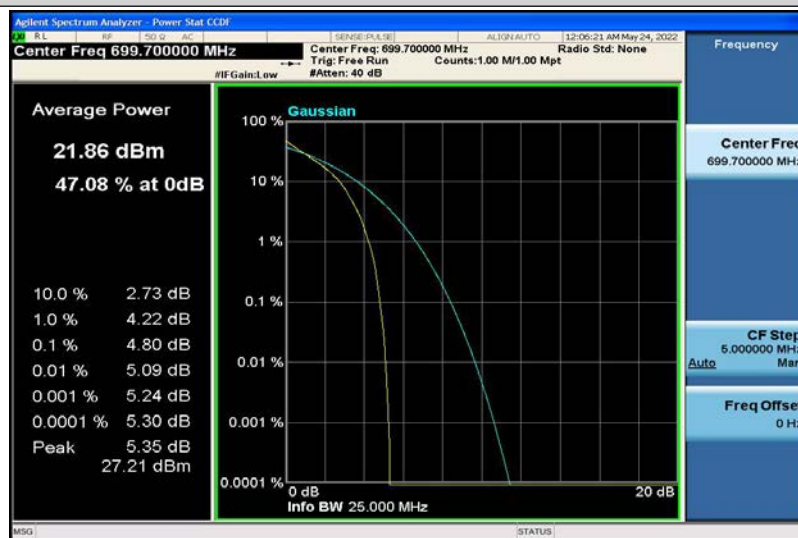




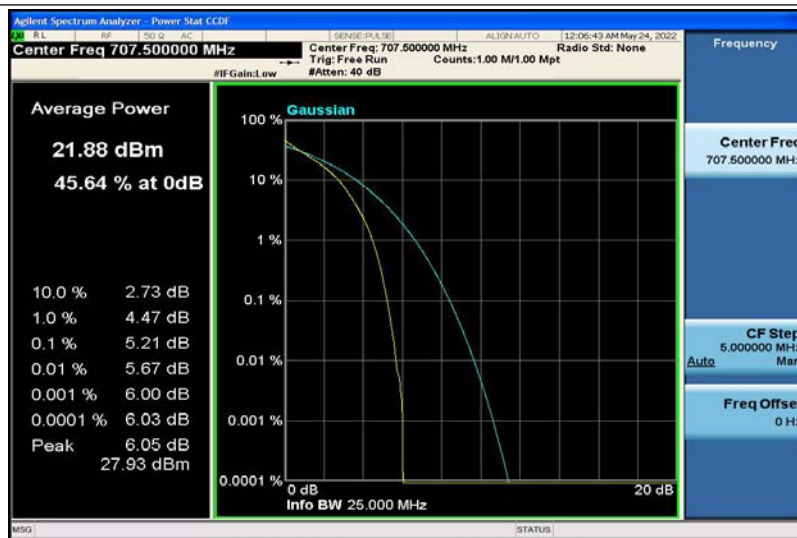
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Band12-1.4MHz-QPSK-23017-6RB#0



Band12-1.4MHz-QPSK-23095-1RB#0



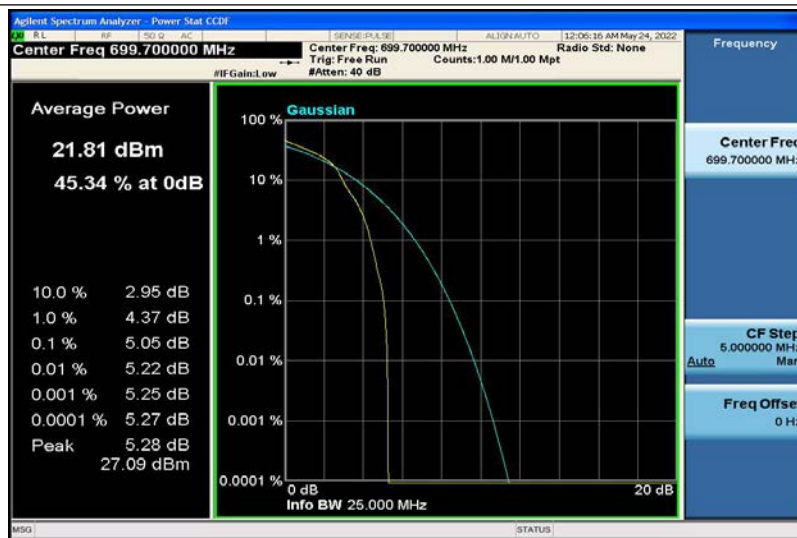
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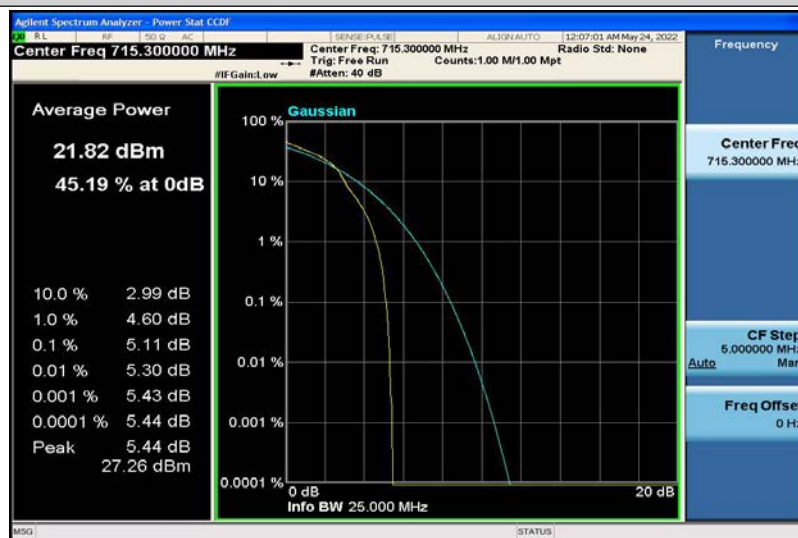
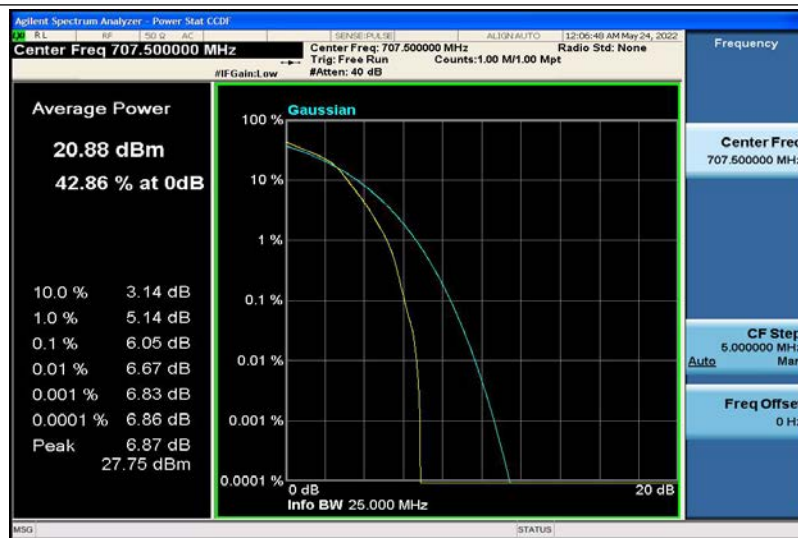
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Band12-1.4MHz-16QAM-23017-6RB#0



Band12-1.4MHz-16QAM-23095-1RB#0





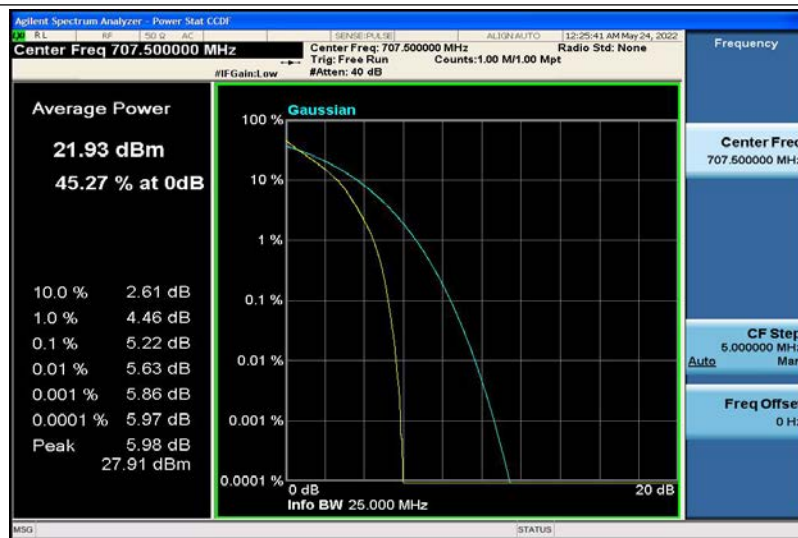
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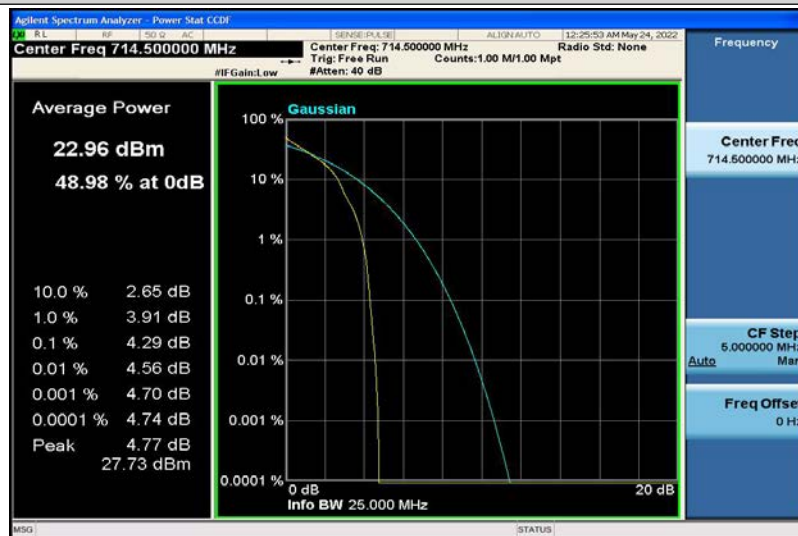
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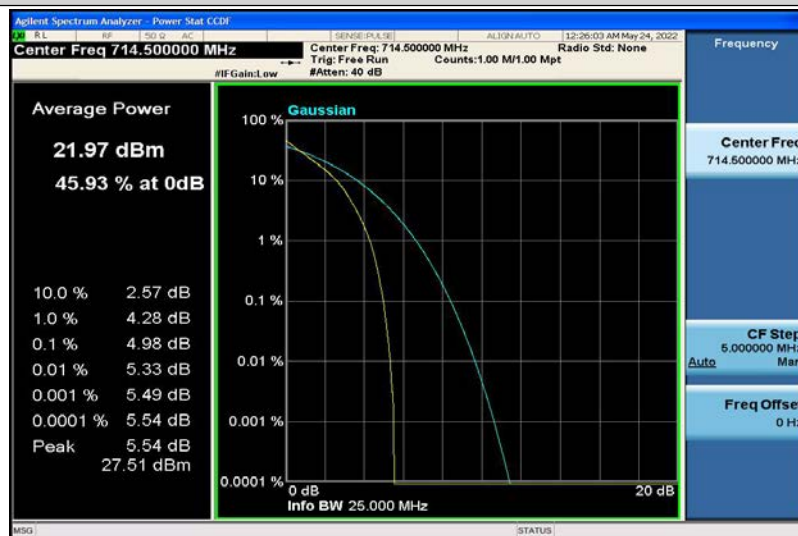
Band12-3MHz-QPSK-23095-1RB#0



