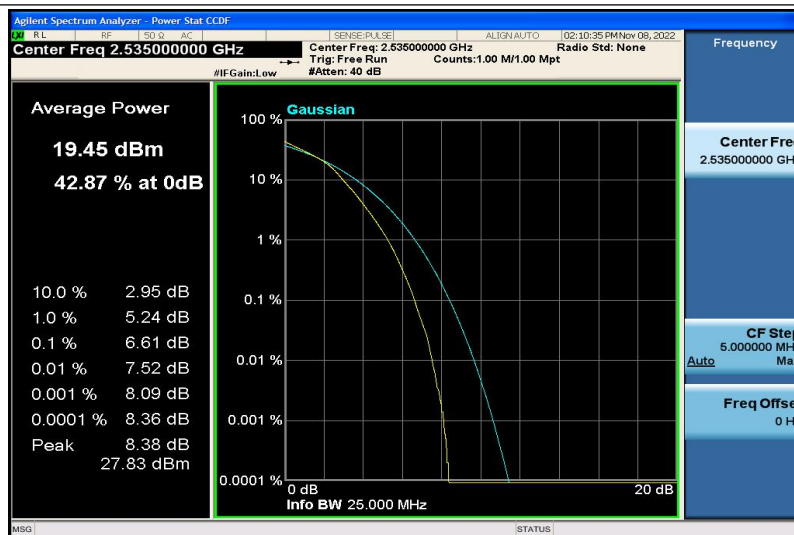




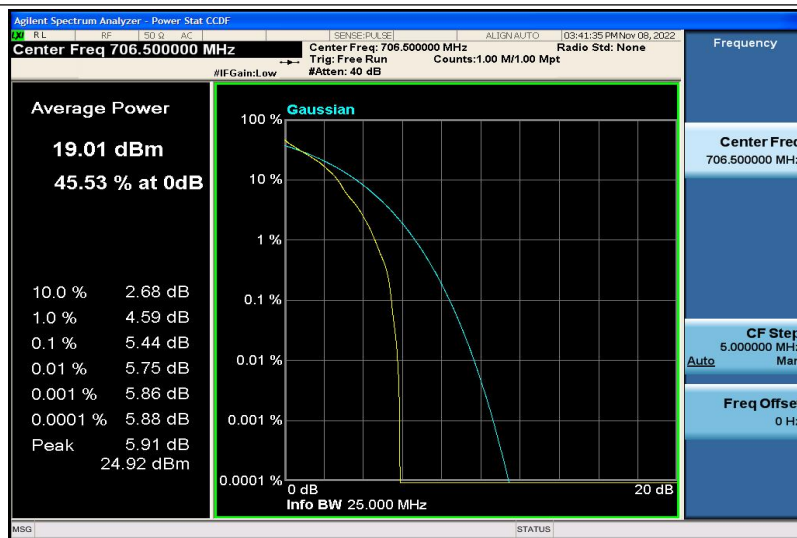
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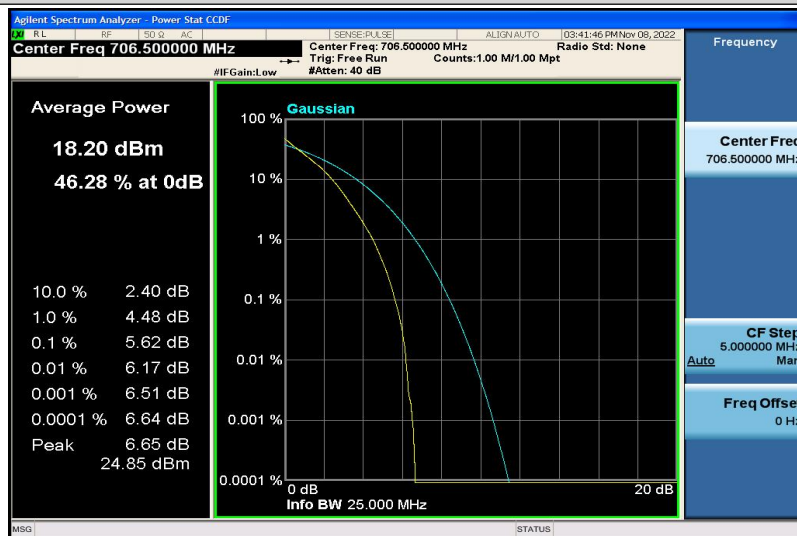
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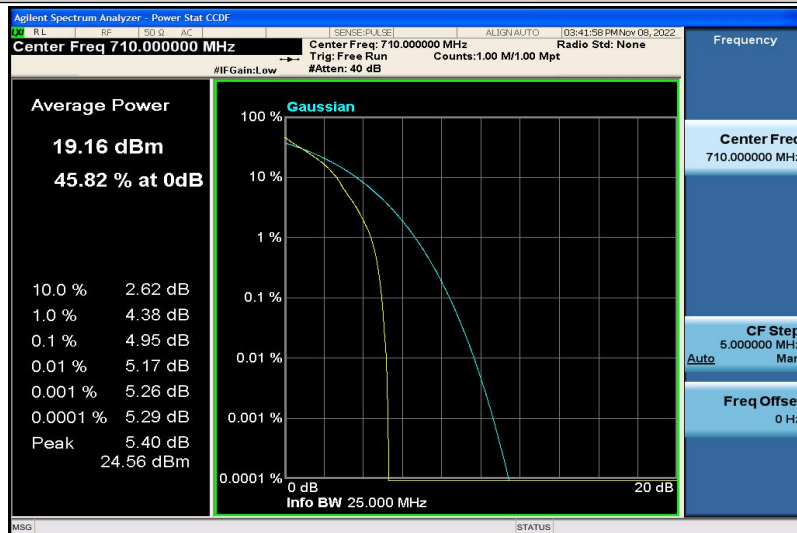
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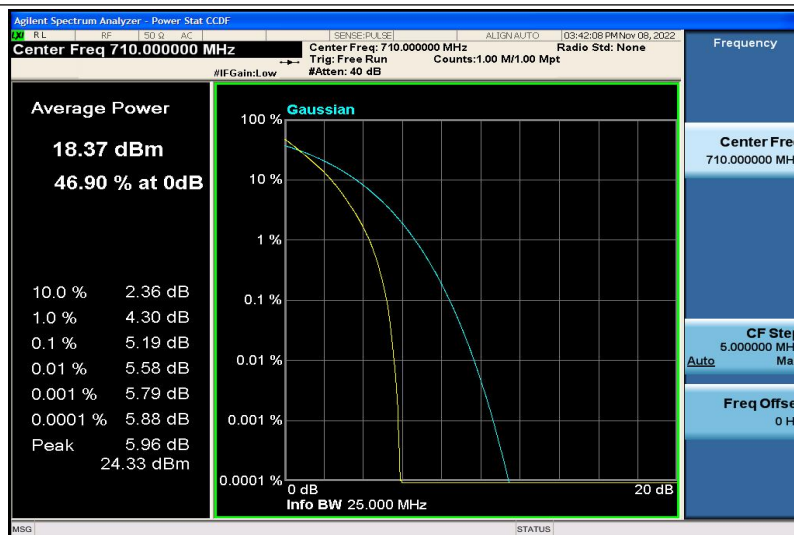
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Band17-5MHz-QPSK-23755-25RB#0



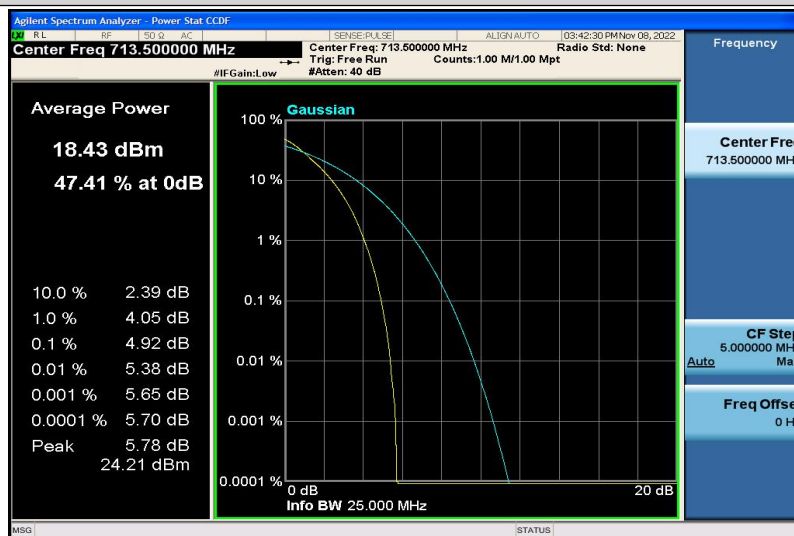
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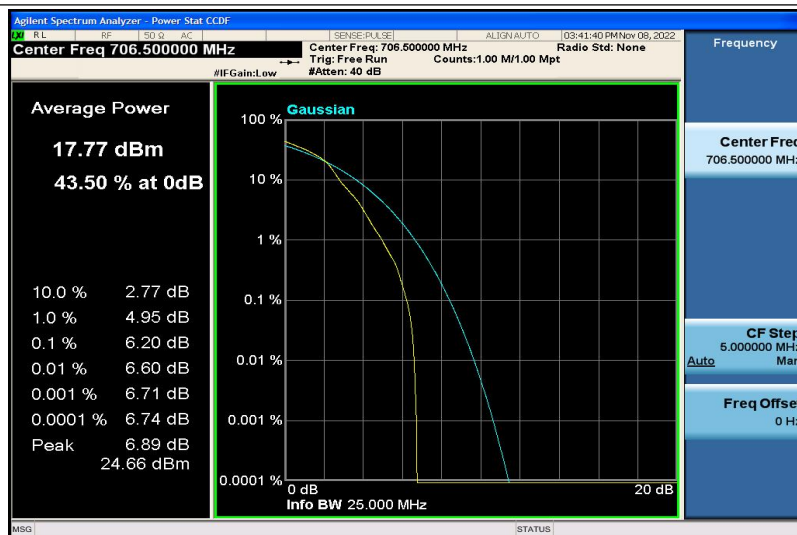
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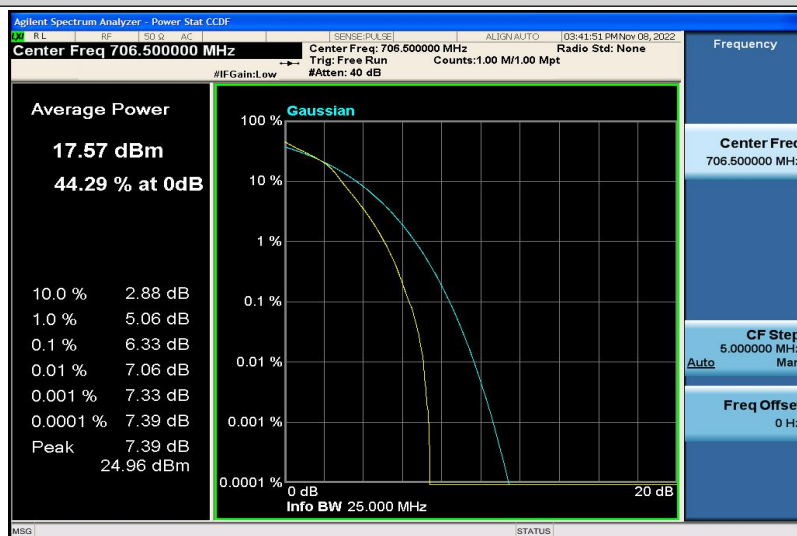
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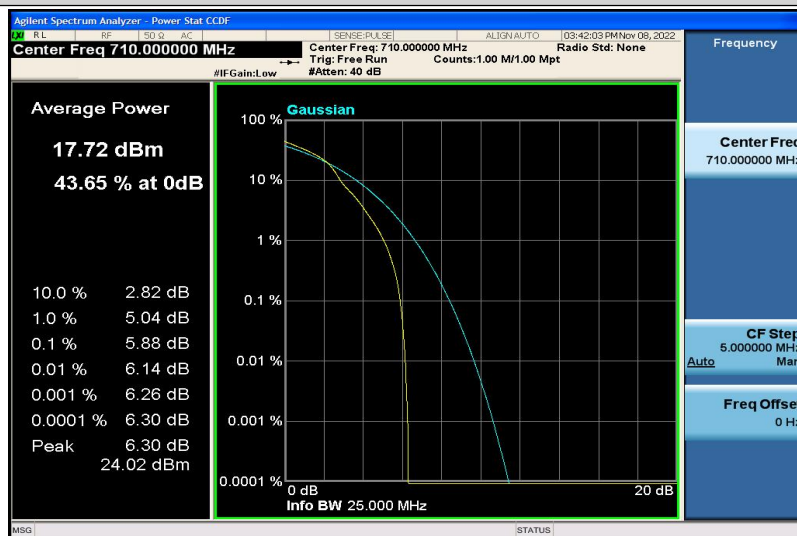
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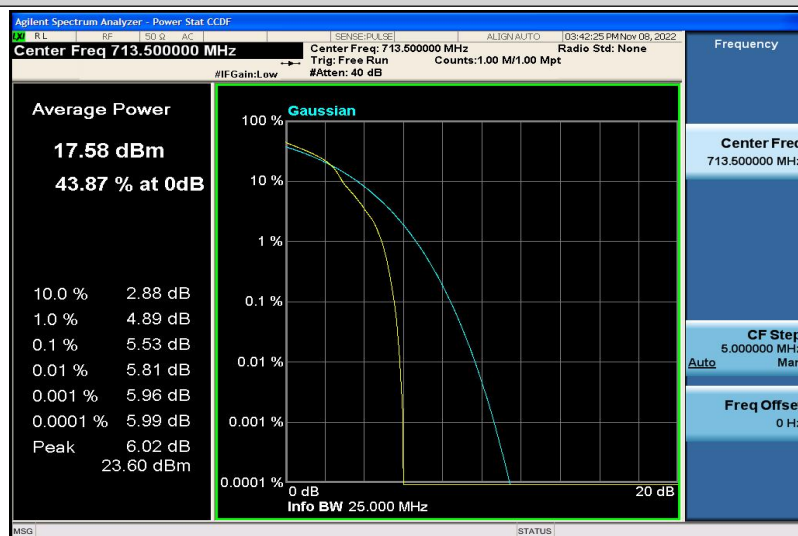
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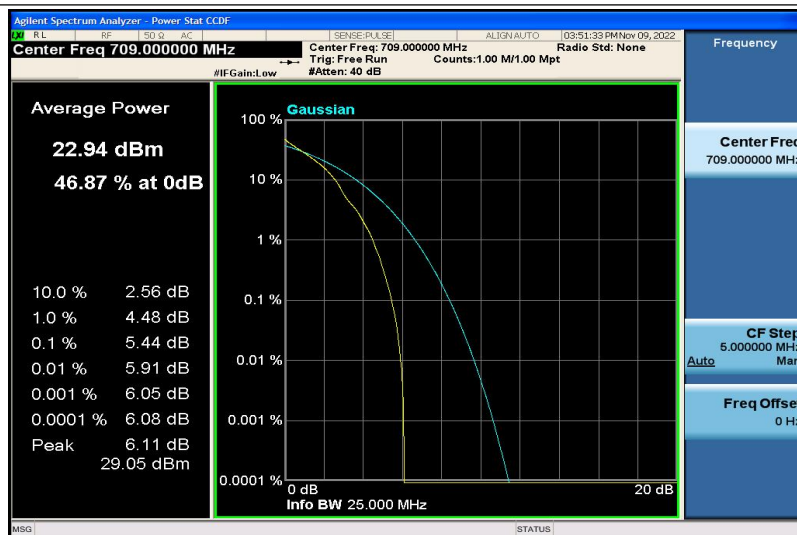
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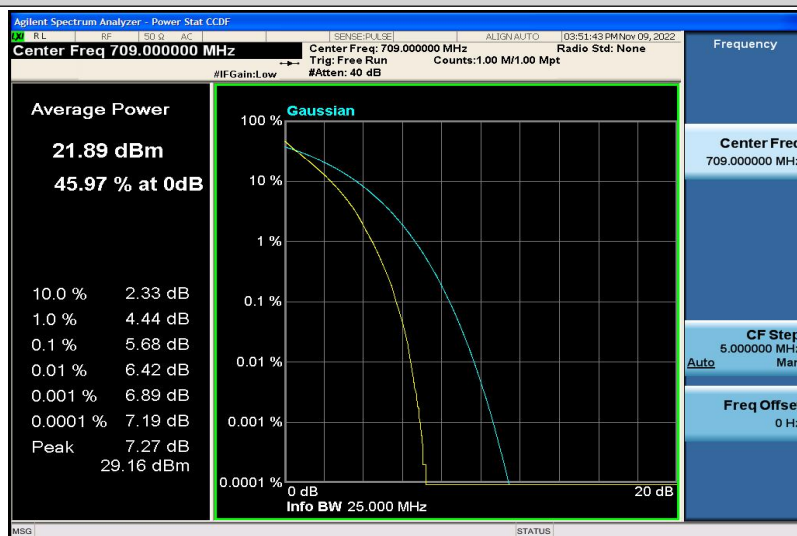
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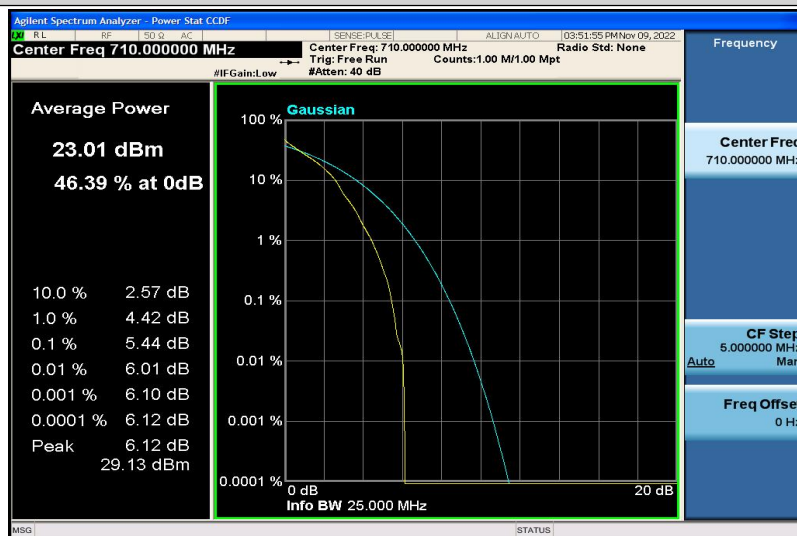
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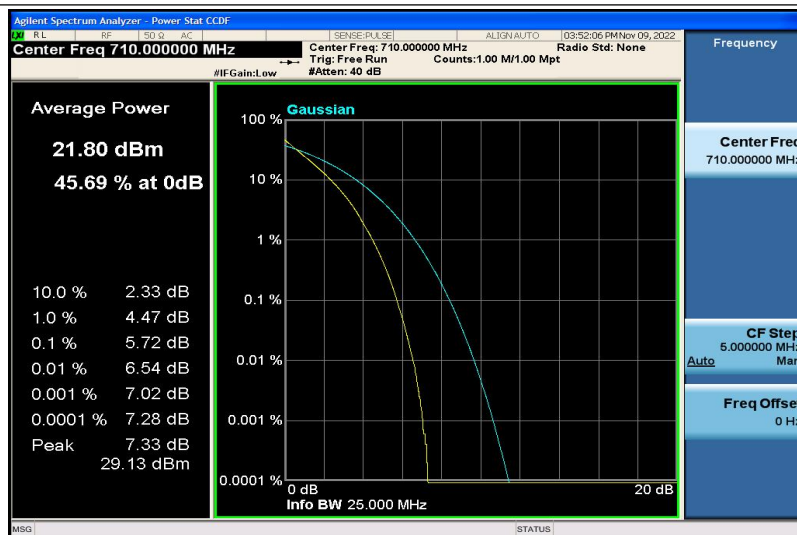
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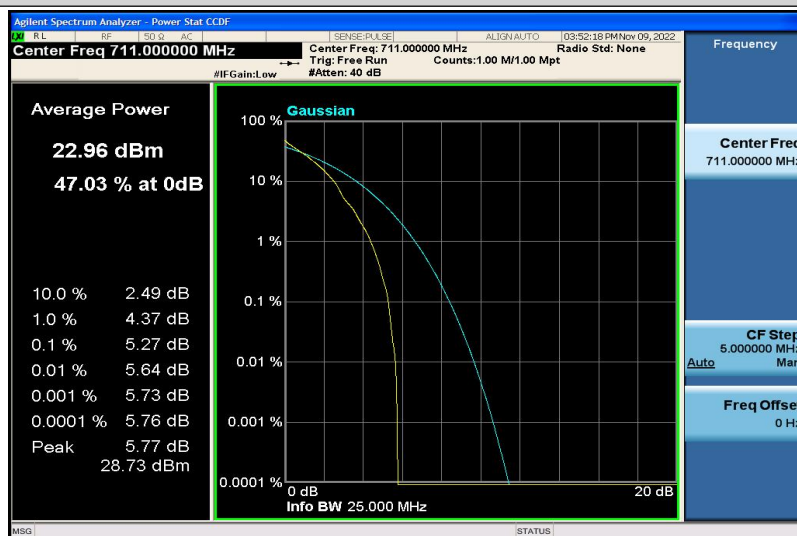
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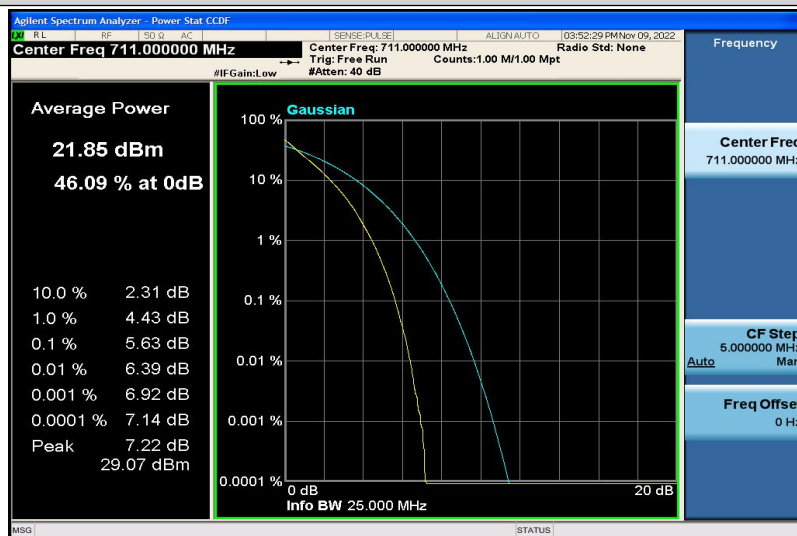
