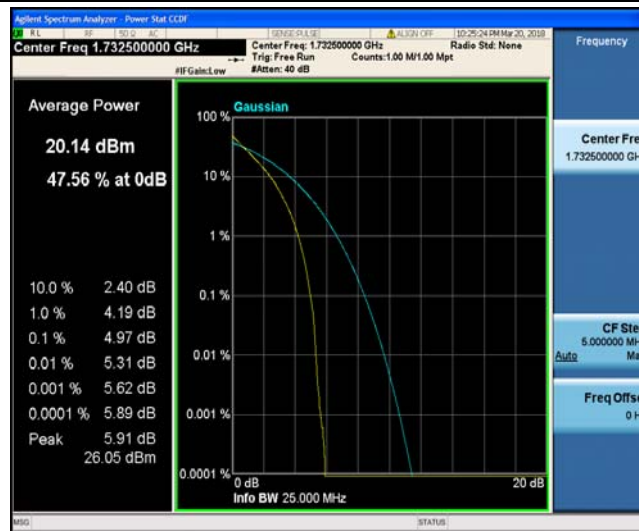
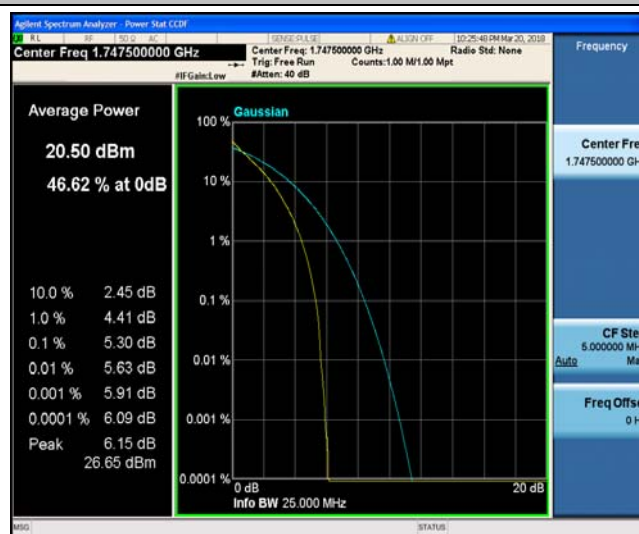




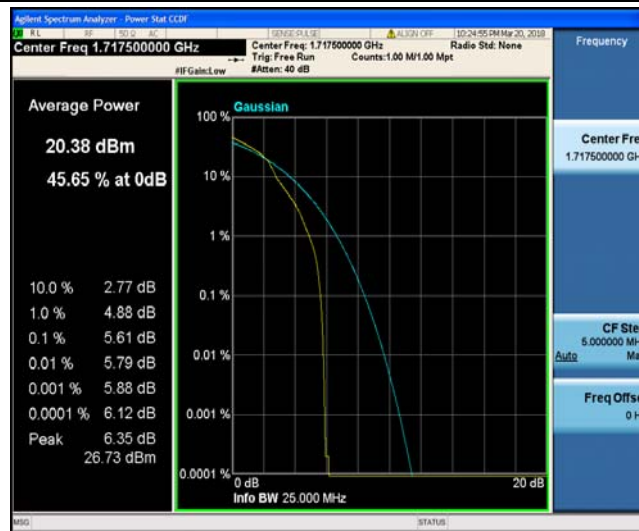
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Band4_15MHz_QPSK_20325_1RB#0



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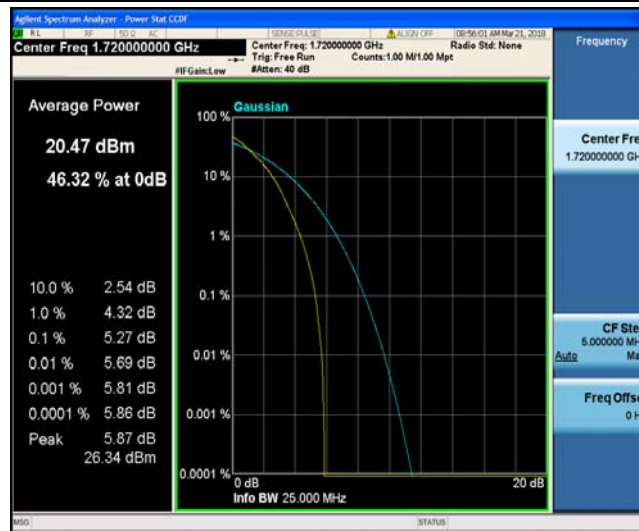
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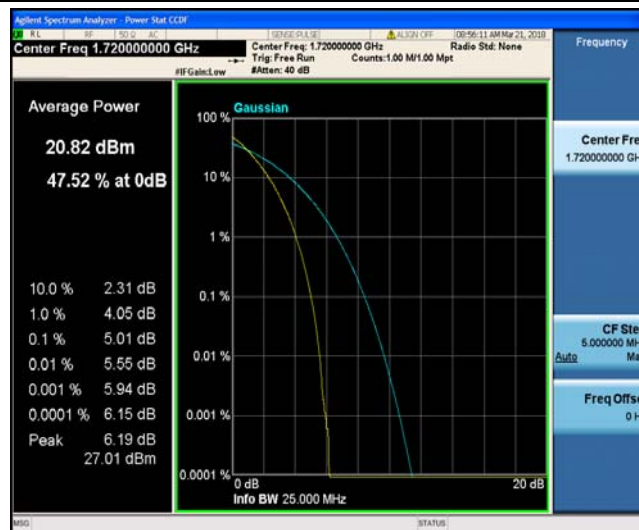
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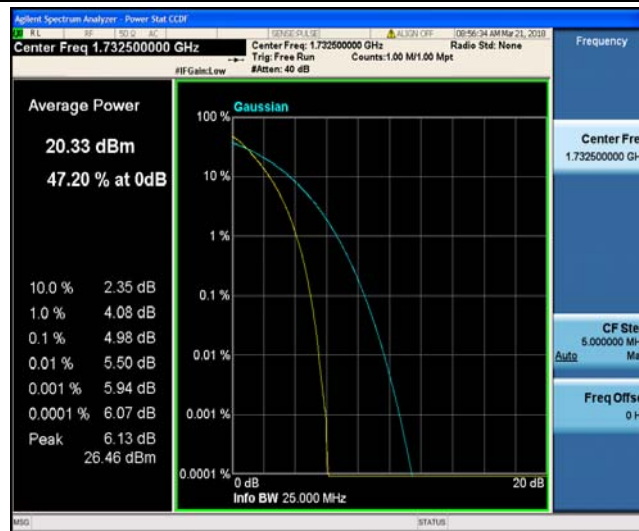
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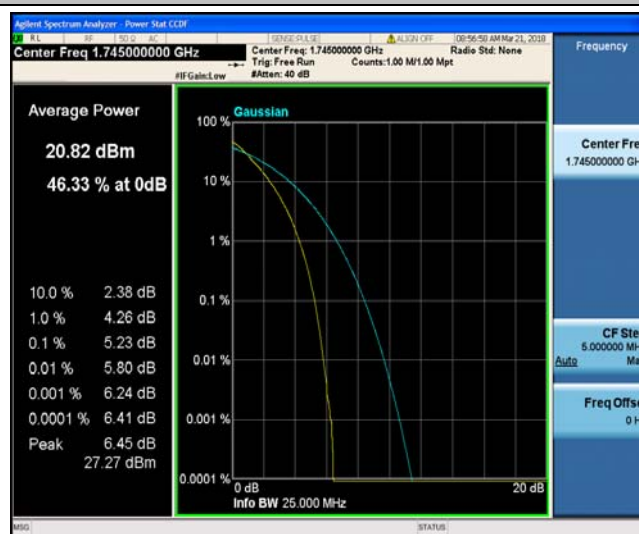
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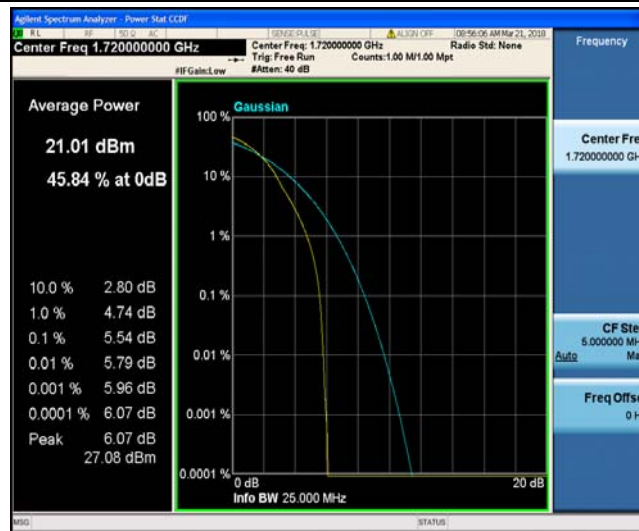
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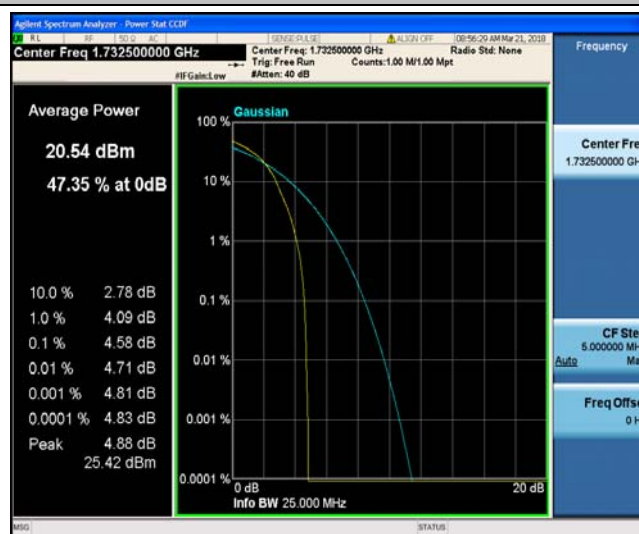
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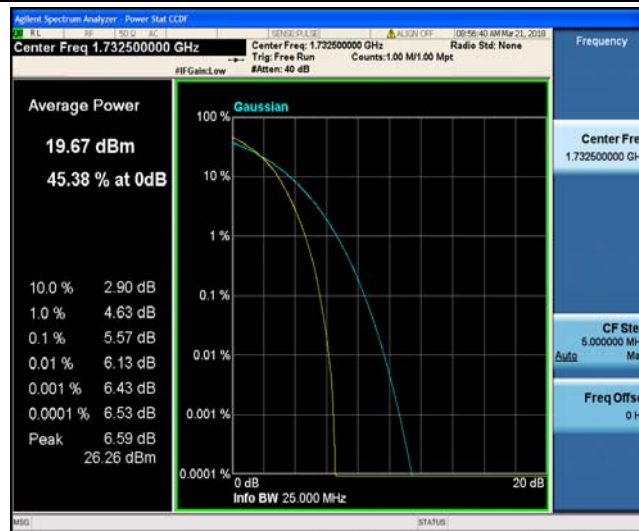
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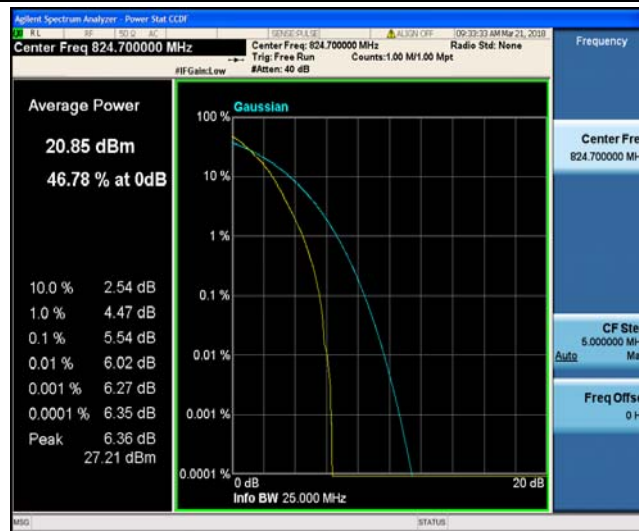
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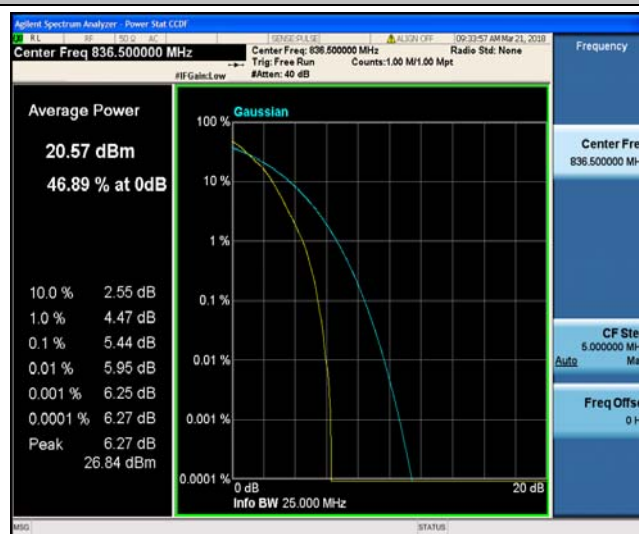
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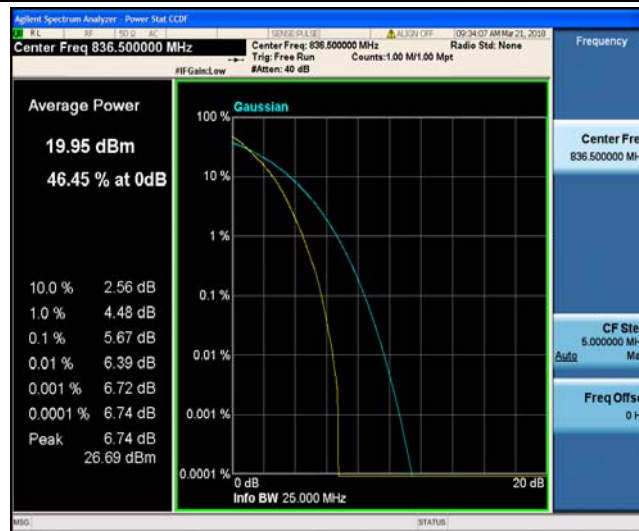
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Band5_1.4MHz_QPSK_20525_1RB#0



