Chart 1:

RBW = 1MHz
VBW = 3MHz
Detector = Average
Sweep = Max Hold Conducted Spurious Emissions (Low Channel)

Legend:
— Low Channel
— Limit

Y-axis: Amplitude (dBm) — 60, 50, 40, 30, 20, 10, 0, -10, -20, -30, -40, -50, -60, -70, -80, -90, -100

X-axis: Frequency — 30.0M, 100.0M, 1.0G, 2.5G

Chart 2:

RBW = 1MHz
VBW = 3MHz
Detector = Average
Sweep = Max Hold Conducted Spurious Emissions (Low Channel)

Legend:
— Low Channel
— Limit

Y-axis: Amplitude (dBm) — 0, -10, -20, -30, -40, -50, -60, -70, -80, -90, -100
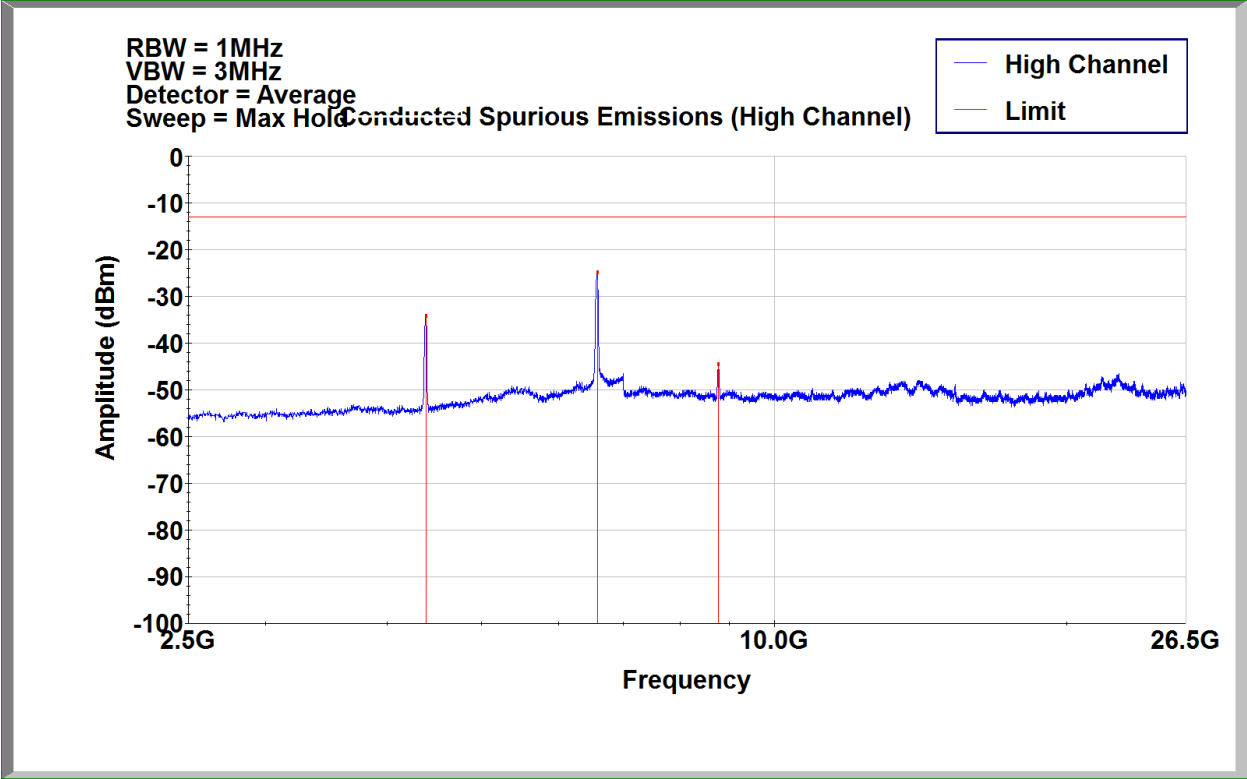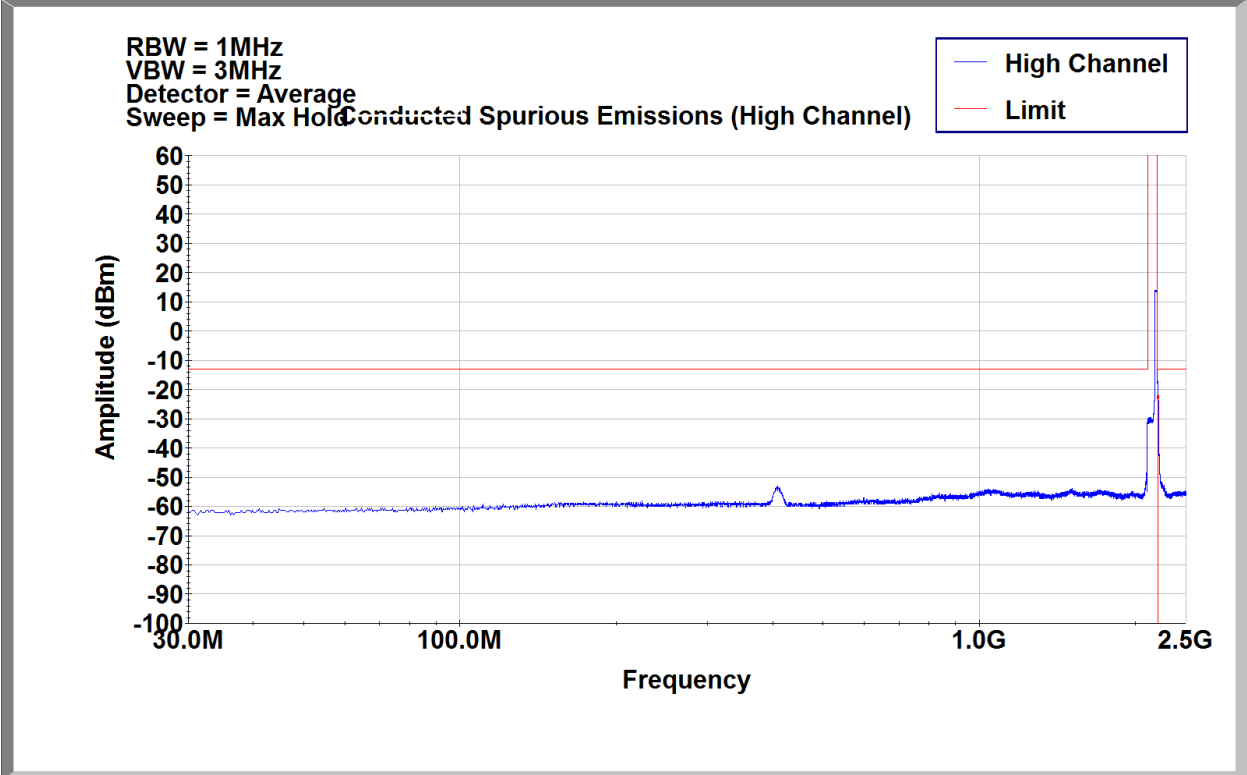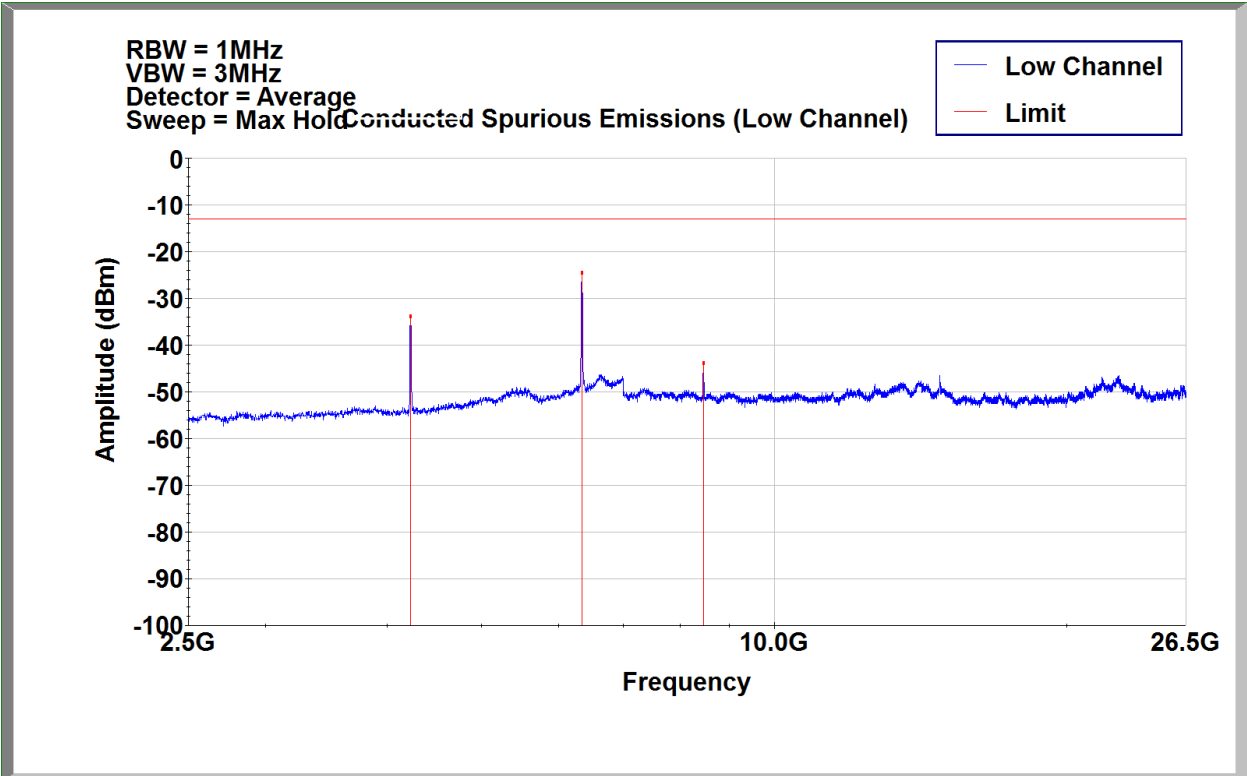
X-axis: Frequency — 2.5G, 10.0G, 26.5G
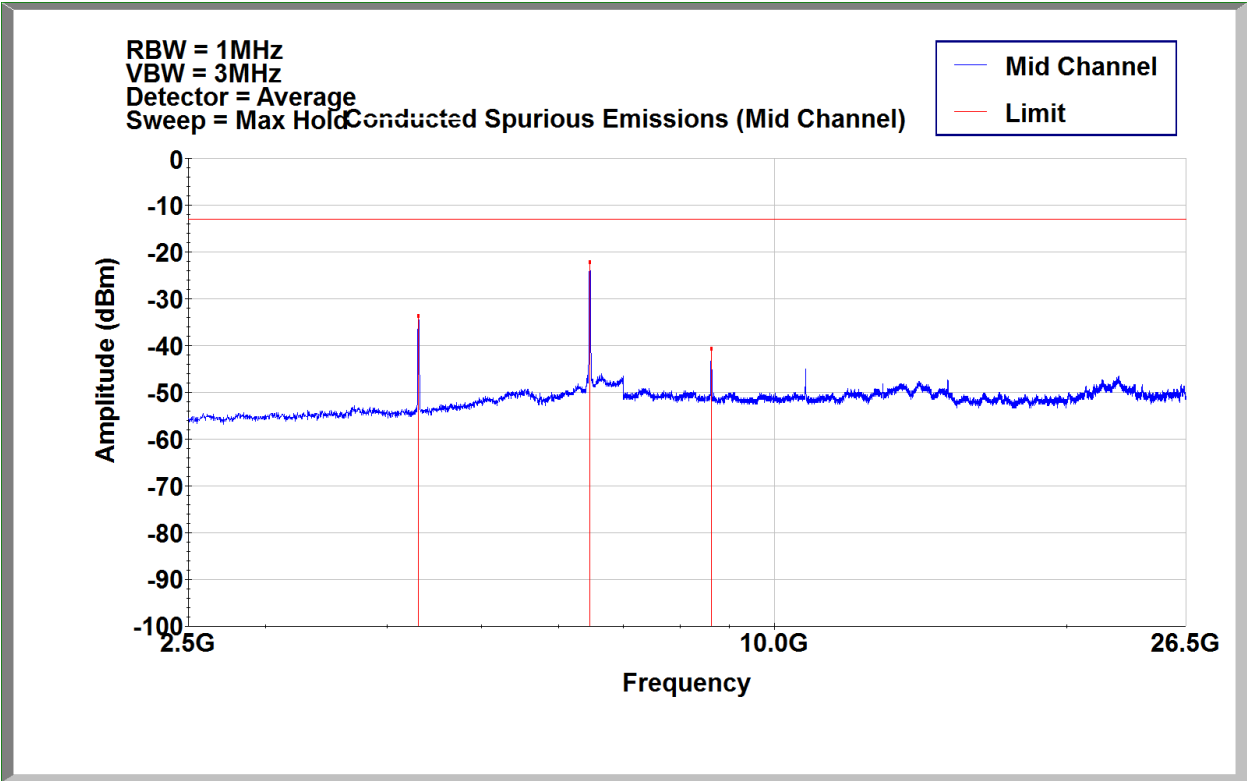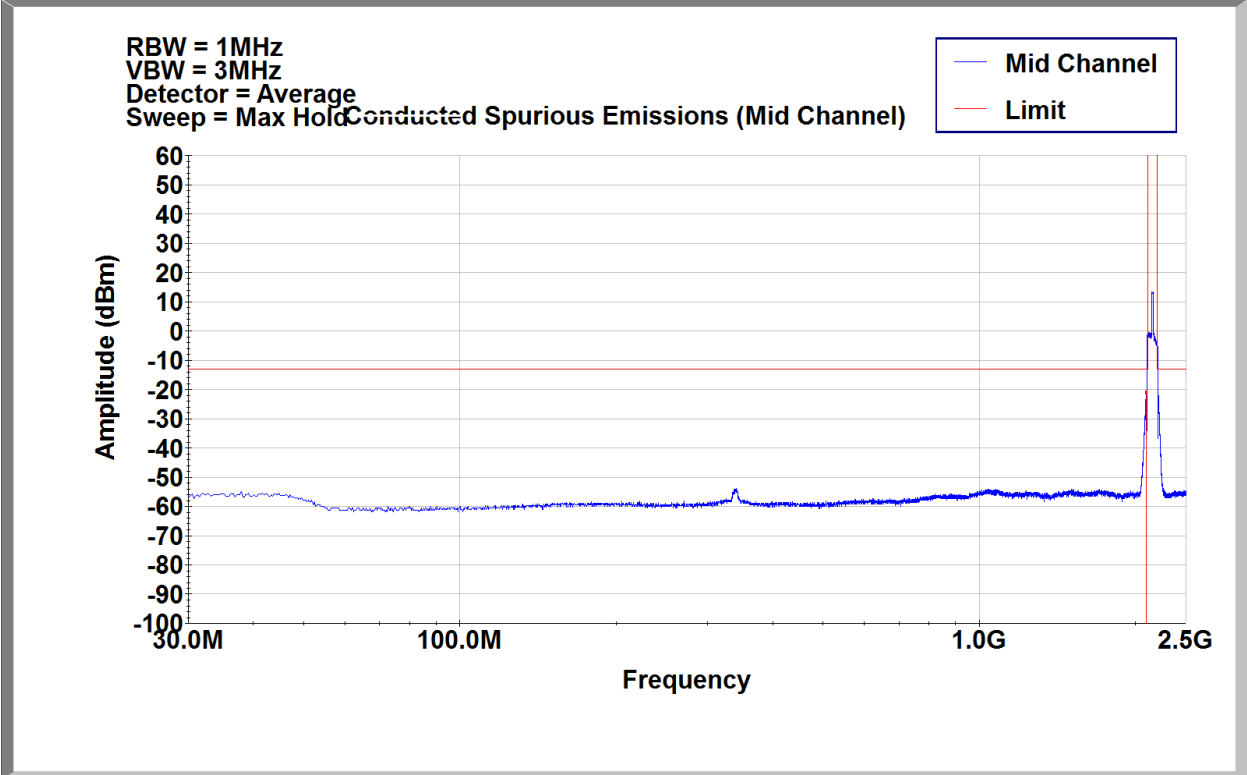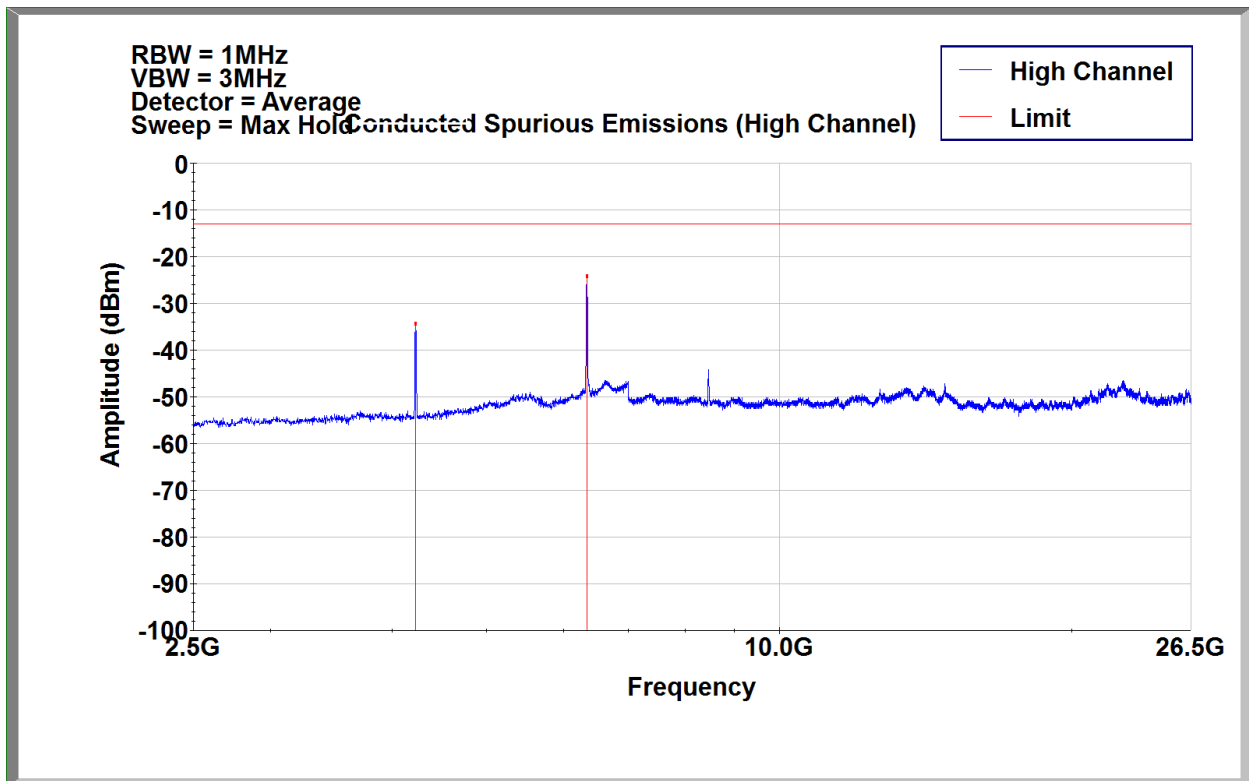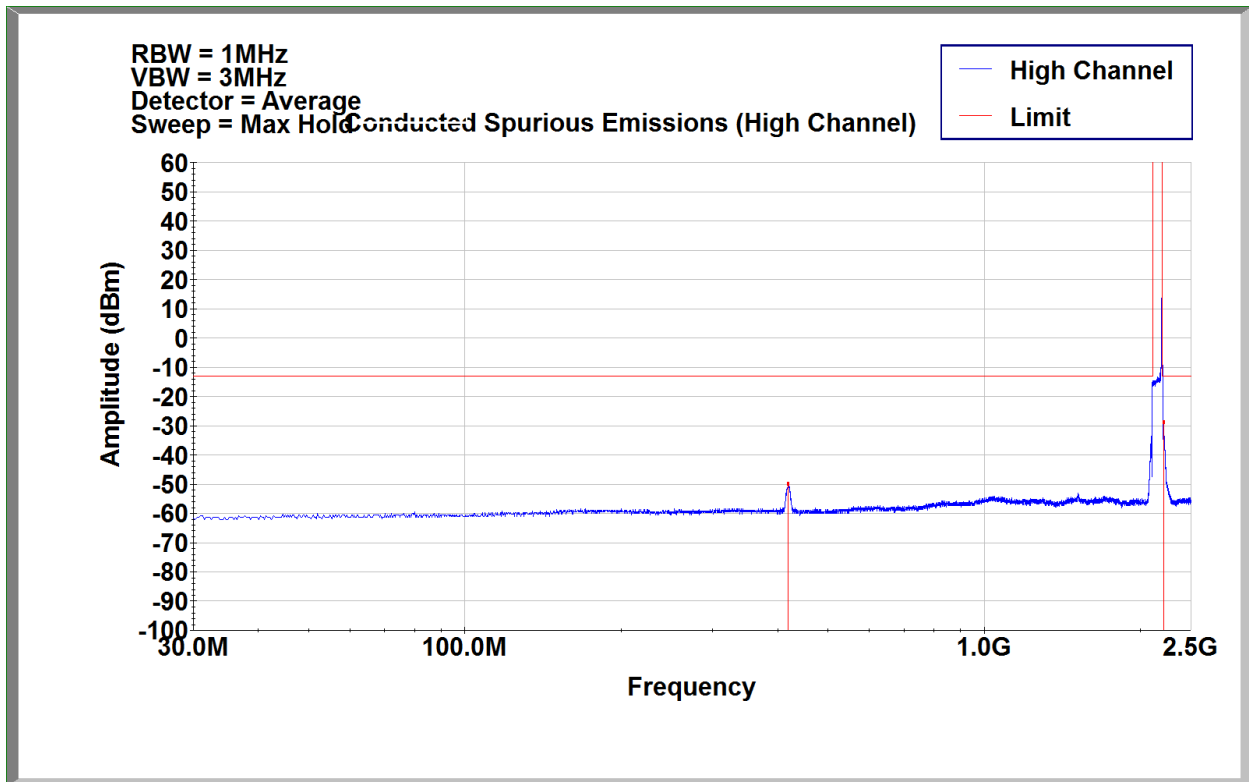
Band 66, 20MHz Bandwidth Setting, QPSK, Low Channel, Port A

