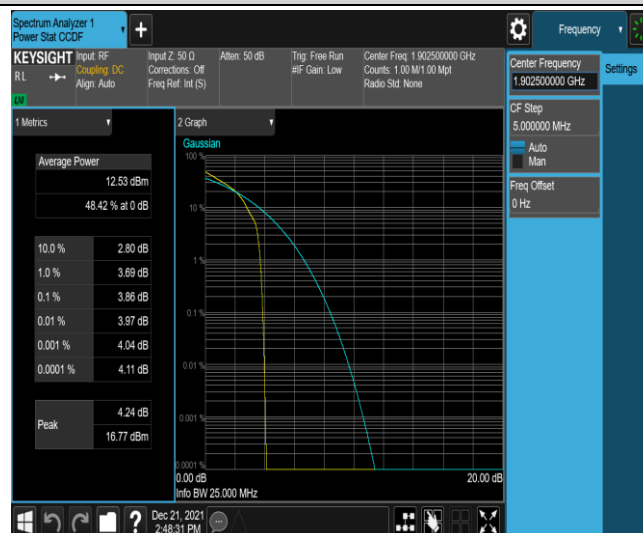
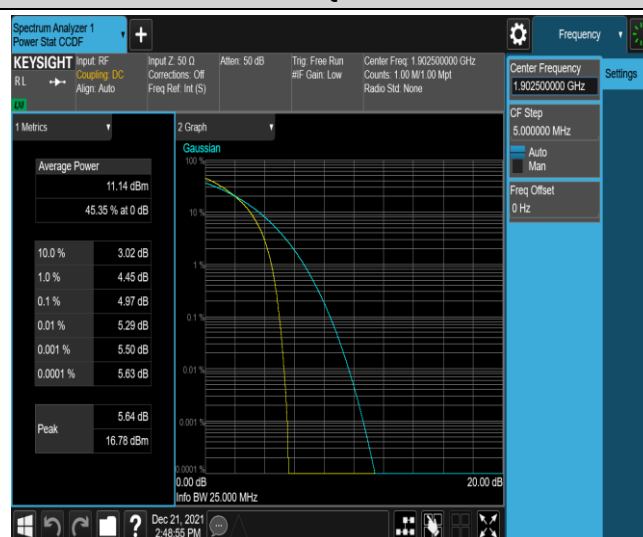




