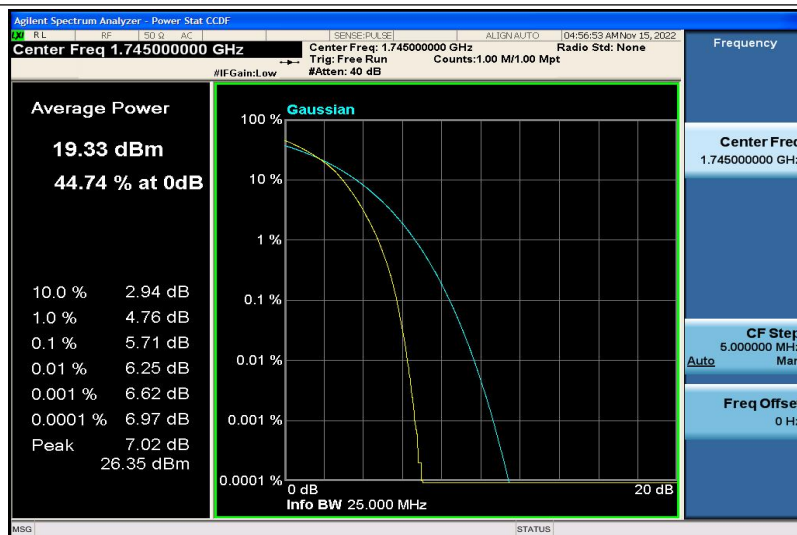
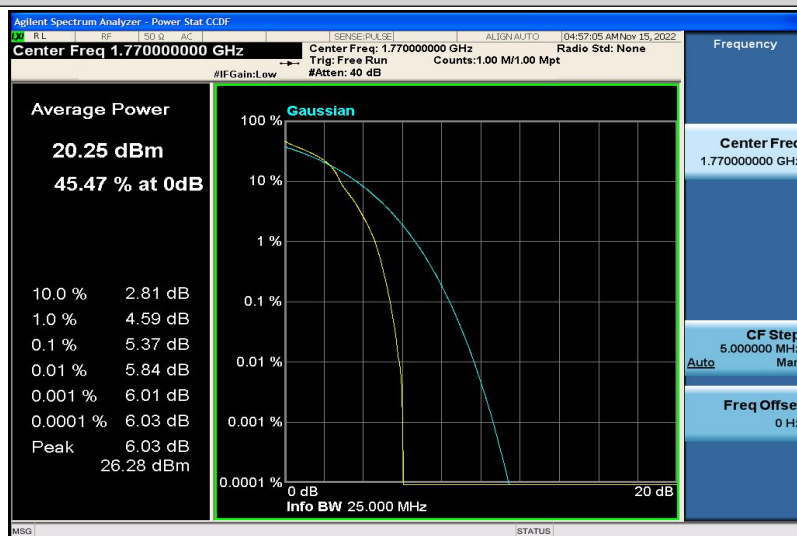
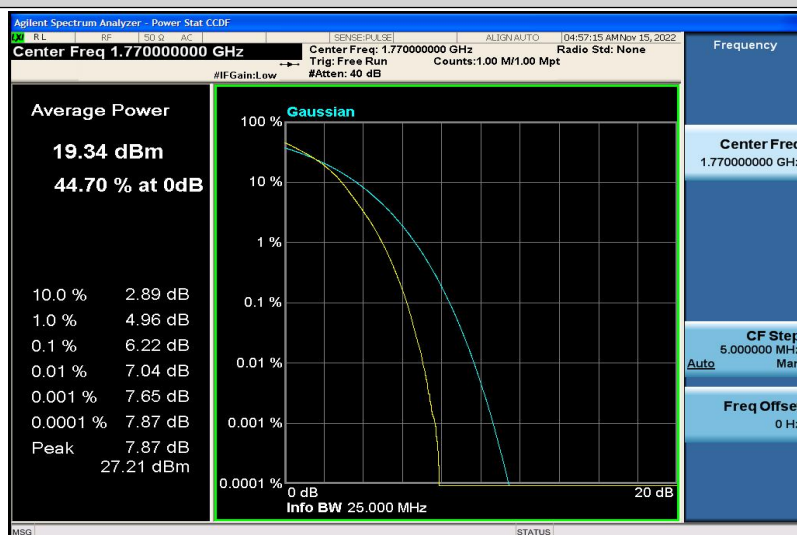




Band66-20MHz-16QAM-132322-100RB#0



Band66-20MHz-16QAM-132572-1RB#0



Band66-20MHz-16QAM-132572-100RB#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	1.0814	1.238	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	1.0827	1.234	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1.0832	1.239	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1.0820	1.238	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.0776	1.235	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1.0783	1.245	PASS
Band2	3MHz	QPSK	18615	15RB#0	2.6764	2.872	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.6752	2.853	PASS
Band2	3MHz	QPSK	19185	15RB#0	2.6765	2.858	PASS
Band2	3MHz	16QAM	18615	15RB#0	2.6744	2.852	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.6782	2.867	PASS
Band2	3MHz	16QAM	19185	15RB#0	2.6737	2.868	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.4643	4.808	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.4801	4.827	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.4766	4.838	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.4709	4.829	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.4717	4.846	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.4666	4.786	PASS
Band2	10MHz	QPSK	18650	50RB#0	8.9431	9.551	PASS
Band2	10MHz	QPSK	18900	50RB#0	8.9354	9.539	PASS
Band2	10MHz	QPSK	19150	50RB#0	8.9550	9.599	PASS
Band2	10MHz	16QAM	18650	50RB#0	8.9352	9.563	PASS
Band2	10MHz	16QAM	18900	50RB#0	8.9459	9.613	PASS
Band2	10MHz	16QAM	19150	50RB#0	8.9453	9.593	PASS
Band2	15MHz	QPSK	18675	75RB#0	13.394	14.34	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.396	14.34	PASS
Band2	15MHz	QPSK	19125	75RB#0	13.426	14.43	PASS
Band2	15MHz	16QAM	18675	75RB#0	13.414	14.28	PASS
