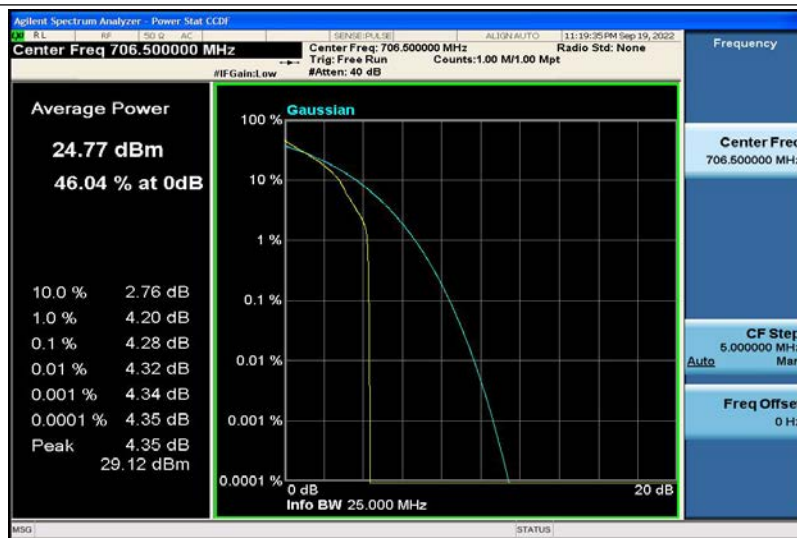
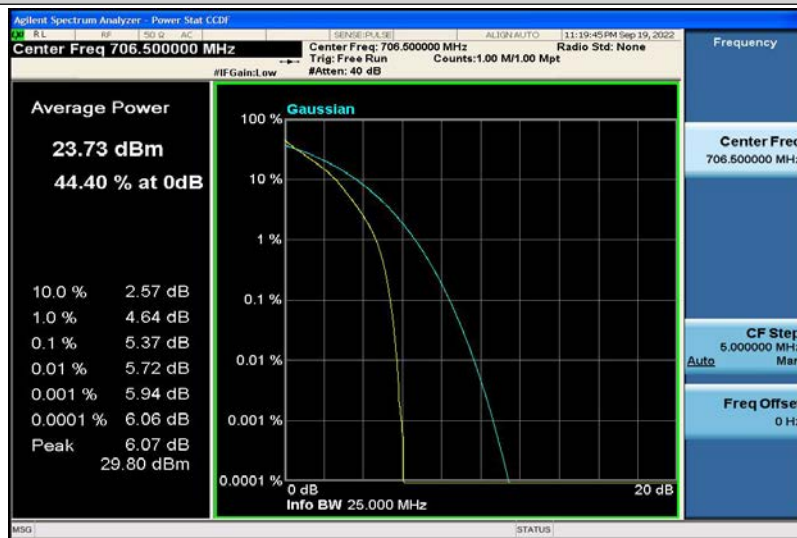
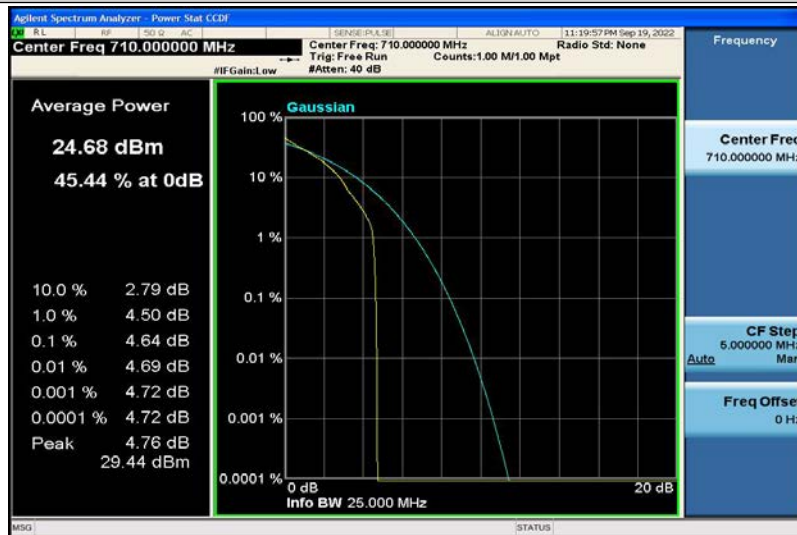




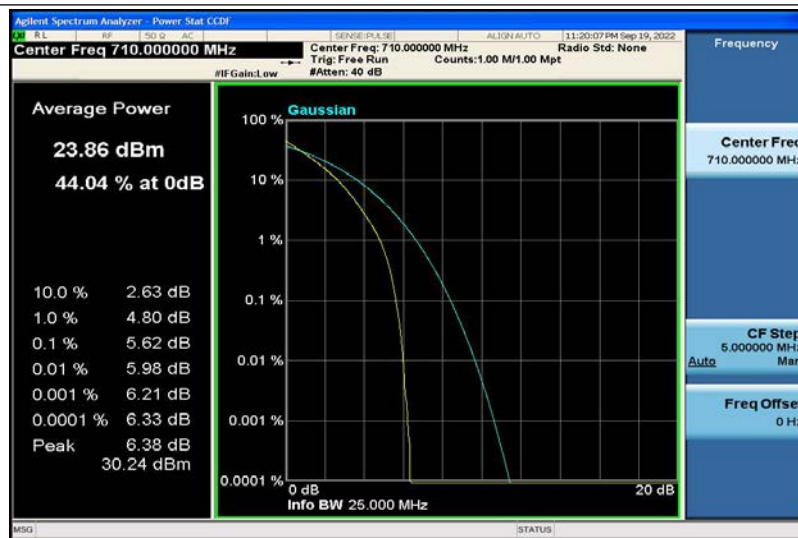
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Band17-5MHz-QPSK-23755-25RB#0



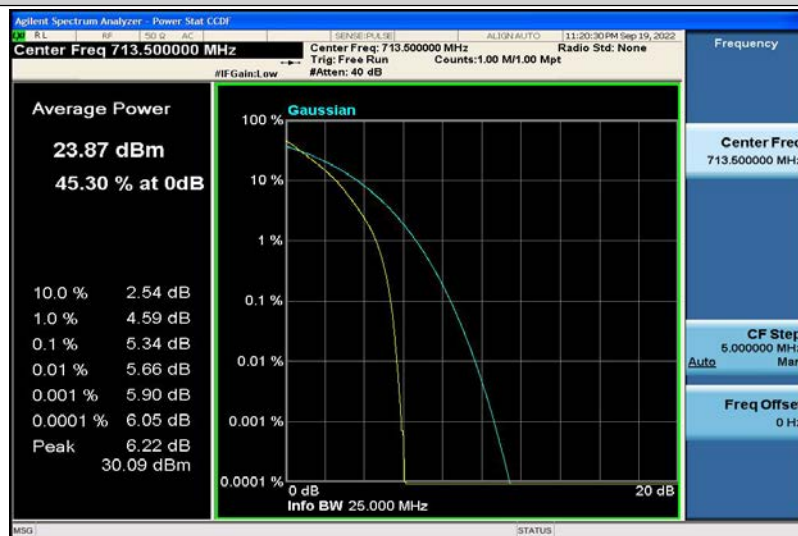
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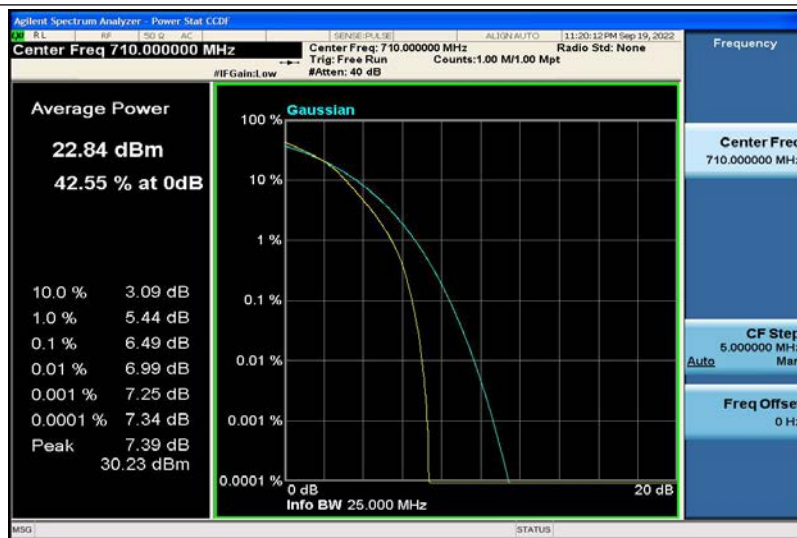
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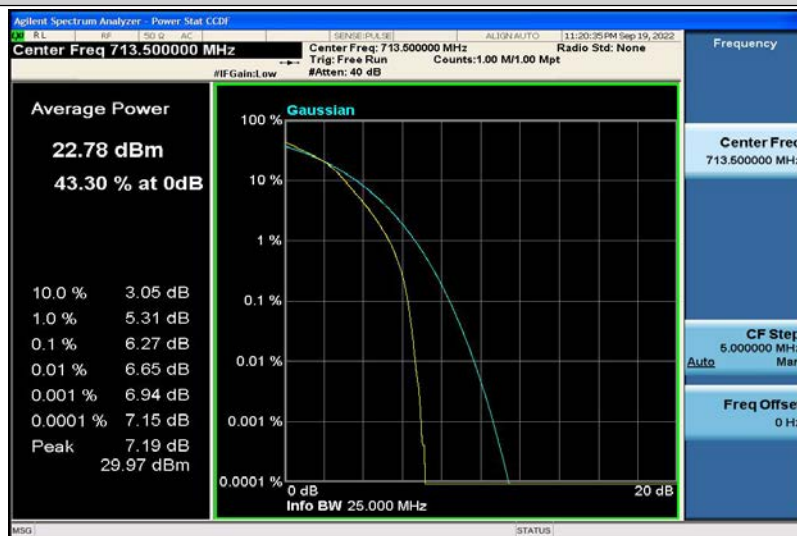
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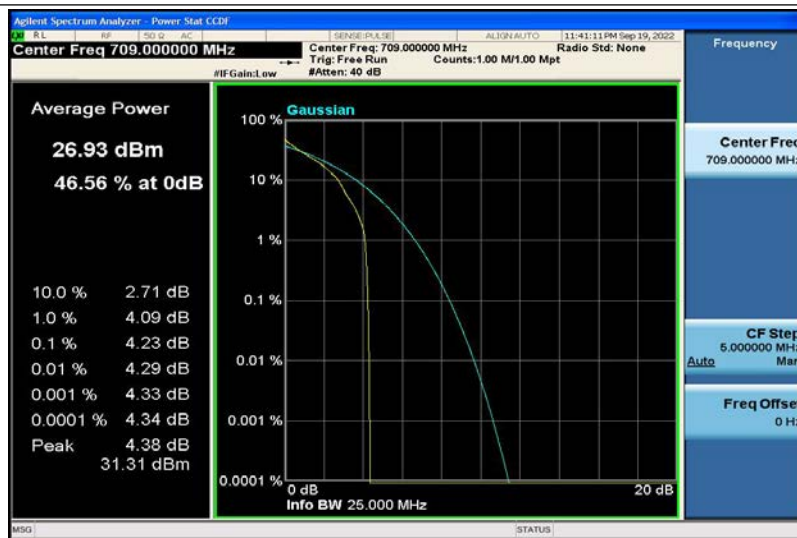
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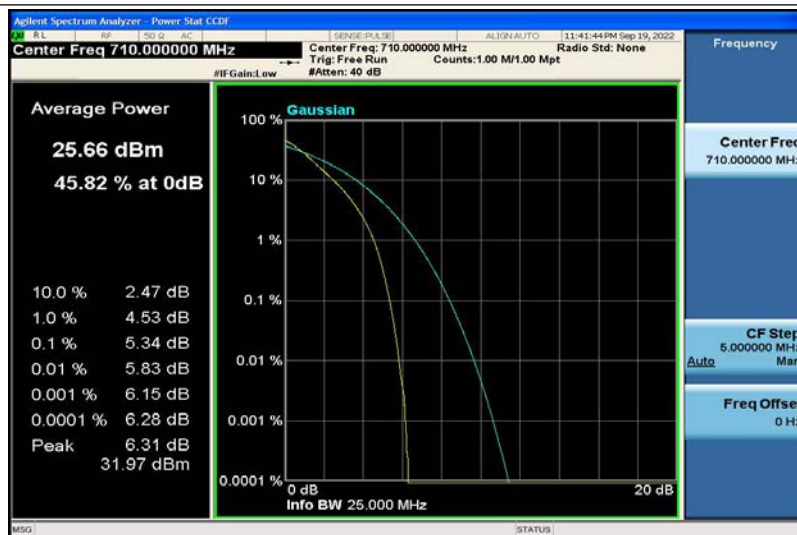
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Band17-10MHz-QPSK-23780-50RB#0