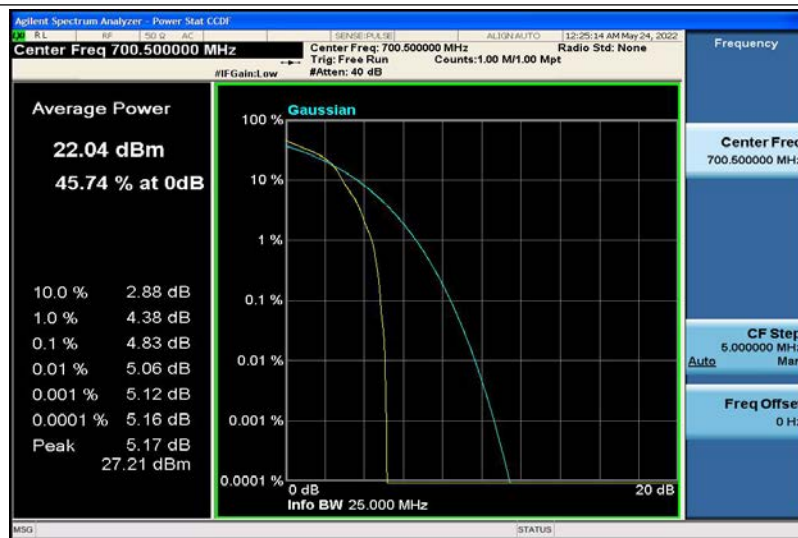
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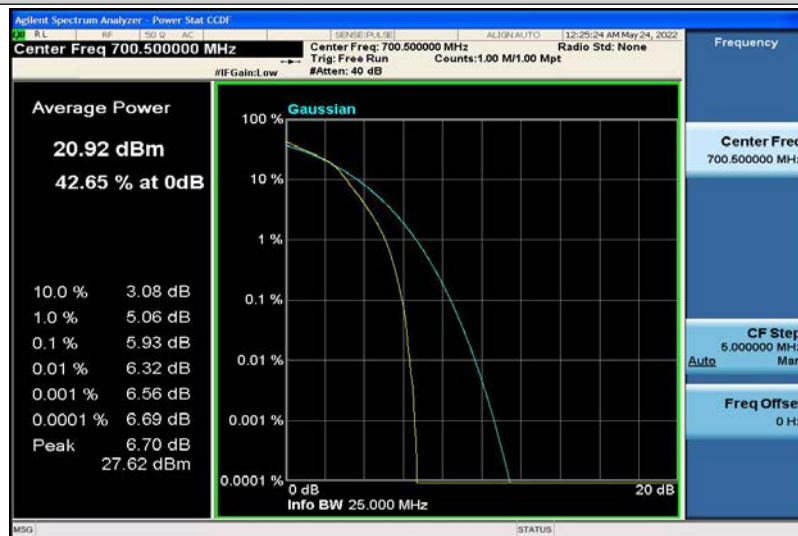
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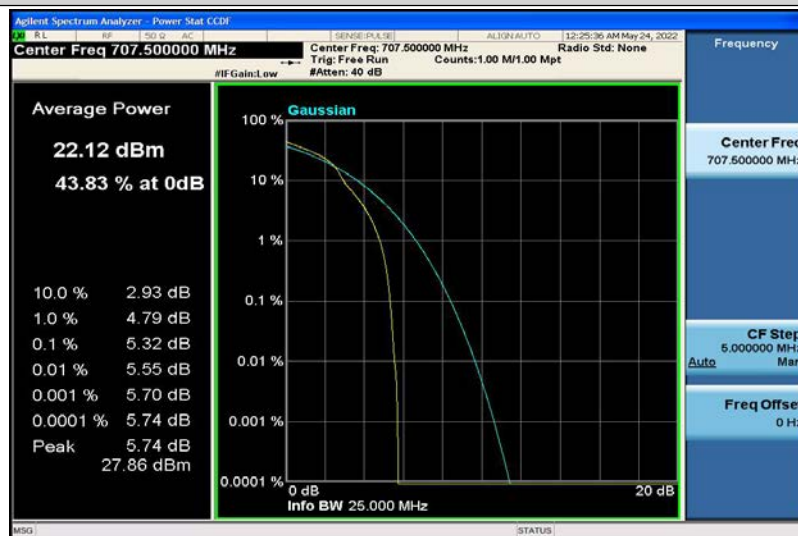
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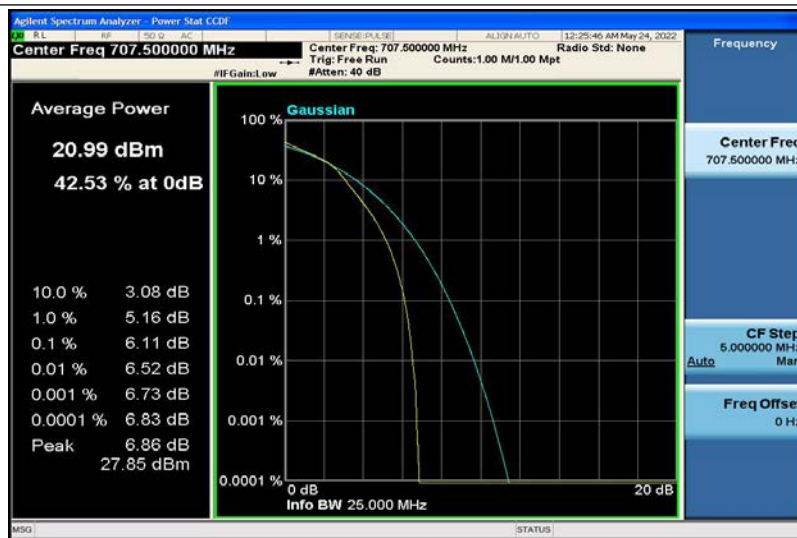
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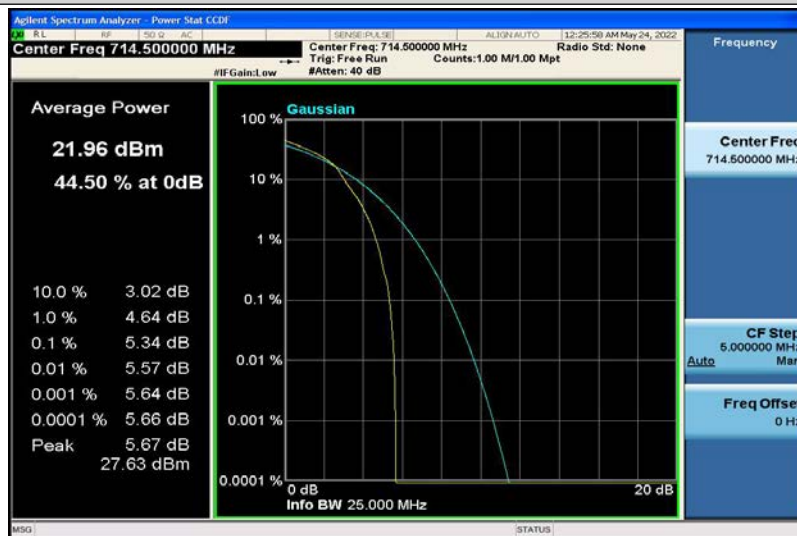
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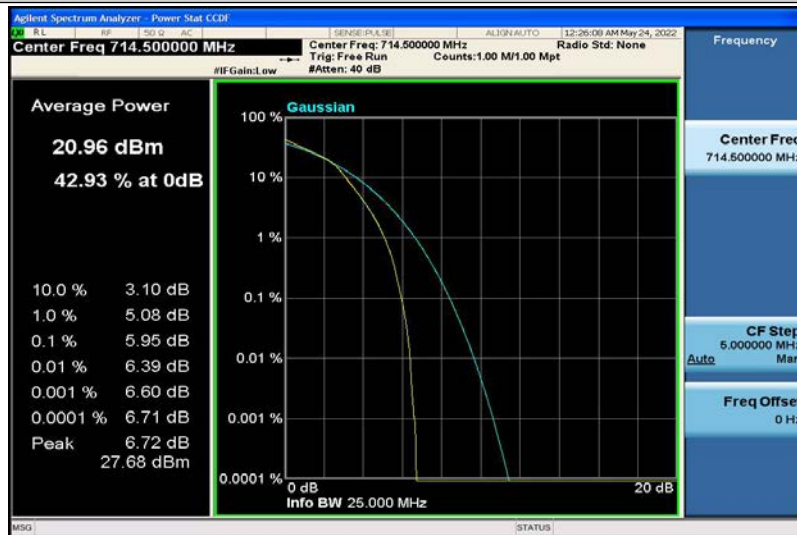
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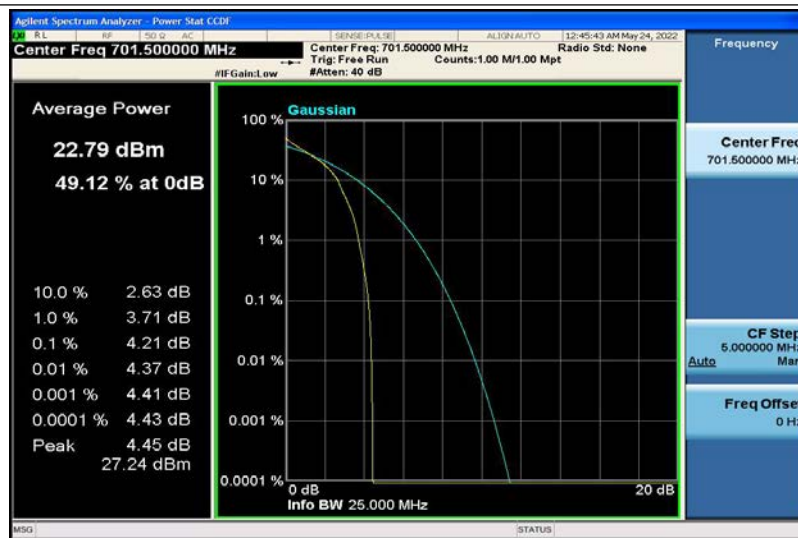
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Band12-3MHz-16QAM-23165-1RB#0



Band12-3MHz-16QAM-23165-15RB#0



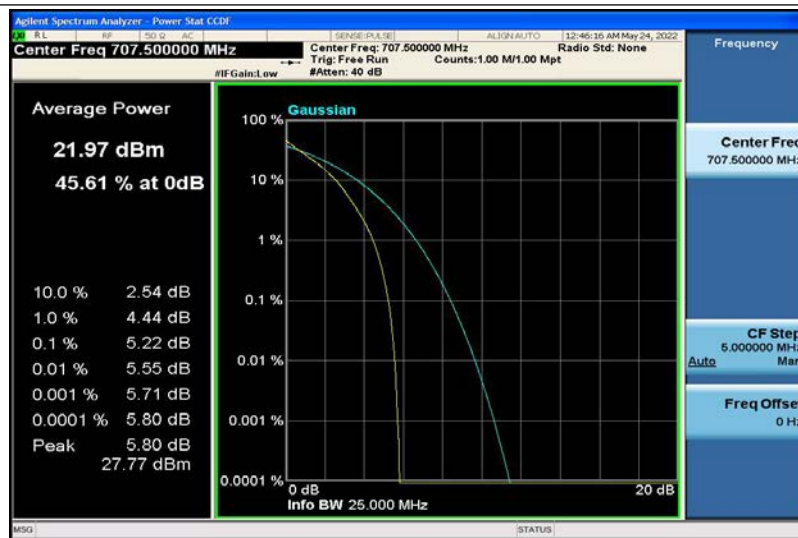
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Band12-5MHz-QPSK-23035-25RB#0