Band2	15MHz	16QAM	18900	75RB#0	13.413	14.36	PASS
Band2	15MHz	16QAM	19125	75RB#0	13.388	14.33	PASS
Band2	20MHz	QPSK	18700	100RB#0	17.853	19.08	PASS
Band2	20MHz	QPSK	18900	100RB#0	17.864	19.01	PASS
Band2	20MHz	QPSK	19100	100RB#0	17.852	18.92	PASS
Band2	20MHz	16QAM	18700	100RB#0	17.845	19.00	PASS
Band2	20MHz	16QAM	18900	100RB#0	17.899	19.03	PASS
Band2	20MHz	16QAM	19100	100RB#0	17.889	19.02	PASS

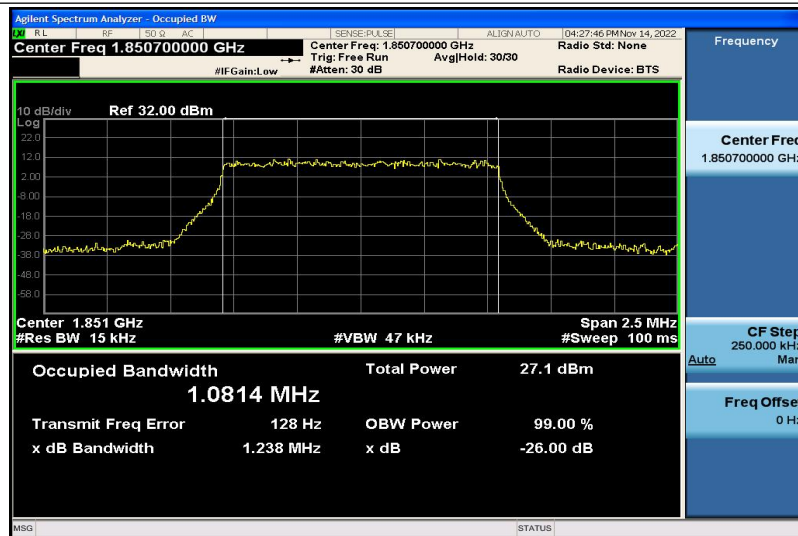
Band4	1.4MHz	QPSK	19957	6RB#0	1.0849	1.272	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.0810	1.235	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.0841	1.306	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.0804	1.250	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.0774	1.248	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.0822	1.253	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.6781	2.886	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.6796	2.861	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.6794	2.854	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.6769	2.873	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.6767	2.848	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.6780	2.876	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.4720	4.819	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.4748	4.820	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.4876	4.888	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.4763	4.890	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.4742	4.838	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.4726	4.862	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.9611	9.538	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.9281	9.550	PASS
Band4	10MHz	QPSK	20350	50RB#0	8.9783	9.656	PASS