Band2-15MHz-16QAM-18900-75RB#0



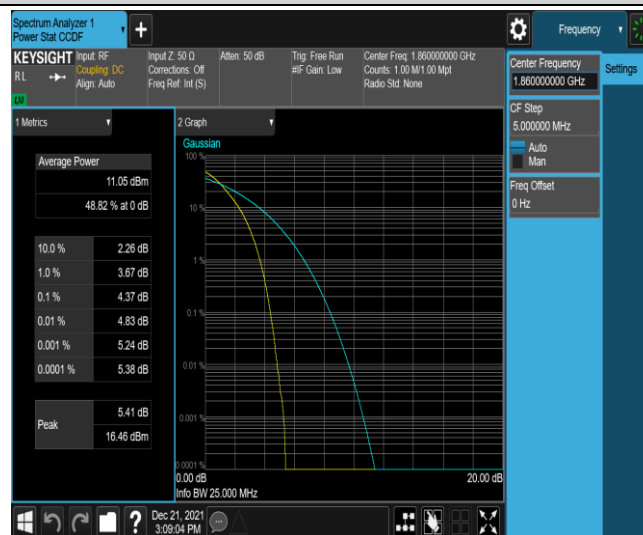
Band2-15MHz-16QAM-19125-1RB#0



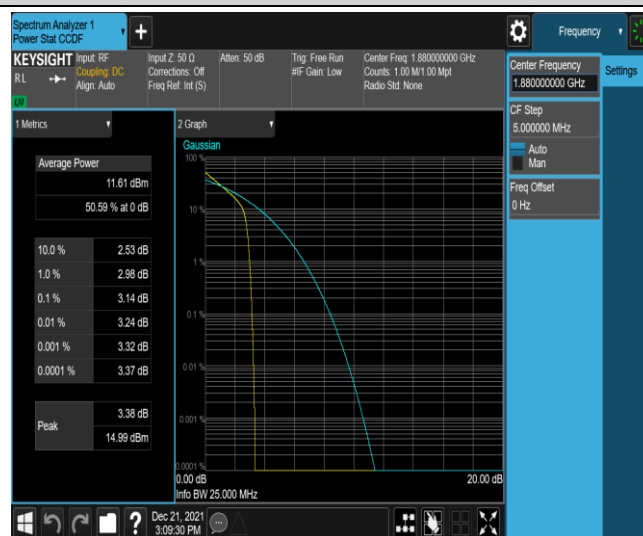
Band2-15MHz-16QAM-19125-75RB#0



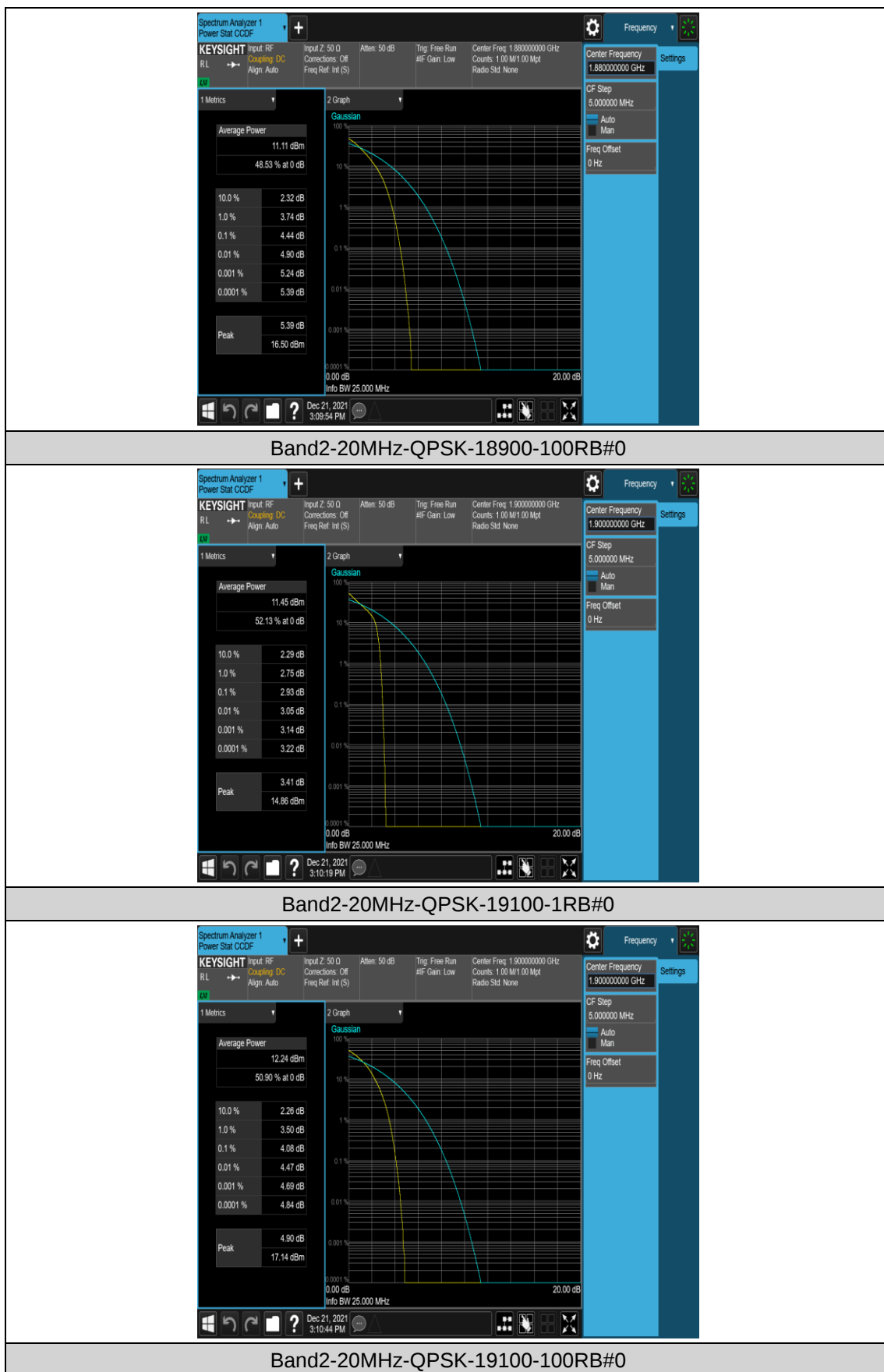
Band2-20MHz-QPSK-18700-1RB#0

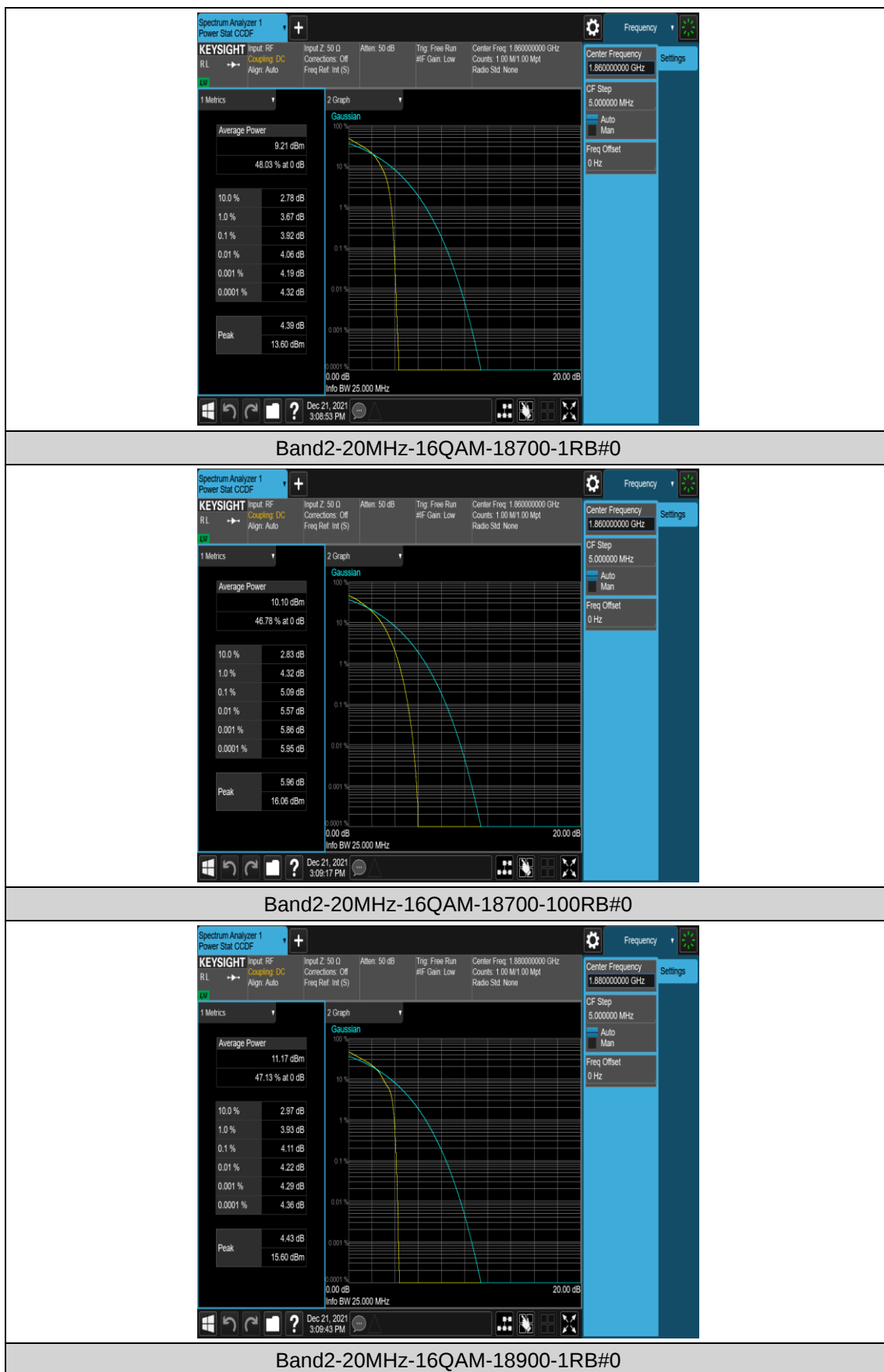


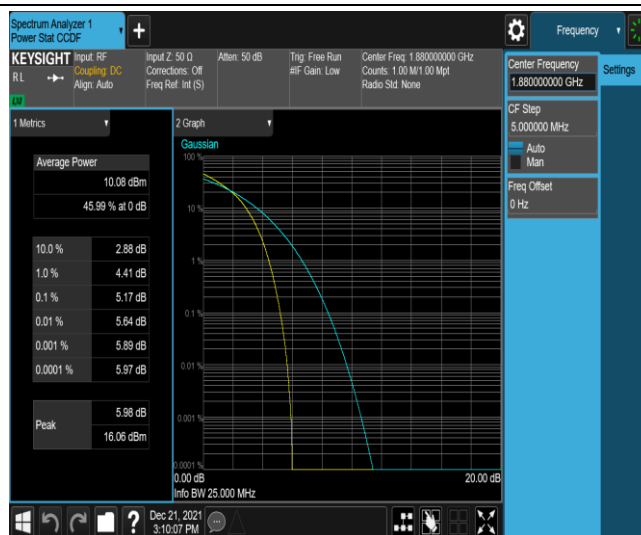
Band2-20MHz-QPSK-18700-100RB#0



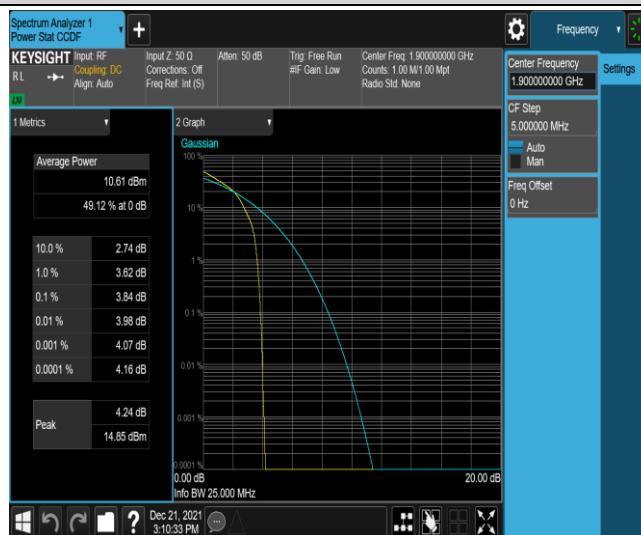
Band2-20MHz-QPSK-18900-1RB#0



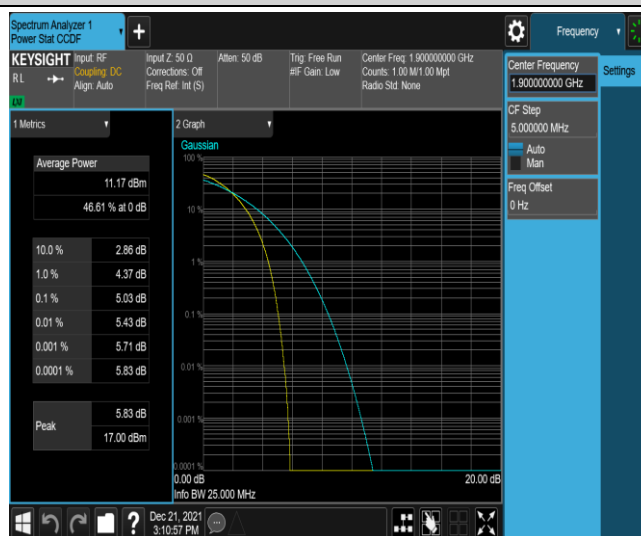




Band2-20MHz-16QAM-18900-100RB#0



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



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

