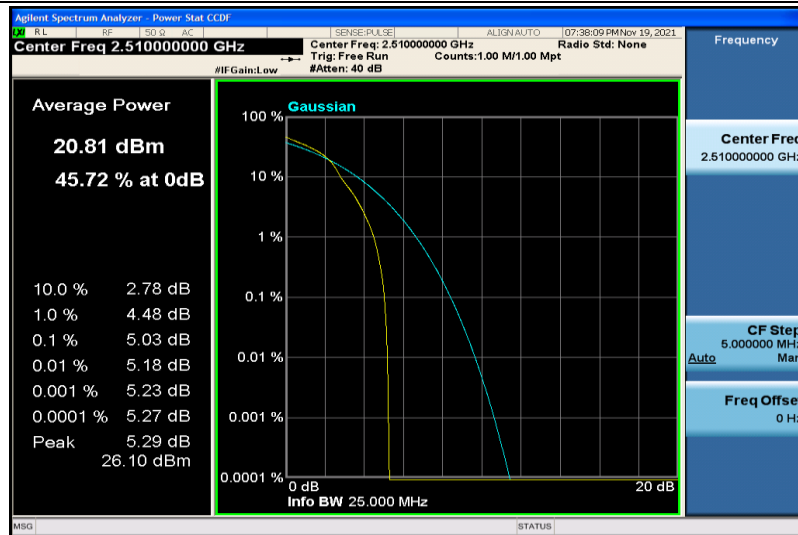
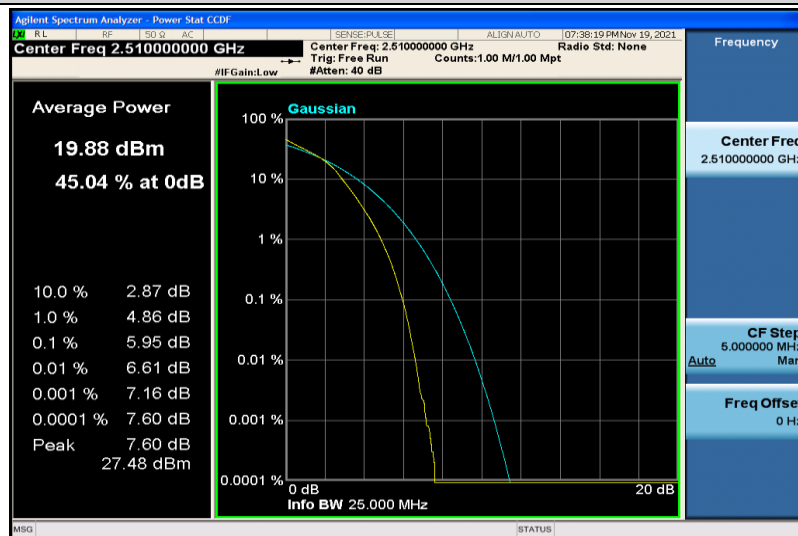
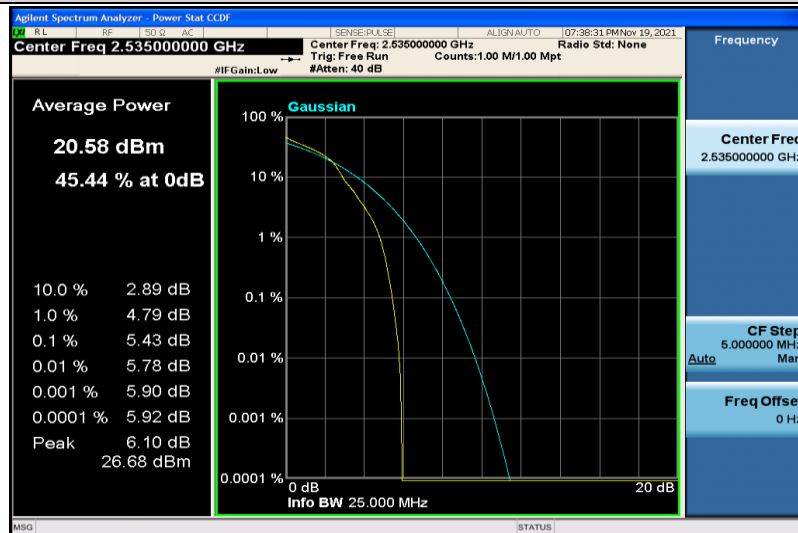




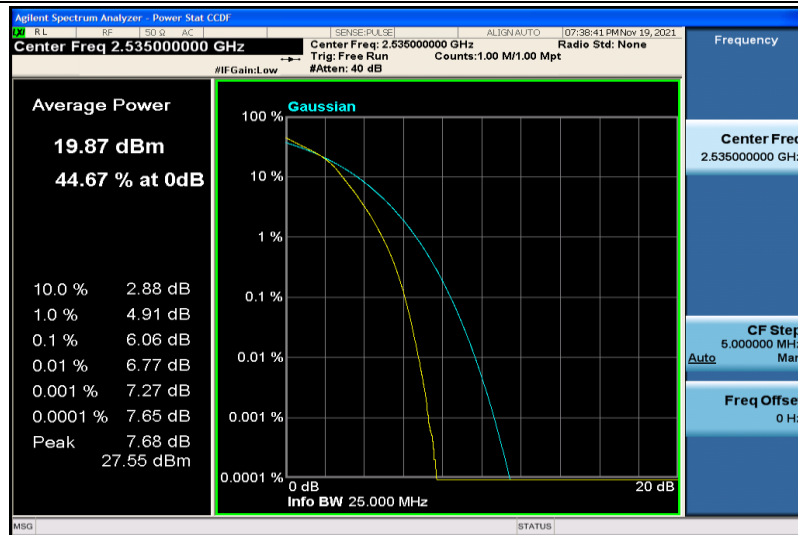
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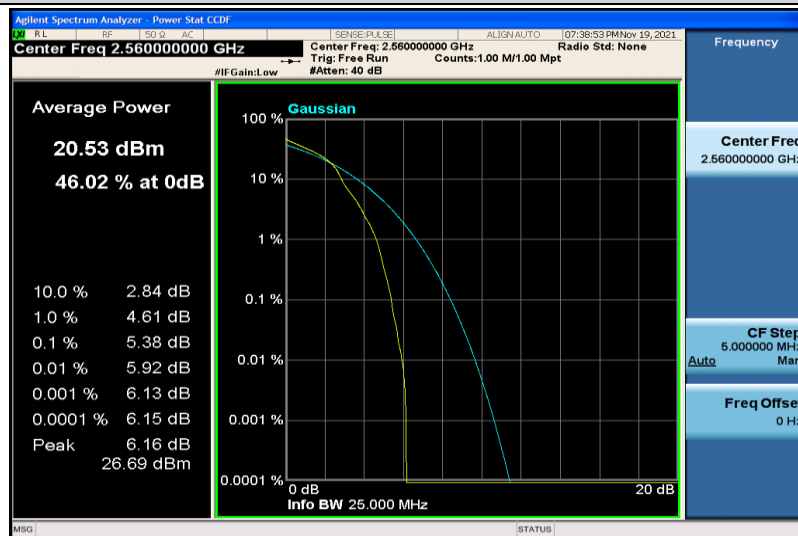
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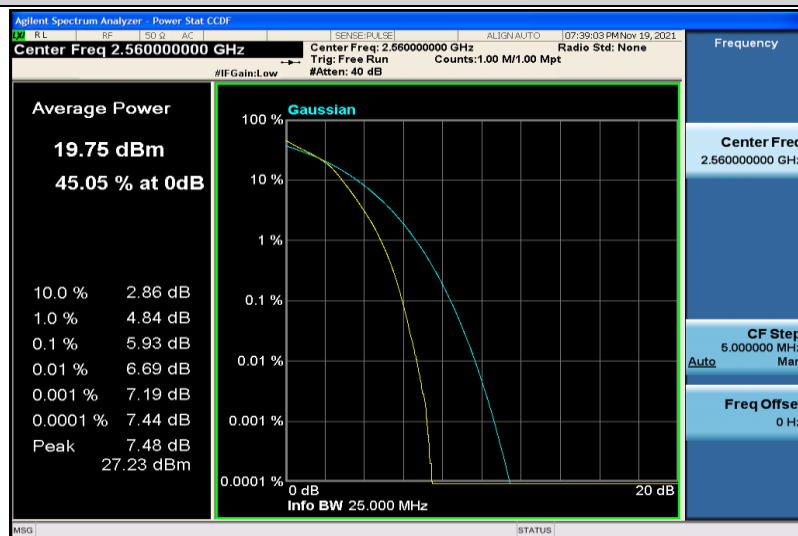
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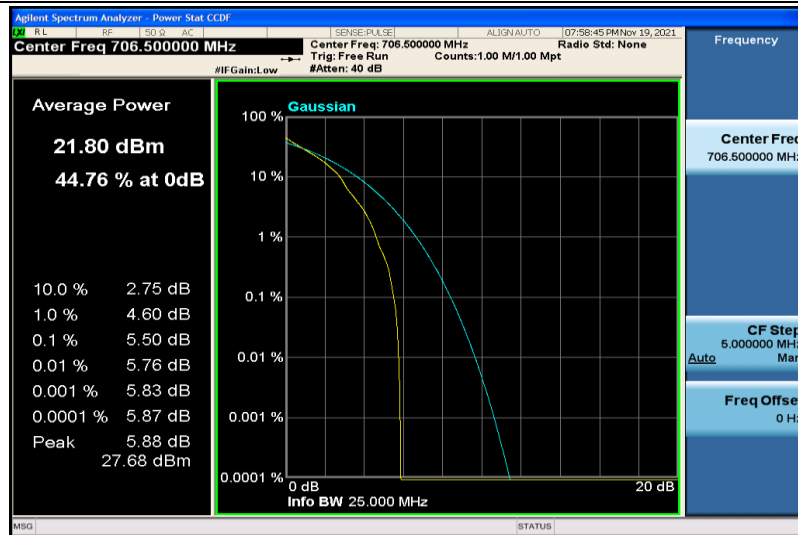
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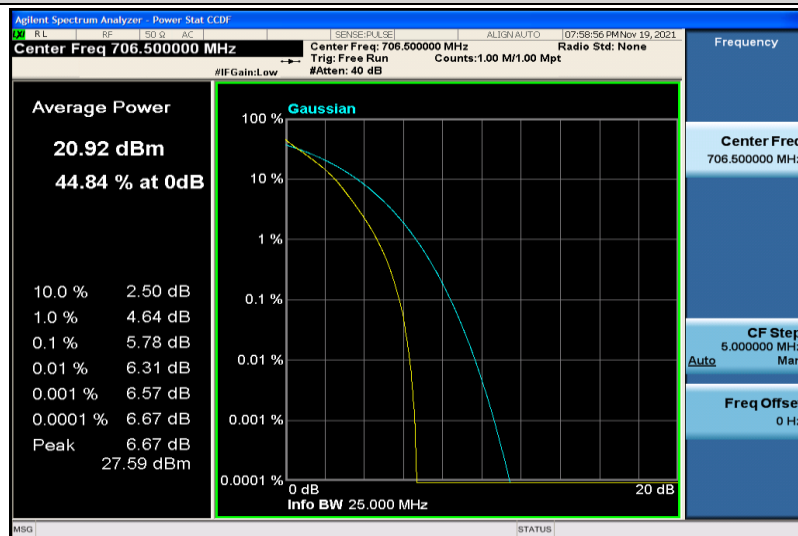
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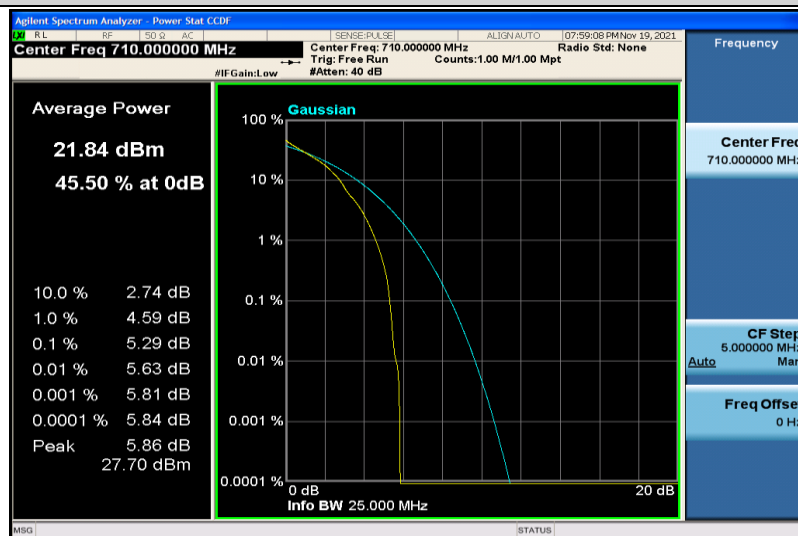
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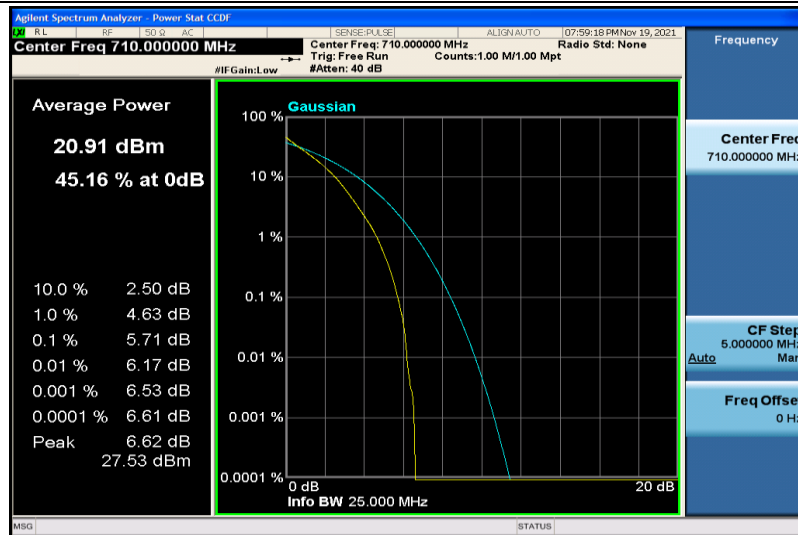
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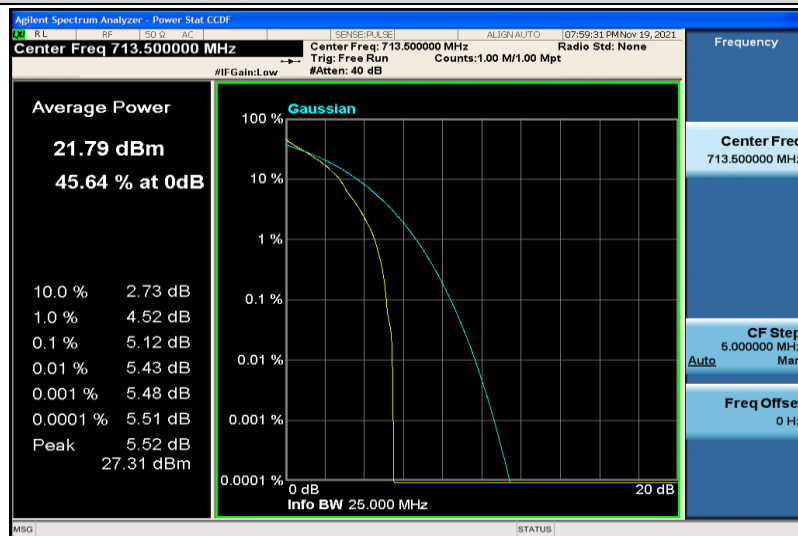
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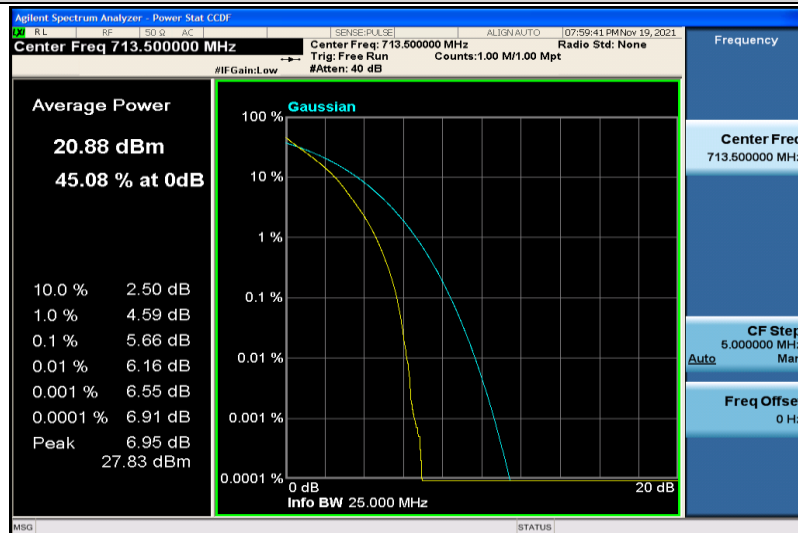
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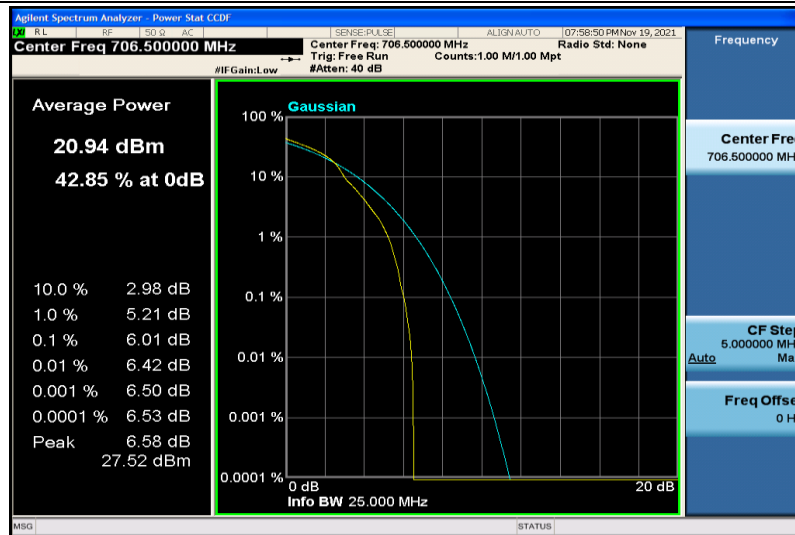
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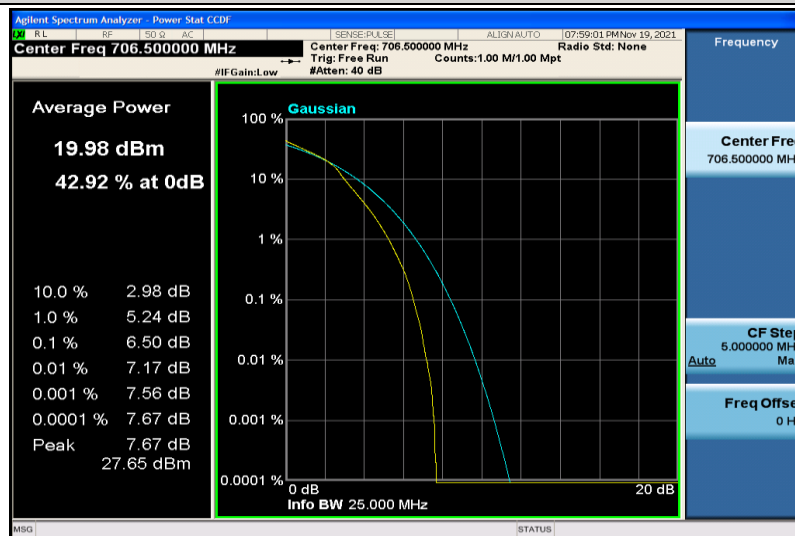
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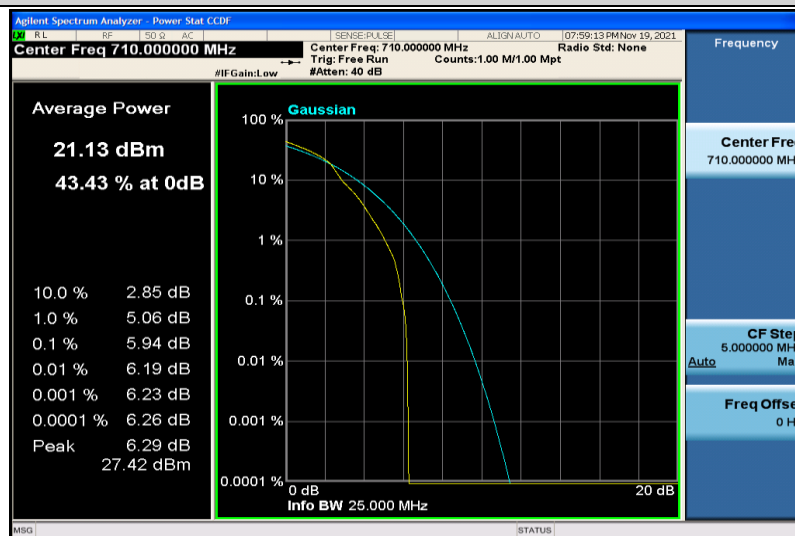
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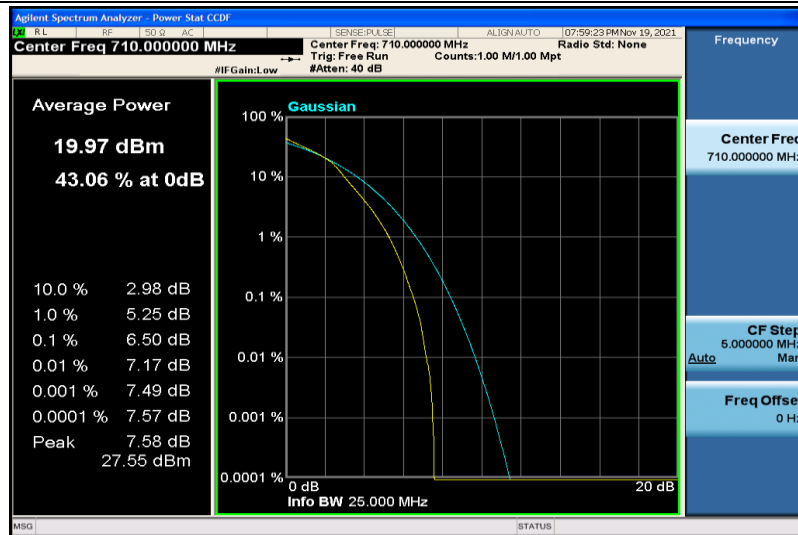
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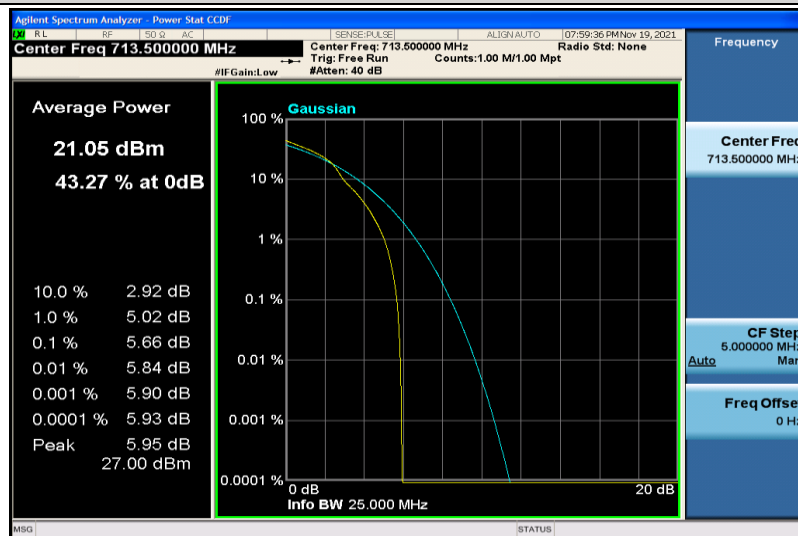
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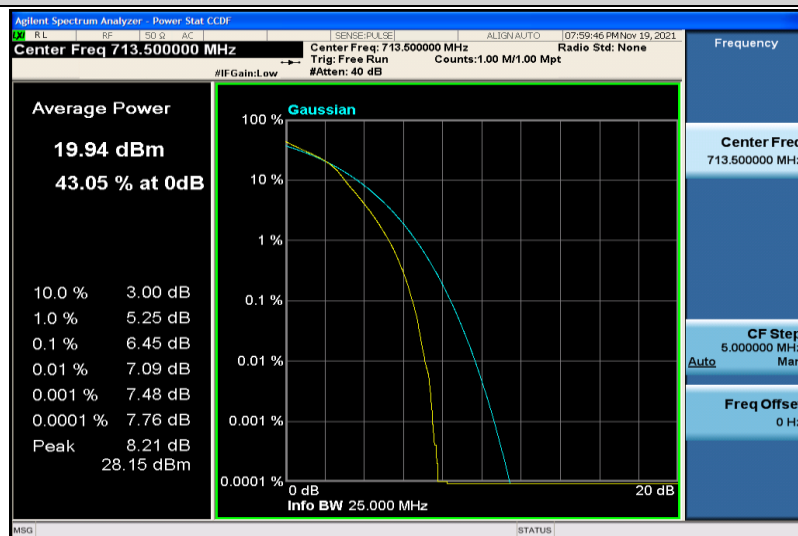
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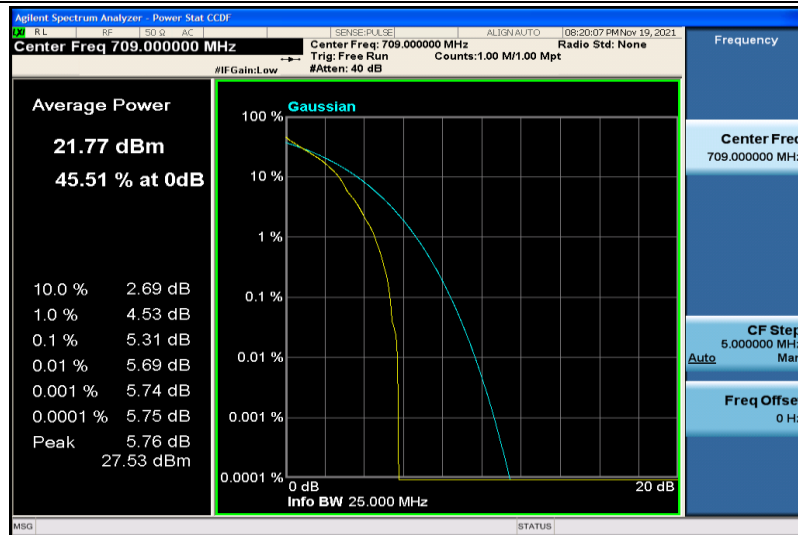
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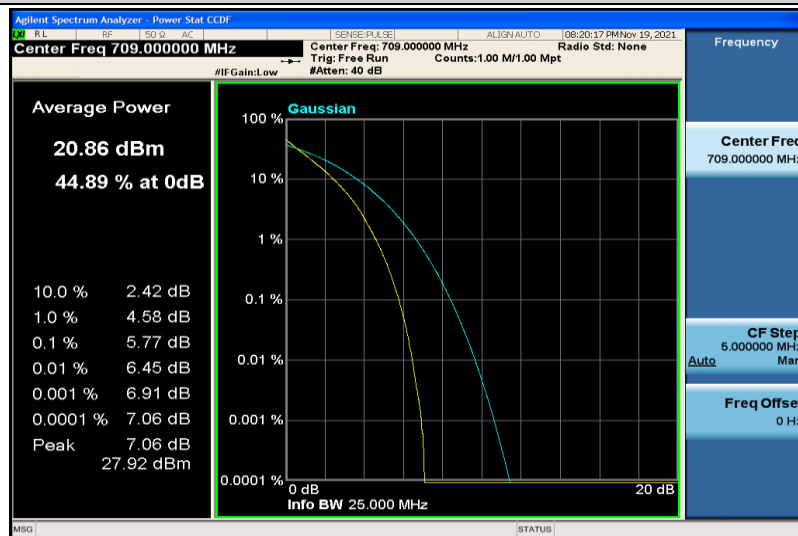
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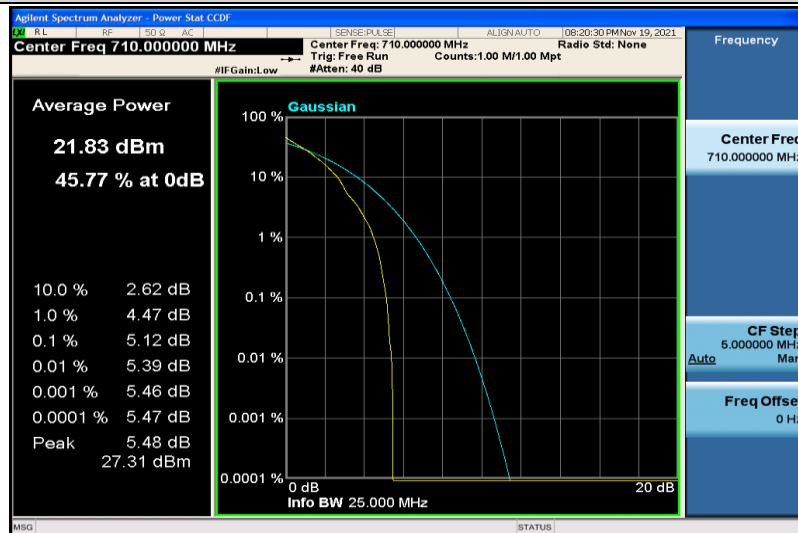
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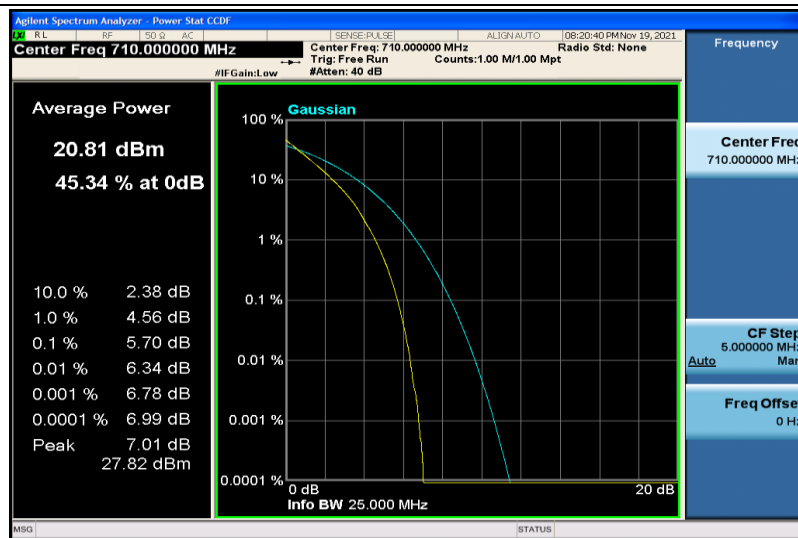
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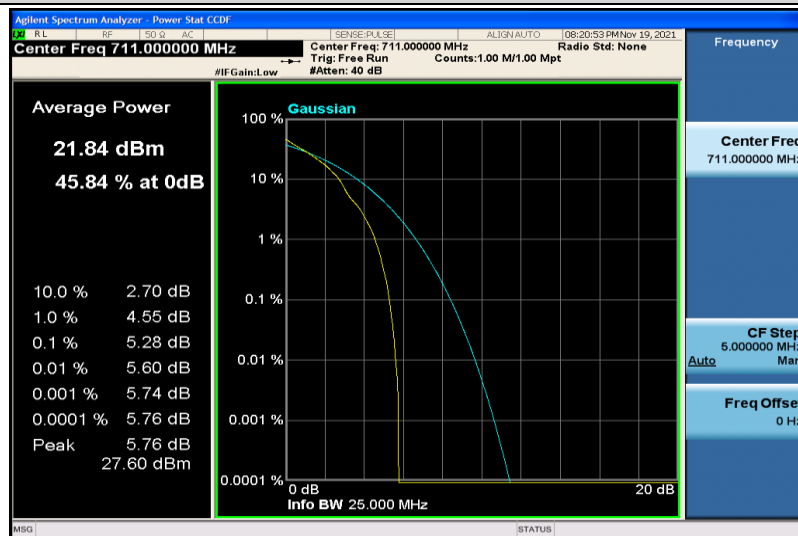