Band12-5MHz-QPSK-23095-1RB#0



Band12-5MHz-QPSK-23095-25RB#0



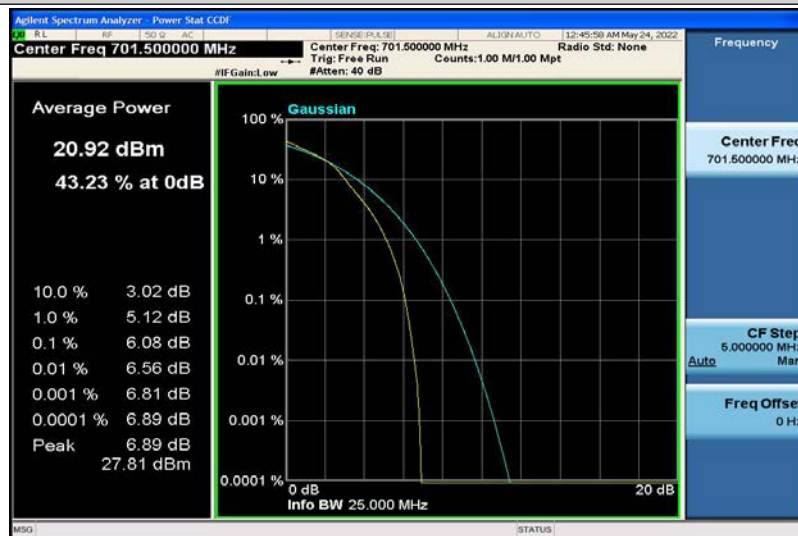
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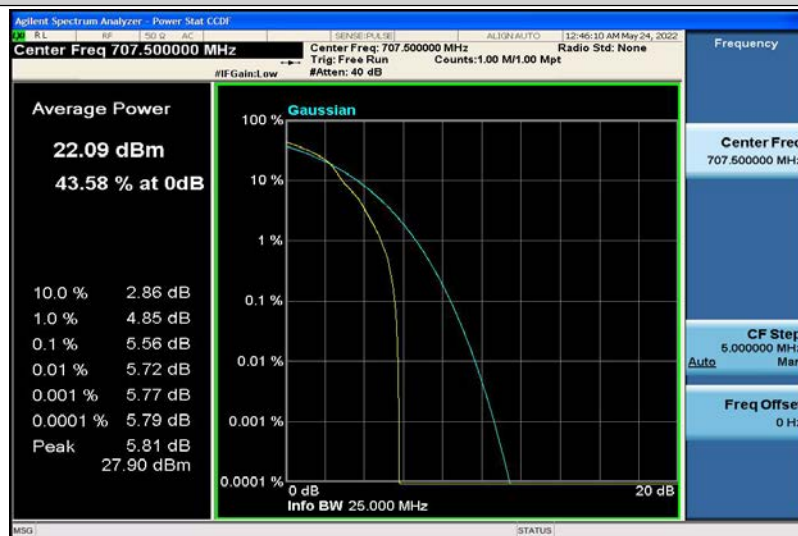
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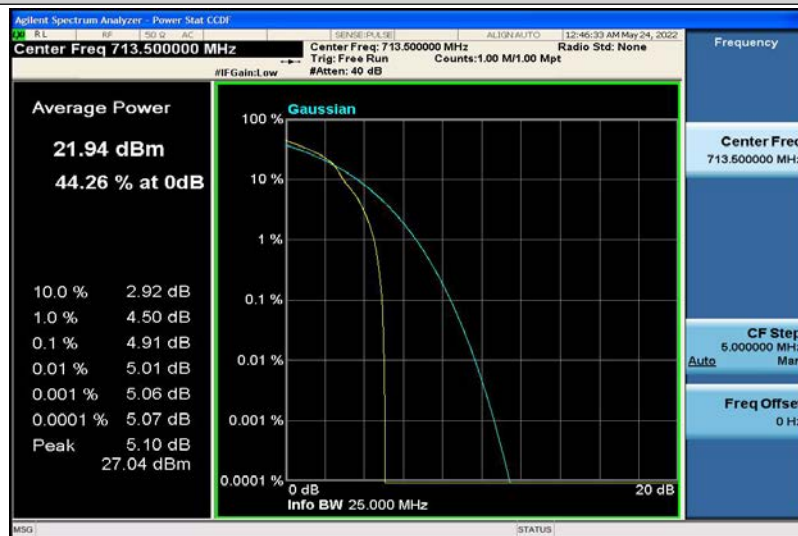
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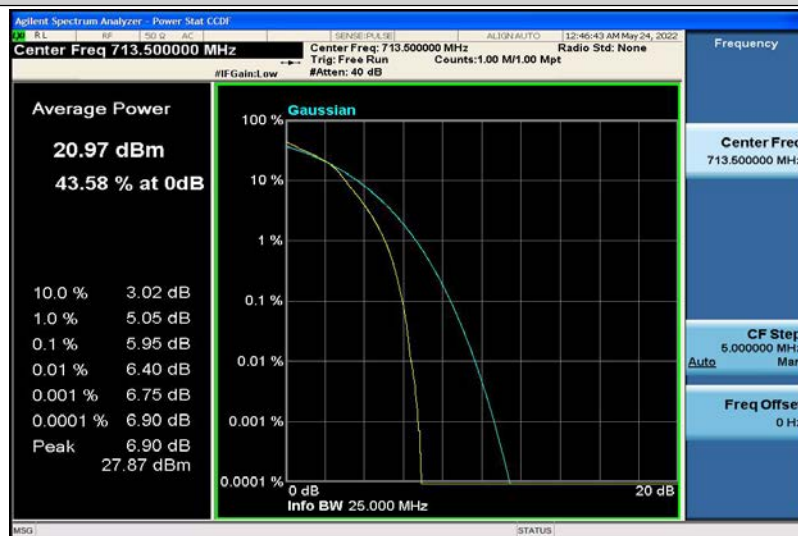
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Band12-5MHz-16QAM-23095-25RB#0



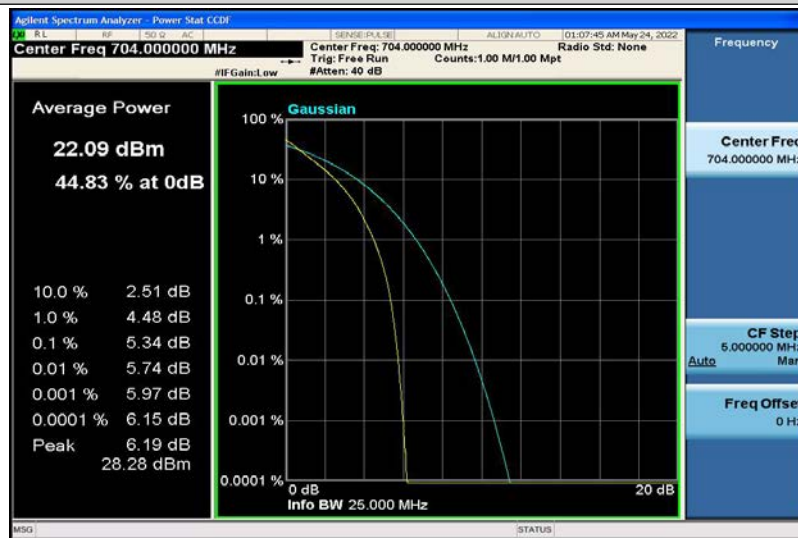
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Band12-5MHz-16QAM-23155-25RB#0



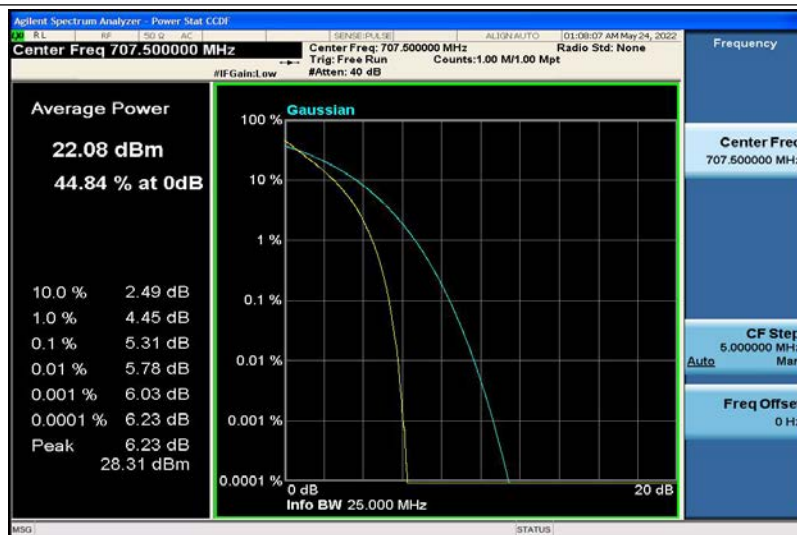
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Band12-10MHz-QPSK-23060-50RB#0



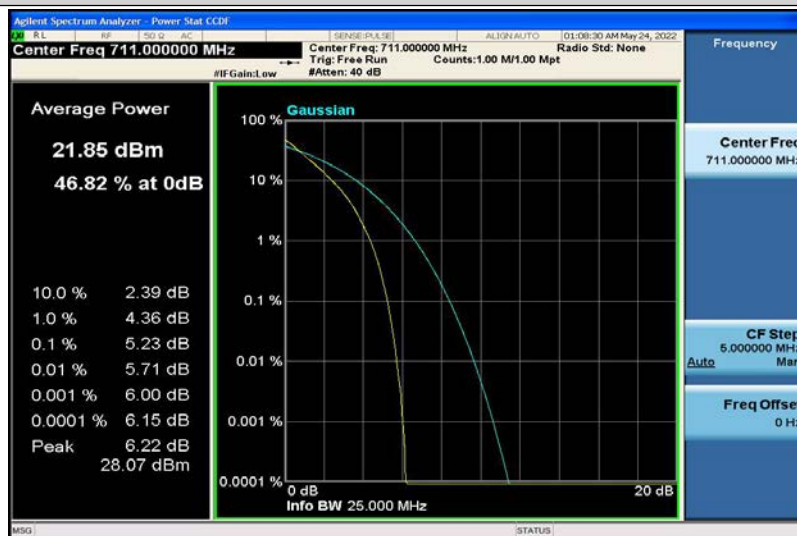
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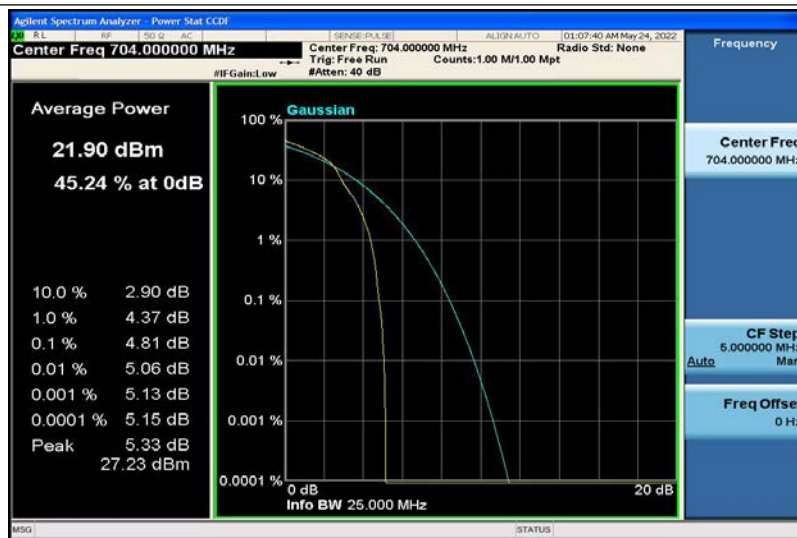
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Band12-10MHz-QPSK-23130-1RB#0