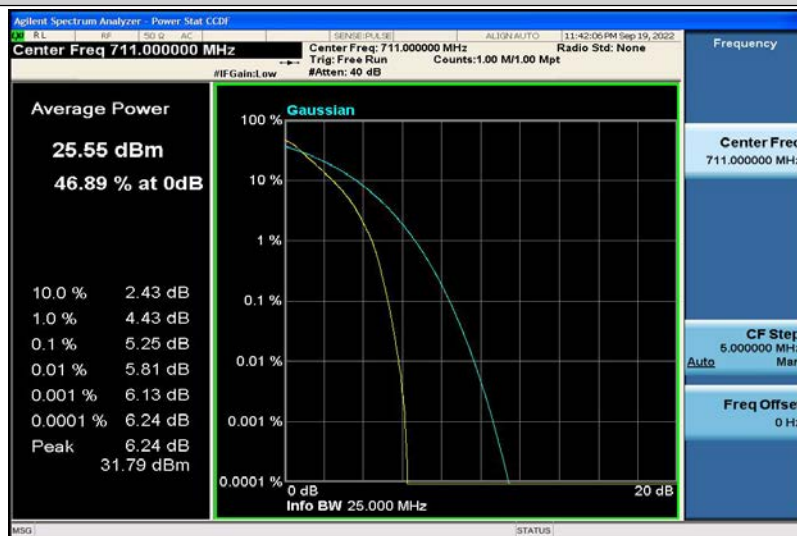
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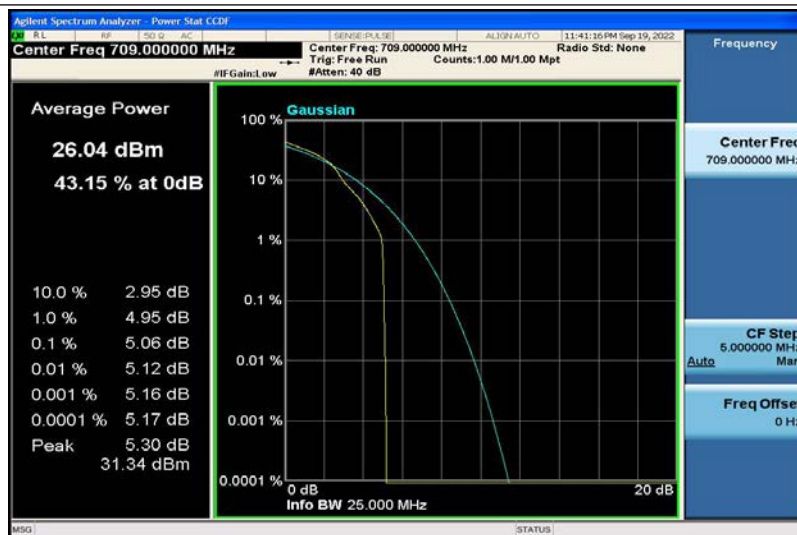
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Band17-10MHz-QPSK-23800-1RB#0



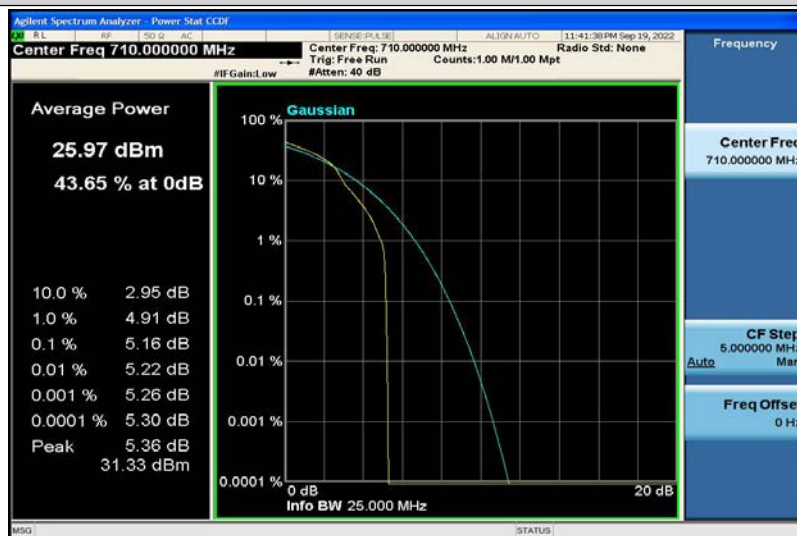
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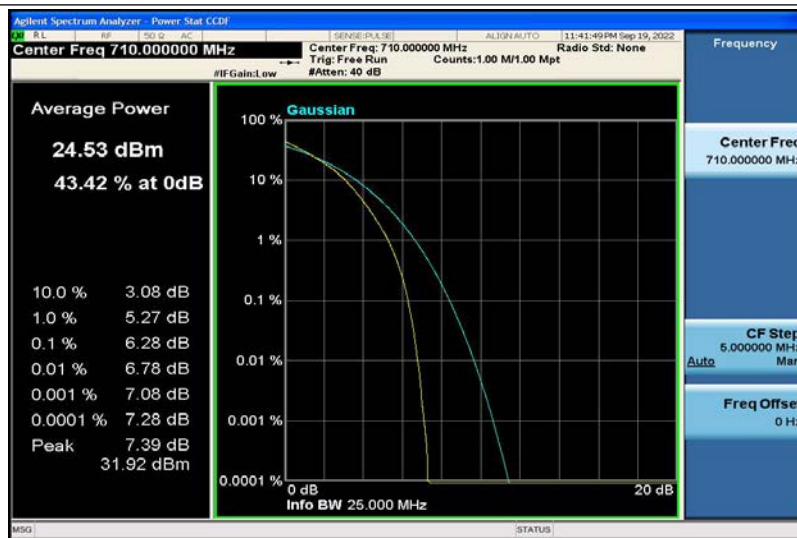
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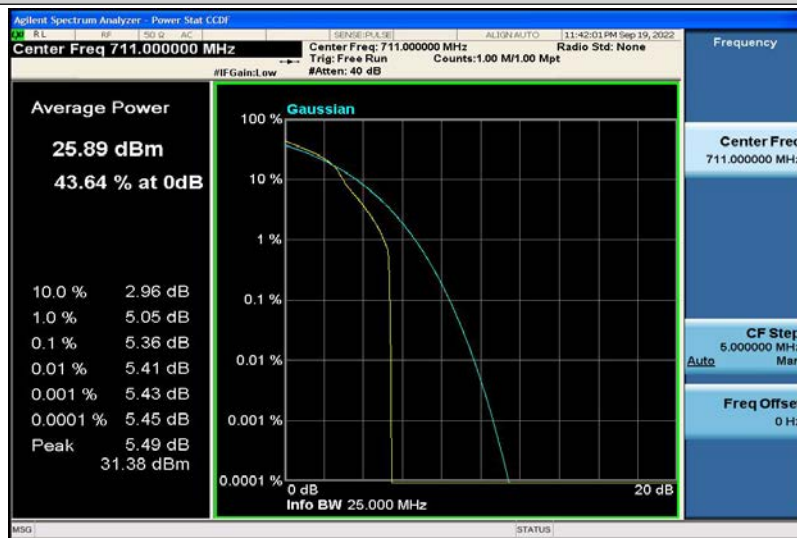
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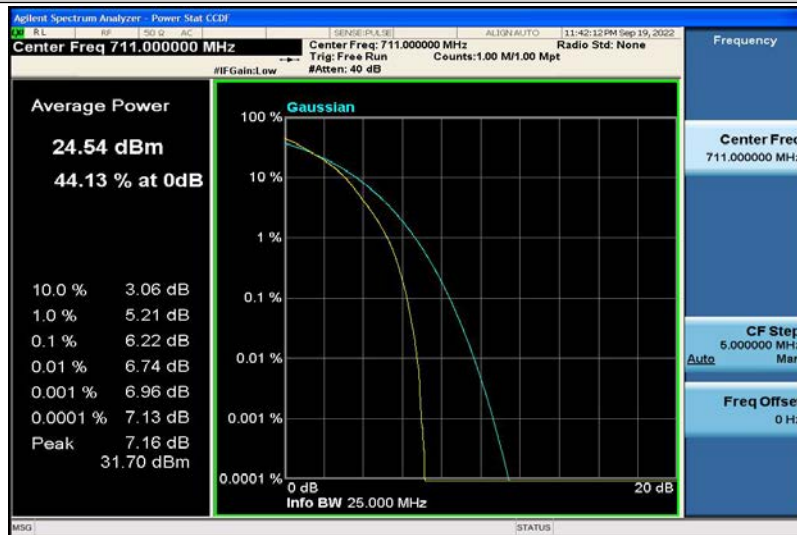
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Band17-10MHz-16QAM-23790-50RB#0



Band17-10MHz-16QAM-23800-1RB#0



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	1.0834	1.260	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	1.0798	1.253	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1.0840	1.241	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1.0841	1.259	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.0812	1.265	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1.0806	1.236	PASS
Band2	3MHz	QPSK	18615	15RB#0	2.6886	3.017	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.6882	2.982	PASS
Band2	3MHz	QPSK	19185	15RB#0	2.6892	3.016	PASS
Band2	3MHz	16QAM	18615	15RB#0	2.6875	3.011	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.6852	3.005	PASS
Band2	3MHz	16QAM	19185	15RB#0	2.6864	2.994	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.4668	4.916	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.4820	4.924	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.4763	4.911	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.4780	4.911	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.4869	4.923	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.4662	4.877	PASS
Band2	10MHz	QPSK	18650	50RB#0	8.9473	9.641	PASS
Band2	10MHz	QPSK	18900	50RB#0	8.9449	9.789	PASS
Band2	10MHz	QPSK	19150	50RB#0	8.9285	9.661	PASS
Band2	10MHz	16QAM	18650	50RB#0	8.9419	9.719	PASS
Band2	10MHz	16QAM	18900	50RB#0	8.9449	9.652	PASS
Band2	10MHz	16QAM	19150	50RB#0	8.9299	9.572	PASS
Band2	15MHz	QPSK	18675	75RB#0	13.435	14.52	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.393	14.42	PASS
Band2	15MHz	QPSK	19125	75RB#0	13.371	14.43	PASS
Band2	15MHz	16QAM	18675	75RB#0	13.407	14.50	PASS
Band2	15MHz	16QAM	18900	75RB#0	13.398	14.46	PASS
Band2	15MHz	16QAM	19125	75RB#0	13.386	14.44	PASS
Band2	20MHz	QPSK	18700	100RB#0	17.899	19.28	PASS
Band2	20MHz	QPSK	18900	100RB#0	17.828	19.04	PASS
Band2	20MHz	QPSK	19100	100RB#0	17.851	18.97	PASS
Band2	20MHz	16QAM	18700	100RB#0	17.900	19.31	PASS
Band2	20MHz	16QAM	18900	100RB#0	17.869	19.17	PASS
Band2	20MHz	16QAM	19100	100RB#0	17.848	19.17	PASS