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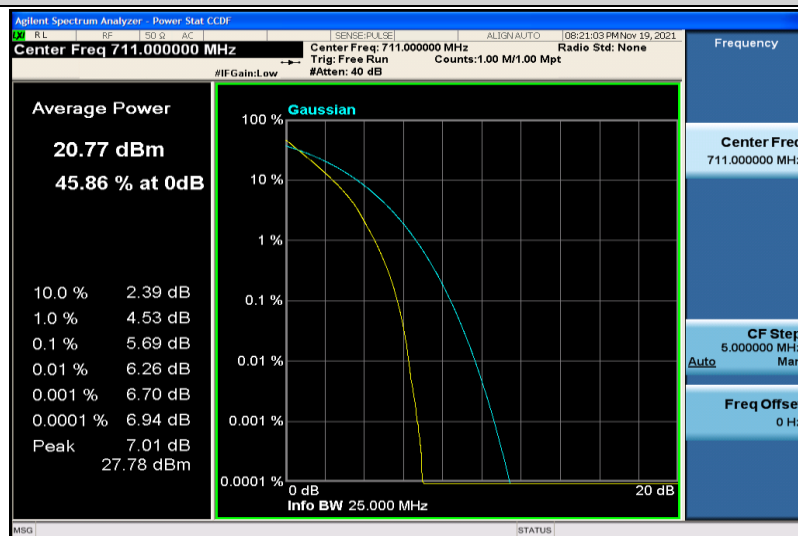
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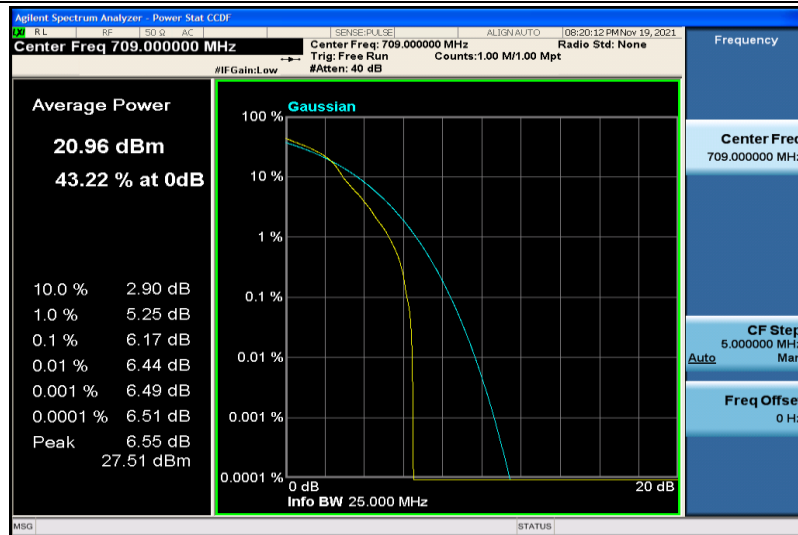
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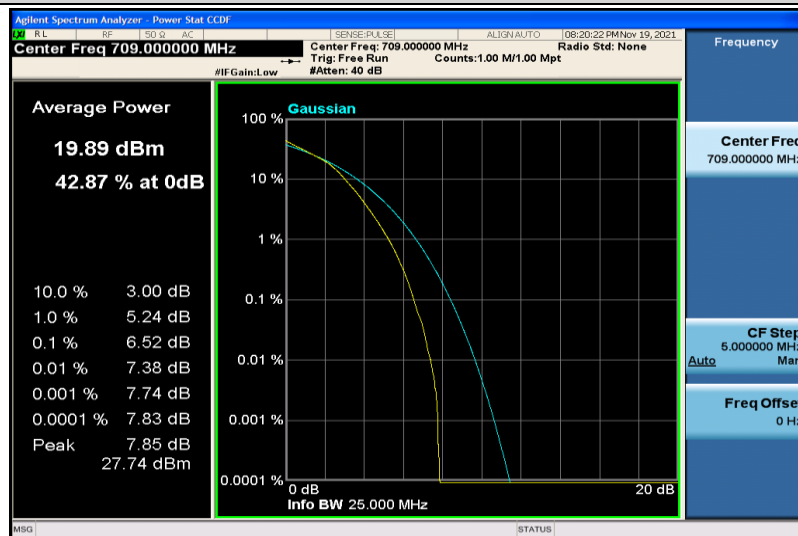
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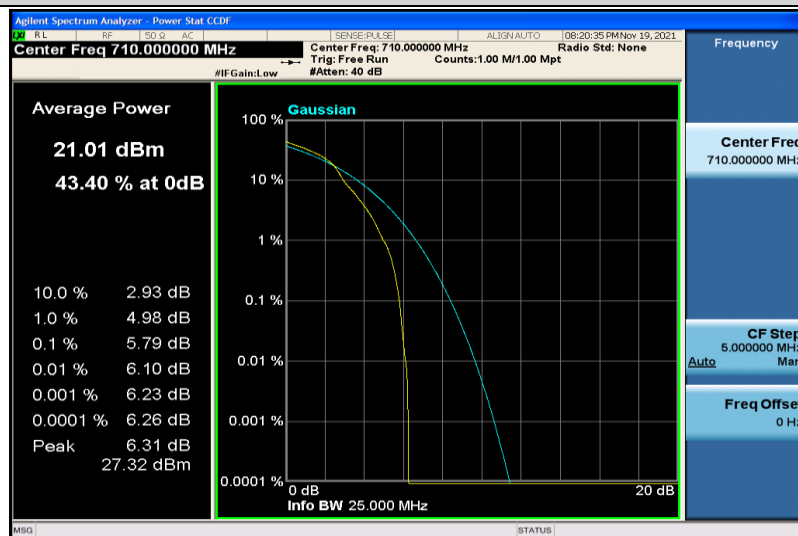
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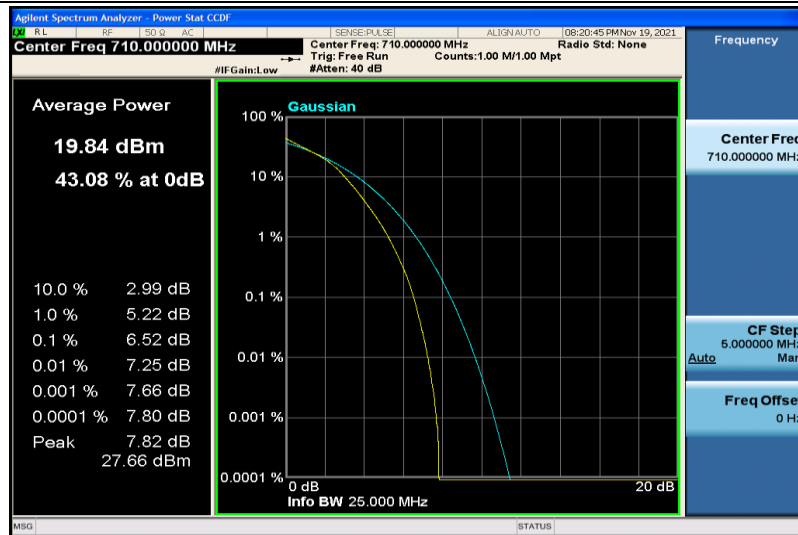
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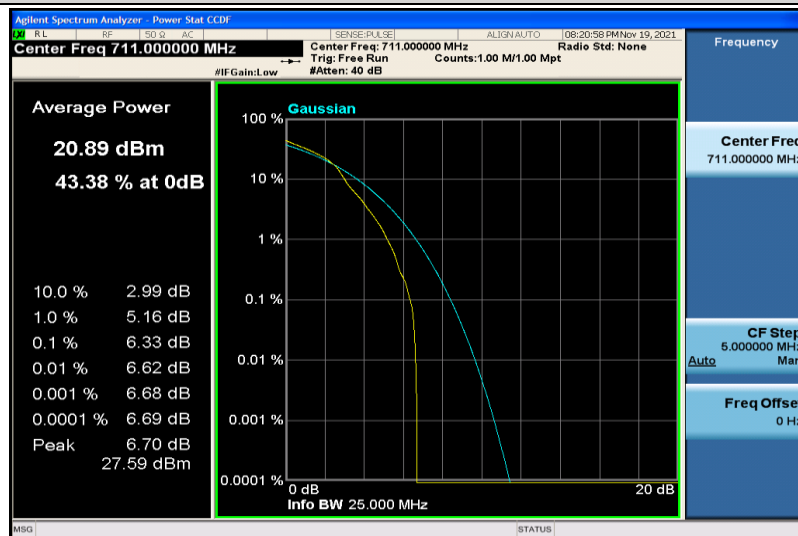
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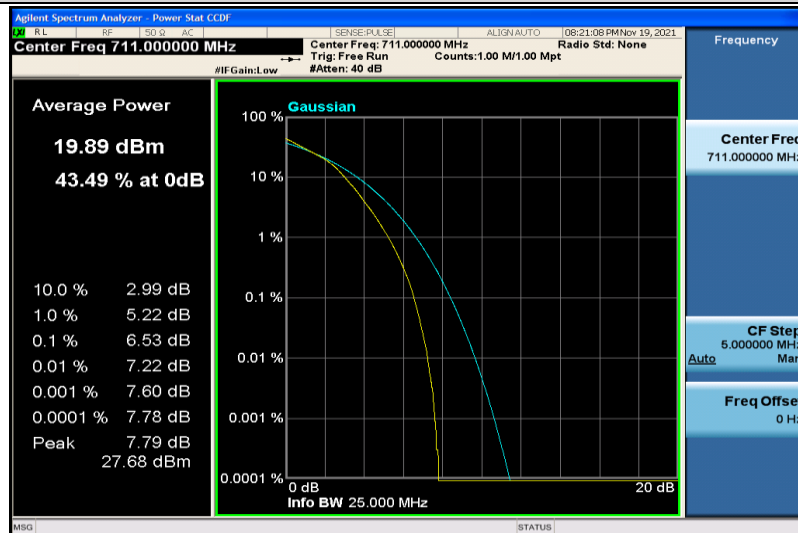
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Band17-10MHz-16QAM-23790-50RB#0



Band17-10MHz-16QAM-23800-1RB#0



Band17-10MHz-16QAM-23800-50RB#0

8.3 Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

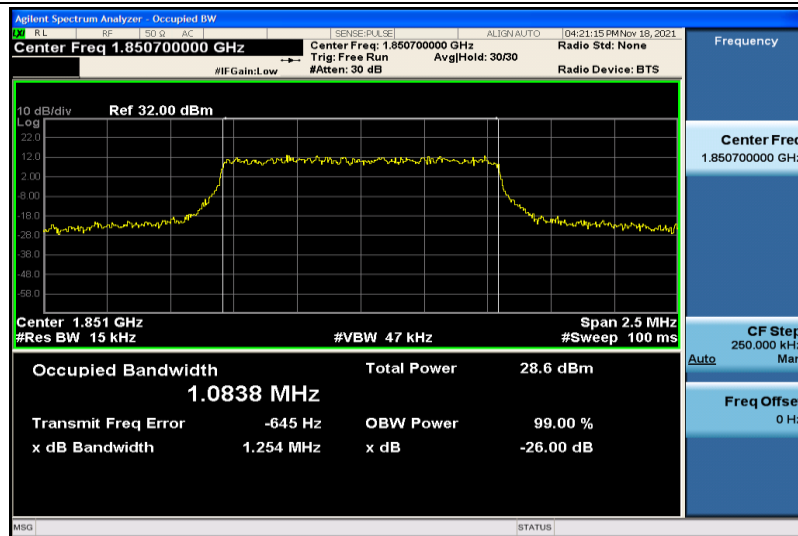
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	1.0838	1.254	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	1.0817	1.246	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1.0828	1.263	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1.0795	1.248	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.0775	1.265	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1.0769	1.249	PASS
Band2	3MHz	QPSK	18615	15RB#0	2.6780	2.872	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.6755	2.867	PASS
Band2	3MHz	QPSK	19185	15RB#0	2.6734	2.880	PASS
Band2	3MHz	16QAM	18615	15RB#0	2.6737	2.867	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.6787	2.860	PASS
Band2	3MHz	16QAM	19185	15RB#0	2.6726	2.900	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.4702	4.848	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.4800	4.831	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.4812	4.887	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.4733	4.872	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.4704	4.828	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.4715	4.822	PASS