Band12-10MHz-QPSK-23130-50RB#0



Band12-10MHz-16QAM-23060-1RB#0



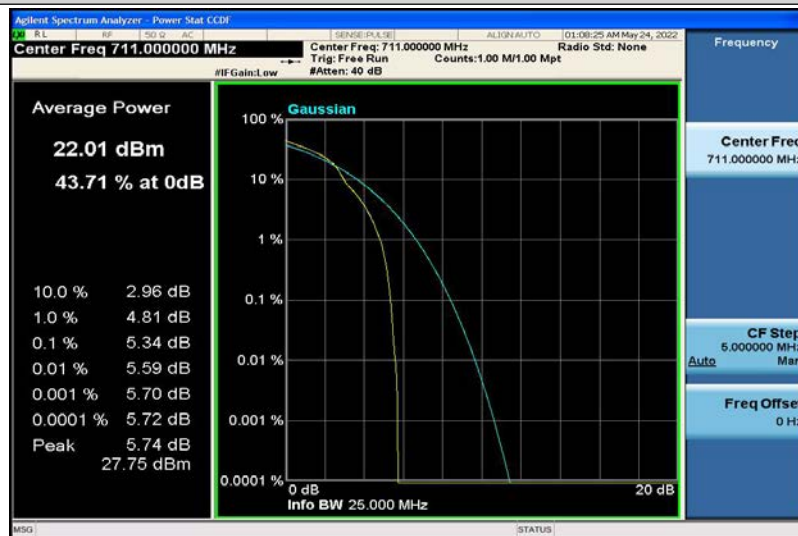
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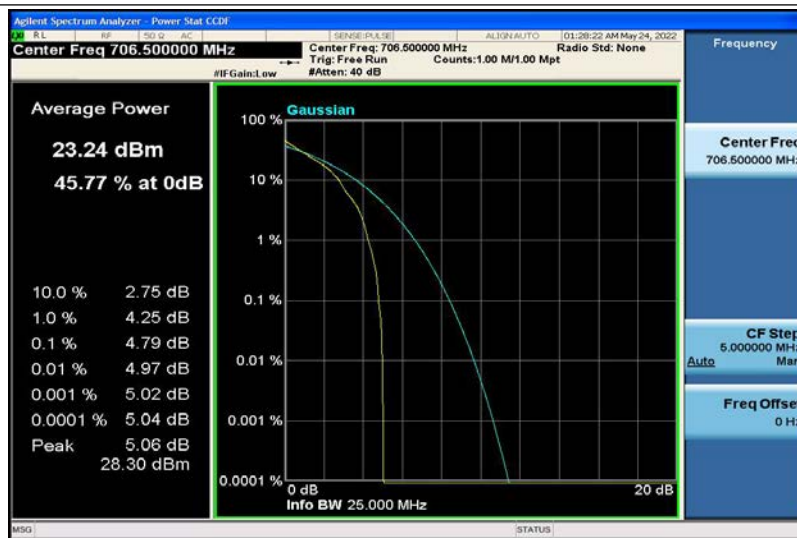
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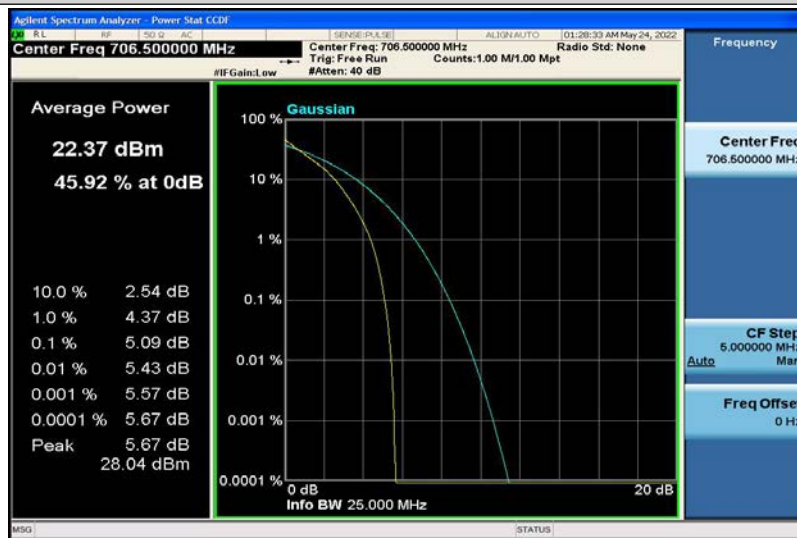
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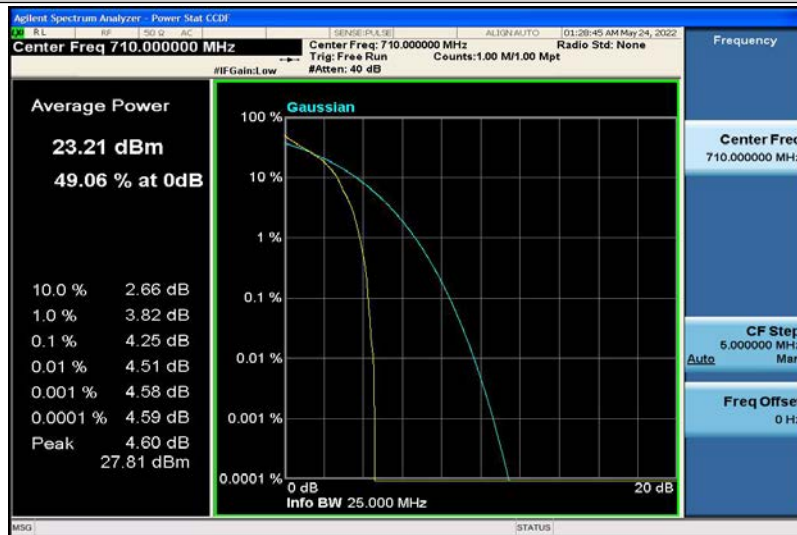
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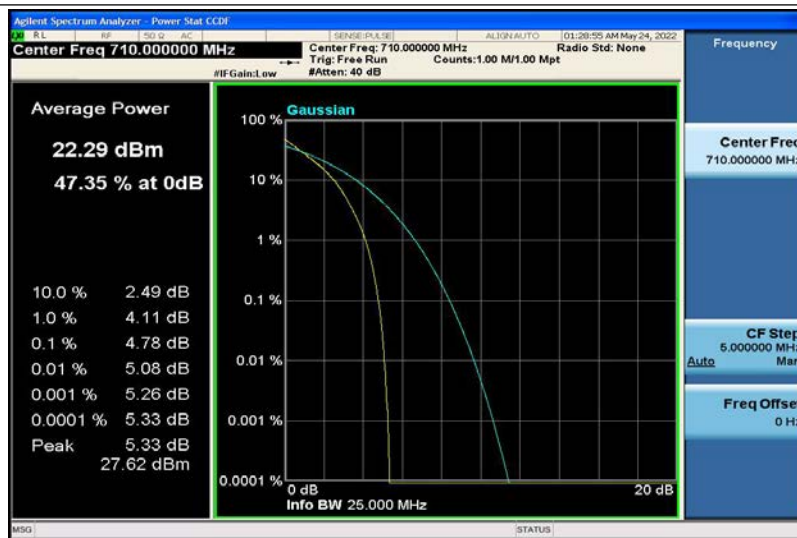
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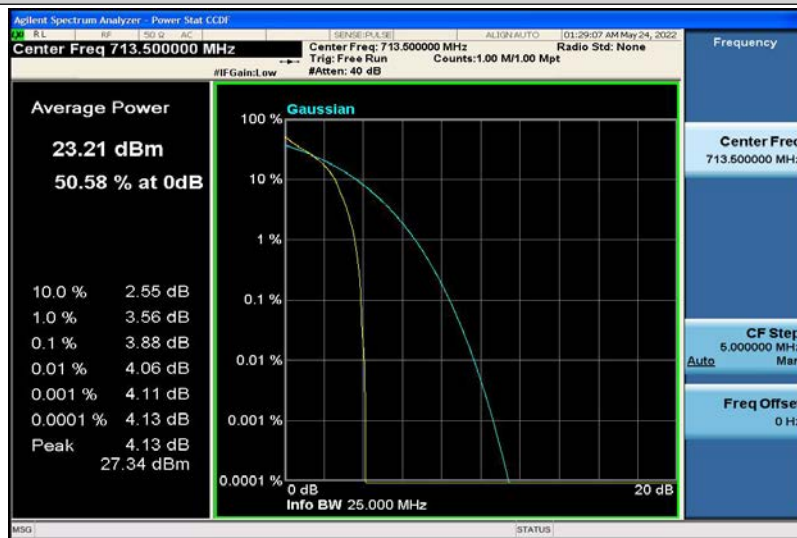
Band17-5MHz-QPSK-23755-25RB#0



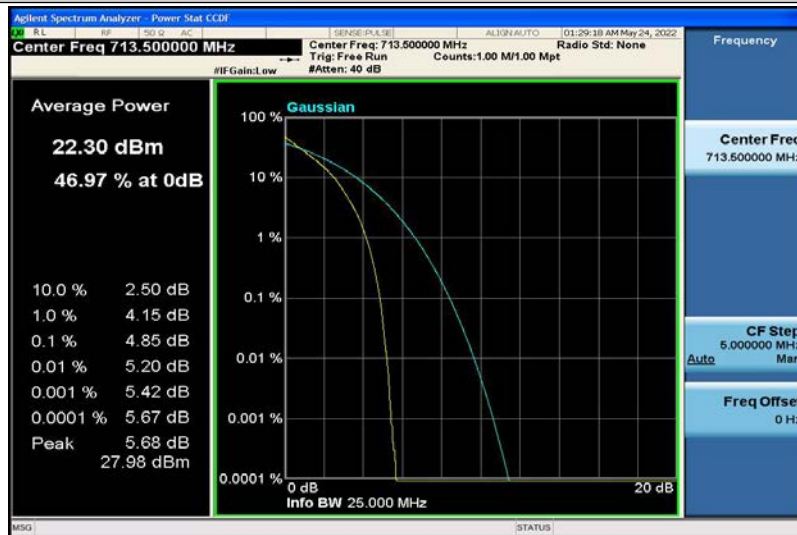
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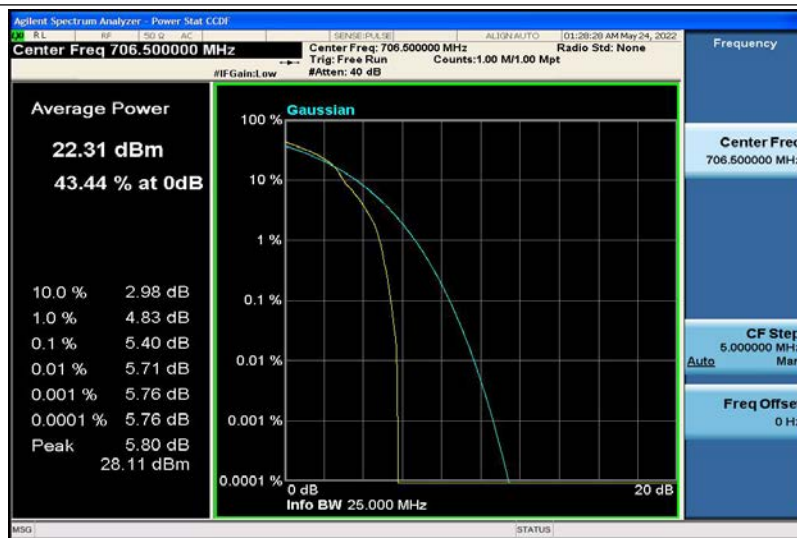
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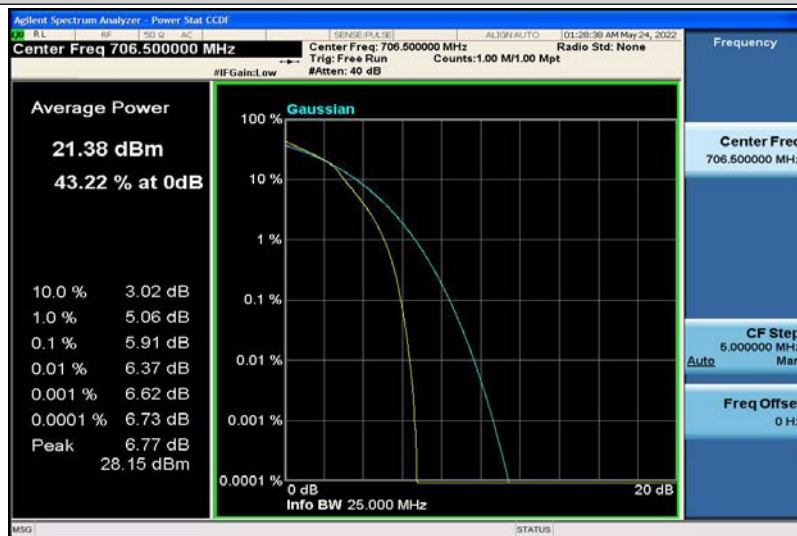
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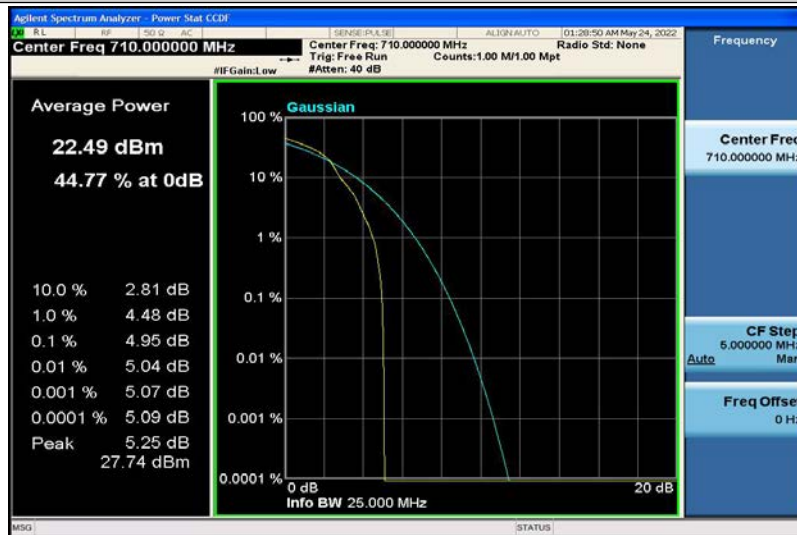
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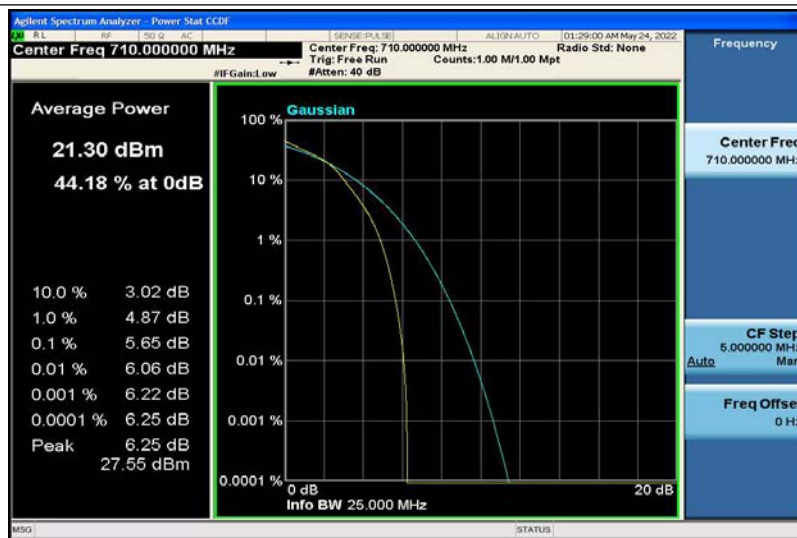
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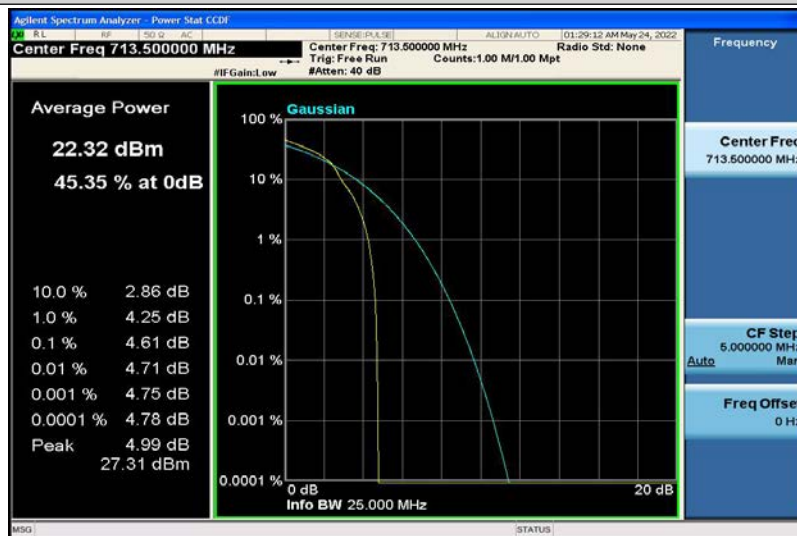
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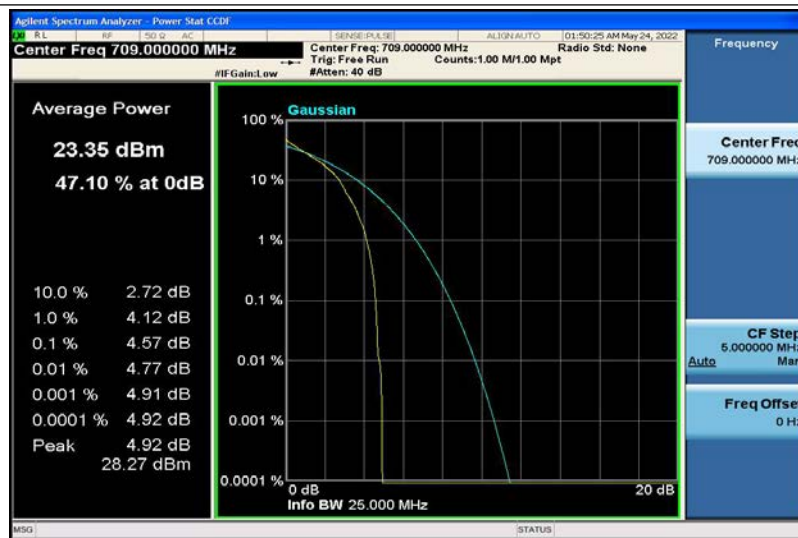
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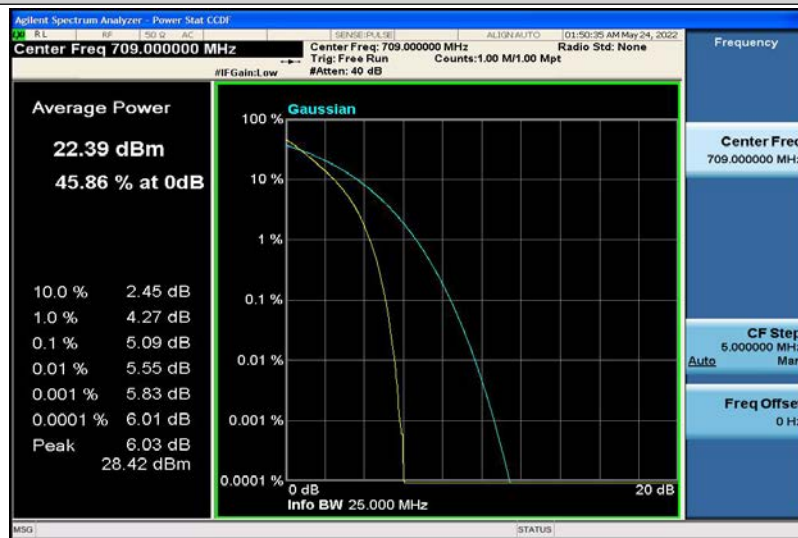
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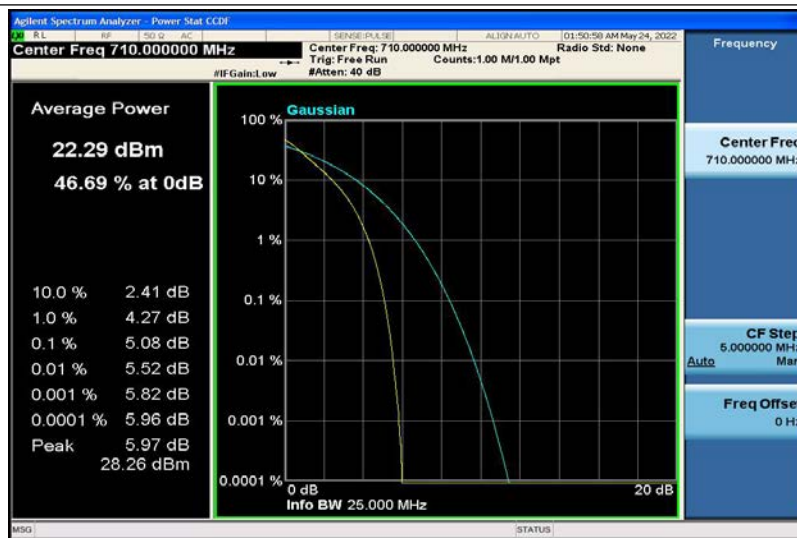
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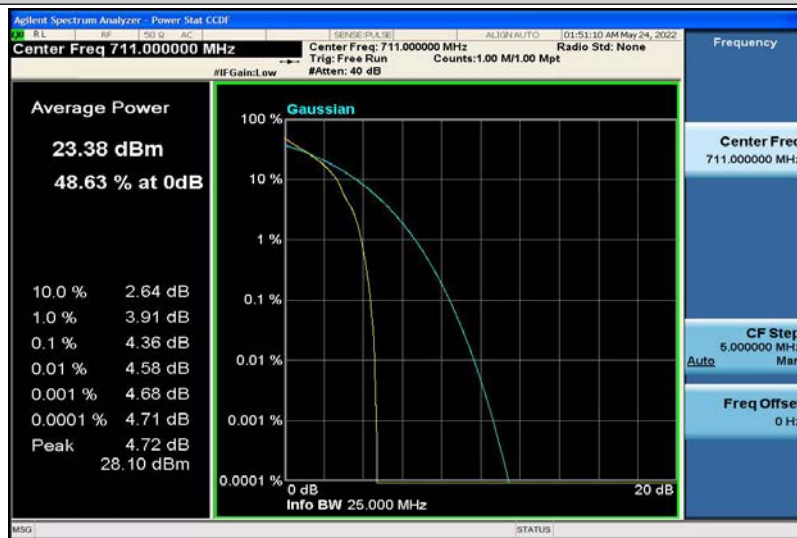
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Band17-10MHz-QPSK-23790-1RB#0