Band4	1.4MHz	QPSK	19957	6RB#0	1.0836	1.247	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.0850	1.235	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.0832	1.234	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.0785	1.248	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.0810	1.243	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.0788	1.246	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.6852	2.942	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.6810	2.941	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.6852	2.913	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.6827	2.936	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.6799	2.927	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.6790	2.919	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.4693	4.912	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.4760	4.952	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.4844	4.912	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.4752	4.963	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.4804	4.924	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.4723	4.891	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.9316	9.745	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.9298	9.649	PASS
Band4	10MHz	QPSK	20350	50RB#0	8.9523	9.812	PASS
Band4	10MHz	16QAM	20000	50RB#0	8.9426	9.667	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.9448	9.784	PASS
Band4	10MHz	16QAM	20350	50RB#0	8.9324	9.622	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.419	14.54	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.399	14.47	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.423	14.54	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.426	14.44	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.396	14.53	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.405	14.53	PASS
Band4	20MHz	QPSK	20050	100RB#0	17.877	19.37	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.856	19.14	PASS
Band4	20MHz	QPSK	20300	100RB#0	17.879	19.15	PASS
Band4	20MHz	16QAM	20050	100RB#0	17.871	19.19	PASS
Band4	20MHz	16QAM	20175	100RB#0	17.890	19.26	PASS
Band4	20MHz	16QAM	20300	100RB#0	17.895	19.28	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	1.0774	1.241	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.0840	1.237	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.0778	1.247	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.0826	1.257	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.0820	1.238	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.0834	1.266	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.6831	2.921	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.6862	2.935	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.6895	2.919	PASS

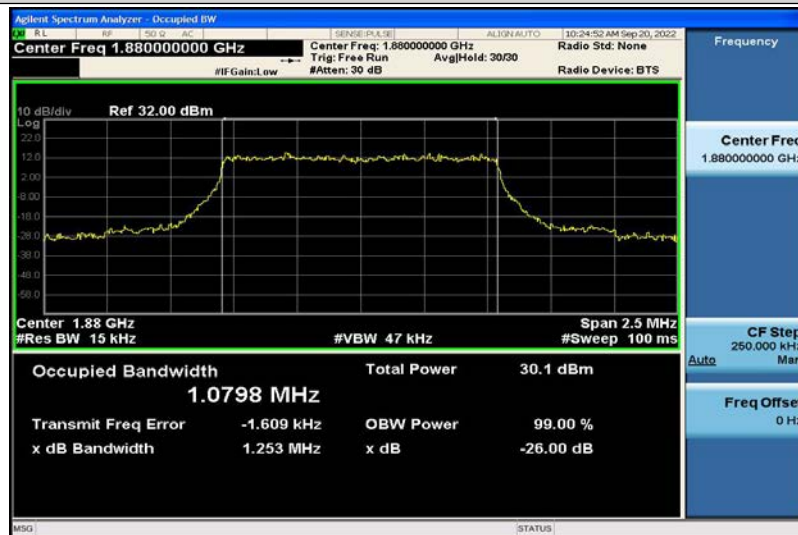
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Band5	3MHz	16QAM	20635	15RB#0	2.6837	2.921	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.4845	4.931	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.4697	4.929	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.4798	4.918	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.4741	4.876	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.4789	4.919	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.4711	4.869	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.9738	9.780	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.9335	9.683	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.9327	9.643	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.9610	9.709	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.9464	9.665	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.9364	9.617	PASS
Band7	5MHz	QPSK	20775	25RB#0	4.4847	4.937	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.4711	4.904	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.4797	4.907	PASS
Band7	5MHz	16QAM	20775	25RB#0	4.4736	4.873	PASS
Band7	5MHz	16QAM	21100	25RB#0	4.4788	4.967	PASS
Band7	5MHz	16QAM	21425	25RB#0	4.4864	4.938	PASS
Band7	10MHz	QPSK	20800	50RB#0	8.9430	9.665	PASS
Band7	10MHz	QPSK	21100	50RB#0	8.9473	9.661	PASS
Band7	10MHz	QPSK	21400	50RB#0	8.9392	9.743	PASS
Band7	10MHz	16QAM	20800	50RB#0	8.9427	9.680	PASS
Band7	10MHz	16QAM	21100	50RB#0	8.9446	9.619	PASS
Band7	10MHz	16QAM	21400	50RB#0	8.9399	9.655	PASS
Band7	15MHz	QPSK	20825	75RB#0	13.415	14.60	PASS
Band7	15MHz	QPSK	21100	75RB#0	13.409	14.41	PASS
Band7	15MHz	QPSK	21375	75RB#0	13.414	14.50	PASS
Band7	15MHz	16QAM	20825	75RB#0	13.419	14.34	PASS
Band7	15MHz	16QAM	21100	75RB#0	13.418	14.48	PASS
Band7	15MHz	16QAM	21375	75RB#0	13.399	14.45	PASS
Band7	20MHz	QPSK	20850	100RB#0	17.877	19.32	PASS
Band7	20MHz	QPSK	21100	100RB#0	17.875	19.17	PASS
Band7	20MHz	QPSK	21350	100RB#0	17.830	19.04	PASS
Band7	20MHz	16QAM	20850	100RB#0	17.896	19.19	PASS
Band7	20MHz	16QAM	21100	100RB#0	17.875	19.30	PASS
Band7	20MHz	16QAM	21350	100RB#0	17.842	19.22	PASS
Band17	5MHz	QPSK	23755	25RB#0	4.4781	4.927	PASS
Band17	5MHz	QPSK	23790	25RB#0	4.4786	4.911	PASS
Band17	5MHz	QPSK	23825	25RB#0	4.4800	4.929	PASS
Band17	5MHz	16QAM	23755	25RB#0	4.4875	4.964	PASS
Band17	5MHz	16QAM	23790	25RB#0	4.4777	4.940	PASS
Band17	5MHz	16QAM	23825	25RB#0	4.4742	4.863	PASS

Band17	10MHz	QPSK	23780	50RB#0	8.9643	9.794	PASS
Band17	10MHz	QPSK	23790	50RB#0	8.9414	9.674	PASS
Band17	10MHz	QPSK	23800	50RB#0	8.9266	9.651	PASS
Band17	10MHz	16QAM	23780	50RB#0	8.9661	9.680	PASS
Band17	10MHz	16QAM	23790	50RB#0	8.9403	9.704	PASS
Band17	10MHz	16QAM	23800	50RB#0	8.9177	9.603	PASS

Test Graphs



Band2-1.4MHz-QPSK-18607-6RB#0-1.0834



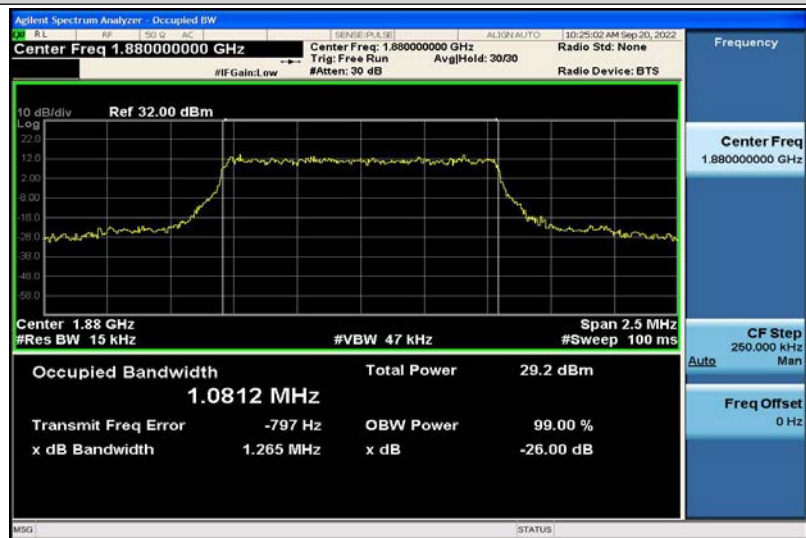
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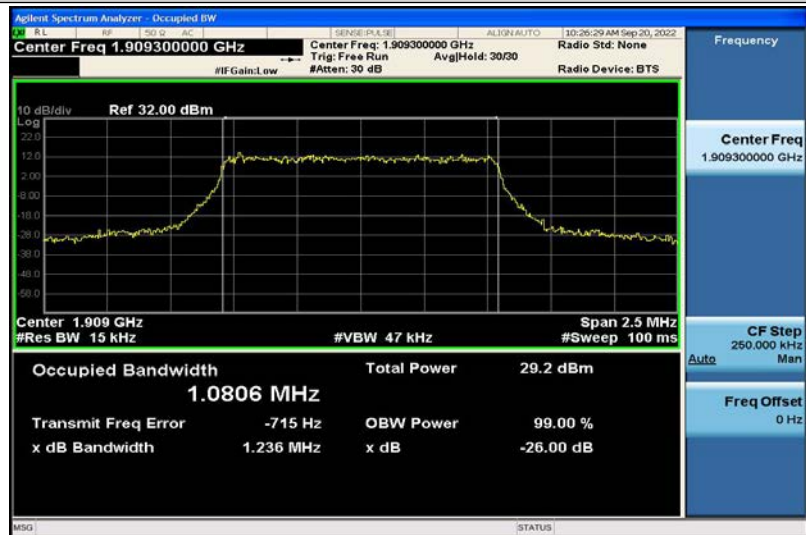
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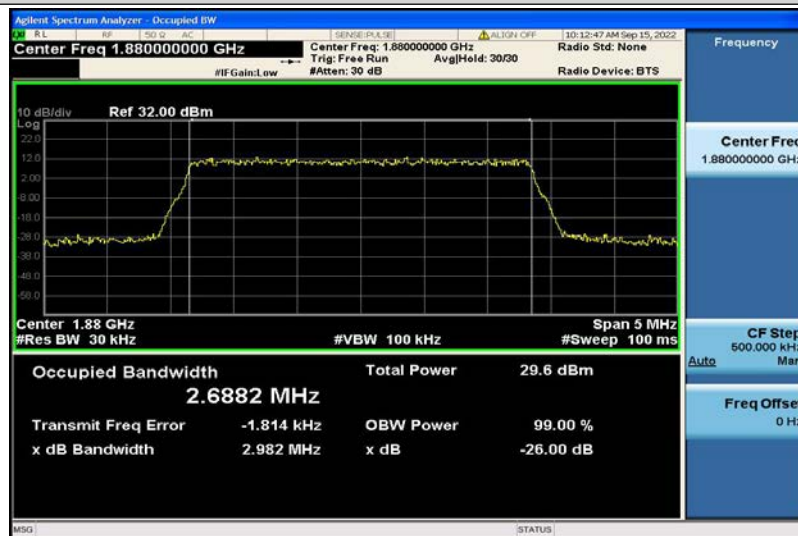
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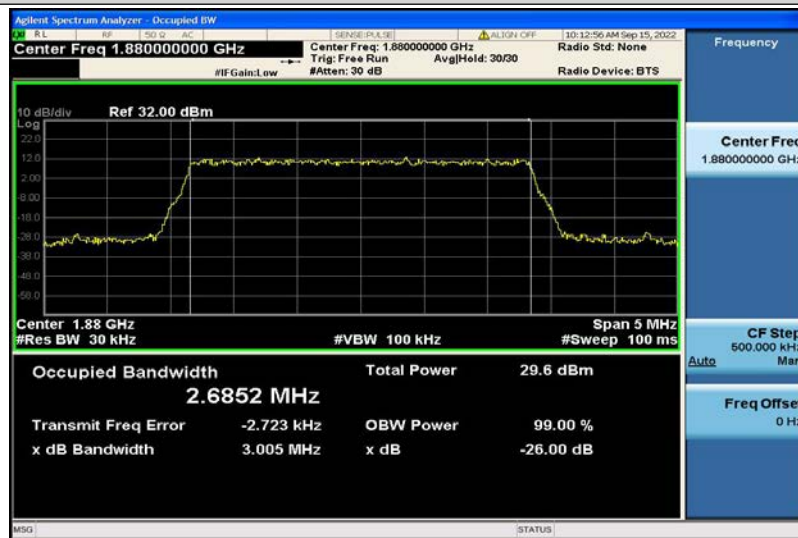
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Band2-3MHz-QPSK-19185-15RB#0-2.6892



