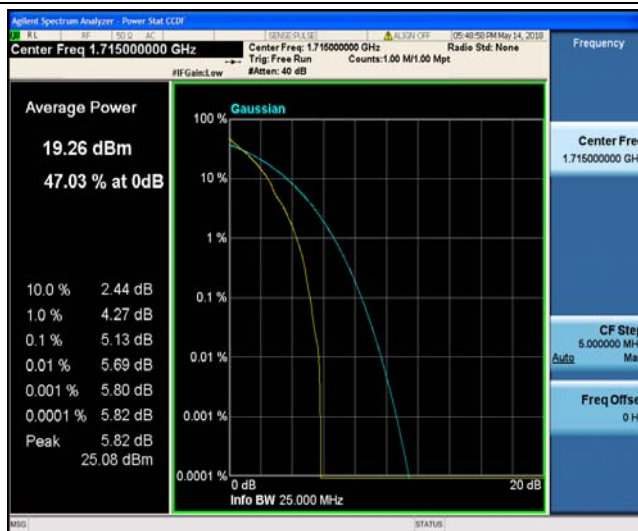




Band4_10MHz_QPSK_20000_1RB#0



Band4_10MHz_QPSK_20000_50RB#0



Band4_10MHz_QPSK_20175_1RB#0



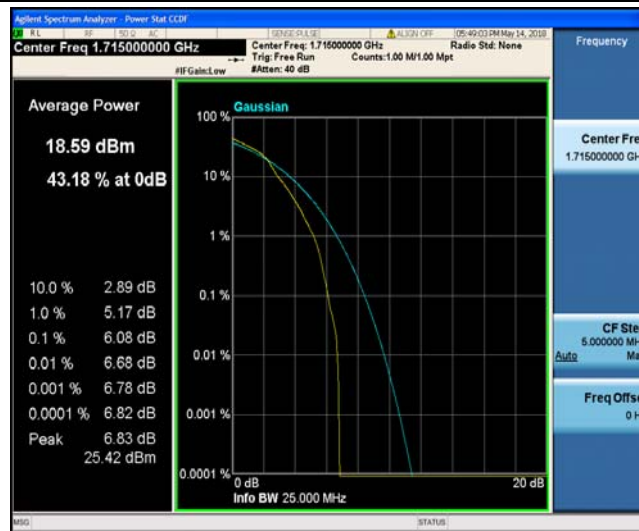
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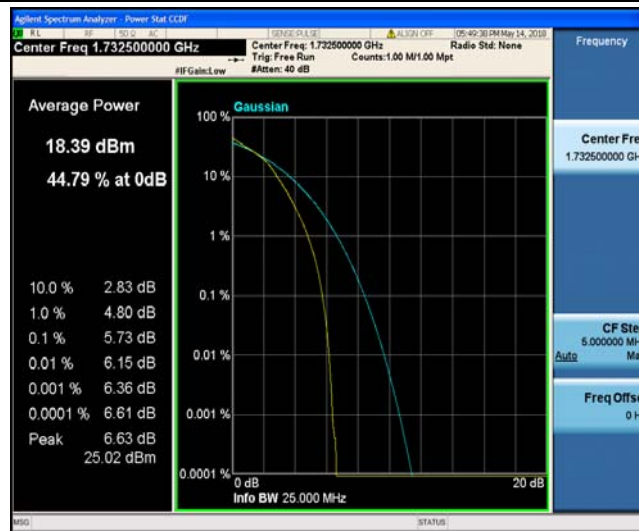
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Band4_10MHz_16QAM_20000_50RB#0



Band4_10MHz_16QAM_20175_1RB#0



Band4_10MHz_16QAM_20175_50RB#0



Band4_10MHz_16QAM_20350_1RB#0



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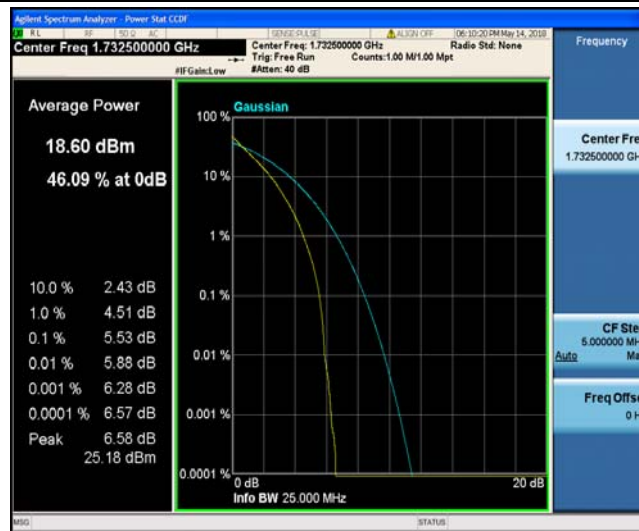
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Band4_15MHz_QPSK_20025_75RB#0



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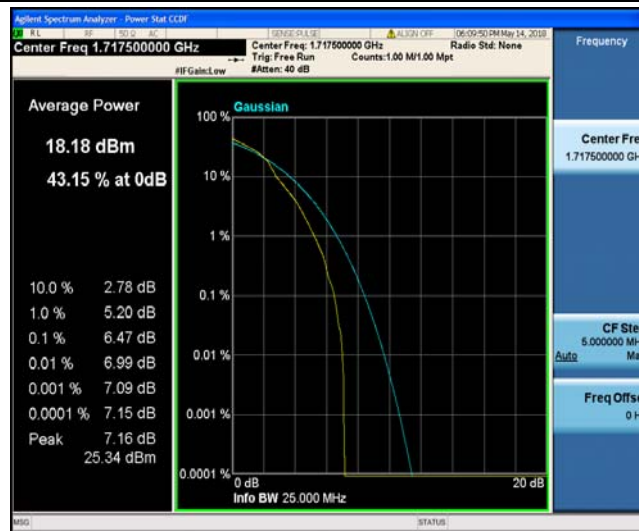
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Band4_15MHz_16QAM_20025_75RB#0



Band4_15MHz_16QAM_20175_1RB#0



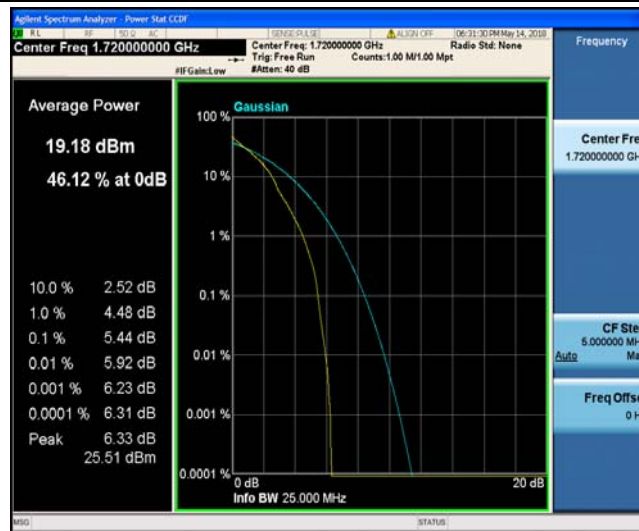
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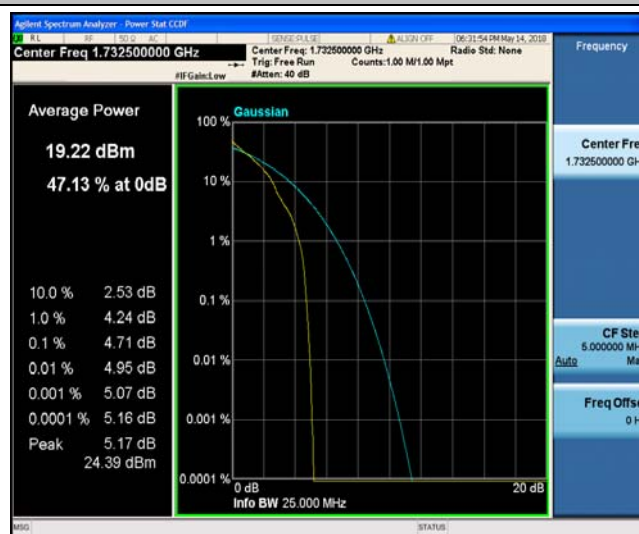
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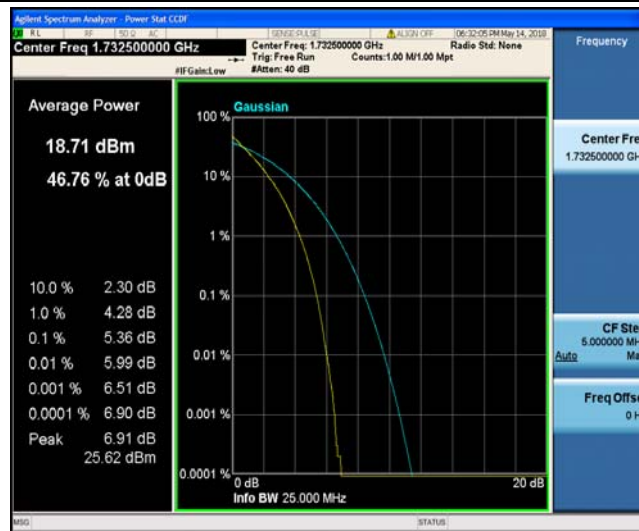
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Band4_20MHz_QPSK_20050_100RB#0



