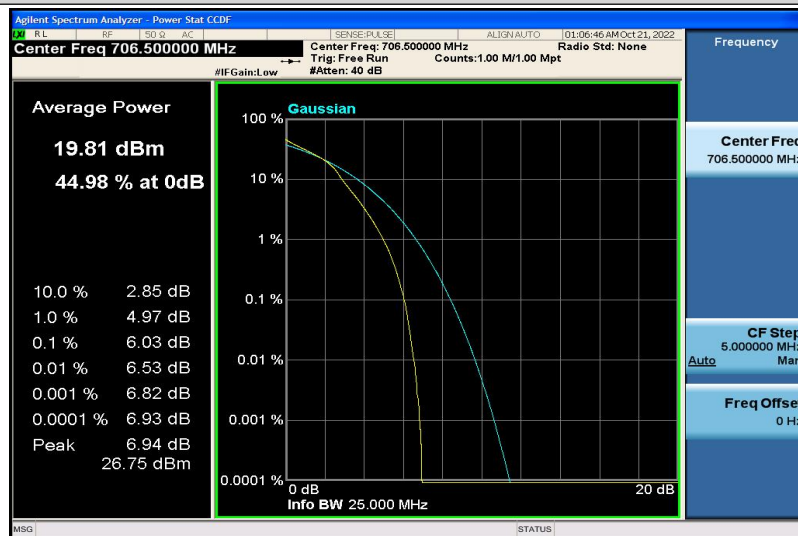




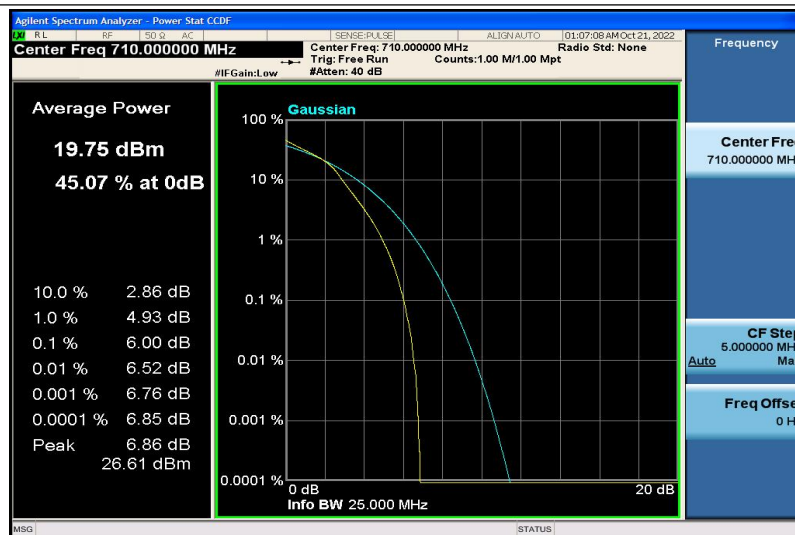
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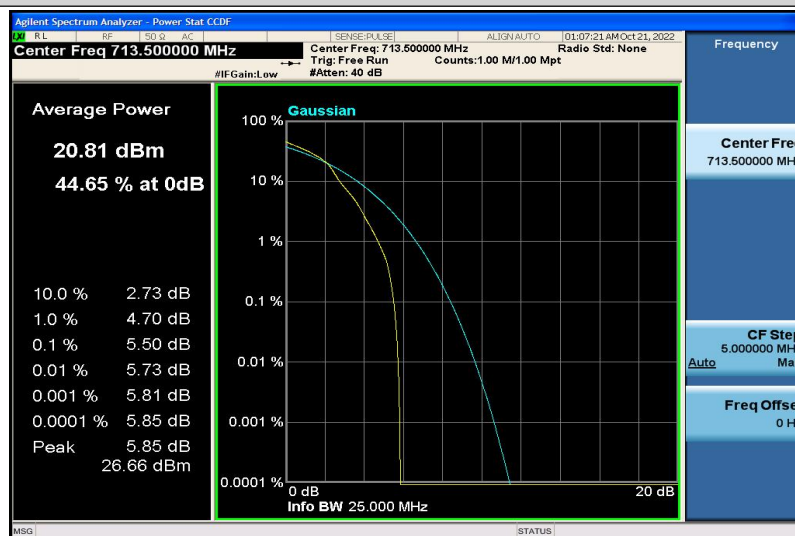
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Band17-5MHz-16QAM-23790-1RB#0



Band17-5MHz-16QAM-23790-25RB#0



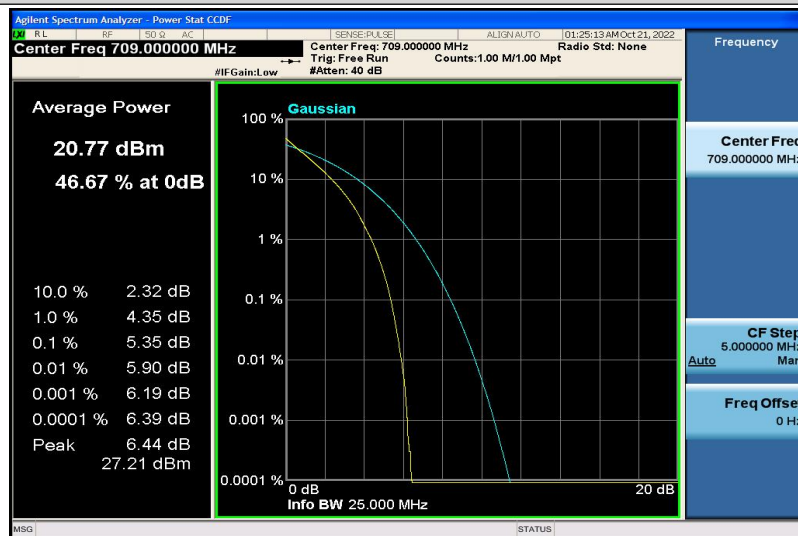
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Band17-10MHz-QPSK-23780-1RB#0



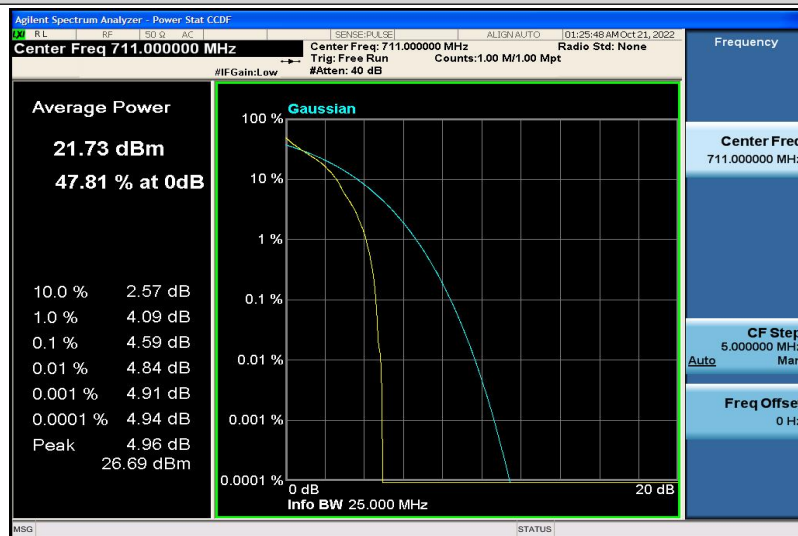
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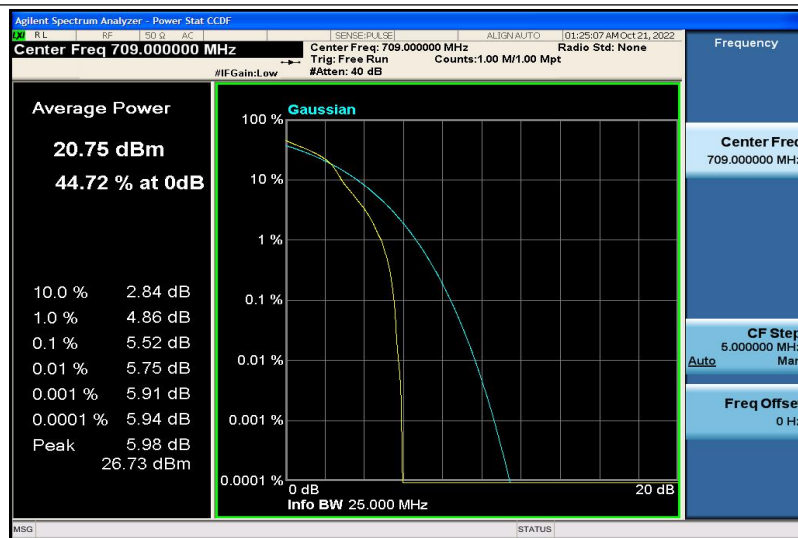
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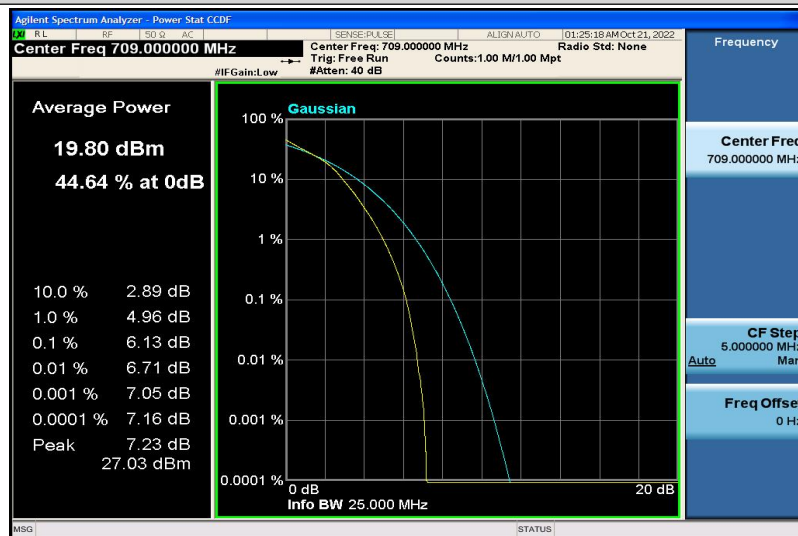
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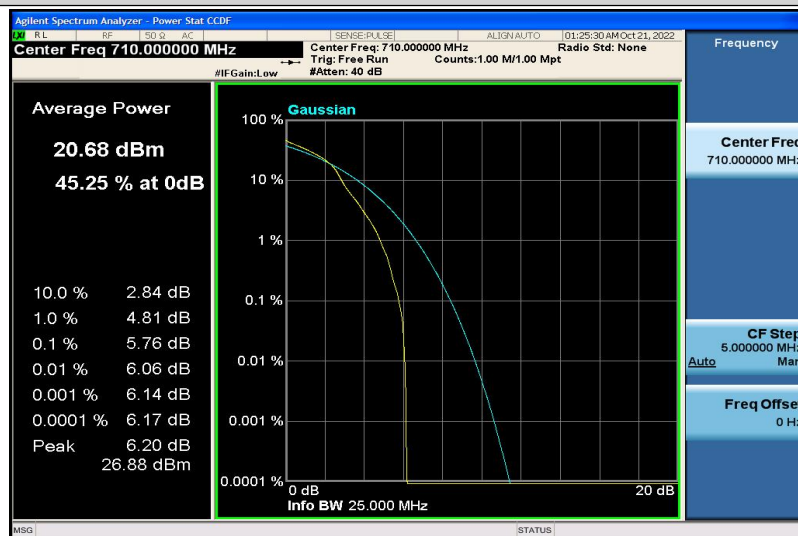
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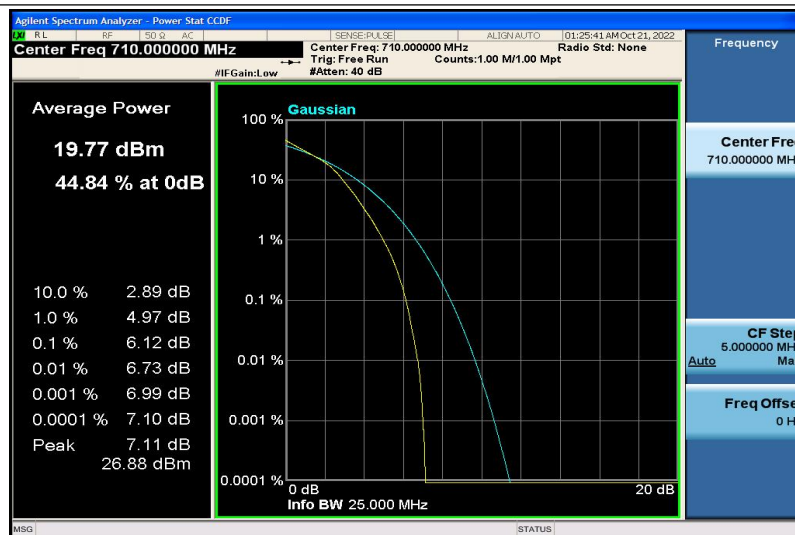
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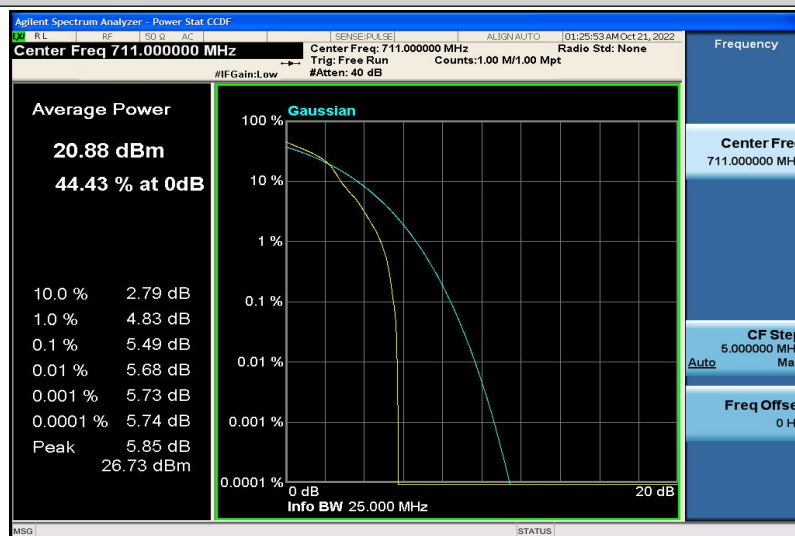
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Band17-10MHz-16QAM-23790-1RB#0



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	1.0826	1.282	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	1.0813	1.249	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1.0820	1.252	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1.0800	1.249	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.0775	1.256	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1.0783	1.266	PASS
