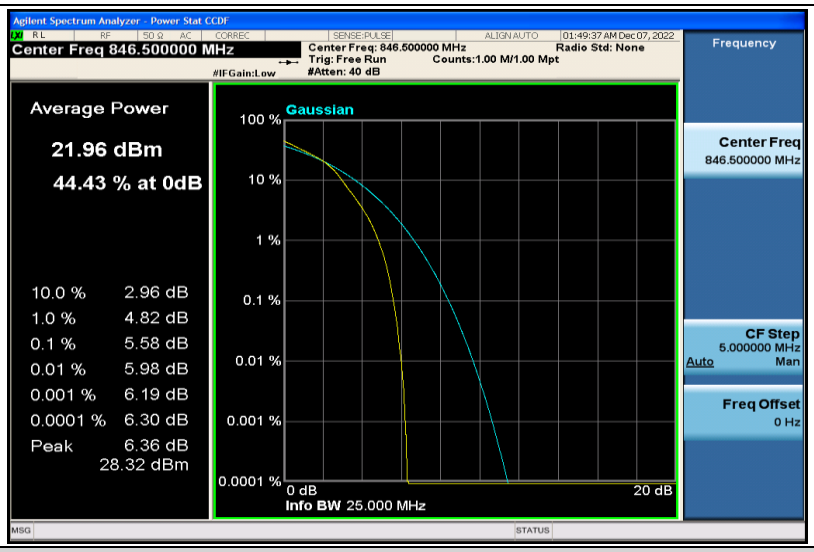
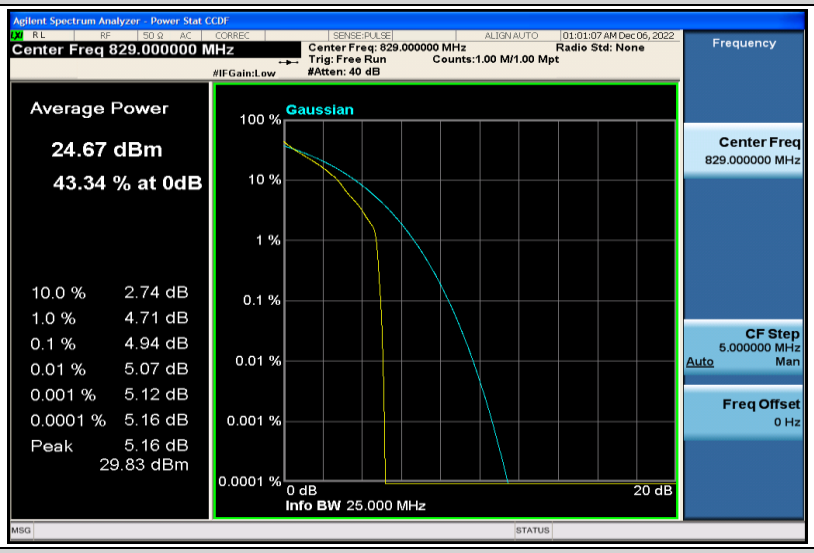


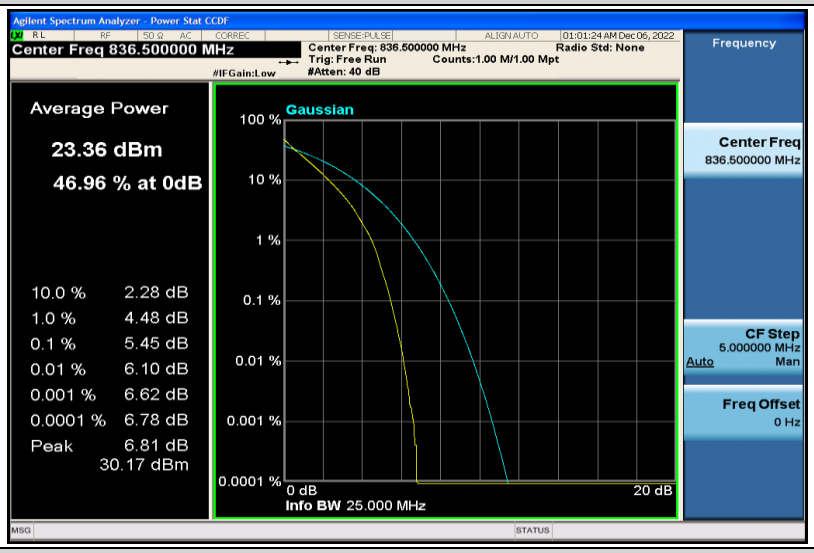
Band26-5MHz-16QAM-27015-25RB#0



Band26-10MHz-QPSK-26840-1RB#0

Band26-10MHz-QPSK-26840-50RB#0

Band26-10MHz-QPSK-26915-1RB#0



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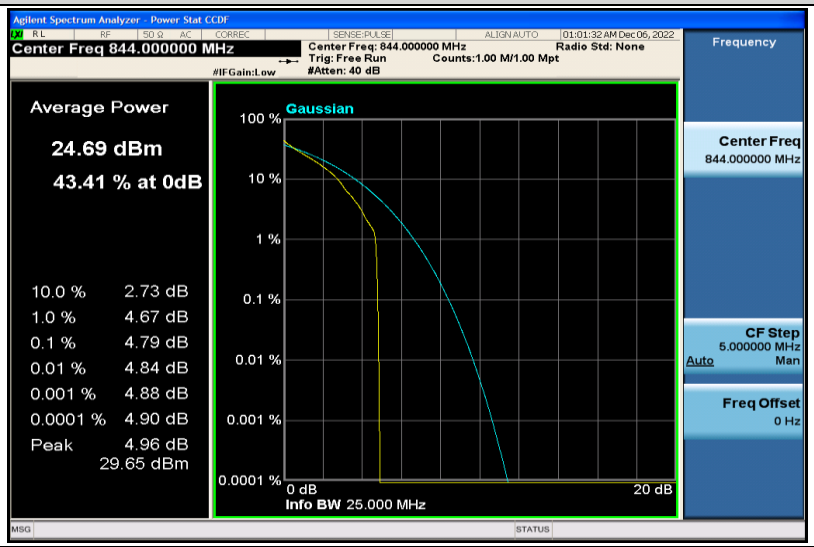

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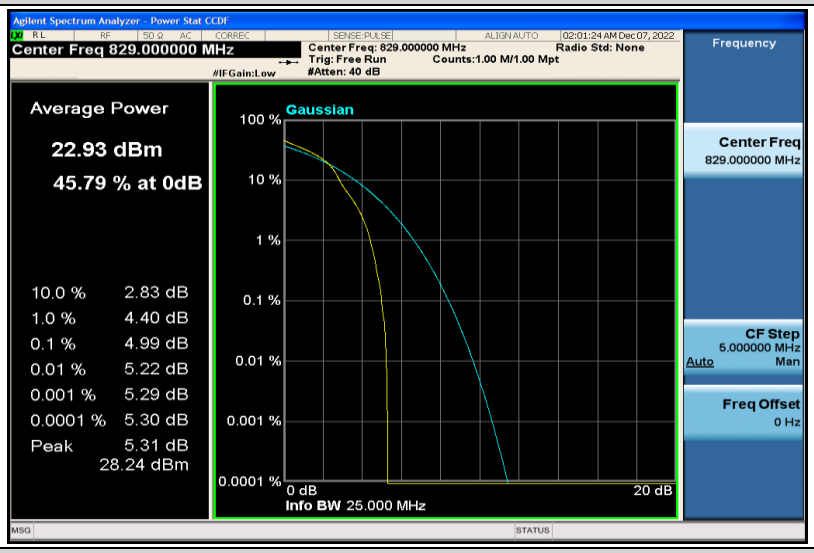
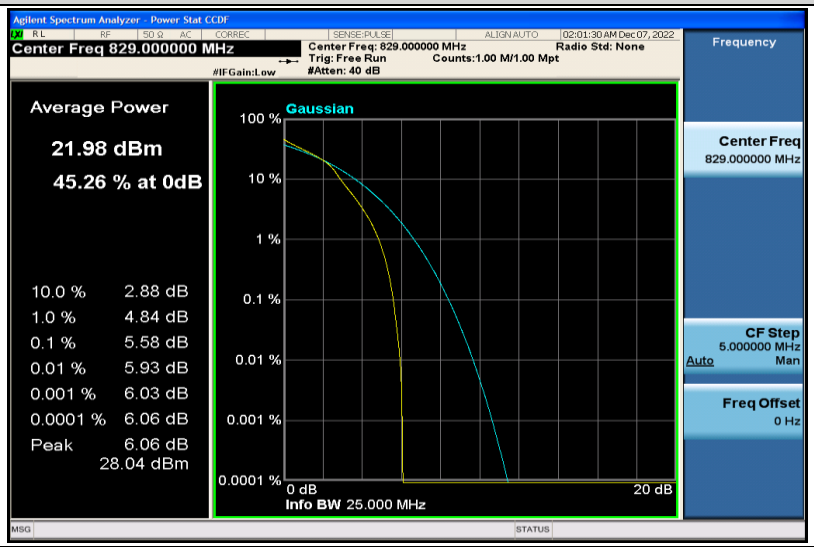
Band26-10MHz-QPSK-26990-50RB#0



Band26-10MHz-16QAM-26840-1RB#0



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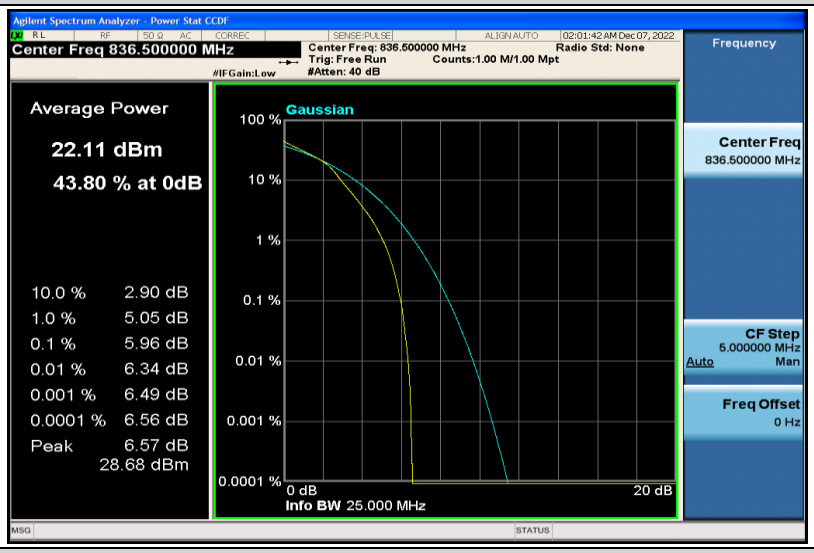
Band26-10MHz-16QAM-26915-1RB#0



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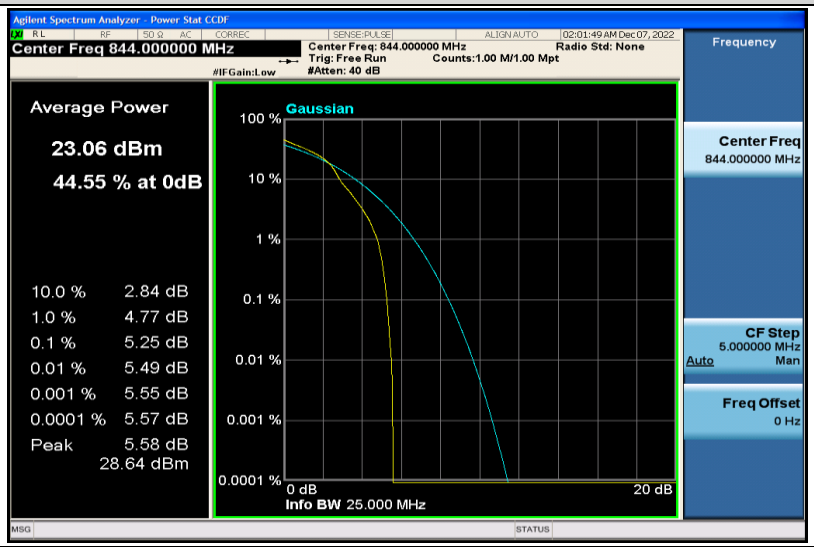
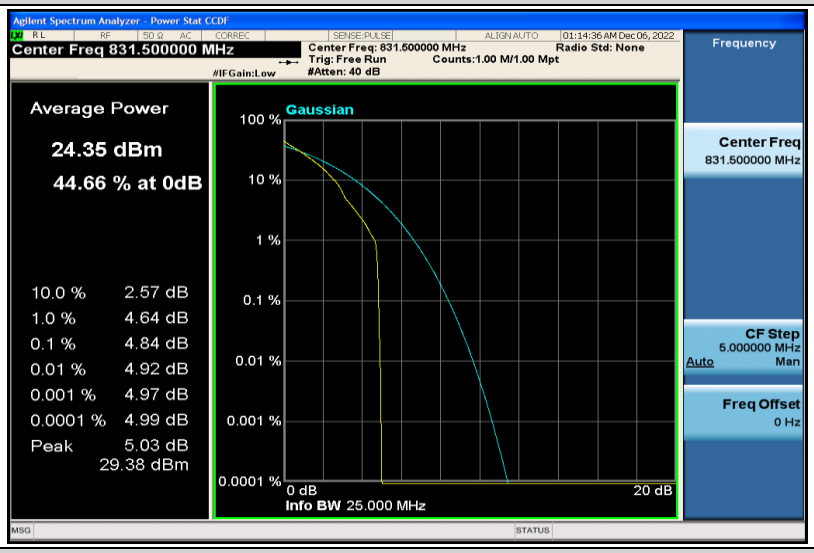


Band26-10MHz-16QAM-26990-1RB#0

Band26-10MHz-16QAM-26990-25RB#0



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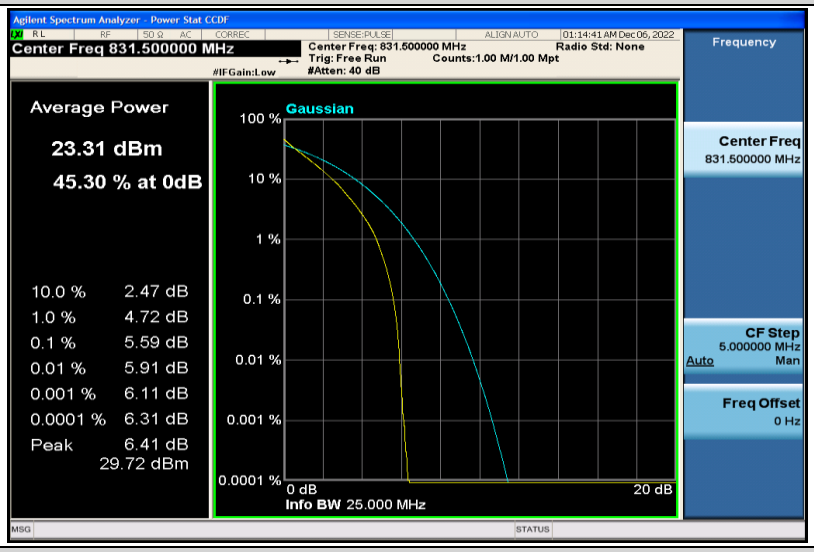
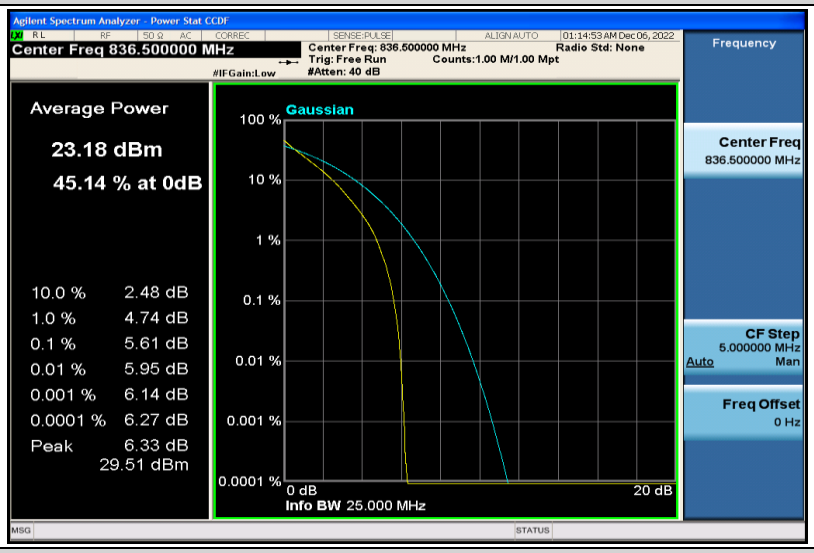
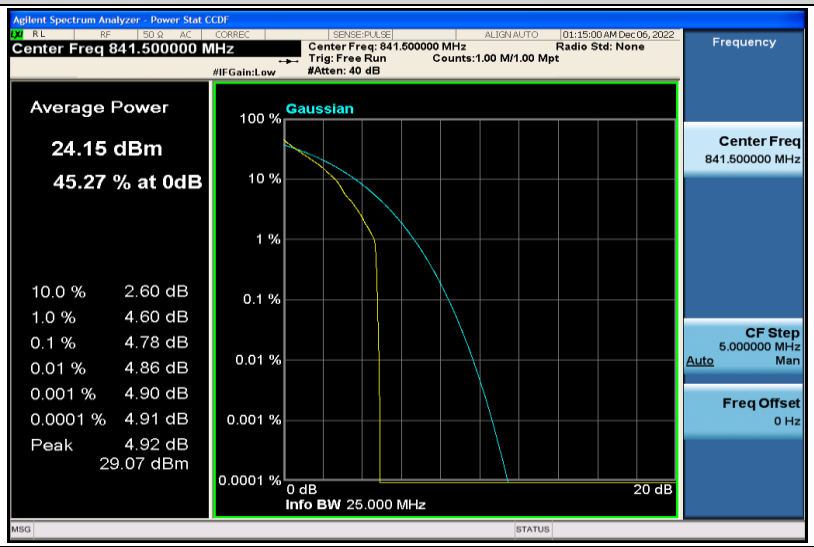