Band4_20MHz_QPSK_20175_1RB#0



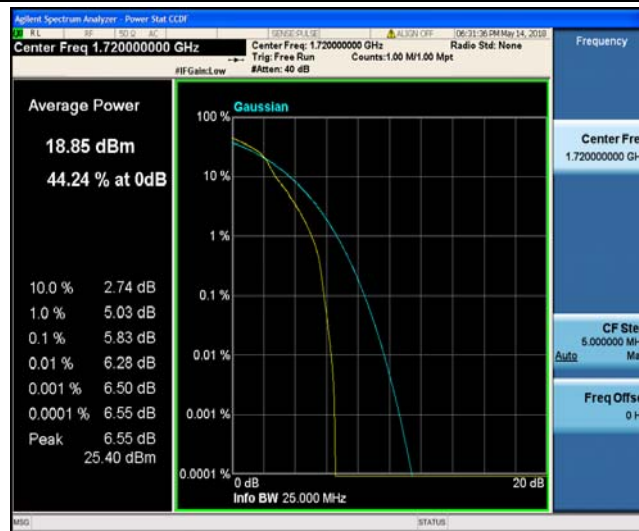
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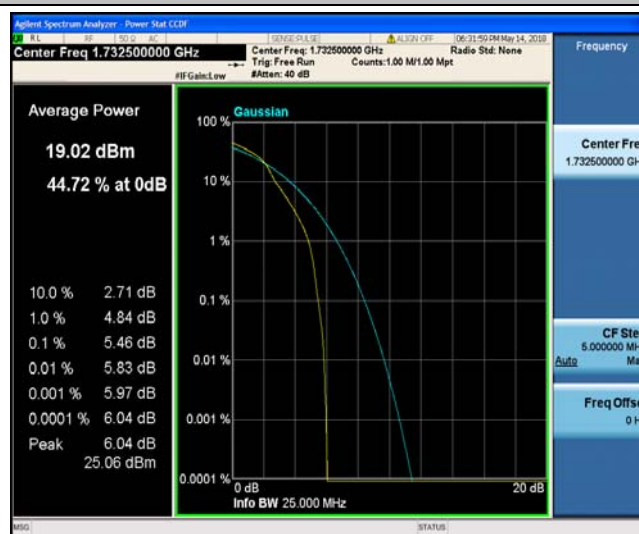
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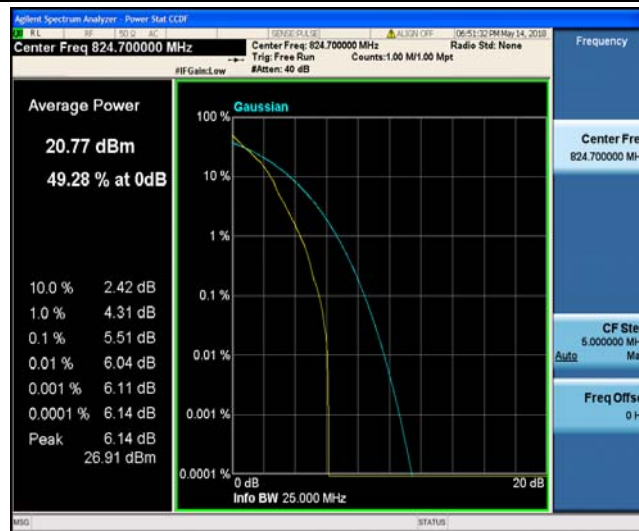
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Band4_20MHz_16QAM_20300_1RB#0



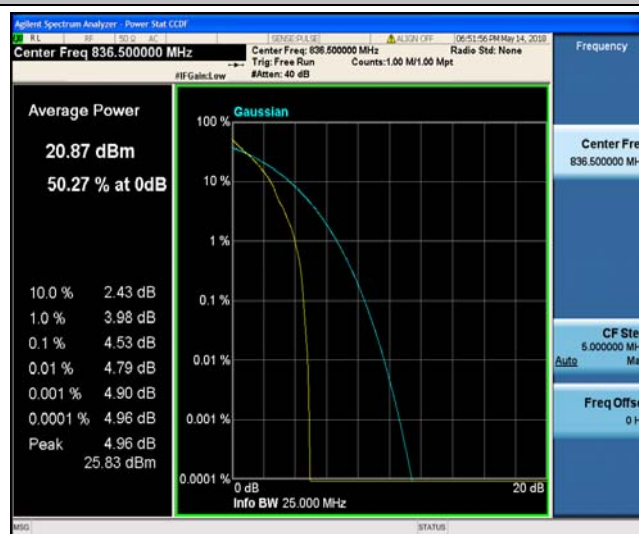
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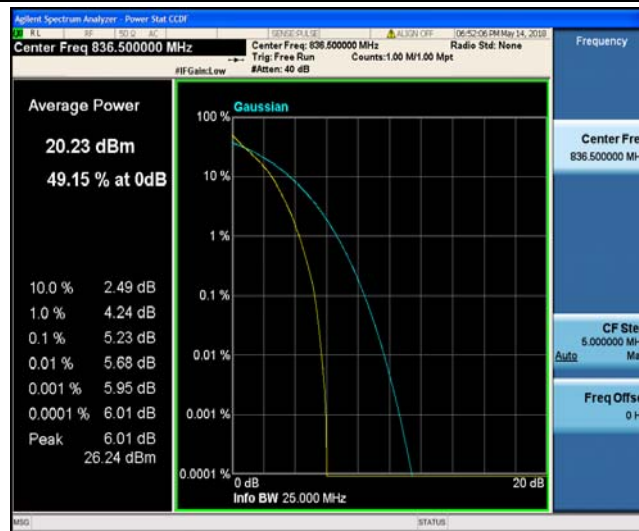
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Band5_1.4MHz_QPSK_20407_6RB#0



Band5_1.4MHz_QPSK_20525_1RB#0



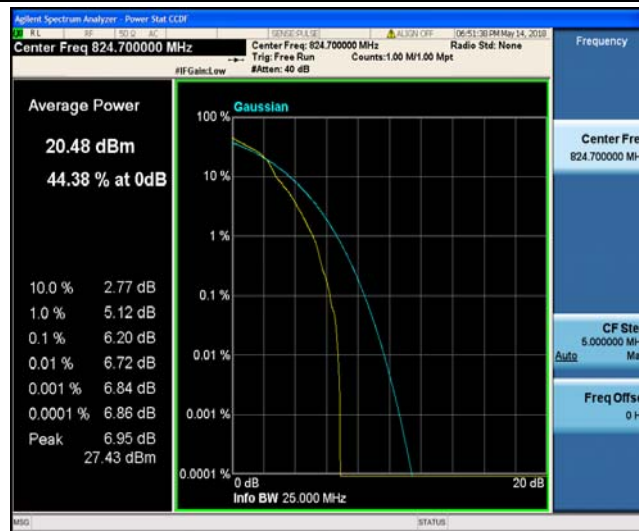
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Band5_1.4MHz_QPSK_20643_6RB#0



