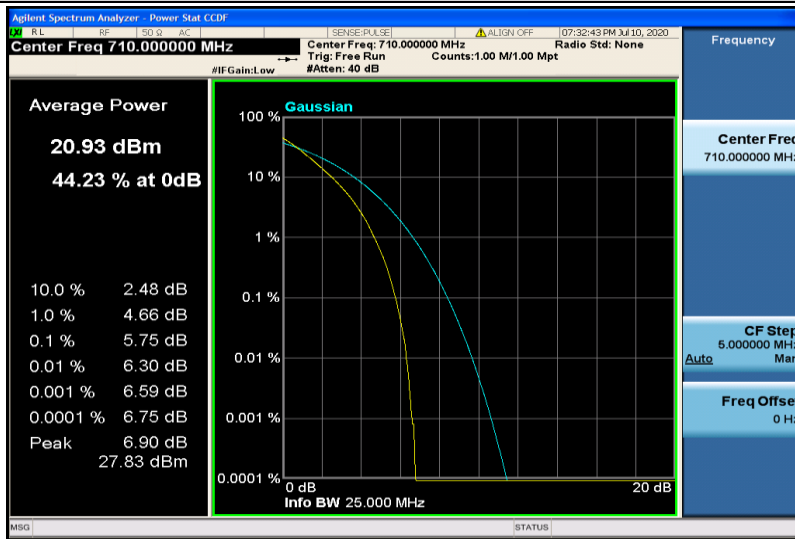
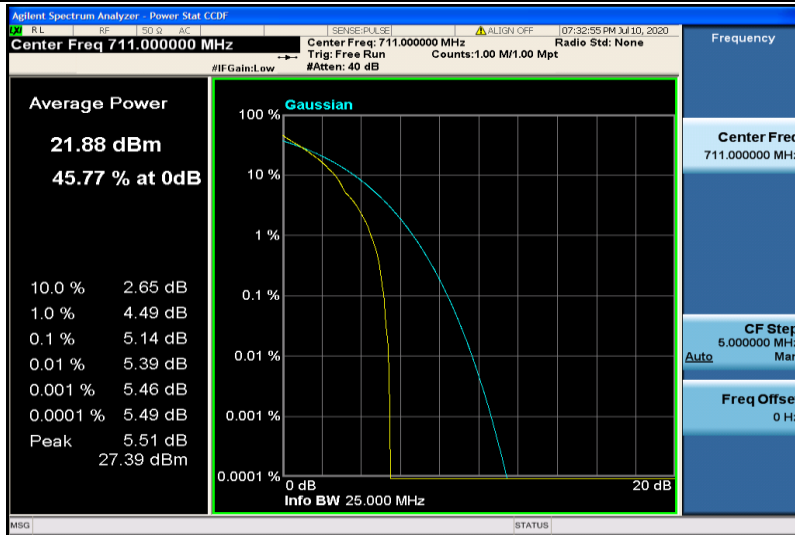


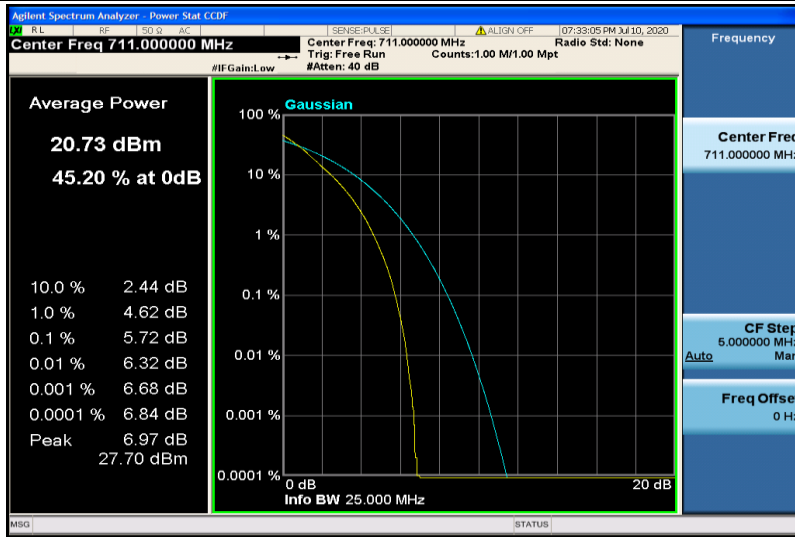
Band17-10MHz-QPSK-23790-1RB#0



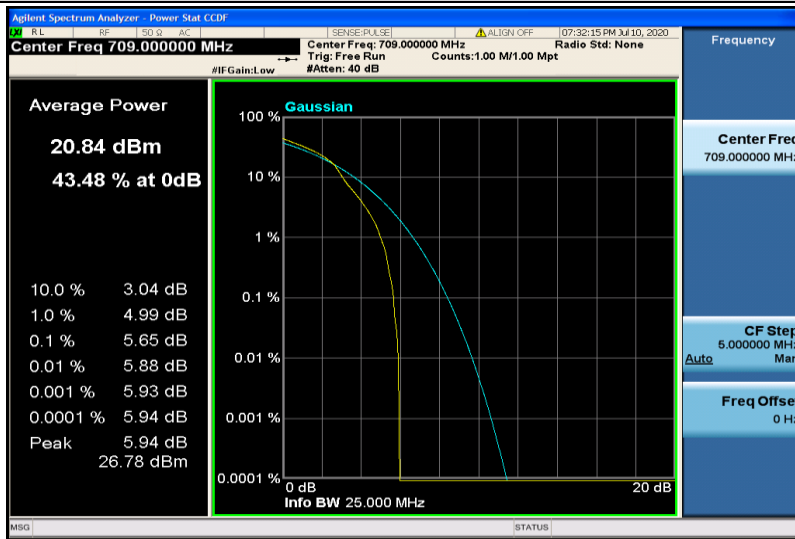
Band17-10MHz-QPSK-23790-50RB#0



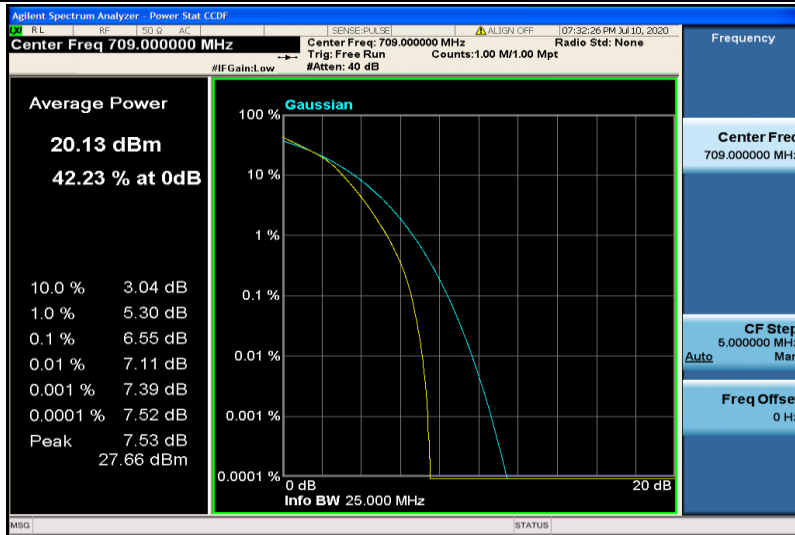
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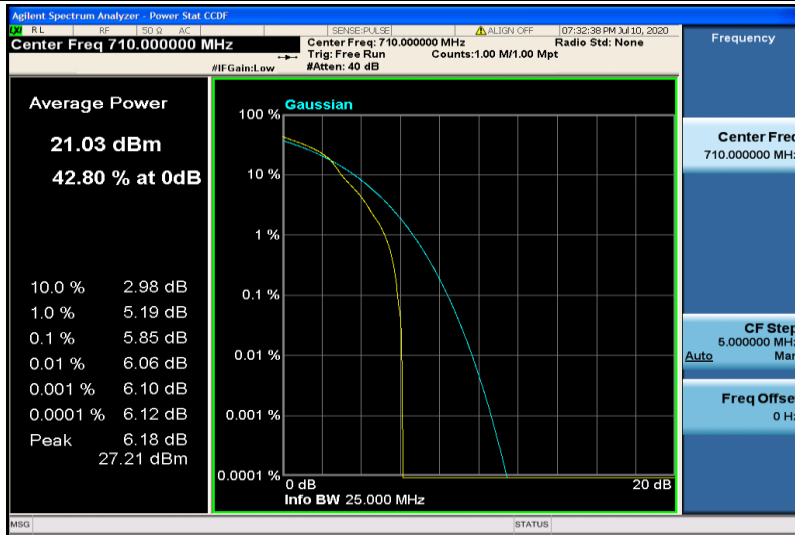
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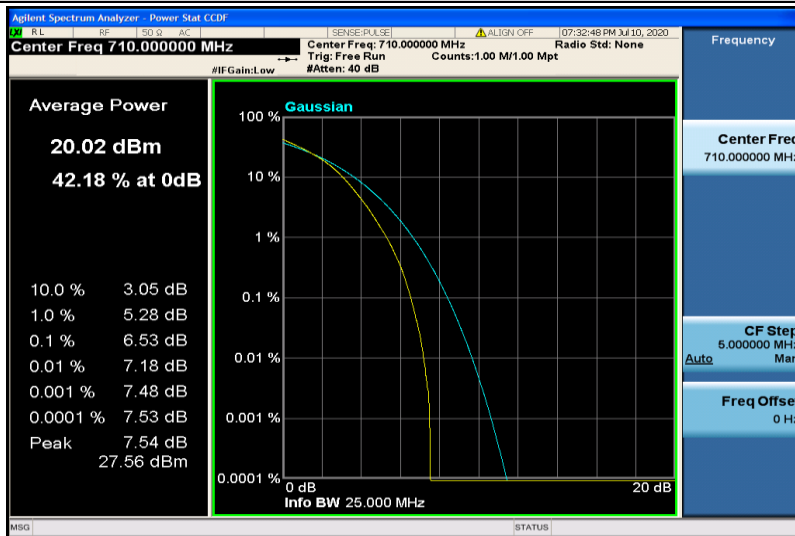
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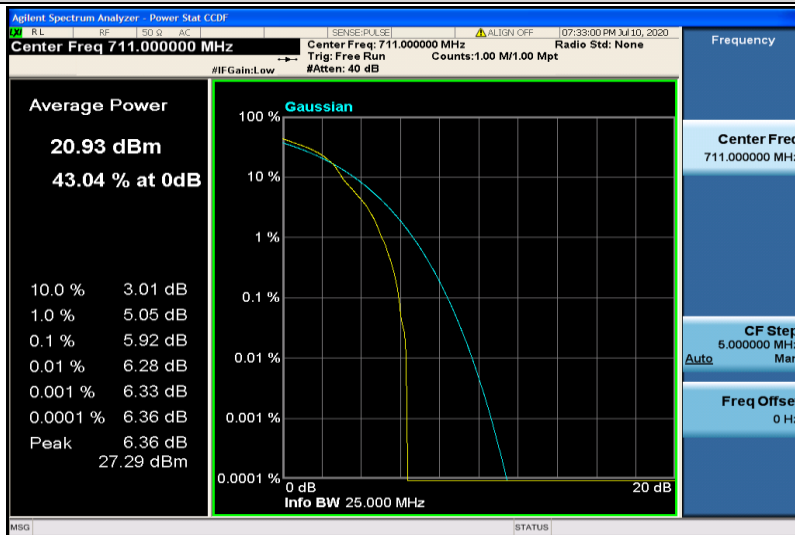
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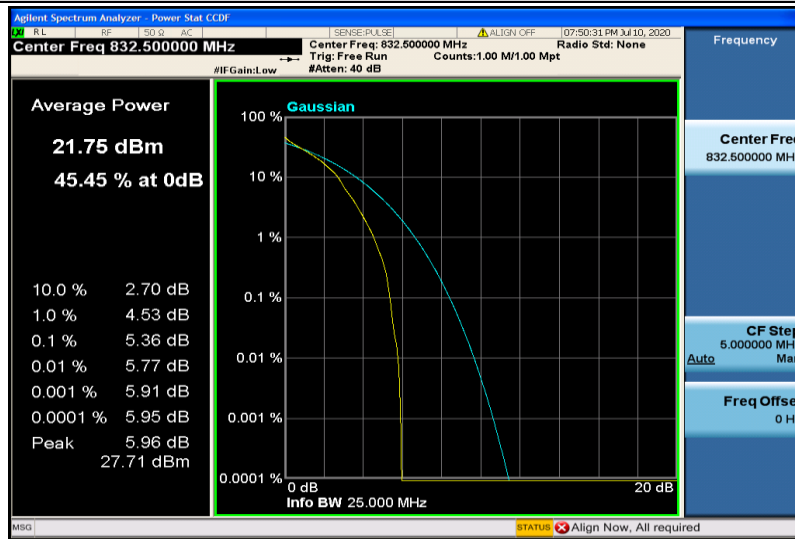
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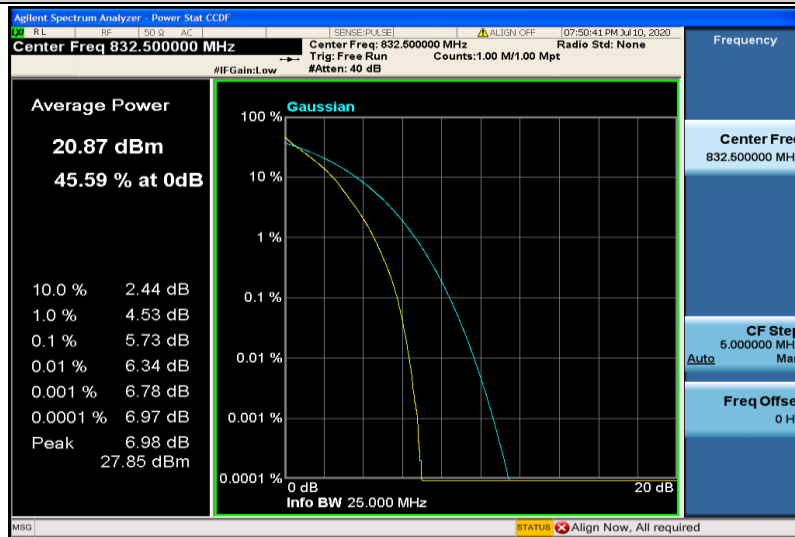
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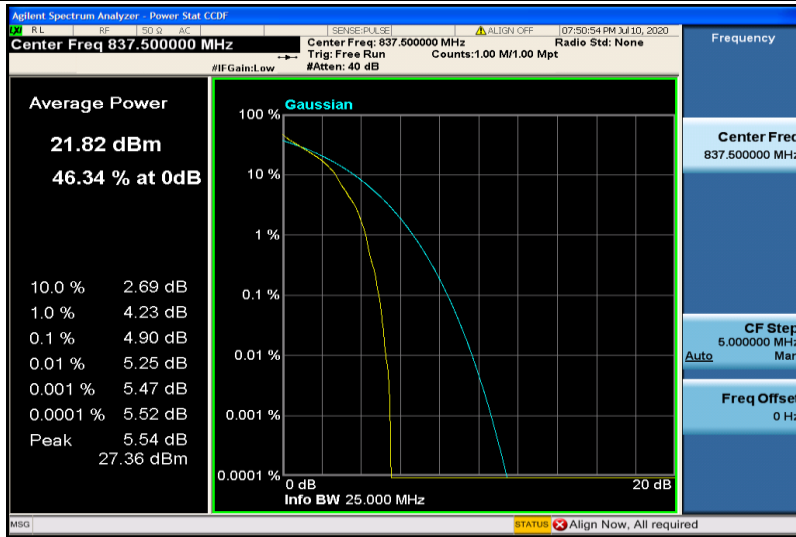
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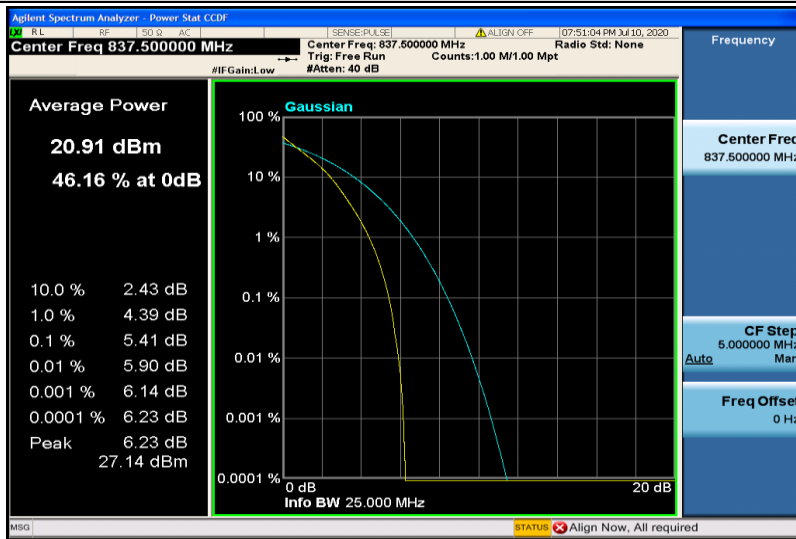
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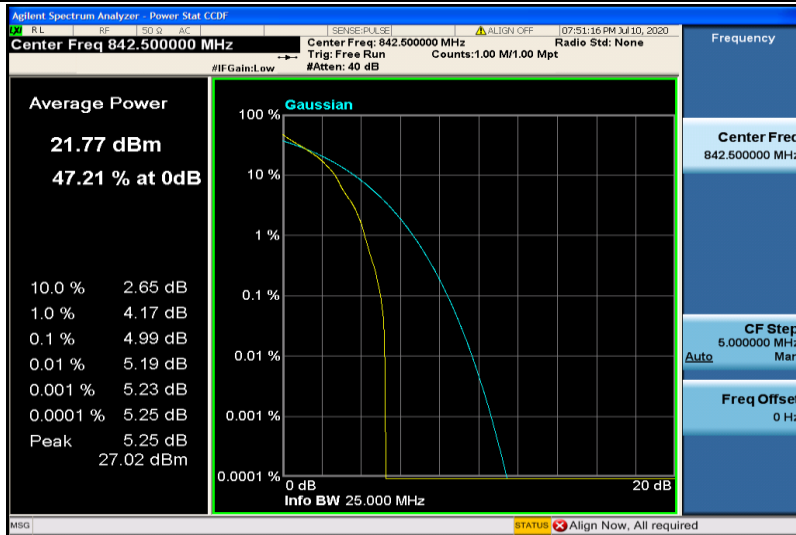
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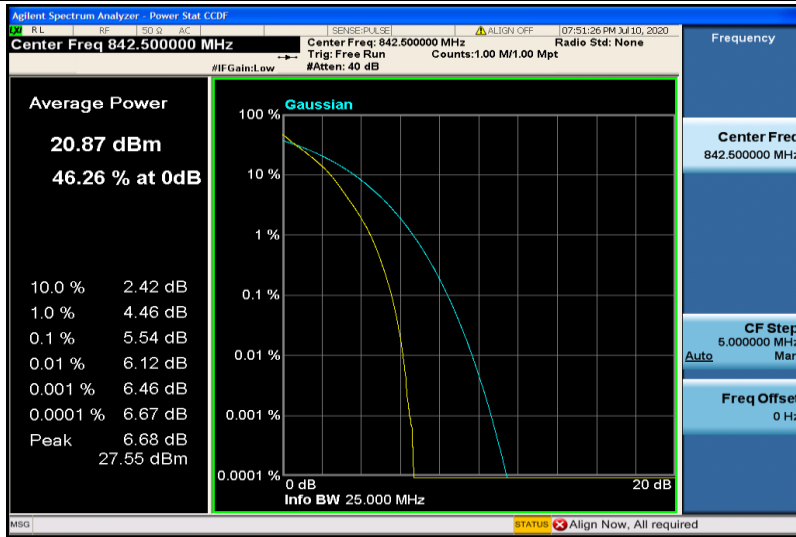
Band19-5MHz-QPSK-24075-1RB#0



