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	1.0791	1.240	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	1.0822	1.242	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1.0844	1.236	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1.0832	1.263	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.0785	1.243	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1.0810	1.240	PASS
Band2	3MHz	QPSK	18615	15RB#0	2.6861	2.945	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.6829	2.932	PASS
Band2	3MHz	QPSK	19185	15RB#0	2.6864	2.921	PASS
Band2	3MHz	16QAM	18615	15RB#0	2.6836	2.927	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.6855	2.934	PASS
Band2	3MHz	16QAM	19185	15RB#0	2.6854	2.936	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.4697	4.890	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.4837	4.926	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.4883	4.932	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.4794	4.935	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.4838	4.926	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.4756	4.905	PASS
Band2	10MHz	QPSK	18650	50RB#0	8.9280	9.697	PASS
Band2	10MHz	QPSK	18900	50RB#0	8.9209	9.621	PASS
Band2	10MHz	QPSK	19150	50RB#0	8.9371	9.746	PASS
Band2	10MHz	16QAM	18650	50RB#0	8.9395	9.682	PASS
Band2	10MHz	16QAM	18900	50RB#0	8.9327	9.619	PASS
Band2	10MHz	16QAM	19150	50RB#0	8.9144	9.695	PASS
Band2	15MHz	QPSK	18675	75RB#0	13.393	14.48	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.349	14.47	PASS
Band2	15MHz	QPSK	19125	75RB#0	13.374	14.45	PASS
Band2	15MHz	16QAM	18675	75RB#0	13.400	14.33	PASS
Band2	15MHz	16QAM	18900	75RB#0	13.368	14.43	PASS
Band2	15MHz	16QAM	19125	75RB#0	13.362	14.45	PASS
Band2	20MHz	QPSK	18700	100RB#0	17.858	19.32	PASS
Band2	20MHz	QPSK	18900	100RB#0	17.811	19.10	PASS
Band2	20MHz	QPSK	19100	100RB#0	17.854	19.12	PASS
Band2	20MHz	16QAM	18700	100RB#0	17.839	19.19	PASS
Band2	20MHz	16QAM	18900	100RB#0	17.839	19.15	PASS
Band2	20MHz	16QAM	19100	100RB#0	17.826	19.03	PASS

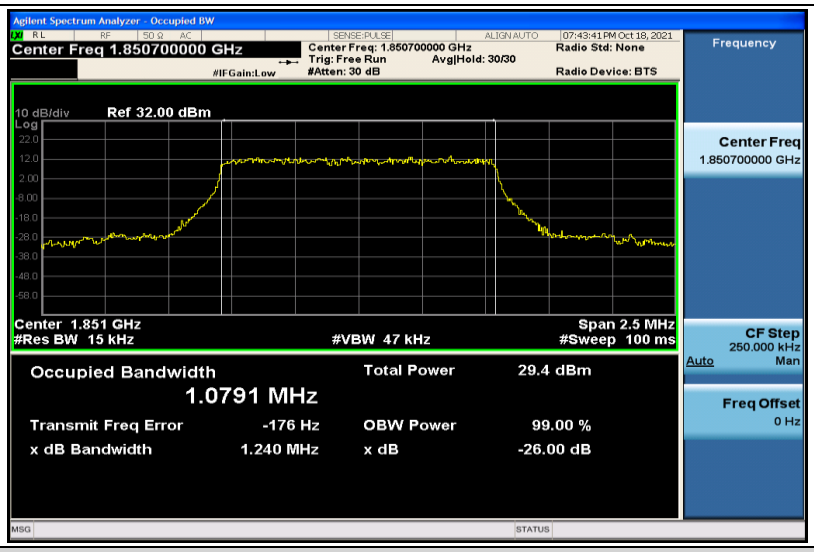
Band4	1.4MHz	QPSK	19957	6RB#0	1.0902	1.321	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.0806	1.279	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.0811	1.282	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.0843	1.326	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.0754	1.238	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.0821	1.288	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.6893	3.003	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.6876	2.930	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.6864	2.930	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.6864	2.956	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.6862	2.918	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.6805	2.953	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.4753	4.945	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.4784	4.901	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.4918	5.000	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.4872	5.031	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.4861	4.931	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.4806	4.926	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.9404	9.664	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.9328	9.669	PASS
Band4	10MHz	QPSK	20350	50RB#0	8.9488	9.933	PASS
Band4	10MHz	16QAM	20000	50RB#0	8.9341	9.672	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.9365	9.646	PASS
Band4	10MHz	16QAM	20350	50RB#0	8.9377	9.752	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.401	14.56	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.376	14.43	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.391	14.48	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.409	14.51	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.402	14.50	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.387	14.54	PASS
Band4	20MHz	QPSK	20050	100RB#0	17.851	19.35	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.853	19.09	PASS
Band4	20MHz	QPSK	20300	100RB#0	17.816	19.01	PASS
Band4	20MHz	16QAM	20050	100RB#0	17.841	19.19	PASS
Band4	20MHz	16QAM	20175	100RB#0	17.845	19.32	PASS
Band4	20MHz	16QAM	20300	100RB#0	17.847	19.13	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	1.0827	1.252	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.0821	1.234	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.0790	1.262	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.0778	1.243	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.0782	1.235	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.0822	1.255	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.6815	2.954	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.6824	2.931	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.6866	2.921	PASS

Band5	3MHz	16QAM	20415	15RB#0	2.6789	2.939	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.6846	2.927	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.6843	2.948	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.4770	4.938	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.4873	4.932	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.4878	4.928	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.4816	4.918	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.4689	4.901	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.4757	4.877	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.9217	9.659	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.9479	9.770	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.9412	9.752	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.9410	9.666	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.9346	9.590	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.9078	9.611	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	1.0786	1.249	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.0802	1.230	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.0806	1.262	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1.0835	1.264	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.0794	1.243	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1.0783	1.225	PASS
Band12	3MHz	QPSK	23025	15RB#0	2.6850	2.955	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.6840	2.929	PASS
Band12	3MHz	QPSK	23165	15RB#0	2.6848	2.923	PASS
Band12	3MHz	16QAM	23025	15RB#0	2.6816	2.938	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.6857	2.915	PASS
Band12	3MHz	16QAM	23165	15RB#0	2.6831	2.951	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.4735	4.918	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.4759	4.921	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.4881	4.956	PASS
Band12	5MHz	16QAM	23035	25RB#0	4.4815	4.946	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.4722	4.913	PASS
Band12	5MHz	16QAM	23155	25RB#0	4.4801	4.906	PASS
Band12	10MHz	QPSK	23060	50RB#0	8.9629	9.742	PASS
Band12	10MHz	QPSK	23095	50RB#0	8.9003	9.582	PASS
Band12	10MHz	QPSK	23130	50RB#0	8.9359	9.718	PASS
Band12	10MHz	16QAM	23060	50RB#0	8.9580	9.630	PASS
Band12	10MHz	16QAM	23095	50RB#0	8.9164	9.586	PASS
Band12	10MHz	16QAM	23130	50RB#0	8.9124	9.638	PASS
Band13	5MHz	QPSK	23205	25RB#0	4.4822	4.914	PASS
Band13	5MHz	QPSK	23230	25RB#0	4.4682	4.880	PASS
Band13	5MHz	QPSK	23255	25RB#0	4.4813	4.929	PASS
Band13	5MHz	16QAM	23205	25RB#0	4.4714	4.905	PASS
Band13	5MHz	16QAM	23230	25RB#0	4.4757	4.936	PASS
Band13	5MHz	16QAM	23255	25RB#0	4.4814	4.917	PASS

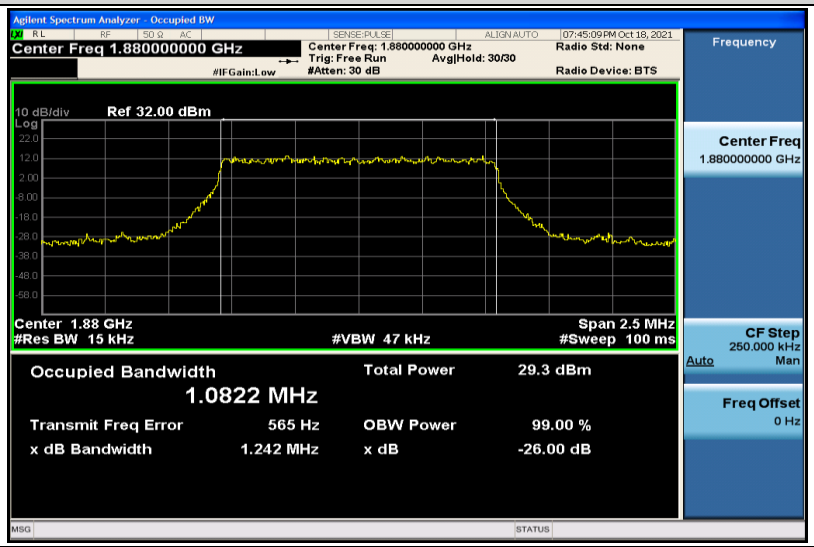
Band13	10MHz	QPSK	23230	50RB#0	8.9216	9.627	PASS
Band13	10MHz	16QAM	23230	50RB#0	8.9082	9.584	PASS
Band17	5MHz	QPSK	23755	25RB#0	4.4678	4.899	PASS
Band17	5MHz	QPSK	23790	25RB#0	4.4714	4.881	PASS
Band17	5MHz	QPSK	23825	25RB#0	4.4846	4.939	PASS
Band17	5MHz	16QAM	23755	25RB#0	4.4736	4.925	PASS
Band17	5MHz	16QAM	23790	25RB#0	4.4791	4.897	PASS
Band17	5MHz	16QAM	23825	25RB#0	4.4779	4.928	PASS
Band17	10MHz	QPSK	23780	50RB#0	8.8972	9.605	PASS
Band17	10MHz	QPSK	23790	50RB#0	8.8909	9.513	PASS
Band17	10MHz	QPSK	23800	50RB#0	8.9298	9.744	PASS
Band17	10MHz	16QAM	23780	50RB#0	8.8943	9.637	PASS
Band17	10MHz	16QAM	23790	50RB#0	8.8999	9.662	PASS
Band17	10MHz	16QAM	23800	50RB#0	8.9154	9.633	PASS
Band66	1.4MHz	QPSK	131979	6RB#0	1.0812	1.342	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	1.0862	1.284	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	1.0839	1.245	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	1.0867	1.286	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	1.0827	1.266	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	1.0796	1.250	PASS
Band66	3MHz	QPSK	131987	15RB#0	2.6902	2.955	PASS
Band66	3MHz	QPSK	132322	15RB#0	2.6882	2.922	PASS
Band66	3MHz	QPSK	132657	15RB#0	2.6876	2.923	PASS
Band66	3MHz	16QAM	131987	15RB#0	2.6838	2.965	PASS
Band66	3MHz	16QAM	132322	15RB#0	2.6871	2.945	PASS
Band66	3MHz	16QAM	132657	15RB#0	2.6852	2.961	PASS
Band66	5MHz	QPSK	131997	25RB#0	4.4755	4.938	PASS
Band66	5MHz	QPSK	132322	25RB#0	4.4881	4.995	PASS
Band66	5MHz	QPSK	132647	25RB#0	4.4844	4.959	PASS
Band66	5MHz	16QAM	131997	25RB#0	4.4840	4.977	PASS
Band66	5MHz	16QAM	132322	25RB#0	4.4901	4.971	PASS
Band66	5MHz	16QAM	132647	25RB#0	4.4711	4.920	PASS
Band66	10MHz	QPSK	132022	50RB#0	8.9242	9.622	PASS
Band66	10MHz	QPSK	132322	50RB#0	8.9288	9.719	PASS
Band66	10MHz	QPSK	132622	50RB#0	8.9346	9.777	PASS
Band66	10MHz	16QAM	132022	50RB#0	8.9349	9.695	PASS
Band66	10MHz	16QAM	132322	50RB#0	8.9323	9.673	PASS
Band66	10MHz	16QAM	132622	50RB#0	8.9235	9.630	PASS
Band66	15MHz	QPSK	132047	75RB#0	13.391	14.53	PASS
Band66	15MHz	QPSK	132322	75RB#0	13.353	14.56	PASS
Band66	15MHz	QPSK	132597	75RB#0	13.380	14.46	PASS
Band66	15MHz	16QAM	132047	75RB#0	13.403	14.53	PASS
Band66	15MHz	16QAM	132322	75RB#0	13.378	14.45	PASS
Band66	15MHz	16QAM	132597	75RB#0	13.376	14.43	PASS
Band66	20MHz	QPSK	132072	100RB#0	17.845	19.28	PASS

Band66	20MHz	QPSK	132322	100RB#0	17.806	19.05	PASS
Band66	20MHz	QPSK	132572	100RB#0	17.807	19.06	PASS
Band66	20MHz	16QAM	132072	100RB#0	17.829	19.15	PASS
Band66	20MHz	16QAM	132322	100RB#0	17.835	19.09	PASS
Band66	20MHz	16QAM	132572	100RB#0	17.878	19.22	PASS
Band71	5MHz	QPSK	133147	25RB#0	4.4980	4.990	PASS
Band71	5MHz	QPSK	133297	25RB#0	4.4905	4.995	PASS
Band71	5MHz	QPSK	133447	25RB#0	4.5012	5.028	PASS
Band71	5MHz	16QAM	133147	25RB#0	4.4780	4.958	PASS
Band71	5MHz	16QAM	133297	25RB#0	4.5116	5.026	PASS
Band71	5MHz	16QAM	133447	25RB#0	4.5149	5.020	PASS
Band71	10MHz	QPSK	133172	50RB#0	8.9092	9.656	PASS
Band71	10MHz	QPSK	133297	50RB#0	8.8998	9.647	PASS
Band71	10MHz	QPSK	133422	50RB#0	8.9420	9.736	PASS
Band71	10MHz	16QAM	133172	50RB#0	8.9104	9.667	PASS
Band71	10MHz	16QAM	133297	50RB#0	8.9184	9.627	PASS
Band71	10MHz	16QAM	133422	50RB#0	8.9307	9.639	PASS
Band71	15MHz	QPSK	133197	75RB#0	13.478	14.69	PASS
Band71	15MHz	QPSK	133297	75RB#0	13.342	14.65	PASS
Band71	15MHz	QPSK	133397	75RB#0	13.478	14.80	PASS
Band71	15MHz	16QAM	133197	75RB#0	13.490	14.71	PASS
Band71	15MHz	16QAM	133297	75RB#0	13.364	14.64	PASS
Band71	15MHz	16QAM	133397	75RB#0	13.497	14.76	PASS
Band71	20MHz	QPSK	133222	100RB#0	17.869	19.27	PASS
Band71	20MHz	QPSK	133322	100RB#0	17.772	19.07	PASS
Band71	20MHz	QPSK	133372	100RB#0	17.902	19.25	PASS
Band71	20MHz	16QAM	133222	100RB#0	17.880	19.29	PASS
Band71	20MHz	16QAM	133322	100RB#0	17.799	19.28	PASS
Band71	20MHz	16QAM	133372	100RB#0	17.906	19.37	PASS

Test Graphs



Band2-1.4MHz-QPSK-18607-6RB#0-1.0791



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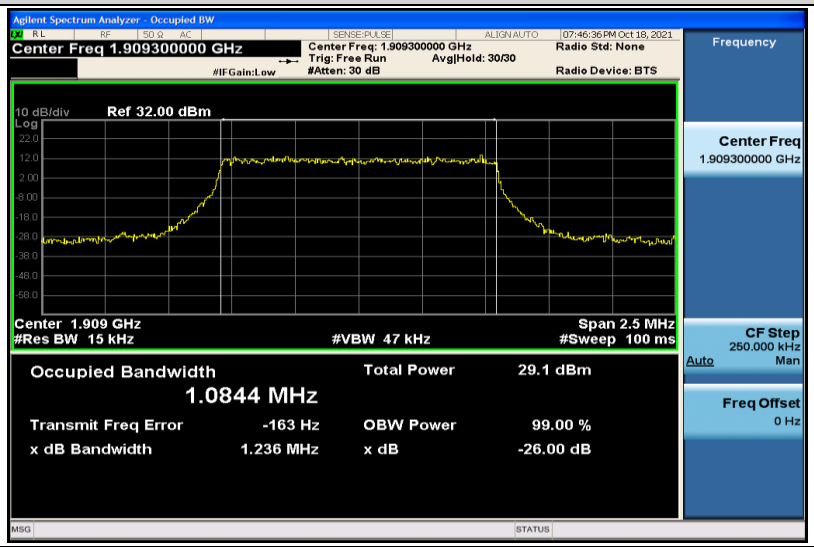

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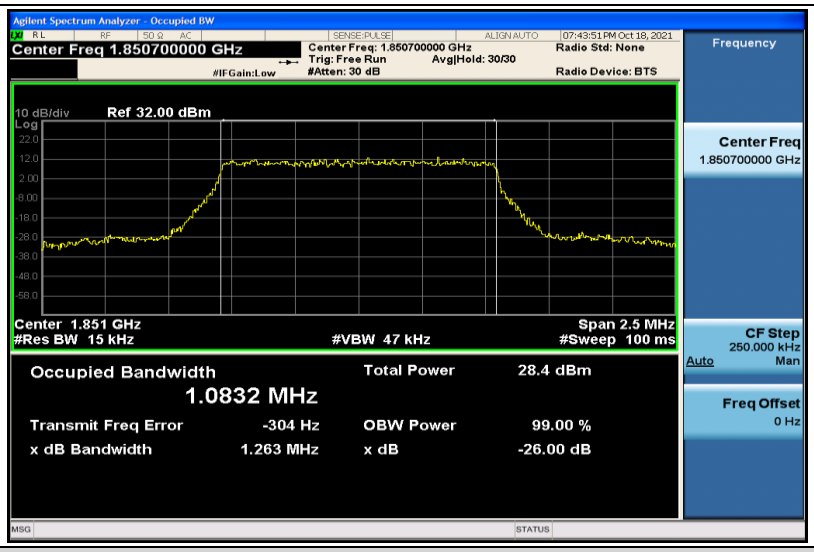

