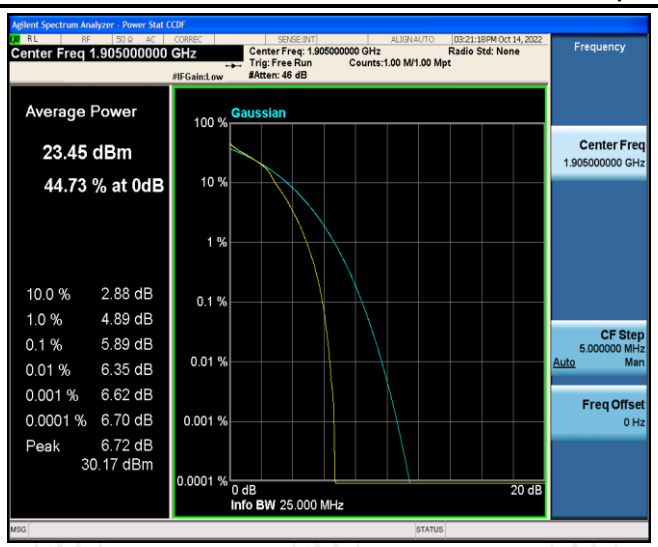
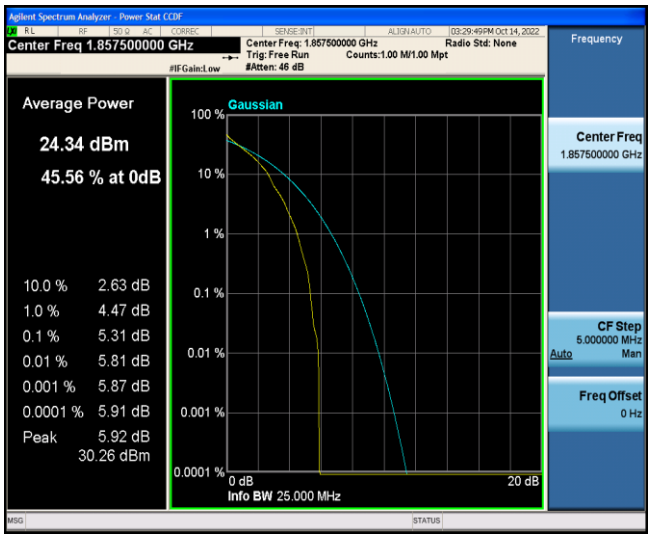


Band2-15MHz-QPSK-18675-1RB#0



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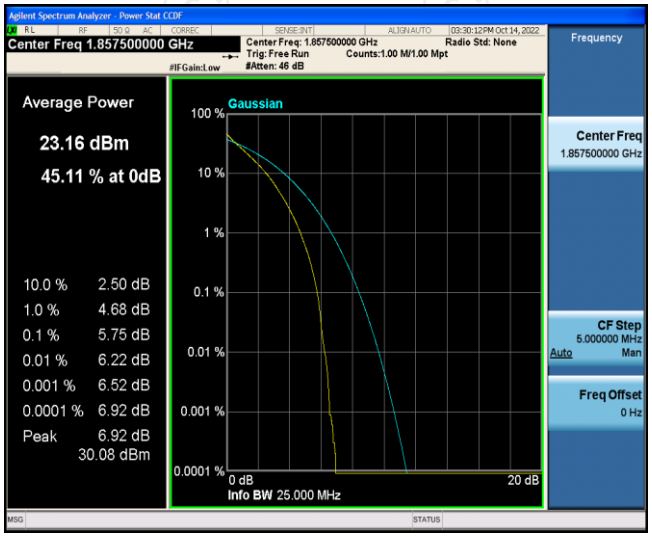

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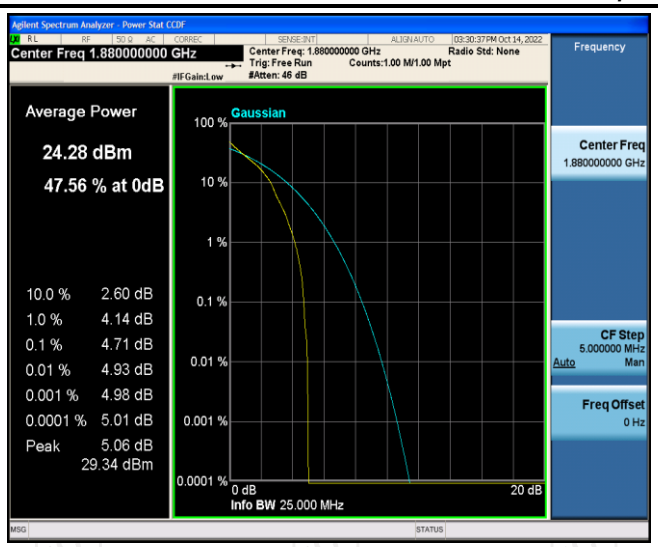

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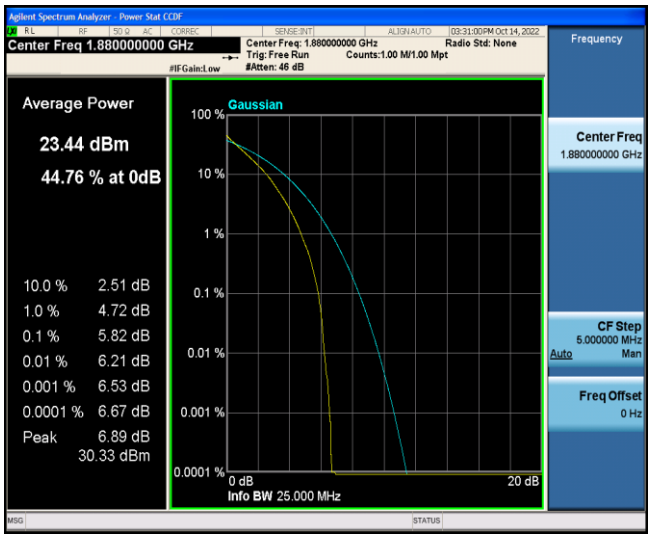

