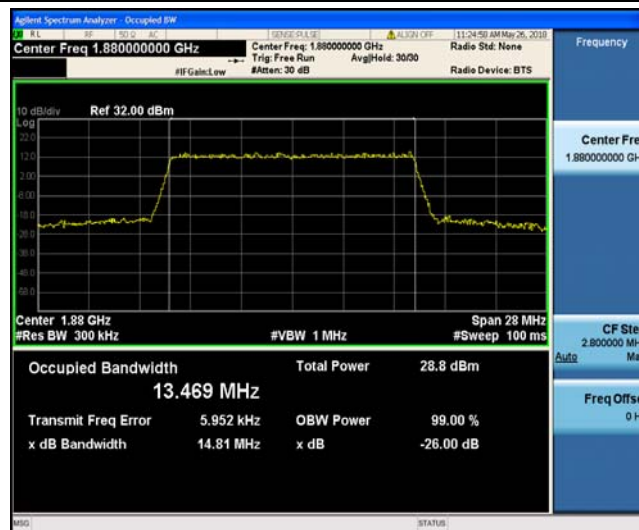
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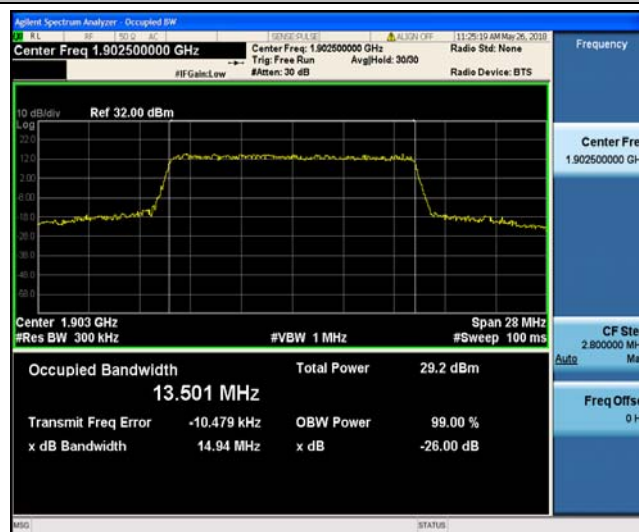
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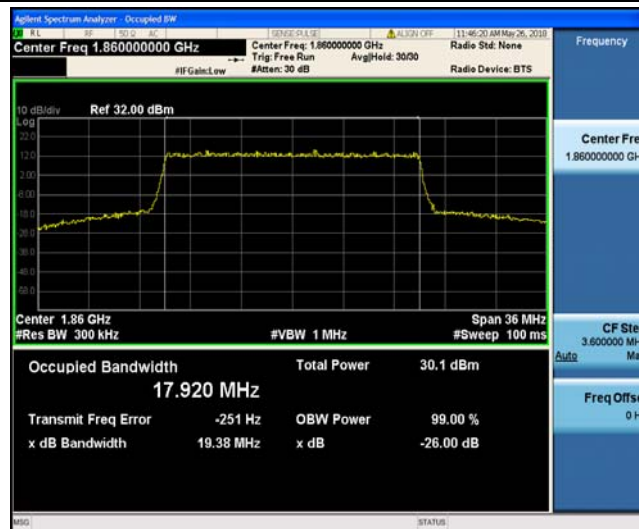
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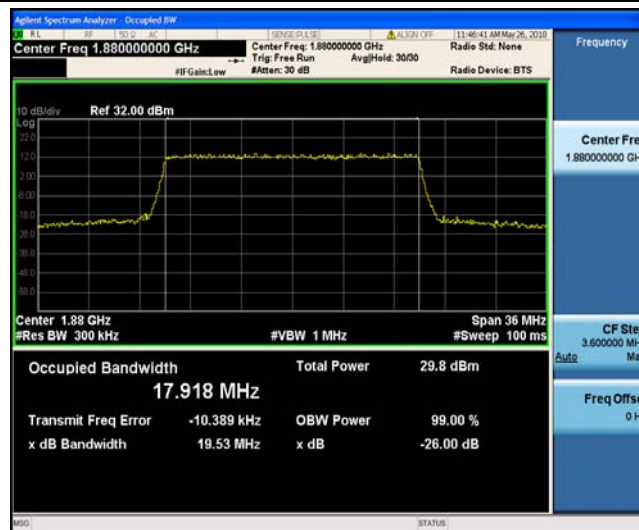
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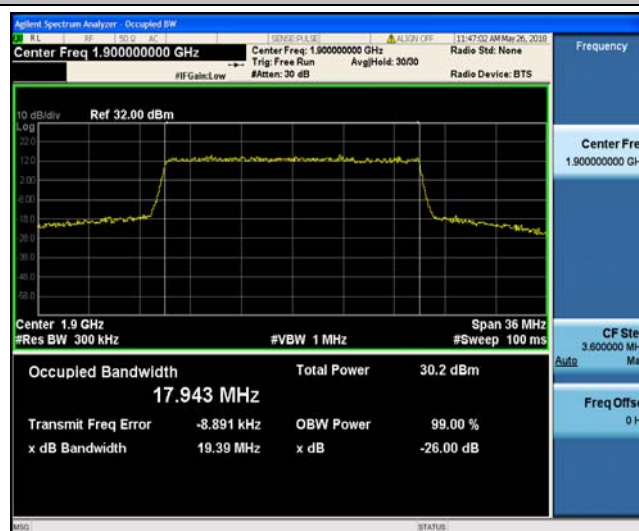
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Band2_20MHz_QPSK_18700_100RB#0