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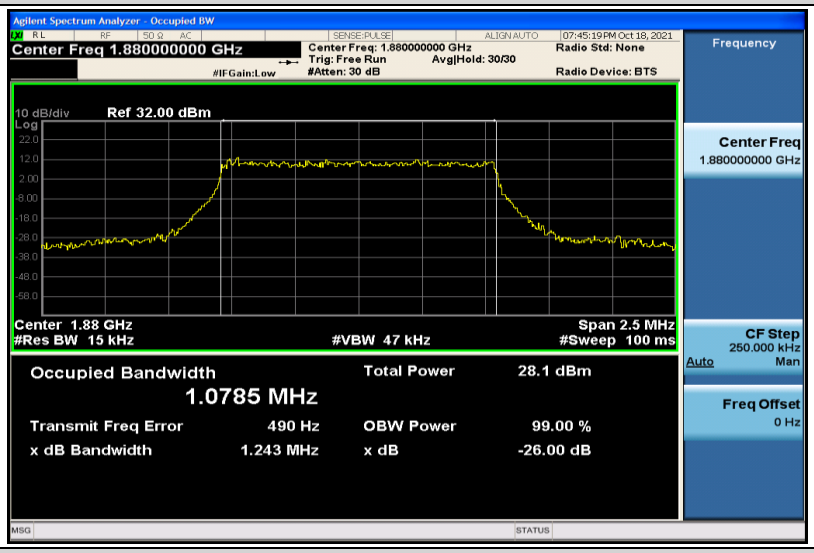

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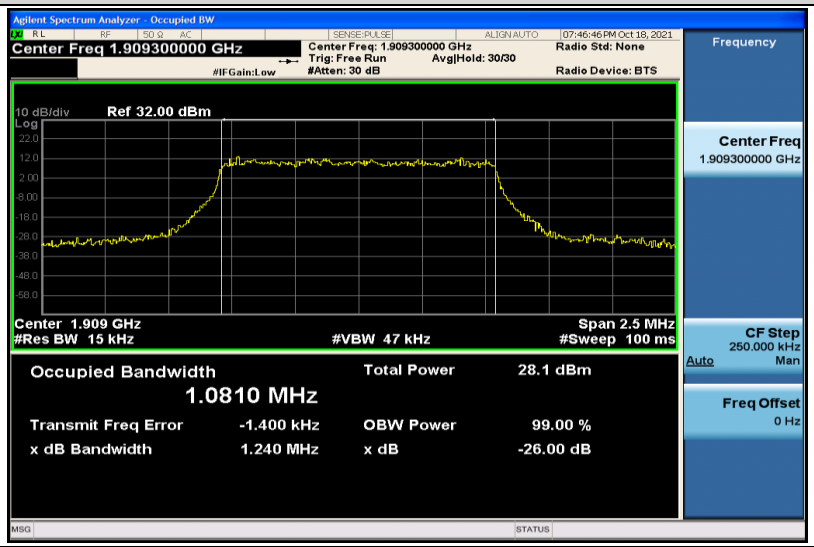

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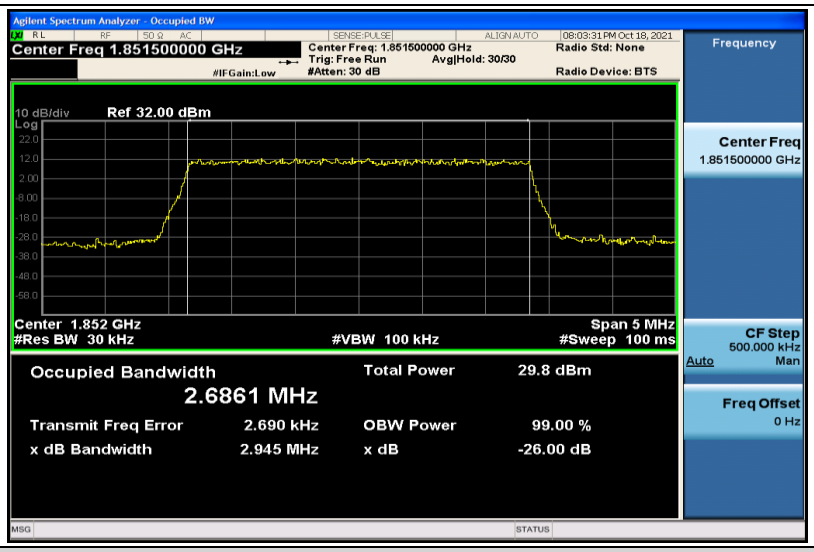

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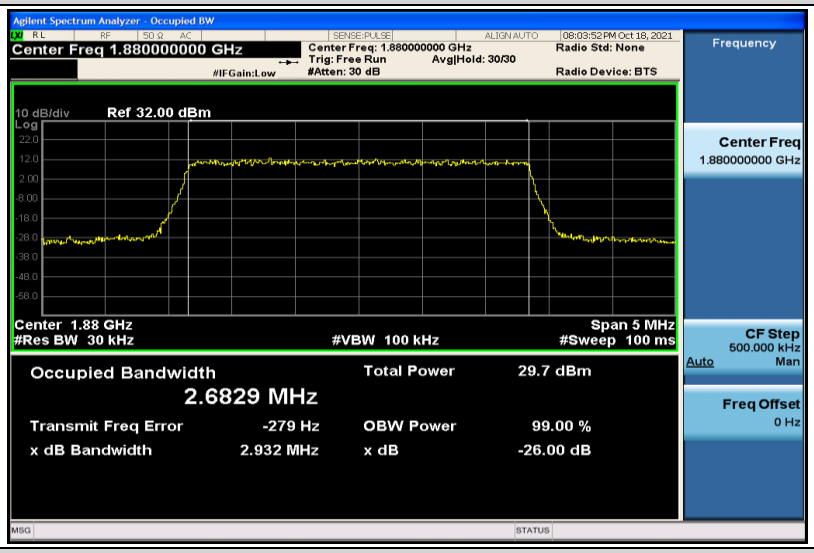

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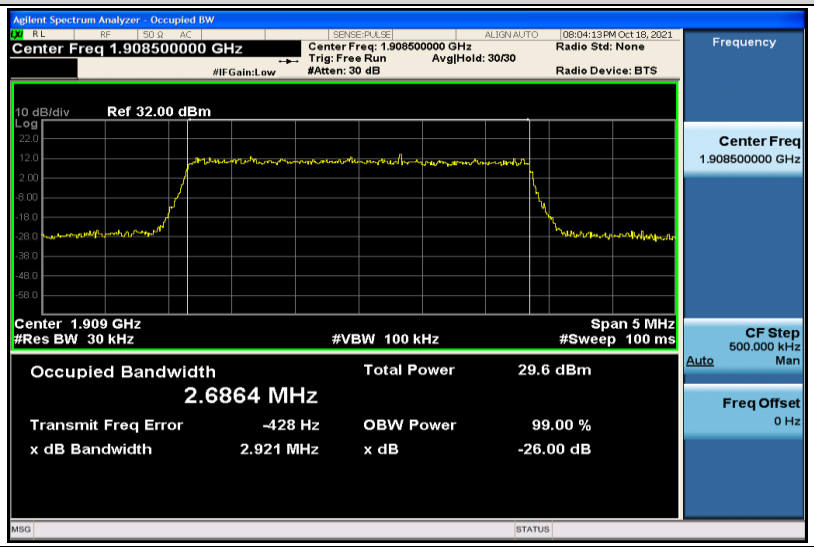
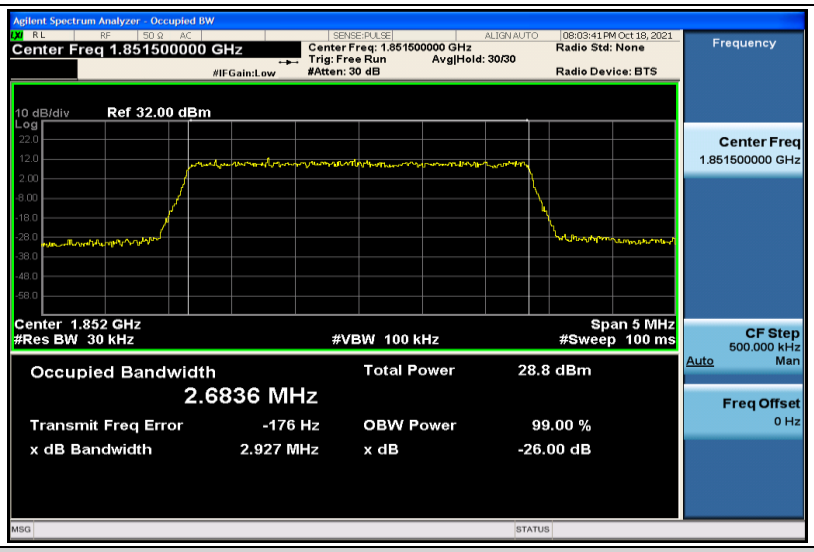
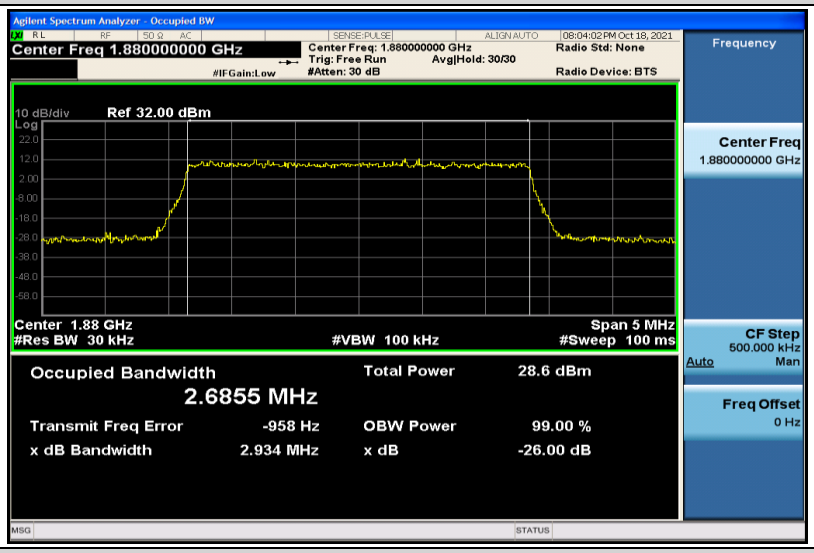


Band2-3MHz-QPSK-19185-15RB#0-2.6864



Band2-3MHz-16QAM-18615-15RB#0-2.6836



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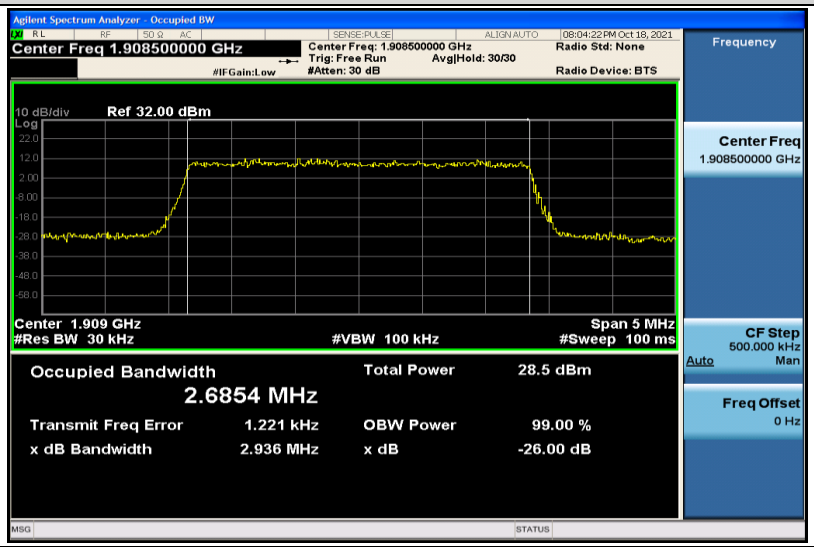
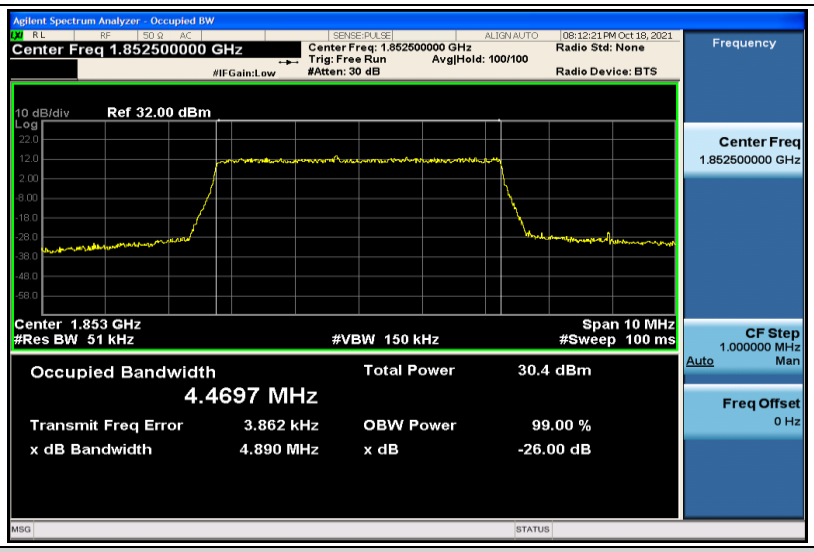
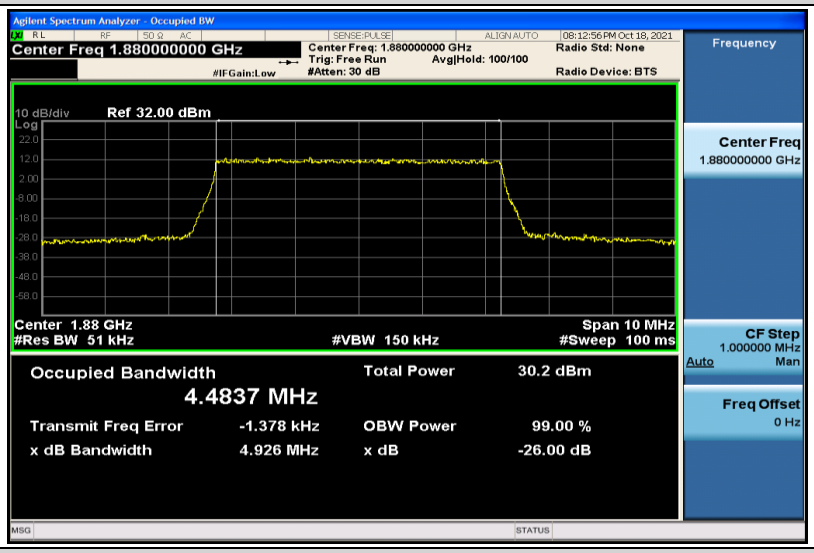


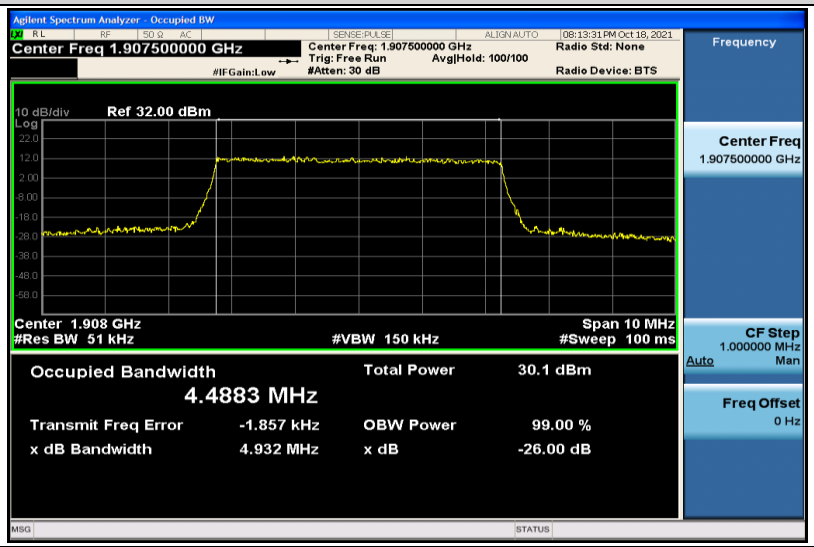
Band2-3MHz-16QAM-19185-15RB#0-2.6854



Band2-5MHz-QPSK-18625-25RB#0-4.4697



Band2-5MHz-QPSK-18900-25RB#0-4.4837



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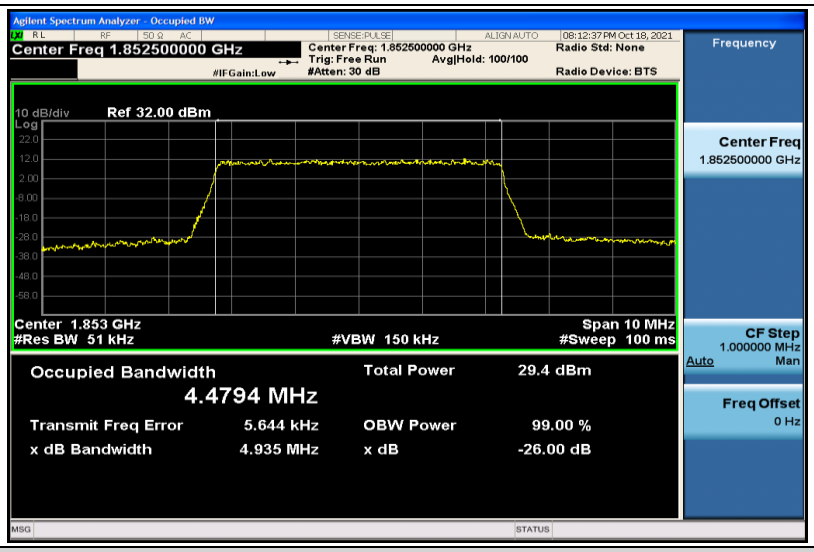

