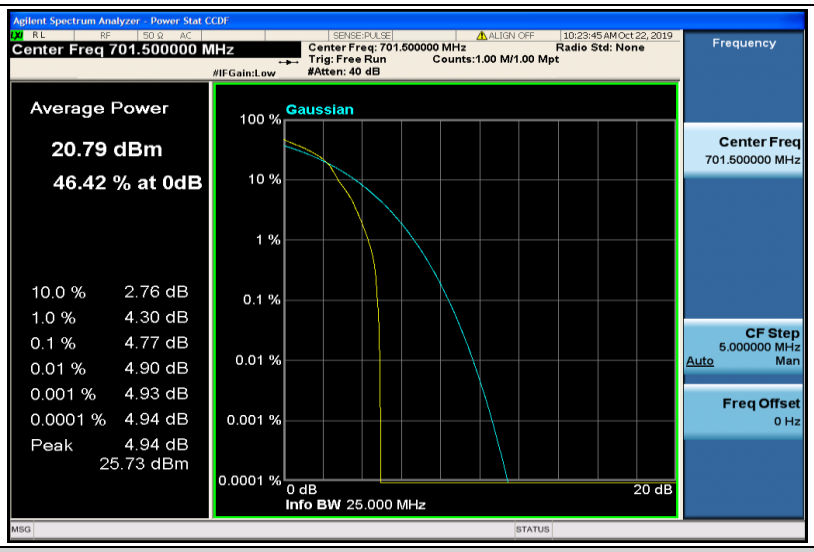

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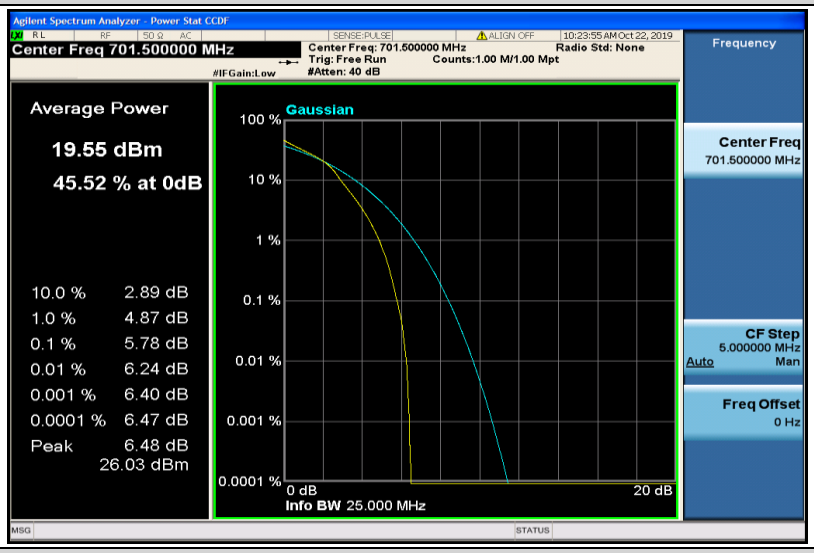

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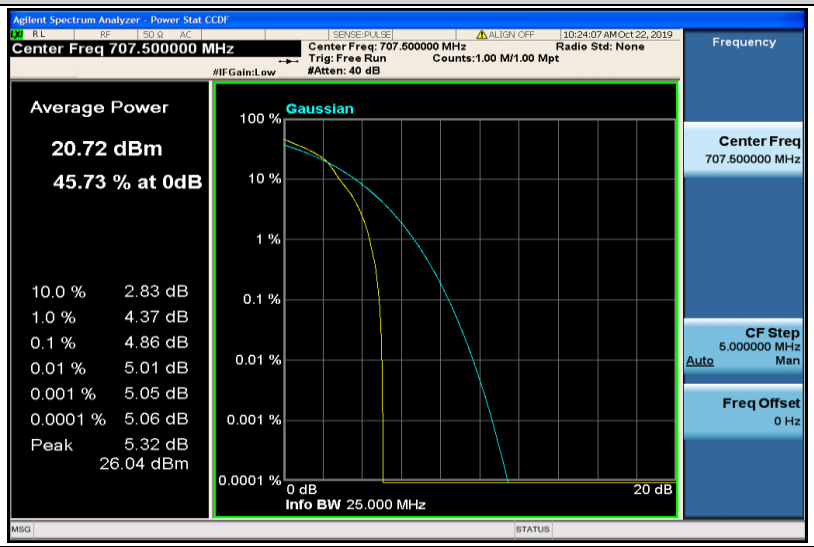

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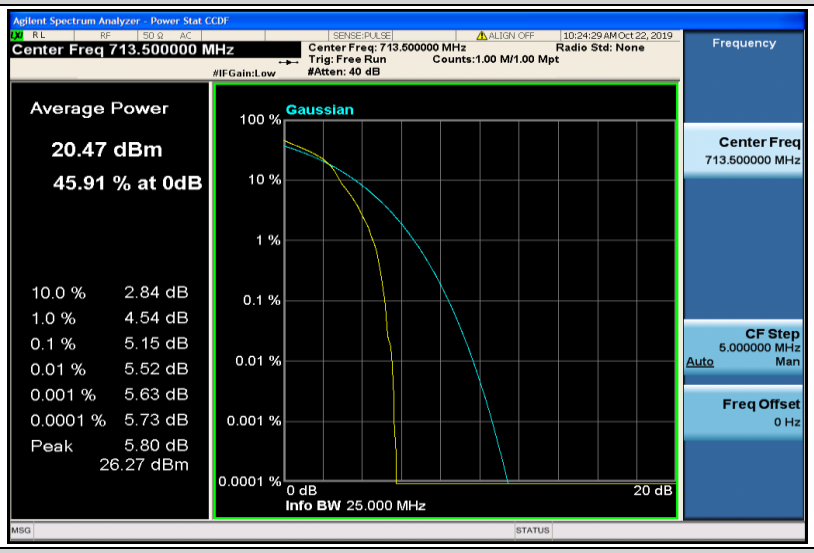

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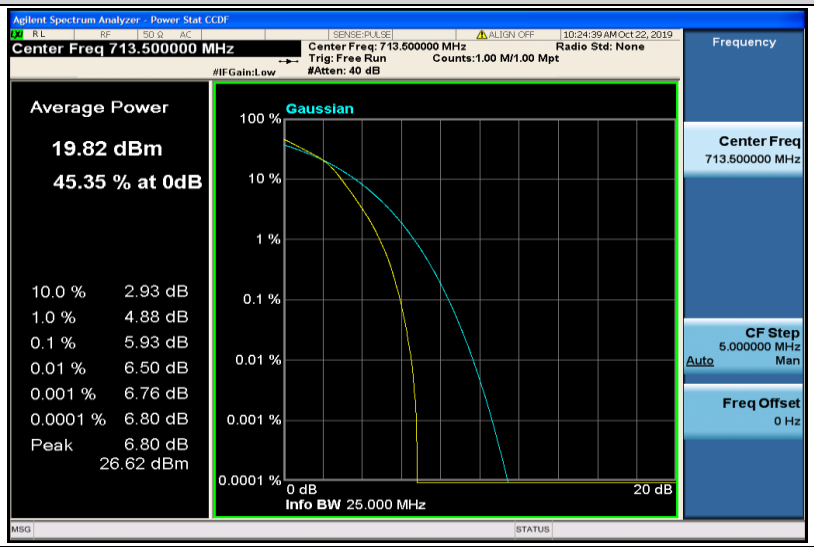

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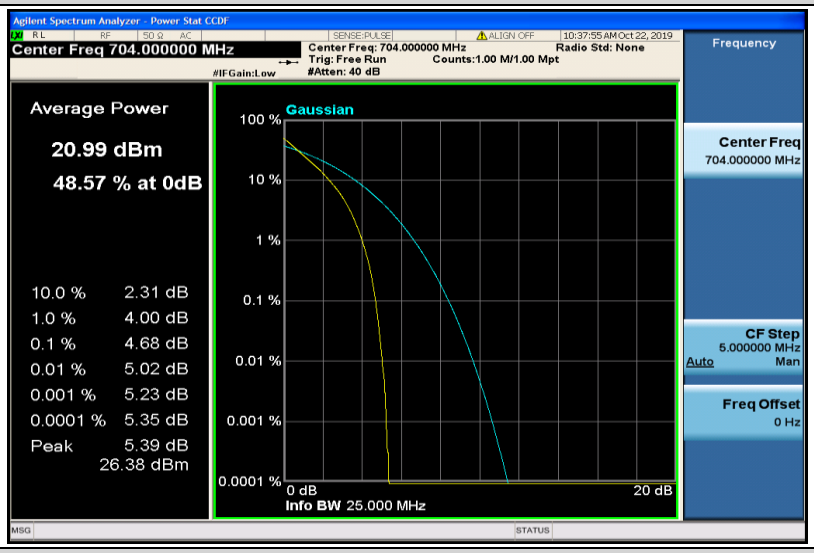

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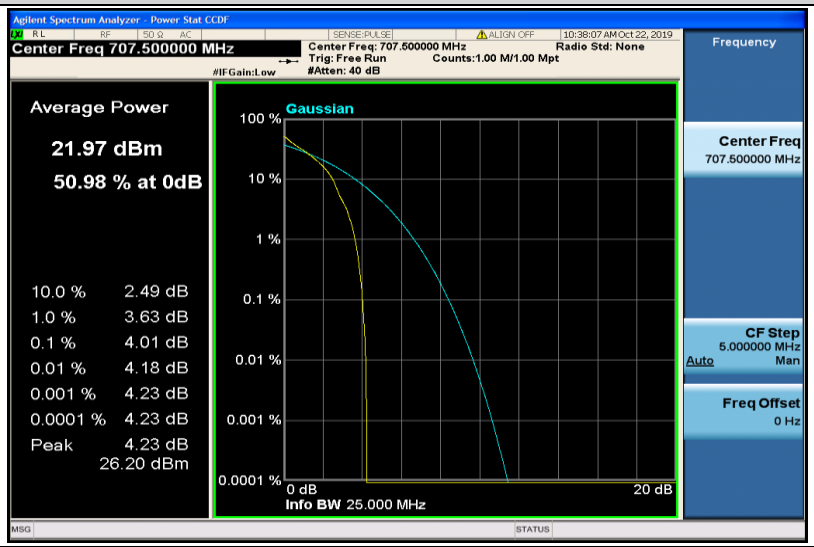

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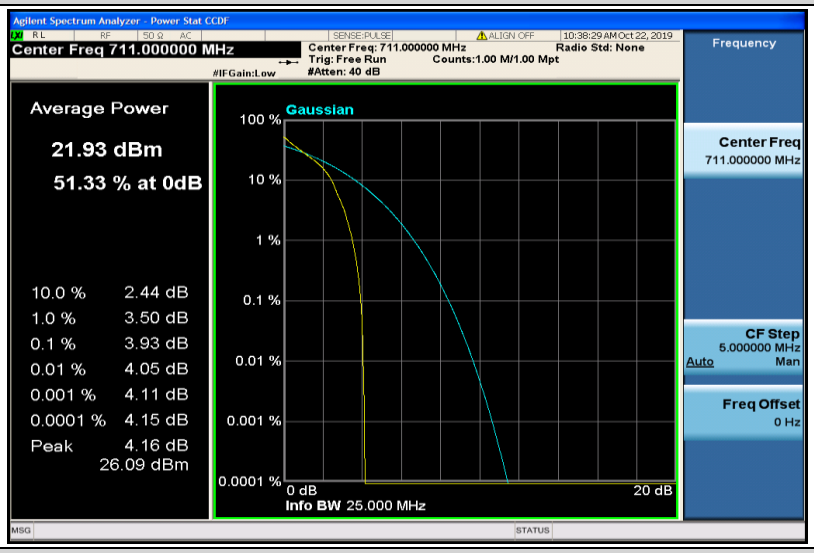

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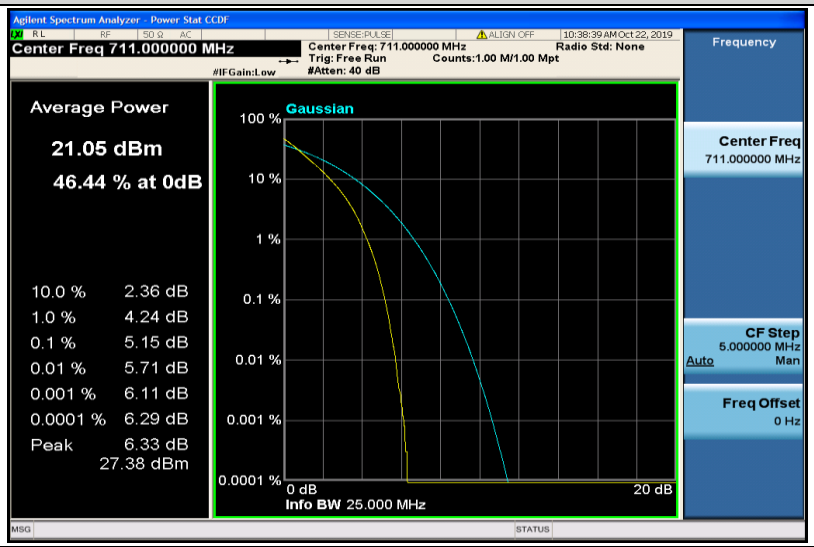

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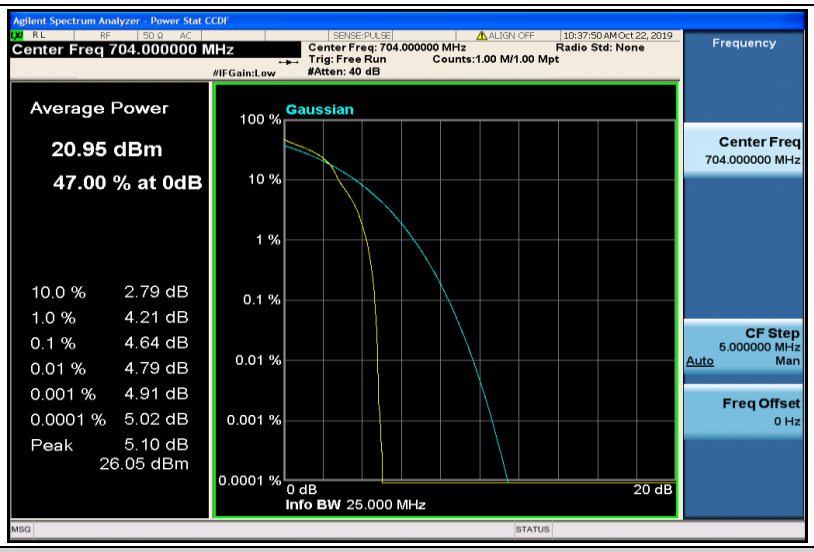

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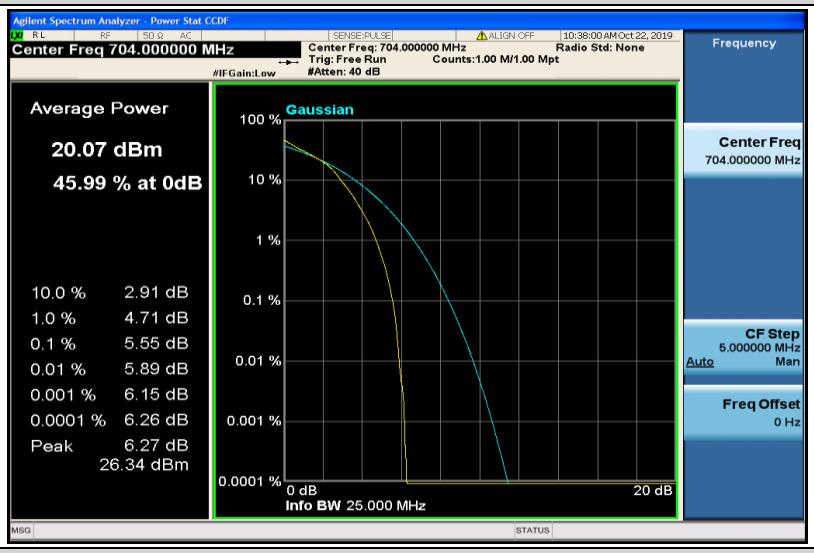

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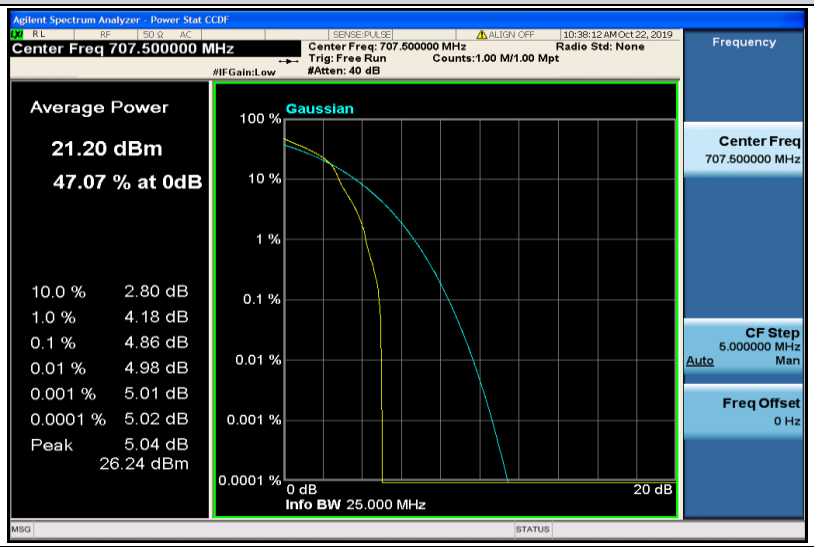

