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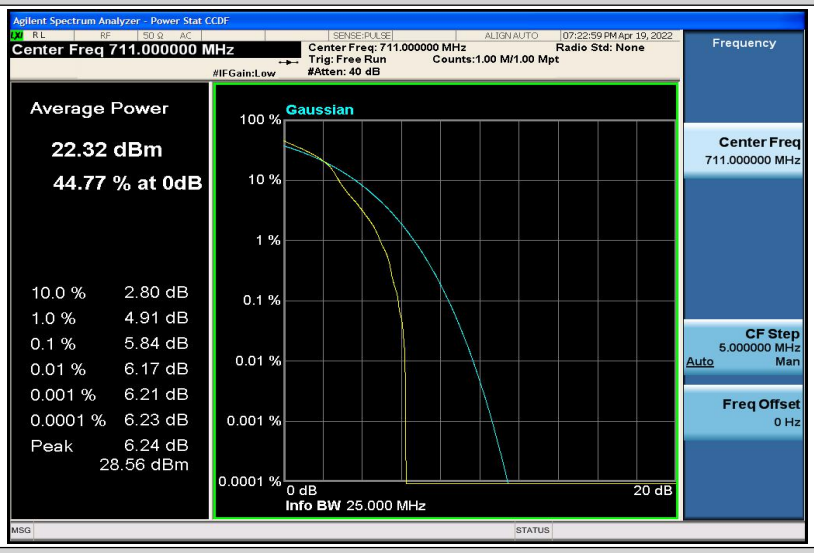

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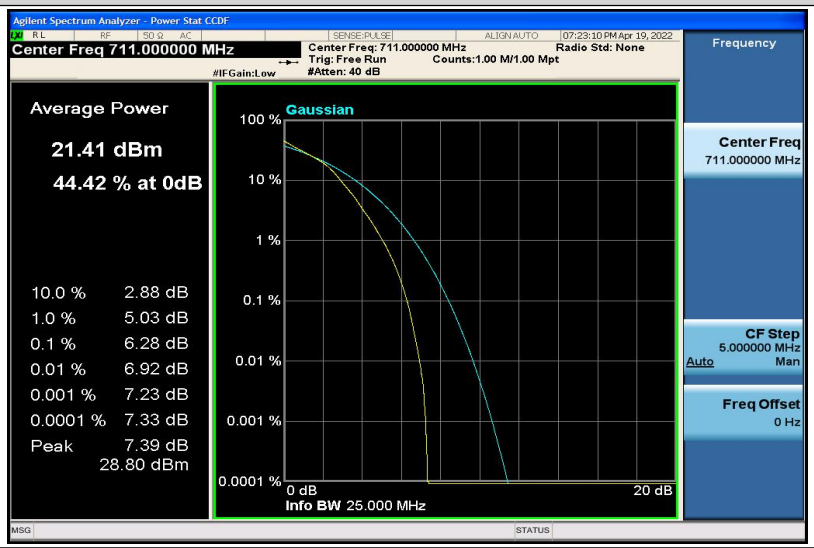
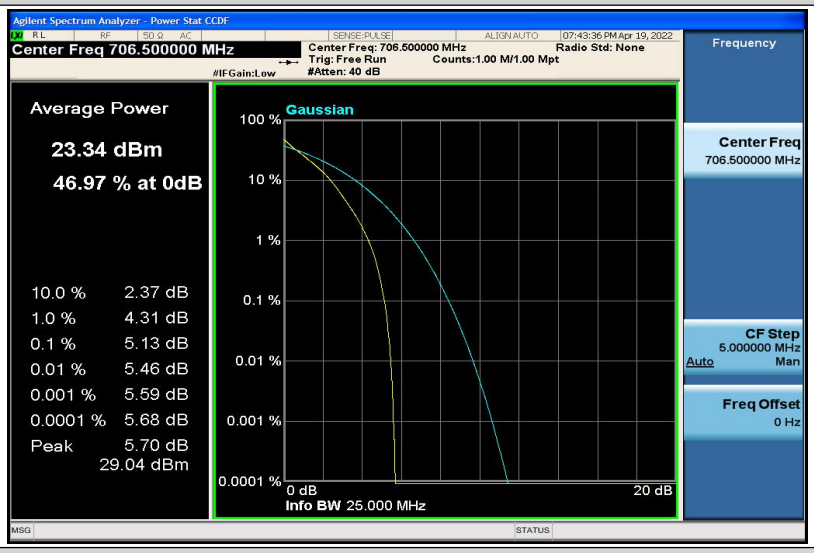


Band12-10MHz-16QAM-23130-50RB#0

Band17-5MHz-QPSK-23755-1RB#0



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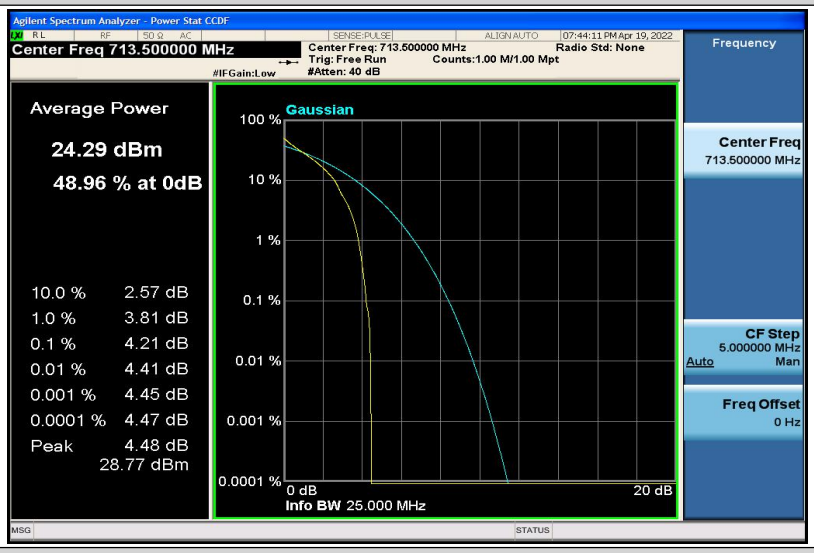

