

FCC LTE Band2 Test Data

Appendix B: Peak-to-Average Ratio(CCDF)

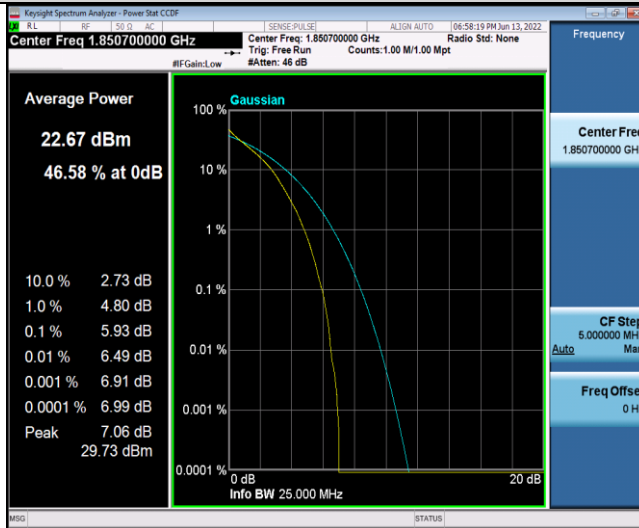
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band2	1.4MHz	QPSK	18607	25RB#0	5.93	13	PASS
Band2	1.4MHz	QPSK	18900	25RB#0	6.00	13	PASS
Band2	1.4MHz	QPSK	19193	25RB#0	4.67	13	PASS
Band2	1.4MHz	16QAM	18607	25RB#0	6.75	13	PASS
Band2	1.4MHz	16QAM	18900	25RB#0	7.72	13	PASS
Band2	1.4MHz	16QAM	19193	25RB#0	6.40	13	PASS
Band2	3MHz	QPSK	18615	15RB#0	5.94	13	PASS
Band2	3MHz	QPSK	18900	15RB#0	5.96	13	PASS
Band2	3MHz	QPSK	19185	15RB#0	5.06	13	PASS
Band2	3MHz	16QAM	18615	15RB#0	7.39	13	PASS
Band2	3MHz	16QAM	18900	15RB#0	8.05	13	PASS
Band2	3MHz	16QAM	19185	15RB#0	7.56	13	PASS
Band2	5MHz	QPSK	18625	25RB#0	5.90	13	PASS
Band2	5MHz	QPSK	18900	25RB#0	5.98	13	PASS
Band2	5MHz	QPSK	19175	25RB#0	5.12	13	PASS
Band2	5MHz	16QAM	18625	25RB#0	7.77	13	PASS
Band2	5MHz	16QAM	18900	25RB#0	8.19	13	PASS
Band2	5MHz	16QAM	19175	25RB#0	7.28	13	PASS
Band2	10MHz	QPSK	18650	50RB#0	5.82	13	PASS
Band2	10MHz	QPSK	18900	50RB#0	5.90	13	PASS
Band2	10MHz	QPSK	19150	50RB#0	5.31	13	PASS
Band2	10MHz	16QAM	18650	50RB#0	7.92	13	PASS
Band2	10MHz	16QAM	18900	50RB#0	8.74	13	PASS
Band2	10MHz	16QAM	19150	50RB#0	7.12	13	PASS
Band2	15MHz	QPSK	18675	75RB#0	6.97	13	PASS
Band2	15MHz	QPSK	18900	75RB#0	6.36	13	PASS
Band2	15MHz	QPSK	19125	75RB#0	6.37	13	PASS
Band2	15MHz	16QAM	18675	75RB#0	8.29	13	PASS
Band2	15MHz	16QAM	18900	75RB#0	7.78	13	PASS

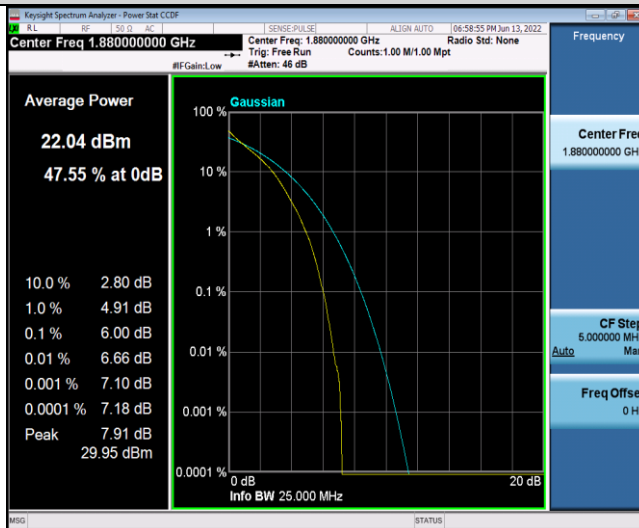
Band2	15MHz	16QAM	19125	75RB#0	8.27	13	PASS
Band2	20MHz	QPSK	18700	100RB#0	5.79	13	PASS
Band2	20MHz	QPSK	18900	100RB#0	6.20	13	PASS
Band2	20MHz	QPSK	19100	100RB#0	7.42	13	PASS
Band2	20MHz	16QAM	18700	100RB#0	8.10	13	PASS
Band2	20MHz	16QAM	18900	100RB#0	6.50	13	PASS
Band2	20MHz	16QAM	19100	100RB#0	7.40	13	PASS

Test Graphs

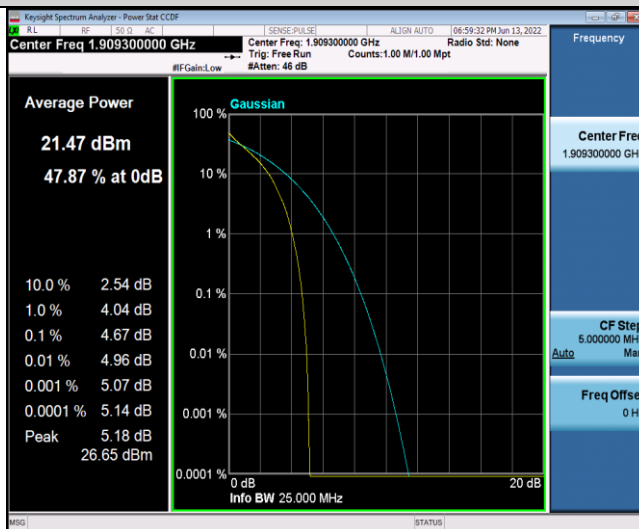
Band2-1.4MHz-QPSK-18607-25RB#0



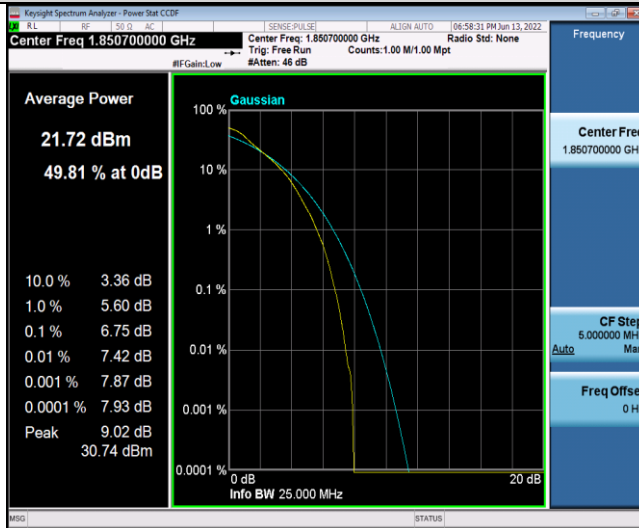
Band2-1.4MHz-QPSK-18900-25RB#0



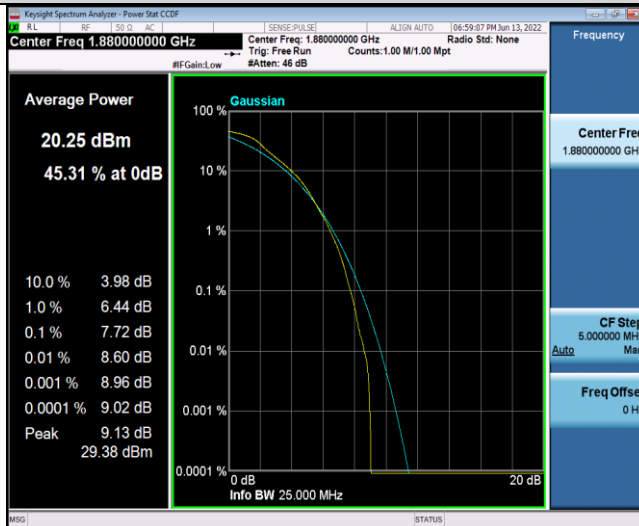
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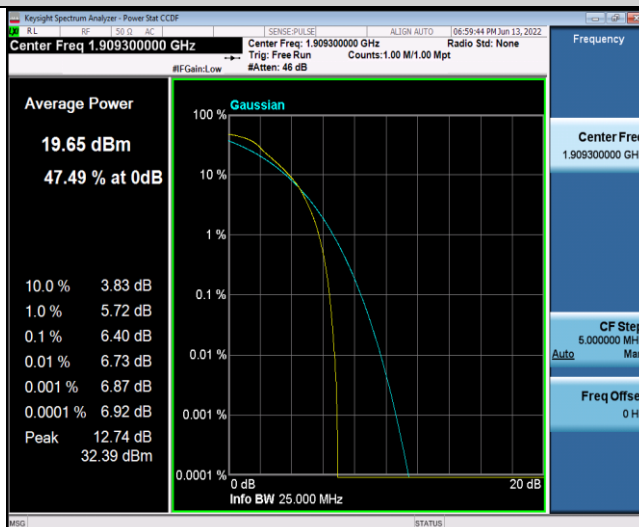
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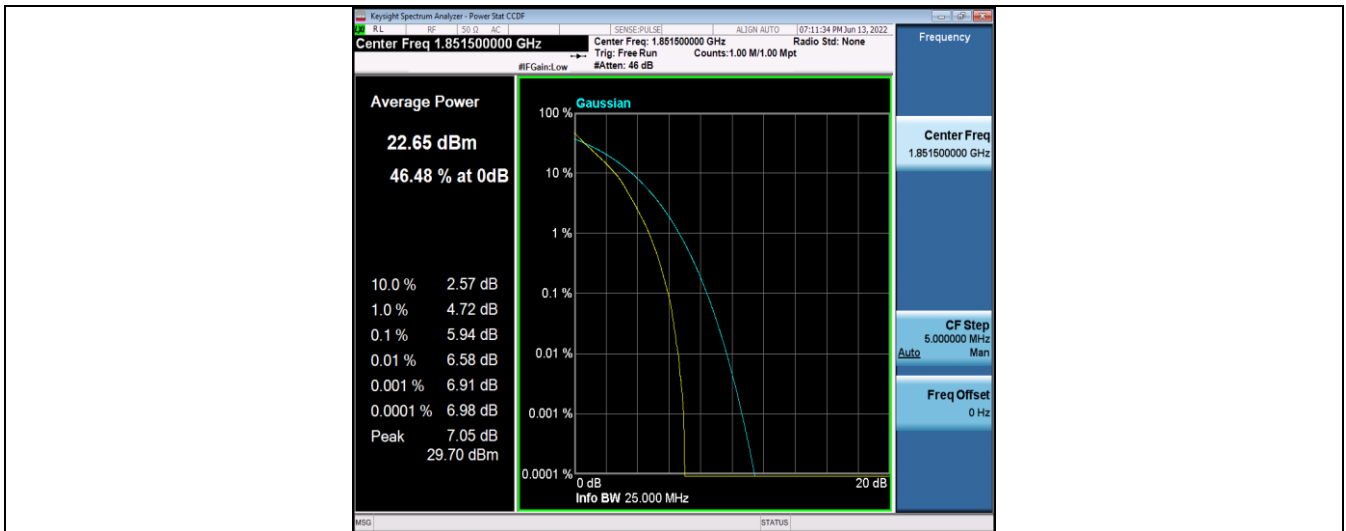
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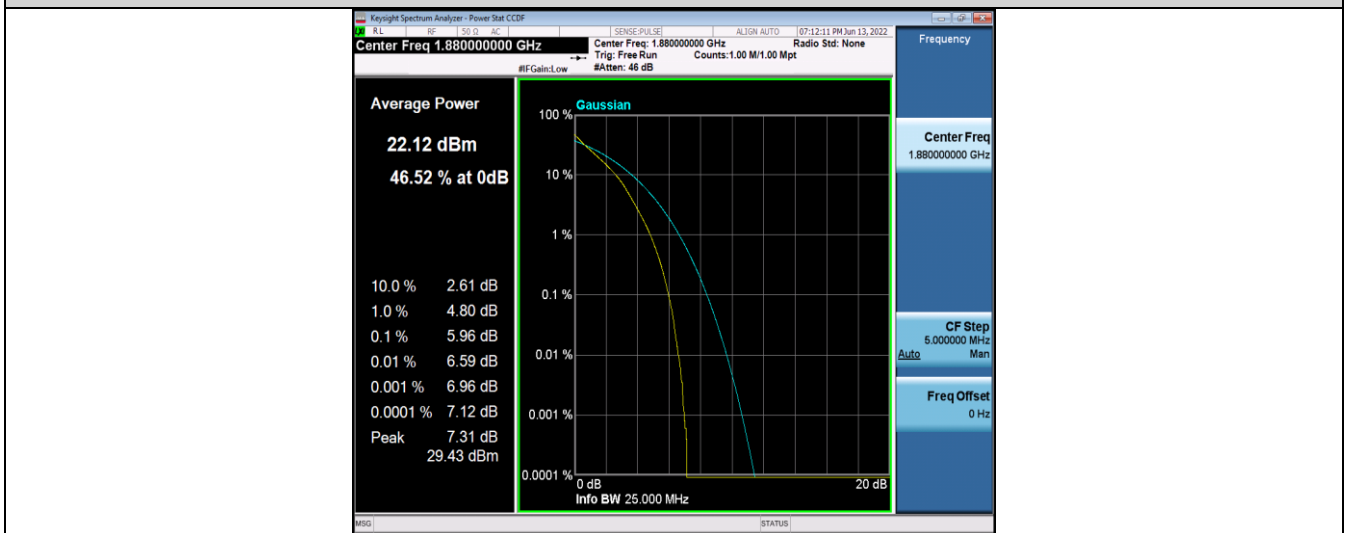
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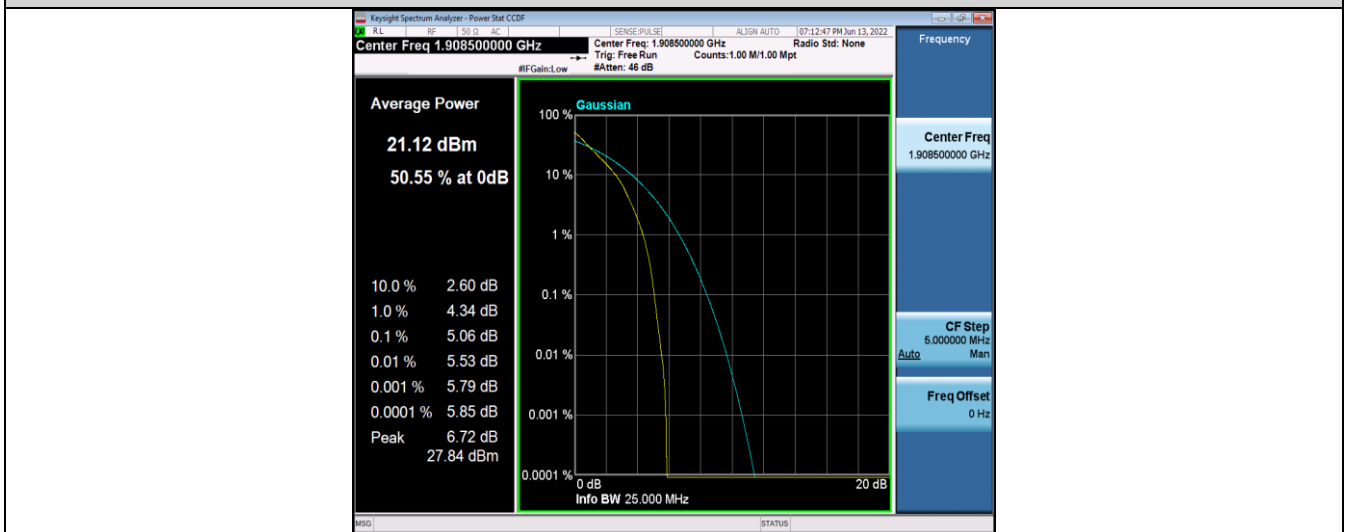
Band2-3MHz-QPSK-18615-15RB#0



