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Test Report No.: W7L-P22070038RF05

Band2	5MHz	QPSK	19175	1RB#0	4.34	13	PASS
Band2	5MHz	QPSK	19175	25RB#0	5.21	13	PASS
Band2	5MHz	16QAM	18625	1RB#0	5.30	13	PASS
Band2	5MHz	16QAM	18625	25RB#0	5.64	13	PASS
Band2	5MHz	16QAM	18900	1RB#0	5.88	13	PASS
Band2	5MHz	16QAM	18900	25RB#0	6.05	13	PASS
Band2	5MHz	16QAM	19175	1RB#0	5.26	13	PASS
Band2	5MHz	16QAM	19175	25RB#0	6.04	13	PASS
Band2	5MHz	64QAM	18625	1RB#0	5.65	13	PASS
Band2	5MHz	64QAM	18625	25RB#0	6.21	13	PASS
Band2	5MHz	64QAM	18900	1RB#0	6.15	13	PASS
Band2	5MHz	64QAM	18900	25RB#0	6.39	13	PASS
Band2	5MHz	64QAM	19175	1RB#0	6.37	13	PASS
Band2	5MHz	64QAM	19175	25RB#0	6.46	13	PASS
Band2	10MHz	QPSK	18650	1RB#0	3.98	13	PASS
Band2	10MHz	QPSK	18650	50RB#0	5.10	13	PASS
Band2	10MHz	QPSK	18900	1RB#0	4.77	13	PASS
Band2	10MHz	QPSK	18900	50RB#0	5.40	13	PASS
Band2	10MHz	QPSK	19150	1RB#0	4.11	13	PASS
Band2	10MHz	QPSK	19150	50RB#0	5.16	13	PASS
Band2	10MHz	16QAM	18650	1RB#0	5.06	13	PASS
Band2	10MHz	16QAM	18650	50RB#0	5.91	13	PASS
Band2	10MHz	16QAM	18900	1RB#0	5.65	13	PASS
Band2	10MHz	16QAM	18900	50RB#0	6.14	13	PASS
Band2	10MHz	16QAM	19150	1RB#0	4.94	13	PASS
Band2	10MHz	16QAM	19150	50RB#0	5.94	13	PASS
Band2	10MHz	64QAM	18650	1RB#0	5.17	13	PASS
Band2	10MHz	64QAM	18650	50RB#0	6.36	13	PASS
Band2	10MHz	64QAM	18900	1RB#0	5.68	13	PASS
Band2	10MHz	64QAM	18900	50RB#0	6.43	13	PASS
Band2	10MHz	64QAM	19150	1RB#0	5.34	13	PASS
Band2	10MHz	64QAM	19150	50RB#0	6.39	13	PASS
Band2	15MHz	QPSK	18675	1RB#0	3.93	13	PASS
Band2	15MHz	QPSK	18675	75RB#0	5.52	13	PASS
Band2	15MHz	QPSK	18900	1RB#0	4.80	13	PASS
Band2	15MHz	QPSK	18900	75RB#0	5.67	13	PASS
Band2	15MHz	QPSK	19125	1RB#0	4.60	13	PASS
Band2	15MHz	QPSK	19125	75RB#0	5.42	13	PASS
Band2	15MHz	16QAM	18675	1RB#0	5.04	13	PASS
Band2	15MHz	16QAM	18675	75RB#0	6.16	13	PASS
Band2	15MHz	16QAM	18900	1RB#0	5.89	13	PASS
Band2	15MHz	16QAM	18900	75RB#0	6.21	13	PASS
Band2	15MHz	16QAM	19125	1RB#0	5.27	13	PASS
Band2	15MHz	16QAM	19125	75RB#0	5.99	13	PASS
Band2	15MHz	64QAM	18675	1RB#0	5.17	13	PASS
Band2	15MHz	64QAM	18675	75RB#0	6.44	13	PASS
Band2	15MHz	64QAM	18900	1RB#0	5.82	13	PASS
Band2	15MHz	64QAM	18900	75RB#0	6.47	13	PASS
Band2	15MHz	64QAM	19125	1RB#0	6.14	13	PASS
Band2	15MHz	64QAM	19125	75RB#0	6.42	13	PASS
Band2	20MHz	QPSK	18700	1RB#0	4.05	13	PASS
Band2	20MHz	QPSK	18700	100RB#0	5.47	13	PASS
Band2	20MHz	QPSK	18900	1RB#0	4.65	13	PASS



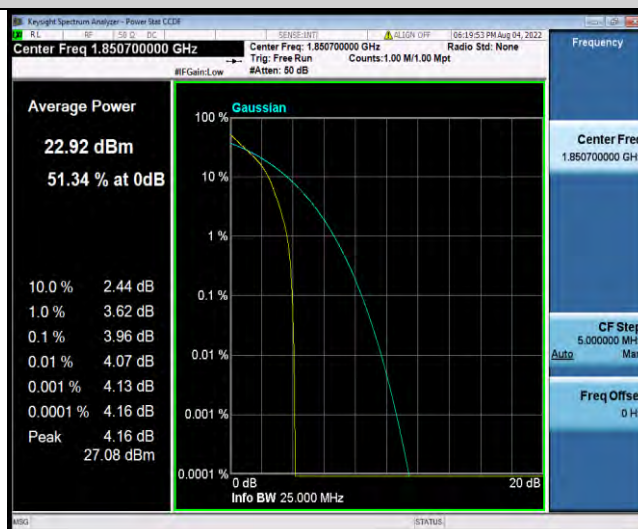
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Test Report No.: W7L-P22070038RF05

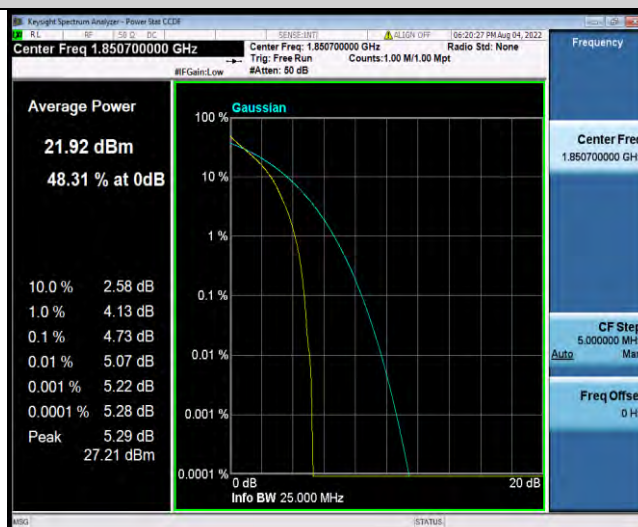
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Band2	20MHz	16QAM	18700	1RB#0	4.77	13	PASS
Band2	20MHz	16QAM	18700	100RB#0	6.22	13	PASS
Band2	20MHz	16QAM	18900	1RB#0	5.49	13	PASS
Band2	20MHz	16QAM	18900	100RB#0	6.24	13	PASS
Band2	20MHz	16QAM	19100	1RB#0	5.67	13	PASS
Band2	20MHz	16QAM	19100	100RB#0	6.06	13	PASS
Band2	20MHz	64QAM	18700	1RB#0	5.24	13	PASS
Band2	20MHz	64QAM	18700	100RB#0	6.54	13	PASS
Band2	20MHz	64QAM	18900	1RB#0	6.27	13	PASS
Band2	20MHz	64QAM	18900	100RB#0	6.59	13	PASS
Band2	20MHz	64QAM	19100	1RB#0	5.79	13	PASS
Band2	20MHz	64QAM	19100	100RB#0	6.43	13	PASS

Test Graphs

Band2-1.4MHz-QPSK-18607-1RB#0



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



Band2-1.4MHz-QPSK-18900-1RB#0

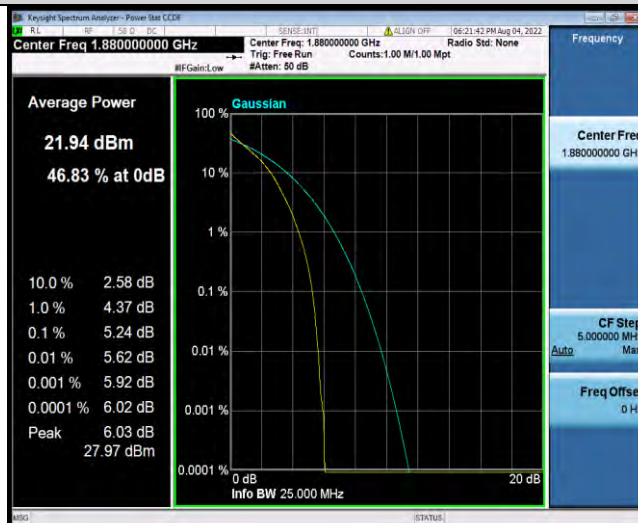


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Band2-1.4MHz-QPSK-18900-6RB#0



Band2-1.4MHz-QPSK-19193-1RB#0



Band2-1.4MHz-QPSK-19193-6RB#0



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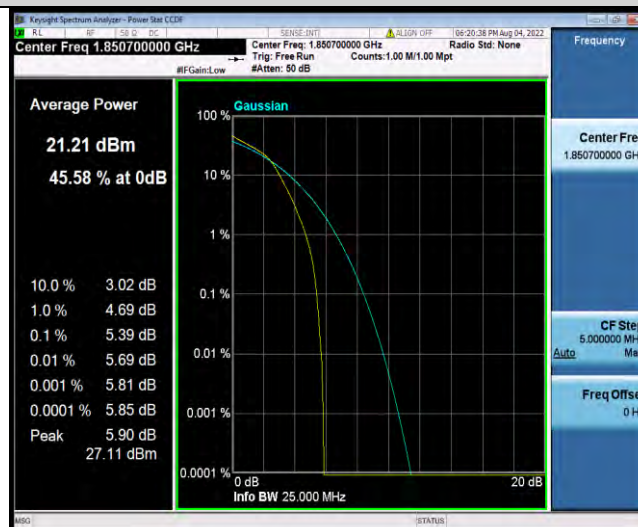
Test Report No.: W7L-P22070038RF05



Band2-1.4MHz-16QAM-18607-1RB#0



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

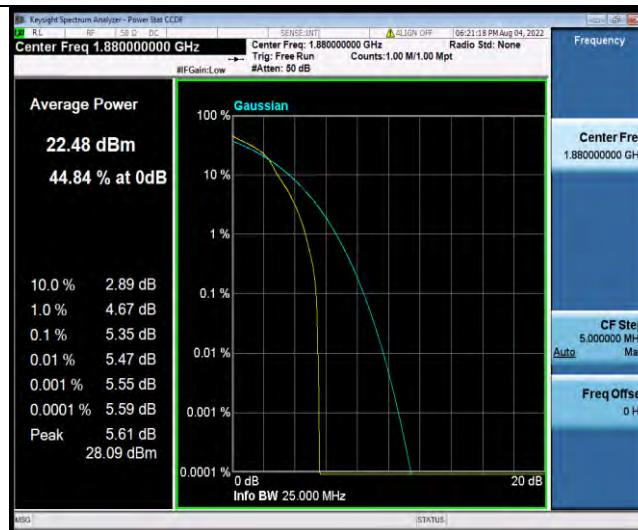


Band2-1.4MHz-16QAM-18900-1RB#0



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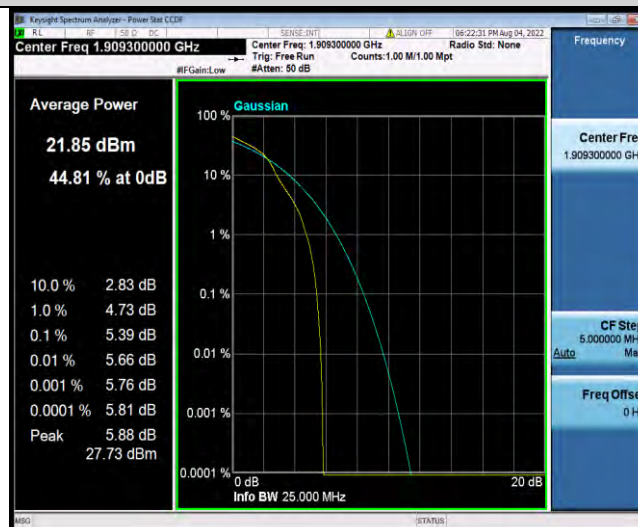
Test Report No.: W7L-P22070038RF05