Top chart:

RBW = 1MHz
VBW = 3MHz
Detector = Average
Sweep = Max Hold Conducted Spurious Emissions (Mid Channel)

Legend: Mid Channel, Limit

Y-axis: Amplitude (dBm), 60 to -100
X-axis: Frequency, 30.0M, 100.0M, 1.0G, 2.5G

Bottom chart:

RBW = 1MHz
VBW = 3MHz
Detector = Average
Sweep = Max Hold Conducted Spurious Emissions (Mid Channel)

Legend: Mid Channel, Limit

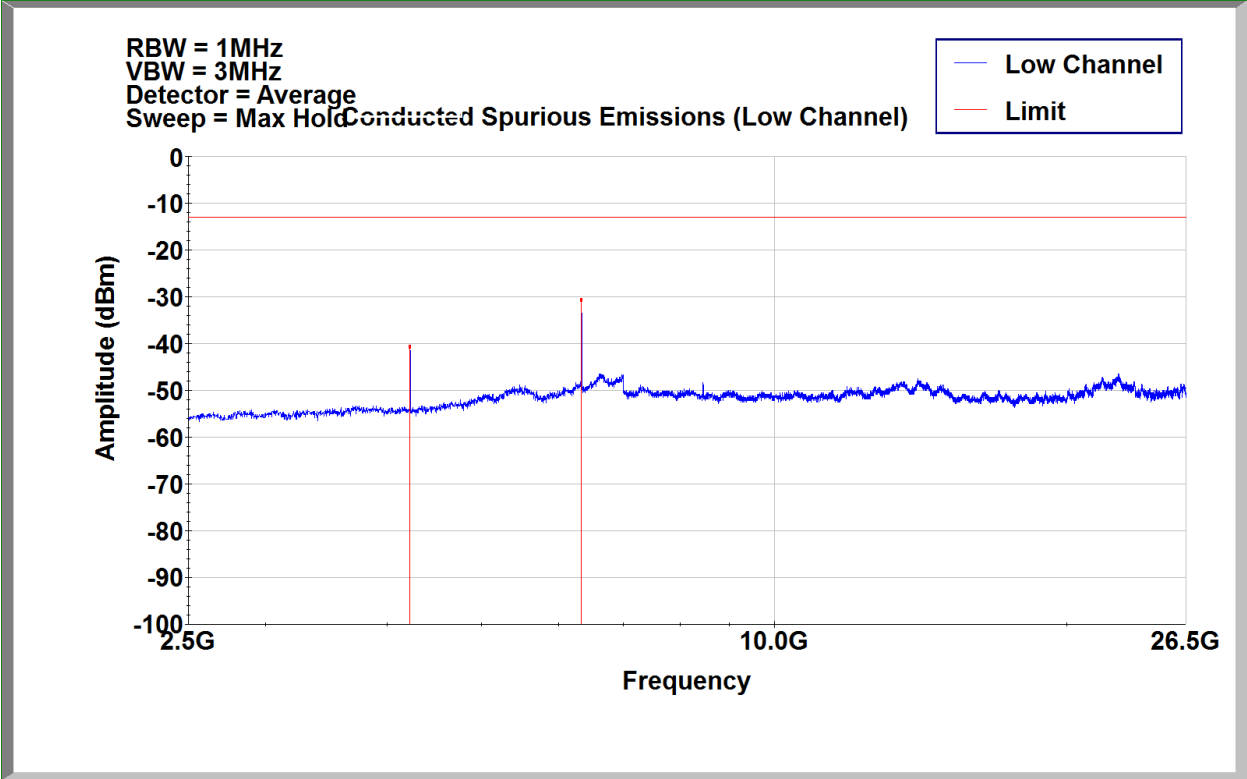Y-axis: Amplitude (dBm), 0 to -100
X-axis: Frequency, 2.5G, 10.0G, 26.5G