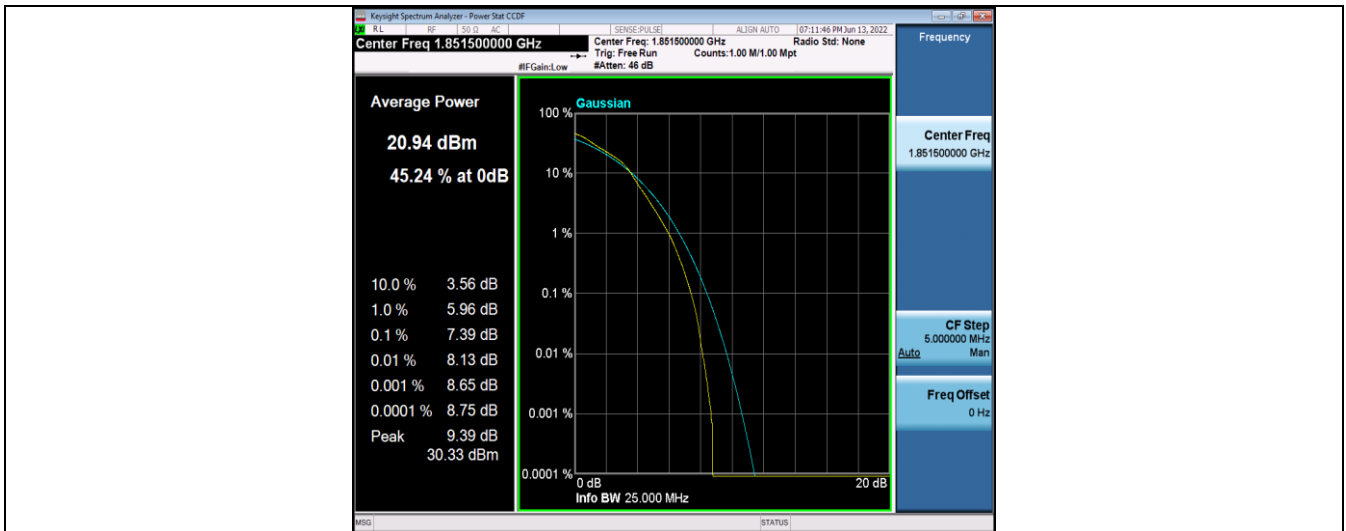
Band2-3MHz-QPSK-18900-15RB#0



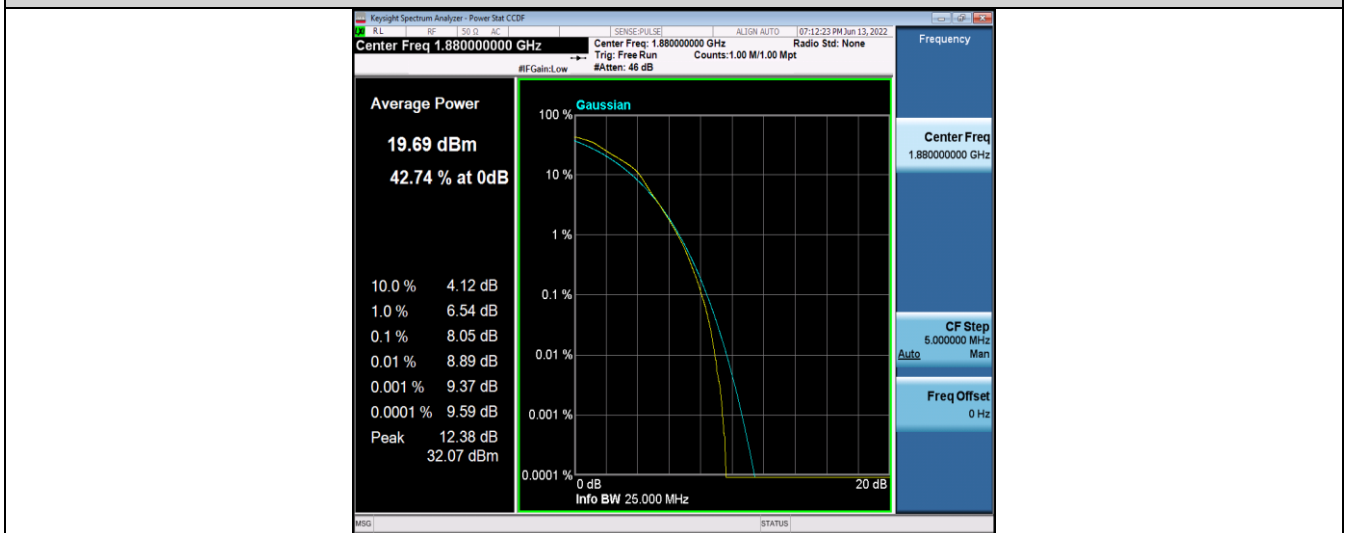
Band2-3MHz-QPSK-19185-15RB#0



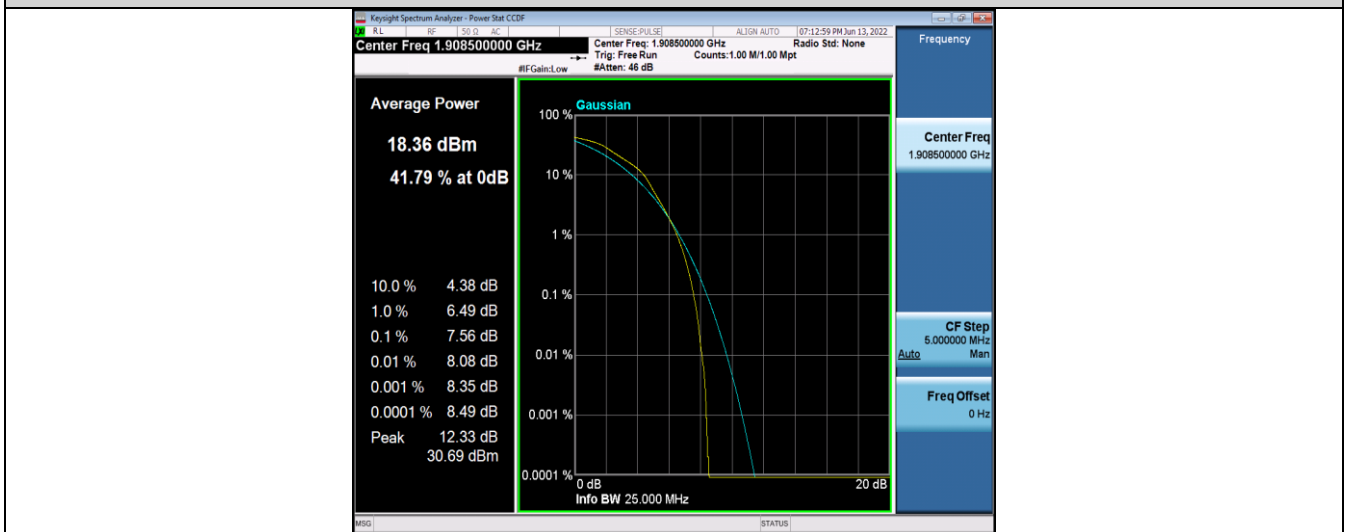
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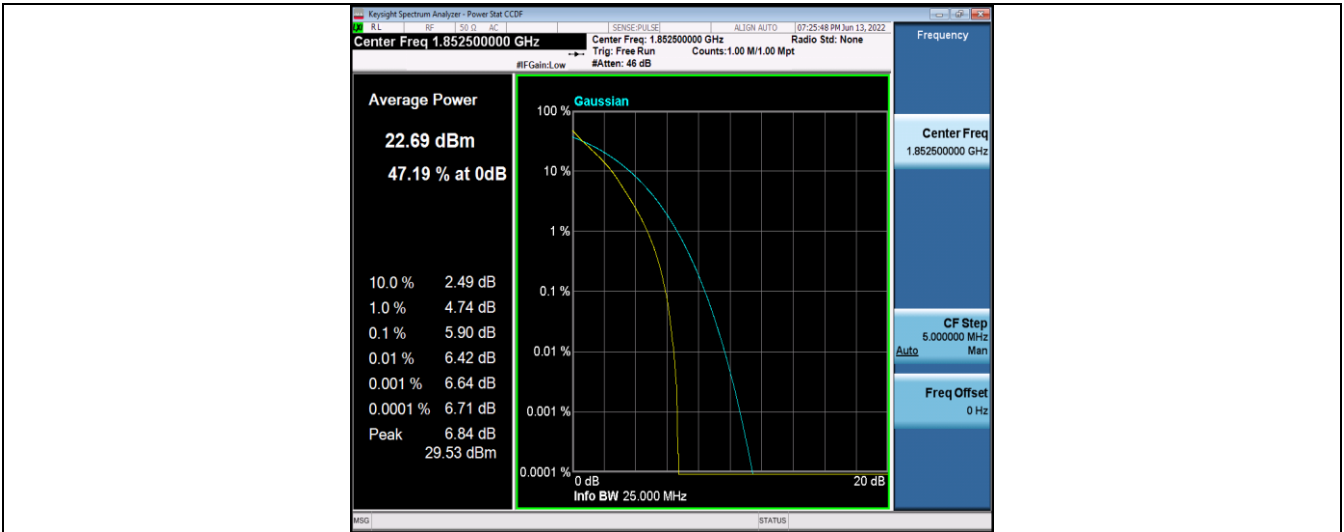
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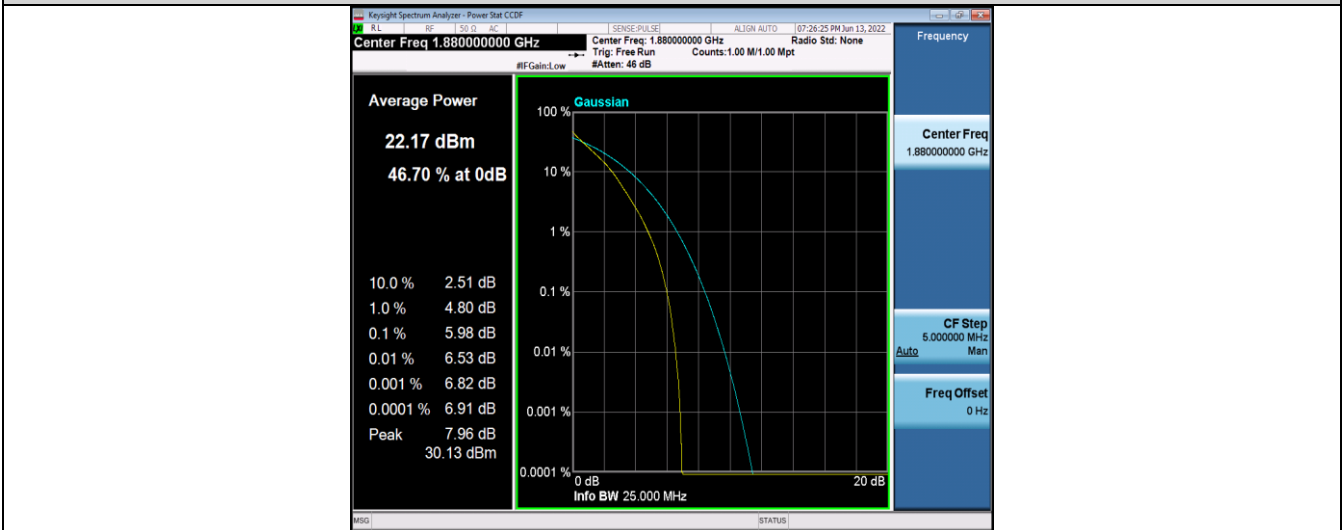
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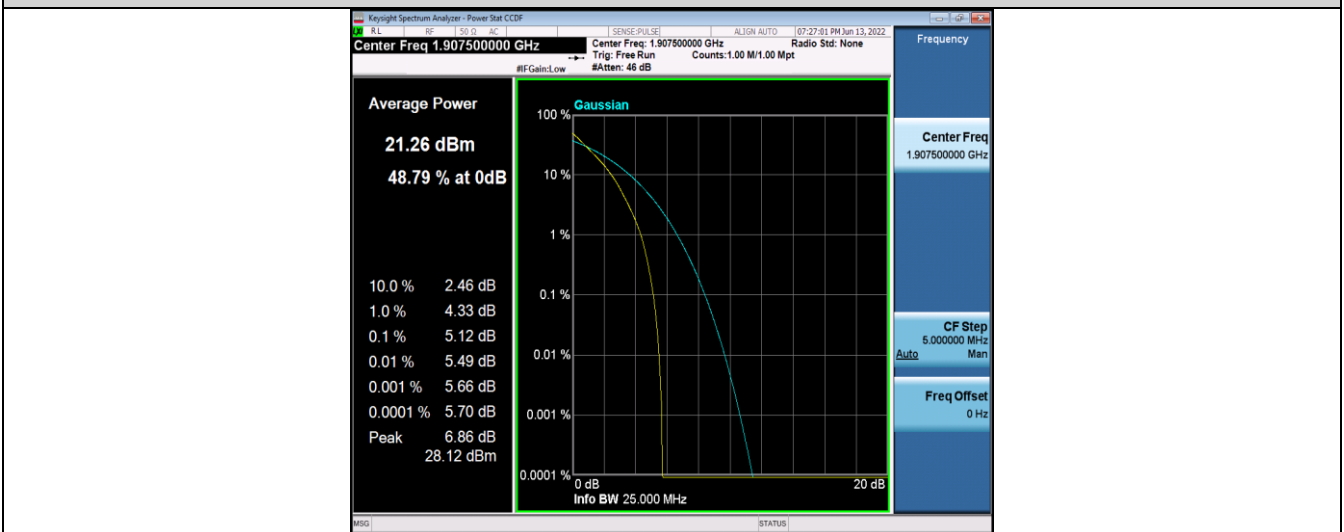
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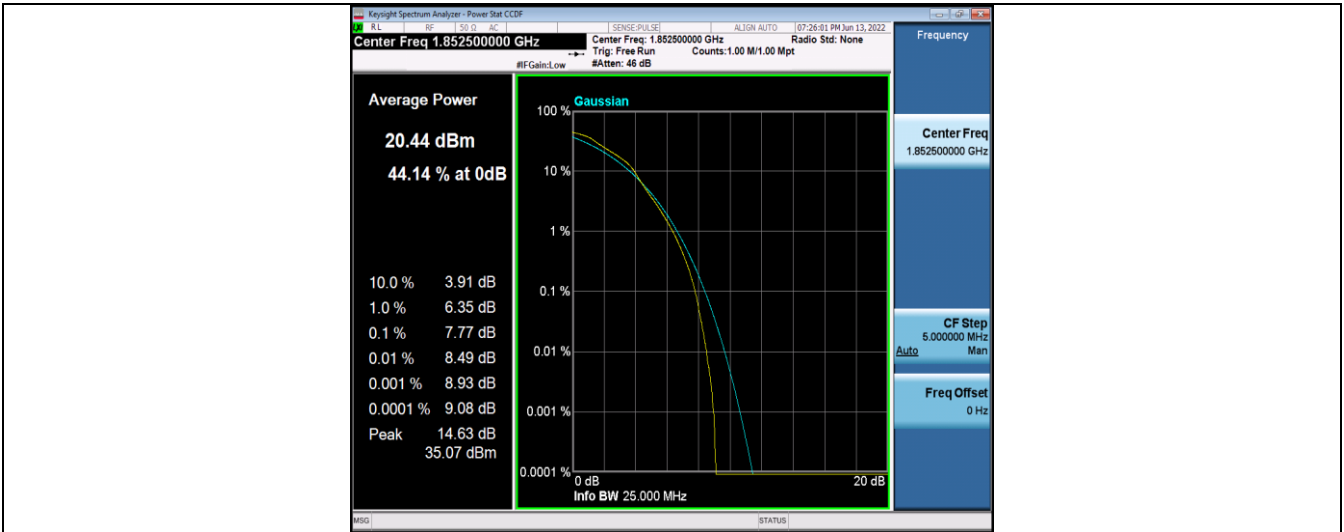
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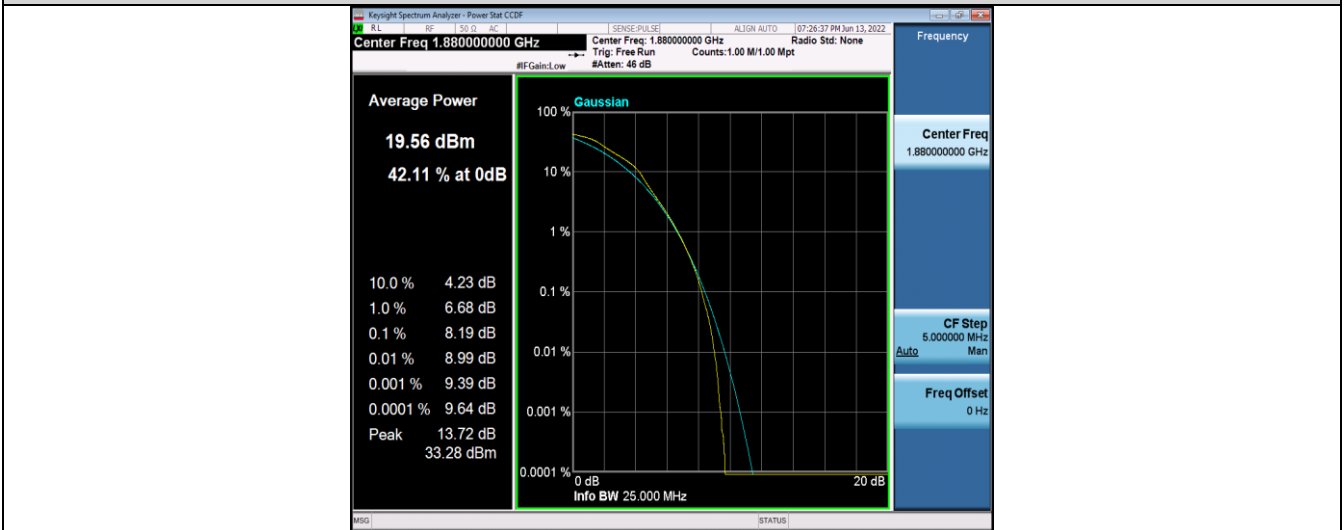
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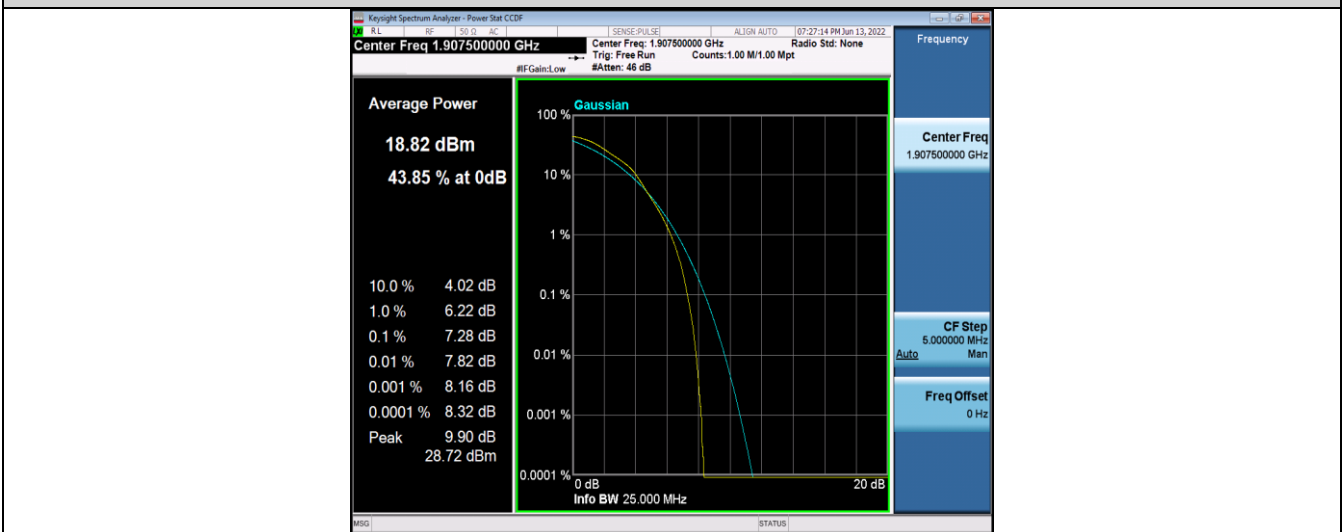
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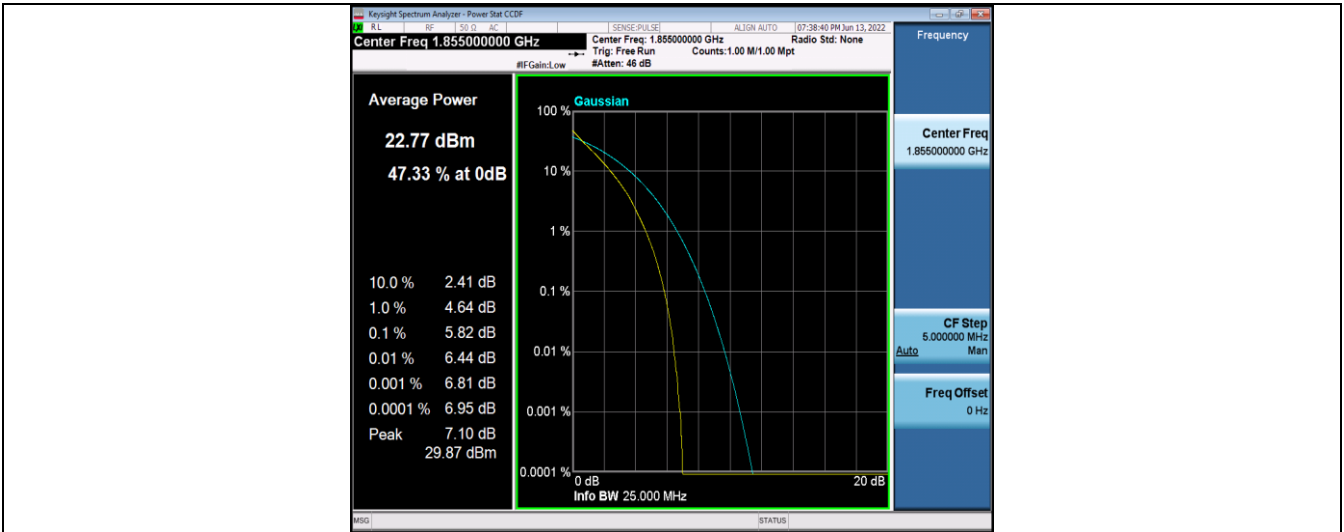
Band2-5MHz-16QAM-18900-25RB#0