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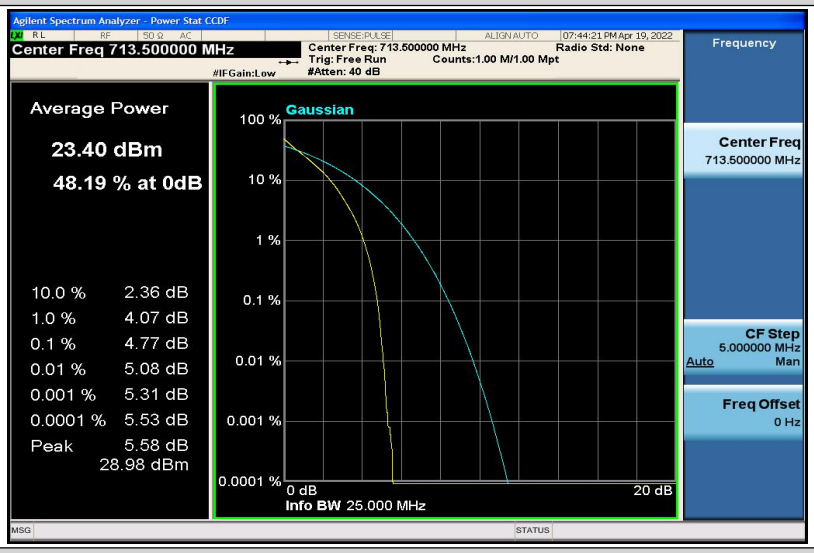

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Band17-5MHz-16QAM-23755-1RB#0

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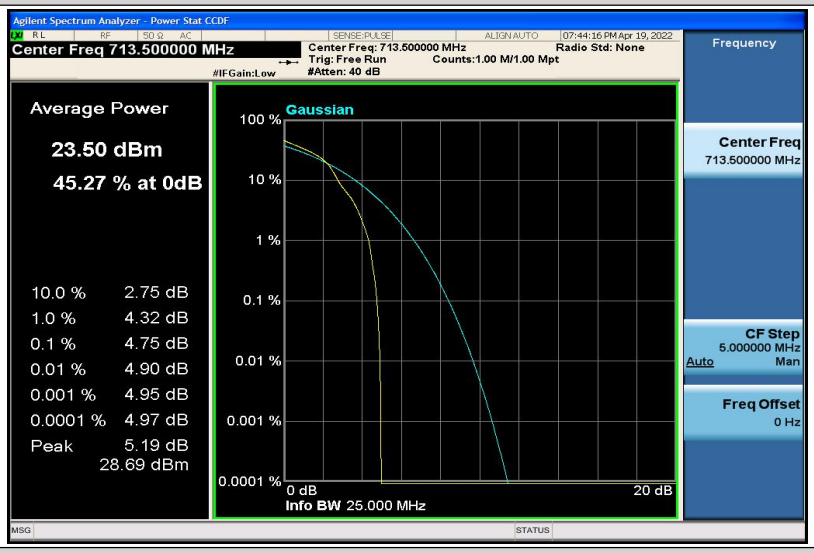

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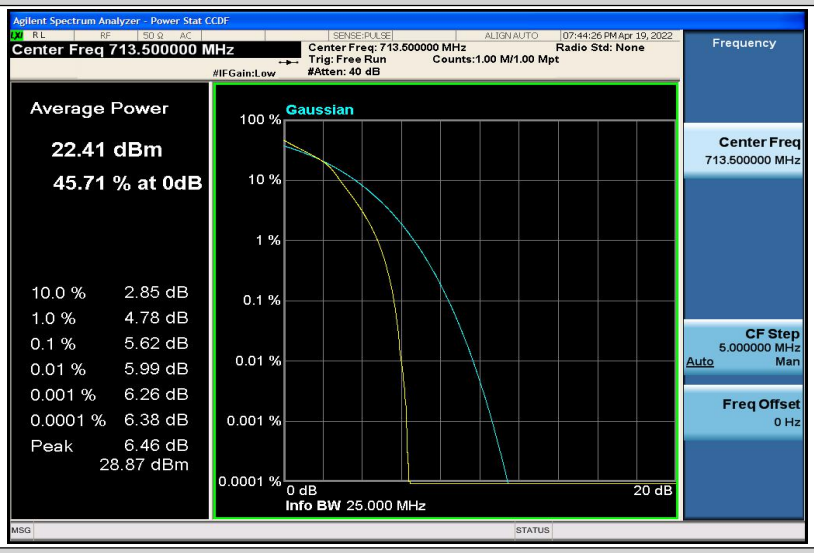

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Band17-10MHz-QPSK-23780-1RB#0

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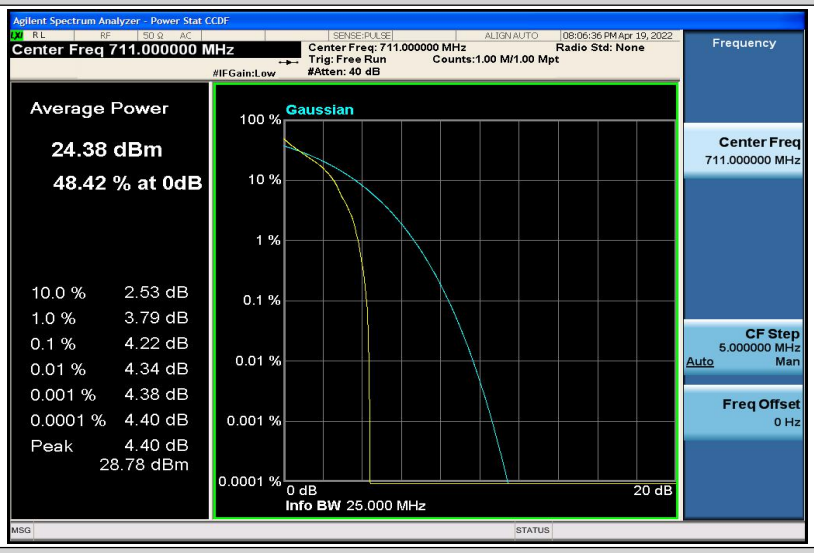

