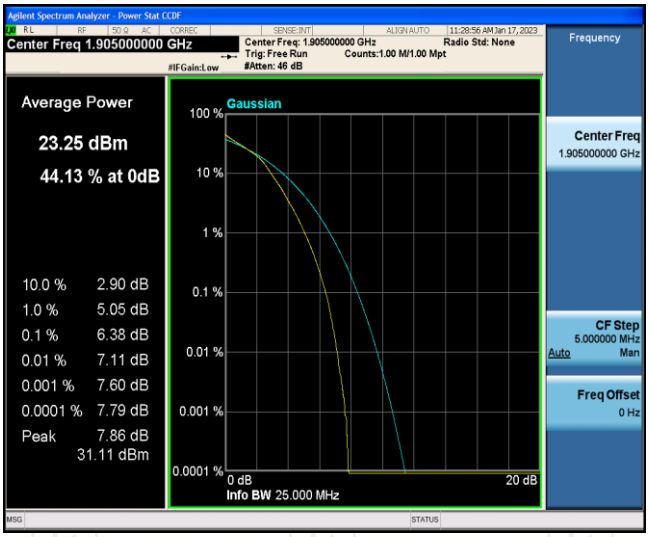
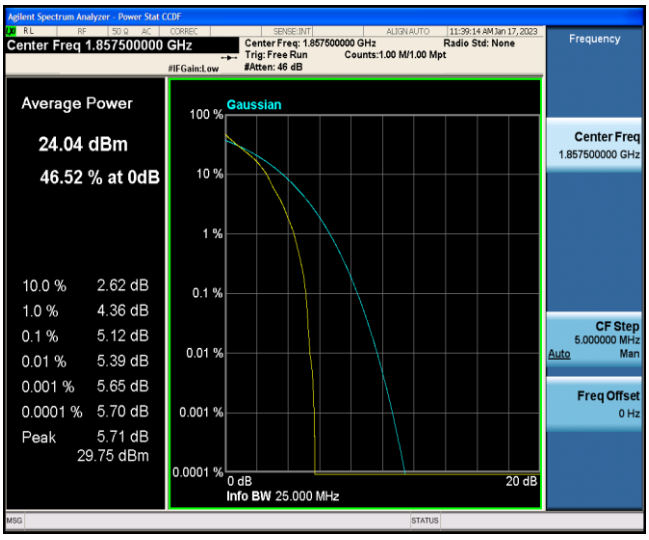


Band2-15MHz-QPSK-18675-1RB#0



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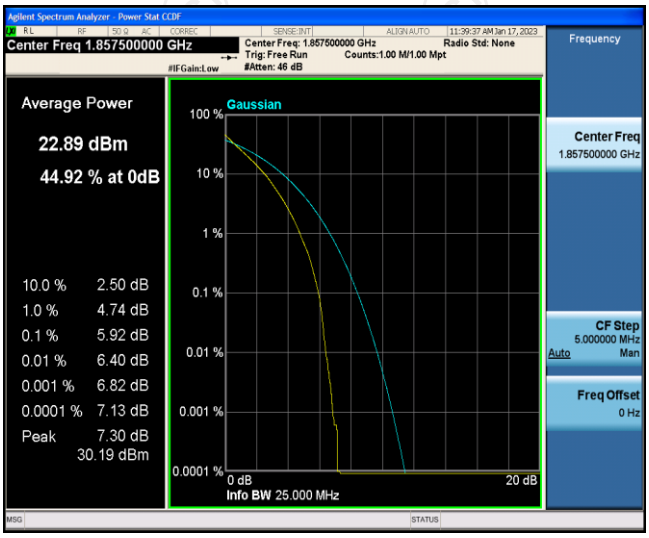

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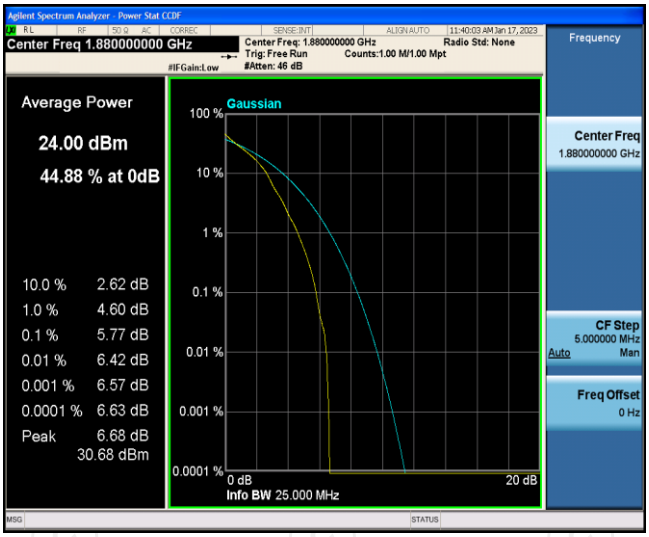