Band4	10MHz	16QAM	20000	50RB#0	8.9549	9.585	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.9316	9.512	PASS
Band4	10MHz	16QAM	20350	50RB#0	8.9521	9.601	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.446	14.51	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.376	14.28	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.447	15.86	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.455	14.29	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.388	14.26	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.446	14.35	PASS
Band4	20MHz	QPSK	20050	100RB#0	17.906	19.10	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.806	18.96	PASS
Band4	20MHz	QPSK	20300	100RB#0	17.874	18.96	PASS
Band4	20MHz	16QAM	20050	100RB#0	17.912	19.03	PASS
Band4	20MHz	16QAM	20175	100RB#0	17.829	18.92	PASS
Band4	20MHz	16QAM	20300	100RB#0	17.929	19.01	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	1.0851	1.241	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.0784	1.267	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.0761	1.235	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.0799	1.245	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.0764	1.219	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.0782	1.264	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.6790	2.859	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.6804	2.878	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.6784	2.841	PASS

Band5	3MHz	16QAM	20415	15RB#0	2.6720	2.872	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.6735	2.860	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.6724	2.881	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.4696	4.828	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.4812	4.824	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.4825	4.866	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.4718	4.831	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.4725	4.851	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.4695	4.785	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.9525	9.660	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.9417	9.605	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.9497	9.525	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.9487	9.549	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.9442	9.639	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.9569	9.634	PASS
Band7	5MHz	QPSK	20775	25RB#0	4.4649	4.830	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.4778	4.849	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.4778	4.872	PASS
Band7	5MHz	16QAM	20775	25RB#0	4.4722	4.843	PASS
Band7	5MHz	16QAM	21100	25RB#0	4.4795	4.863	PASS
Band7	5MHz	16QAM	21425	25RB#0	4.4705	4.802	PASS
Band7	10MHz	QPSK	20800	50RB#0	8.9425	9.613	PASS
Band7	10MHz	QPSK	21100	50RB#0	8.9408	9.555	PASS
Band7	10MHz	QPSK	21400	50RB#0	8.9567	9.646	PASS
Band7	10MHz	16QAM	20800	50RB#0	8.9368	9.580	PASS
Band7	10MHz	16QAM	21100	50RB#0	8.9435	9.629	PASS
Band7	10MHz	16QAM	21400	50RB#0	8.9441	9.602	PASS
Band7	15MHz	QPSK	20825	75RB#0	13.382	14.36	PASS
Band7	15MHz	QPSK	21100	75RB#0	13.402	14.33	PASS
Band7	15MHz	QPSK	21375	75RB#0	13.444	14.46	PASS
Band7	15MHz	16QAM	20825	75RB#0	13.409	14.29	PASS
Band7	15MHz	16QAM	21100	75RB#0	13.418	14.33	PASS
Band7	15MHz	16QAM	21375	75RB#0	13.431	14.40	PASS
Band7	20MHz	QPSK	20850	100RB#0	17.837	19.09	PASS
Band7	20MHz	QPSK	21100	100RB#0	17.865	19.01	PASS
Band7	20MHz	QPSK	21350	100RB#0	17.917	18.98	PASS
Band7	20MHz	16QAM	20850	100RB#0	17.798	18.95	PASS
Band7	20MHz	16QAM	21100	100RB#0	17.880	19.08	PASS