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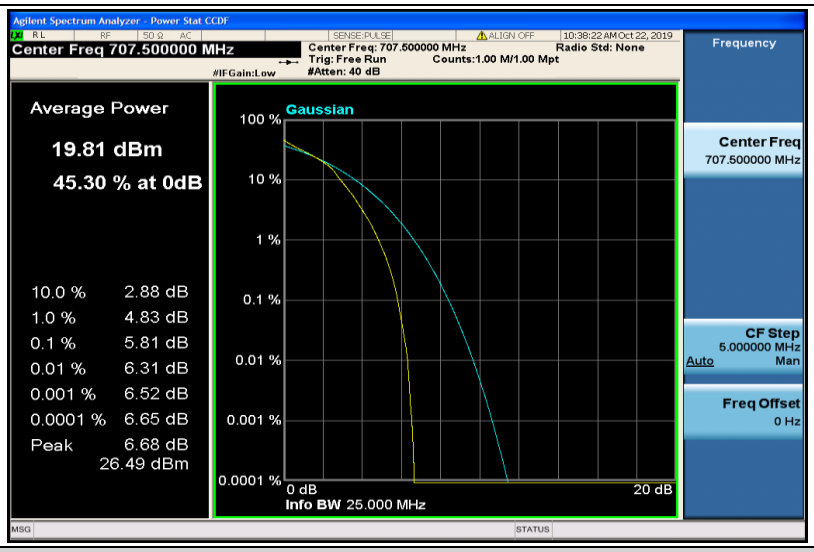

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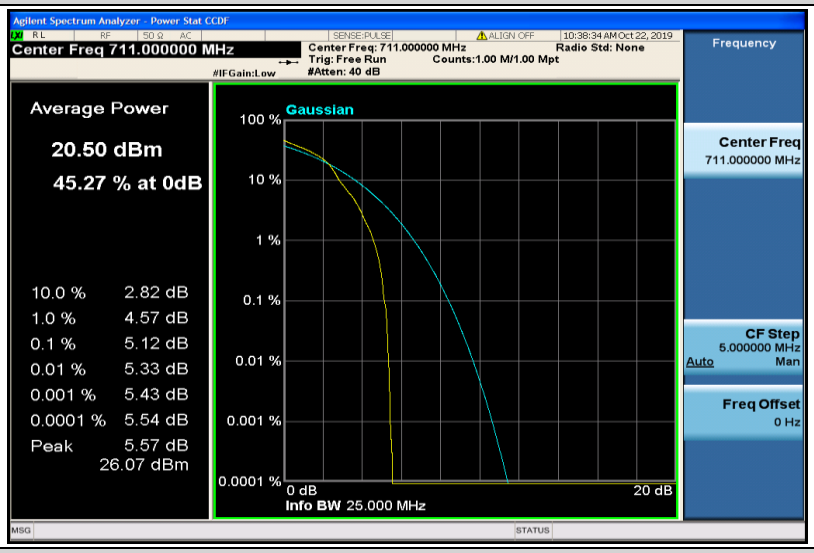

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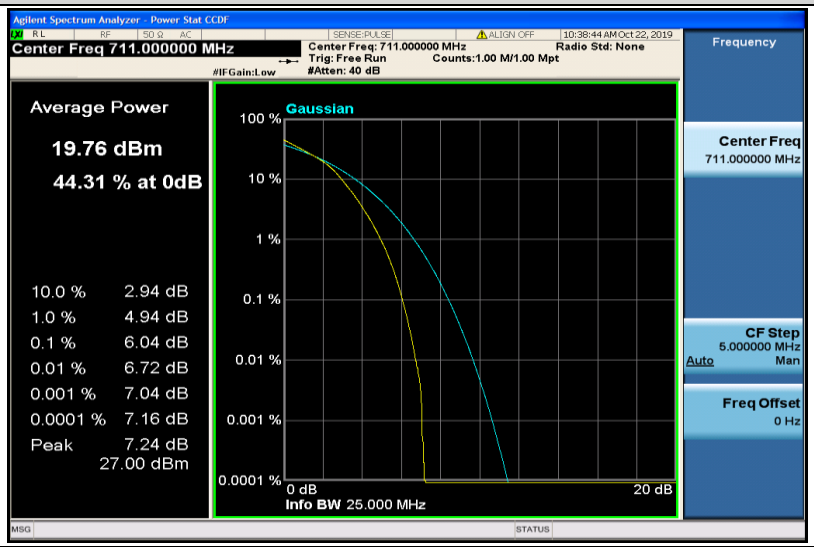

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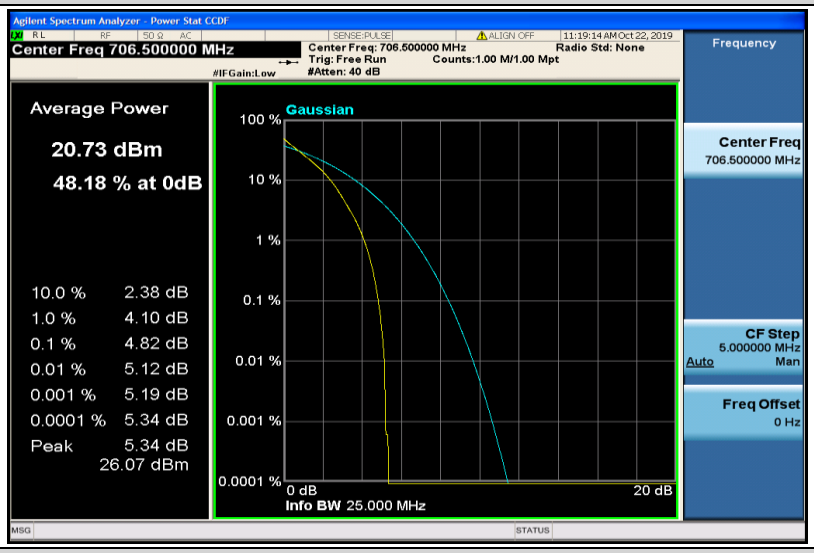

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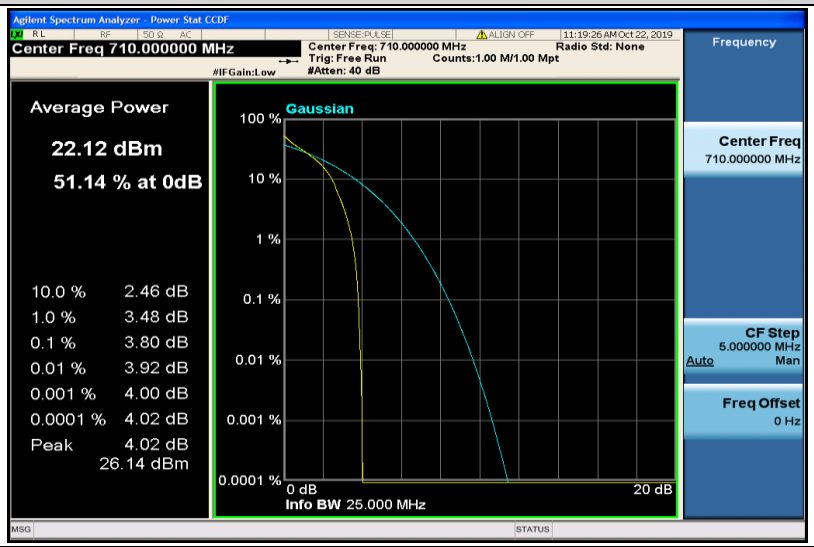

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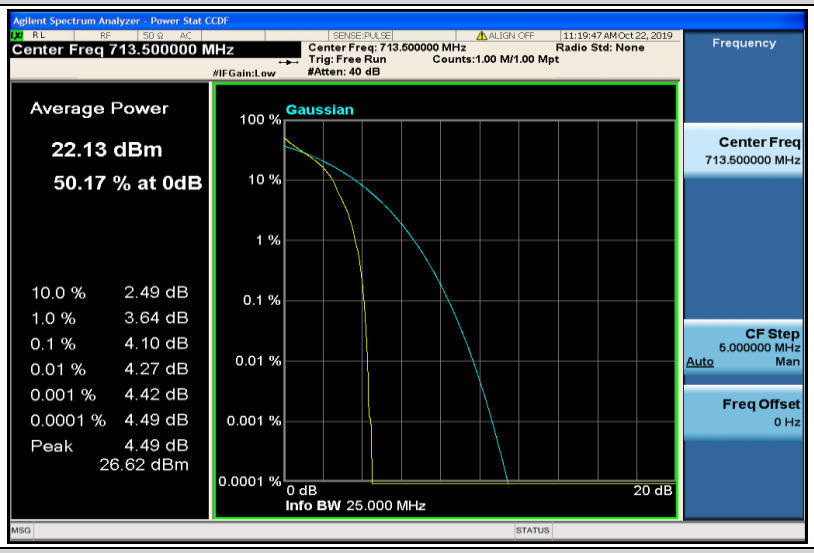

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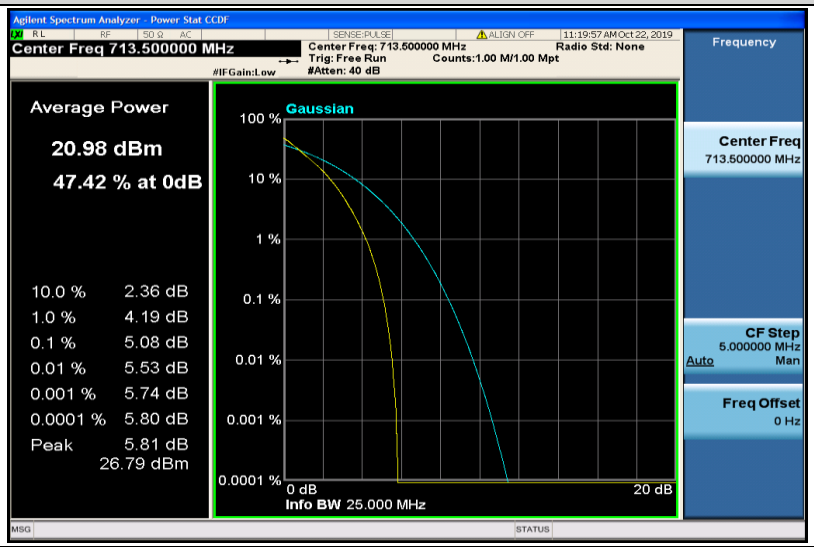

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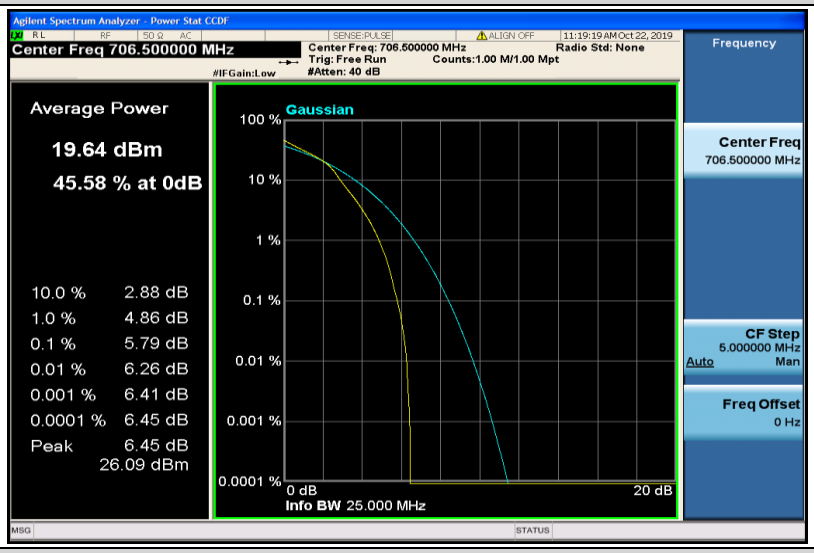

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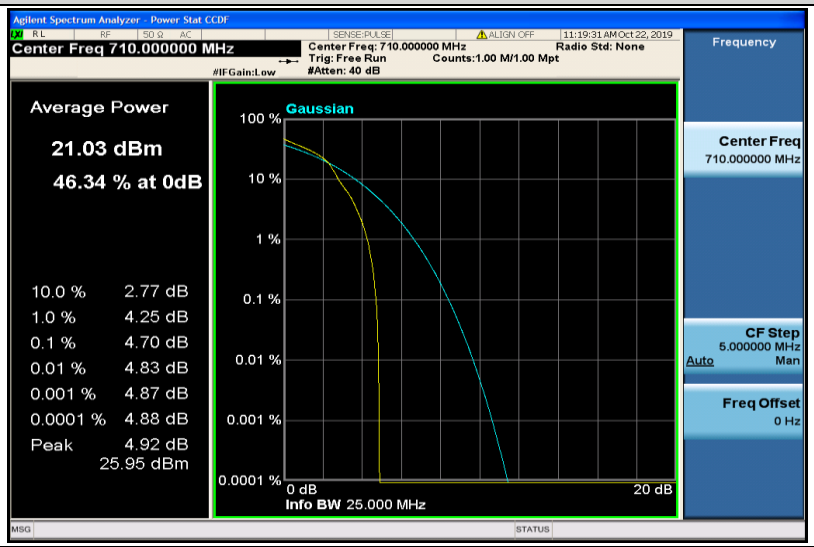

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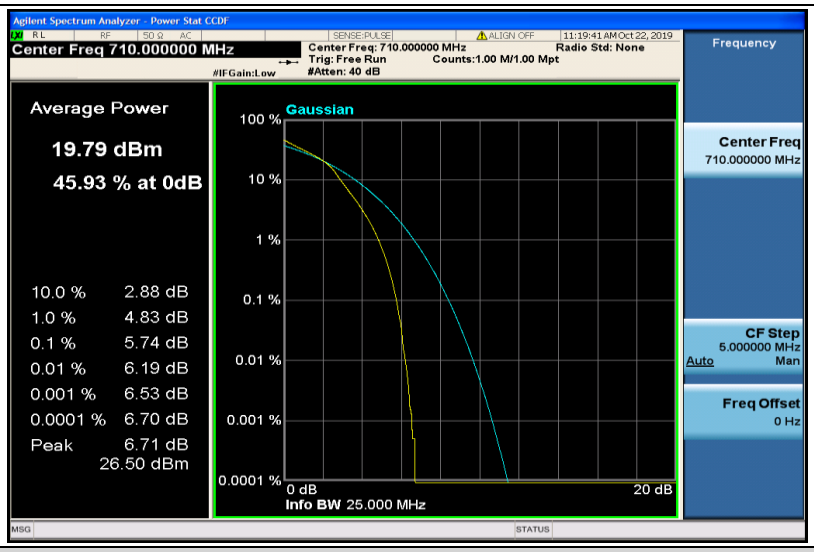

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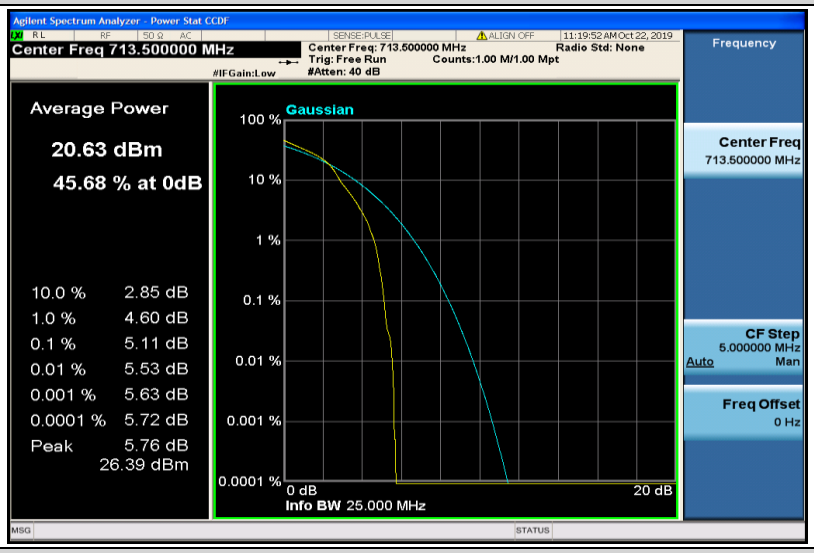