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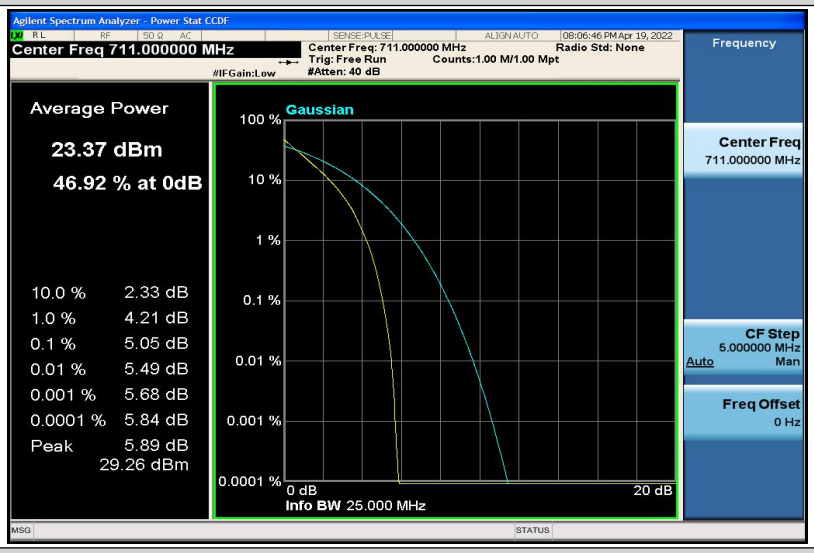

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Band17-10MHz-16QAM-23780-1RB#0

Band17-10MHz-16QAM-23780-50RB#0

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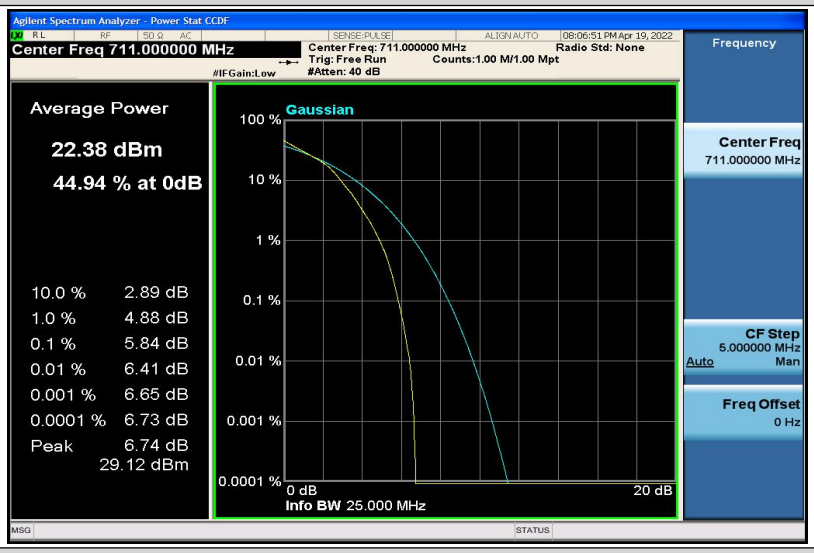


Band17-10MHz-16QAM-23800-50RB#0

8.3 Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

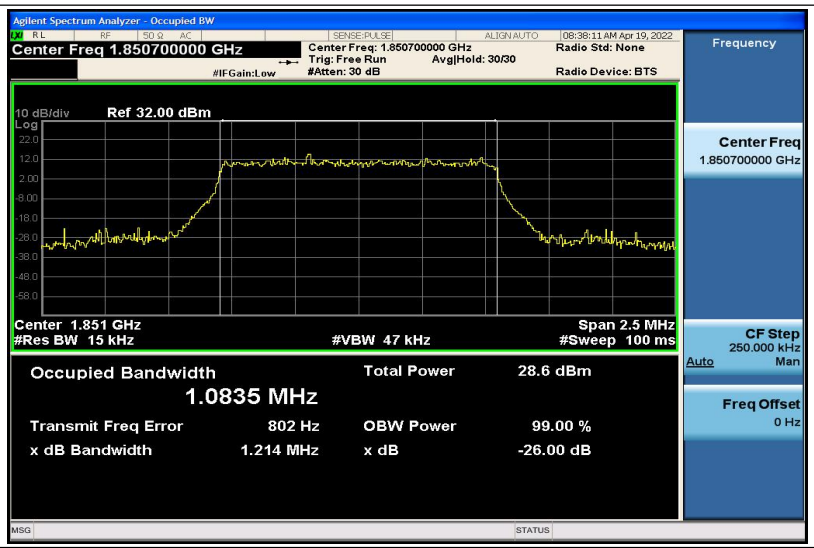
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	1.0835	1.214	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	1.0792	1.208	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1.0808	1.241	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1.0766	1.205	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.0810	1.241	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1.0794	1.242	PASS
Band2	3MHz	QPSK	18615	15RB#0	2.6763	2.854	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.6767	2.854	PASS
Band2	3MHz	QPSK	19185	15RB#0	2.6760	2.847	PASS
Band2	3MHz	16QAM	18615	15RB#0	2.6722	2.869	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.6734	2.854	PASS
Band2	3MHz	16QAM	19185	15RB#0	2.6749	2.857	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.4633	4.820	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.4757	4.841	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.4724	4.837	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.4697	4.835	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.4765	5.047	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.4703	4.796	PASS
Band2	10MHz	QPSK	18650	50RB#0	8.9524	9.542	PASS
Band2	10MHz	QPSK	18900	50RB#0	8.9385	9.523	PASS
Band2	10MHz	QPSK	19150	50RB#0	8.9568	9.626	PASS
Band2	10MHz	16QAM	18650	50RB#0	8.9435	9.580	PASS
Band2	10MHz	16QAM	18900	50RB#0	8.9367	9.542	PASS
Band2	10MHz	16QAM	19150	50RB#0	8.9430	9.541	PASS
Band2	15MHz	QPSK	18675	75RB#0	8.9701	9.949	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.419	14.39	PASS
Band2	15MHz	QPSK	19125	75RB#0	13.421	14.35	PASS
Band2	15MHz	16QAM	18675	75RB#0	13.399	14.25	PASS
Band2	15MHz	16QAM	18900	75RB#0	13.407	14.41	PASS
Band2	15MHz	16QAM	19125	75RB#0	13.412	14.35	PASS
Band2	20MHz	QPSK	18700	100RB#0	17.858	19.22	PASS
Band2	20MHz	QPSK	18900	100RB#0	17.859	19.43	PASS
Band2	20MHz	QPSK	19100	100RB#0	17.872	18.94	PASS
Band2	20MHz	16QAM	18700	100RB#0	17.856	19.06	PASS
Band2	20MHz	16QAM	18900	100RB#0	17.882	19.74	PASS
Band2	20MHz	16QAM	19100	100RB#0	17.857	18.97	PASS