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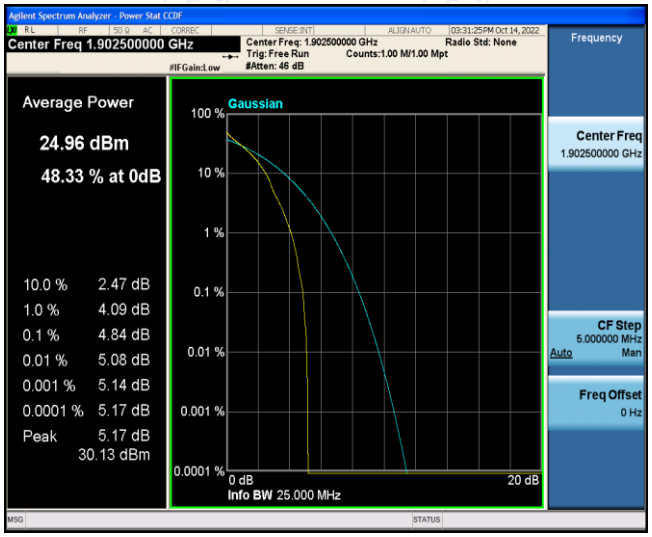

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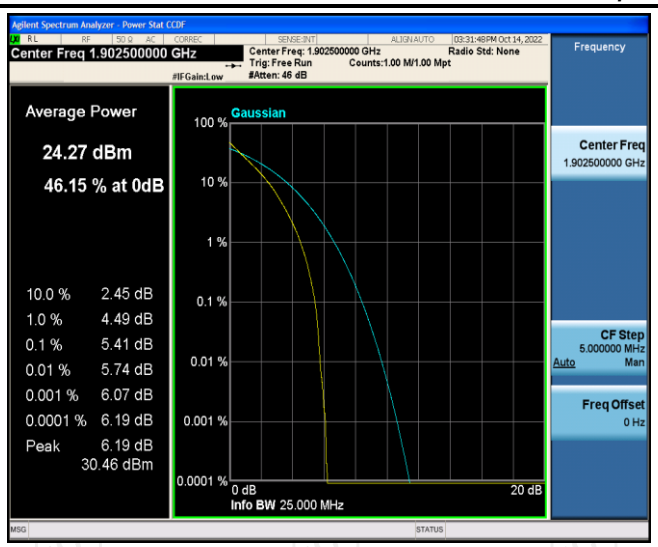

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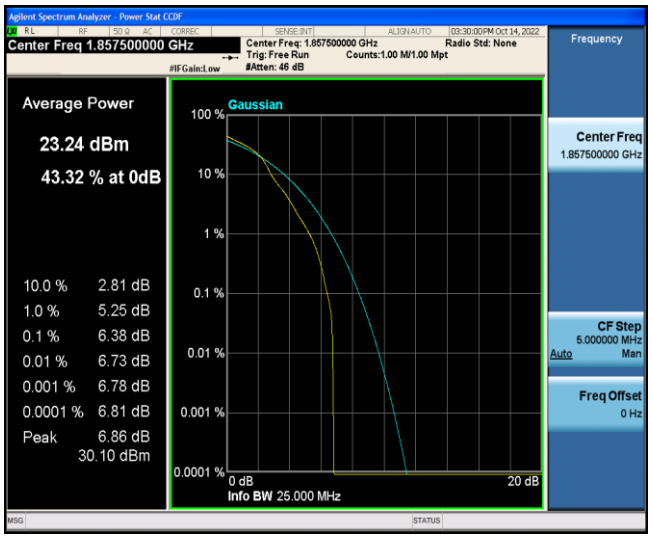

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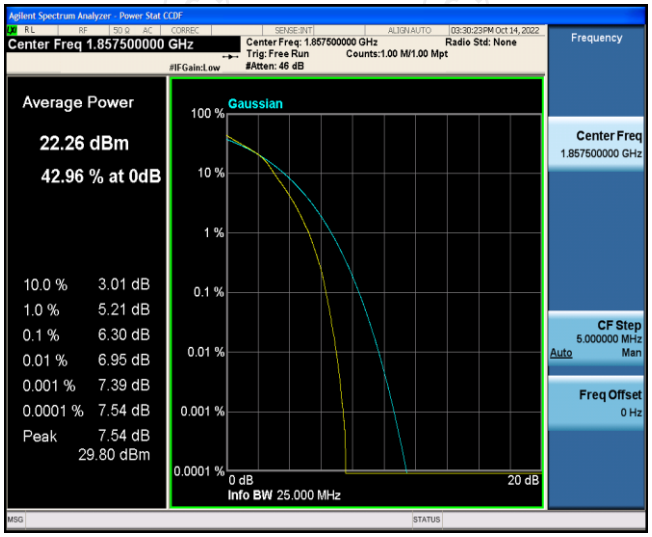

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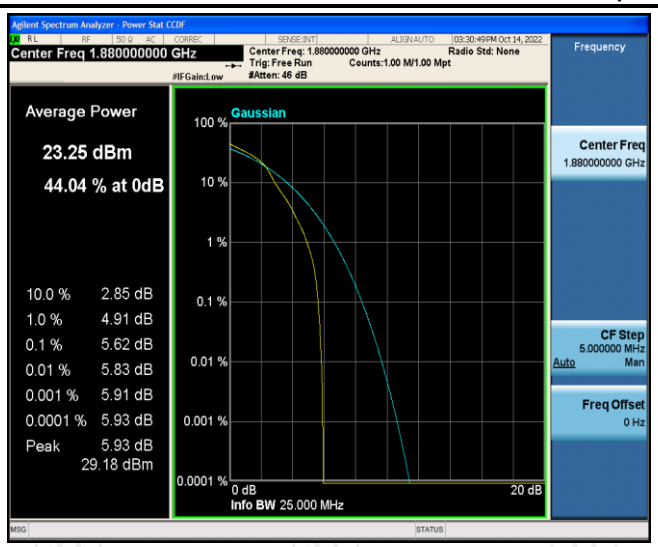

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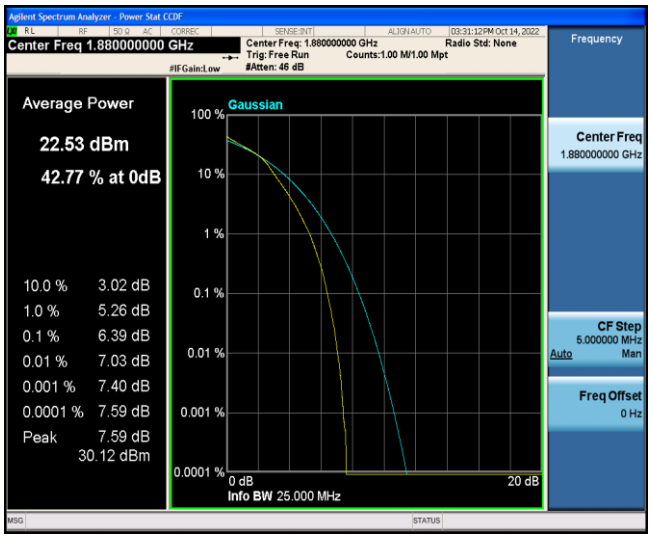