Band17-10MHz-QPSK-23790-50RB#0



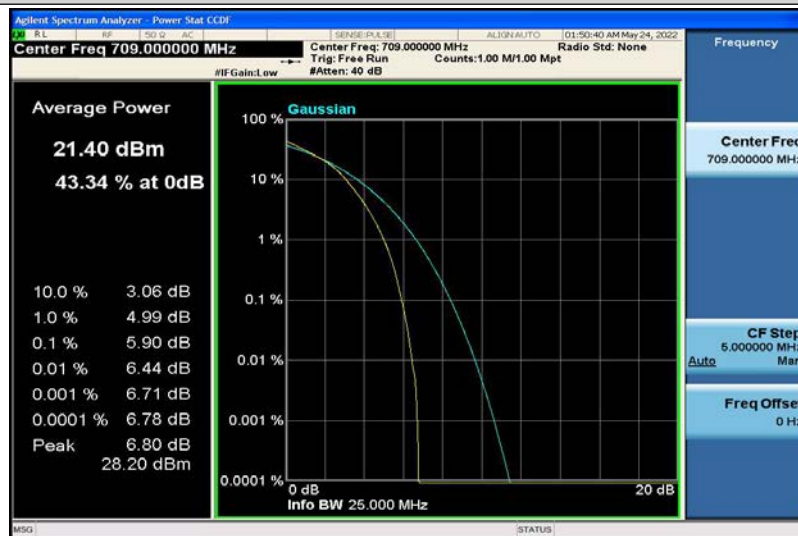
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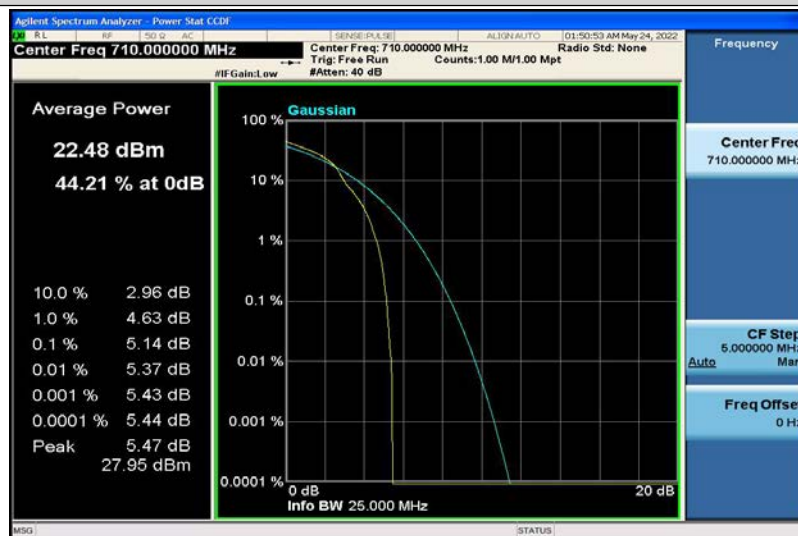
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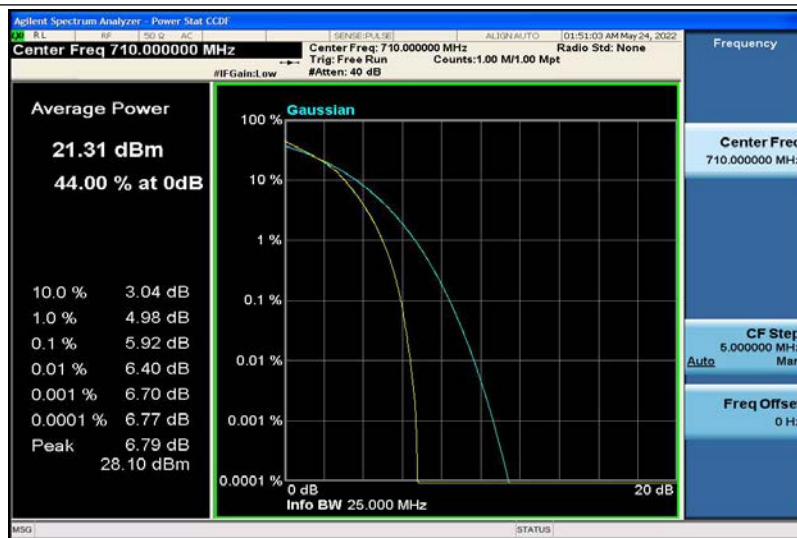
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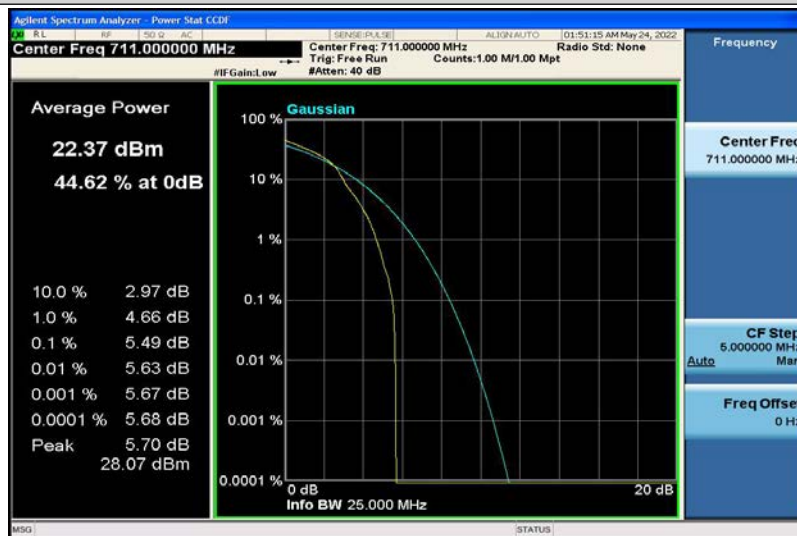
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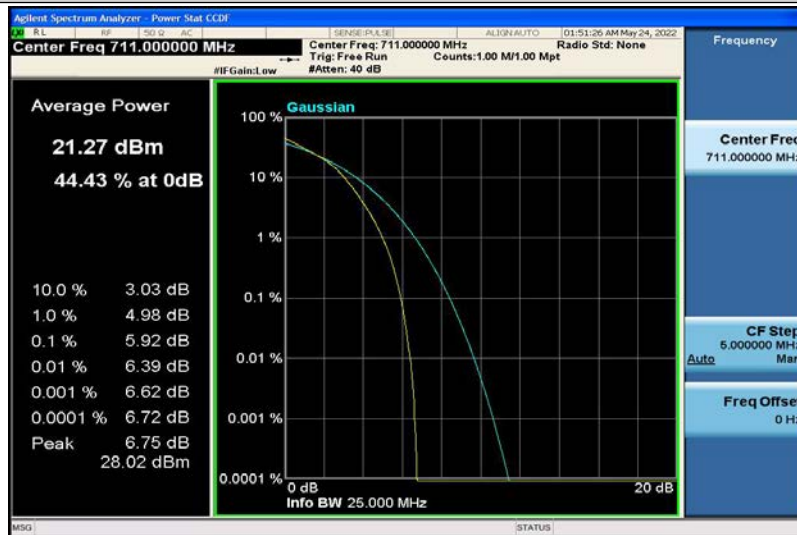
Band17-10MHz-16QAM-23790-1RB#0