Band4	1.4MHz	QPSK	19957	6RB#0	1.0836	1.239	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.0800	1.232	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.0792	1.236	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.0781	1.242	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.0804	1.242	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.0771	1.242	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.6744	2.862	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.6765	2.863	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.6800	2.846	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.6748	2.860	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.6796	2.863	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.6705	2.849	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.4661	5.099	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.4784	5.056	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.4779	4.862	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.4720	4.845	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.4746	5.083	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.4695	4.802	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.9460	9.567	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.9378	9.642	PASS
Band4	10MHz	QPSK	20350	50RB#0	8.9508	9.614	PASS
Band4	10MHz	16QAM	20000	50RB#0	8.9472	9.607	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.9392	9.753	PASS
Band4	10MHz	16QAM	20350	50RB#0	8.9470	9.579	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.424	14.27	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.396	14.67	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.433	14.32	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.408	14.21	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.408	14.56	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.412	14.38	PASS
Band4	20MHz	QPSK	20050	100RB#0	17.880	19.13	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.832	18.93	PASS
Band4	20MHz	QPSK	20300	100RB#0	17.872	18.94	PASS
Band4	20MHz	16QAM	20050	100RB#0	17.854	18.99	PASS
Band4	20MHz	16QAM	20175	100RB#0	17.862	19.43	PASS
Band4	20MHz	16QAM	20300	100RB#0	17.862	18.98	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	1.0781	1.231	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.0824	1.237	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.0787	1.239	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.0791	1.265	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.0783	1.232	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.0805	1.273	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.6790	2.844	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.6830	2.863	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.6768	2.854	PASS

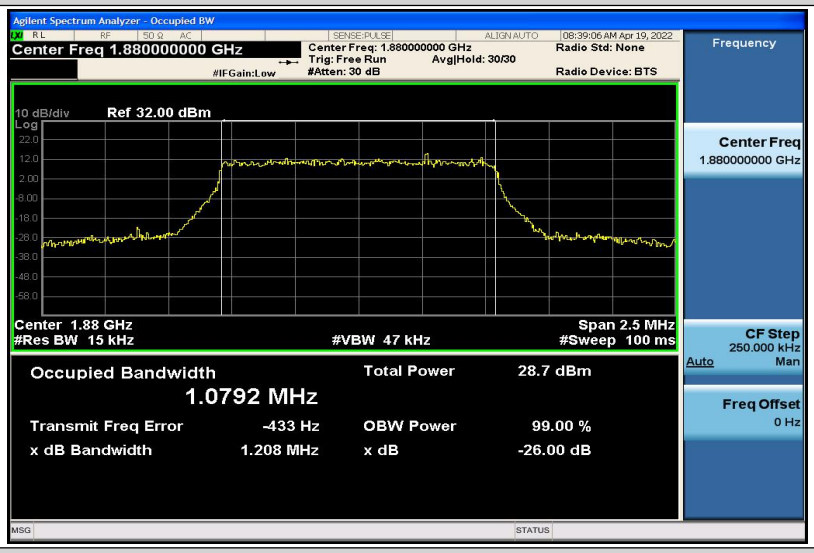
Band5	3MHz	16QAM	20415	15RB#0	2.6727	2.853	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.6761	2.867	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.6750	2.860	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.4765	4.831	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.4684	4.828	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.4745	4.836	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.4647	4.785	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.4689	4.858	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.4640	4.782	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.9428	9.616	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.9534	9.568	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.9406	9.647	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.9318	9.549	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.9480	9.621	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.9417	9.576	PASS
Band7	5MHz	QPSK	20775	25RB#0	4.4676	4.815	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.4806	4.863	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.4802	4.849	PASS
Band7	5MHz	16QAM	20775	25RB#0	4.4687	4.838	PASS
Band7	5MHz	16QAM	21100	25RB#0	4.4792	4.945	PASS
Band7	5MHz	16QAM	21425	25RB#0	4.4643	4.775	PASS
Band7	10MHz	QPSK	20800	50RB#0	8.9416	9.868	PASS
Band7	10MHz	QPSK	21100	50RB#0	8.9527	9.680	PASS
Band7	10MHz	QPSK	21400	50RB#0	8.9438	9.570	PASS
Band7	10MHz	16QAM	20800	50RB#0	8.9286	9.475	PASS
Band7	10MHz	16QAM	21100	50RB#0	8.9516	9.706	PASS
Band7	10MHz	16QAM	21400	50RB#0	8.9455	9.550	PASS
Band7	15MHz	QPSK	20825	75RB#0	13.401	14.40	PASS
Band7	15MHz	QPSK	21100	75RB#0	13.414	15.42	PASS
Band7	15MHz	QPSK	21375	75RB#0	13.419	14.39	PASS
Band7	15MHz	16QAM	20825	75RB#0	13.400	14.20	PASS
Band7	15MHz	16QAM	21100	75RB#0	13.399	14.37	PASS
Band7	15MHz	16QAM	21375	75RB#0	13.407	14.36	PASS
Band7	20MHz	QPSK	20850	100RB#0	9.0266	10.23	PASS
Band7	20MHz	QPSK	21100	100RB#0	17.893	19.11	PASS
Band7	20MHz	QPSK	21350	100RB#0	17.866	19.08	PASS
Band7	20MHz	16QAM	20850	100RB#0	17.845	19.03	PASS
Band7	20MHz	16QAM	21100	100RB#0	17.916	19.08	PASS
Band7	20MHz	16QAM	21350	100RB#0	17.895	19.04	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	1.0760	1.234	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.0814	1.242	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.0802	1.248	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1.0798	1.265	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.0802	1.239	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1.0760	1.226	PASS