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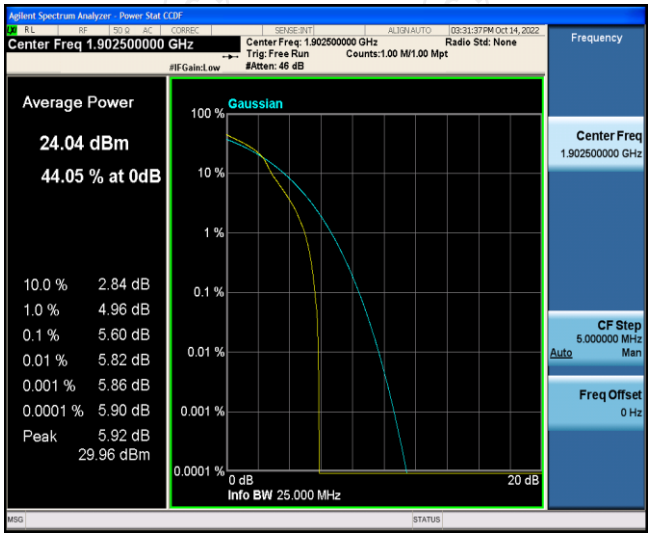

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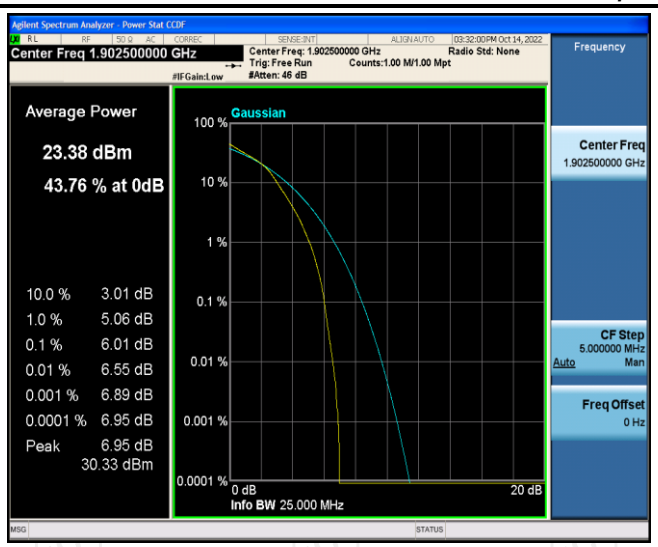

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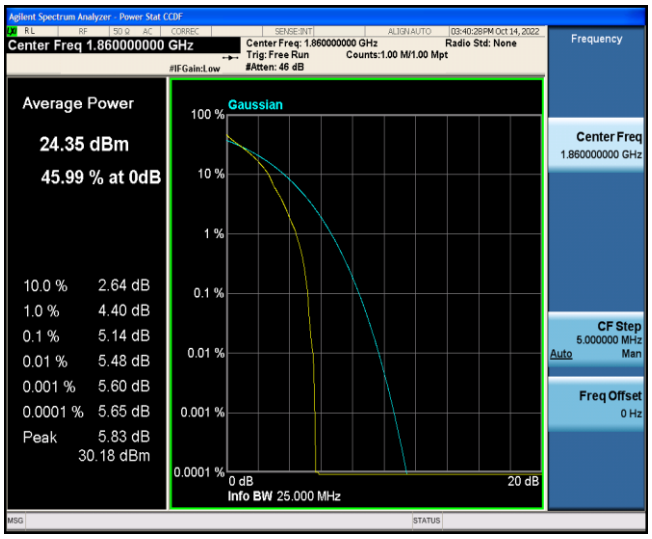

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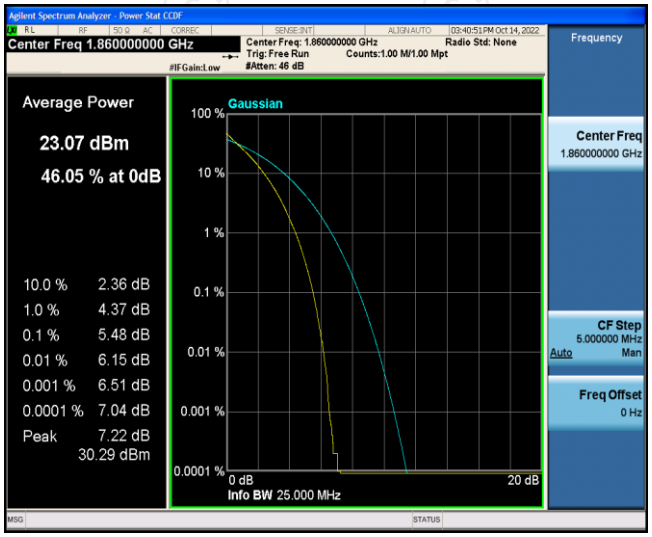

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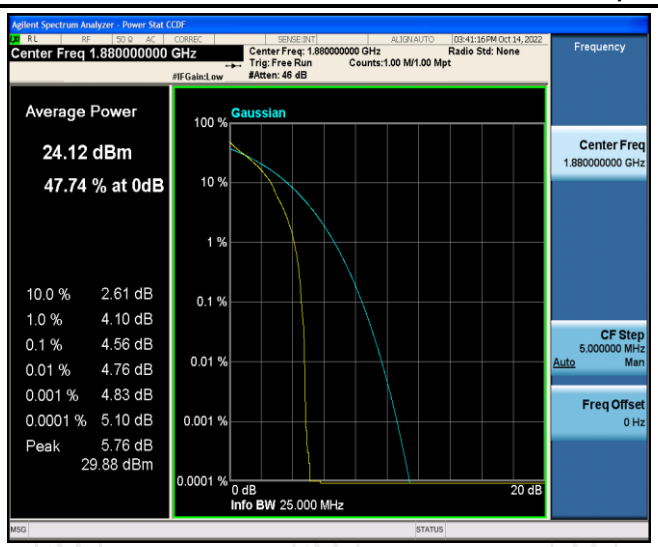