Band2_20MHz_QPSK_18900_100RB#0



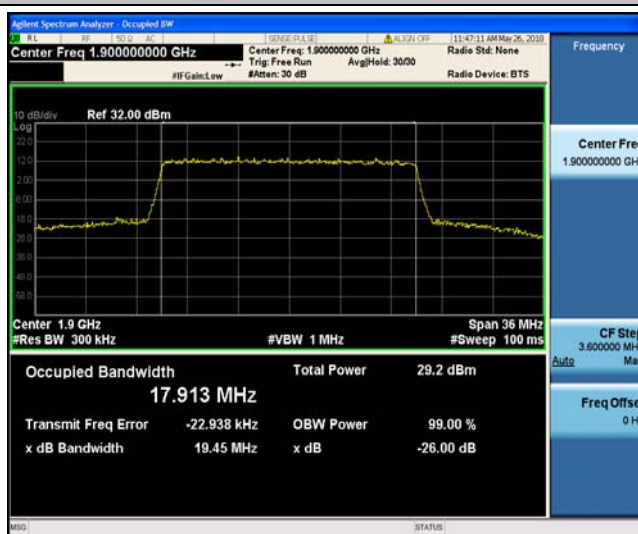
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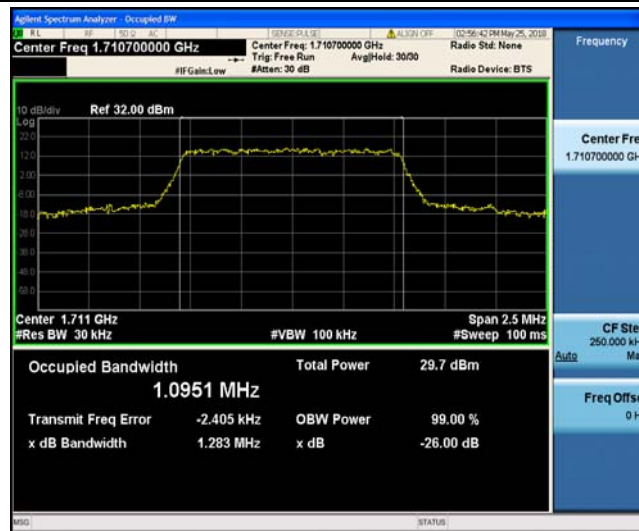
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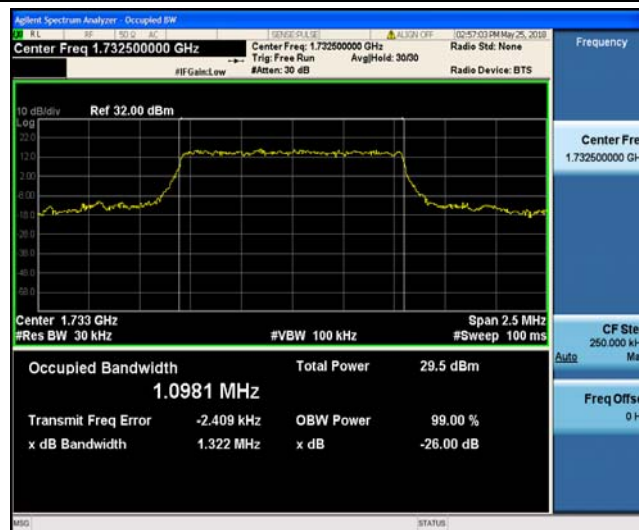
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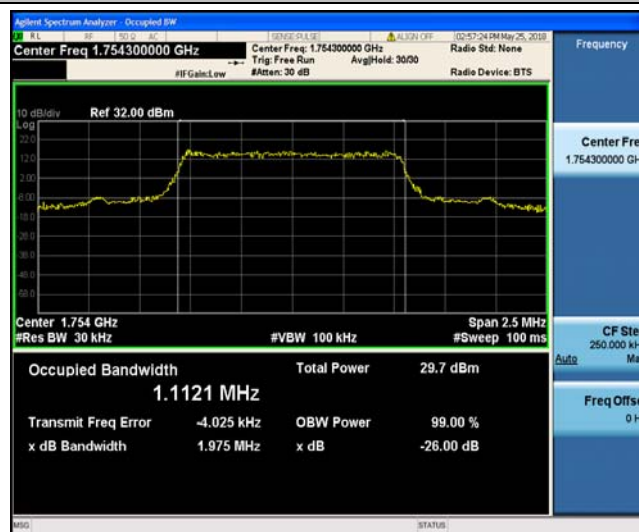