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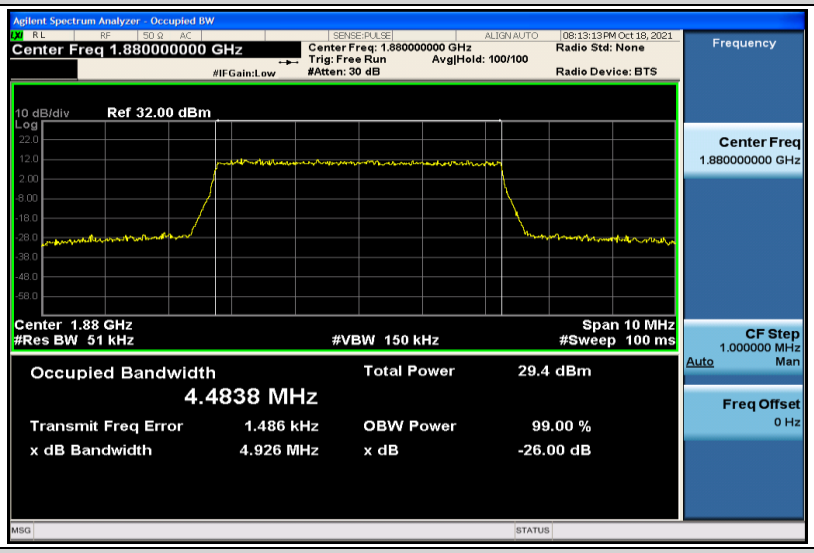

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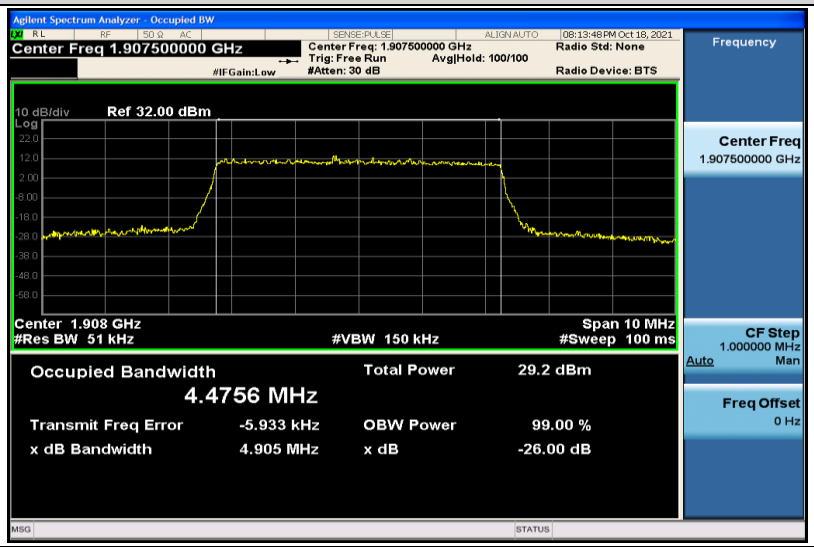

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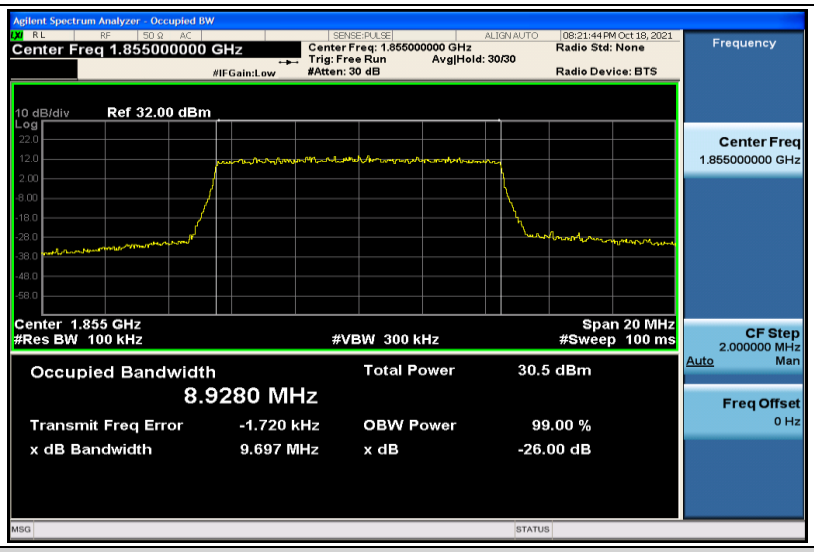
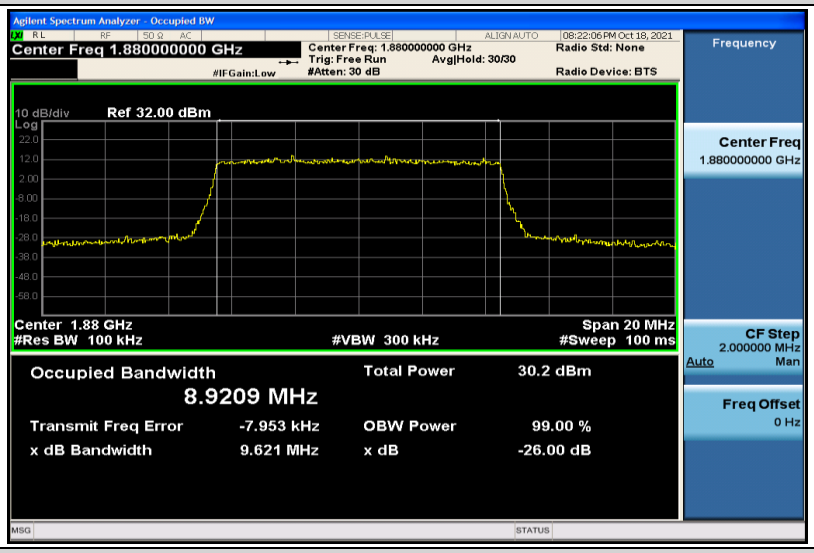


Band2-10MHz-QPSK-18650-50RB#0-8.9280



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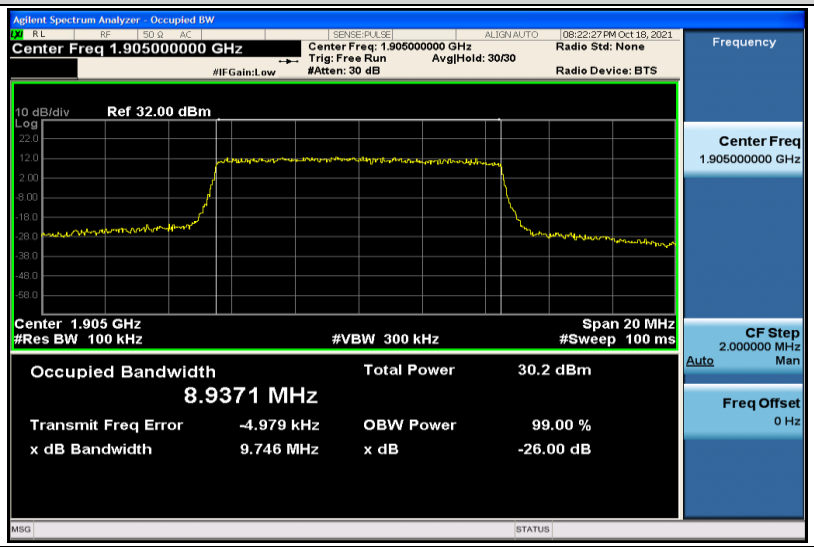

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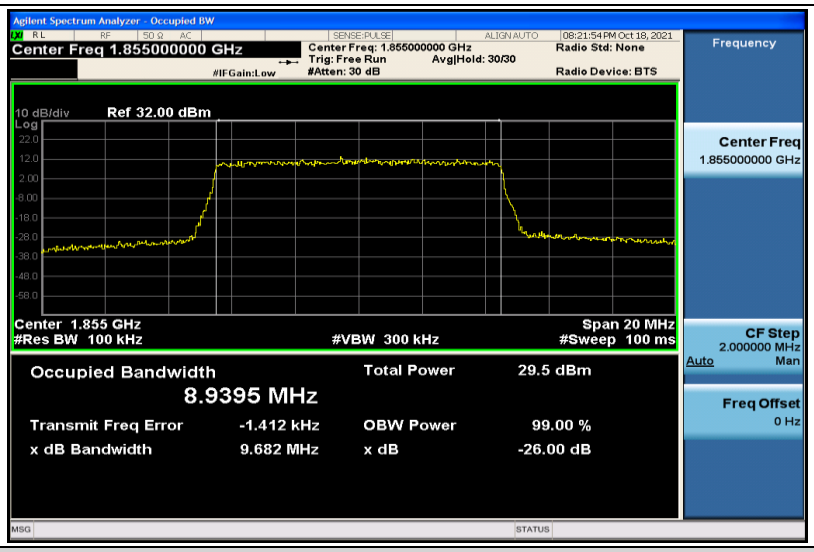

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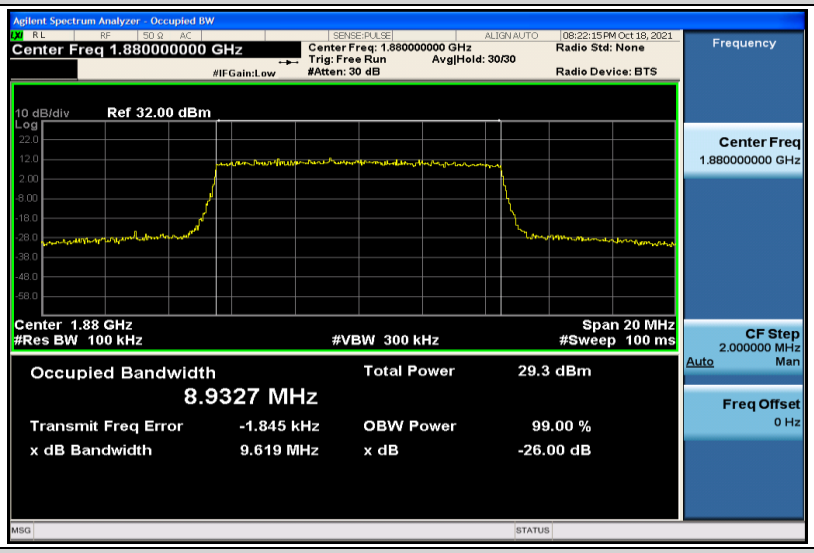

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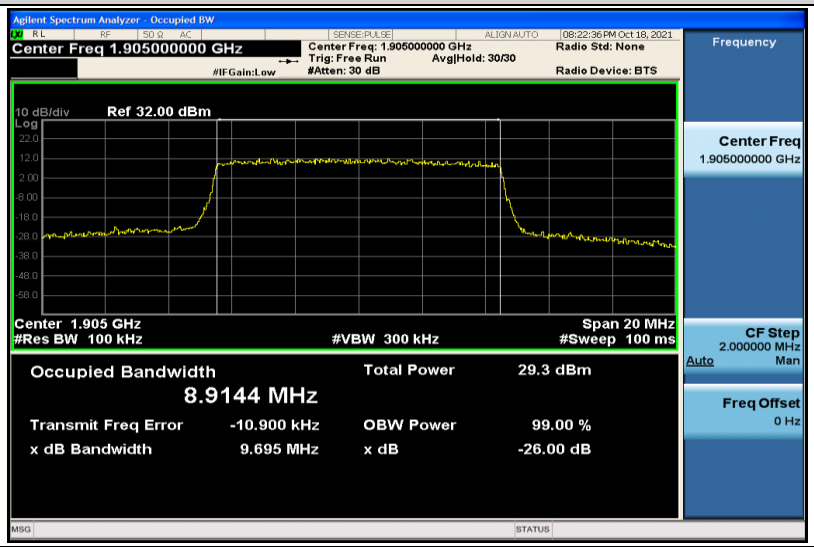

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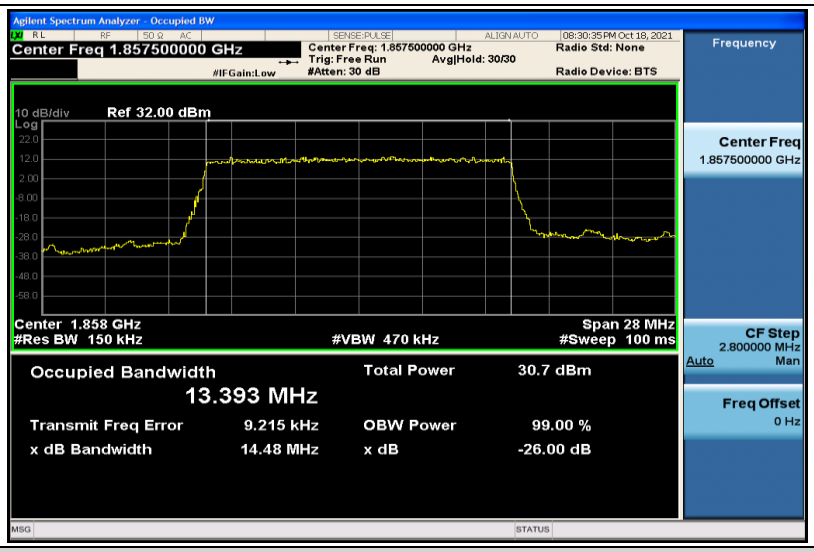
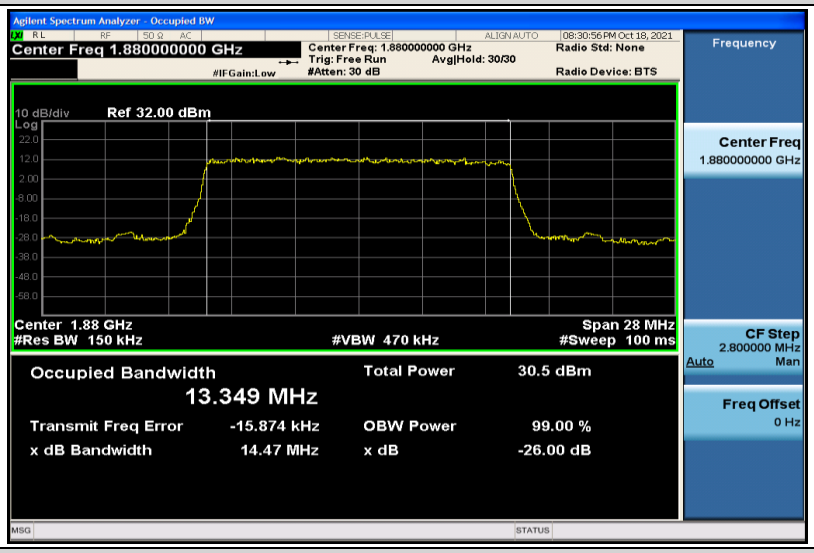


Band2-15MHz-QPSK-18675-75RB#0-13.393



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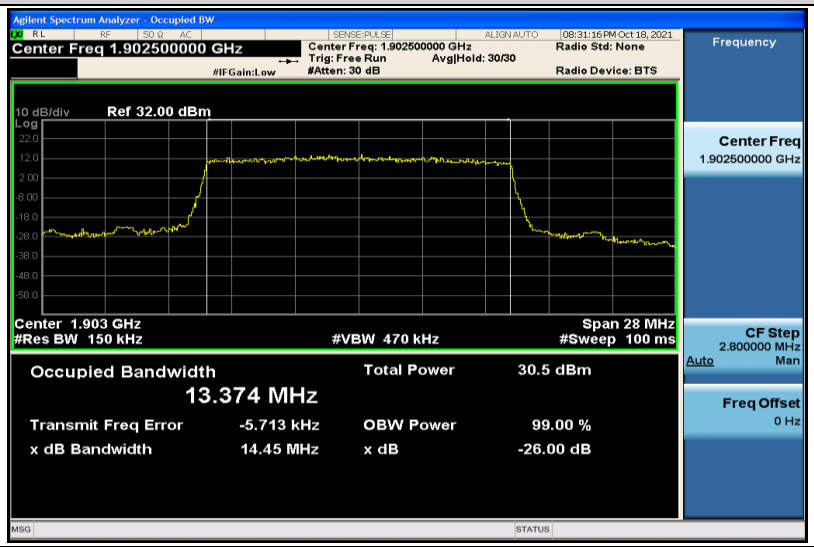

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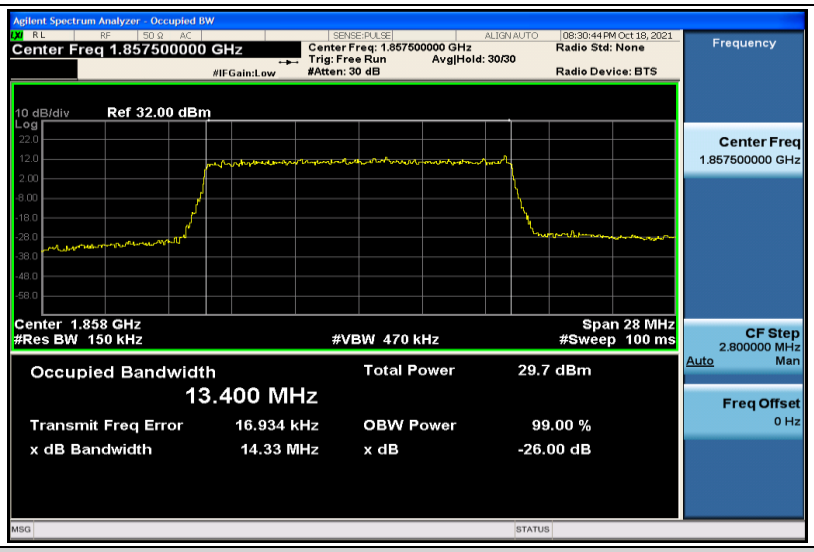

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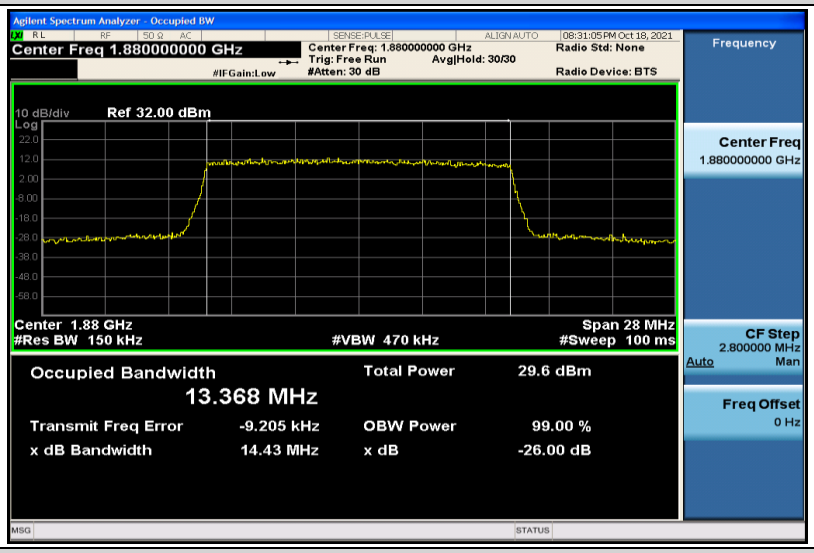