Band2-1.4MHz-16QAM-18900-6RB#0



Band2-1.4MHz-16QAM-19193-1RB#0

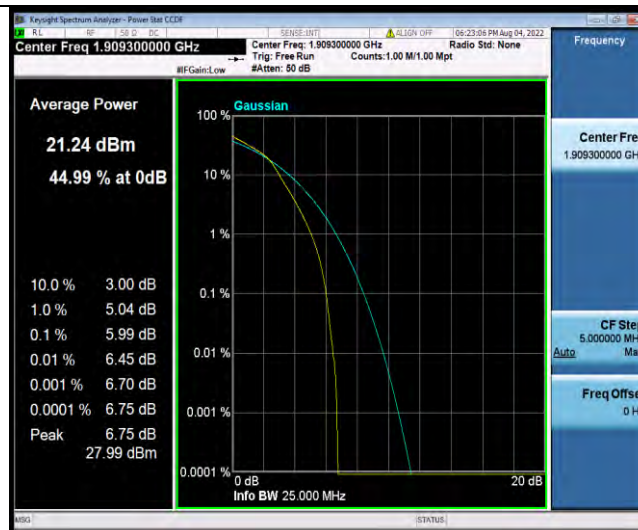


Band2-1.4MHz-16QAM-19193-6RB#0



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Test Report No.: W7L-P22070038RF05



Band2-1.4MHz-64QAM-18607-1RB#0



Band2-1.4MHz-64QAM-18607-6RB#0

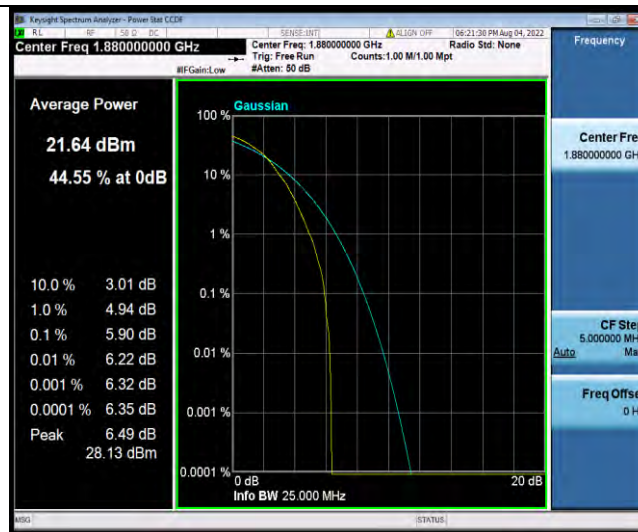


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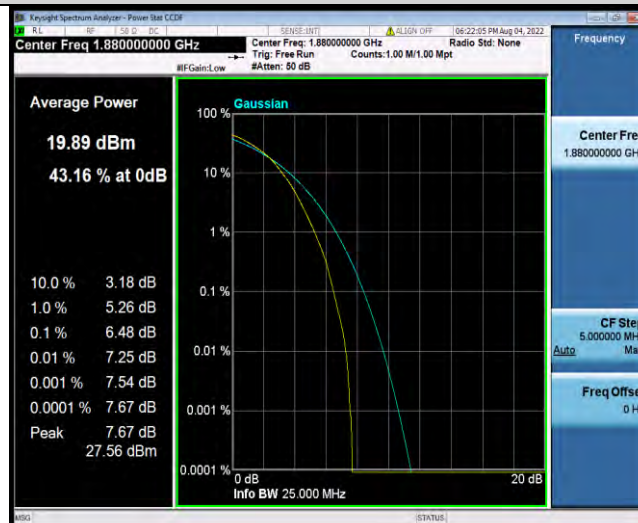


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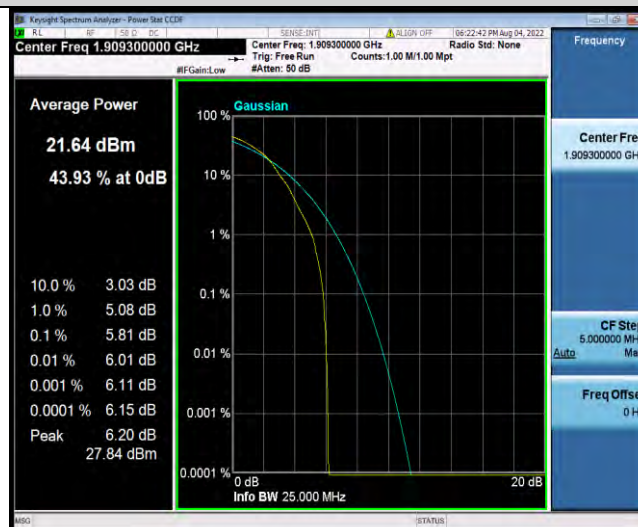
Test Report No.: W7L-P22070038RF05



Band2-1.4MHz-64QAM-18900-6RB#0



Band2-1.4MHz-64QAM-19193-1RB#0



Band2-1.4MHz-64QAM-19193-6RB#0



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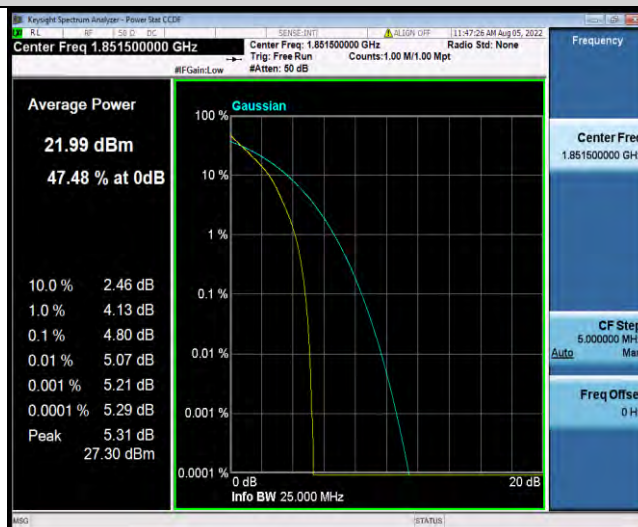
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Band2-3MHz-QPSK-18615-1RB#0



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



Band2-3MHz-QPSK-18900-1RB#0

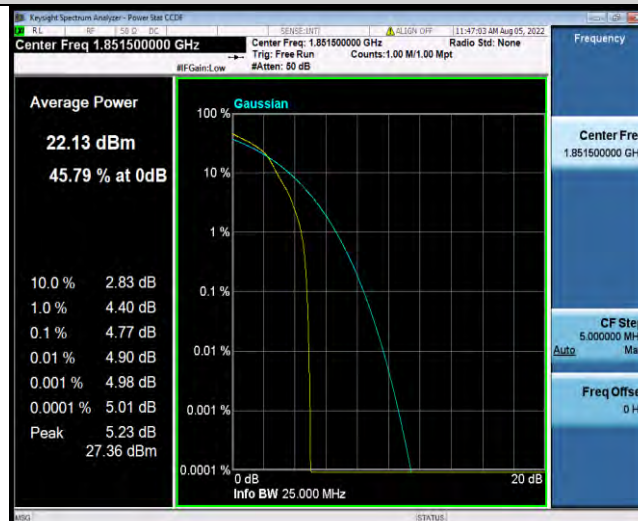


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Test Report No.: W7L-P22070038RF05



Band2-3MHz-16QAM-18615-1RB#0



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



Band2-3MHz-16QAM-18900-1RB#0

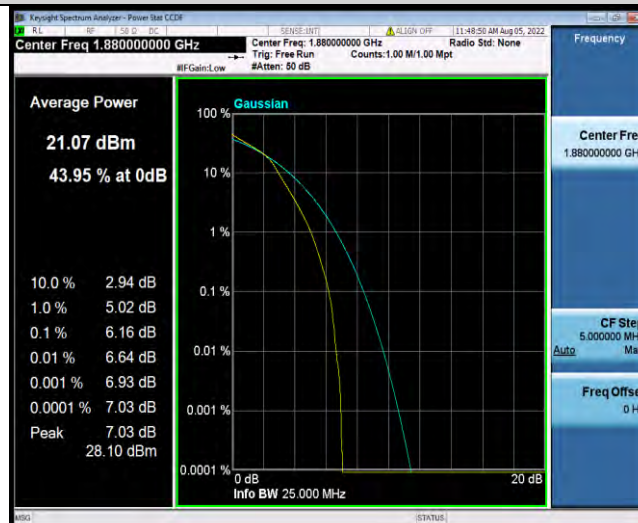


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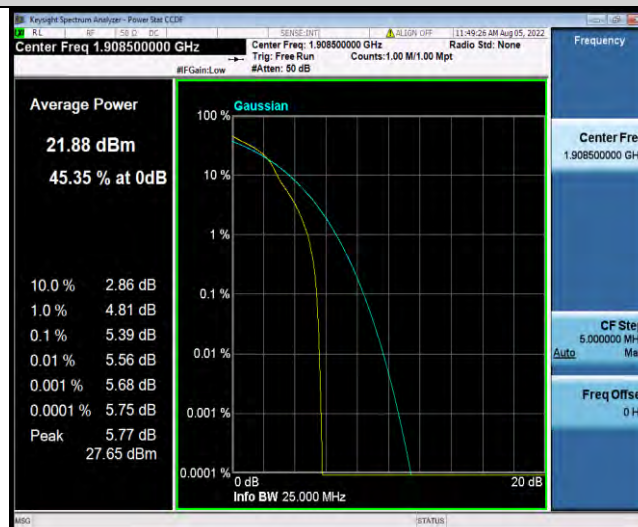
Test Report No.: W7L-P22070038RF05



Band2-3MHz-16QAM-18900-15RB#0



Band2-3MHz-16QAM-19185-1RB#0



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

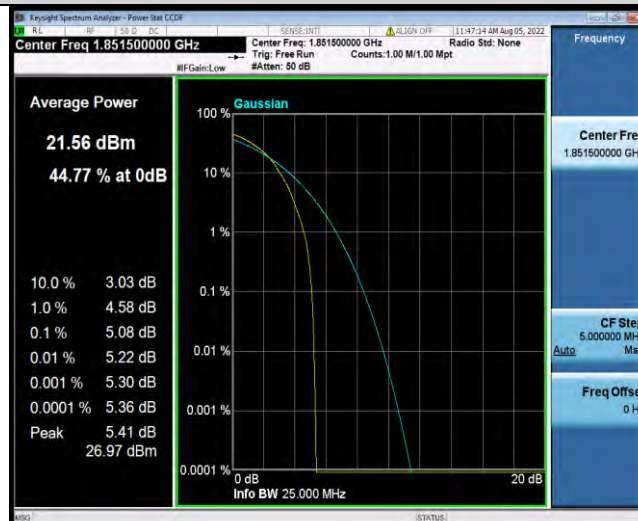


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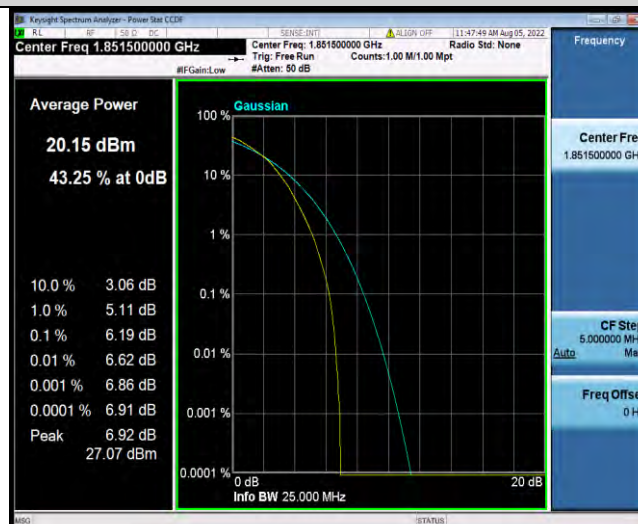
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Band2-3MHz-64QAM-18615-1RB#0