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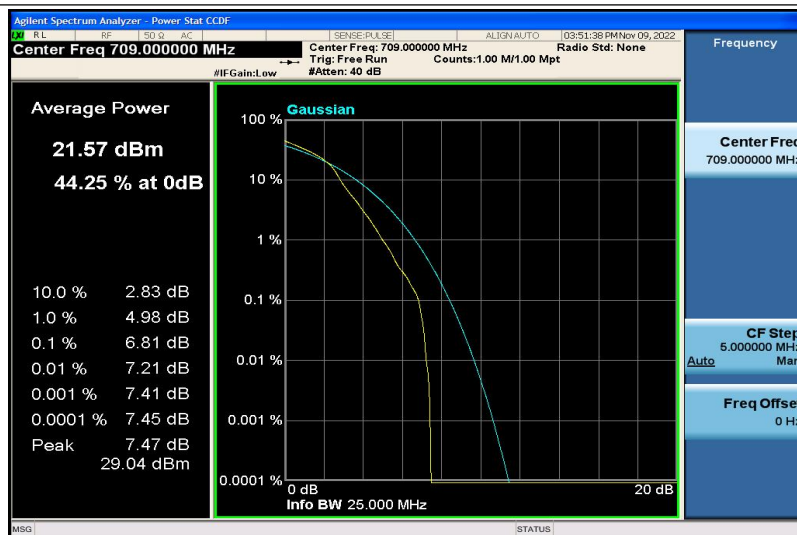
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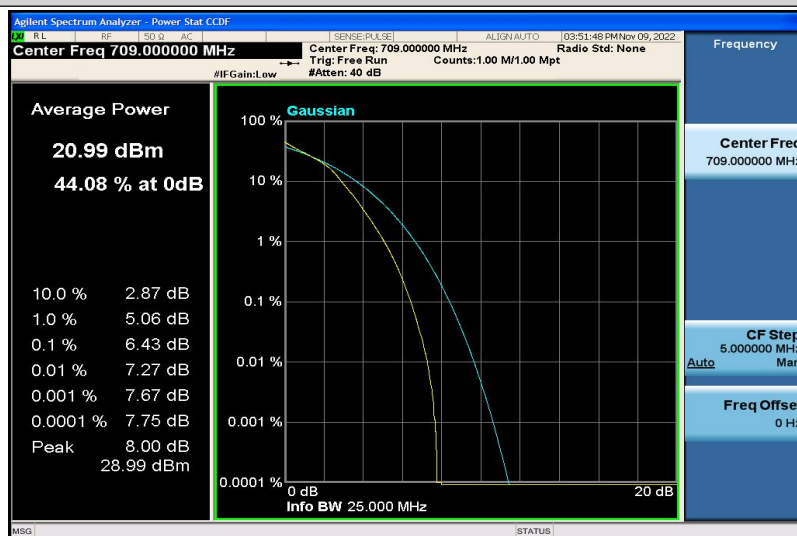
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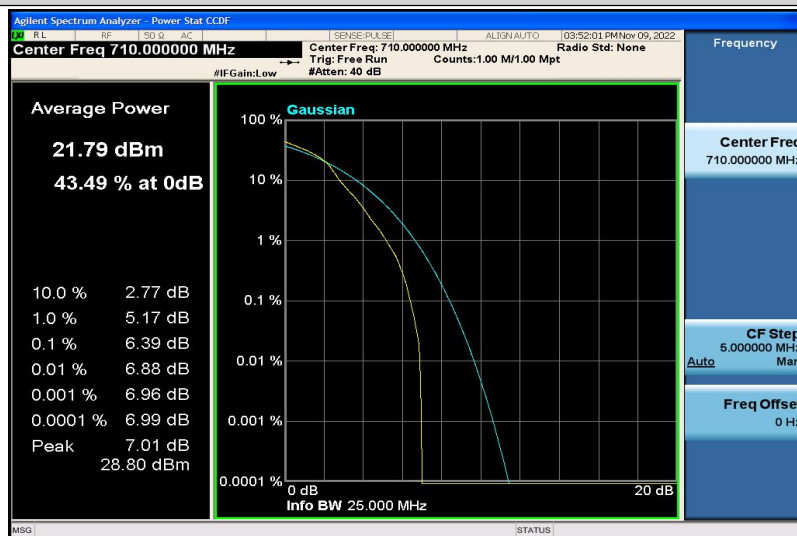
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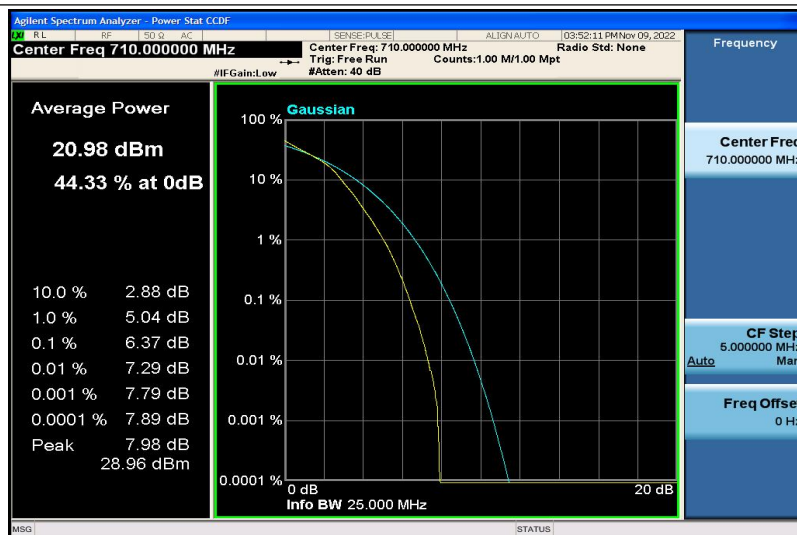
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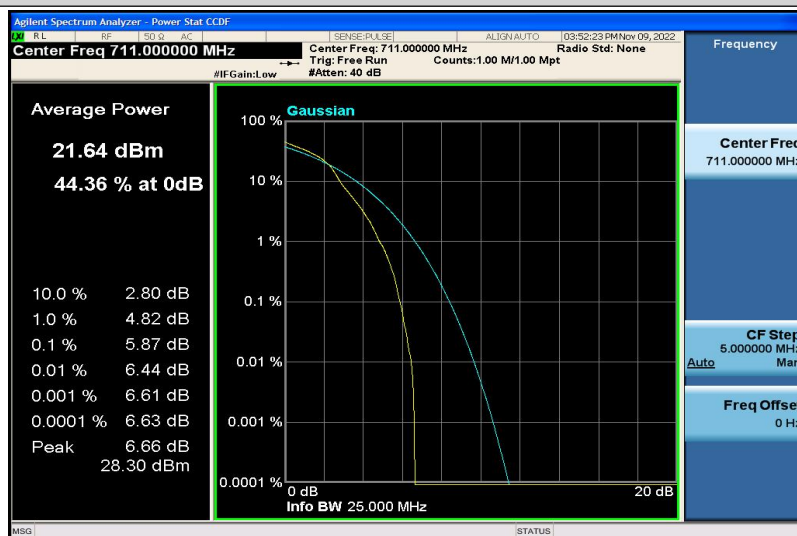
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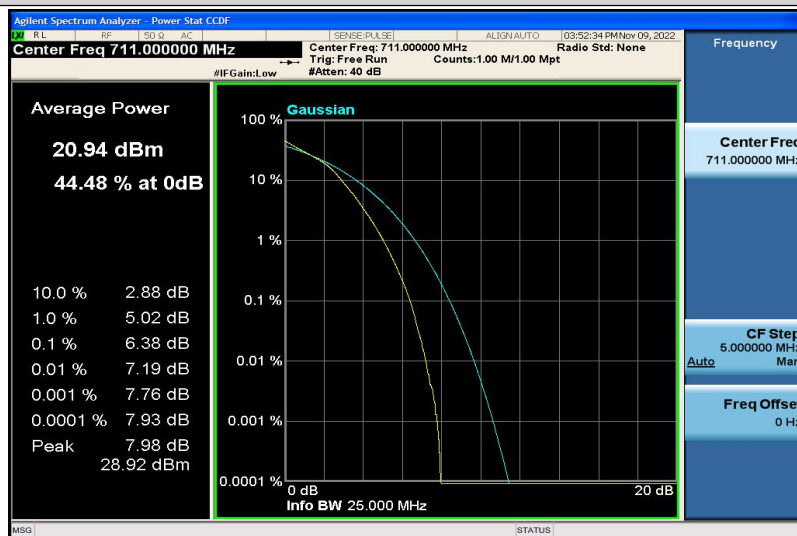
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Band17-10MHz-16QAM-23790-50RB#0



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	1.0816	1.228	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	1.0791	1.224	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1.0797	1.228	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1.0826	1.221	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.0824	1.221	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1.0821	1.225	PASS
Band2	3MHz	QPSK	18615	15RB#0	2.6877	3.001	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.6876	2.987	PASS
Band2	3MHz	QPSK	19185	15RB#0	2.6918	2.975	PASS
Band2	3MHz	16QAM	18615	15RB#0	2.6930	3.010	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.6852	2.981	PASS