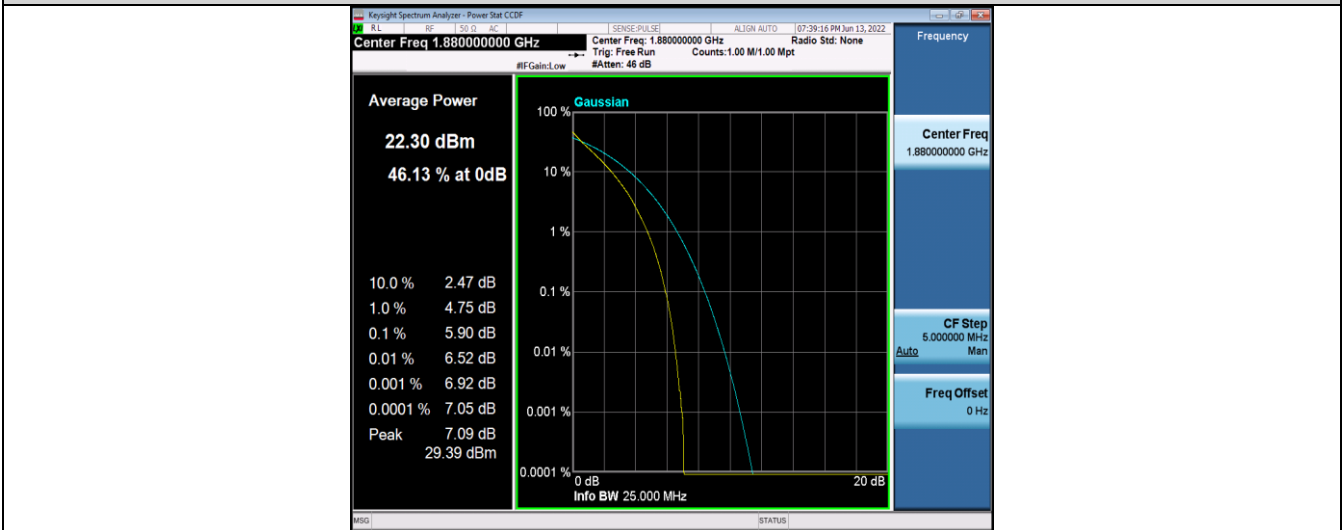
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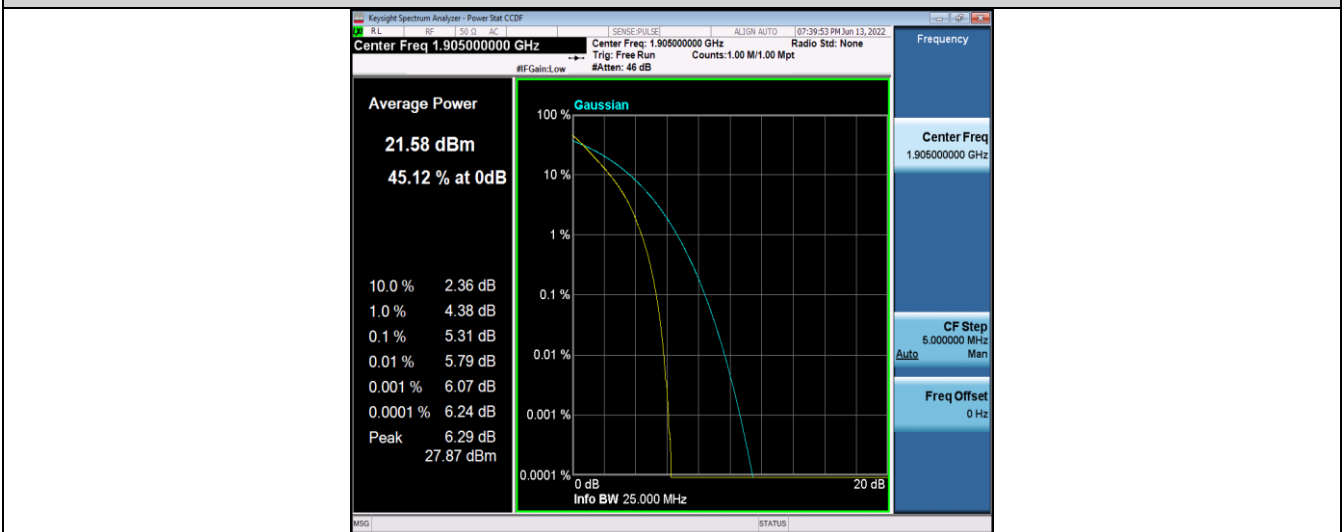
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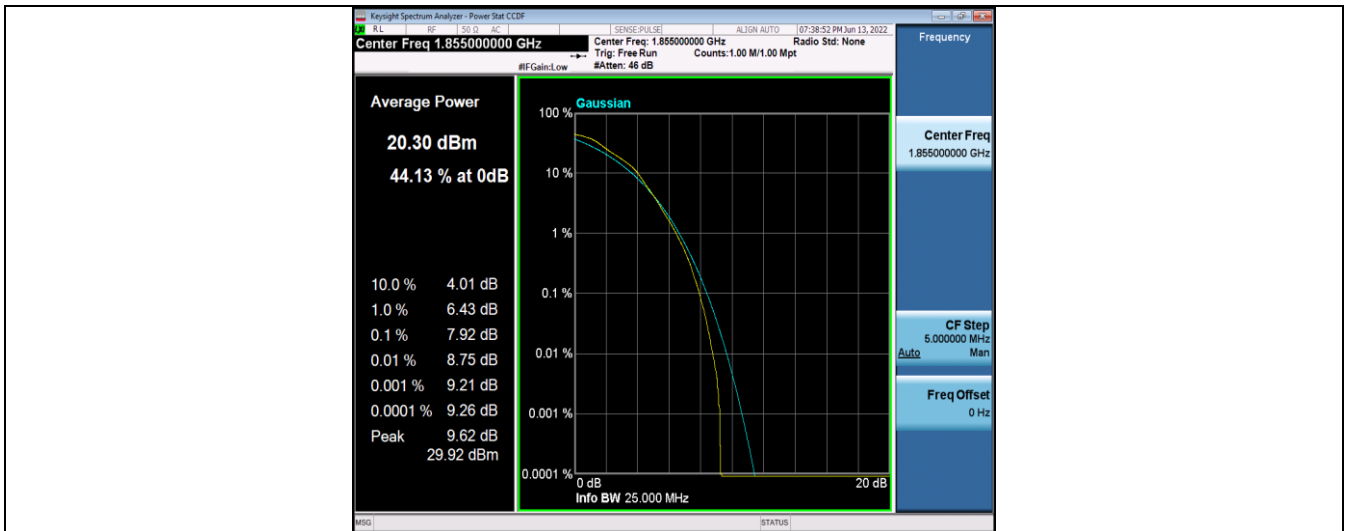
Band2-10MHz-QPSK-18900-50RB#0