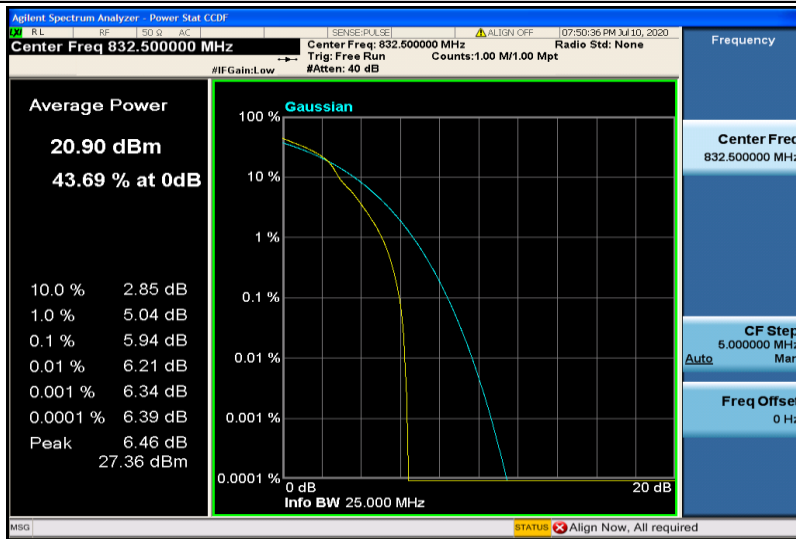
Band19-5MHz-QPSK-24075-25RB#0



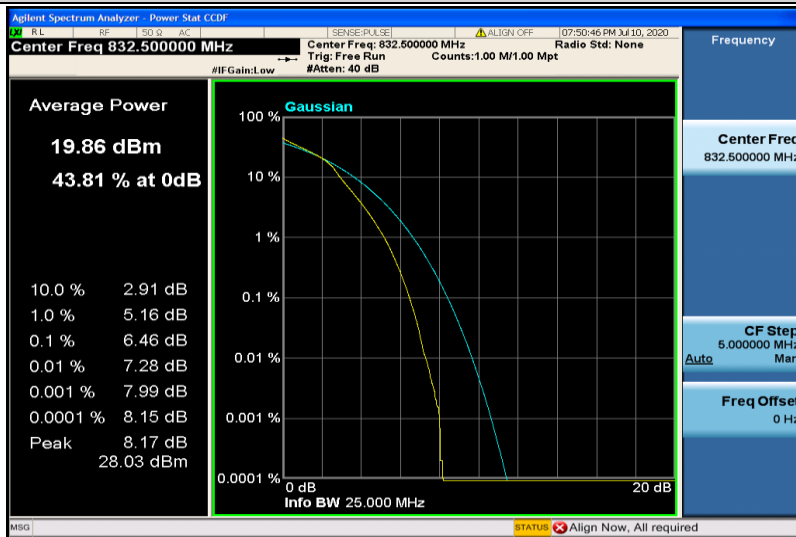
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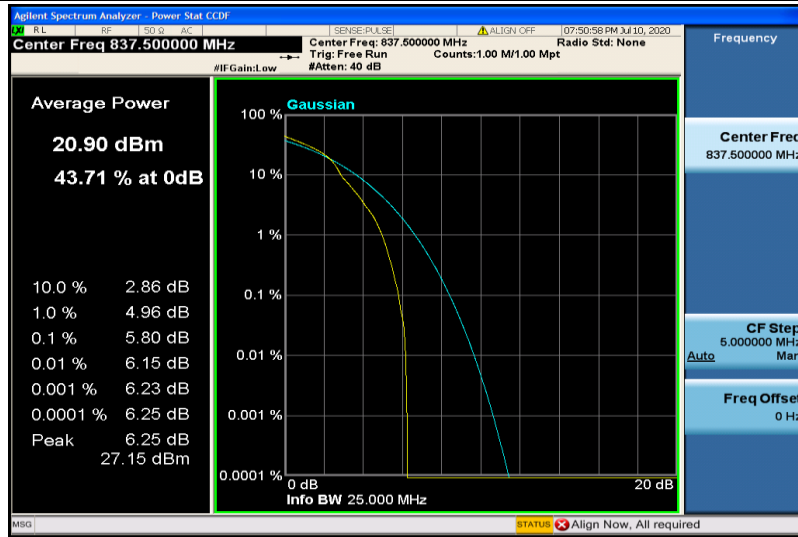
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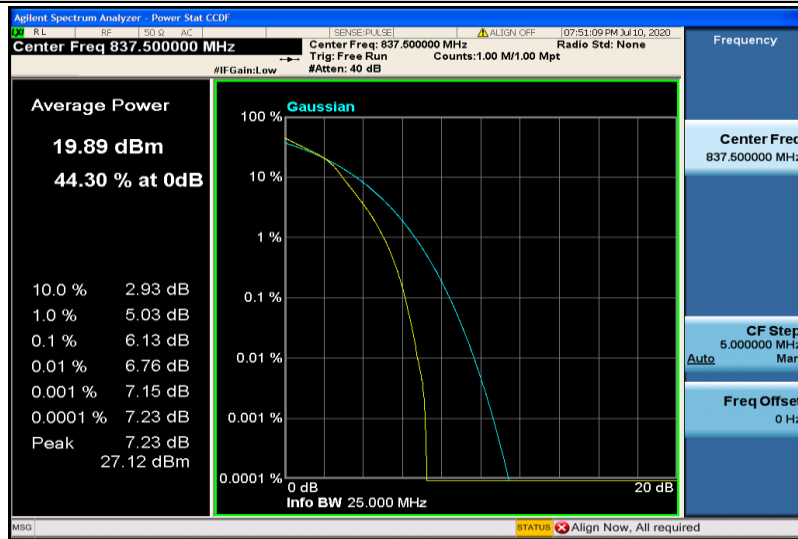
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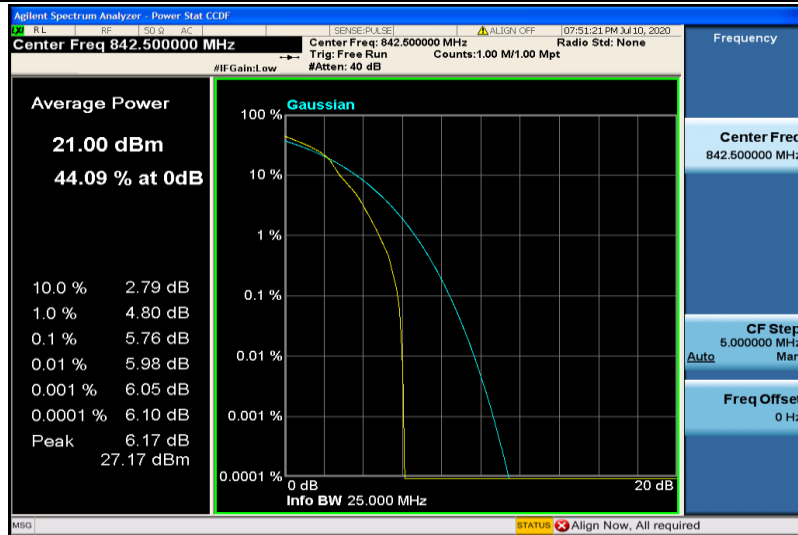
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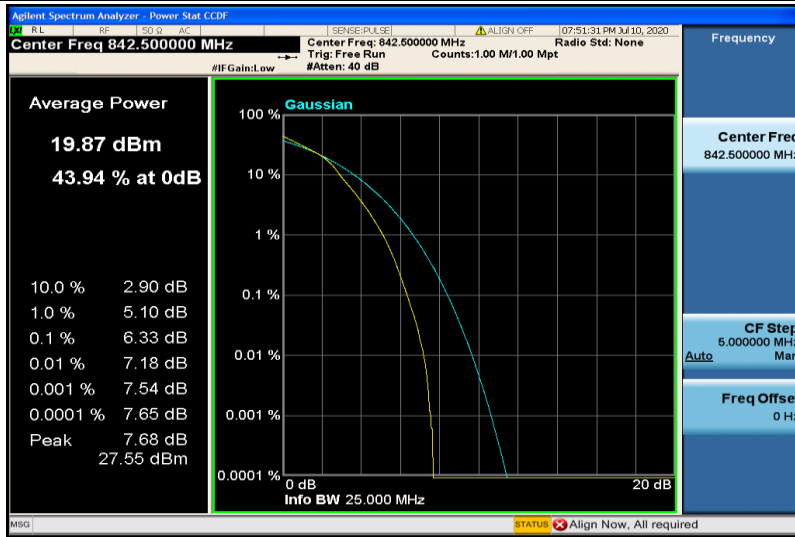
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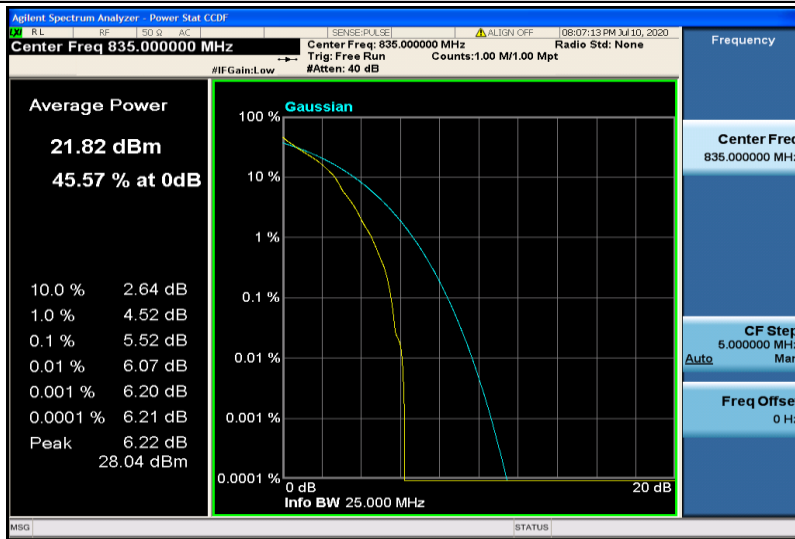
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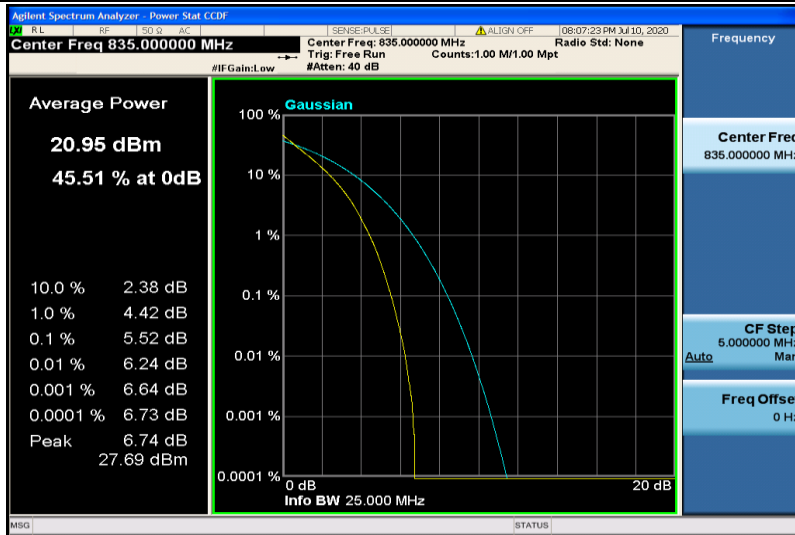
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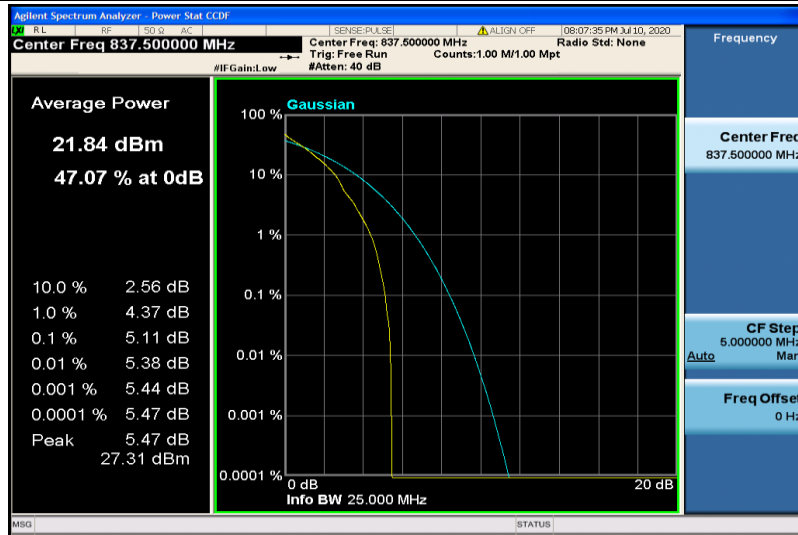
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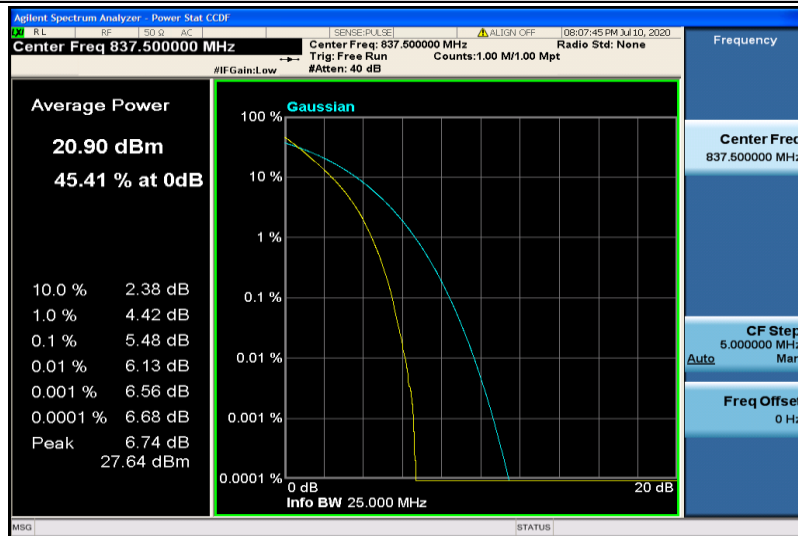
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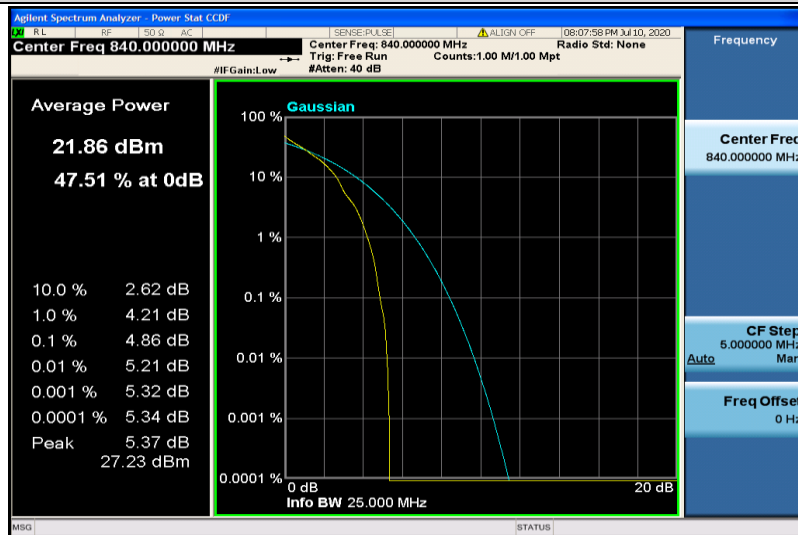
Band19-10MHz-QPSK-24050-50RB#0