Band2	3MHz	16QAM	19185	15RB#0	2.6805	2.980	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.4694	4.899	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.4802	4.929	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.4816	4.907	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.4769	4.926	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.4830	4.908	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.4681	4.874	PASS
Band2	10MHz	QPSK	18650	50RB#0	8.9371	9.600	PASS
Band2	10MHz	QPSK	18900	50RB#0	8.9427	9.560	PASS
Band2	10MHz	QPSK	19150	50RB#0	8.9468	9.625	PASS
Band2	10MHz	16QAM	18650	50RB#0	8.9457	9.586	PASS
Band2	10MHz	16QAM	18900	50RB#0	8.9508	9.556	PASS
Band2	10MHz	16QAM	19150	50RB#0	8.9389	9.505	PASS
Band2	15MHz	QPSK	18675	75RB#0	13.441	14.70	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.416	14.68	PASS
Band2	15MHz	QPSK	19125	75RB#0	13.362	14.63	PASS
Band2	15MHz	16QAM	18675	75RB#0	13.422	14.68	PASS
Band2	15MHz	16QAM	18900	75RB#0	13.425	14.70	PASS
Band2	15MHz	16QAM	19125	75RB#0	13.418	14.70	PASS
Band2	20MHz	QPSK	18700	100RB#0	17.947	19.61	PASS
Band2	20MHz	QPSK	18900	100RB#0	17.903	19.33	PASS
Band2	20MHz	QPSK	19100	100RB#0	17.861	19.21	PASS
Band2	20MHz	16QAM	18700	100RB#0	17.941	19.47	PASS
Band2	20MHz	16QAM	18900	100RB#0	17.939	19.52	PASS
Band2	20MHz	16QAM	19100	100RB#0	17.922	19.35	PASS