Band2	3MHz	QPSK	18615	15RB#0	2.6773	2.850	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.6763	2.880	PASS
Band2	3MHz	QPSK	19185	15RB#0	2.6833	2.860	PASS
Band2	3MHz	16QAM	18615	15RB#0	2.6755	2.870	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.6732	2.858	PASS
Band2	3MHz	16QAM	19185	15RB#0	2.6775	2.864	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.4743	5.018	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.4888	5.027	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.4891	5.057	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.4845	5.222	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.4883	5.046	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.4758	4.959	PASS
Band2	10MHz	QPSK	18650	50RB#0	8.9347	9.823	PASS
Band2	10MHz	QPSK	18900	50RB#0	8.9393	9.768	PASS
Band2	10MHz	QPSK	19150	50RB#0	8.9782	9.938	PASS
Band2	10MHz	16QAM	18650	50RB#0	8.9406	9.814	PASS
Band2	10MHz	16QAM	18900	50RB#0	8.9450	9.786	PASS
Band2	10MHz	16QAM	19150	50RB#0	8.9625	9.712	PASS
Band2	15MHz	QPSK	18675	75RB#0	13.424	14.82	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.402	14.60	PASS
Band2	15MHz	QPSK	19125	75RB#0	13.449	14.81	PASS
Band2	15MHz	16QAM	18675	75RB#0	13.399	14.59	PASS
Band2	15MHz	16QAM	18900	75RB#0	13.429	14.70	PASS
Band2	15MHz	16QAM	19125	75RB#0	13.430	14.70	PASS
Band2	20MHz	QPSK	18700	100RB#0	17.890	20.04	PASS
Band2	20MHz	QPSK	18900	100RB#0	17.869	19.29	PASS
Band2	20MHz	QPSK	19100	100RB#0	17.887	19.29	PASS
Band2	20MHz	16QAM	18700	100RB#0	17.868	19.66	PASS