Band2	10MHz	QPSK	18650	50RB#0	8.9487	9.611	PASS
Band2	10MHz	QPSK	18900	50RB#0	8.9443	9.527	PASS
Band2	10MHz	QPSK	19150	50RB#0	8.9675	9.588	PASS
Band2	10MHz	16QAM	18650	50RB#0	8.9478	9.598	PASS
Band2	10MHz	16QAM	18900	50RB#0	8.9445	9.583	PASS
Band2	10MHz	16QAM	19150	50RB#0	8.9577	9.574	PASS
Band2	15MHz	QPSK	18675	75RB#0	13.421	14.49	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.398	14.40	PASS
Band2	15MHz	QPSK	19125	75RB#0	13.430	14.45	PASS
Band2	15MHz	16QAM	18675	75RB#0	13.409	14.28	PASS
Band2	15MHz	16QAM	18900	75RB#0	13.430	14.36	PASS
Band2	15MHz	16QAM	19125	75RB#0	13.405	14.28	PASS
Band2	20MHz	QPSK	18700	100RB#0	17.849	19.07	PASS
Band2	20MHz	QPSK	18900	100RB#0	17.881	19.06	PASS
Band2	20MHz	QPSK	19100	100RB#0	17.847	18.91	PASS
Band2	20MHz	16QAM	18700	100RB#0	17.844	19.06	PASS
Band2	20MHz	16QAM	18900	100RB#0	17.894	19.13	PASS
Band2	20MHz	16QAM	19100	100RB#0	17.830	18.98	PASS

Band4	1.4MHz	QPSK	19957	6RB#0	1.0828	1.235	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.0758	1.240	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.0821	1.231	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.0774	1.245	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.0755	1.244	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.0795	1.242	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.6779	2.862	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.6803	2.845	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.6758	2.843	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.6719	2.848	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.6785	2.853	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.6691	2.862	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.4683	4.919	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.4761	4.824	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.4713	4.854	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.4663	4.831	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.4781	4.849	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.4676	4.789	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.9409	9.578	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.9399	9.560	PASS