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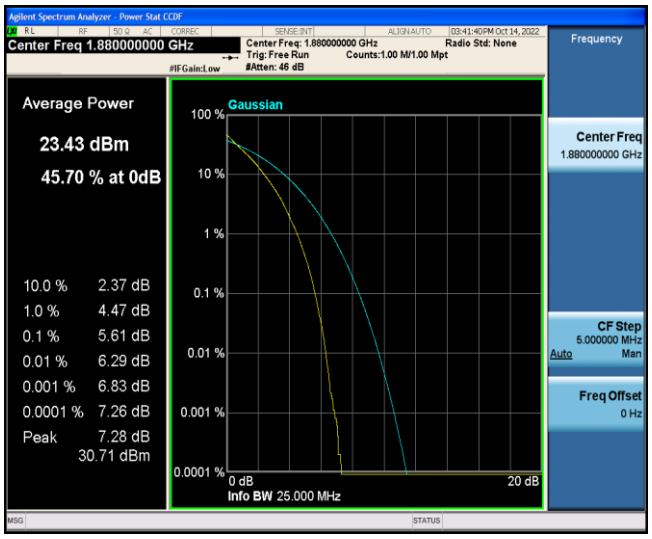

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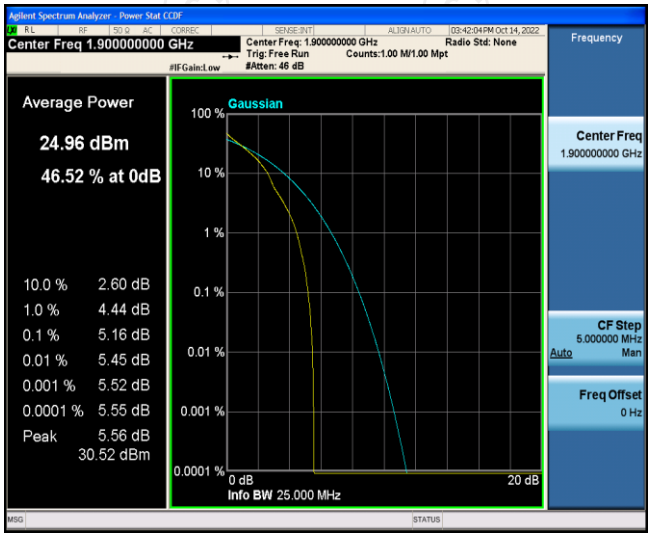

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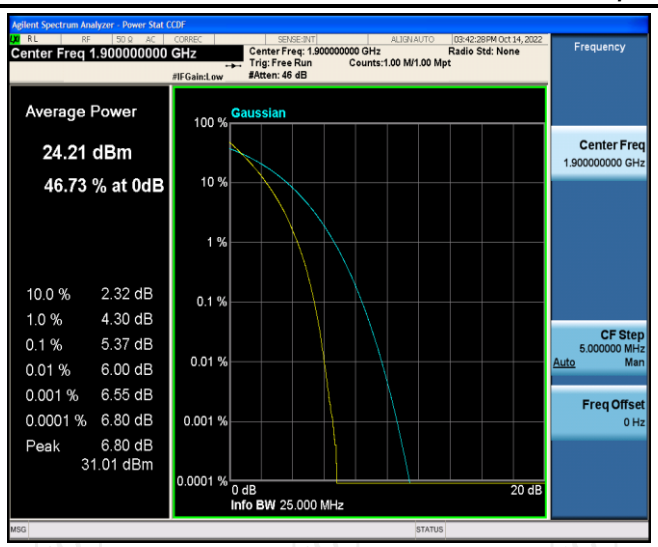

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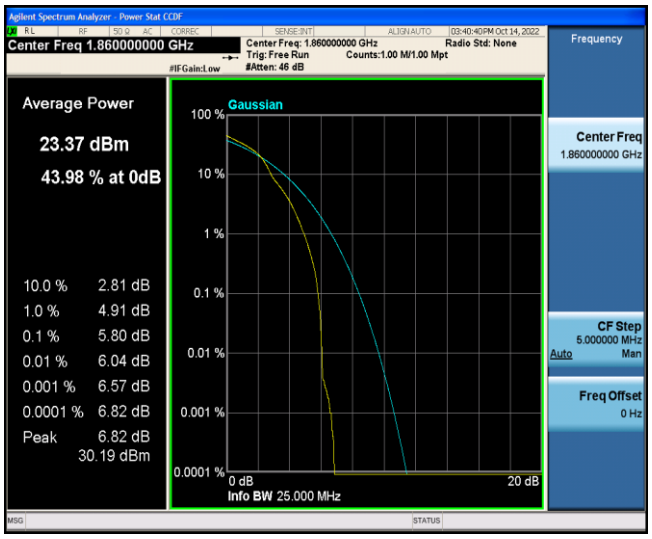

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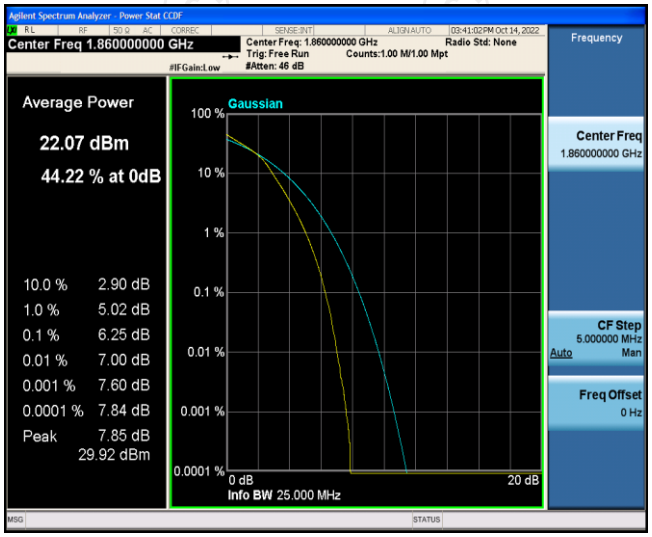

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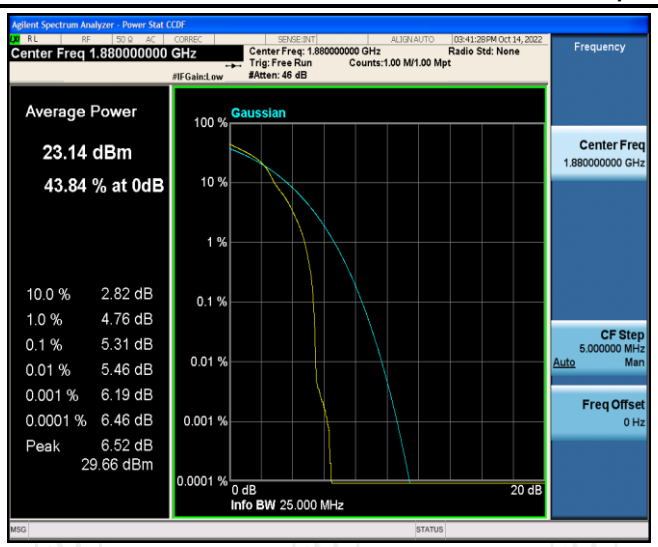