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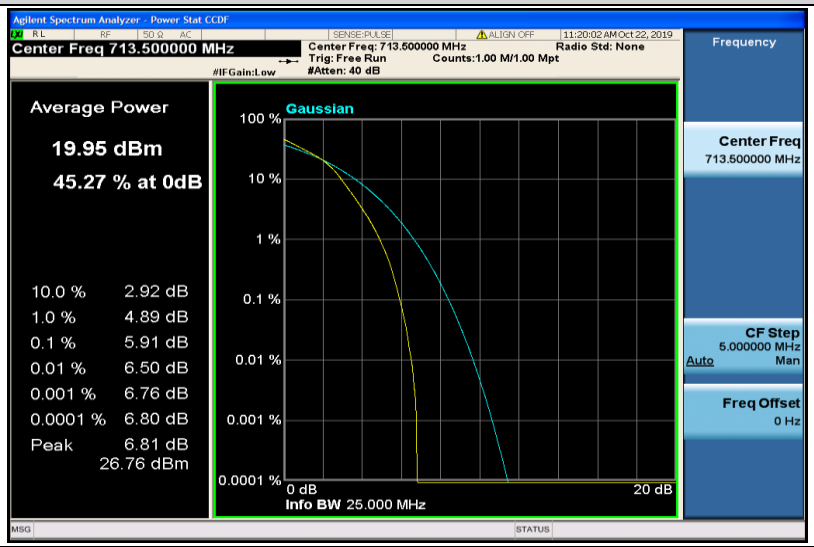

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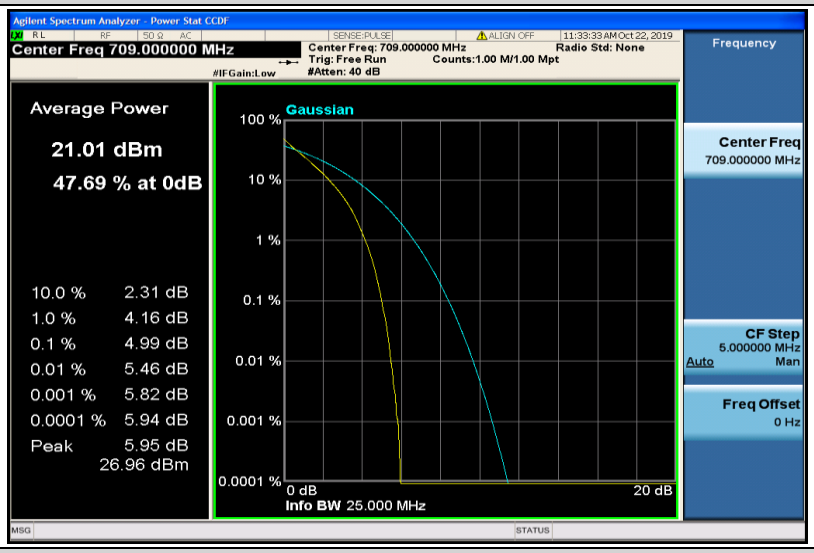

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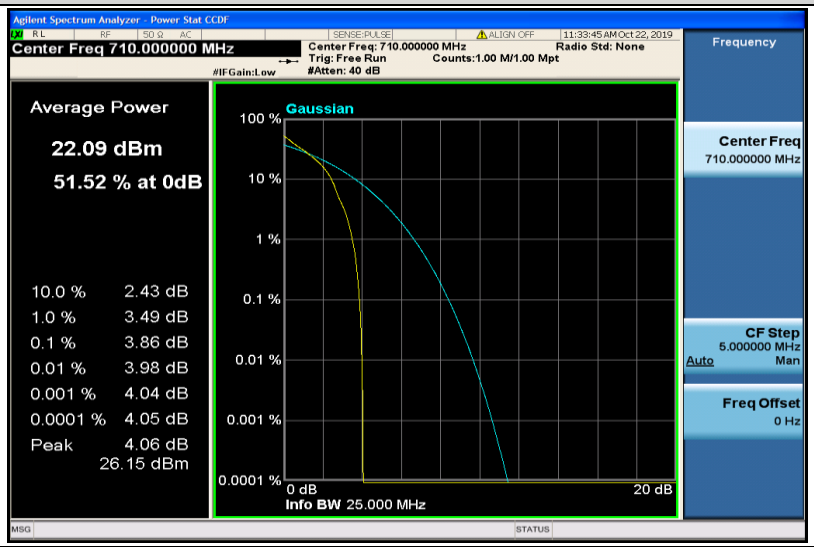

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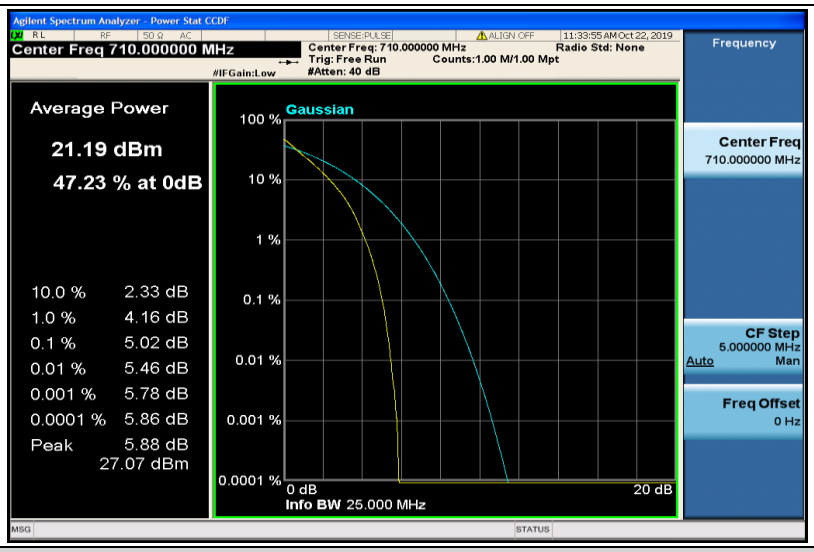

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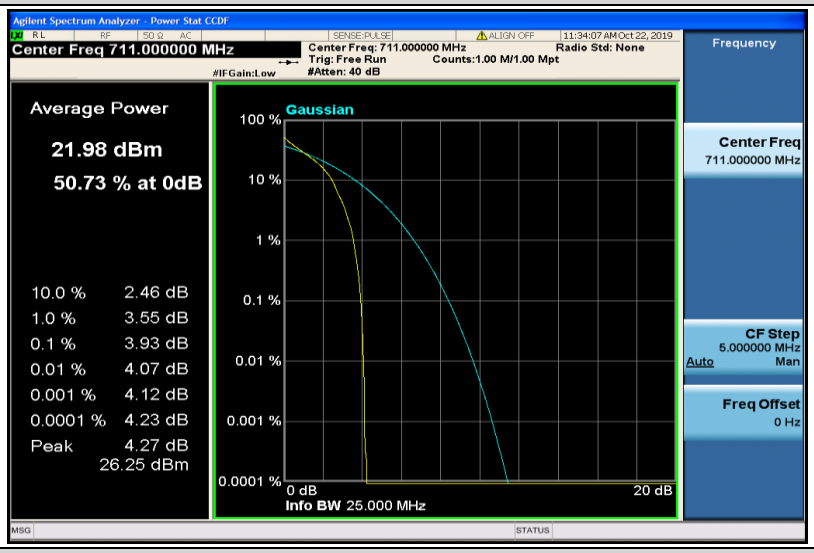

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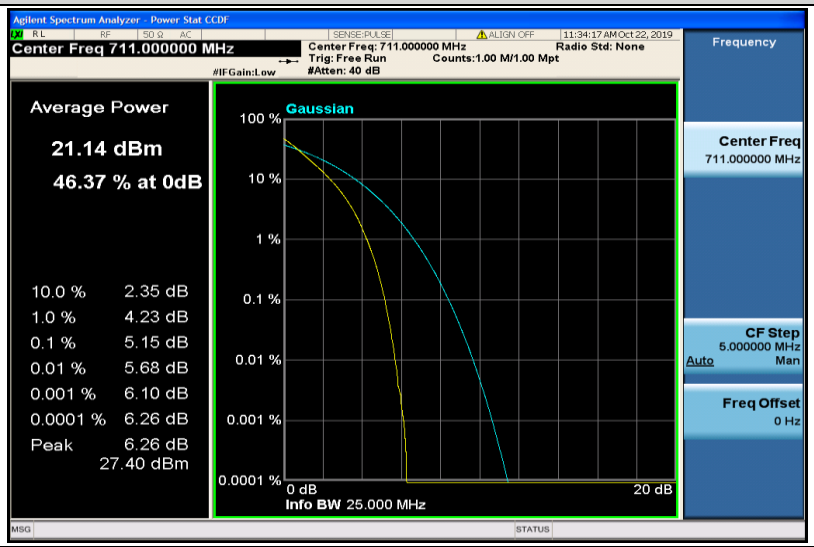

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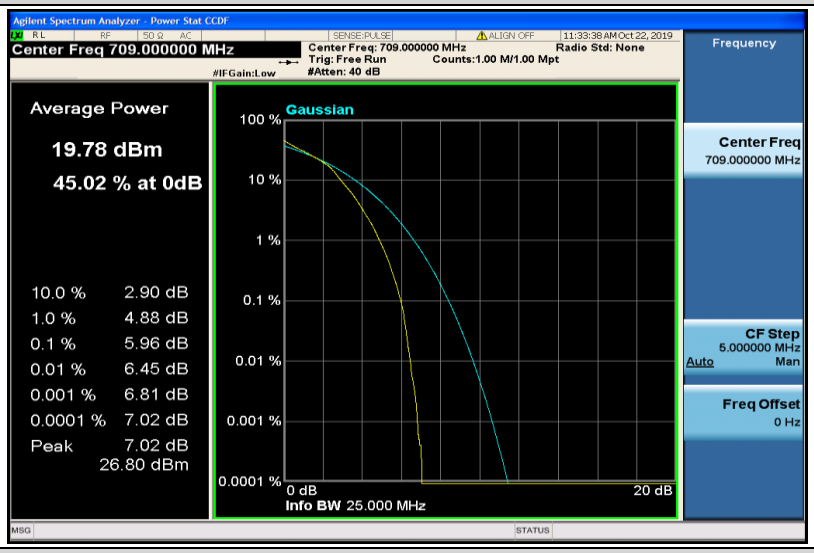

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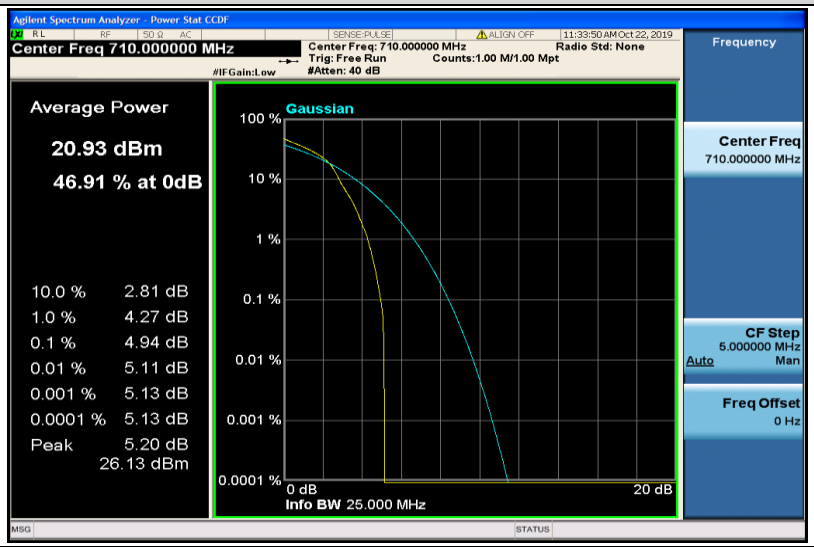

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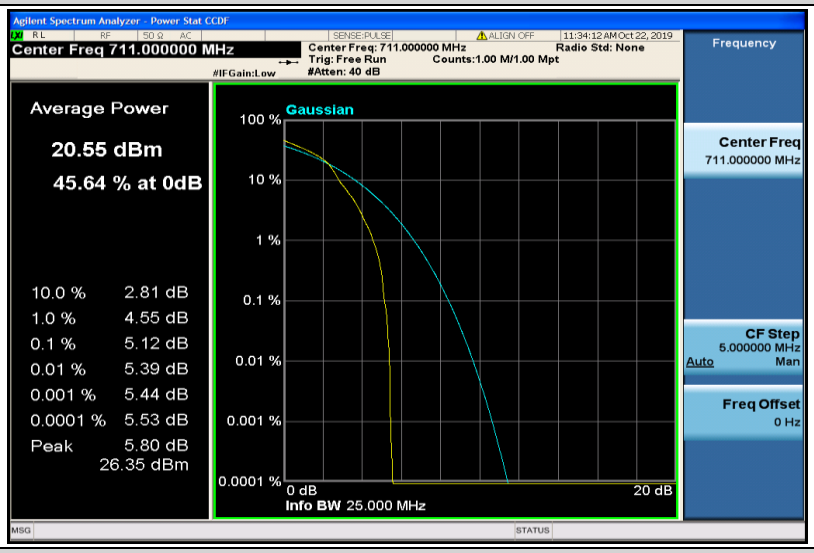

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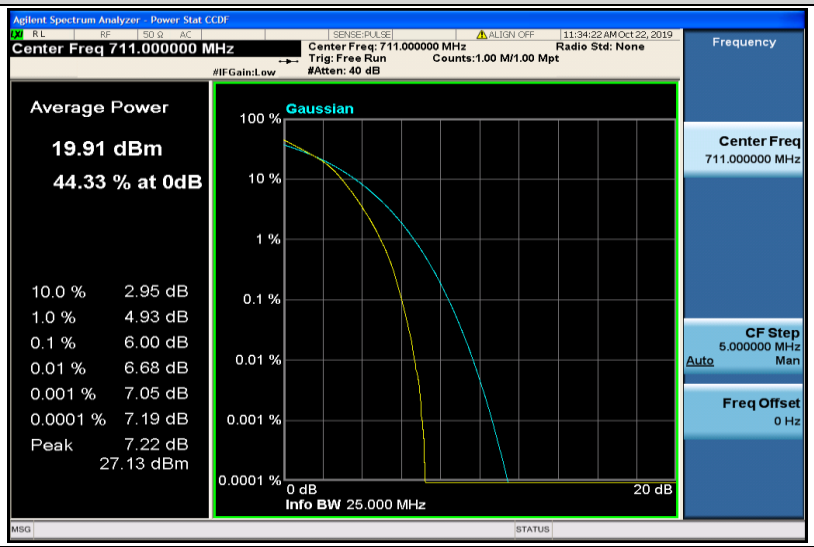


Band17-10MHz-16QAM-23800-50RB#0

Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

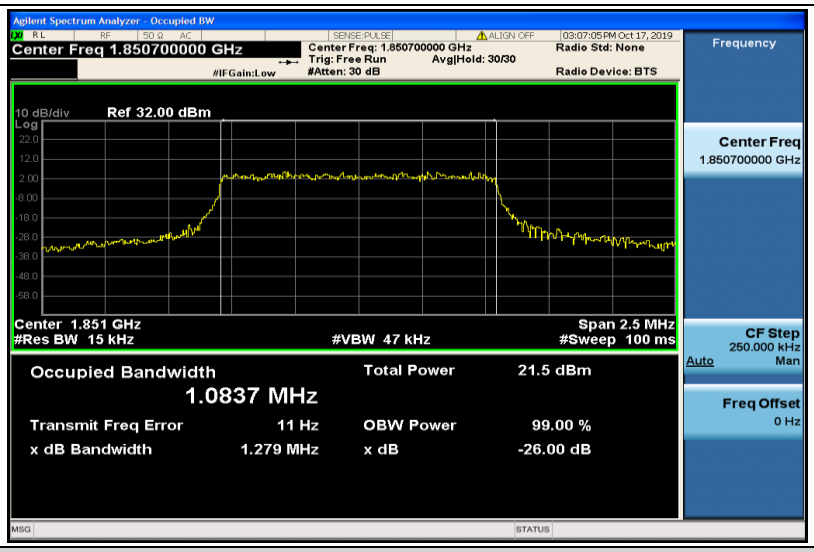
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	1.0837	1.279	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	1.0811	1.236	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1.0837	1.320	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1.0839	1.286	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.0826	1.271	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1.0872	1.284	PASS
Band2	3MHz	QPSK	18615	15RB#0	2.6943	3.011	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.6896	3.075	PASS
Band2	3MHz	QPSK	19185	15RB#0	2.6910	3.081	PASS
Band2	3MHz	16QAM	18615	15RB#0	2.6883	2.984	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.6918	3.093	PASS
Band2	3MHz	16QAM	19185	15RB#0	2.6897	3.388	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.4760	5.154	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.4798	5.006	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.5199	7.512	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.4857	5.129	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.4890	5.085	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.4750	4.936	PASS
Band2	10MHz	QPSK	18650	50RB#0	8.9668	9.942	PASS
Band2	10MHz	QPSK	18900	50RB#0	8.9383	9.763	PASS
Band2	10MHz	QPSK	19150	50RB#0	8.9398	9.875	PASS
Band2	10MHz	16QAM	18650	50RB#0	8.9639	9.996	PASS
Band2	10MHz	16QAM	18900	50RB#0	8.9542	9.772	PASS
Band2	10MHz	16QAM	19150	50RB#0	8.9319	9.729	PASS
Band2	15MHz	QPSK	18675	75RB#0	13.433	14.93	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.399	14.67	PASS
Band2	15MHz	QPSK	19125	75RB#0	13.403	14.81	PASS
Band2	15MHz	16QAM	18675	75RB#0	13.440	14.64	PASS
Band2	15MHz	16QAM	18900	75RB#0	13.393	14.37	PASS
Band2	15MHz	16QAM	19125	75RB#0	13.394	14.77	PASS
Band2	20MHz	QPSK	18700	100RB#0	17.880	19.36	PASS
Band2	20MHz	QPSK	18900	100RB#0	17.905	19.66	PASS
Band2	20MHz	QPSK	19100	100RB#0	17.891	19.46	PASS
Band2	20MHz	16QAM	18700	100RB#0	17.902	19.42	PASS
Band2	20MHz	16QAM	18900	100RB#0	17.899	19.52	PASS
Band2	20MHz	16QAM	19100	100RB#0	17.920	19.51	PASS