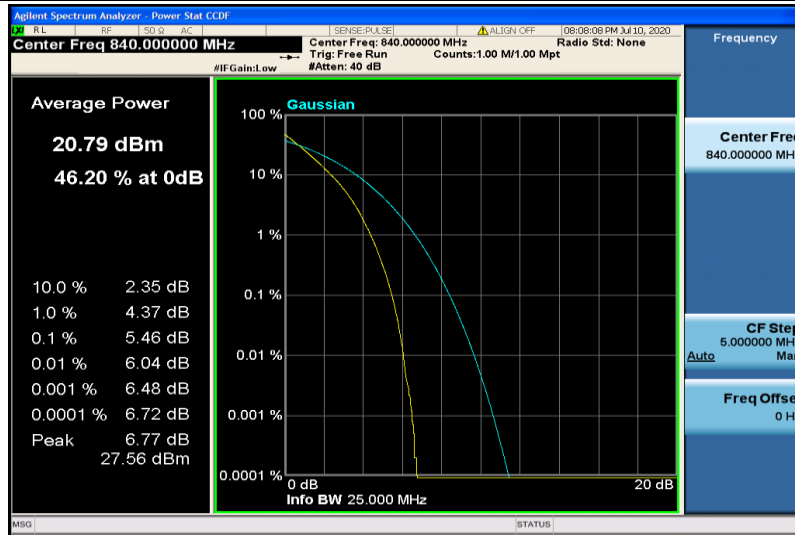
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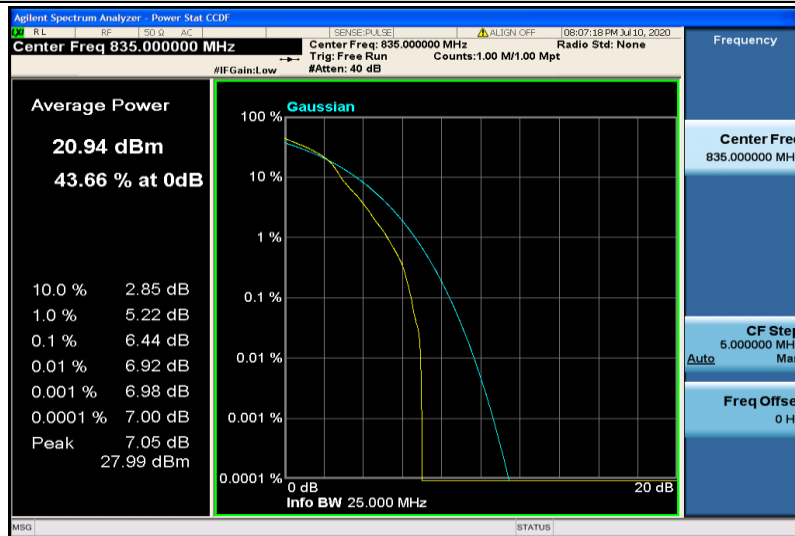
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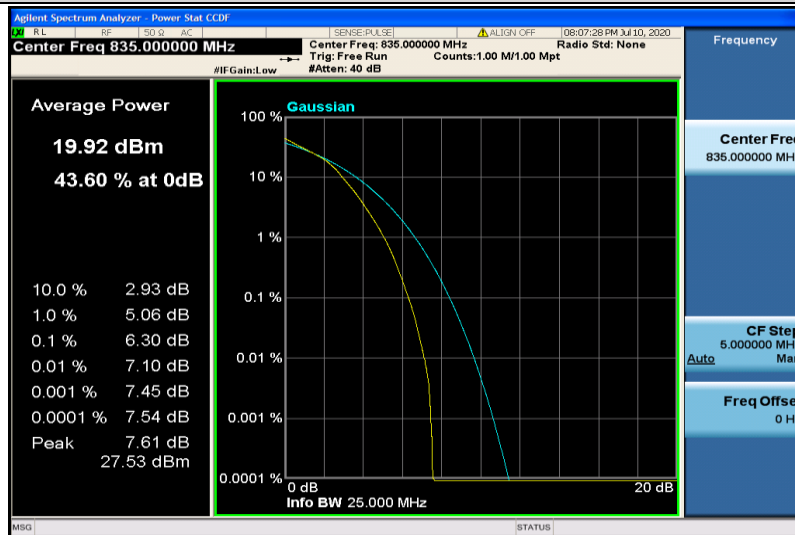
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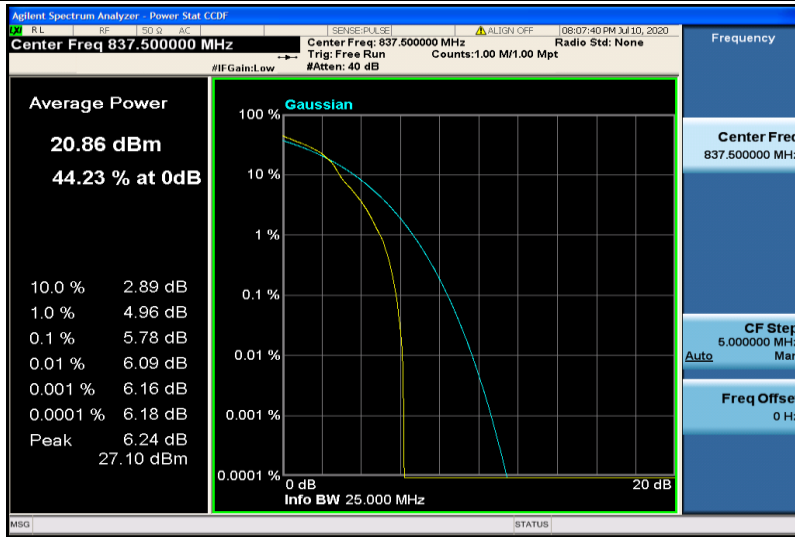
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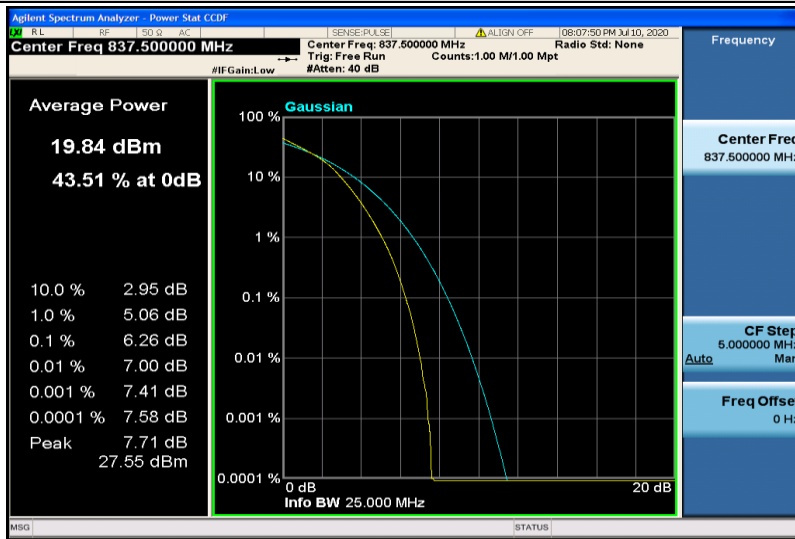
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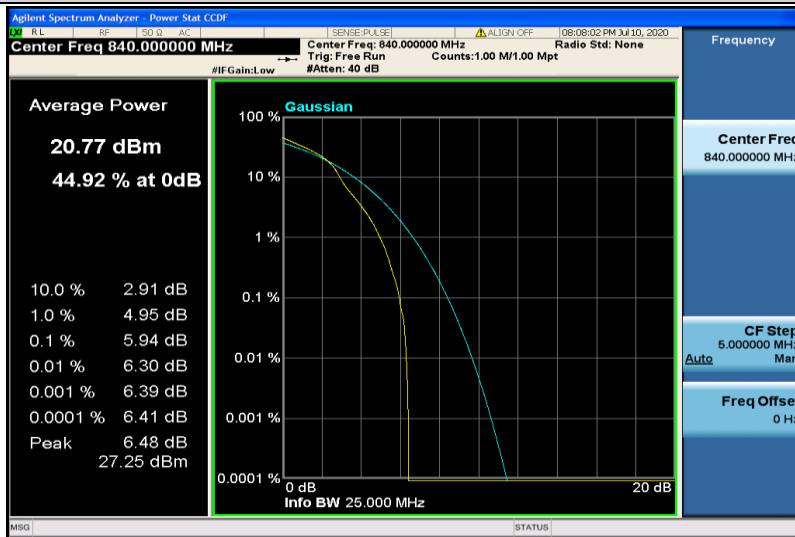
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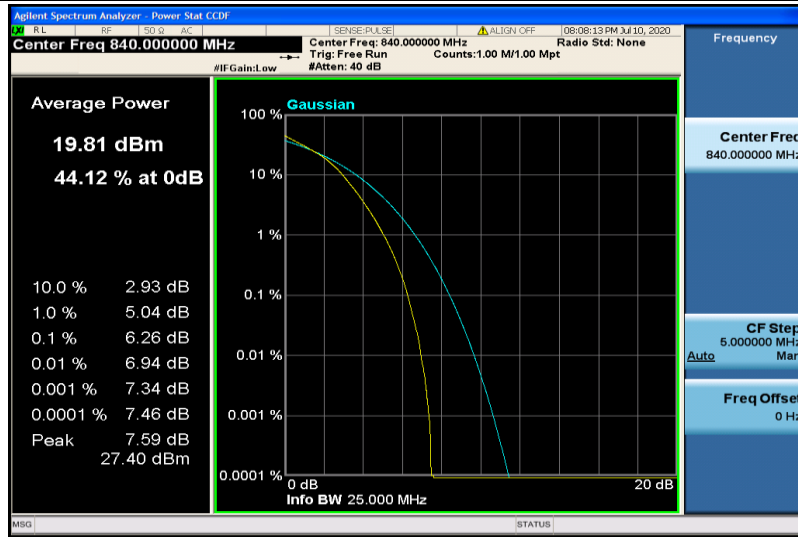
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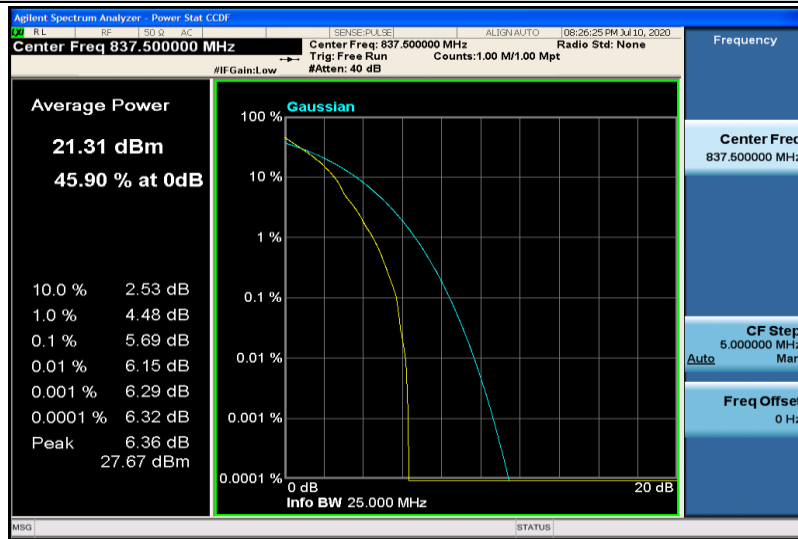
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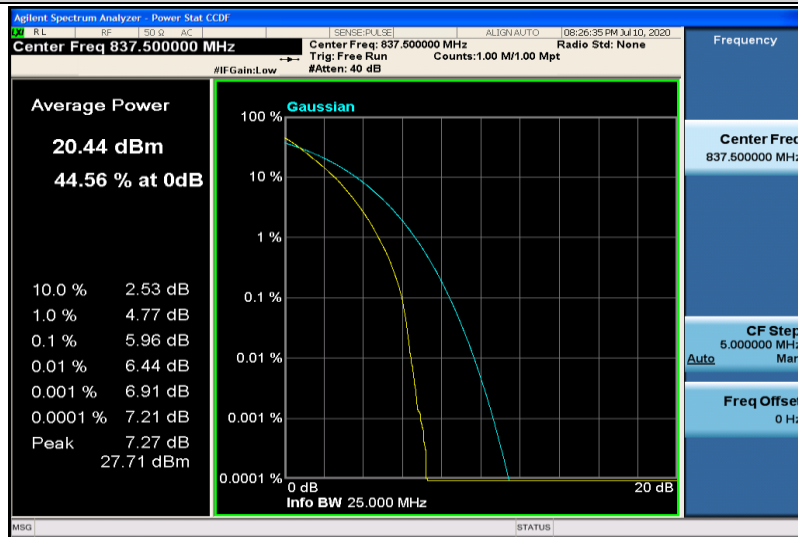
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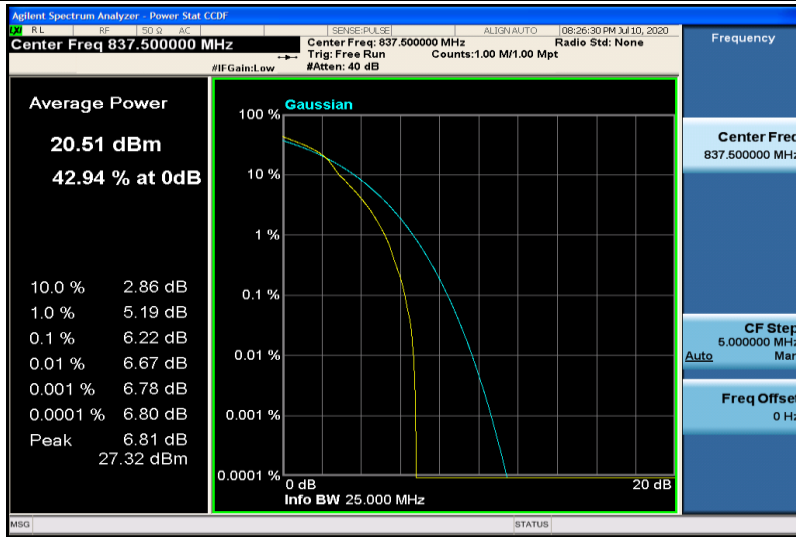
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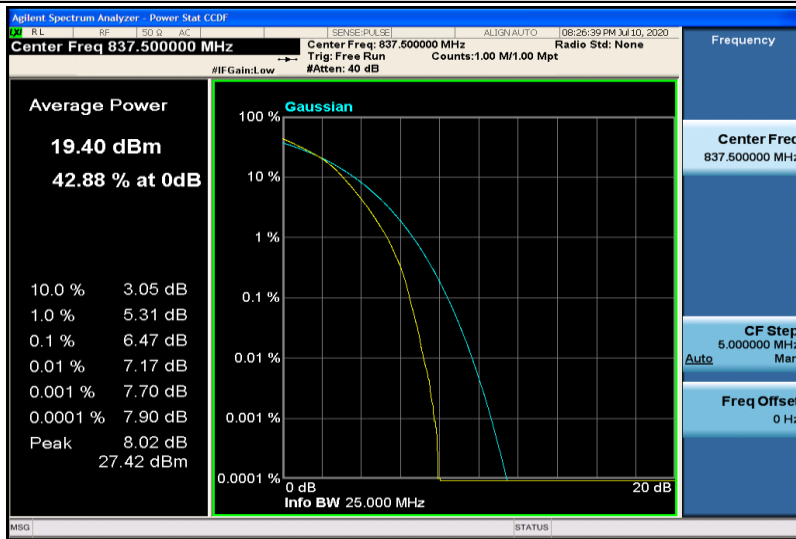
Band19-15MHz-QPSK-24075-1RB#0