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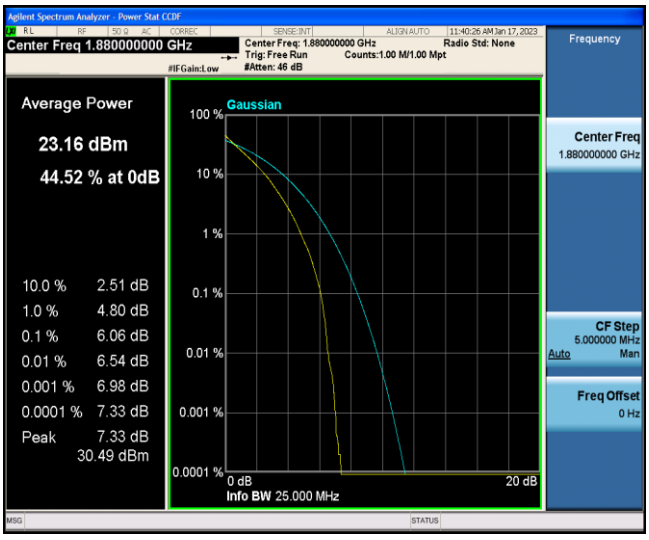

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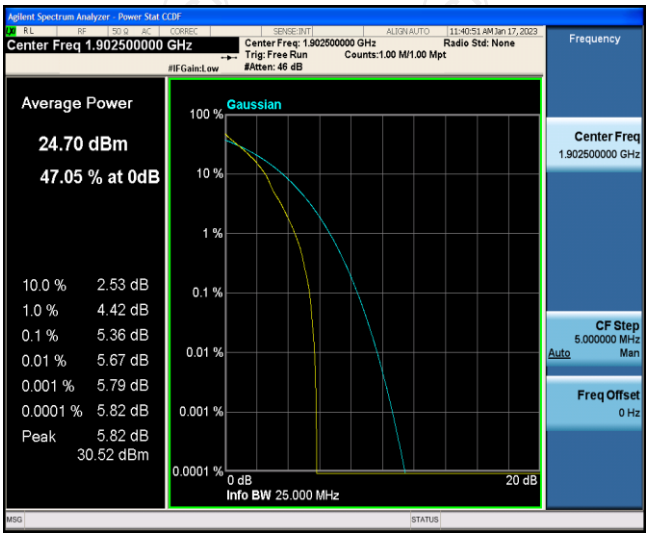

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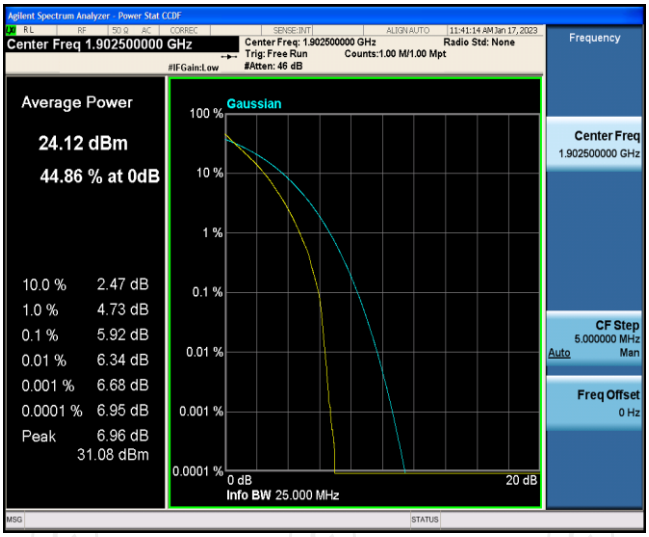

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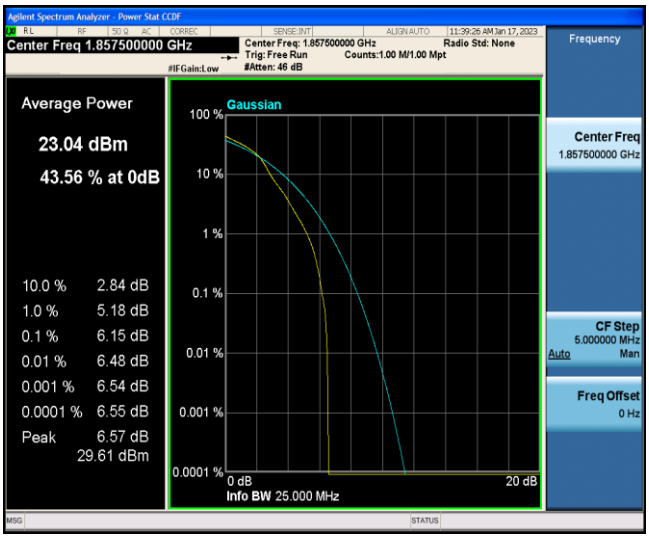

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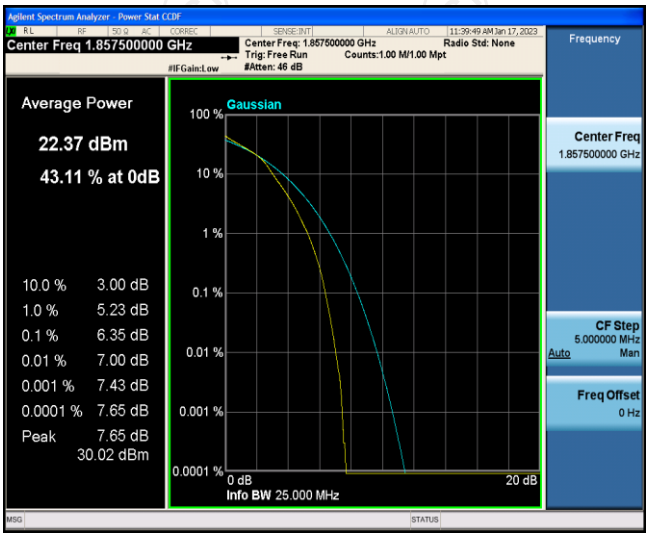