Band4	1.4MHz	QPSK	19957	6RB#0	1.0825	1.268	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.0814	1.249	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.0850	1.285	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.0848	1.281	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.0821	1.235	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.0846	1.297	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.6900	3.051	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.6914	3.106	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.6919	3.007	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.6890	3.012	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.6931	3.097	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.6876	3.135	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.4738	5.125	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.4760	4.986	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.4856	5.117	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.4810	5.092	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.4907	5.077	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.4725	4.965	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.9522	9.747	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.9481	9.790	PASS
Band4	10MHz	QPSK	20350	50RB#0	8.9368	9.829	PASS
Band4	10MHz	16QAM	20000	50RB#0	8.9364	9.713	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.9607	9.929	PASS
Band4	10MHz	16QAM	20350	50RB#0	8.9583	9.854	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.414	15.09	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.393	14.83	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.418	14.88	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.407	14.51	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.429	14.86	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.413	14.71	PASS
Band4	20MHz	QPSK	20050	100RB#0	17.890	19.61	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.894	19.51	PASS
Band4	20MHz	QPSK	20300	100RB#0	17.870	19.31	PASS
Band4	20MHz	16QAM	20050	100RB#0	17.864	19.43	PASS
Band4	20MHz	16QAM	20175	100RB#0	17.934	19.61	PASS
Band4	20MHz	16QAM	20300	100RB#0	17.896	19.58	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	1.0804	1.260	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.0797	1.234	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.0844	1.253	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.0807	1.260	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.0789	1.281	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.0847	1.279	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.6894	3.069	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.6907	3.028	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.6908	3.100	PASS

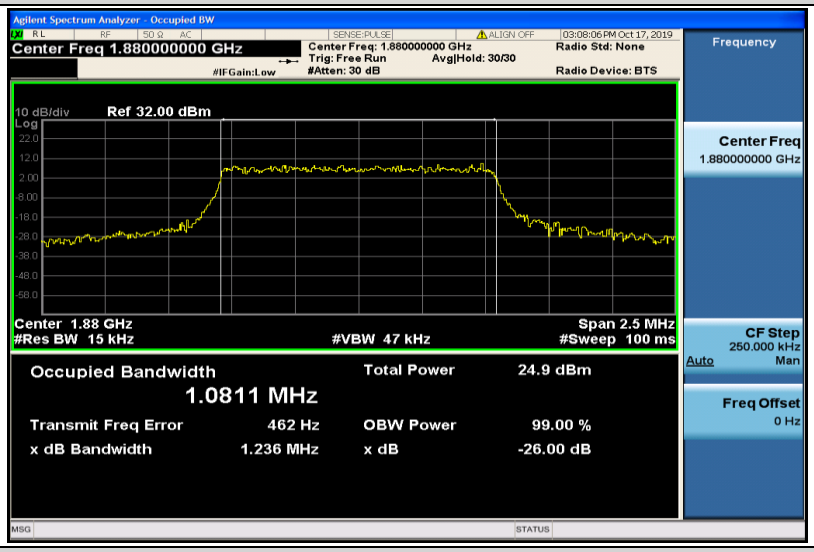
Band5	3MHz	16QAM	20415	15RB#0	2.6904	3.061	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.6877	3.070	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.6919	3.087	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.4702	5.062	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.4808	4.982	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.4697	5.056	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.4784	5.166	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.4880	5.032	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.4802	5.141	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.9442	9.653	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.9609	9.925	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.9409	9.859	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.9278	9.758	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.9625	10.05	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.9384	9.980	PASS
Band7	5MHz	QPSK	20775	25RB#0	4.4895	5.093	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.4769	5.116	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.4869	4.985	PASS
Band7	5MHz	16QAM	20775	25RB#0	4.4772	4.780	PASS
Band7	5MHz	16QAM	21100	25RB#0	4.4882	5.232	PASS
Band7	5MHz	16QAM	21425	25RB#0	4.4935	5.055	PASS
Band7	10MHz	QPSK	20800	50RB#0	8.9551	9.899	PASS
Band7	10MHz	QPSK	21100	50RB#0	8.9510	9.807	PASS
Band7	10MHz	QPSK	21400	50RB#0	8.9681	9.815	PASS
Band7	10MHz	16QAM	20800	50RB#0	8.9520	9.860	PASS
Band7	10MHz	16QAM	21100	50RB#0	8.9570	9.837	PASS
Band7	10MHz	16QAM	21400	50RB#0	8.9539	9.765	PASS
Band7	15MHz	QPSK	20825	75RB#0	13.410	14.84	PASS
Band7	15MHz	QPSK	21100	75RB#0	13.408	14.96	PASS
Band7	15MHz	QPSK	21375	75RB#0	13.412	14.81	PASS
Band7	15MHz	16QAM	20825	75RB#0	13.411	14.52	PASS
Band7	15MHz	16QAM	21100	75RB#0	13.442	14.84	PASS
Band7	15MHz	16QAM	21375	75RB#0	13.423	14.63	PASS
Band7	20MHz	QPSK	20850	100RB#0	17.810	19.25	PASS
Band7	20MHz	QPSK	21100	100RB#0	17.937	19.64	PASS
Band7	20MHz	QPSK	21350	100RB#0	17.901	19.56	PASS
Band7	20MHz	16QAM	20850	100RB#0	17.853	19.46	PASS
Band7	20MHz	16QAM	21100	100RB#0	17.952	19.74	PASS
Band7	20MHz	16QAM	21350	100RB#0	17.865	19.61	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	1.0824	1.260	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.0854	1.253	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.0849	1.247	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1.0841	1.273	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.0818	1.281	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1.0835	1.289	PASS

Band12	3MHz	QPSK	23025	15RB#0	2.6904	3.120	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.6960	3.032	PASS
Band12	3MHz	QPSK	23165	15RB#0	2.6928	3.061	PASS
Band12	3MHz	16QAM	23025	15RB#0	2.6945	3.125	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.6887	3.079	PASS
Band12	3MHz	16QAM	23165	15RB#0	2.6851	3.003	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.4759	5.141	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.4839	5.029	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.4808	5.032	PASS
Band12	5MHz	16QAM	23035	25RB#0	4.4847	5.127	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.4867	5.001	PASS
Band12	5MHz	16QAM	23155	25RB#0	4.4785	4.970	PASS
Band12	10MHz	QPSK	23060	50RB#0	8.9501	9.925	PASS
Band12	10MHz	QPSK	23095	50RB#0	8.9362	9.732	PASS
Band12	10MHz	QPSK	23130	50RB#0	8.9620	9.766	PASS
Band12	10MHz	16QAM	23060	50RB#0	8.9400	9.960	PASS
Band12	10MHz	16QAM	23095	50RB#0	8.9522	9.880	PASS
Band12	10MHz	16QAM	23130	50RB#0	8.9536	9.861	PASS
Band17	5MHz	QPSK	23755	25RB#0	4.4729	5.079	PASS
Band17	5MHz	QPSK	23790	25RB#0	4.4863	5.040	PASS
Band17	5MHz	QPSK	23825	25RB#0	4.4864	5.059	PASS
Band17	5MHz	16QAM	23755	25RB#0	4.4847	5.137	PASS
Band17	5MHz	16QAM	23790	25RB#0	4.4923	5.035	PASS
Band17	5MHz	16QAM	23825	25RB#0	4.4799	4.980	PASS
Band17	10MHz	QPSK	23780	50RB#0	8.9599	9.951	PASS
Band17	10MHz	QPSK	23790	50RB#0	8.9492	9.849	PASS
Band17	10MHz	QPSK	23800	50RB#0	8.9614	9.837	PASS
Band17	10MHz	16QAM	23780	50RB#0	8.9561	9.964	PASS
Band17	10MHz	16QAM	23790	50RB#0	8.9605	10.01	PASS
Band17	10MHz	16QAM	23800	50RB#0	8.9531	9.805	PASS

Test Graphs



Band2-1.4MHz-QPSK-18607-6RB#0-1.0837



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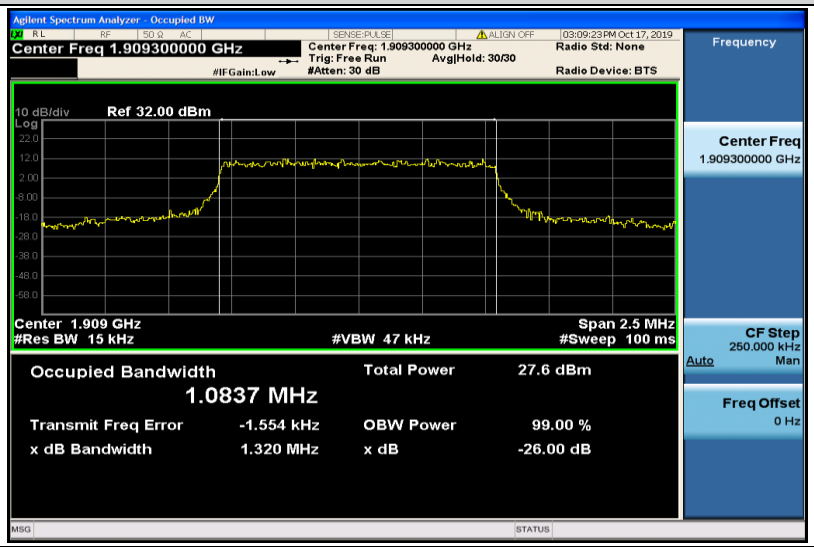

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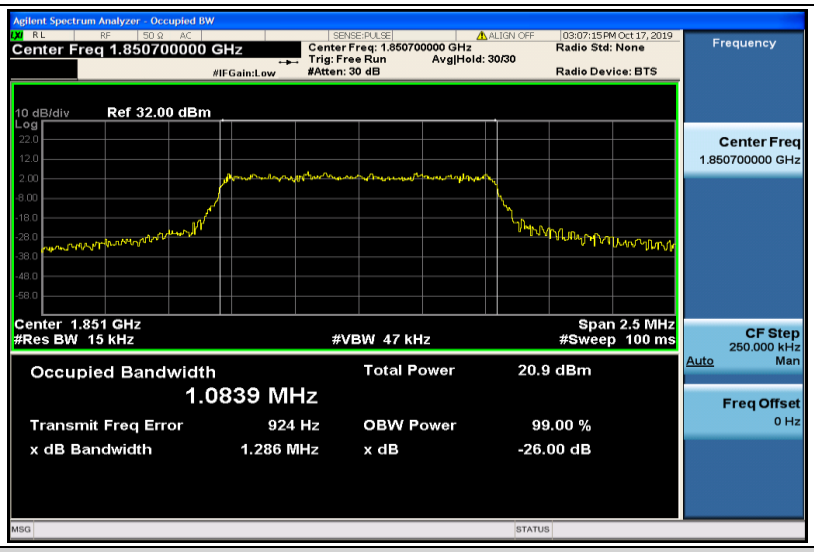
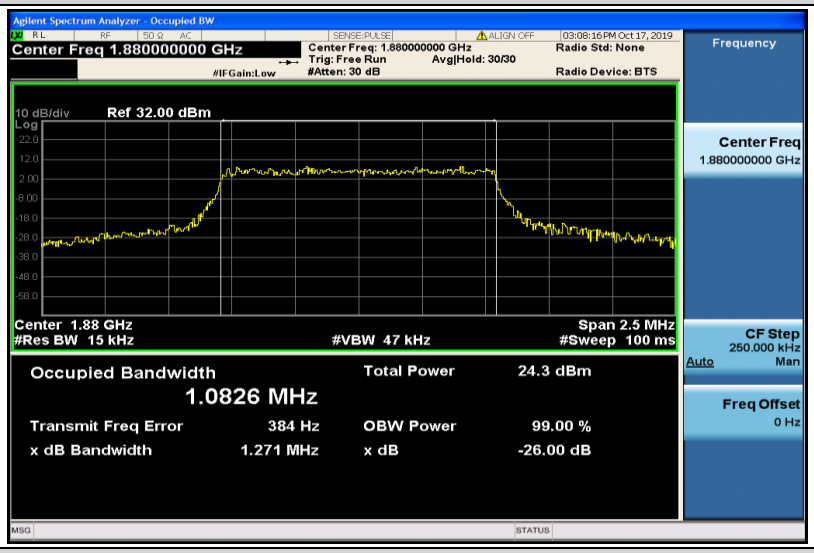


Band2-1.4MHz-16QAM-18607-6RB#0-1.0839



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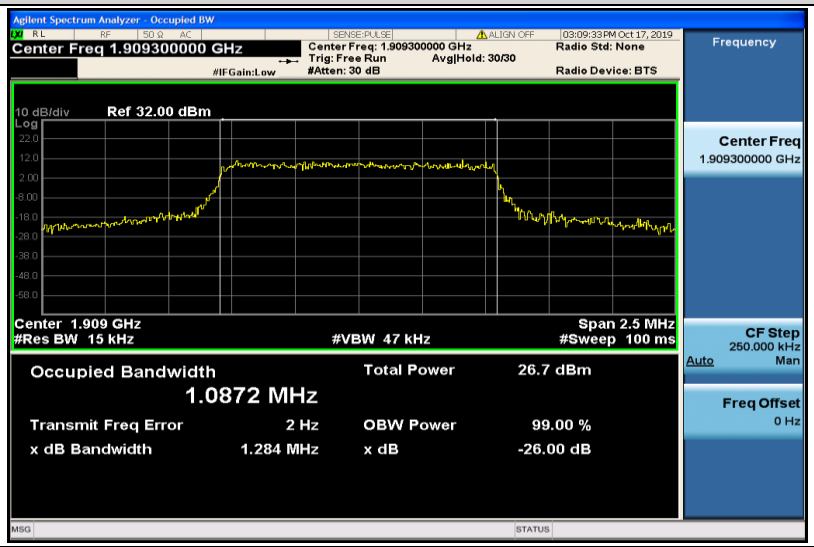

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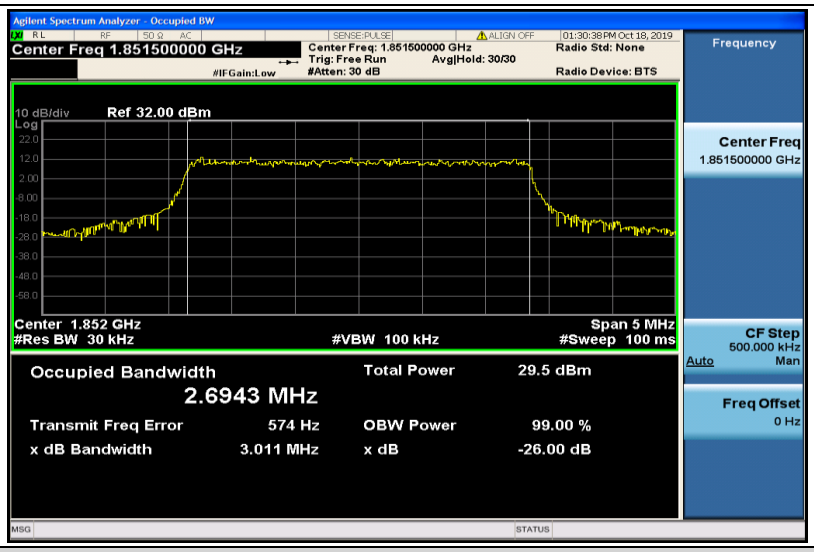

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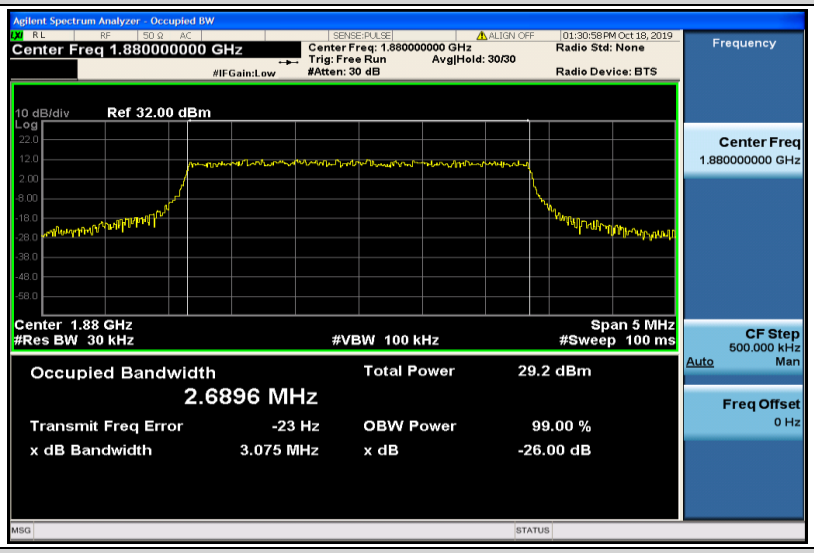
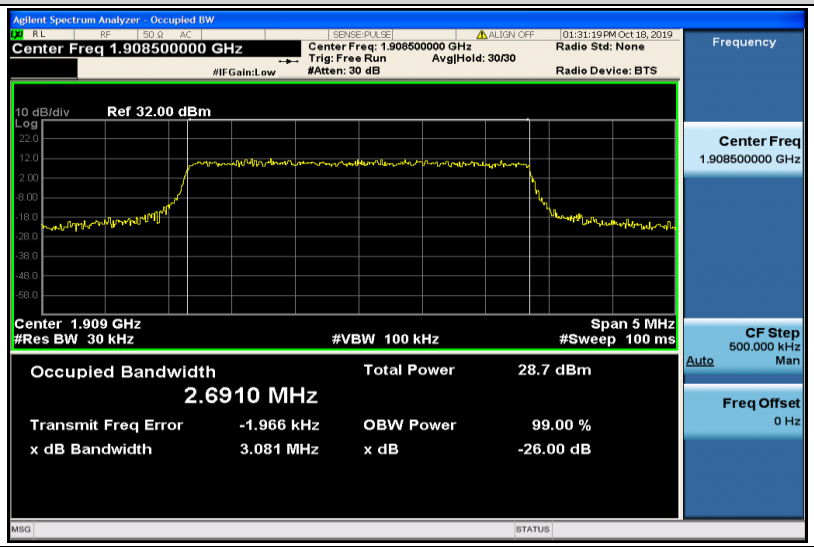