Band26-15MHz-QPSK-26865-75RB#0

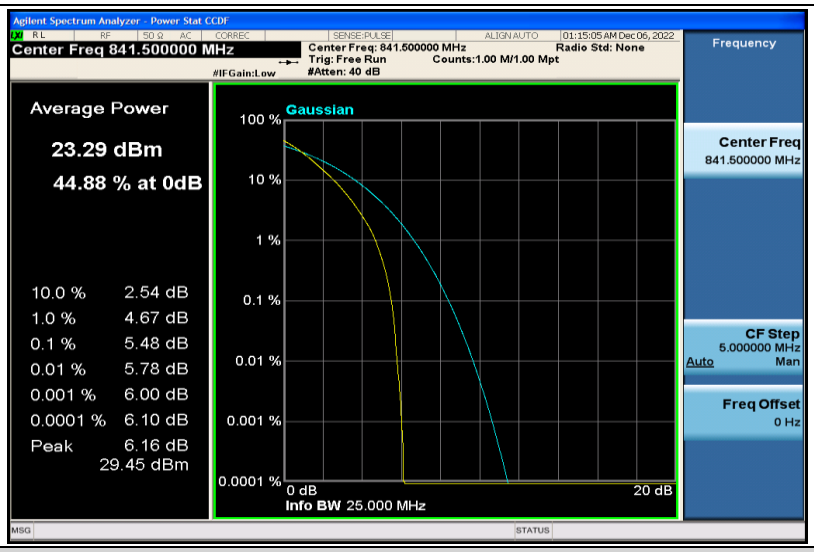
Band26-15MHz-QPSK-26915-1RB#0



Band26-15MHz-QPSK-26915-75RB#0



Band26-15MHz-QPSK-26965-1RB#0



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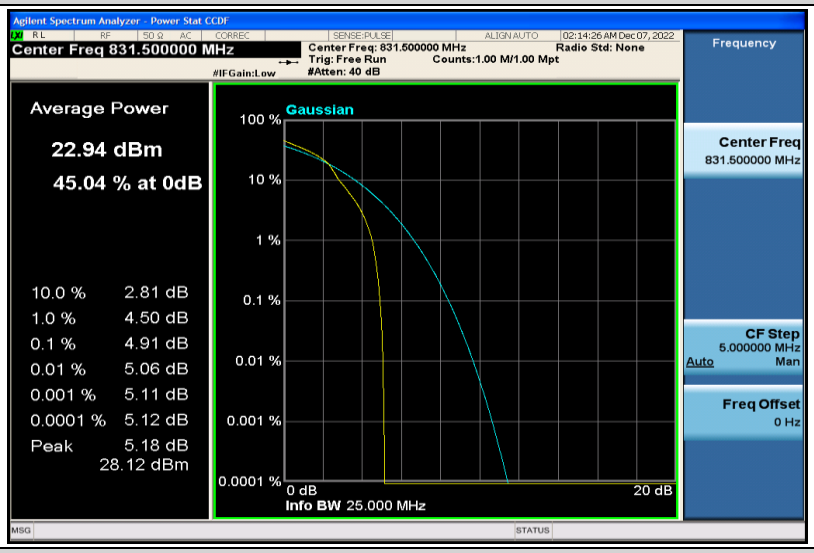
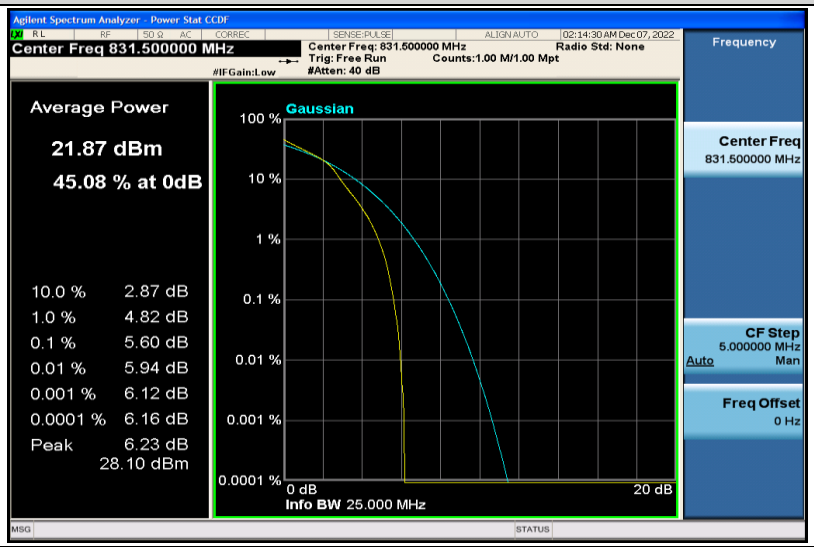
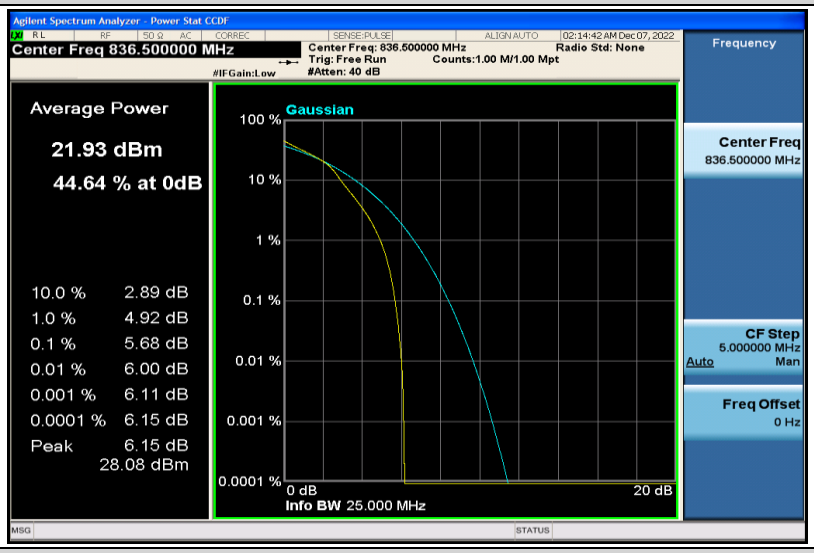


Band26-15MHz-16QAM-26865-1RB#0



Band26-15MHz-16QAM-26865-25RB#0

Band26-15MHz-16QAM-26915-1RB#0



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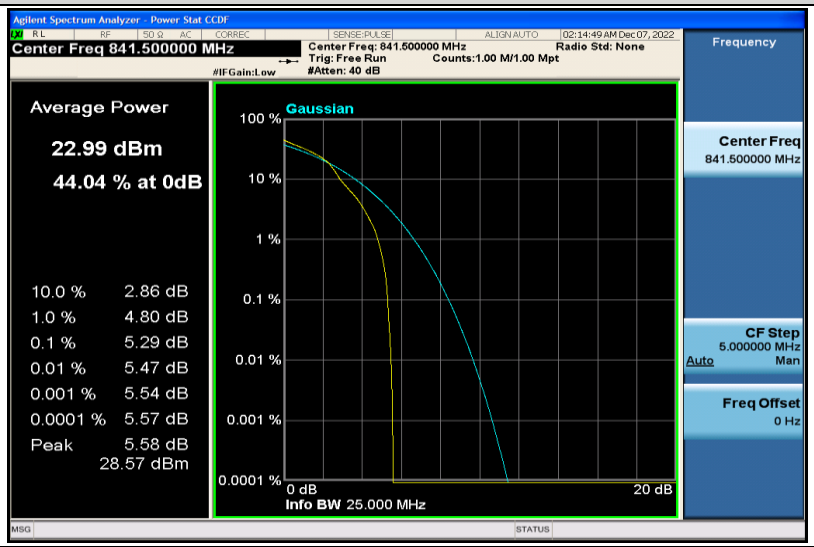
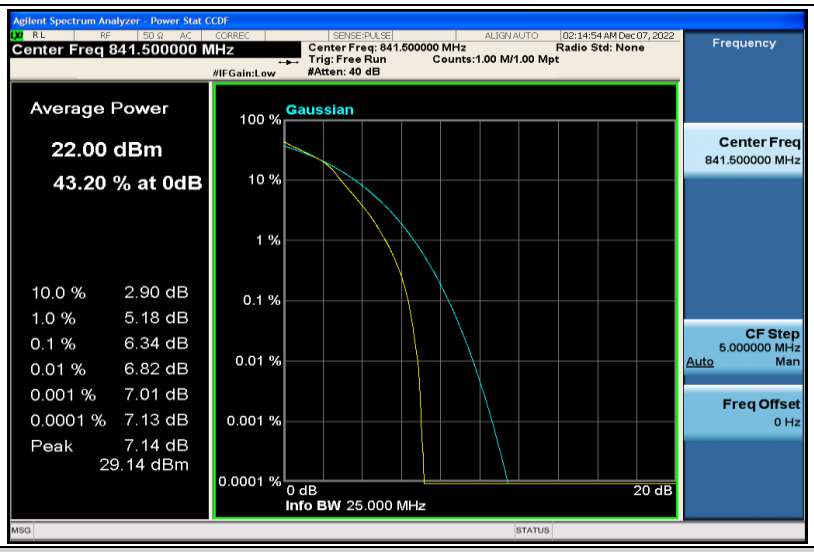


Band26-15MHz-16QAM-26965-1RB#0



Band26-15MHz-16QAM-26965-25RB#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	1.0781	1.240	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	1.0860	1.243	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1.0794	1.265	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1.0792	1.273	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.0779	1.244	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1.0797	1.246	PASS
Band2	3MHz	QPSK	18615	15RB#0	2.6865	2.942	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.6864	2.918	PASS
Band2	3MHz	QPSK	19185	15RB#0	2.6812	2.924	PASS
Band2	3MHz	16QAM	18615	15RB#0	2.6693	2.853	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.6726	2.852	PASS
Band2	3MHz	16QAM	19185	15RB#0	2.6661	2.868	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.4703	4.903	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.4852	4.916	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.4746	4.932	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.4620	4.787	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.4688	4.867	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.4656	4.769	PASS
Band2	10MHz	QPSK	18650	50RB#0	8.9245	9.718	PASS
Band2	10MHz	QPSK	18900	50RB#0	8.9320	9.658	PASS
Band2	10MHz	QPSK	19150	50RB#0	8.9268	9.703	PASS
Band2	10MHz	16QAM	18650	25RB#0	4.5303	5.321	PASS
Band2	10MHz	16QAM	18900	25RB#0	4.5321	5.432	PASS
Band2	10MHz	16QAM	19150	25RB#0	4.5203	5.219	PASS
Band2	15MHz	QPSK	18675	75RB#0	13.384	14.52	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.361	14.36	PASS
Band2	15MHz	QPSK	19125	75RB#0	13.376	14.45	PASS
Band2	15MHz	16QAM	18675	25RB#0	4.5962	5.605	PASS
Band2	15MHz	16QAM	18900	25RB#0	4.5917	5.869	PASS
Band2	15MHz	16QAM	19125	25RB#0	4.6010	5.526	PASS
Band2	20MHz	QPSK	18700	100RB#0	17.830	19.24	PASS
Band2	20MHz	QPSK	18900	100RB#0	17.791	19.04	PASS
Band2	20MHz	QPSK	19100	100RB#0	17.805	19.01	PASS
Band2	20MHz	16QAM	18700	25RB#0	4.7123	5.944	PASS
Band2	20MHz	16QAM	18900	25RB#0	4.7092	5.837	PASS
Band2	20MHz	16QAM	19100	25RB#0	4.6634	5.874	PASS

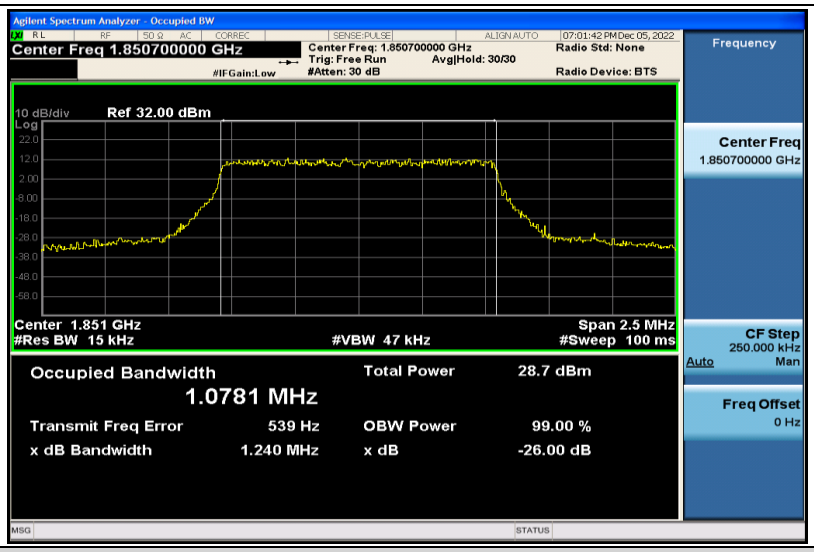
Band4	1.4MHz	QPSK	19957	6RB#0	1.0784	1.236	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.0793	1.243	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.0775	1.262	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.0798	1.254	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.0795	1.269	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.0768	1.239	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.6871	2.941	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.6886	2.918	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.6855	2.932	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.6733	2.869	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.6756	2.839	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.6734	2.856	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.4697	4.894	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.4822	4.924	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.4833	4.918	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.4685	4.791	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.4693	4.780	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.4717	5.075	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.9429	9.681	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.9225	9.655	PASS
Band4	10MHz	QPSK	20350	50RB#0	8.9433	9.746	PASS
Band4	10MHz	16QAM	20000	25RB#0	4.5220	5.322	PASS
Band4	10MHz	16QAM	20175	25RB#0	4.5238	5.284	PASS
Band4	10MHz	16QAM	20350	25RB#0	4.5359	5.379	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.414	14.53	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.342	14.37	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.393	14.52	PASS
Band4	15MHz	16QAM	20025	25RB#0	4.6101	5.660	PASS
Band4	15MHz	16QAM	20175	25RB#0	4.6002	5.564	PASS
Band4	15MHz	16QAM	20325	25RB#0	4.5965	5.644	PASS
Band4	20MHz	QPSK	20050	100RB#0	17.883	19.31	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.781	18.96	PASS
Band4	20MHz	QPSK	20300	100RB#0	17.843	19.03	PASS
Band4	20MHz	16QAM	20050	25RB#0	4.7129	5.975	PASS
Band4	20MHz	16QAM	20175	25RB#0	4.7077	5.792	PASS
Band4	20MHz	16QAM	20300	25RB#0	4.6839	5.916	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	1.0783	1.258	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.0862	1.242	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.0799	1.249	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.0798	1.238	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.0758	1.218	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.0816	1.256	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.6835	2.921	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.6866	2.939	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.6868	2.925	PASS

Band5	3MHz	16QAM	20415	15RB#0	2.6726	2.850	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.6764	2.858	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.6735	2.847	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.4768	4.902	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.4692	4.899	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.4768	4.875	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.4694	4.858	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.4769	4.854	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.4698	4.813	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.9329	9.729	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.9386	9.657	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.9190	9.580	PASS
Band5	10MHz	16QAM	20450	25RB#0	4.5151	5.346	PASS
Band5	10MHz	16QAM	20525	25RB#0	4.5368	5.283	PASS
Band5	10MHz	16QAM	20600	25RB#0	4.5377	5.288	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	1.0778	1.243	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.0805	1.226	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.0811	1.254	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1.0792	1.246	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.0760	1.234	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1.0772	1.256	PASS
Band12	3MHz	QPSK	23025	15RB#0	2.6893	2.914	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.6827	2.917	PASS
Band12	3MHz	QPSK	23165	15RB#0	2.6855	2.944	PASS
Band12	3MHz	16QAM	23025	15RB#0	2.6764	2.872	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.6727	2.862	PASS
Band12	3MHz	16QAM	23165	15RB#0	2.6790	2.859	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.4708	4.887	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.4795	4.909	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.4798	4.923	PASS
Band12	5MHz	16QAM	23035	25RB#0	4.4875	5.058	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.4881	5.033	PASS
Band12	5MHz	16QAM	23155	25RB#0	4.4799	4.984	PASS
Band12	10MHz	QPSK	23060	50RB#0	8.9334	9.708	PASS
Band12	10MHz	QPSK	23095	50RB#0	8.9211	9.613	PASS
Band12	10MHz	QPSK	23130	50RB#0	8.9430	9.785	PASS
Band12	10MHz	16QAM	23060	25RB#0	4.5691	5.543	PASS
Band12	10MHz	16QAM	23095	25RB#0	4.5542	5.411	PASS
Band12	10MHz	16QAM	23130	25RB#0	4.5373	5.499	PASS
Band13	5MHz	QPSK	23205	25RB#0	4.4843	4.940	PASS
Band13	5MHz	QPSK	23230	25RB#0	4.4707	4.915	PASS
Band13	5MHz	QPSK	23255	25RB#0	4.4800	4.946	PASS
Band13	5MHz	16QAM	23205	25RB#0	4.4835	5.034	PASS
Band13	5MHz	16QAM	23230	25RB#0	4.4784	5.017	PASS
Band13	5MHz	16QAM	23255	25RB#0	4.4904	5.067	PASS