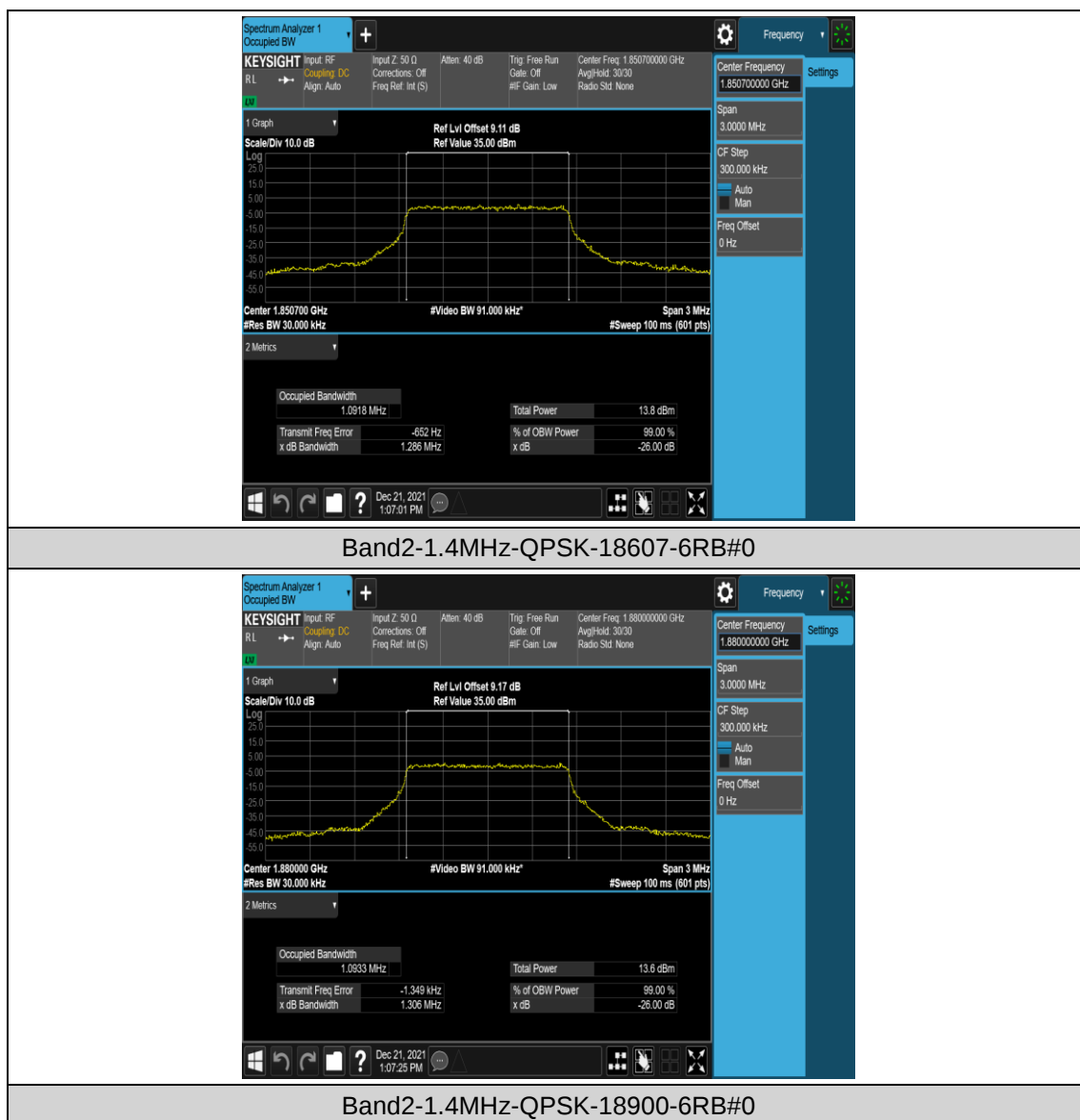
Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	1.0918	1.286	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	1.0933	1.306	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1.0934	1.330	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1.0919	1.290	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.0891	1.273	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1.0920	1.275	PASS
Band2	3MHz	QPSK	18615	15RB#0	2.6931	2.926	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.6995	2.939	PASS
Band2	3MHz	QPSK	19185	15RB#0	2.7024	2.964	PASS