Band 66, 20MHz Bandwidth Setting, QPSK, Mid Channel, Port A
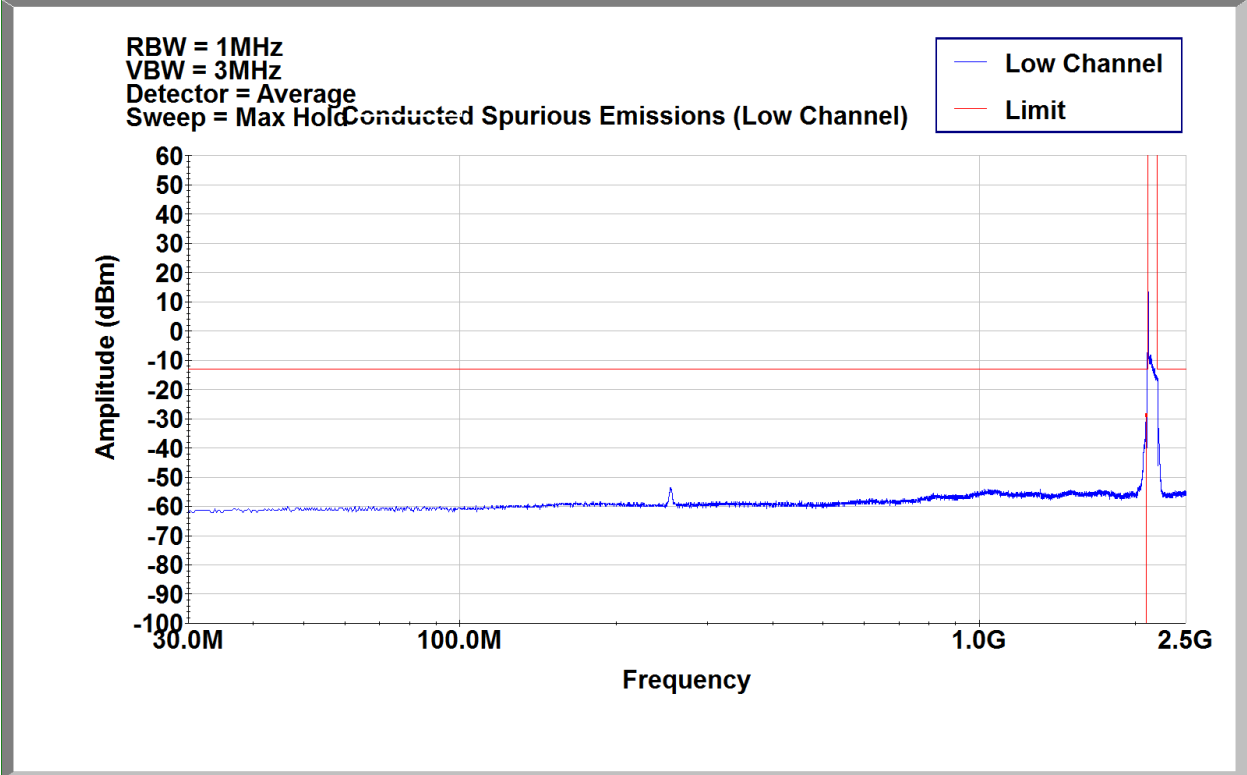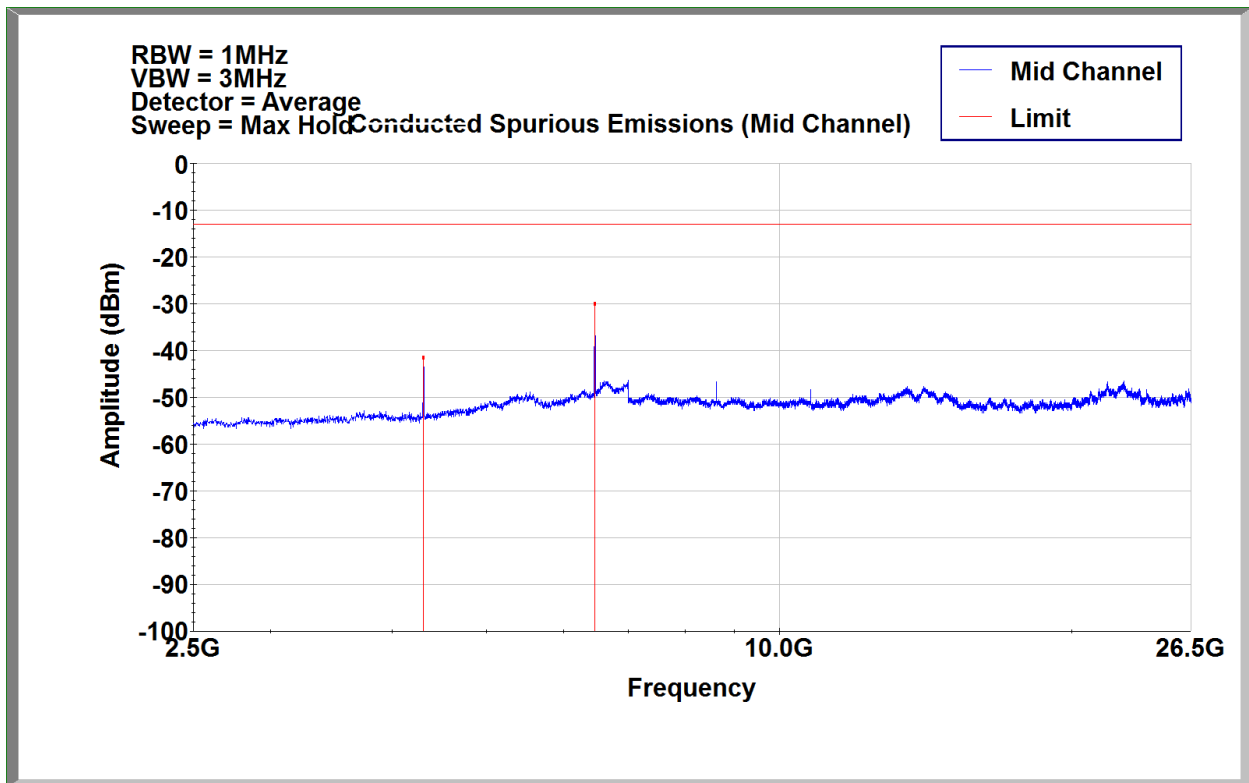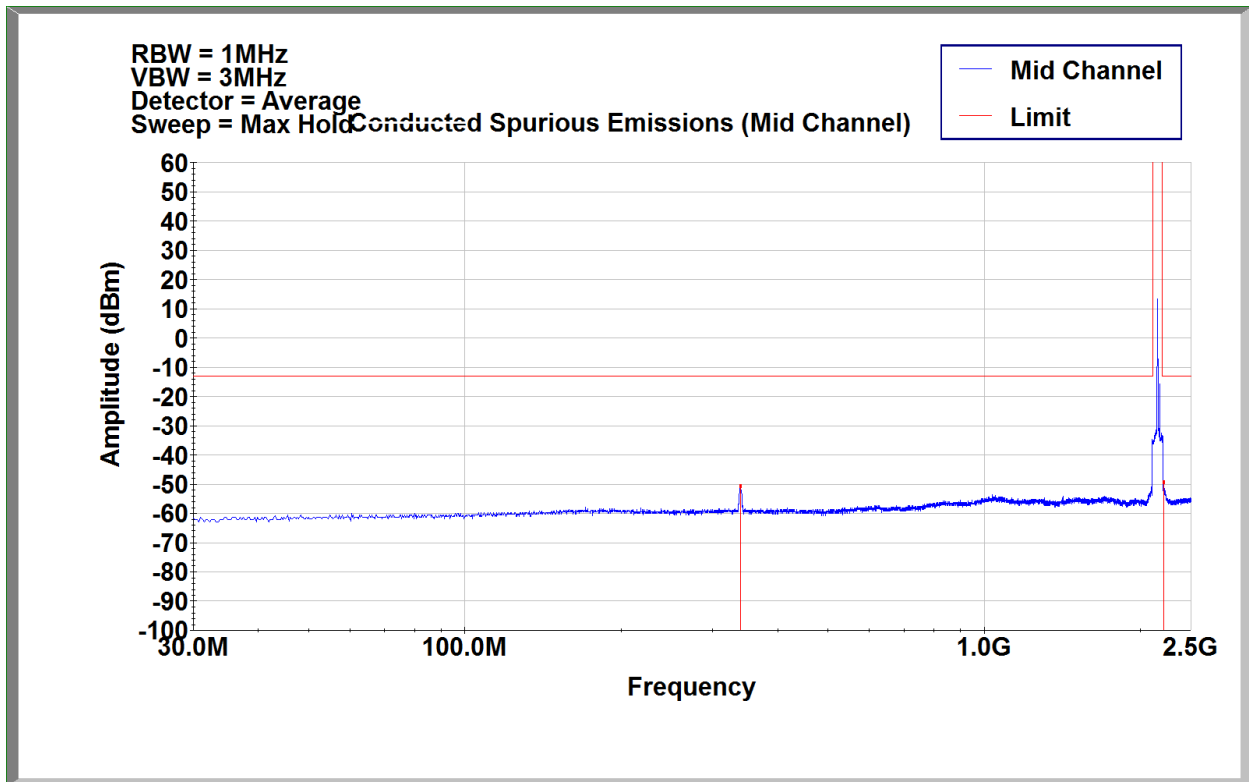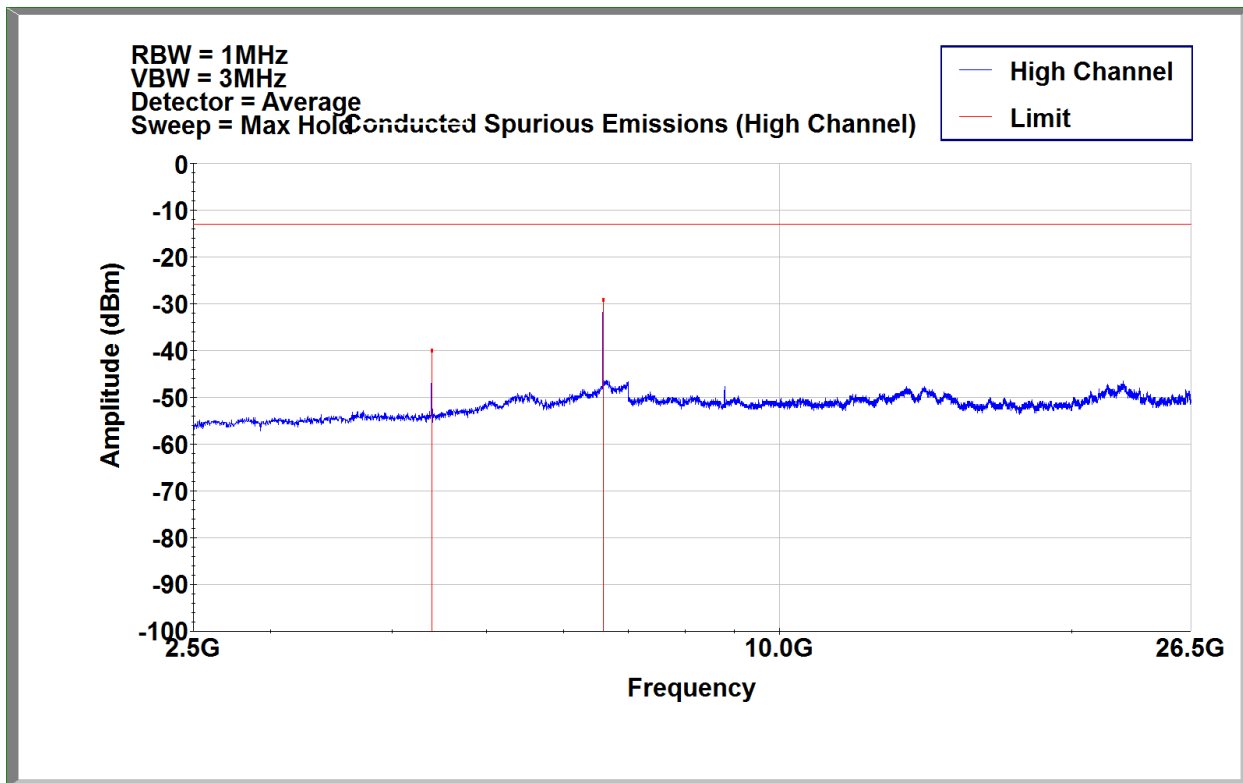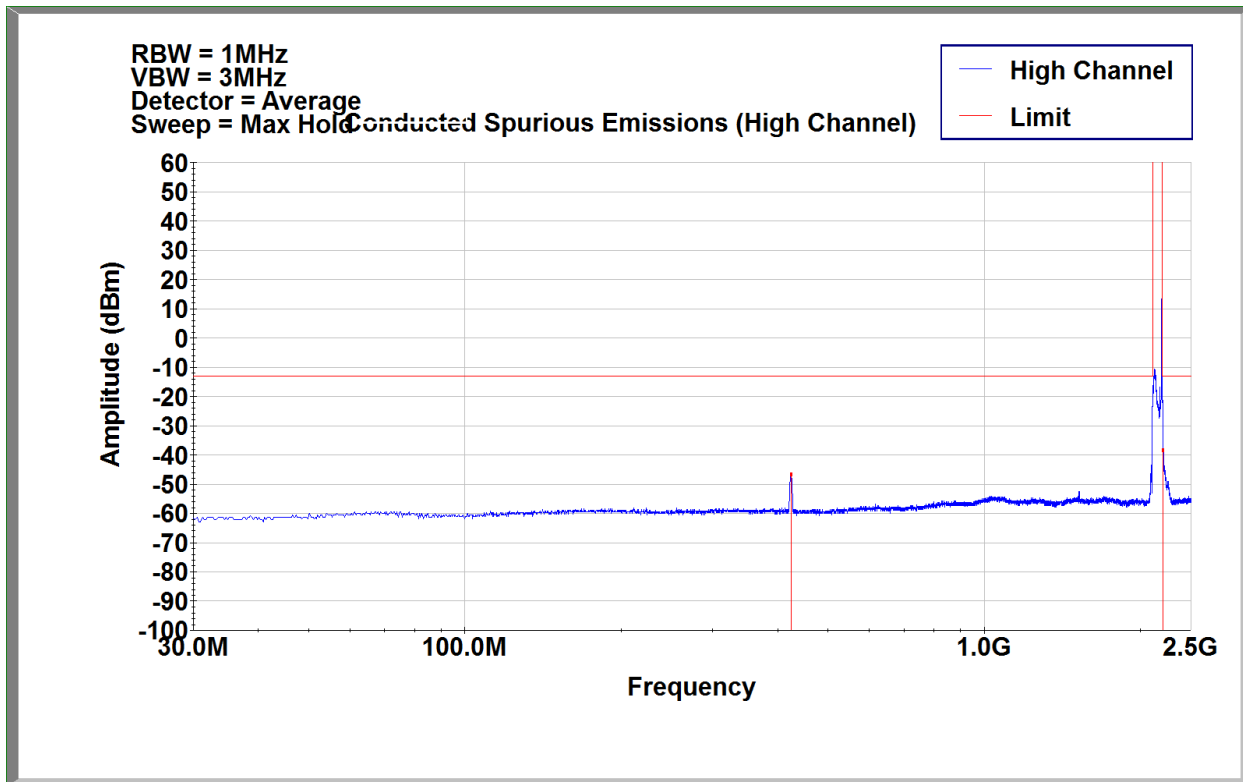