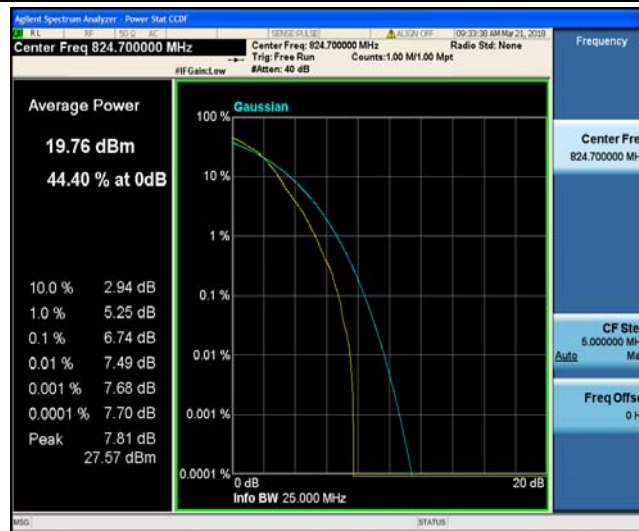
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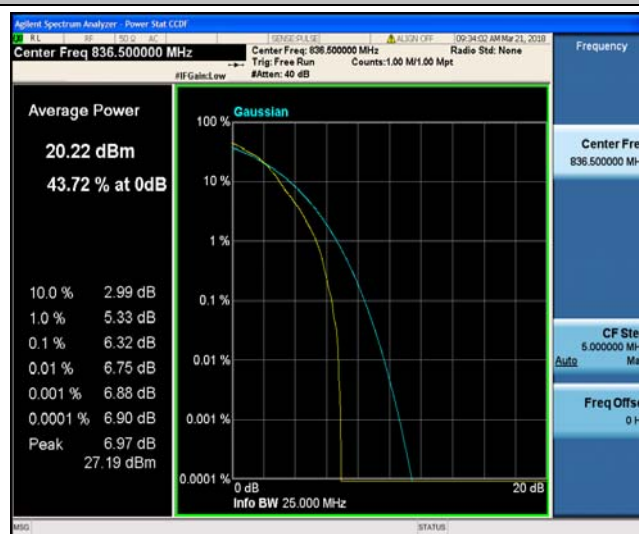
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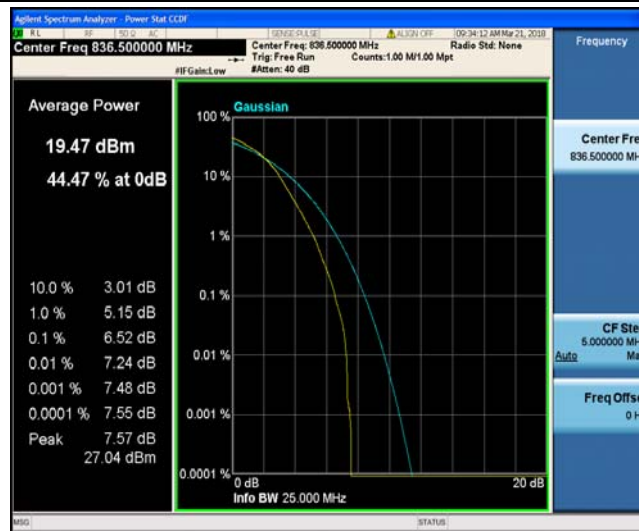
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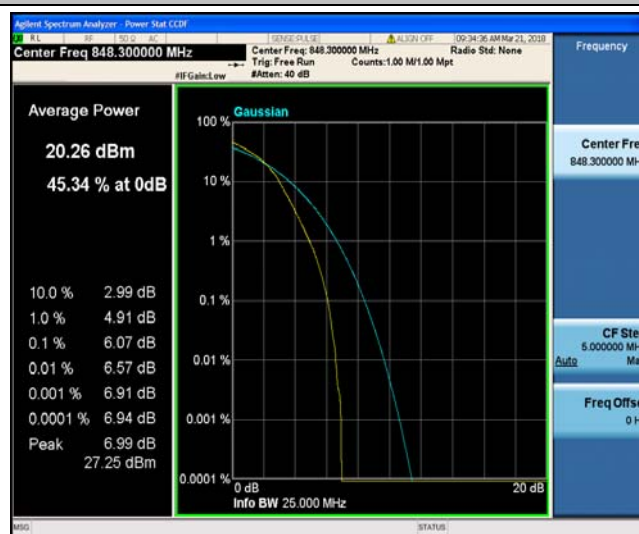
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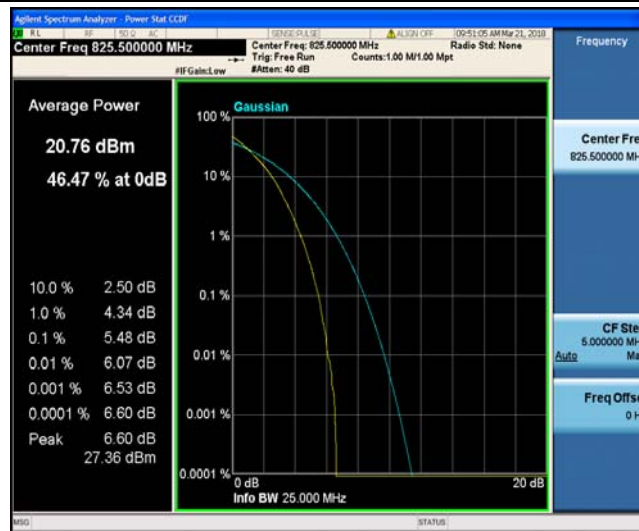
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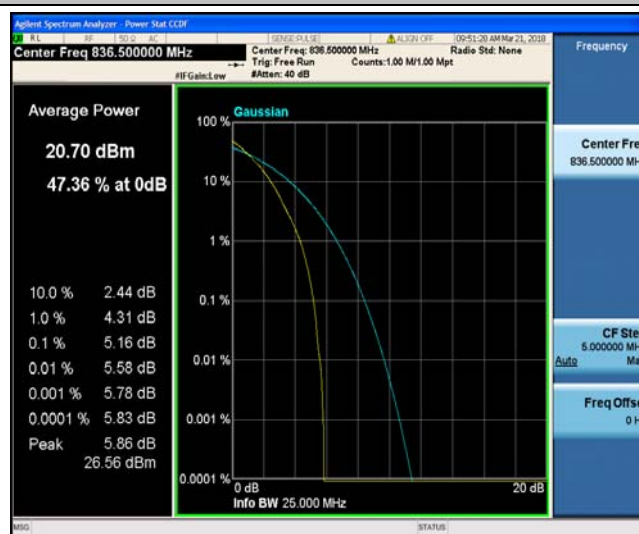
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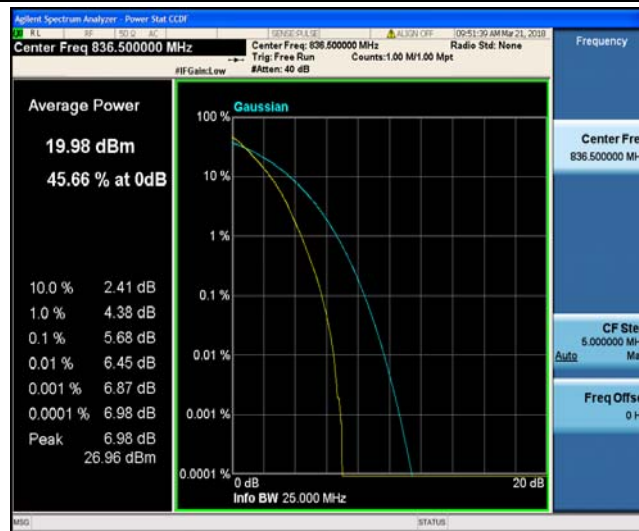
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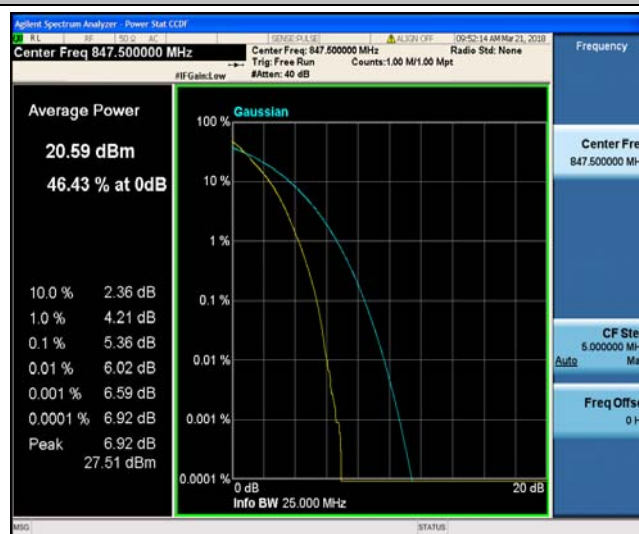
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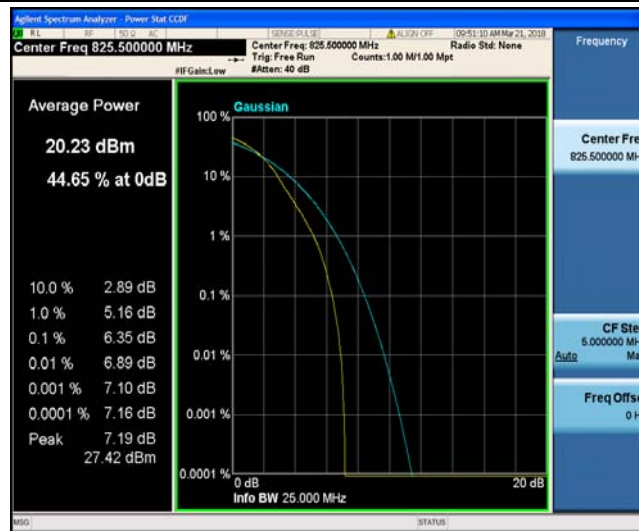
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Band5_3MHz_QPSK_20635_15RB#0