Band2-3MHz-QPSK-18900-15RB#0-2.6896



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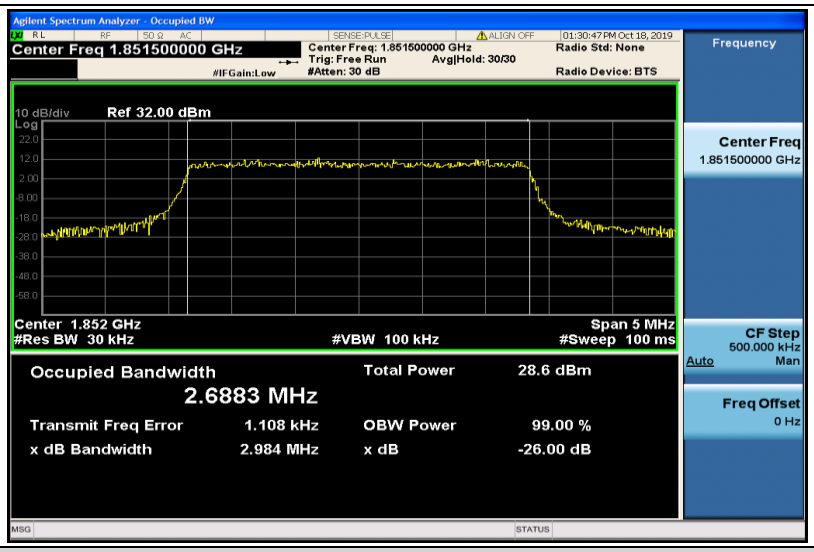

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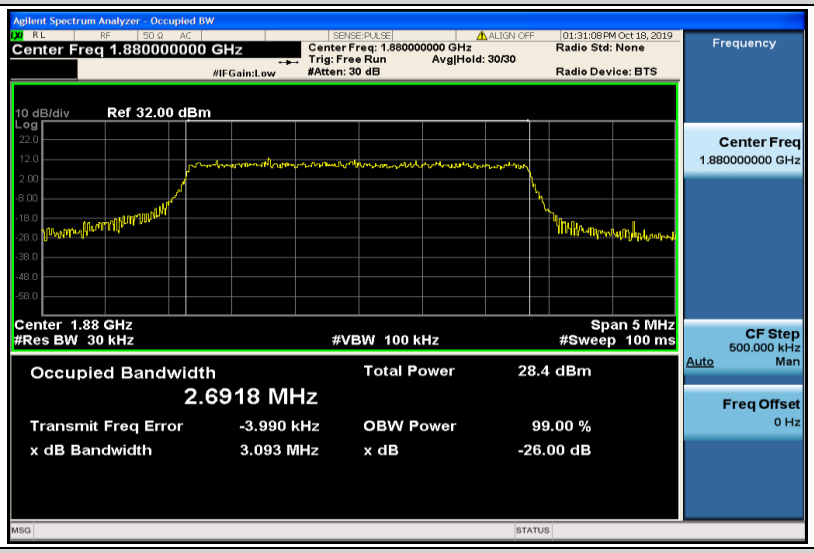

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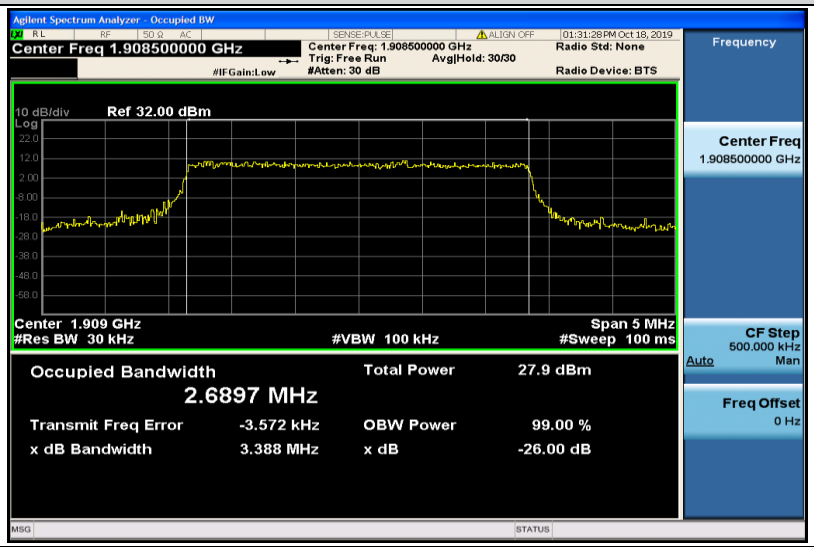

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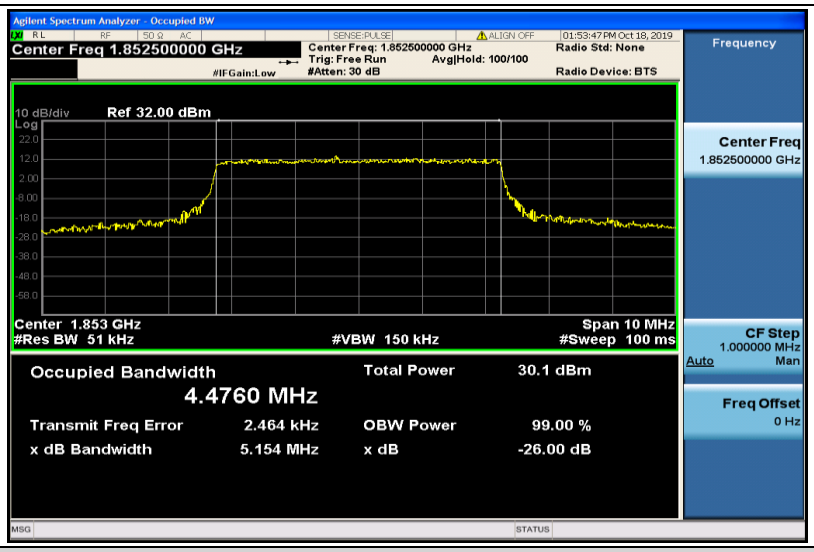
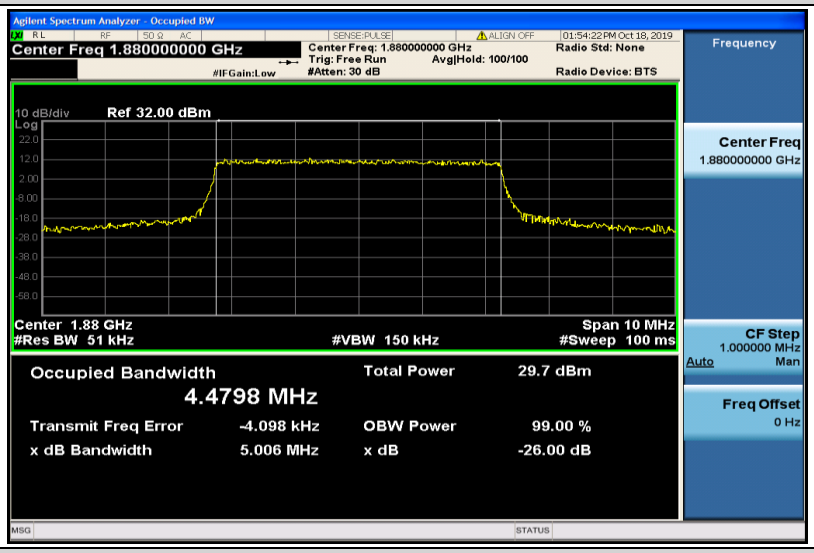


Band2-5MHz-QPSK-18625-25RB#0-4.4760



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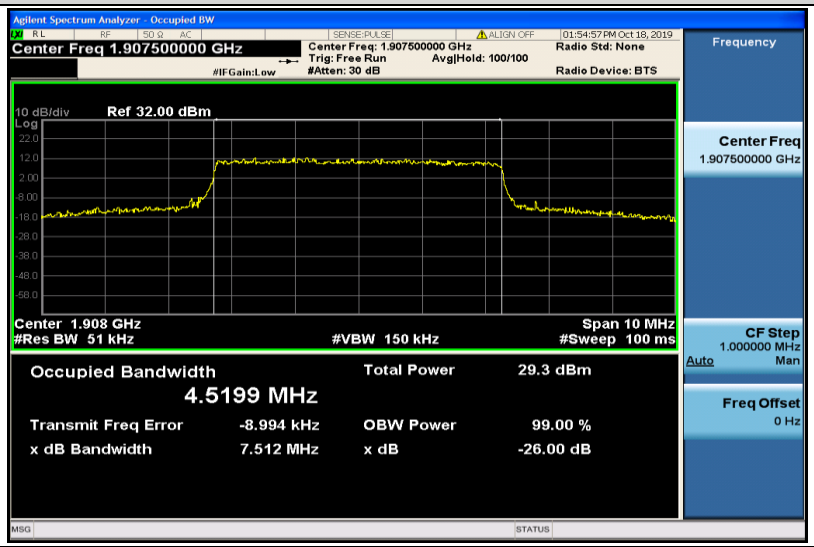
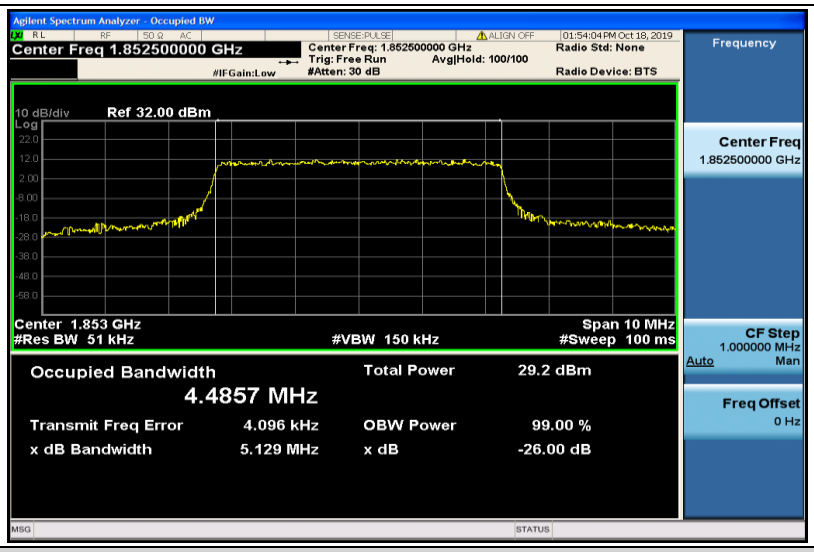


Band2-5MHz-QPSK-19175-25RB#0-4.5199



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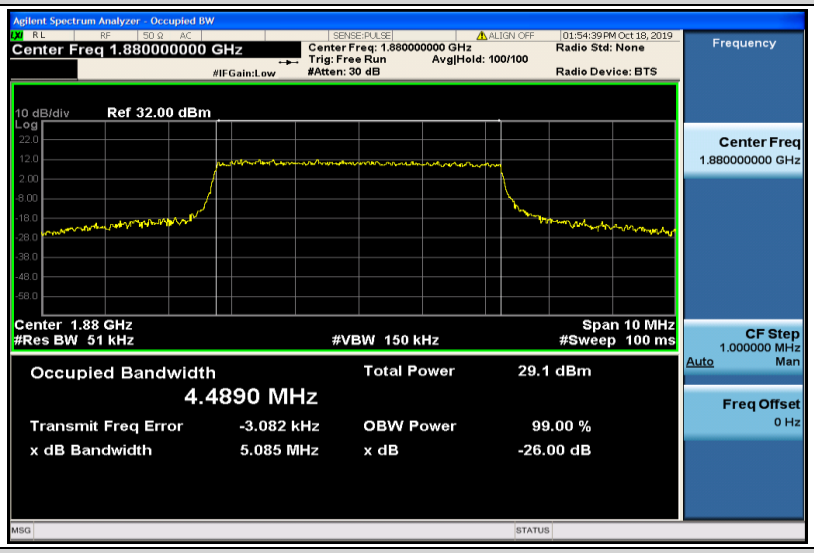

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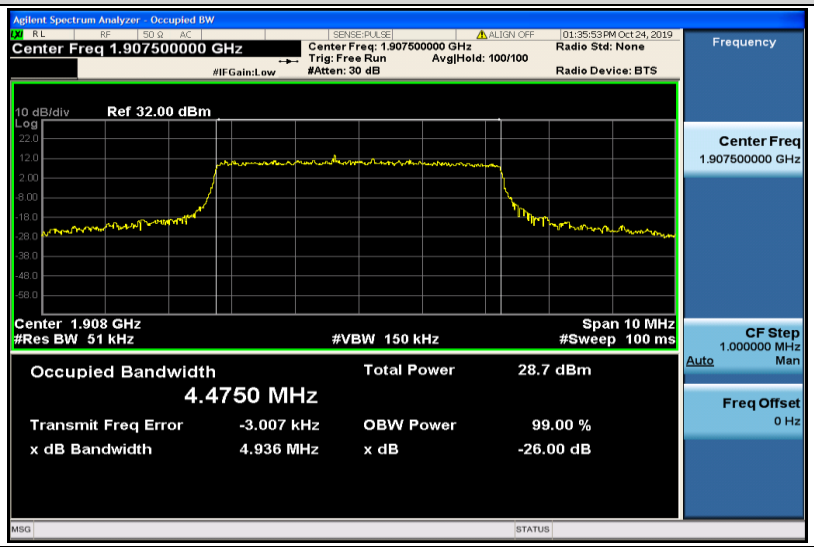
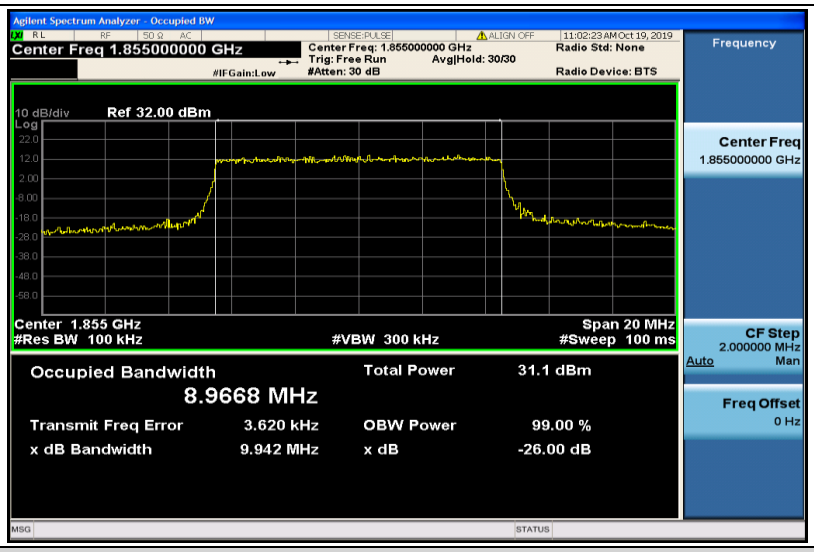
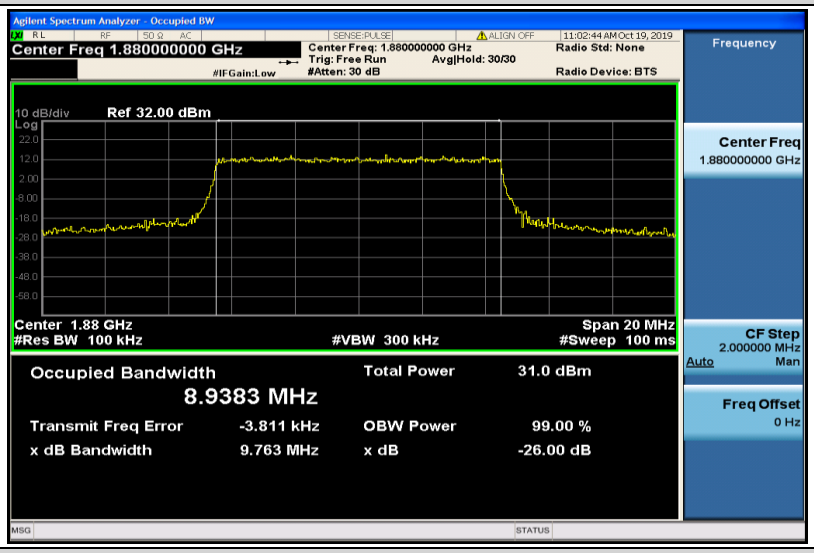


