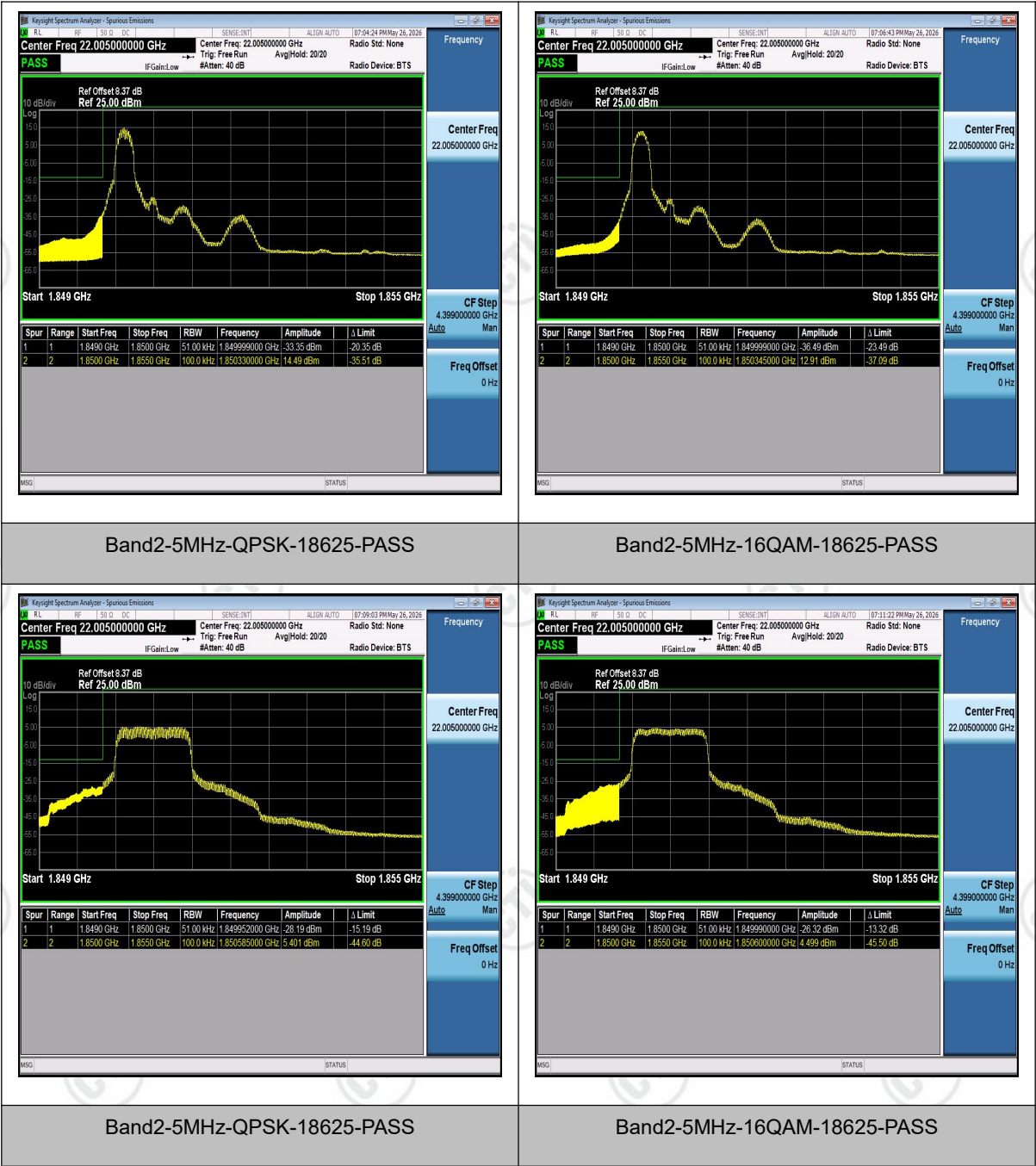