Band4	10MHz	QPSK	20350	50RB#0	8.9587	9.645	PASS
Band4	10MHz	16QAM	20000	50RB#0	8.9360	9.586	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.9459	9.586	PASS
Band4	10MHz	16QAM	20350	50RB#0	8.9500	9.549	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.399	14.45	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.398	14.38	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.426	14.51	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.406	14.20	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.416	14.74	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.404	14.34	PASS
Band4	20MHz	QPSK	20050	100RB#0	17.898	20.21	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.855	18.98	PASS
Band4	20MHz	QPSK	20300	100RB#0	17.878	18.95	PASS
Band4	20MHz	16QAM	20050	100RB#0	17.875	20.09	PASS
Band4	20MHz	16QAM	20175	100RB#0	17.872	19.17	PASS
Band4	20MHz	16QAM	20300	100RB#0	17.899	19.06	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	1.0756	1.249	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.0797	1.234	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.0763	1.236	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.0784	1.265	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.0791	1.246	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.0810	1.271	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.6792	2.851	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.6781	2.886	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.6785	2.842	PASS

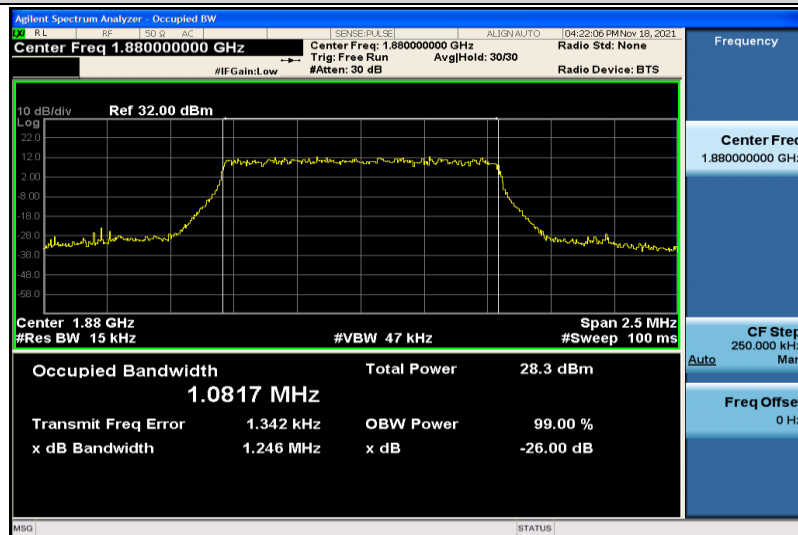