Band7	20MHz	16QAM	21350	100RB#0	17.886	19.09	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	1.0769	1.243	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.0792	1.236	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.0813	1.231	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1.0799	1.246	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.0759	1.239	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1.0781	1.237	PASS

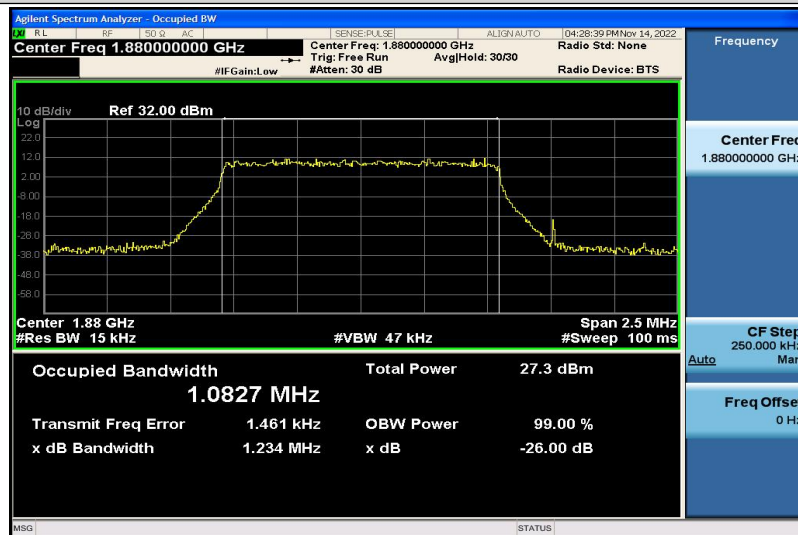
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Band12	3MHz	QPSK	23165	15RB#0	2.6756	2.862	PASS
Band12	3MHz	16QAM	23025	15RB#0	2.6720	2.858	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.6774	2.854	PASS
Band12	3MHz	16QAM	23165	15RB#0	2.6772	2.858	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.4747	4.999	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.4858	5.039	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.4830	5.049	PASS
Band12	5MHz	16QAM	23035	25RB#0	4.4796	5.042	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.4879	5.042	PASS
Band12	5MHz	16QAM	23155	25RB#0	4.4779	4.969	PASS
Band12	10MHz	QPSK	23060	50RB#0	8.9606	9.883	PASS
Band12	10MHz	QPSK	23095	50RB#0	8.9654	9.880	PASS
Band12	10MHz	QPSK	23130	50RB#0	8.9378	9.774	PASS
Band12	10MHz	16QAM	23060	50RB#0	8.9525	9.671	PASS
Band12	10MHz	16QAM	23095	50RB#0	8.9461	9.897	PASS
Band12	10MHz	16QAM	23130	50RB#0	8.9568	9.798	PASS
Band17	5MHz	QPSK	23755	25RB#0	4.4886	5.033	PASS
Band17	5MHz	QPSK	23790	25RB#0	4.4917	5.037	PASS
Band17	5MHz	QPSK	23825	25RB#0	4.4757	4.987	PASS
Band17	5MHz	16QAM	23755	25RB#0	4.4820	5.028	PASS
Band17	5MHz	16QAM	23790	25RB#0	4.4768	4.955	PASS
Band17	5MHz	16QAM	23825	25RB#0	4.4865	5.051	PASS
Band17	10MHz	QPSK	23780	50RB#0	8.9602	9.845	PASS
Band17	10MHz	QPSK	23790	50RB#0	8.9528	9.712	PASS
Band17	10MHz	QPSK	23800	50RB#0	8.9609	9.846	PASS
Band17	10MHz	16QAM	23780	50RB#0	8.9573	9.844	PASS
Band17	10MHz	16QAM	23790	50RB#0	8.9558	9.906	PASS