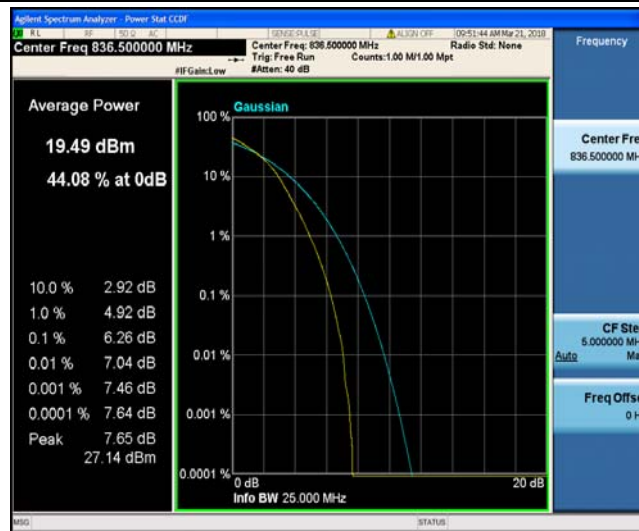
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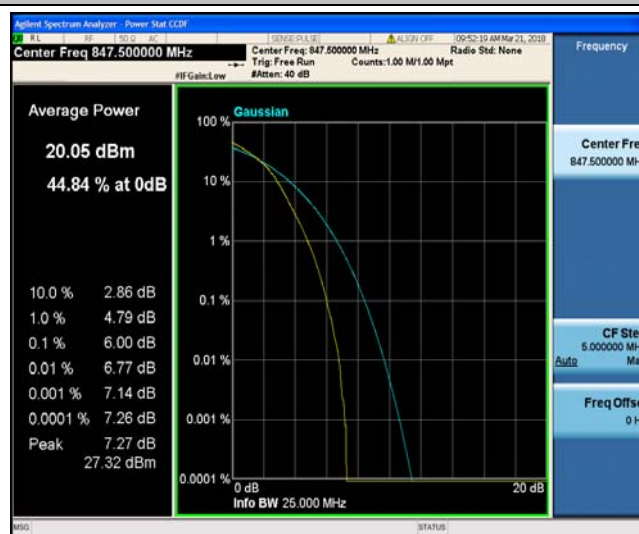
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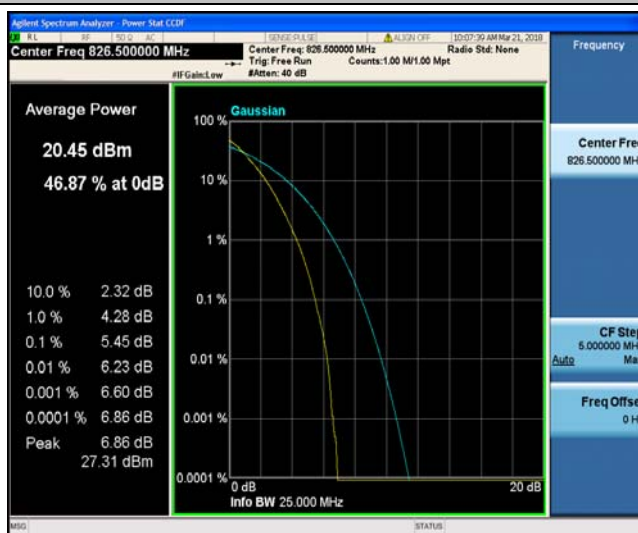
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Band5_3MHz_16QAM_20635_15RB#0