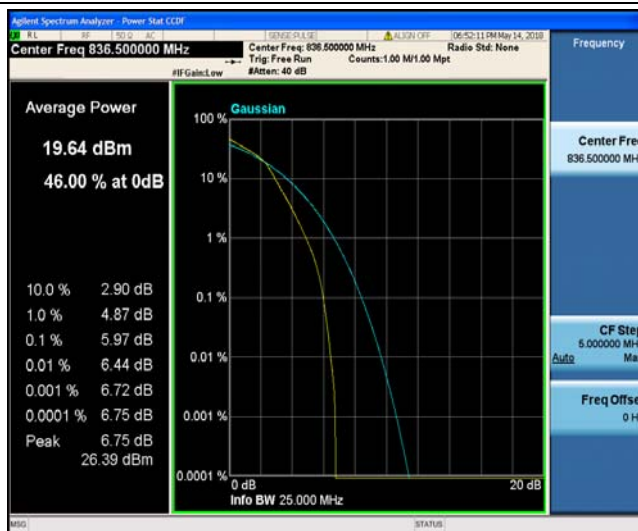
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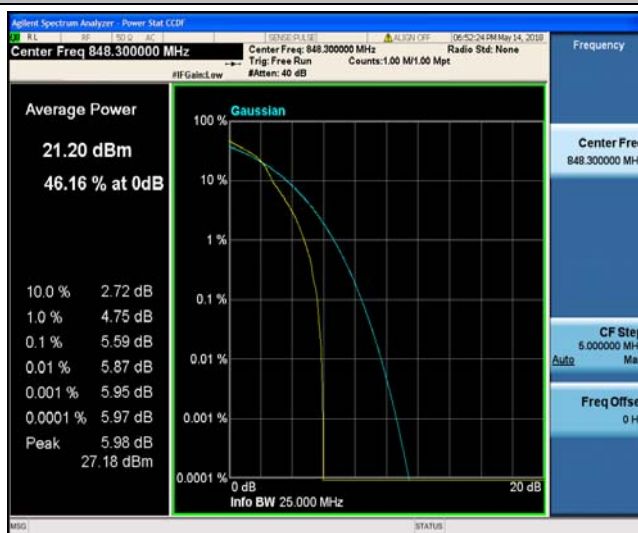
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Band5_1.4MHz_16QAM_20525_1RB#0



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



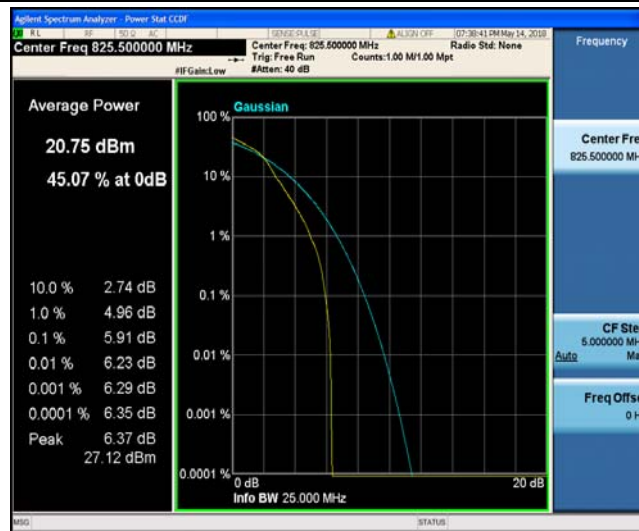
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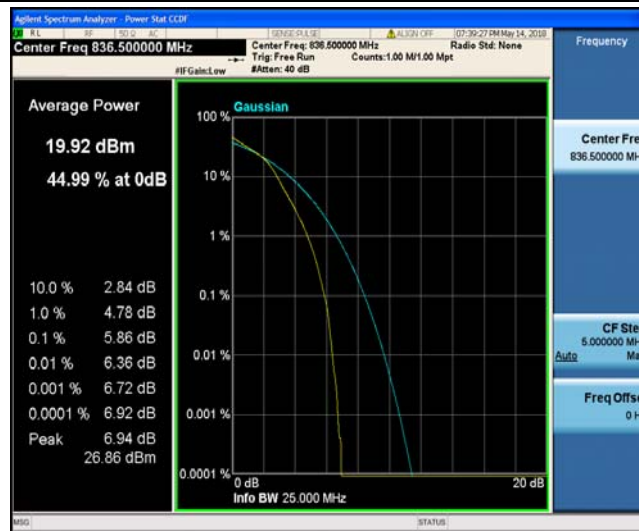
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Band5_3MHz_16QAM_20525_1RB#0



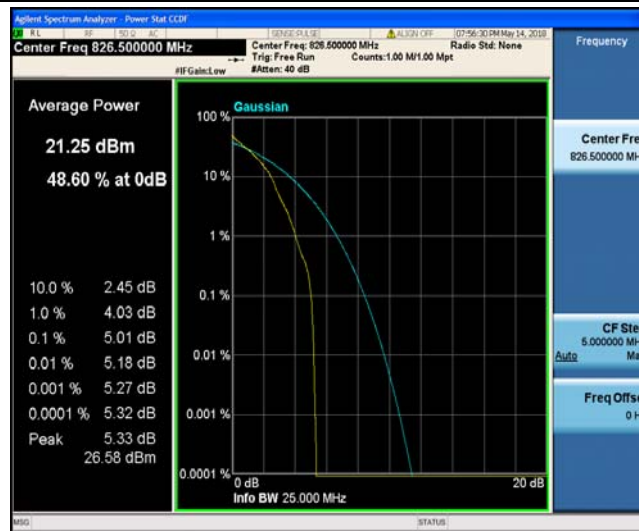
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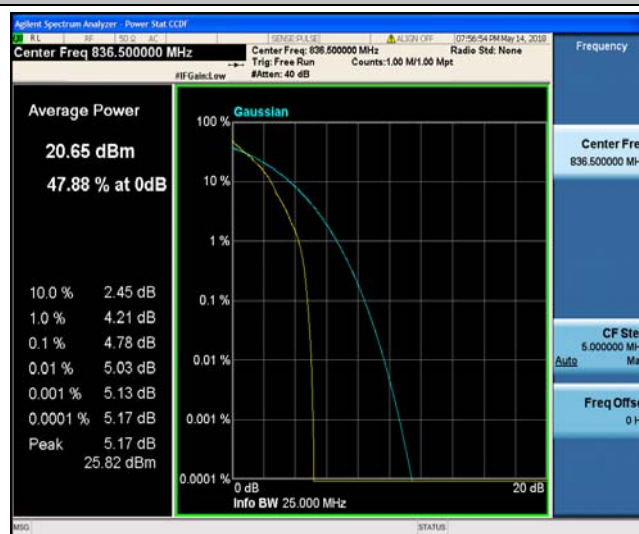
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Band5_5MHz_QPSK_20425_25RB#0



Band5_5MHz_QPSK_20525_1RB#0



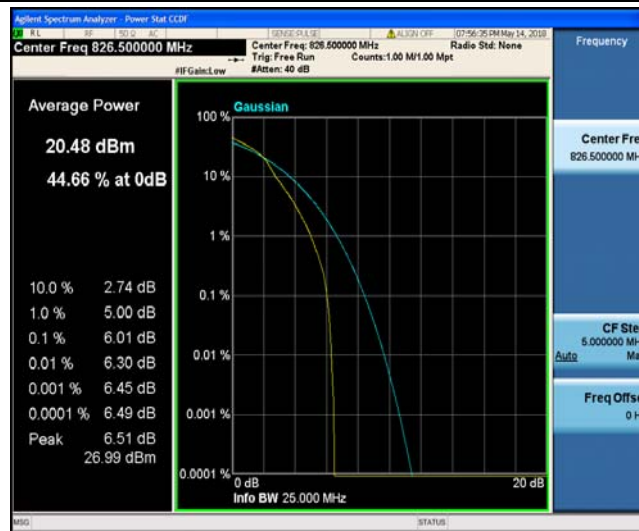
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Band5_5MHz_16QAM_20425_25RB#0