Band17	10MHz	16QAM	23800	50RB#0	8.9575	9.839	PASS
Band66	1.4MHz	QPSK	131979	6RB#0	1.0823	1.259	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	1.0815	1.296	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	1.0843	1.249	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	1.0785	1.252	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	1.0779	1.256	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	1.0787	1.238	PASS
Band66	3MHz	QPSK	131987	15RB#0	2.6810	2.880	PASS
Band66	3MHz	QPSK	132322	15RB#0	2.6868	2.875	PASS
Band66	3MHz	QPSK	132657	15RB#0	2.6704	2.849	PASS
Band66	3MHz	16QAM	131987	15RB#0	2.6742	2.859	PASS
Band66	3MHz	16QAM	132322	15RB#0	2.6783	2.856	PASS
Band66	3MHz	16QAM	132657	15RB#0	2.6766	2.863	PASS
Band66	5MHz	QPSK	131997	25RB#0	4.4769	5.060	PASS
Band66	5MHz	QPSK	132322	25RB#0	4.4860	5.117	PASS
Band66	5MHz	QPSK	132647	25RB#0	4.4839	5.039	PASS

Band66	5MHz	16QAM	131997	25RB#0	4.4903	5.090	PASS
Band66	5MHz	16QAM	132322	25RB#0	4.4937	5.093	PASS
Band66	5MHz	16QAM	132647	25RB#0	4.4810	4.988	PASS
Band66	10MHz	QPSK	132022	50RB#0	8.9537	9.916	PASS
Band66	10MHz	QPSK	132322	50RB#0	8.9628	9.996	PASS
Band66	10MHz	QPSK	132622	50RB#0	8.9570	9.829	PASS
Band66	10MHz	16QAM	132022	50RB#0	8.9597	9.927	PASS
Band66	10MHz	16QAM	132322	50RB#0	8.9686	9.747	PASS
Band66	10MHz	16QAM	132622	50RB#0	8.9437	9.758	PASS
Band66	15MHz	QPSK	132047	75RB#0	13.463	14.89	PASS
Band66	15MHz	QPSK	132322	75RB#0	13.437	14.87	PASS
Band66	15MHz	QPSK	132597	75RB#0	13.391	14.55	PASS
Band66	15MHz	16QAM	132047	75RB#0	13.480	14.52	PASS
Band66	15MHz	16QAM	132322	75RB#0	13.450	14.66	PASS
Band66	15MHz	16QAM	132597	75RB#0	13.377	14.60	PASS
Band66	20MHz	QPSK	132072	100RB#0	17.955	19.69	PASS
Band66	20MHz	QPSK	132322	100RB#0	17.901	19.24	PASS
Band66	20MHz	QPSK	132572	100RB#0	17.847	18.97	PASS
Band66	20MHz	16QAM	132072	100RB#0	17.907	19.58	PASS