Band5_5MHz_QPSK_20425_1RB#0



Band5_5MHz_QPSK_20425_25RB#0



Band5_5MHz_QPSK_20525_1RB#0



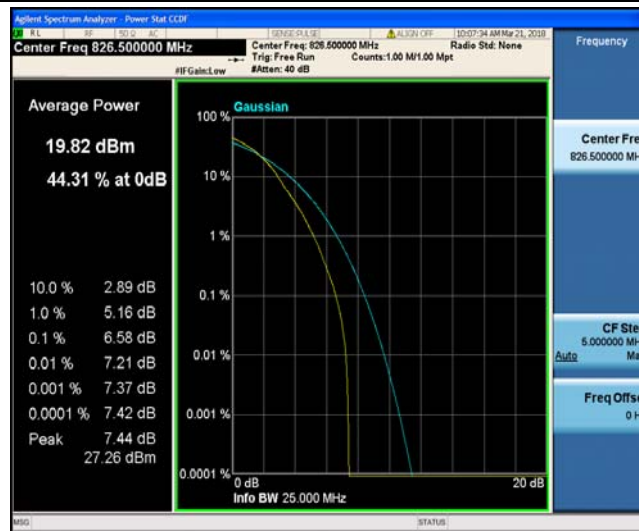
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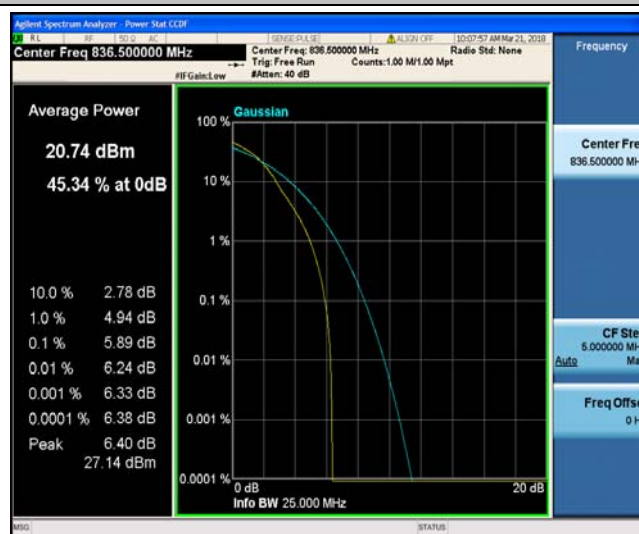
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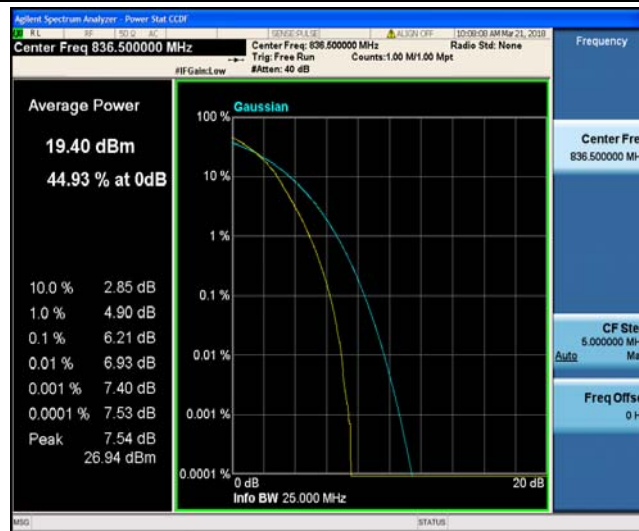
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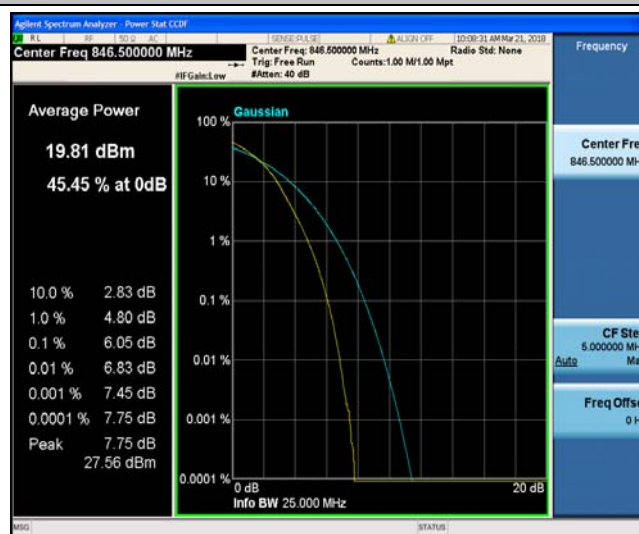
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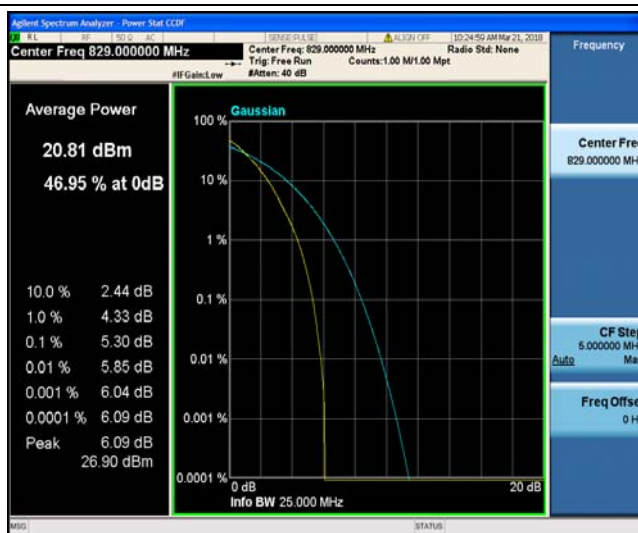
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Band5_5MHz_16QAM_20625_1RB#0



Band5_5MHz_16QAM_20625_25RB#0



Band5_10MHz_QPSK_20450_1RB#0



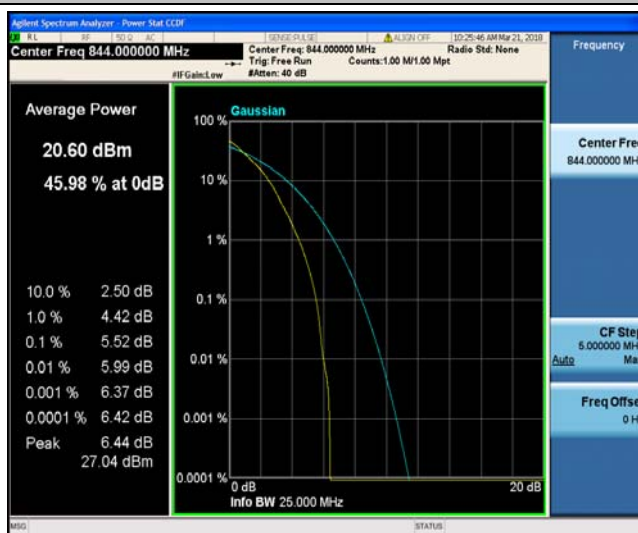
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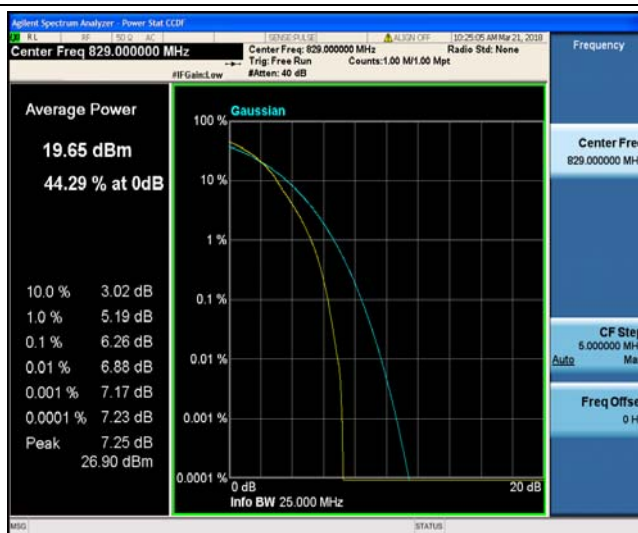
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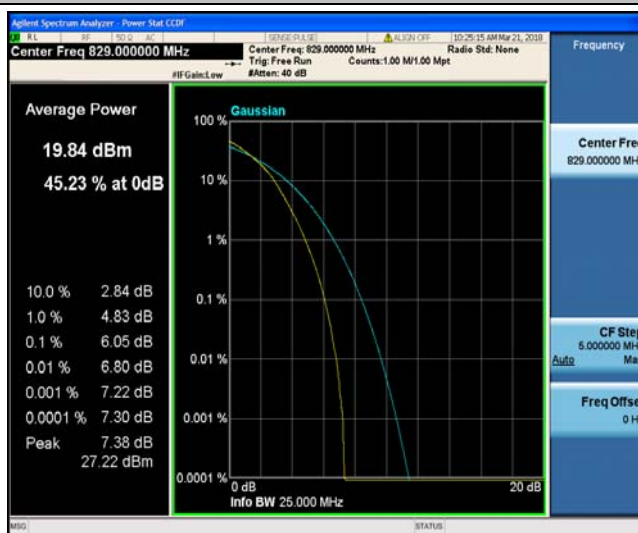
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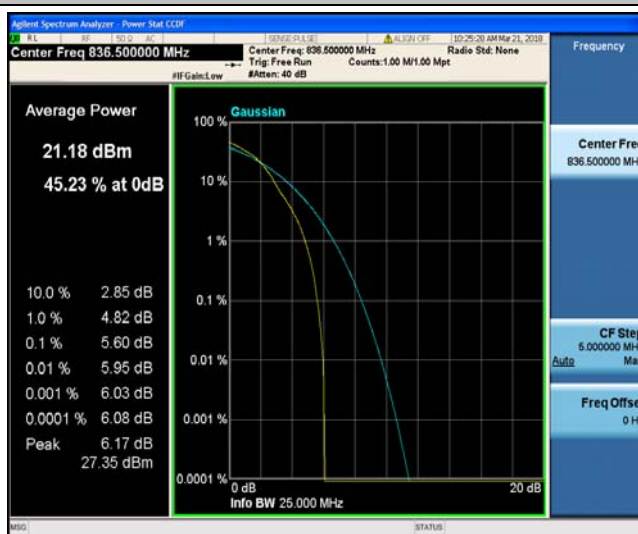
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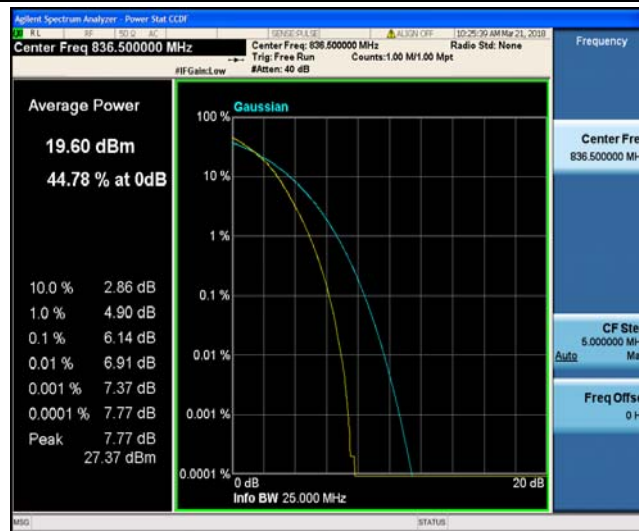
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Band5_10MHz_16QAM_20450_50RB#0



Band5_10MHz_16QAM_20525_1RB#0



Band5_10MHz_16QAM_20525_50RB#0



Band5_10MHz_16QAM_20600_1RB#0



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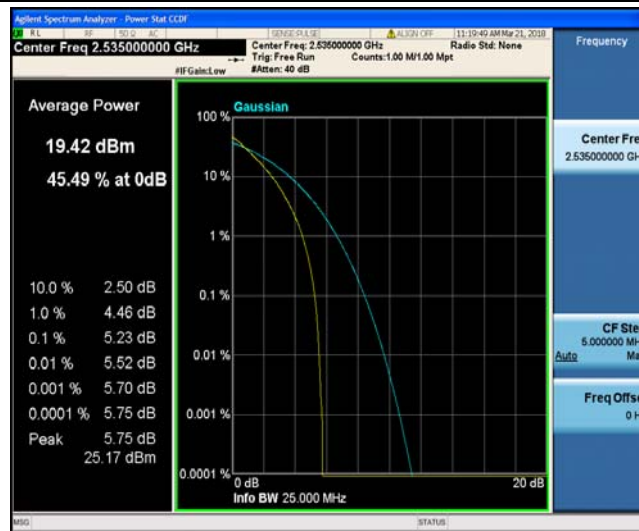
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Band7_5MHz_QPSK_21100_1RB#0