Band2	20MHz	16QAM	18900	100RB#0	17.896	19.53	PASS
Band2	20MHz	16QAM	19100	100RB#0	17.872	19.32	PASS

Band4	1.4MHz	QPSK	19957	6RB#0	1.0778	1.245	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.0831	1.227	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.0779	1.242	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.0798	1.242	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.0781	1.238	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.0785	1.245	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.6785	2.875	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.6809	2.856	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.6802	2.878	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.6735	2.855	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.6769	2.855	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.6704	2.858	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.4745	5.021	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.4847	5.061	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.4903	5.036	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.4863	5.051	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.4835	5.039	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.4748	4.944	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.9604	9.828	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.9404	9.792	PASS
Band4	10MHz	QPSK	20350	50RB#0	8.9523	9.937	PASS
Band4	10MHz	16QAM	20000	50RB#0	8.9632	9.900	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.9485	9.877	PASS
Band4	10MHz	16QAM	20350	50RB#0	8.9417	9.766	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.436	14.83	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.404	14.70	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.436	14.67	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.435	14.55	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.411	14.64	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.420	14.77	PASS
Band4	20MHz	QPSK	20050	100RB#0	17.929	19.63	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.859	19.30	PASS
Band4	20MHz	QPSK	20300	100RB#0	17.867	19.17	PASS
Band4	20MHz	16QAM	20050	100RB#0	17.887	19.48	PASS
Band4	20MHz	16QAM	20175	100RB#0	17.898	19.56	PASS
Band4	20MHz	16QAM	20300	100RB#0	17.894	19.39	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	1.0769	1.237	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.0810	1.240	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.0776	1.225	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.0802	1.267	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.0799	1.244	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.0807	1.260	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.6742	2.851	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.6780	2.869	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.6760	2.852	PASS

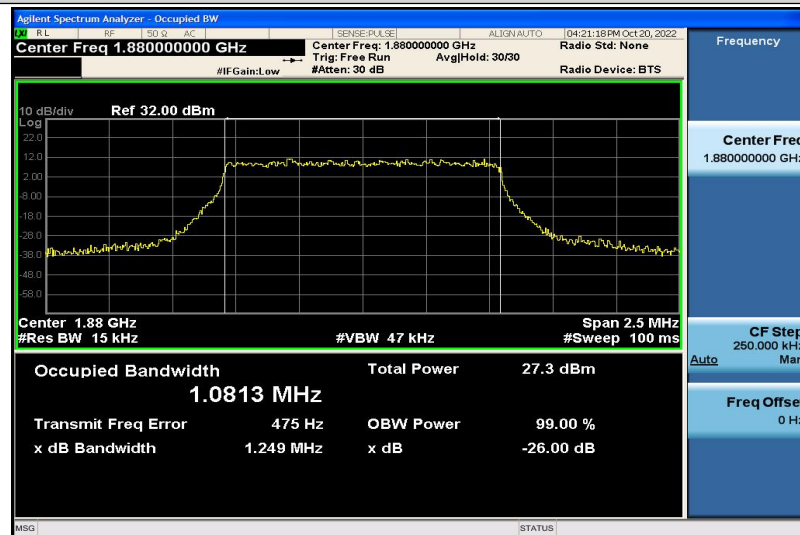