Band4	1.4MHz	QPSK	19957	6RB#0	1.0795	1.225	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.0865	1.227	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.0791	1.226	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.0854	1.231	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.0817	1.230	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.0770	1.219	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.6884	2.988	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.6935	2.983	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.6847	2.967	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.6905	3.006	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.6860	2.989	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.6841	2.991	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.4676	4.899	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.4768	4.911	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.4782	4.906	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.4756	4.906	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.4849	4.907	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.4697	4.870	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.9600	9.652	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.9364	9.543	PASS
Band4	10MHz	QPSK	20350	50RB#0	8.9669	9.670	PASS
Band4	10MHz	16QAM	20000	50RB#0	8.9648	9.614	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.9370	9.543	PASS
Band4	10MHz	16QAM	20350	50RB#0	8.9608	9.561	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.428	14.71	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.409	14.78	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.428	14.64	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.424	14.60	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.432	14.74	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.422	14.71	PASS
Band4	20MHz	QPSK	20050	100RB#0	17.933	19.41	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.883	19.29	PASS
Band4	20MHz	QPSK	20300	100RB#0	17.920	19.33	PASS
Band4	20MHz	16QAM	20050	100RB#0	17.892	19.49	PASS
Band4	20MHz	16QAM	20175	100RB#0	17.900	19.65	PASS
Band4	20MHz	16QAM	20300	100RB#0	17.957	19.42	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	1.0792	1.224	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.0815	1.227	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.0834	1.224	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.0852	1.229	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.0858	1.415	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.0807	1.224	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.6880	2.976	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.6880	2.977	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.6913	2.969	PASS

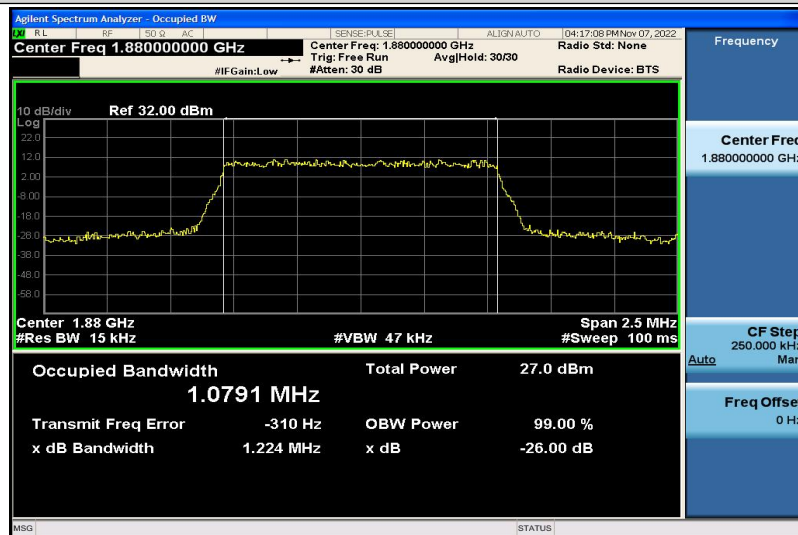