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	1.0788	1.249	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	1.0801	1.255	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1.0813	1.252	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1.0787	1.240	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.0782	1.250	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1.0793	1.241	PASS
Band2	3MHz	QPSK	18615	15RB#0	2.6794	2.870	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.6815	2.861	PASS
Band2	3MHz	QPSK	19185	15RB#0	2.6791	2.870	PASS
Band2	3MHz	16QAM	18615	15RB#0	2.6740	2.851	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.6789	2.849	PASS
Band2	3MHz	16QAM	19185	15RB#0	2.6730	2.853	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.4728	5.050	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.4817	5.060	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.4907	5.054	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.4861	5.028	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.4838	5.063	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.4833	4.988	PASS
Band2	10MHz	QPSK	18650	50RB#0	8.9664	9.894	PASS
Band2	10MHz	QPSK	18900	50RB#0	8.9477	9.814	PASS
Band2	10MHz	QPSK	19150	50RB#0	8.9714	9.932	PASS
Band2	10MHz	16QAM	18650	50RB#0	8.9599	9.923	PASS
Band2	10MHz	16QAM	18900	50RB#0	8.9535	9.841	PASS
Band2	10MHz	16QAM	19150	50RB#0	8.9433	9.818	PASS
Band2	15MHz	QPSK	18675	75RB#0	13.433	14.87	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.425	15.01	PASS
Band2	15MHz	QPSK	19125	75RB#0	13.450	14.81	PASS
Band2	15MHz	16QAM	18675	75RB#0	13.437	14.65	PASS
Band2	15MHz	16QAM	18900	75RB#0	13.440	14.70	PASS
Band2	15MHz	16QAM	19125	75RB#0	13.430	14.75	PASS
Band2	20MHz	QPSK	18700	100RB#0	17.916	19.70	PASS
Band2	20MHz	QPSK	18900	100RB#0	17.868	19.34	PASS
Band2	20MHz	QPSK	19100	100RB#0	17.843	19.13	PASS
Band2	20MHz	16QAM	18700	100RB#0	17.881	19.40	PASS
Band2	20MHz	16QAM	18900	100RB#0	17.904	19.50	PASS
Band2	20MHz	16QAM	19100	100RB#0	17.889	19.38	PASS

Band4	1.4MHz	QPSK	19957	6RB#0	1.0897	1.548	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.0838	1.258	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.0807	1.261	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.0836	1.322	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.0798	1.238	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.0799	1.248	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.6826	2.984	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.6812	2.863	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.6762	2.849	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.6770	2.873	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.6782	2.855	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.6749	2.867	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.4846	5.530	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.4905	5.075	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.4936	5.064	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.4968	5.385	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.4907	5.044	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.4815	5.021	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.9640	10.05	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.9455	9.858	PASS
Band4	10MHz	QPSK	20350	50RB#0	8.9711	9.924	PASS
Band4	10MHz	16QAM	20000	50RB#0	8.9597	9.894	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.9513	9.832	PASS
Band4	10MHz	16QAM	20350	50RB#0	8.9531	9.746	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.458	15.18	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.410	14.73	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.443	14.85	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.436	14.72	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.444	14.70	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.417	14.71	PASS
Band4	20MHz	QPSK	20050	100RB#0	17.892	19.38	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.895	19.25	PASS
Band4	20MHz	QPSK	20300	100RB#0	17.898	19.29	PASS
Band4	20MHz	16QAM	20050	100RB#0	17.886	19.48	PASS
Band4	20MHz	16QAM	20175	100RB#0	17.922	19.56	PASS
Band4	20MHz	16QAM	20300	100RB#0	17.863	19.35	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	1.0760	1.236	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.0848	1.256	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.0764	1.236	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.0812	1.265	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.0812	1.242	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.0801	1.254	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.6734	2.845	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.6811	2.876	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.6773	2.868	PASS

Band5	3MHz	16QAM	20415	15RB#0	2.6748	2.852	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.6750	2.860	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.6712	2.862	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.4907	5.051	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.4745	5.065	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.4895	5.052	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.4743	4.989	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.4826	5.031	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.4766	4.974	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.9669	9.981	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.9519	9.899	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.9608	9.893	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.9521	9.791	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.9611	9.868	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.9523	9.739	PASS
Band7	5MHz	QPSK	20775	25RB#0	4.4767	5.049	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.4827	5.082	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.4876	5.186	PASS
Band7	5MHz	16QAM	20775	25RB#0	4.4858	5.065	PASS
Band7	5MHz	16QAM	21100	25RB#0	4.4922	5.065	PASS
Band7	5MHz	16QAM	21425	25RB#0	4.4820	5.026	PASS
Band7	10MHz	QPSK	20800	50RB#0	8.9566	9.934	PASS
Band7	10MHz	QPSK	21100	50RB#0	8.9512	9.827	PASS
Band7	10MHz	QPSK	21400	50RB#0	8.9691	10.22	PASS
Band7	10MHz	16QAM	20800	50RB#0	8.9626	9.926	PASS
Band7	10MHz	16QAM	21100	50RB#0	8.9587	9.875	PASS
Band7	10MHz	16QAM	21400	50RB#0	8.9497	9.780	PASS
Band7	15MHz	QPSK	20825	75RB#0	13.446	14.95	PASS
Band7	15MHz	QPSK	21100	75RB#0	13.412	15.23	PASS
Band7	15MHz	QPSK	21375	75RB#0	13.435	14.84	PASS
Band7	15MHz	16QAM	20825	75RB#0	13.449	14.65	PASS
Band7	15MHz	16QAM	21100	75RB#0	13.431	14.69	PASS
Band7	15MHz	16QAM	21375	75RB#0	13.432	14.73	PASS
Band7	20MHz	QPSK	20850	100RB#0	17.887	19.32	PASS
Band7	20MHz	QPSK	21100	100RB#0	17.887	19.20	PASS
Band7	20MHz	QPSK	21350	100RB#0	17.868	19.58	PASS
Band7	20MHz	16QAM	20850	100RB#0	17.903	19.62	PASS
Band7	20MHz	16QAM	21100	100RB#0	17.917	19.34	PASS
Band7	20MHz	16QAM	21350	100RB#0	17.849	19.49	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	1.0759	1.238	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.0830	1.231	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.0802	1.260	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1.0817	1.262	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.0772	1.232	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1.0758	1.220	PASS

Band12	3MHz	QPSK	23025	15RB#0	2.6761	2.864	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.6787	2.858	PASS
Band12	3MHz	QPSK	23165	15RB#0	2.6739	2.850	PASS
Band12	3MHz	16QAM	23025	15RB#0	2.6716	2.863	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.6782	2.854	PASS
Band12	3MHz	16QAM	23165	15RB#0	2.6735	2.864	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.4715	4.997	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.4902	5.050	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.4839	5.028	PASS
Band12	5MHz	16QAM	23035	25RB#0	4.4811	5.069	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.4905	5.079	PASS
Band12	5MHz	16QAM	23155	25RB#0	4.4766	4.950	PASS
Band12	10MHz	QPSK	23060	50RB#0	8.9843	10.15	PASS
Band12	10MHz	QPSK	23095	50RB#0	8.9642	9.957	PASS
Band12	10MHz	QPSK	23130	50RB#0	8.9236	9.698	PASS
Band12	10MHz	16QAM	23060	50RB#0	8.9742	9.796	PASS
Band12	10MHz	16QAM	23095	50RB#0	8.9773	9.870	PASS
Band12	10MHz	16QAM	23130	50RB#0	8.9420	9.829	PASS
Band17	5MHz	QPSK	23755	25RB#0	4.4741	5.031	PASS
Band17	5MHz	QPSK	23790	25RB#0	4.4843	5.030	PASS
Band17	5MHz	QPSK	23825	25RB#0	4.4883	5.028	PASS
Band17	5MHz	16QAM	23755	25RB#0	4.4877	5.074	PASS
Band17	5MHz	16QAM	23790	25RB#0	4.4812	5.050	PASS
Band17	5MHz	16QAM	23825	25RB#0	4.4732	4.945	PASS
Band17	10MHz	QPSK	23780	50RB#0	8.9407	9.866	PASS
Band17	10MHz	QPSK	23790	50RB#0	8.9359	9.716	PASS
Band17	10MHz	QPSK	23800	50RB#0	8.9451	9.881	PASS
Band17	10MHz	16QAM	23780	50RB#0	8.9478	9.806	PASS
Band17	10MHz	16QAM	23790	50RB#0	8.9445	9.716	PASS
Band17	10MHz	16QAM	23800	50RB#0	8.9319	9.697	PASS

Test Graphs



Band2-1.4MHz-QPSK-18607-6RB#0-1.0788



Band2-1.4MHz-QPSK-18900-6RB#0-1.0801



Band2-1.4MHz-QPSK-19193-6RB#0-1.0813



Band2-1.4MHz-16QAM-18607-6RB#0-1.0787



Band2-1.4MHz-16QAM-18900-6RB#0-1.0782



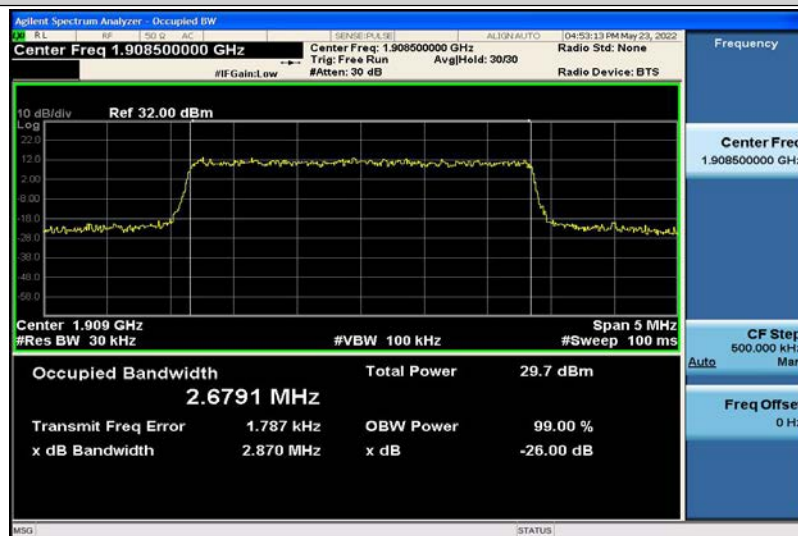
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Band2-3MHz-QPSK-18615-15RB#0-2.6794



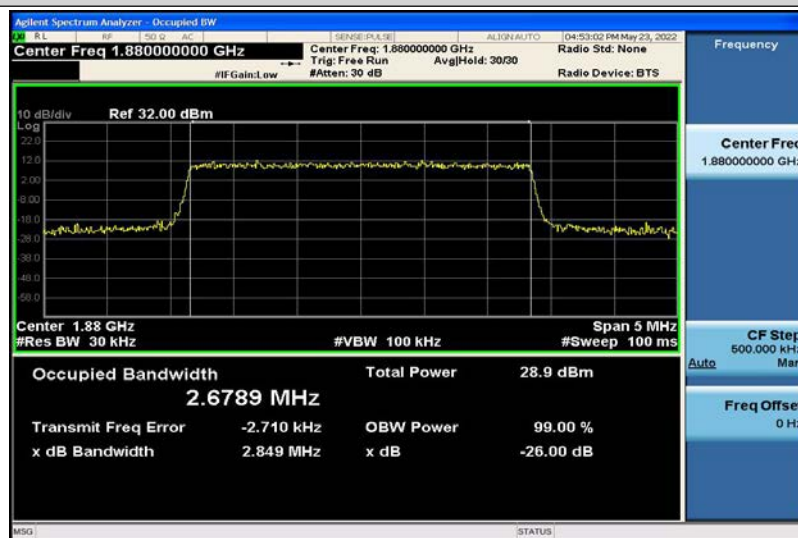
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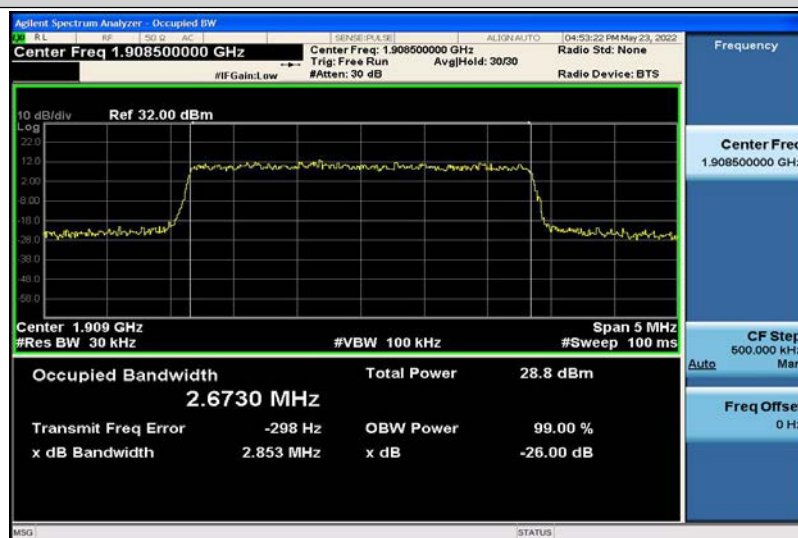
Band2-3MHz-QPSK-19185-15RB#0-2.6791