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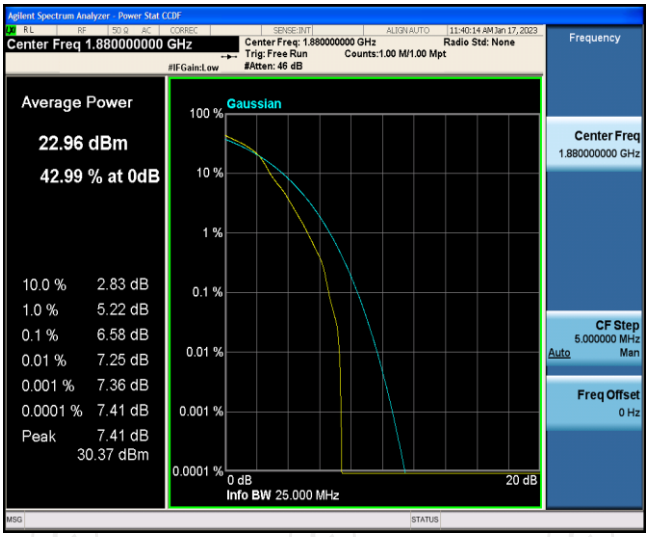

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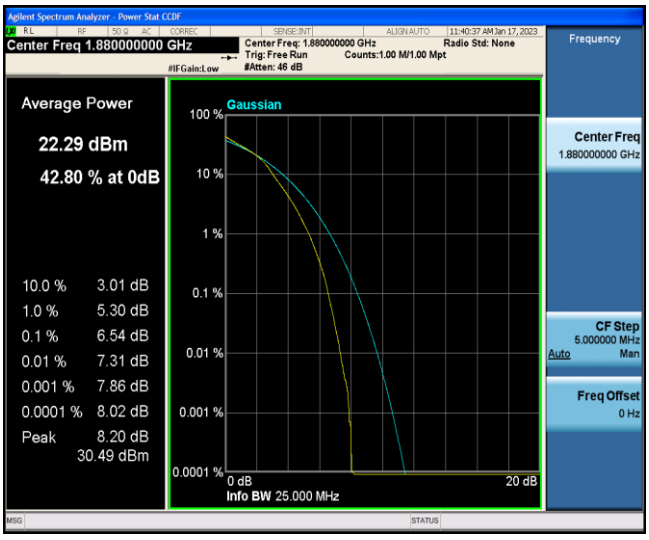

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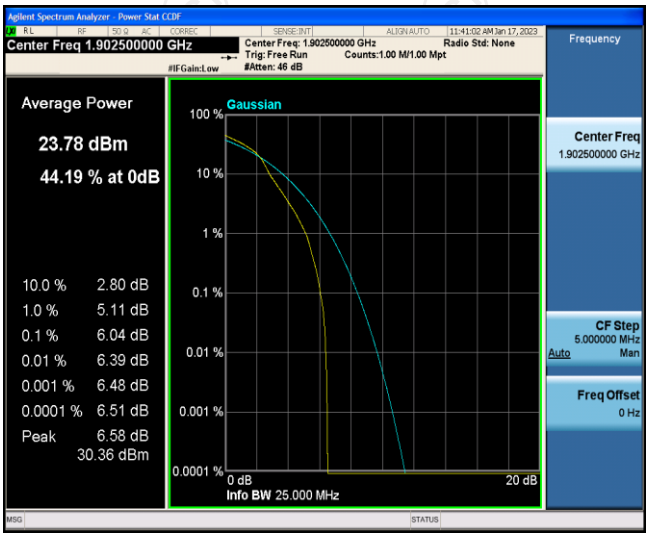