Band2-5MHz-16QAM-19175-25RB#0-4.4750



Band2-10MHz-QPSK-18650-50RB#0-8.9668



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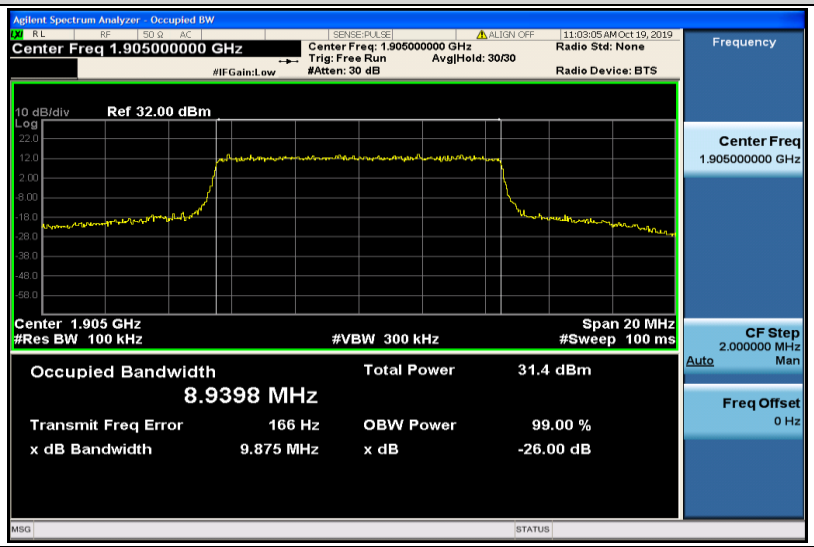
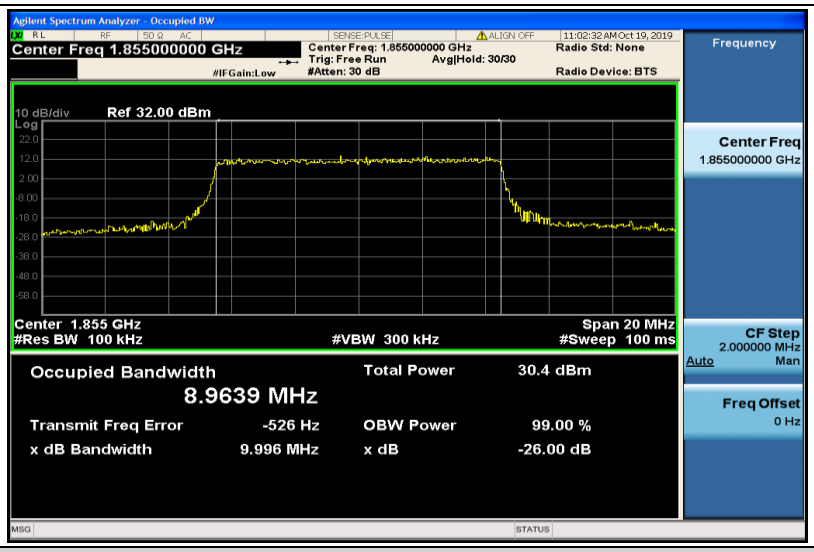
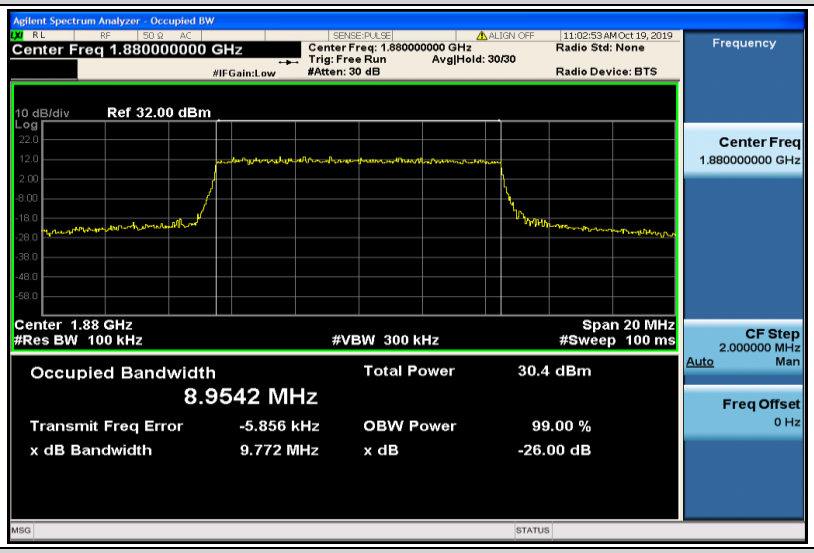


Band2-10MHz-QPSK-19150-50RB#0-8.9398



Band2-10MHz-16QAM-18650-50RB#0-8.9639



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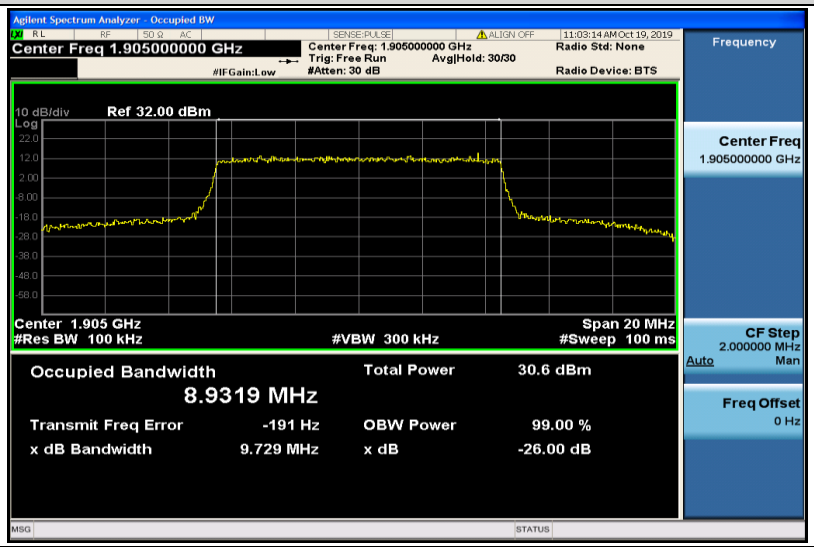

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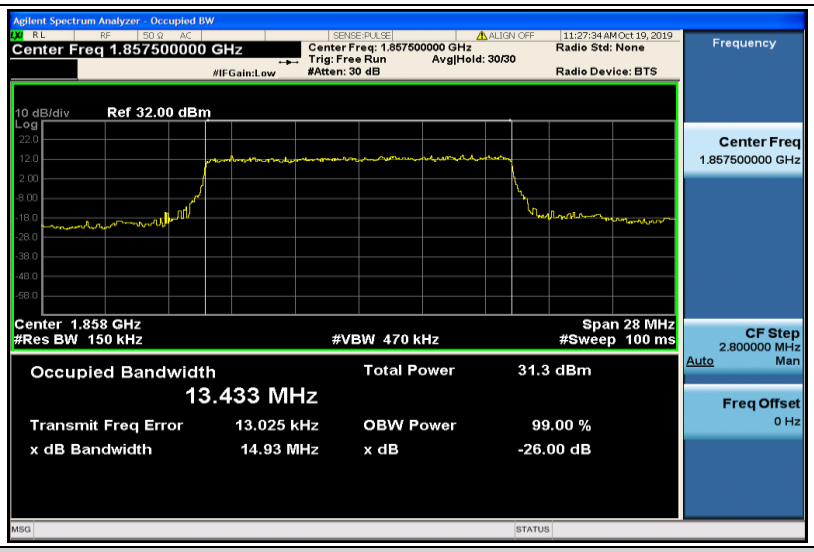
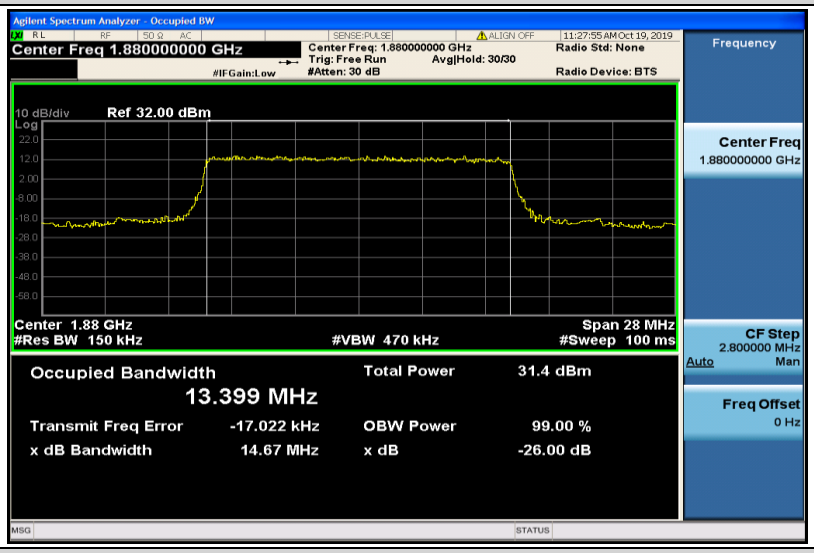


Band2-15MHz-QPSK-18675-75RB#0-13.433



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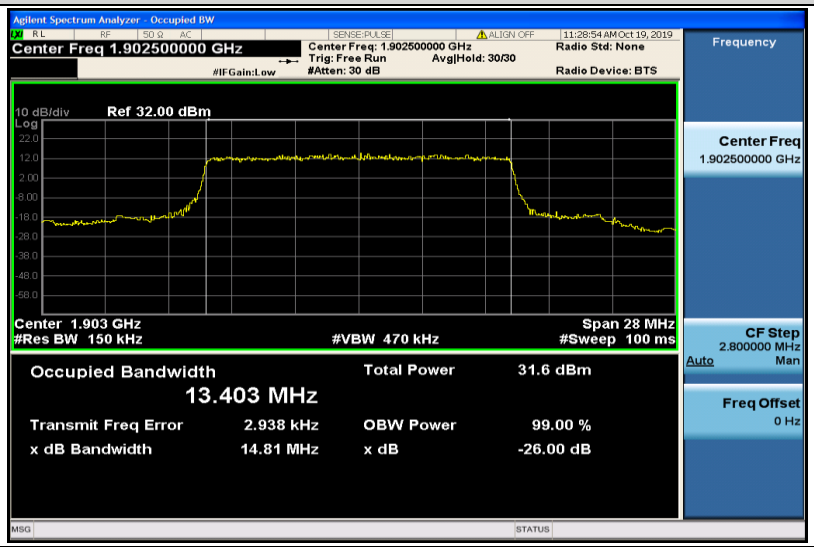

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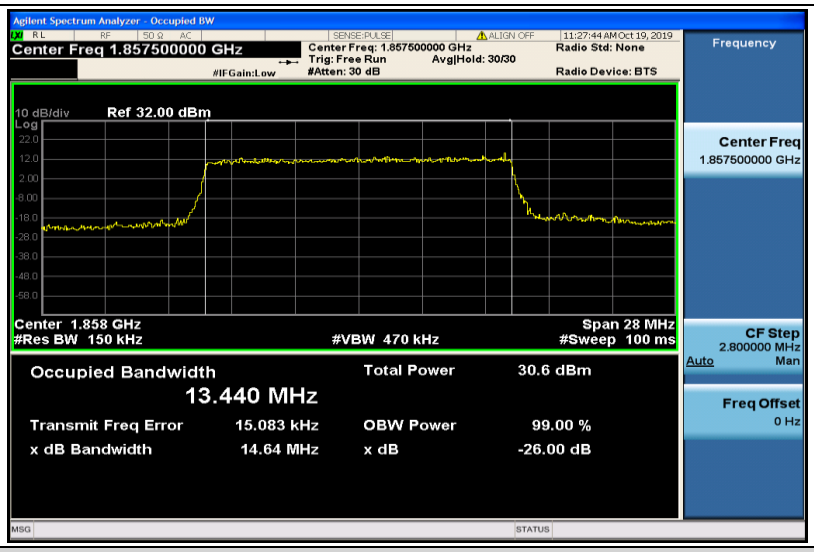
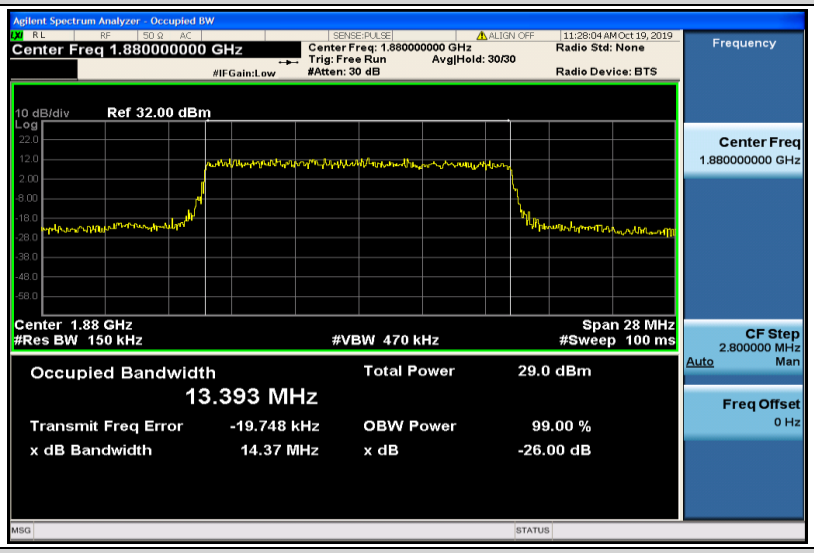


Band2-15MHz-16QAM-18675-75RB#0-13.440



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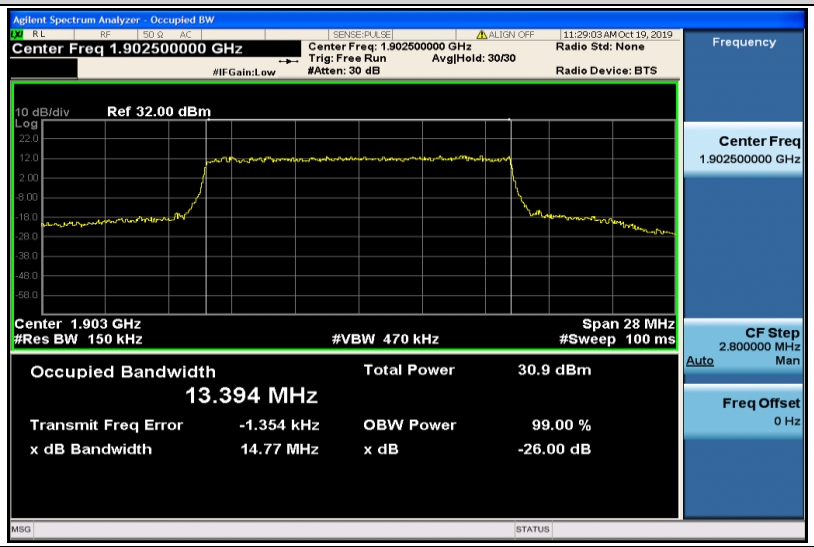
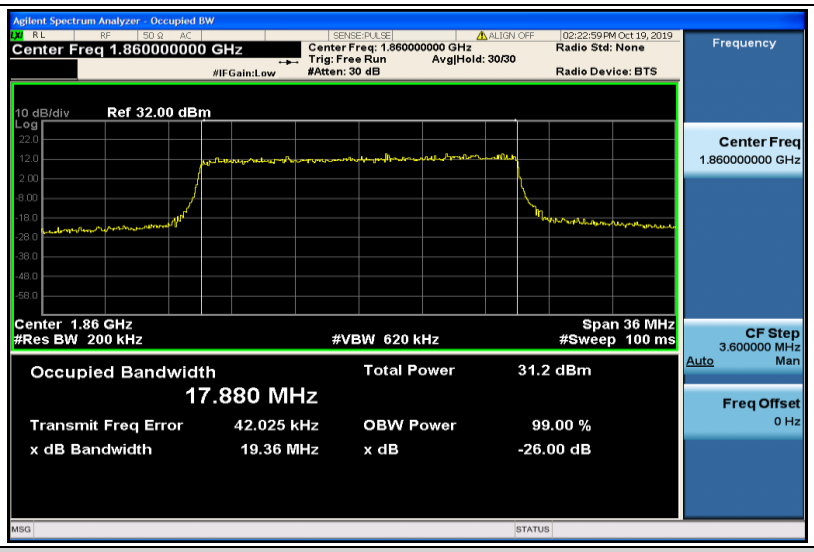
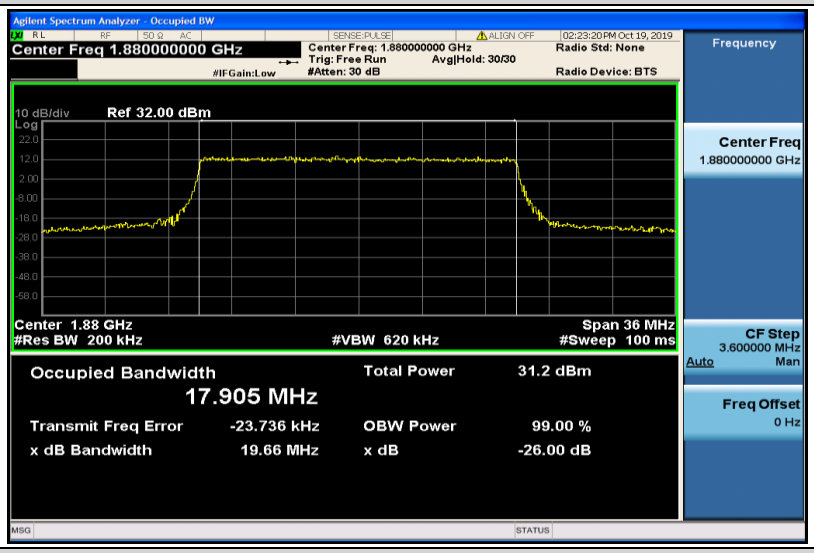