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Band5	3MHz	16QAM	20525	15RB#0	2.6740	2.856	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.6708	2.861	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.4893	5.416	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.4753	5.053	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.4858	5.050	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.4778	5.105	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.4864	5.045	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.4793	4.972	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.9624	9.939	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.9702	10.09	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.9699	9.988	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.9422	9.746	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.9558	10.18	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.9529	9.684	PASS
Band7	5MHz	QPSK	20775	25RB#0	4.4746	5.037	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.4873	5.042	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.4881	5.055	PASS
Band7	5MHz	16QAM	20775	25RB#0	4.4830	5.058	PASS
Band7	5MHz	16QAM	21100	25RB#0	4.4889	5.056	PASS
Band7	5MHz	16QAM	21425	25RB#0	4.4792	4.971	PASS
Band7	10MHz	QPSK	20800	50RB#0	8.9538	9.922	PASS
Band7	10MHz	QPSK	21100	50RB#0	8.9537	9.819	PASS
Band7	10MHz	QPSK	21400	50RB#0	8.9566	9.927	PASS
Band7	10MHz	16QAM	20800	50RB#0	8.9520	9.834	PASS
Band7	10MHz	16QAM	21100	50RB#0	8.9576	9.873	PASS
Band7	10MHz	16QAM	21400	50RB#0	8.9502	9.824	PASS
Band7	15MHz	QPSK	20825	75RB#0	13.432	14.79	PASS
Band7	15MHz	QPSK	21100	75RB#0	13.399	14.68	PASS
Band7	15MHz	QPSK	21375	75RB#0	13.441	14.72	PASS
Band7	15MHz	16QAM	20825	75RB#0	13.442	14.47	PASS
Band7	15MHz	16QAM	21100	75RB#0	13.444	14.65	PASS
Band7	15MHz	16QAM	21375	75RB#0	13.421	14.70	PASS
Band7	20MHz	QPSK	20850	100RB#0	17.892	19.45	PASS
Band7	20MHz	QPSK	21100	100RB#0	17.872	19.37	PASS
Band7	20MHz	QPSK	21350	100RB#0	17.845	19.17	PASS
Band7	20MHz	16QAM	20850	100RB#0	17.870	19.42	PASS
Band7	20MHz	16QAM	21100	100RB#0	17.884	19.51	PASS
Band7	20MHz	16QAM	21350	100RB#0	17.895	19.33	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	1.0782	1.243	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.0813	1.239	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.0835	1.238	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1.0810	1.241	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.0784	1.244	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1.0783	1.241	PASS

Band12	3MHz	QPSK	23025	15RB#0	2.6817	2.850	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.6766	2.859	PASS
Band12	3MHz	QPSK	23165	15RB#0	2.6789	2.866	PASS
Band12	3MHz	16QAM	23025	15RB#0	2.6771	2.862	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.6741	2.859	PASS
Band12	3MHz	16QAM	23165	15RB#0	2.6732	2.857	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.4749	4.998	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.4922	5.048	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.4892	5.056	PASS