Band2-15MHz-16QAM-19125-75RB#0

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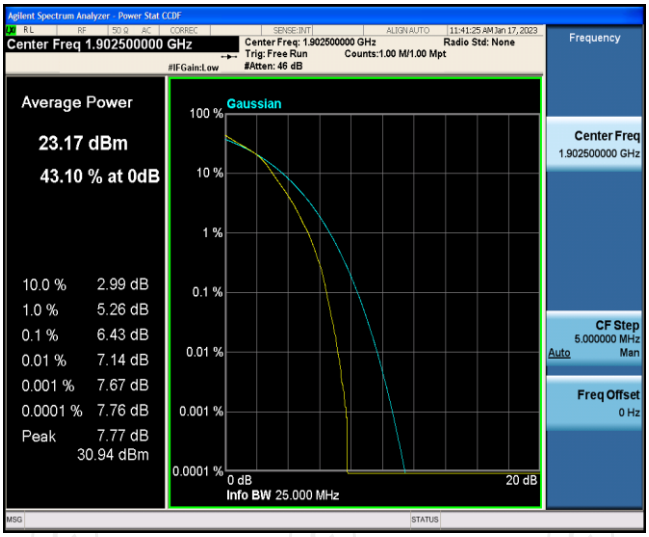
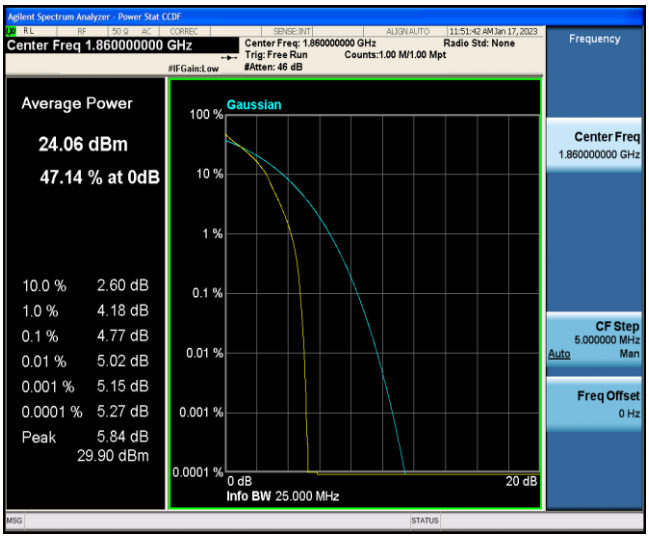


Band2-20MHz-QPSK-18700-1RB#0



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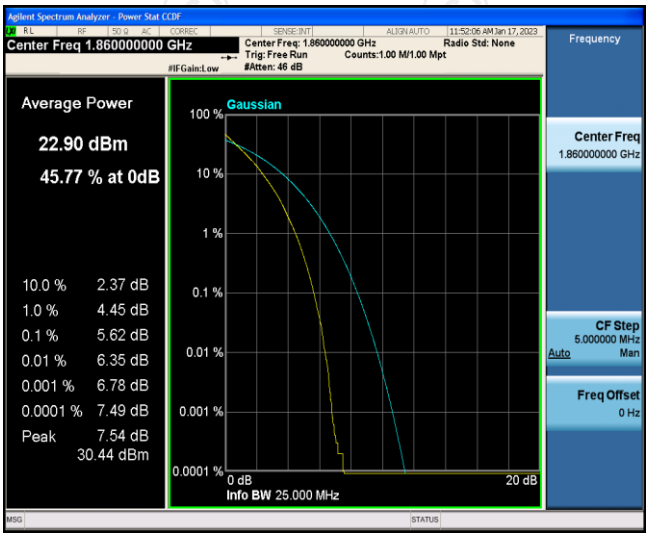

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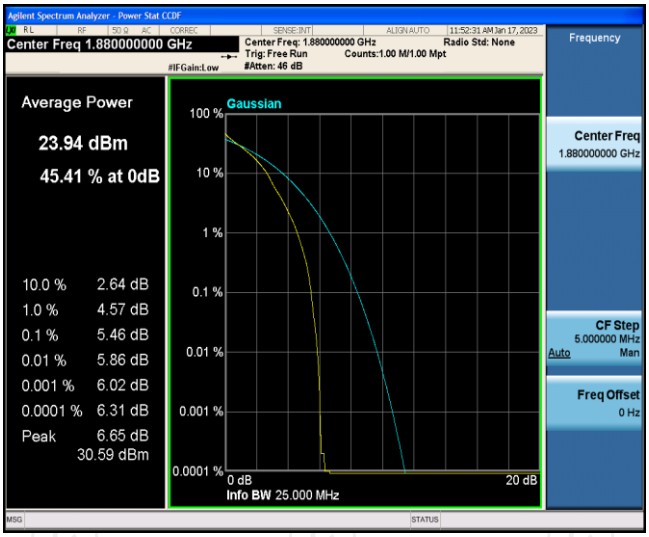

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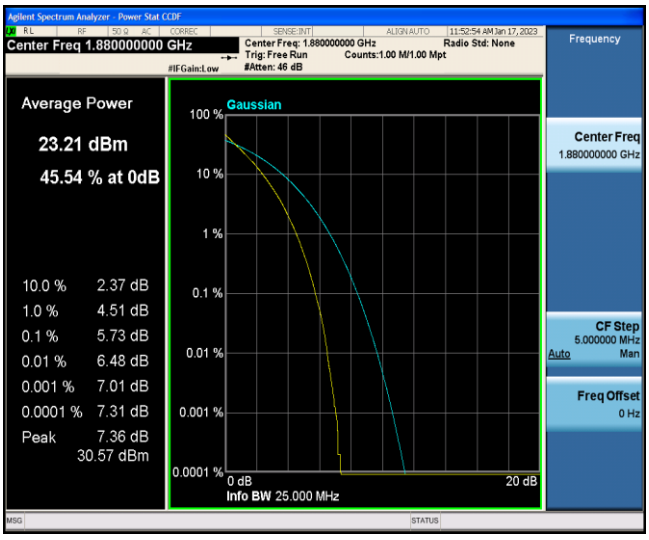