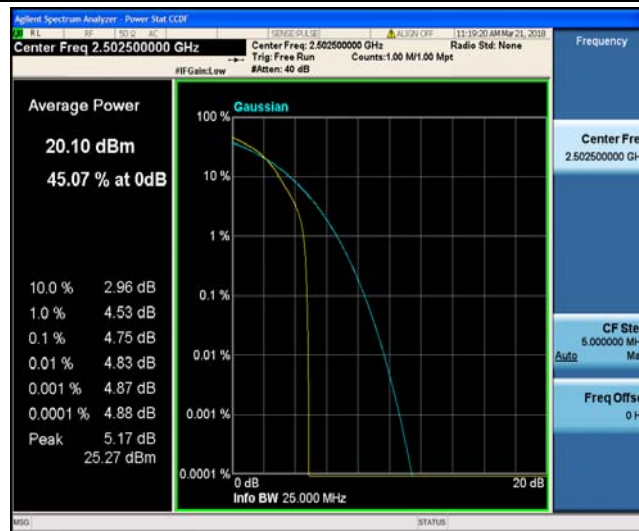
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Band7_5MHz_QPSK_21425_25RB#0



Band7_5MHz_16QAM_20775_1RB#0



Band7_5MHz_16QAM_20775_25RB#0



Band7_5MHz_16QAM_21100_1RB#0



Band7_5MHz_16QAM_21100_25RB#0



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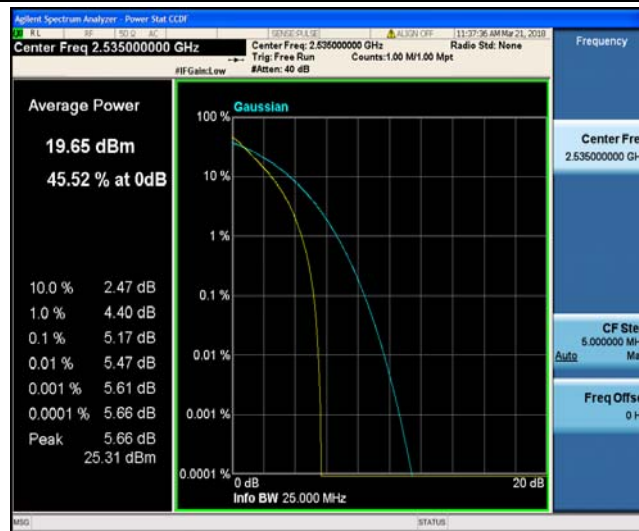
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Band7_10MHz_QPSK_20800_50RB#0



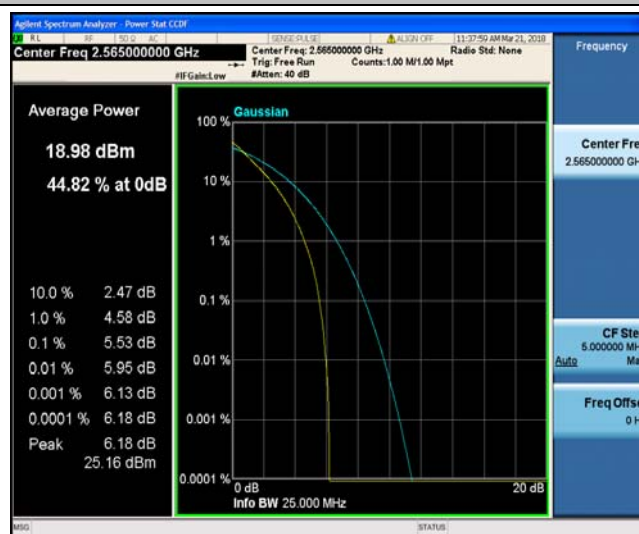
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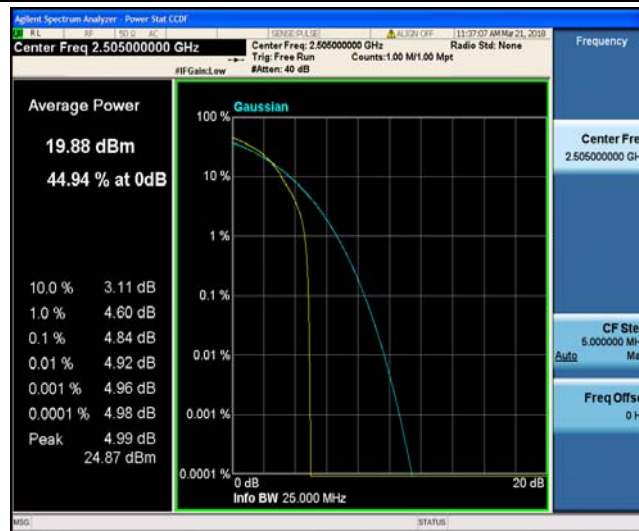
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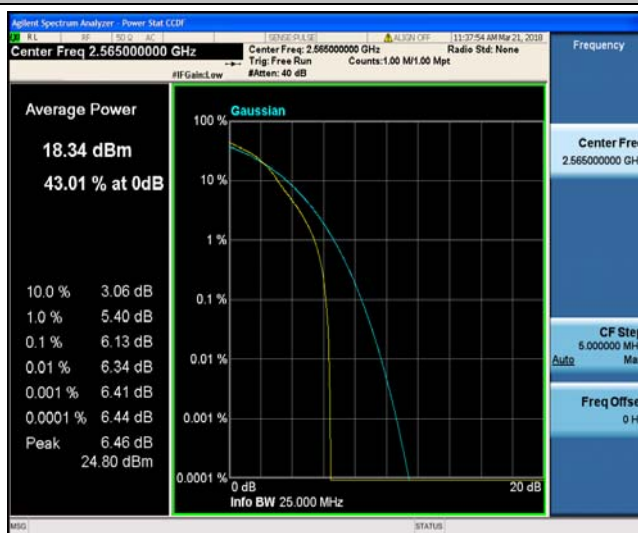
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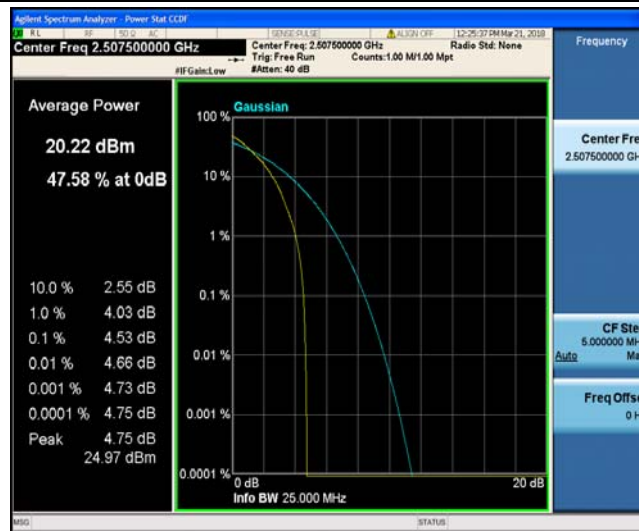
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Band7_10MHz_16QAM_21400_50RB#0



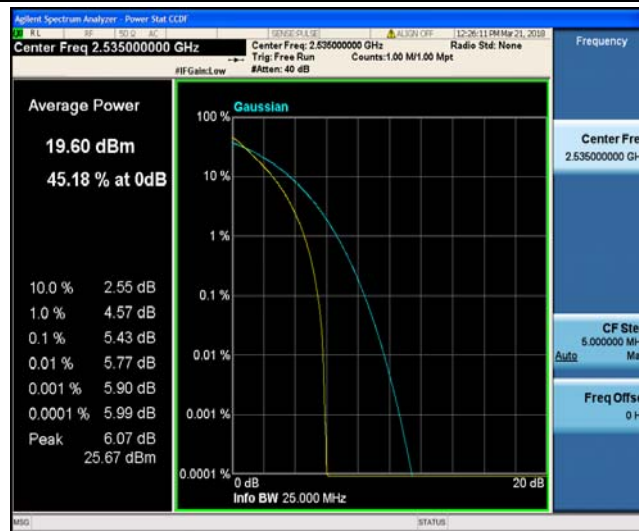
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Band7_15MHz_QPSK_20825_75RB#0