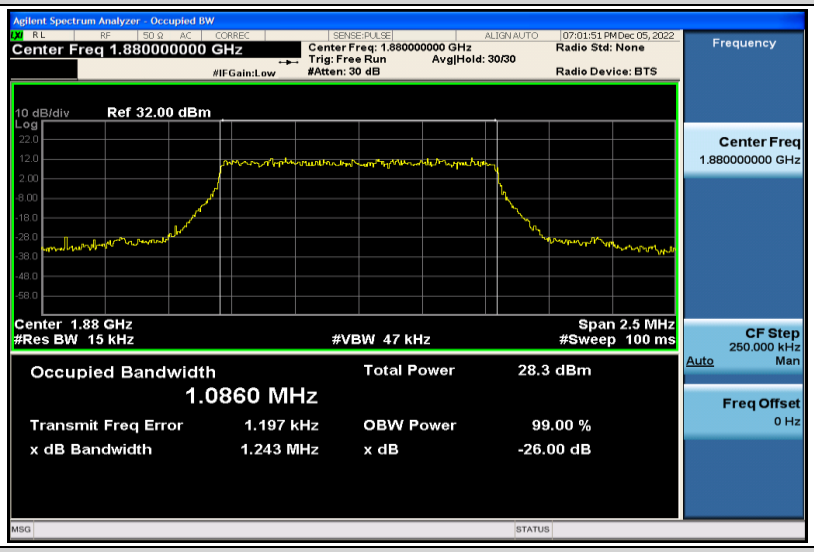
Band13	10MHz	QPSK	23230	50RB#0	8.9406	9.693	PASS
Band13	10MHz	16QAM	23230	25RB#0	4.5437	5.430	PASS
Band25	1.4MHz	QPSK	26047	6RB#0	1.0772	1.248	PASS
Band25	1.4MHz	QPSK	26365	6RB#0	1.0831	1.242	PASS
Band25	1.4MHz	QPSK	26683	6RB#0	1.0827	1.277	PASS
Band25	1.4MHz	16QAM	26047	6RB#0	1.0776	1.272	PASS
Band25	1.4MHz	16QAM	26365	6RB#0	1.0787	1.234	PASS
Band25	1.4MHz	16QAM	26683	6RB#0	1.0805	1.272	PASS
Band25	3MHz	QPSK	26055	15RB#0	2.6843	2.934	PASS
Band25	3MHz	QPSK	26365	15RB#0	2.6856	2.919	PASS
Band25	3MHz	QPSK	26675	15RB#0	2.6878	2.910	PASS
Band25	3MHz	16QAM	26055	15RB#0	2.6682	2.857	PASS
Band25	3MHz	16QAM	26365	15RB#0	2.6717	2.851	PASS
Band25	3MHz	16QAM	26675	15RB#0	2.6756	2.858	PASS
Band25	5MHz	QPSK	26065	25RB#0	4.4708	4.914	PASS
Band25	5MHz	QPSK	26365	25RB#0	4.4825	4.923	PASS
Band25	5MHz	QPSK	26665	25RB#0	4.4856	4.934	PASS
Band25	5MHz	16QAM	26065	25RB#0	4.4767	4.949	PASS
Band25	5MHz	16QAM	26365	25RB#0	4.4841	5.062	PASS
Band25	5MHz	16QAM	26665	25RB#0	4.4769	4.964	PASS
Band25	10MHz	QPSK	26090	50RB#0	8.9325	9.690	PASS
Band25	10MHz	QPSK	26365	50RB#0	8.9231	9.670	PASS
Band25	10MHz	QPSK	26640	50RB#0	8.9323	9.689	PASS
Band25	10MHz	16QAM	26090	25RB#0	4.5337	5.498	PASS
Band25	10MHz	16QAM	26365	25RB#0	4.5560	5.455	PASS
Band25	10MHz	16QAM	26640	25RB#0	4.5321	5.494	PASS
Band25	15MHz	QPSK	26115	75RB#0	8.9599	9.890	PASS
Band25	15MHz	QPSK	26365	75RB#0	8.9552	10.00	PASS
Band25	15MHz	QPSK	26615	75RB#0	8.9618	10.07	PASS
Band25	15MHz	16QAM	26115	25RB#0	4.6265	5.857	PASS
Band25	15MHz	16QAM	26365	25RB#0	4.6326	5.774	PASS
Band25	15MHz	16QAM	26615	25RB#0	4.6055	5.803	PASS
Band25	20MHz	QPSK	26140	100RB#0	17.812	19.31	PASS
Band25	20MHz	QPSK	26365	100RB#0	17.806	19.11	PASS
Band25	20MHz	QPSK	26590	100RB#0	17.805	18.86	PASS
Band25	20MHz	16QAM	26140	25RB#0	4.7109	6.134	PASS
Band25	20MHz	16QAM	26365	25RB#0	4.7318	6.073	PASS
Band25	20MHz	16QAM	26590	25RB#0	4.7453	6.045	PASS
Band26	1.4MHz	QPSK	26797	6RB#0	1.0756	1.247	PASS
Band26	1.4MHz	QPSK	26915	6RB#0	1.0817	1.239	PASS
Band26	1.4MHz	QPSK	27033	6RB#0	1.0786	1.244	PASS
Band26	1.4MHz	16QAM	26797	6RB#0	1.0782	1.235	PASS
Band26	1.4MHz	16QAM	26915	6RB#0	1.0761	1.215	PASS
Band26	1.4MHz	16QAM	27033	6RB#0	1.0813	1.266	PASS
Band26	3MHz	QPSK	26805	15RB#0	2.6856	3.155	PASS

Band26	3MHz	QPSK	26915	15RB#0	2.6857	2.830	PASS
Band26	3MHz	QPSK	27025	15RB#0	2.6765	2.905	PASS
Band26	3MHz	16QAM	26805	15RB#0	2.6704	2.861	PASS
Band26	3MHz	16QAM	26915	15RB#0	2.6795	2.864	PASS
Band26	3MHz	16QAM	27025	15RB#0	2.6731	2.848	PASS
Band26	5MHz	QPSK	26815	25RB#0	4.4864	4.937	PASS
Band26	5MHz	QPSK	26915	25RB#0	4.4700	4.900	PASS
Band26	5MHz	QPSK	27015	25RB#0	4.4759	4.926	PASS
Band26	5MHz	16QAM	26815	25RB#0	4.4685	4.858	PASS
Band26	5MHz	16QAM	26915	25RB#0	4.4762	4.836	PASS
Band26	5MHz	16QAM	27015	25RB#0	4.4698	4.810	PASS
Band26	10MHz	QPSK	26840	50RB#0	8.9358	9.690	PASS
Band26	10MHz	QPSK	26915	50RB#0	8.9403	9.678	PASS
Band26	10MHz	QPSK	26990	50RB#0	8.9164	9.738	PASS
Band26	10MHz	16QAM	26840	25RB#0	4.5380	5.318	PASS
Band26	10MHz	16QAM	26915	25RB#0	4.5290	5.272	PASS
Band26	10MHz	16QAM	26990	25RB#0	4.5420	5.311	PASS
Band26	15MHz	QPSK	26865	75RB#0	8.9592	9.962	PASS
Band26	15MHz	QPSK	26915	75RB#0	8.9738	10.03	PASS
Band26	15MHz	QPSK	26965	75RB#0	8.9916	10.09	PASS
Band26	15MHz	16QAM	26865	25RB#0	4.5943	5.647	PASS
Band26	15MHz	16QAM	26915	25RB#0	4.6076	5.627	PASS
Band26	15MHz	16QAM	26965	25RB#0	4.6009	5.622	PASS

Test Graphs



Band2-1.4MHz-QPSK-18607-6RB#0-1.0781



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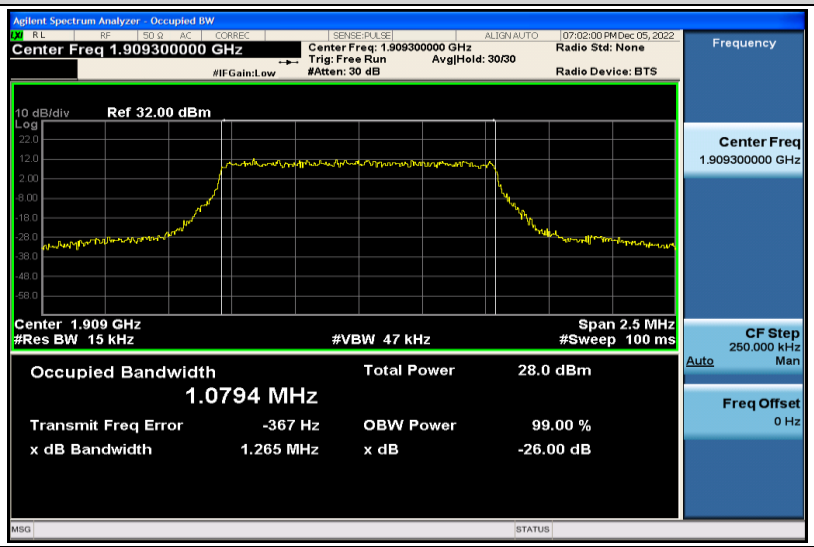

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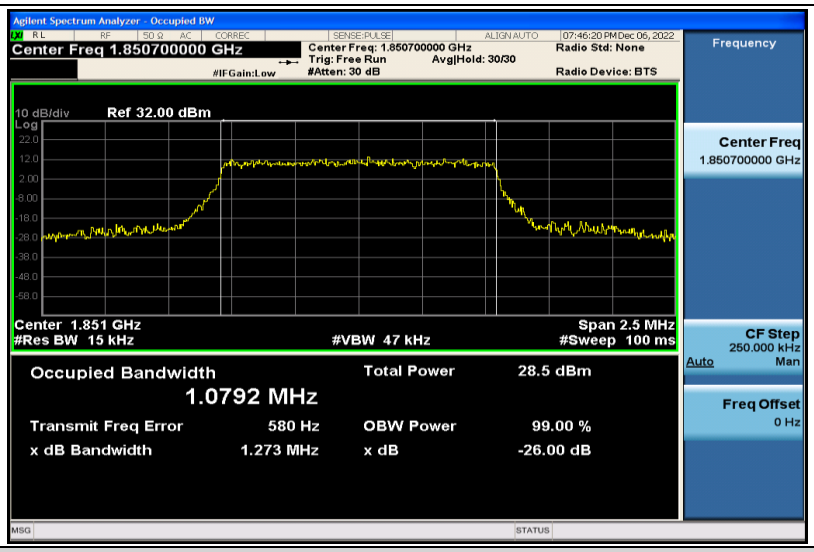

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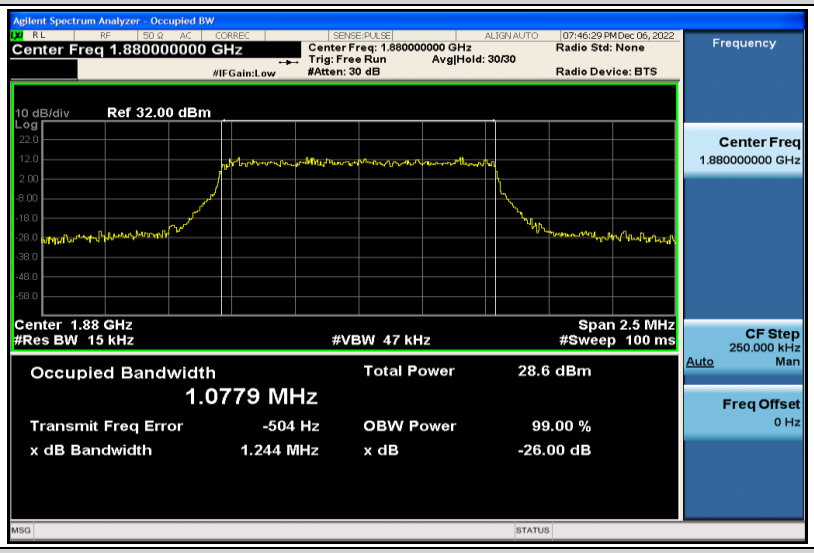

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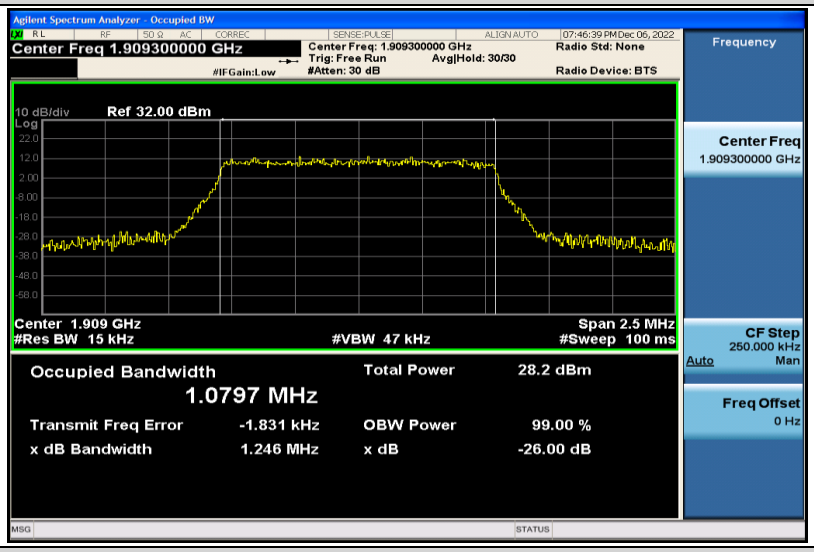

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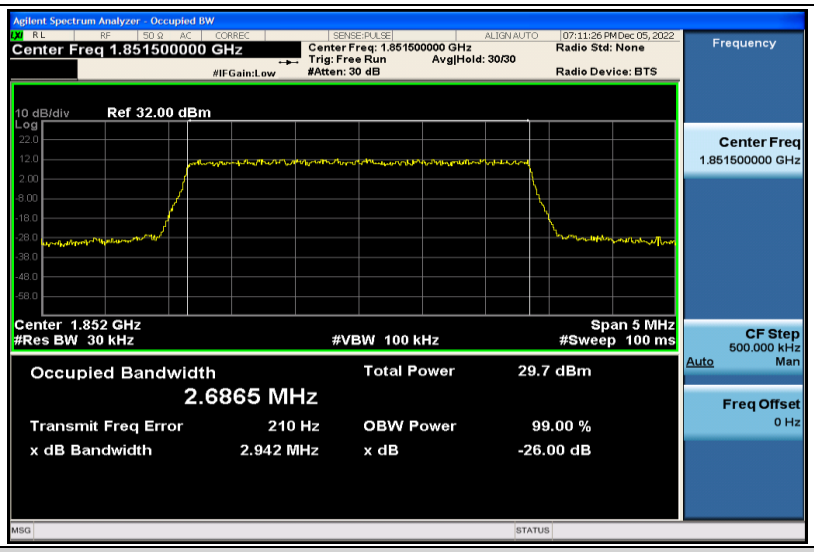
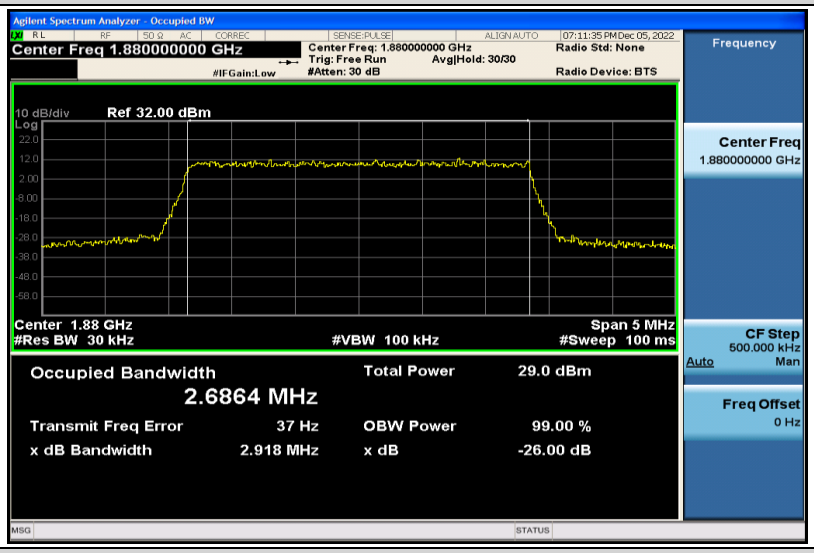


Band2-3MHz-QPSK-18615-15RB#0-2.6865



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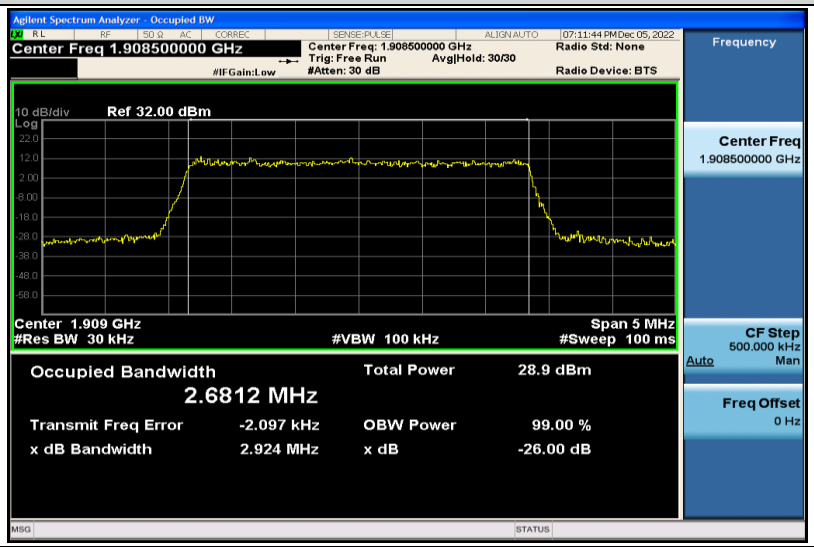
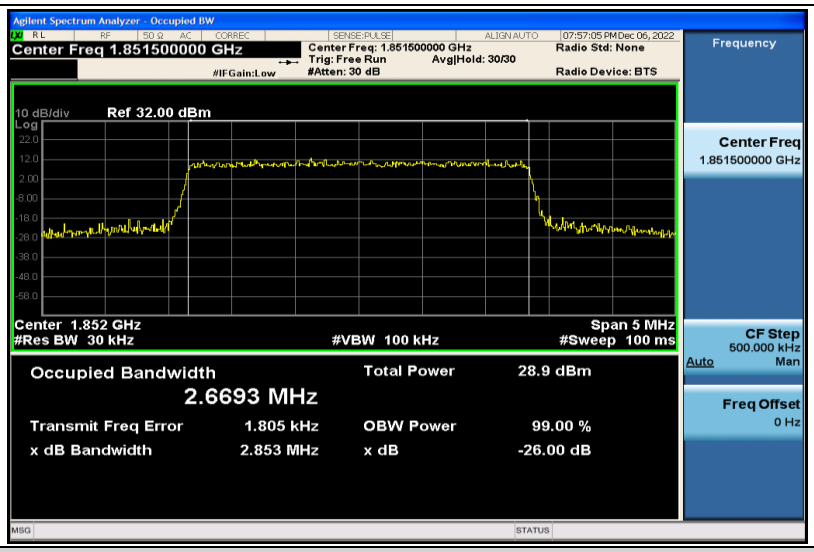