Band2-3MHz-16QAM-18615-15RB#0-2.6740



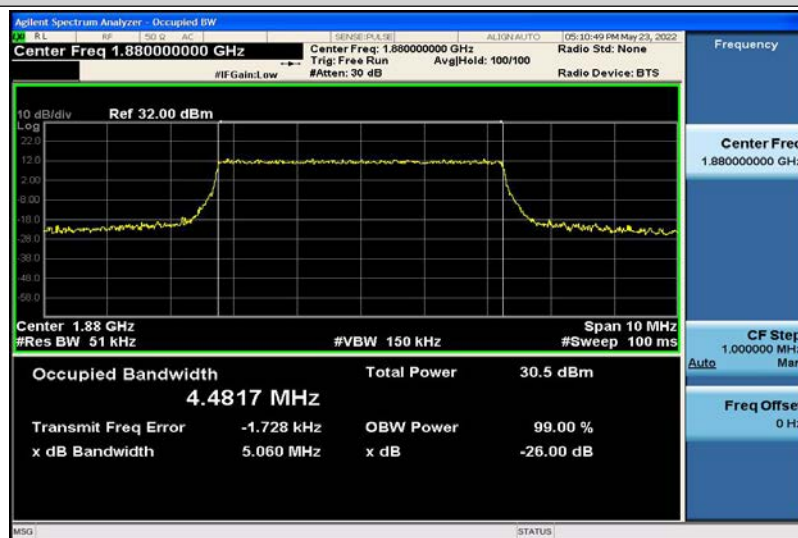
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Band2-3MHz-16QAM-19185-15RB#0-2.6730



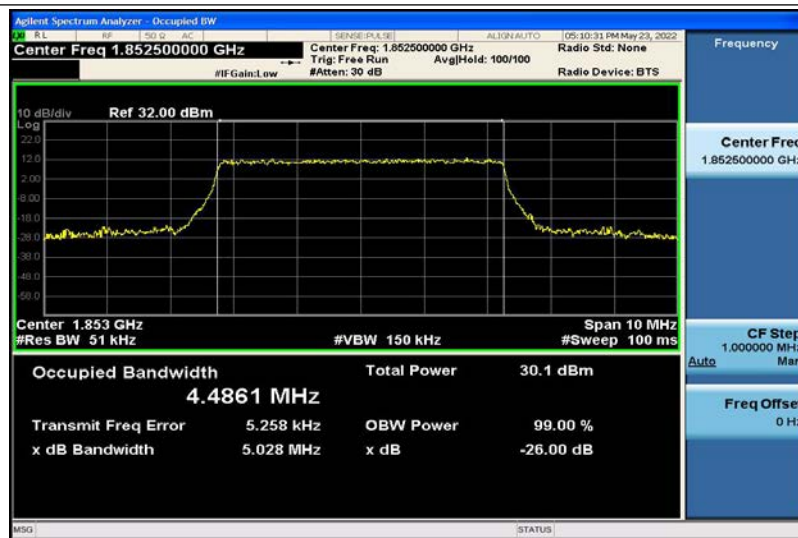
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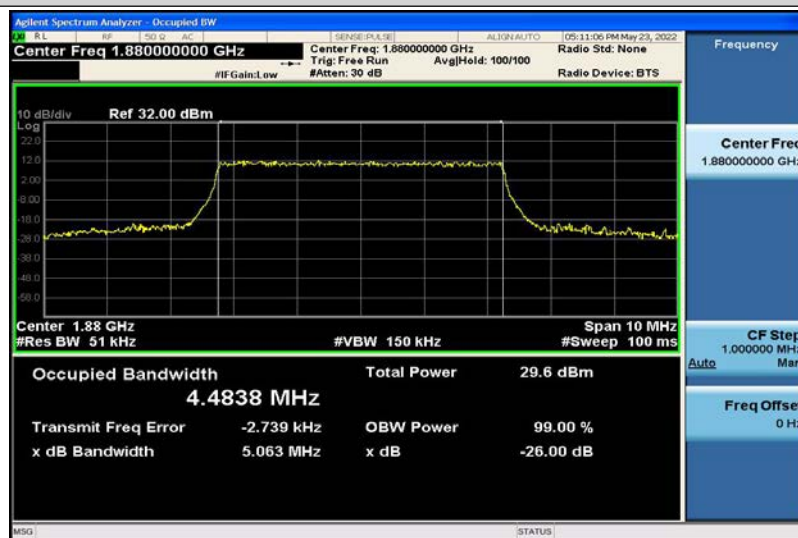
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Band2-5MHz-QPSK-19175-25RB#0-4.4907



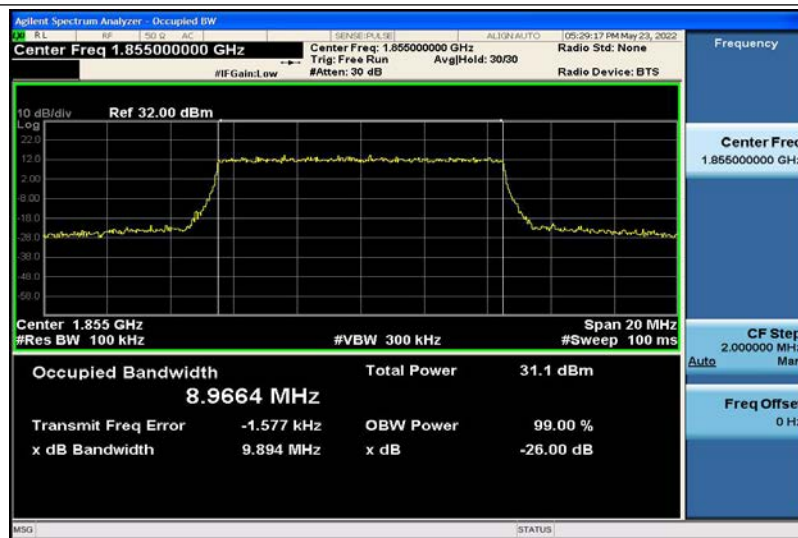
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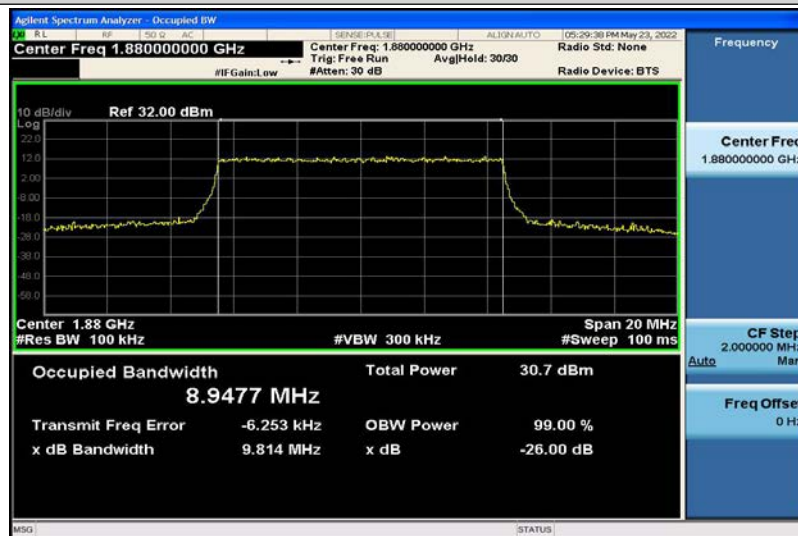
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Band2-5MHz-16QAM-19175-25RB#0-4.4833



Band2-10MHz-QPSK-18650-50RB#0-8.9664



Band2-10MHz-QPSK-18900-50RB#0-8.9477



Band2-10MHz-QPSK-19150-50RB#0-8.9714



Band2-10MHz-16QAM-18650-50RB#0-8.9599



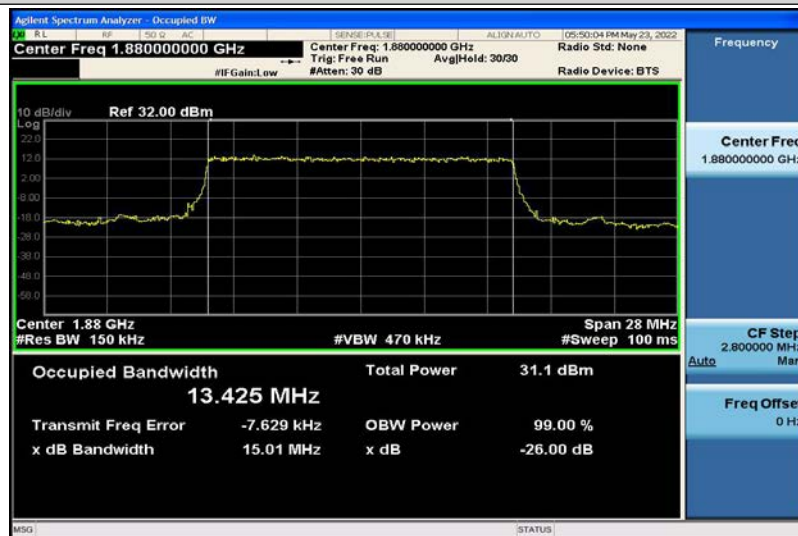
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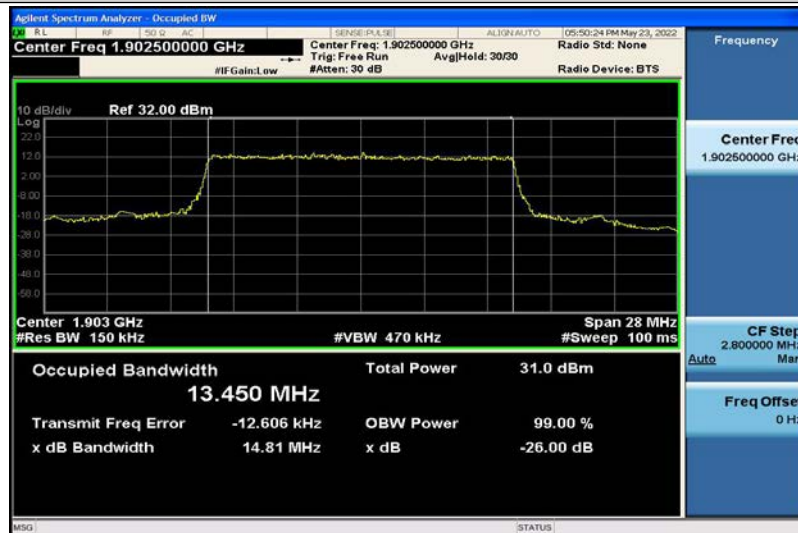
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Band2-15MHz-QPSK-18675-75RB#0-13.433



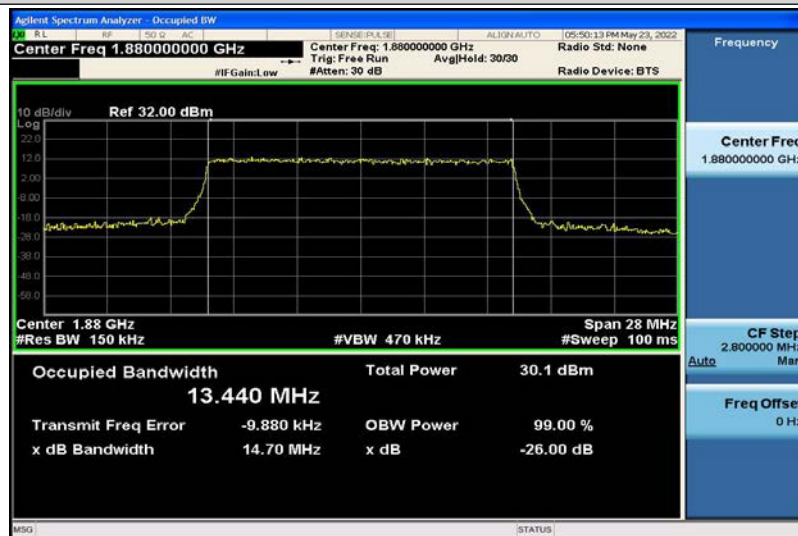
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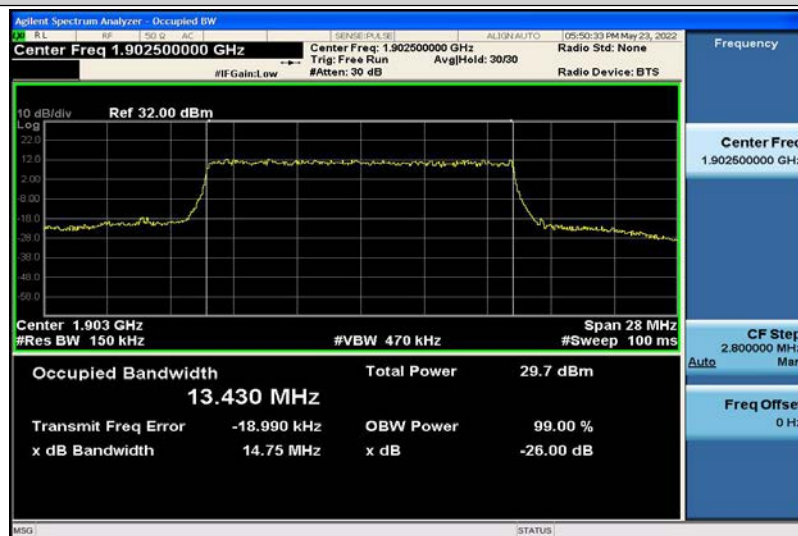
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Band2-15MHz-16QAM-18675-75RB#0-13.437