Band19-15MHz-QPSK-24075-75RB#0



Band19-15MHz-16QAM-24075-1RB#0



Band19-15MHz-16QAM-24075-75RB#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	1.0798	1.237	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	1.0757	1.245	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1.0775	1.231	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1.0750	1.221	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.0807	1.268	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1.0775	1.250	PASS
Band2	3MHz	QPSK	18615	15RB#0	2.6766	2.867	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.6816	2.857	PASS
Band2	3MHz	QPSK	19185	15RB#0	2.6776	2.846	PASS
Band2	3MHz	16QAM	18615	15RB#0	2.6740	2.866	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.6784	2.866	PASS
Band2	3MHz	16QAM	19185	15RB#0	2.6751	2.846	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.4757	5.007	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.4802	5.098	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.4897	5.029	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.4857	5.109	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.4895	5.611	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.4793	4.977	PASS
Band2	10MHz	QPSK	18650	50RB#0	8.9487	9.917	PASS
Band2	10MHz	QPSK	18900	50RB#0	8.9470	9.772	PASS
Band2	10MHz	QPSK	19150	50RB#0	8.9564	9.942	PASS
Band2	10MHz	16QAM	18650	50RB#0	8.9614	9.847	PASS
Band2	10MHz	16QAM	18900	50RB#0	8.9579	9.781	PASS
Band2	10MHz	16QAM	19150	50RB#0	8.9521	9.785	PASS
Band2	15MHz	QPSK	18675	75RB#0	13.442	15.04	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.411	15.08	PASS
Band2	15MHz	QPSK	19125	75RB#0	13.441	14.85	PASS
Band2	15MHz	16QAM	18675	75RB#0	13.448	14.95	PASS
Band2	15MHz	16QAM	18900	75RB#0	13.442	15.03	PASS
Band2	15MHz	16QAM	19125	75RB#0	13.422	14.72	PASS
Band2	20MHz	QPSK	18700	100RB#0	17.858	19.68	PASS
Band2	20MHz	QPSK	18900	100RB#0	17.894	19.62	PASS
Band2	20MHz	QPSK	19100	100RB#0	17.867	19.36	PASS
Band2	20MHz	16QAM	18700	100RB#0	17.911	19.50	PASS
Band2	20MHz	16QAM	18900	100RB#0	17.883	19.55	PASS
Band2	20MHz	16QAM	19100	100RB#0	17.902	19.51	PASS

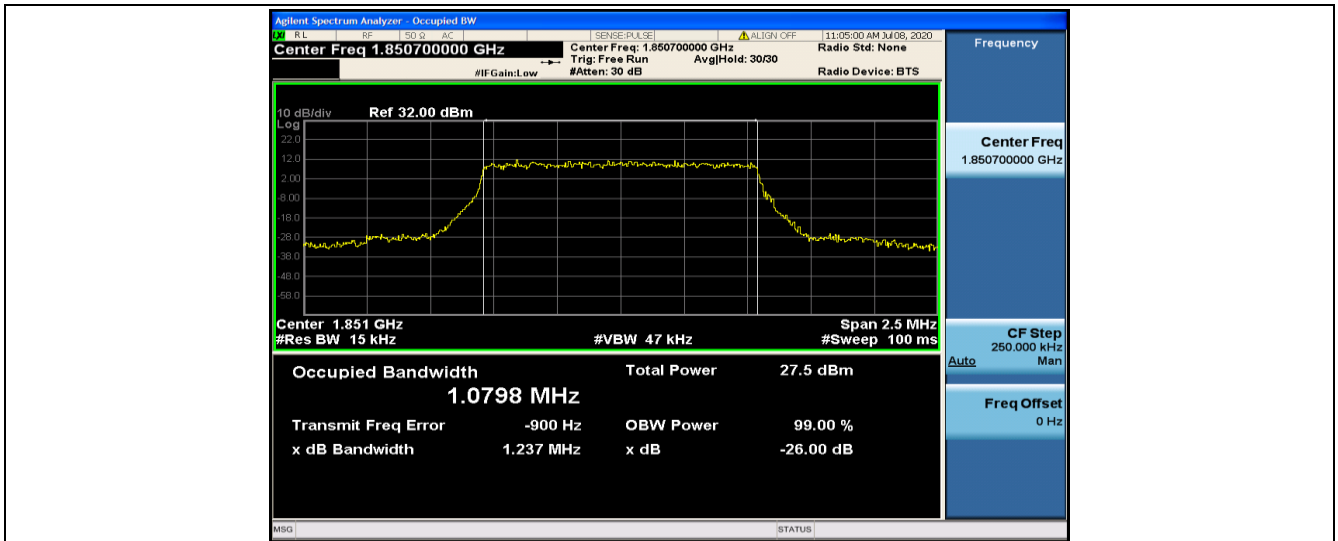
Band4	1.4MHz	QPSK	19957	6RB#0	1.0787	1.257	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.0809	1.269	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.0793	1.257	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.0756	1.219	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.0768	1.230	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.0765	1.263	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.6770	2.849	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.6818	2.875	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.6794	2.867	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.6745	2.860	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.6738	2.866	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.6795	2.863	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.4873	5.031	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.4713	4.998	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.4826	5.052	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.4767	4.950	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.4821	5.077	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.4875	5.068	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.9541	9.861	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.9449	9.802	PASS
Band4	10MHz	QPSK	20350	50RB#0	8.9677	9.912	PASS
Band4	10MHz	16QAM	20000	50RB#0	8.9548	9.851	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.9549	9.793	PASS
Band4	10MHz	16QAM	20350	50RB#0	8.9546	9.798	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.444	14.82	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.432	14.78	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.415	14.70	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.417	14.63	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.436	14.68	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.422	14.67	PASS
Band4	20MHz	QPSK	20050	100RB#0	17.905	19.56	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.861	19.27	PASS
Band4	20MHz	QPSK	20300	100RB#0	17.876	19.23	PASS
Band4	20MHz	16QAM	20050	100RB#0	17.870	19.38	PASS
Band4	20MHz	16QAM	20175	100RB#0	17.895	19.34	PASS
Band4	20MHz	16QAM	20300	100RB#0	17.894	19.37	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	1.0760	1.247	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.0794	1.235	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.0775	1.237	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.0801	1.269	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.0817	1.241	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.0802	1.267	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.6756	2.842	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.6806	2.861	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.6765	2.860	PASS

Band5	3MHz	16QAM	20415	15RB#0	2.6746	2.855	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.6711	2.857	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.6743	2.850	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.4819	5.058	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.4689	5.007	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.4890	5.033	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.4763	4.910	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.4840	5.062	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.4780	4.958	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.9804	9.748	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.9587	9.821	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.9500	9.872	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.9446	9.722	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.9573	9.879	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.9425	9.701	PASS
Band7	5MHz	QPSK	20775	25RB#0	4.4819	5.061	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.4906	5.051	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.4794	5.111	PASS
Band7	5MHz	16QAM	20775	25RB#0	4.4906	5.043	PASS
Band7	5MHz	16QAM	21100	25RB#0	4.4763	4.988	PASS
Band7	5MHz	16QAM	21425	25RB#0	4.4899	5.132	PASS
Band7	10MHz	QPSK	20800	50RB#0	8.9438	9.850	PASS
Band7	10MHz	QPSK	21100	50RB#0	8.9676	9.949	PASS
Band7	10MHz	QPSK	21400	50RB#0	8.9623	10.14	PASS
Band7	10MHz	16QAM	20800	50RB#0	8.9542	9.751	PASS
Band7	10MHz	16QAM	21100	50RB#0	8.9515	9.665	PASS
Band7	10MHz	16QAM	21400	50RB#0	8.9597	9.842	PASS
Band7	15MHz	QPSK	20825	75RB#0	13.331	13.84	PASS
Band7	15MHz	QPSK	21100	75RB#0	13.443	14.82	PASS
Band7	15MHz	QPSK	21375	75RB#0	13.421	15.06	PASS
Band7	15MHz	16QAM	20825	75RB#0	13.436	14.74	PASS
Band7	15MHz	16QAM	21100	75RB#0	13.423	14.60	PASS
Band7	15MHz	16QAM	21375	75RB#0	13.443	14.76	PASS
Band7	20MHz	QPSK	20850	100RB#0	17.925	19.70	PASS
Band7	20MHz	QPSK	21100	100RB#0	17.843	19.27	PASS
Band7	20MHz	QPSK	21350	100RB#0	17.939	24.18	PASS
Band7	20MHz	16QAM	20850	100RB#0	17.872	19.41	PASS
Band7	20MHz	16QAM	21100	100RB#0	17.888	19.63	PASS
Band7	20MHz	16QAM	21350	100RB#0	17.915	22.09	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	1.0799	1.237	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.0813	1.251	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.0801	1.270	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1.0803	1.236	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.0798	1.259	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1.0763	1.219	PASS

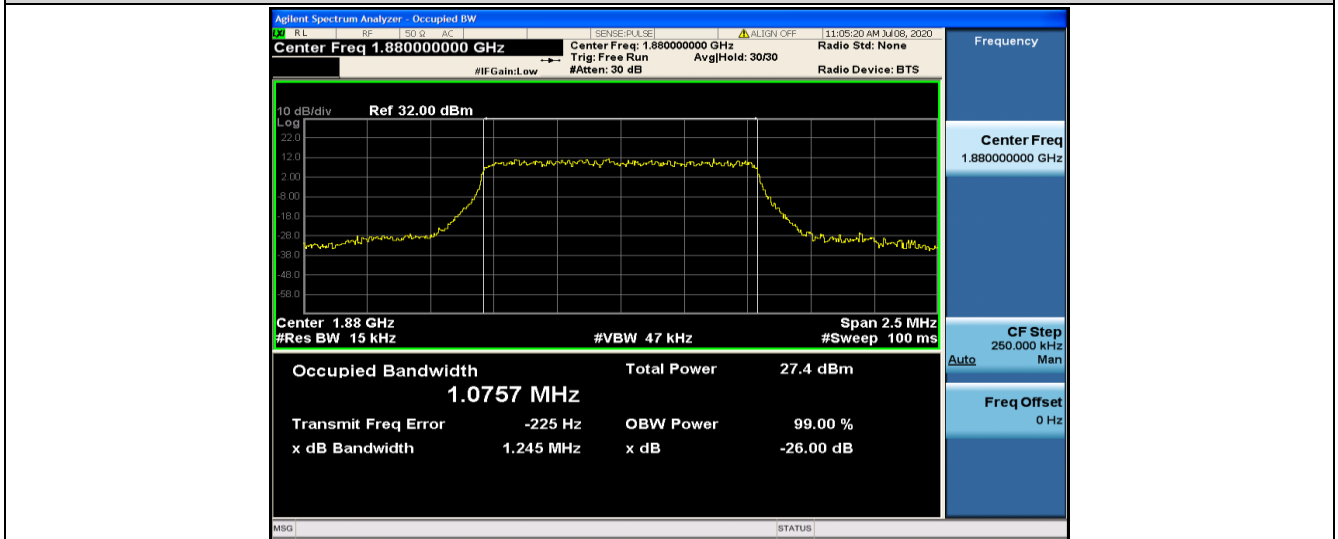
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Band12	3MHz	QPSK	23095	15RB#0	2.6816	2.868	PASS
Band12	3MHz	QPSK	23165	15RB#0	2.6769	2.844	PASS
Band12	3MHz	16QAM	23025	15RB#0	2.6759	2.943	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.6796	2.866	PASS
Band12	3MHz	16QAM	23165	15RB#0	2.6686	2.842	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.4773	4.987	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.4908	5.078	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.4667	5.054	PASS
Band12	5MHz	16QAM	23035	25RB#0	4.4757	5.086	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.4904	4.934	PASS
Band12	5MHz	16QAM	23155	25RB#0	4.4749	5.041	PASS
Band12	10MHz	QPSK	23060	50RB#0	8.9317	9.799	PASS
Band12	10MHz	QPSK	23095	50RB#0	8.9793	9.893	PASS
Band12	10MHz	QPSK	23130	50RB#0	8.9466	9.753	PASS
Band12	10MHz	16QAM	23060	50RB#0	8.9363	9.826	PASS
Band12	10MHz	16QAM	23095	50RB#0	8.9815	9.895	PASS
Band12	10MHz	16QAM	23130	50RB#0	8.9442	9.828	PASS
Band13	5MHz	QPSK	23205	25RB#0	4.4906	5.054	PASS
Band13	5MHz	QPSK	23230	25RB#0	4.4783	5.073	PASS
Band13	5MHz	QPSK	23255	25RB#0	4.4848	5.060	PASS
Band13	5MHz	16QAM	23205	25RB#0	4.4839	4.985	PASS
Band13	5MHz	16QAM	23230	25RB#0	4.4875	5.032	PASS
Band13	5MHz	16QAM	23255	25RB#0	4.4814	5.024	PASS
Band13	10MHz	QPSK	23230	50RB#0	8.9501	9.783	PASS
Band13	10MHz	16QAM	23230	50RB#0	8.9530	9.857	PASS
Band17	5MHz	QPSK	23755	25RB#0	4.4909	5.012	PASS
Band17	5MHz	QPSK	23790	25RB#0	4.4946	5.075	PASS
Band17	5MHz	QPSK	23825	25RB#0	4.4638	4.957	PASS
Band17	5MHz	16QAM	23755	25RB#0	4.4930	5.064	PASS
Band17	5MHz	16QAM	23790	25RB#0	4.4836	4.985	PASS
Band17	5MHz	16QAM	23825	25RB#0	4.4753	5.060	PASS
Band17	10MHz	QPSK	23780	50RB#0	8.9727	9.885	PASS
Band17	10MHz	QPSK	23790	50RB#0	8.9737	9.846	PASS
Band17	10MHz	QPSK	23800	50RB#0	8.9471	9.815	PASS
Band17	10MHz	16QAM	23780	50RB#0	8.9791	9.883	PASS
Band17	10MHz	16QAM	23790	50RB#0	8.9531	9.815	PASS
Band17	10MHz	16QAM	23800	50RB#0	8.9489	9.775	PASS
Band19	5MHz	QPSK	24025	25RB#0	4.4852	5.032	PASS
Band19	5MHz	QPSK	24075	25RB#0	4.4869	5.037	PASS
Band19	5MHz	QPSK	24125	25RB#0	4.4676	4.969	PASS
Band19	5MHz	16QAM	24025	25RB#0	4.4879	5.051	PASS
Band19	5MHz	16QAM	24075	25RB#0	4.4779	4.979	PASS
Band19	5MHz	16QAM	24125	25RB#0	4.4761	5.034	PASS
Band19	10MHz	QPSK	24050	50RB#0	8.9612	9.944	PASS

Band19	10MHz	QPSK	24075	50RB#0	8.9484	9.911	PASS
Band19	10MHz	QPSK	24100	50RB#0	8.9298	9.713	PASS
Band19	10MHz	16QAM	24050	50RB#0	8.9610	9.716	PASS
Band19	10MHz	16QAM	24075	50RB#0	8.9461	9.830	PASS
Band19	10MHz	16QAM	24100	50RB#0	8.9347	9.726	PASS
Band19	15MHz	QPSK	24075	75RB#0	13.419	14.77	PASS
Band19	15MHz	16QAM	24075	75RB#0	13.425	14.63	PASS