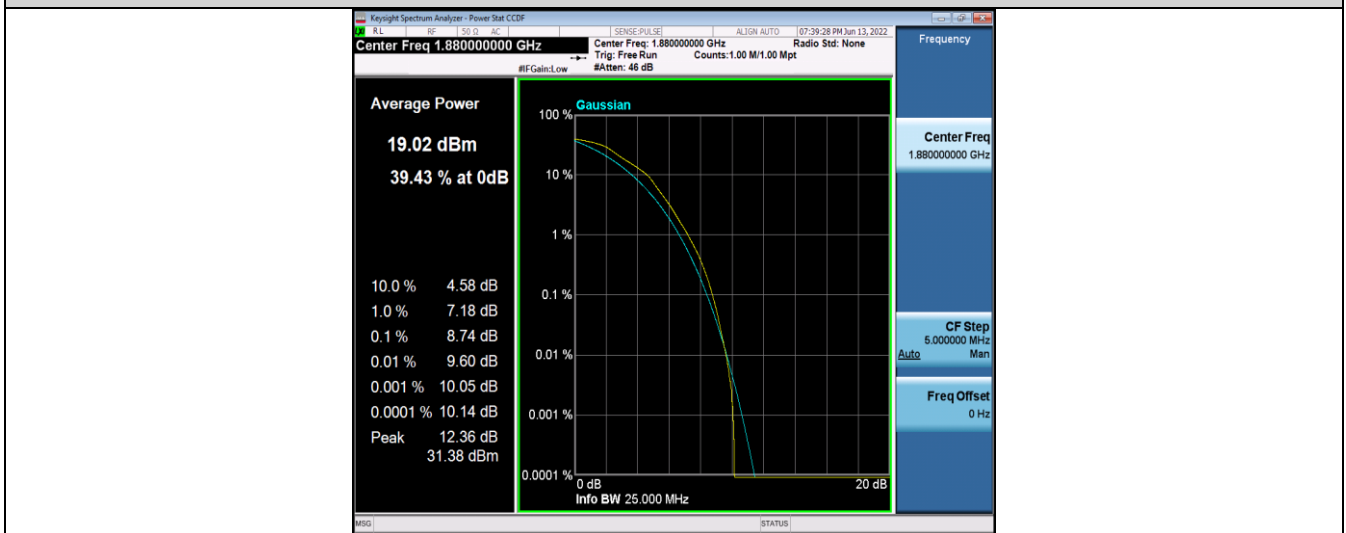
Band2-10MHz-QPSK-19150-50RB#0



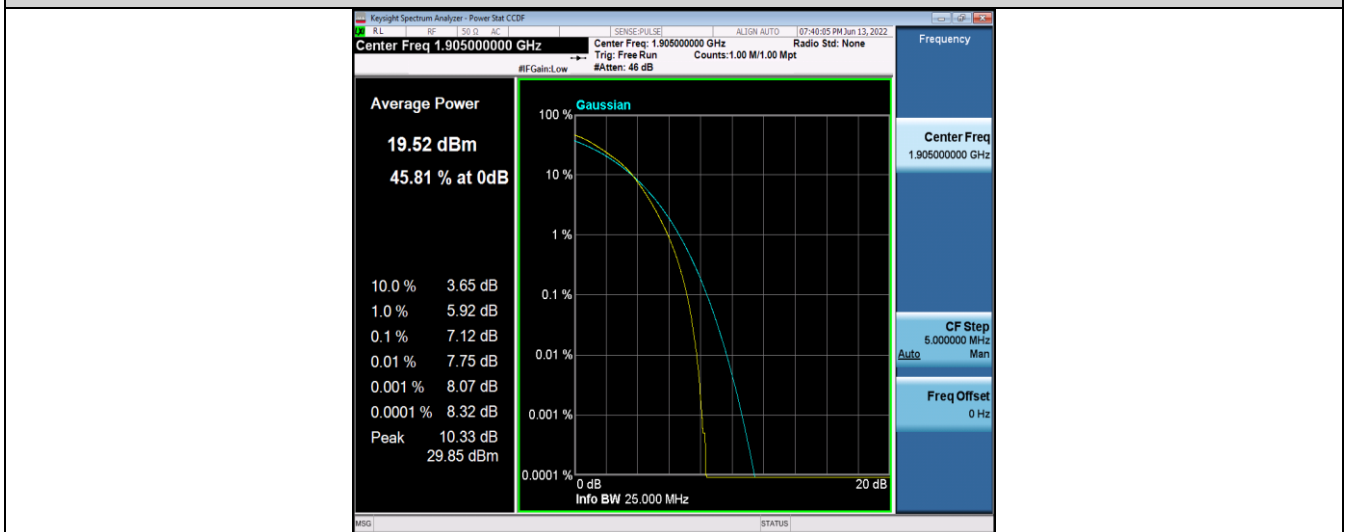
Band2-10MHz-16QAM-18650-50RB#0



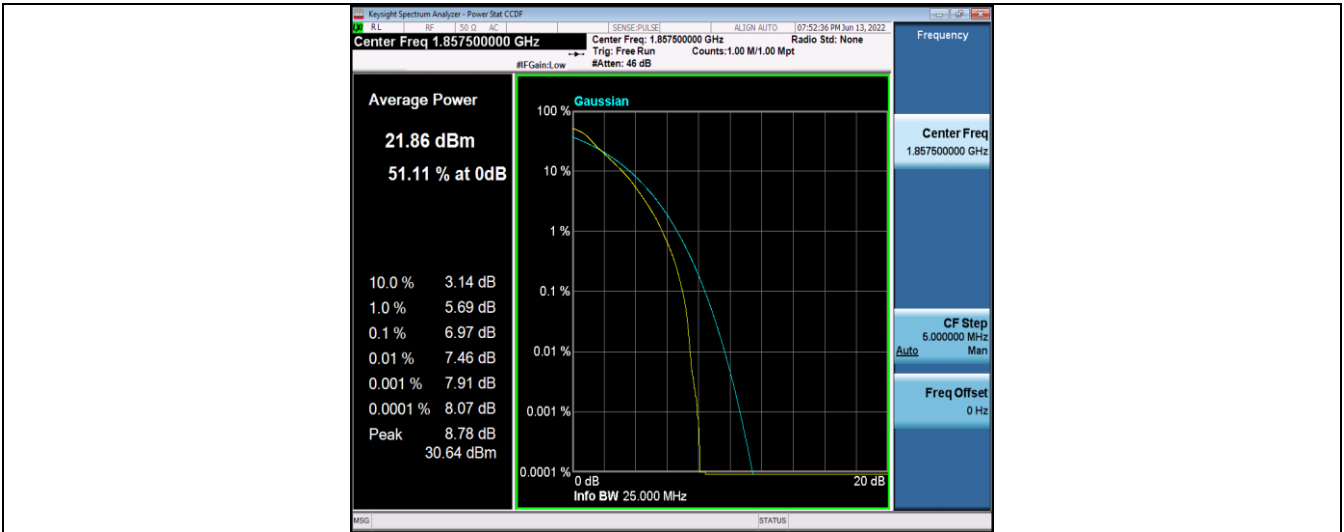
Band2-10MHz-16QAM-18900-50RB#0



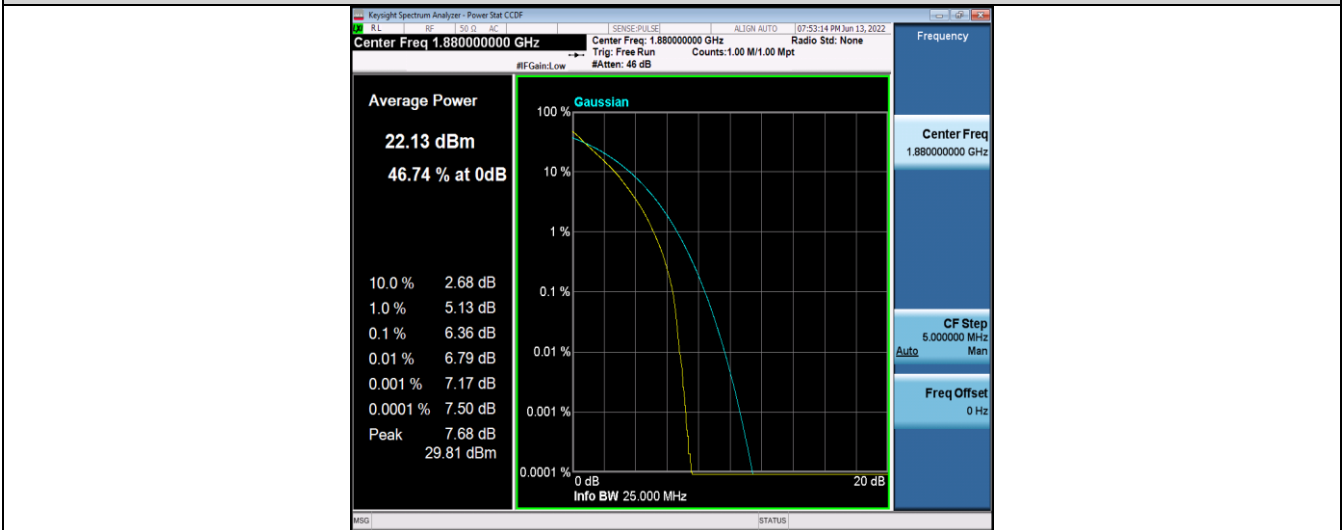
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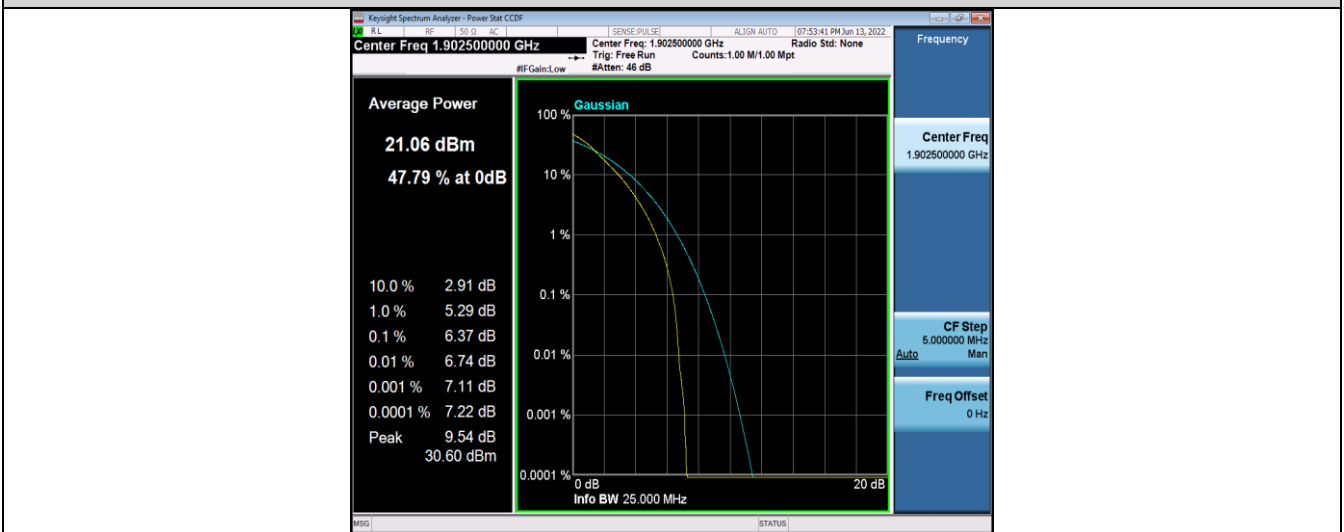
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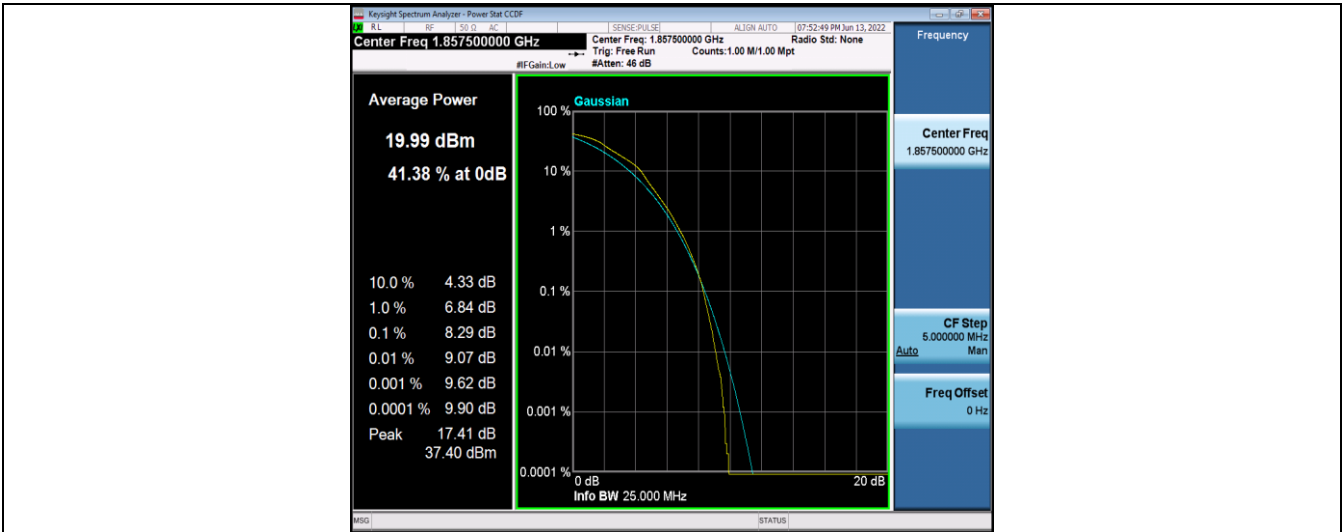
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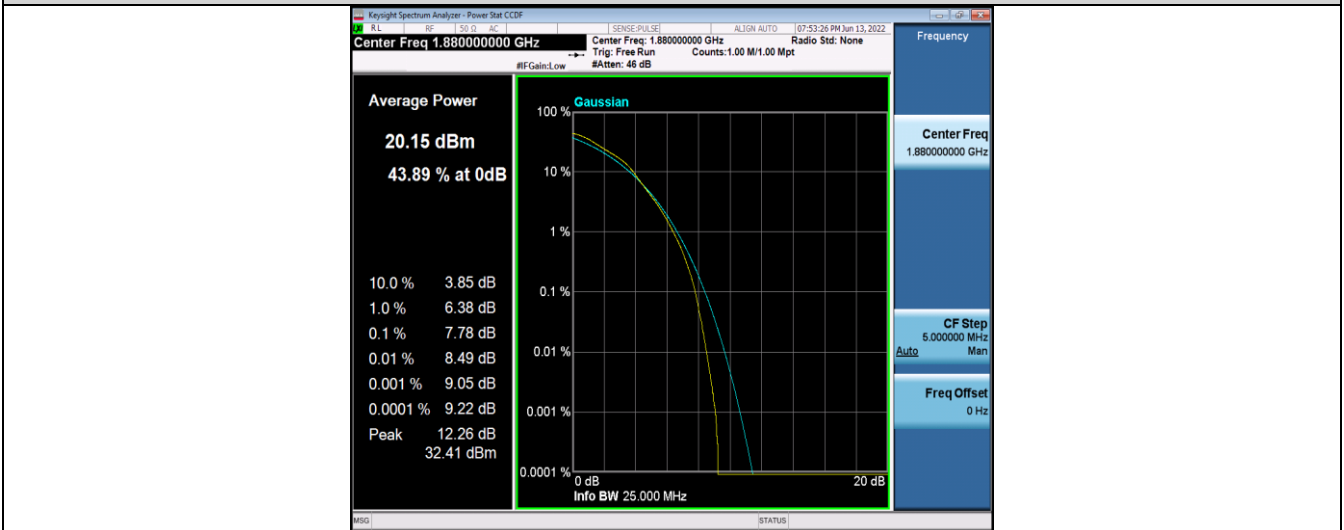
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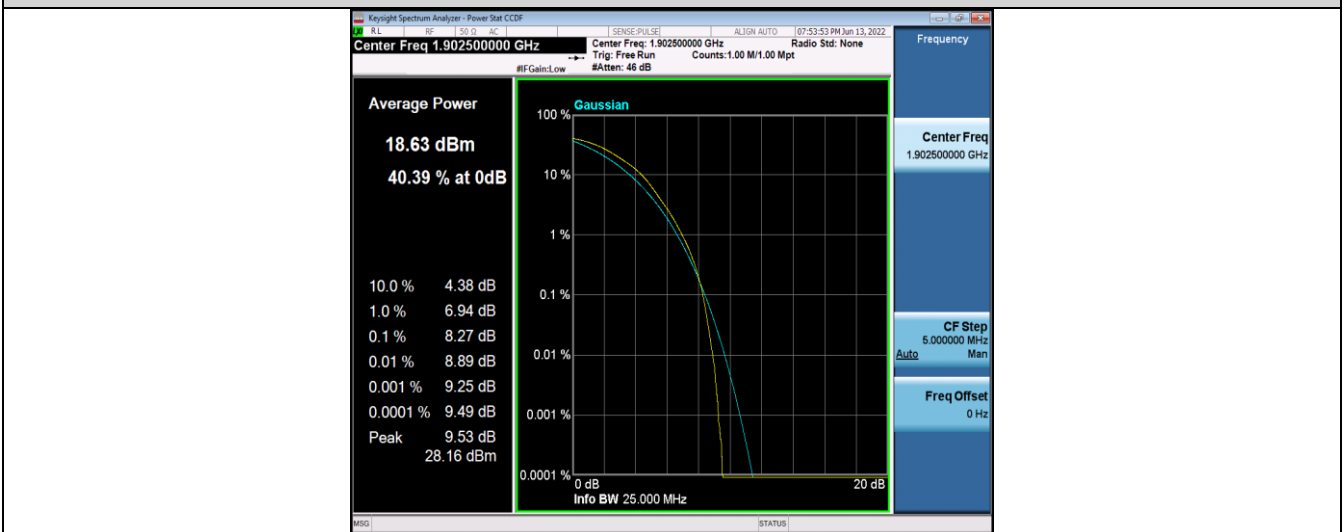
Band2-15MHz-16QAM-18675-75RB#0



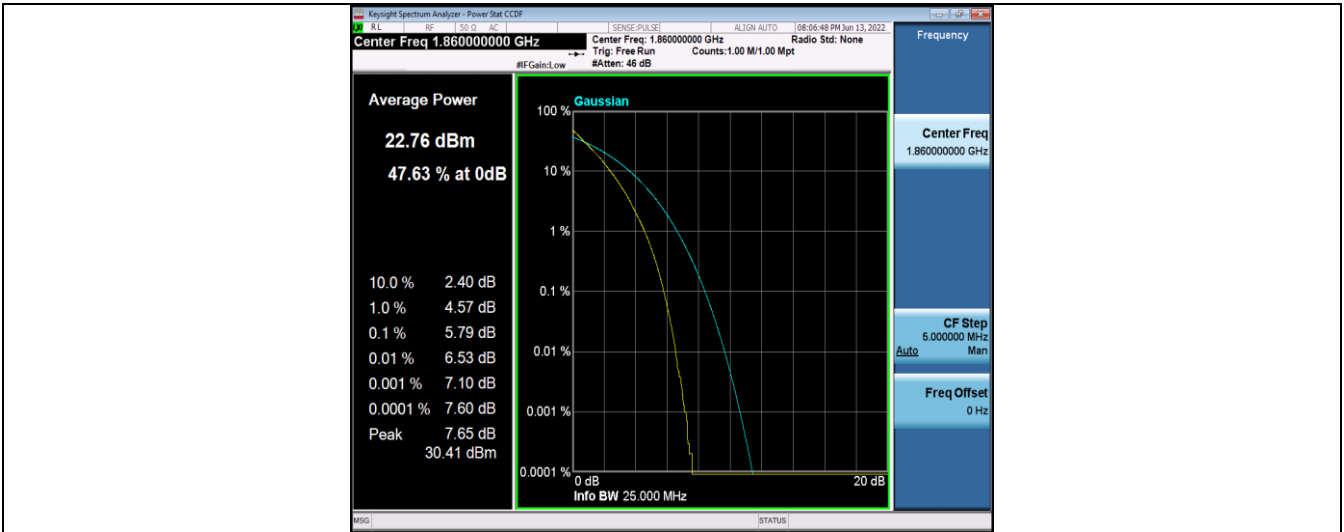
Band2-15MHz-16QAM-18900-75RB#0



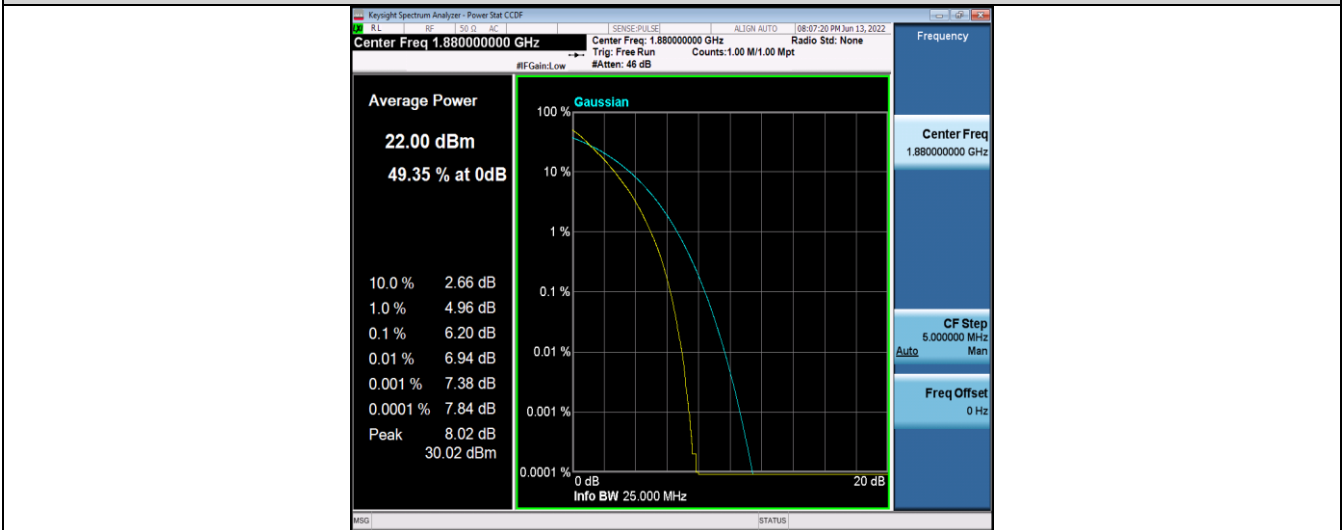
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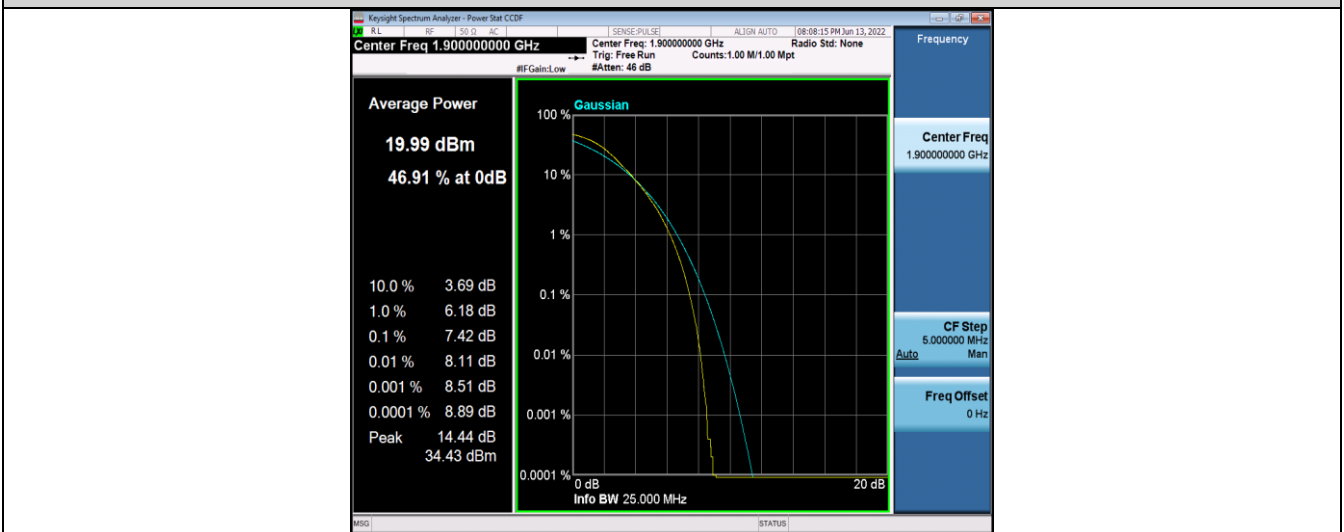
Band2-20MHz-QPSK-18700-100RB#0