Band12	3MHz	QPSK	23025	15RB#0	2.6806	2.861	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.6771	2.856	PASS
Band12	3MHz	QPSK	23165	15RB#0	2.6783	2.866	PASS
Band12	3MHz	16QAM	23025	15RB#0	2.6754	2.858	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.6698	2.867	PASS
Band12	3MHz	16QAM	23165	15RB#0	2.6762	2.867	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.4786	5.090	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.4875	5.642	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.4886	5.319	PASS
Band12	5MHz	16QAM	23035	25RB#0	4.4900	5.296	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.4867	5.343	PASS
Band12	5MHz	16QAM	23155	25RB#0	4.4818	4.986	PASS
Band12	10MHz	QPSK	23060	50RB#0	8.9535	10.05	PASS
Band12	10MHz	QPSK	23095	50RB#0	8.9612	10.21	PASS
Band12	10MHz	QPSK	23130	50RB#0	8.9763	10.35	PASS
Band12	10MHz	16QAM	23060	50RB#0	8.9476	9.810	PASS
Band12	10MHz	16QAM	23095	50RB#0	8.9617	9.840	PASS
Band12	10MHz	16QAM	23130	50RB#0	8.9581	10.13	PASS
Band17	5MHz	QPSK	23755	25RB#0	4.4732	5.026	PASS
Band17	5MHz	QPSK	23790	25RB#0	4.4851	5.060	PASS
Band17	5MHz	QPSK	23825	25RB#0	4.4866	5.039	PASS
Band17	5MHz	16QAM	23755	25RB#0	4.4809	5.076	PASS
Band17	5MHz	16QAM	23790	25RB#0	4.4862	5.031	PASS
Band17	5MHz	16QAM	23825	25RB#0	4.4727	4.968	PASS
Band17	10MHz	QPSK	23780	50RB#0	8.9565	9.792	PASS
Band17	10MHz	QPSK	23790	50RB#0	8.9730	9.987	PASS
Band17	10MHz	QPSK	23800	50RB#0	8.9548	9.896	PASS
Band17	10MHz	16QAM	23780	50RB#0	8.9590	9.862	PASS
Band17	10MHz	16QAM	23790	50RB#0	8.9546	9.705	PASS
Band17	10MHz	16QAM	23800	50RB#0	8.9666	9.909	PASS

Test Graphs



Band2-1.4MHz-QPSK-18607-6RB#0-1.0835



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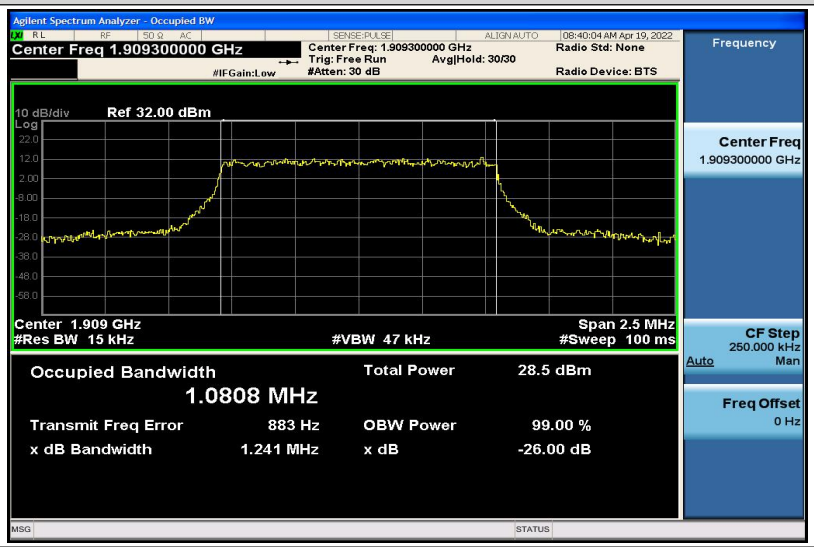

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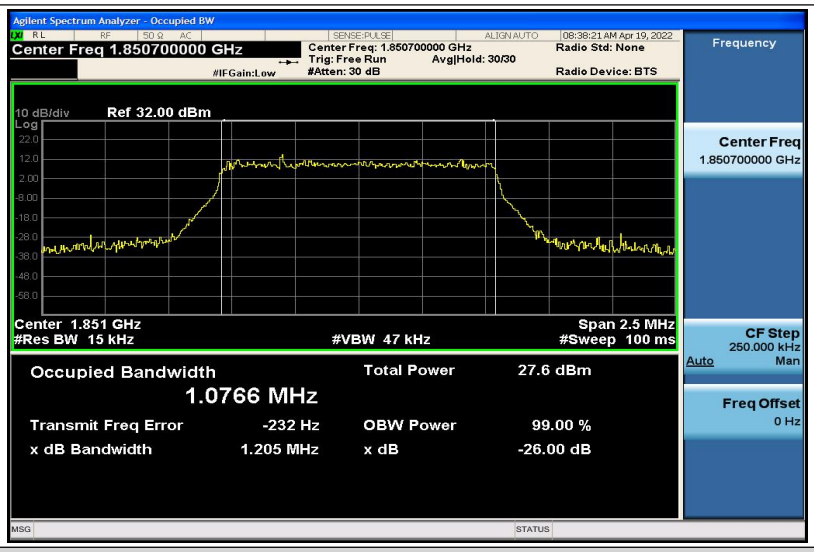

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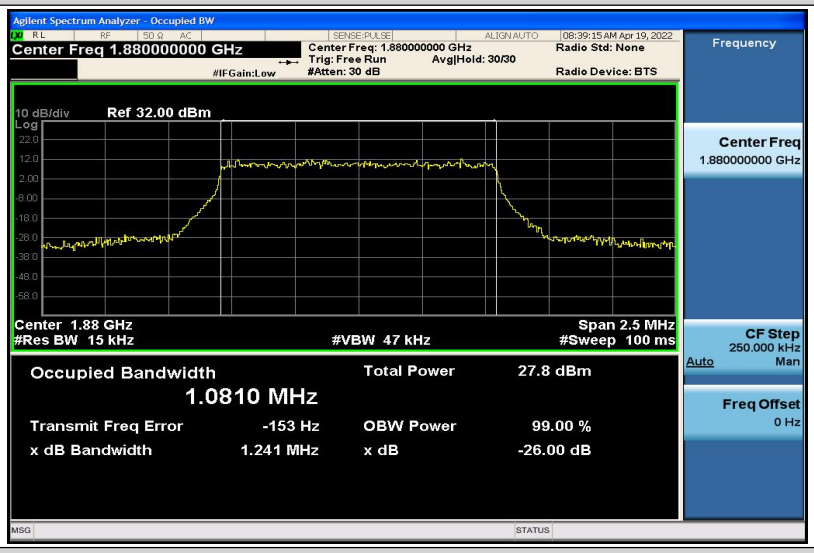