Band2	3MHz	16QAM	18615	15RB#0	2.6892	2.922	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.6930	2.930	PASS
Band2	3MHz	16QAM	19185	15RB#0	2.6985	2.931	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.5001	4.960	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.5021	4.955	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.5109	4.914	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.5062	4.929	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.4993	4.912	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.5122	4.908	PASS
Band2	10MHz	QPSK	18650	50RB#0	8.9827	9.802	PASS
Band2	10MHz	QPSK	18900	50RB#0	8.9719	9.639	PASS
Band2	10MHz	QPSK	19150	50RB#0	8.9585	9.630	PASS
Band2	10MHz	16QAM	18650	50RB#0	8.9677	9.664	PASS
Band2	10MHz	16QAM	18900	50RB#0	8.9682	9.634	PASS
Band2	10MHz	16QAM	19150	50RB#0	8.9502	9.542	PASS
Band2	15MHz	QPSK	18675	75RB#0	13.484	14.84	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.441	14.54	PASS
Band2	15MHz	QPSK	19125	75RB#0	13.377	14.24	PASS
Band2	15MHz	16QAM	18675	75RB#0	13.473	14.53	PASS
Band2	15MHz	16QAM	18900	75RB#0	13.441	14.35	PASS
Band2	15MHz	16QAM	19125	75RB#0	13.357	14.24	PASS
Band2	20MHz	QPSK	18700	100RB#0	17.931	19.14	PASS
Band2	20MHz	QPSK	18900	100RB#0	17.919	19.08	PASS
Band2	20MHz	QPSK	19100	100RB#0	17.745	18.90	PASS