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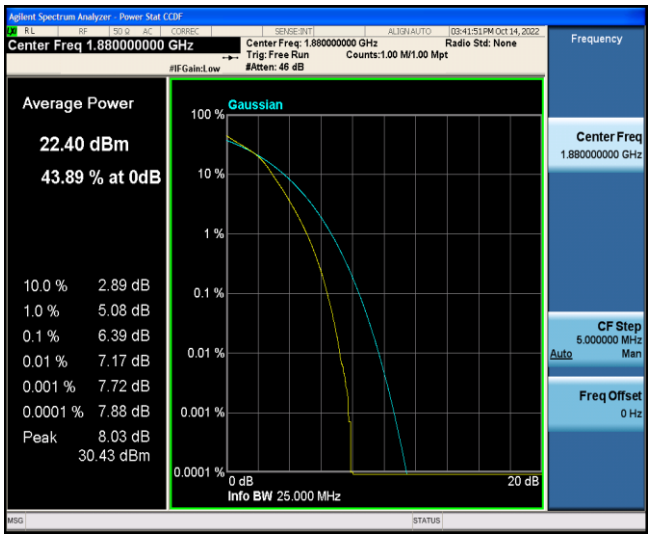

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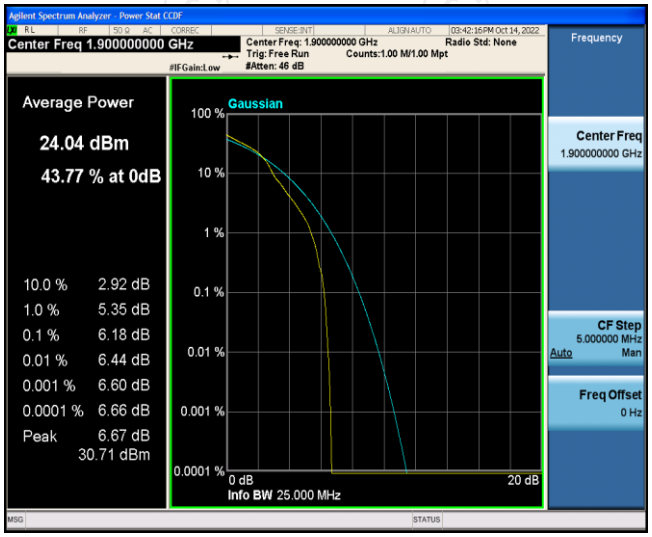

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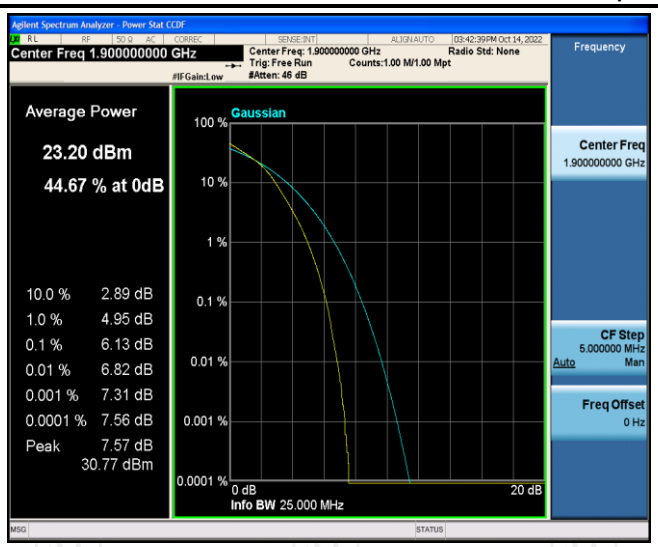

Agilent Spectrum Analyzer - Power Stat CCDF
Center Freq 1.900000000 GHz
Center Freq: 1.900000000 GHz
Trig: Free Run
#Atten: 46 dB
Counts:1.00 M/1.00 Mpt
Radio Std: None
03:42:39PM Oct 14, 2022
#IFGain:Low
Average Power
23.20 dBm
44.67 % at 0dB
10.0 % 2.89 dB
1.0 % 4.95 dB
0.1 % 6.13 dB
0.01 % 6.82 dB
0.001 % 7.31 dB
0.0001 % 7.56 dB
Peak 7.57 dB
30.77 dBm
Gaussian
100 %
10 %
1 %
0.1 %
0.01 %
0.001 %
0.0001 %
0 dB
20 dB
Info BW 25.000 MHz
Frequency
Center Freq
1.900000000 GHz
CF Step
5.000000 MHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS

Appendix C: 26dB Bandwidth and Occupied Bandwidth

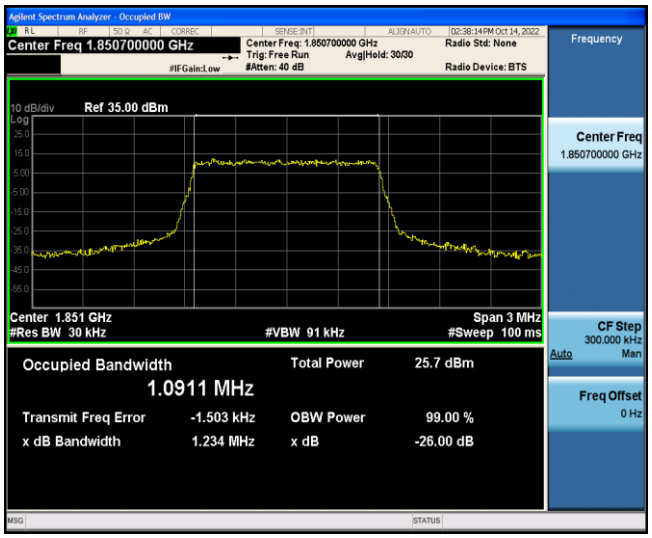
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	1.0911	1.234	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	1.0889	1.227	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1.0943	1.235	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1.0928	1.236	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.0919	1.223	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1.0891	1.242	PASS
Band2	3MHz	QPSK	18615	15RB#0	2.6960	2.957	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.6995	2.975	PASS
Band2	3MHz	QPSK	19185	15RB#0	2.7021	2.988	PASS
Band2	3MHz	16QAM	18615	15RB#0	2.6977	2.971	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.6902	2.977	PASS
Band2	3MHz	16QAM	19185	15RB#0	2.6931	2.988	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.4962	4.863	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.4898	4.880	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.4894	4.877	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.4933	4.869	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.4964	4.850	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.4952	4.885	PASS
Band2	10MHz	QPSK	18650	50RB#0	8.9794	9.566	PASS
Band2	10MHz	QPSK	18900	50RB#0	8.9870	9.560	PASS
Band2	10MHz	QPSK	19150	50RB#0	8.9737	9.562	PASS
Band2	10MHz	16QAM	18650	50RB#0	8.9723	9.534	PASS
Band2	10MHz	16QAM	18900	50RB#0	8.9682	9.591	PASS
Band2	10MHz	16QAM	19150	50RB#0	8.9697	9.609	PASS
Band2	15MHz	QPSK	18675	75RB#0	13.461	14.28	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.465	14.29	PASS
Band2	15MHz	QPSK	19125	75RB#0	13.428	14.30	PASS
Band2	15MHz	16QAM	18675	75RB#0	13.432	14.31	PASS
Band2	15MHz	16QAM	18900	75RB#0	13.450	14.31	PASS
Band2	15MHz	16QAM	19125	75RB#0	13.429	14.34	PASS
Band2	20MHz	QPSK	18700	100RB#0	17.926	18.98	PASS
Band2	20MHz	QPSK	18900	100RB#0	17.962	19.01	PASS
Band2	20MHz	QPSK	19100	100RB#0	17.907	19.05	PASS