Band2-3MHz-64QAM-18615-15RB#0

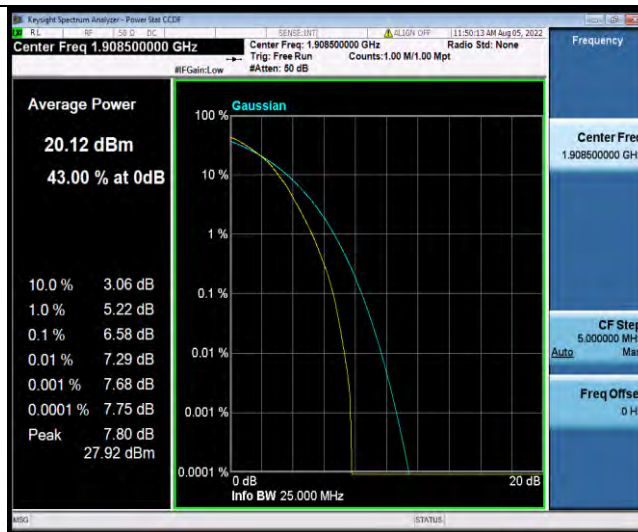


Band2-3MHz-64QAM-18900-1RB#0



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Test Report No.: W7L-P22070038RF05



Band2-5MHz-QPSK-18625-1RB#0



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

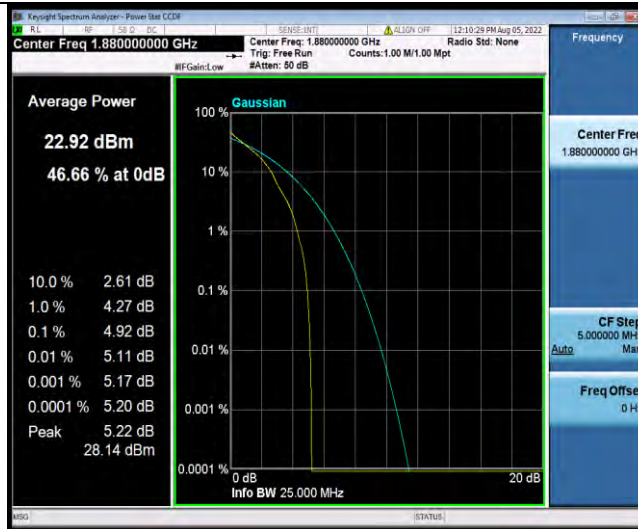


Band2-5MHz-QPSK-18900-1RB#0



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Test Report No.: W7L-P22070038RF05



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



Band2-5MHz-QPSK-19175-1RB#0



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

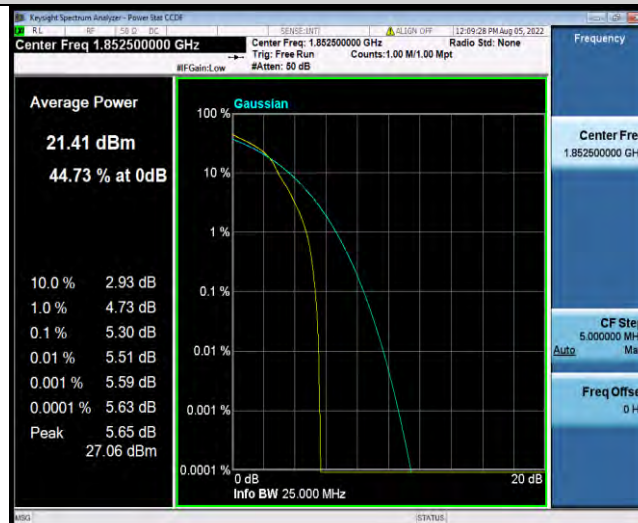


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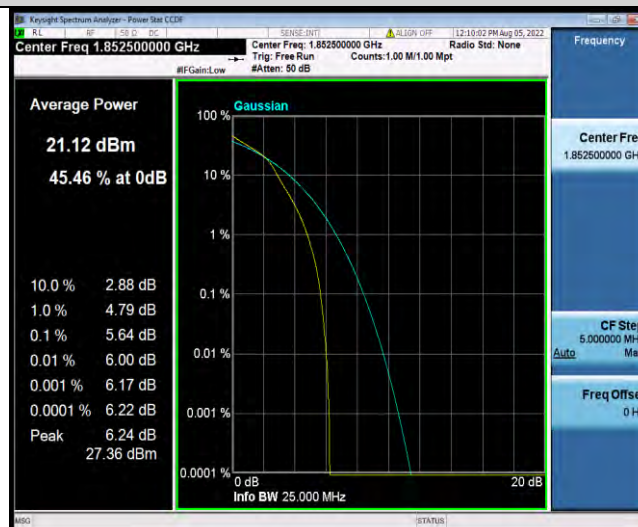
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Band2-5MHz-16QAM-18625-25RB#0

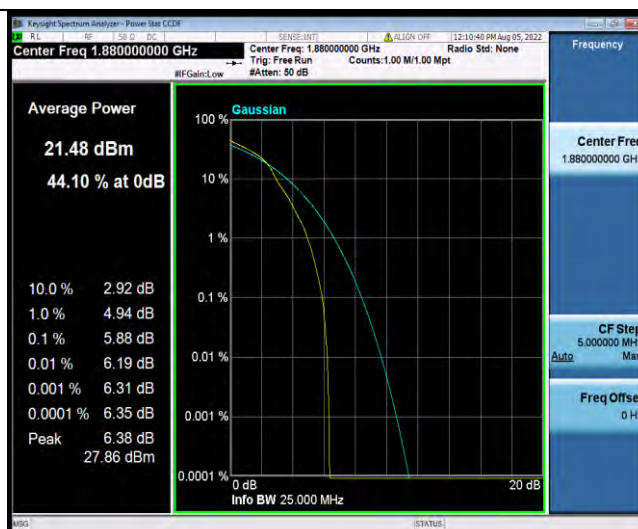


Band2-5MHz-16QAM-18900-1RB#0

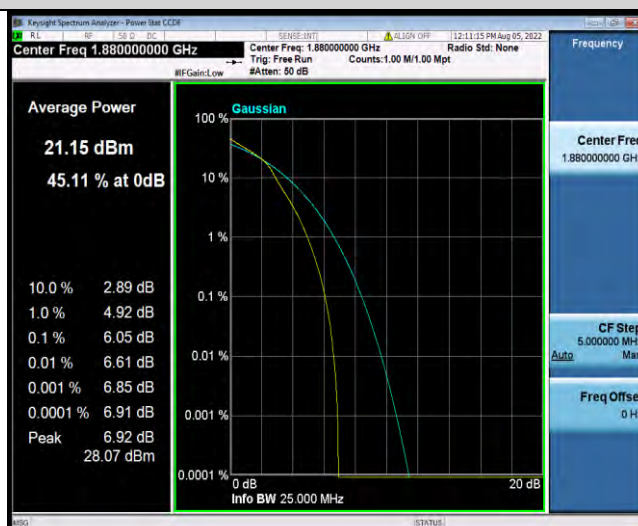


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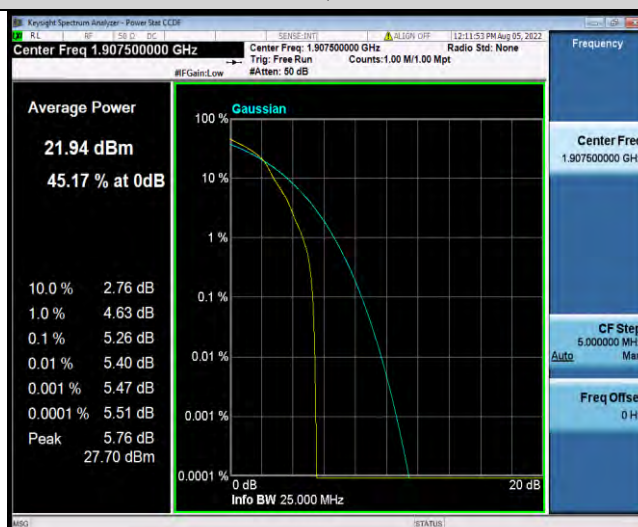
Test Report No.: W7L-P22070038RF05



Band2-5MHz-16QAM-18900-25RB#0



Band2-5MHz-16QAM-19175-1RB#0



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

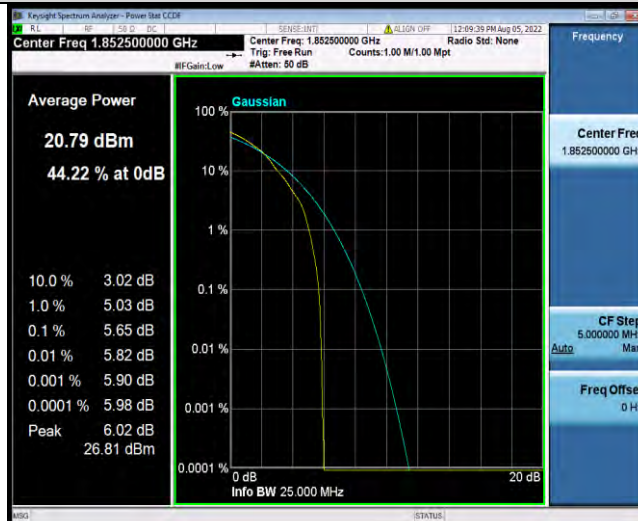


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Test Report No.: W7L-P22070038RF05



Band2-5MHz-64QAM-18625-1RB#0



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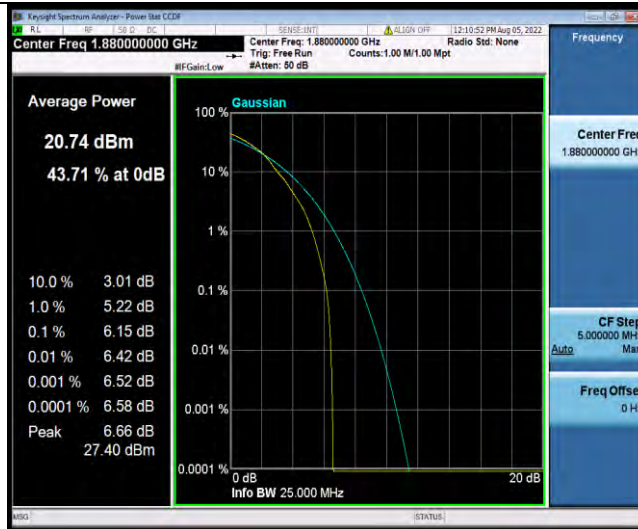


Band2-5MHz-64QAM-18900-1RB#0



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Test Report No.: W7L-P22070038RF05



Band2-5MHz-64QAM-18900-25RB#0



Band2-5MHz-64QAM-19175-1RB#0



Band2-5MHz-64QAM-19175-25RB#0



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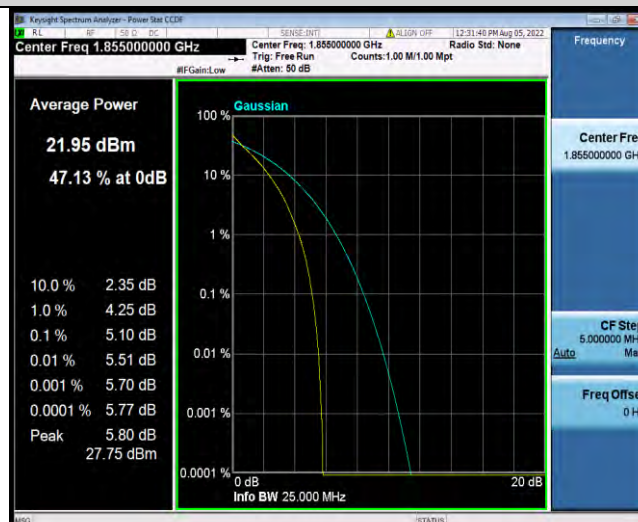
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Band2-10MHz-QPSK-18650-1RB#0