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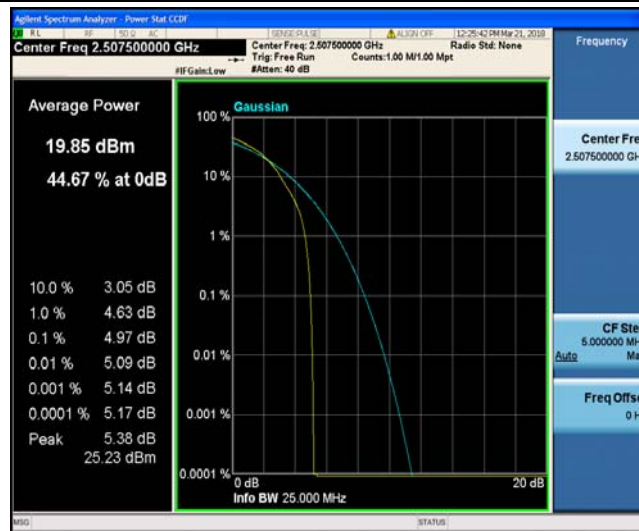
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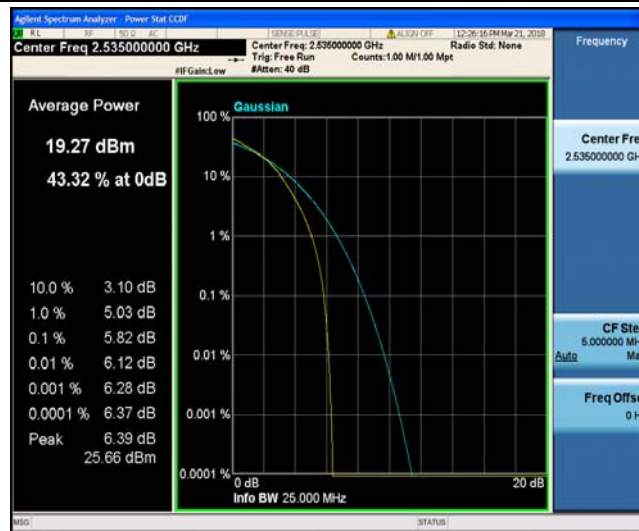
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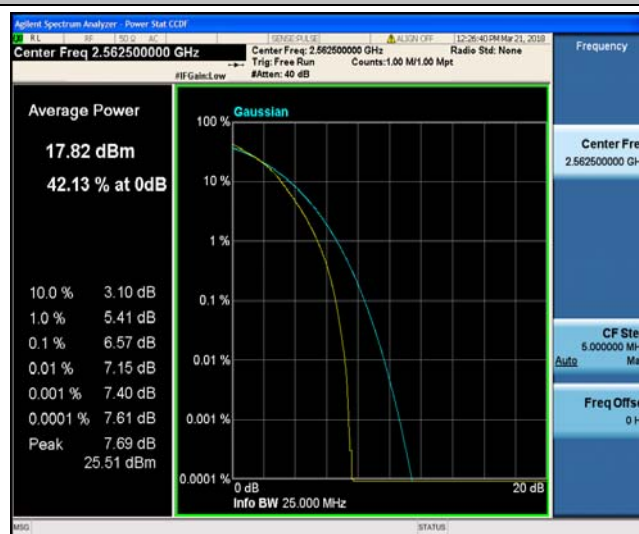
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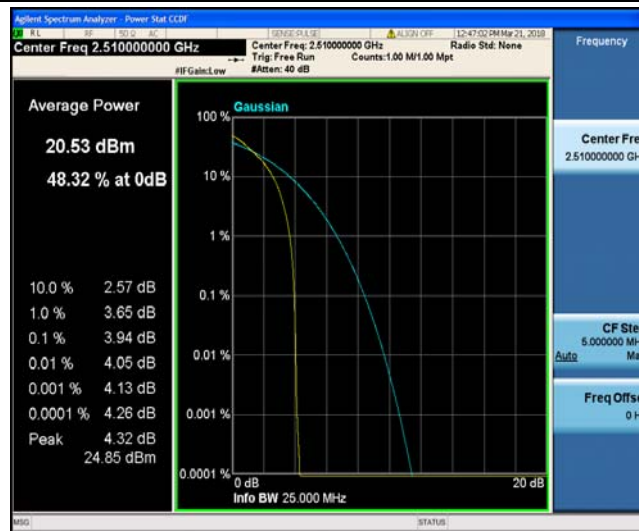
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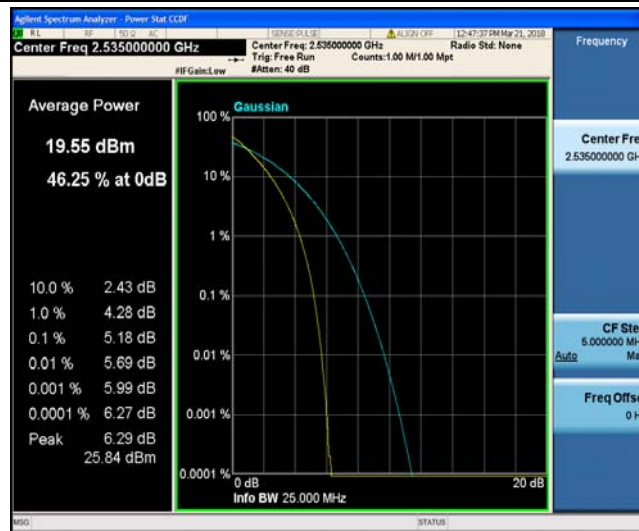
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Band7_20MHz_QPSK_20850_100RB#0



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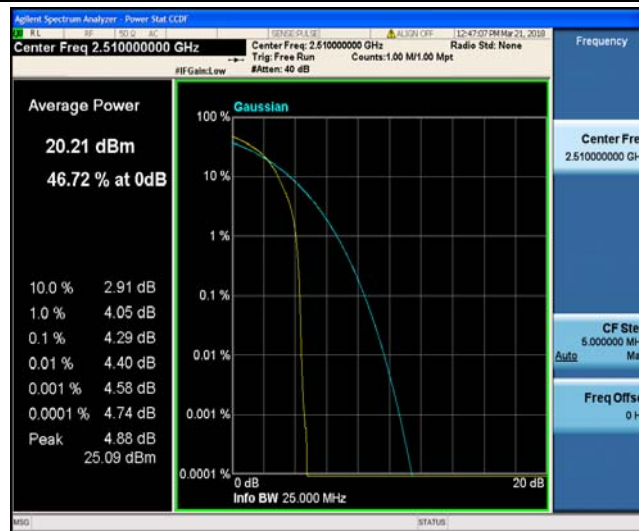
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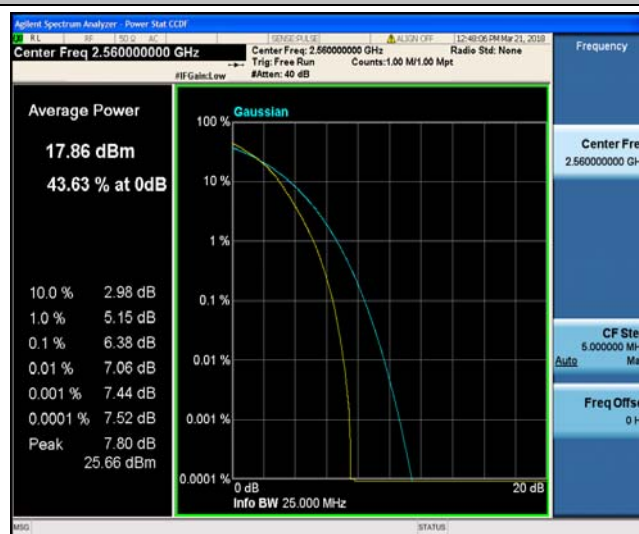
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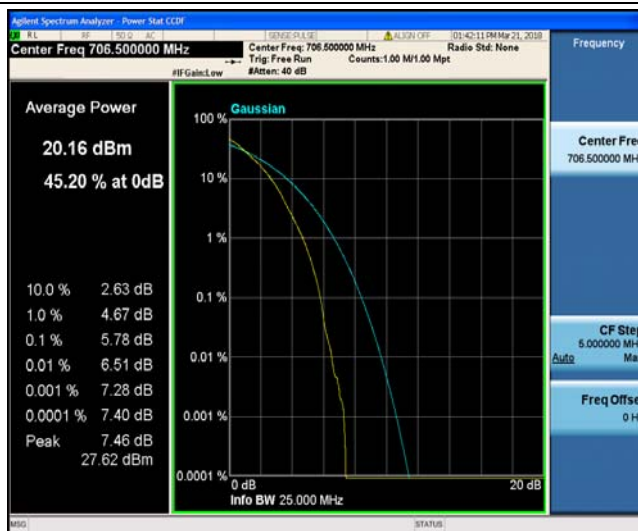
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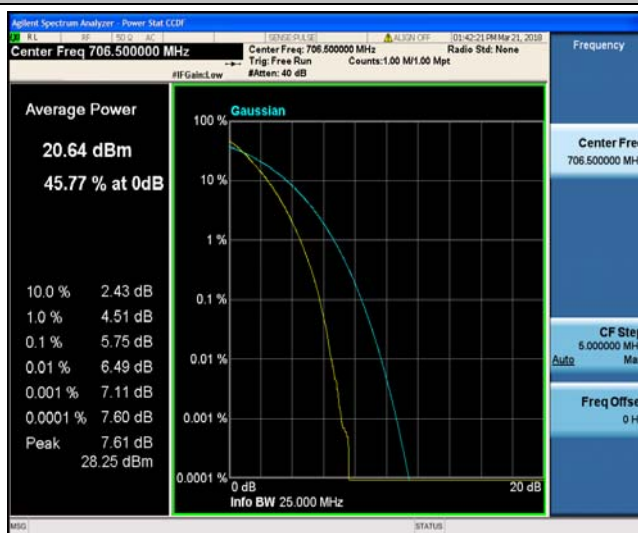
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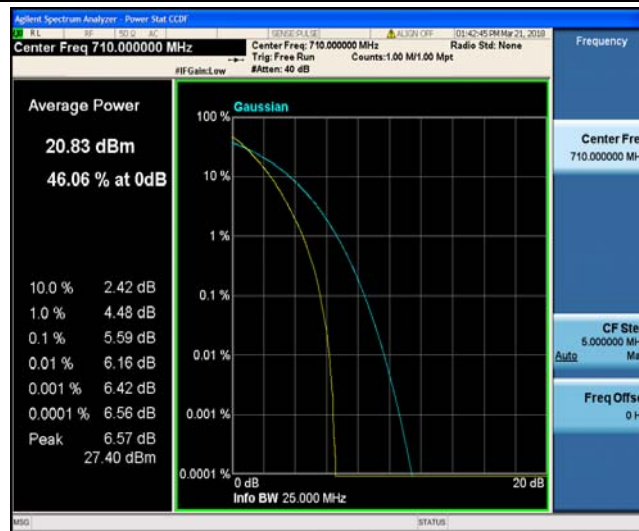
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Band17_5MHz_QPSK_23790_1RB#0



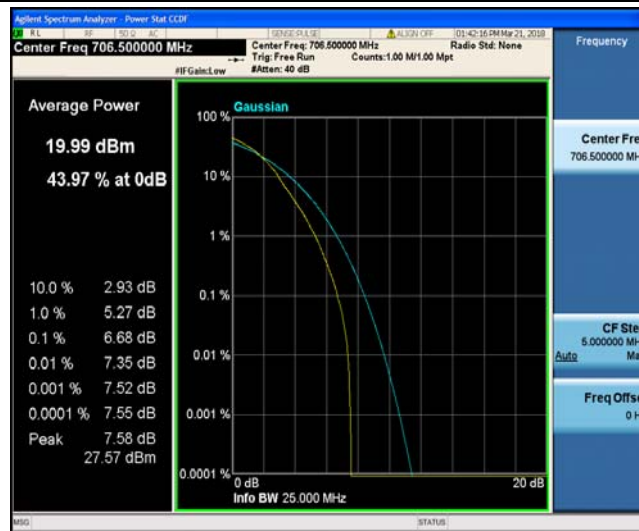
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Band17_5MHz_QPSK_23825_1RB#0