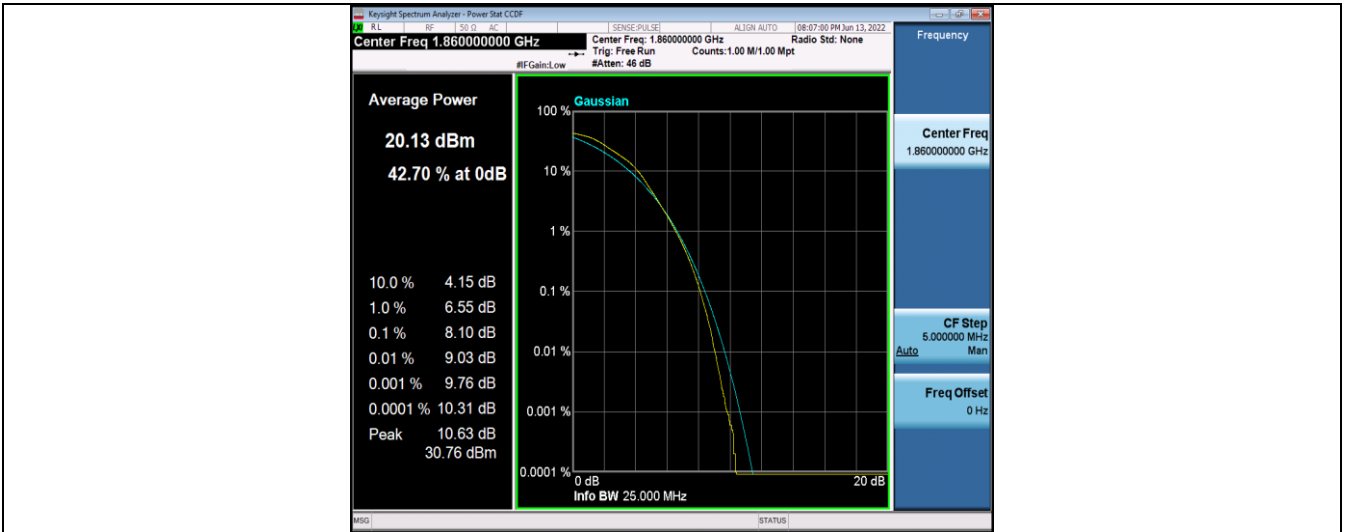
Band2-20MHz-QPSK-18900-100RB#0



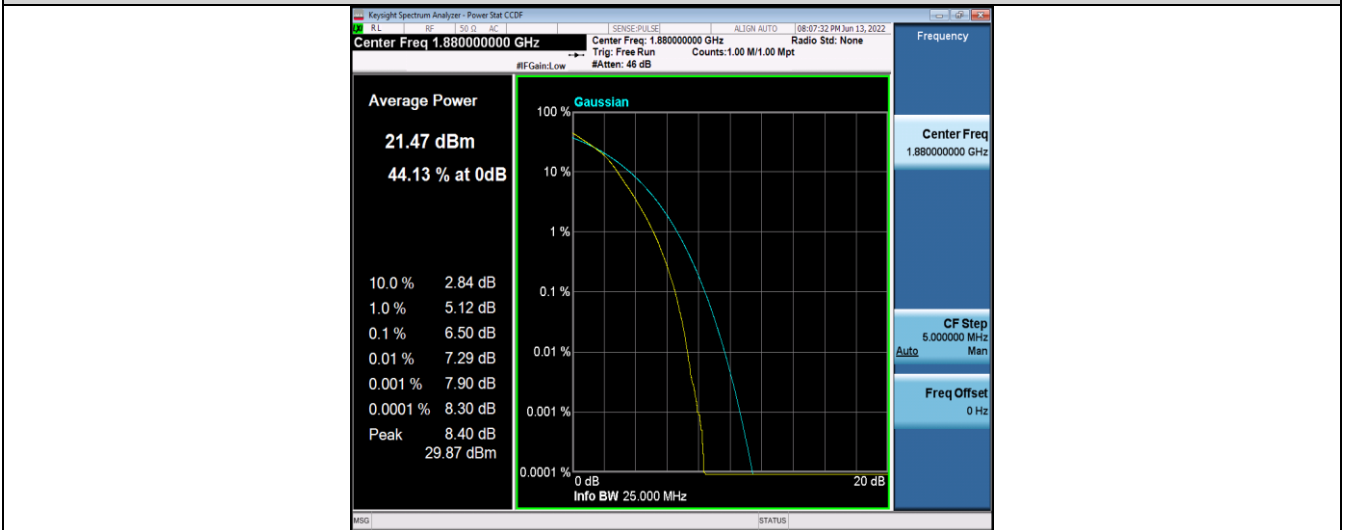
Band2-20MHz-QPSK-19100-100RB#0



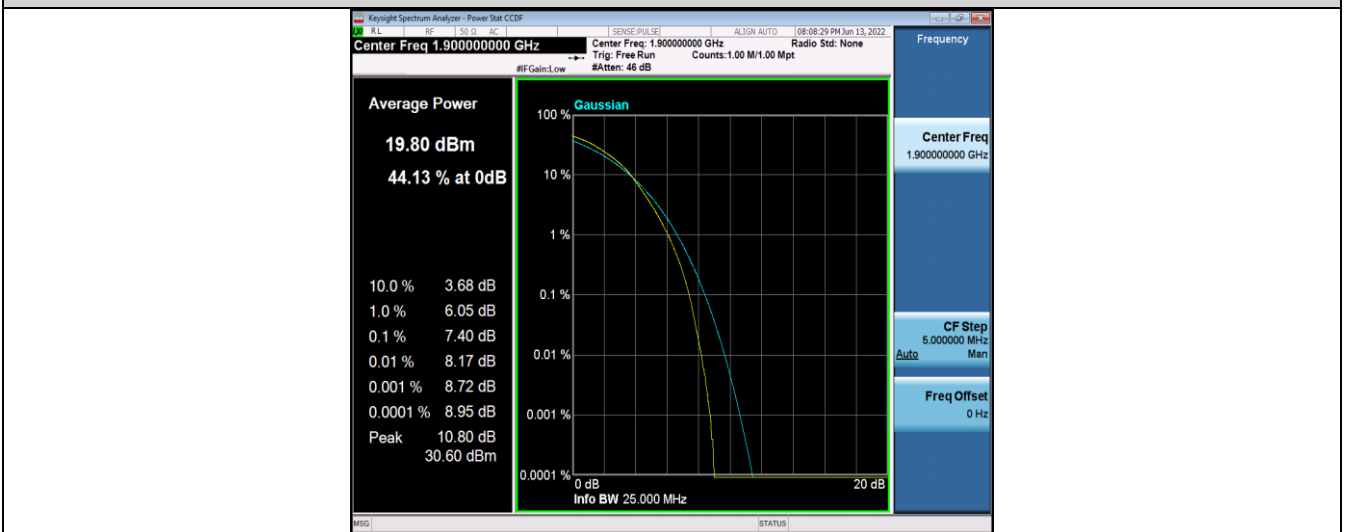
Band2-20MHz-16QAM-18700-100RB#0



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



Band2-20MHz-16QAM-19100-100RB#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	25RB#0	1.0939	1.294	PASS
Band2	1.4MHz	QPSK	18900	25RB#0	1.0922	1.279	PASS
Band2	1.4MHz	QPSK	19193	25RB#0	1.0972	1.288	PASS
Band2	1.4MHz	16QAM	18607	25RB#0	1.0840	1.288	PASS
Band2	1.4MHz	16QAM	18900	25RB#0	1.0875	1.291	PASS
Band2	1.4MHz	16QAM	19193	25RB#0	1.0982	1.292	PASS
Band2	3MHz	QPSK	18615	15RB#0	2.6845	2.909	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.6877	2.890	PASS
Band2	3MHz	QPSK	19185	15RB#0	2.6882	2.900	PASS
Band2	3MHz	16QAM	18615	15RB#0	2.6820	2.915	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.6854	2.898	PASS
Band2	3MHz	16QAM	19185	15RB#0	2.6811	2.909	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.5073	4.954	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.5007	4.953	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.4866	4.915	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.4857	4.915	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.4861	4.910	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.4999	4.928	PASS
Band2	10MHz	QPSK	18650	50RB#0	8.9907	10.37	PASS
Band2	10MHz	QPSK	18900	50RB#0	9.0104	9.800	PASS
Band2	10MHz	QPSK	19150	50RB#0	8.9968	9.796	PASS
Band2	10MHz	16QAM	18650	50RB#0	8.9936	9.718	PASS
Band2	10MHz	16QAM	18900	50RB#0	8.9887	9.786	PASS
Band2	10MHz	16QAM	19150	50RB#0	8.9809	9.747	PASS
Band2	15MHz	QPSK	18675	75RB#0	13.452	14.75	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.525	14.64	PASS
Band2	15MHz	QPSK	19125	75RB#0	13.534	14.71	PASS
Band2	15MHz	16QAM	18675	75RB#0	13.462	14.55	PASS
Band2	15MHz	16QAM	18900	75RB#0	13.509	14.69	PASS
Band2	15MHz	16QAM	19125	75RB#0	13.535	14.66	PASS

Band2	20MHz	QPSK	18700	100RB#0	17.902	19.22	PASS
Band2	20MHz	QPSK	18900	100RB#0	17.995	19.33	PASS
Band2	20MHz	QPSK	19100	100RB#0	18.071	21.67	PASS
Band2	20MHz	16QAM	18700	100RB#0	17.919	19.34	PASS
Band2	20MHz	16QAM	18900	100RB#0	17.961	19.47	PASS
Band2	20MHz	16QAM	19100	100RB#0	18.071	19.74	PASS