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Band5	3MHz	16QAM	20525	15RB#0	2.6886	2.995	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.6892	2.998	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.4784	4.906	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.4702	4.918	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.4686	4.922	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.4675	4.885	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.4792	4.921	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.4842	4.940	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.9550	9.567	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.9460	9.528	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.9709	9.627	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.9461	9.551	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.9488	9.568	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.9586	9.713	PASS
Band7	5MHz	QPSK	20775	25RB#0	4.4812	4.906	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.4829	4.896	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.4718	4.906	PASS
Band7	5MHz	16QAM	20775	25RB#0	4.4694	4.855	PASS
Band7	5MHz	16QAM	21100	25RB#0	4.4700	4.875	PASS
Band7	5MHz	16QAM	21425	25RB#0	4.4818	4.920	PASS
Band7	10MHz	QPSK	20800	50RB#0	8.9496	9.589	PASS
Band7	10MHz	QPSK	21100	50RB#0	8.9456	9.609	PASS
Band7	10MHz	QPSK	21400	50RB#0	8.9449	9.563	PASS
Band7	10MHz	16QAM	20800	50RB#0	8.9203	9.491	PASS
Band7	10MHz	16QAM	21100	50RB#0	8.9420	9.578	PASS
Band7	10MHz	16QAM	21400	50RB#0	8.9474	9.586	PASS
Band7	15MHz	QPSK	20825	75RB#0	13.432	14.76	PASS
Band7	15MHz	QPSK	21100	75RB#0	13.427	14.68	PASS
Band7	15MHz	QPSK	21375	75RB#0	13.431	14.67	PASS
Band7	15MHz	16QAM	20825	75RB#0	13.435	14.56	PASS
Band7	15MHz	16QAM	21100	75RB#0	13.443	14.67	PASS
Band7	15MHz	16QAM	21375	75RB#0	13.438	14.66	PASS
Band7	20MHz	QPSK	20850	100RB#0	17.843	18.84	PASS
Band7	20MHz	QPSK	21100	100RB#0	17.916	19.34	PASS
Band7	20MHz	QPSK	21350	100RB#0	17.952	19.48	PASS
Band7	20MHz	16QAM	20850	100RB#0	17.813	19.02	PASS
Band7	20MHz	16QAM	21100	100RB#0	17.952	19.44	PASS
Band7	20MHz	16QAM	21350	100RB#0	17.908	19.36	PASS
Band17	5MHz	QPSK	23755	25RB#0	4.4800	4.915	PASS
Band17	5MHz	QPSK	23790	25RB#0	4.4735	4.898	PASS
Band17	5MHz	QPSK	23825	25RB#0	4.4675	4.886	PASS
Band17	5MHz	16QAM	23755	25RB#0	4.4815	4.929	PASS
Band17	5MHz	16QAM	23790	25RB#0	4.4683	4.850	PASS
Band17	5MHz	16QAM	23825	25RB#0	4.4803	4.908	PASS

Band17	10MHz	QPSK	23780	50RB#0	8.9586	9.955	PASS
Band17	10MHz	QPSK	23790	50RB#0	8.9500	9.805	PASS
Band17	10MHz	QPSK	23800	50RB#0	8.9422	9.816	PASS
Band17	10MHz	16QAM	23780	50RB#0	8.9475	9.785	PASS
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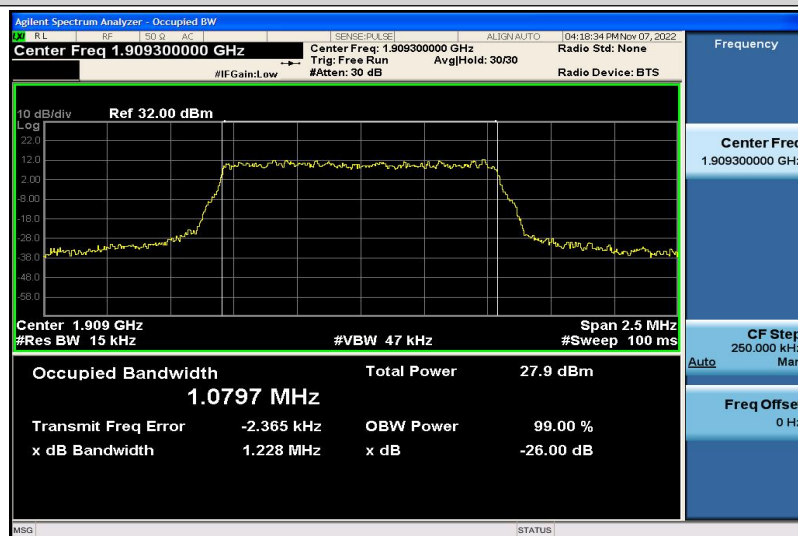
Test Graphs



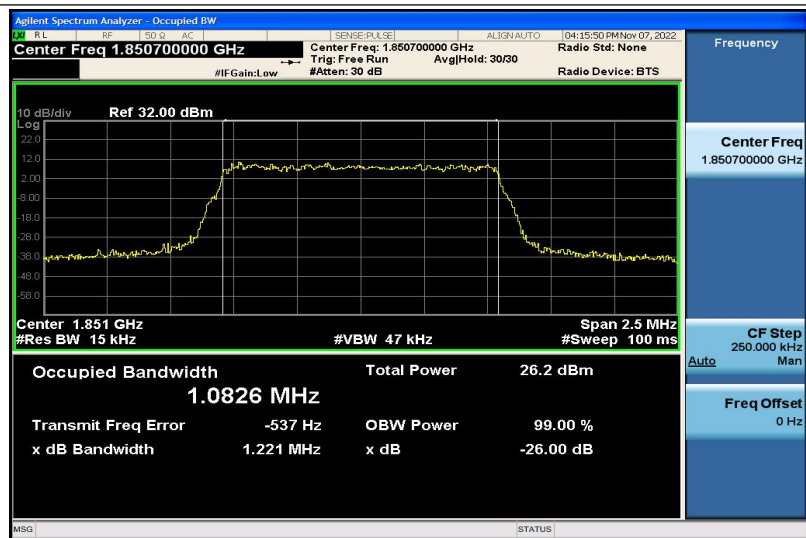
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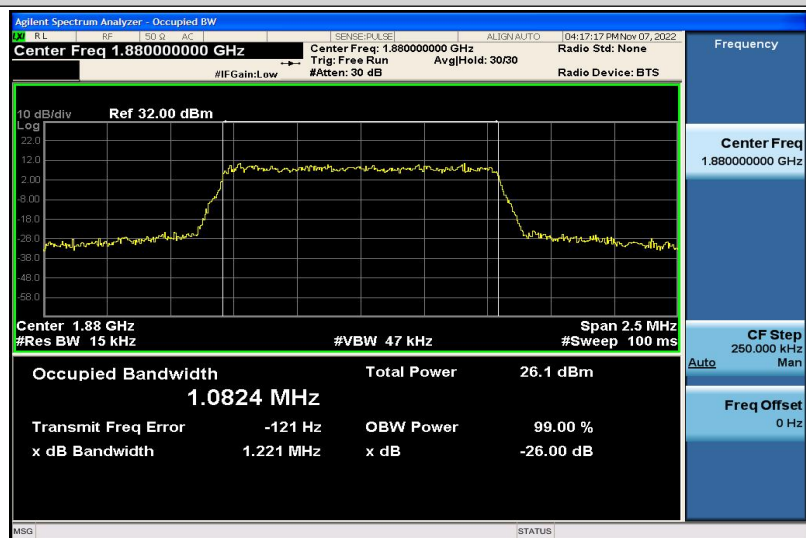