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



Band2-10MHz-QPSK-18900-1RB#0

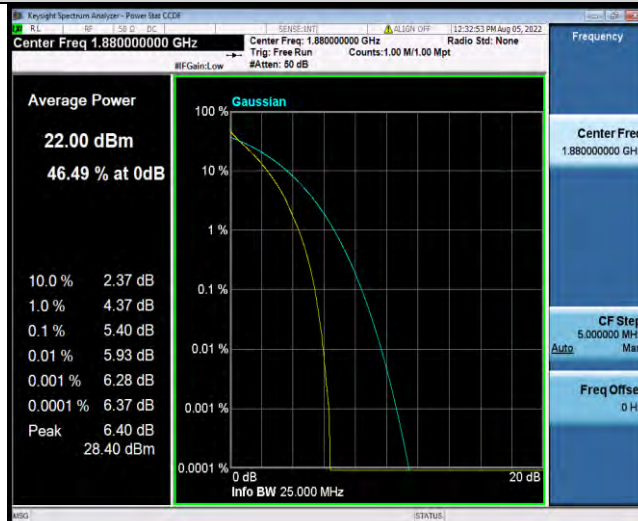


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Test Report No.: W7L-P22070038RF05



Band2-10MHz-QPSK-18900-50RB#0



Band2-10MHz-QPSK-19150-1RB#0



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



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Test Report No.: W7L-P22070038RF05



Band2-10MHz-16QAM-18650-1RB#0



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

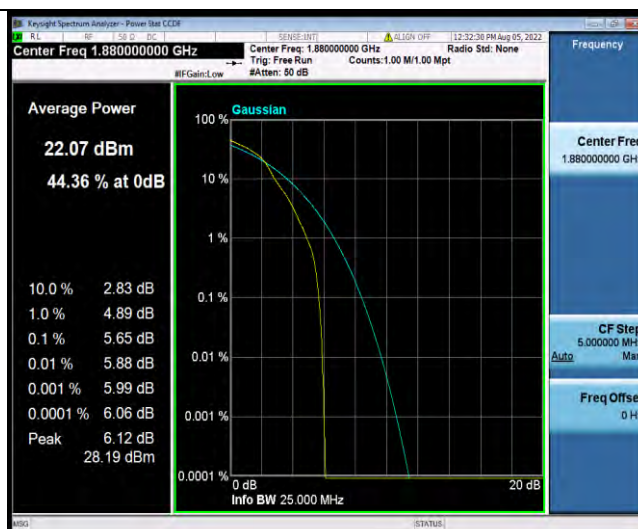


Band2-10MHz-16QAM-18900-1RB#0



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Test Report No.: W7L-P22070038RF05



Band2-10MHz-16QAM-18900-50RB#0



Band2-10MHz-16QAM-19150-1RB#0

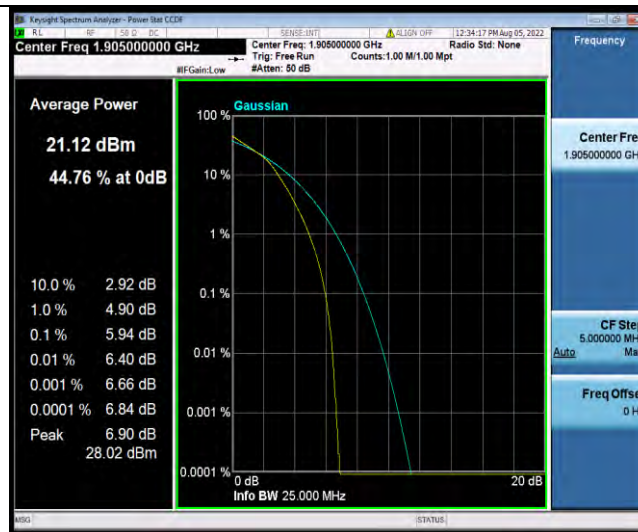


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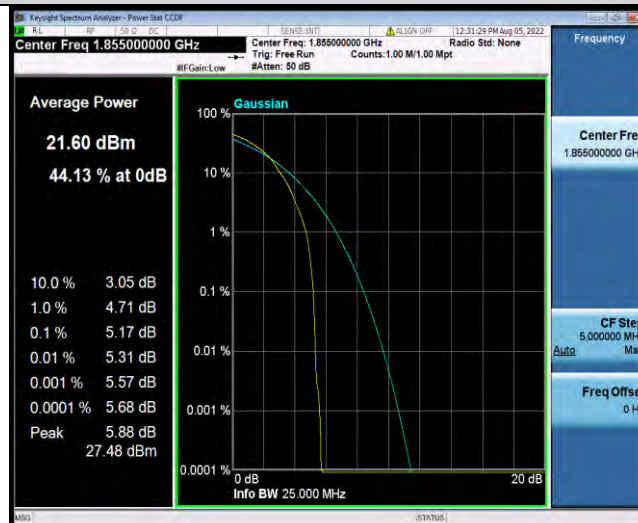


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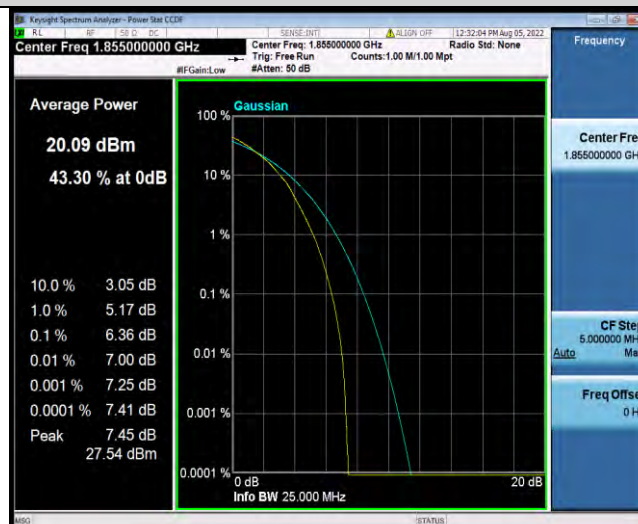
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Band2-10MHz-64QAM-18650-1RB#0



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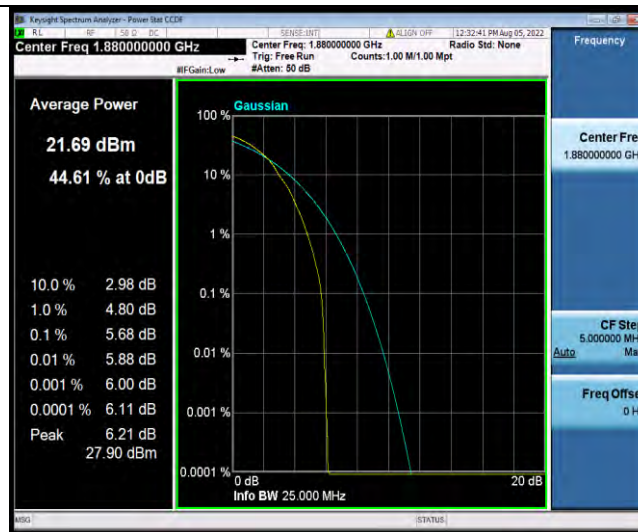


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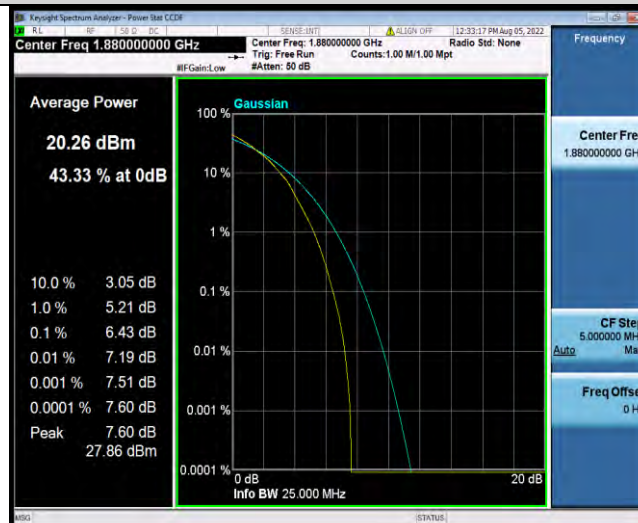


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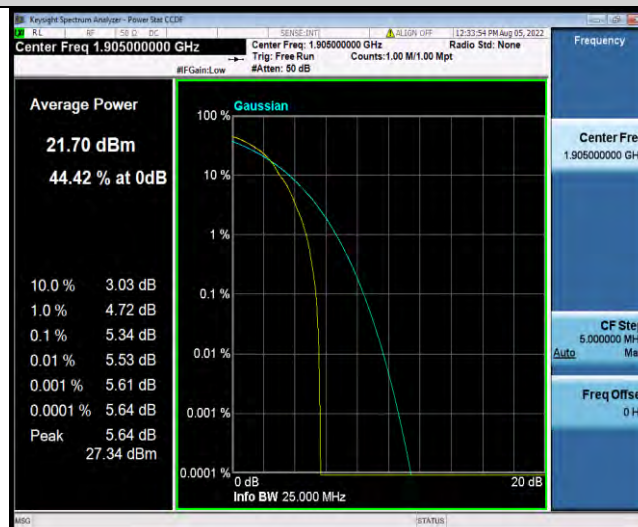
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Band2-10MHz-64QAM-18900-50RB#0



Band2-10MHz-64QAM-19150-1RB#0

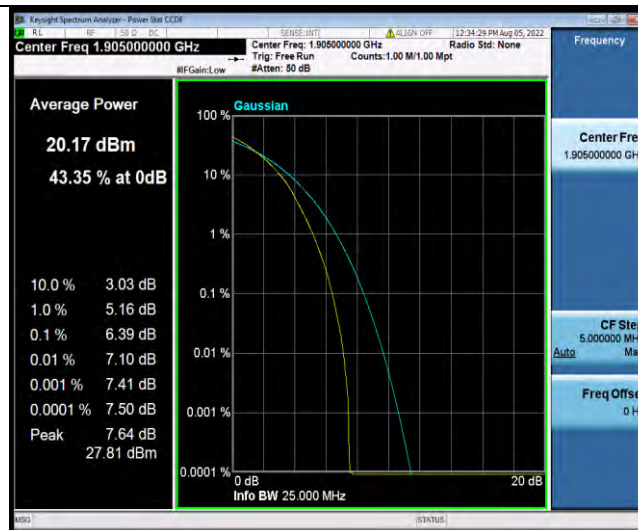


Band2-10MHz-64QAM-19150-50RB#0



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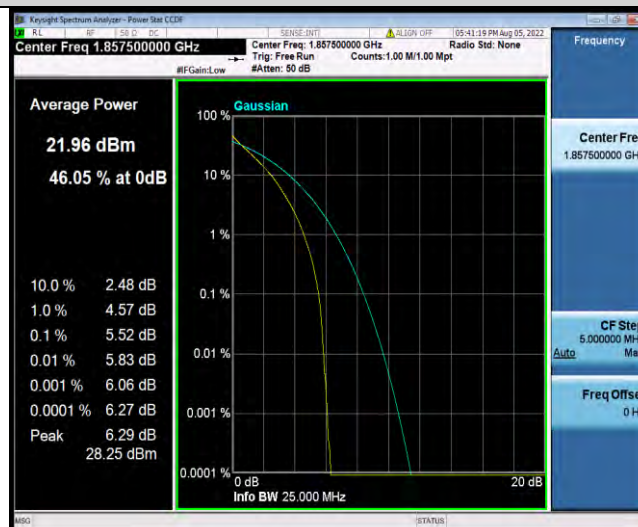
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Band2-15MHz-QPSK-18675-1RB#0