Test Graphs

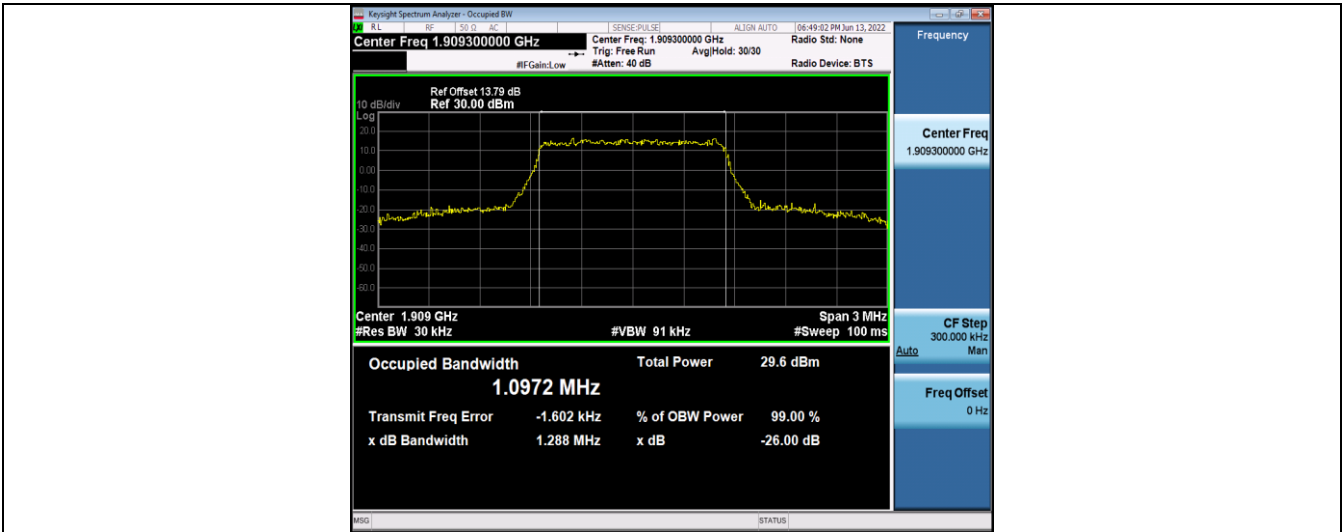
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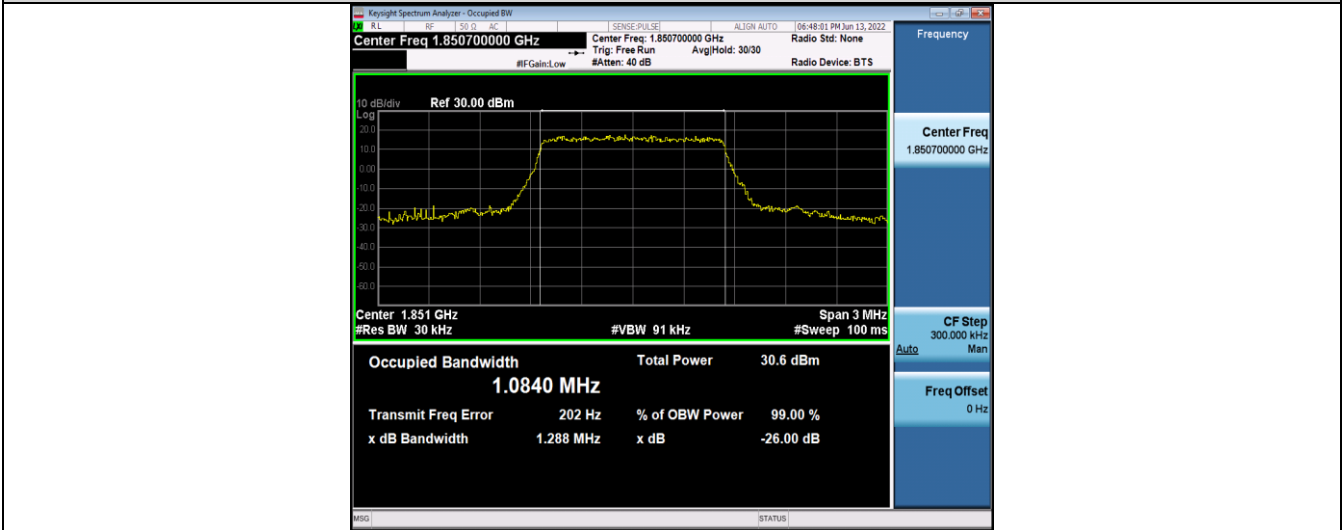
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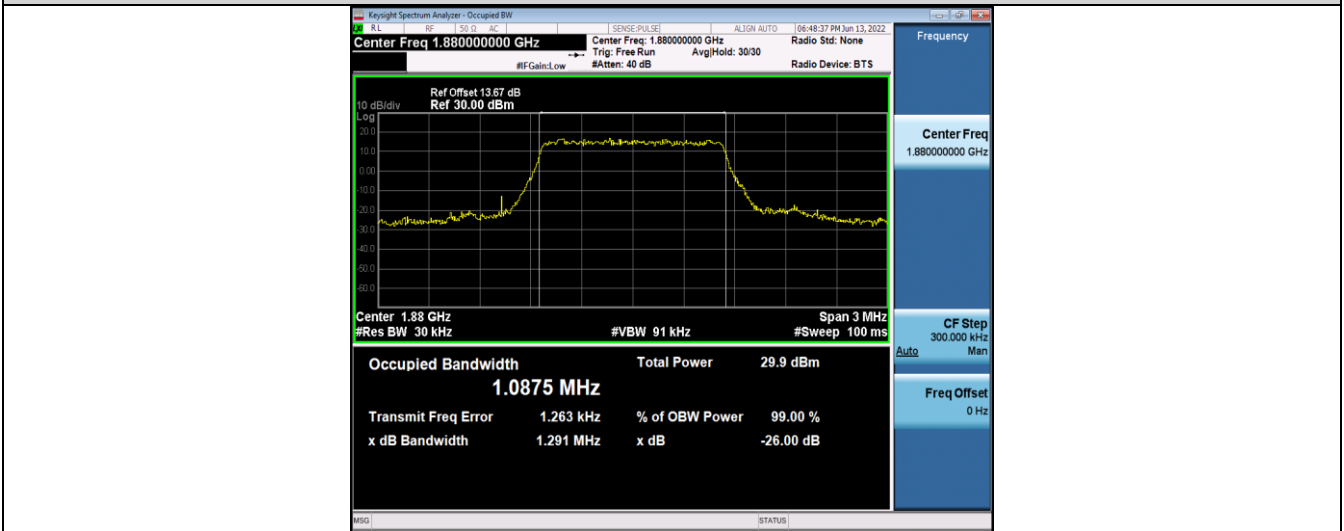
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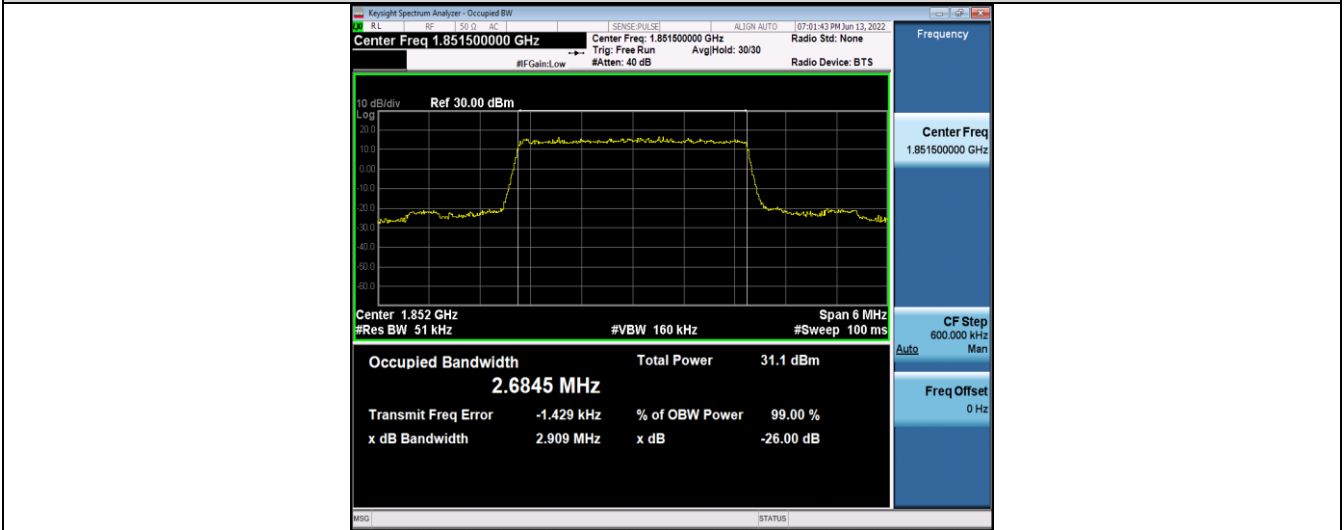
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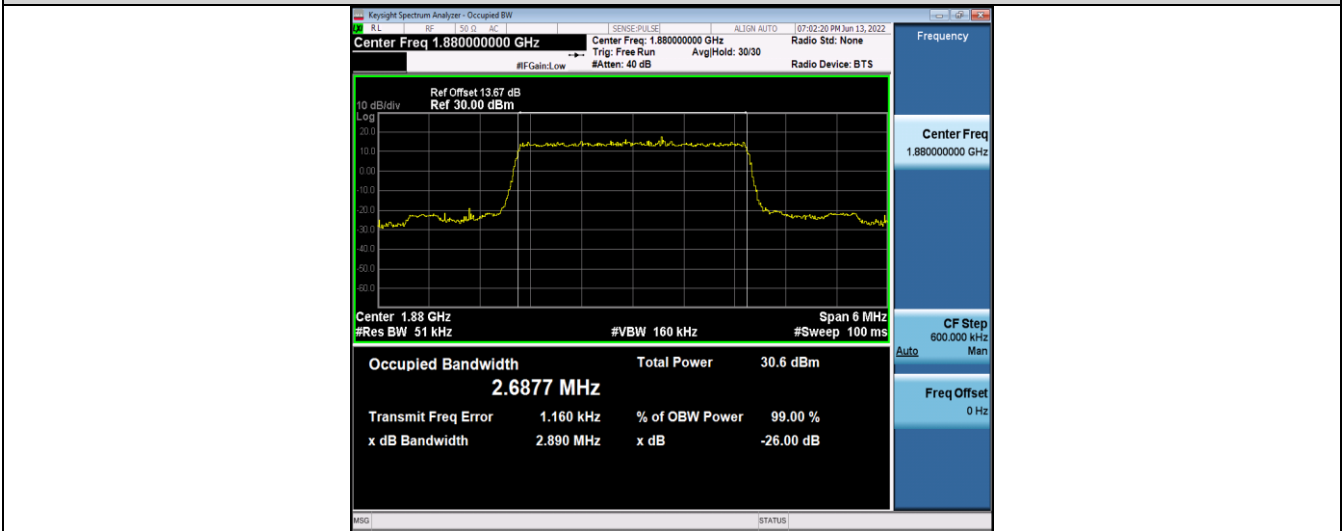
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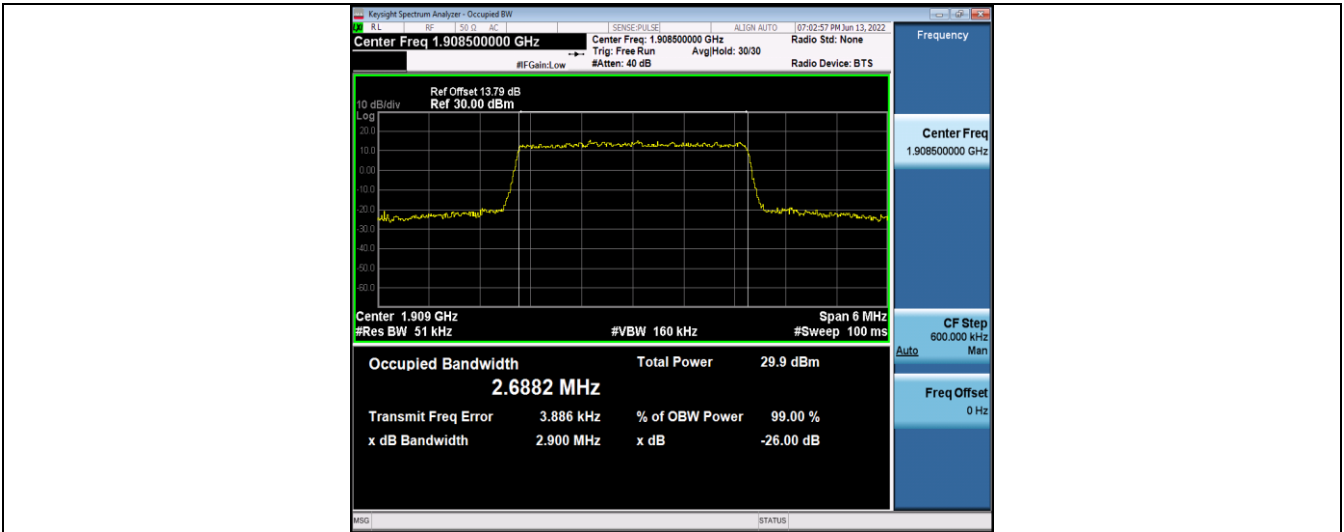
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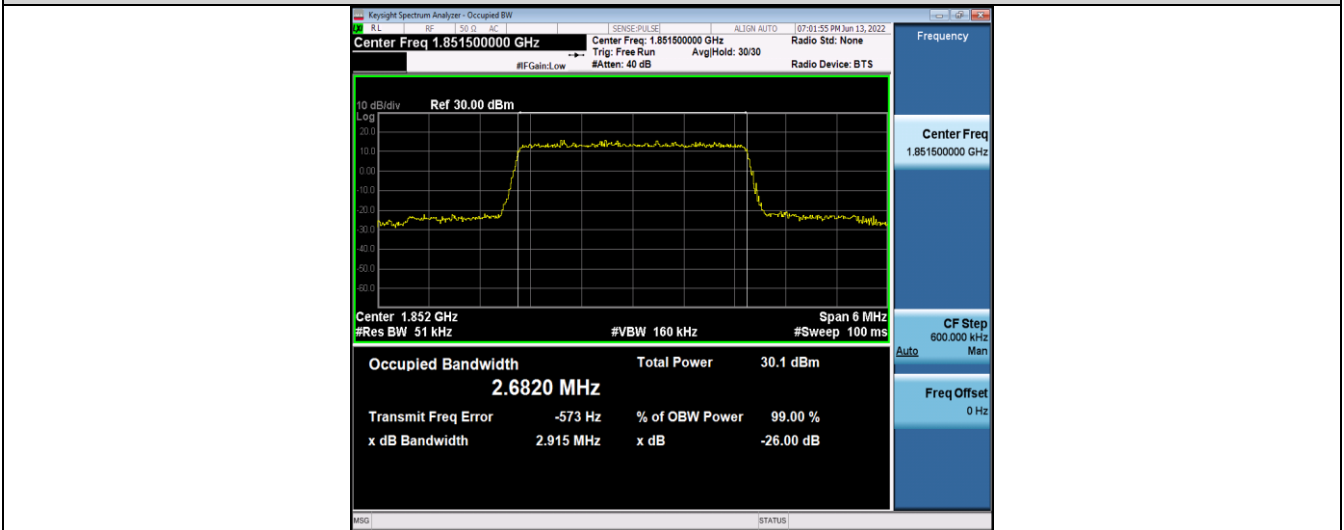