Band2	20MHz	16QAM	18700	100RB#0	17.932	19.04	PASS
Band2	20MHz	16QAM	18900	100RB#0	17.937	19.00	PASS
Band2	20MHz	16QAM	19100	100RB#0	17.760	18.89	PASS

Test Graphs



Spectrum Analyzer 1
Occupied BW

KEYSIGHT Input: RF
RL → **Coupling** DC
Align: Auto

Input Z: 50 Ω Attenu: 40 dB Trig: Free Run Gate: Off Center Freq: 1.850700000 GHz
Freq Ref: Int (S) #F: Gain: Low Avg/Hold: 3030 Radio Std: None

1 Graph
Scale/Div: 10.0 dB
Log
25.0
15.0
5.00
-5.00
-15.0
-25.0
-35.0
-45.0
-55.0

Ref Lvl Offset 9.11 dB
Ref Value 35.00 dBm

Center 1.850700 GHz #Video BW 91.000 kHz* Span 3 MHz
#Res BW 30.000 kHz #Sweep 100 ms (601 pts)

2 Metrics

Occupied Bandwidth	1.0819 MHz	Total Power	13.0 dBm
Transmit Freq Error	-268 Hz	% of OBW Power	99.00 %
x dB Bandwidth	1.290 MHz	x dB	-26.00 dB

Dec 21, 2021 1:07:14 PM

Spectrum Analyzer 1
Occupied BW

KEYSIGHT Input: RF
RL → **Coupling** DC
Align: Auto

Input Z: 50 Ω
Corrections: Off
Freq Ref: Int (S)

Attenu: 40 dB
Trig: Free Run
Gate: Off
#F Gain: Low

Center Freq: 1.880000000 GHz
Avg/Hold: 30/30
Radio Std: None

1 Graph
Scale/Div: 10.0 dB
Ref Lvl Offset: 6.17 dB
Ref Value: 33.00 dBm

Log
25.0
15.0
5.00
-5.00
-15.0
-25.0
-35.0
-45.0
-55.0

Center: 1.880000 GHz
#Res BW: 30.000 kHz
#Video BW: 91.000 kHz*
Span: 3 MHz
#Sweep: 100 ms (601 pts)

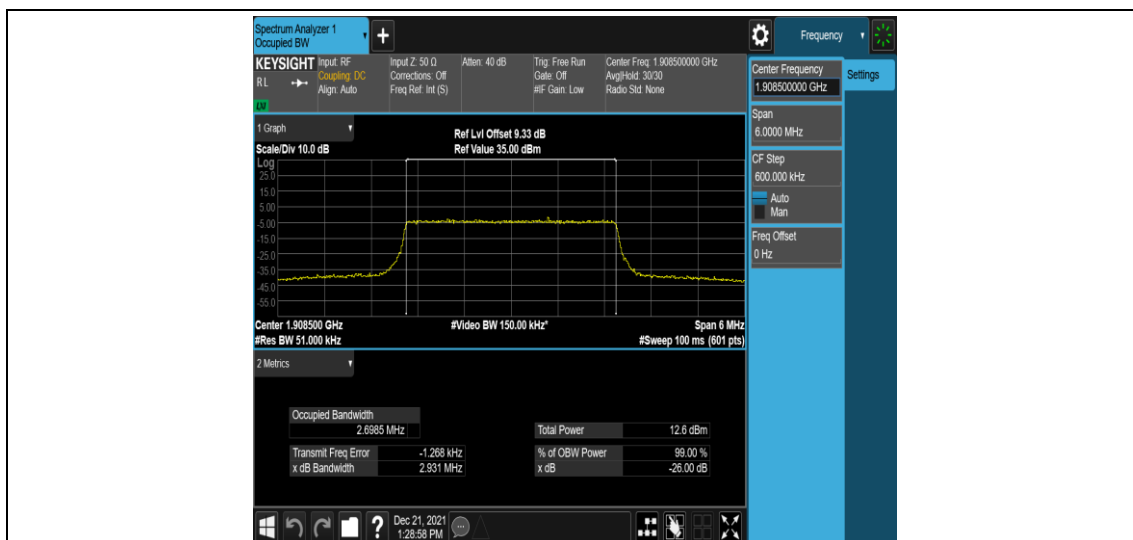
2 Metrics

Occupied Bandwidth	1.0891 MHz	Total Power	13.1 dBm
Transmit Freq Error	331 Hz	% of OBW Power	99.00 %
x dB Bandwidth	1.273 MHz	x dB	-26.00 dB