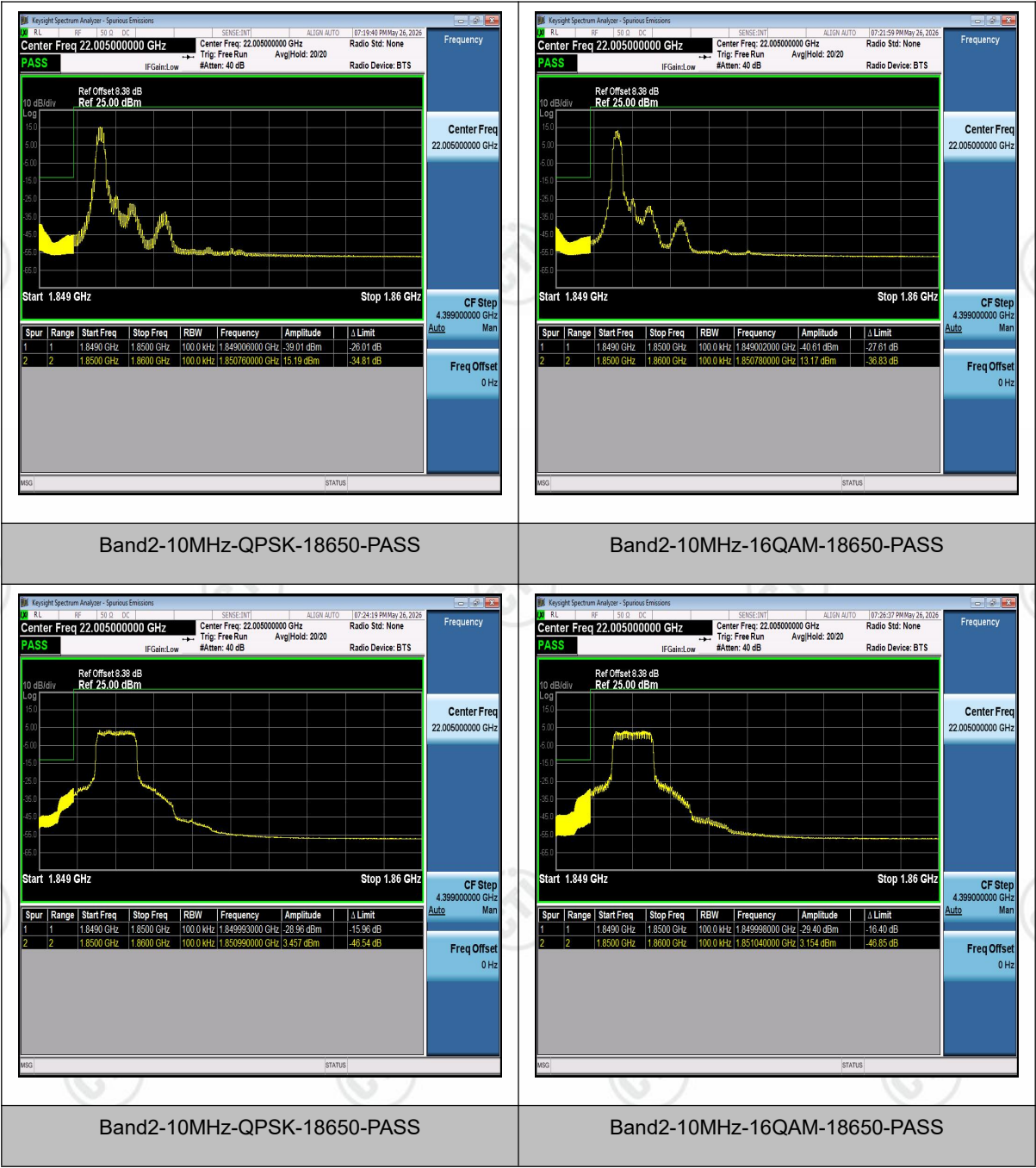