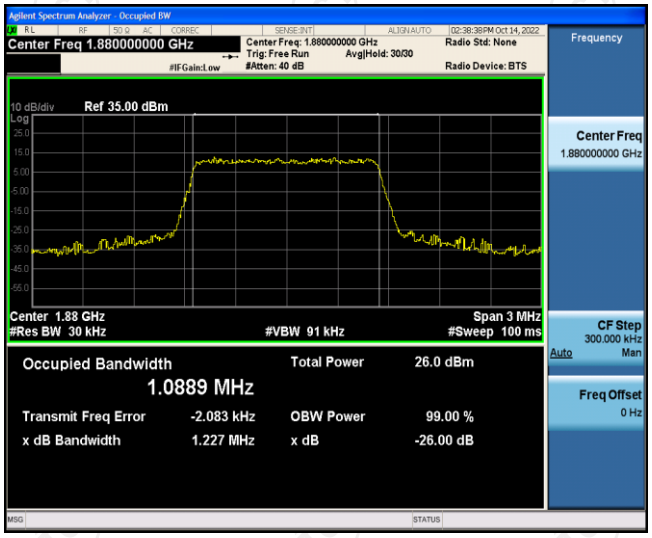
Band2	20MHz	16QAM	18700	100RB#0	17.919	19.02	PASS
Band2	20MHz	16QAM	18900	100RB#0	17.966	19.04	PASS
Band2	20MHz	16QAM	19100	100RB#0	17.921	18.97	PASS

Test Graphs

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



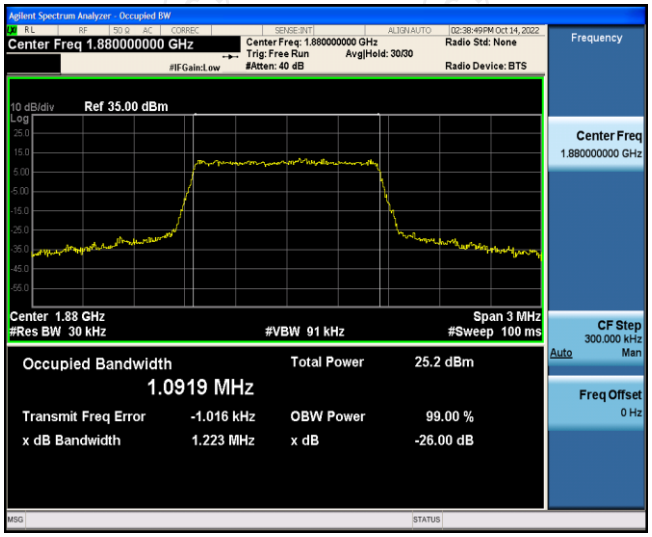
Band2-1.4MHz-QPSK-18900-6RB#0



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

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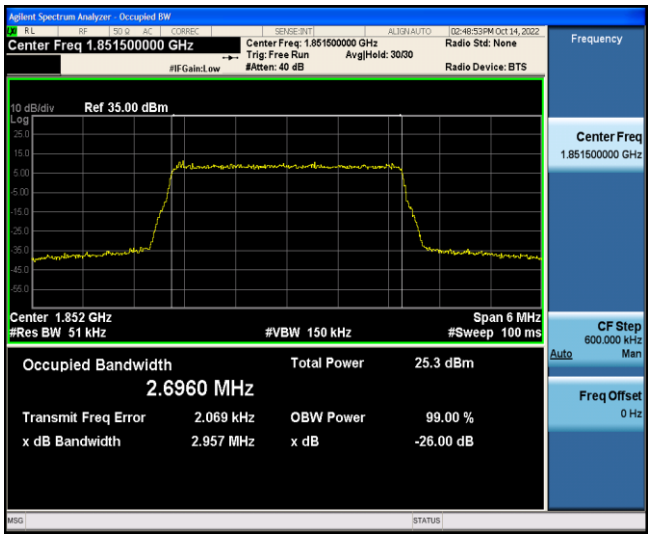
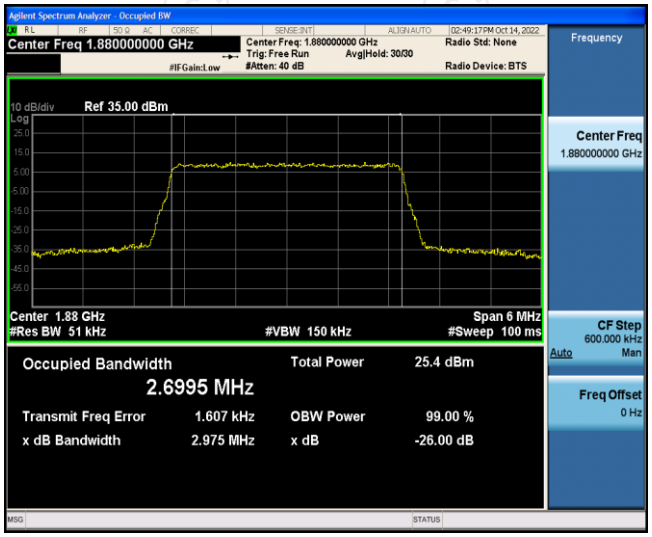
Band2-3MHz-QPSK-18615-15RB#0