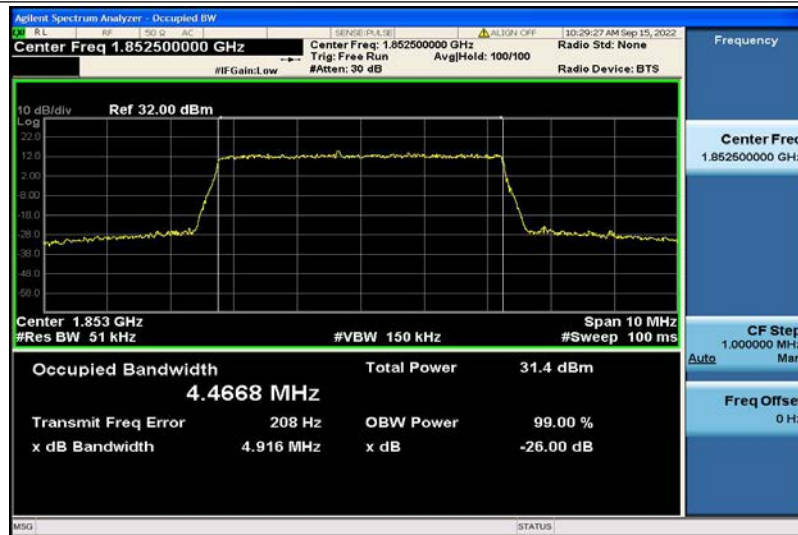
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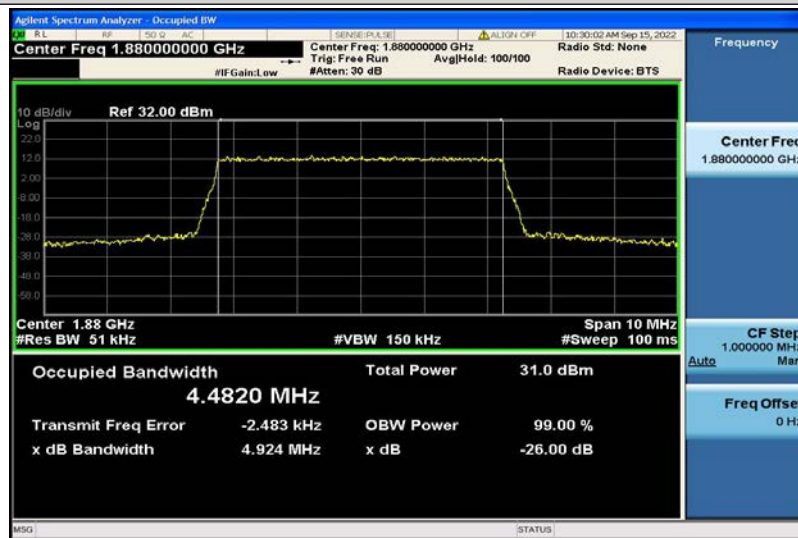
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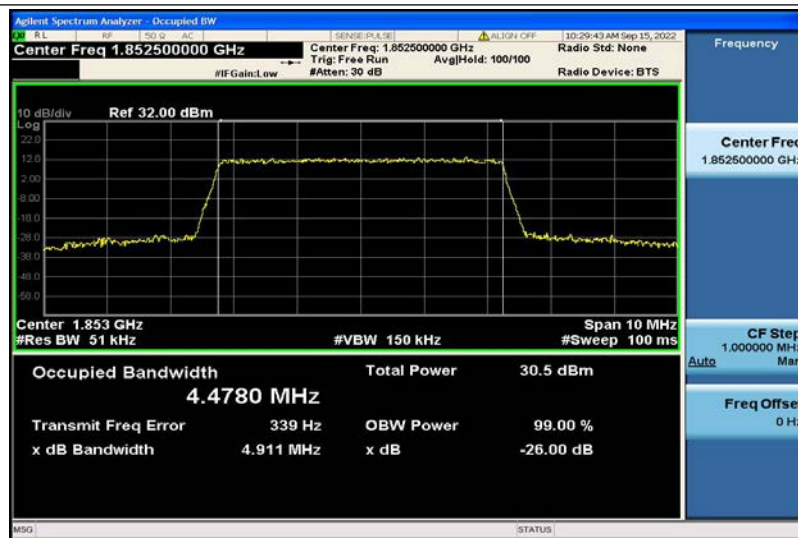
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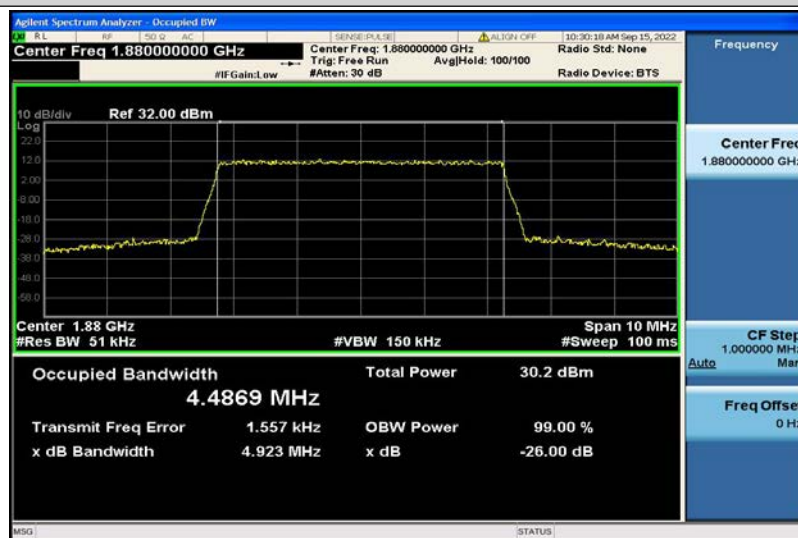
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Band2-5MHz-QPSK-19175-25RB#0-4.4763



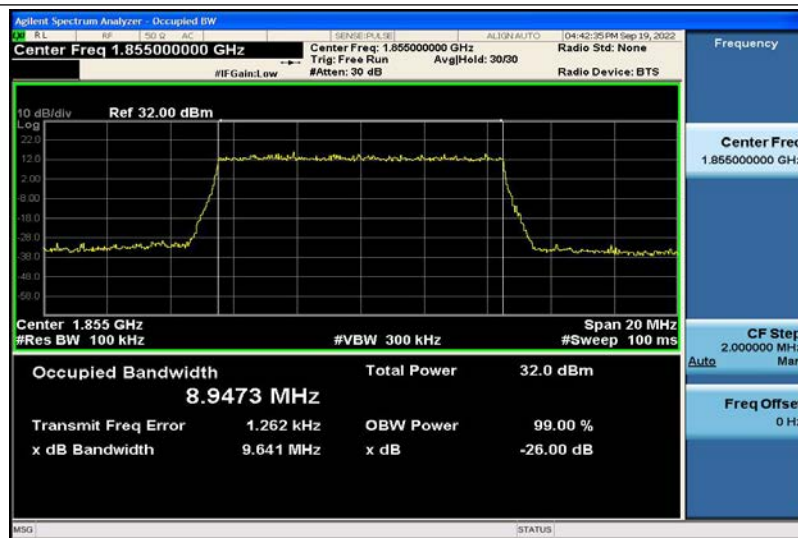
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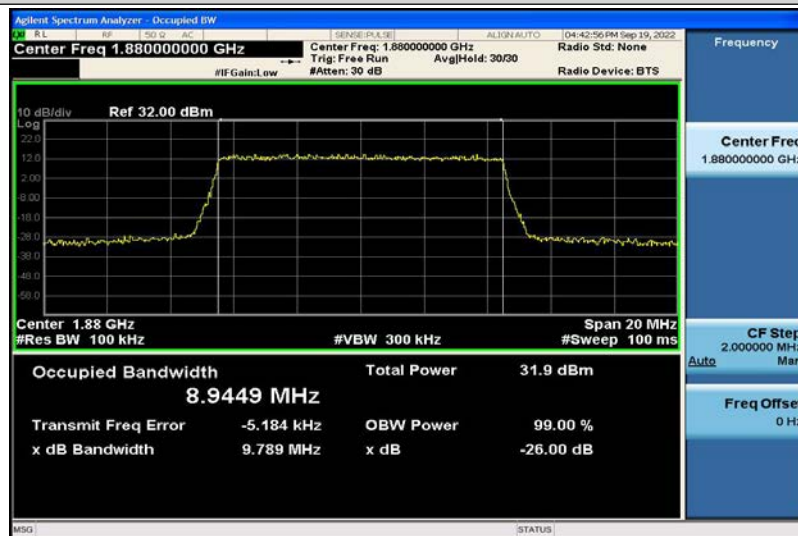
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Band2-5MHz-16QAM-19175-25RB#0-4.4662