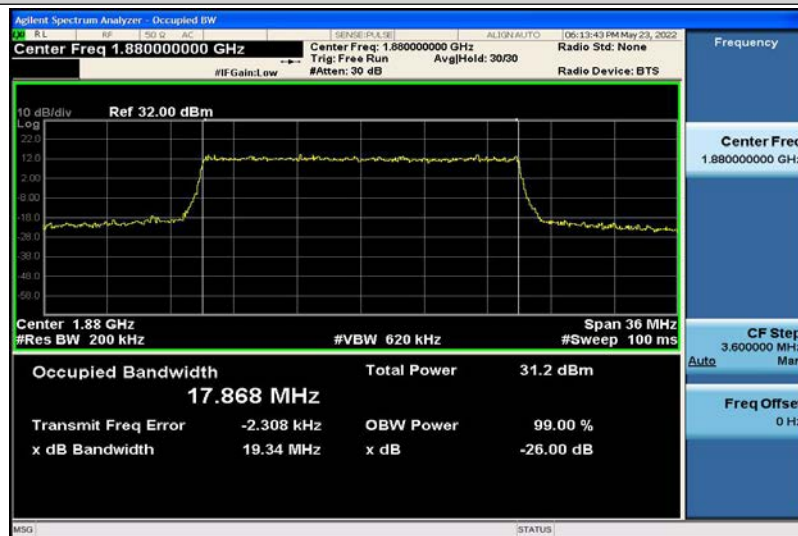
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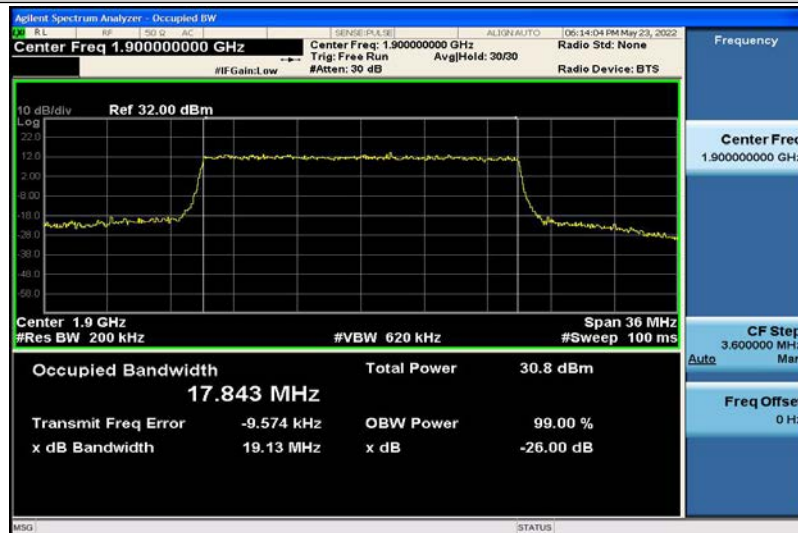
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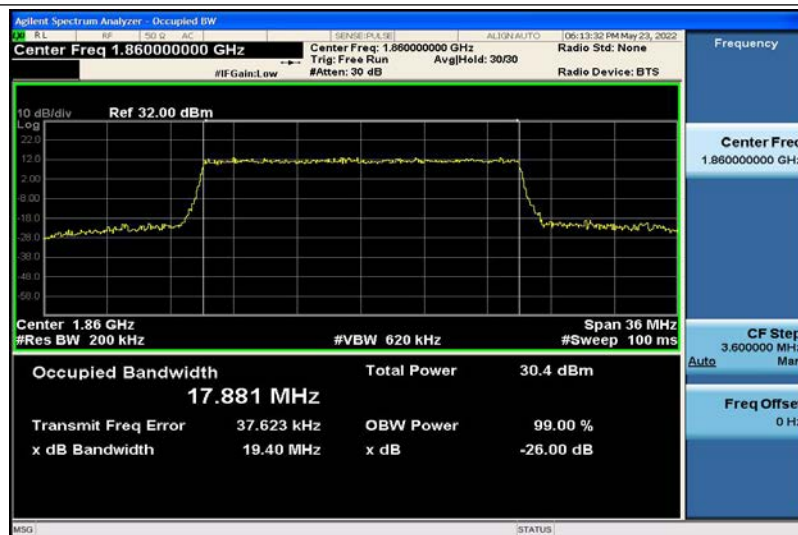
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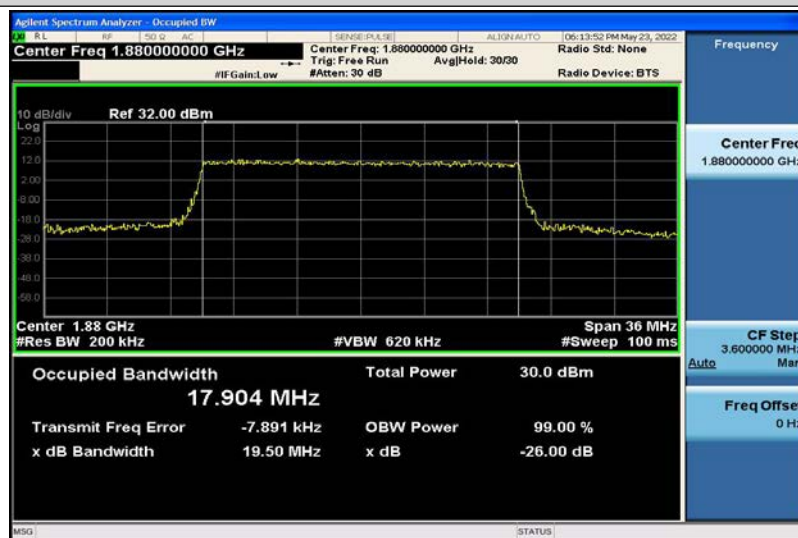
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Band2-20MHz-QPSK-19100-100RB#0-17.843



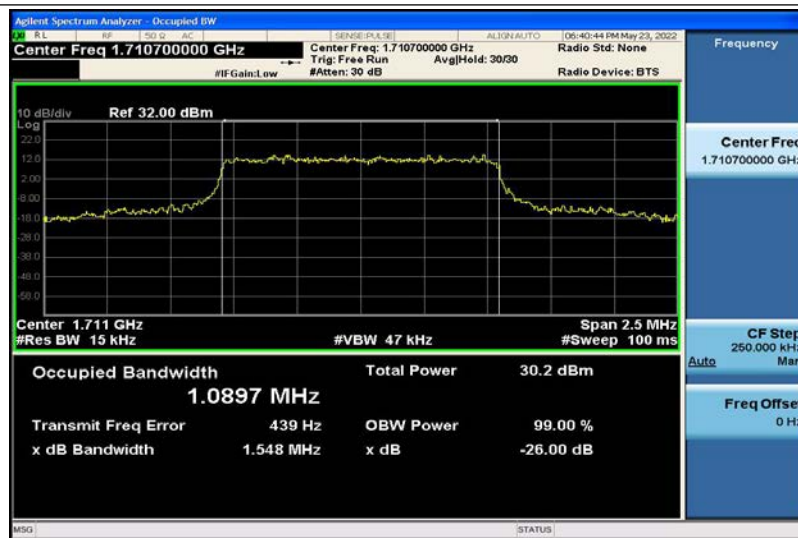
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Band2-20MHz-16QAM-18900-100RB#0-17.904



Band2-20MHz-16QAM-19100-100RB#0-17.889



Band4-1.4MHz-QPSK-19957-6RB#0-1.0897



Band4-1.4MHz-QPSK-20175-6RB#0-1.0838



Band4-1.4MHz-QPSK-20393-6RB#0-1.0807



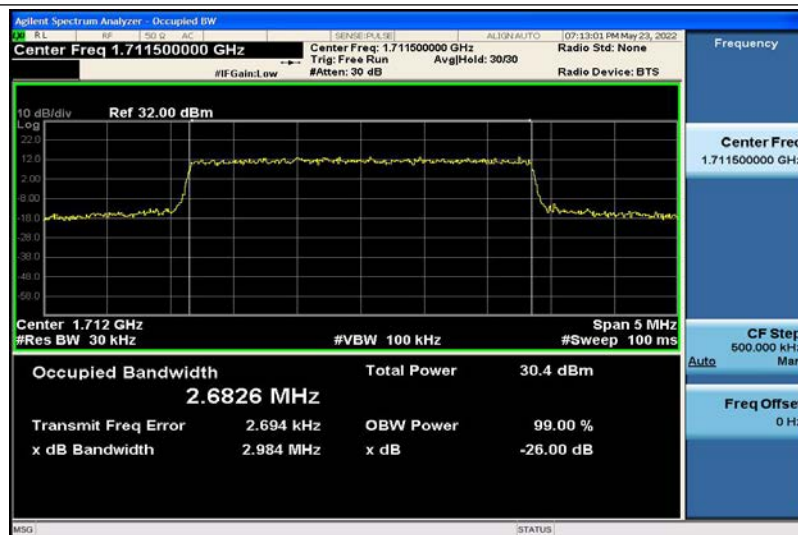
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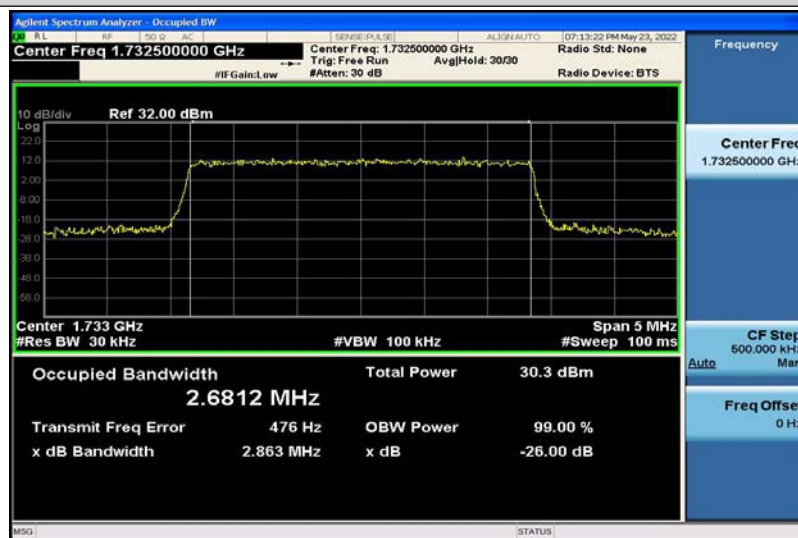
Band4-1.4MHz-16QAM-20175-6RB#0-1.0798



Band4-1.4MHz-16QAM-20393-6RB#0-1.0799



Band4-3MHz-QPSK-19965-15RB#0-2.6826



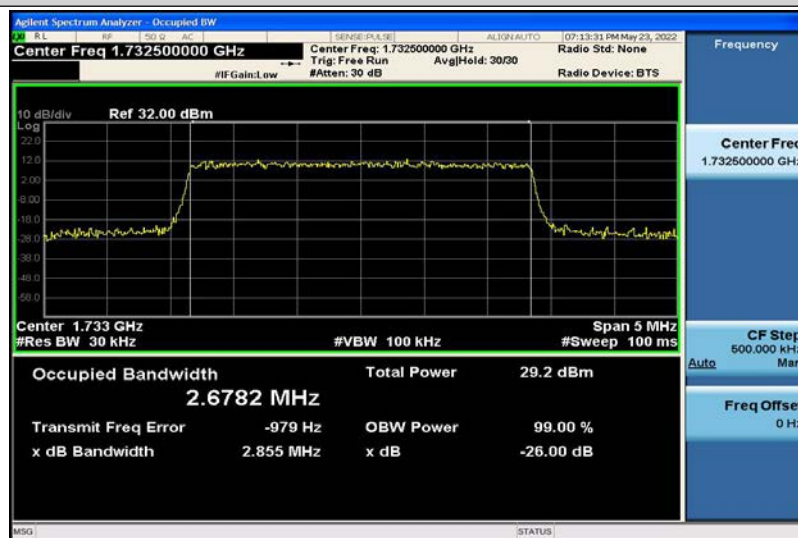
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Band4-3MHz-QPSK-20385-15RB#0-2.6762



Band4-3MHz-16QAM-19965-15RB#0-2.6770



Band4-3MHz-16QAM-20175-15RB#0-2.6782



Band4-3MHz-16QAM-20385-15RB#0-2.6749