Band5_5MHz_16QAM_20525_1RB#0



Band5_5MHz_16QAM_20525_25RB#0



Band5_5MHz_16QAM_20625_1RB#0



Band5_5MHz_16QAM_20625_25RB#0



Band5_10MHz_QPSK_20450_1RB#0



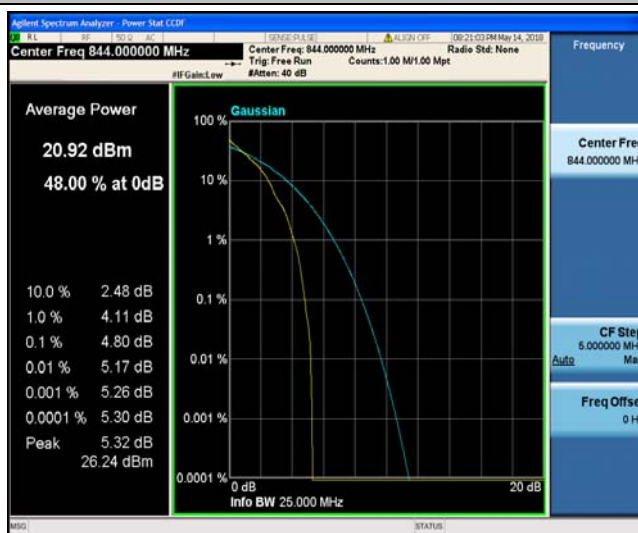
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Band5_10MHz_QPSK_20525_1RB#0



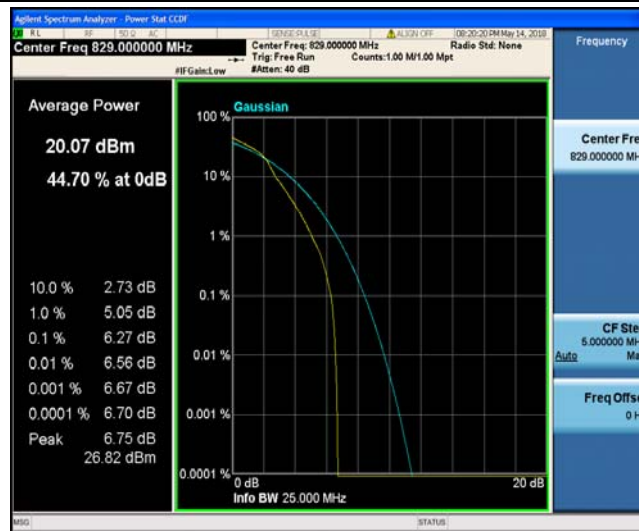
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Band5_10MHz_QPSK_20600_1RB#0



Band5_10MHz_QPSK_20600_50RB#0



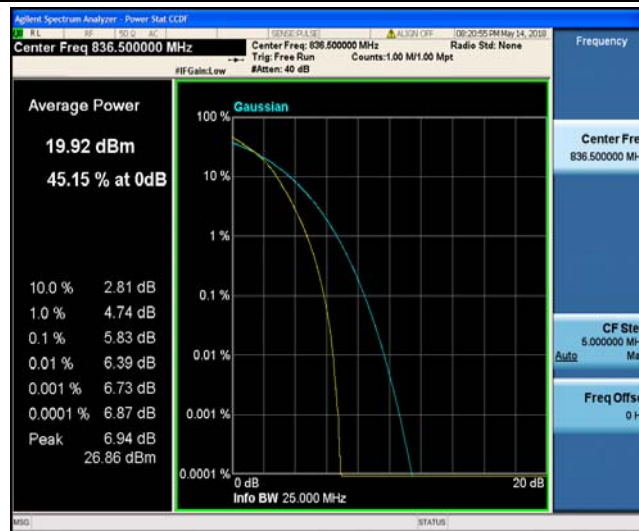
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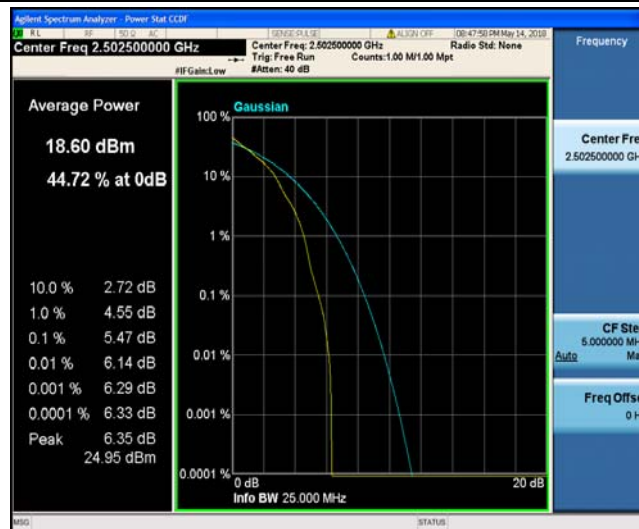
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Band5_10MHz_16QAM_20600_50RB#0



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



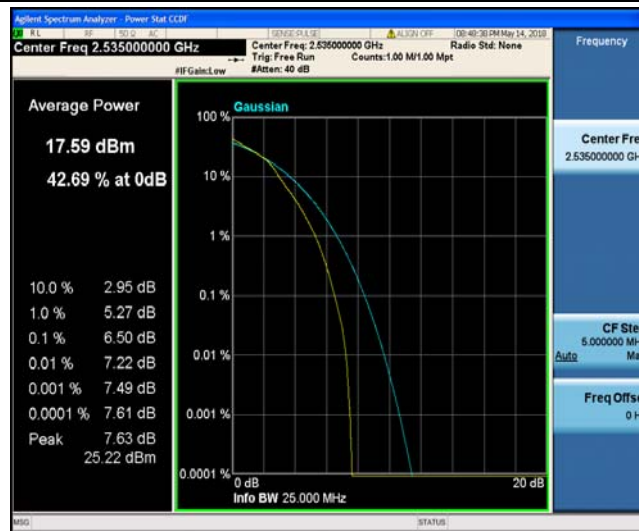
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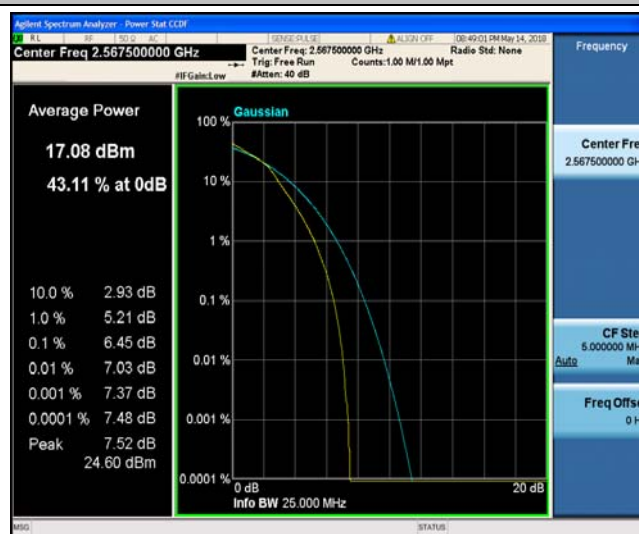
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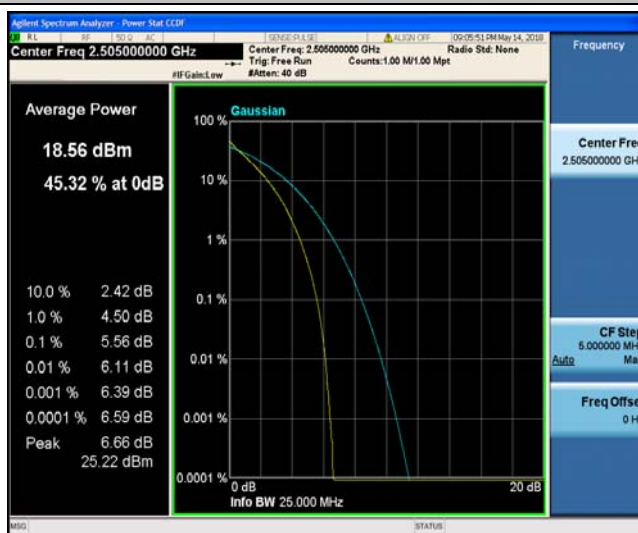
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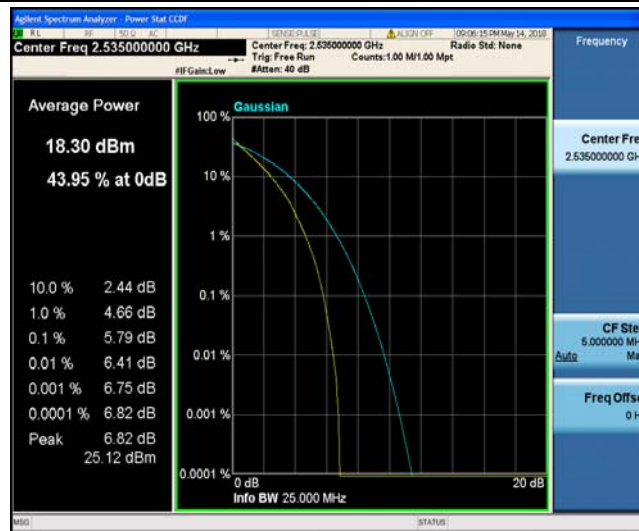
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Band7_10MHz_QPSK_20800_50RB#0