Band17_5MHz_QPSK_23825_25RB#0



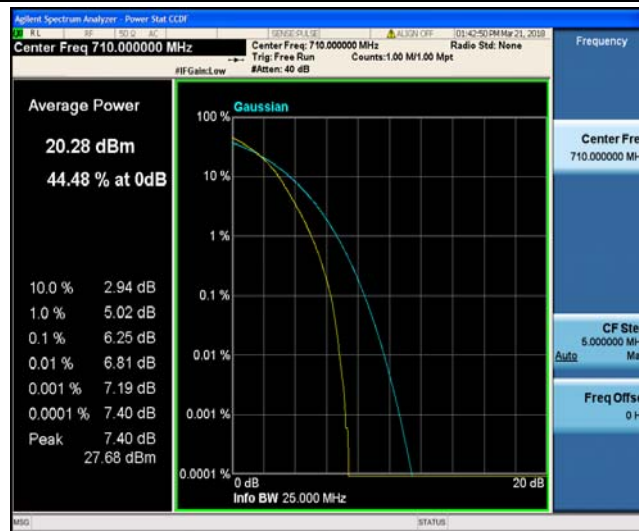
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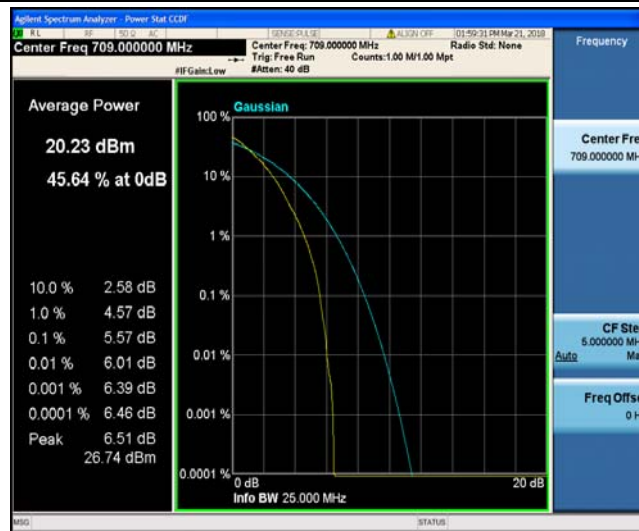
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Band17_5MHz_16QAM_23825_1RB#0



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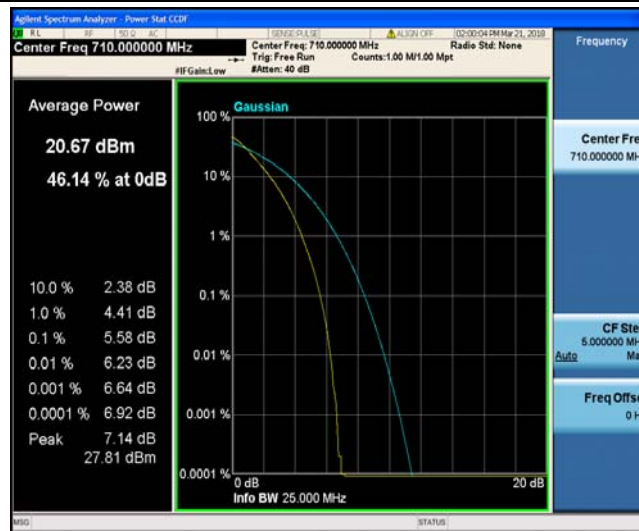
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Band17_10MHz_QPSK_23790_1RB#0



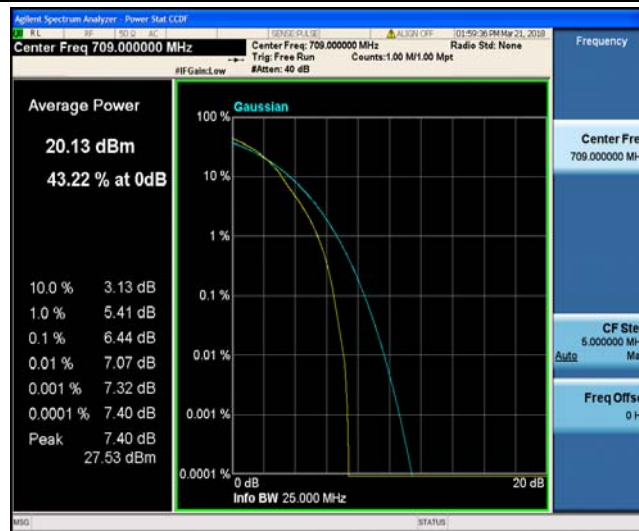
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Band17_10MHz_QPSK_23800_1RB#0



Band17_10MHz_QPSK_23800_50RB#0



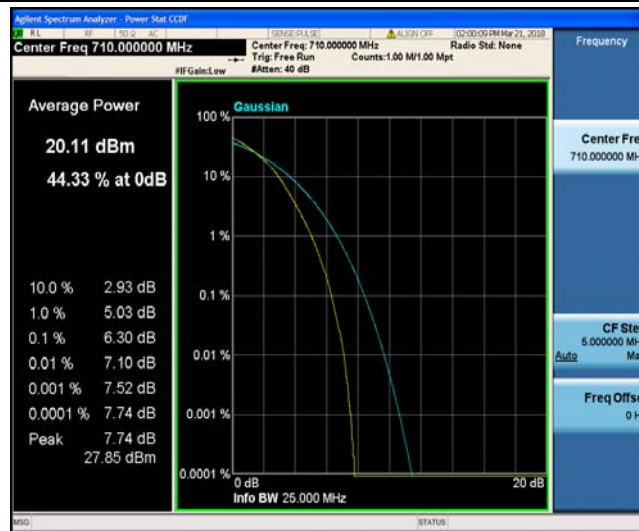
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Band17_10MHz_16QAM_23780_50RB#0



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	1.1085	1.451	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	1.1000	1.415	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1.1129	1.447	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1.1303	1.467	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.1179	1.487	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1.1103	1.524	PASS
Band2	3MHz	QPSK	18615	15RB#0	2.6829	3.048	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.6800	3.052	PASS
Band2	3MHz	QPSK	19185	15RB#0	2.6767	2.993	PASS
Band2	3MHz	16QAM	18615	15RB#0	2.6859	3.129	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.6806	3.037	PASS
Band2	3MHz	16QAM	19185	15RB#0	2.6766	3.072	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.5233	5.363	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.5192	5.251	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.5352	5.332	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.5222	5.232	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.5282	5.402	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.5090	5.212	PASS
Band2	10MHz	QPSK	18650	50RB#0	8.9644	9.952	PASS
Band2	10MHz	QPSK	18900	50RB#0	8.9531	9.738	PASS
Band2	10MHz	QPSK	19150	50RB#0	8.9283	9.973	PASS
Band2	10MHz	16QAM	18650	50RB#0	8.9724	9.984	PASS
Band2	10MHz	16QAM	18900	50RB#0	8.9424	9.940	PASS
Band2	10MHz	16QAM	19150	50RB#0	8.9295	9.906	PASS
Band2	15MHz	QPSK	18675	75RB#0	13.522	15.20	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.492	15.62	PASS
Band2	15MHz	QPSK	19125	75RB#0	13.489	14.83	PASS
Band2	15MHz	16QAM	18675	75RB#0	13.499	15.12	PASS
Band2	15MHz	16QAM	18900	75RB#0	13.457	14.96	PASS
Band2	15MHz	16QAM	19125	75RB#0	13.463	15.08	PASS
Band2	20MHz	QPSK	18700	100RB#0	18.024	20.44	PASS
Band2	20MHz	QPSK	18900	100RB#0	17.938	19.74	PASS
Band2	20MHz	QPSK	19100	100RB#0	17.963	19.69	PASS
Band2	20MHz	16QAM	18700	100RB#0	18.008	20.16	PASS
Band2	20MHz	16QAM	18900	100RB#0	17.905	19.86	PASS
Band2	20MHz	16QAM	19100	100RB#0	17.966	19.72	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	1.1006	1.415	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.1113	1.455	PASS



Band4	1.4MHz	QPSK	20393	6RB#0	1.1092	1.428	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.1164	1.485	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.1156	1.538	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.1263	1.458	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.6791	3.026	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.6846	3.038	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.6839	3.075	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.6850	3.095	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.6810	3.180	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.6803	3.053	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.5185	5.373	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.5240	5.253	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.5426	5.381	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.5199	5.214	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.5325	5.622	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.5177	5.212	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.9598	9.965	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.9530	9.761	PASS
Band4	10MHz	QPSK	20350	50RB#0	8.9542	9.841	PASS
Band4	10MHz	16QAM	20000	50RB#0	8.9644	10.10	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.9533	10.08	PASS
Band4	10MHz	16QAM	20350	50RB#0	8.9614	9.948	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.526	15.23	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.501	15.43	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.516	15.11	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.471	15.03	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.501	15.09	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.513	15.16	PASS
Band4	20MHz	QPSK	20050	100RB#0	17.915	19.54	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.931	19.91	PASS
Band4	20MHz	QPSK	20300	100RB#0	17.970	19.76	PASS
Band4	20MHz	16QAM	20050	100RB#0	17.927	19.66	PASS
Band4	20MHz	16QAM	20175	100RB#0	17.921	19.70	PASS
Band4	20MHz	16QAM	20300	100RB#0	17.939	19.86	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	1.0967	1.410	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.1100	1.436	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.1086	1.444	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.1157	1.467	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.1081	1.491	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.1171	1.472	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.6818	2.961	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.6813	3.002	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.6801	3.018	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.6819	3.158	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.6809	3.073	PASS