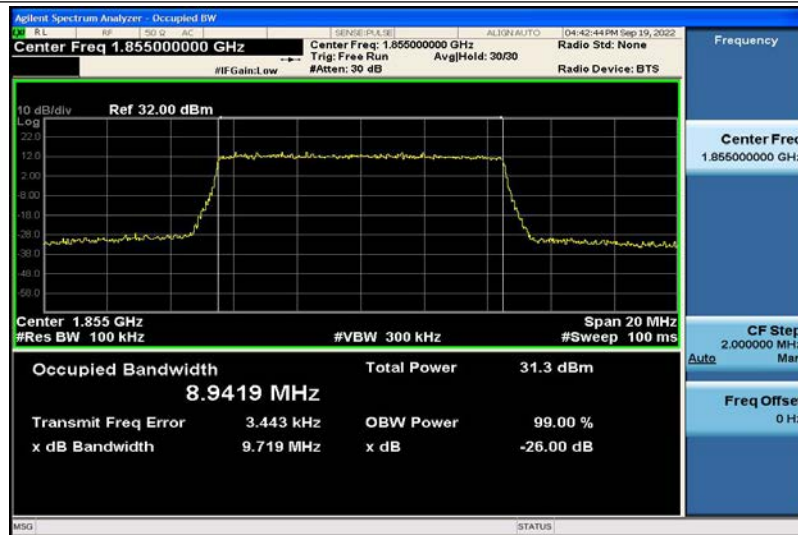
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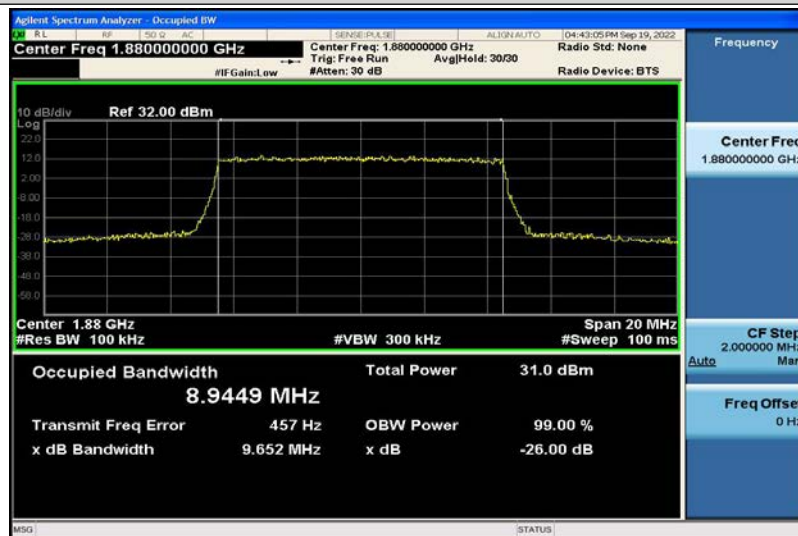
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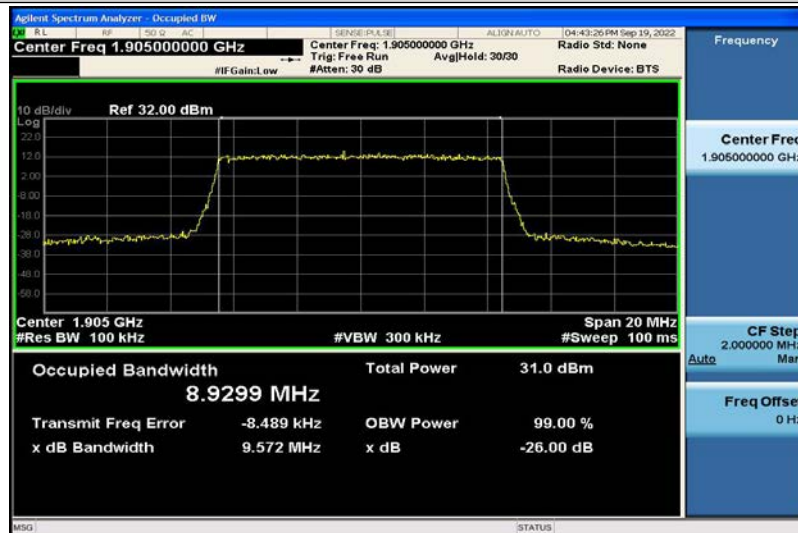
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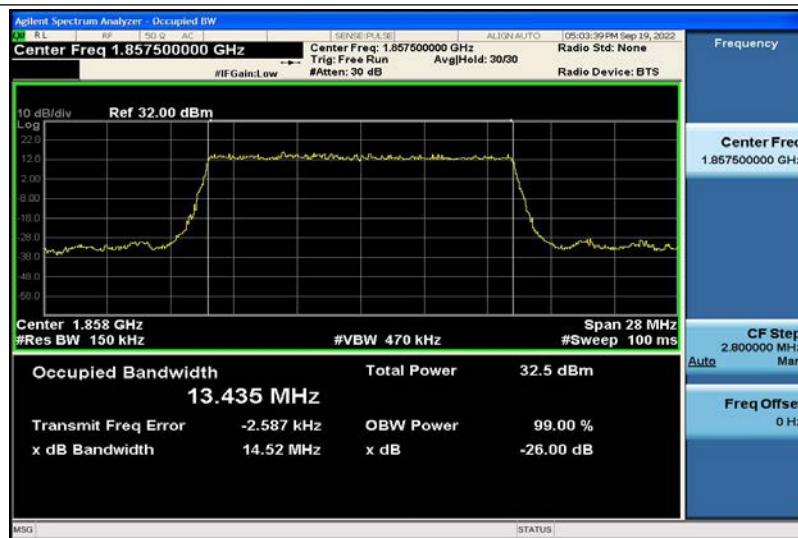
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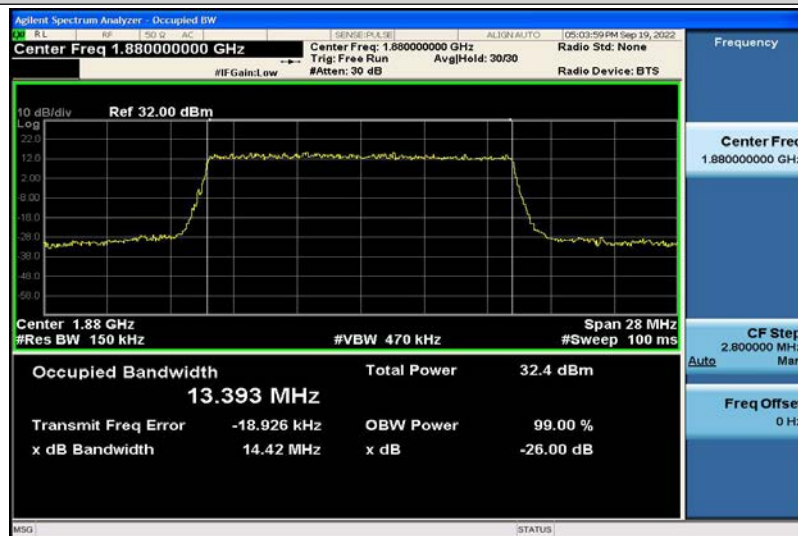
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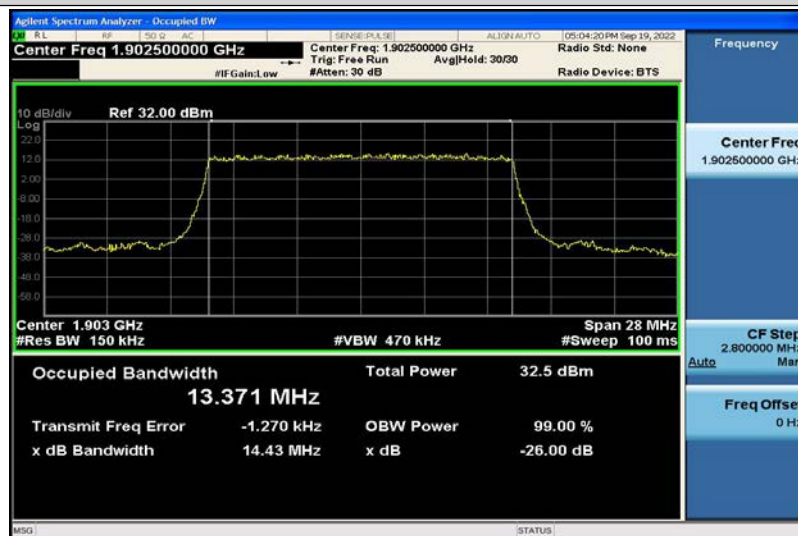
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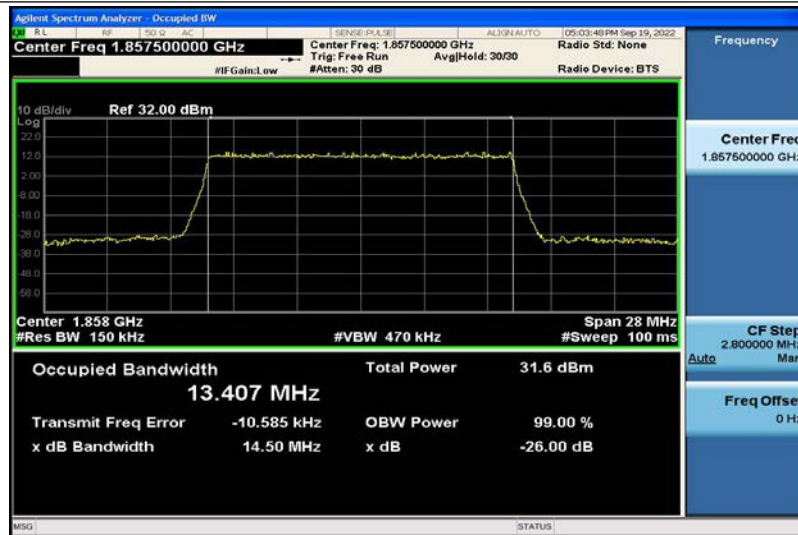
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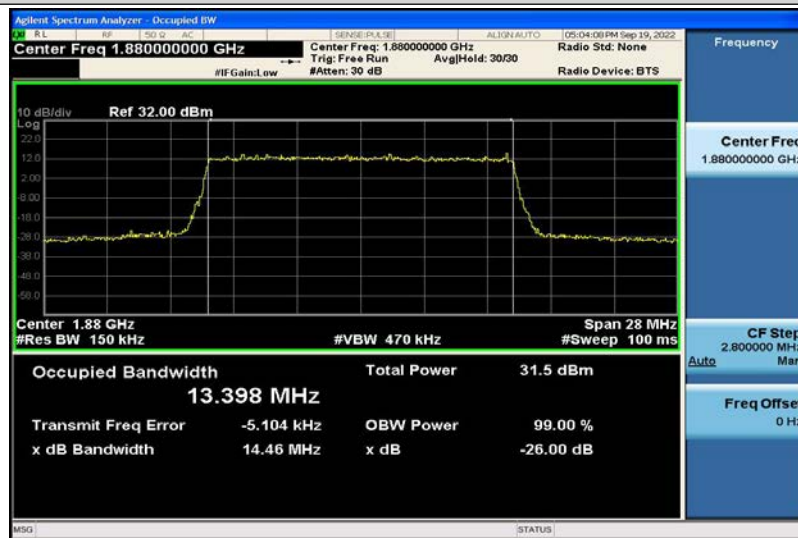
Band2-15MHz-QPSK-18900-75RB#0-13.393