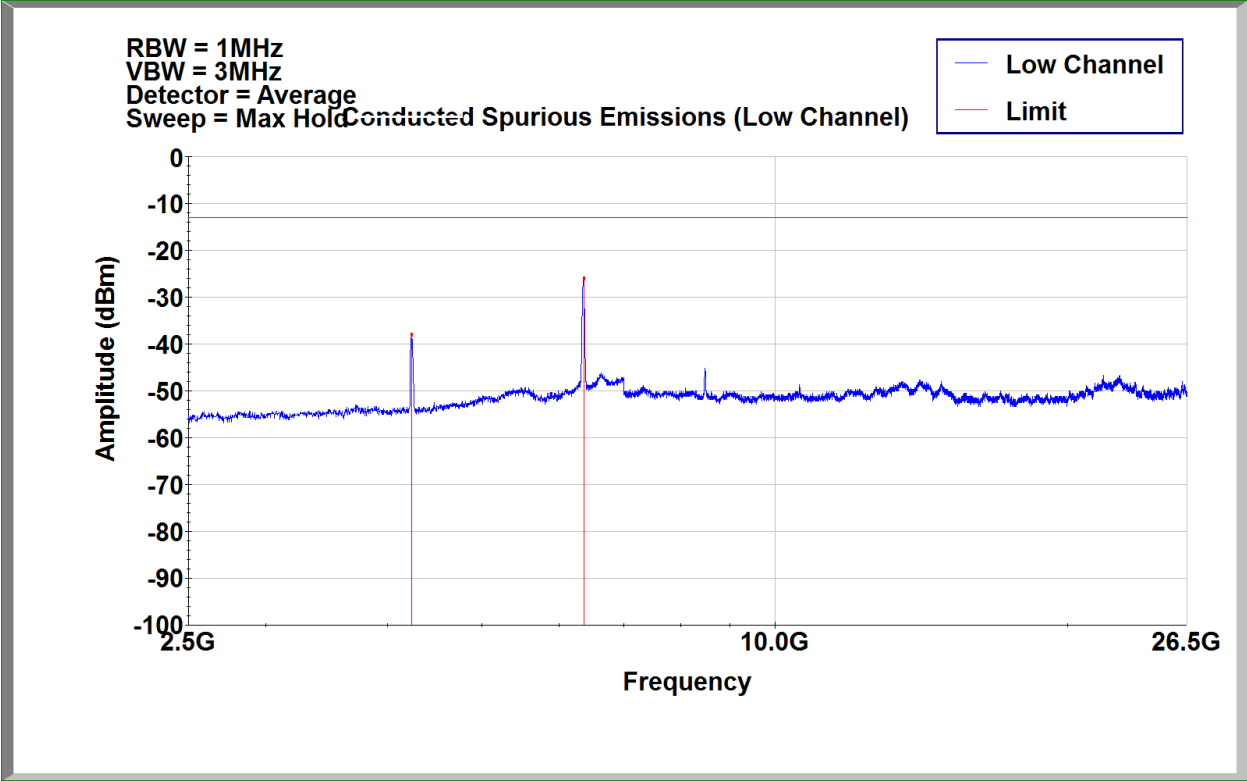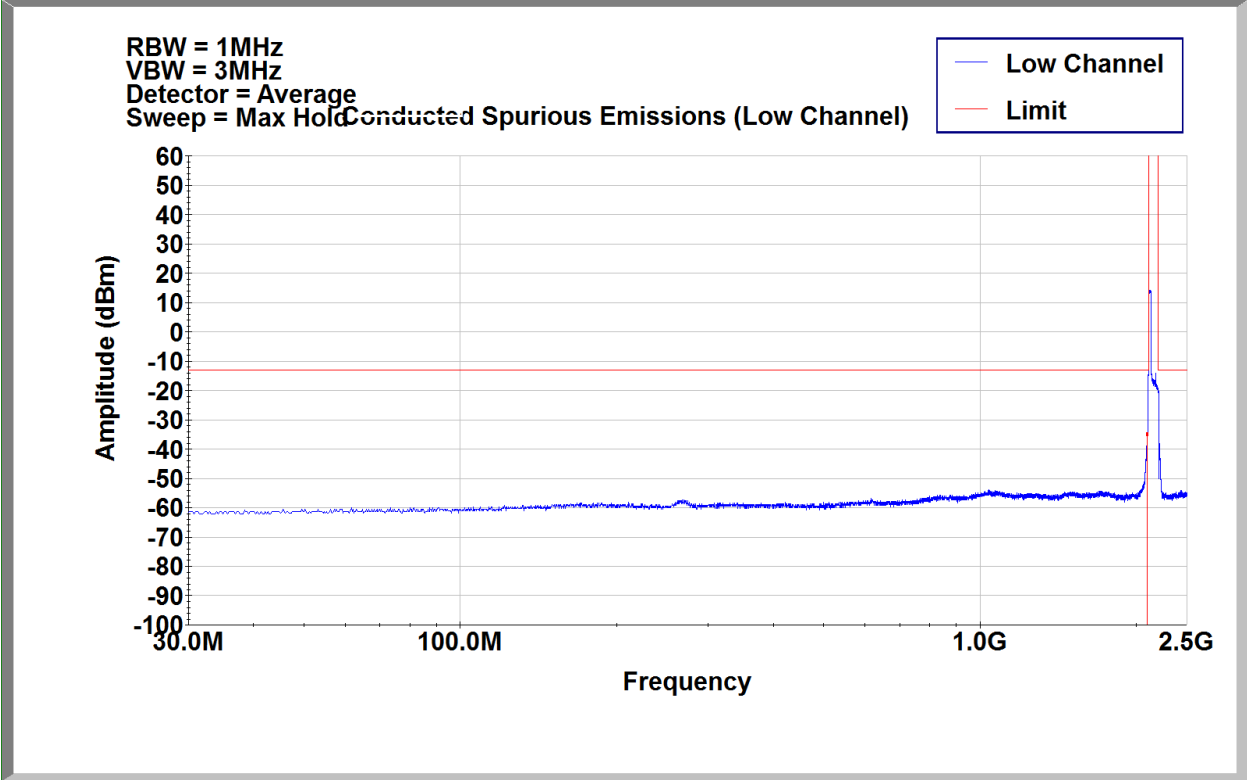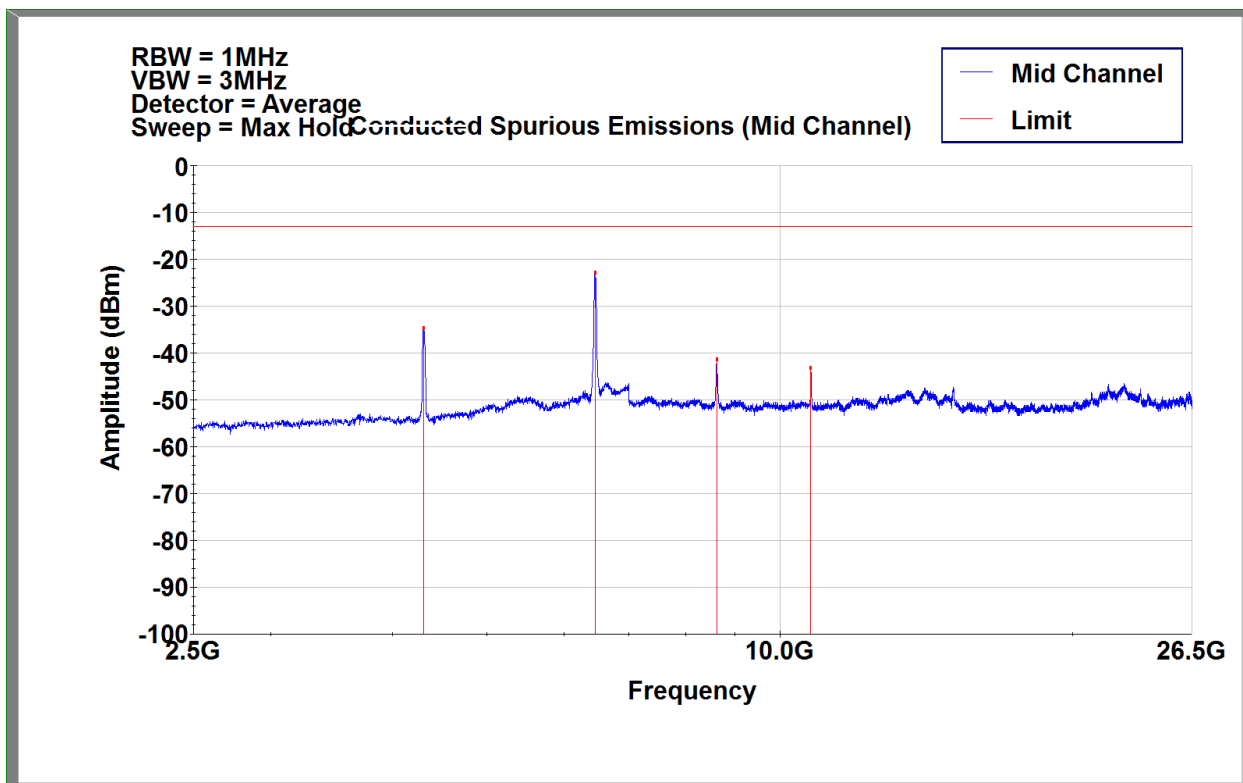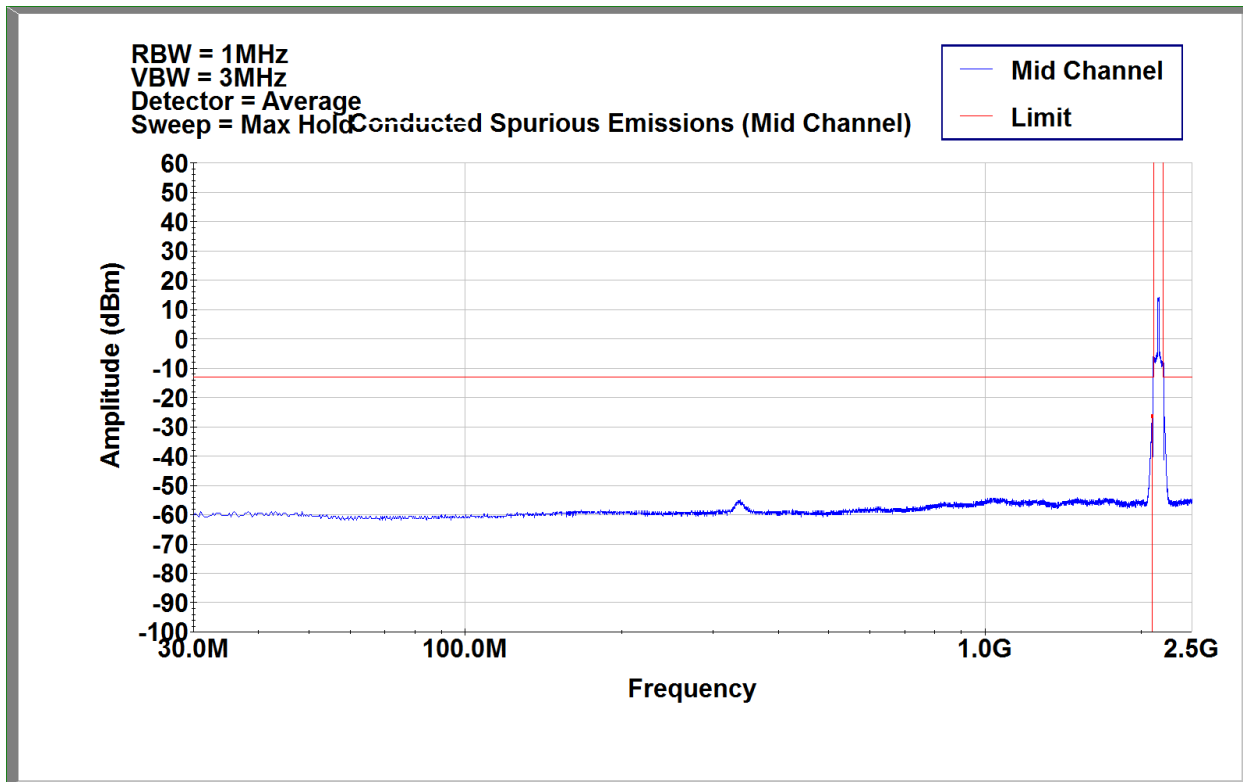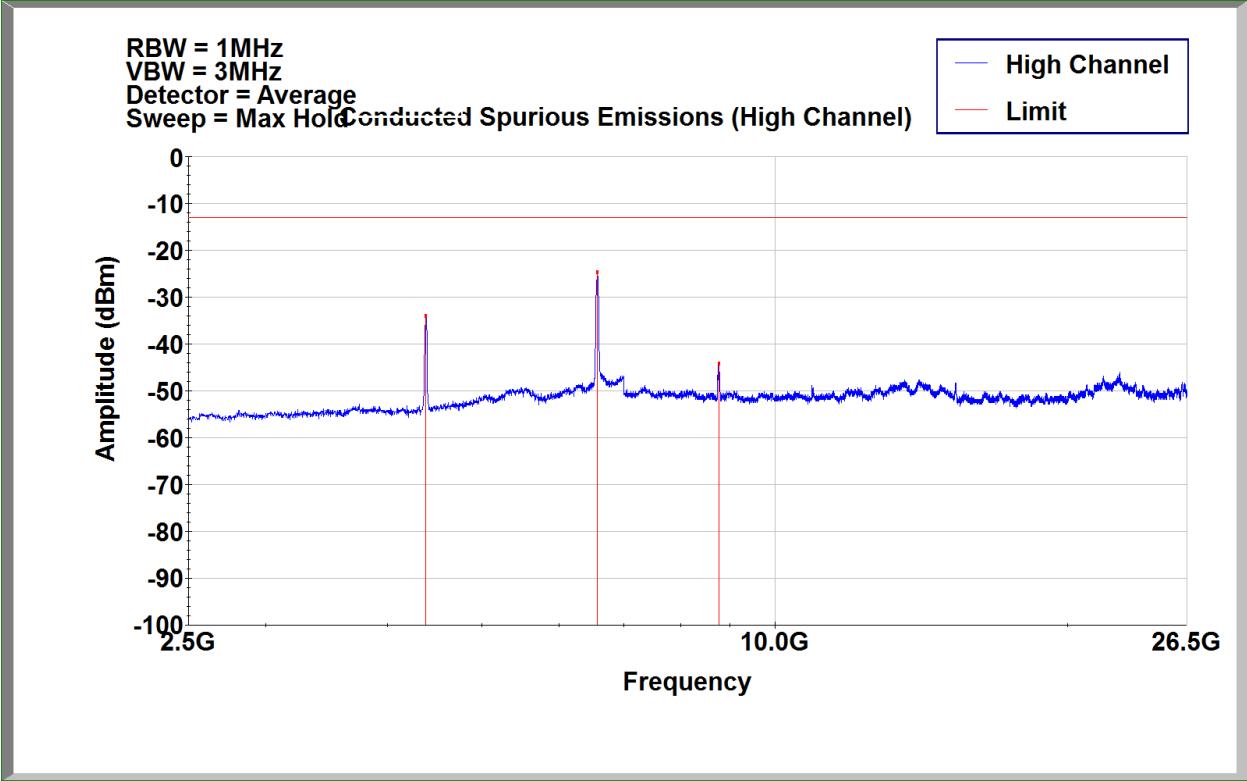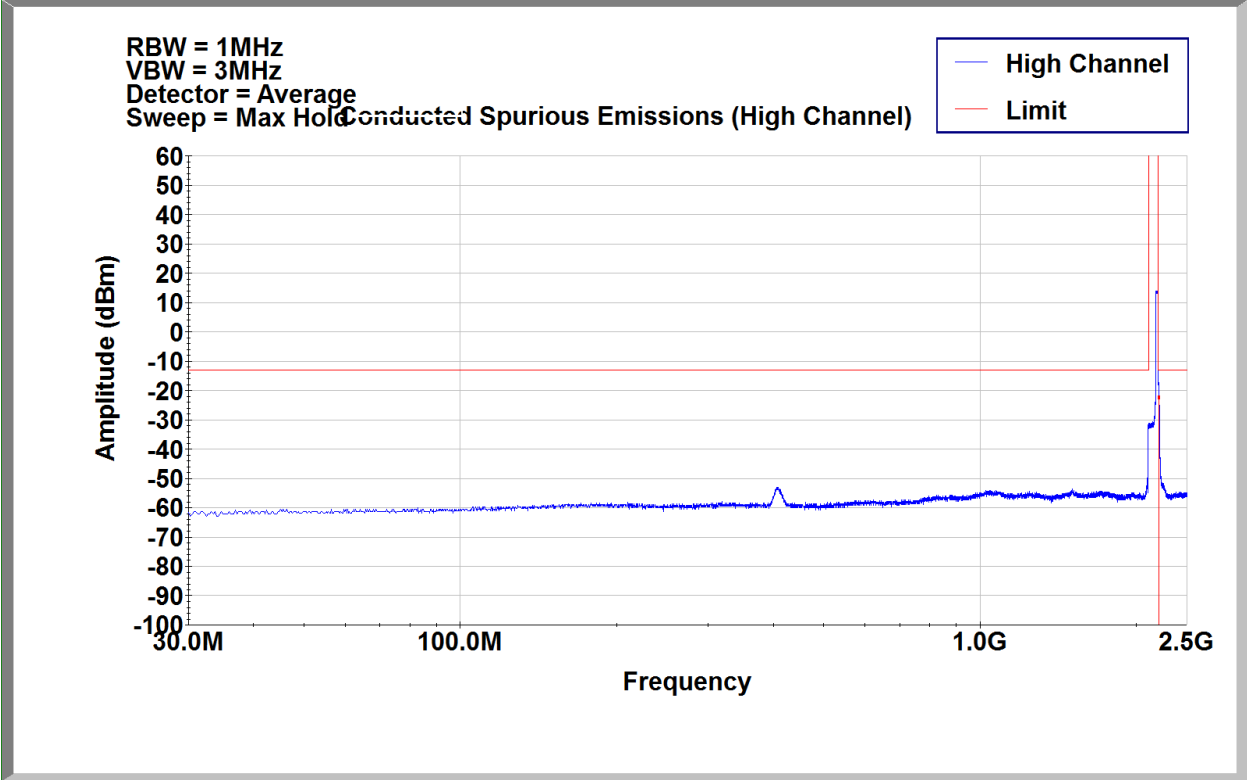