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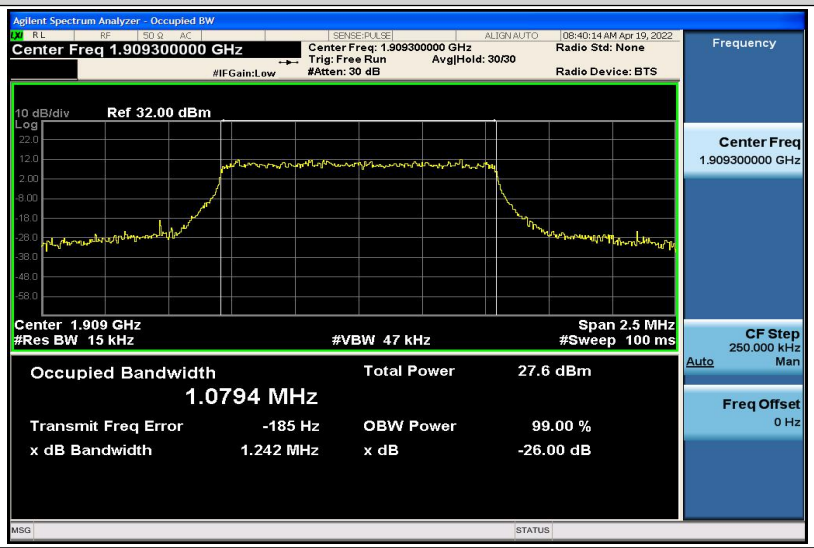
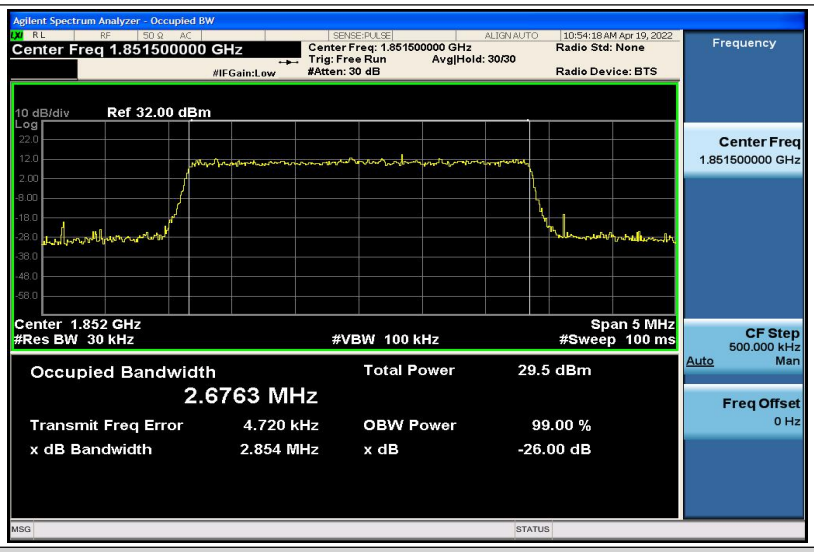
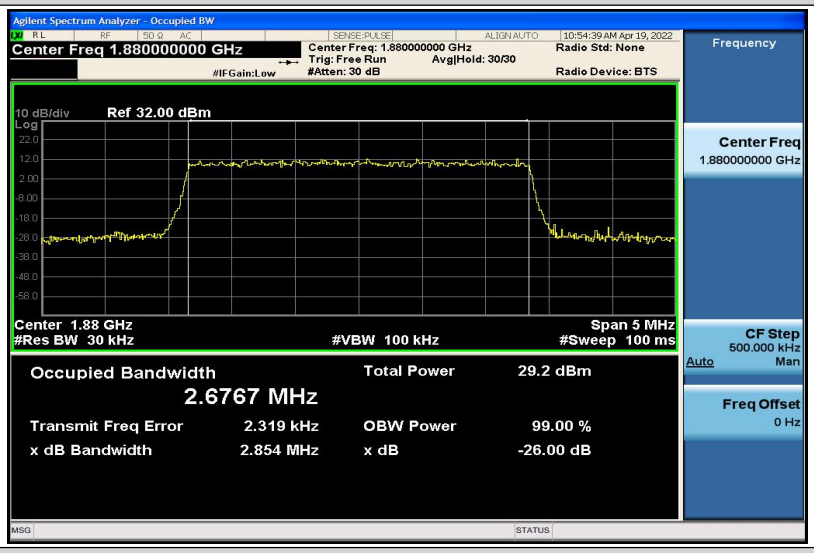