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



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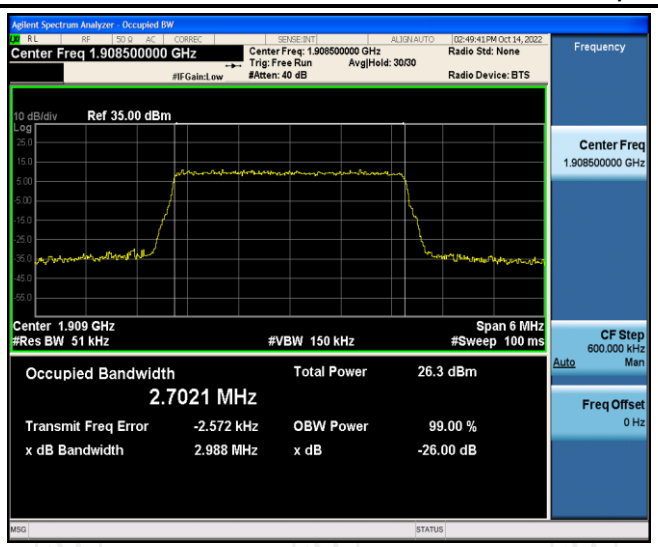

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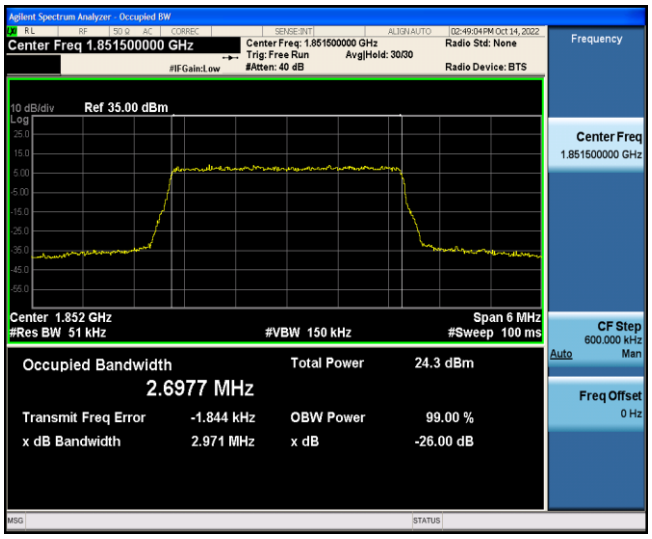

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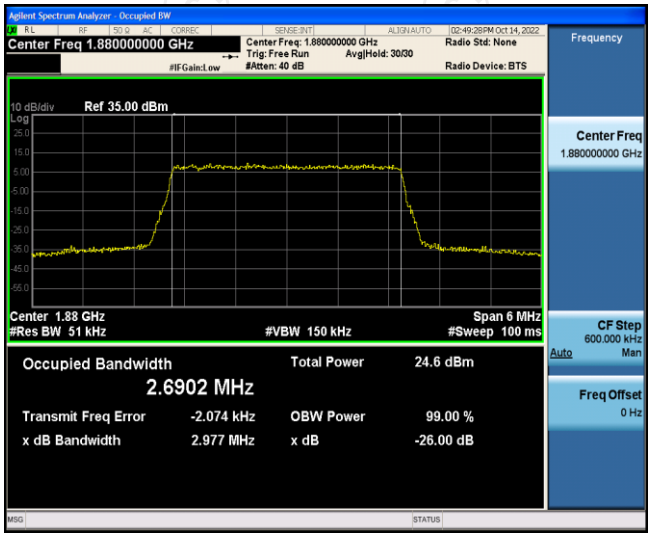

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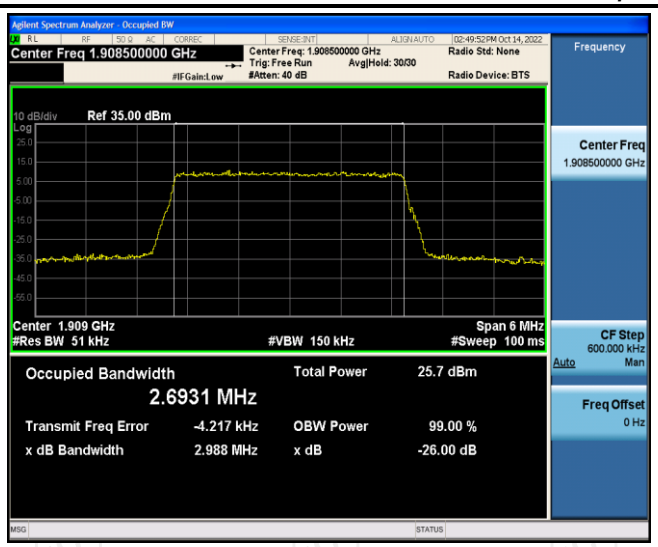
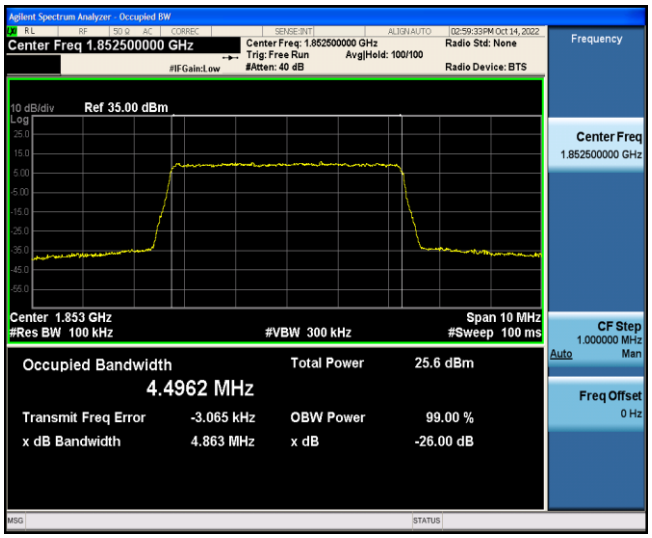
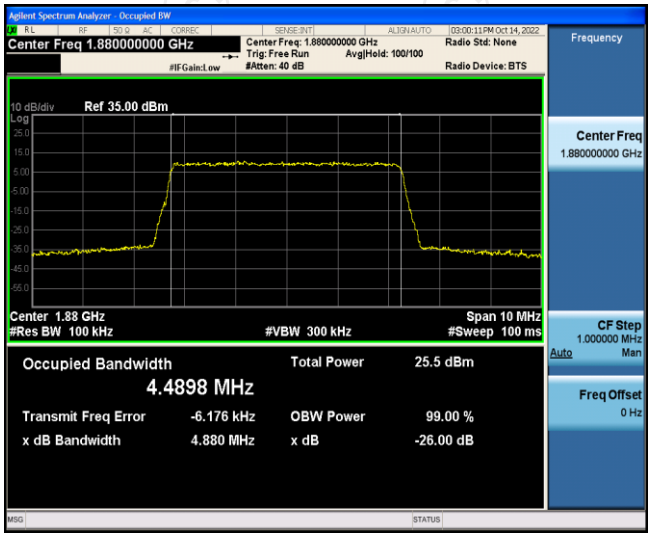


