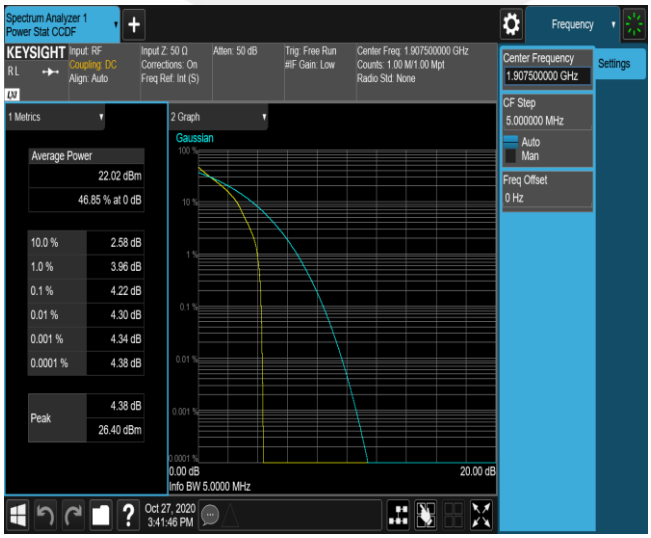
Band2-5MHz-QPSK-18900-25RB#0

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



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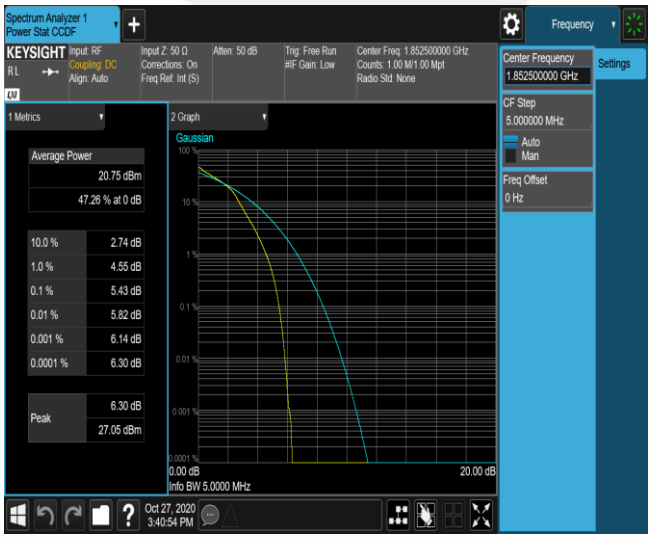
Band2-5MHz-16QAM-18625-1RB#0

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



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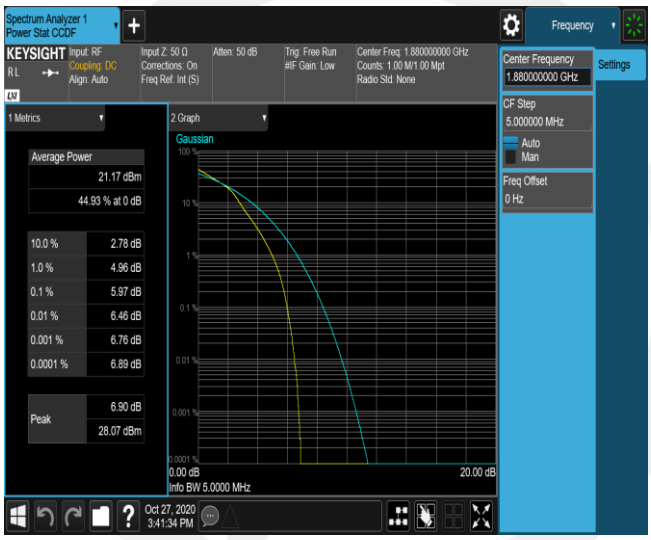

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Band2-10MHz-QPSK-18650-1RB#0