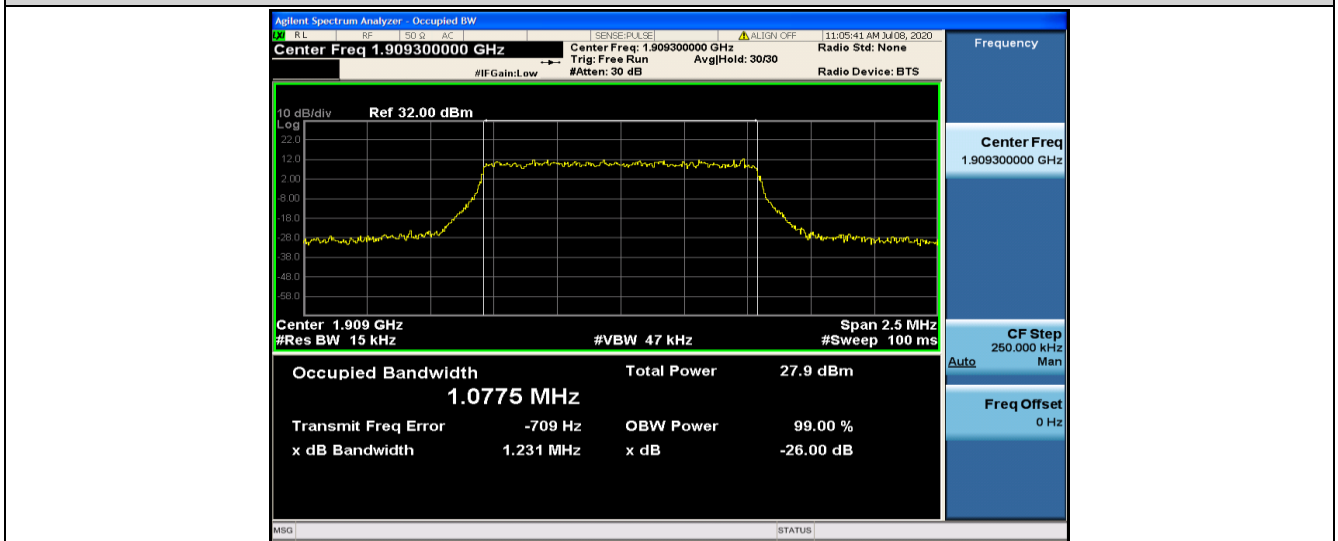
Test Graphs



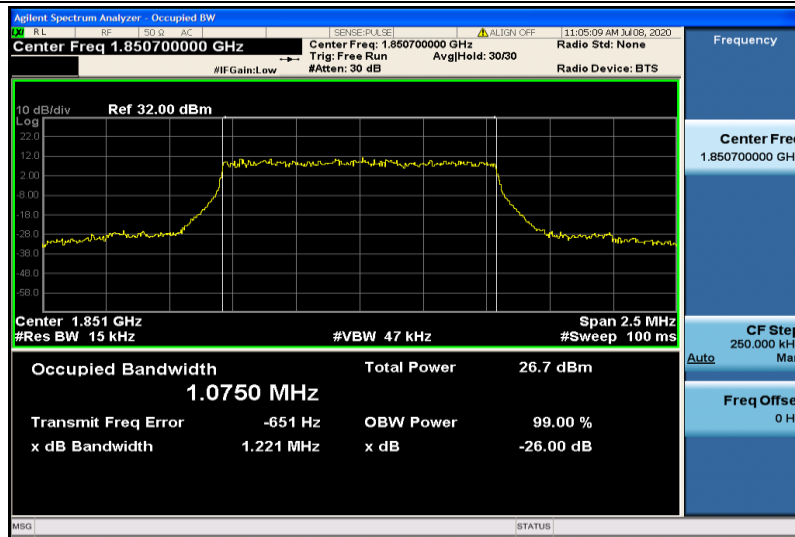
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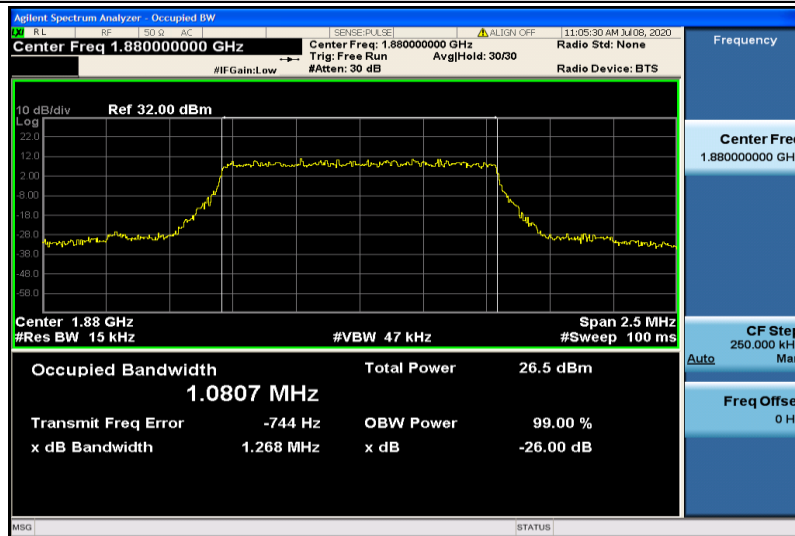
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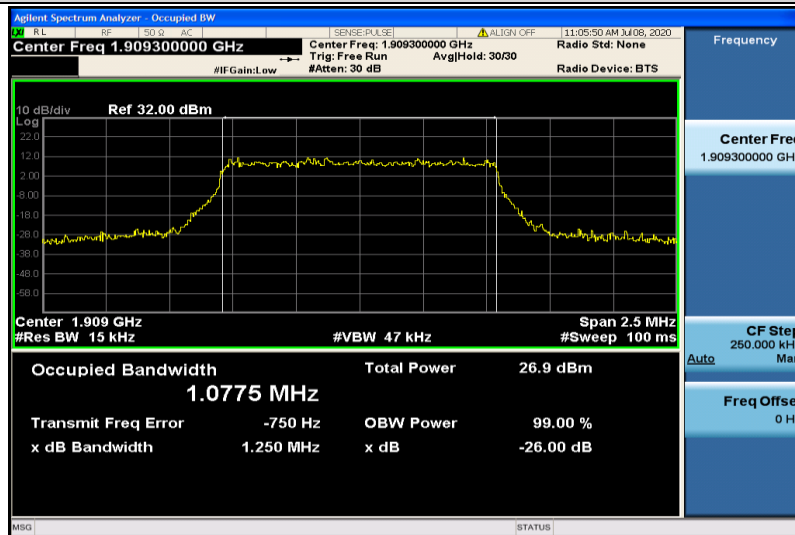
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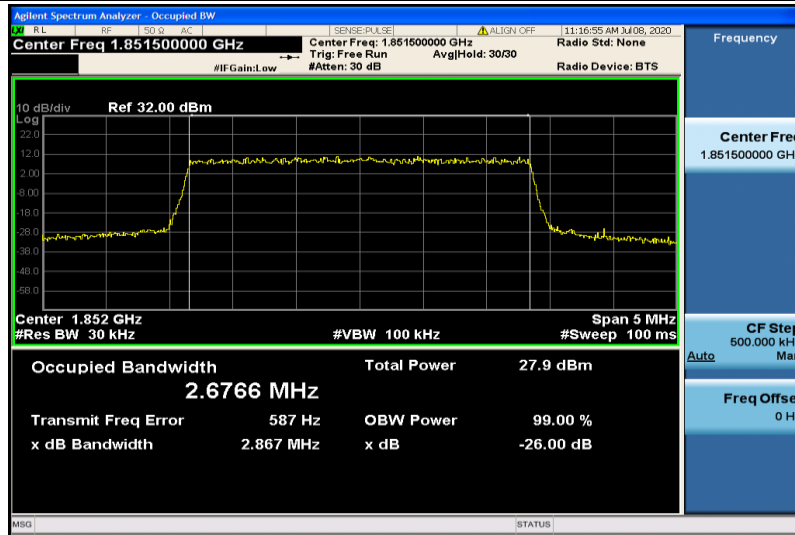
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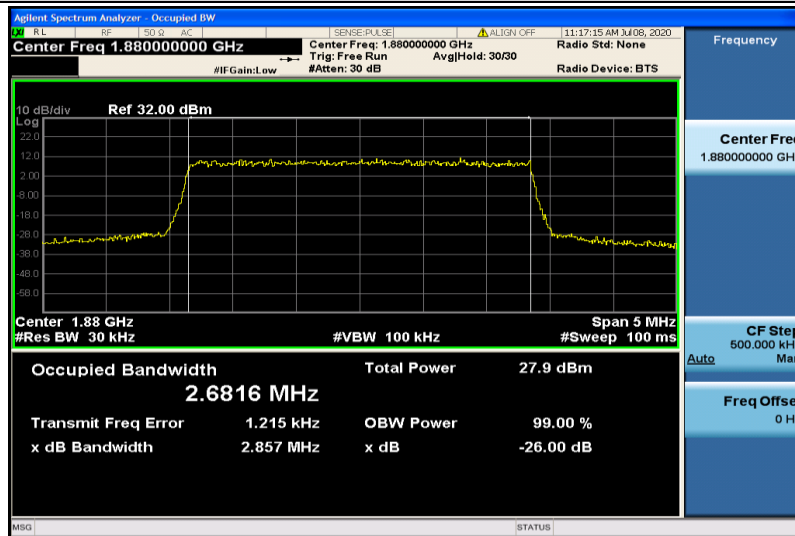
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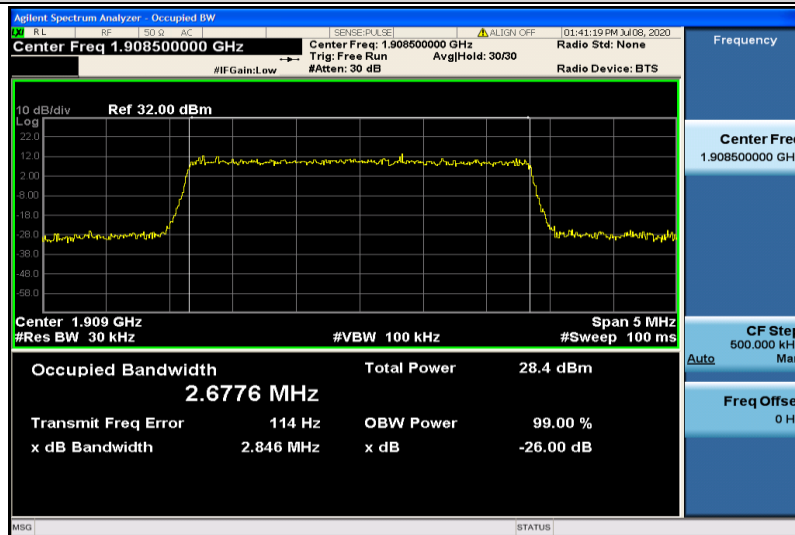
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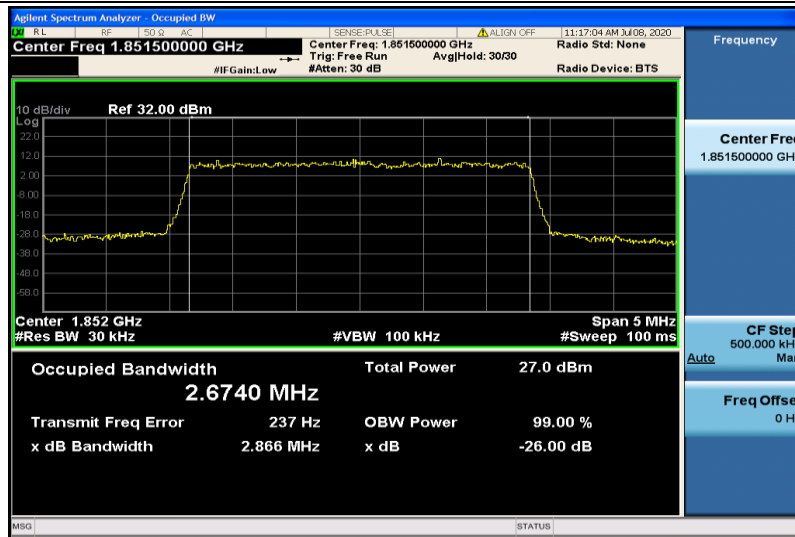
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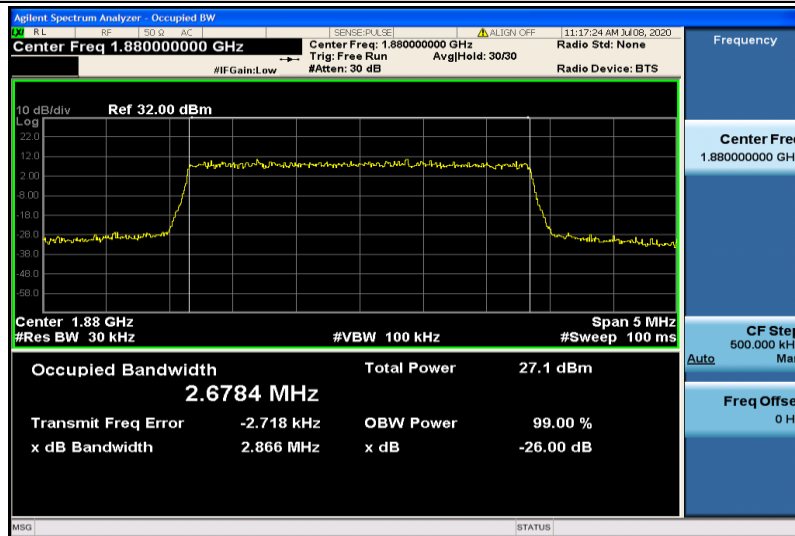
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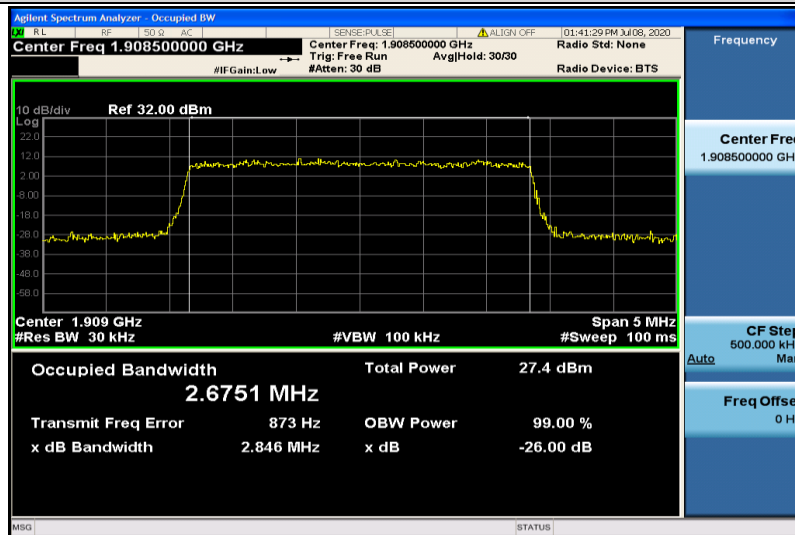
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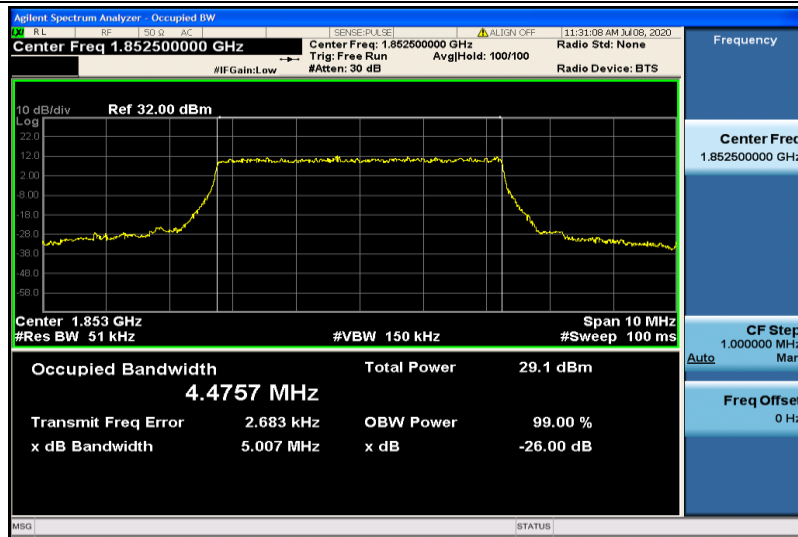
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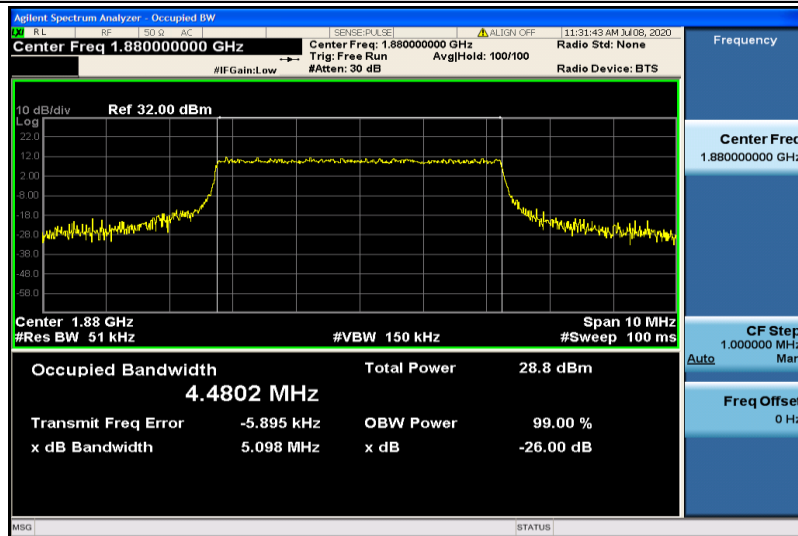
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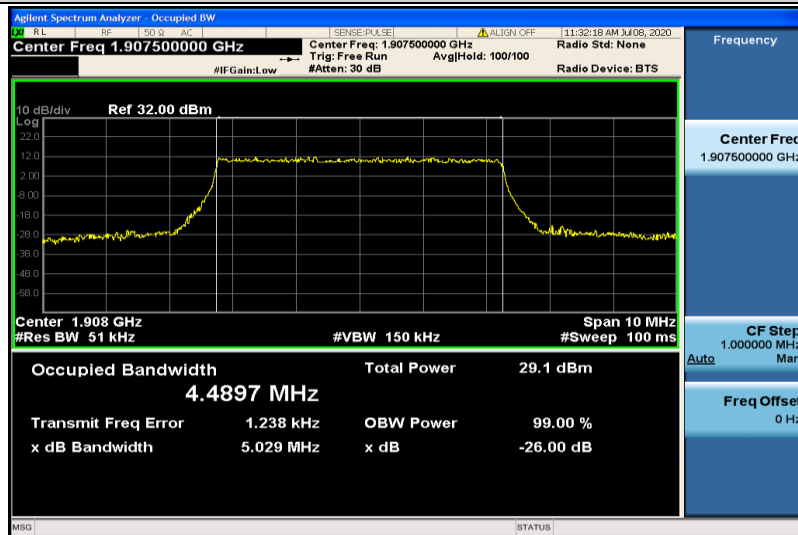