Band2-5MHz-QPSK-18625-25RB#0



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



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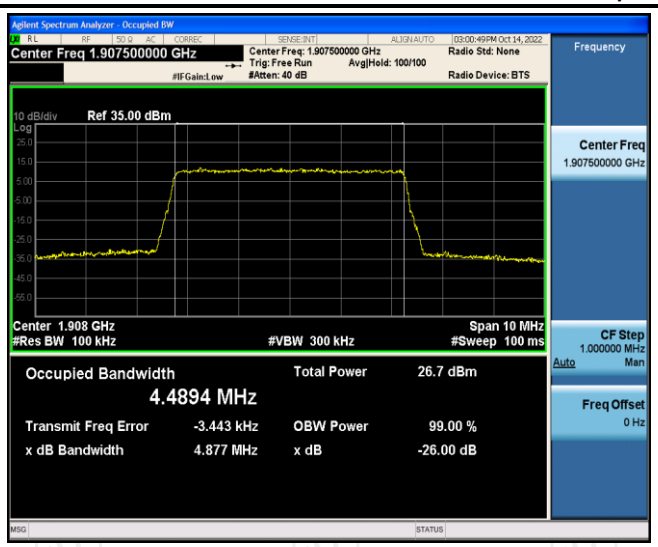
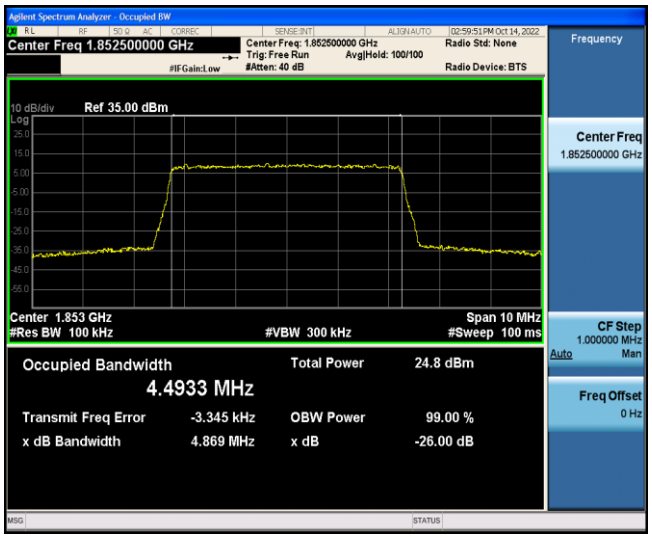
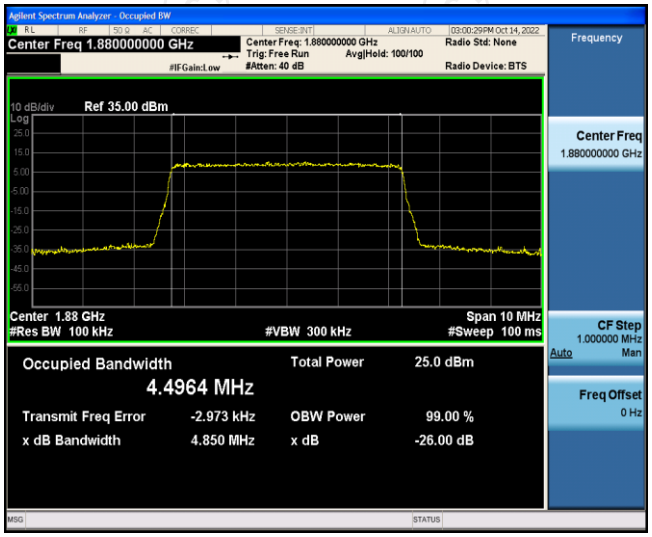


Band2-5MHz-16QAM-18625-25RB#0



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



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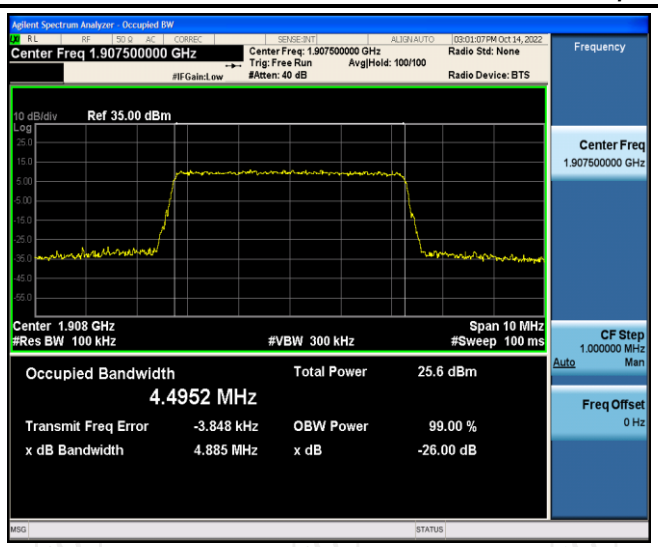

Band2-10MHz-QPSK-18650-50RB#0

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

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

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

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

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

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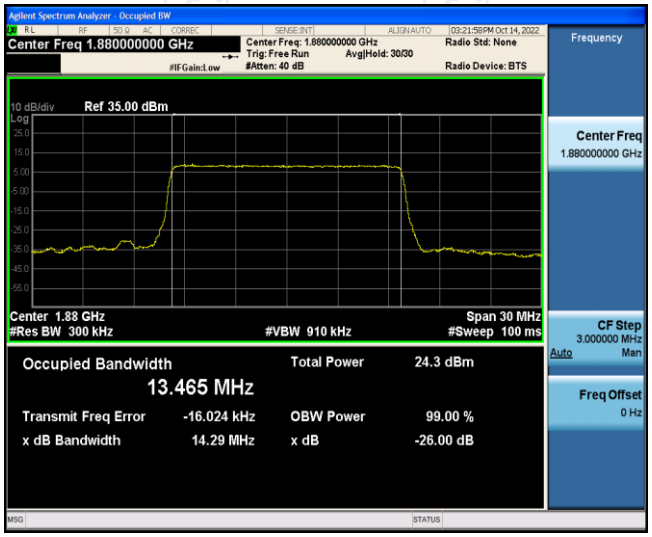
Band2-15MHz-QPSK-18675-75RB#0

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



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

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

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

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