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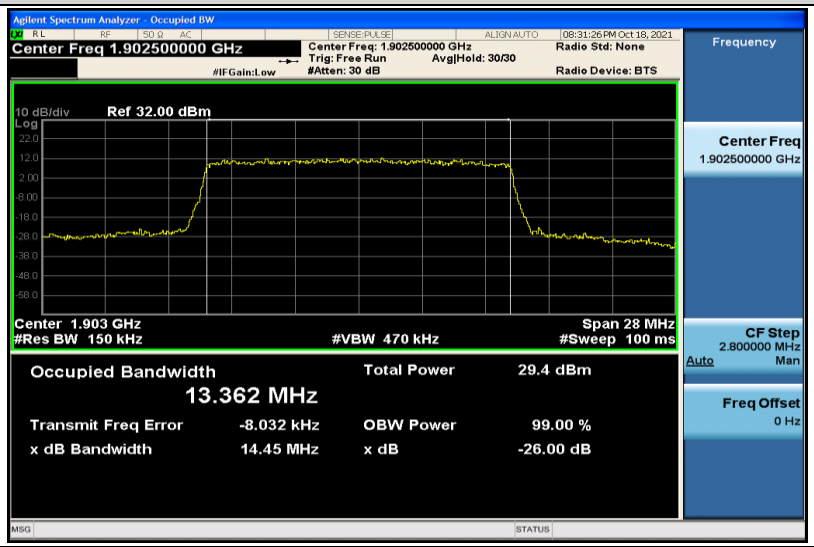

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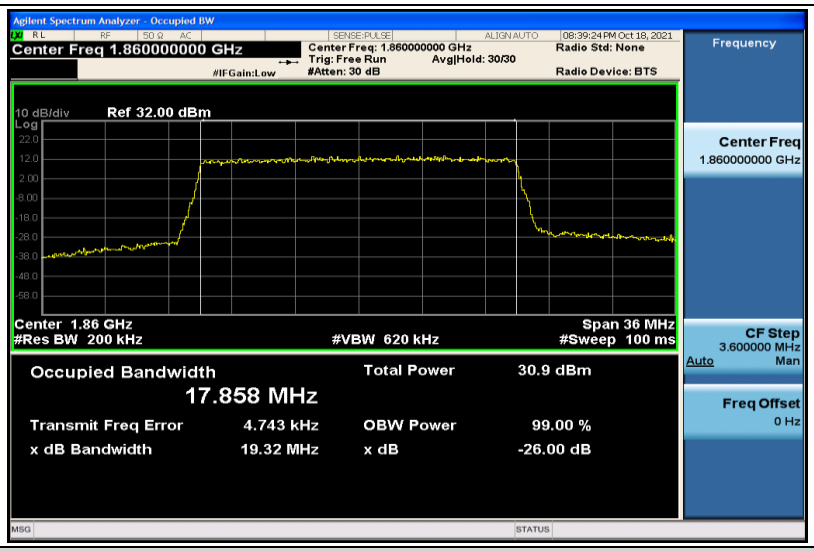

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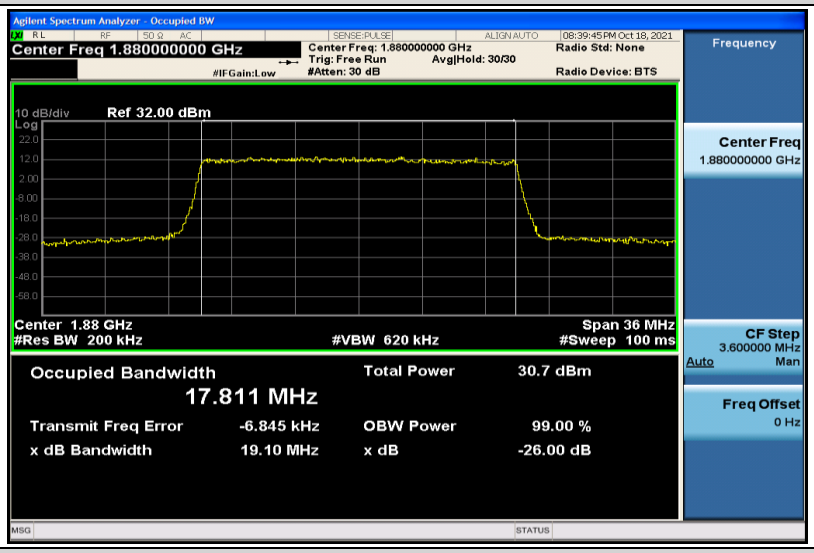

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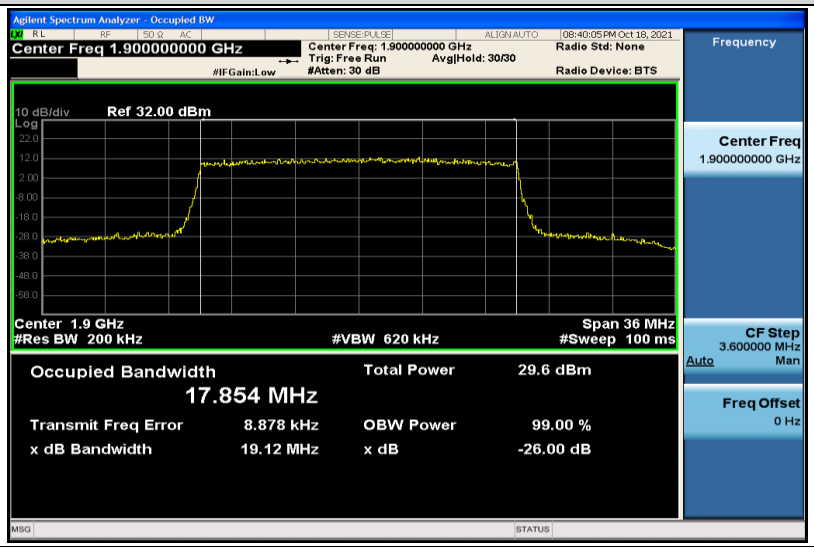

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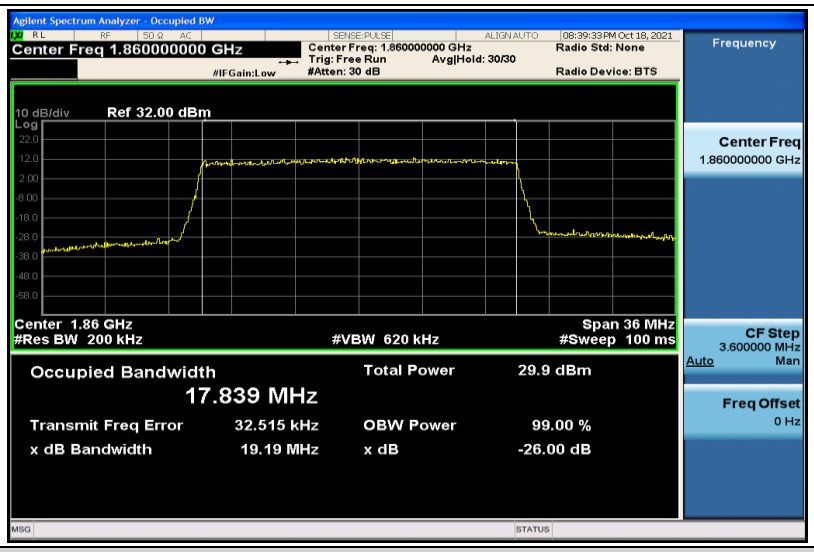

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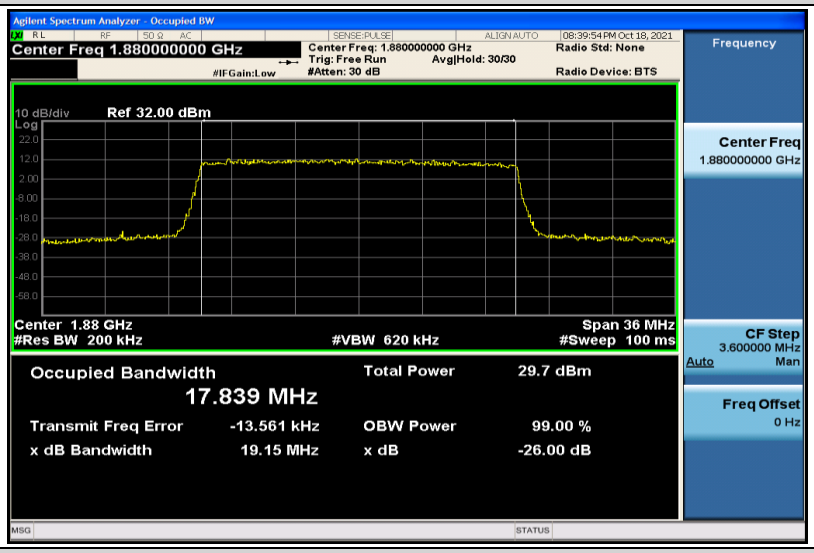

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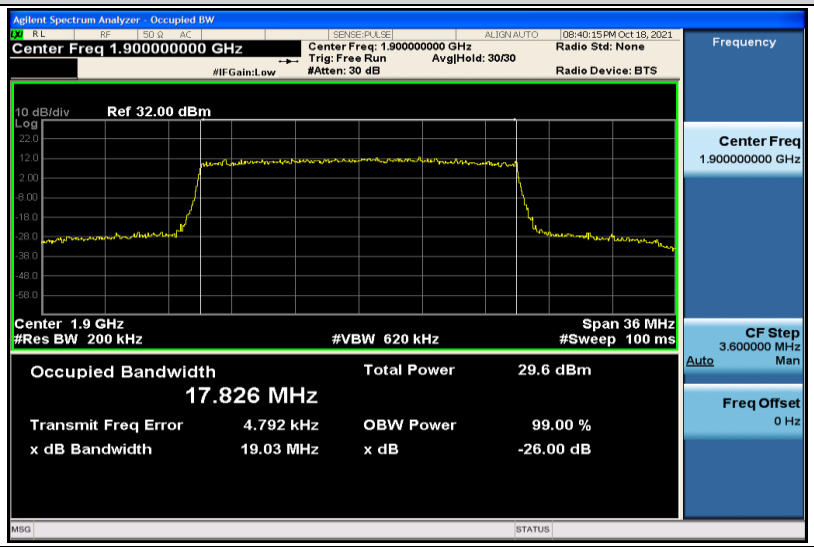

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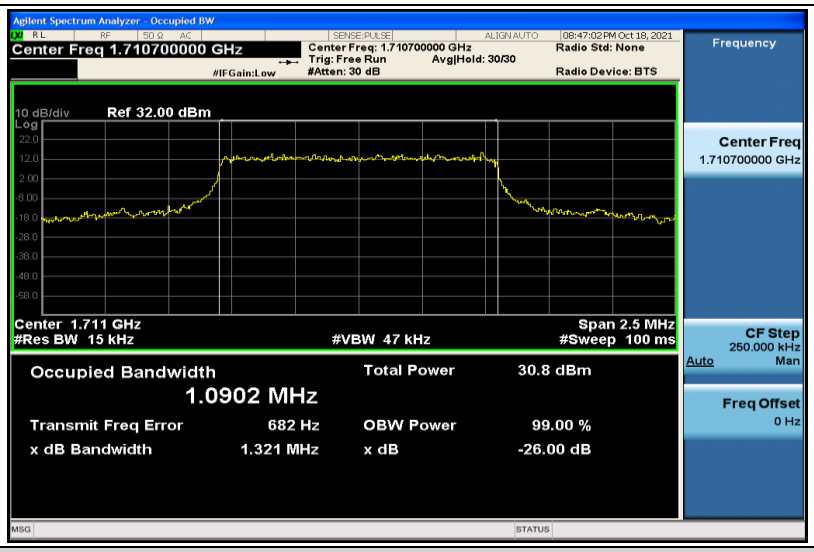

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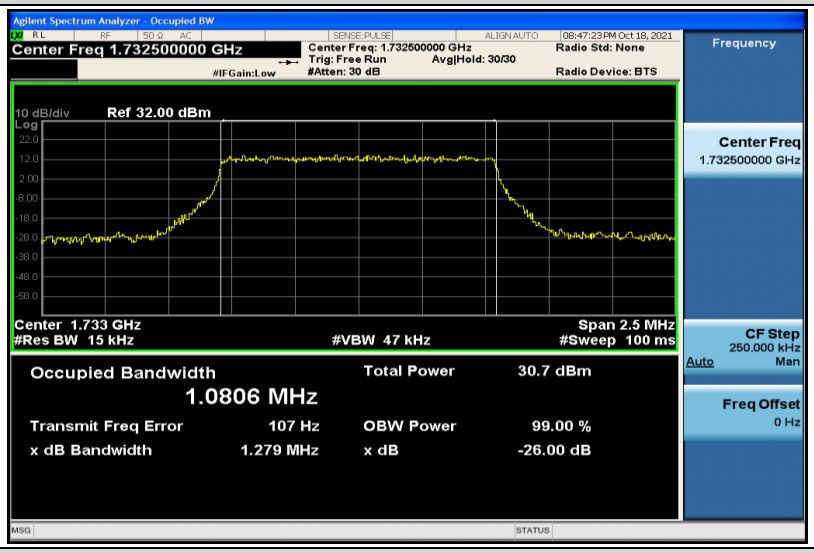

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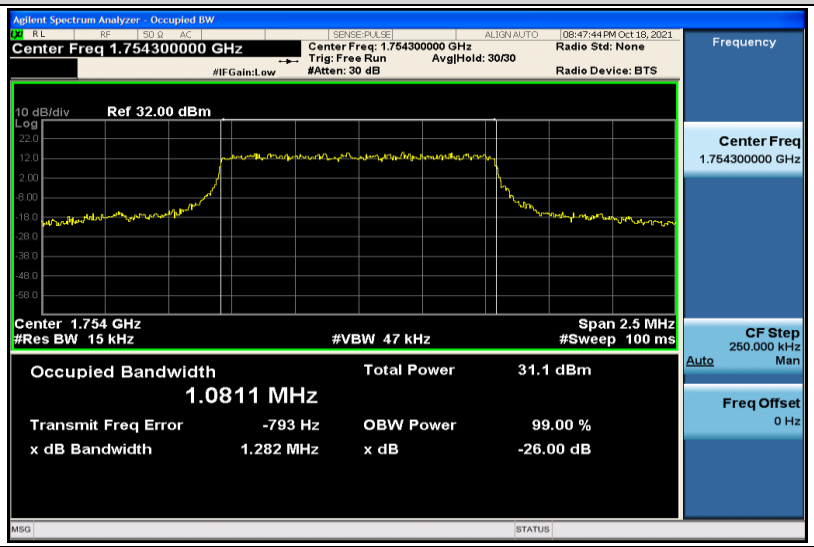

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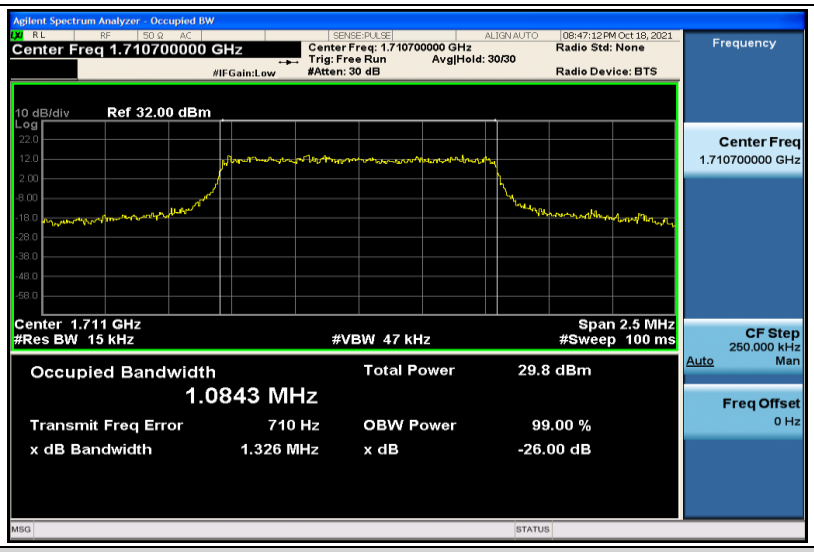

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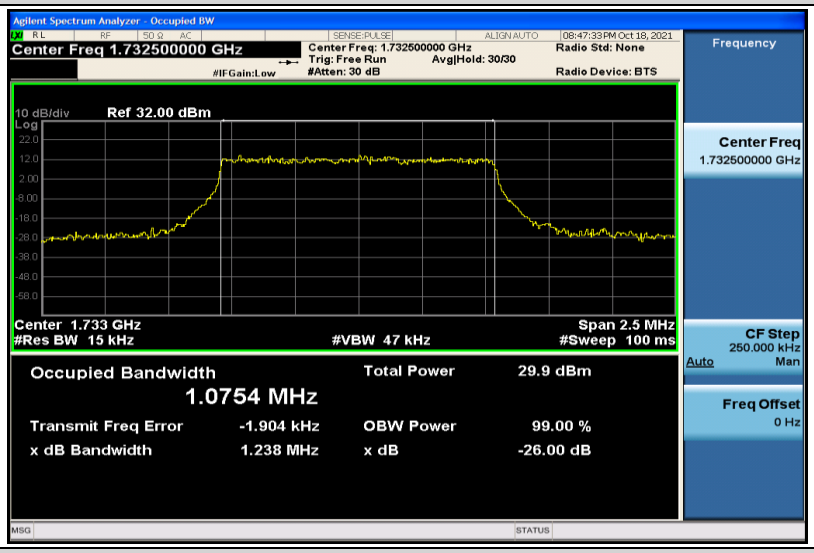