Band7_10MHz_QPSK_21100_1RB#0



Band7_10MHz_QPSK_21100_50RB#0



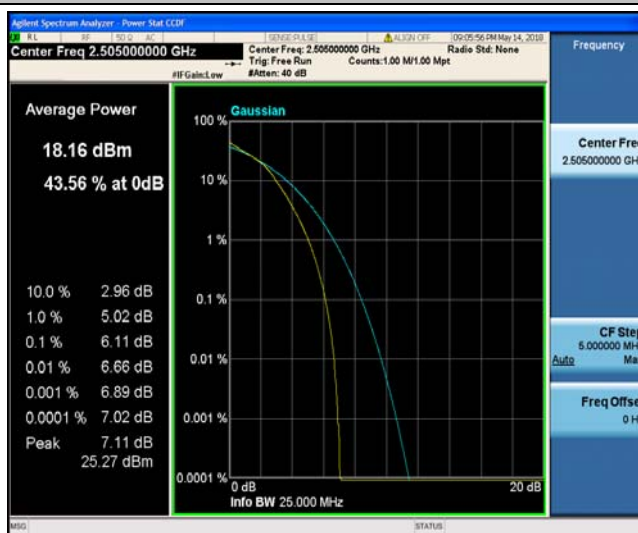
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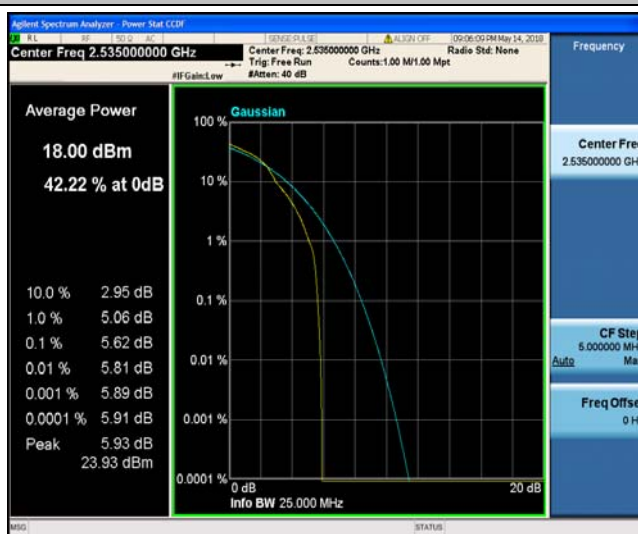
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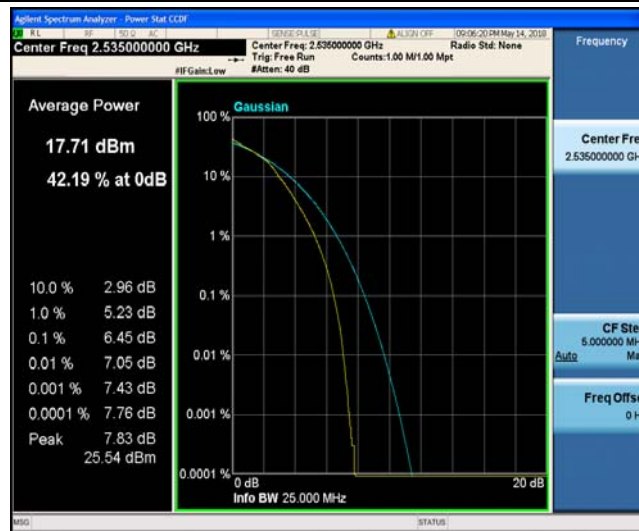
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Band7_10MHz_16QAM_20800_50RB#0



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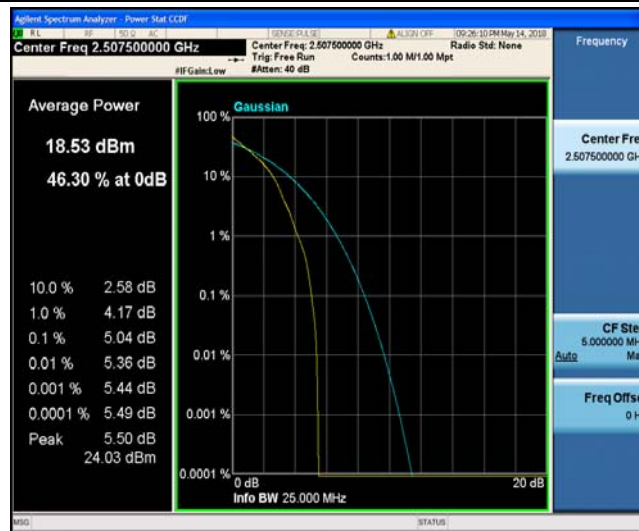
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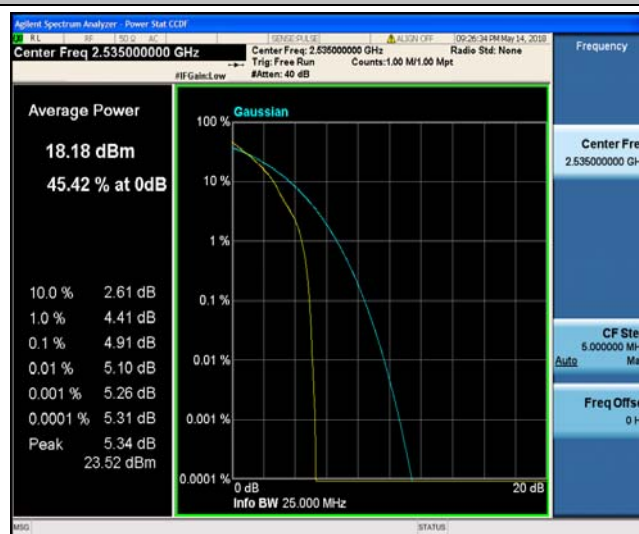
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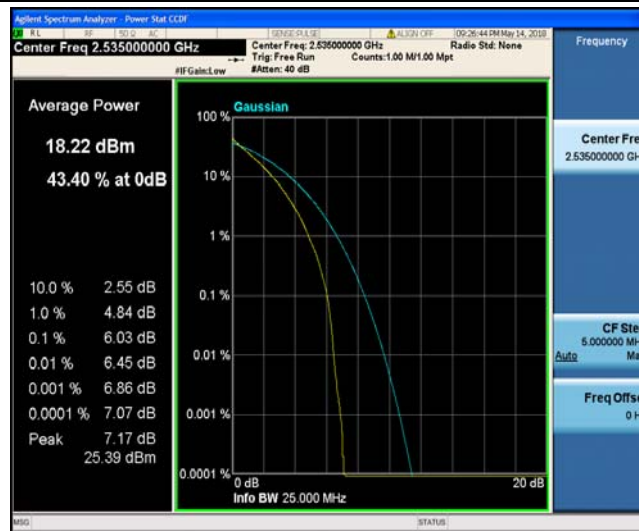
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Band7_15MHz_QPSK_20825_75RB#0