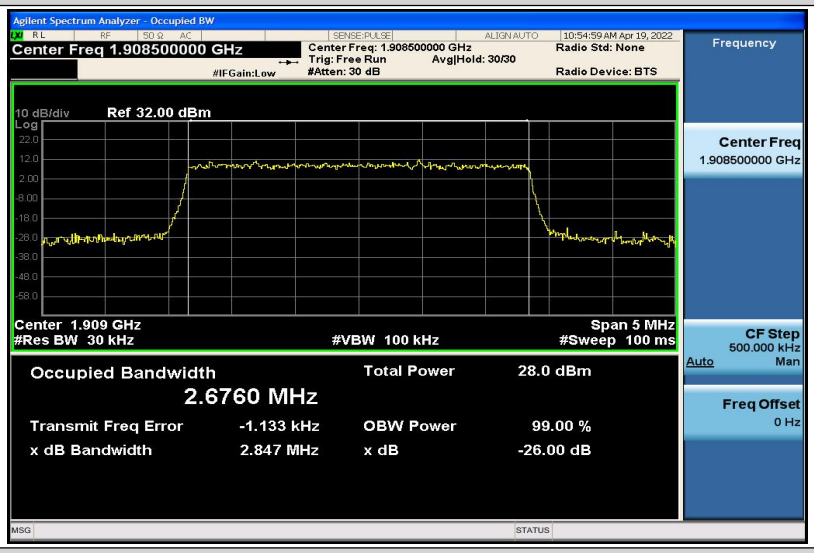
Band2-1.4MHz-16QAM-19193-6RB#0-1.0794



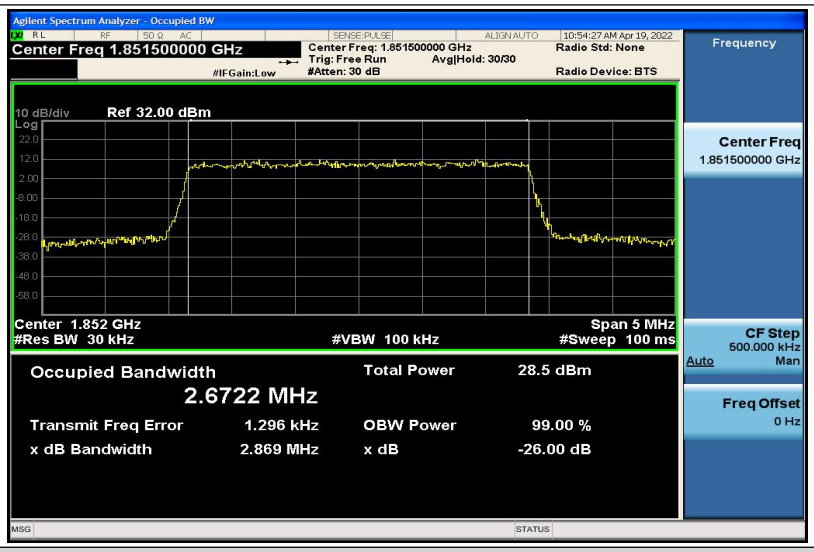
Band2-3MHz-QPSK-18615-15RB#0-2.6763



Band2-3MHz-QPSK-18900-15RB#0-2.6767



Band2-3MHz-QPSK-19185-15RB#0-2.6760



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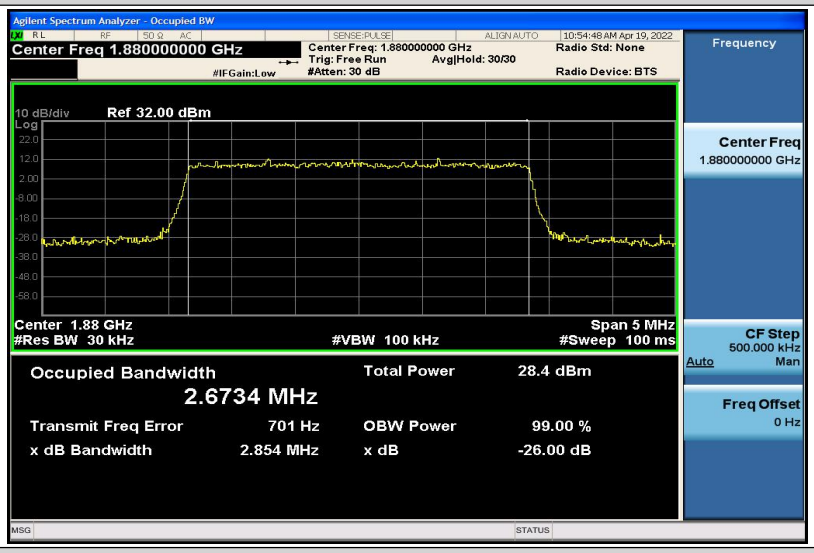

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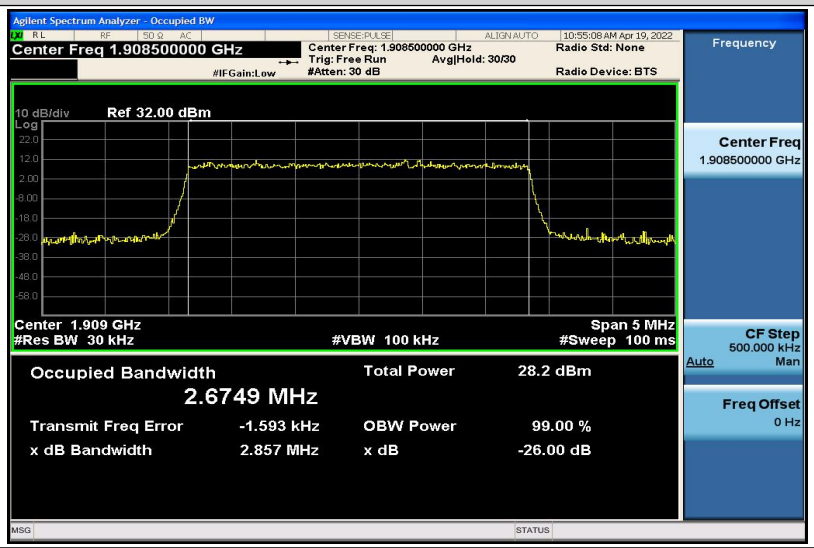

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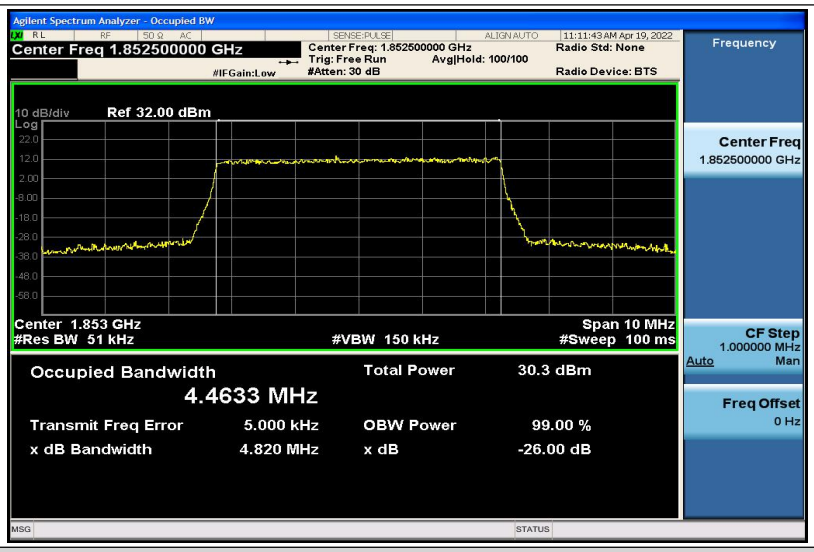
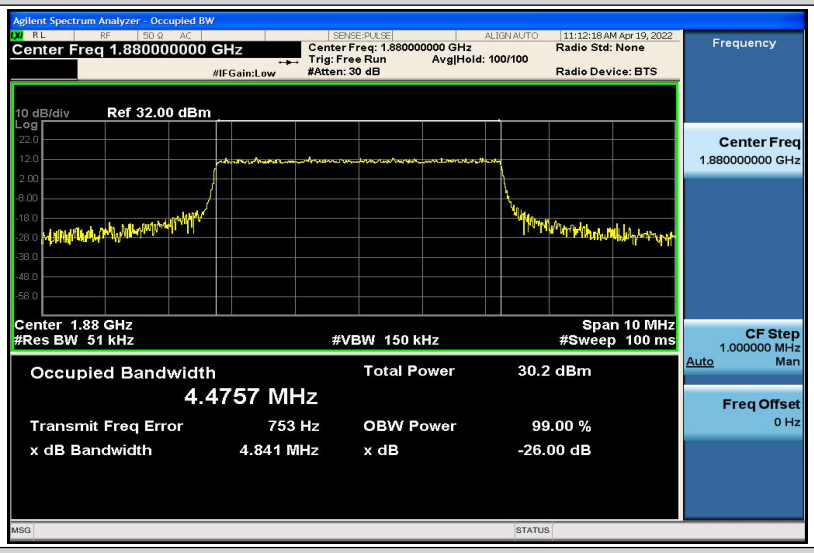