Band2-15MHz-16QAM-19125-75RB#0-13.394



Band2-20MHz-QPSK-18700-100RB#0-17.880



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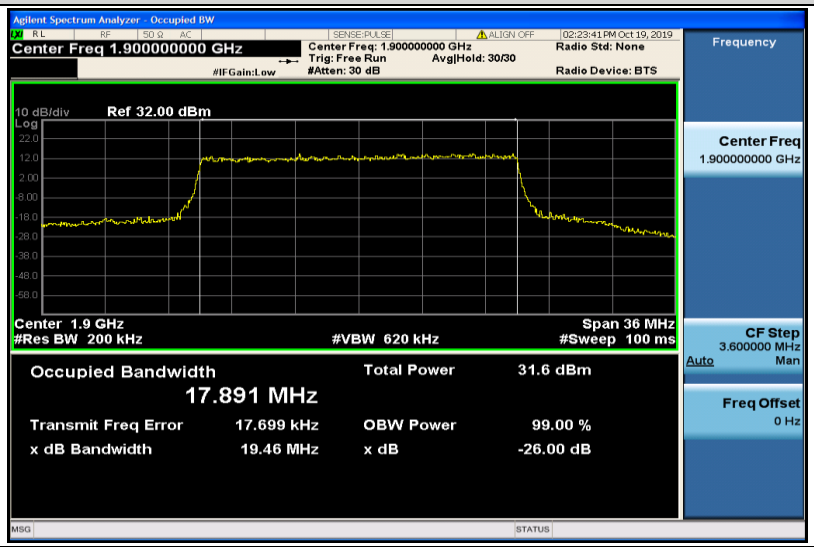

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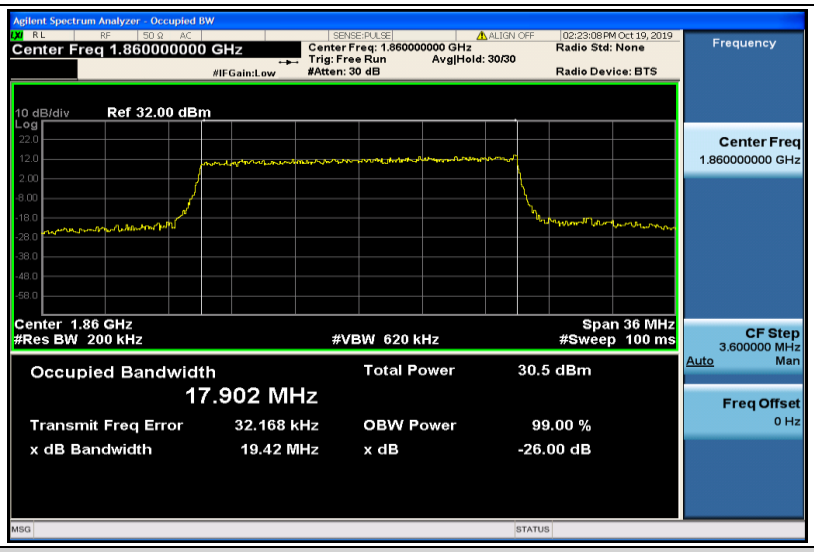

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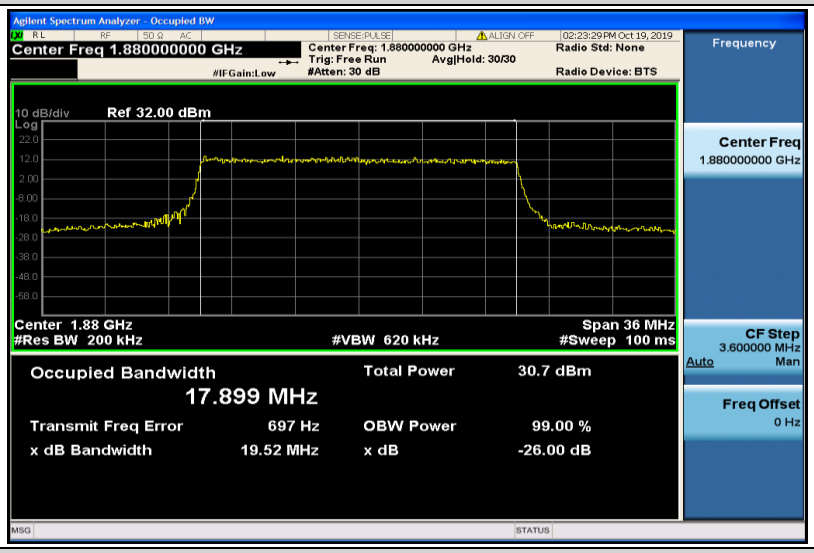

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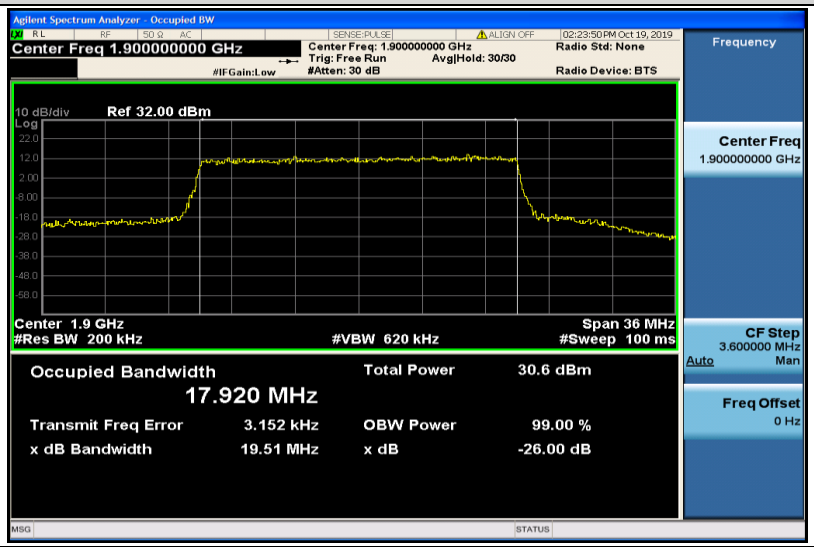
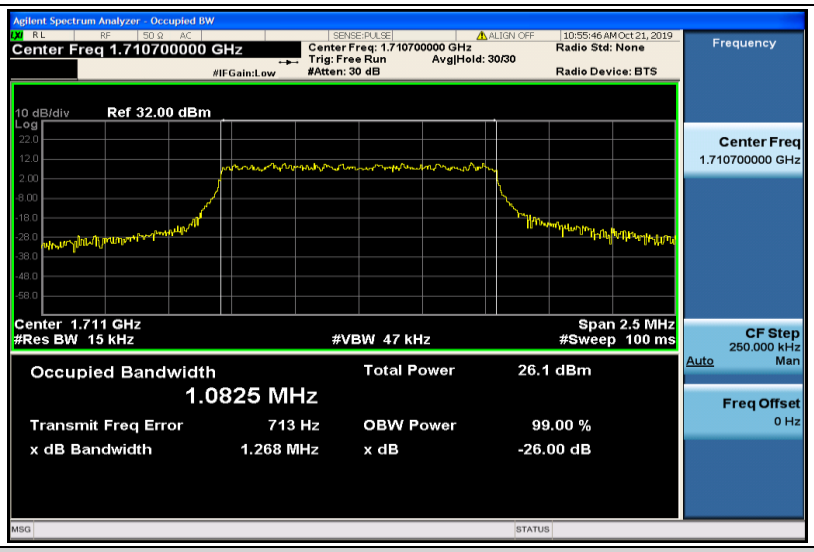
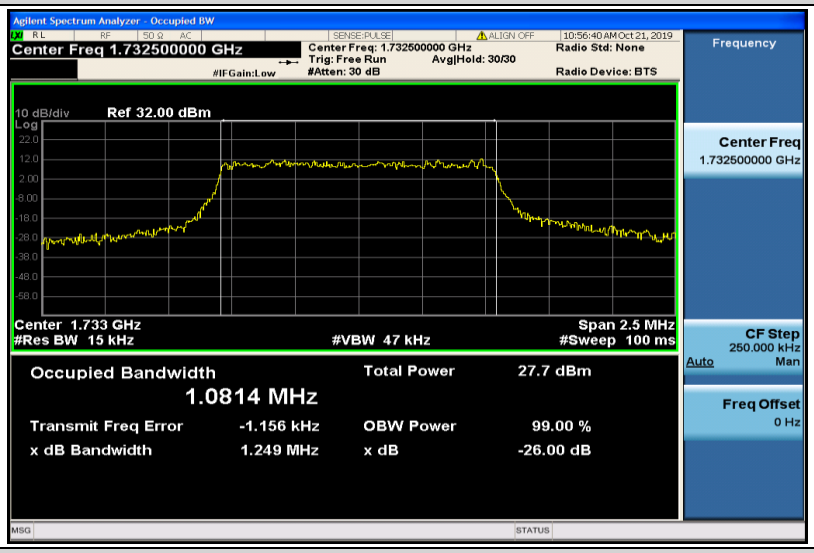


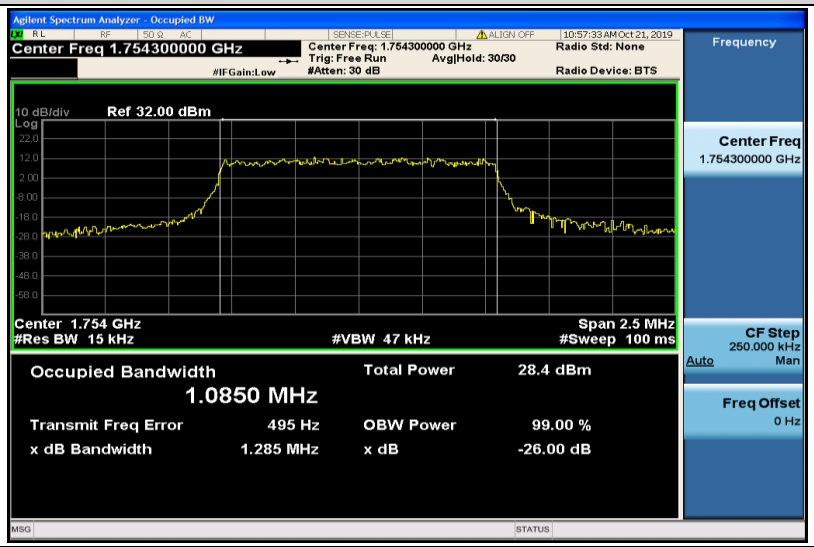
Band2-20MHz-16QAM-19100-100RB#0-17.920



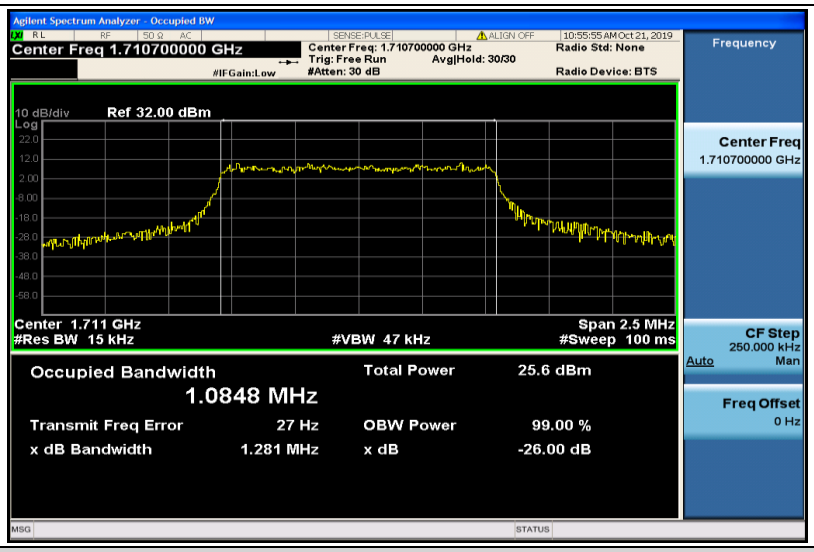
Band4-1.4MHz-QPSK-19957-6RB#0-1.0825



Band4-1.4MHz-QPSK-20175-6RB#0-1.0814



Band4-1.4MHz-QPSK-20393-6RB#0-1.0850



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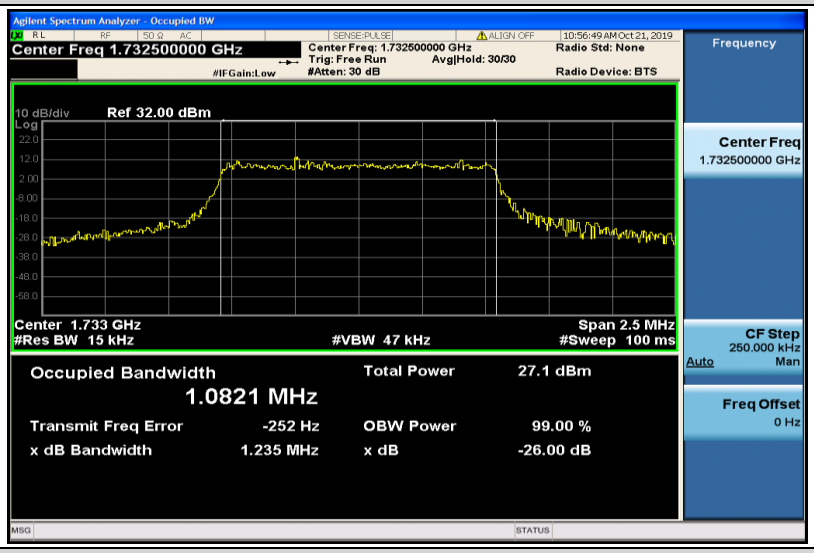

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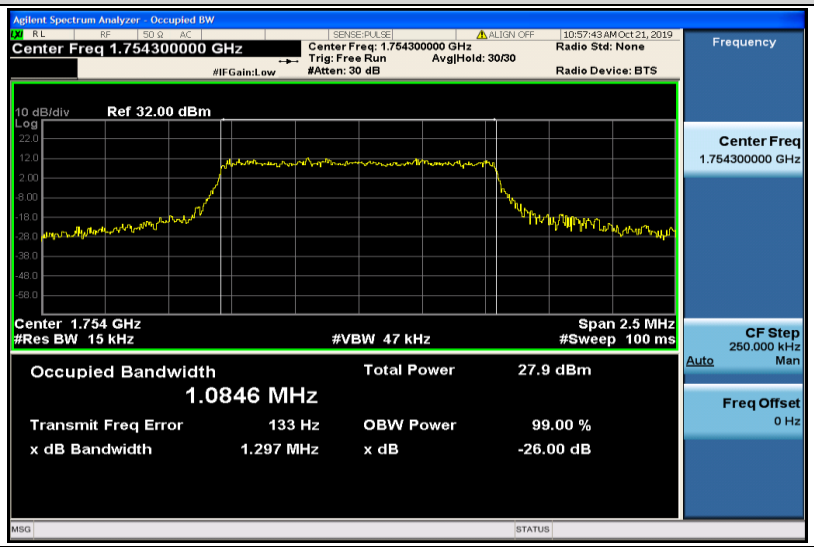