Band12	5MHz	16QAM	23035	25RB#0	4.4841	5.060	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.4889	5.050	PASS
Band12	5MHz	16QAM	23155	25RB#0	4.4784	4.978	PASS
Band12	10MHz	QPSK	23060	50RB#0	8.9577	9.956	PASS
Band12	10MHz	QPSK	23095	50RB#0	8.9497	9.949	PASS
Band12	10MHz	QPSK	23130	50RB#0	8.9419	9.781	PASS
Band12	10MHz	16QAM	23060	50RB#0	8.9499	9.760	PASS
Band12	10MHz	16QAM	23095	50RB#0	8.9599	9.841	PASS
Band12	10MHz	16QAM	23130	50RB#0	8.9533	9.796	PASS
Band17	5MHz	QPSK	23755	25RB#0	4.4898	5.062	PASS
Band17	5MHz	QPSK	23790	25RB#0	4.4716	5.015	PASS
Band17	5MHz	QPSK	23825	25RB#0	4.4855	5.045	PASS
Band17	5MHz	16QAM	23755	25RB#0	4.4812	5.000	PASS
Band17	5MHz	16QAM	23790	25RB#0	4.4816	5.035	PASS
Band17	5MHz	16QAM	23825	25RB#0	4.4855	5.030	PASS
Band17	10MHz	QPSK	23780	50RB#0	8.9501	9.723	PASS
Band17	10MHz	QPSK	23790	50RB#0	8.9510	9.898	PASS
Band17	10MHz	QPSK	23800	50RB#0	8.9422	9.767	PASS
Band17	10MHz	16QAM	23780	50RB#0	8.9540	9.852	PASS
Band17	10MHz	16QAM	23790	50RB#0	8.9448	9.787	PASS
Band17	10MHz	16QAM	23800	50RB#0	8.9456	9.770	PASS

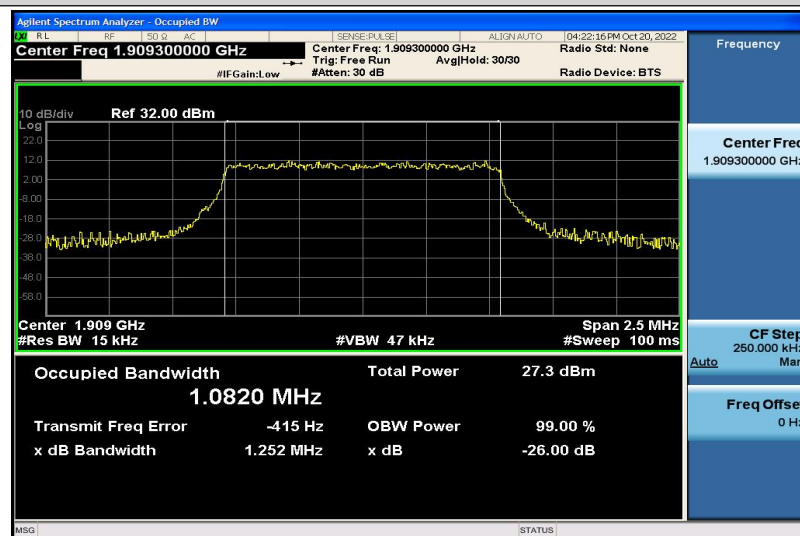
Test Graphs



Band2-1.4MHz-QPSK-18607-6RB#0-1.0826



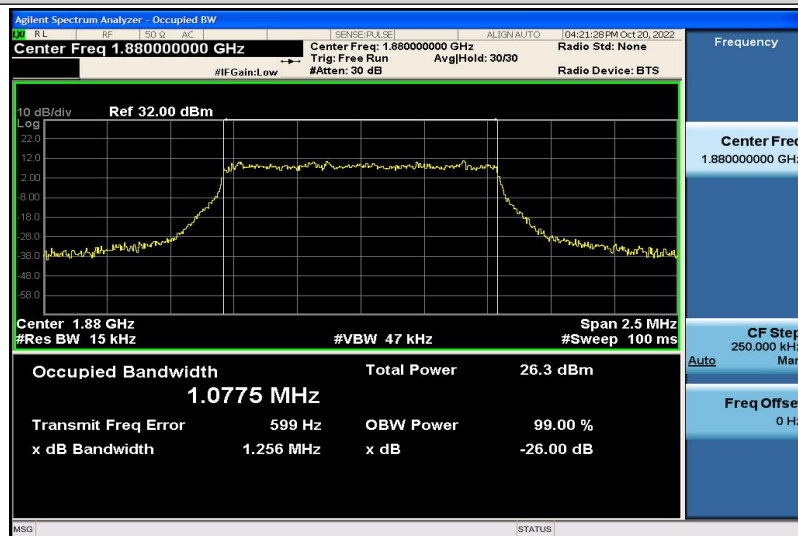
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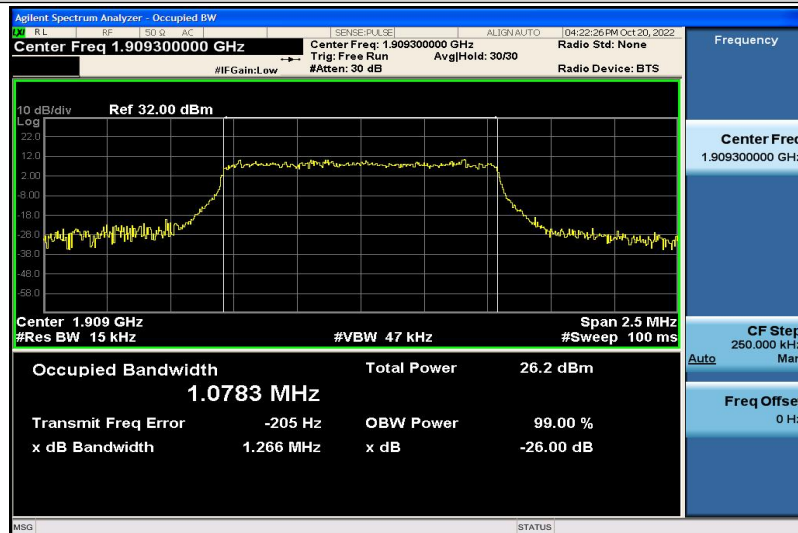
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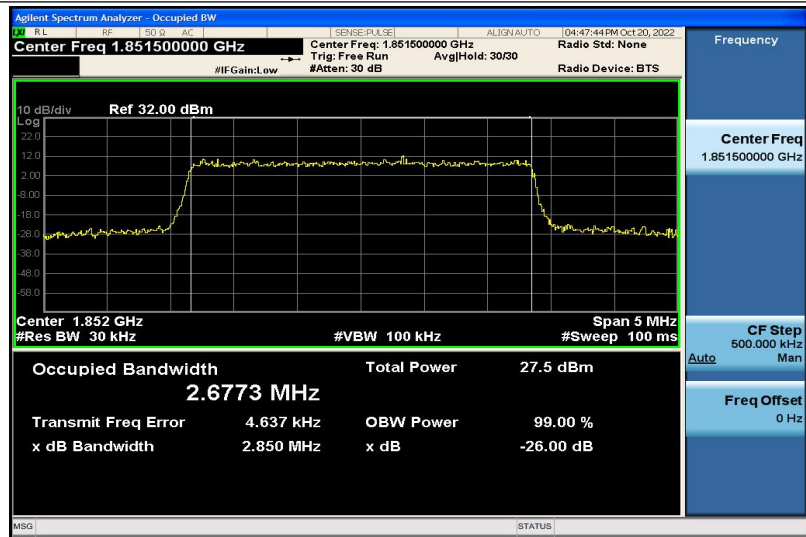