Keylight Spectrum Analyzer - Spurious Emissions

RL

IF 150.0 DC

SENSE:INT1

ALIGN: AUTO

07:24:19 PM May 26, 2026

Center Freq: 22.005000000 GHz

Center Freq: 22.005000000 GHz

Radio Std: None

PASS

IF Gain: Low

#Att: 40 dB

Avg/Hold: 20/20

Radio Device: BTS

Frequency

Ref Offset: 8.38 dB

Ref: 25.00 dBm

10 dB/div

Log

Start 1.849 GHz

Stop 1.86 GHz

CF Step 4.399000000 GHz

Spur

Range

Start Freq

Stop Freq

RBW

Frequency

Amplitude

Δ Limit

1

1

1.8490 GHz

1.8500 GHz

100.0 kHz

1.849990000 GHz

-28.96 dBm

-15.96 dB

2

2

1.8500 GHz

1.8600 GHz

100.0 kHz

1.850990000 GHz

3.457 dBm

-46.54 dB

Frequency Offset

0 Hz

MSG

STATUS

Band2-10MHz-QPSK-18650-PASS

Keylight Spectrum Analyzer - Spurious Emissions

RL

IF 150.0 DC

SENSE:INT1

ALIGN: AUTO

07:26:37 PM May 26, 2026

Center Freq: 22.005000000 GHz

Center Freq: 22.005000000 GHz

Radio Std: None

PASS

IF Gain: Low

#Att: 40 dB

Avg/Hold: 20/20

Radio Device: BTS