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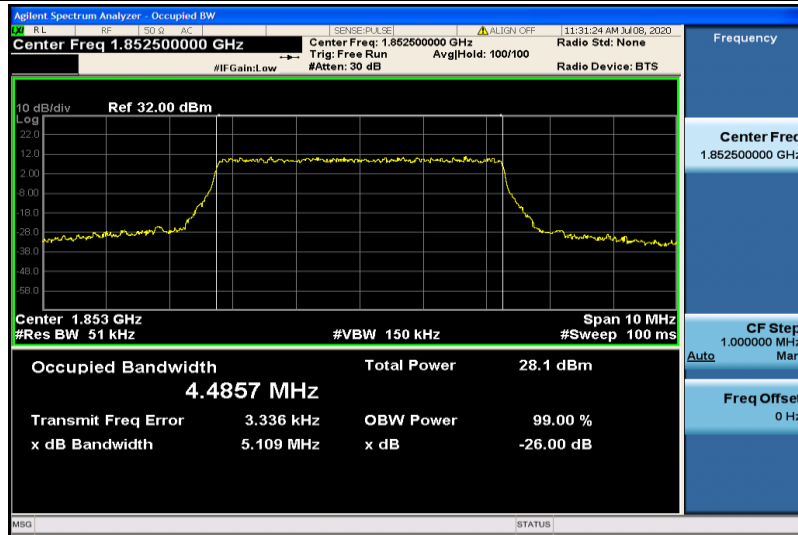
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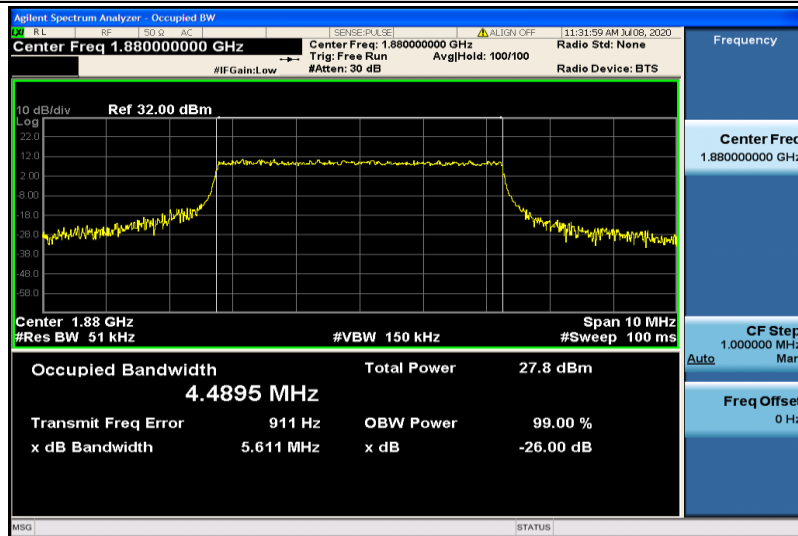
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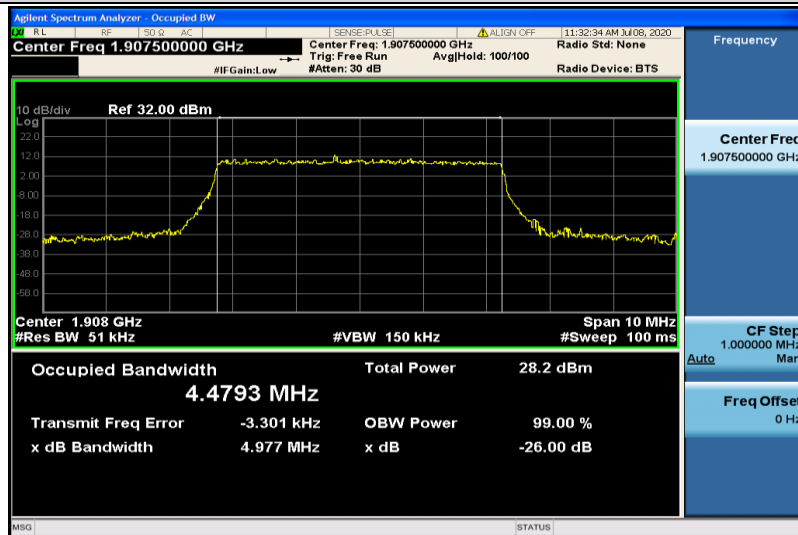
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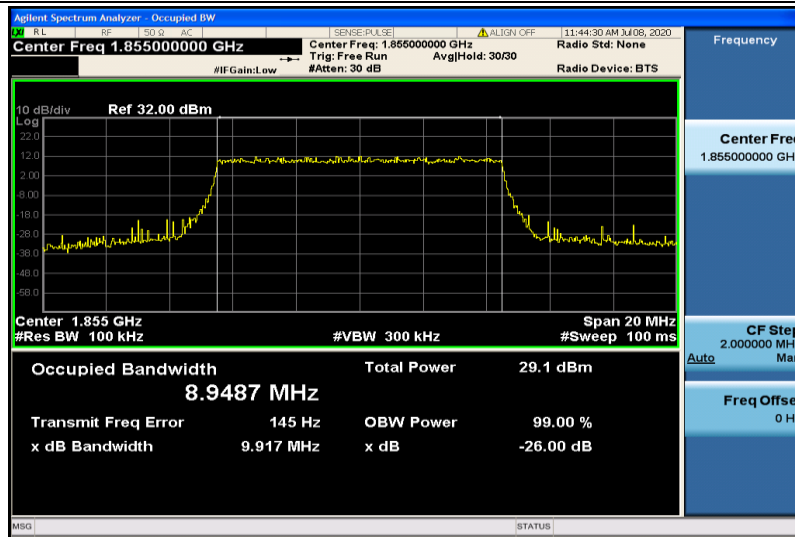
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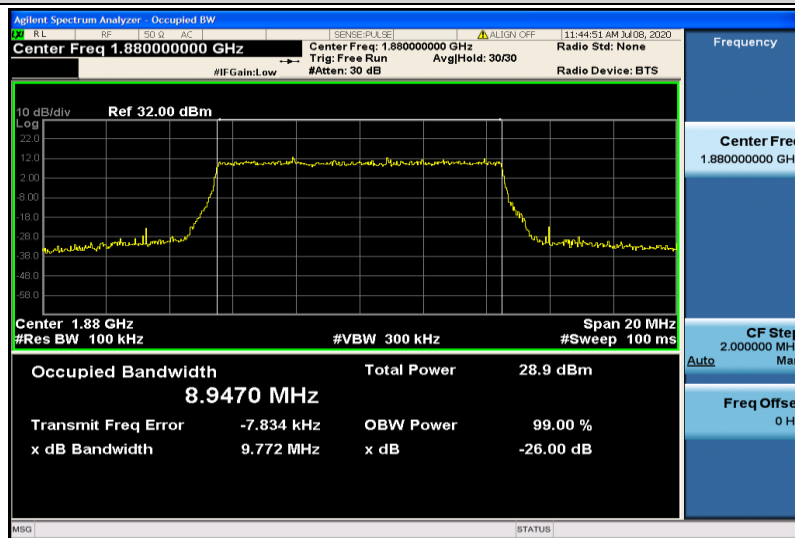
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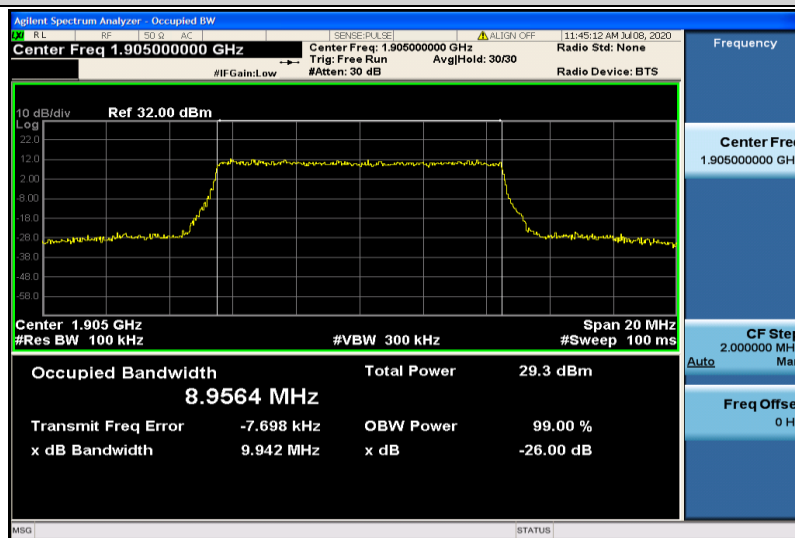
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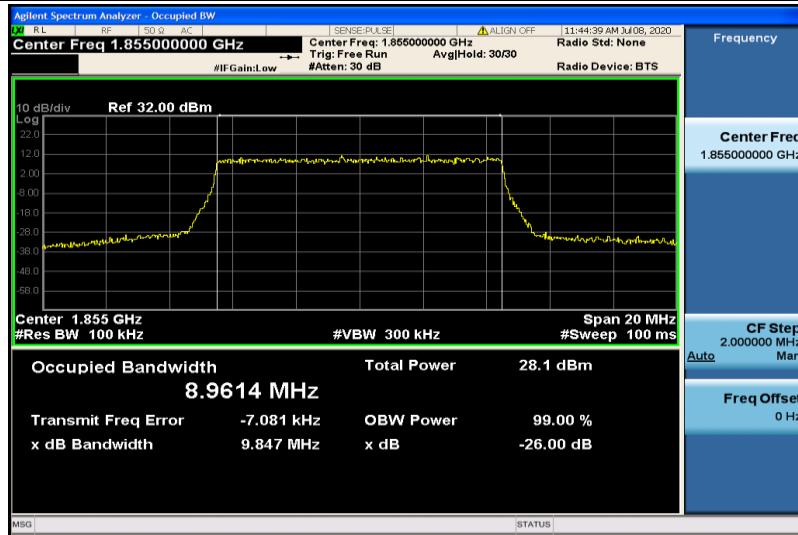
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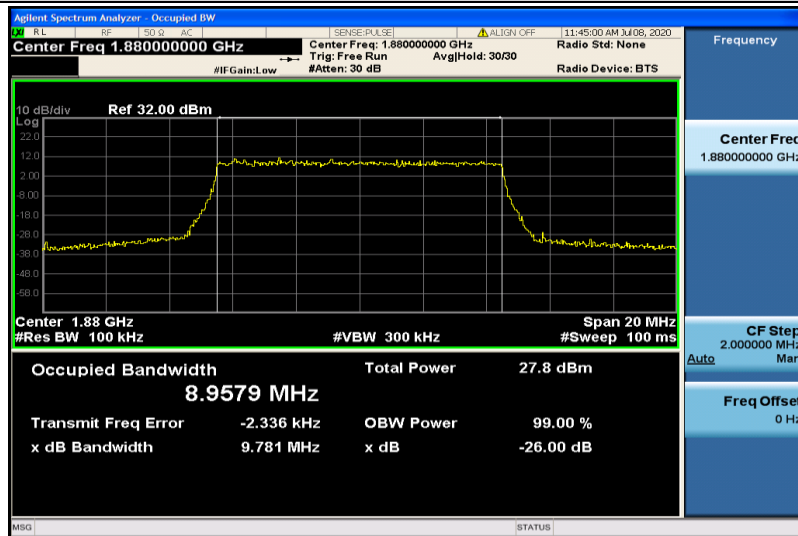
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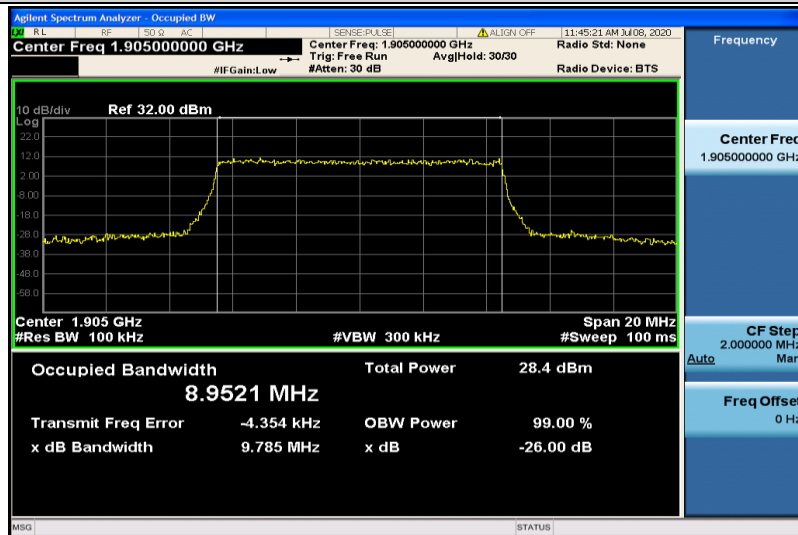
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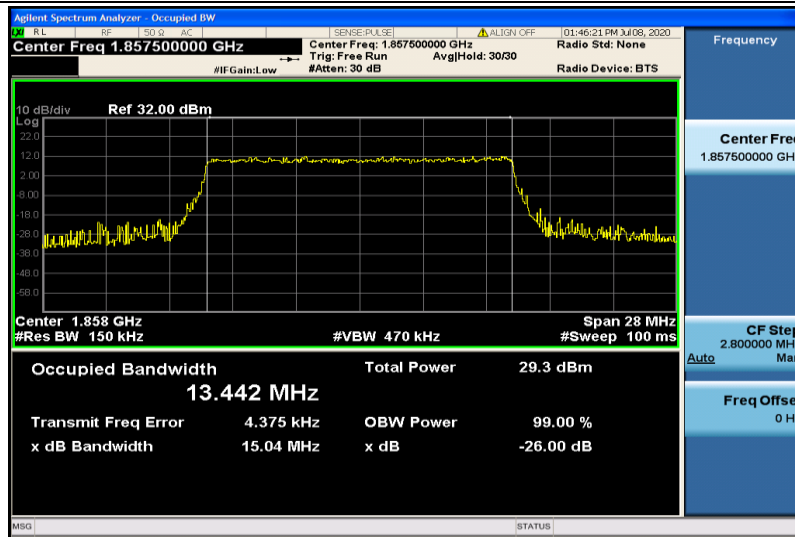
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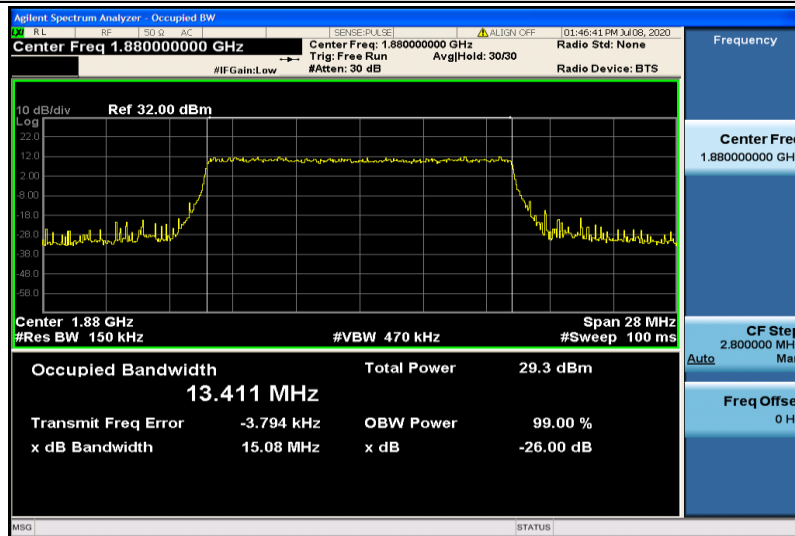