Band2-3MHz-QPSK-19185-15RB#0-2.6812



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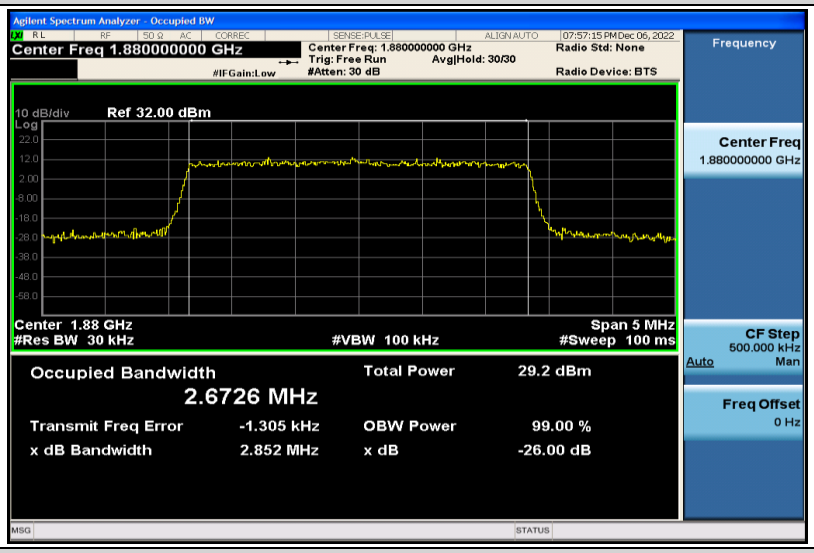

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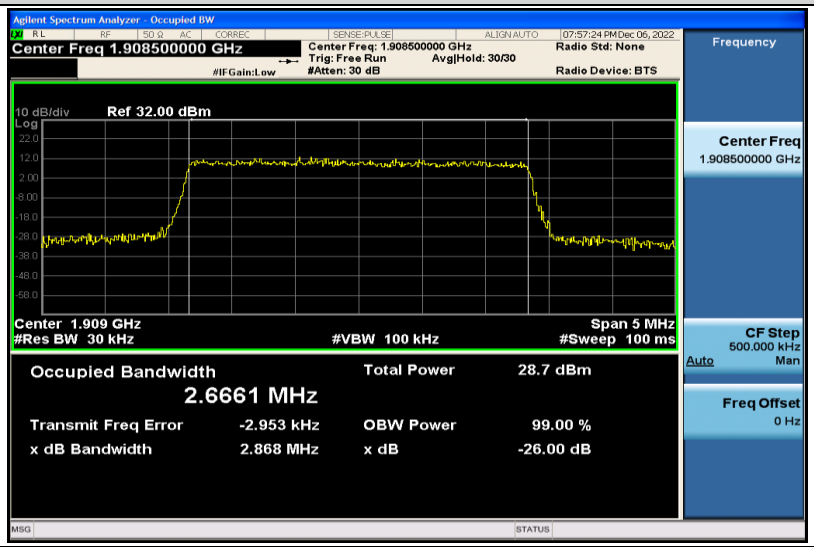

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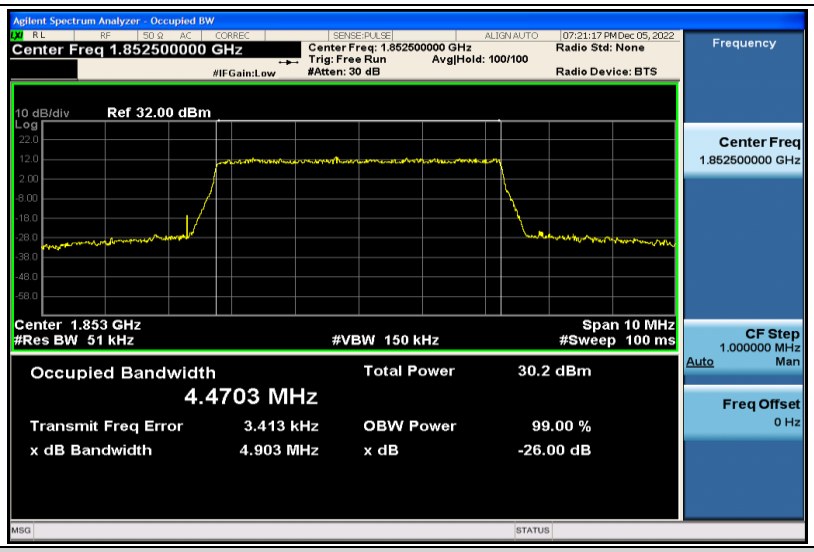

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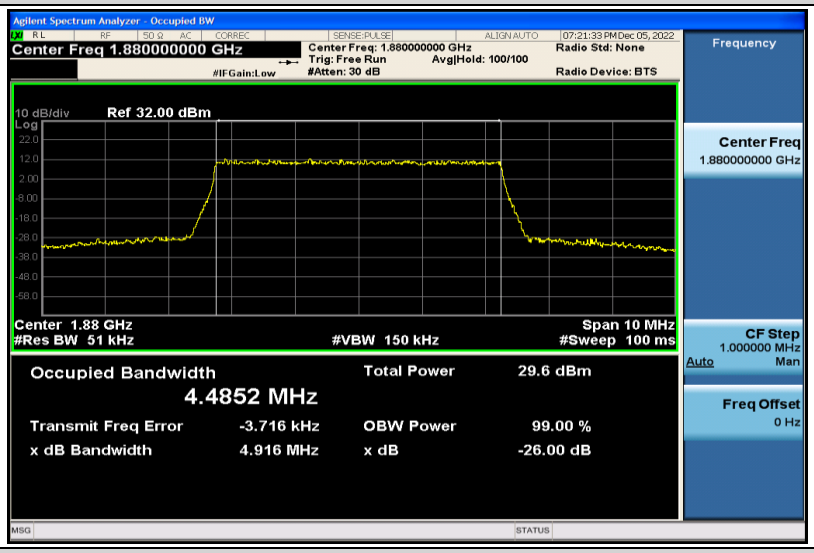

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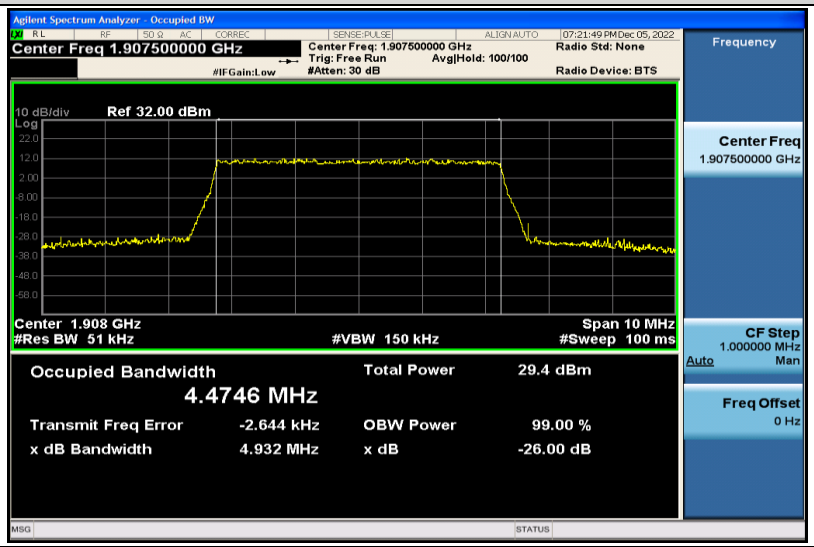

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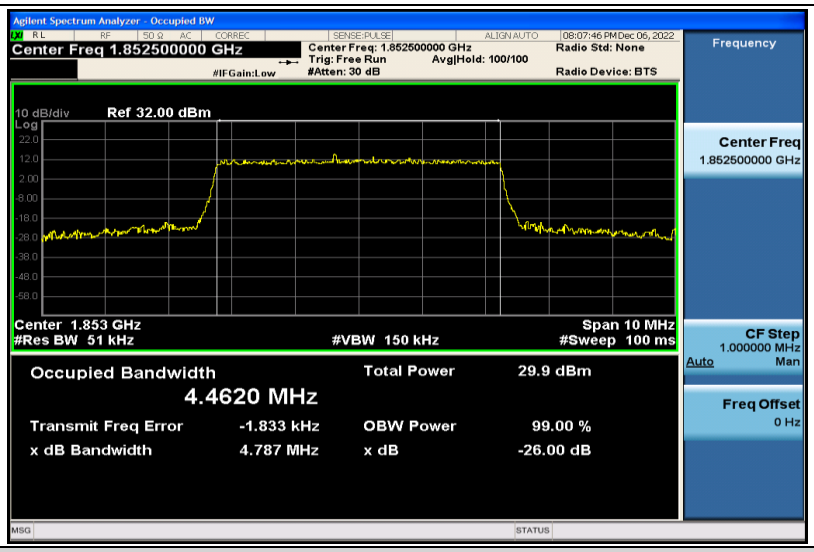

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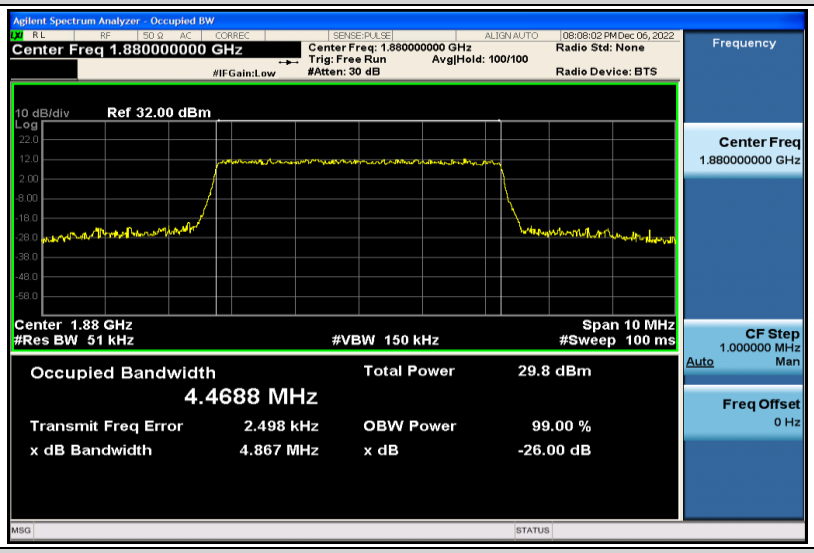

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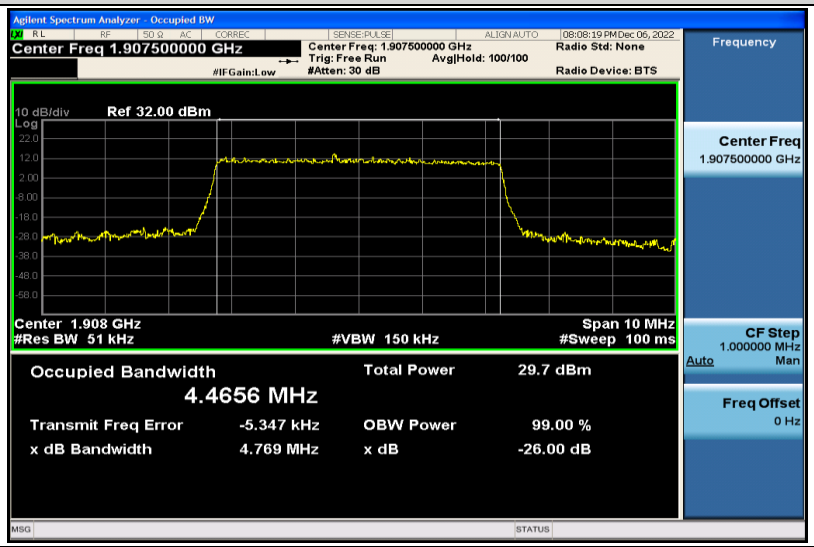

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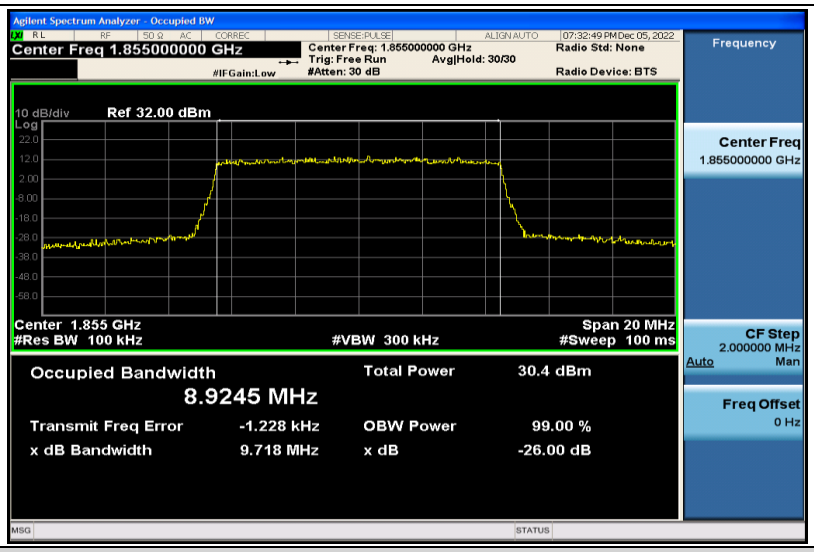

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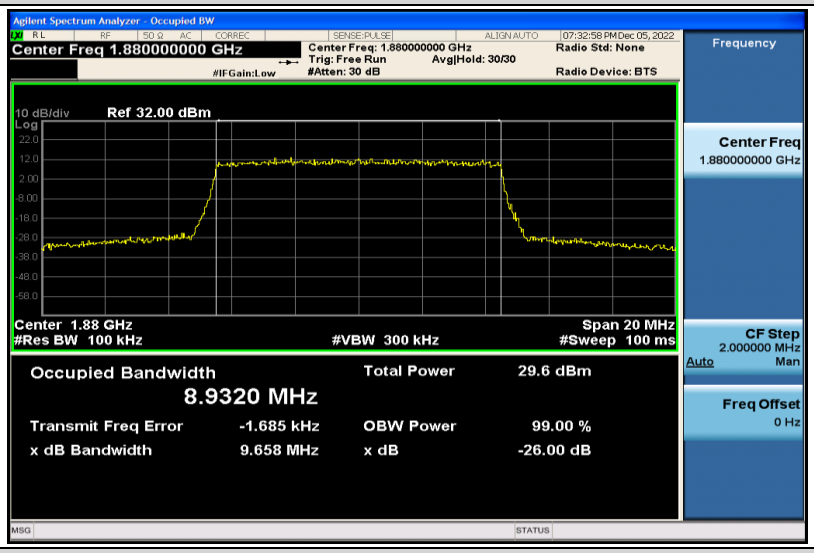

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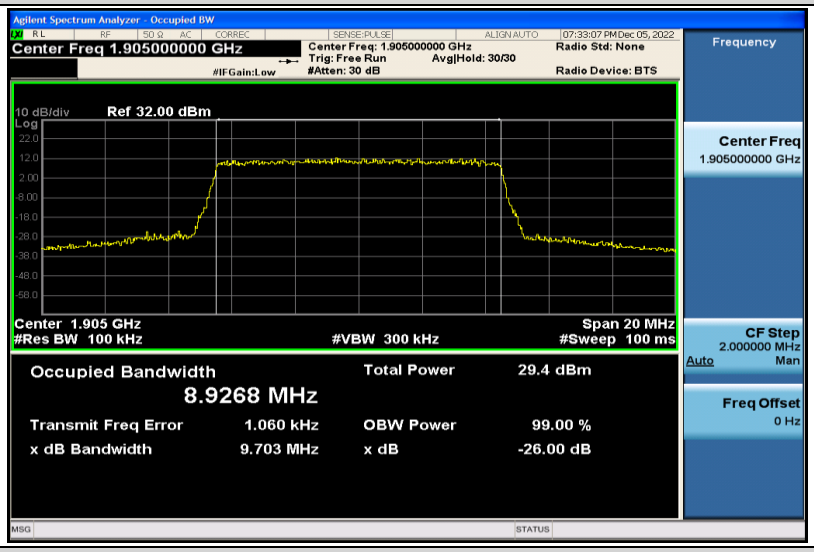

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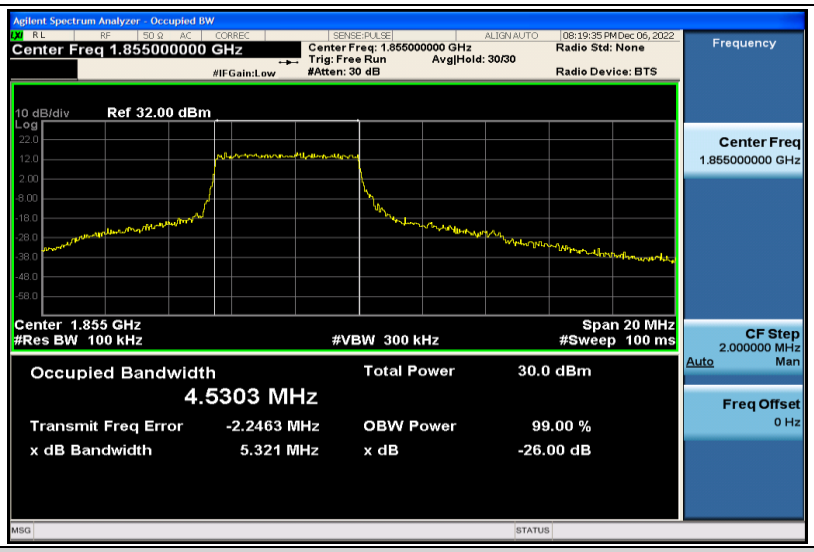

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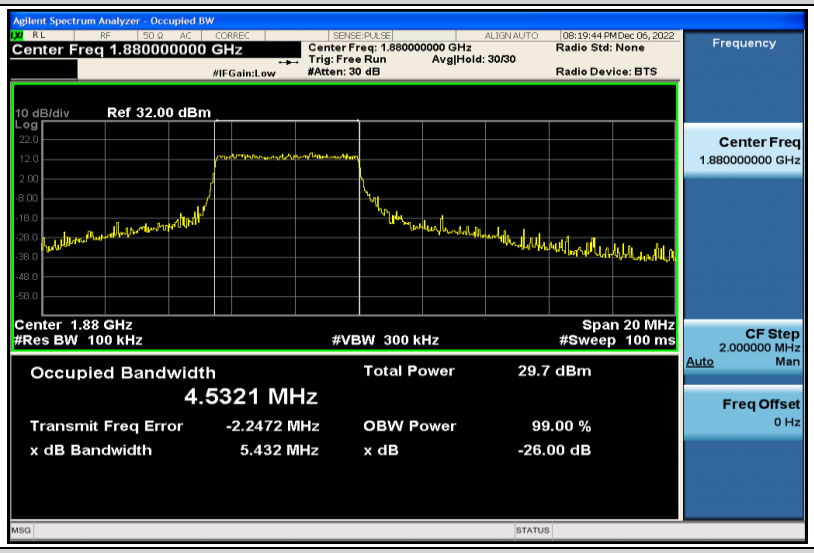