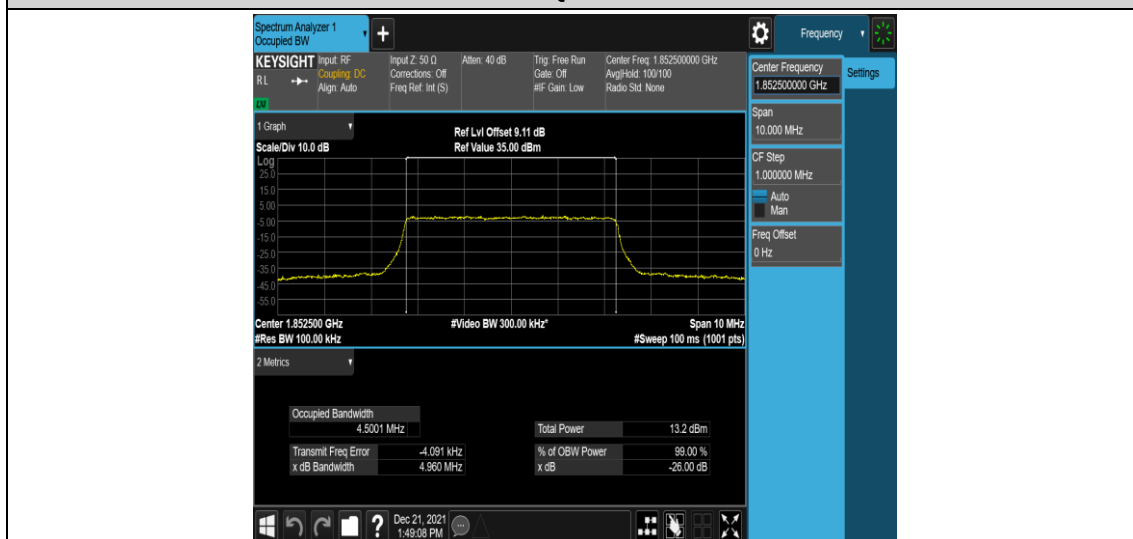
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Band2-3MHz-16QAM-19185-15RB#0