Frequency

Ref Offset: 8.38 dB

Ref: 25.00 dBm

10 dB/div

Log

Start 1.849 GHz

Stop 1.86 GHz

CF Step 4.399000000 GHz

Spur

Range

Start Freq

Stop Freq

RBW

Frequency

Amplitude

Δ Limit

1

1

1.8490 GHz

1.8500 GHz

100.0 kHz

1.849998000 GHz

-29.40 dBm

-16.40 dB

2

2

1.8500 GHz

1.8600 GHz

100.0 kHz

1.851040000 GHz

3.154 dBm

-46.85 dB

Frequency Offset

0 Hz

MSG

STATUS

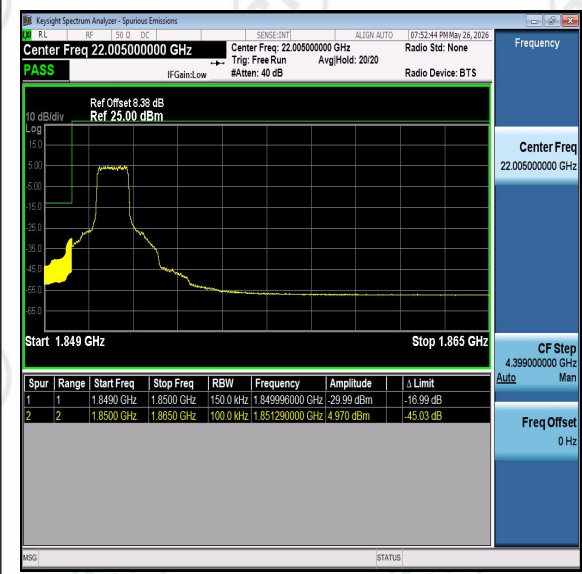
Band2-10MHz-16QAM-18650-PASS



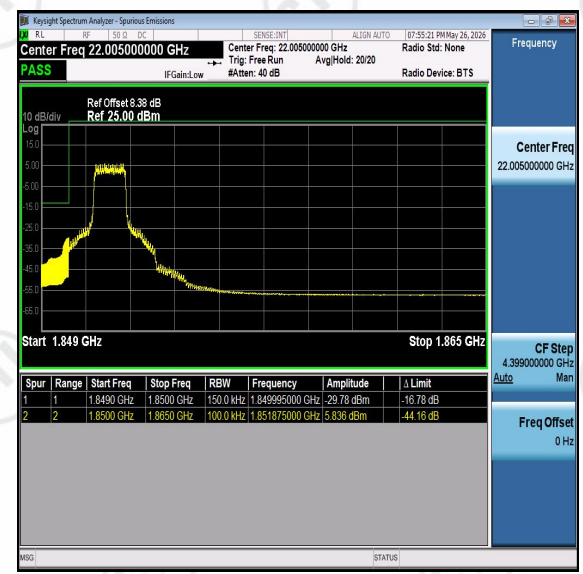
Band2-15MHz-QPSK-18675-PASS



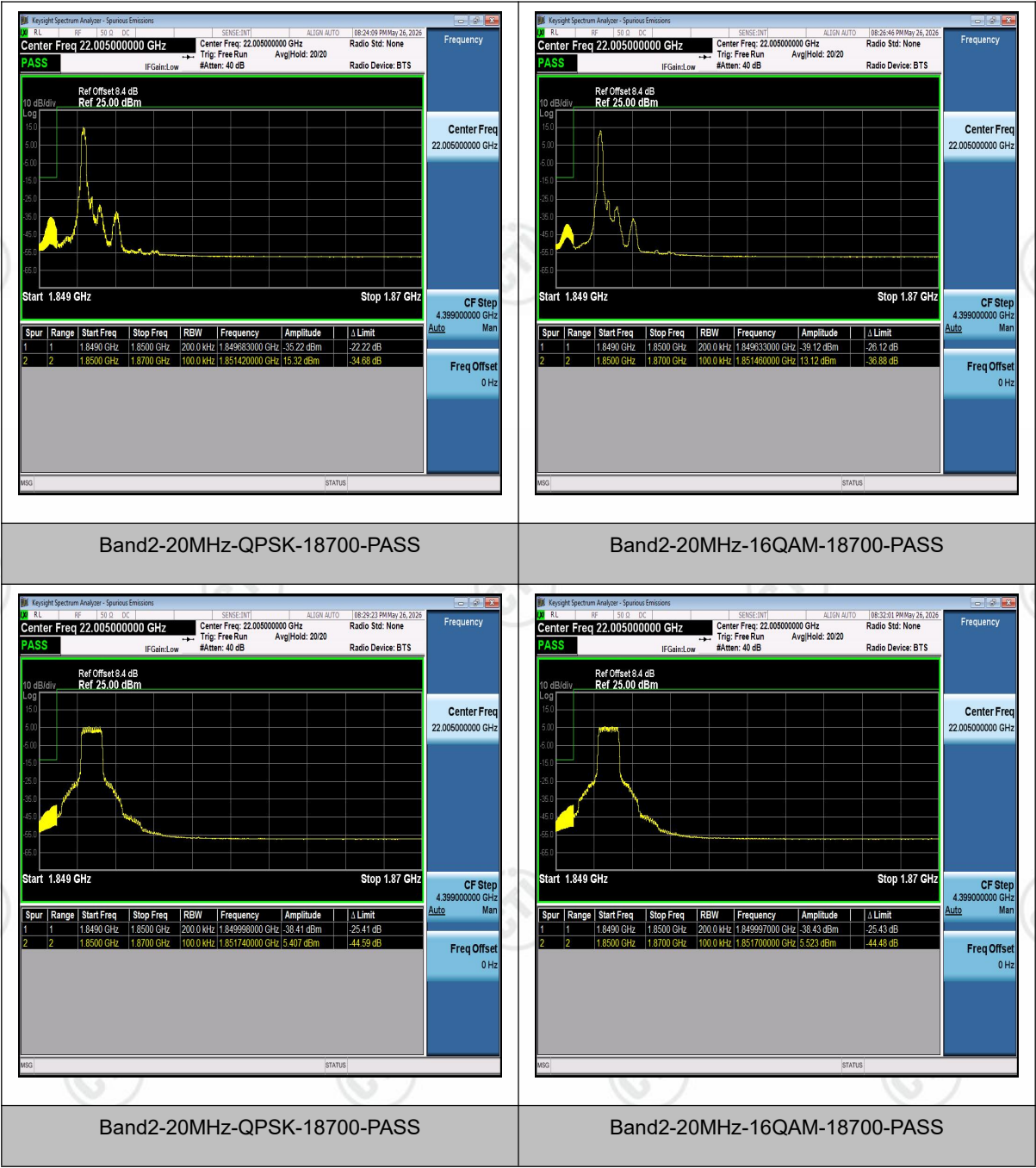
Band2-15MHz-16QAM-18675-PASS



Band2-15MHz-QPSK-18675-PASS



Band2-15MHz-16QAM-18675-PASS



Keylight Spectrum Analyzer - Spurious Emissions

RL 1 50.0 DC 1 SENSE:INT1 ALIGN: AUTO 08:29:23 PM May 26, 2026

Center Freq 22.005000000 GHz Center Freq: 22.005000000 GHz Radio Std: None

Trig: Free Run Avg/Hold: 20/20

IF Gain: Low #Atten: 40 dB Radio Device: BTS

Frequency