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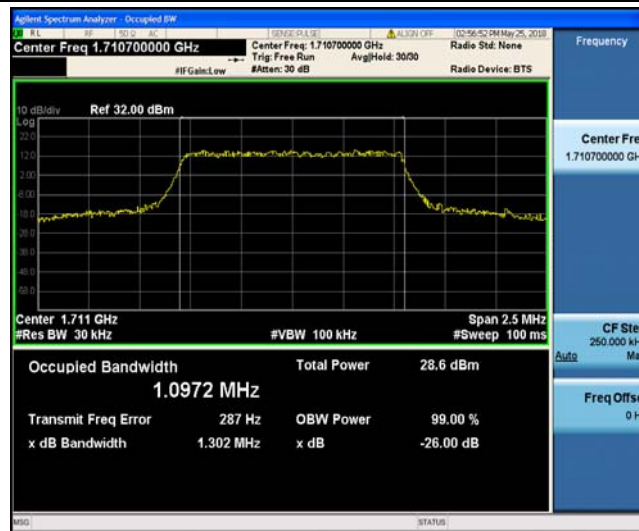
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Band4_1.4MHz_QPSK_20175_6RB#0



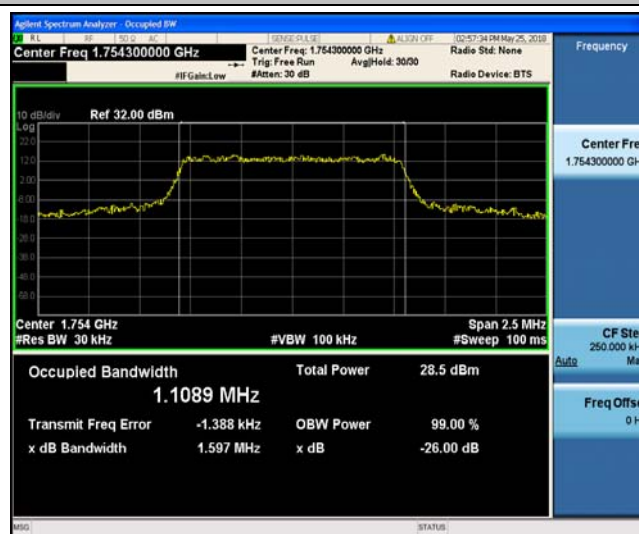
Band4_1.4MHz_QPSK_20393_6RB#0



Band4_1.4MHz_16QAM_19957_6RB#0



Band4_1.4MHz_16QAM_20175_6RB#0



Band4_1.4MHz_16QAM_20393_6RB#0