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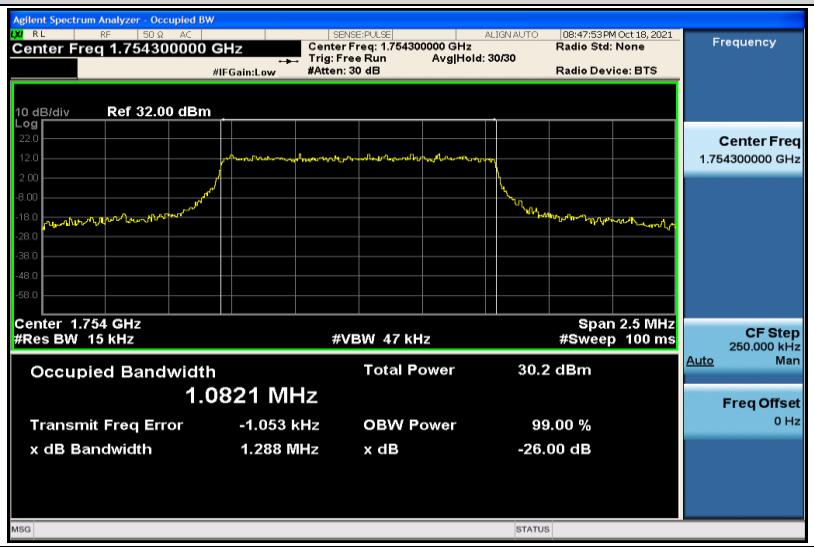

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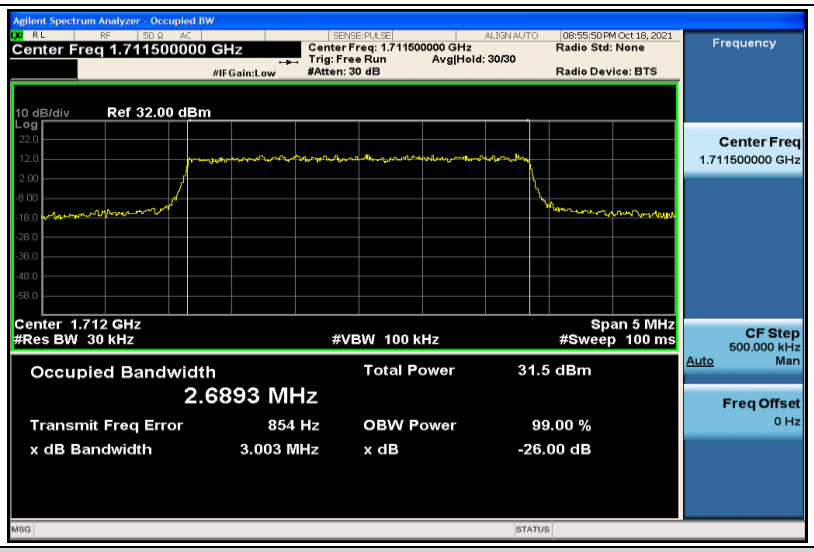
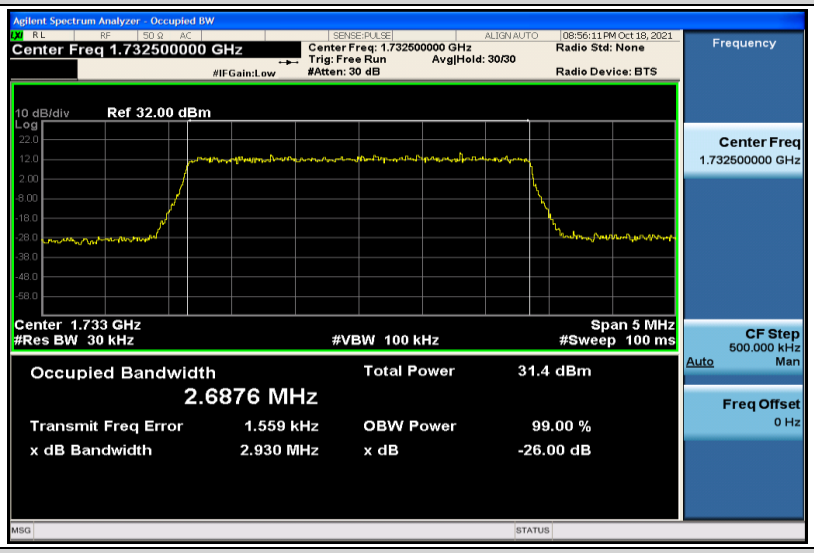


Band4-3MHz-QPSK-19965-15RB#0-2.6893



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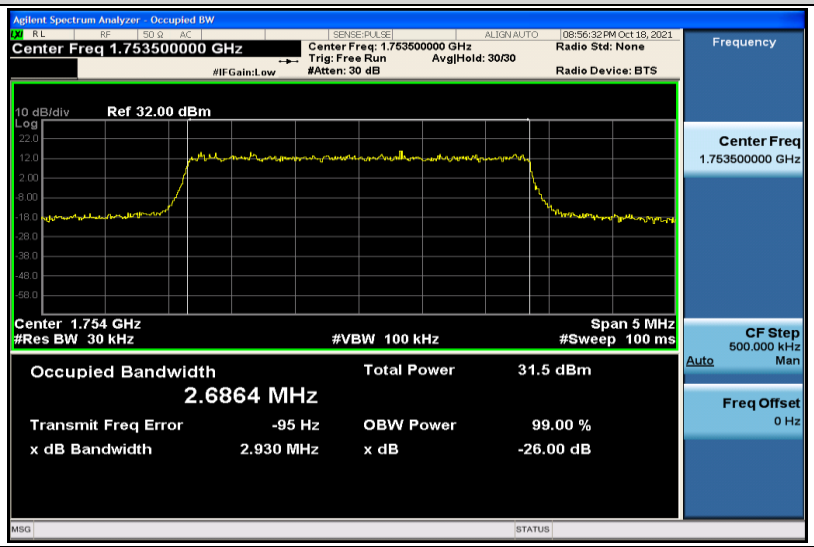
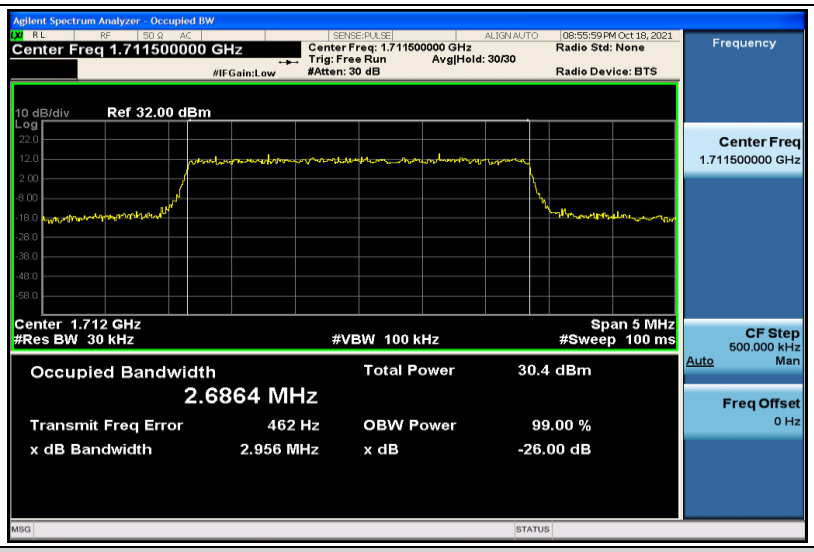
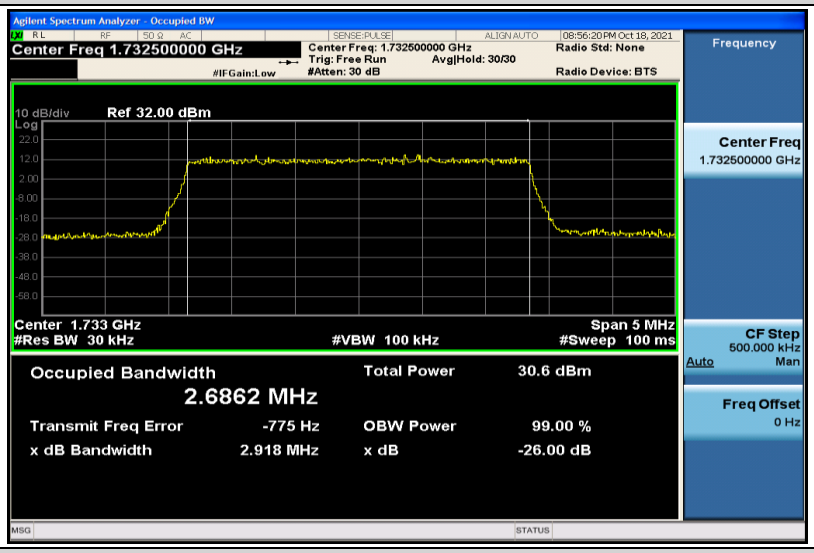


Band4-3MHz-QPSK-20385-15RB#0-2.6864



Band4-3MHz-16QAM-19965-15RB#0-2.6864



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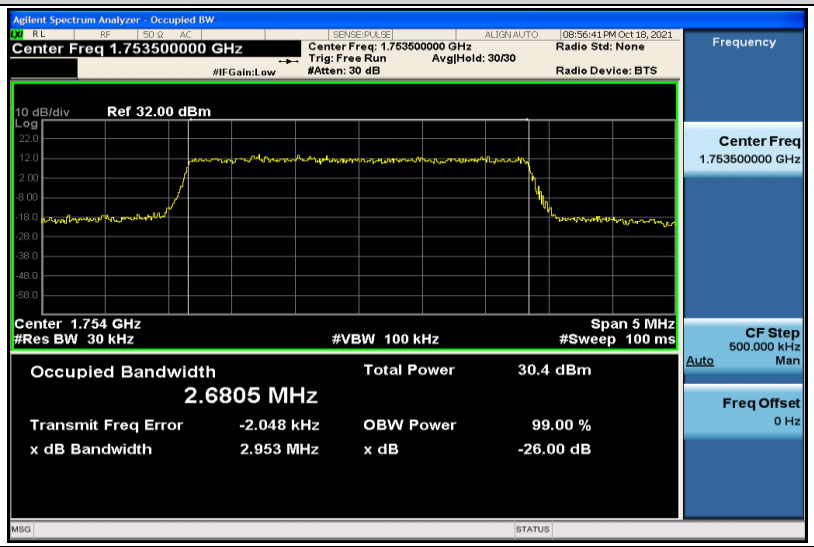

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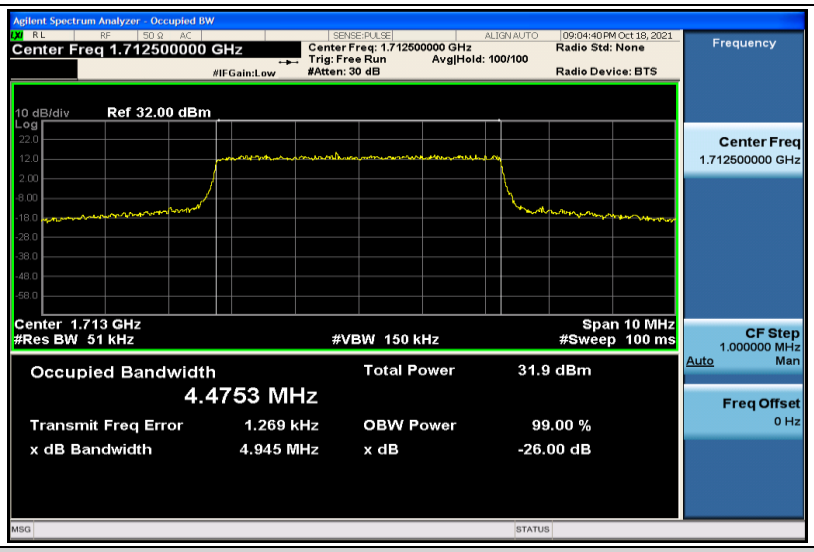
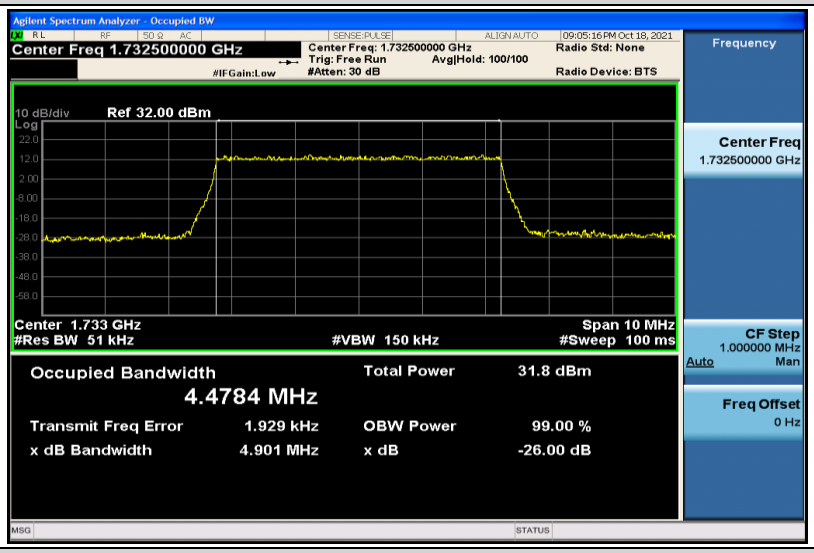


Band4-5MHz-QPSK-19975-25RB#0-4.4753



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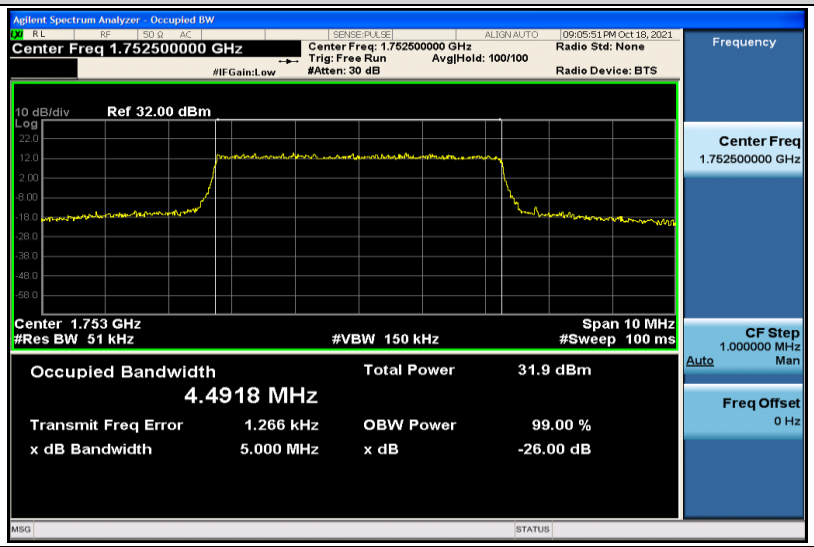

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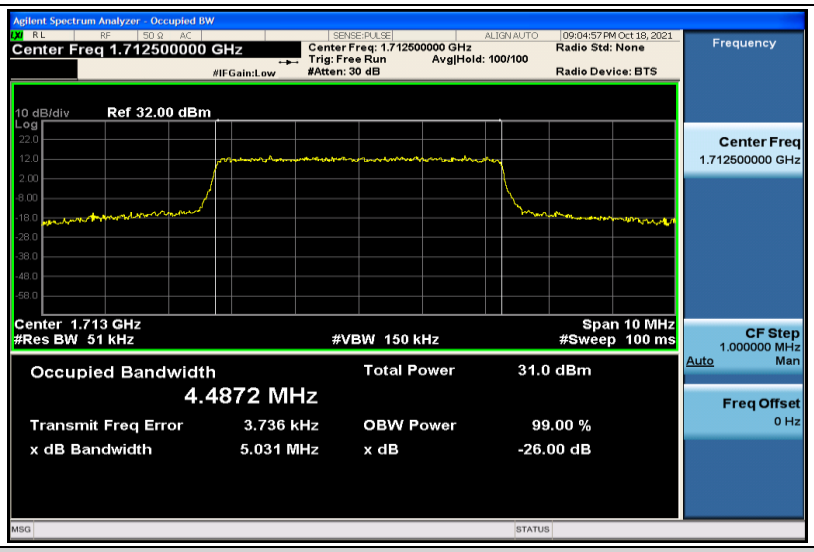

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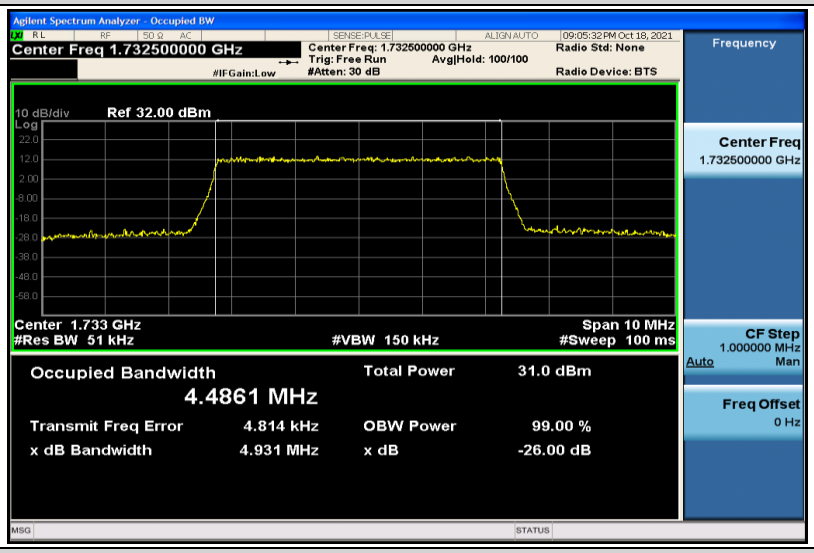
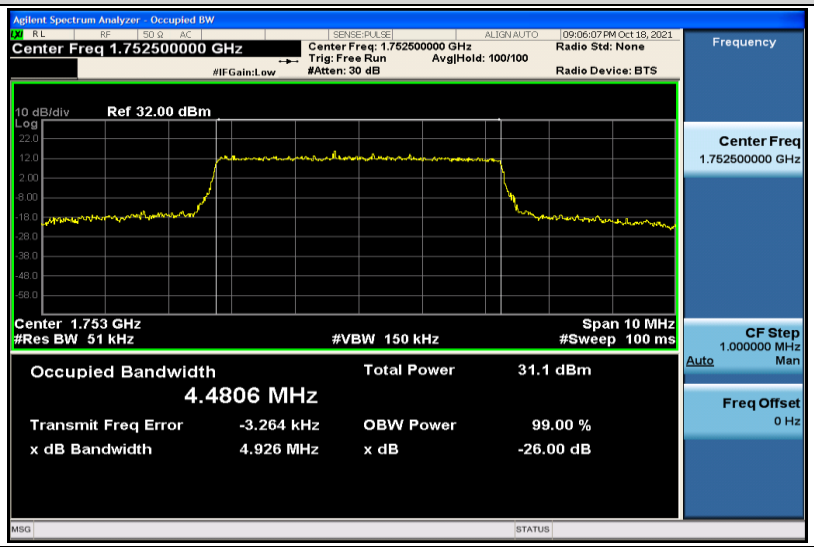