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Band5	3MHz	16QAM	20525	15RB#0	2.6765	2.861	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.6725	2.858	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.4694	4.825	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.4780	4.812	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.4735	4.841	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.4715	4.841	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.4734	4.824	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.4678	4.773	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.9551	9.532	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.9362	9.575	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.9505	9.590	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.9416	9.501	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.9304	9.562	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.9319	9.515	PASS
Band7	5MHz	QPSK	20775	25RB#0	4.4669	4.826	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.4725	4.828	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.4728	4.847	PASS
Band7	5MHz	16QAM	20775	25RB#0	4.4714	4.850	PASS
Band7	5MHz	16QAM	21100	25RB#0	4.4724	4.835	PASS
Band7	5MHz	16QAM	21425	25RB#0	4.4684	4.783	PASS
Band7	10MHz	QPSK	20800	50RB#0	8.9488	9.566	PASS
Band7	10MHz	QPSK	21100	50RB#0	8.9368	9.554	PASS
Band7	10MHz	QPSK	21400	50RB#0	8.9552	9.647	PASS
Band7	10MHz	16QAM	20800	50RB#0	8.9549	9.538	PASS
Band7	10MHz	16QAM	21100	50RB#0	8.9397	9.594	PASS
Band7	10MHz	16QAM	21400	50RB#0	8.9321	9.494	PASS
Band7	15MHz	QPSK	20825	75RB#0	13.398	14.41	PASS
Band7	15MHz	QPSK	21100	75RB#0	13.394	14.35	PASS
Band7	15MHz	QPSK	21375	75RB#0	13.399	14.41	PASS
Band7	15MHz	16QAM	20825	75RB#0	13.421	14.28	PASS
Band7	15MHz	16QAM	21100	75RB#0	13.431	14.33	PASS
Band7	15MHz	16QAM	21375	75RB#0	13.396	14.32	PASS
Band7	20MHz	QPSK	20850	100RB#0	17.852	19.21	PASS
Band7	20MHz	QPSK	21100	100RB#0	17.843	18.99	PASS
Band7	20MHz	QPSK	21350	100RB#0	17.846	18.90	PASS
Band7	20MHz	16QAM	20850	100RB#0	17.865	19.06	PASS
Band7	20MHz	16QAM	21100	100RB#0	17.895	19.08	PASS
Band7	20MHz	16QAM	21350	100RB#0	17.830	18.99	PASS
Band17	5MHz	QPSK	23755	25RB#0	4.4758	5.000	PASS
Band17	5MHz	QPSK	23790	25RB#0	4.4883	5.134	PASS
Band17	5MHz	QPSK	23825	25RB#0	4.4963	5.430	PASS