Band7_15MHz_QPSK_21100_1RB#0



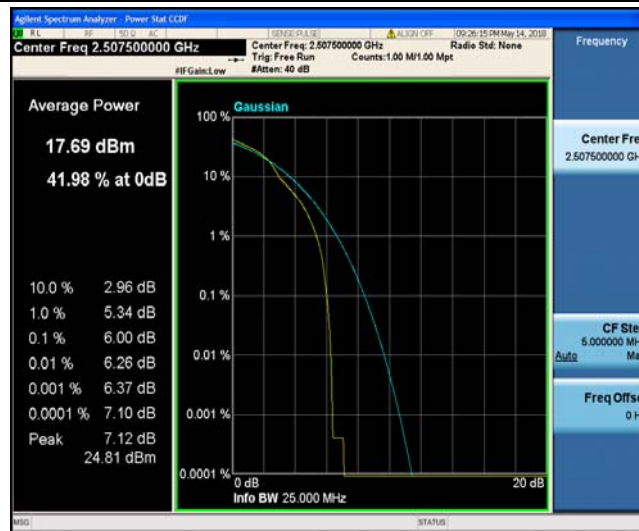
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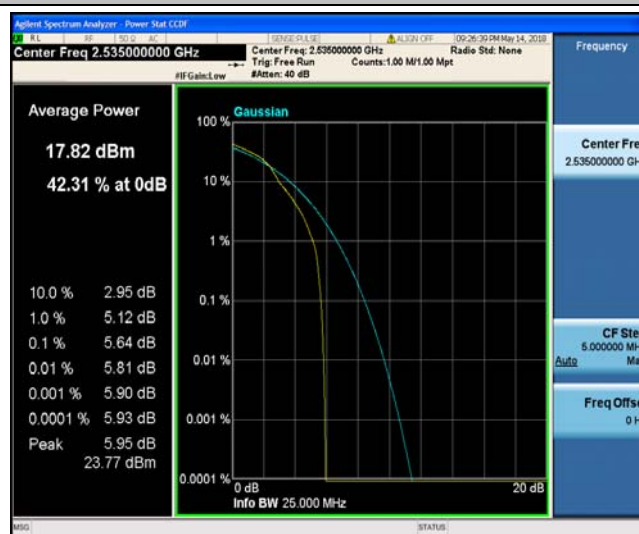
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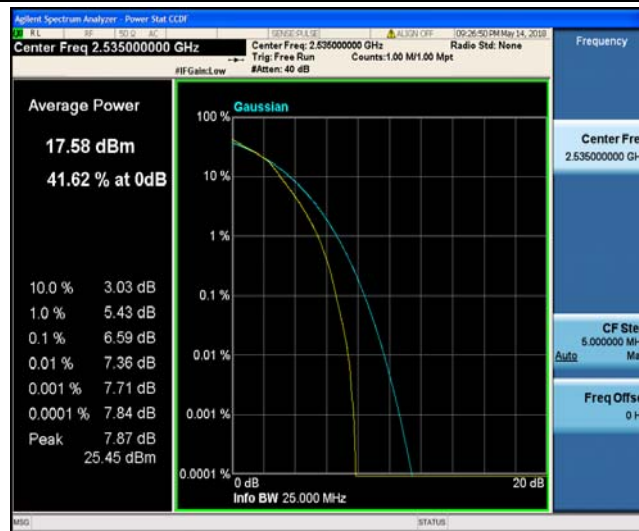
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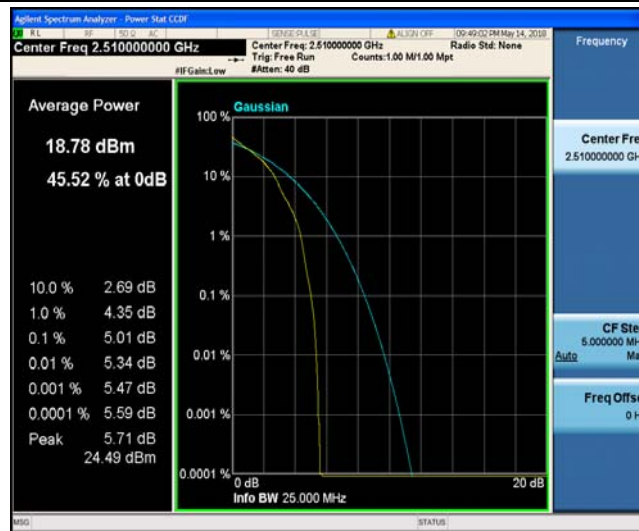
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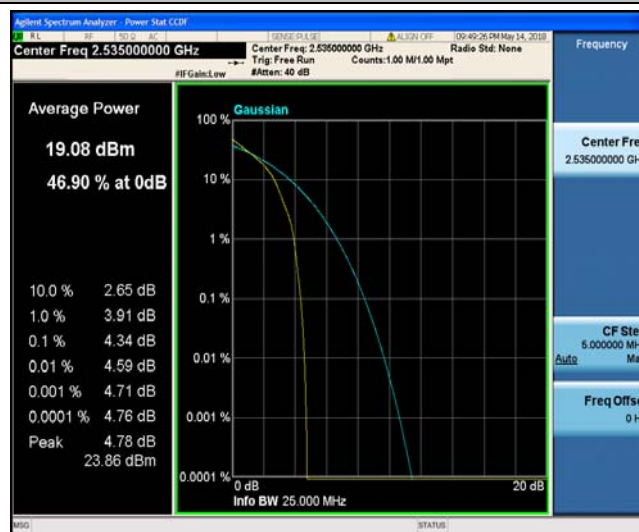
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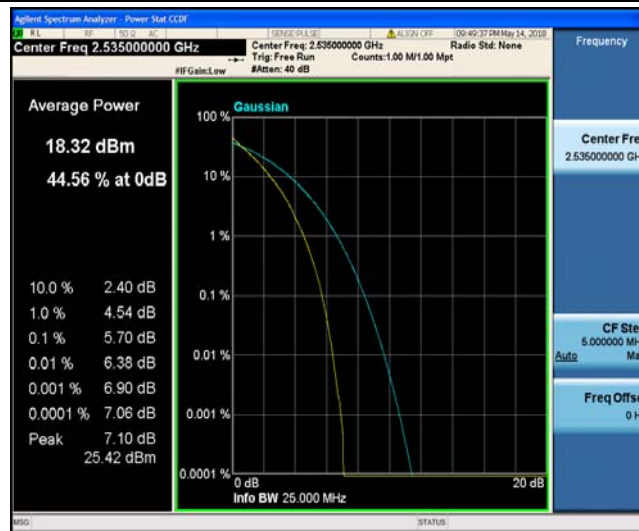
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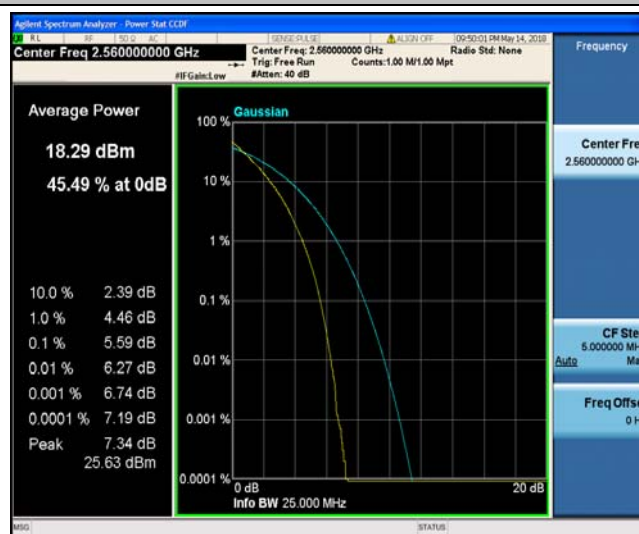
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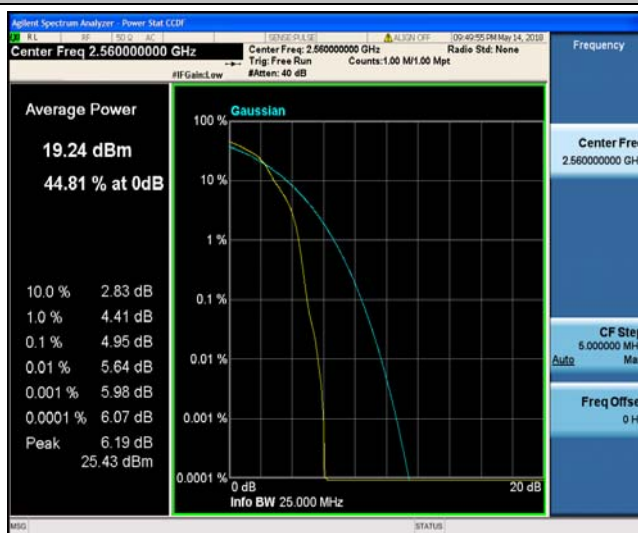
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Band7_20MHz_16QAM_21100_100RB#0