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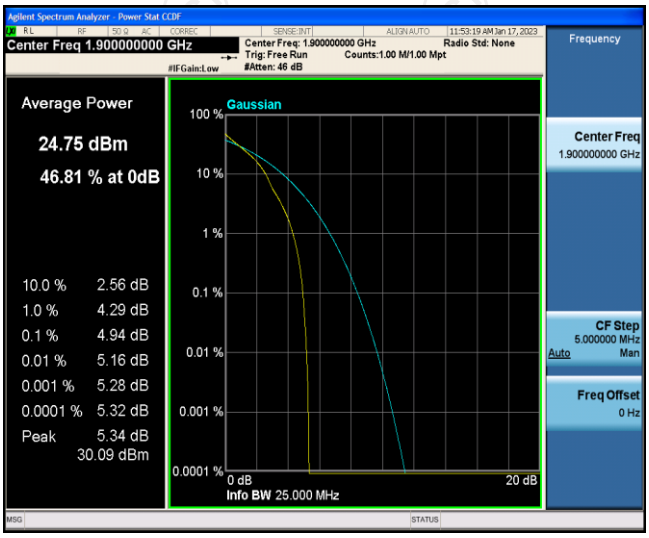

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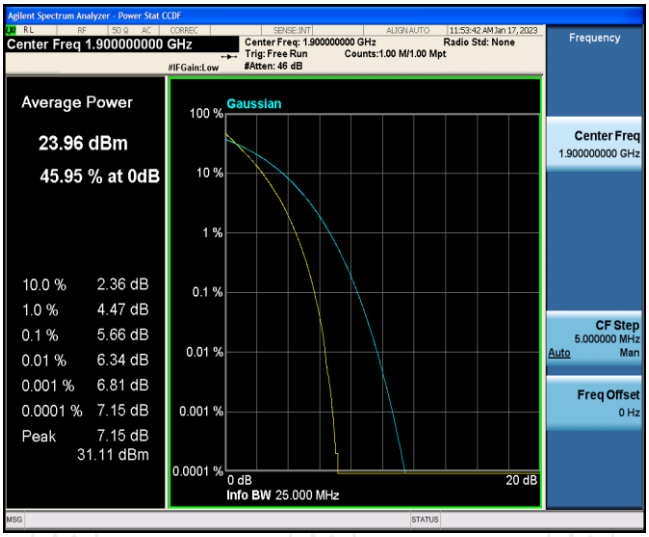

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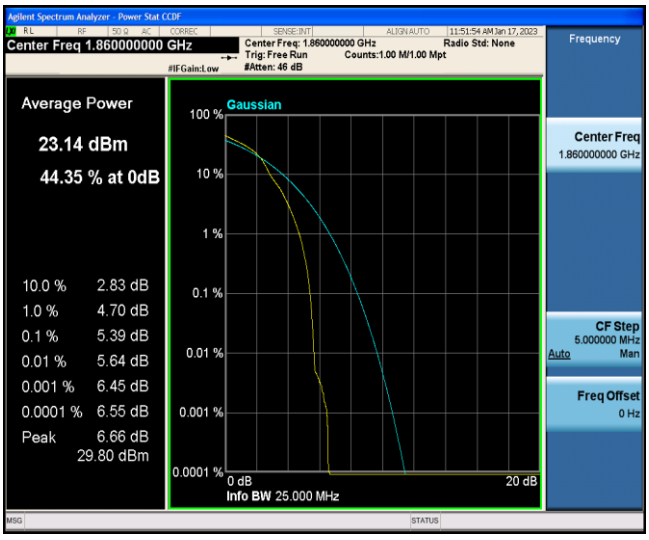

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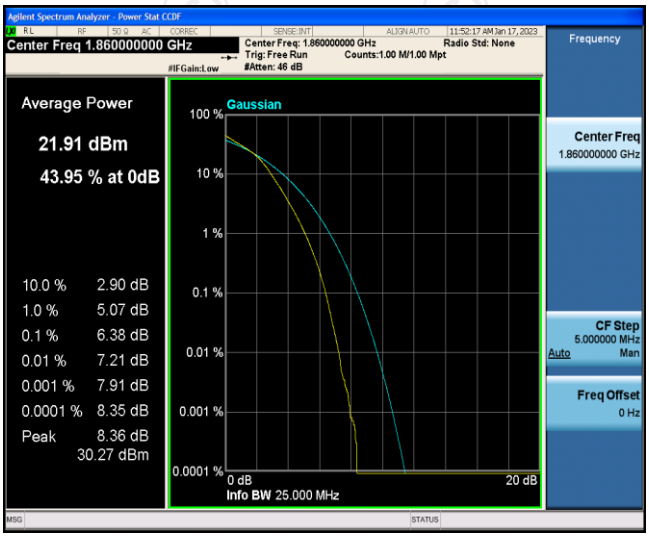

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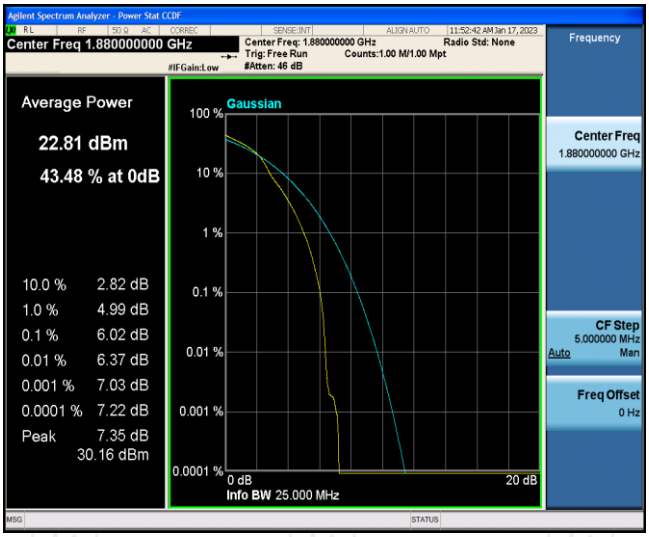