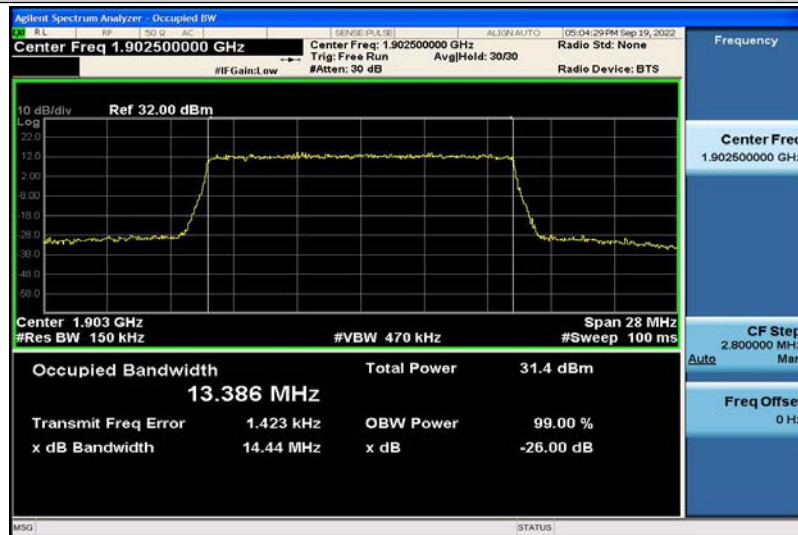
Band2-15MHz-QPSK-19125-75RB#0-13.371



Band2-15MHz-16QAM-18675-75RB#0-13.407



Band2-15MHz-16QAM-18900-75RB#0-13.398



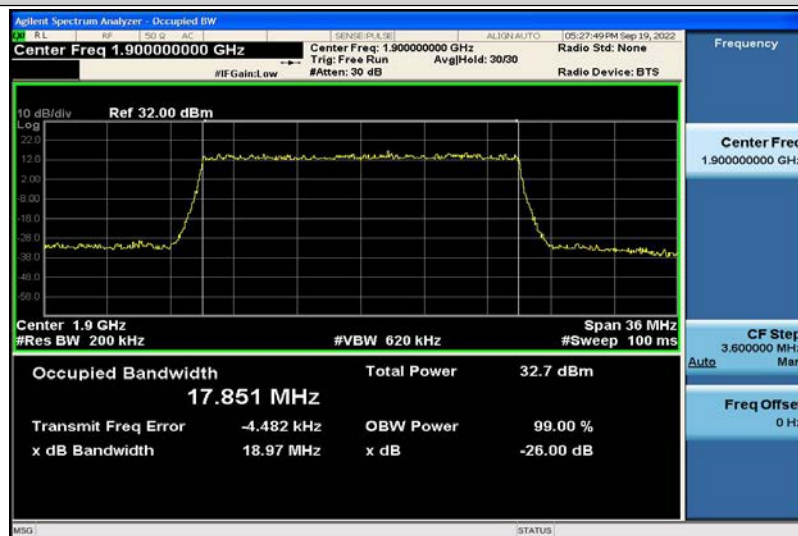
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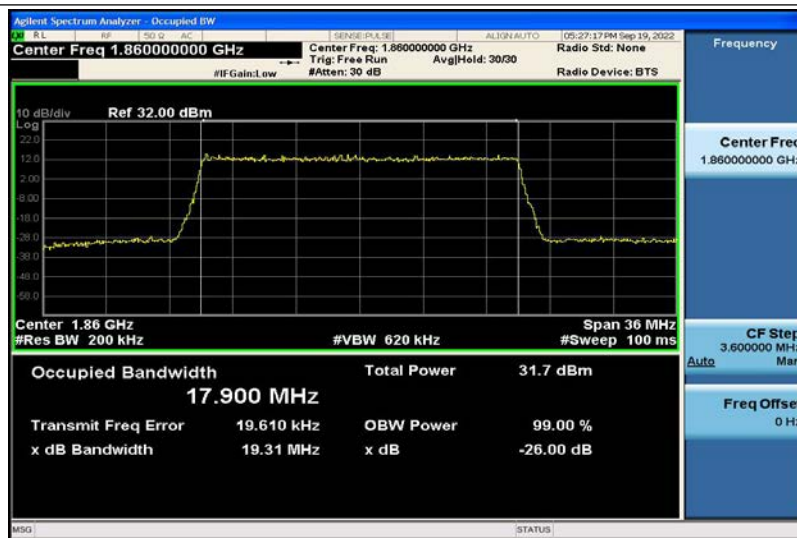
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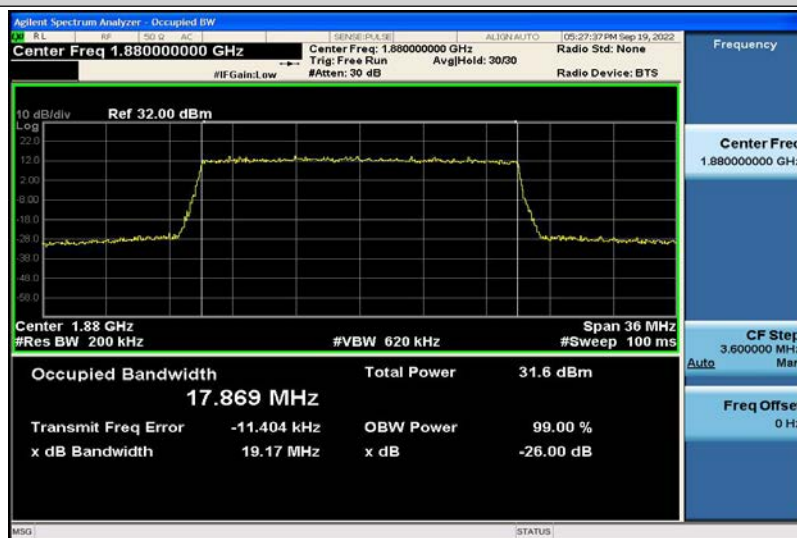
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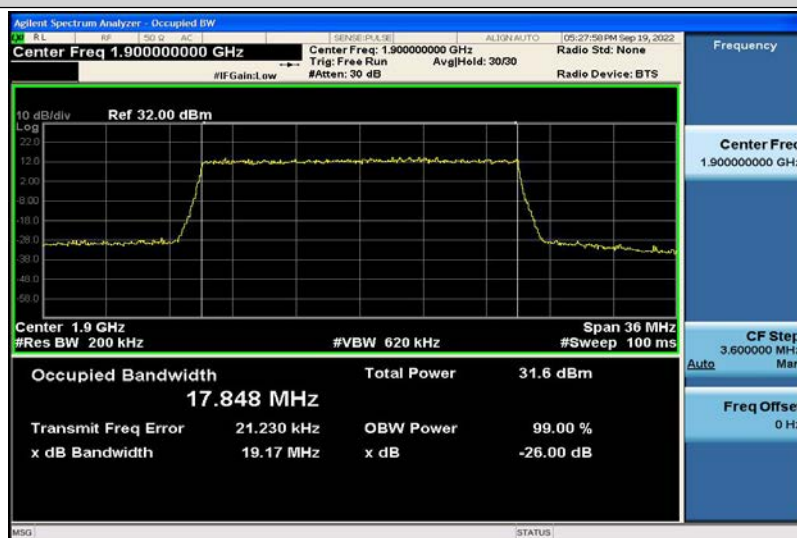
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Band2-20MHz-16QAM-18700-100RB#0-17.900



Band2-20MHz-16QAM-18900-100RB#0-17.869



Band2-20MHz-16QAM-19100-100RB#0-17.848



Band4-1.4MHz-QPSK-19957-6RB#0-1.0836



Band4-1.4MHz-QPSK-20175-6RB#0-1.0850



Band4-1.4MHz-QPSK-20393-6RB#0-1.0832



Band4-1.4MHz-16QAM-19957-6RB#0-1.0785



Band4-1.4MHz-16QAM-20175-6RB#0-1.0810



Band4-1.4MHz-16QAM-20393-6RB#0-1.0788



Band4-3MHz-QPSK-19965-15RB#0-2.6852



Band4-3MHz-QPSK-20175-15RB#0-2.6810



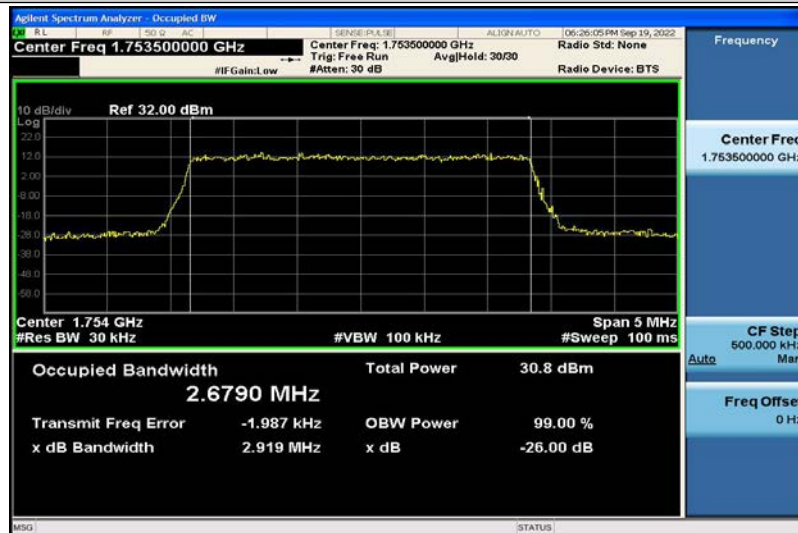
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Band4-3MHz-16QAM-19965-15RB#0-2.6827



Band4-3MHz-16QAM-20175-15RB#0-2.6799



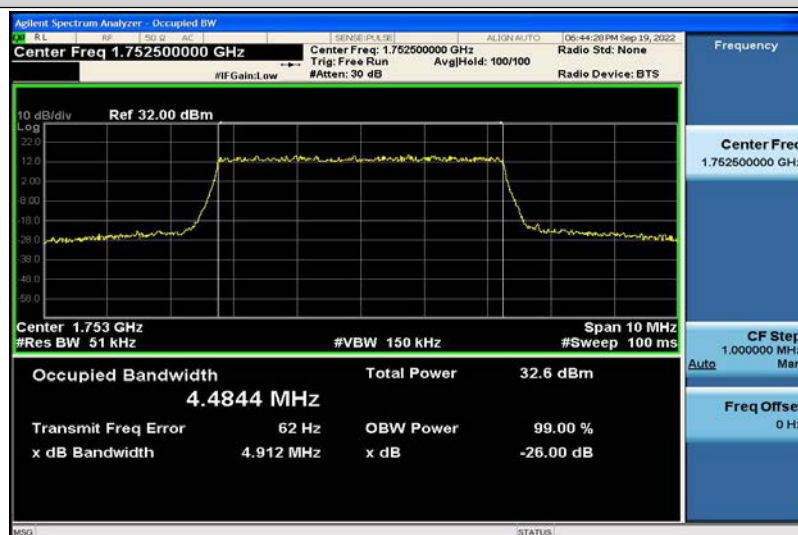
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Band4-5MHz-QPSK-19975-25RB#0-4.4693