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



Band2-15MHz-QPSK-18900-1RB#0



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



Band2-15MHz-QPSK-19125-1RB#0



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

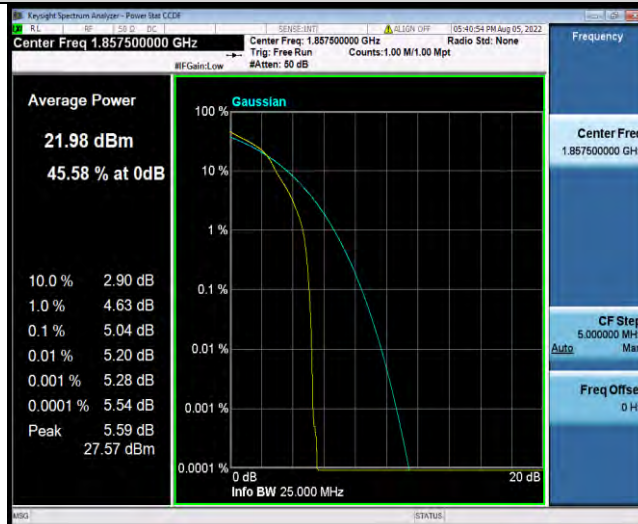


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Test Report No.: W7L-P22070038RF05



Band2-15MHz-16QAM-18675-1RB#0



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

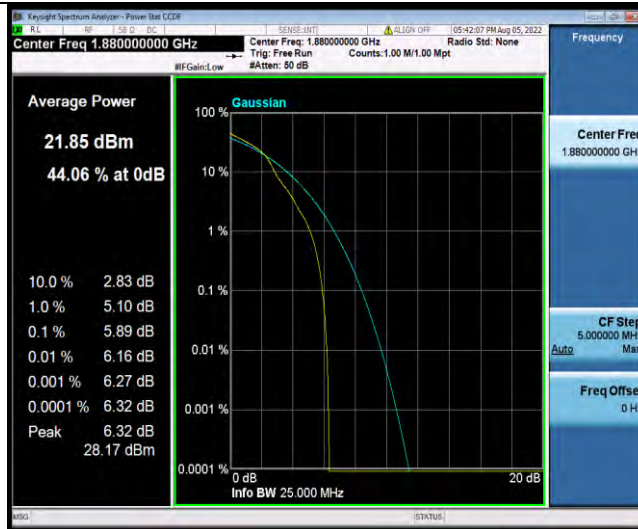


Band2-15MHz-16QAM-18900-1RB#0

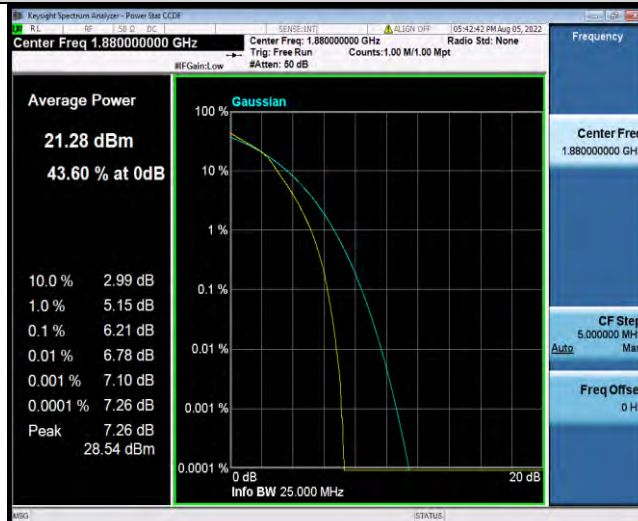


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Test Report No.: W7L-P22070038RF05



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



Band2-15MHz-16QAM-19125-1RB#0



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

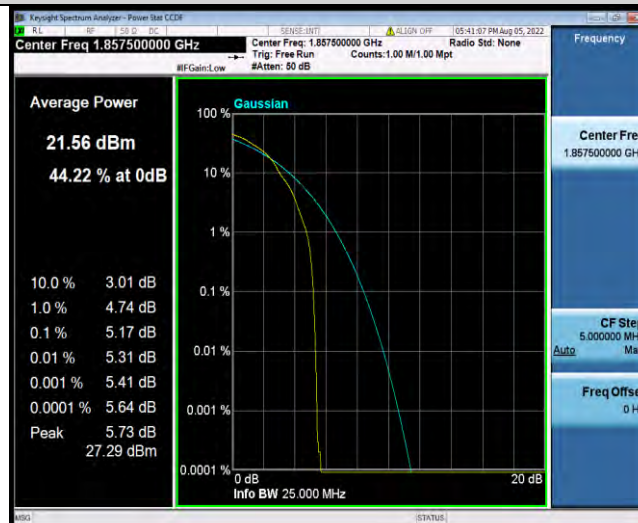


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Test Report No.: W7L-P22070038RF05



Band2-15MHz-64QAM-18675-1RB#0



Band2-15MHz-64QAM-18675-75RB#0



Band2-15MHz-64QAM-18900-1RB#0

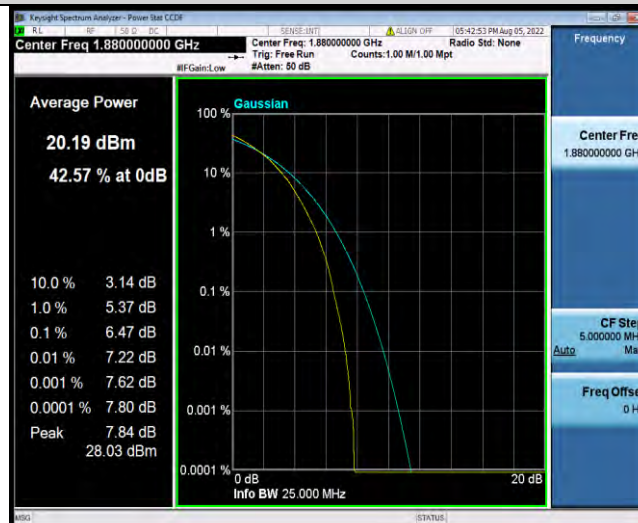


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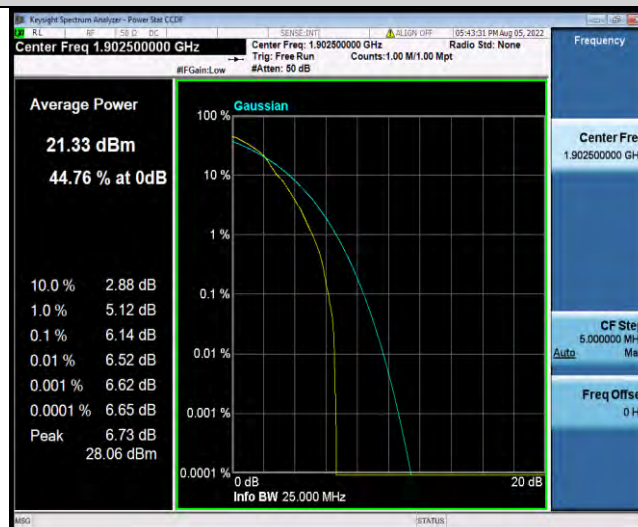
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Band2-15MHz-64QAM-18900-75RB#0



Band2-15MHz-64QAM-19125-1RB#0

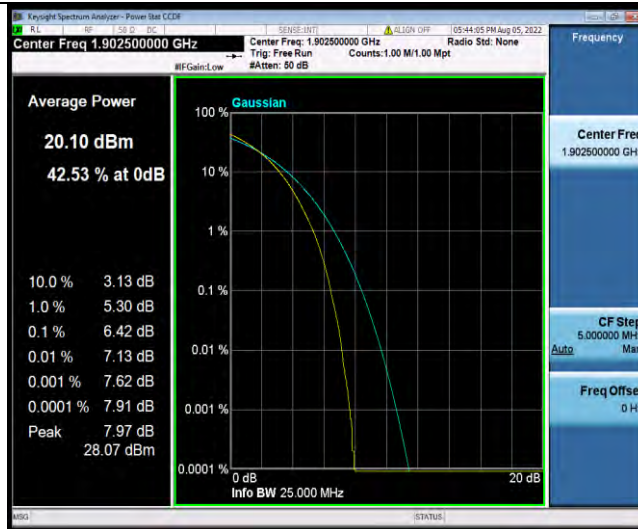


Band2-15MHz-64QAM-19125-75RB#0



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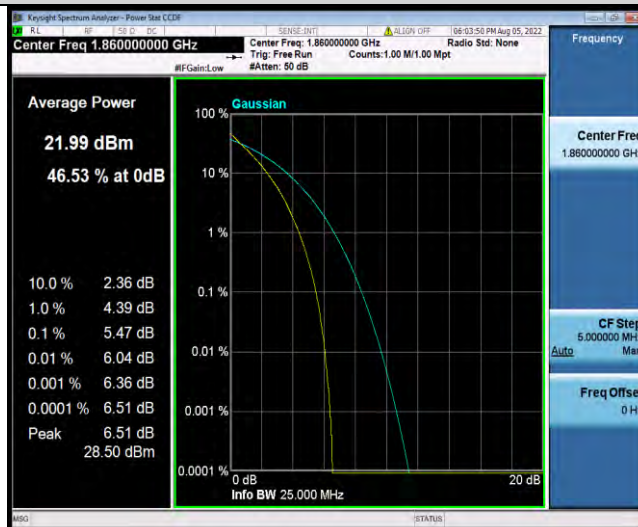
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Band2-20MHz-QPSK-18700-1RB#0



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



Band2-20MHz-QPSK-18900-1RB#0



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VERITAS

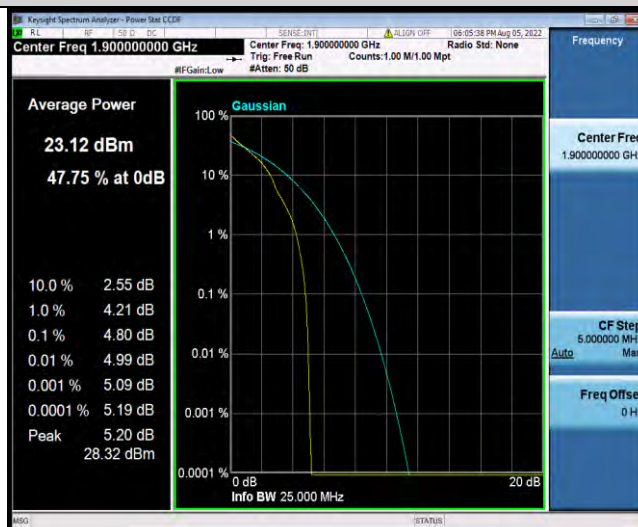
Test Report No.: W7L-P22070038RF05



Band2-20MHz-QPSK-18900-100RB#0



Band2-20MHz-QPSK-19100-1RB#0



Band2-20MHz-QPSK-19100-100RB#0



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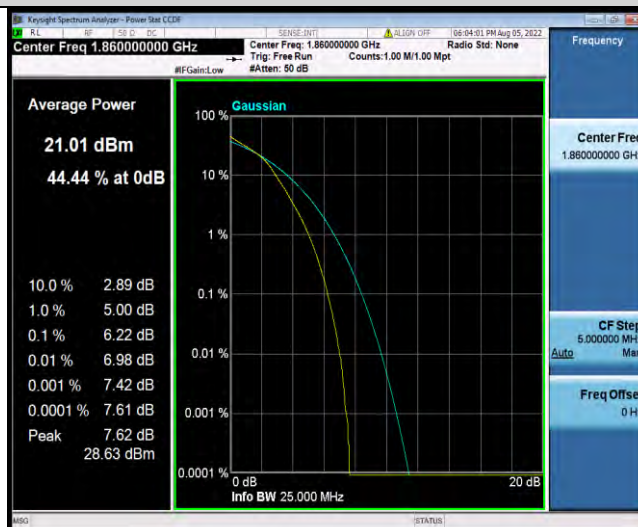
Test Report No.: W7L-P22070038RF05



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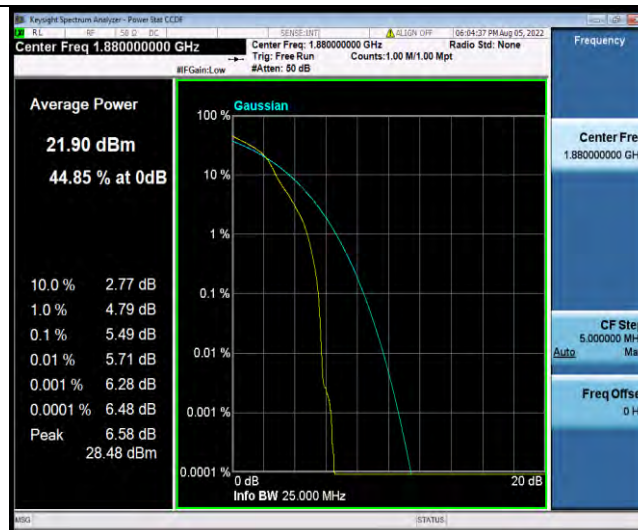