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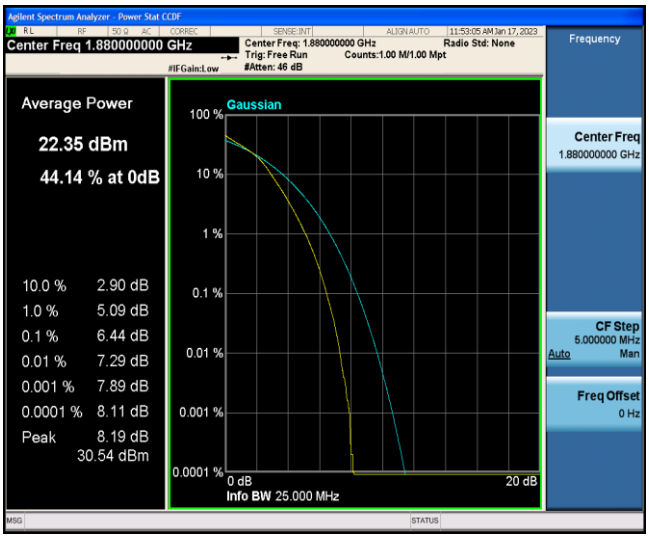

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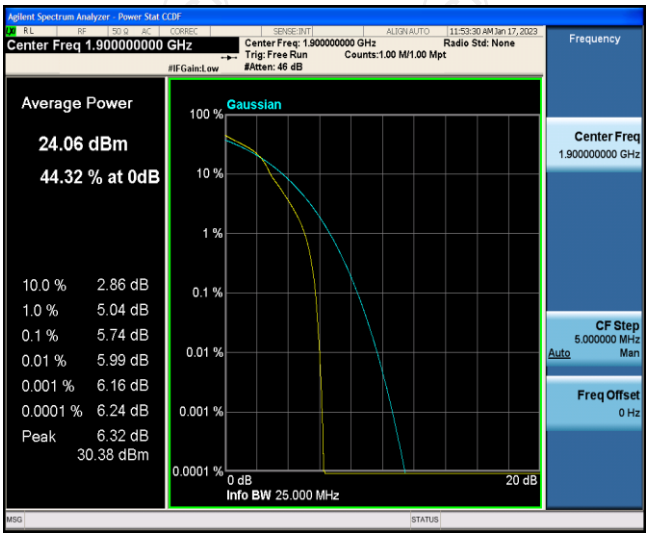
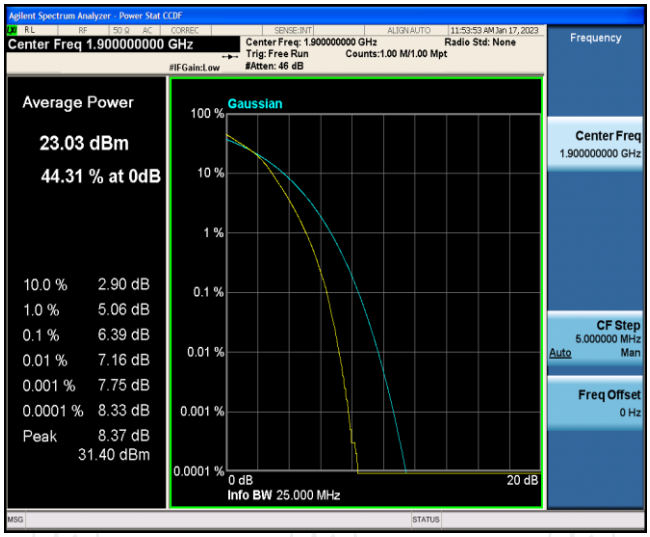


Band2-20MHz-16QAM-19100-100RB#0


Agilent Spectrum Analyzer - Power Stat CCDF
Center Freq 1.900000000 GHz
Center Freq: 1.900000000 GHz
Trig: Free Run
#Atten: 46 dB
Radio Std: None
Counts:1.00 M/1.00 Mpt
#IFGain:Low
Average Power
23.03 dBm
44.31 % at 0dB
10.0 % 2.90 dB
1.0 % 5.06 dB
0.1 % 6.39 dB
0.01 % 7.16 dB
0.001 % 7.75 dB
0.0001 % 8.33 dB
Peak 8.37 dB
31.40 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

Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

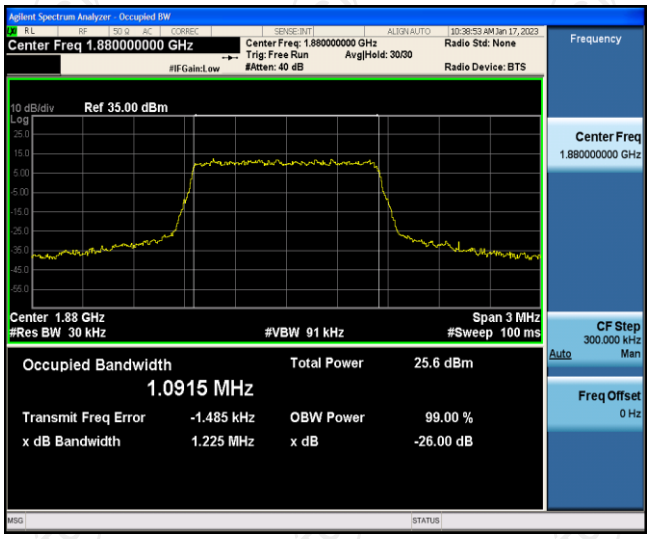
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	1.0894	1.228	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	1.0915	1.225	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1.0895	1.241	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1.0928	1.238	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.0919	1.244	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1.0908	1.225	PASS
Band2	3MHz	QPSK	18615	15RB#0	2.6877	2.916	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.6870	2.919	PASS
Band2	3MHz	QPSK	19185	15RB#0	2.6961	2.992	PASS
Band2	3MHz	16QAM	18615	15RB#0	2.6950	2.964	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.6891	2.975	PASS
Band2	3MHz	16QAM	19185	15RB#0	2.6953	2.963	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.4902	4.873	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.4956	4.872	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.4886	4.869	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.4939	4.873	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.4973	4.868	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.4928	4.874	PASS
Band2	10MHz	QPSK	18650	50RB#0	8.9732	9.569	PASS
Band2	10MHz	QPSK	18900	50RB#0	8.9813	9.534	PASS
Band2	10MHz	QPSK	19150	50RB#0	8.9850	9.569	PASS
Band2	10MHz	16QAM	18650	50RB#0	8.9566	9.572	PASS
Band2	10MHz	16QAM	18900	50RB#0	8.9780	9.547	PASS
Band2	10MHz	16QAM	19150	50RB#0	8.9751	9.577	PASS
Band2	15MHz	QPSK	18675	75RB#0	13.452	14.30	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.470	14.28	PASS
Band2	15MHz	QPSK	19125	75RB#0	13.458	14.36	PASS
Band2	15MHz	16QAM	18675	75RB#0	13.439	14.27	PASS
Band2	15MHz	16QAM	18900	75RB#0	13.457	14.29	PASS
Band2	15MHz	16QAM	19125	75RB#0	13.457	14.27	PASS
Band2	20MHz	QPSK	18700	100RB#0	17.946	18.99	PASS
Band2	20MHz	QPSK	18900	100RB#0	17.987	19.00	PASS
Band2	20MHz	QPSK	19100	100RB#0	17.947	19.01	PASS

Band2	20MHz	16QAM	18700	100RB#0	17.922	18.99	PASS
Band2	20MHz	16QAM	18900	100RB#0	17.973	19.05	PASS
Band2	20MHz	16QAM	19100	100RB#0	17.965	19.03	PASS