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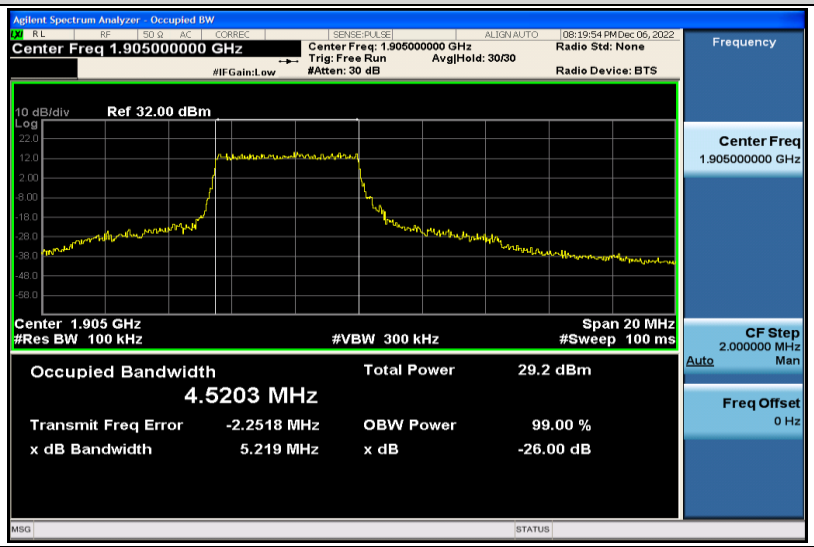

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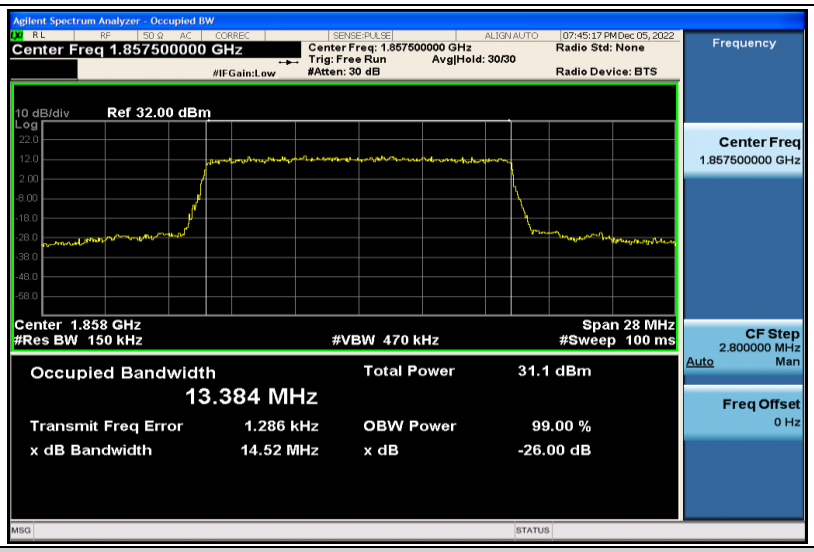
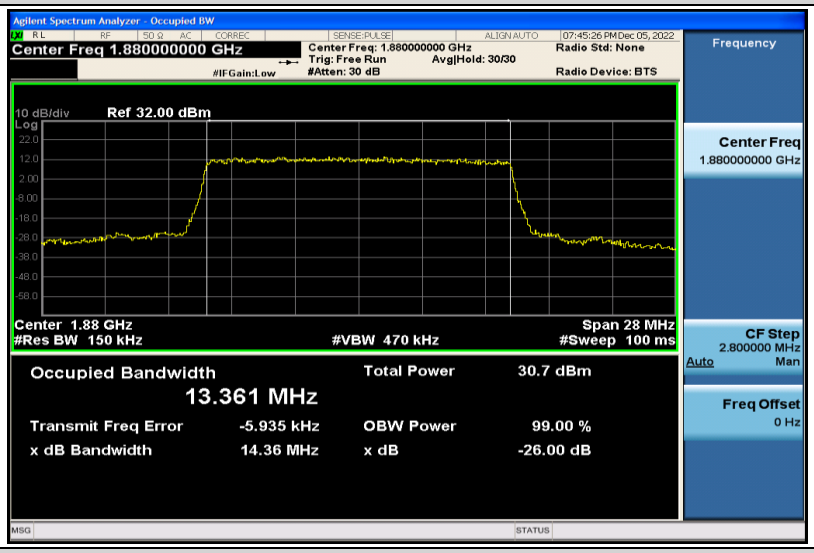


Band2-15MHz-QPSK-18675-75RB#0-13.384



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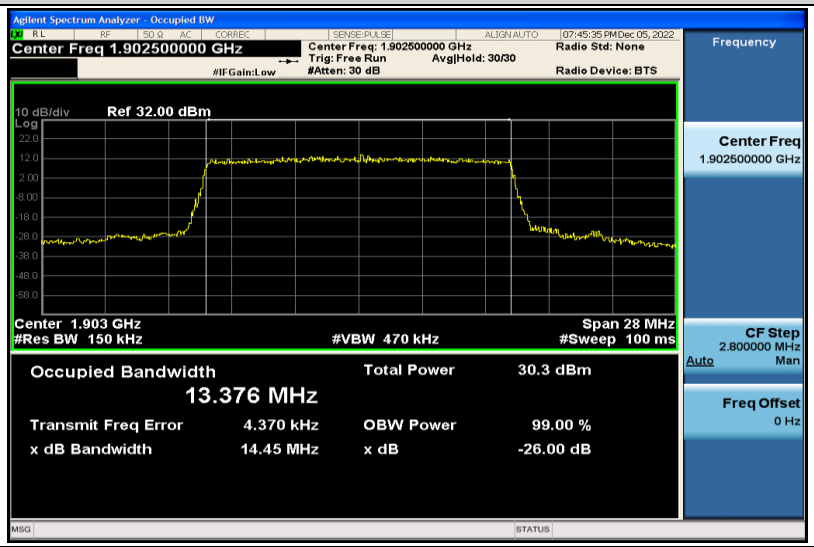

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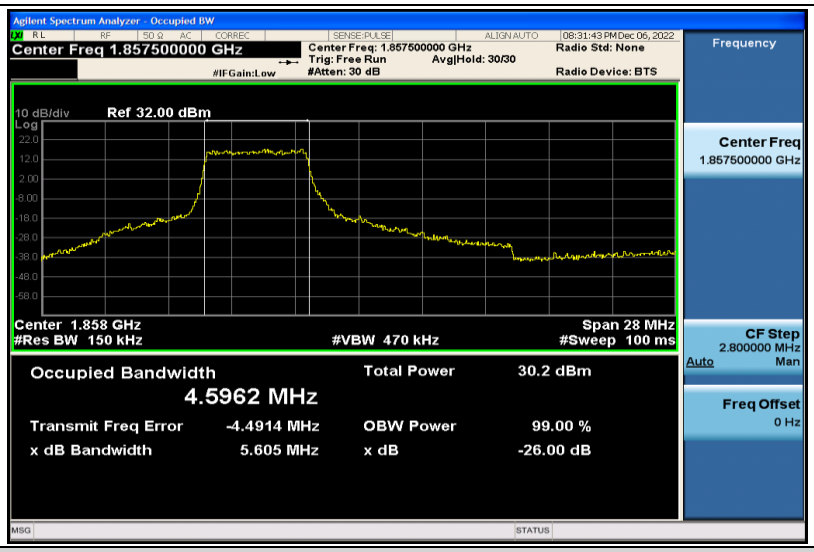

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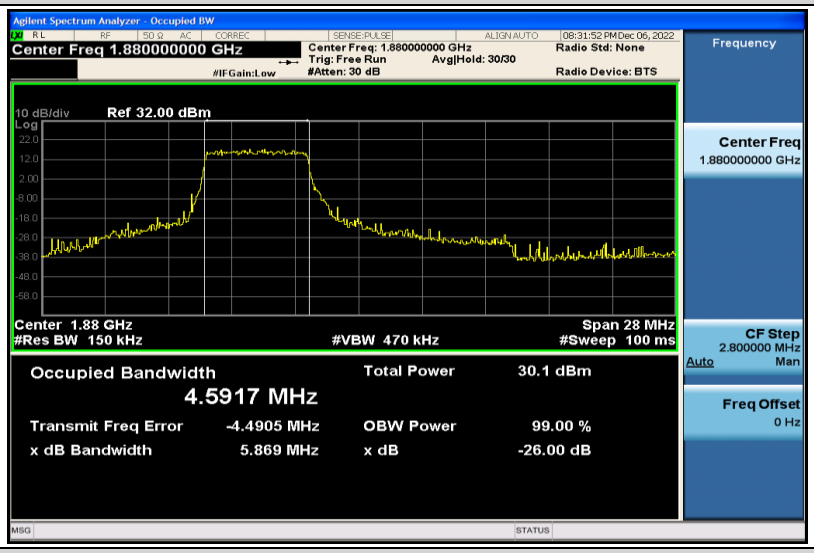

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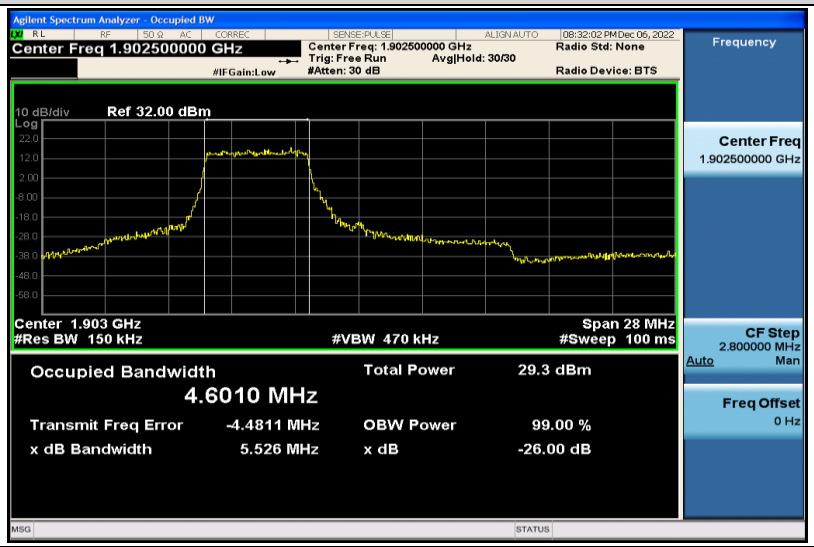

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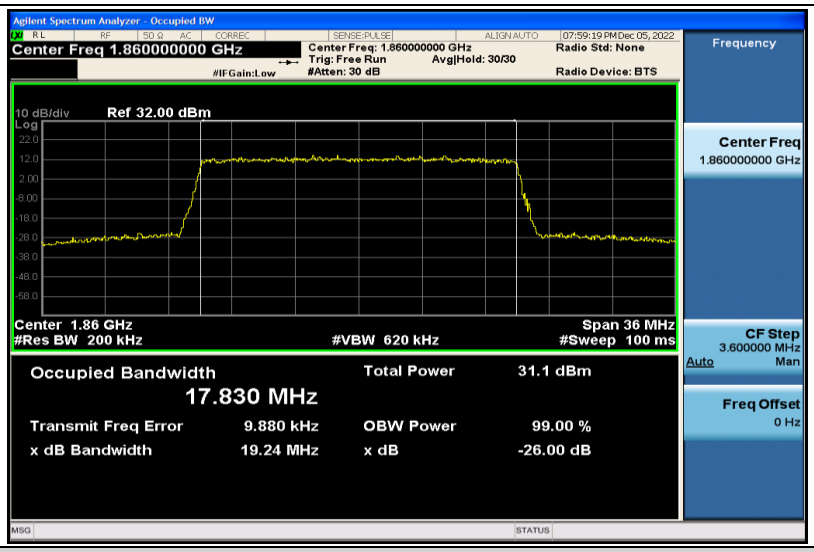

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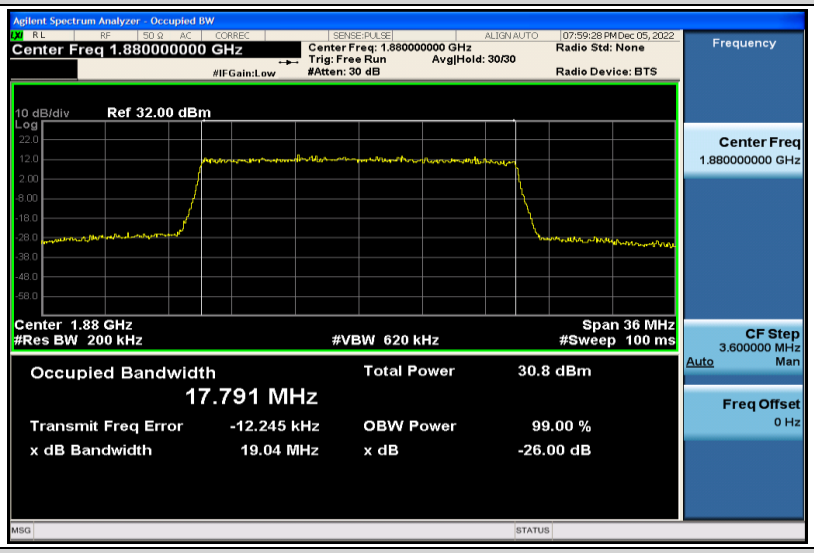

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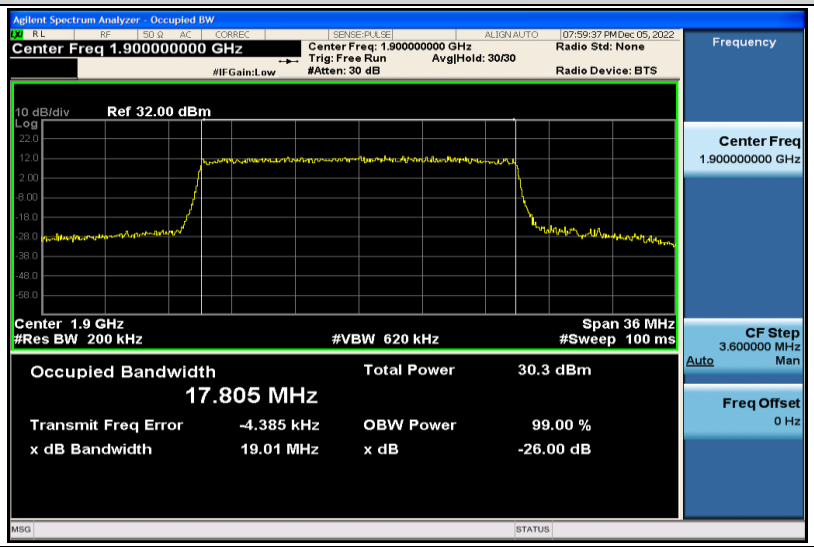

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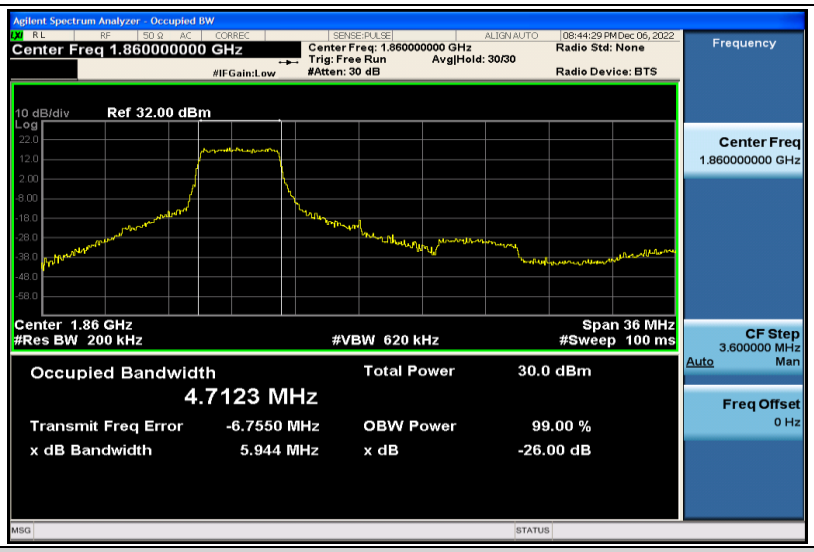

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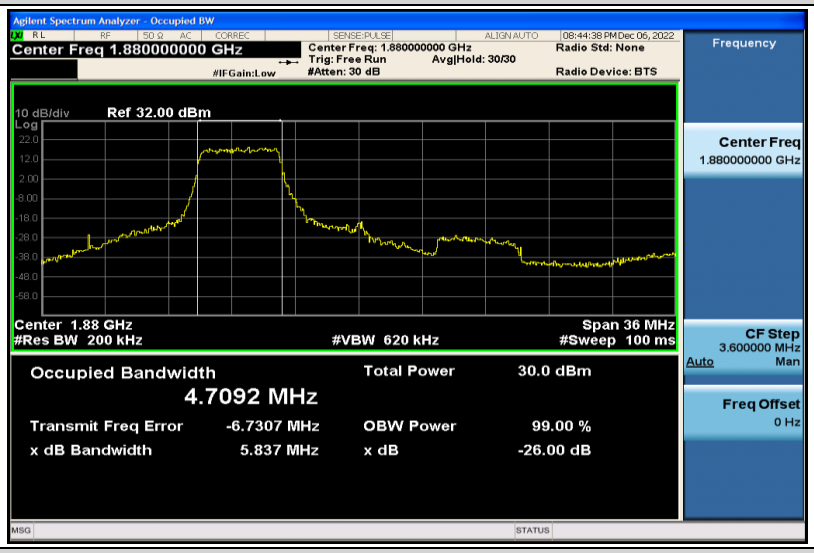