Band4-5MHz-16QAM-20175-25RB#0-4.4861



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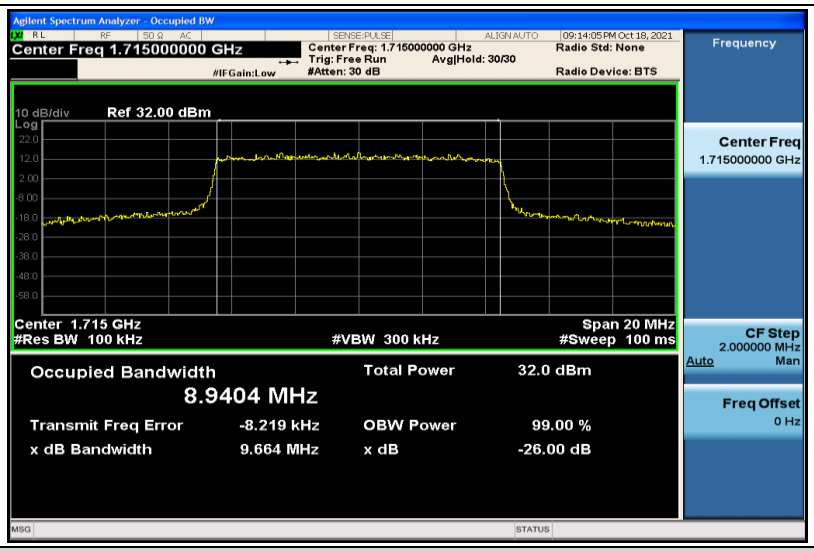

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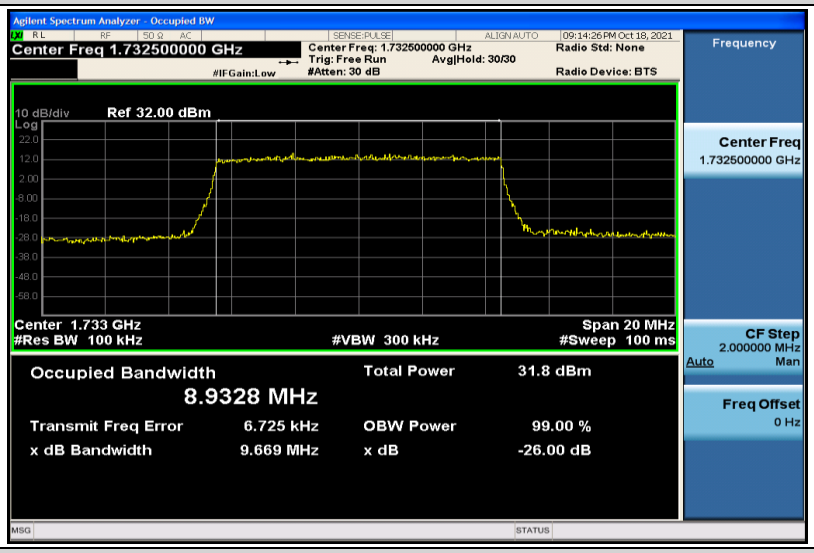
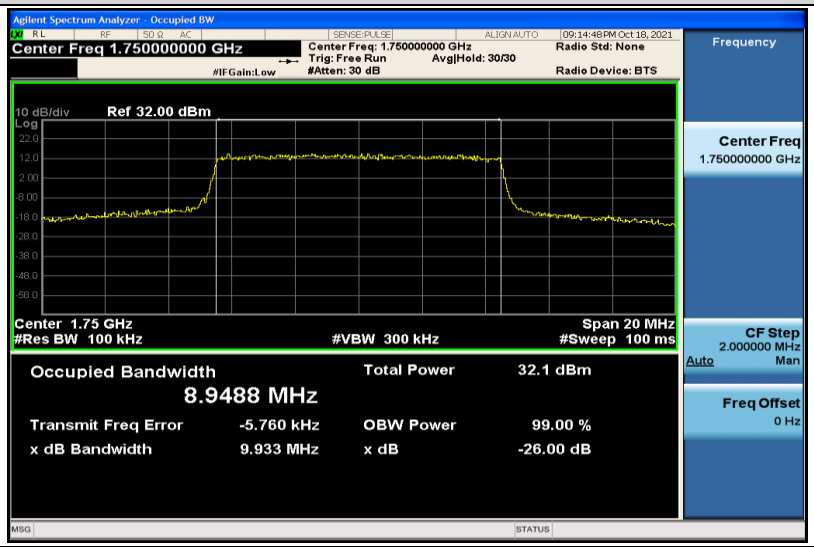
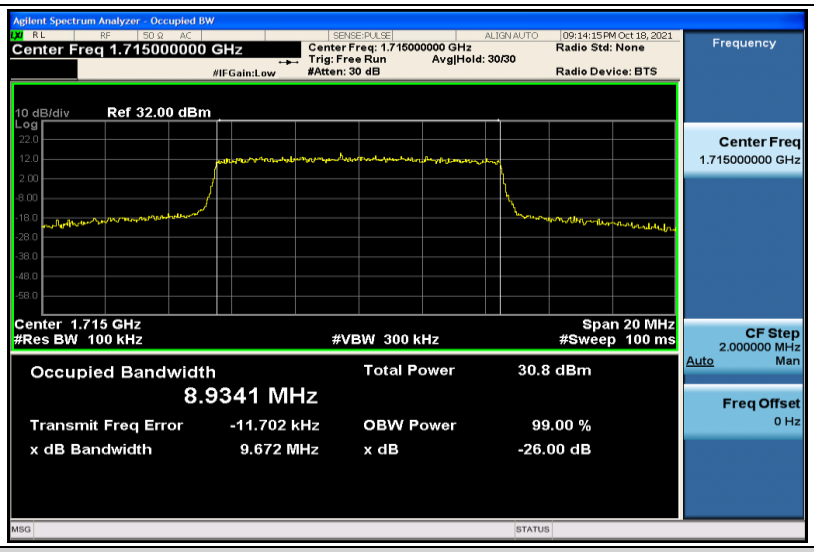


Band4-10MHz-QPSK-20175-50RB#0-8.9328



Band4-10MHz-QPSK-20350-50RB#0-8.9488



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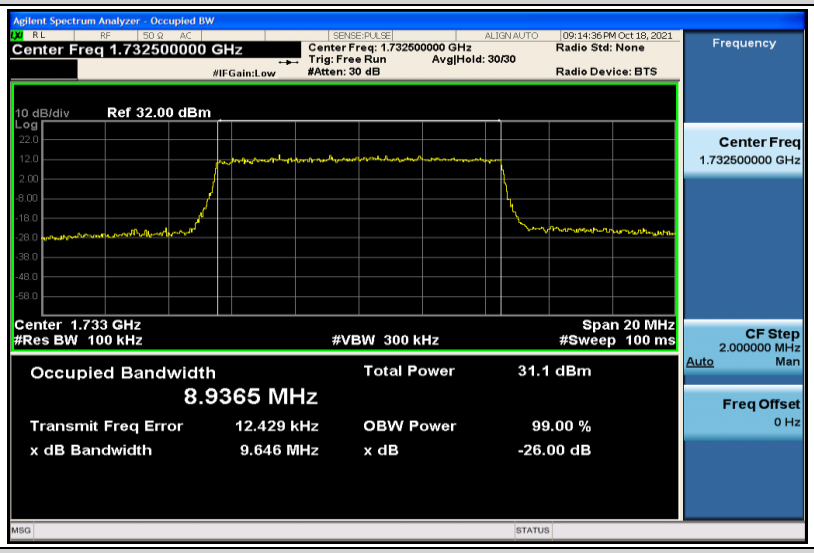

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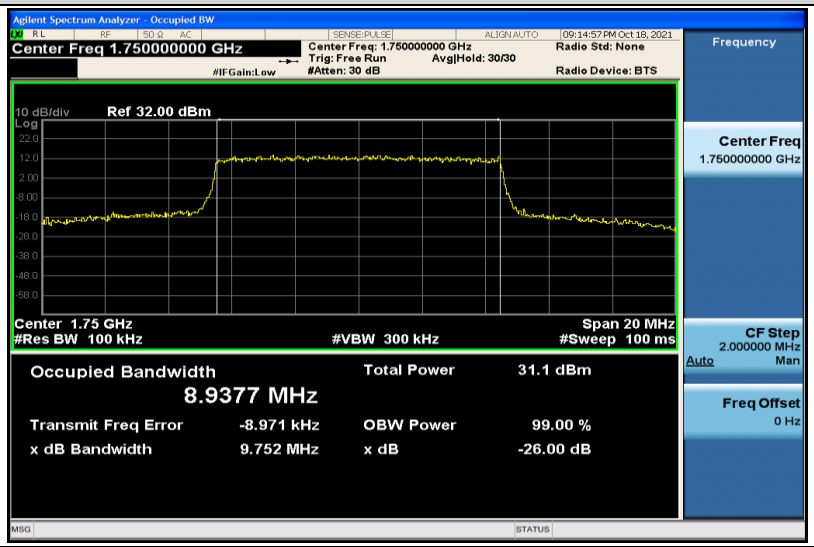
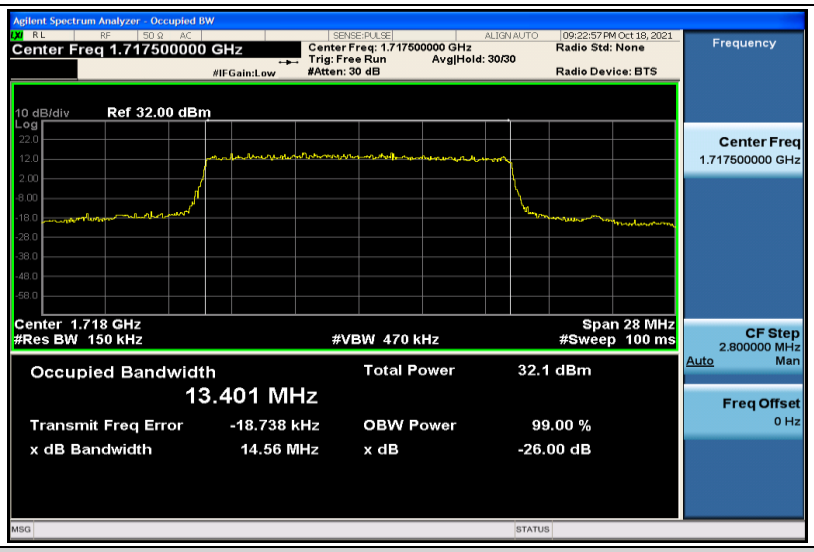
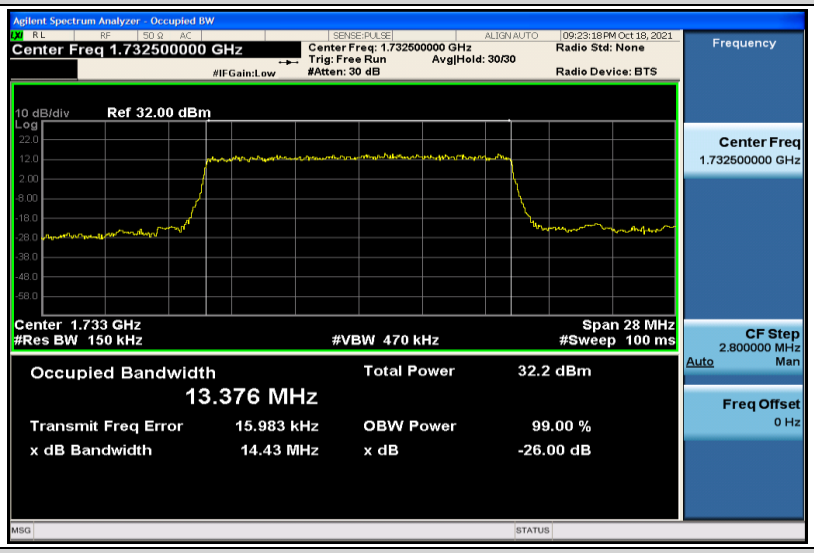


Band4-10MHz-16QAM-20350-50RB#0-8.9377



Band4-15MHz-QPSK-20025-75RB#0-13.401



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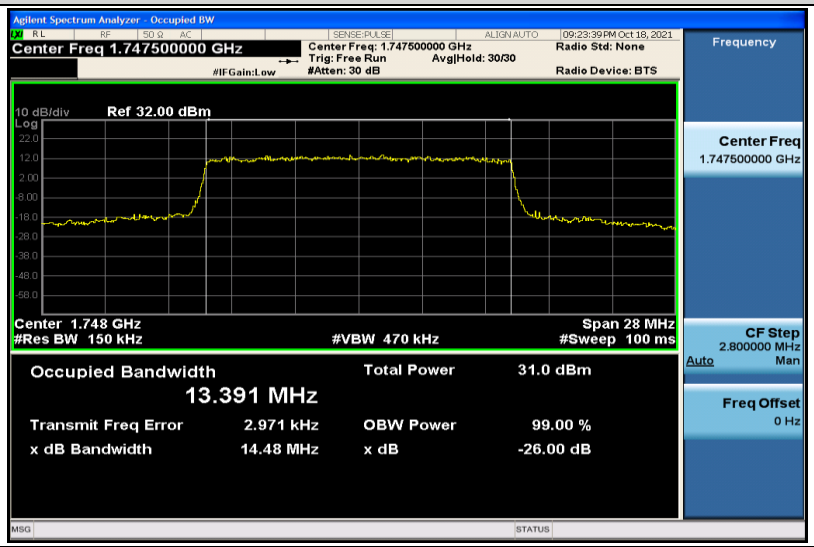

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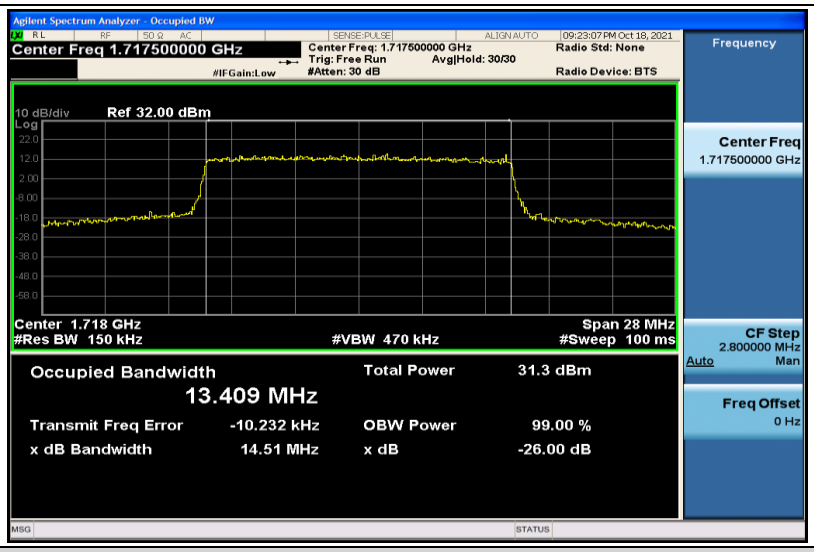
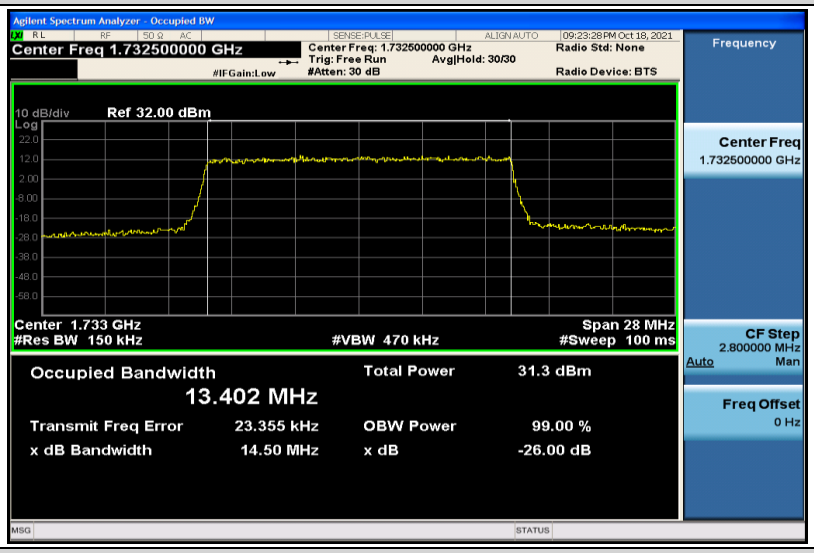