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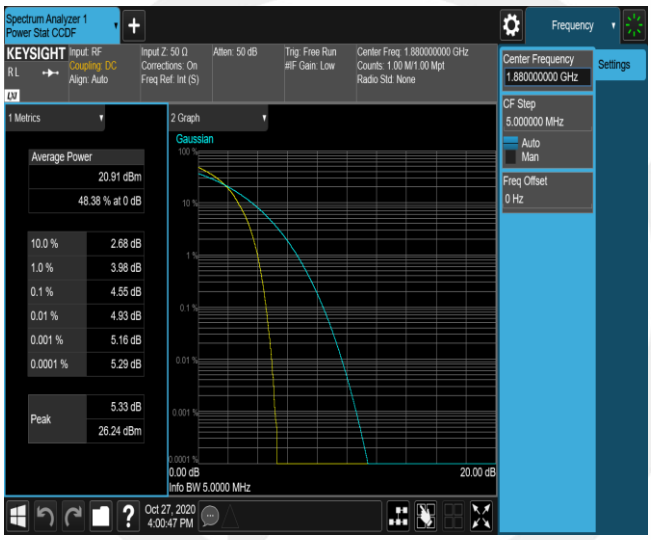

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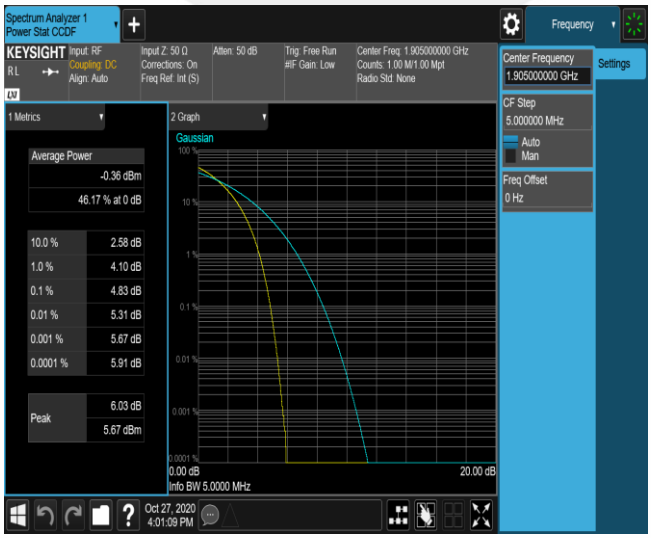

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Band2-10MHz-16QAM-18650-1RB#0

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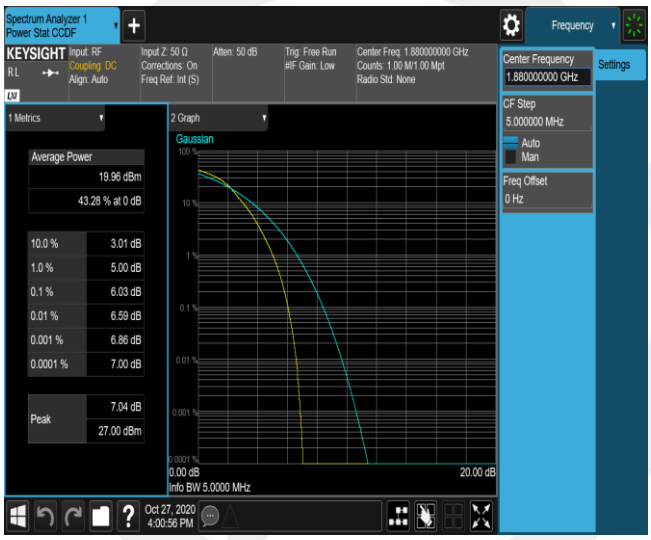

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Band2-10MHz-16QAM-19150-50RB#0

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Band2-20MHz-16QAM-18700-1RB#0

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

Band2-20MHz-16QAM-18900-1RB#0

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

Band2-20MHz-16QAM-19100-1RB#0

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

Spectrum Analyzer 1
Power Stat CCDF
KEYSIGHT
Input: RF
Coupling: DC
Align: Auto
Input Z: 50 Ω
Corrections: On
Freq Ref: Int (S)
Atten: 50 dB
Trig: Free Run
#IF Gain: Low
Center Freq: 1.900000000 GHz
Counts: 1.00 M/1.00 Mpt
Radio Std: None
Frequency
Center Frequency
1.900000000 GHz
Settings
CF Step
5.000000 MHz
Auto
Man
Freq Offset
0 Hz
1 Metrics
Average Power
16.19 dBm
39.13 % at 0 dB
10.0 % 3.71 dB
1.0 % 5.75 dB
0.1 % 7.05 dB
0.01 % 7.96 dB
0.001 % 8.65 dB
0.0001 % 8.83 dB
Peak 8.84 dB
25.03 dBm
2 Graph
Gaussian
100 %
10 %
1 %
0.1 %
0.01 %
0.001 %
0.0001 %
0.00 dB
20.00 dB
Info BW 5.0000 MHz
Oct 27, 2020
4:45:59 PM