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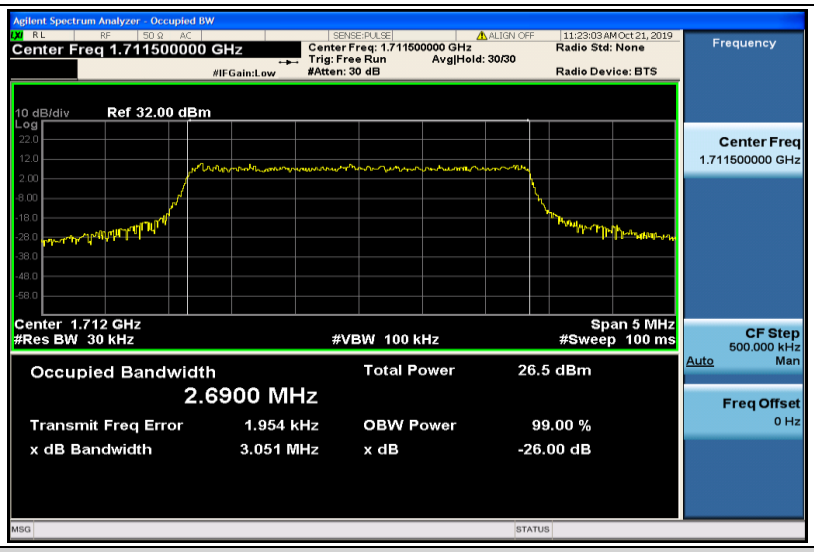
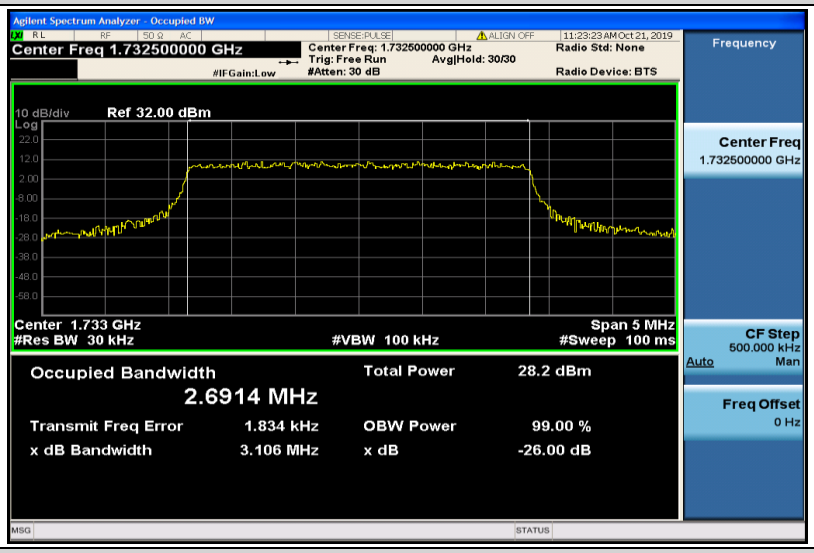
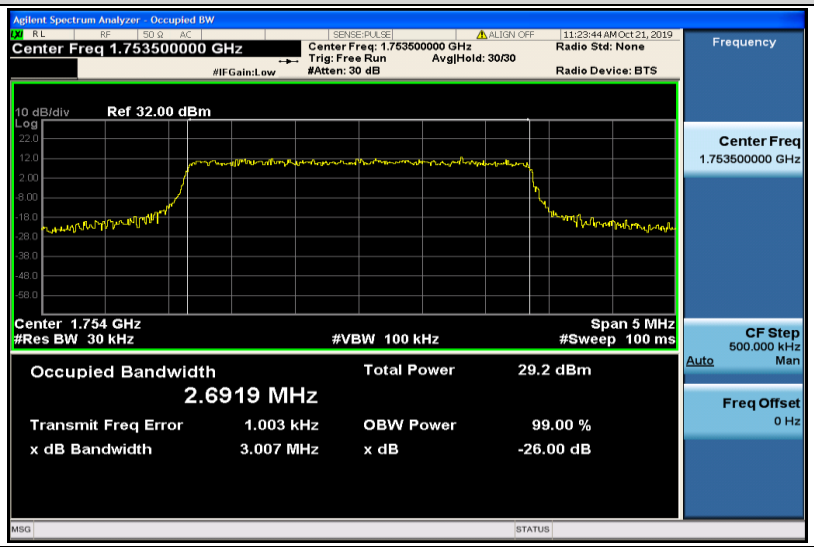


Band4-3MHz-QPSK-19965-15RB#0-2.6900



Band4-3MHz-QPSK-20175-15RB#0-2.6914



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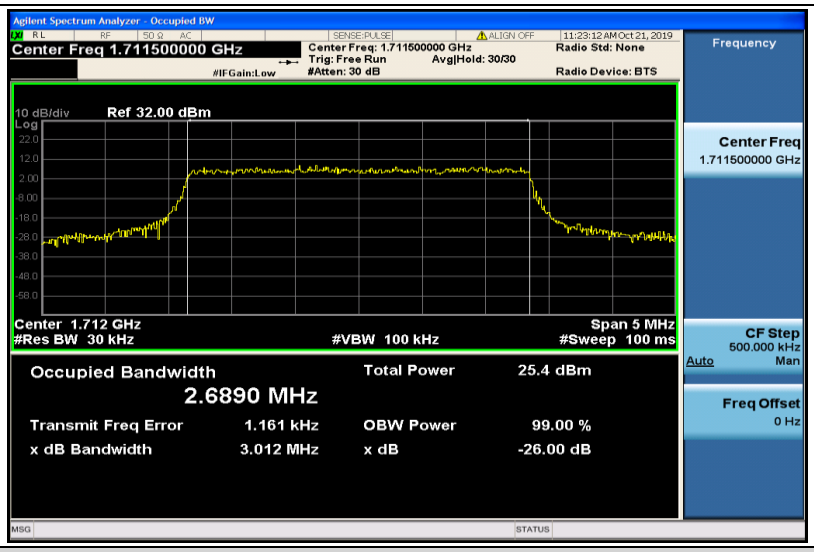
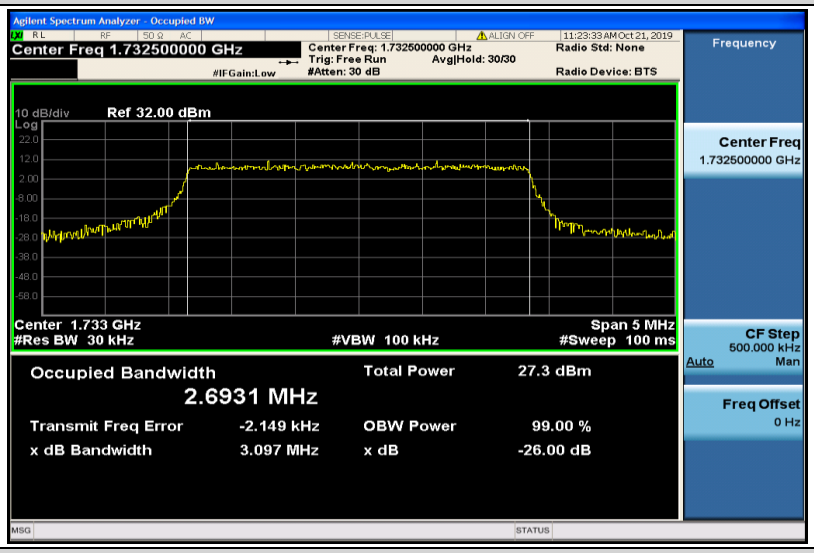


Band4-3MHz-16QAM-19965-15RB#0-2.6890



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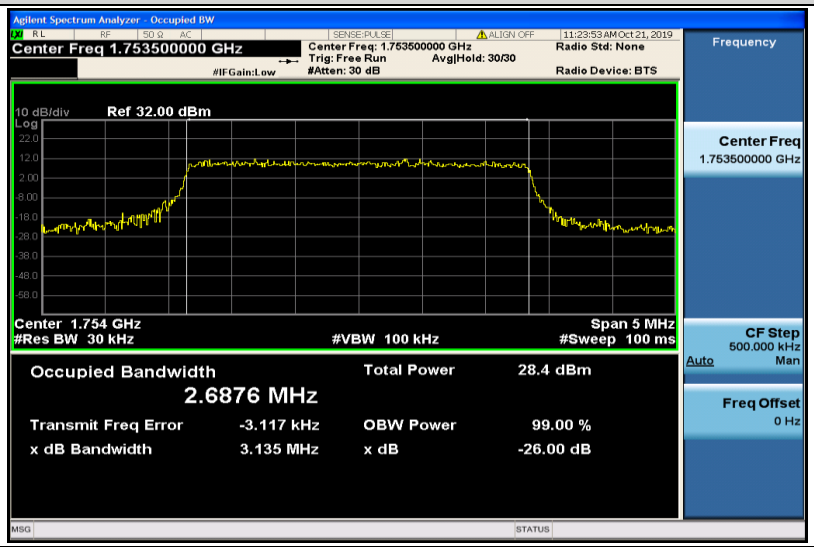

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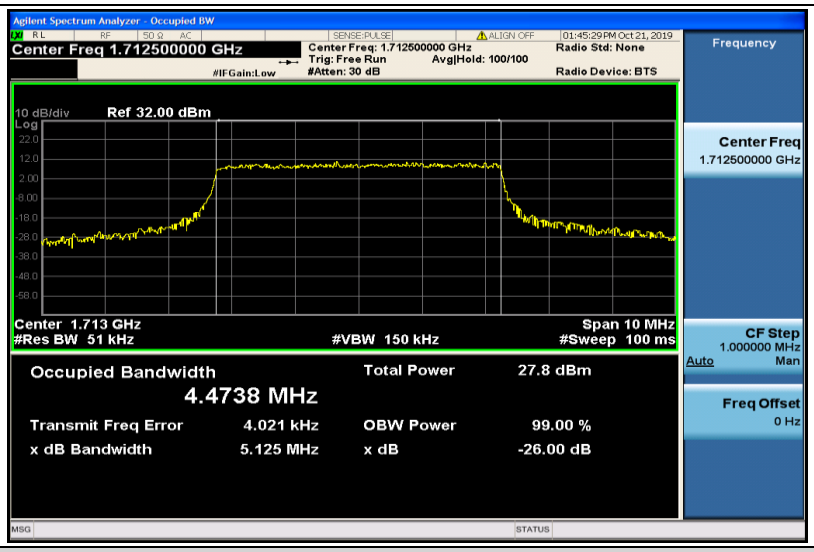
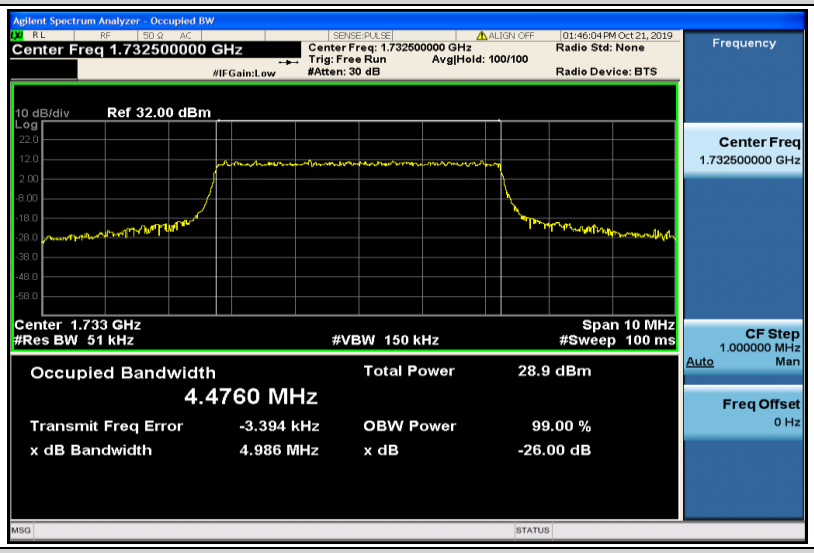


Band4-5MHz-QPSK-19975-25RB#0-4.4738



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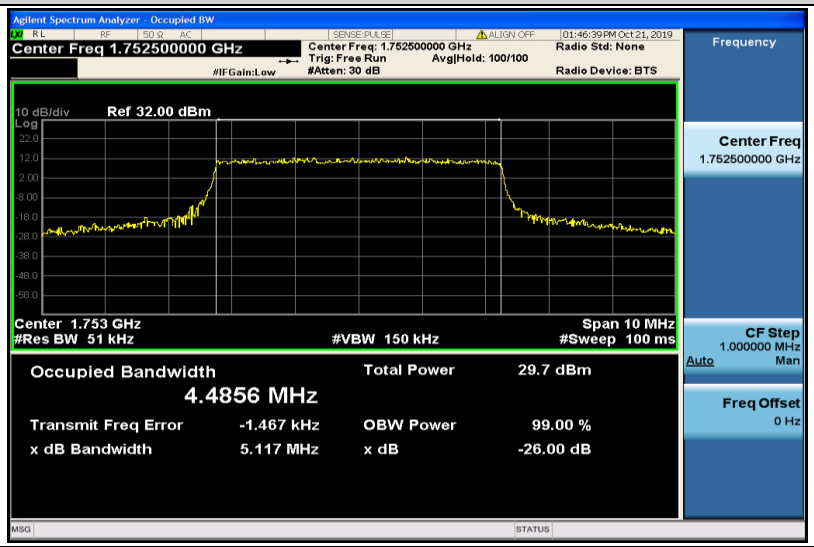
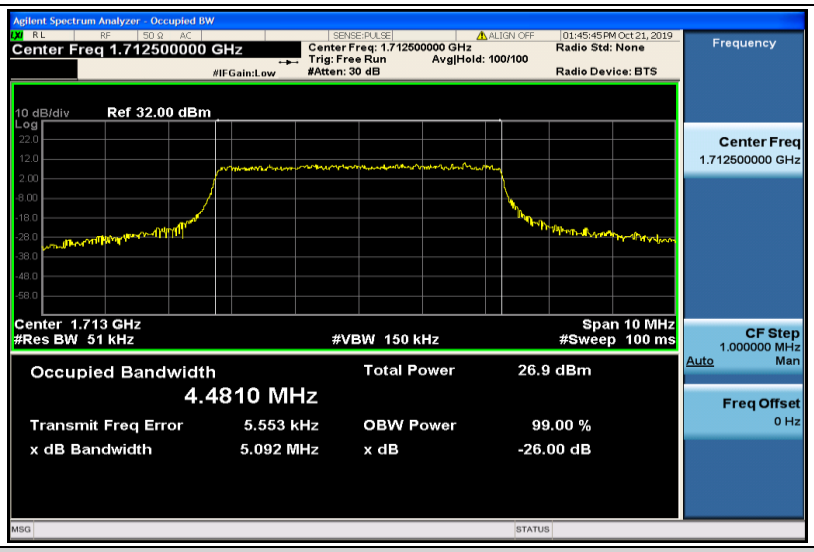


Band4-5MHz-QPSK-20375-25RB#0-4.4856



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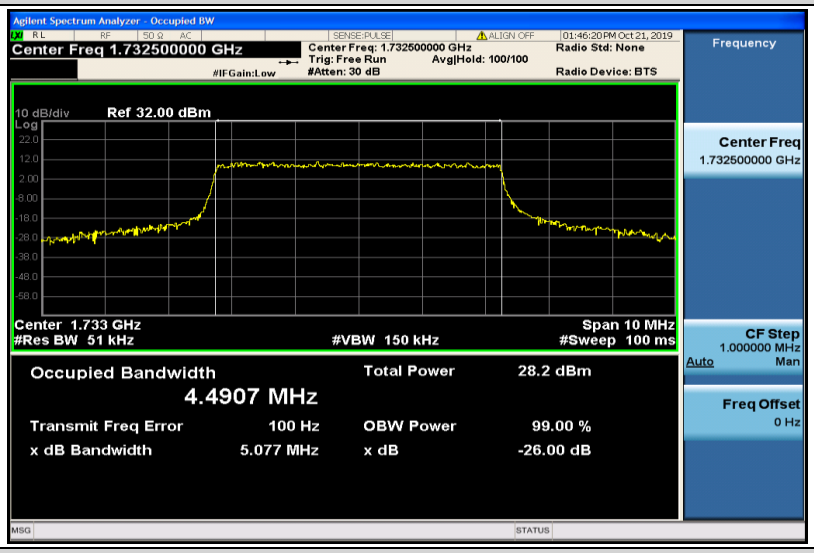

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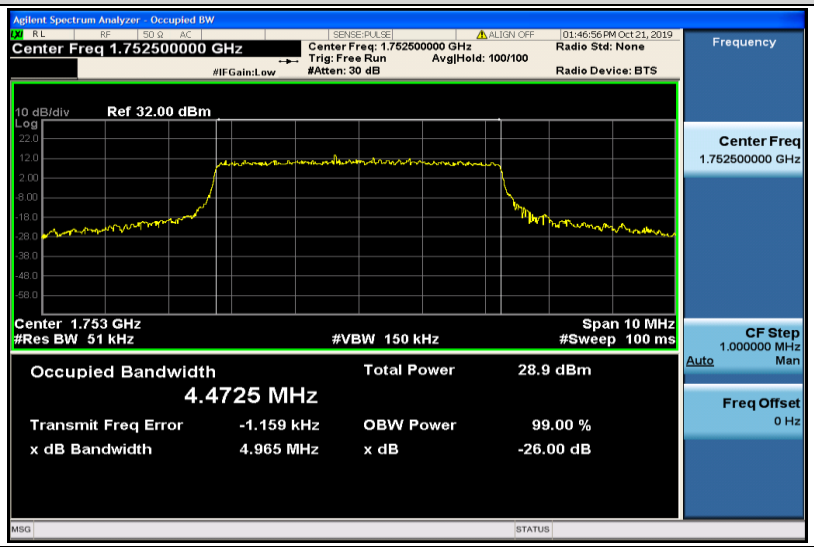

Band4-5MHz-16QAM-20375-25RB#0-4.4725