Band17	5MHz	16QAM	23755	25RB#0	4.4861	5.081	PASS
Band17	5MHz	16QAM	23790	25RB#0	4.4853	5.061	PASS
Band17	5MHz	16QAM	23825	25RB#0	4.4811	5.195	PASS

Band17	10MHz	QPSK	23780	50RB#0	8.9608	9.829	PASS
Band17	10MHz	QPSK	23790	50RB#0	8.9358	9.801	PASS
Band17	10MHz	QPSK	23800	50RB#0	8.9624	9.938	PASS
Band17	10MHz	16QAM	23780	50RB#0	8.9597	9.883	PASS
Band17	10MHz	16QAM	23790	50RB#0	8.9522	9.808	PASS
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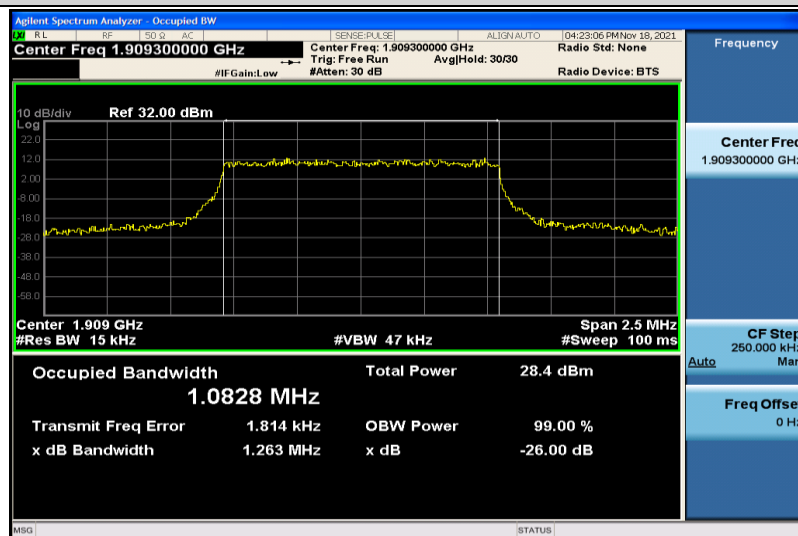
Test Graphs



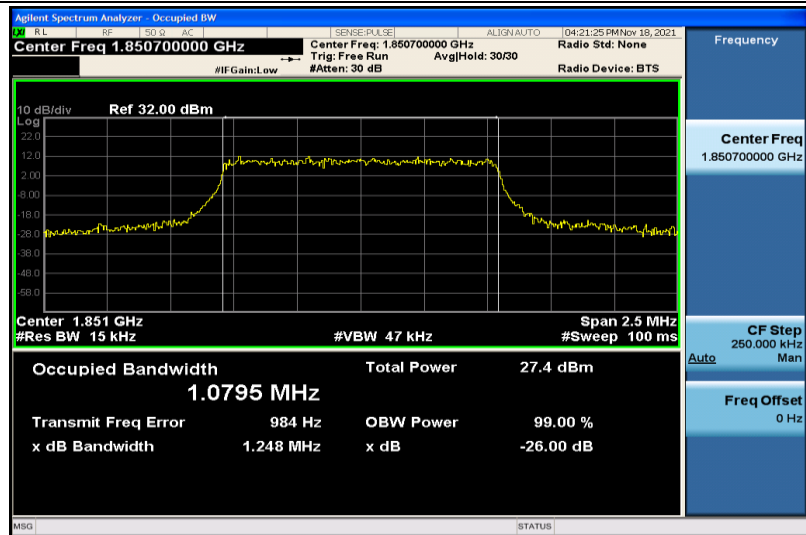
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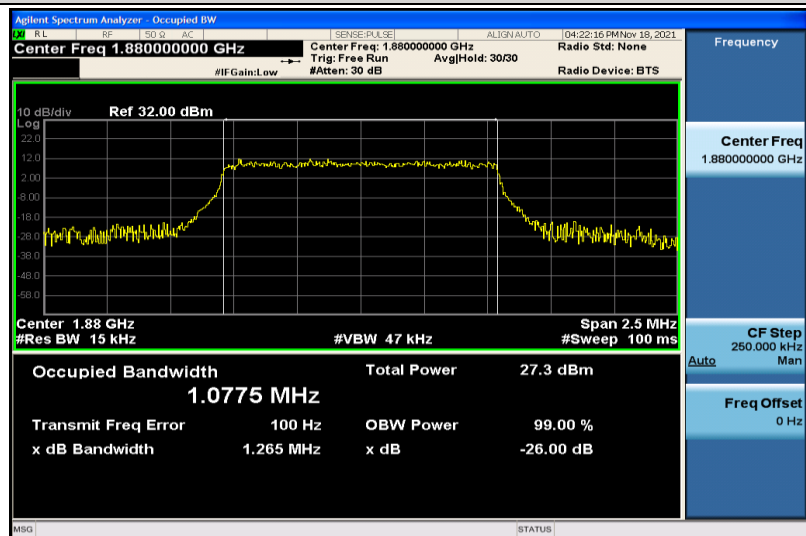
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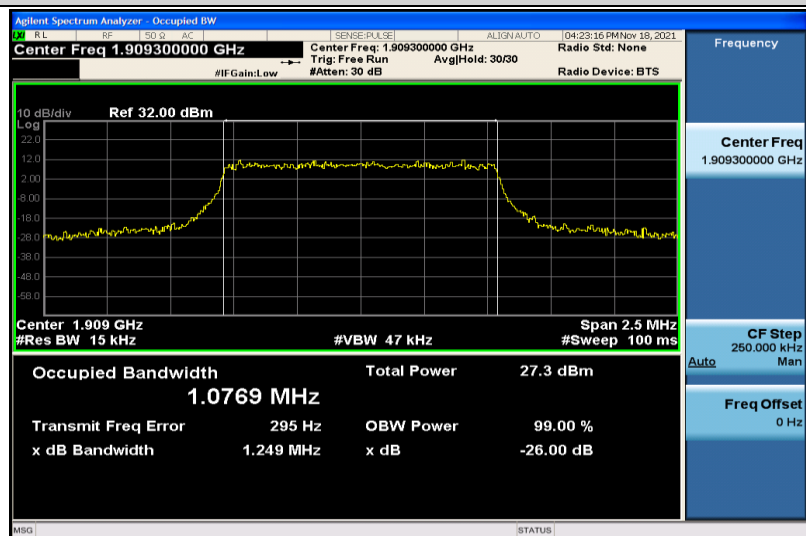
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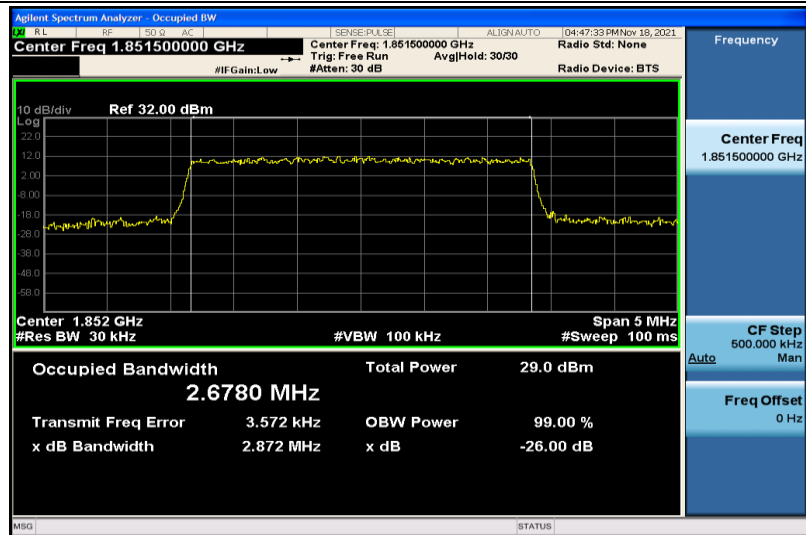
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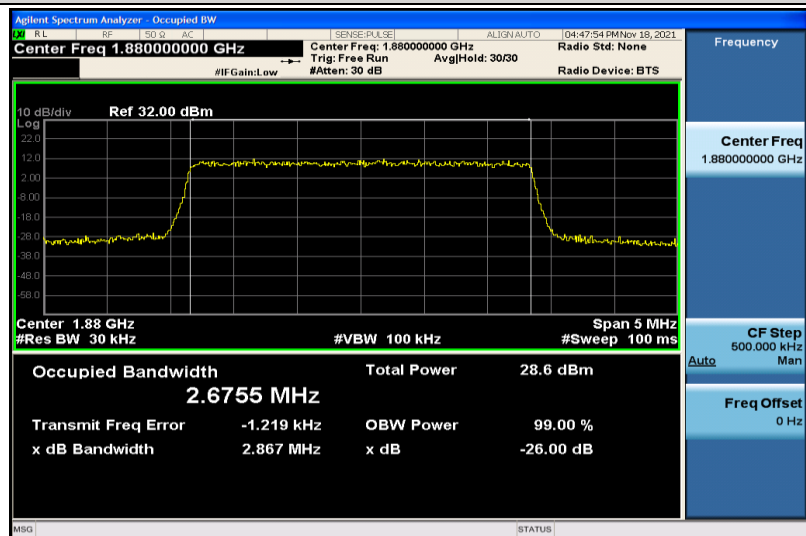
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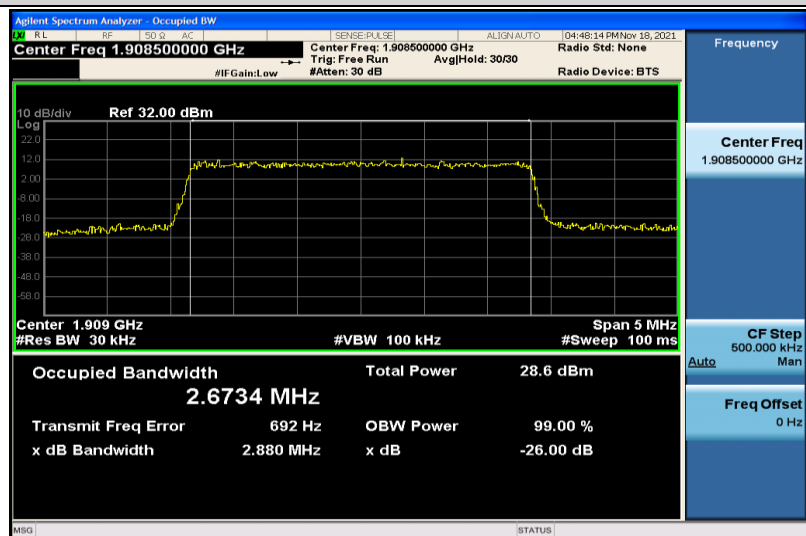
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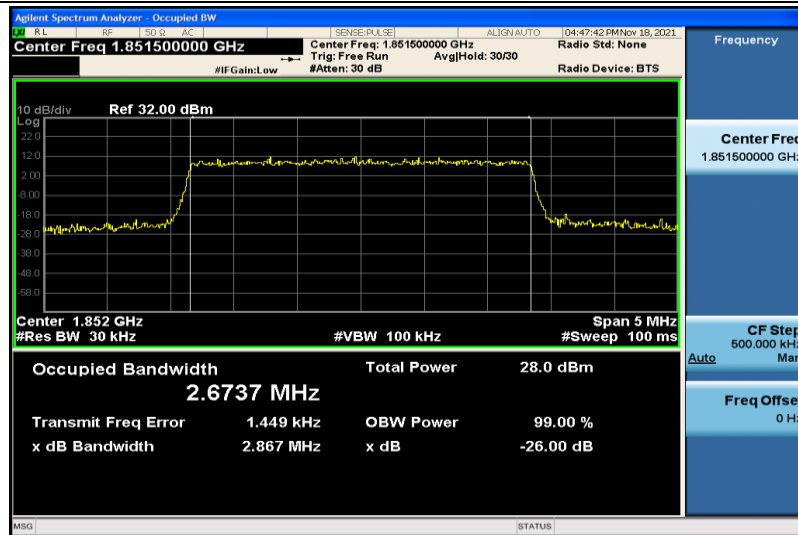
Band2-3MHz-QPSK-18615-15RB#0-2.6780



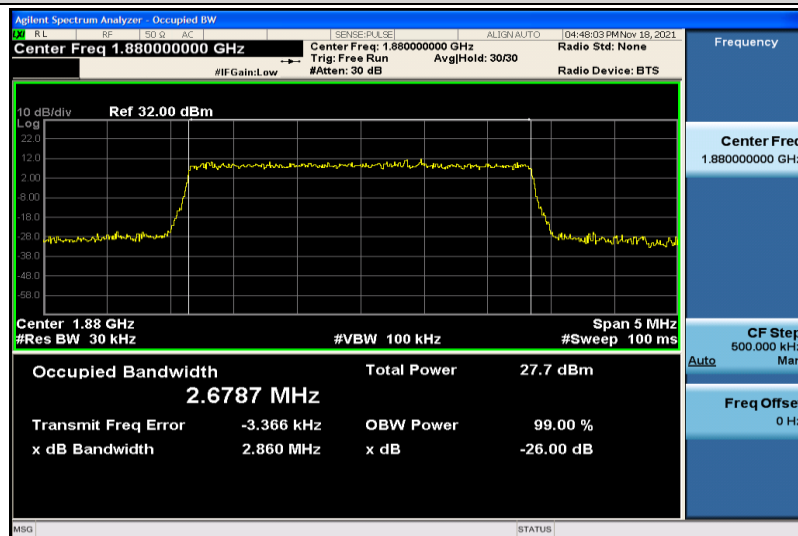
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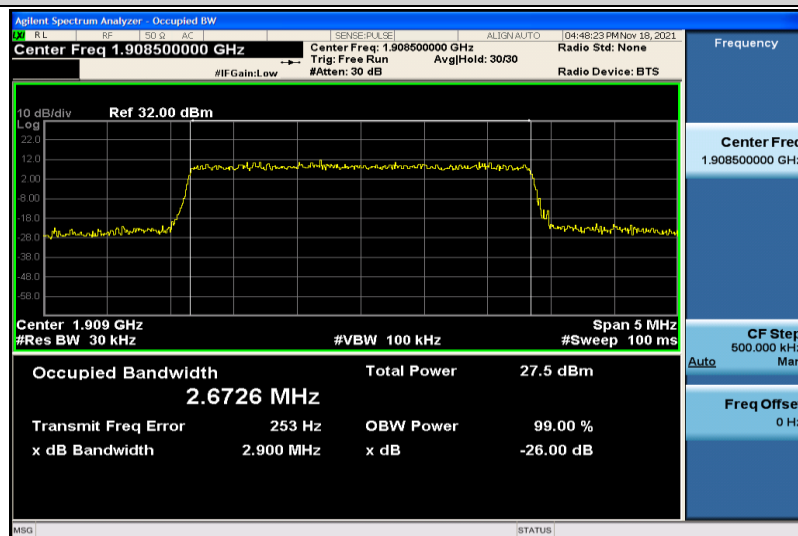
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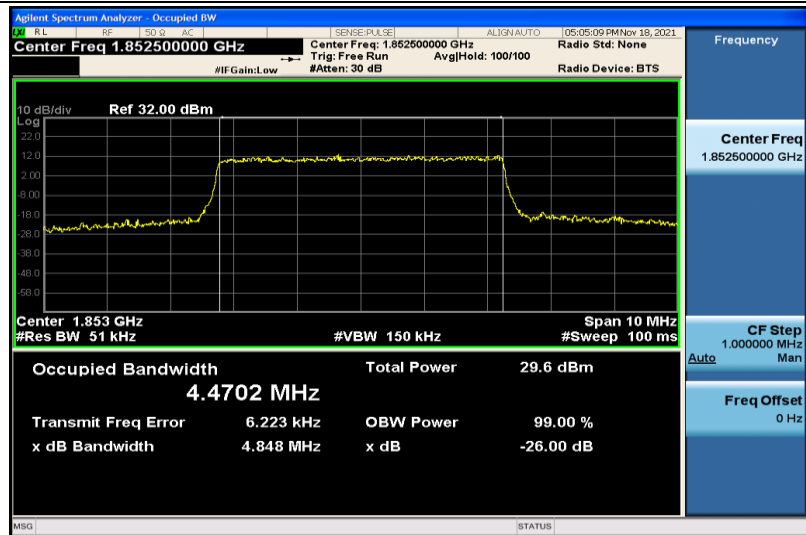
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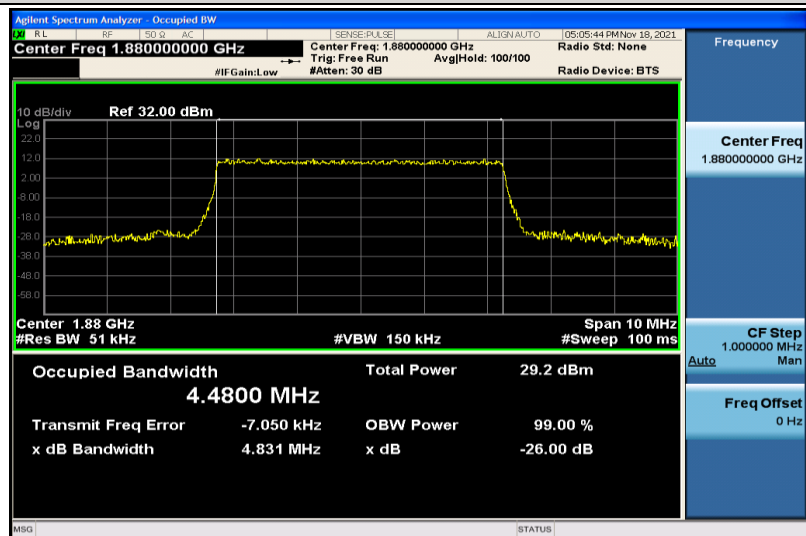
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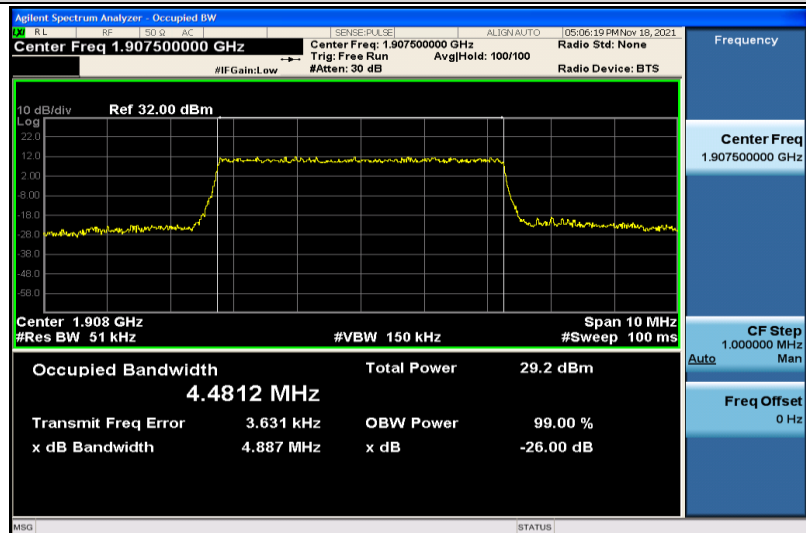
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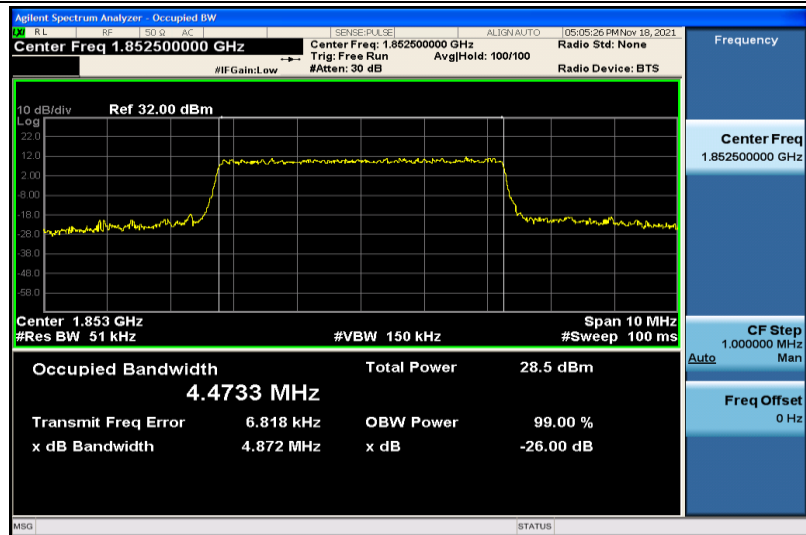
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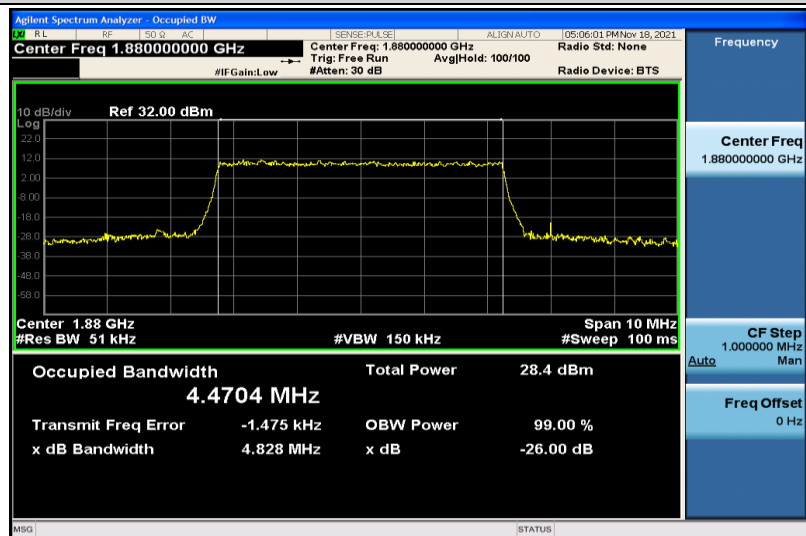
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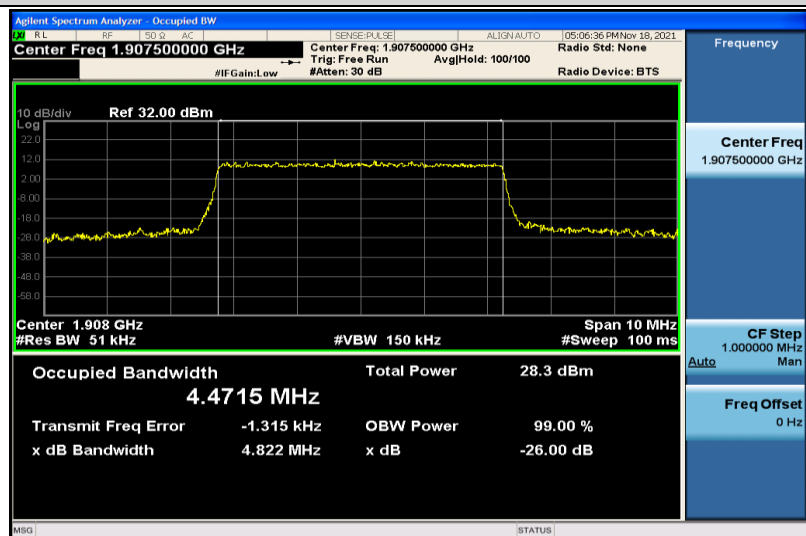
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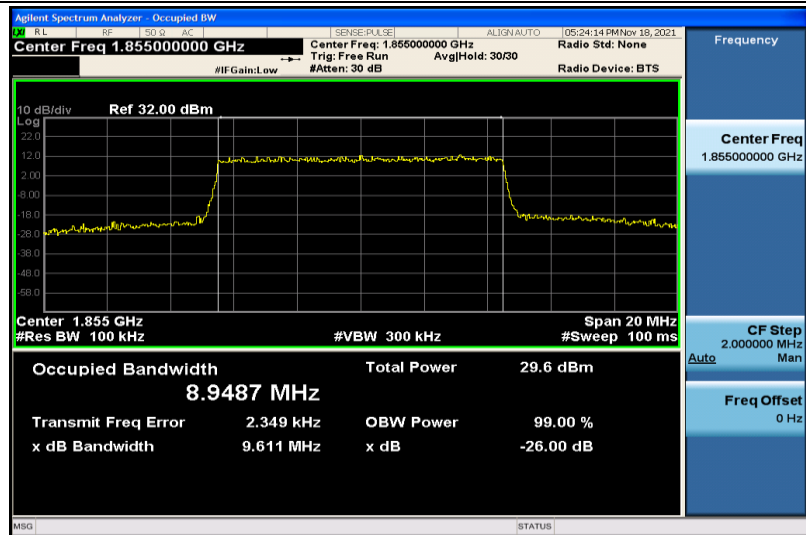