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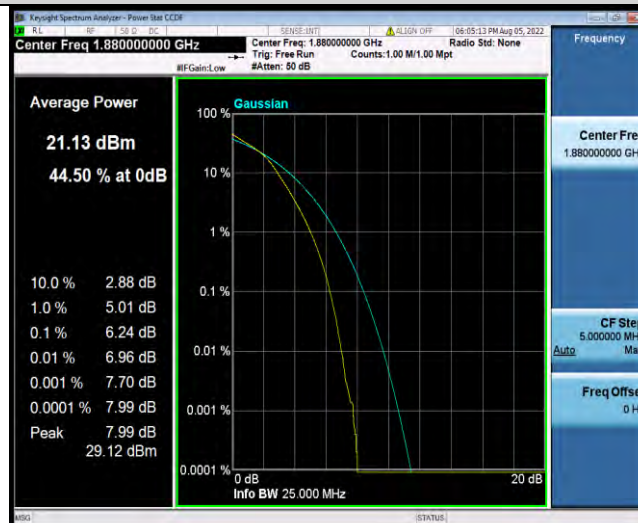


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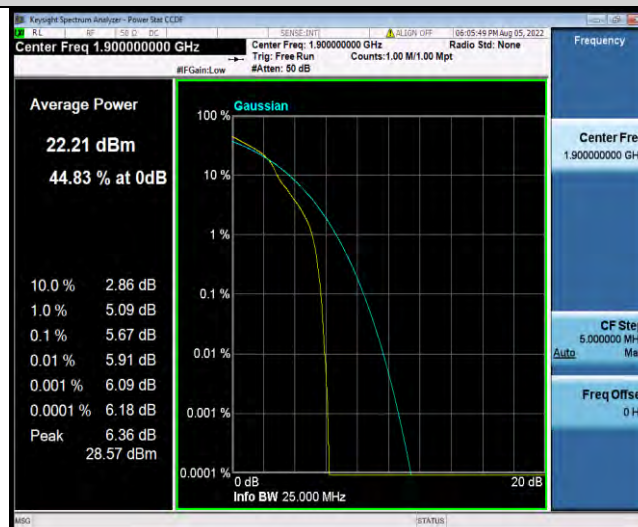
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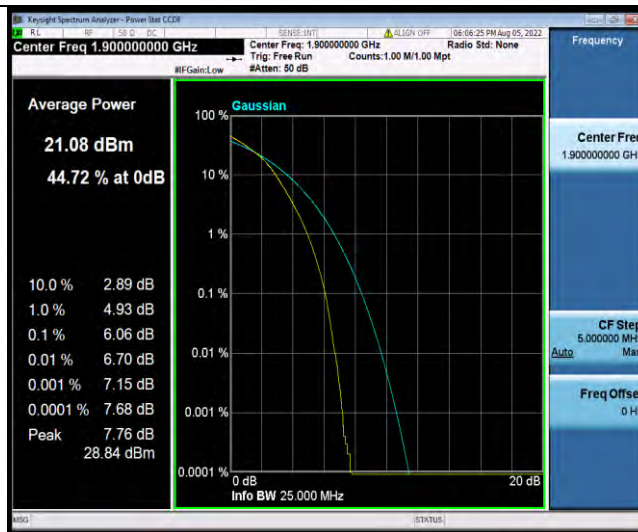


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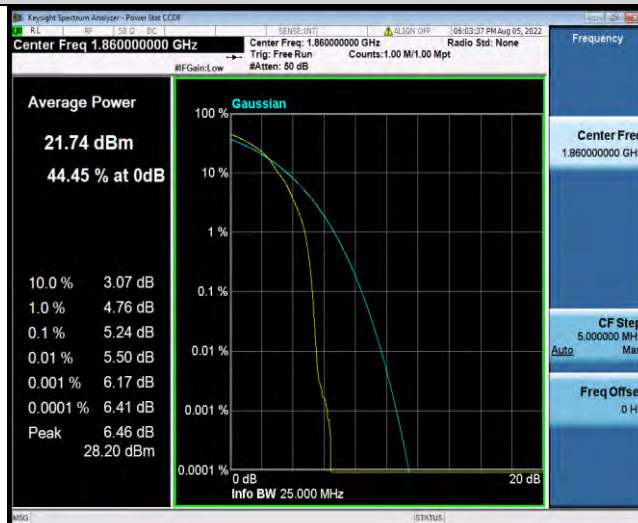


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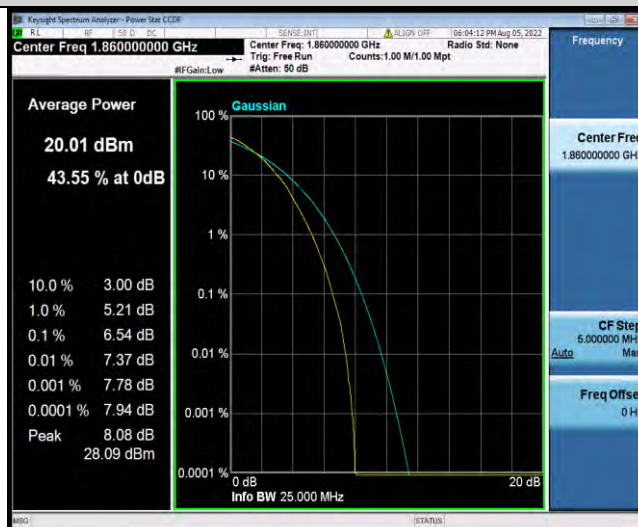
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Band2-20MHz-64QAM-18700-1RB#0



Band2-20MHz-64QAM-18700-100RB#0



Band2-20MHz-64QAM-18900-1RB#0



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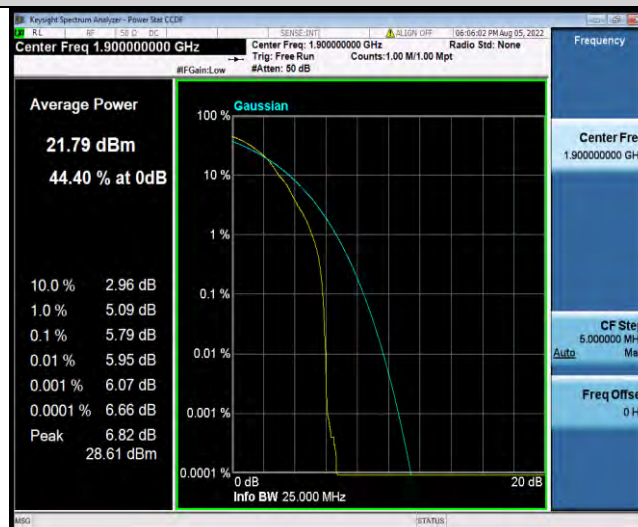
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Band2-20MHz-64QAM-19100-1RB#0

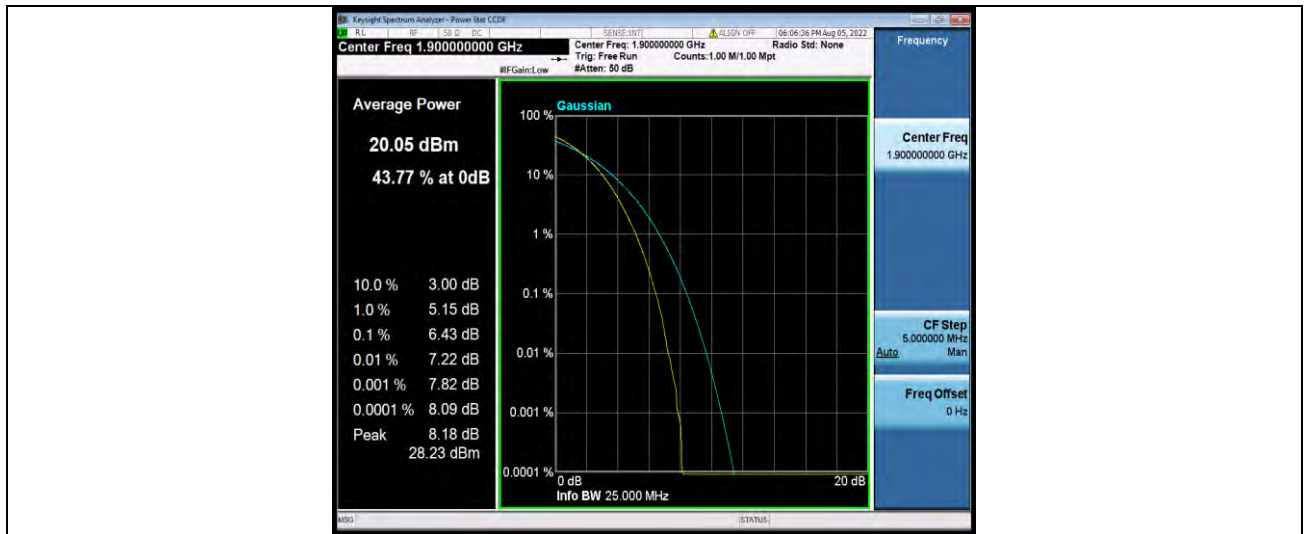


Band2-20MHz-64QAM-19100-100RB#0



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Test Report No.: W7L-P22070038RF05



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	1.0931	1.235	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	1.0901	1.235	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1.0925	1.237	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1.0909	1.239	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.0905	1.235	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1.0896	1.235	PASS
Band2	1.4MHz	64QAM	18607	6RB#0	1.0902	1.223	PASS
Band2	1.4MHz	64QAM	18900	6RB#0	1.0889	1.230	PASS
Band2	1.4MHz	64QAM	19193	6RB#0	1.0885	1.230	PASS
Band2	3MHz	QPSK	18615	15RB#0	2.6973	2.942	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.6896	2.928	PASS
Band2	3MHz	QPSK	19185	15RB#0	2.6994	2.970	PASS
Band2	3MHz	16QAM	18615	15RB#0	2.6929	2.984	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.6890	2.968	PASS
Band2	3MHz	16QAM	19185	15RB#0	2.6943	2.978	PASS
Band2	3MHz	64QAM	18615	15RB#0	2.7006	2.974	PASS
Band2	3MHz	64QAM	18900	15RB#0	2.6944	2.975	PASS
Band2	3MHz	64QAM	19185	15RB#0	2.6959	2.961	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.4955	4.872	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.4975	4.892	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.4925	4.869	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.4955	4.847	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.4982	4.852	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.4950	4.892	PASS
Band2	5MHz	64QAM	18625	25RB#0	4.4896	4.847	PASS
Band2	5MHz	64QAM	18900	25RB#0	4.4916	4.858	PASS
Band2	5MHz	64QAM	19175	25RB#0	4.4930	4.879	PASS
Band2	10MHz	QPSK	18650	50RB#0	8.9870	9.585	PASS
Band2	10MHz	QPSK	18900	50RB#0	8.9928	9.600	PASS
Band2	10MHz	QPSK	19150	50RB#0	8.9820	9.575	PASS
Band2	10MHz	16QAM	18650	50RB#0	8.9701	9.608	PASS
Band2	10MHz	16QAM	18900	50RB#0	8.9723	9.584	PASS
Band2	10MHz	16QAM	19150	50RB#0	8.9796	9.578	PASS
Band2	10MHz	64QAM	18650	50RB#0	8.9632	9.579	PASS
Band2	10MHz	64QAM	18900	50RB#0	8.9625	9.598	PASS
Band2	10MHz	64QAM	19150	50RB#0	8.9827	9.616	PASS
Band2	15MHz	QPSK	18675	75RB#0	13.464	14.40	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.479	14.32	PASS
Band2	15MHz	QPSK	19125	75RB#0	13.435	14.33	PASS
Band2	15MHz	16QAM	18675	75RB#0	13.458	14.32	PASS
Band2	15MHz	16QAM	18900	75RB#0	13.462	14.29	PASS