10 dB/div Ref Offset 8.4 dB Ref 25.00 dBm

Log

Start 1.849 GHz Stop 1.87 GHz

CF Step 4.399000000 GHz

Auto Man

Spur Range Start Freq Stop Freq RBW Frequency Amplitude Δ Limit

1 1 1.8490 GHz 1.8500 GHz 200.0 kHz 1.849998000 GHz -38.41 dBm -25.41 dB

2 2 1.8500 GHz 1.8700 GHz 100.0 kHz 1.851740000 GHz 5.407 dBm -44.59 dB

Frequency Offset 0 Hz

MSG STATUS

Band2-20MHz-QPSK-18700-PASS

Keylight Spectrum Analyzer - Spurious Emissions

RL 1 50.0 DC 1 SENSE:INT1 ALIGN: AUTO 08:32:01 PM May 26, 2026

Center Freq 22.005000000 GHz Center Freq: 22.005000000 GHz Radio Std: None

Trig: Free Run Avg/Hold: 20/20

IF Gain: Low #Atten: 40 dB Radio Device: BTS

Frequency

10 dB/div Ref Offset 8.4 dB Ref 25.00 dBm

Log

Start 1.849 GHz Stop 1.87 GHz

CF Step 4.399000000 GHz

Auto Man

Spur Range Start Freq Stop Freq RBW Frequency Amplitude Δ Limit

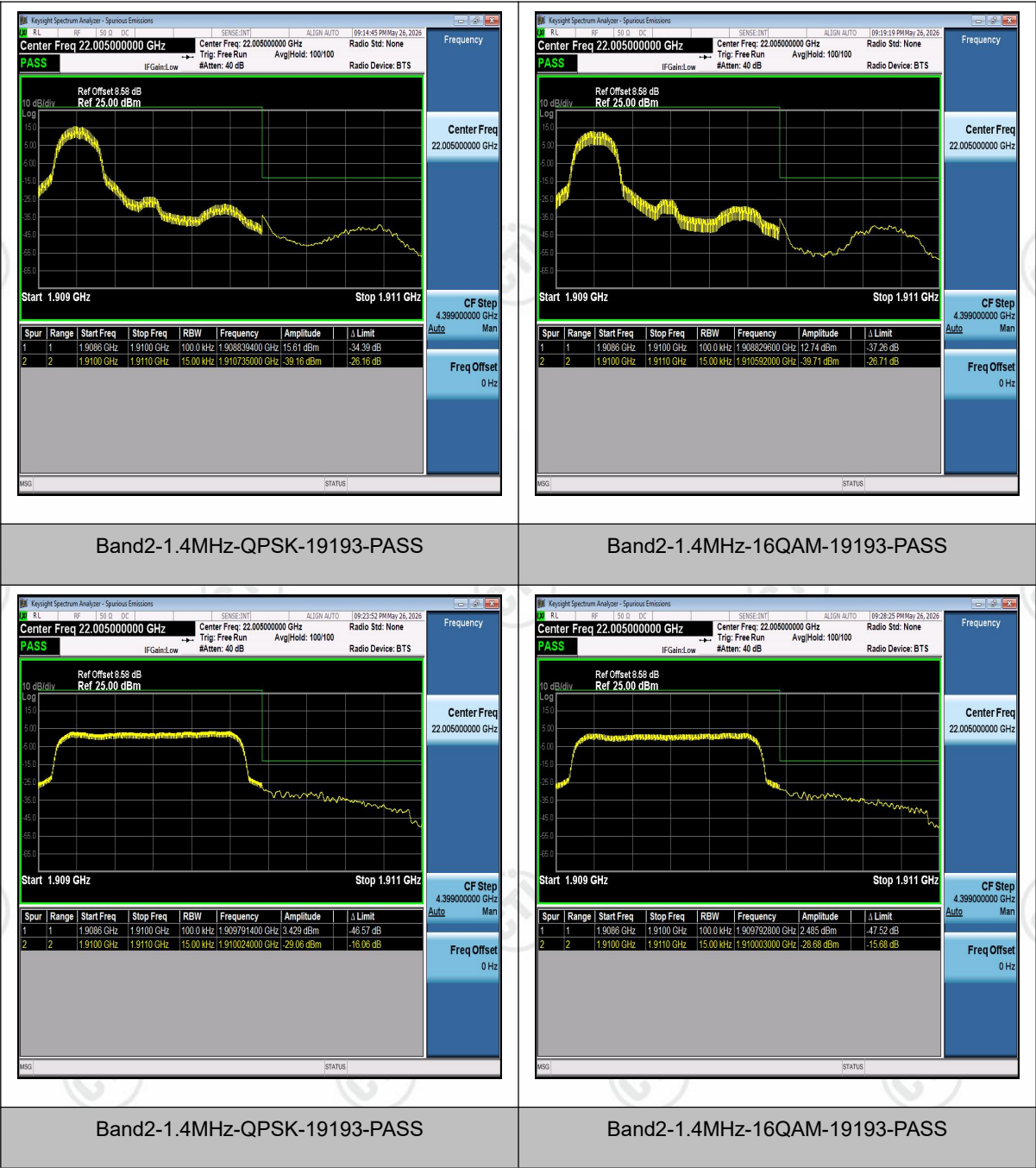
1 1 1.8490 GHz 1.8500 GHz 200.0 kHz 1.849997000 GHz -38.43 dBm -25.43 dB