Band4-15MHz-16QAM-20025-75RB#0-13.409



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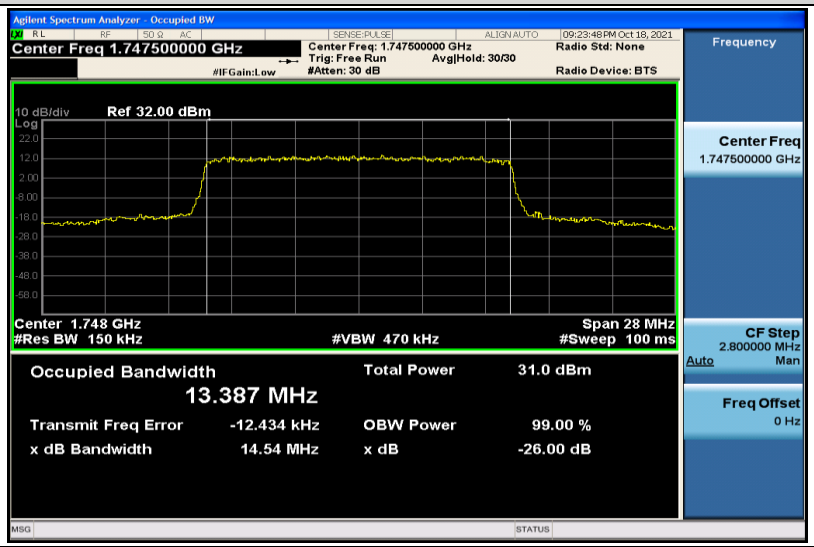
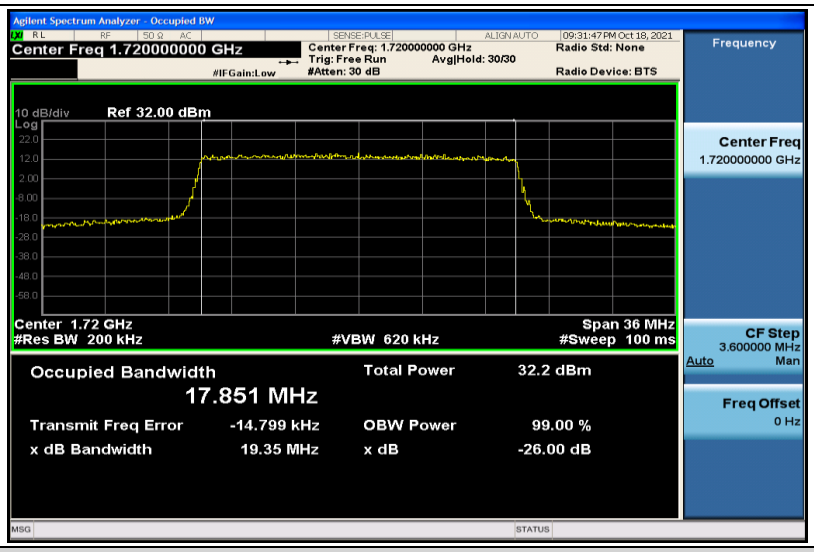
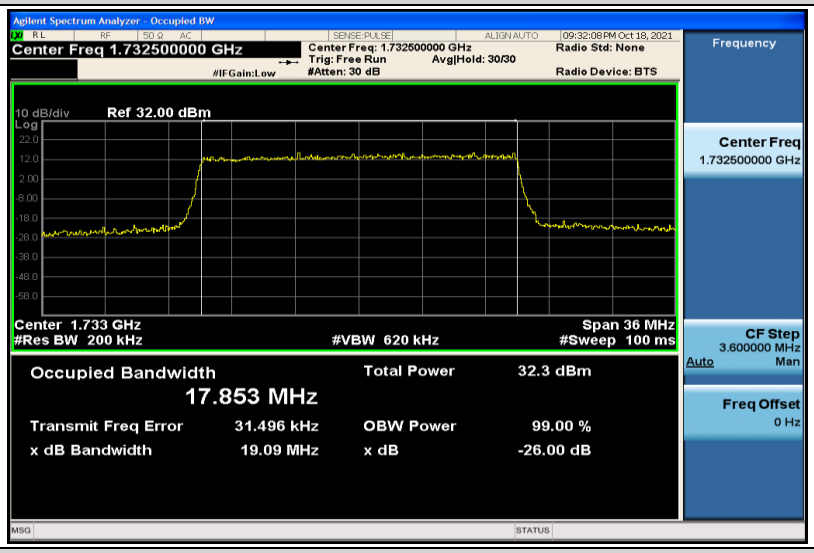


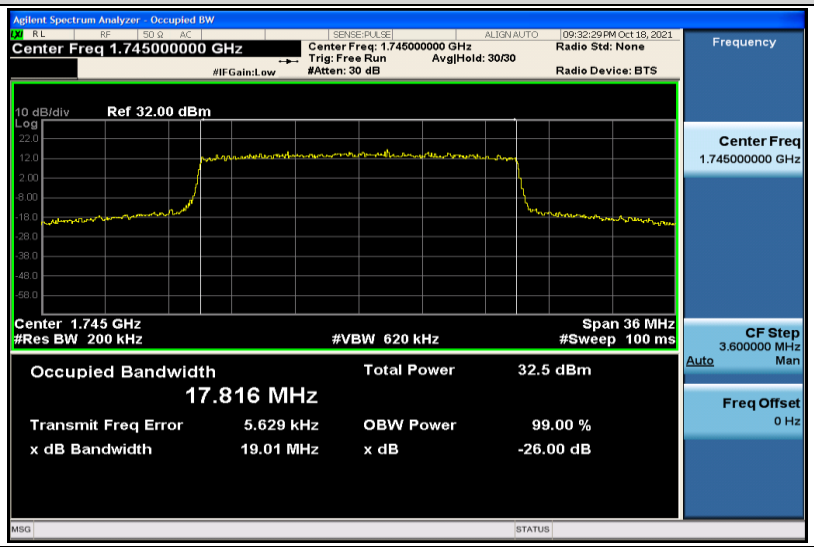
Band4-15MHz-16QAM-20325-75RB#0-13.387



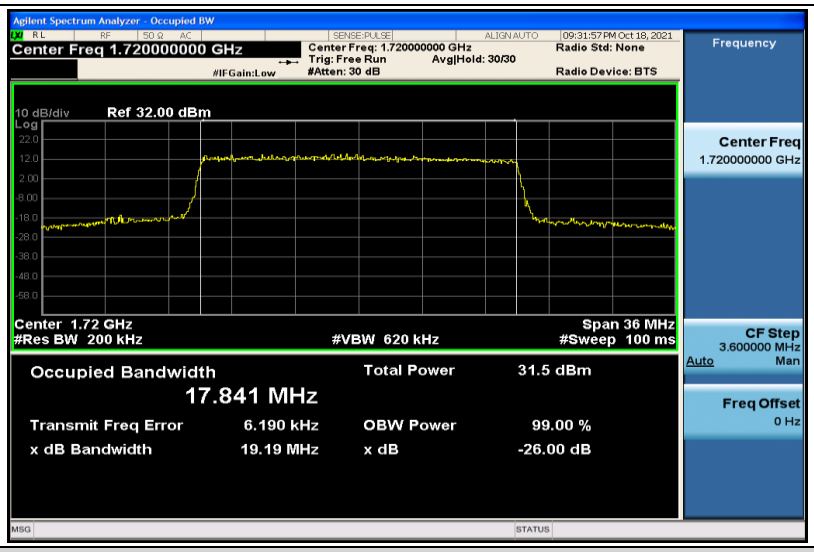
Band4-20MHz-QPSK-20050-100RB#0-17.851



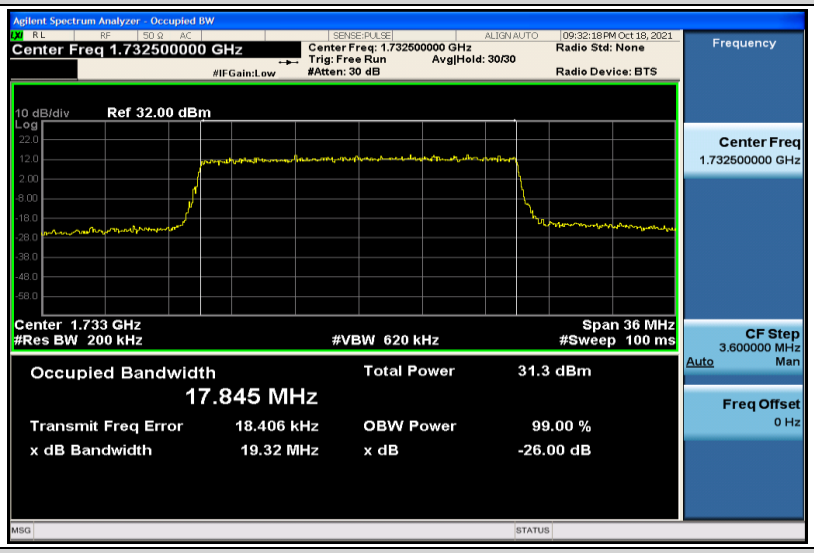
Band4-20MHz-QPSK-20175-100RB#0-17.853



Band4-20MHz-QPSK-20300-100RB#0-17.816



Band4-20MHz-16QAM-20050-100RB#0-17.841



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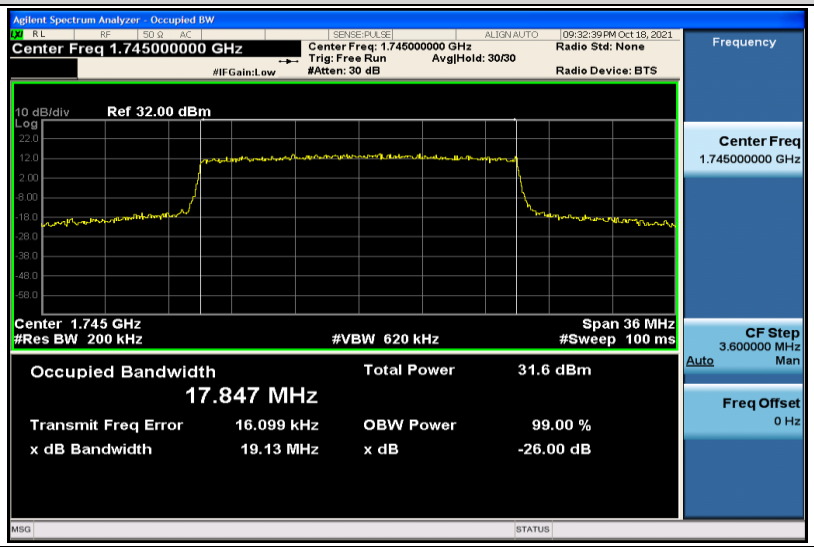
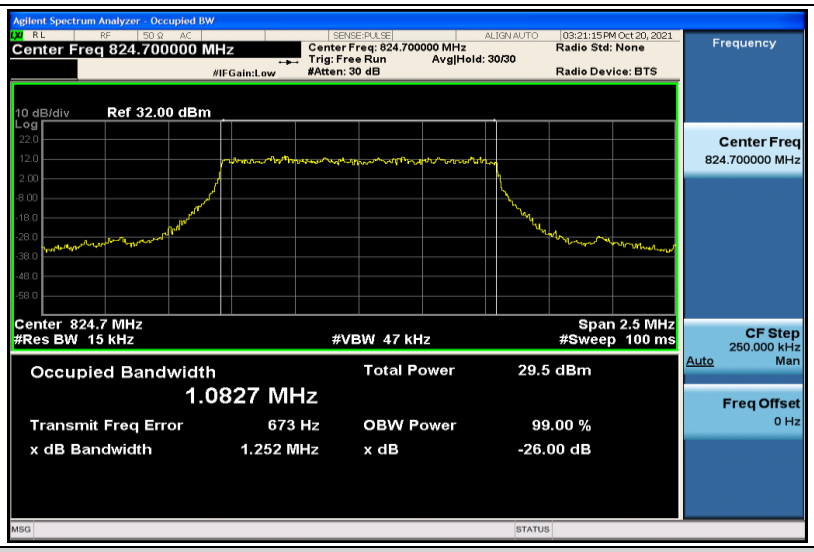
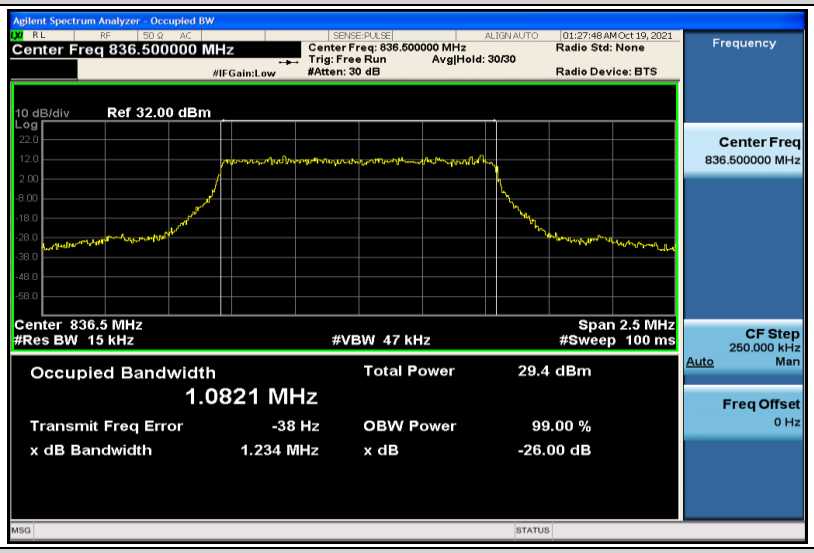


Band4-20MHz-16QAM-20300-100RB#0-17.847



Band5-1.4MHz-QPSK-20407-6RB#0-1.0827



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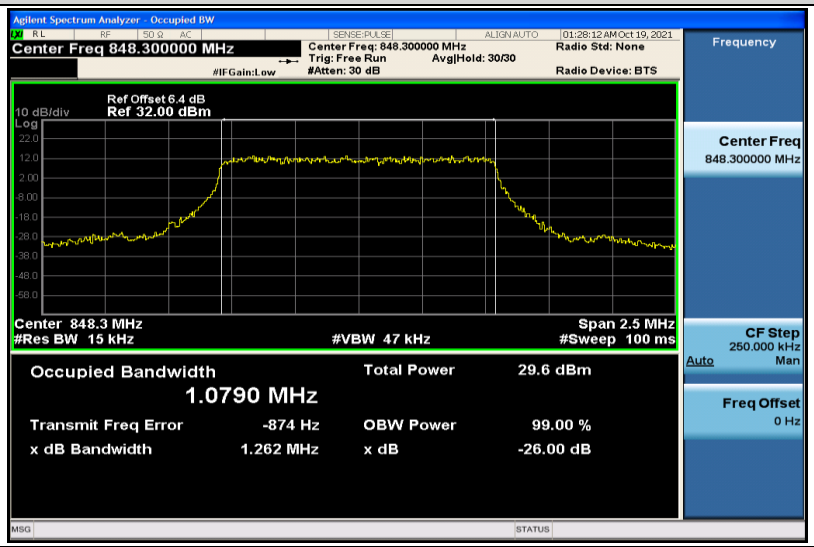
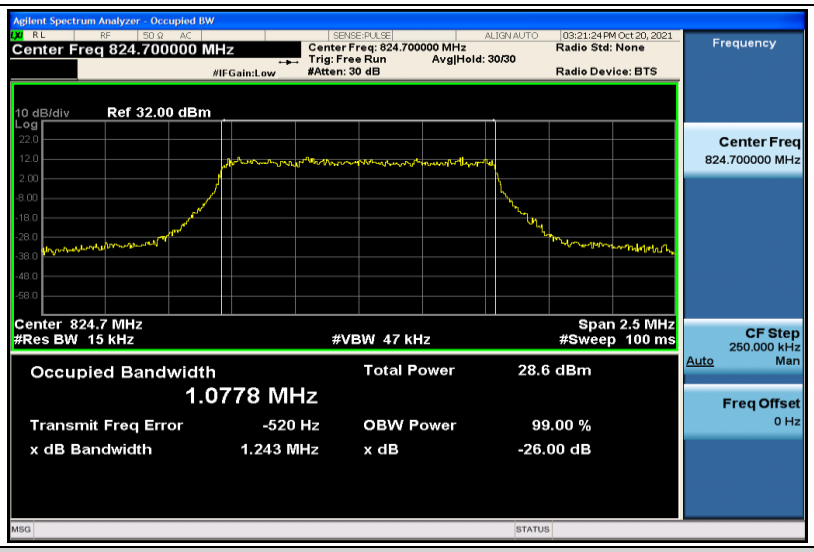


Band5-1.4MHz-QPSK-20643-6RB#0-1.0790



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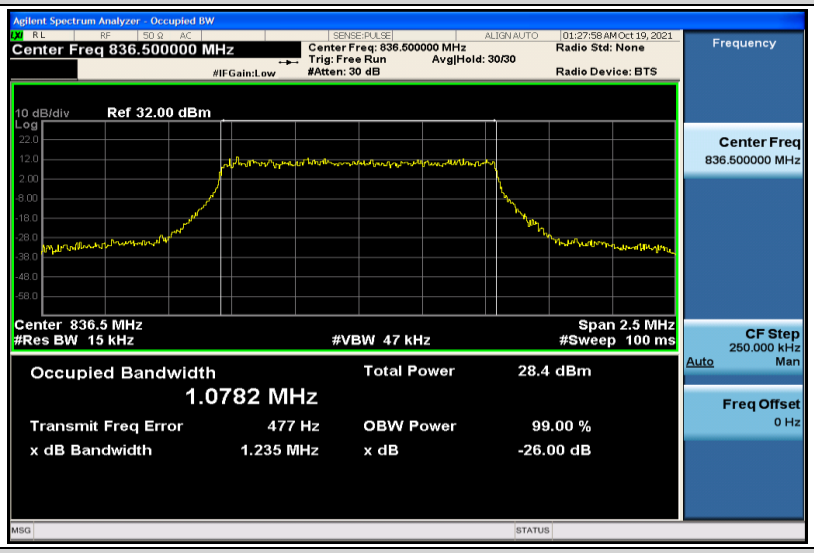

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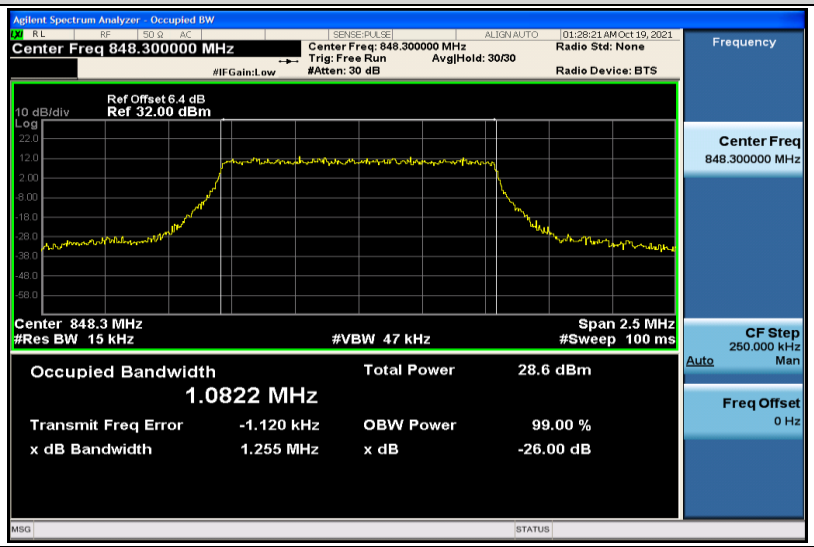