Appendix C: 26dB Bandwidth and Occupied Bandwidth

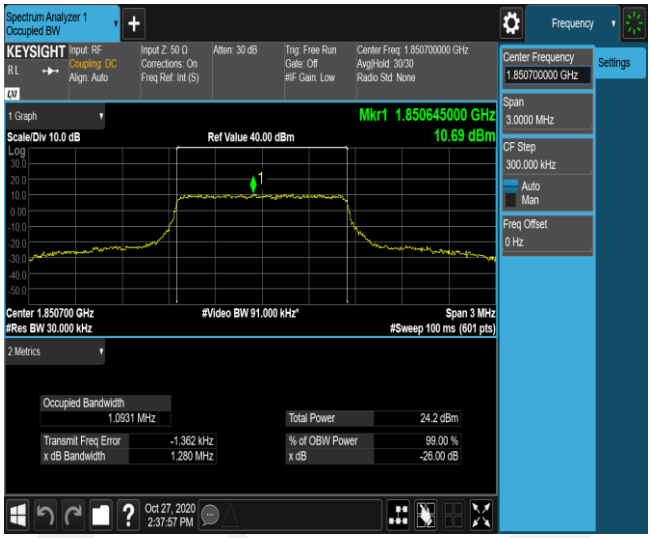
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	1.0931	1.280	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	1.0911	1.264	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1.0917	1.251	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1.0898	1.273	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.0914	1.243	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1.0888	1.268	PASS
Band2	3MHz	QPSK	18615	15RB#0	2.6967	2.946	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.7004	2.918	PASS
Band2	3MHz	QPSK	19185	15RB#0	2.6975	2.905	PASS
Band2	3MHz	16QAM	18615	15RB#0	2.6987	2.938	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.6964	2.902	PASS
Band2	3MHz	16QAM	19185	15RB#0	2.6912	2.915	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.5043	4.929	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.5076	4.859	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.4999	4.914	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.5034	4.929	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.5011	4.876	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.5054	4.869	PASS
Band2	10MHz	QPSK	18650	50RB#0	8.9637	9.574	PASS
Band2	10MHz	QPSK	18900	50RB#0	8.9592	9.557	PASS
Band2	10MHz	QPSK	19150	50RB#0	8.9730	9.569	PASS
Band2	10MHz	16QAM	18650	50RB#0	8.9636	9.543	PASS
Band2	10MHz	16QAM	18900	50RB#0	8.9555	9.548	PASS
Band2	10MHz	16QAM	19150	50RB#0	8.9562	9.533	PASS
Band2	15MHz	QPSK	18675	75RB#0	13.433	14.27	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.442	14.24	PASS
Band2	15MHz	QPSK	19125	75RB#0	13.440	14.25	PASS
Band2	15MHz	16QAM	18675	75RB#0	13.427	14.28	PASS
Band2	15MHz	16QAM	18900	75RB#0	13.434	14.25	PASS
Band2	15MHz	16QAM	19125	75RB#0	13.432	14.26	PASS
Band2	20MHz	QPSK	18700	100RB#0	17.899	18.97	PASS
Band2	20MHz	QPSK	18900	100RB#0	17.907	18.93	PASS

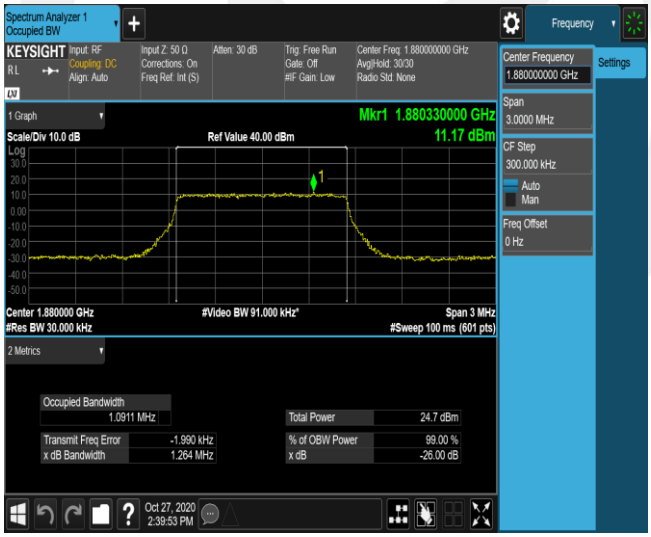
Band2	20MHz	QPSK	19100	100RB#0	17.873	18.94	PASS
Band2	20MHz	16QAM	18700	100RB#0	17.914	18.96	PASS
Band2	20MHz	16QAM	18900	100RB#0	17.897	18.98	PASS
Band2	20MHz	16QAM	19100	100RB#0	17.881	18.94	PASS