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	1.0990	1.418	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	1.1093	1.415	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1.1055	1.431	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1.1163	1.485	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.1078	1.490	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1.1258	1.457	PASS
Band2	3MHz	QPSK	18615	15RB#0	2.6867	3.038	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.6831	2.998	PASS
Band2	3MHz	QPSK	19185	15RB#0	2.6808	3.058	PASS
Band2	3MHz	16QAM	18615	15RB#0	2.6813	3.051	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.6845	3.139	PASS
Band2	3MHz	16QAM	19185	15RB#0	2.6769	3.031	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.5133	5.352	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.5230	5.259	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.5407	5.356	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.5153	5.211	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.5316	5.405	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.5149	5.176	PASS
Band2	10MHz	QPSK	18650	50RB#0	8.9574	9.876	PASS
Band2	10MHz	QPSK	18900	50RB#0	8.9508	9.712	PASS
Band2	10MHz	QPSK	19150	50RB#0	8.9588	9.773	PASS
Band2	10MHz	16QAM	18650	50RB#0	8.9516	9.994	PASS
Band2	10MHz	16QAM	18900	50RB#0	8.9491	10.04	PASS
Band2	10MHz	16QAM	19150	50RB#0	8.9593	10.04	PASS
Band2	15MHz	QPSK	18675	75RB#0	13.509	14.99	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.521	15.70	PASS
Band2	15MHz	QPSK	19125	75RB#0	13.518	15.04	PASS
Band2	15MHz	16QAM	18675	75RB#0	13.465	15.10	PASS
Band2	15MHz	16QAM	18900	75RB#0	13.477	14.95	PASS
Band2	15MHz	16QAM	19125	75RB#0	13.543	15.43	PASS
Band2	20MHz	QPSK	18700	100RB#0	18.001	20.47	PASS
Band2	20MHz	QPSK	18900	100RB#0	17.982	20.05	PASS
Band2	20MHz	QPSK	19100	100RB#0	18.024	19.77	PASS
Band2	20MHz	16QAM	18700	100RB#0	17.985	20.04	PASS
Band2	20MHz	16QAM	18900	100RB#0	17.963	20.06	PASS
Band2	20MHz	16QAM	19100	100RB#0	18.064	19.83	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	1.1050	1.429	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.0996	1.407	PASS



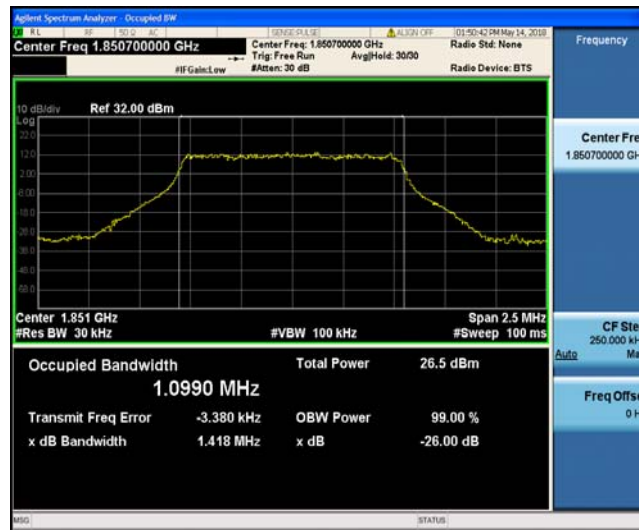
Band4	1.4MHz	QPSK	20393	6RB#0	1.1096	1.443	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.1243	1.455	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.1175	1.471	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.1117	1.493	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.6789	3.003	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.6835	3.069	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.6793	3.037	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.6824	3.111	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.6801	3.020	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.6777	3.073	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.5178	5.373	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.5238	5.274	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.5477	5.381	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.5223	5.206	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.5313	5.392	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.5148	5.191	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.9495	9.879	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.9650	9.716	PASS
Band4	10MHz	QPSK	20350	50RB#0	8.9608	9.992	PASS
Band4	10MHz	16QAM	20000	50RB#0	8.9602	10.07	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.9455	10.04	PASS
Band4	10MHz	16QAM	20350	50RB#0	8.9564	9.933	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.508	15.07	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.510	15.52	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.507	15.22	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.467	15.00	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.485	15.04	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.506	15.21	PASS
Band4	20MHz	QPSK	20050	100RB#0	17.912	19.85	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.939	19.63	PASS
Band4	20MHz	QPSK	20300	100RB#0	17.964	19.59	PASS
Band4	20MHz	16QAM	20050	100RB#0	17.918	19.87	PASS
Band4	20MHz	16QAM	20175	100RB#0	17.870	19.73	PASS
Band4	20MHz	16QAM	20300	100RB#0	17.969	19.66	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	1.1092	1.436	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.1093	1.438	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.1007	1.432	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.1108	1.509	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.1255	1.468	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.1197	1.485	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.6817	3.024	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.6848	3.027	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.6844	3.036	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.6817	3.067	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.6818	3.135	PASS



Band5	3MHz	16QAM	20635	15RB#0	2.6788	3.055	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.5175	5.353	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.5253	5.338	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.5417	5.396	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.5160	5.145	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.5353	5.586	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.5190	5.211	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.9281	9.790	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.9488	9.733	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.9697	10.01	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.9607	9.927	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.9453	10.13	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.9776	10.05	PASS
Band7	5MHz	QPSK	20775	25RB#0	4.5457	5.380	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.5219	5.377	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.5272	5.359	PASS
Band7	5MHz	16QAM	20775	25RB#0	4.5156	5.192	PASS
Band7	5MHz	16QAM	21100	25RB#0	4.5169	5.214	PASS
Band7	5MHz	16QAM	21425	25RB#0	4.5344	5.432	PASS
Band7	10MHz	QPSK	20800	50RB#0	8.9636	9.950	PASS
Band7	10MHz	QPSK	21100	50RB#0	8.9550	9.746	PASS
Band7	10MHz	QPSK	21400	50RB#0	8.9539	9.824	PASS
Band7	10MHz	16QAM	20800	50RB#0	8.9685	10.10	PASS
Band7	10MHz	16QAM	21100	50RB#0	8.9457	9.887	PASS
Band7	10MHz	16QAM	21400	50RB#0	8.9507	10.01	PASS
Band7	15MHz	QPSK	20825	75RB#0	13.490	15.06	PASS
Band7	15MHz	QPSK	21100	75RB#0	13.511	15.70	PASS
Band7	15MHz	QPSK	21375	75RB#0	13.503	14.95	PASS
Band7	15MHz	16QAM	20825	75RB#0	13.473	14.99	PASS
Band7	15MHz	16QAM	21100	75RB#0	13.478	14.97	PASS
Band7	15MHz	16QAM	21375	75RB#0	13.500	15.08	PASS
Band7	20MHz	QPSK	20850	100RB#0	17.916	19.93	PASS
Band7	20MHz	QPSK	21100	100RB#0	17.979	19.76	PASS
Band7	20MHz	QPSK	21350	100RB#0	17.933	19.63	PASS
Band7	20MHz	16QAM	20850	100RB#0	17.931	19.94	PASS
Band7	20MHz	16QAM	21100	100RB#0	17.943	19.82	PASS
Band7	20MHz	16QAM	21350	100RB#0	17.927	19.67	PASS