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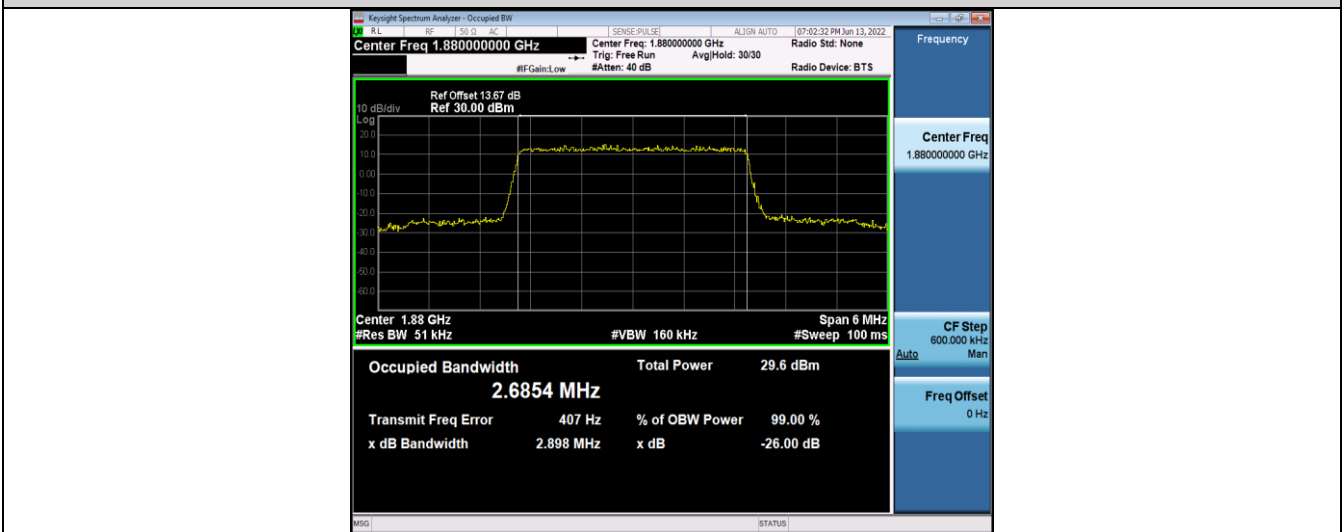
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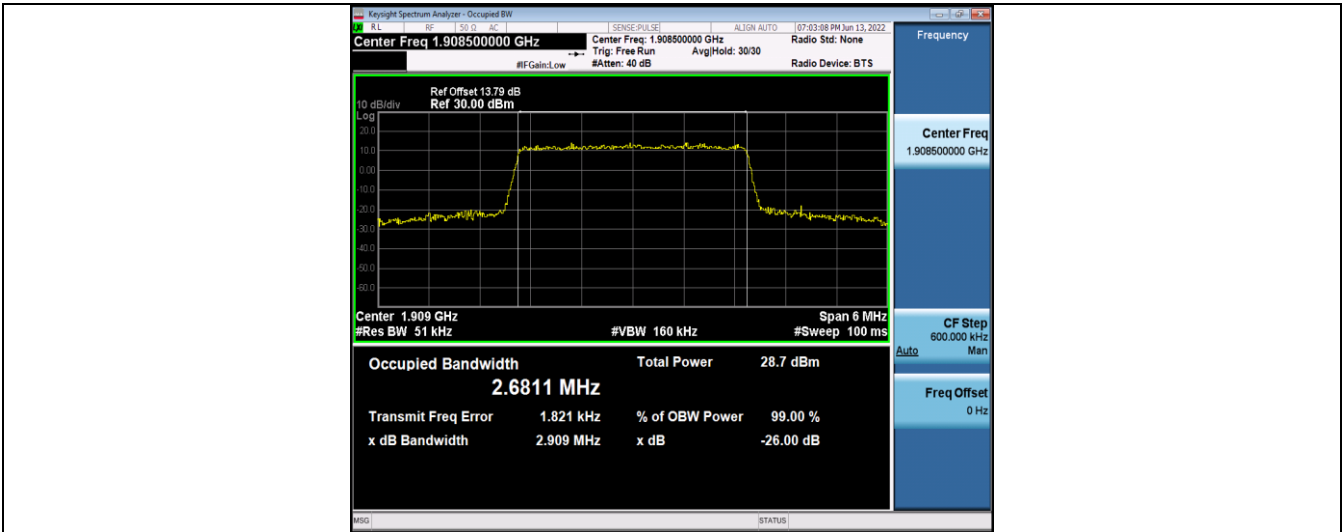
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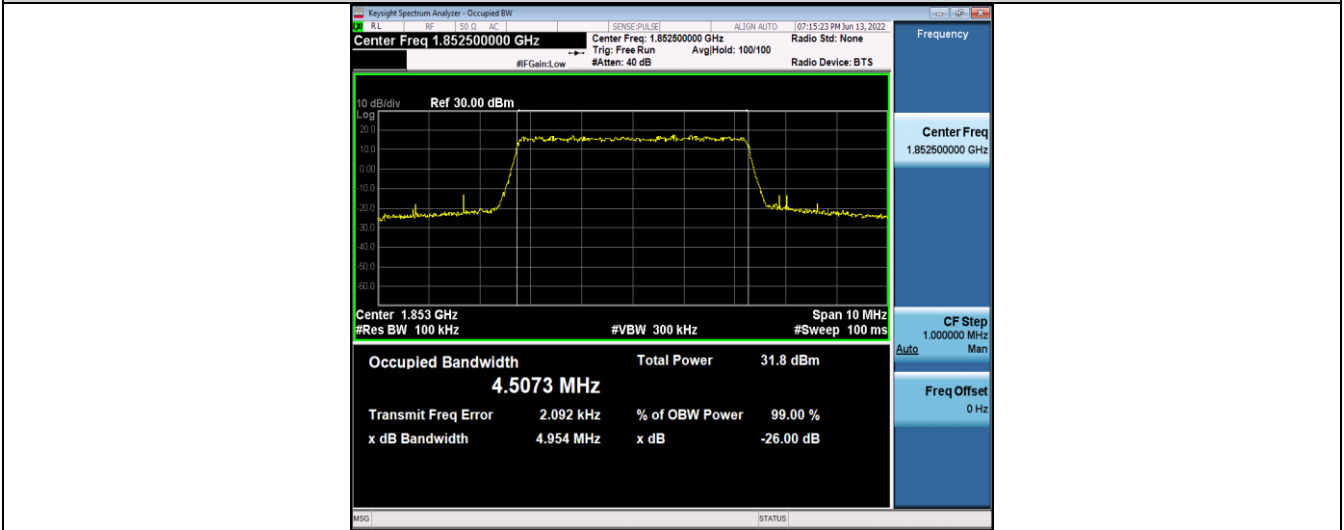
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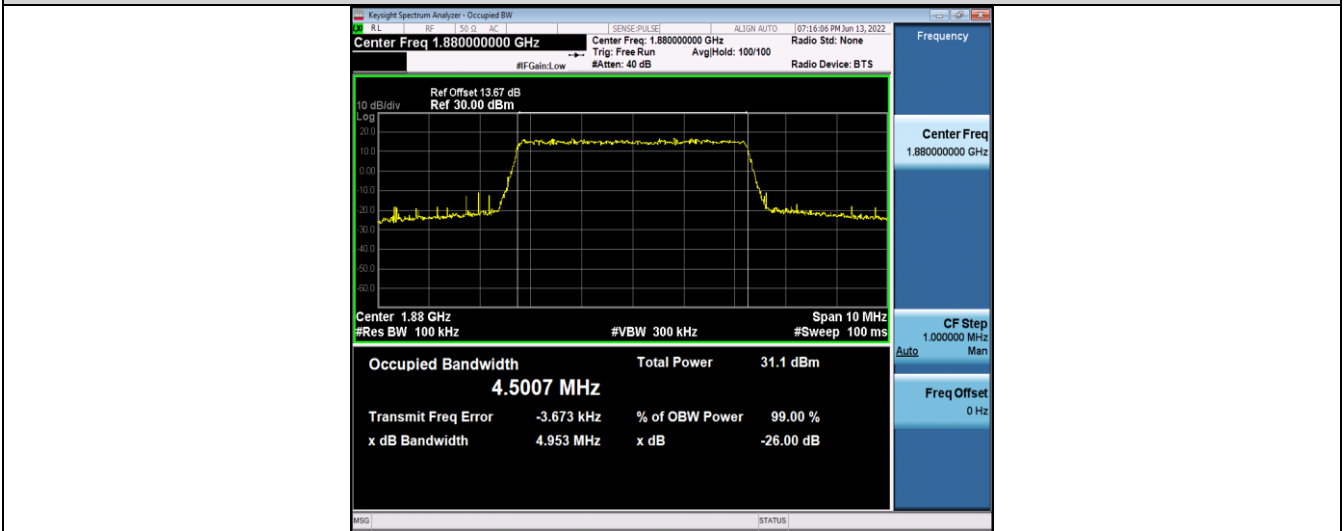
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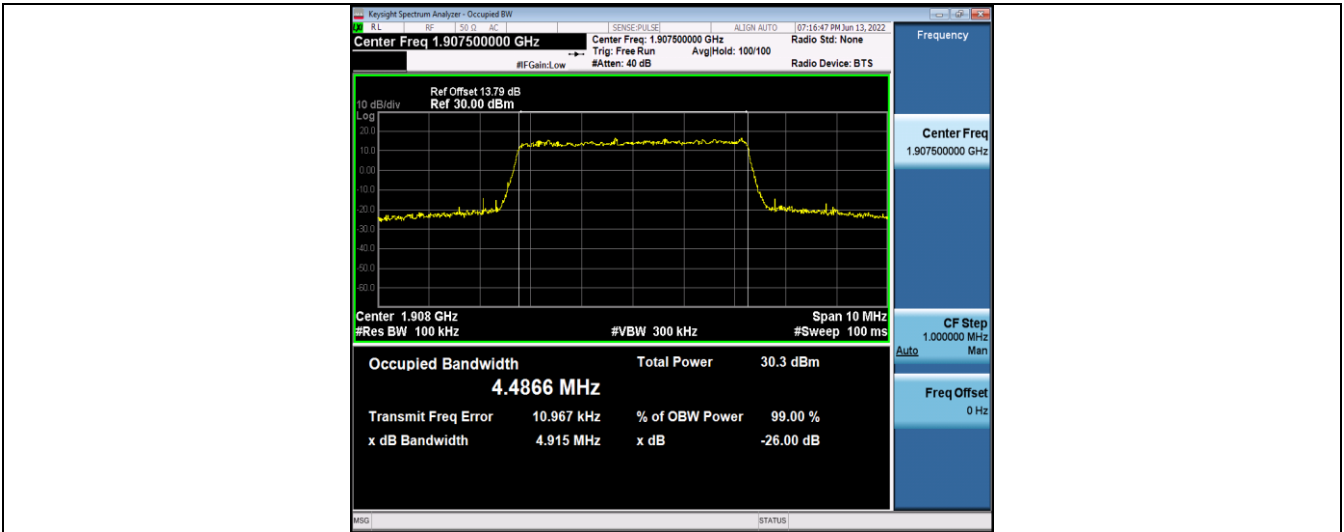
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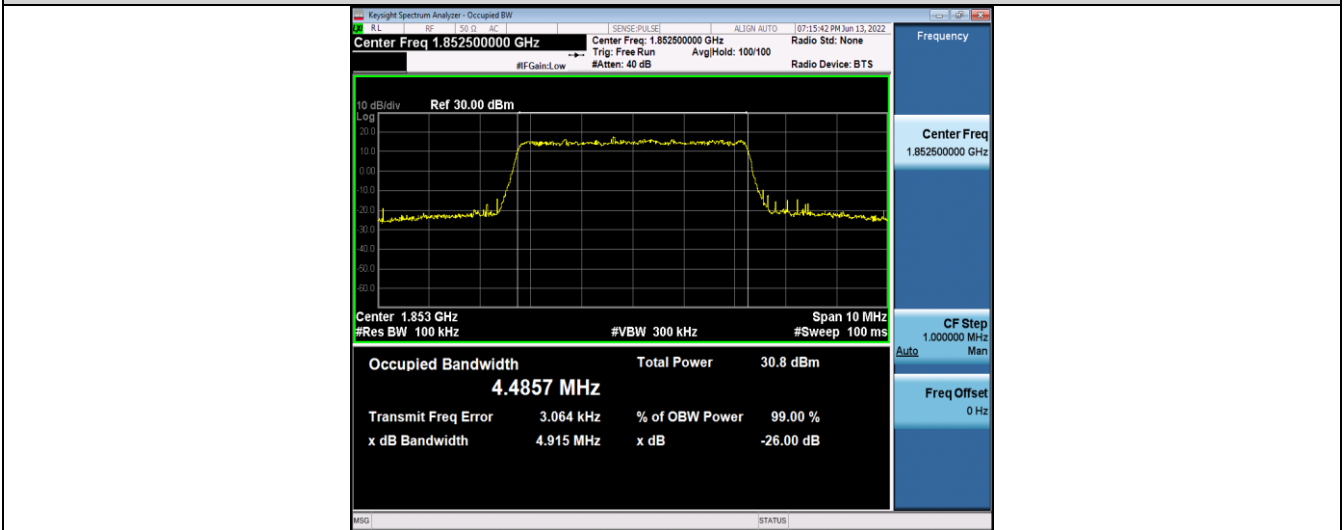
Band2-5MHz-QPSK-18900-25RB#0