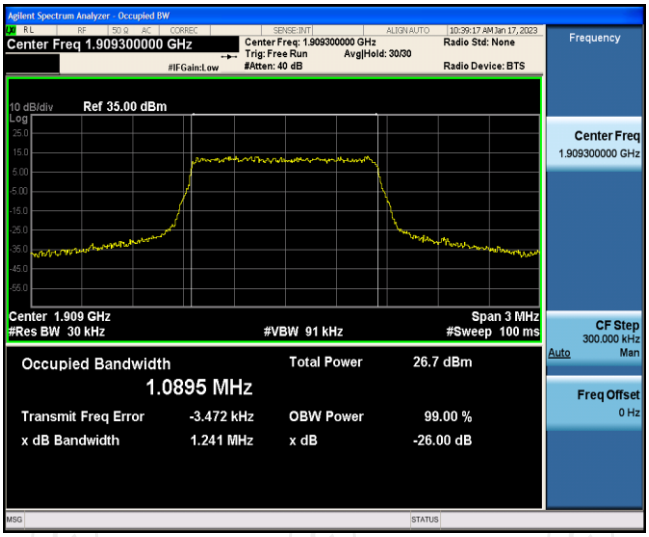
Test Graphs

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

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



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

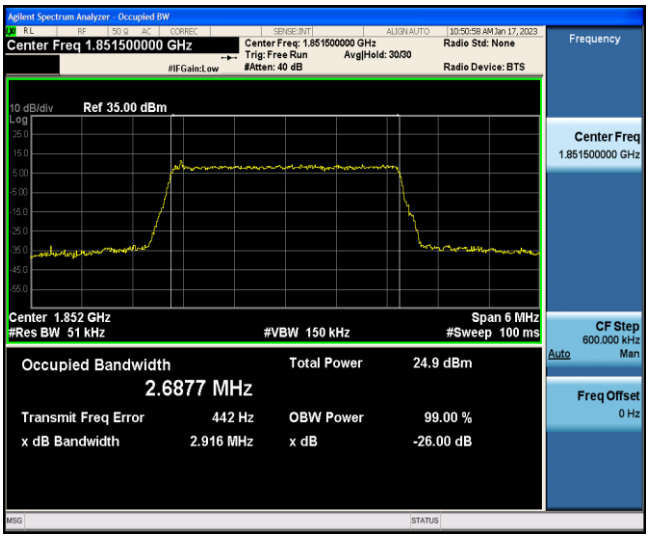


Band2-1.4MHz-16QAM-18607-6RB#0

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

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

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



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

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

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

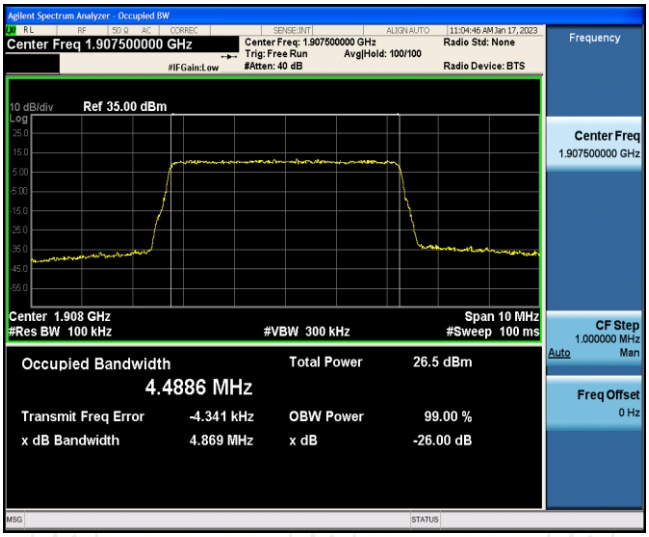
Band2-3MHz-16QAM-18900-15RB#0

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

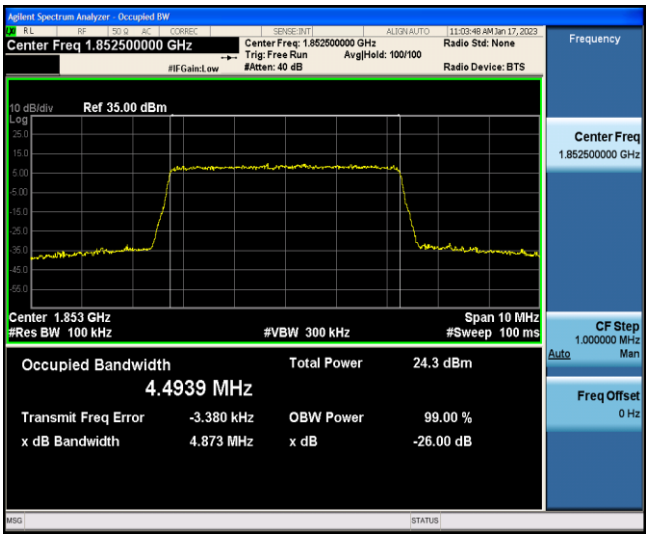
Band2-5MHz-QPSK-18625-25RB#0

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

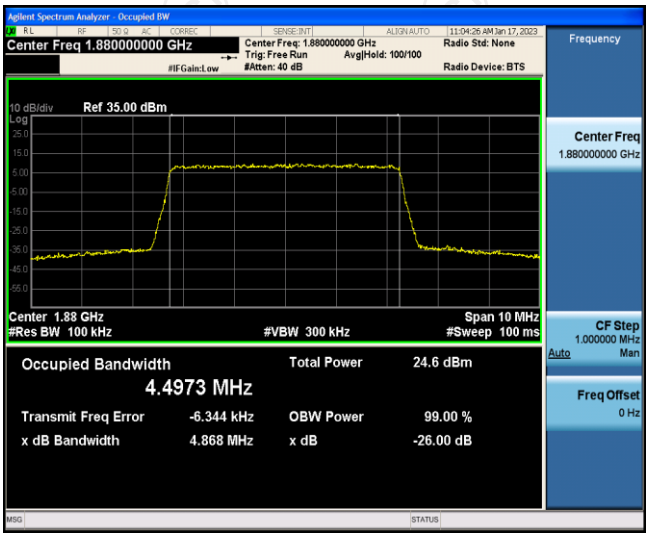
Band2-5MHz-QPSK-19175-25RB#0



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



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



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

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

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

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

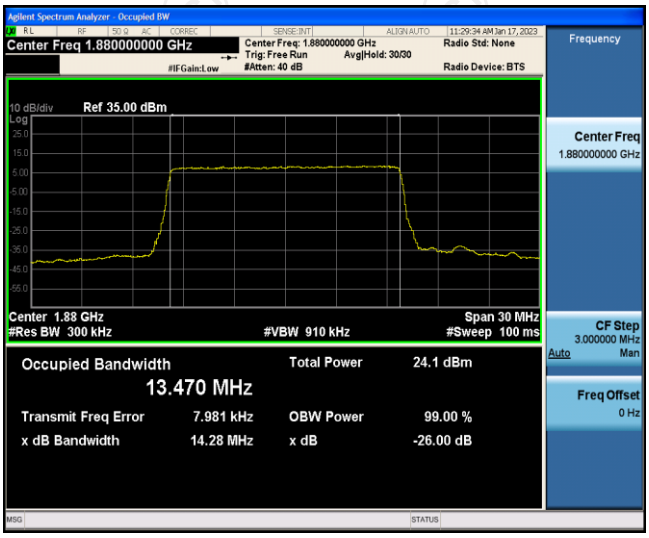
Band2-10MHz-16QAM-18650-50RB#0

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

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

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

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

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

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