Band2-5MHz-QPSK-18625-25RB#0-4.4633



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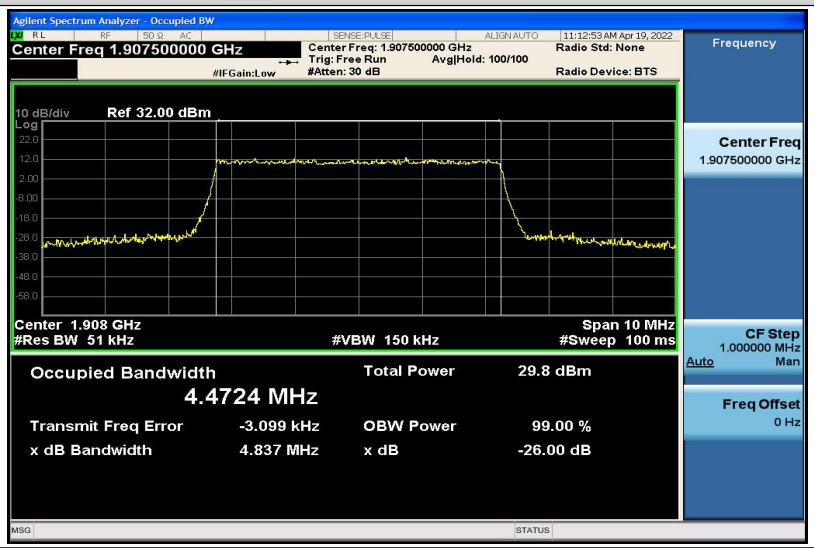
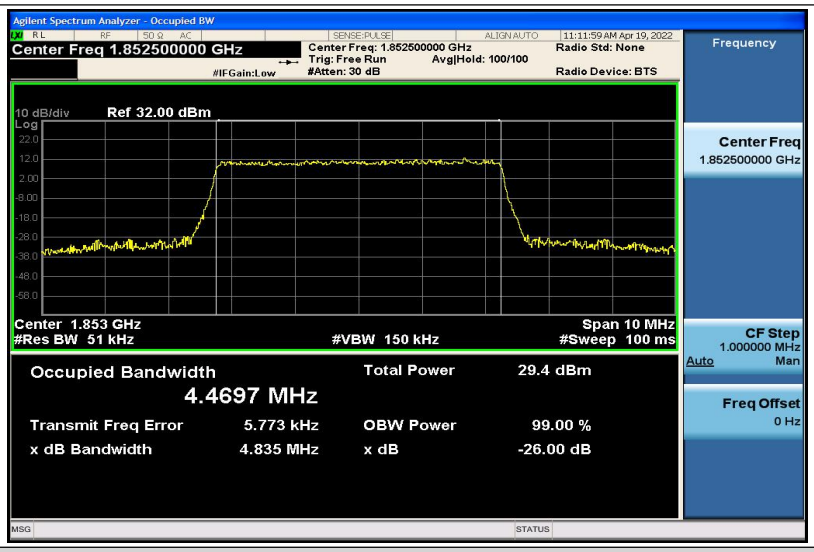


Band2-5MHz-QPSK-19175-25RB#0-4.4724



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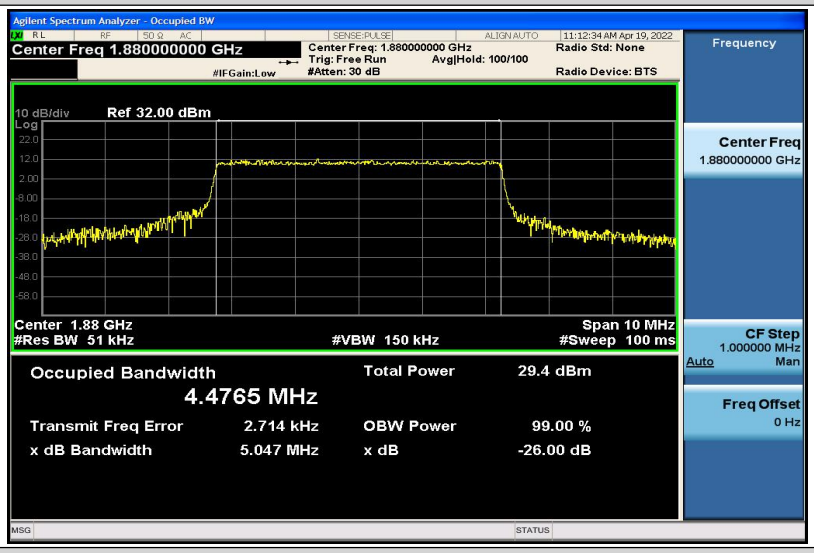

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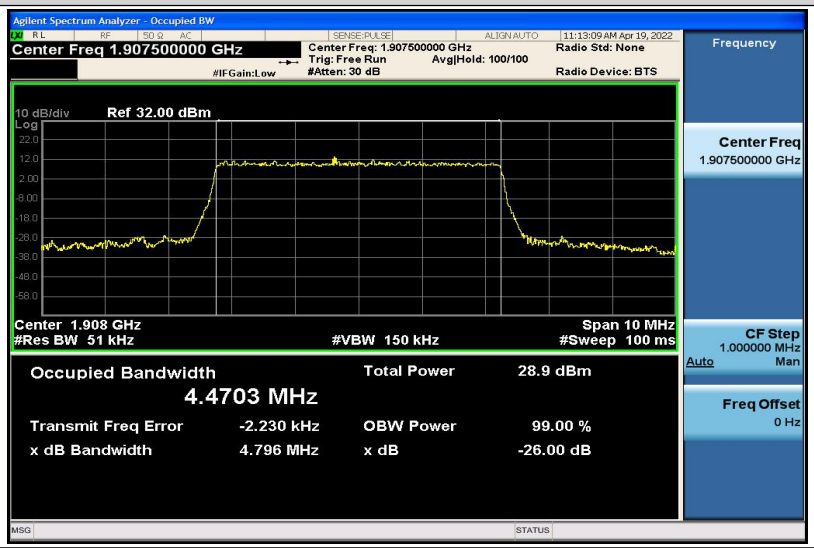

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