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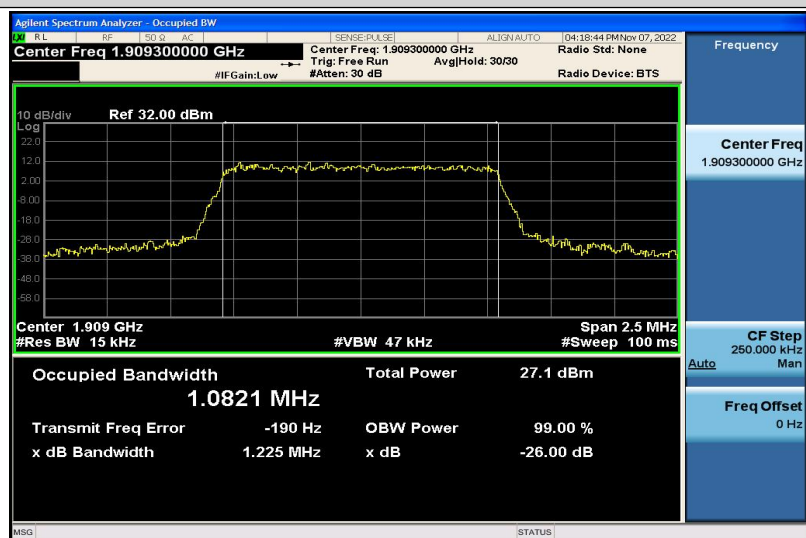
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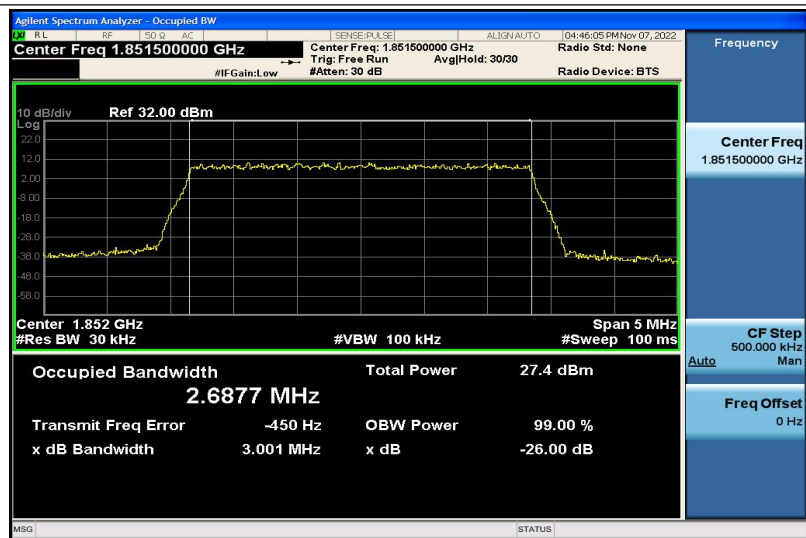
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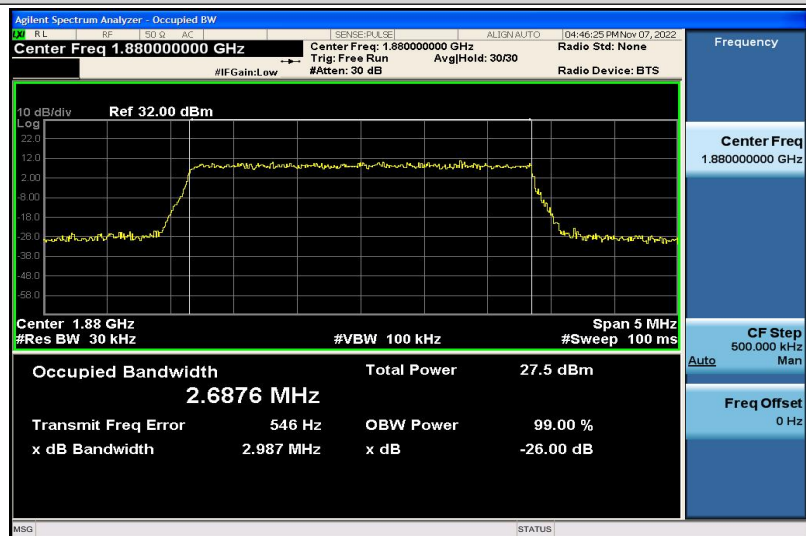
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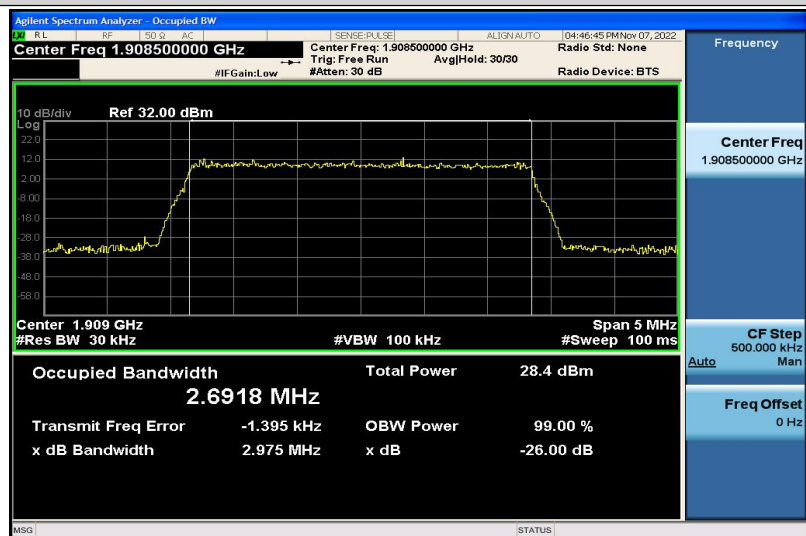
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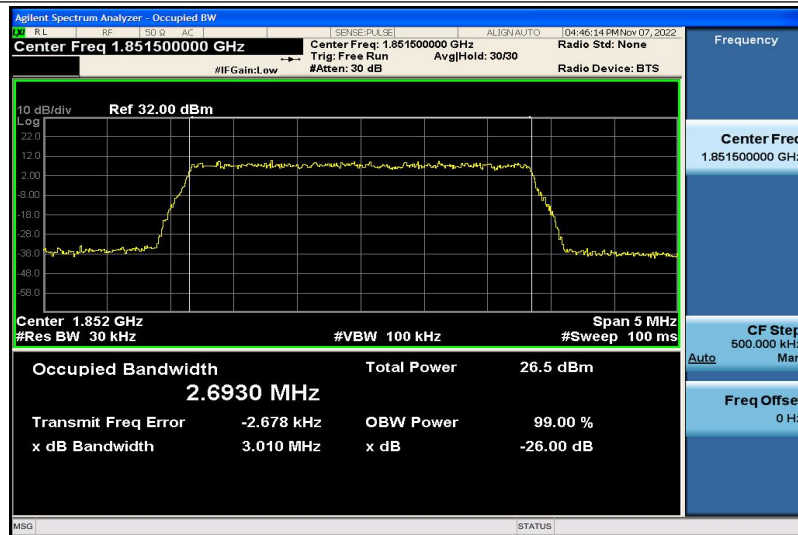
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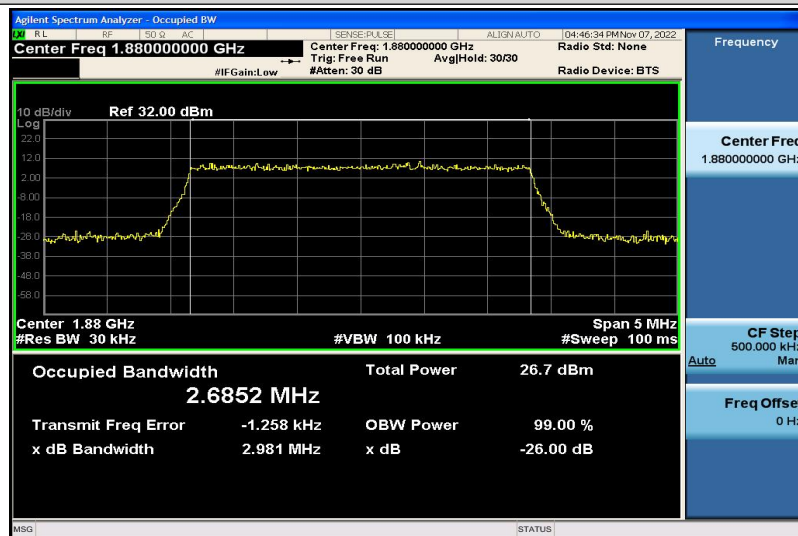
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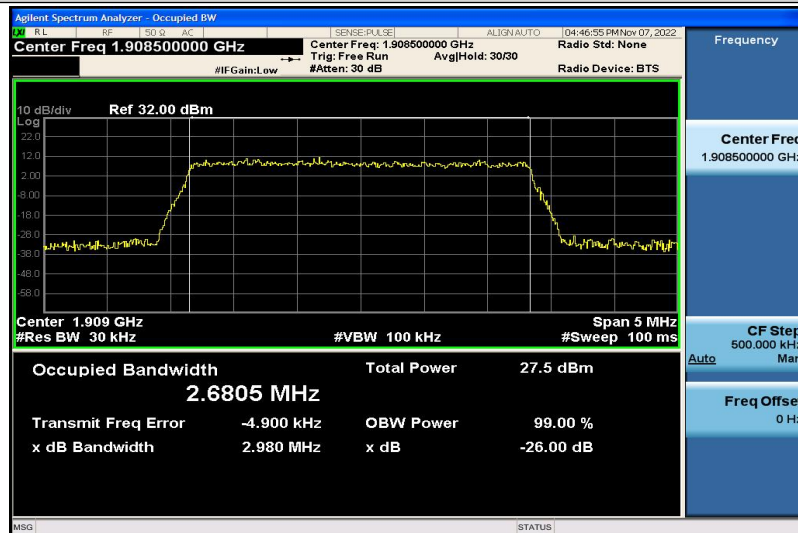
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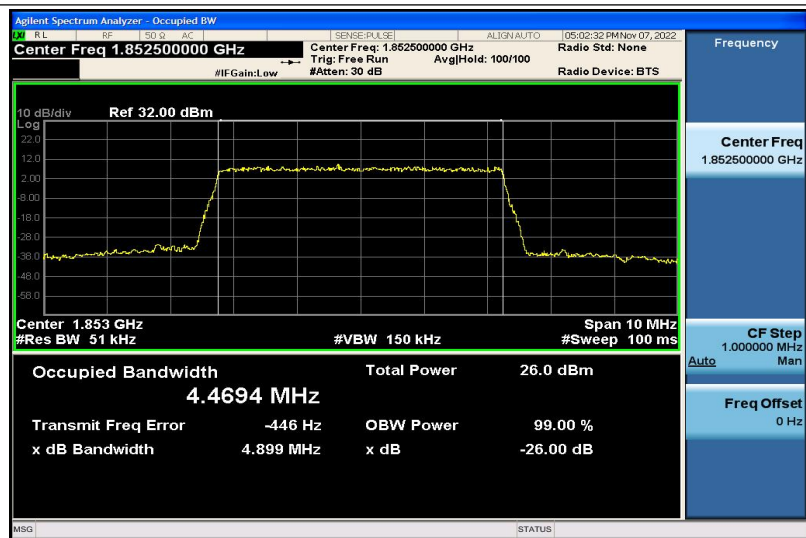
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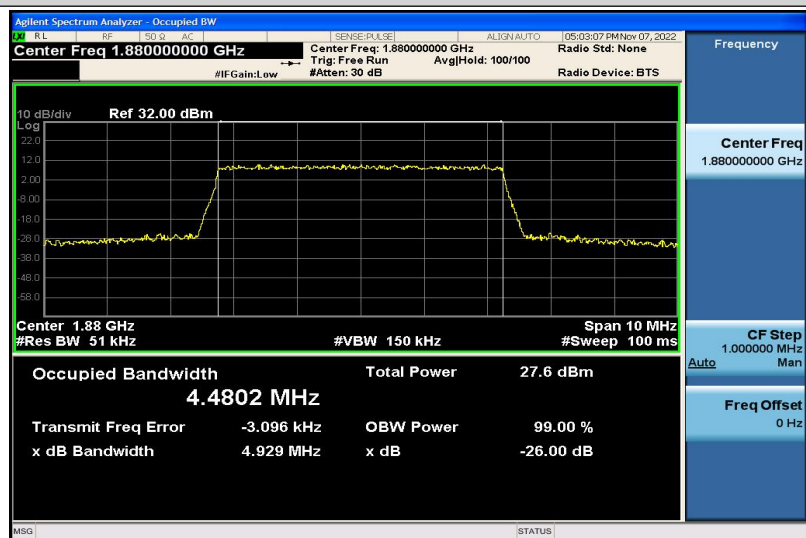
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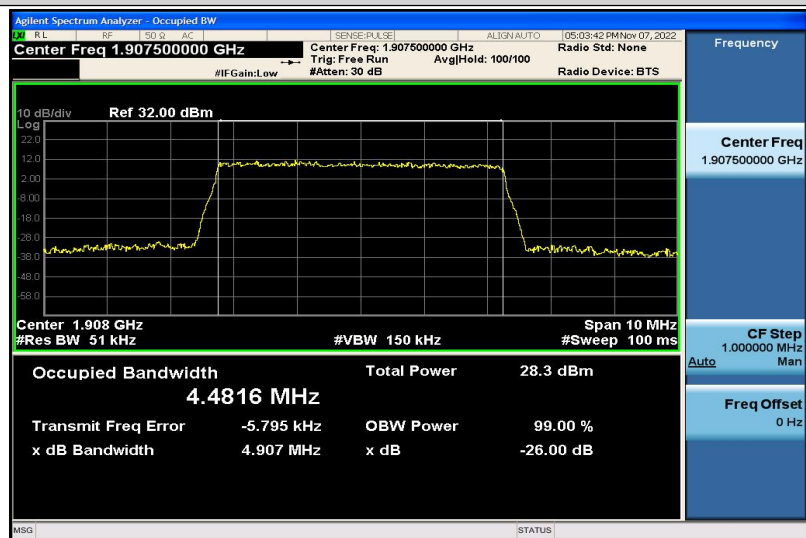
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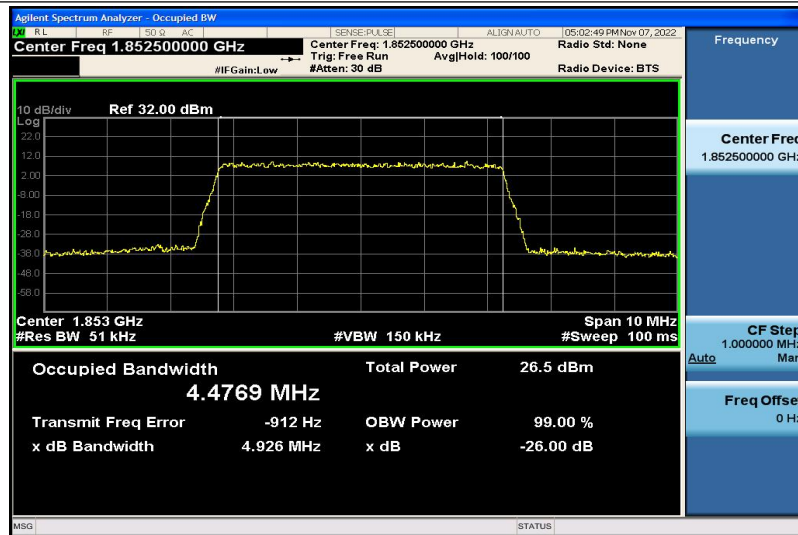
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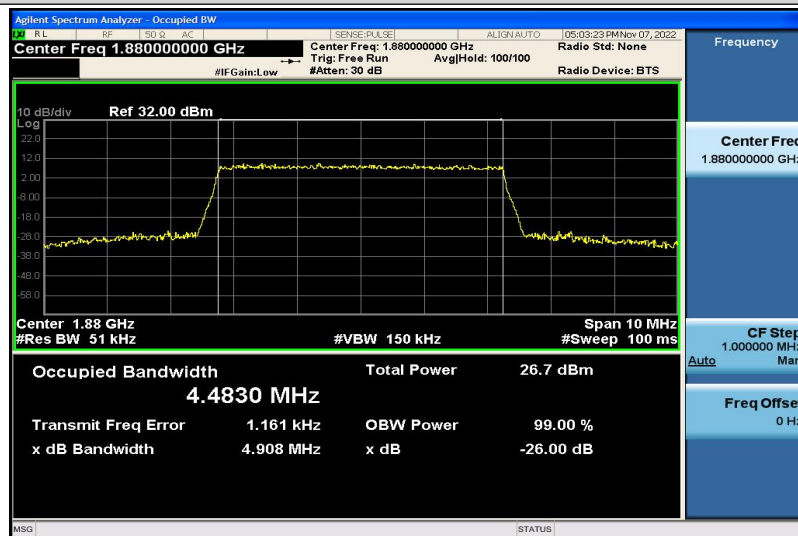
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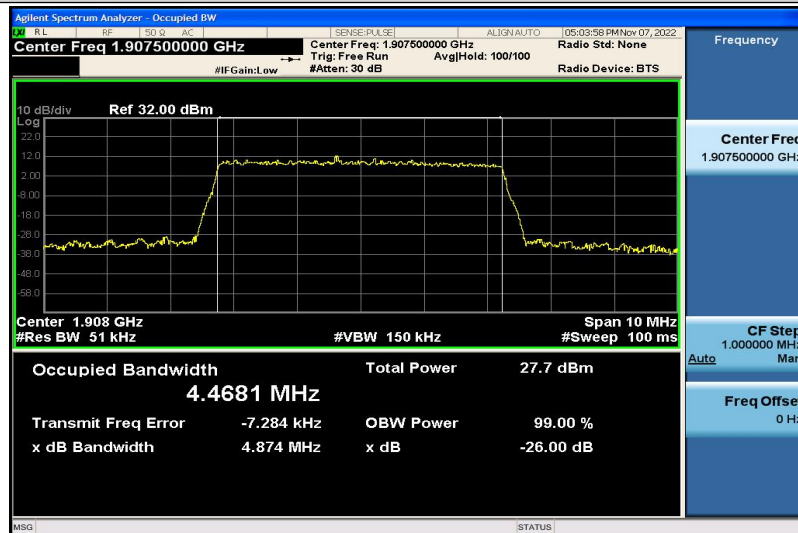
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Band2-5MHz-16QAM-18625-25RB#0-4.4769



Band2-5MHz-16QAM-18900-25RB#0-4.4830



Band2-5MHz-16QAM-19175-25RB#0-4.4681