Test Graphs

Band2-1.4MHz-QPSK-18607-6RB#0-1.0931



Band2-1.4MHz-QPSK-18900-6RB#0-1.0911



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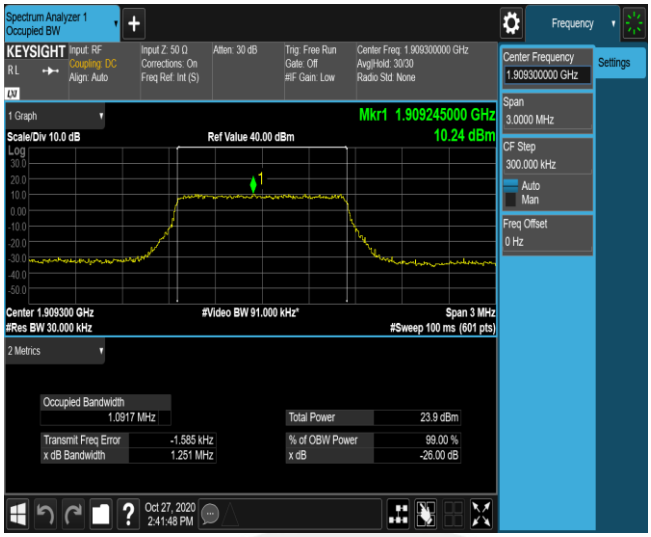
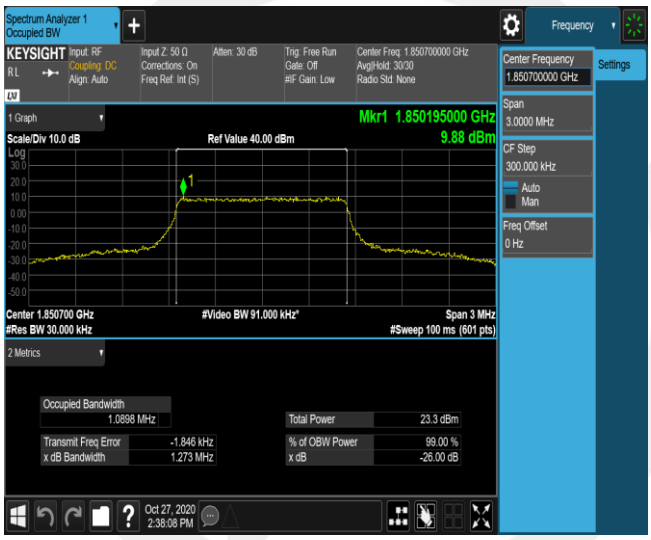


Band2-1.4MHz-16QAM-18607-6RB#0-1.0898



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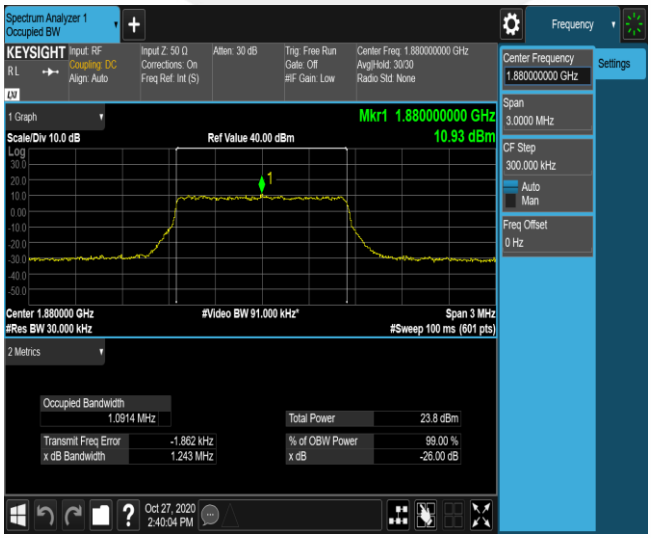

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