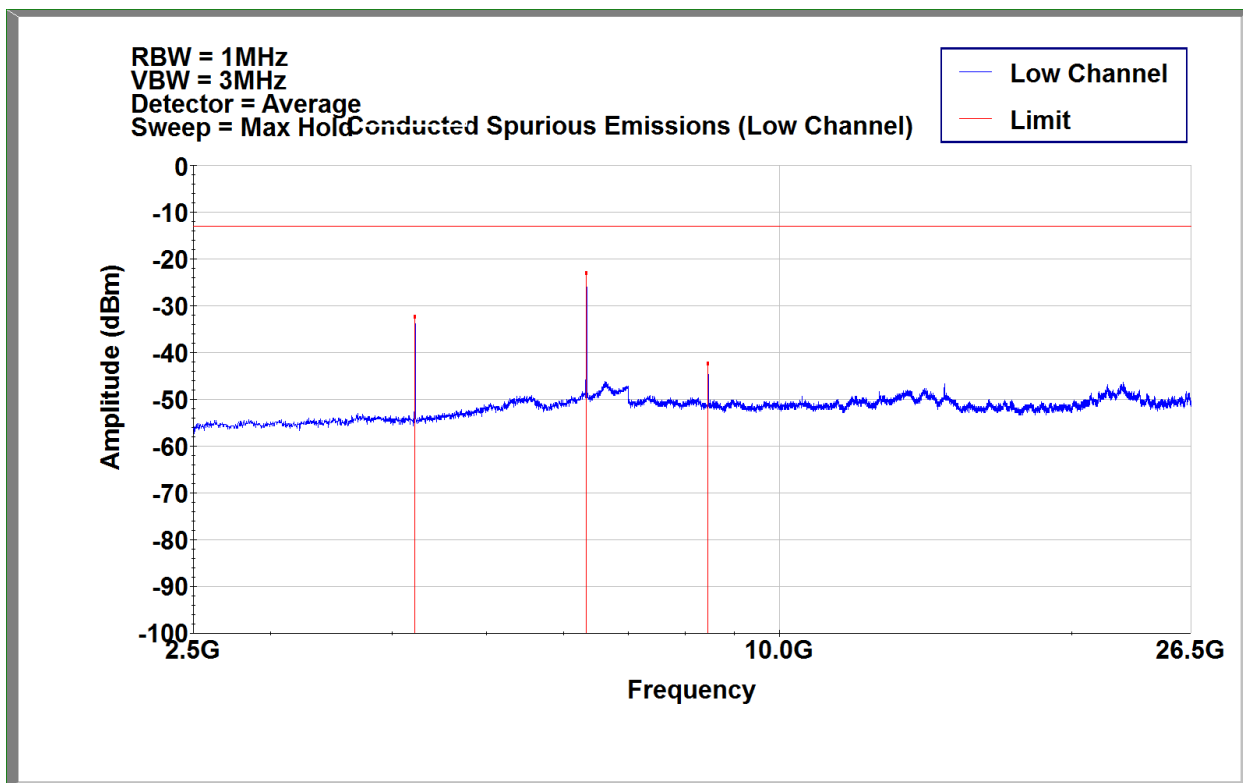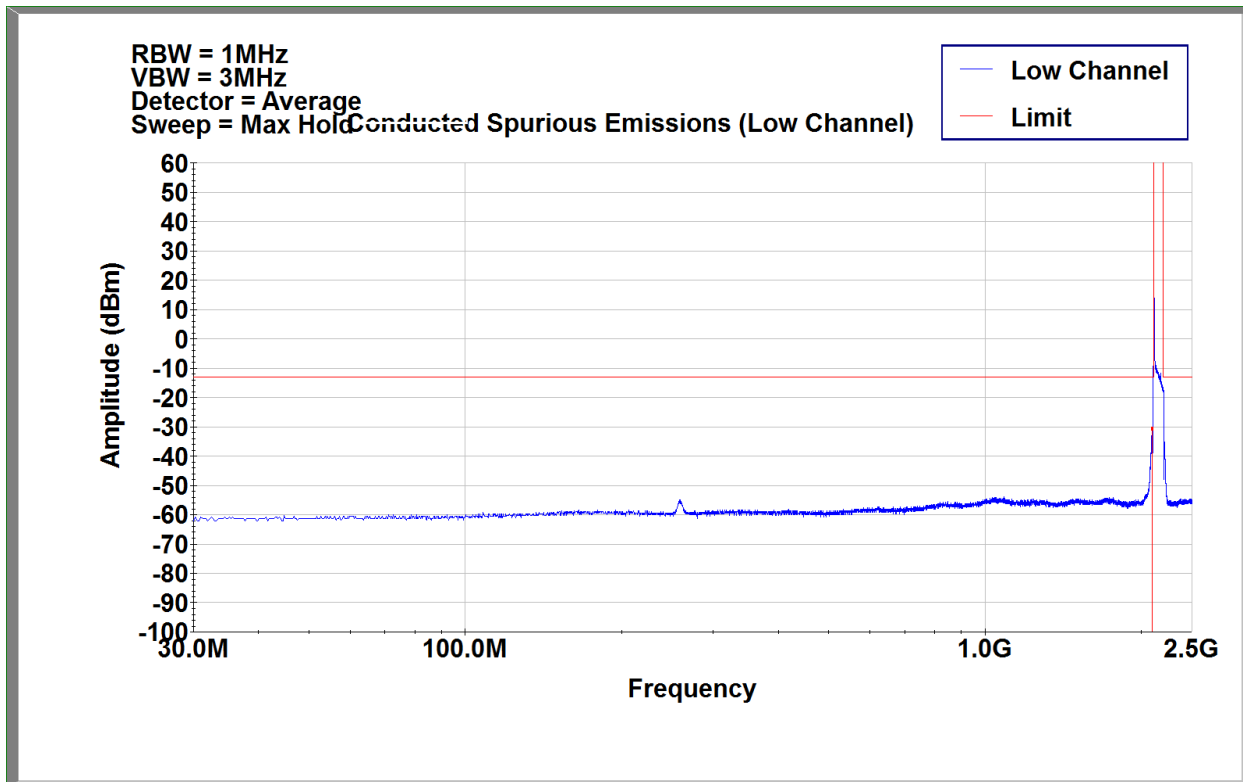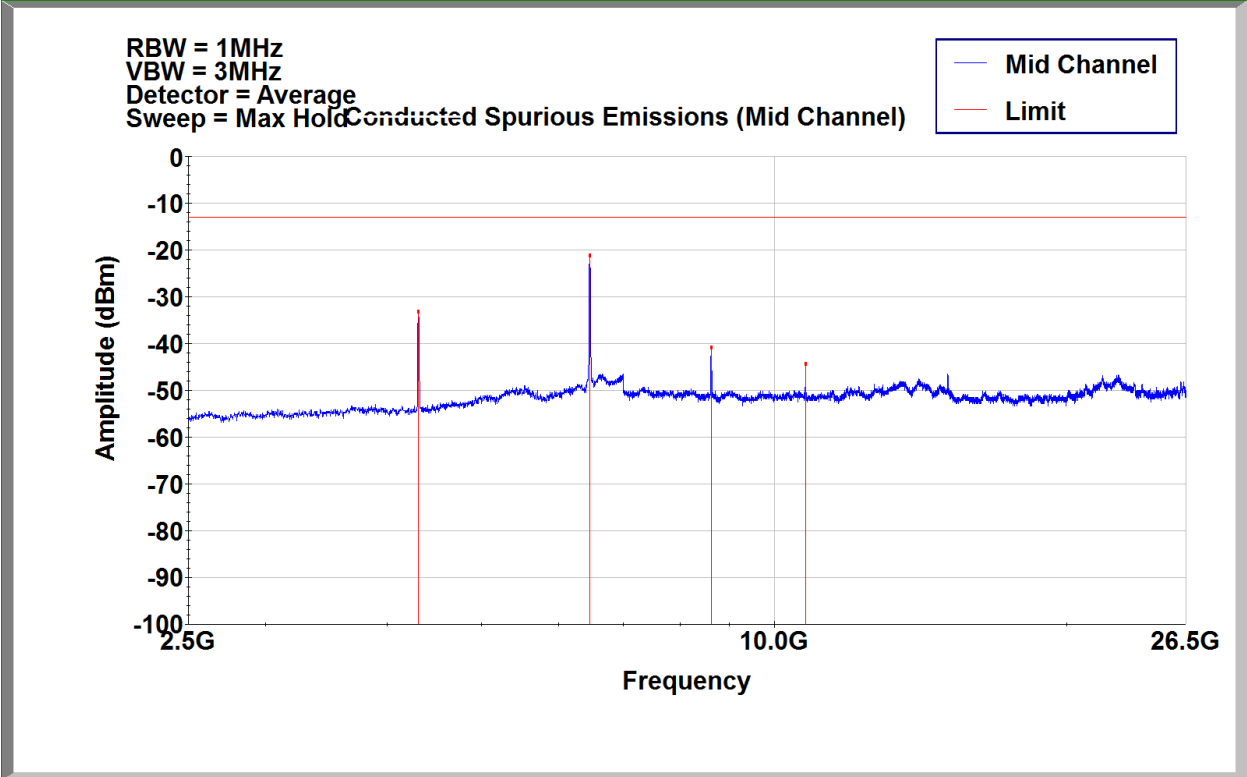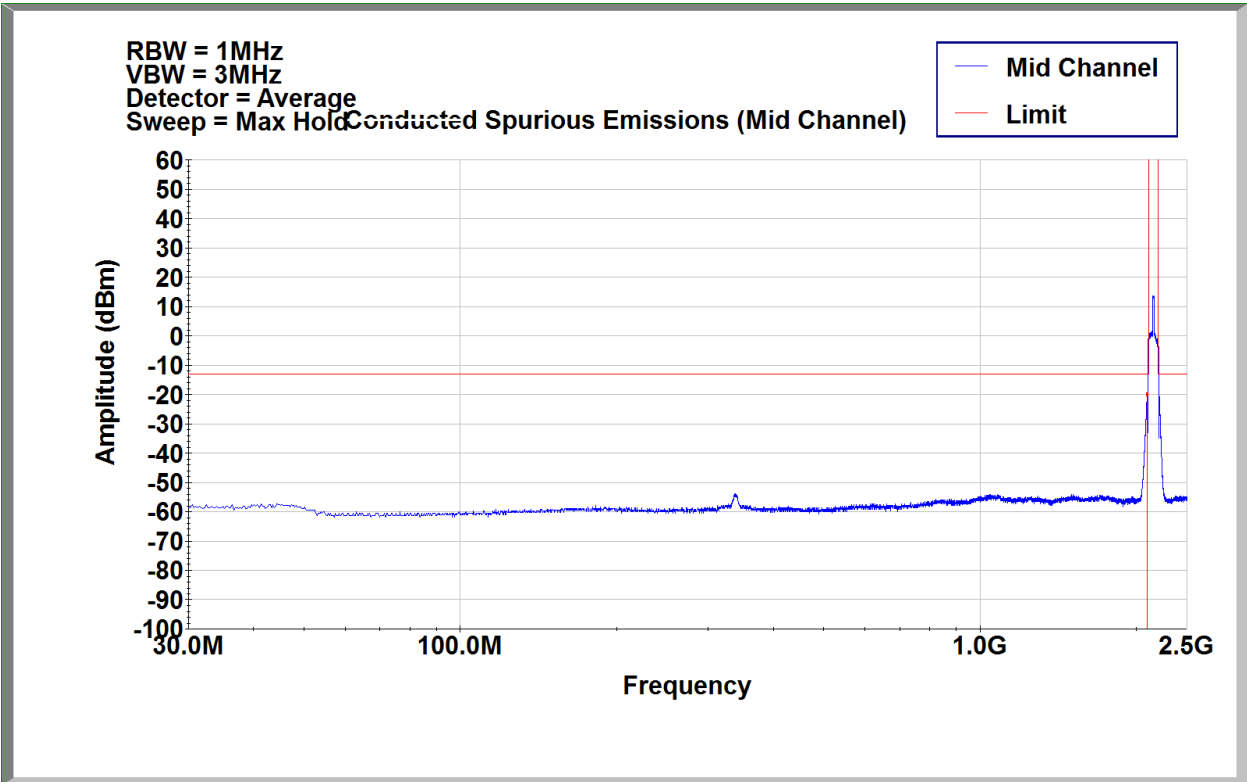
Band 66, 20MHz Bandwidth Setting, QPSK, High Channel, Port A