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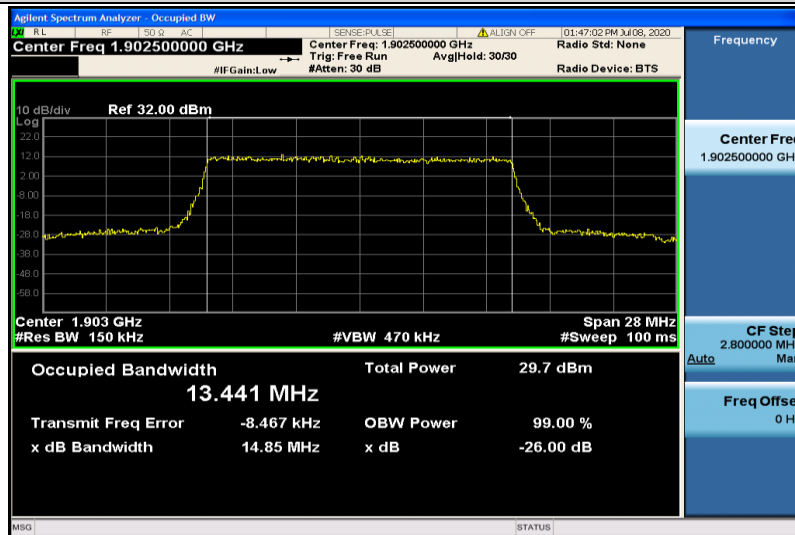
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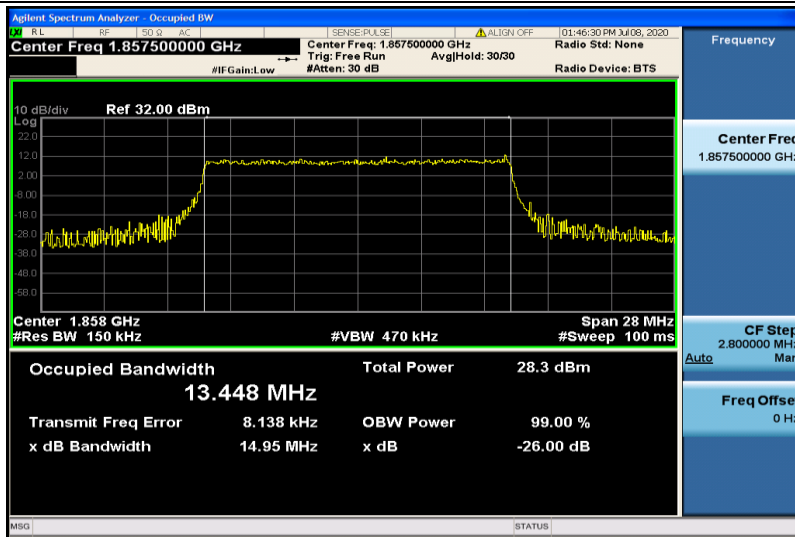
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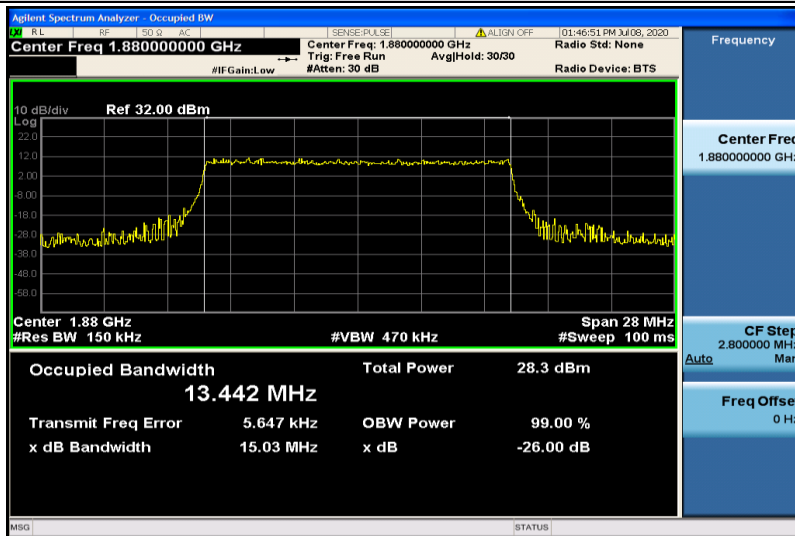
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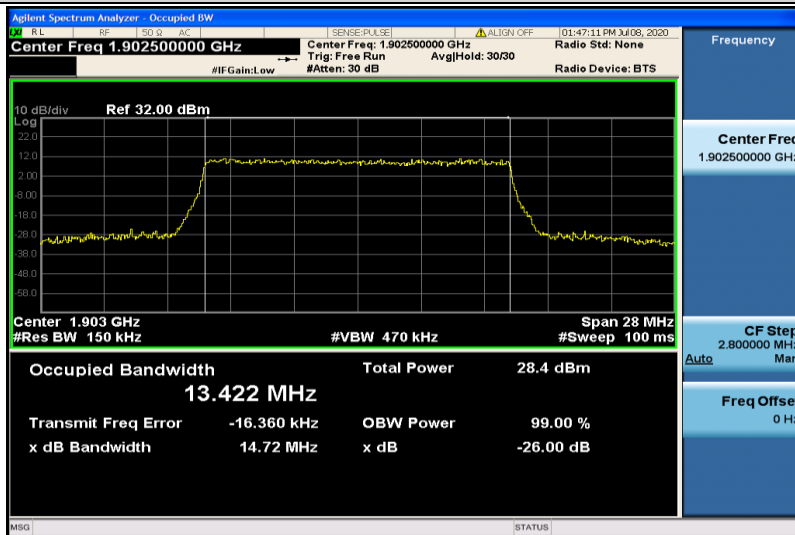
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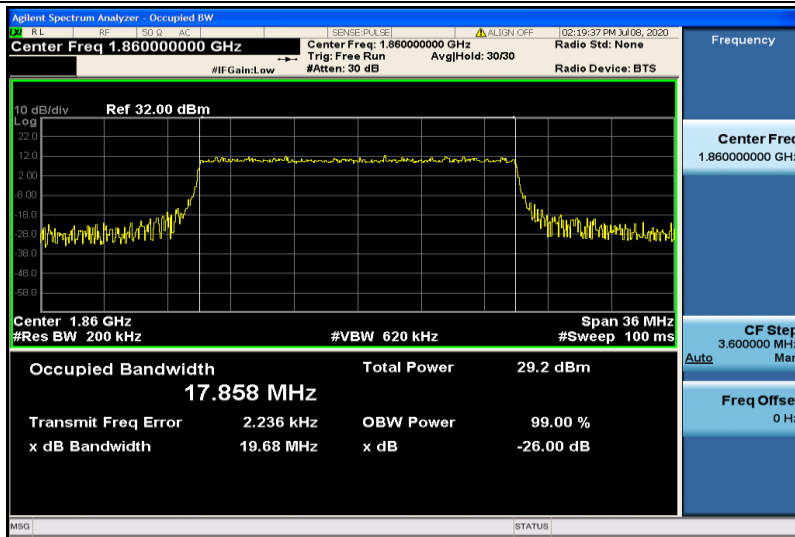
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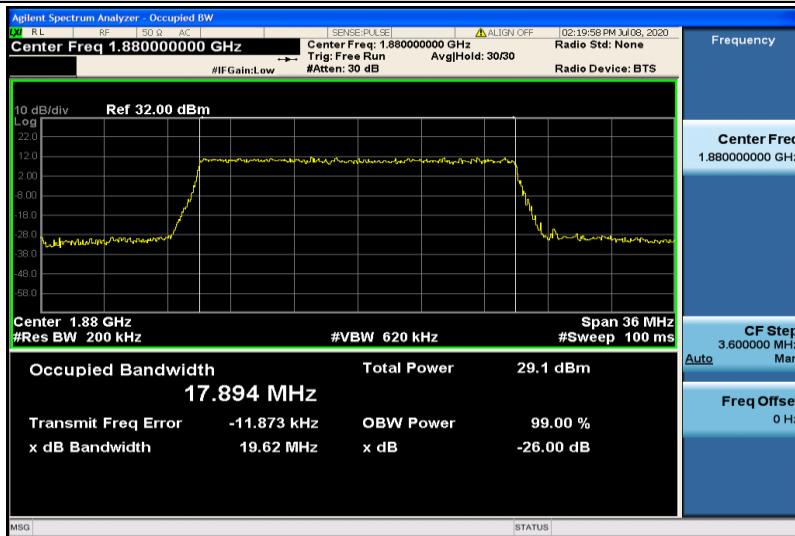
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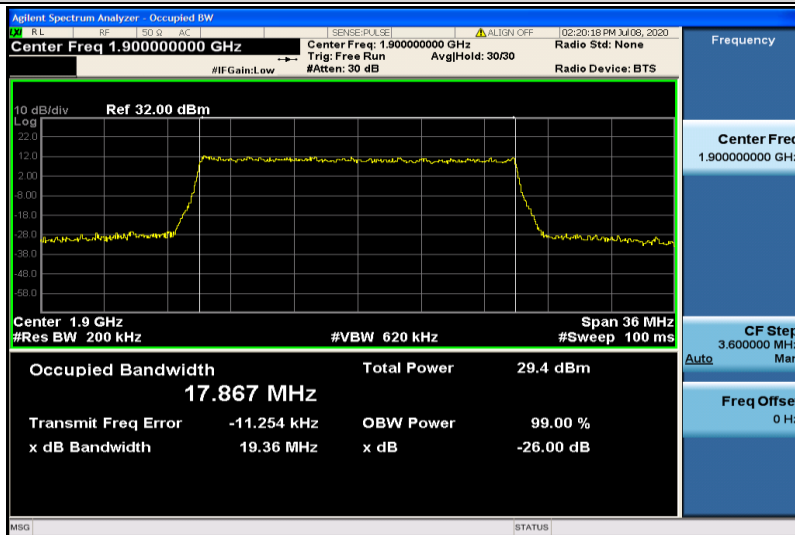
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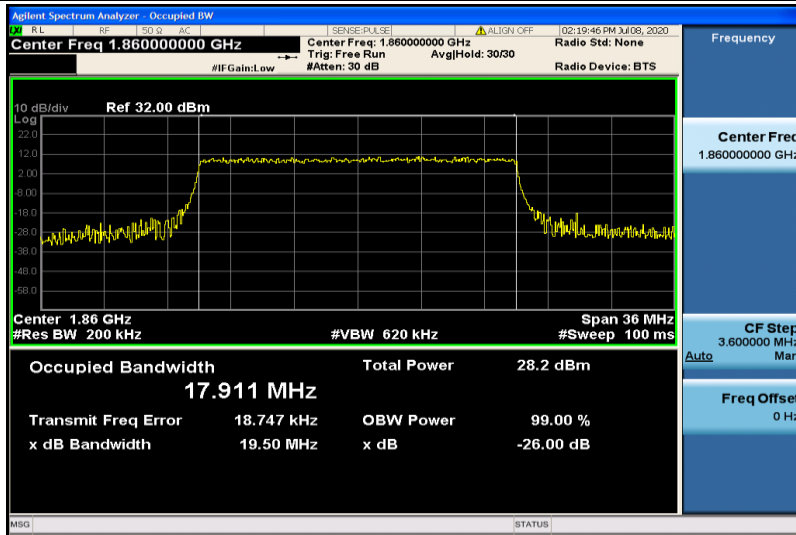
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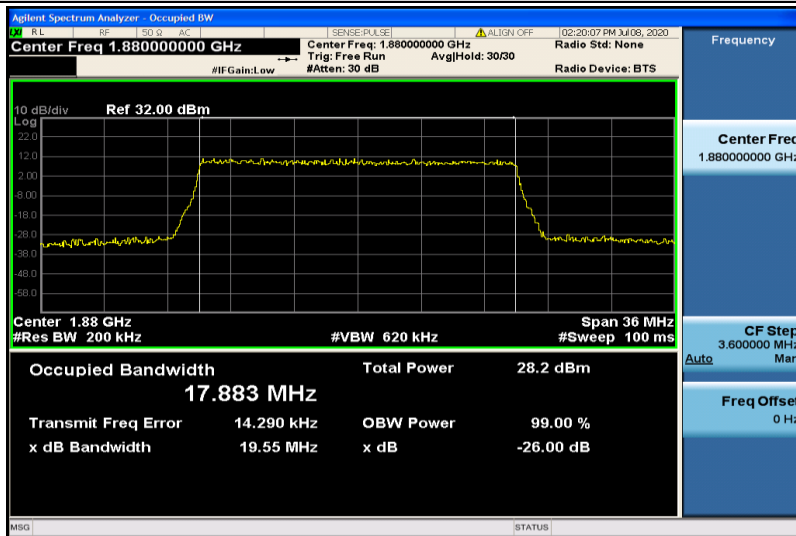
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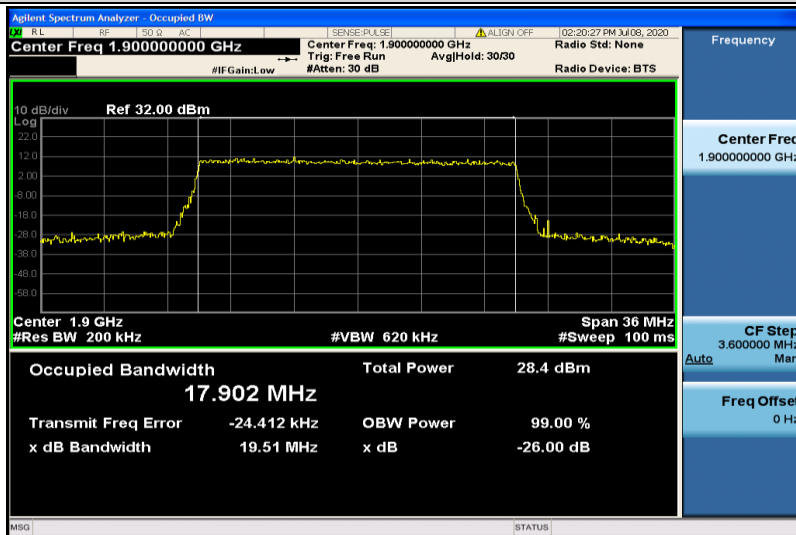
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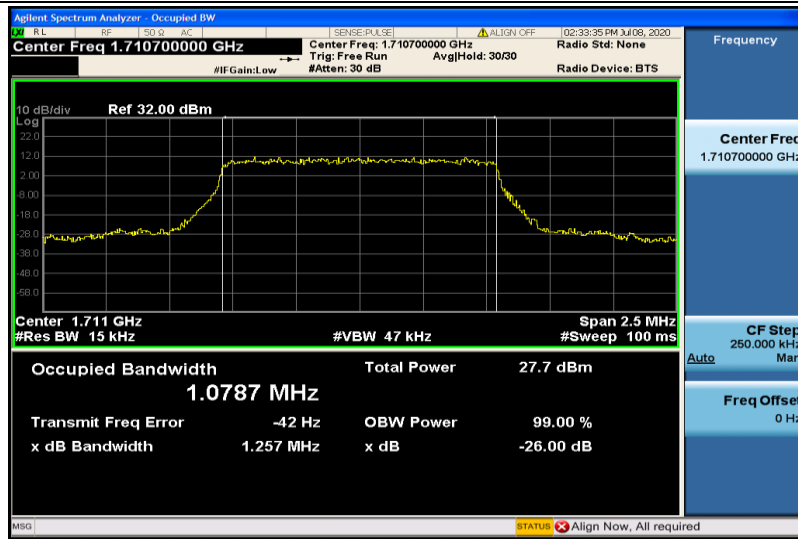
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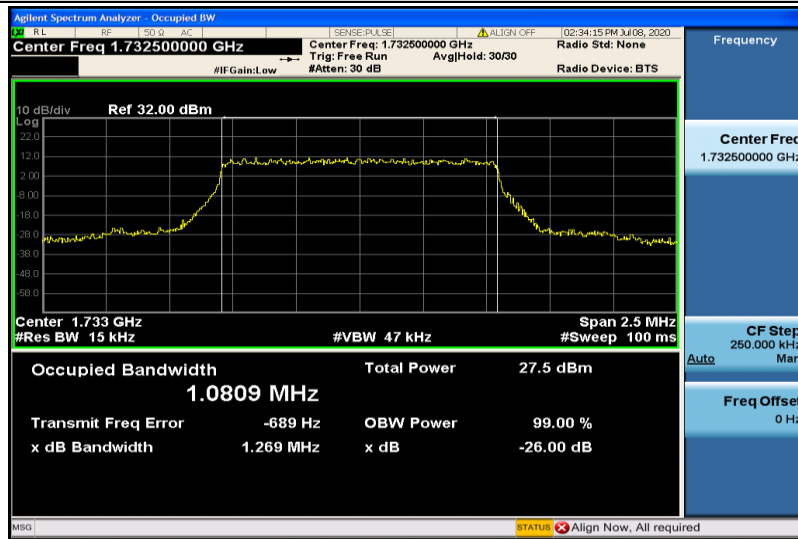