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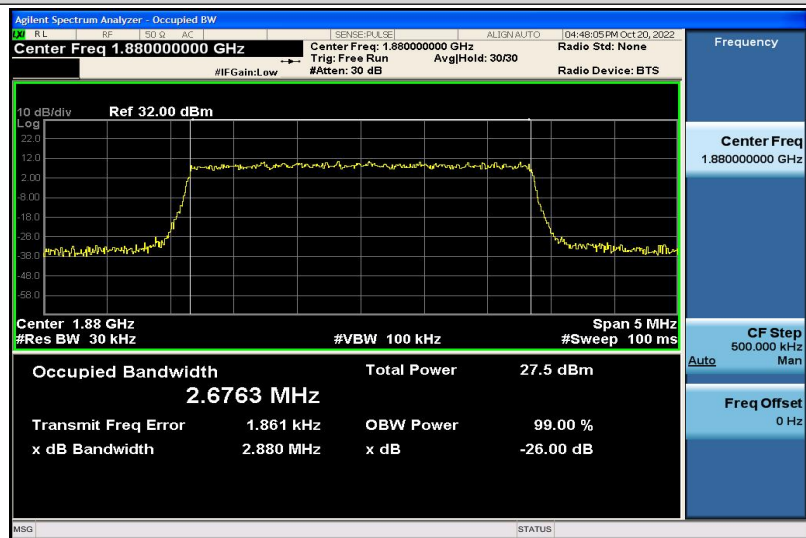
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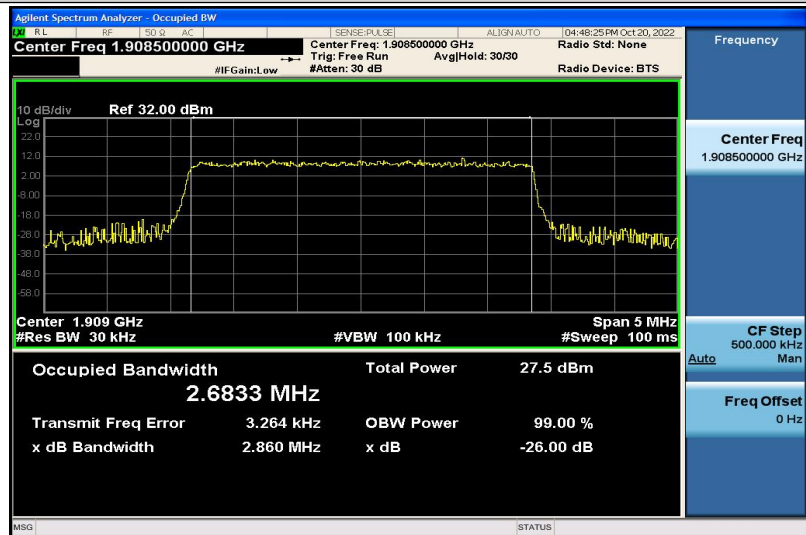
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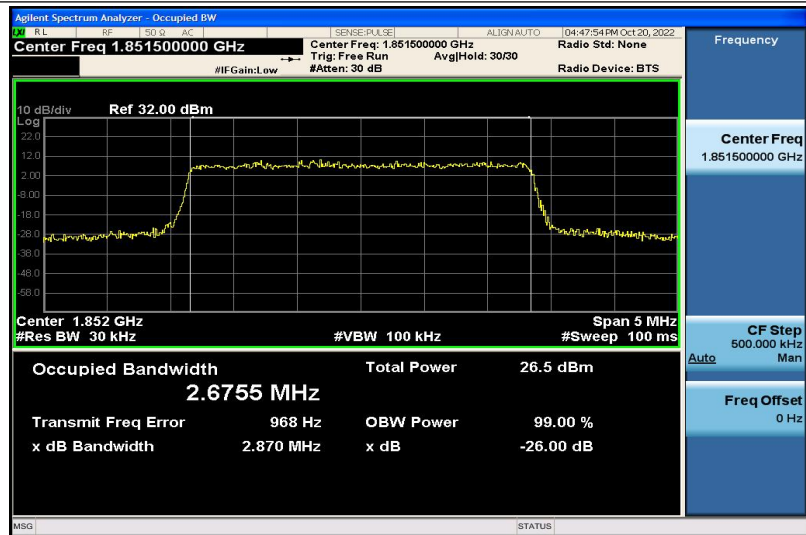
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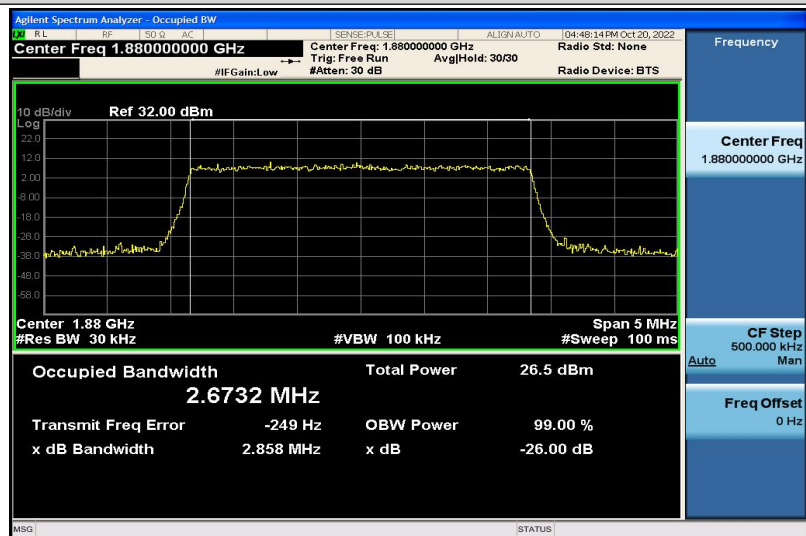
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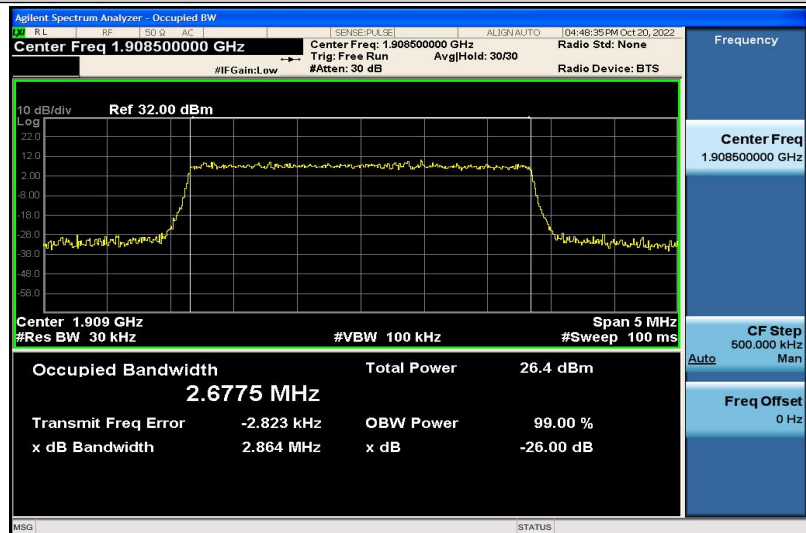
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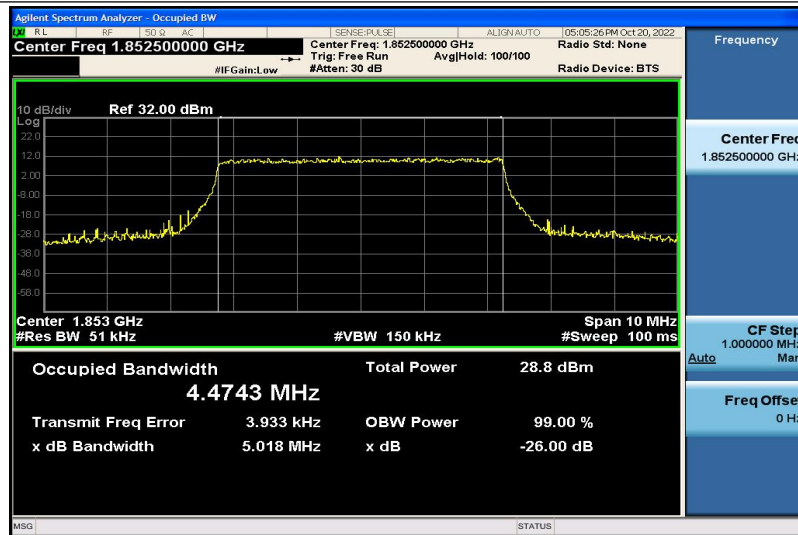
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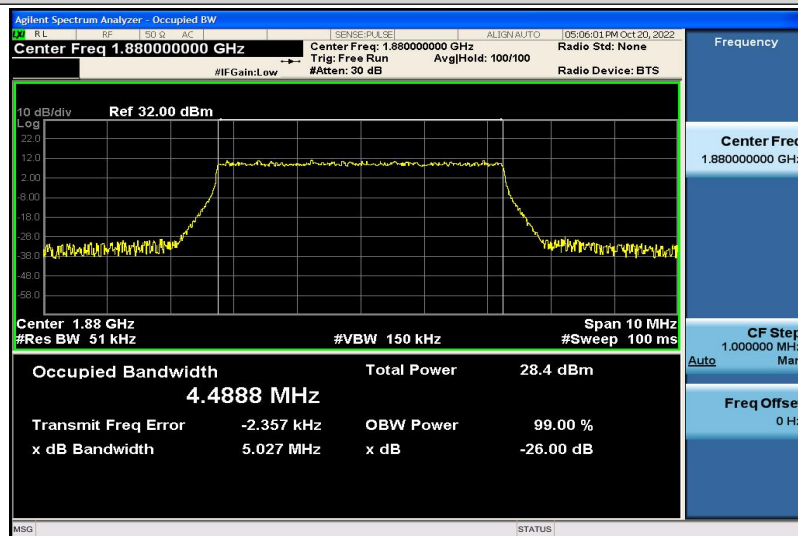
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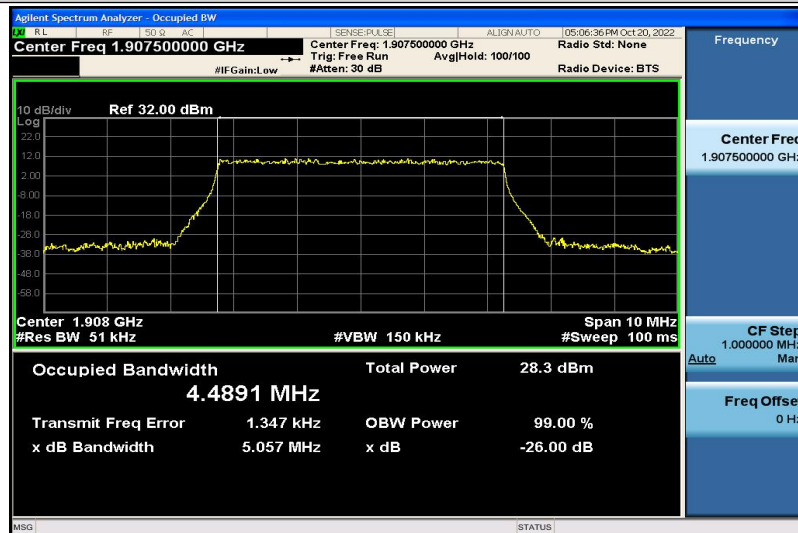
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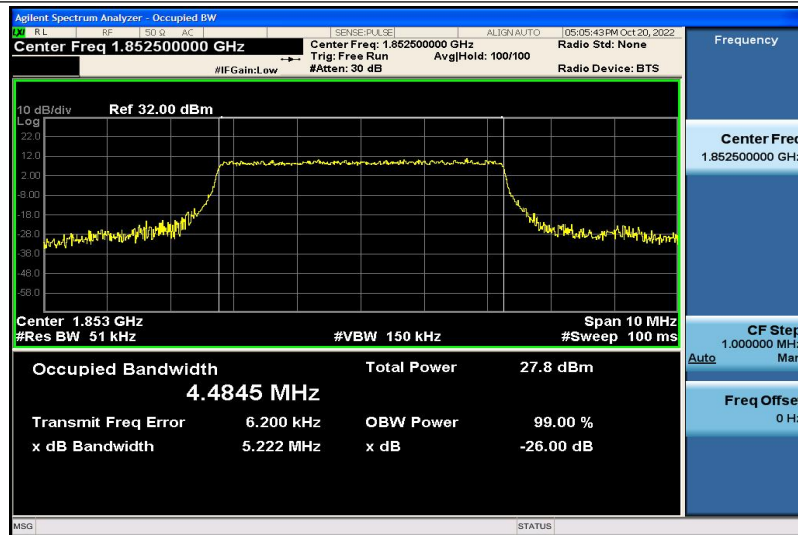
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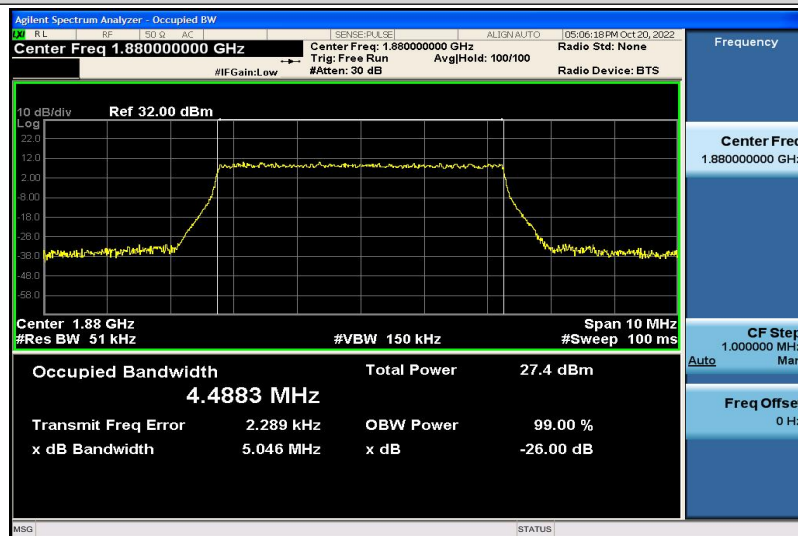
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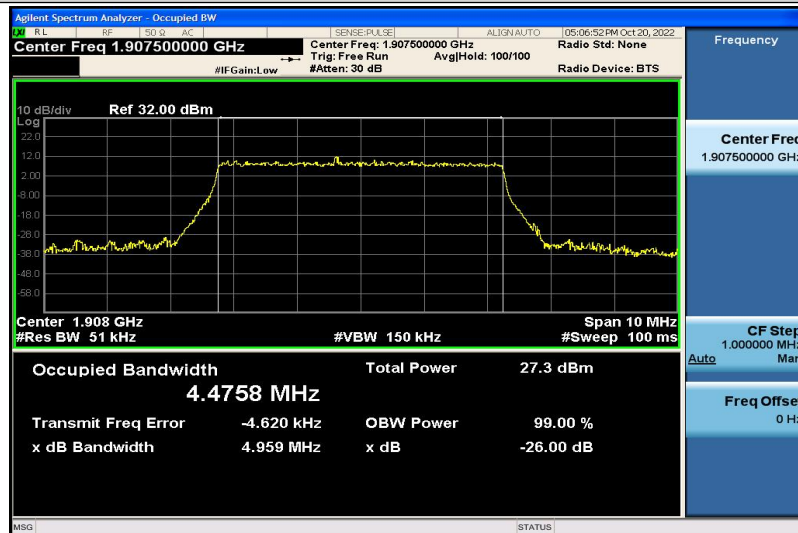
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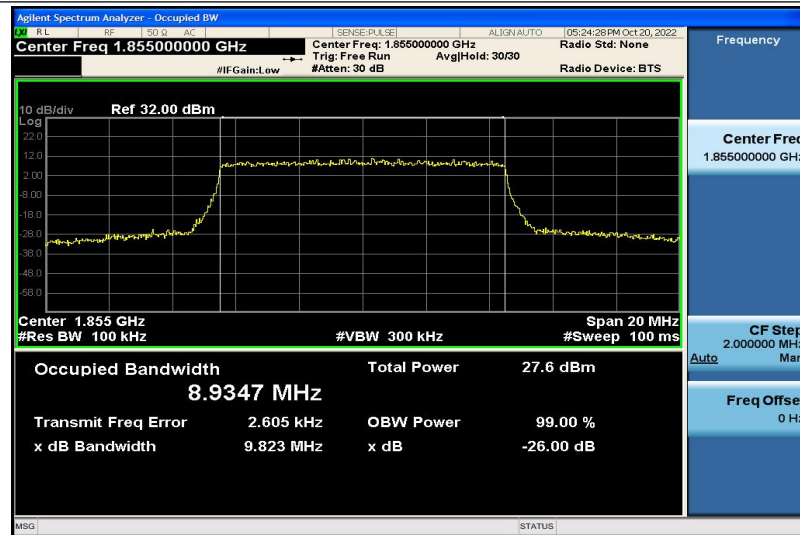
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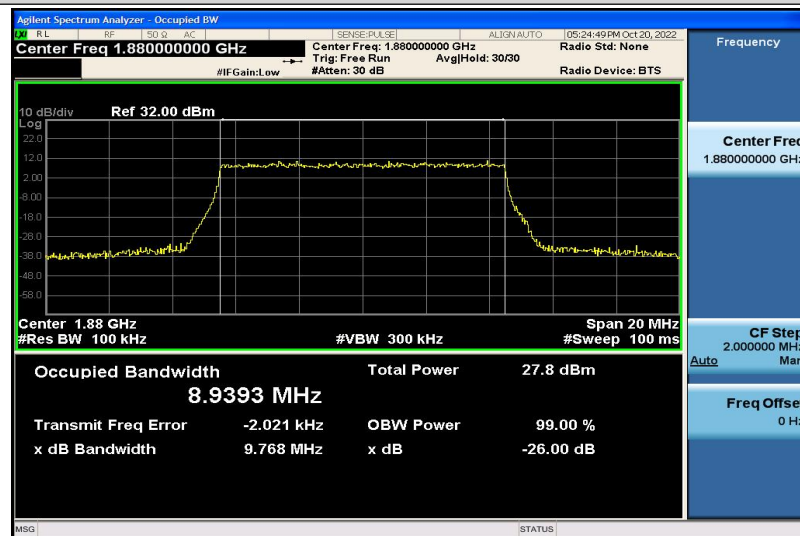
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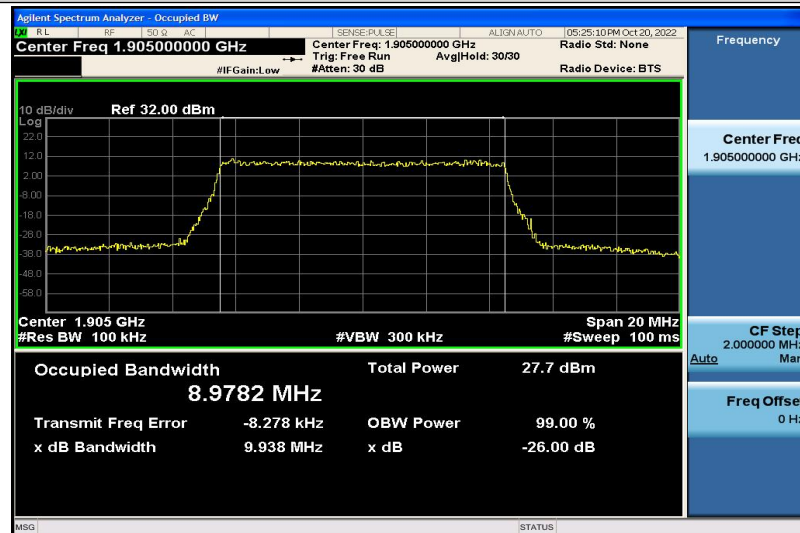
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Band2-10MHz-QPSK-18650-50RB#0-8.9347



Band2-10MHz-QPSK-18900-50RB#0-8.9393



Band2-10MHz-QPSK-19150-50RB#0-8.9782