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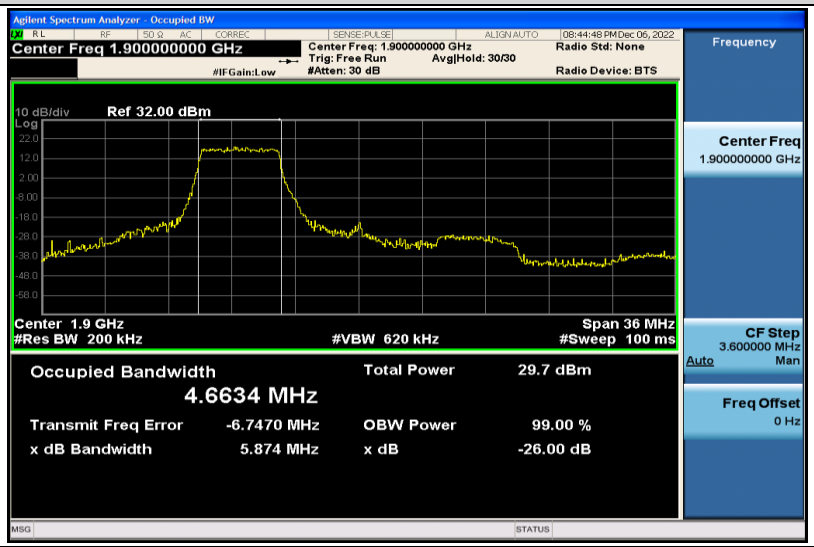

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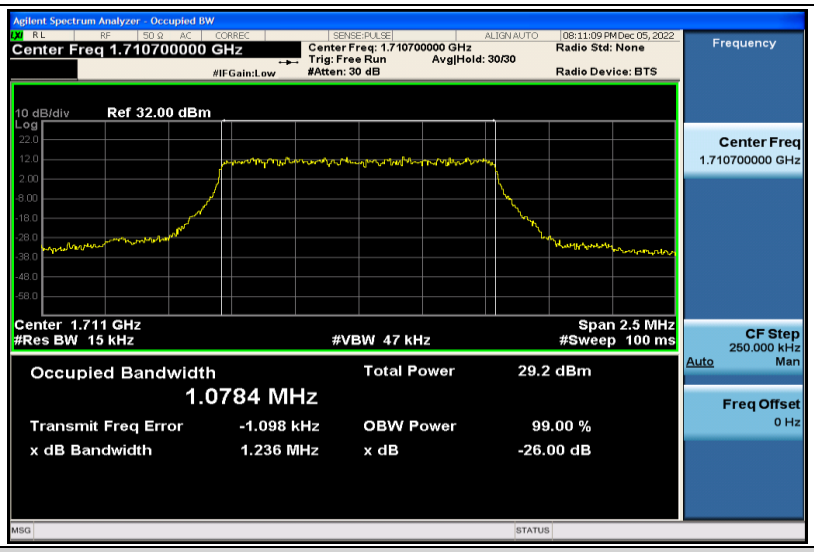

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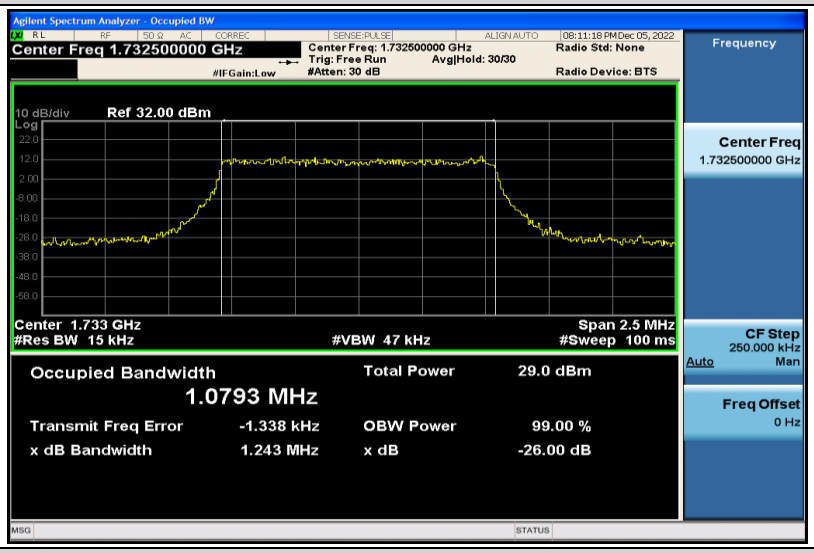

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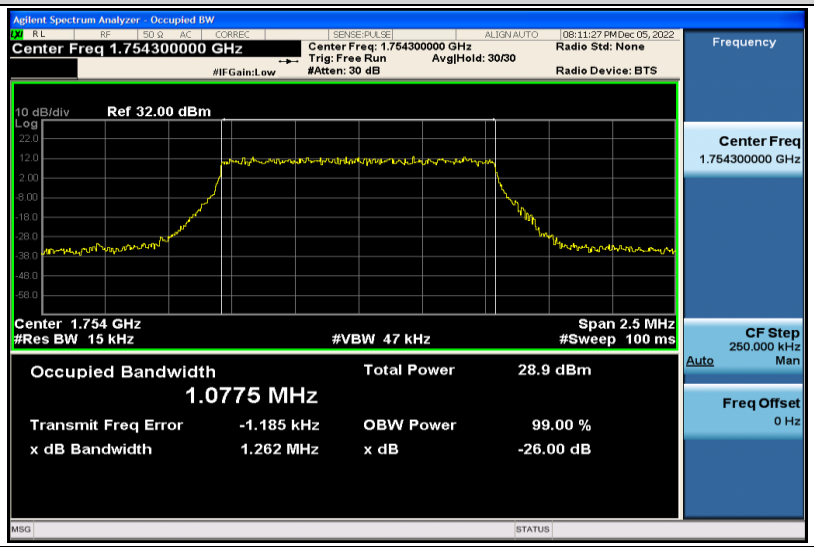

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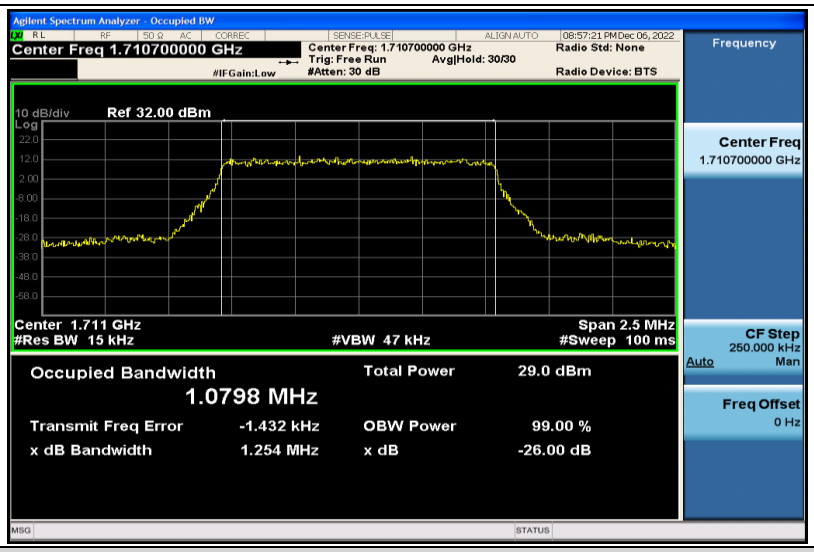

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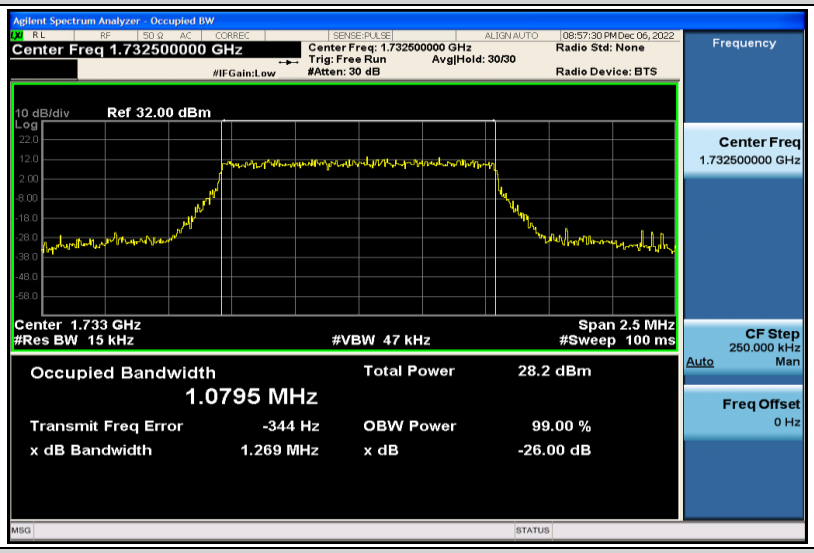

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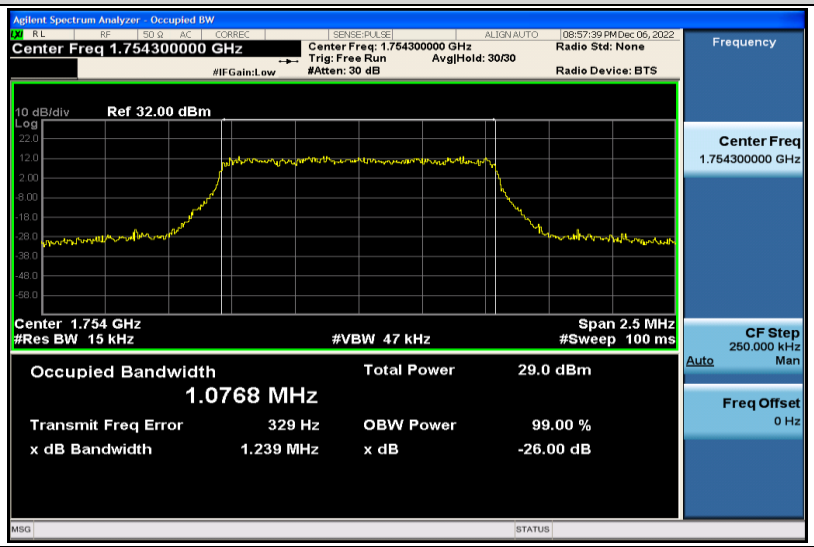

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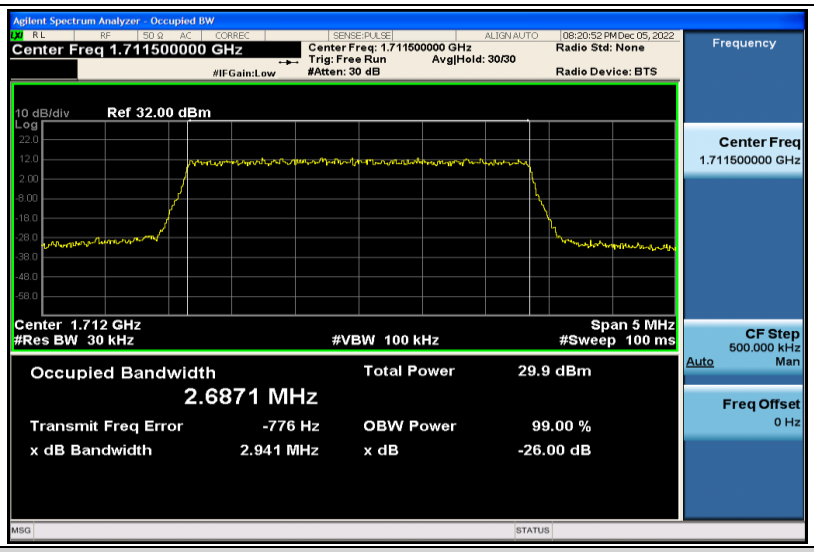
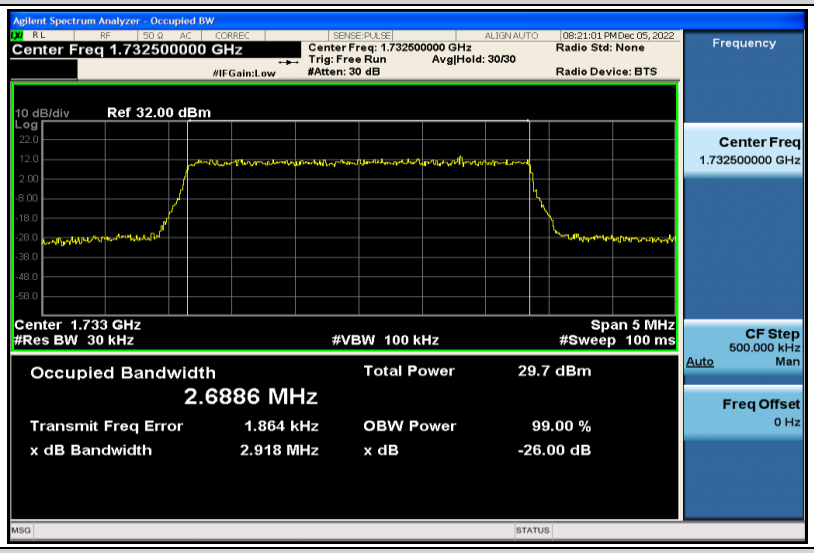
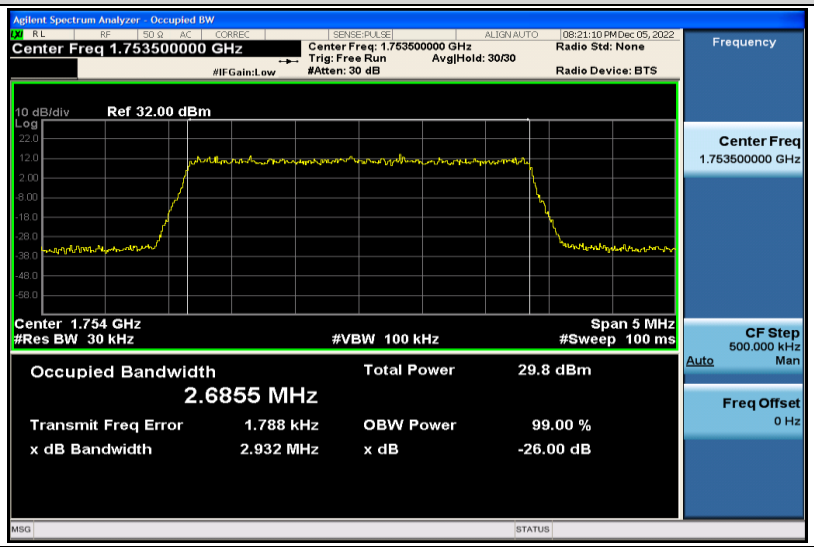


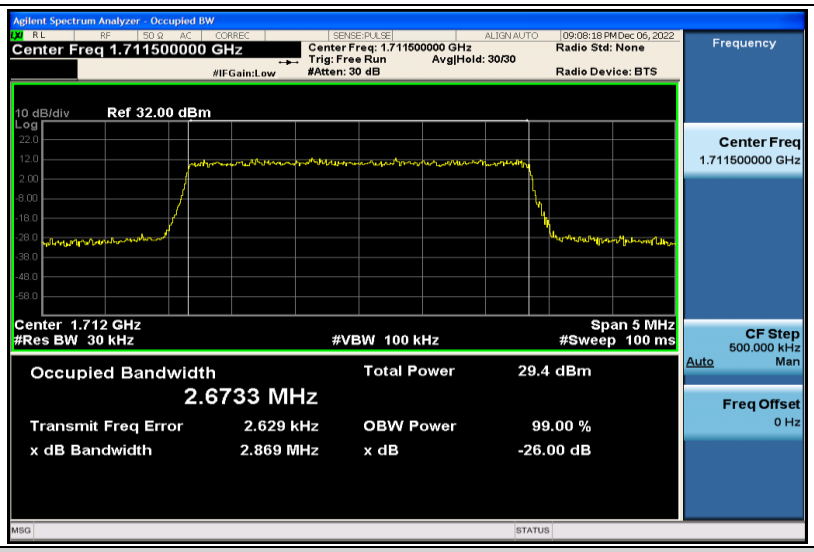
Band4-3MHz-QPSK-19965-15RB#0-2.6871



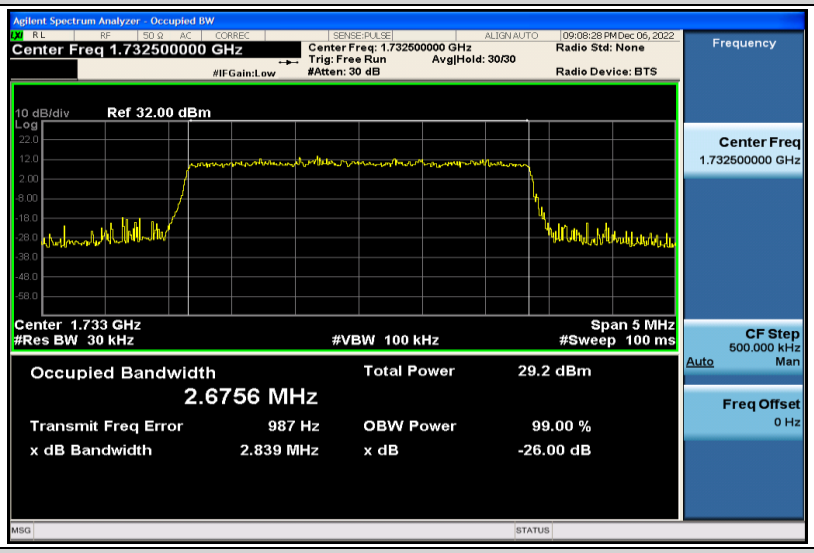
Band4-3MHz-QPSK-20175-15RB#0-2.6886



Band4-3MHz-QPSK-20385-15RB#0-2.6855



Band4-3MHz-16QAM-19965-15RB#0-2.6733



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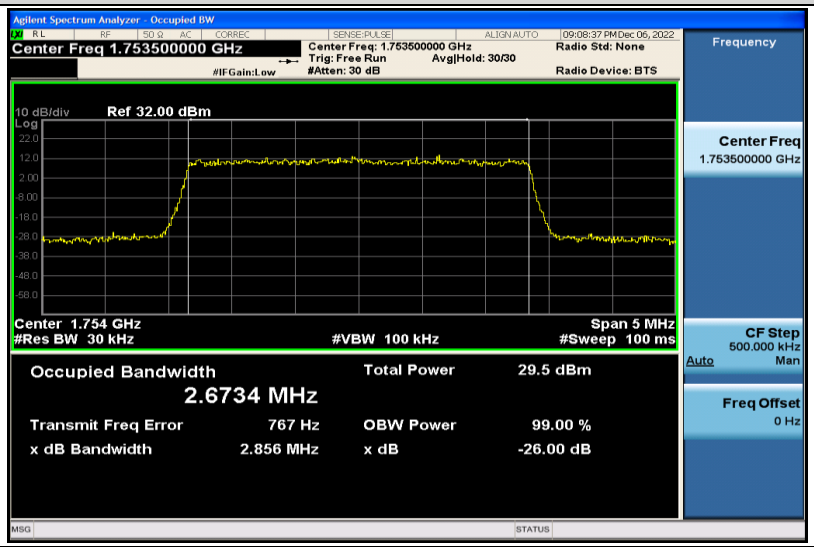