**Test Report No.: W7L-P22070038RF05**

Band2	15MHz	16QAM	19125	75RB#0	13.435	14.28	PASS
Band2	15MHz	64QAM	18675	75RB#0	13.460	14.31	PASS
Band2	15MHz	64QAM	18900	75RB#0	13.452	14.31	PASS
Band2	15MHz	64QAM	19125	75RB#0	13.450	14.28	PASS
Band2	20MHz	QPSK	18700	100RB#0	17.963	19.02	PASS
Band2	20MHz	QPSK	18900	100RB#0	17.961	19.03	PASS
Band2	20MHz	QPSK	19100	100RB#0	17.892	18.94	PASS
Band2	20MHz	16QAM	18700	100RB#0	17.951	19.02	PASS
Band2	20MHz	16QAM	18900	100RB#0	17.963	19.04	PASS
Band2	20MHz	16QAM	19100	100RB#0	17.914	19.02	PASS
Band2	20MHz	64QAM	18700	100RB#0	17.939	19.07	PASS
Band2	20MHz	64QAM	18900	100RB#0	17.960	19.02	PASS
Band2	20MHz	64QAM	19100	100RB#0	17.915	19.01	PASS

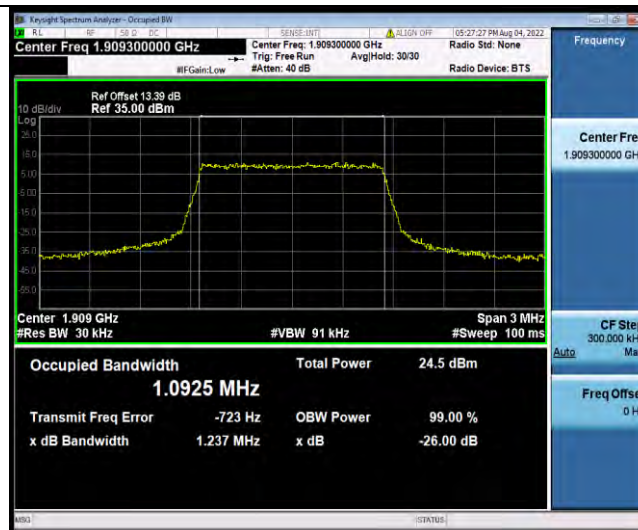
Test Graphs





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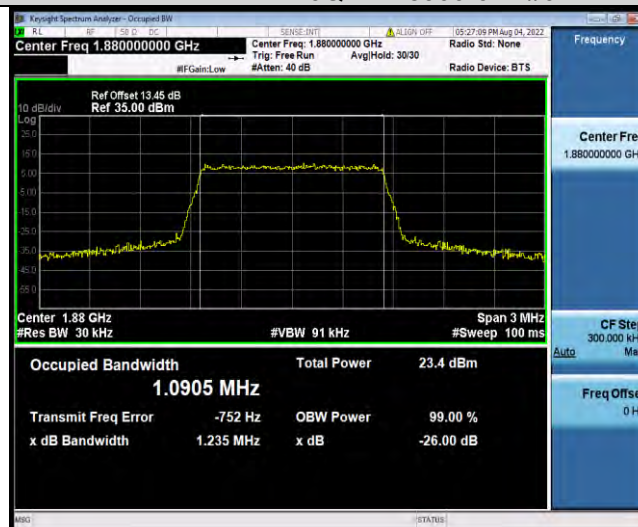
Test Report No.: W7L-P22070038RF05



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



Band2-1.4MHz-16QAM-18900-6RB#0

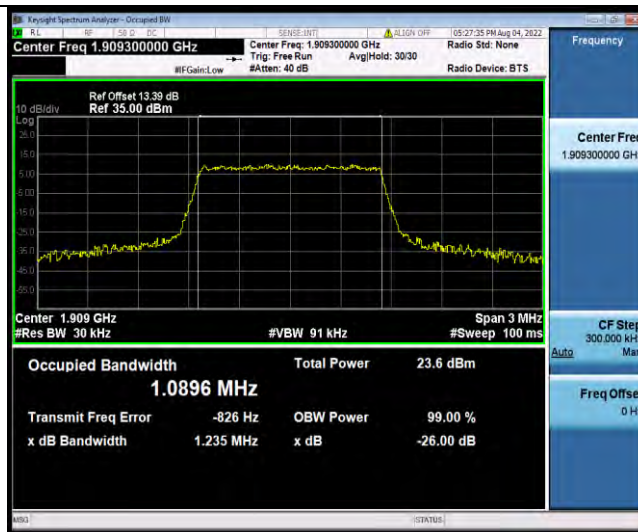


Band2-1.4MHz-16QAM-19193-6RB#0



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Test Report No.: W7L-P22070038RF05



Band2-1.4MHz-64QAM-18607-6RB#0



Band2-1.4MHz-64QAM-18900-6RB#0

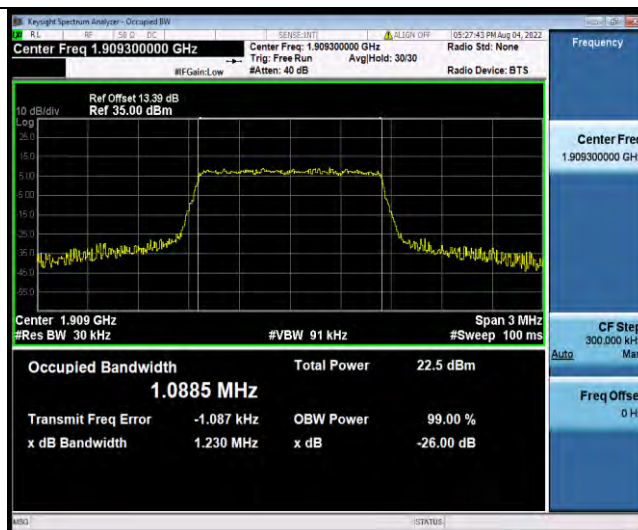


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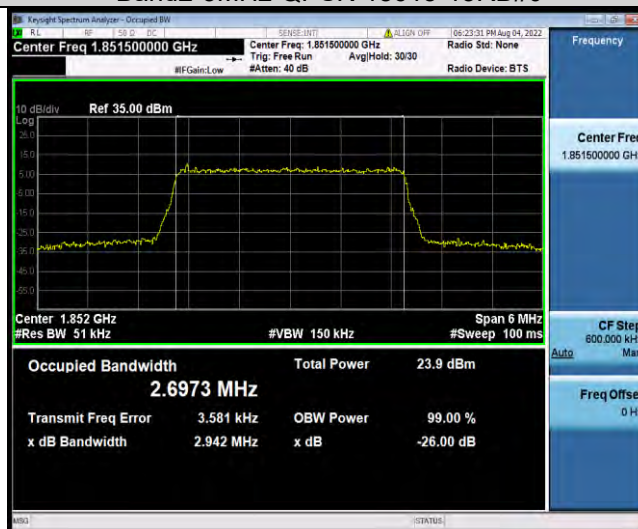


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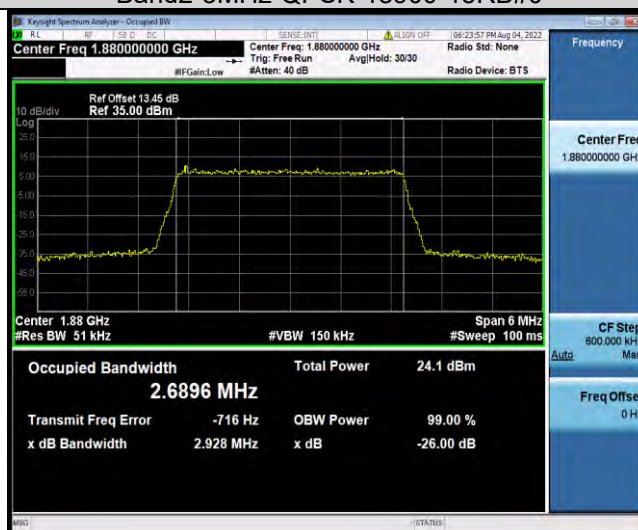
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Band2-3MHz-QPSK-18615-15RB#0



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



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

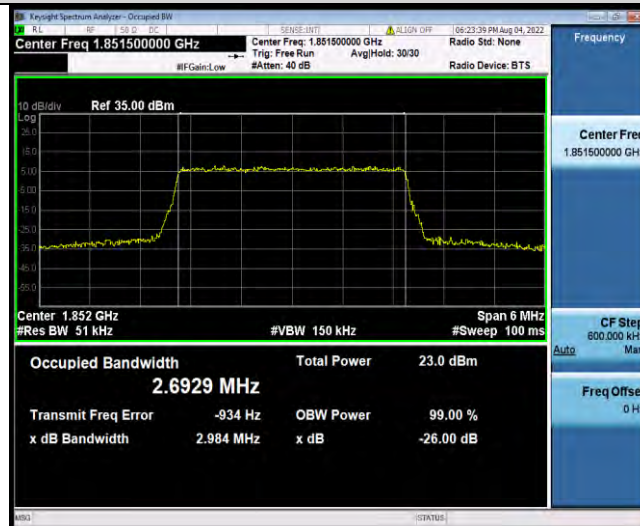


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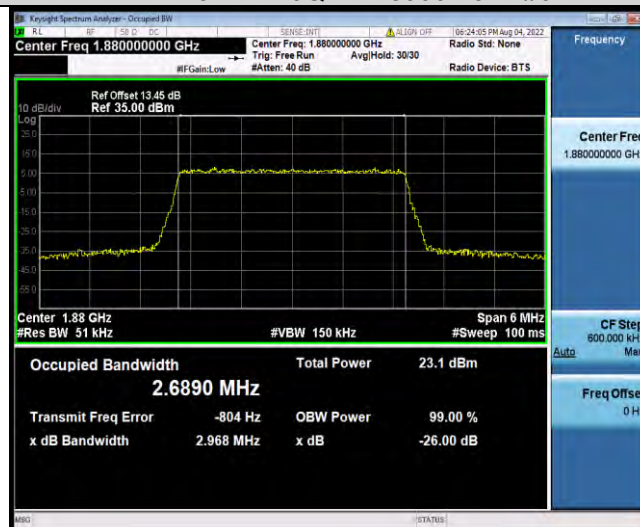
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Band2-3MHz-16QAM-18900-15RB#0

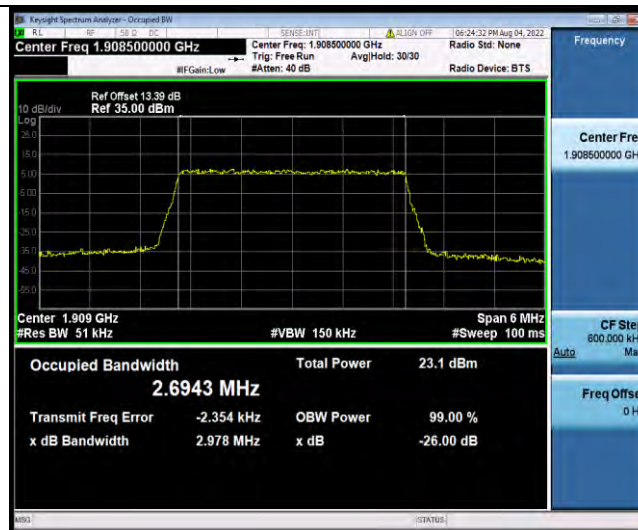


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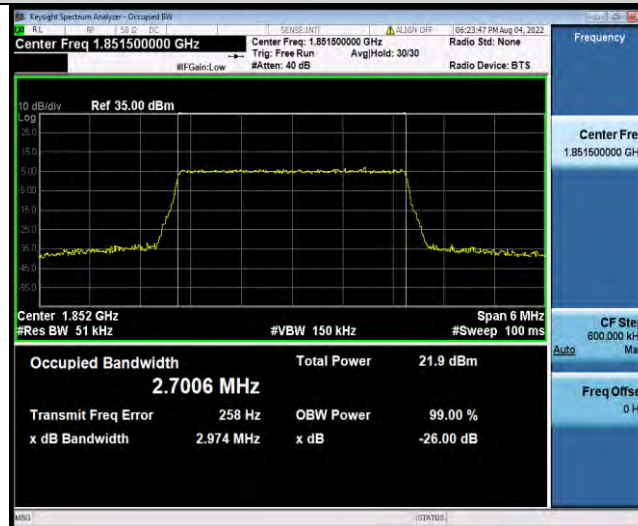