Band4-5MHz-QPSK-17325-25RB#0-4.4760



Band4-5MHz-QPSK-20375-25RB#0-4.4844



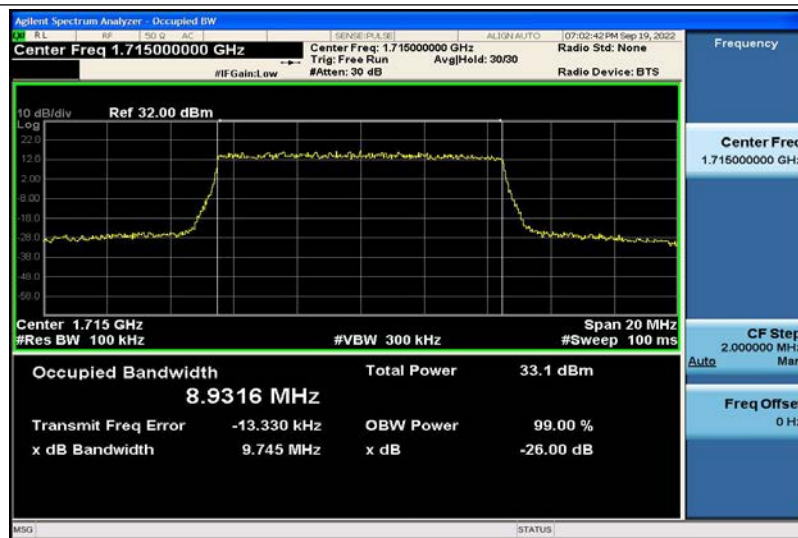
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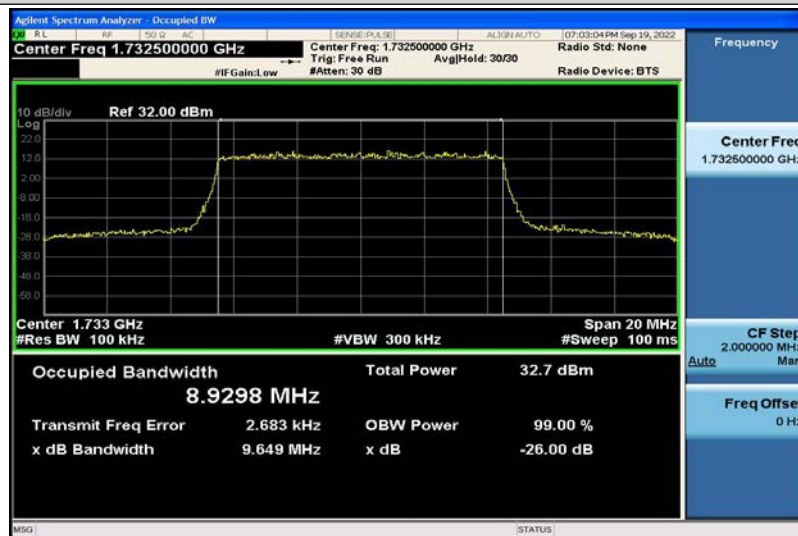
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Band4-10MHz-QPSK-20000-50RB#0-8.9316



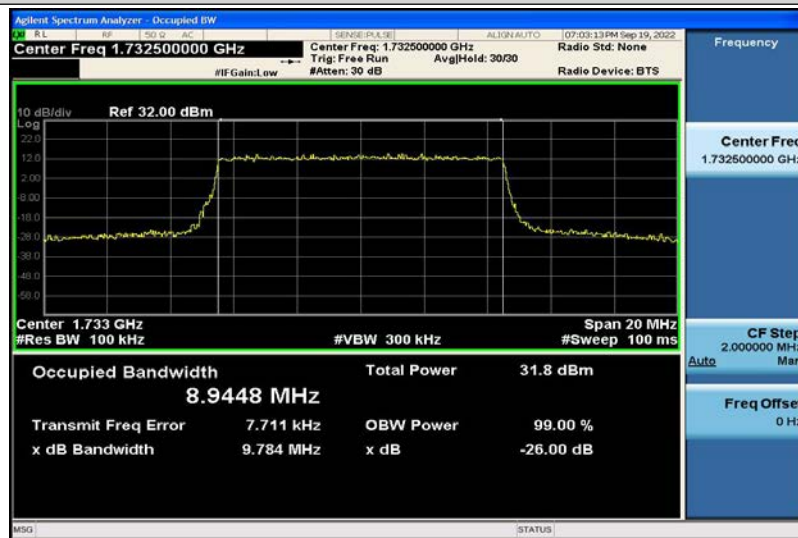
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Band4-10MHz-QPSK-20350-50RB#0-8.9523



Band4-10MHz-16QAM-20000-50RB#0-8.9426



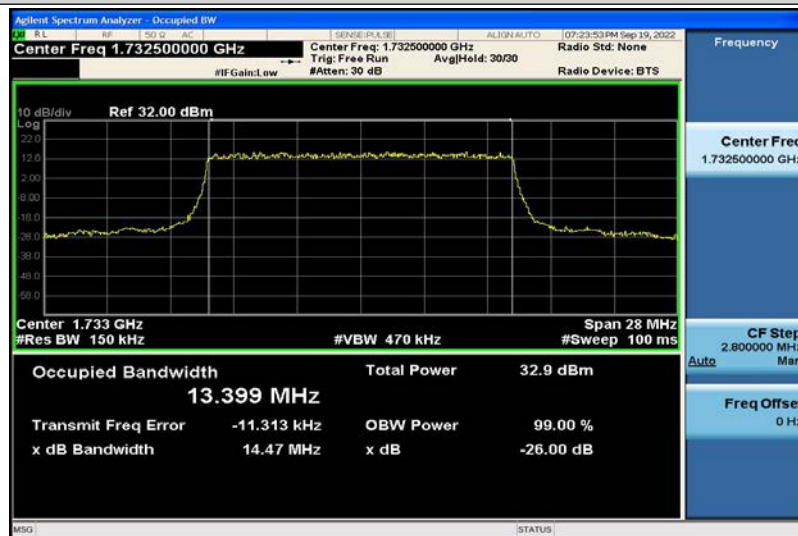
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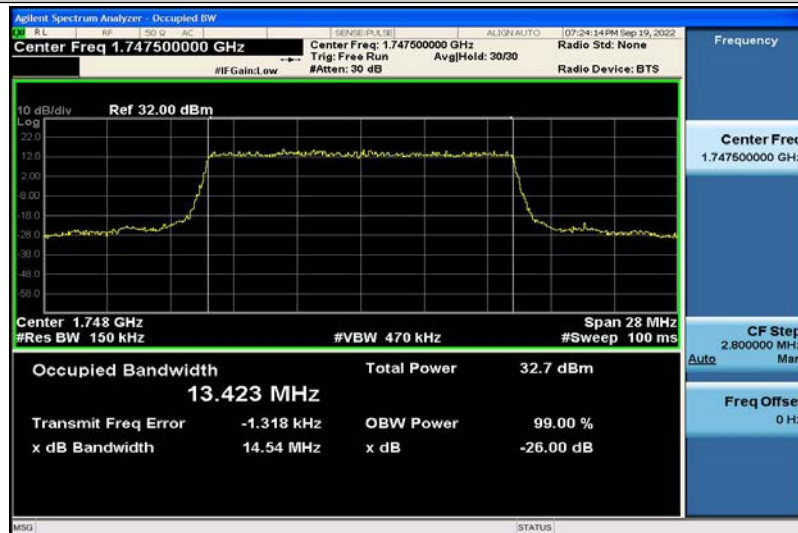
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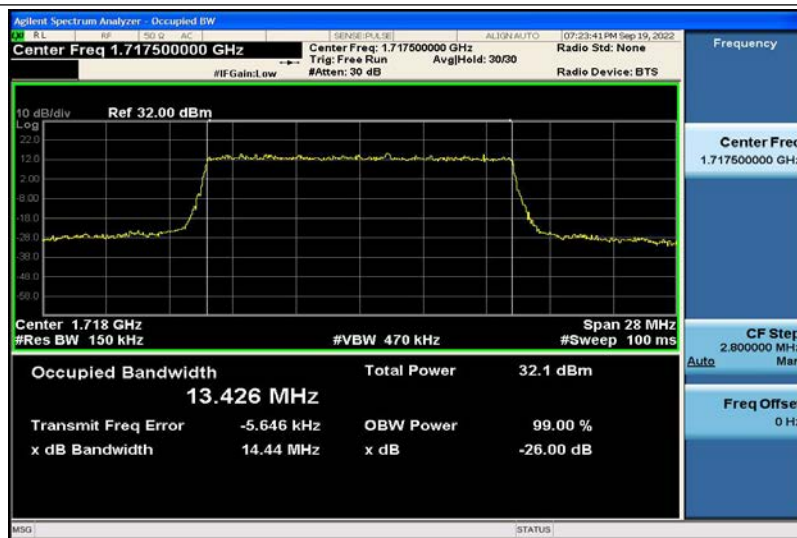
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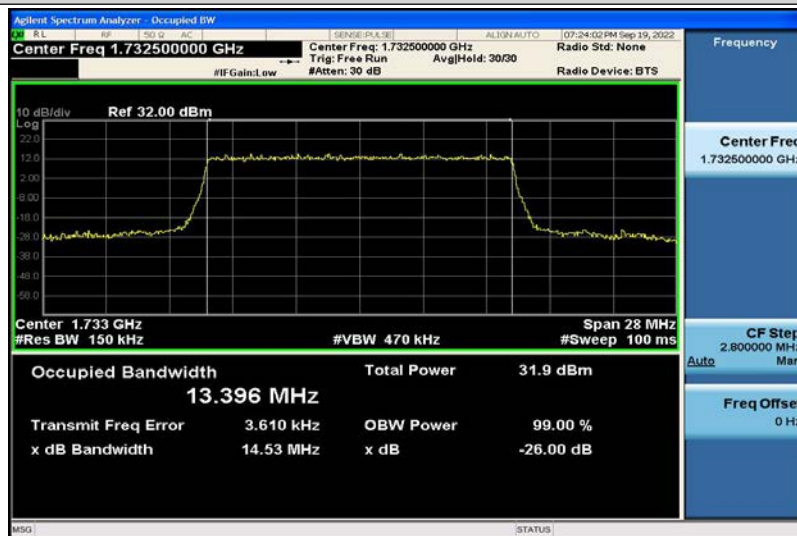
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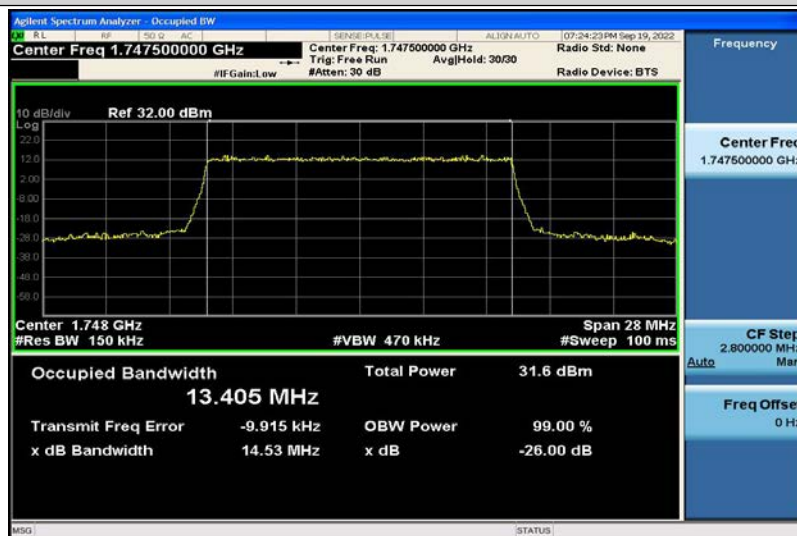
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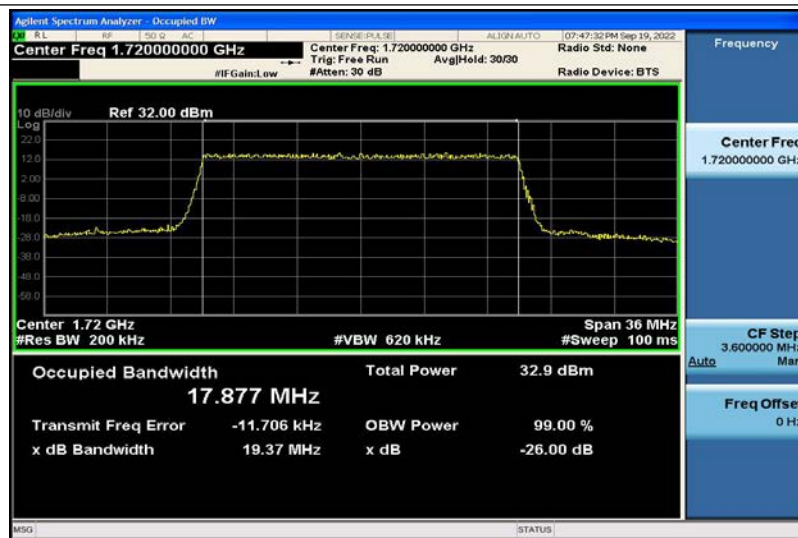
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Band4-15MHz-16QAM-20175-75RB#0-13.396