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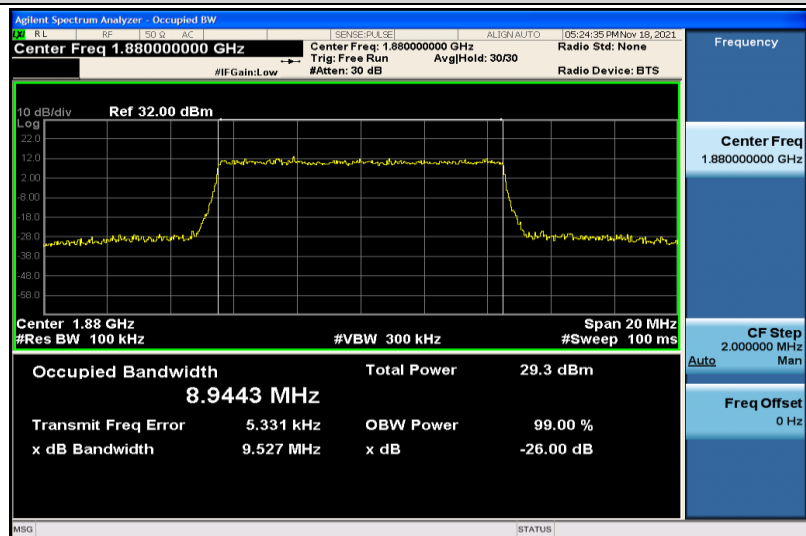
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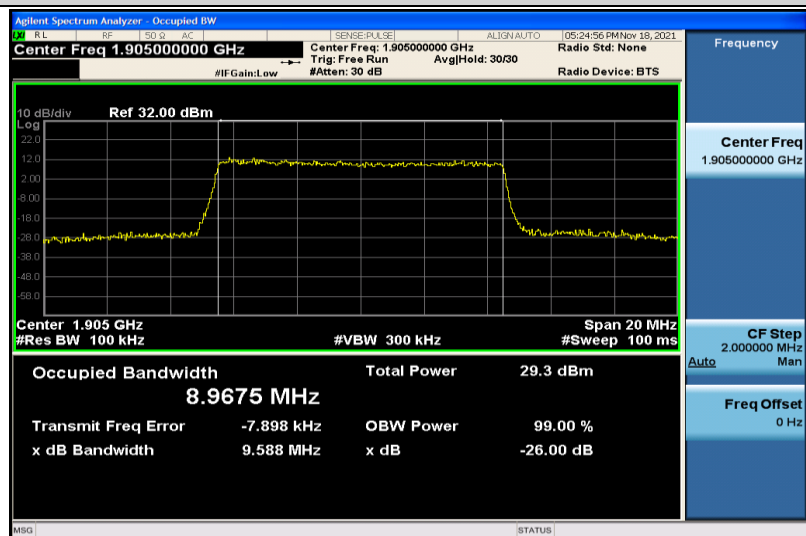
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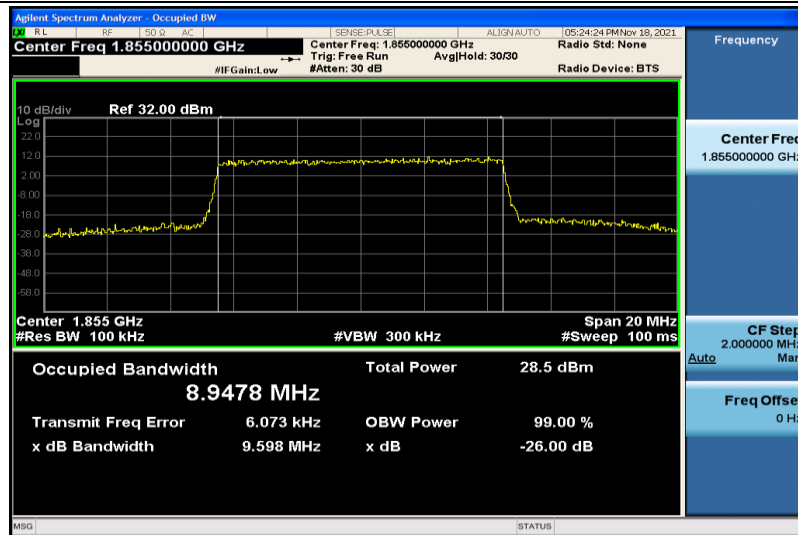
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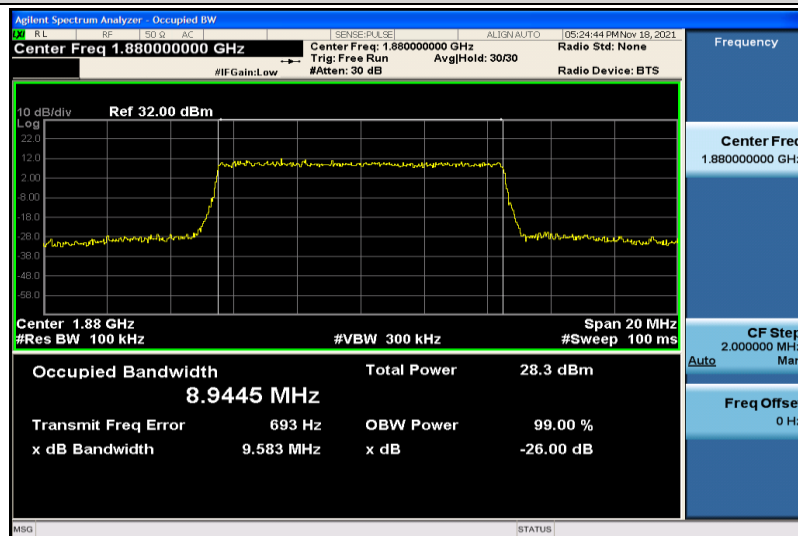
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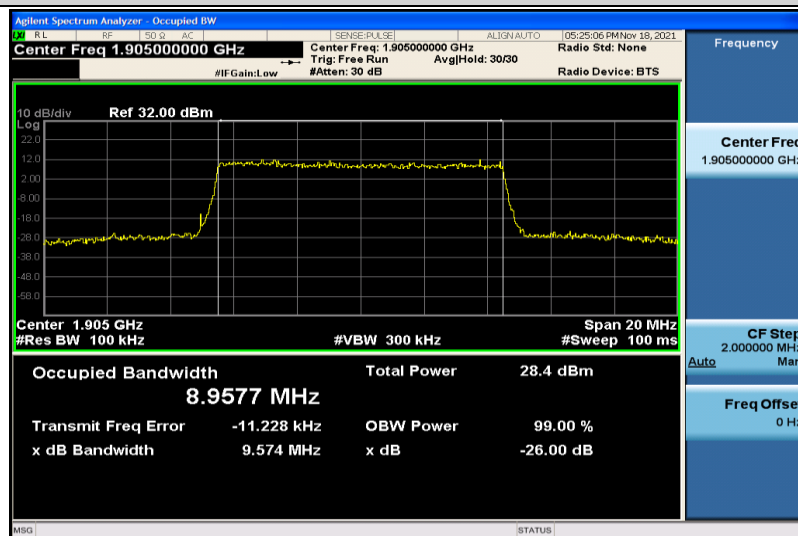
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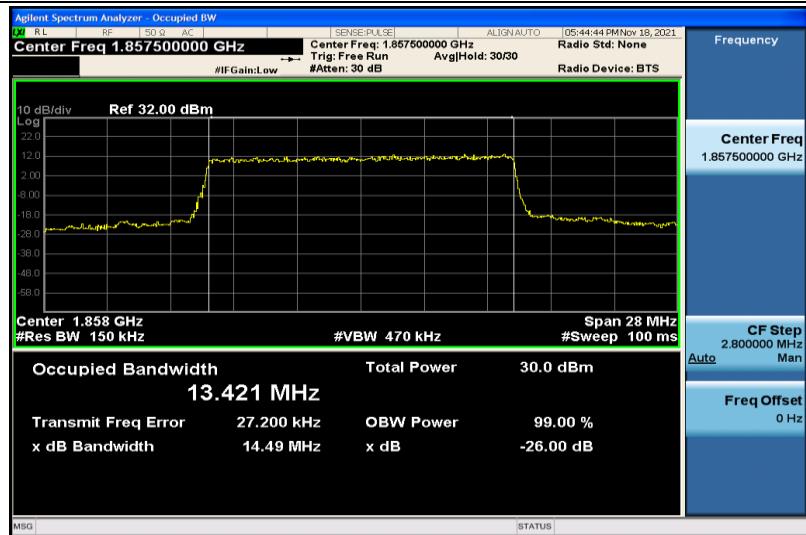
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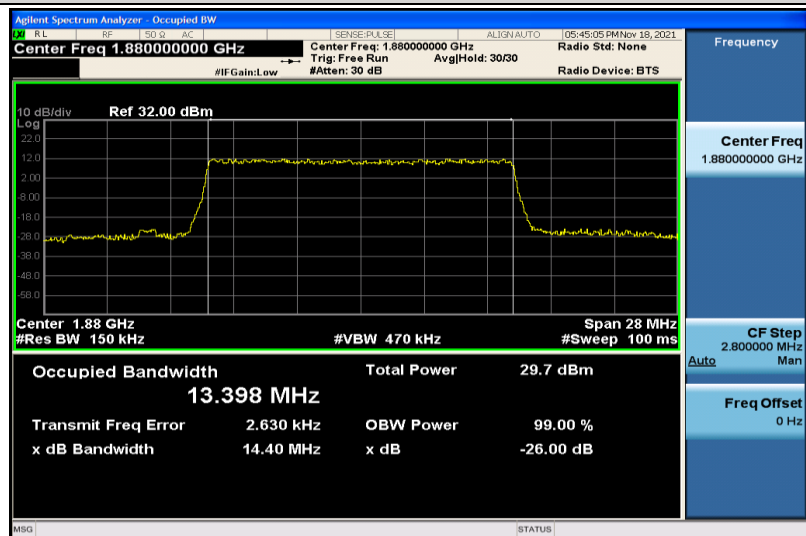
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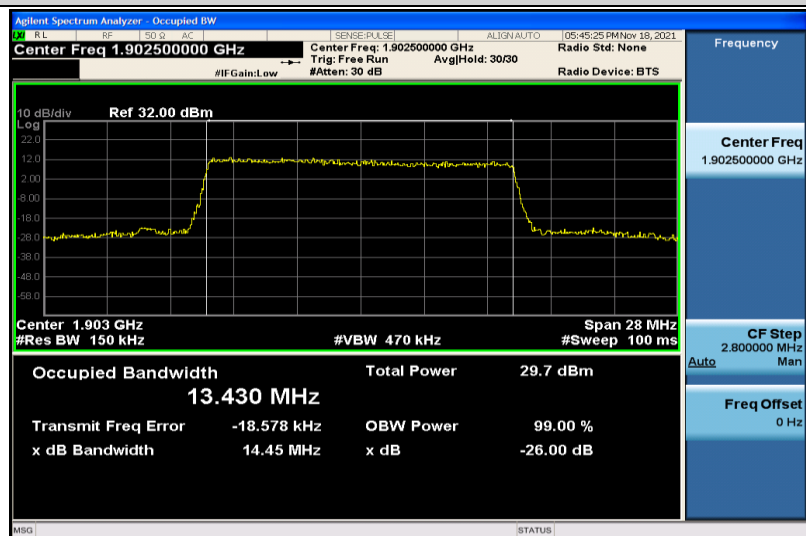
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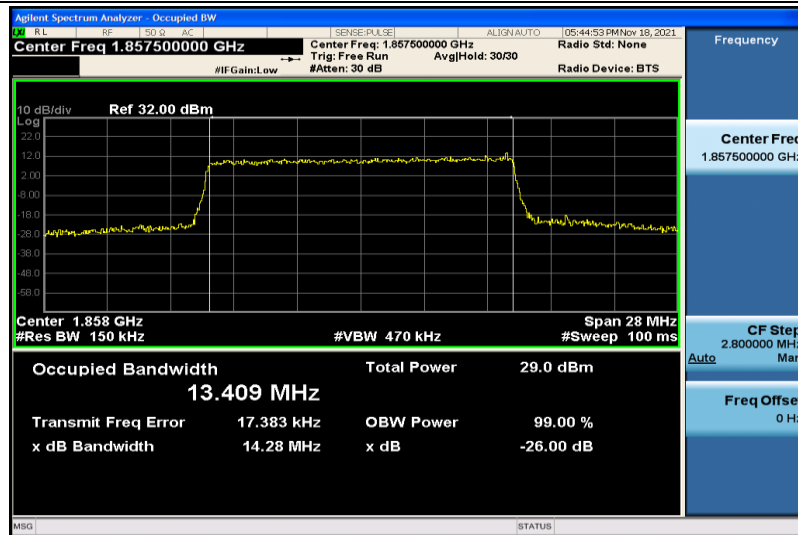
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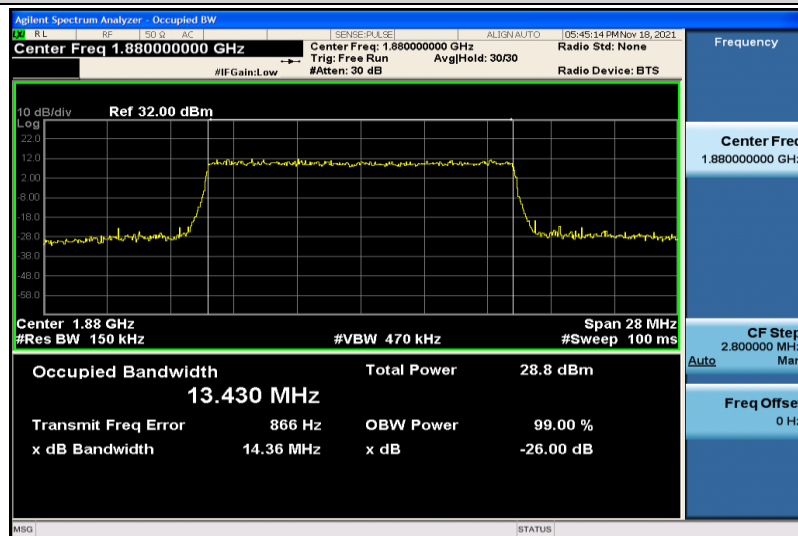
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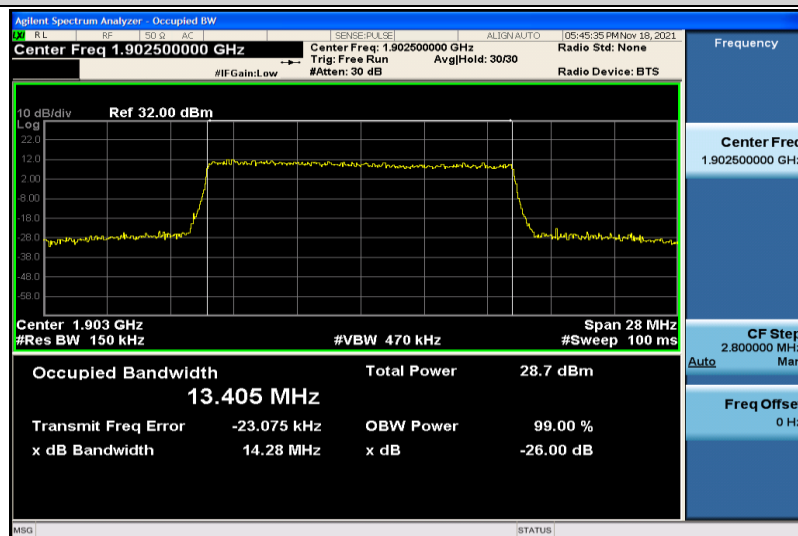
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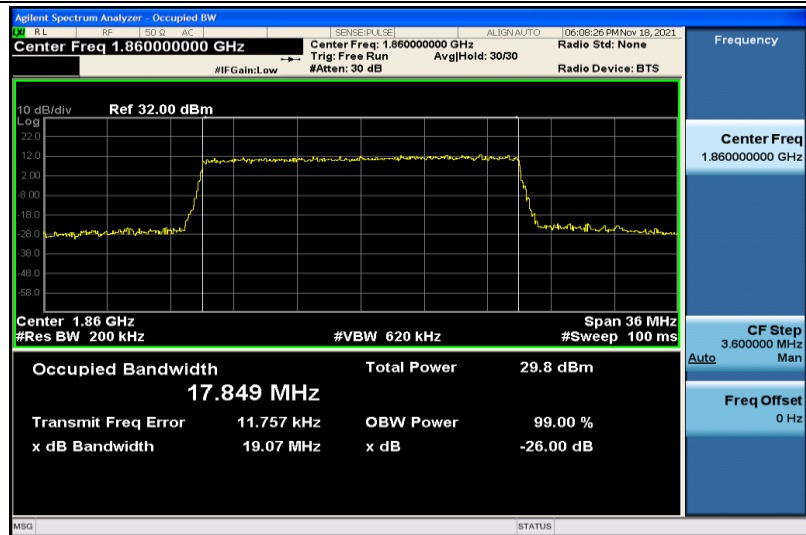
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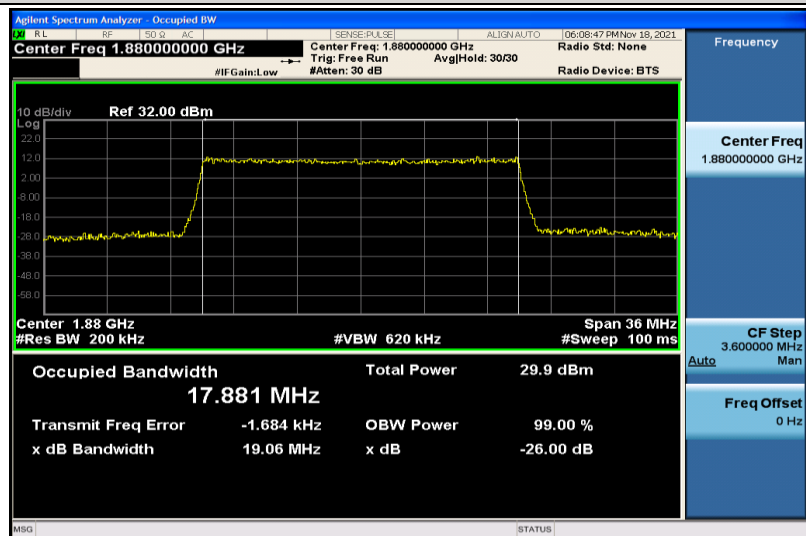
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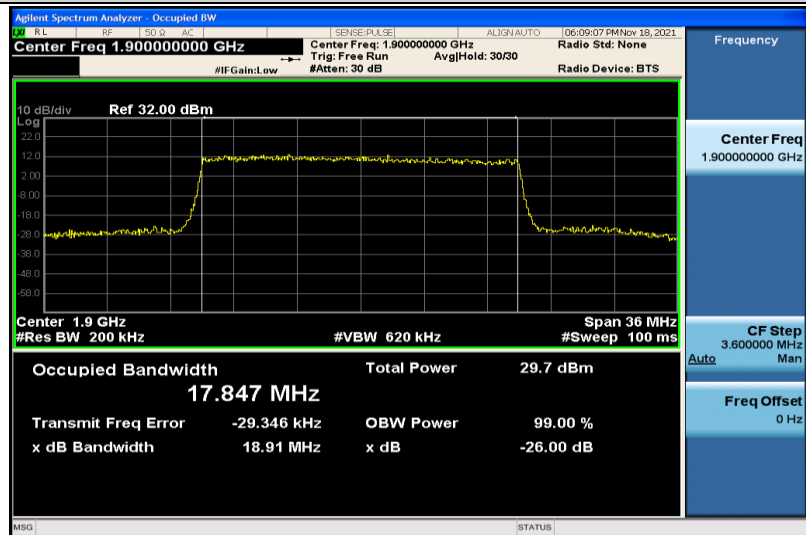
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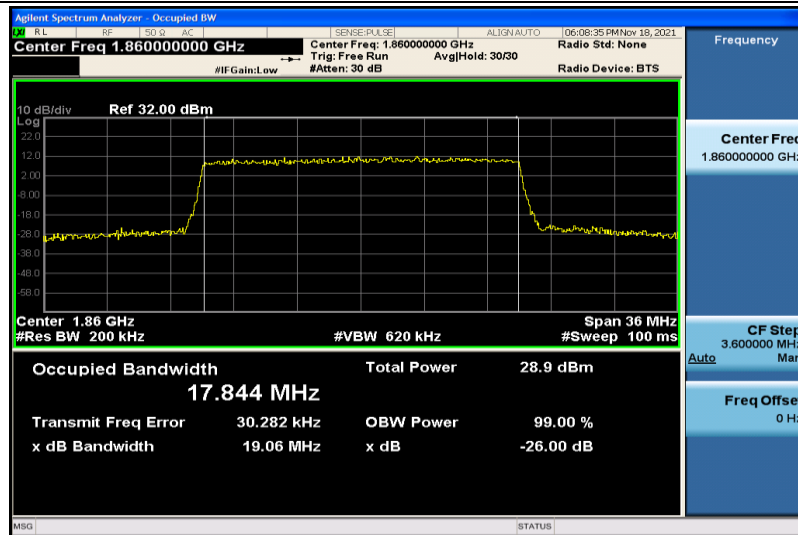
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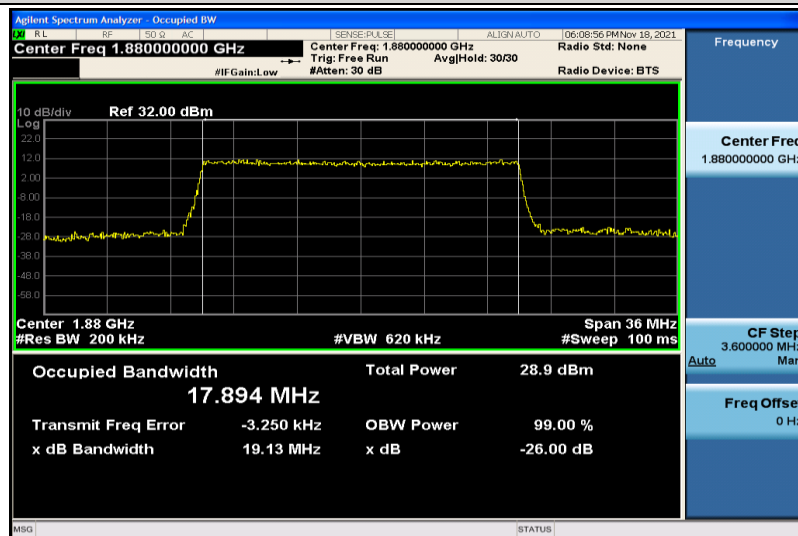
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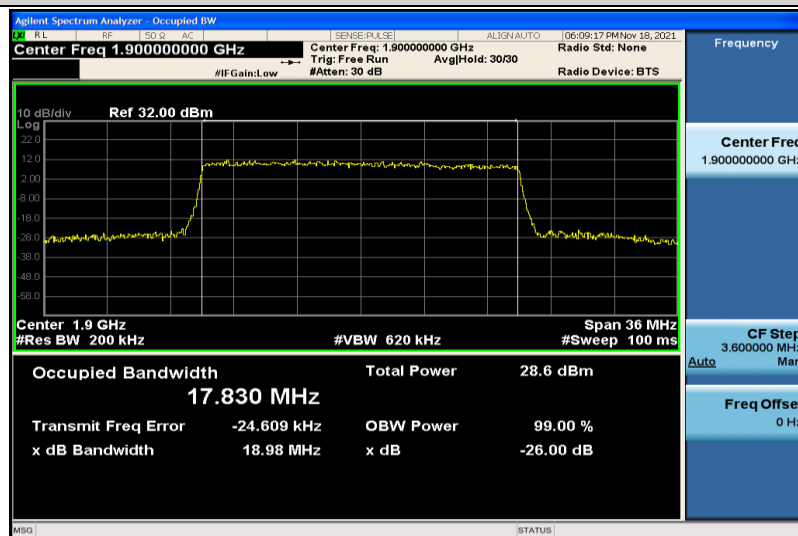
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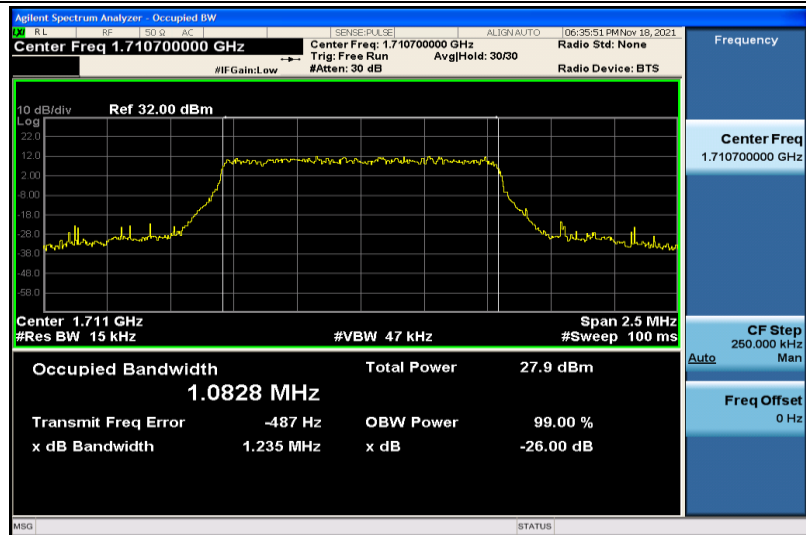
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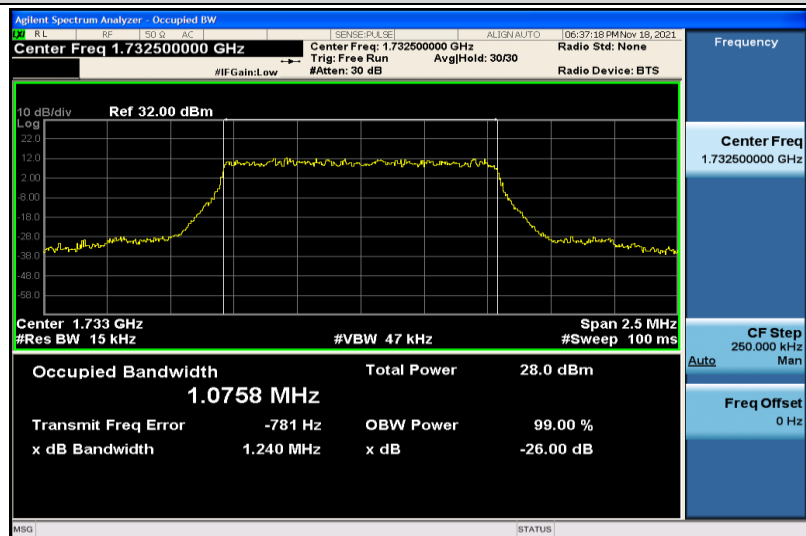
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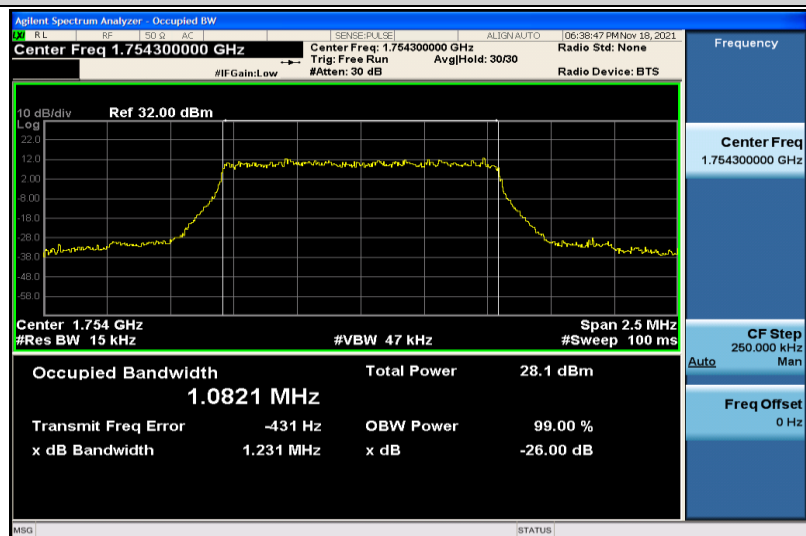
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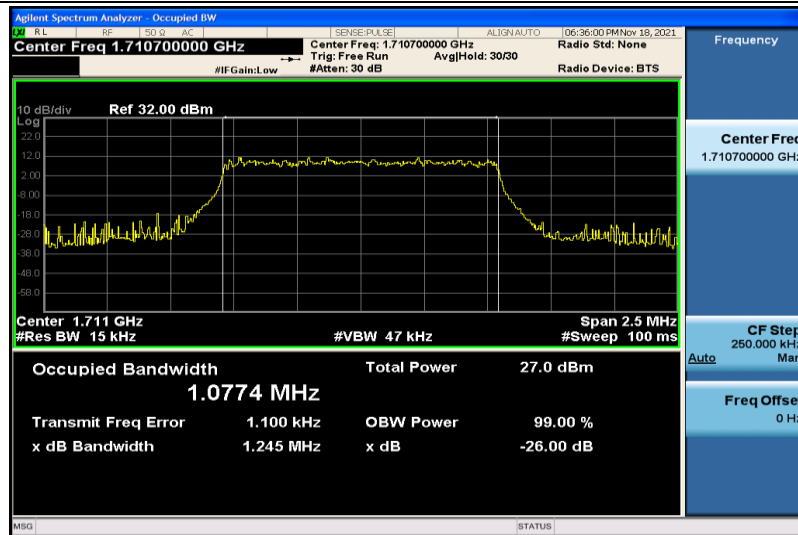
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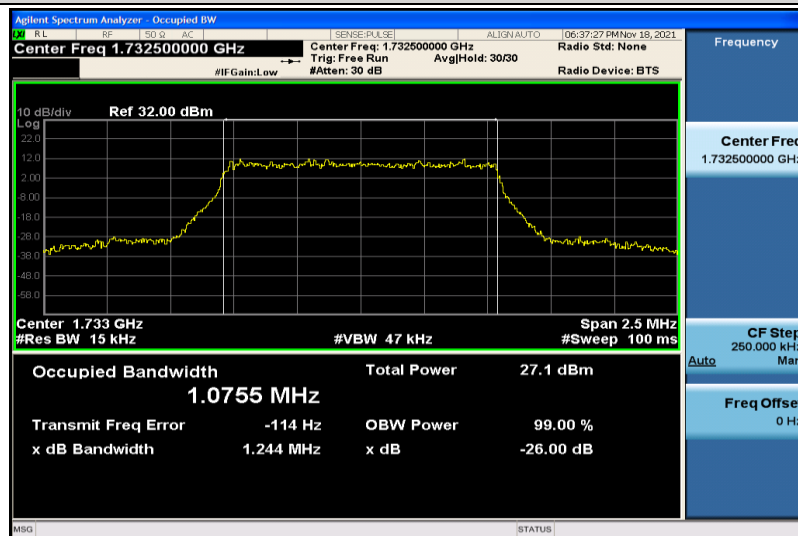