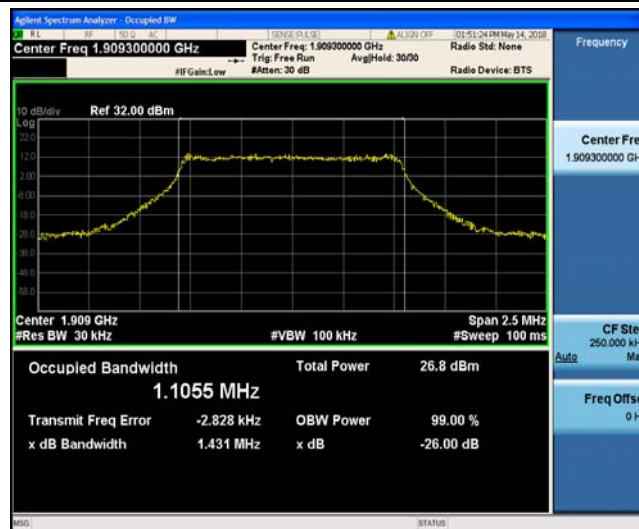
Test Graphs



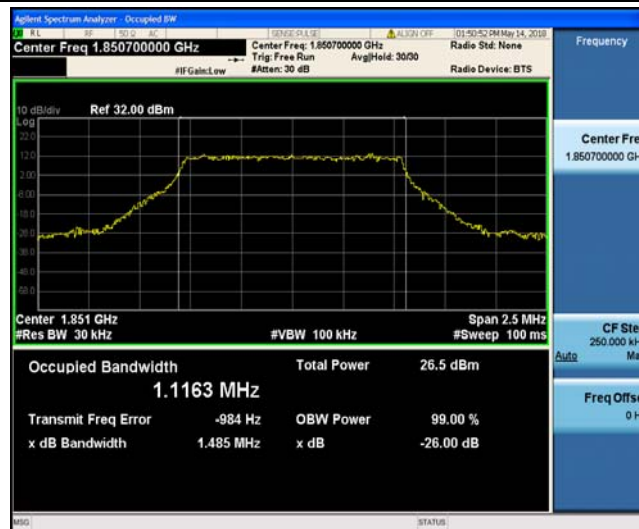
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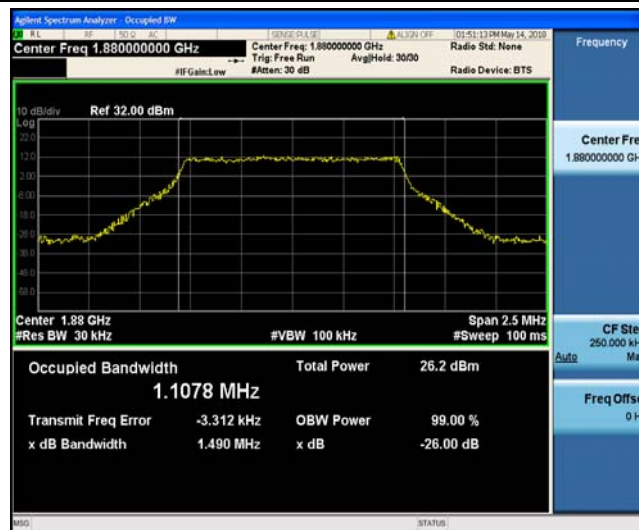
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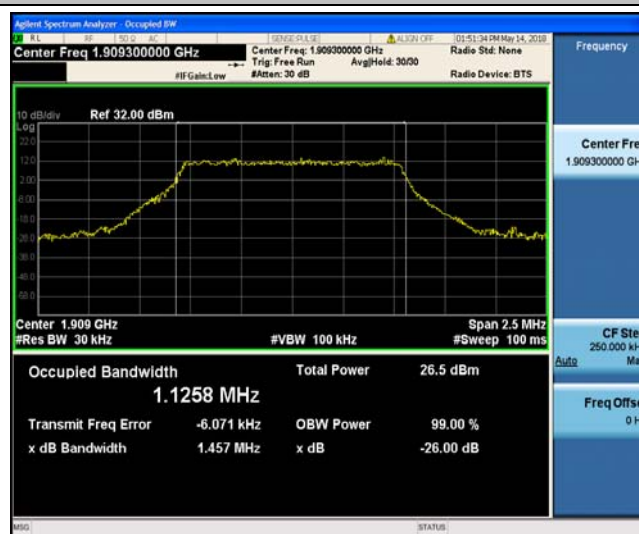
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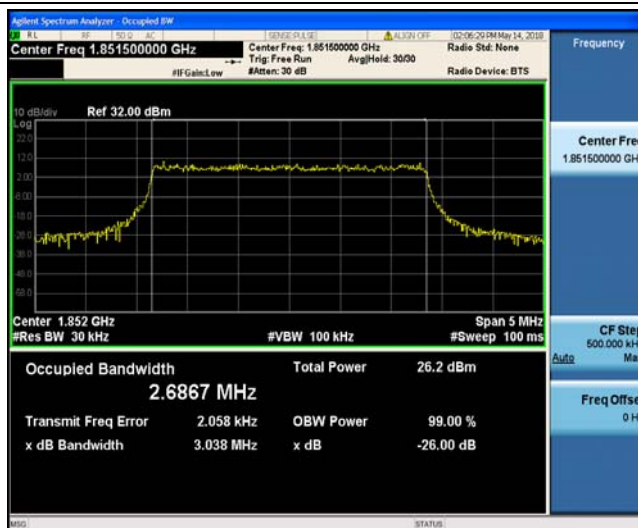
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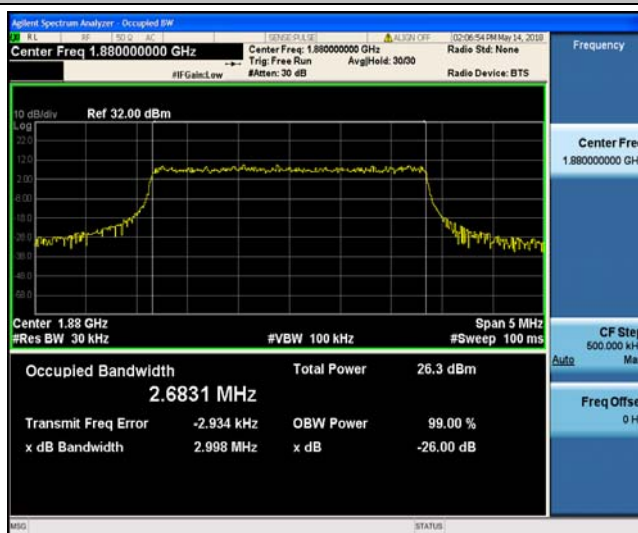
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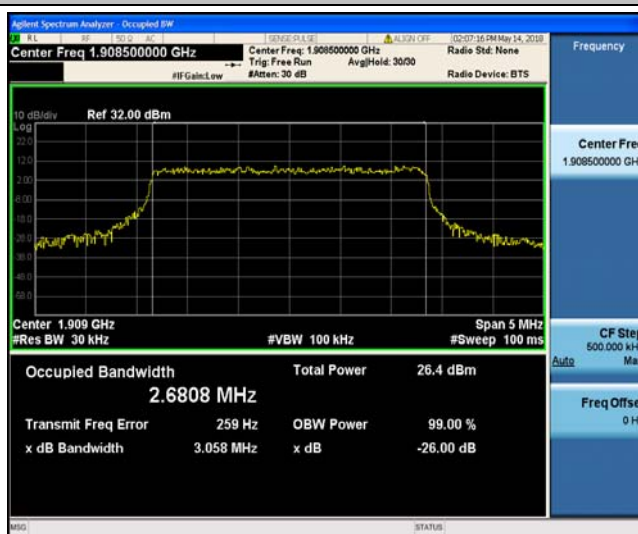
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Band2_3MHz_QPSK_18615_15RB#0



Band2_3MHz_QPSK_18900_15RB#0



Band2_3MHz_QPSK_19185_15RB#0