Band5	3MHz	16QAM	20635	15RB#0	2.6829	3.129	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.5151	5.362	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.5214	5.249	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.5450	5.389	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.5122	5.137	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.5371	5.546	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.5156	5.204	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.9374	9.673	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.9644	9.748	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.9644	9.983	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.9528	9.971	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.9629	9.903	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.9647	10.02	PASS
Band7	5MHz	QPSK	20775	25RB#0	4.5158	5.360	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.5226	5.297	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.5439	5.411	PASS
Band7	5MHz	16QAM	20775	25RB#0	4.5174	5.142	PASS
Band7	5MHz	16QAM	21100	25RB#0	4.5295	5.408	PASS
Band7	5MHz	16QAM	21425	25RB#0	4.5162	5.222	PASS
Band7	10MHz	QPSK	20800	50RB#0	8.9514	9.832	PASS
Band7	10MHz	QPSK	21100	50RB#0	8.9592	9.740	PASS
Band7	10MHz	QPSK	21400	50RB#0	8.9681	9.889	PASS
Band7	10MHz	16QAM	20800	50RB#0	8.9628	10.09	PASS
Band7	10MHz	16QAM	21100	50RB#0	8.9578	9.921	PASS
Band7	10MHz	16QAM	21400	50RB#0	8.9656	9.957	PASS
Band7	15MHz	QPSK	20825	75RB#0	13.498	14.96	PASS
Band7	15MHz	QPSK	21100	75RB#0	13.514	15.44	PASS
Band7	15MHz	QPSK	21375	75RB#0	13.489	14.97	PASS
Band7	15MHz	16QAM	20825	75RB#0	13.464	15.10	PASS
Band7	15MHz	16QAM	21100	75RB#0	13.506	14.99	PASS
Band7	15MHz	16QAM	21375	75RB#0	13.511	15.15	PASS
Band7	20MHz	QPSK	20850	100RB#0	17.951	19.55	PASS
Band7	20MHz	QPSK	21100	100RB#0	17.931	20.19	PASS
Band7	20MHz	QPSK	21350	100RB#0	17.951	19.77	PASS
Band7	20MHz	16QAM	20850	100RB#0	17.937	19.61	PASS
Band7	20MHz	16QAM	21100	100RB#0	17.917	19.90	PASS
Band7	20MHz	16QAM	21350	100RB#0	17.958	19.85	PASS
Band17	5MHz	QPSK	23755	25RB#0	4.5364	5.352	PASS
Band17	5MHz	QPSK	23790	25RB#0	4.5129	5.259	PASS
Band17	5MHz	QPSK	23825	25RB#0	4.5232	5.242	PASS
Band17	5MHz	16QAM	23755	25RB#0	4.5145	5.155	PASS
Band17	5MHz	16QAM	23790	25RB#0	4.5099	5.106	PASS
Band17	5MHz	16QAM	23825	25RB#0	4.5402	5.518	PASS
Band17	10MHz	QPSK	23780	50RB#0	8.9251	9.677	PASS
Band17	10MHz	QPSK	23790	50RB#0	8.9380	9.628	PASS



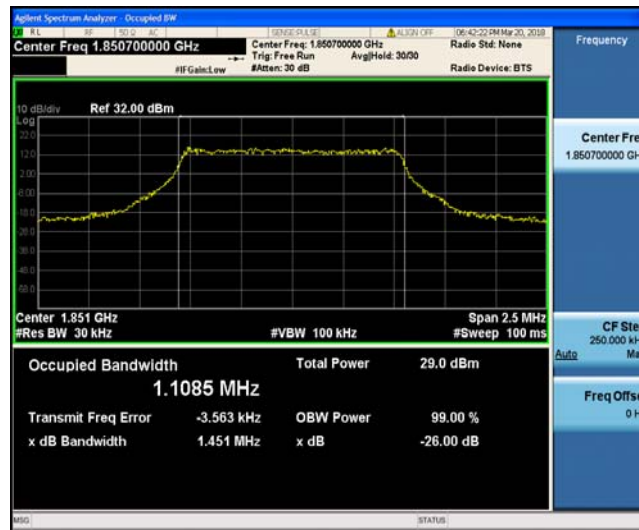
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Band17	10MHz	QPSK	23800	50RB#0	8.9287	9.735	PASS
Band17	10MHz	16QAM	23780	50RB#0	8.9338	9.752	PASS
Band17	10MHz	16QAM	23790	50RB#0	8.9298	9.655	PASS
Band17	10MHz	16QAM	23800	50RB#0	8.9424	9.965	PASS



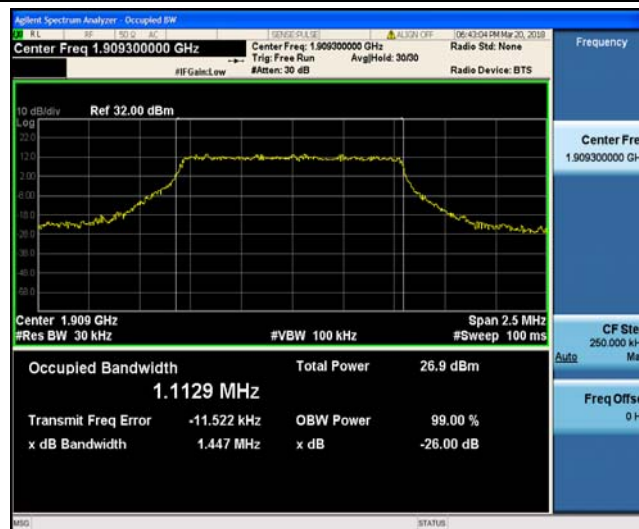
Test Graphs



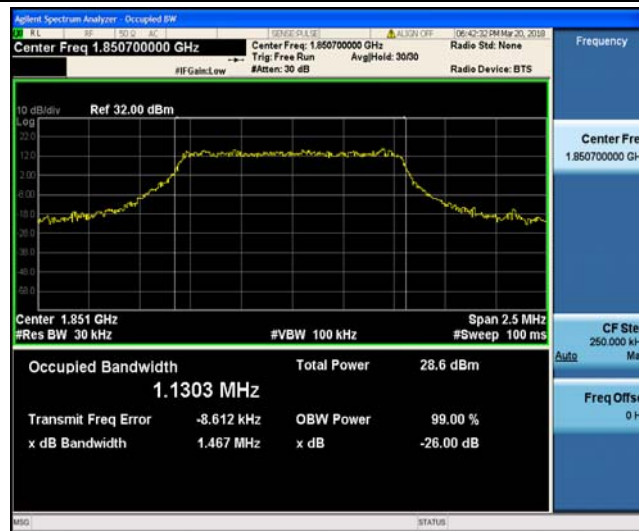
Band2_1.4MHz_QPSK_18607_6RB#0



Band2_1.4MHz_QPSK_18900_6RB#0



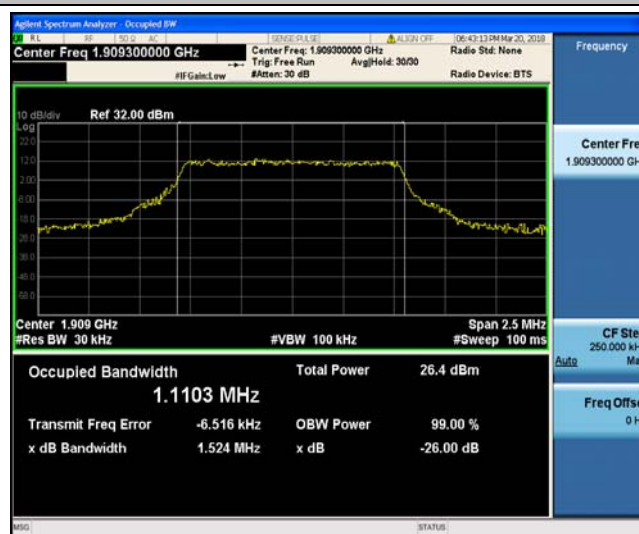
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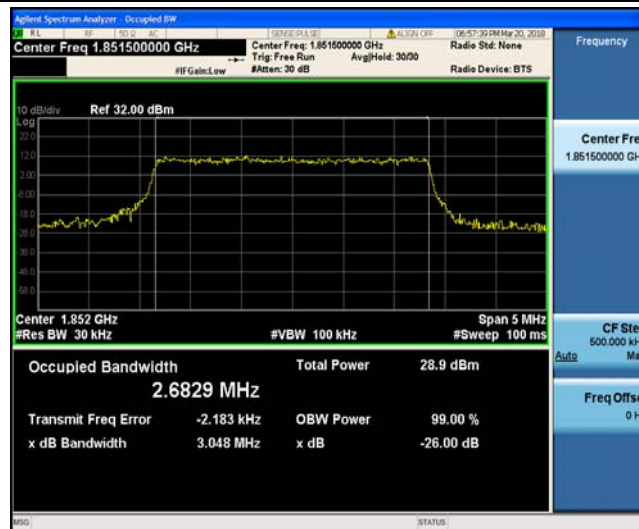
Band2_1.4MHz_16QAM_18607_6RB#0



Band2_1.4MHz_16QAM_18900_6RB#0



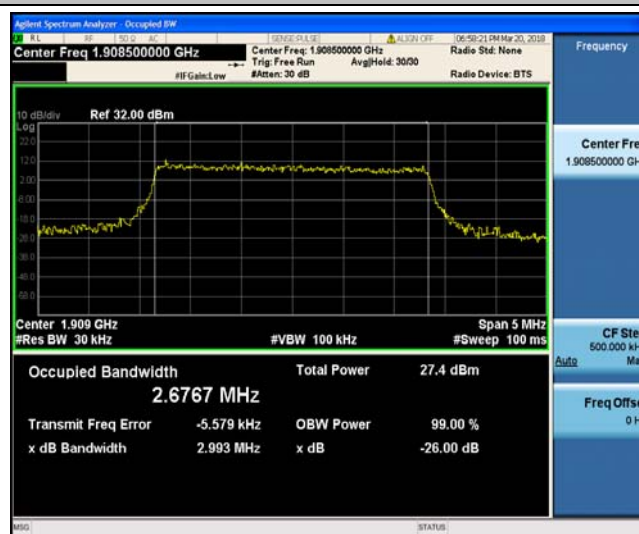
Band2_1.4MHz_16QAM_19193_6RB#0



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