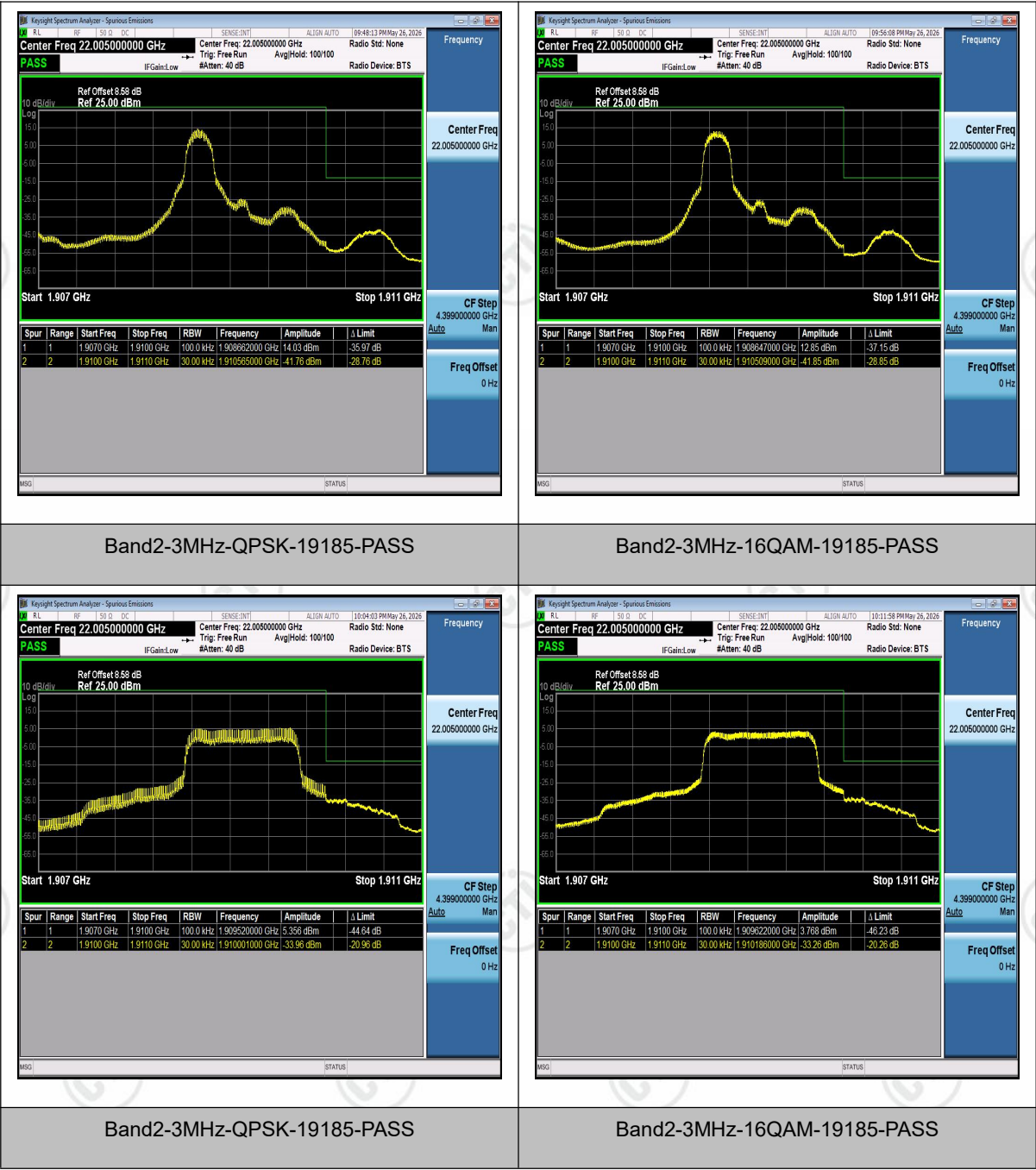
2 2 1.8500 GHz 1.8700 GHz 100.0 kHz 1.851700000 GHz 5.523 dBm -44.48 dB