RBW = 1MHz
VBW = 3MHz
Detector = Average
Sweep = Max Hold Conducted Spurious Emissions (Low Channel)

Low Channel
Limit

Amplitude (dBm)

60
50
40
30
20
10
0
-10
-20
-30
-40
-50
-60
-70
-80
-90
-100

30.0M   100.0M   1.0G   2.5G

Frequency

RBW = 1MHz
VBW = 3MHz
Detector = Average
Sweep = Max Hold Conducted Spurious Emissions (Low Channel)

Low Channel
Limit

Amplitude (dBm)

0
-10
-20
-30
-40
-50
-60
-70
-80
-90
-100

2.5G   10.0G   26.5G

Frequency

Band 66, 10MHz Bandwidth Setting, QPSK, Low Channel, Port A

Conducted Spurious Emissions (Mid Channel)

Mid Channel
Limit

Amplitude (dBm)

60
50
40
30
20
10
0
-10
-20
-30
-40
-50
-60
-70
-80
-90
-100

30.0M   100.0M   1.0G   2.5G

Frequency

RBW = 1MHz
VBW = 3MHz
Detector = Average
Sweep = Max Hold

Conducted Spurious Emissions (Mid Channel)

Mid Channel
Limit

Amplitude (dBm)

0
-10
-20
-30
-40
-50
-60
-70
-80
-90
-100

2.5G   10.0G   26.5G

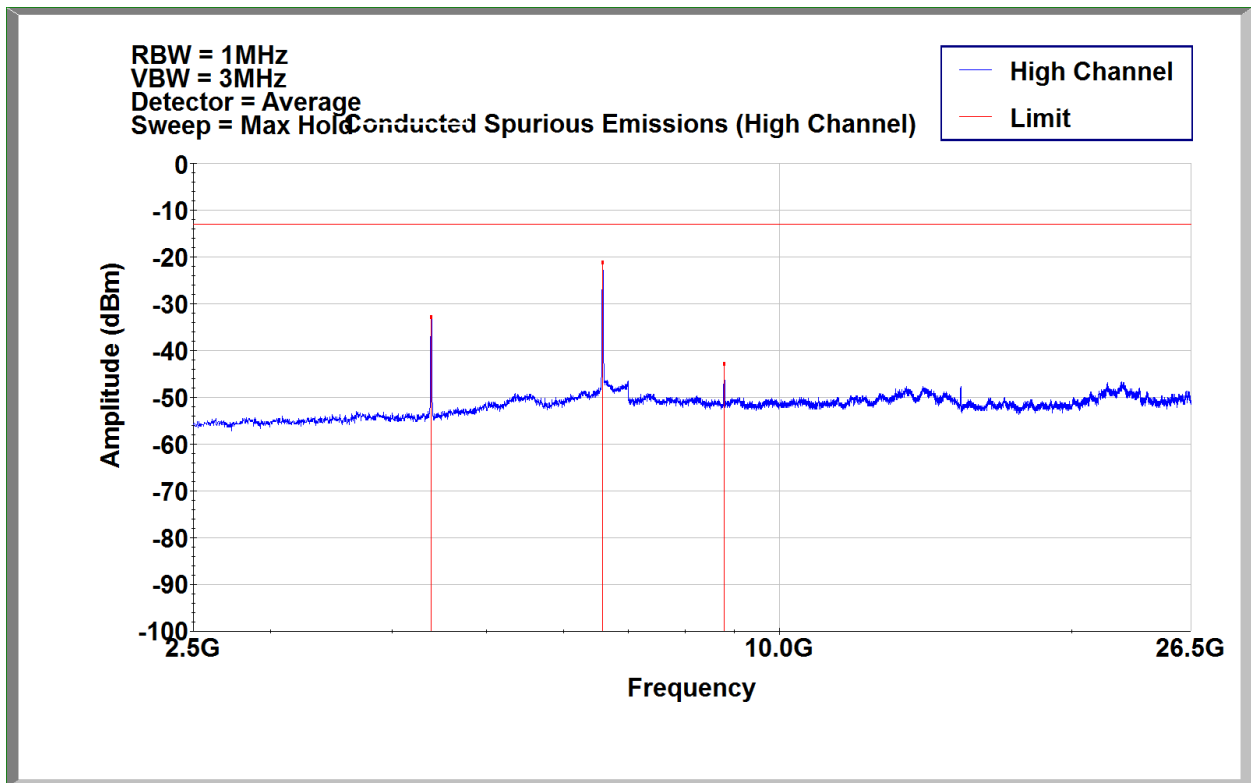Frequency
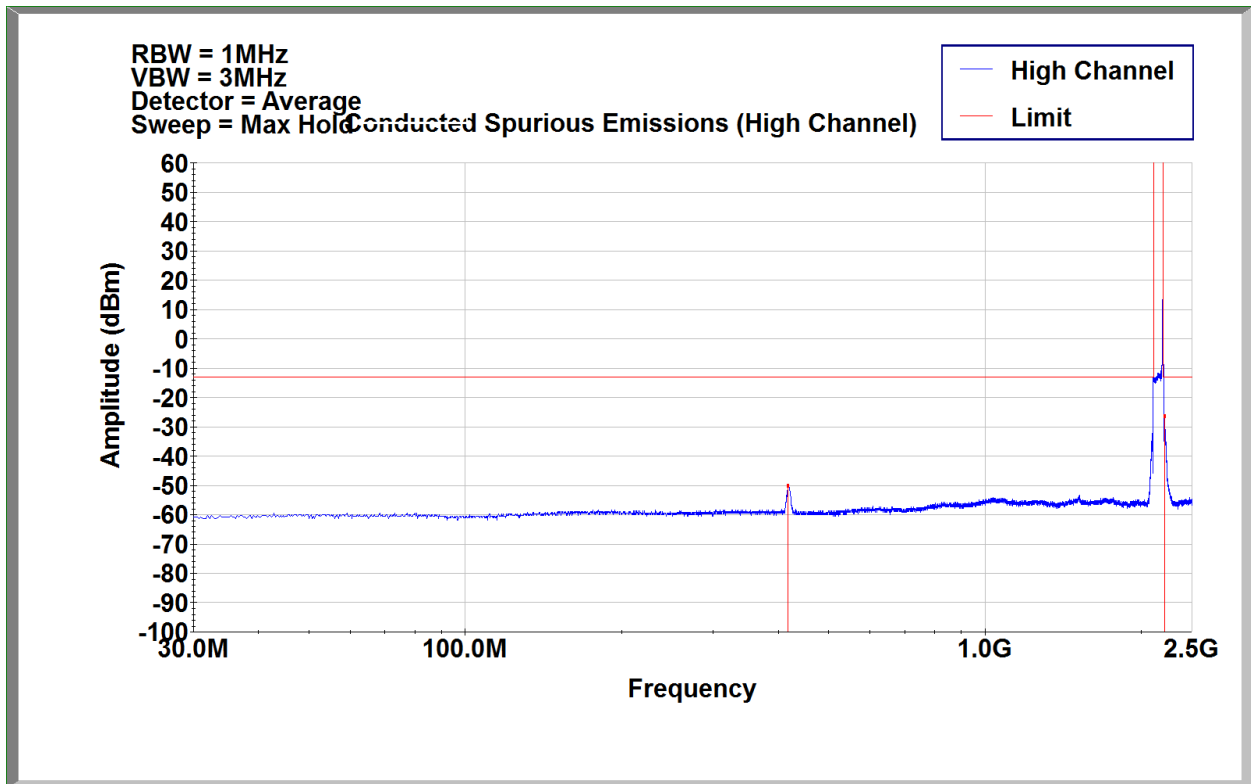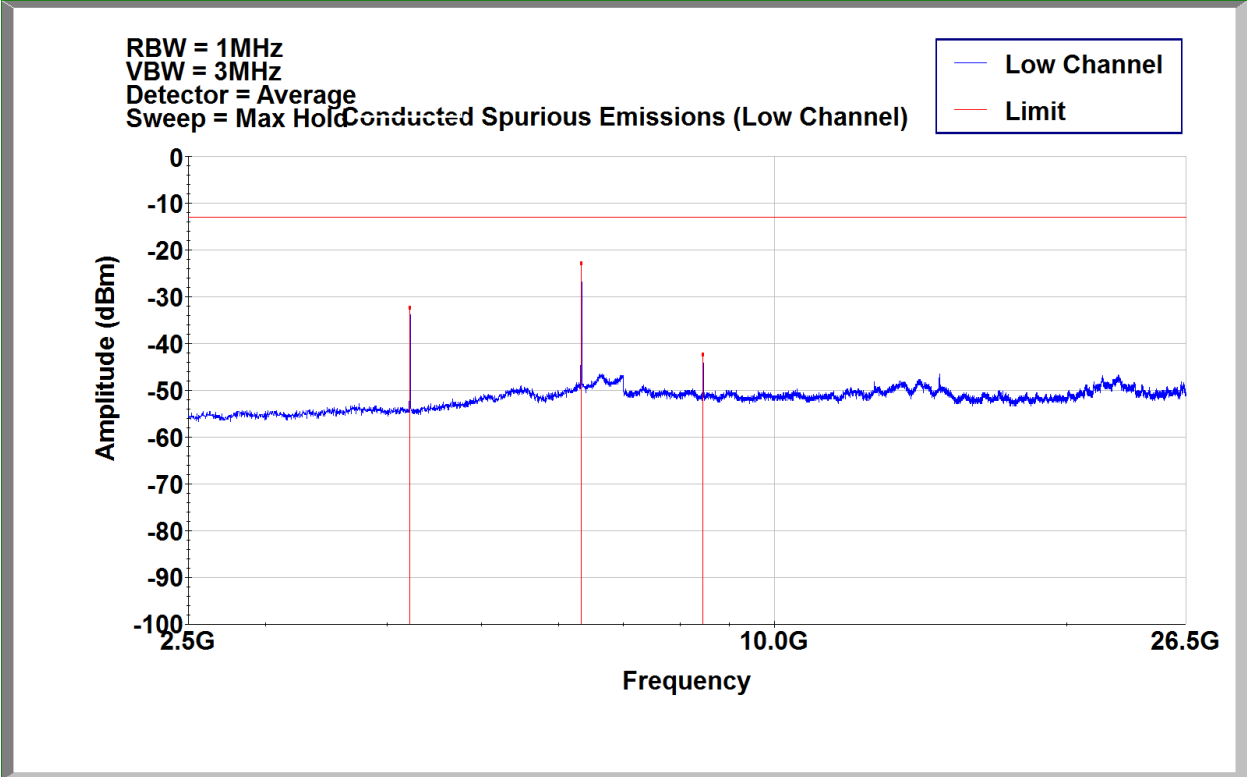
Band 66, 10MHz Bandwidth Setting, QPSK, Mid Channel, Port A
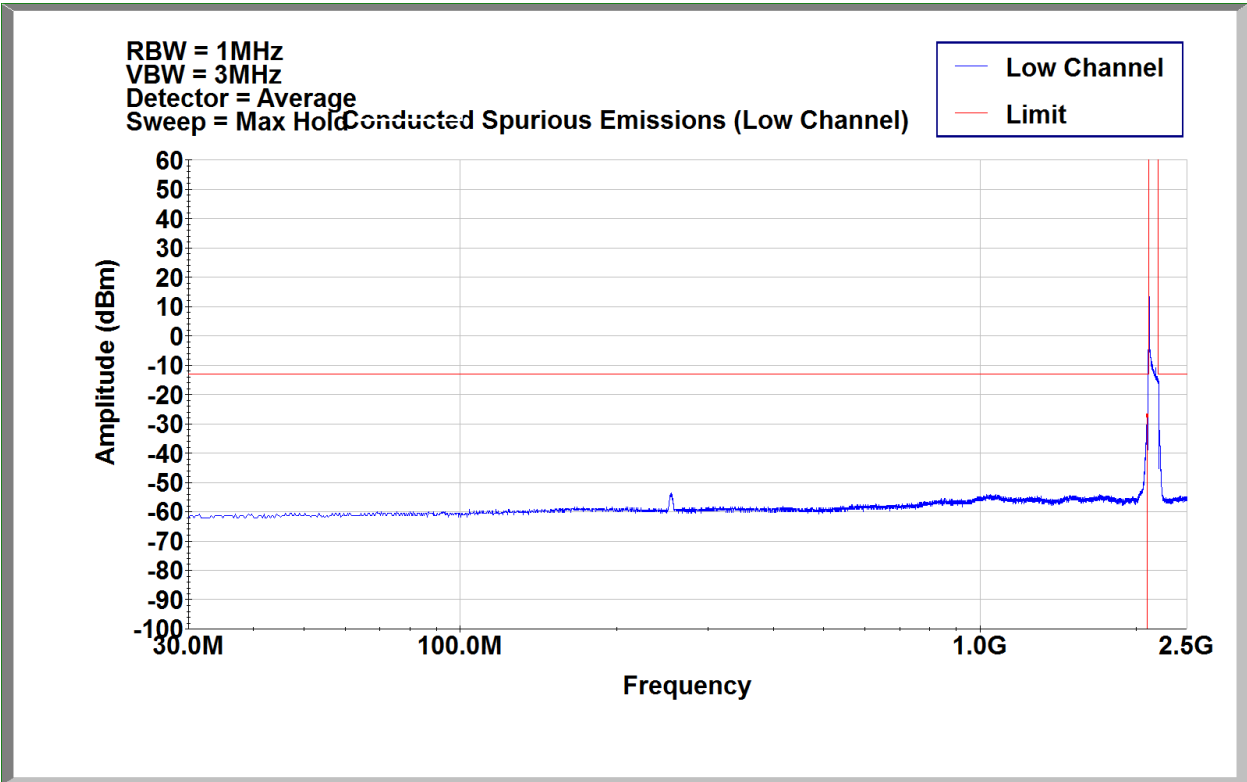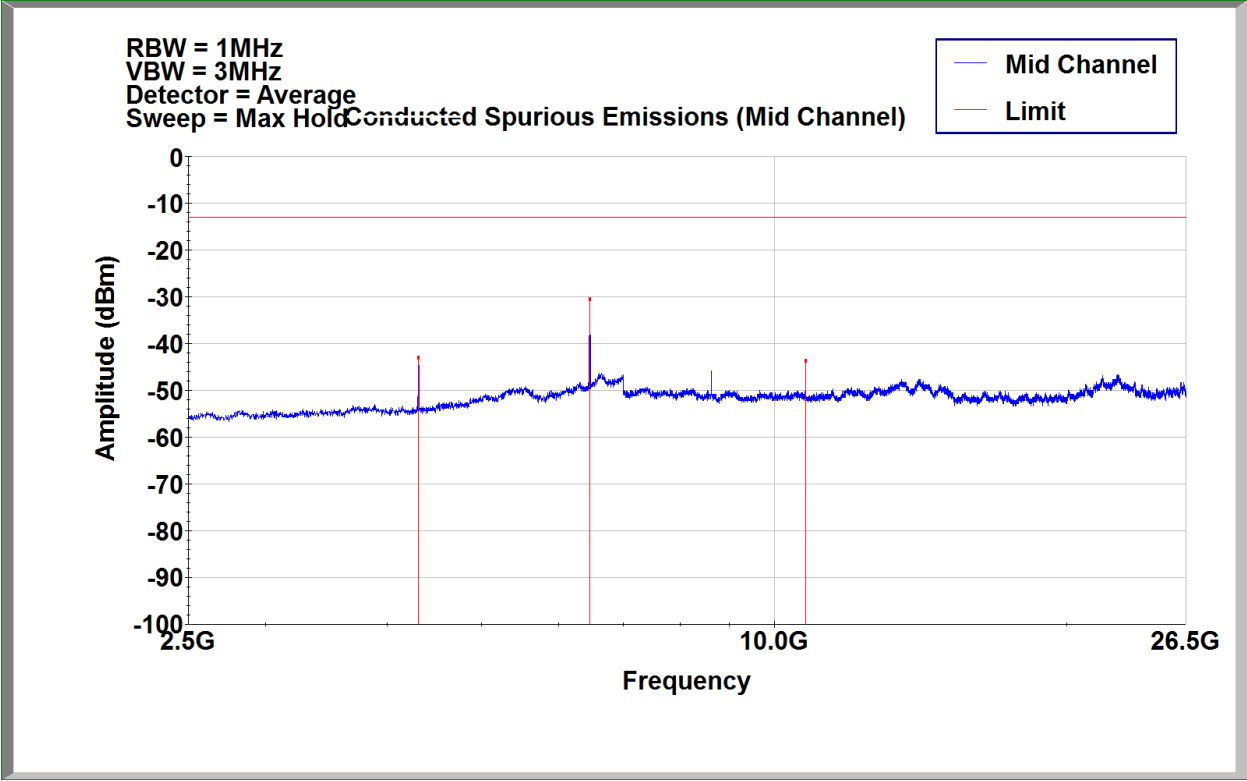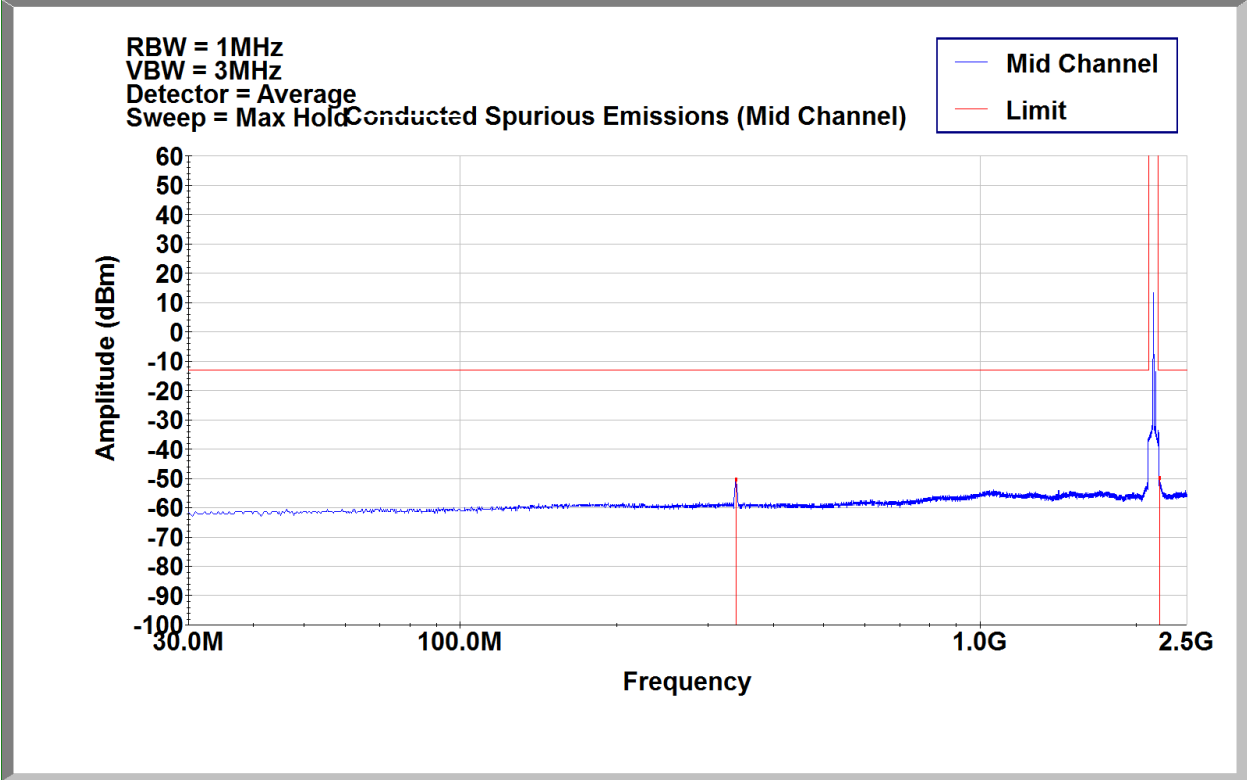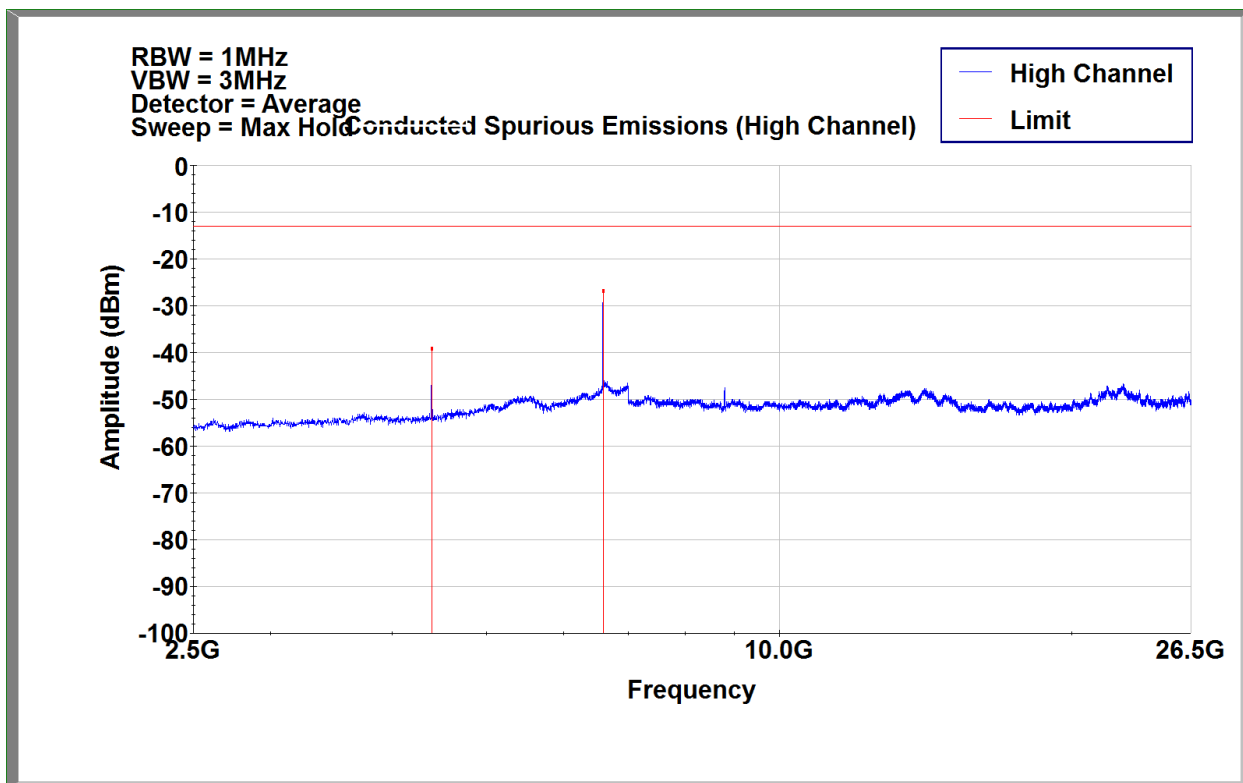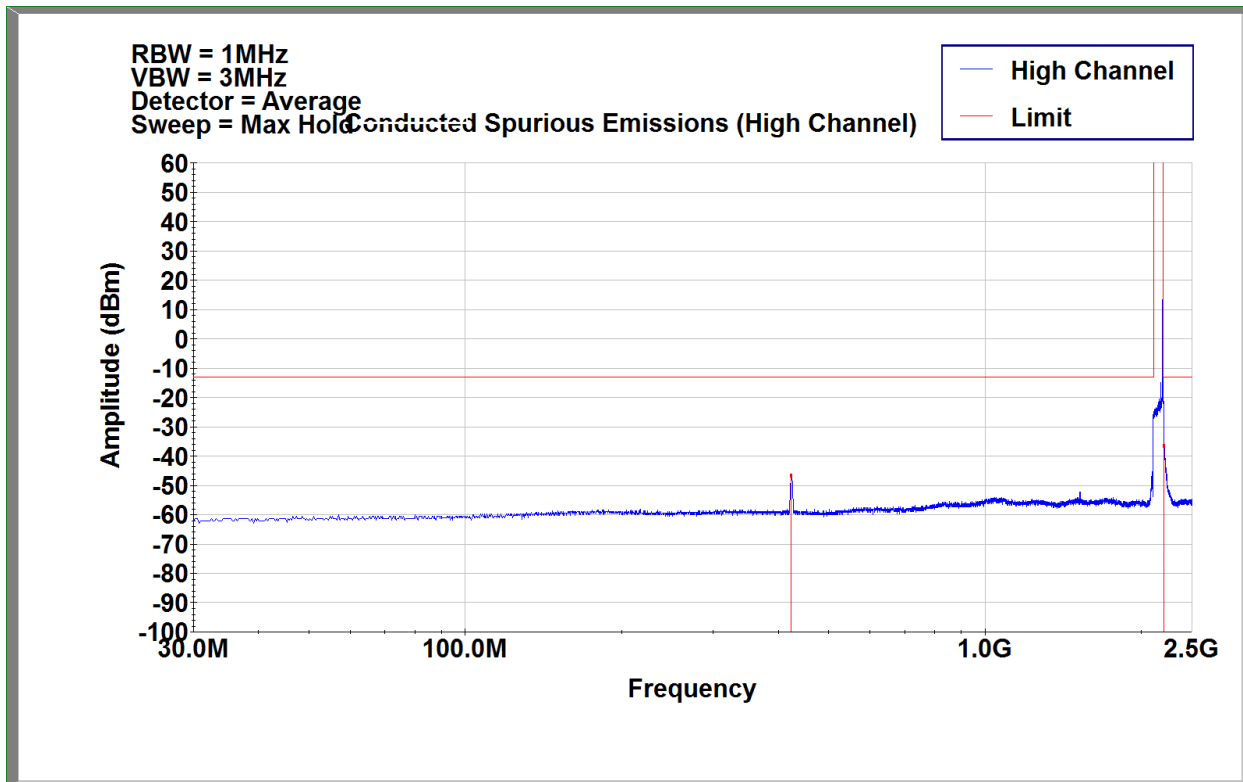
Band 66, 10MHz Bandwidth Setting, QPSK, High Channel, Port A