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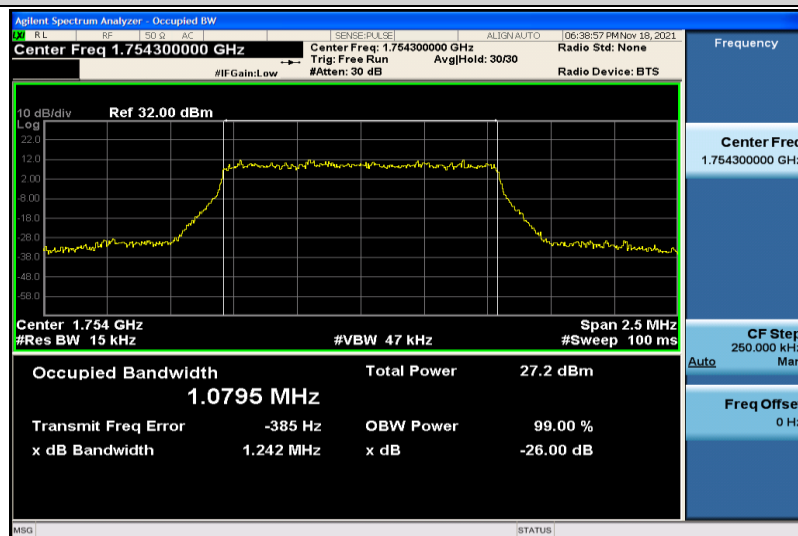
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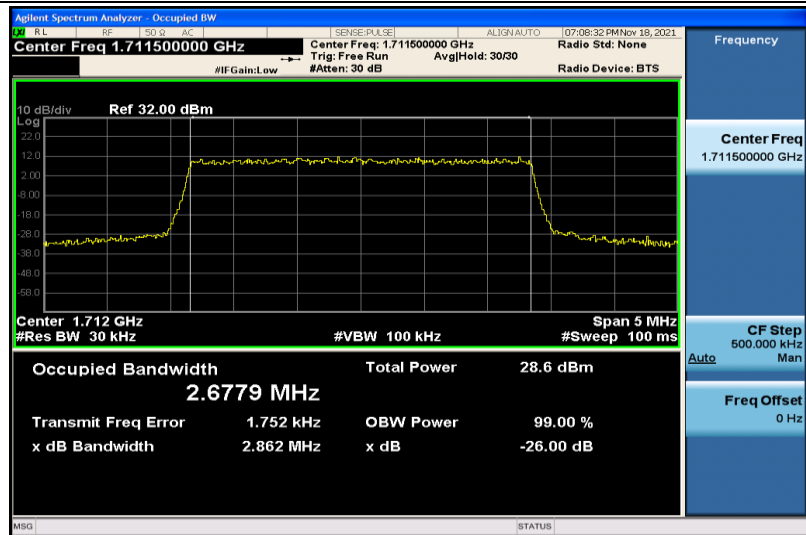
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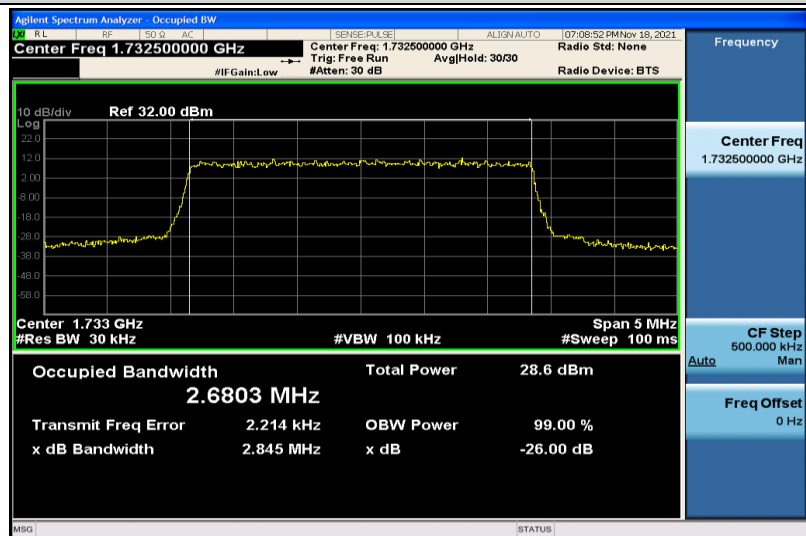
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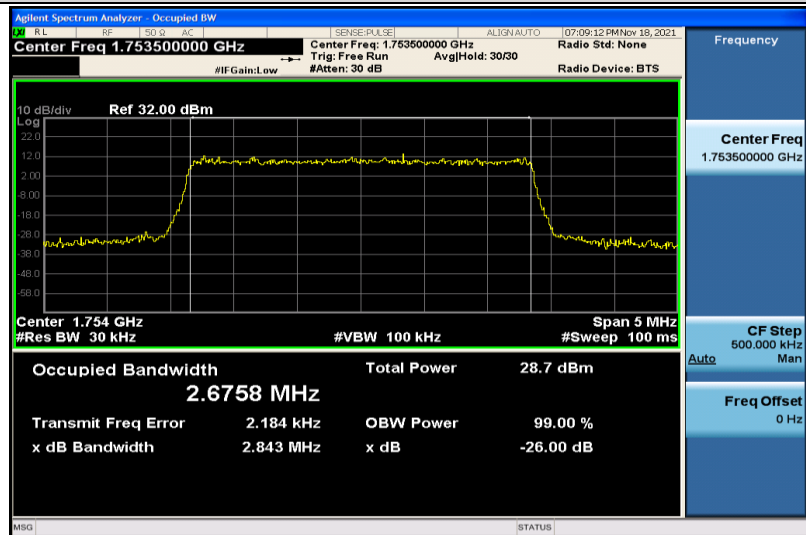
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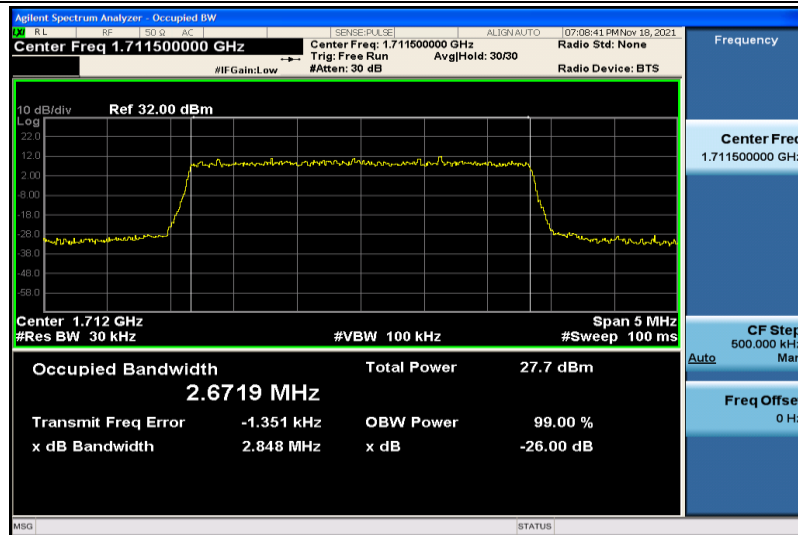
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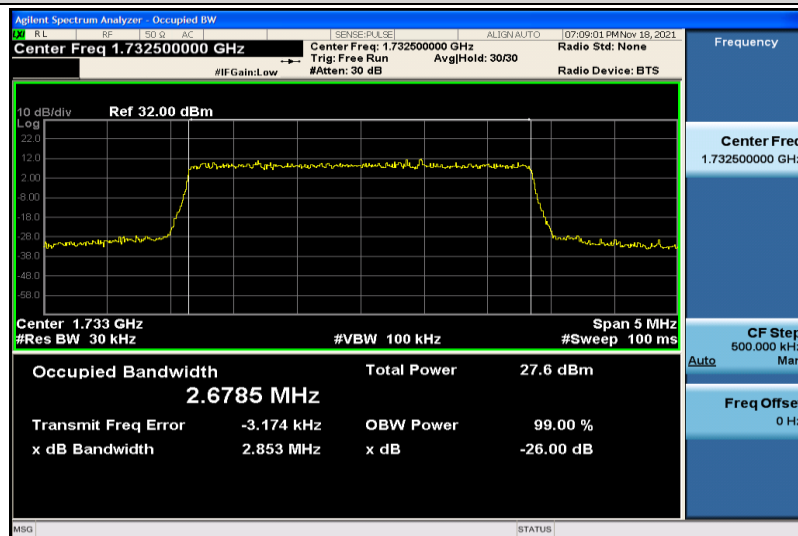
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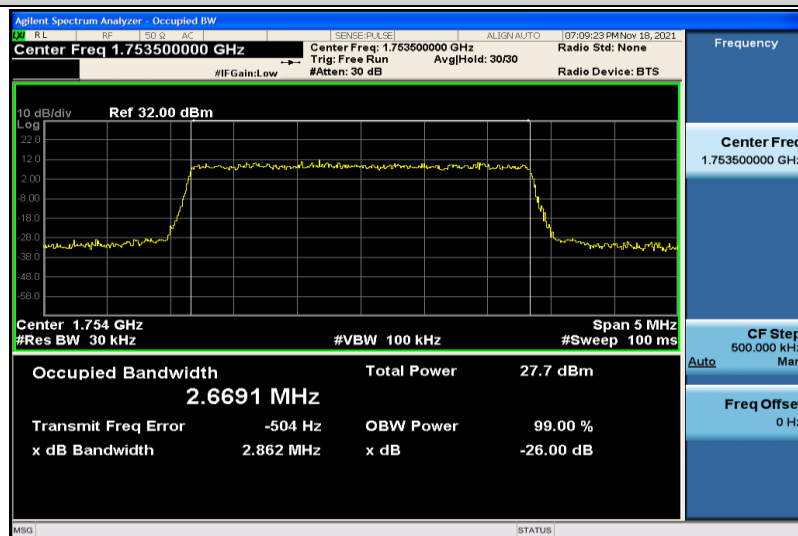
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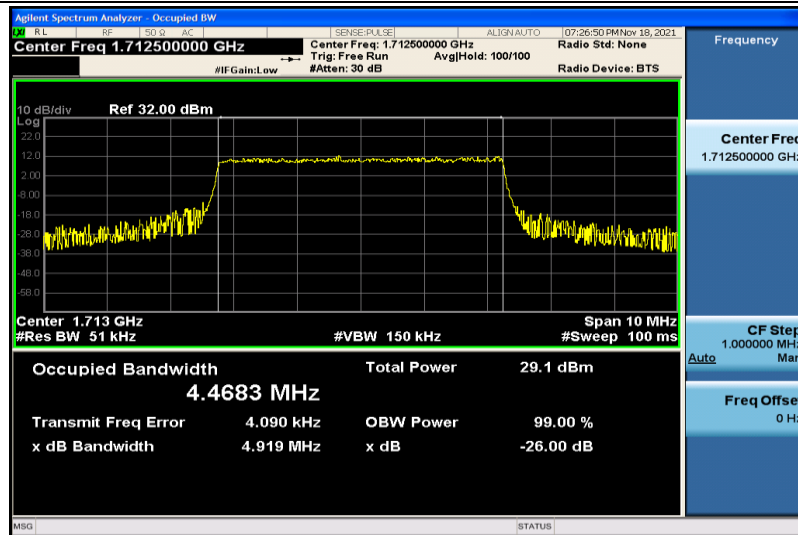
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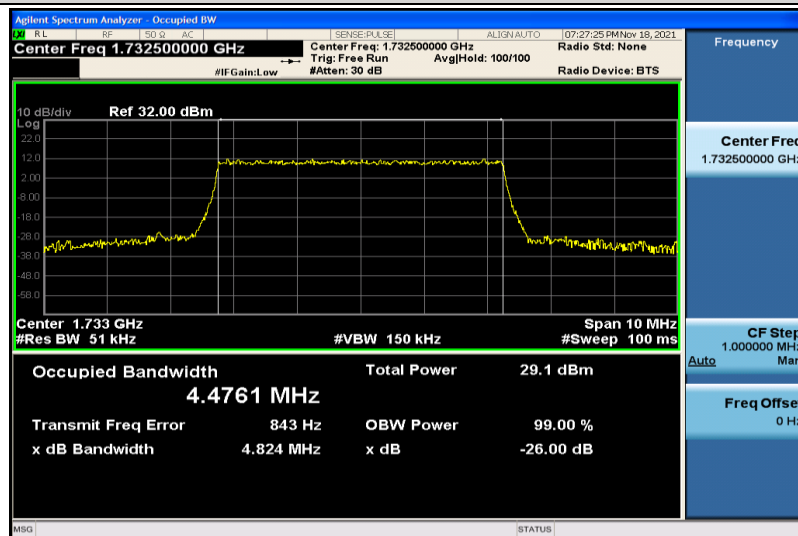
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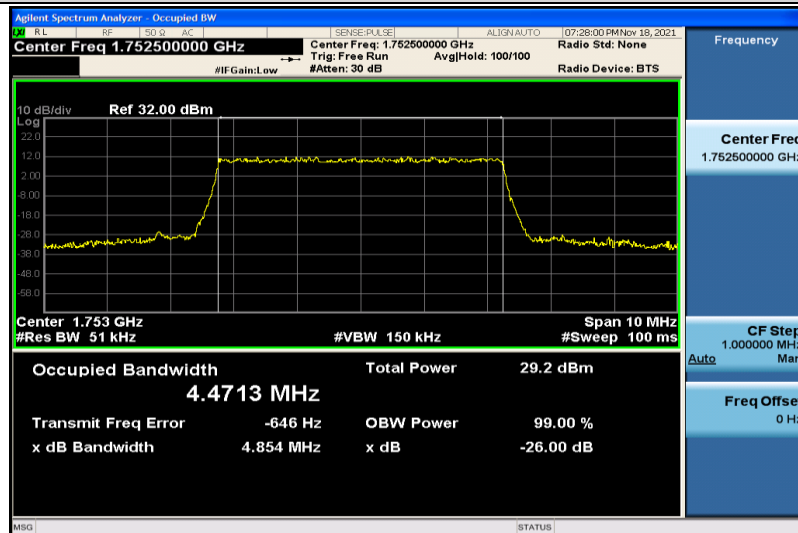
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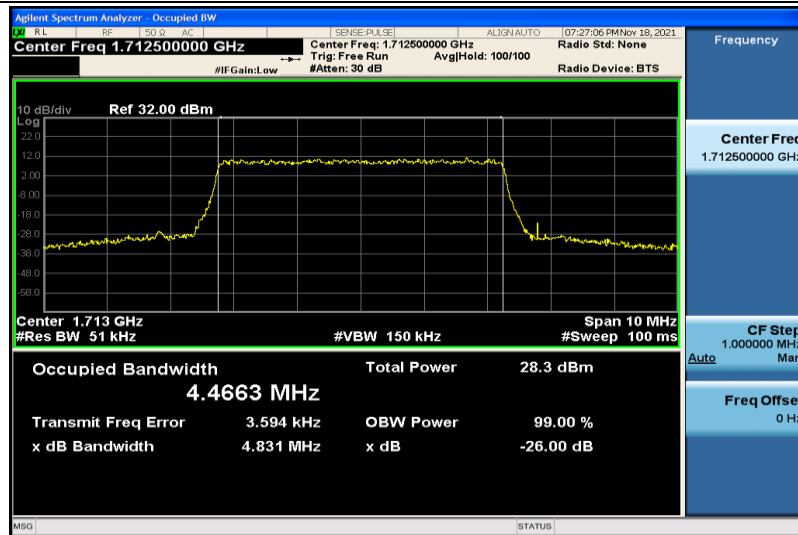
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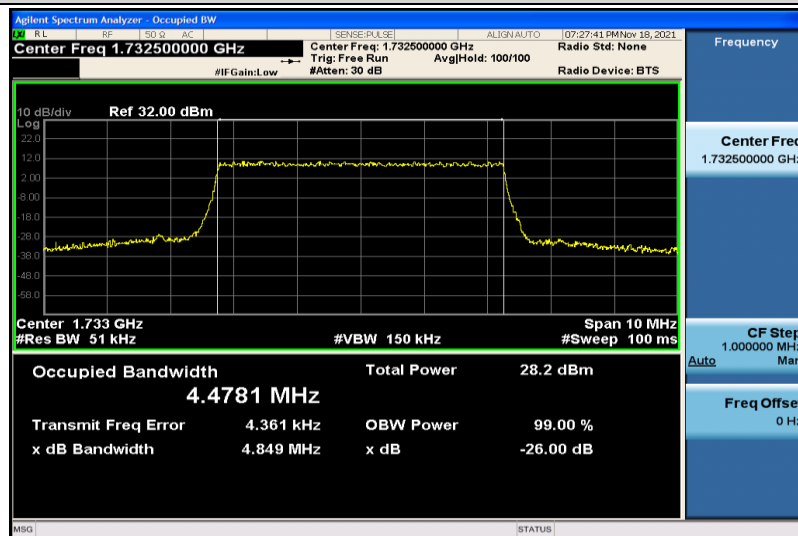
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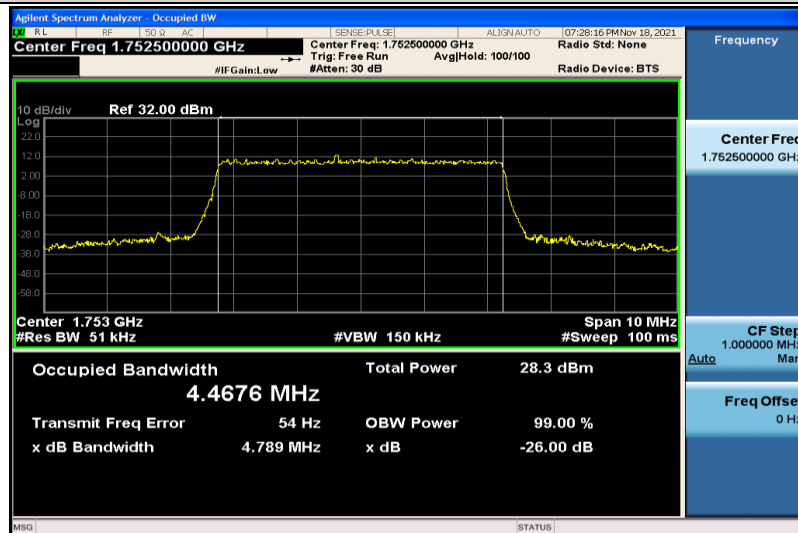
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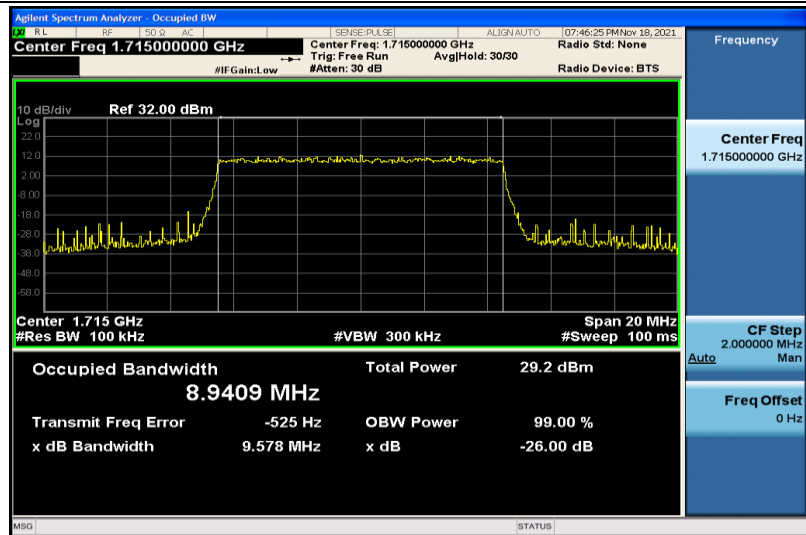
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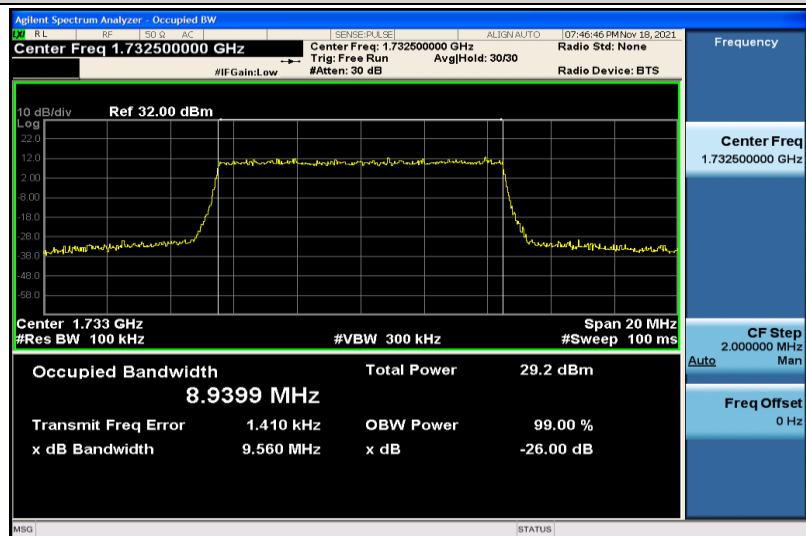
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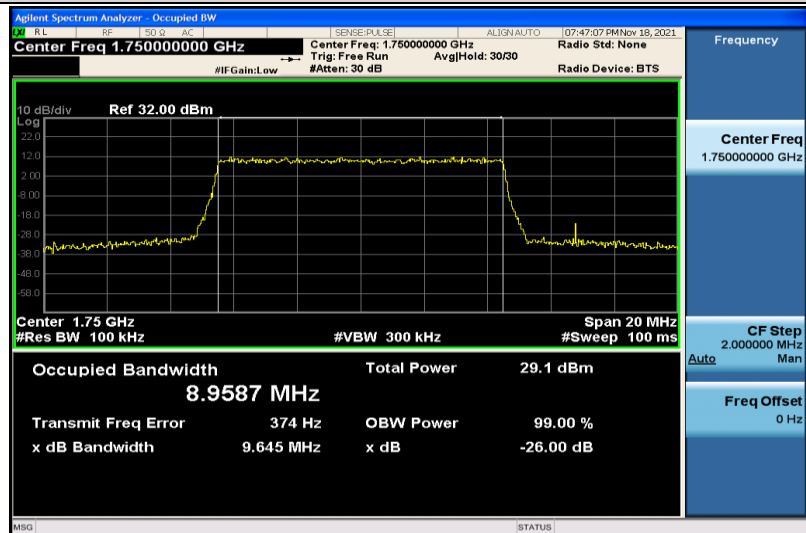
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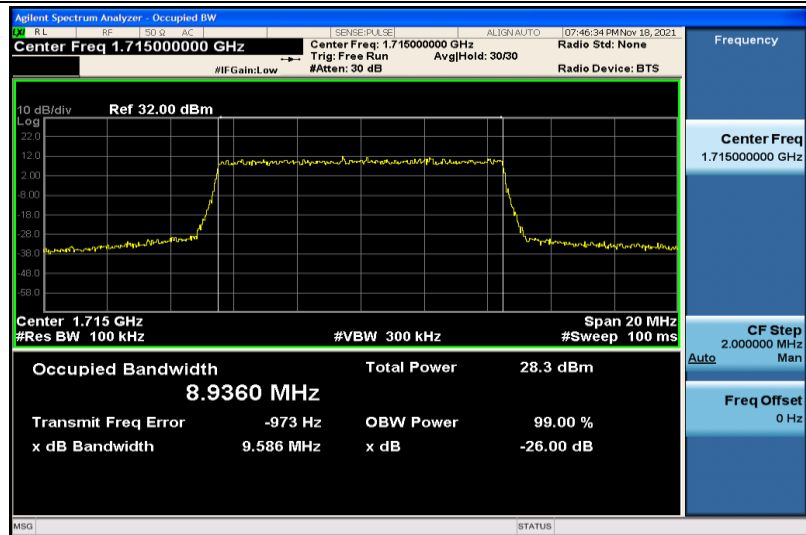
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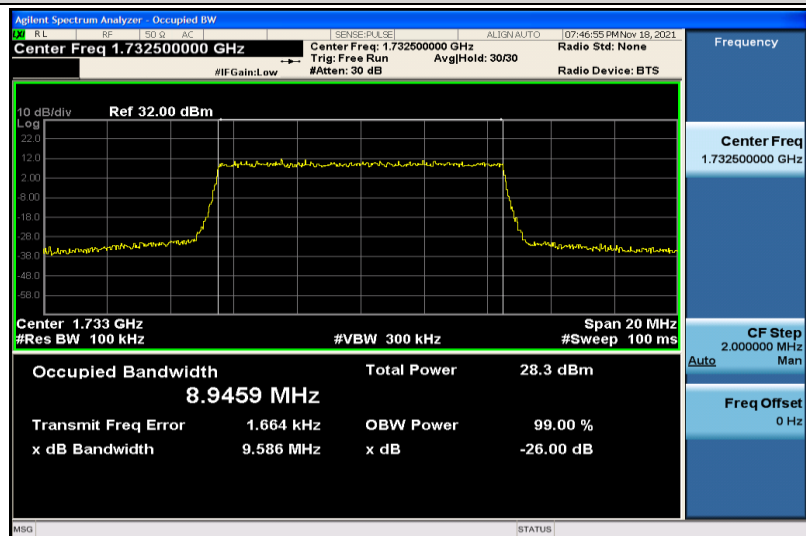
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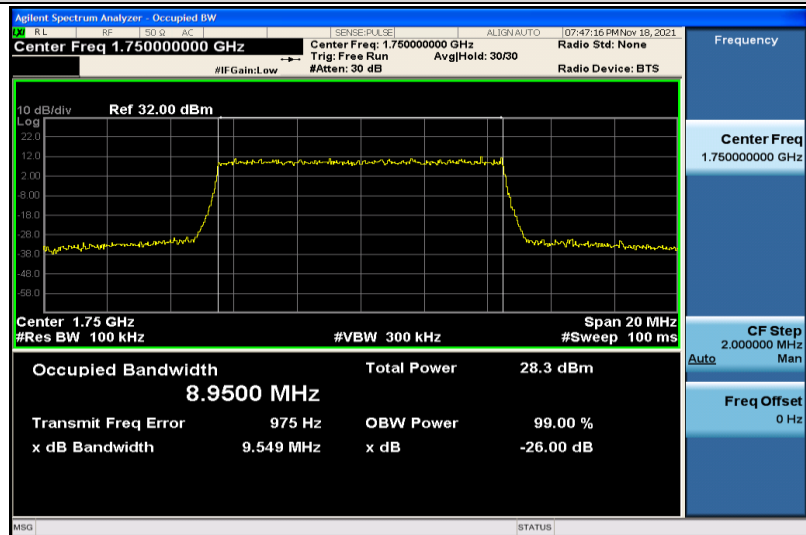
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Band4-10MHz-16QAM-20000-50RB#0-8.9360



Band4-10MHz-16QAM-20175-50RB#0-8.9459



Band4-10MHz-16QAM-20350-50RB#0-8.9500