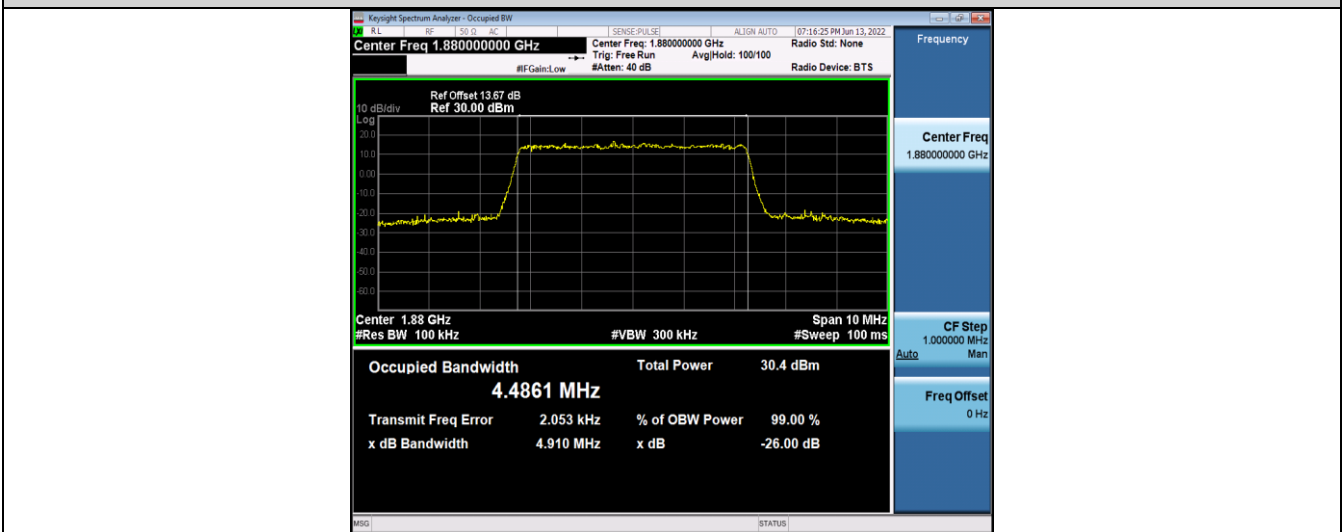
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Band2-5MHz-16QAM-18625-25RB#0



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



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