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



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





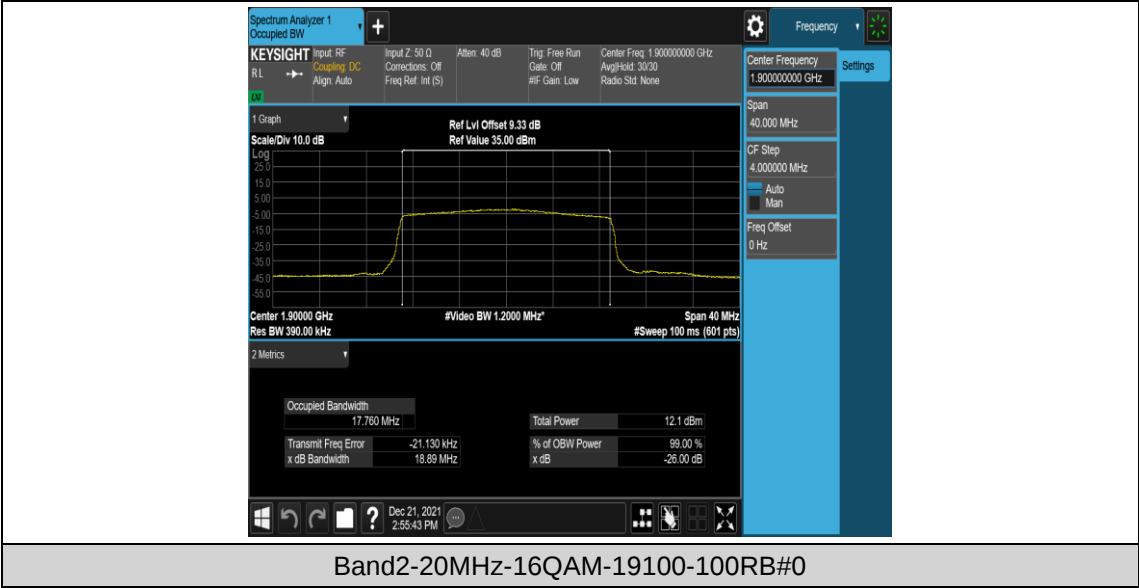












Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	PASS
Band2	1.4MHz	QPSK	18607	1RB#5	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	PASS
Band2	1.4MHz	16QAM	18607	1RB#5	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	PASS
Band2	3MHz	QPSK	18615	1RB#0	PASS
Band2	3MHz	QPSK	18615	1RB#14	PASS
Band2	3MHz	QPSK	18615	15RB#0	PASS
Band2	3MHz	QPSK	19185	1RB#0	PASS
Band2	3MHz	QPSK	19185	1RB#14	PASS
Band2	3MHz	QPSK	19185	15RB#0	PASS
Band2	3MHz	16QAM	18615	1RB#0	PASS
Band2	3MHz	16QAM	18615	1RB#14	PASS
Band2	3MHz	16QAM	18615	15RB#0	PASS
Band2	3MHz	16QAM	19185	1RB#0	PASS
Band2	3MHz	16QAM	19185	1RB#14	PASS
Band2	3MHz	16QAM	19185	15RB#0	PASS
Band2	5MHz	QPSK	18625	1RB#0	PASS
Band2	5MHz	QPSK	18625	1RB#24	PASS
Band2	5MHz	QPSK	18625	25RB#0	PASS
Band2	5MHz	QPSK	19175	1RB#0	PASS
Band2	5MHz	QPSK	19175	1RB#24	PASS
Band2	5MHz	QPSK	19175	25RB#0	PASS
Band2	5MHz	16QAM	18625	1RB#0	PASS
Band2	5MHz	16QAM	18625	1RB#24	PASS
Band2	5MHz	16QAM	18625	25RB#0	PASS
Band2	5MHz	16QAM	19175	1RB#0	PASS
Band2	5MHz	16QAM	19175	1RB#24	PASS

Band2	5MHz	16QAM	19175	25RB#0	PASS
Band2	10MHz	QPSK	18650	1RB#0	PASS
Band2	10MHz	QPSK	18650	1RB#49	PASS
Band2	10MHz	QPSK	18650	50RB#0	PASS
Band2	10MHz	QPSK	19150	1RB#0	PASS
Band2	10MHz	QPSK	19150	1RB#49	PASS
Band2	10MHz	QPSK	19150	50RB#0	PASS
Band2	10MHz	16QAM	18650	1RB#0	PASS
Band2	10MHz	16QAM	18650	1RB#49	PASS
Band2	10MHz	16QAM	18650	50RB#0	PASS
Band2	10MHz	16QAM	19150	1RB#0	PASS
Band2	10MHz	16QAM	19150	1RB#49	PASS
Band2	10MHz	16QAM	19150	50RB#0	PASS
Band2	15MHz	QPSK	18675	1RB#0	PASS
Band2	15MHz	QPSK	18675	1RB#74	PASS
Band2	15MHz	QPSK	18675	75RB#0	PASS
Band2	15MHz	QPSK	19125	1RB#0	PASS
Band2	15MHz	QPSK	19125	1RB#74	PASS
Band2	15MHz	QPSK	19125	75RB#0	PASS
Band2	15MHz	16QAM	18675	1RB#0	PASS
Band2	15MHz	16QAM	18675	1RB#74	PASS
Band2	15MHz	16QAM	18675	75RB#0	PASS
Band2	15MHz	16QAM	19125	1RB#0	PASS
Band2	15MHz	16QAM	19125	1RB#74	PASS
Band2	15MHz	16QAM	19125	75RB#0	PASS
Band2	20MHz	QPSK	18700	1RB#0	PASS
Band2	20MHz	QPSK	18700	1RB#99	PASS
Band2	20MHz	QPSK	18700	100RB#0	PASS
Band2	20MHz	QPSK	19100	1RB#0	PASS
Band2	20MHz	QPSK	19100	1RB#99	PASS
Band2	20MHz	QPSK	19100	100RB#0	PASS
Band2	20MHz	16QAM	18700	1RB#0	PASS
Band2	20MHz	16QAM	18700	1RB#99	PASS
Band2	20MHz	16QAM	18700	100RB#0	PASS
Band2	20MHz	16QAM	19100	1RB#0	PASS
Band2	20MHz	16QAM	19100	1RB#99	PASS
Band2	20MHz	16QAM	19100	100RB#0	PASS

Test Graphs