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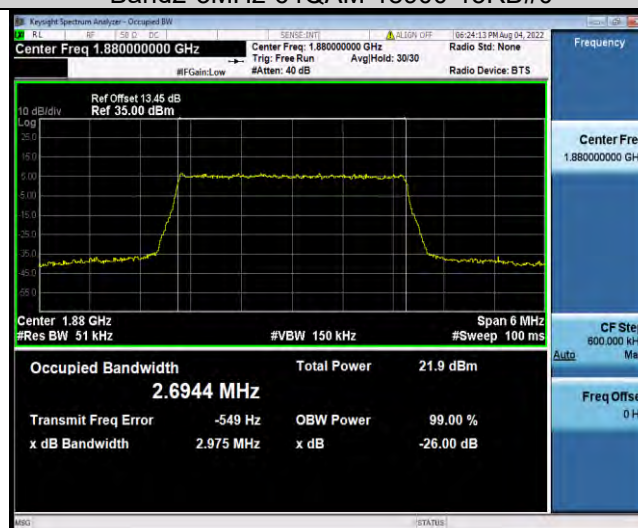
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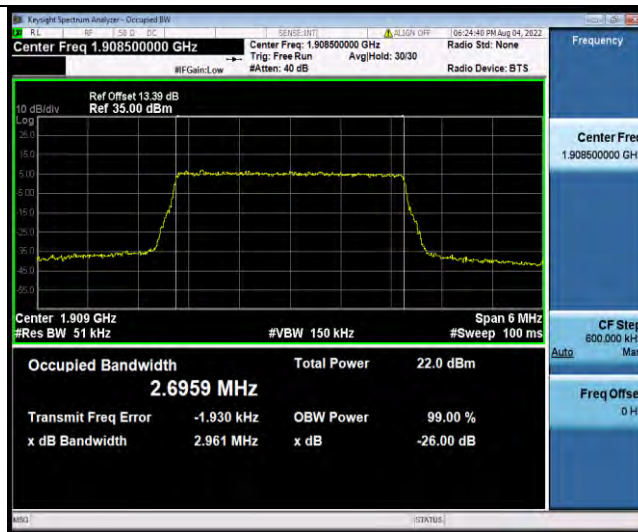


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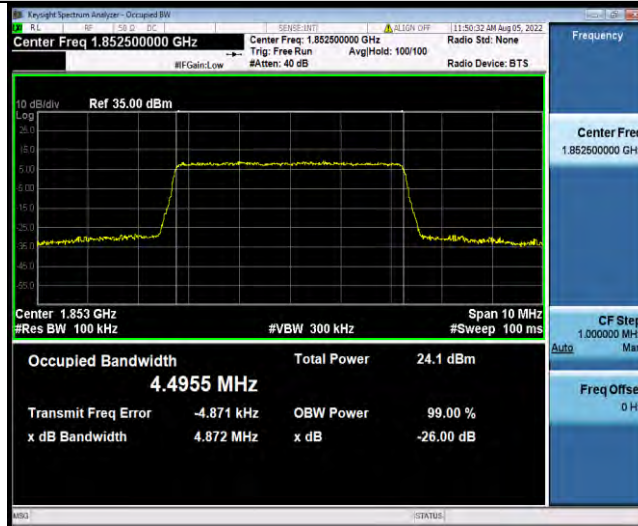


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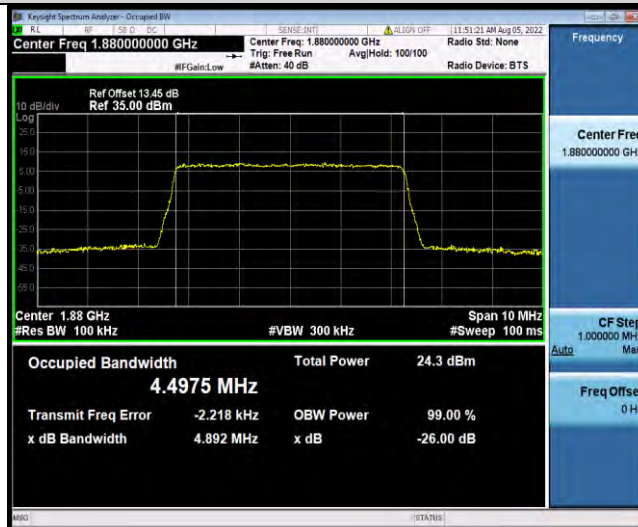
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Band2-5MHz-QPSK-18625-25RB#0



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



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

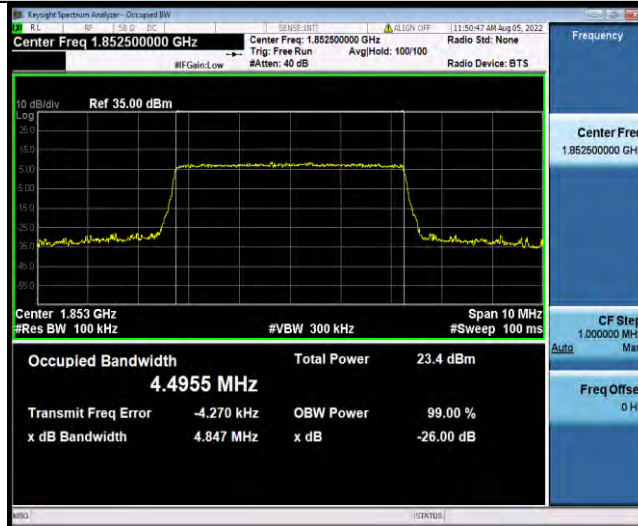


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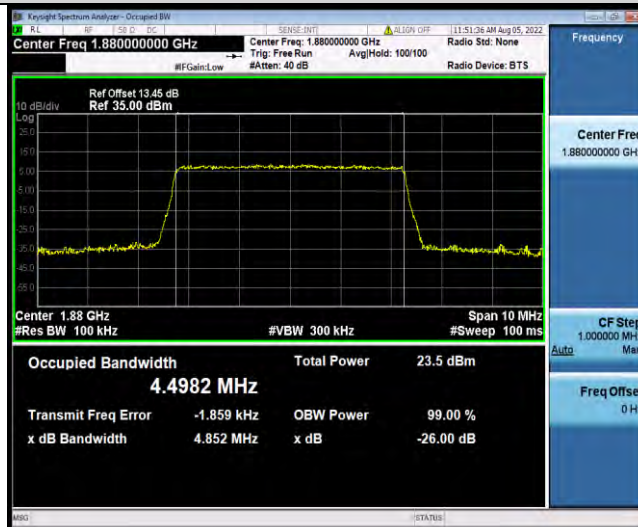
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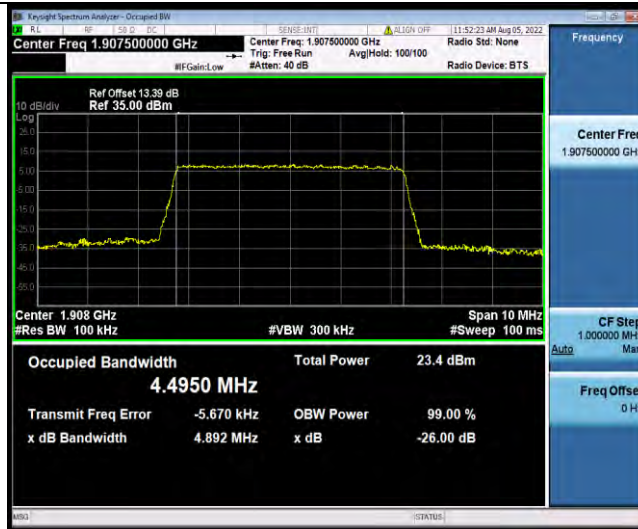


Band2-5MHz-16QAM-19175-25RB#0



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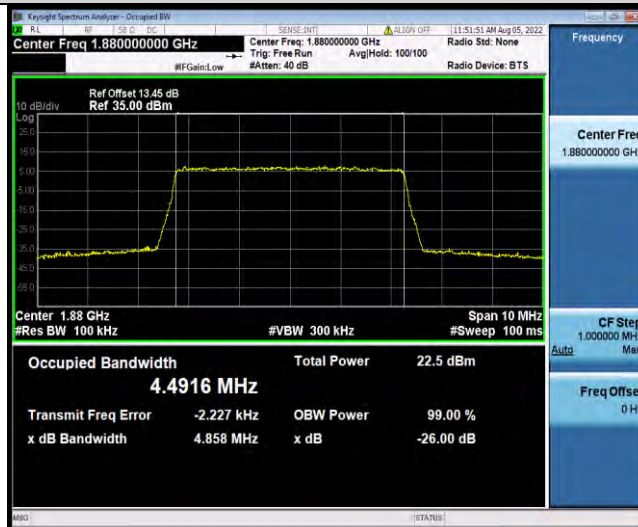
Test Report No.: W7L-P22070038RF05



Band2-5MHz-64QAM-18625-25RB#0



Band2-5MHz-64QAM-18900-25RB#0



Band2-5MHz-64QAM-19175-25RB#0



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Test Report No.: W7L-P22070038RF05



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



Band2-10MHz-QPSK-18900-50RB#0



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



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VERITAS

Test Report No.: W7L-P22070038RF05



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



Band2-10MHz-16QAM-18900-50RB#0



Band2-10MHz-16QAM-19150-50RB#0



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VERITAS

Test Report No.: W7L-P22070038RF05



Band2-10MHz-64QAM-18650-50RB#0



Band2-10MHz-64QAM-18900-50RB#0



Band2-10MHz-64QAM-19150-50RB#0

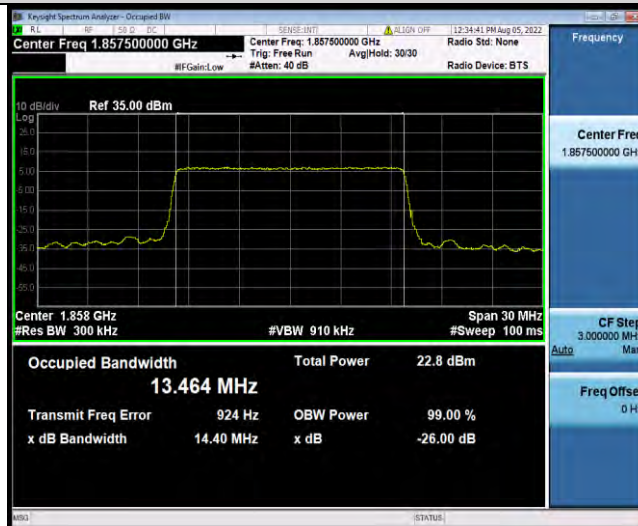


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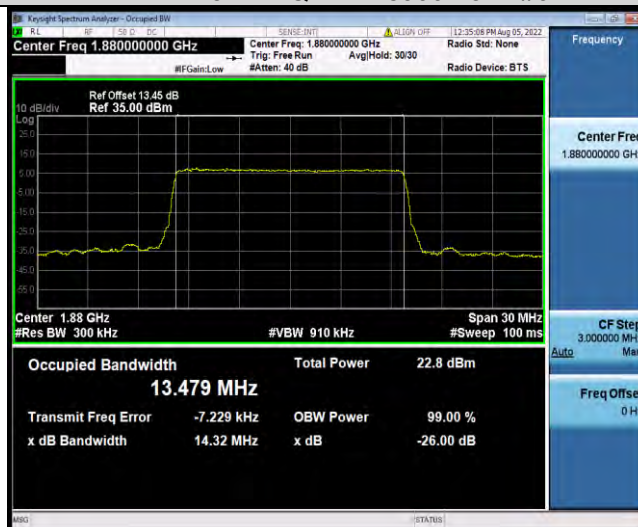
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Band2-15MHz-QPSK-18675-75RB#0



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



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