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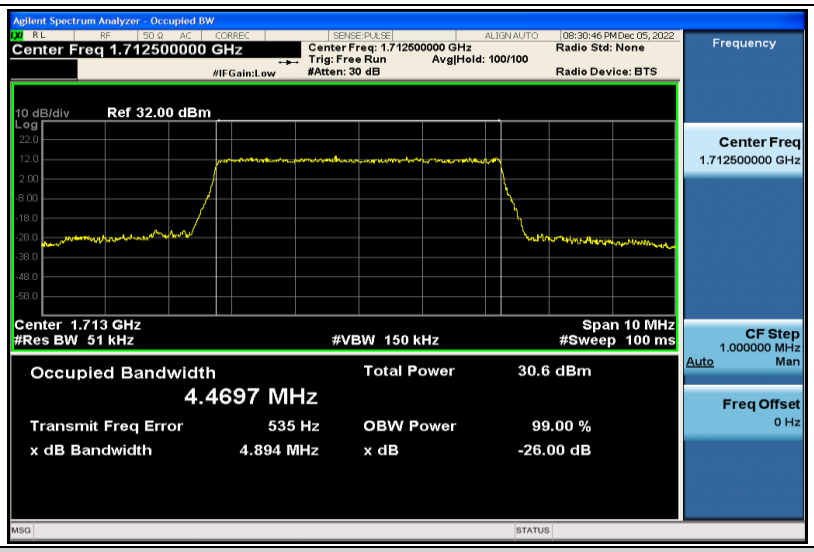
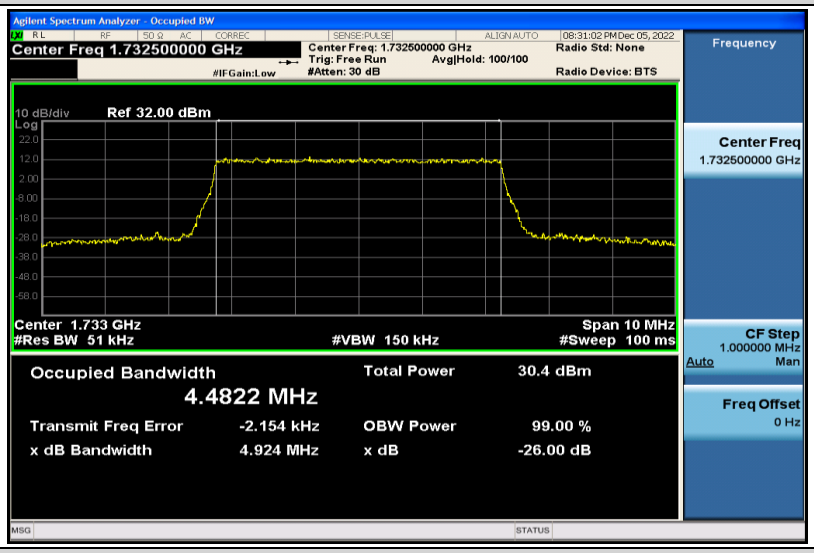
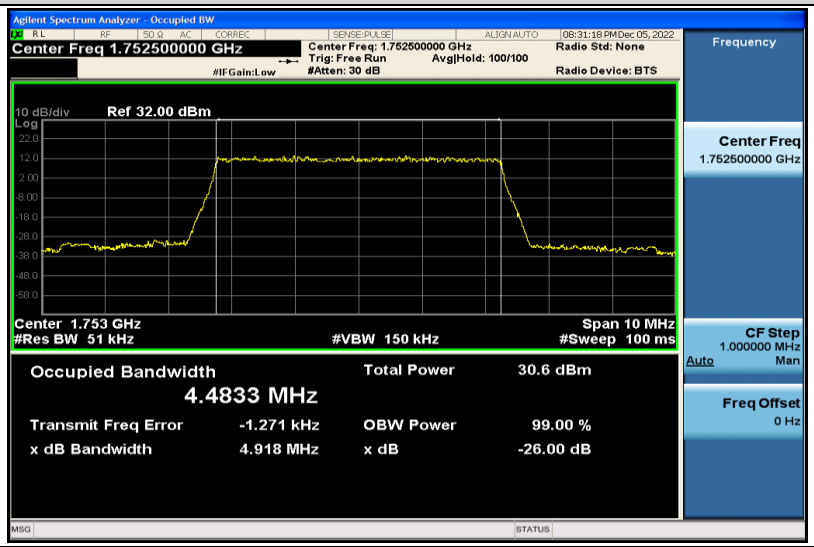


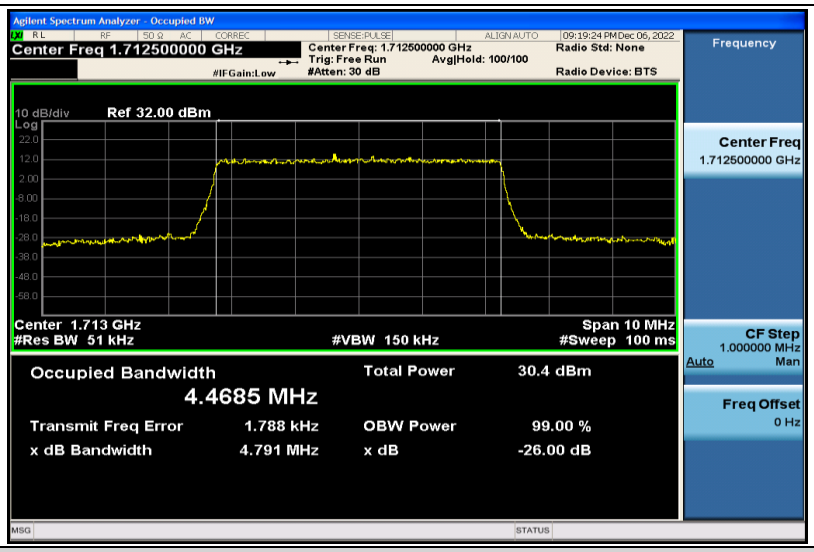
Band4-5MHz-QPSK-19975-25RB#0-4.4697



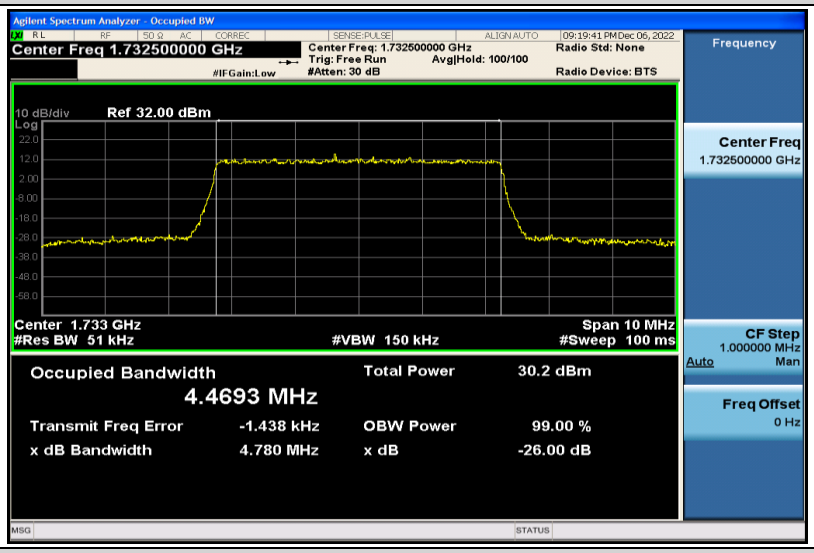
Band4-5MHz-QPSK-20175-25RB#0-4.4822



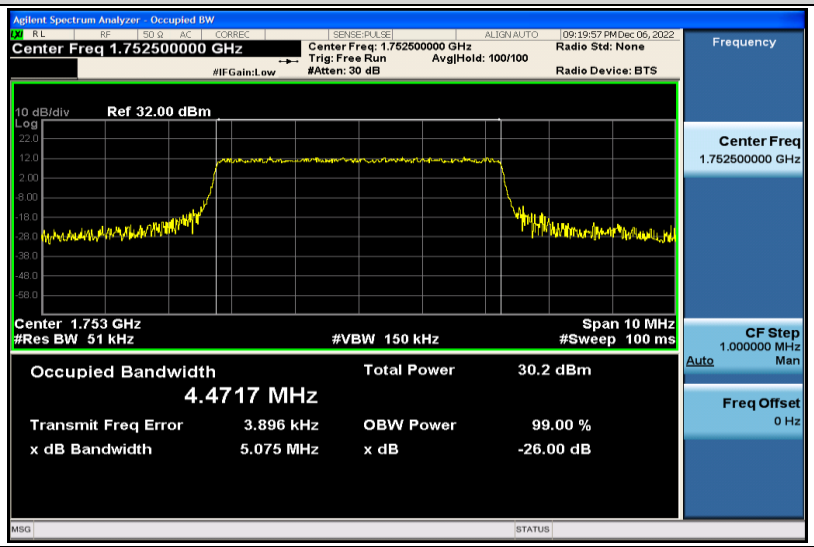
Band4-5MHz-QPSK-20375-25RB#0-4.4833



Band4-5MHz-16QAM-19975-25RB#0-4.4685



Band4-5MHz-16QAM-20175-25RB#0-4.4693



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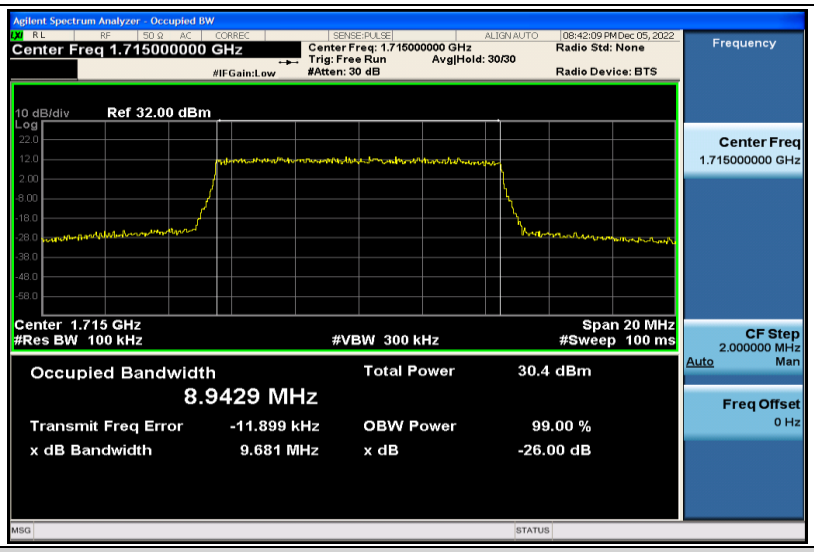
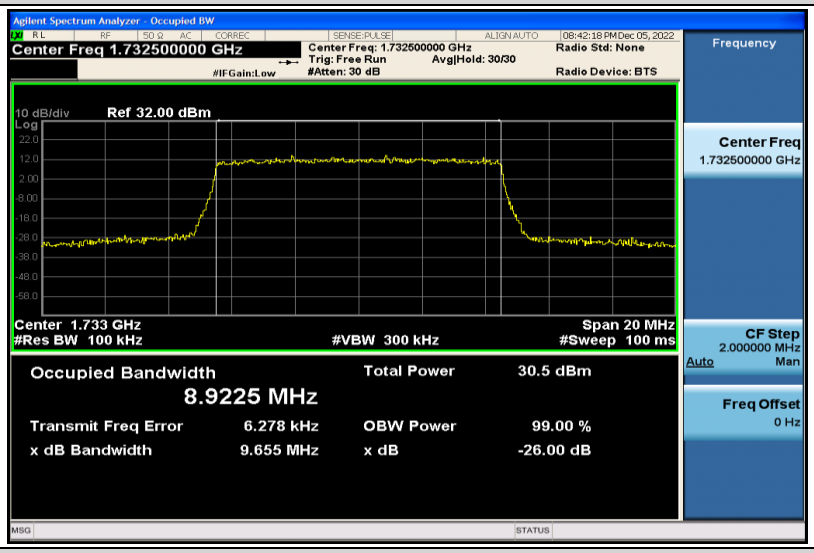


Band4-10MHz-QPSK-20000-50RB#0-8.9429



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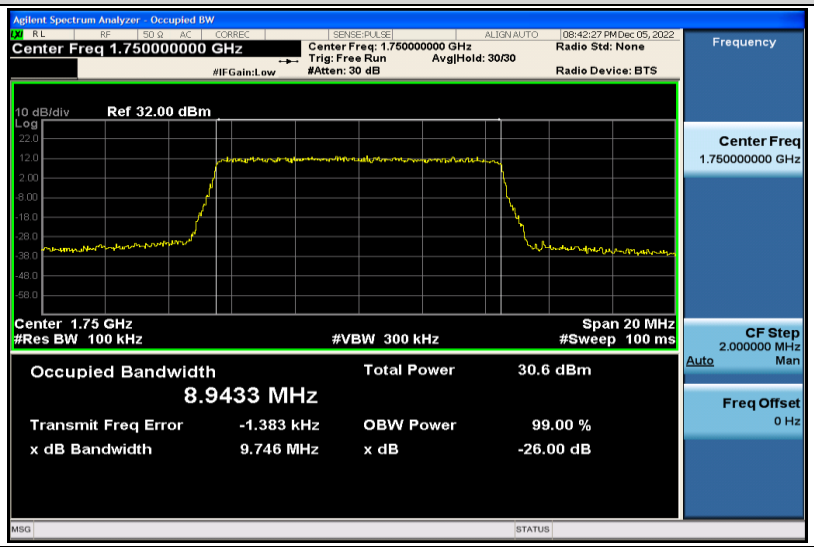
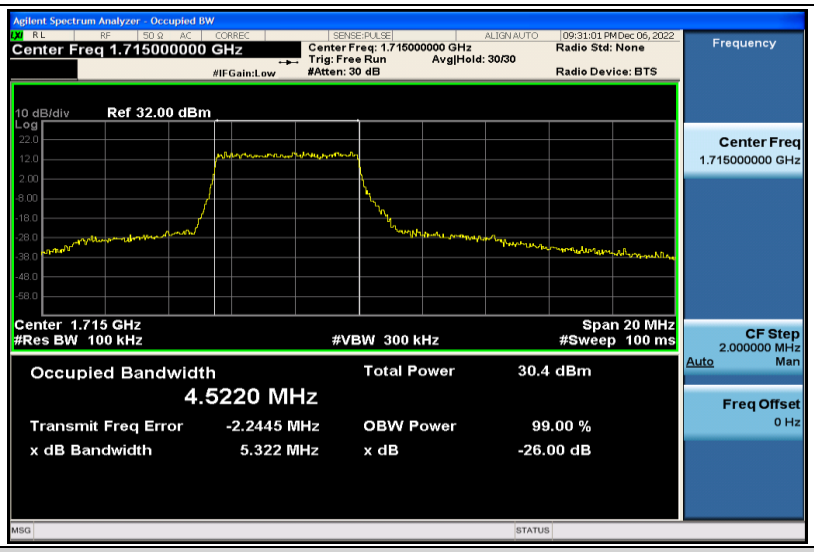


Band4-10MHz-QPSK-20350-50RB#0-8.9433



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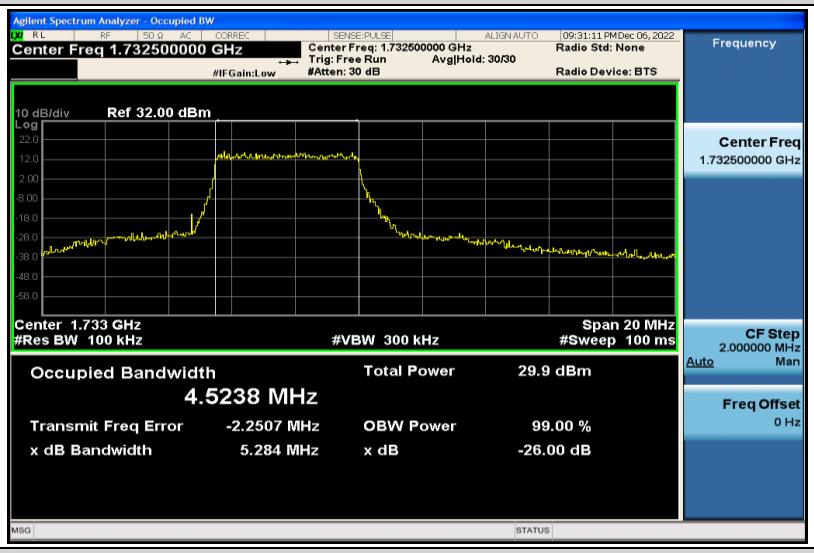