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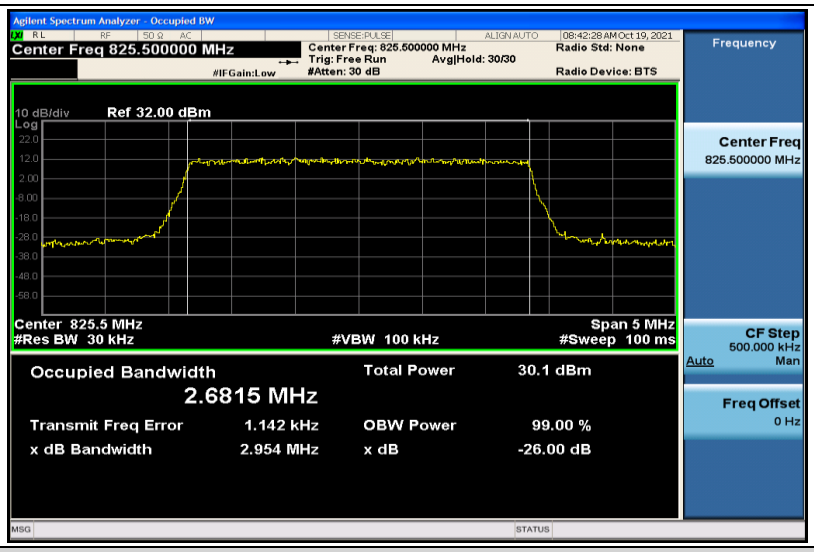
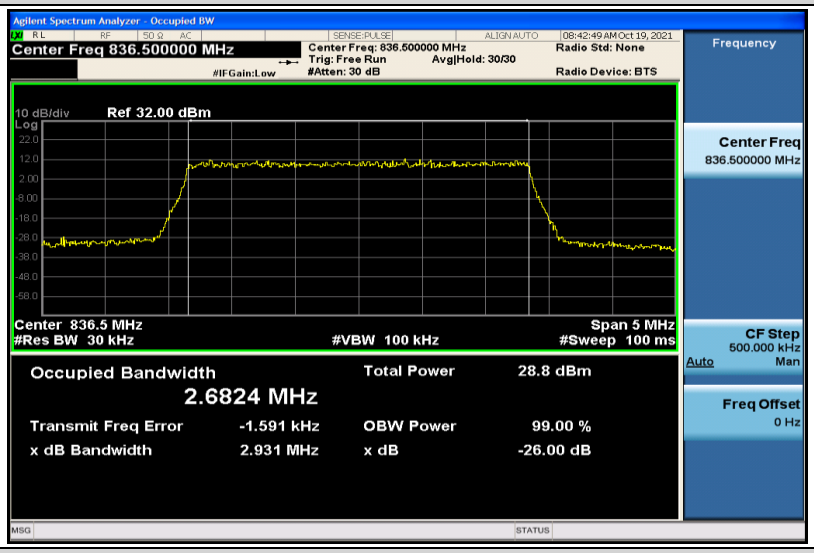


Band5-3MHz-QPSK-20415-15RB#0-2.6815



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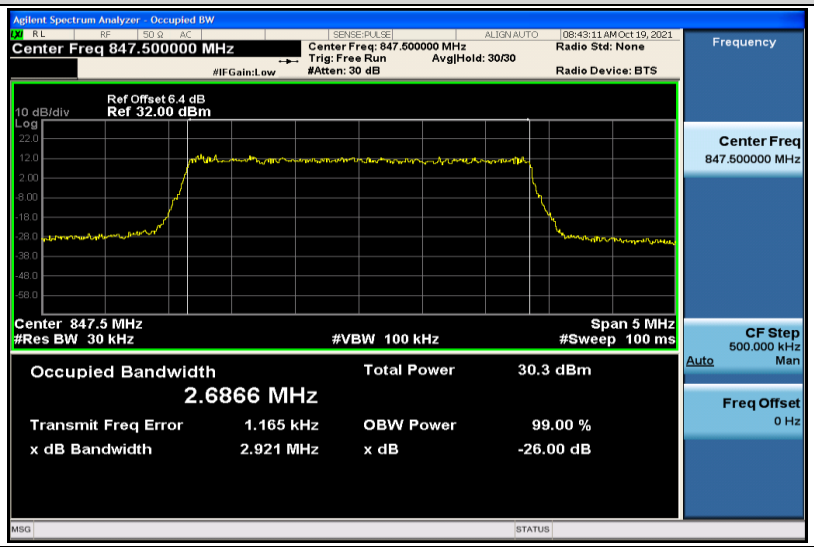

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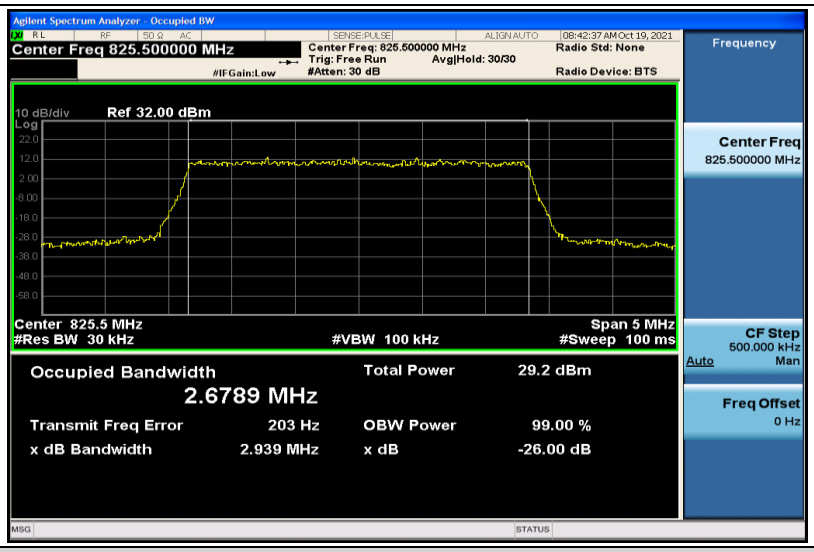

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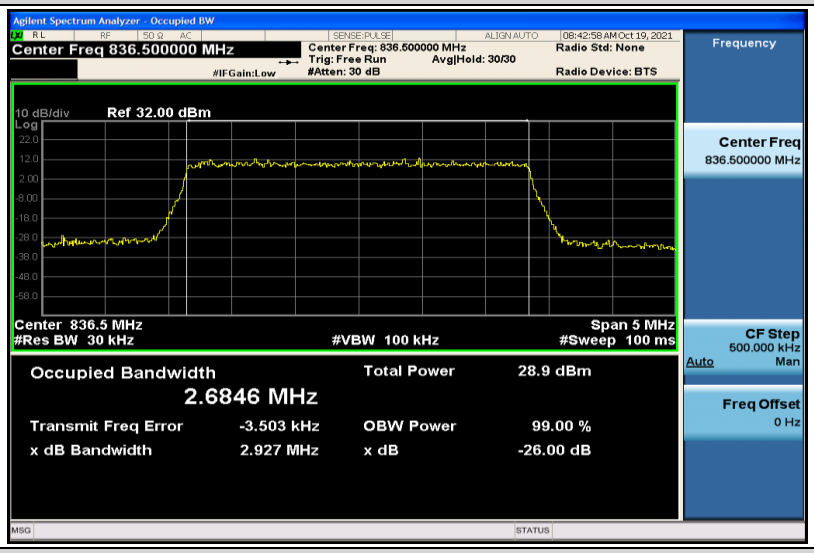

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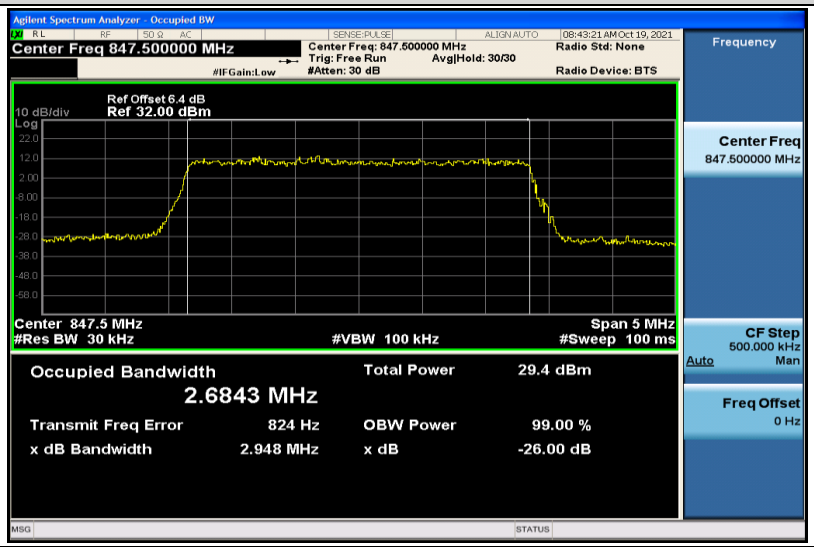

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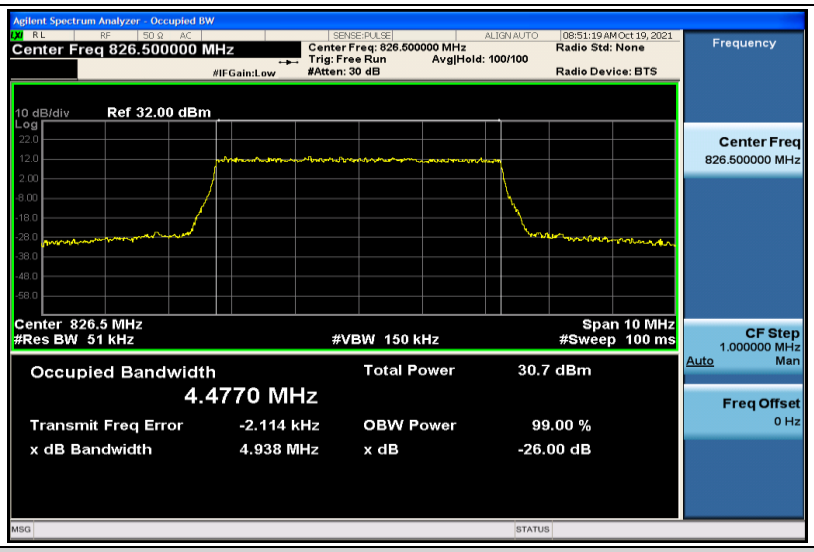
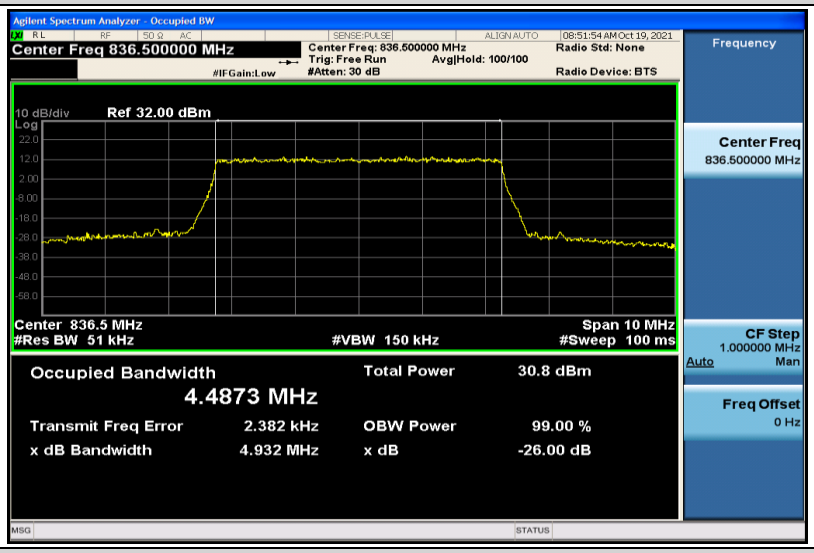
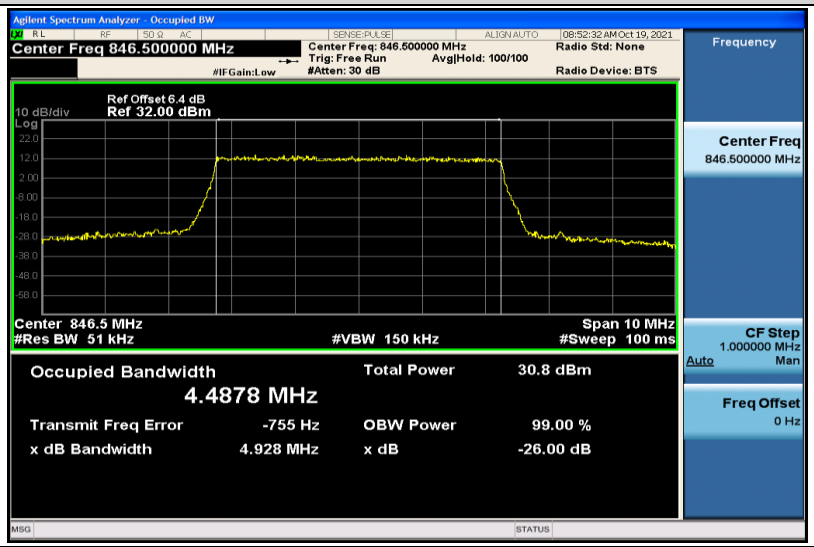


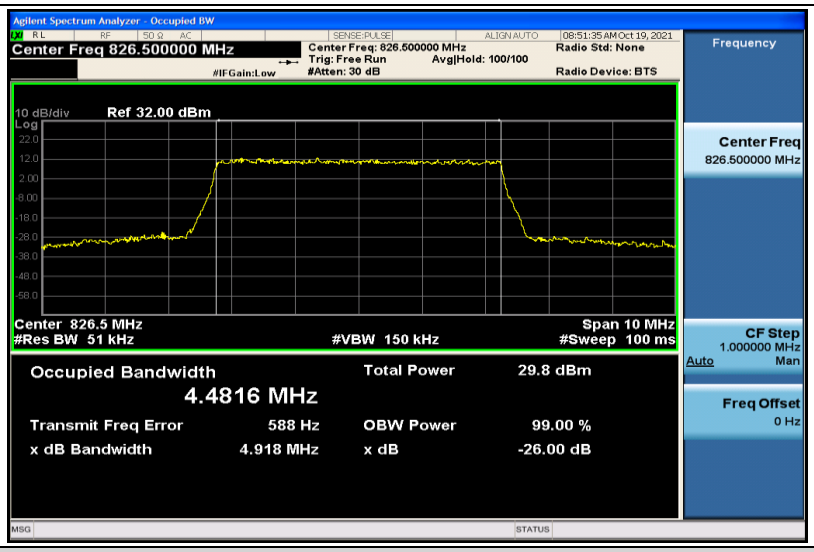
Band5-5MHz-QPSK-20425-25RB#0-4.4770



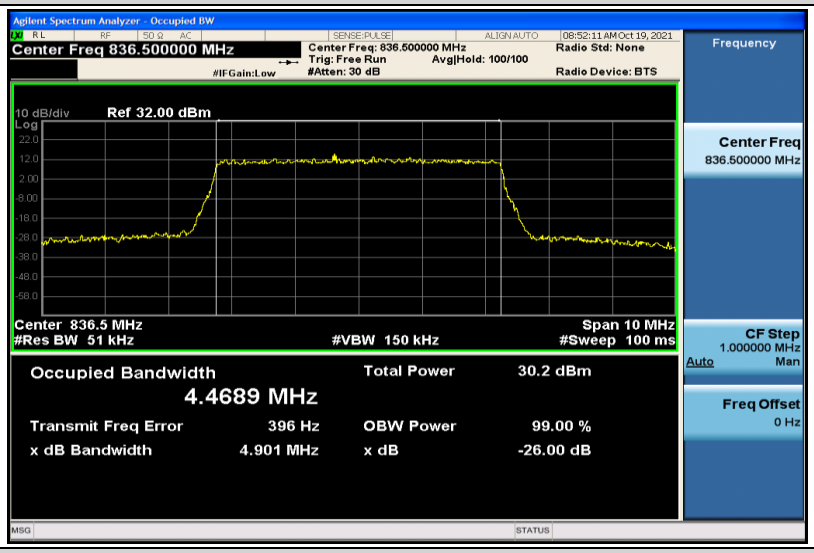
Band5-5MHz-QPSK-20525-25RB#0-4.4873



Band5-5MHz-QPSK-20625-25RB#0-4.4878



Band5-5MHz-16QAM-20425-25RB#0-4.4816



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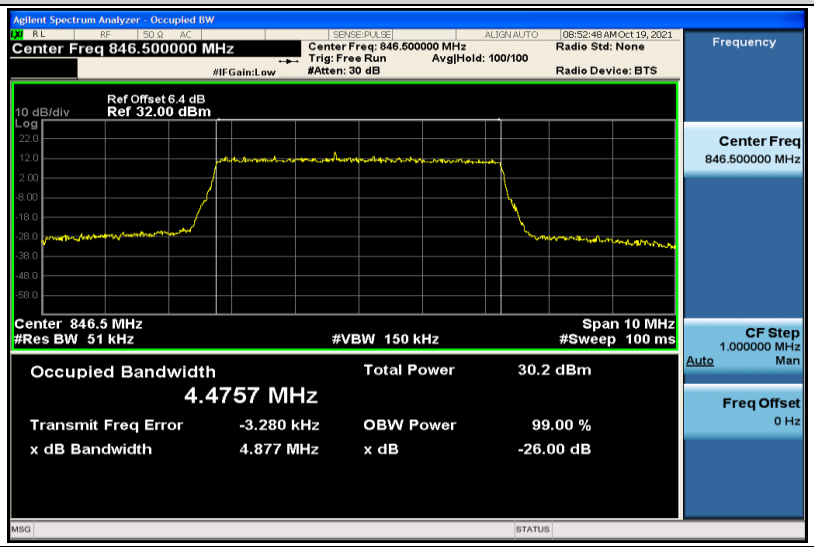

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