Band66	20MHz	16QAM	132322	100RB#0	17.924	19.55	PASS
Band66	20MHz	16QAM	132572	100RB#0	17.829	19.24	PASS

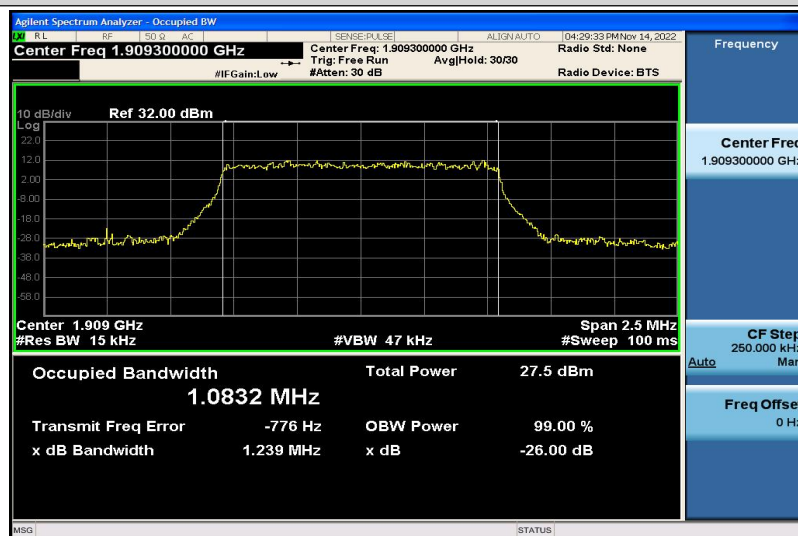
Test Graphs



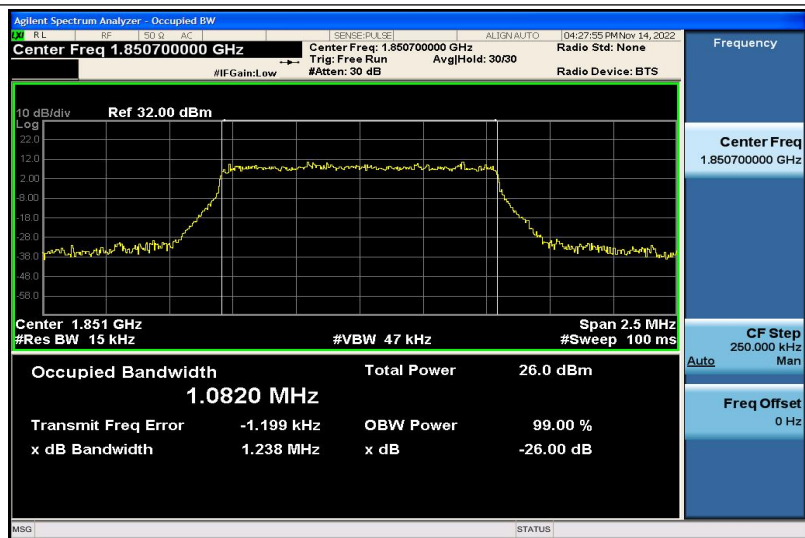
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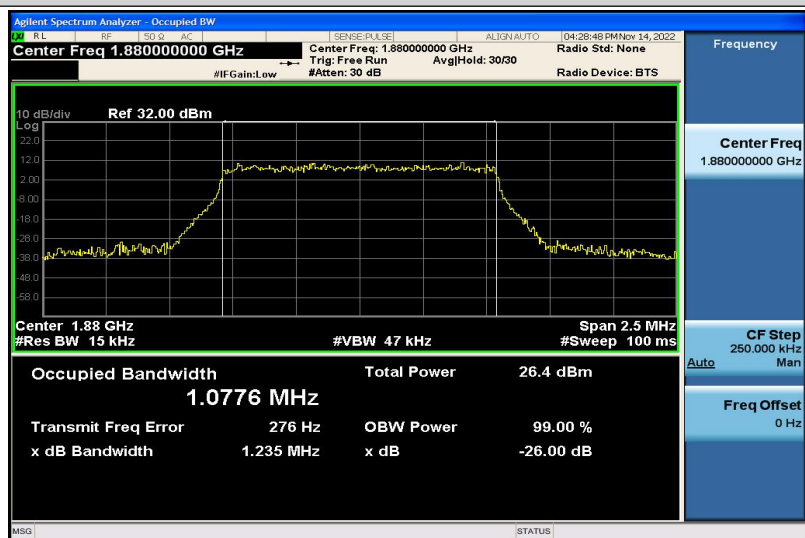
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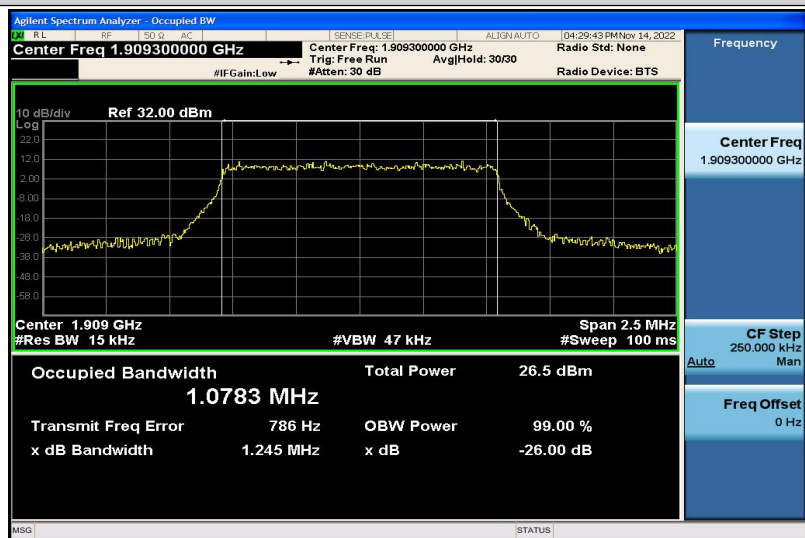
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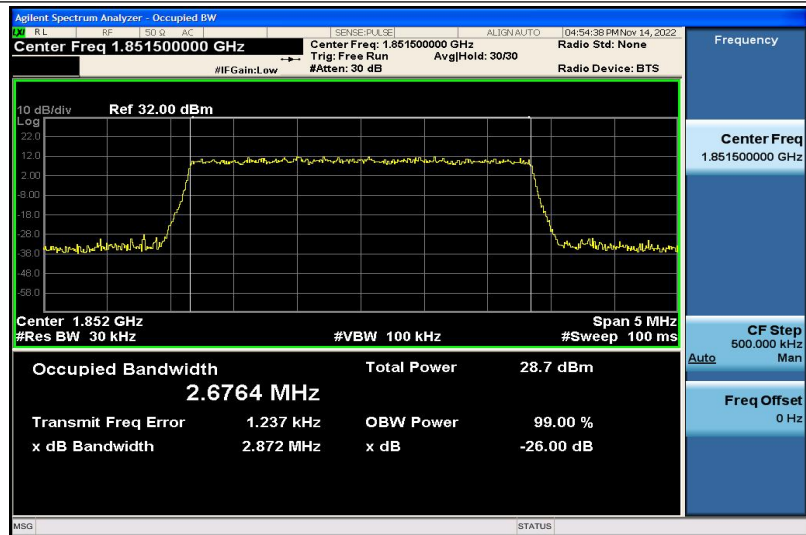
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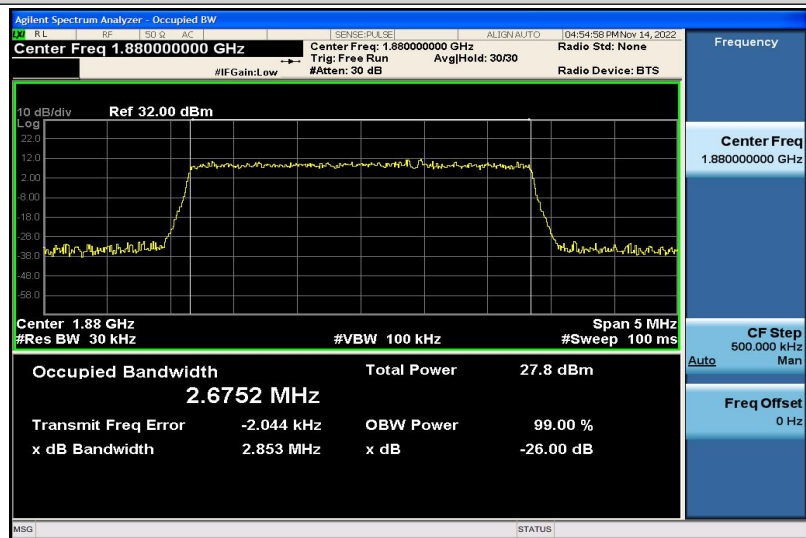
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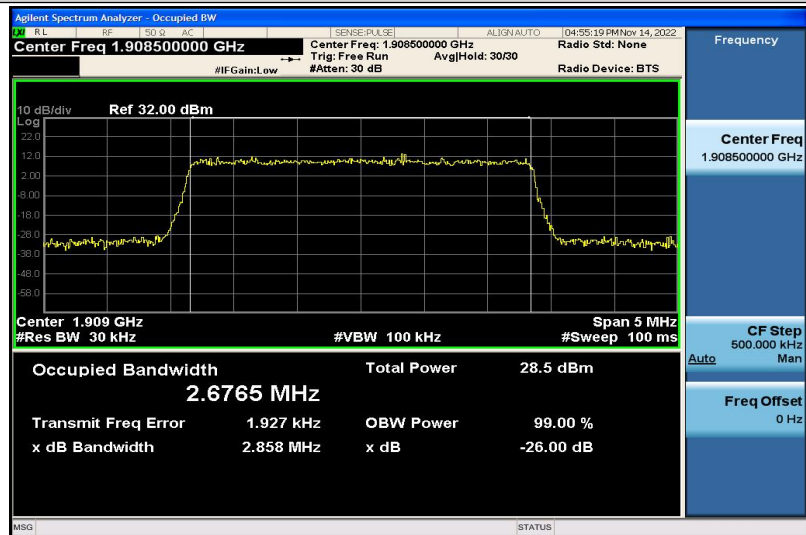
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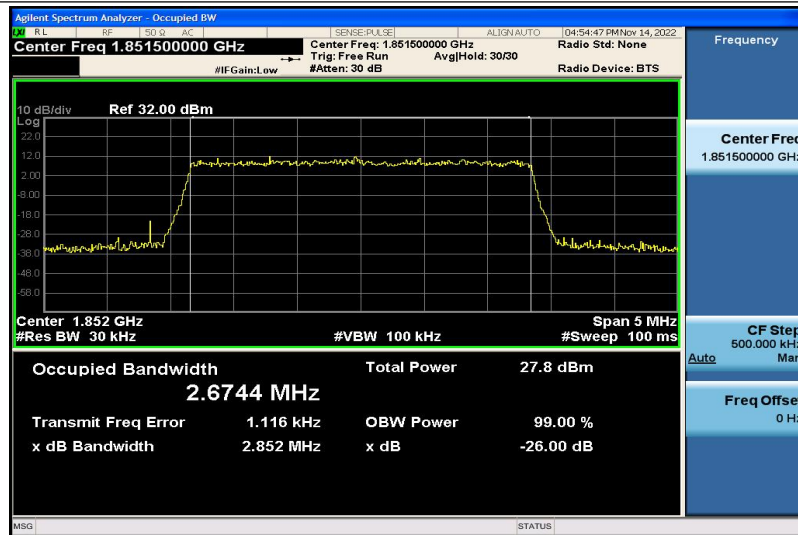
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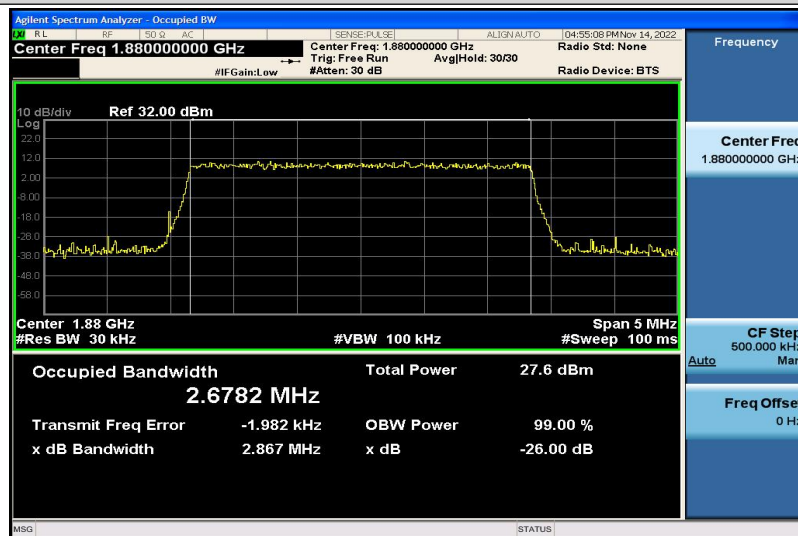
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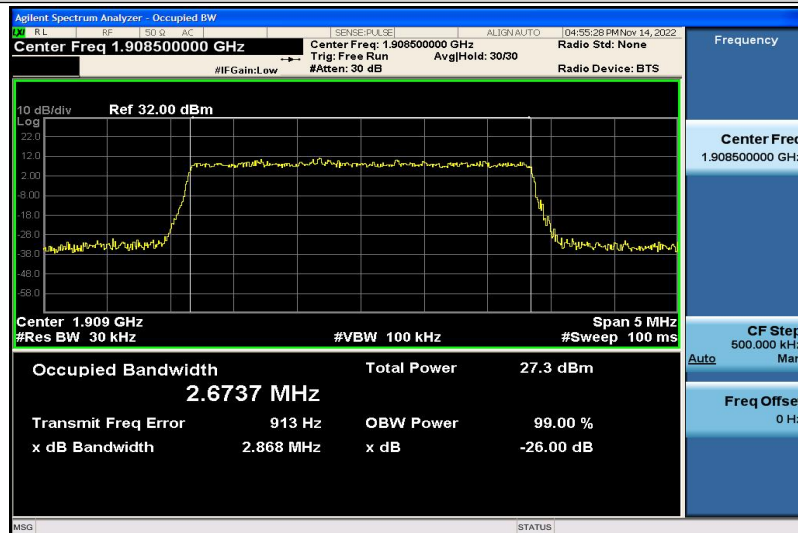
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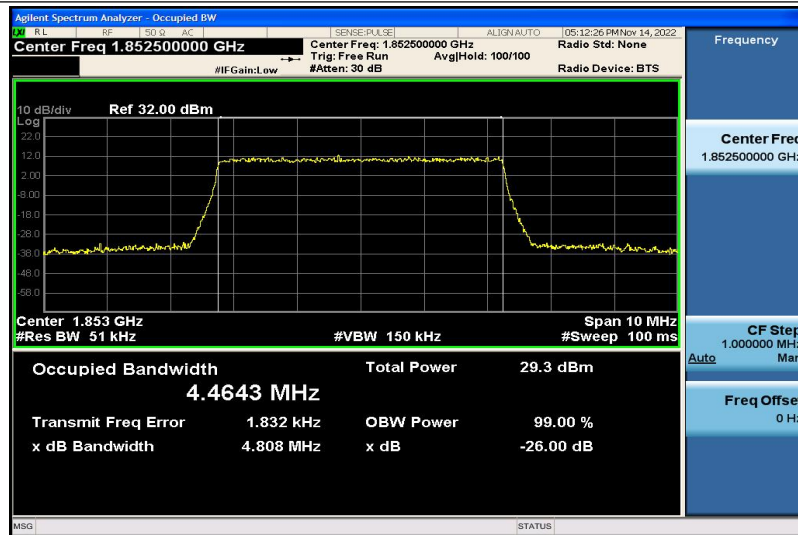
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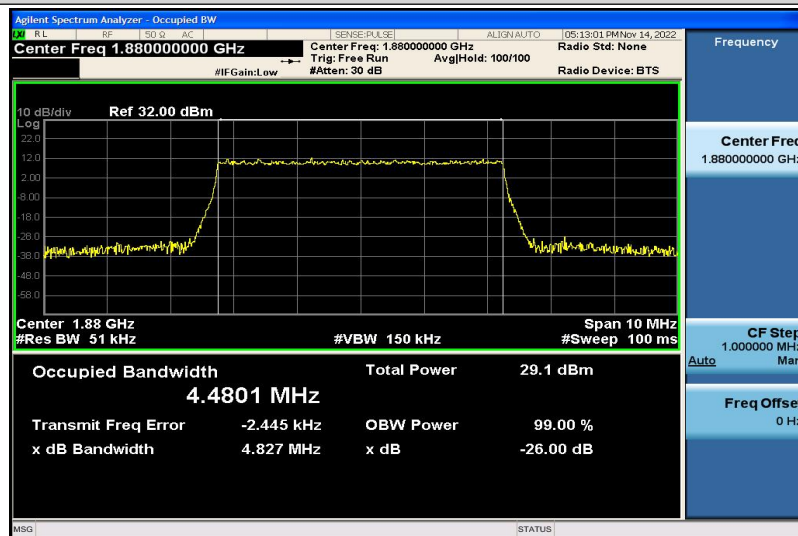
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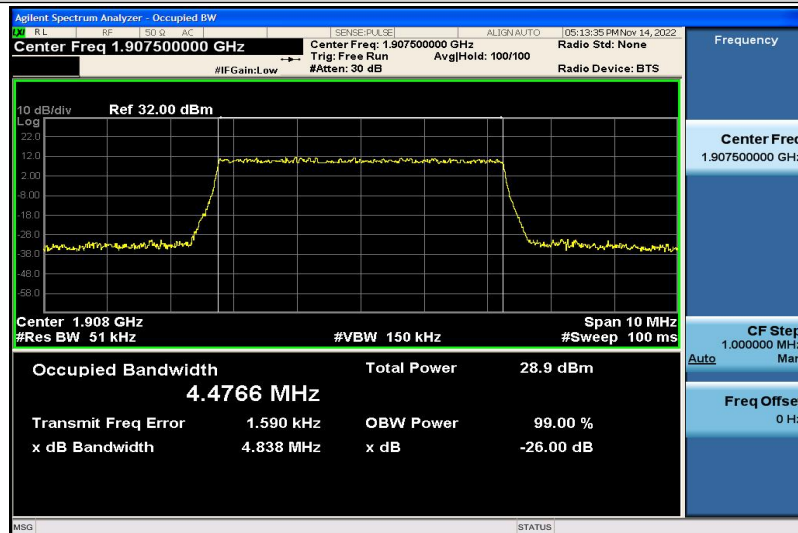
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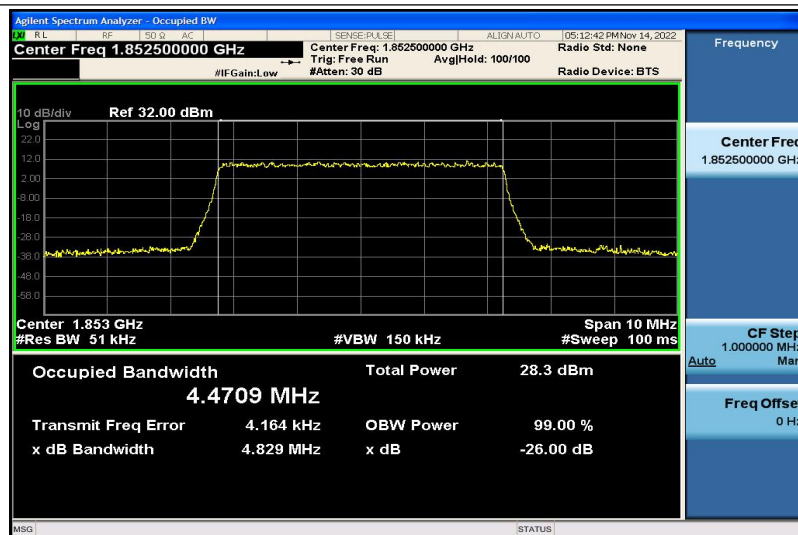
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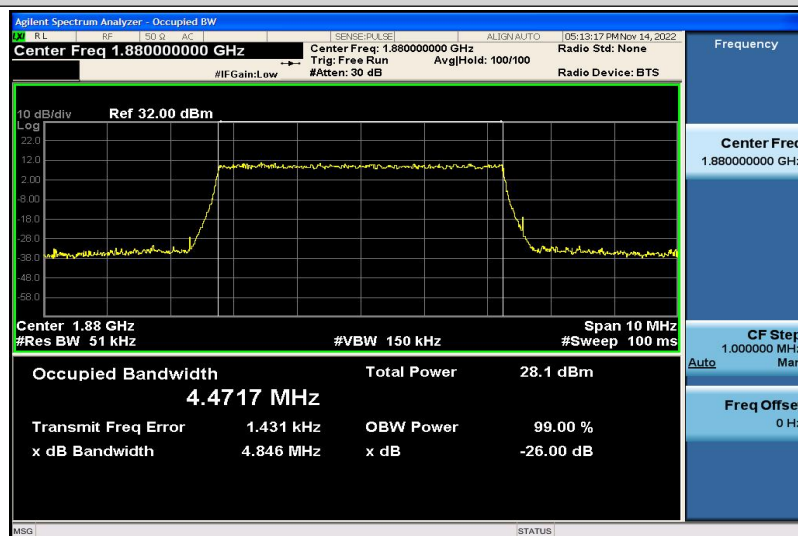
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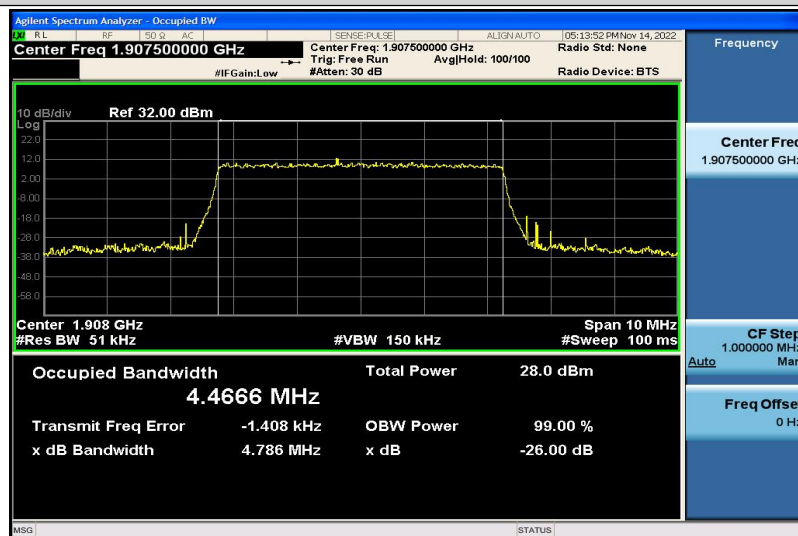
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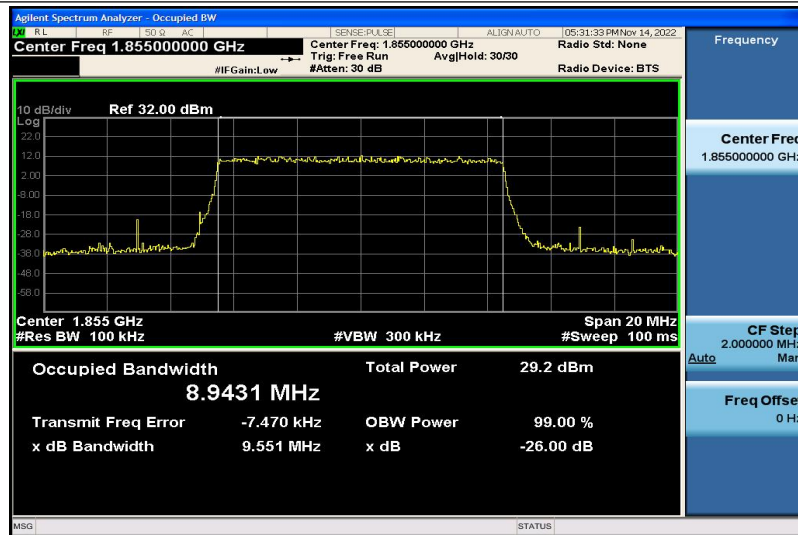
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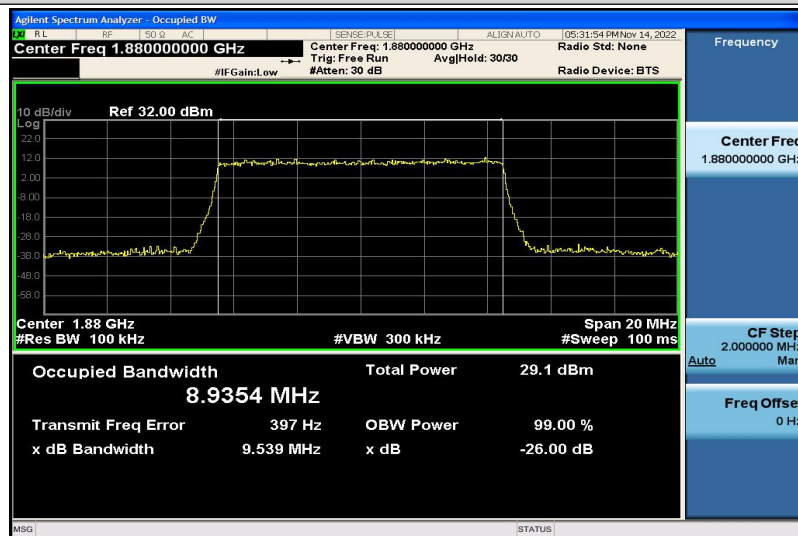
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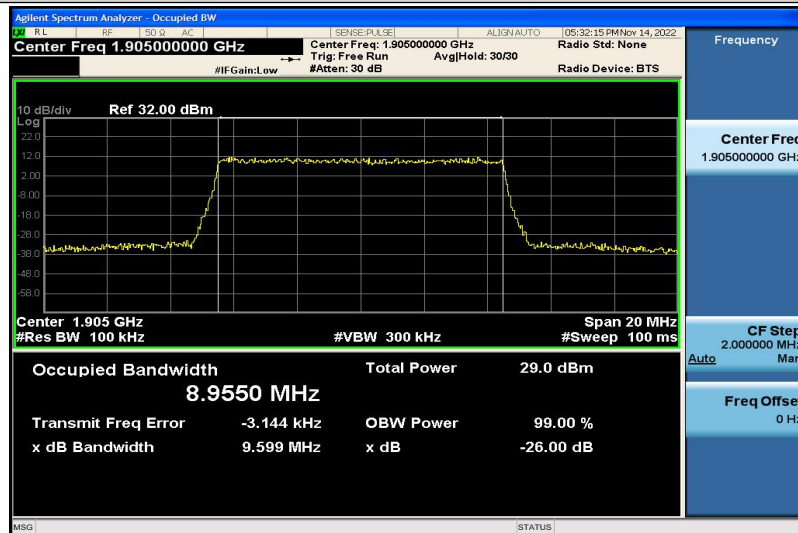