Frequency Offset 0 Hz

MSG STATUS

Band2-20MHz-16QAM-18700-PASS





Keylight Spectrum Analyzer - Spurious Emissions

RL

RF

150.0

DC

SENSE:INT1

ALIGN: AUTO

10:04:03 PM May 26, 2026

Center Freq 22.005000000 GHz

Center Freq: 22.005000000 GHz

Radio Std: None

Trig: Free Run

Avg/Hold: 100/100

IF Gain: Low

#Atten: 40 dB

Radio Device: BTS

PASS

Ref Offset 8.58 dB

Ref 25.00 dBm

10 dB/div

Log

15.0

5.00

15.0

35.0

45.0

55.0

Start 1.907 GHz

Stop 1.911 GHz

CF Step 4.399000000 GHz

Auto

Man

Frequency

Center Freq 22.005000000 GHz

4.399000000 GHz

Spur

Range

Start Freq

Stop Freq

RBW

Frequency

Amplitude

Δ Limit

1

1

1.9070 GHz

1.9100 GHz

100.0 kHz

1.909520000 GHz

5.356 dBm

-44.84 dB

2

2

1.9100 GHz

1.9110 GHz

30.00 kHz

1.910001000 GHz

-33.96 dBm

-20.96 dB

Freq Offset 0 Hz

MSG

STATUS

Band2-3MHz-QPSK-19185-PASS

Keylight Spectrum Analyzer - Spurious Emissions

RL

RF

150.0

DC

SENSE:INT1

ALIGN: AUTO

10:11:58 PM May 26, 2026

Center Freq 22.005000000 GHz

Center Freq: 22.005000000 GHz

Radio Std: None

Trig: Free Run

Avg/Hold: 100/100

IF Gain: Low

#Atten: 40 dB

Radio Device: BTS

PASS

Ref Offset 8.58 dB

Ref 25.00 dBm

10 dB/div

Log

15.0

5.00

15.0

35.0

45.0

55.0

Start 1.907 GHz

Stop 1.911 GHz

CF Step 4.399000000 GHz

Auto

Man

Frequency

Center Freq 22.005000000 GHz

4.399000000 GHz

Spur

Range

Start Freq

Stop Freq

RBW

Frequency

Amplitude

Δ Limit

1

1

1.9070 GHz

1.9100 GHz

100.0 kHz

1.909622000 GHz

3.768 dBm

-46.23 dB

2

2

1.9100 GHz

1.9110 GHz

30.00 kHz

1.910186000 GHz

-33.26 dBm

-20.26 dB

Freq Offset 0 Hz

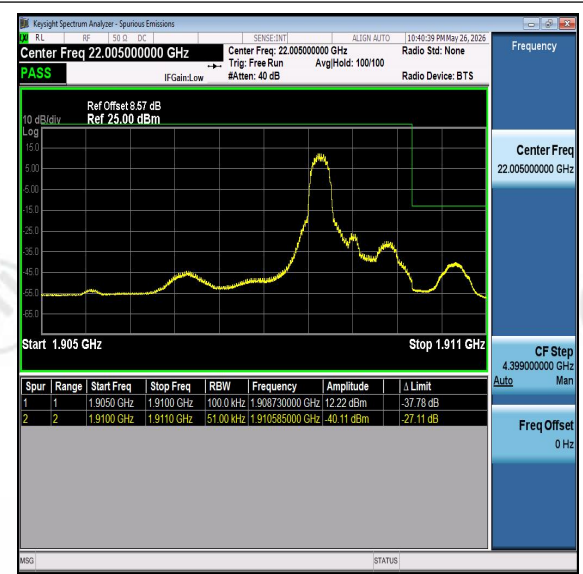
MSG

STATUS

Band2-3MHz-16QAM-19185-PASS



Band2-5MHz-QPSK-19175-PASS



Band2-5MHz-16QAM-19175-PASS



Band2-5MHz-QPSK-19175-PASS



Band2-5MHz-16QAM-19175-PASS