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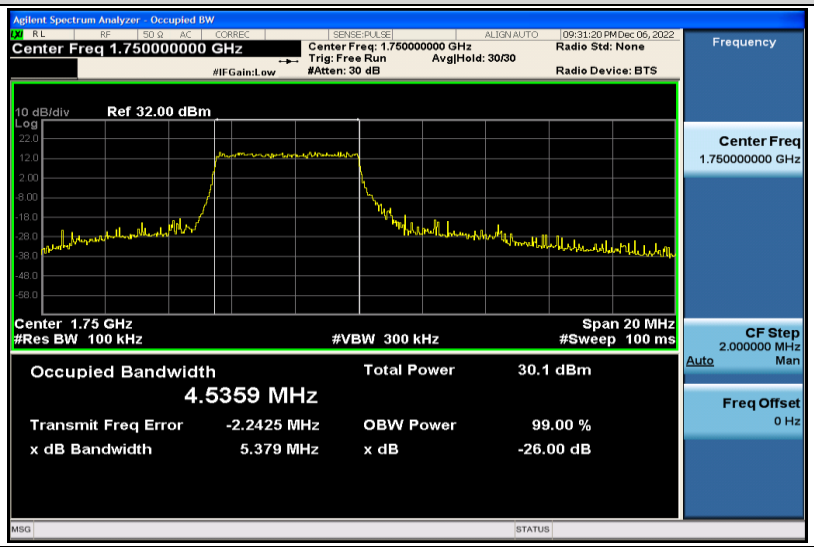
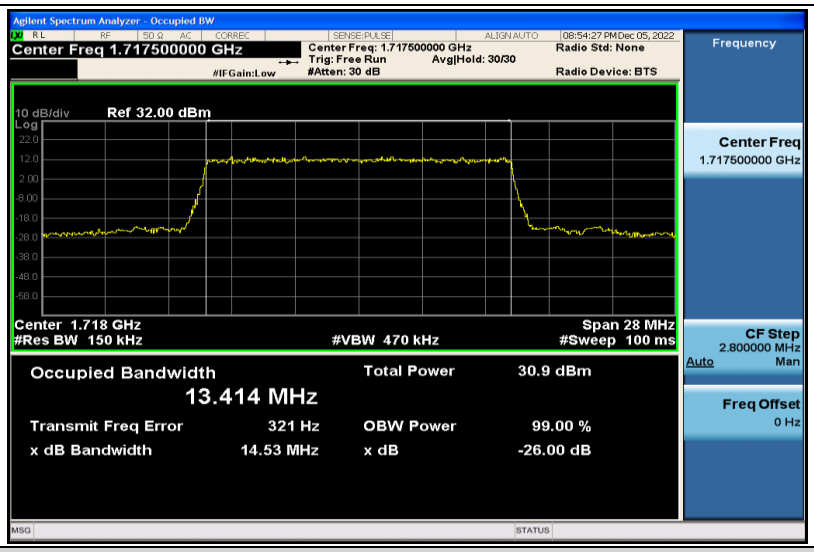
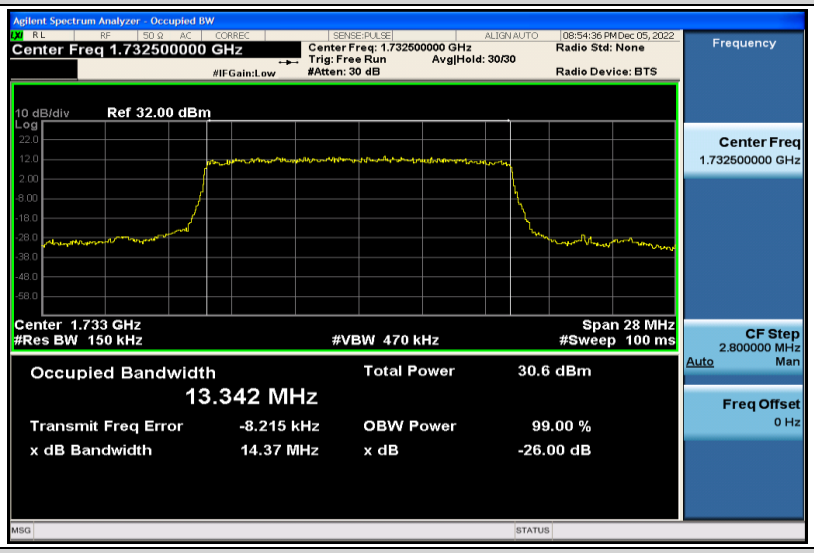


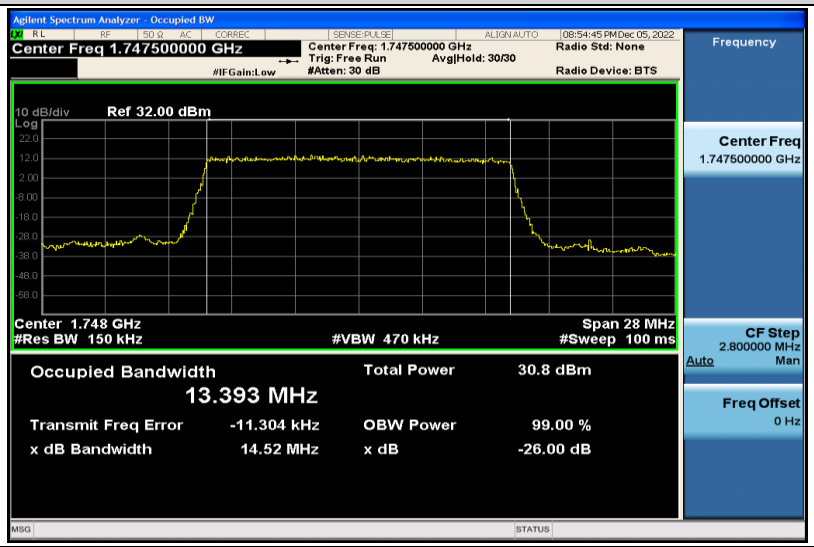
Band4-10MHz-16QAM-20350-25RB#0-4.5359



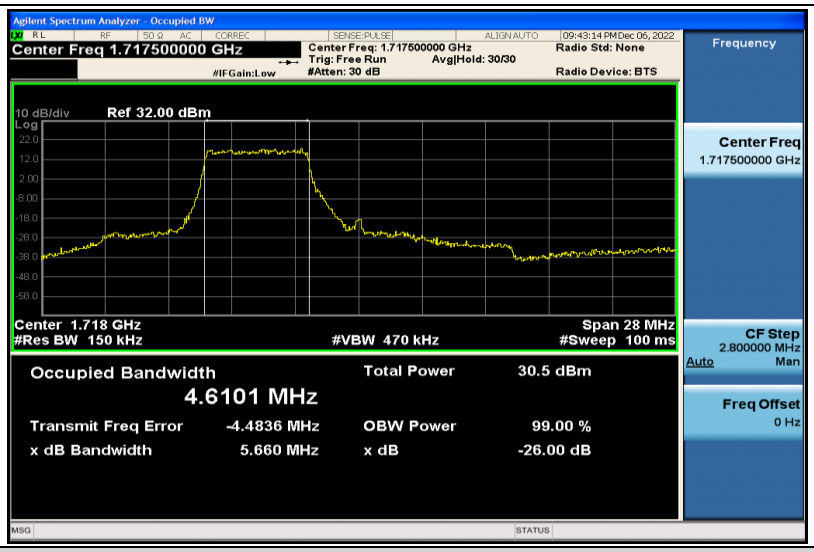
Band4-15MHz-QPSK-20025-75RB#0-13.414



Band4-15MHz-QPSK-20175-75RB#0-13.342



Band4-15MHz-QPSK-20325-75RB#0-13.393



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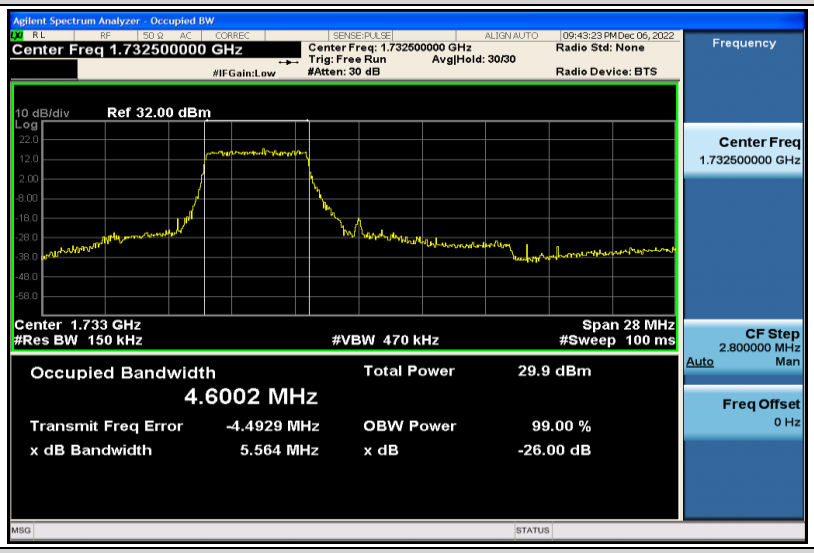

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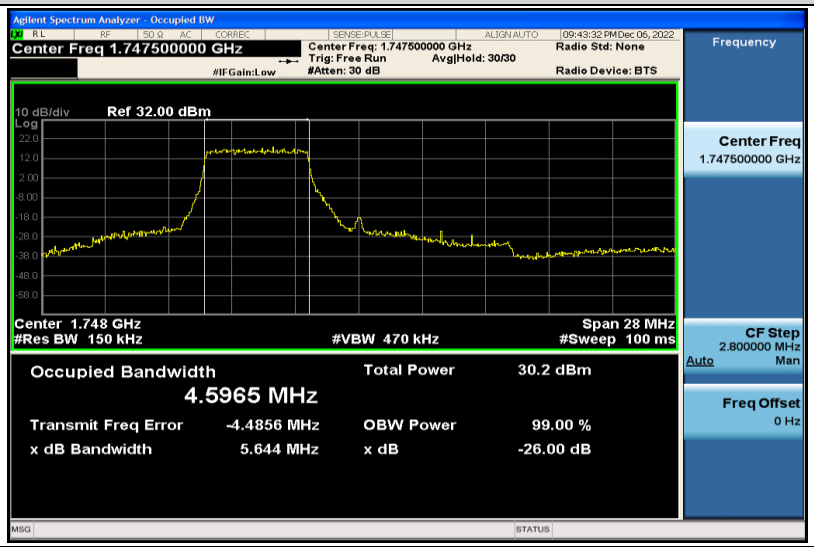
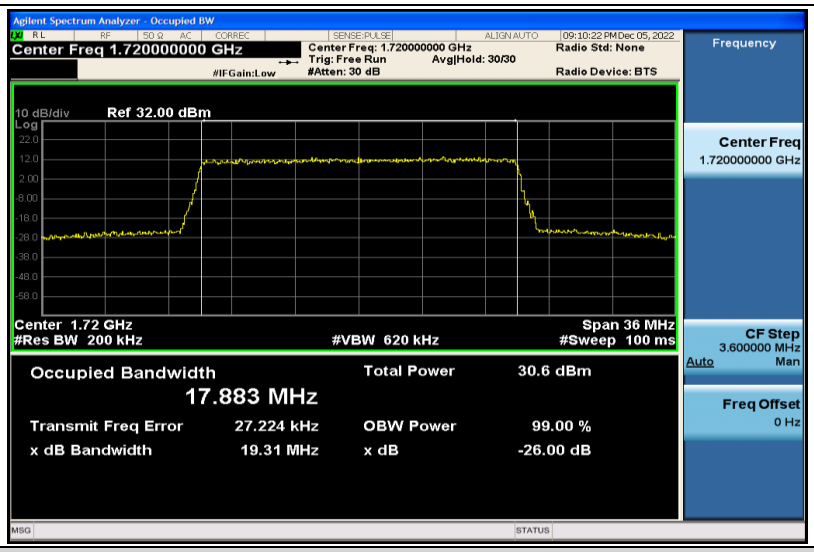
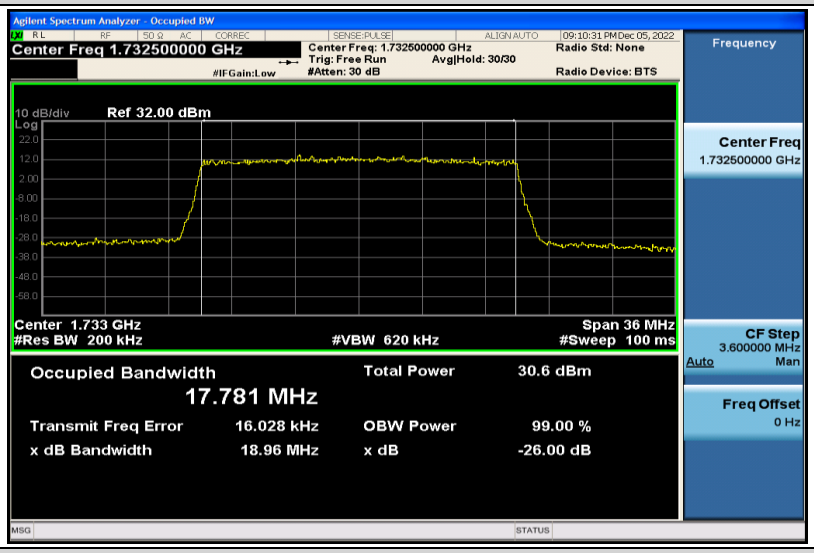


Band4-15MHz-16QAM-20325-25RB#0-4.5965



Band4-20MHz-QPSK-20050-100RB#0-17.883



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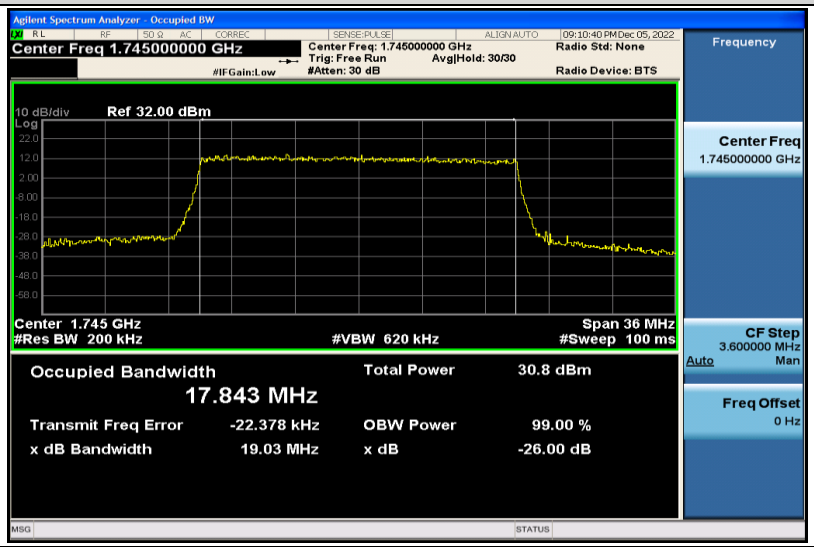

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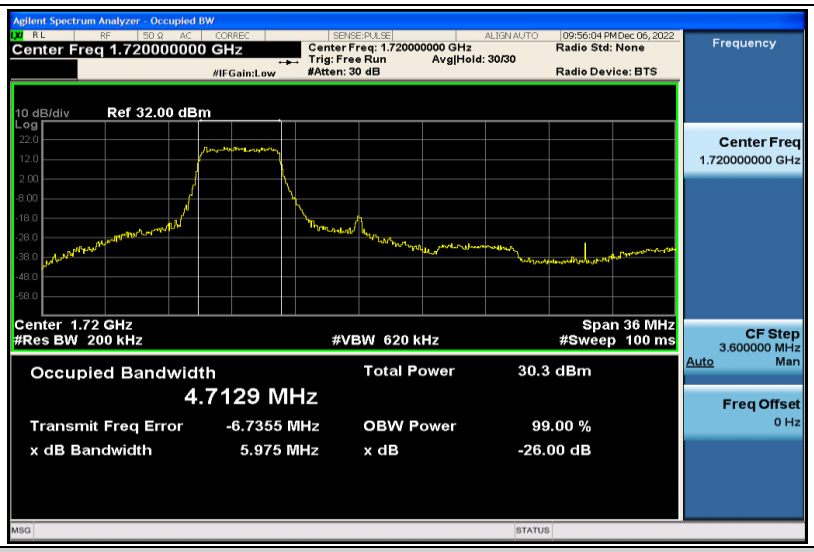
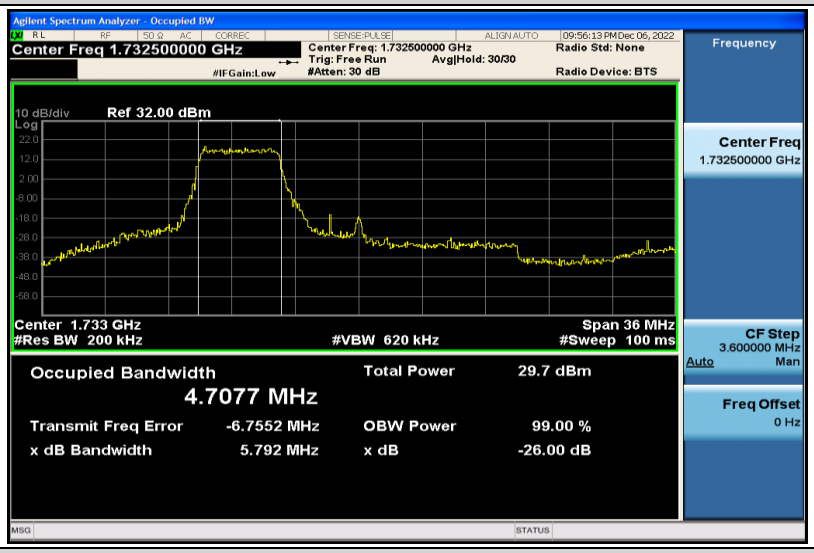
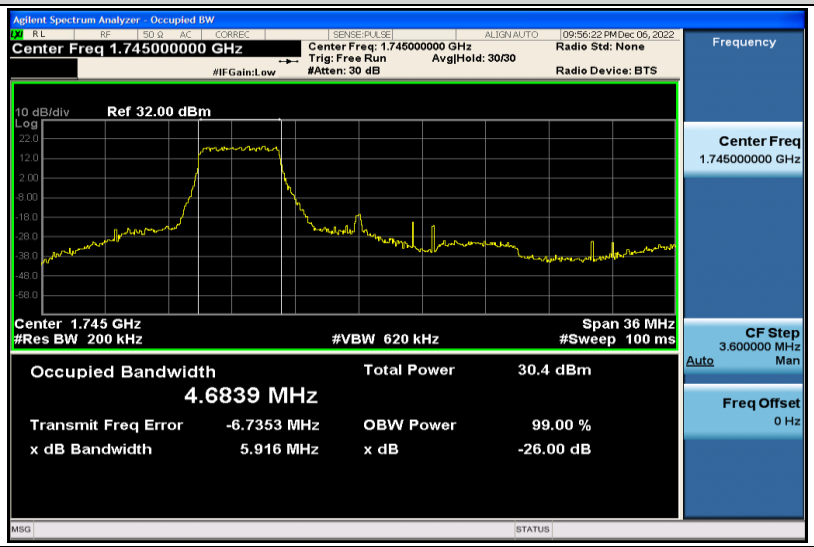


Band4-20MHz-16QAM-20050-25RB#0-4.7129



Band4-20MHz-16QAM-20175-25RB#0-4.7077



Band4-20MHz-16QAM-20300-25RB#0-4.6839