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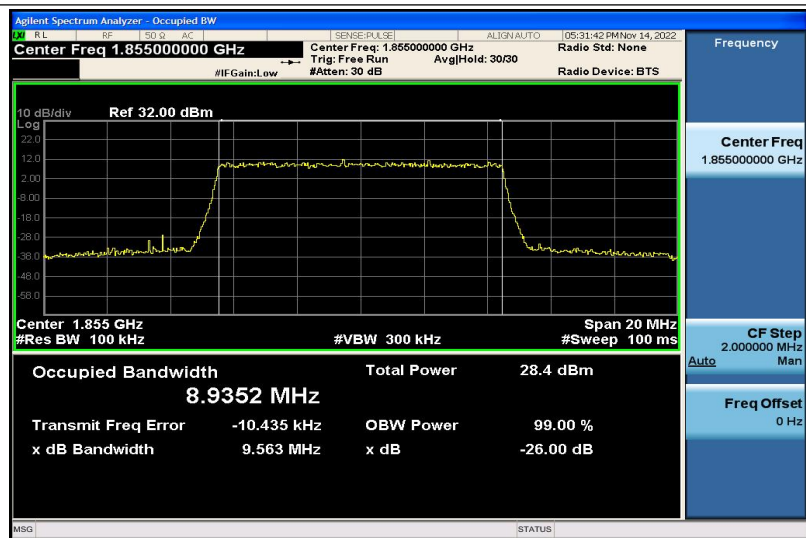
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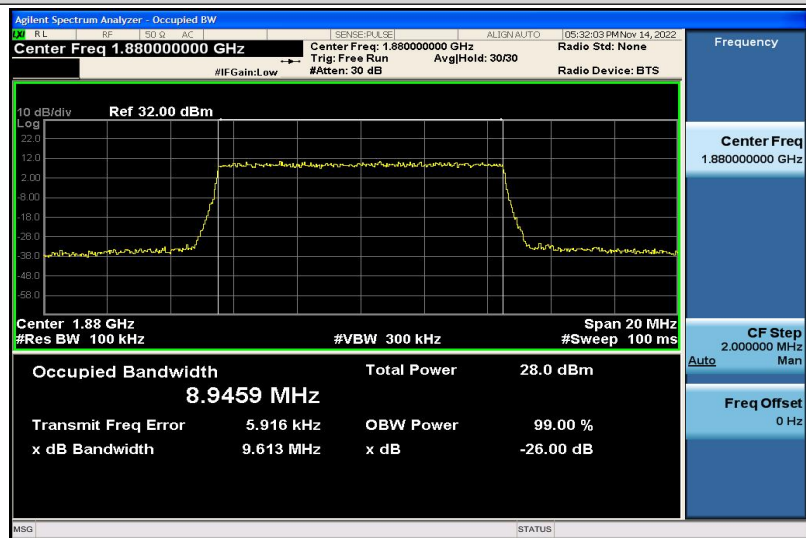
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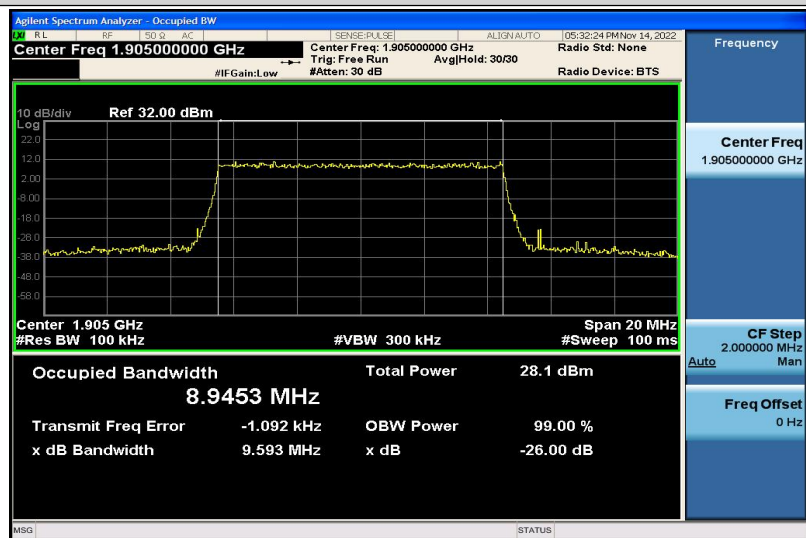
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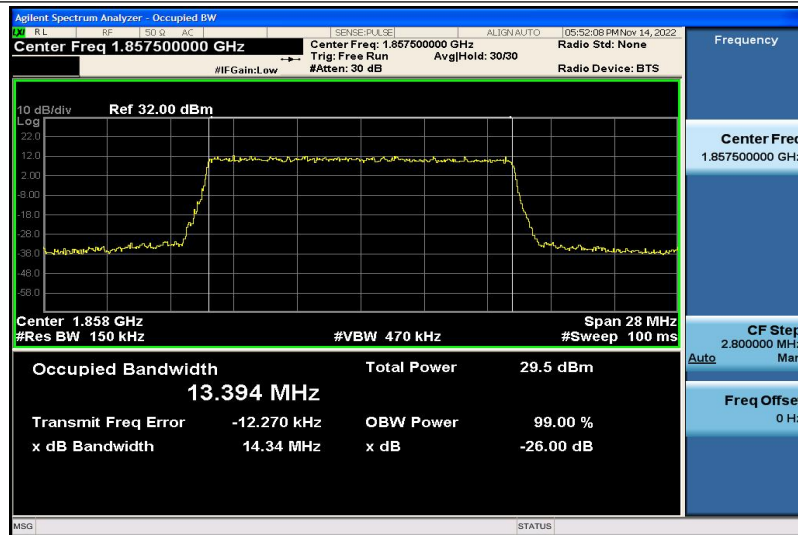
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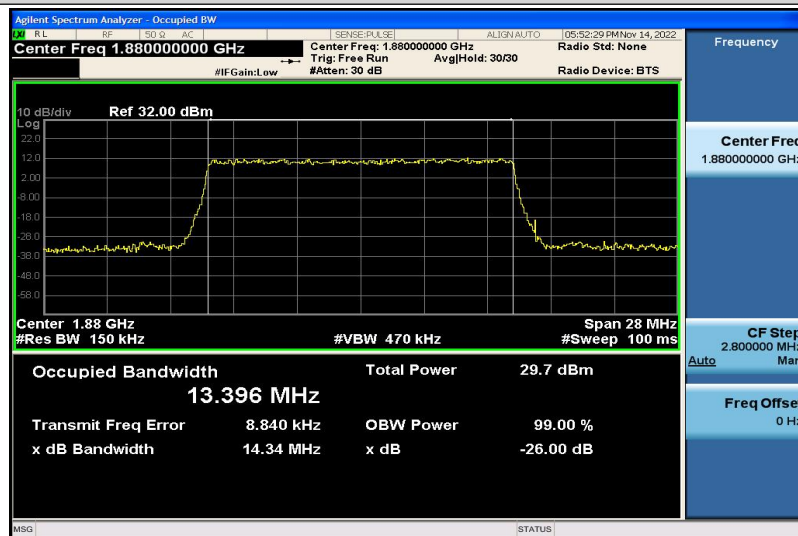
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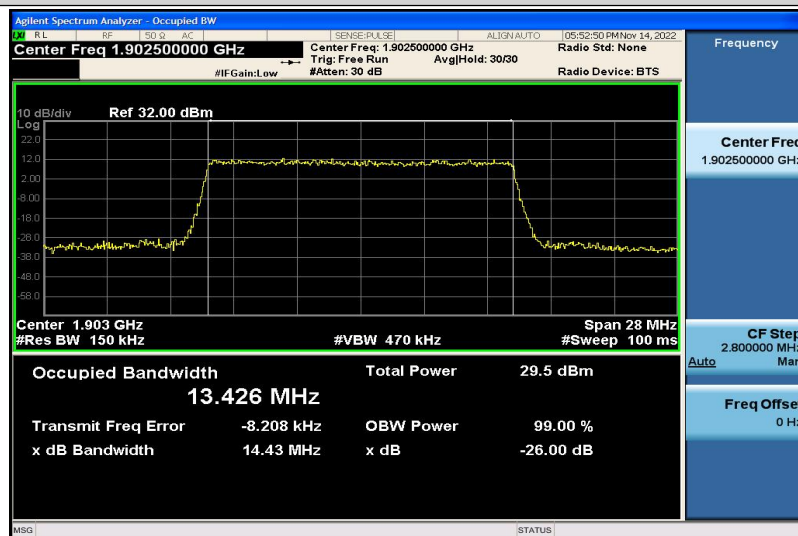
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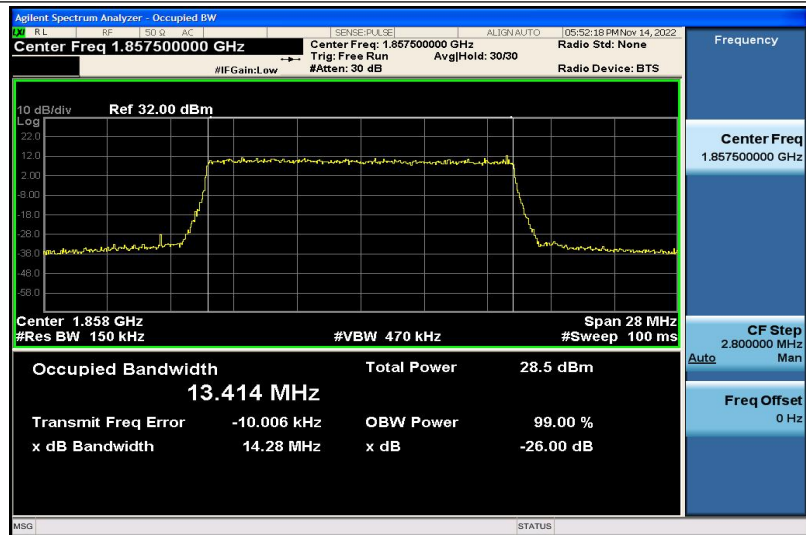
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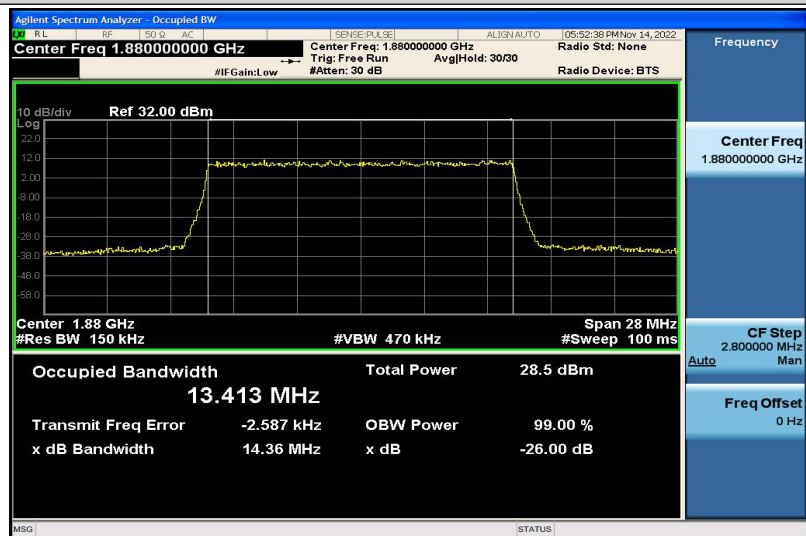
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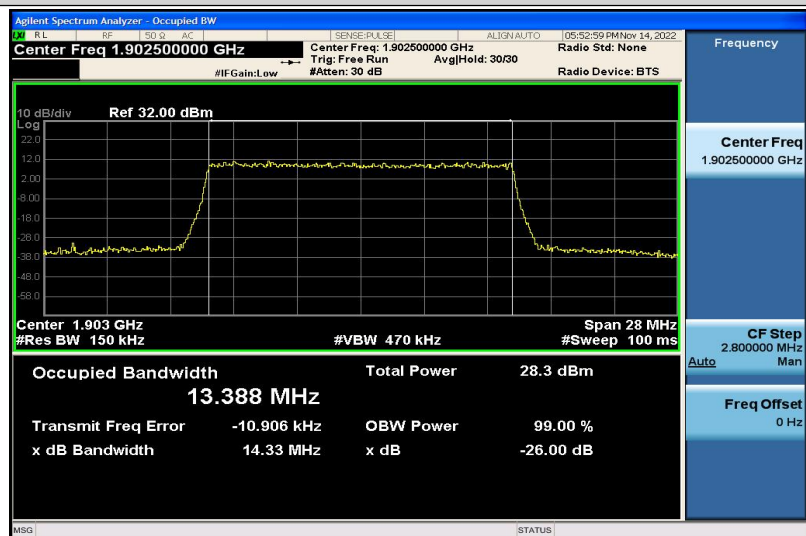
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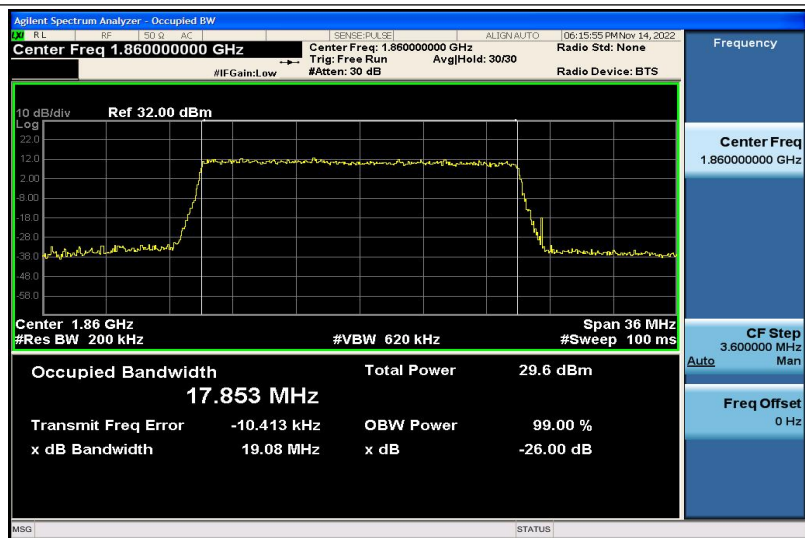
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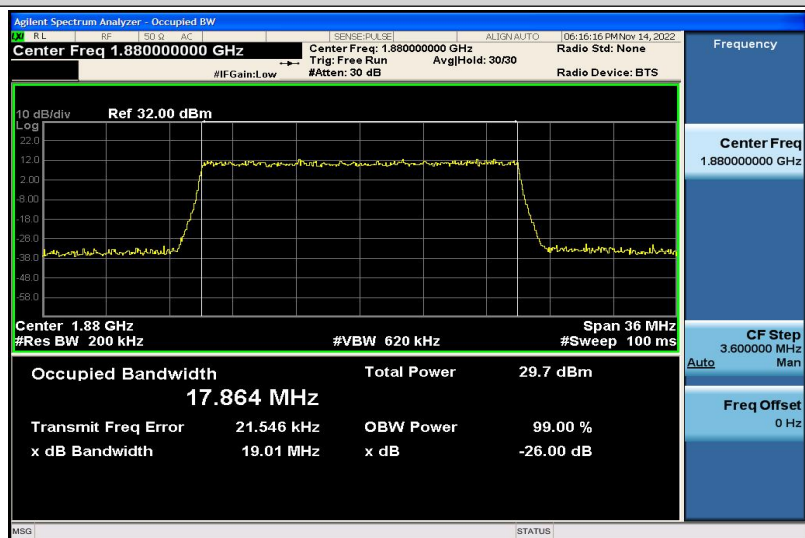
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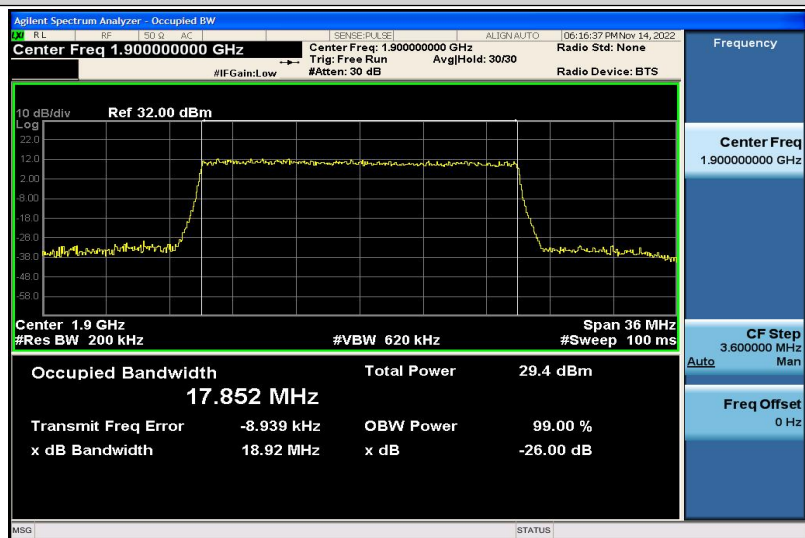
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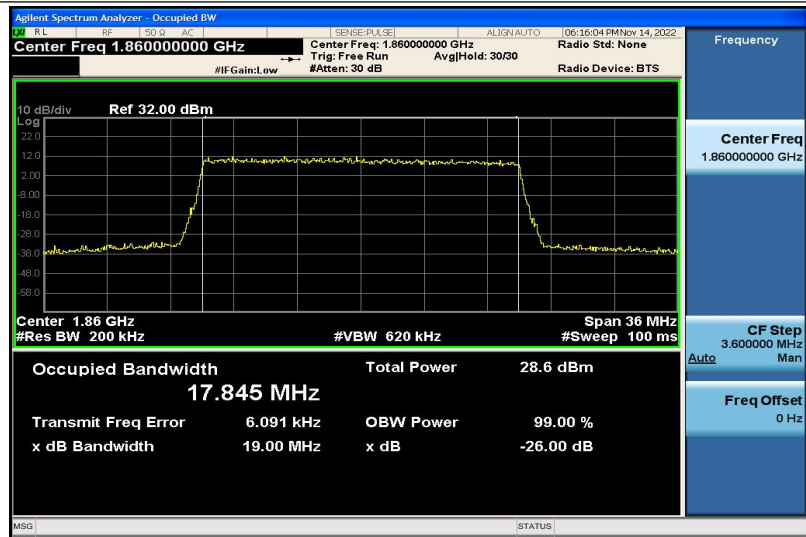
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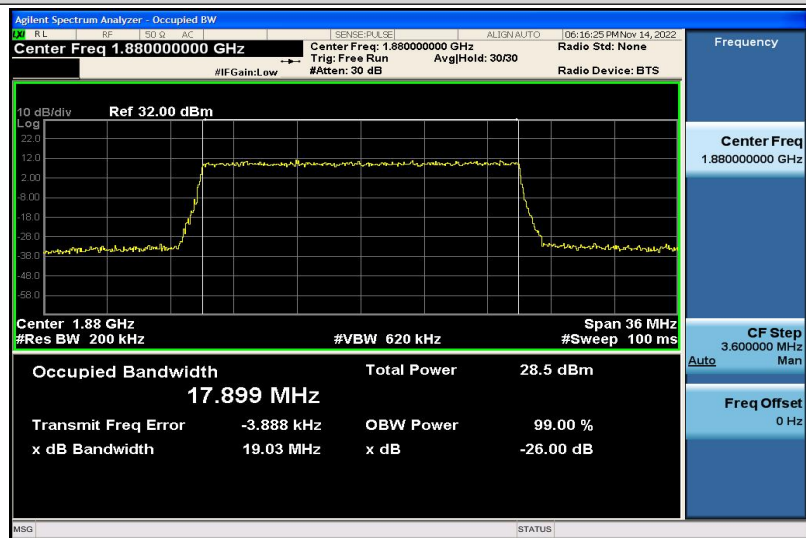
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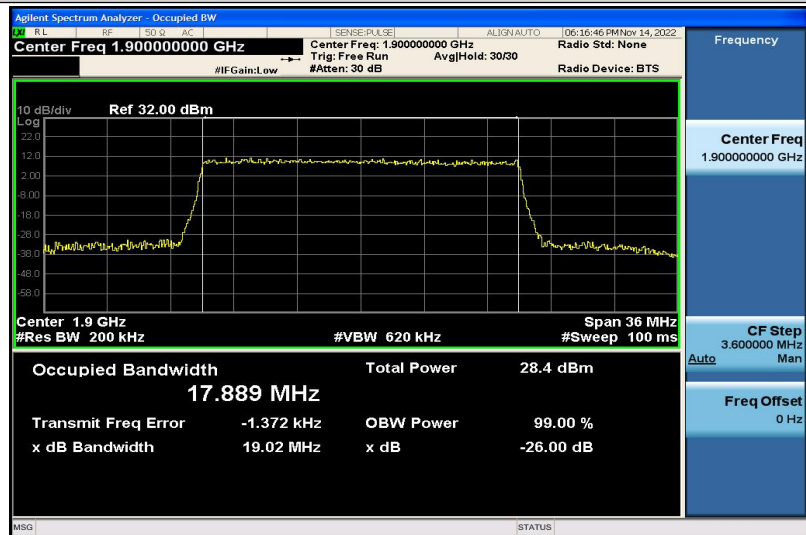
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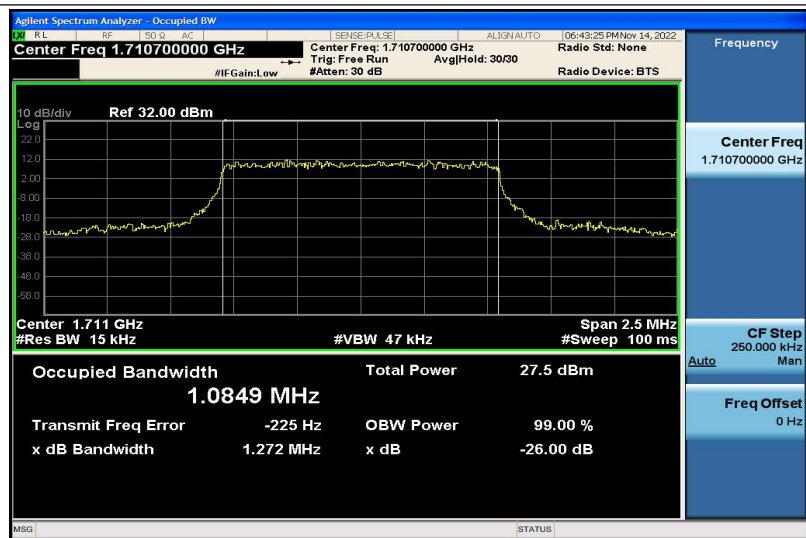
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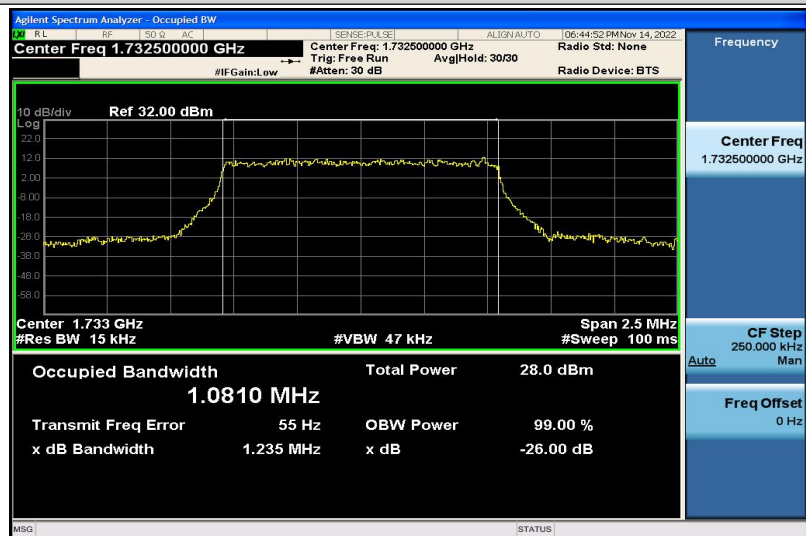
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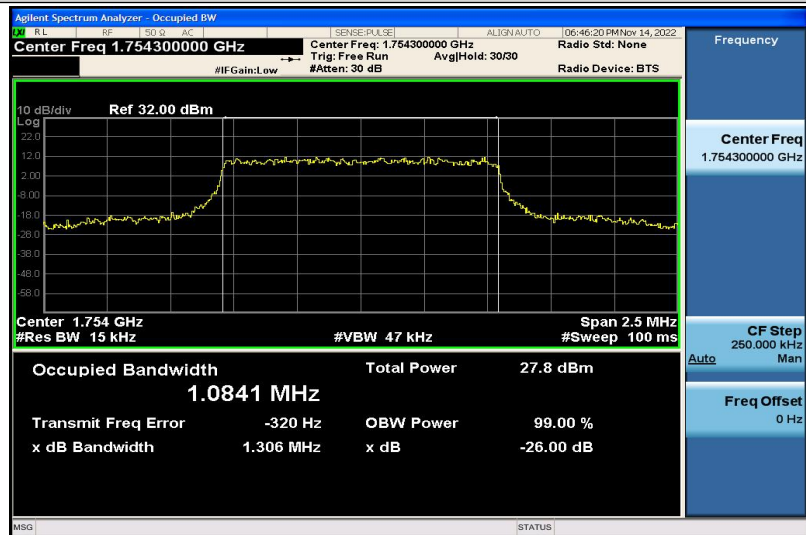
Band2-20MHz-16QAM-19100-100RB#0-17.889



Band4-1.4MHz-QPSK-19957-6RB#0-1.0849



Band4-1.4MHz-QPSK-20175-6RB#0-1.0810



Band4-1.4MHz-QPSK-20393-6RB#0-1.0841