Band4-15MHz-16QAM-20325-75RB#0-13.405



Band4-20MHz-QPSK-20050-100RB#0-17.877



Band4-20MHz-QPSK-20175-100RB#0-17.856



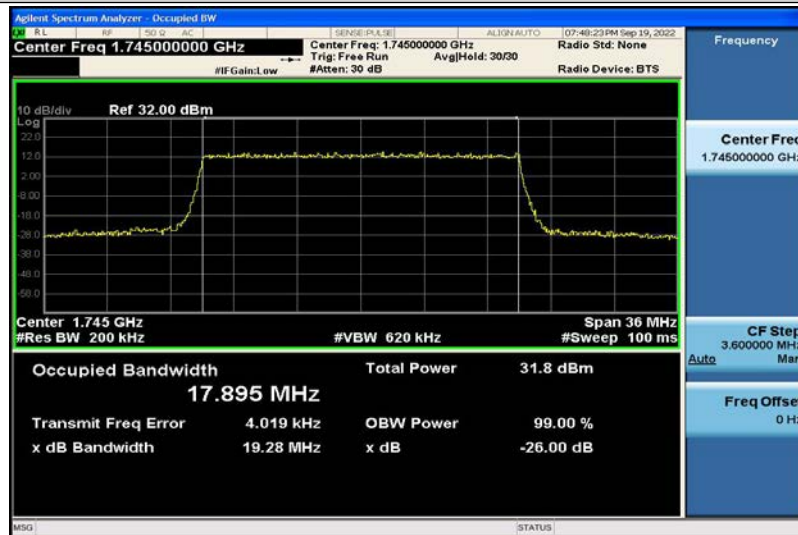
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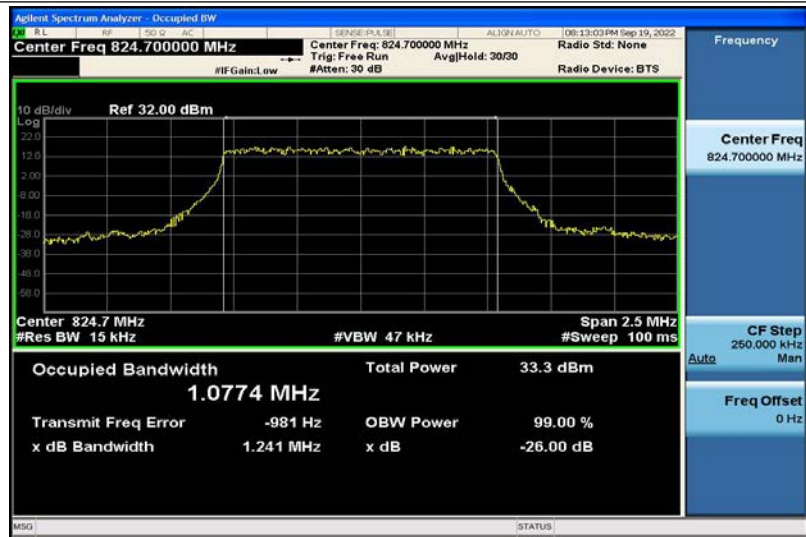
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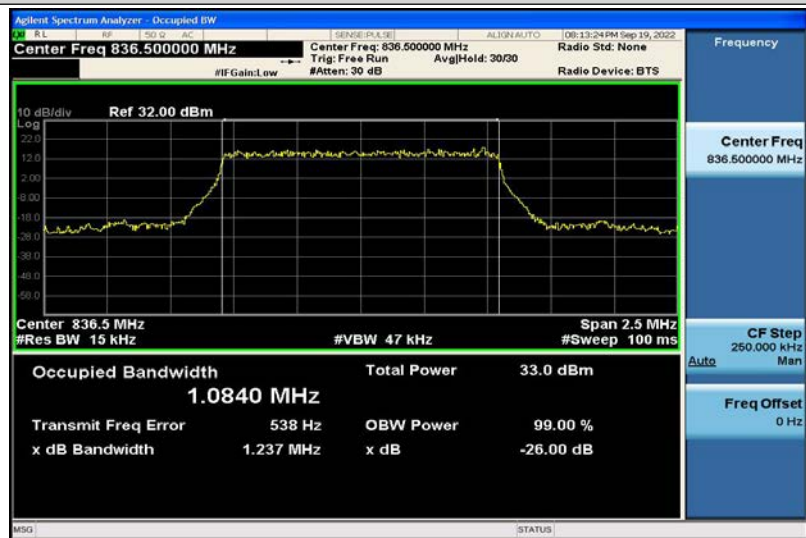
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Band4-20MHz-16QAM-20300-100RB#0-17.895



Band5-1.4MHz-QPSK-20407-6RB#0-1.0774



Band5-1.4MHz-QPSK-20525-6RB#0-1.0840



Band5-1.4MHz-QPSK-20643-6RB#0-1.0778



Band5-1.4MHz-16QAM-20407-6RB#0-1.0826



Band5-1.4MHz-16QAM-20525-6RB#0-1.0820



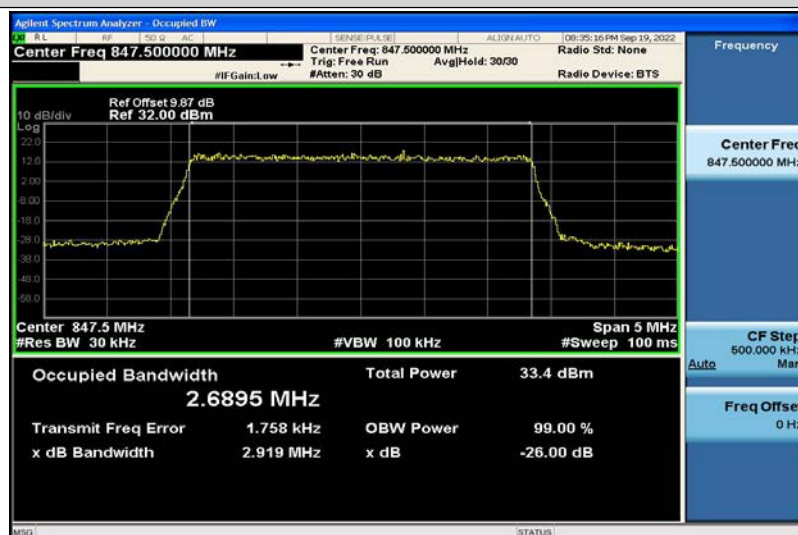
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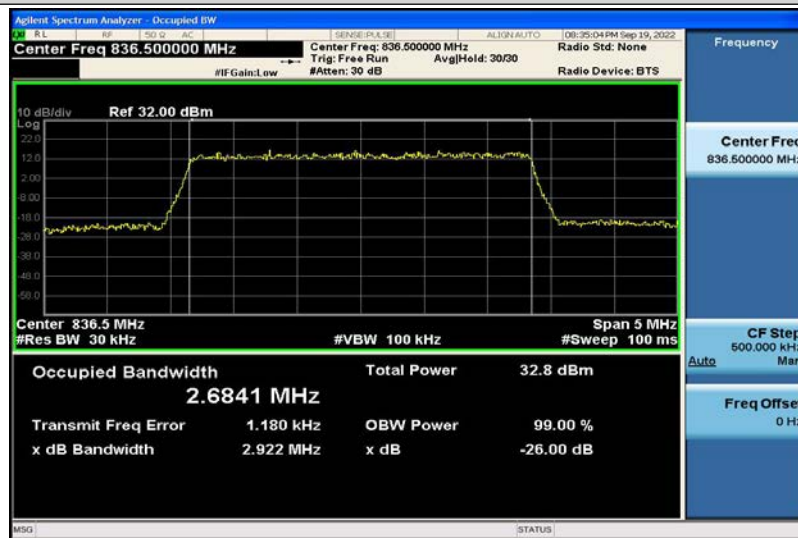
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Band5-3MHz-16QAM-20415-15RB#0-2.6811



Band5-3MHz-16QAM-20525-15RB#0-2.6841



Band5-3MHz-16QAM-20635-15RB#0-2.6837



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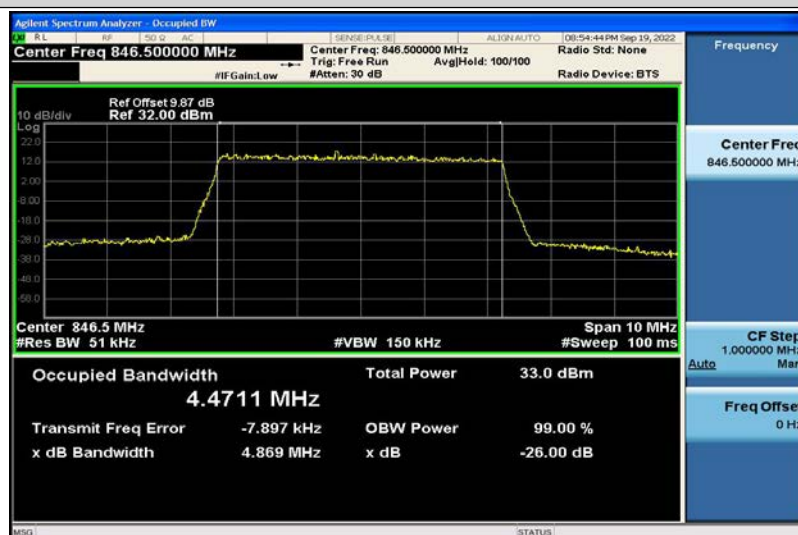
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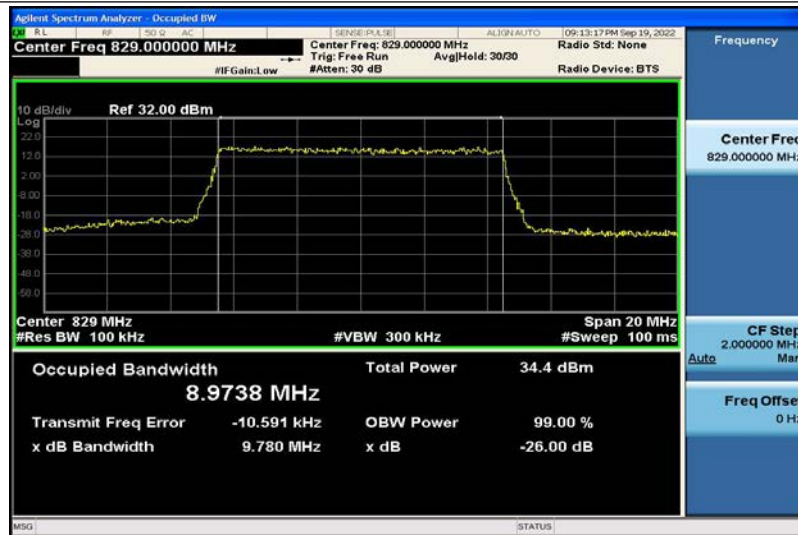
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Band5-5MHz-16QAM-20525-25RB#0-4.4789



Band5-5MHz-16QAM-20625-25RB#0-4.4711



Band5-10MHz-QPSK-20450-50RB#0-8.9738



Band5-10MHz-QPSK-20525-50RB#0-8.9335



Band5-10MHz-QPSK-20600-50RB#0-8.9327