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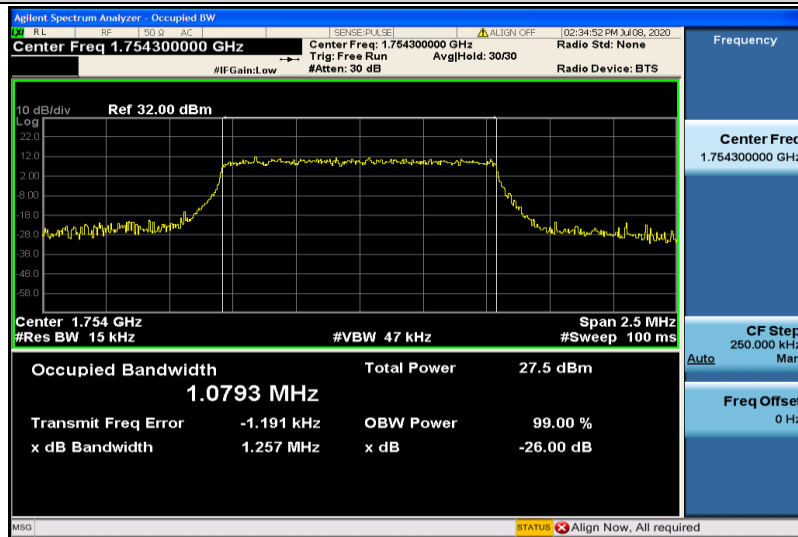
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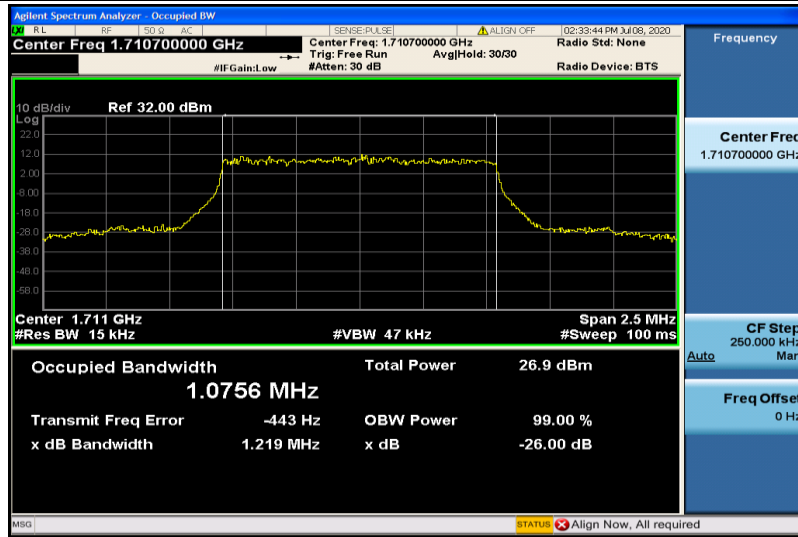
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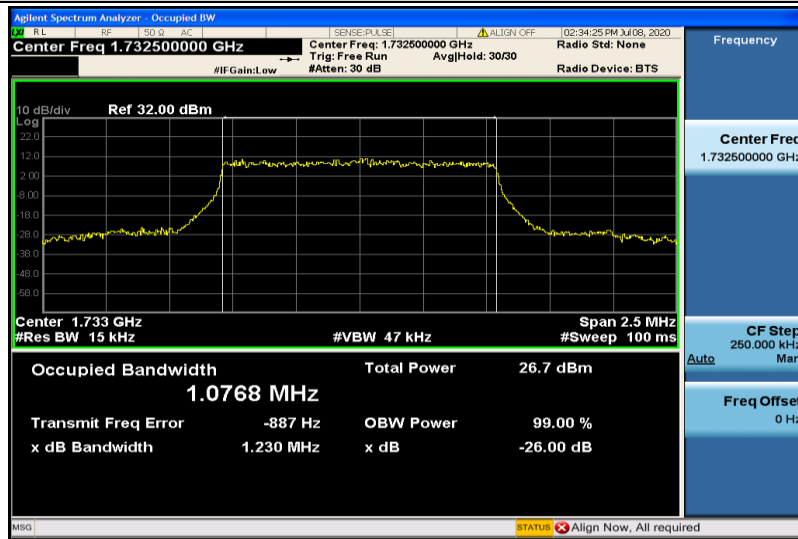
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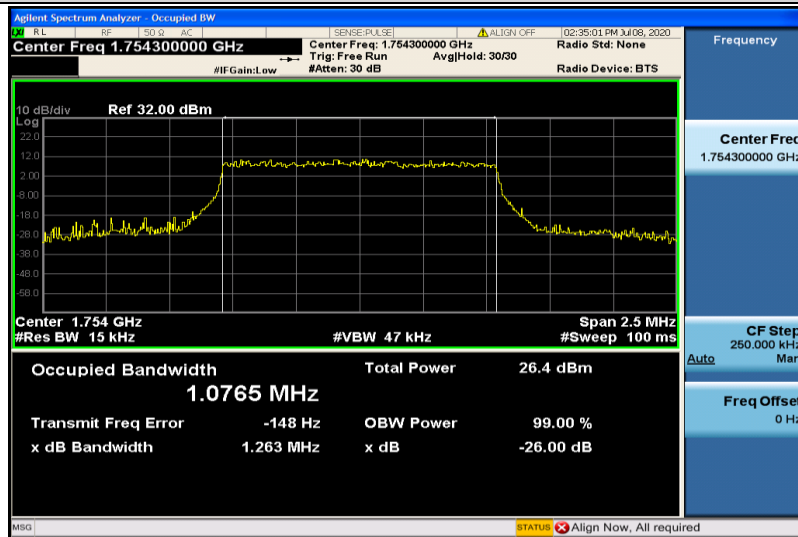
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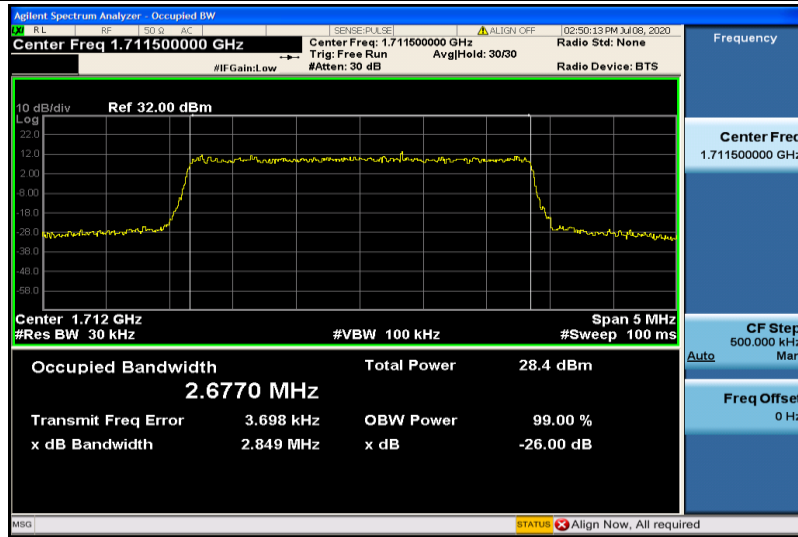
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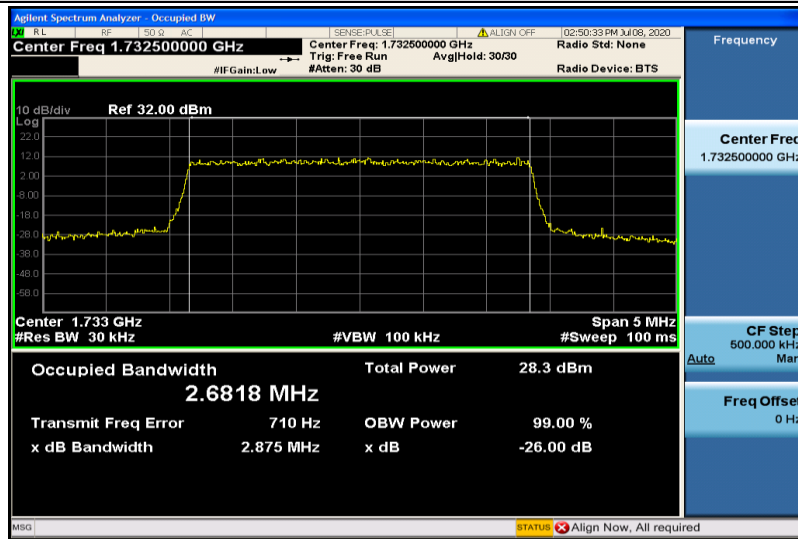
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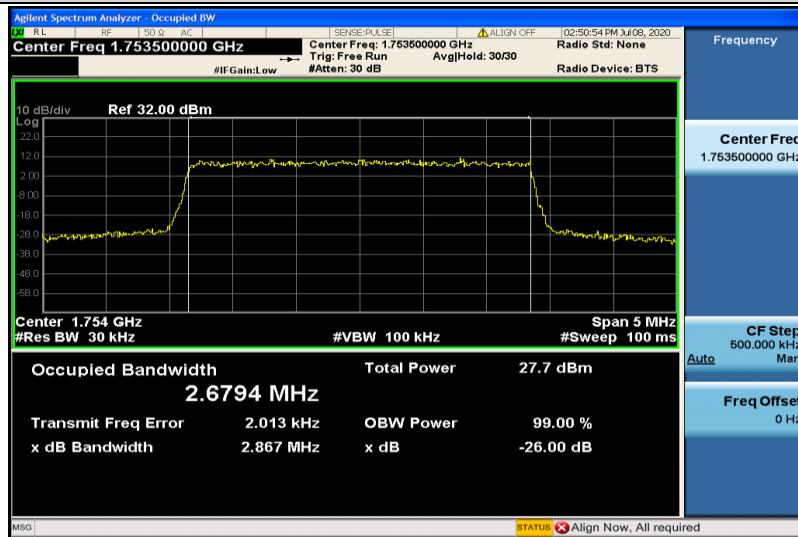
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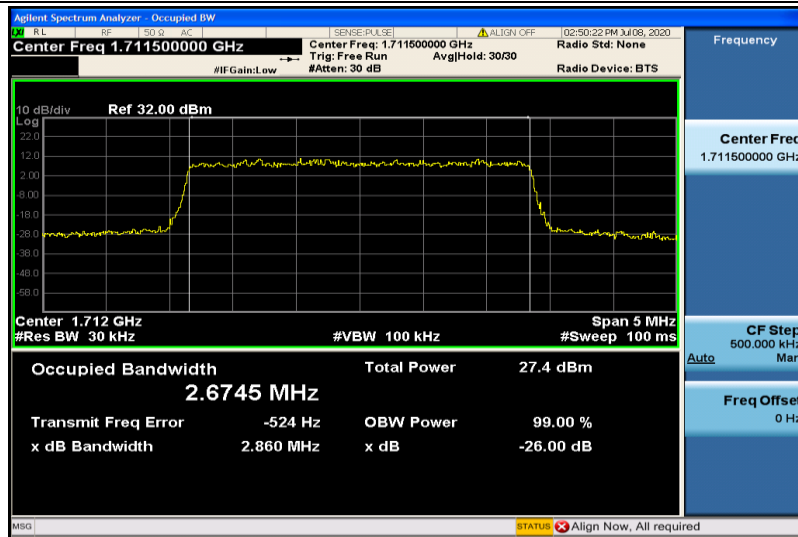
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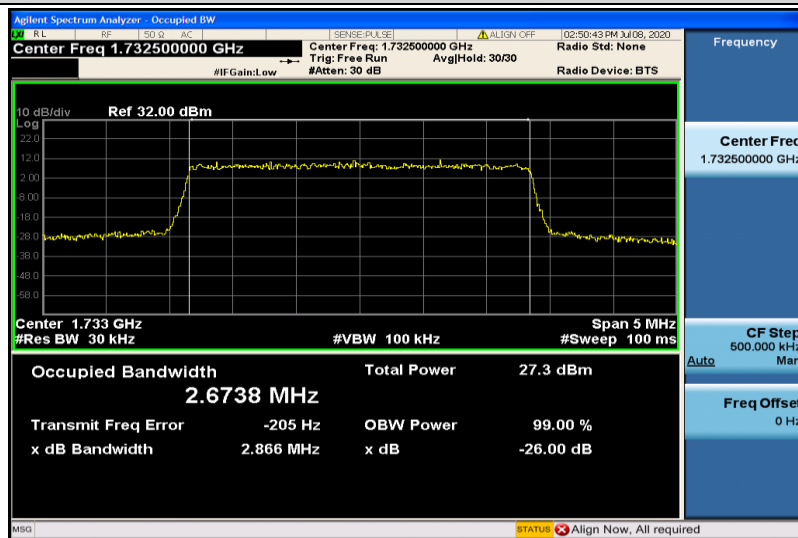
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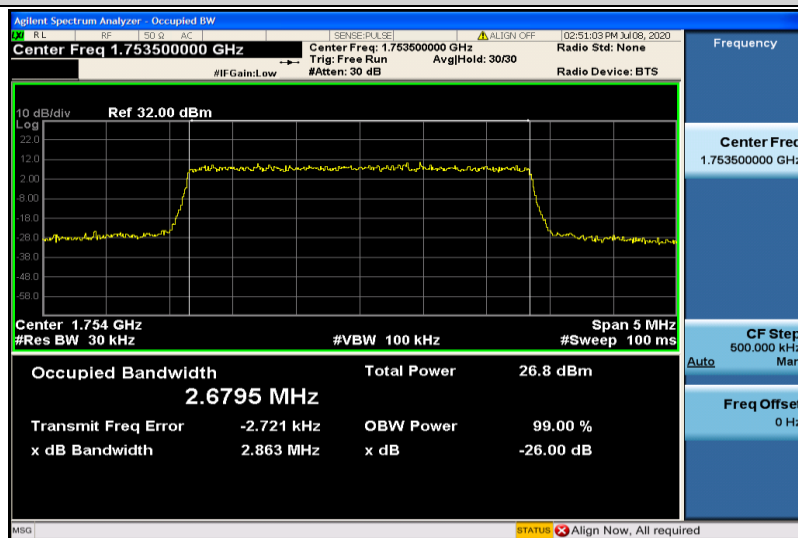
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Band4-3MHz-16QAM-20175-15RB#0-2.6738



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