Band 66, 5MHz Bandwidth Setting, QPSK, Low Channel, Port A

Chart 1 (top):

RBW = 1MHz
VBW = 3MHz
Detector = Average
Sweep = Max Hold   Conducted Spurious Emissions (Mid Channel)

Legend: Mid Channel, Limit

Y-axis: Amplitude (dBm) — 60, 50, 40, 30, 20, 10, 0, -10, -20, -30, -40, -50, -60, -70, -80, -90, -100

X-axis: Frequency — 30.0M, 100.0M, 1.0G, 2.5G

Chart 2 (bottom):

RBW = 1MHz
VBW = 3MHz
Detector = Average
Sweep = Max Hold   Conducted Spurious Emissions (Mid Channel)

Legend: Mid Channel, Limit

Y-axis: Amplitude (dBm) — 0, -10, -20, -30, -40, -50, -60, -70, -80, -90, -100
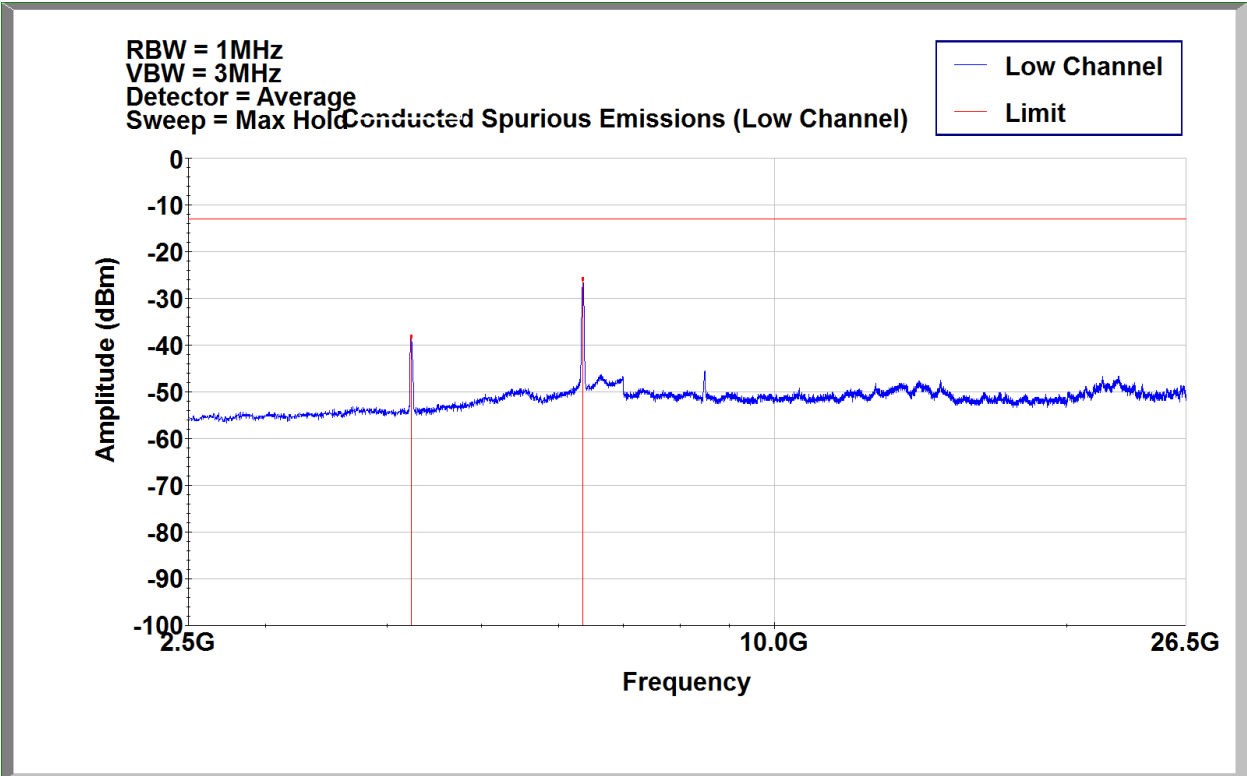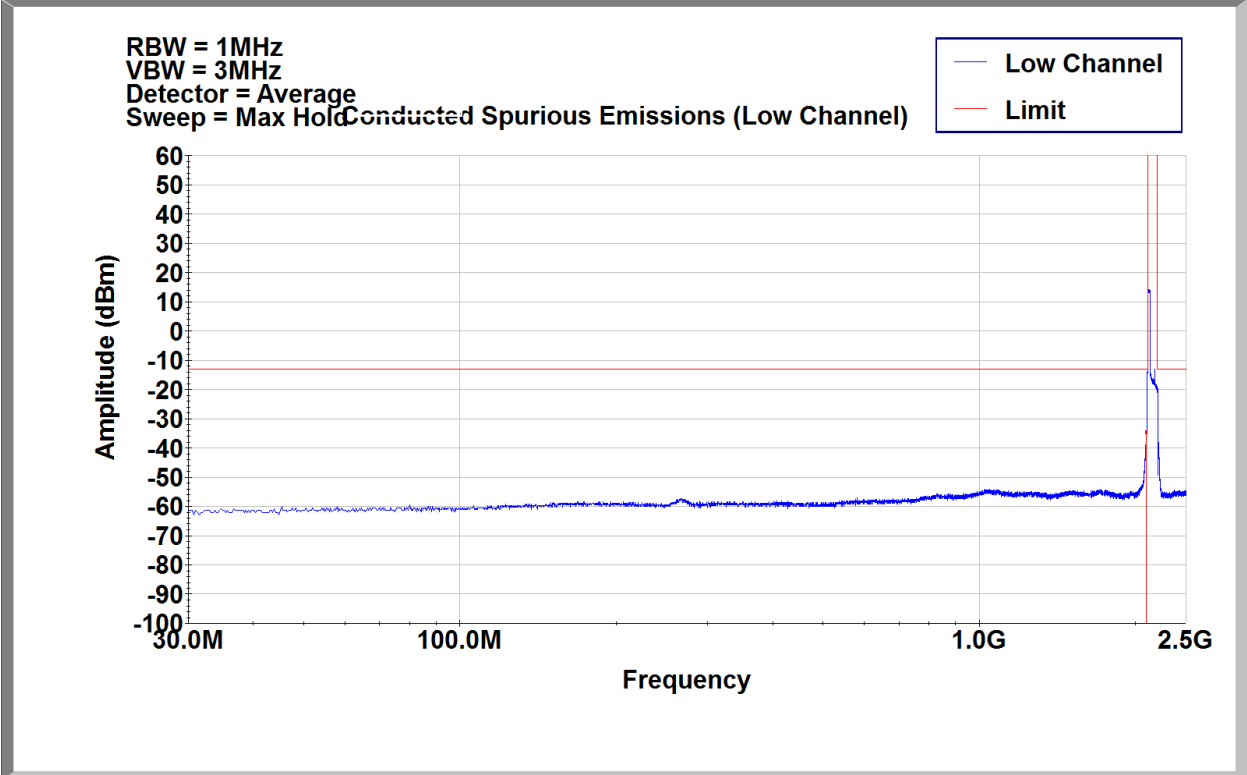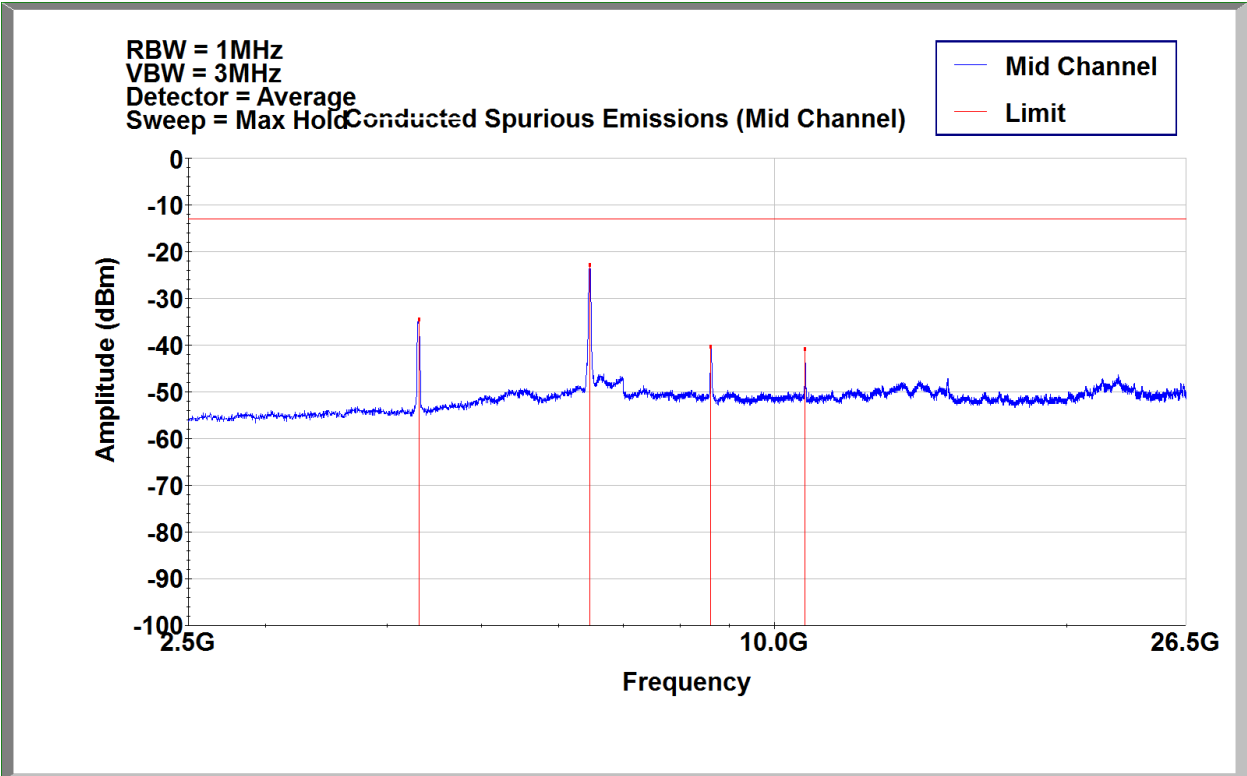
X-axis: Frequency — 2.5G, 10.0G, 26.5G

Band 66, 5MHz Bandwidth Setting, QPSK, Mid Channel, Port A

Band 66, 5MHz Bandwidth Setting, QPSK, High Channel, Port A

RBW = 1MHz
VBW = 3MHz
Detector = Average
Sweep = Max Hold Conducted Spurious Emissions (Low Channel)

RBW = 1MHz
VBW = 3MHz
Detector = Average
Sweep = Max Hold Conducted Spurious Emissions (Low Channel)
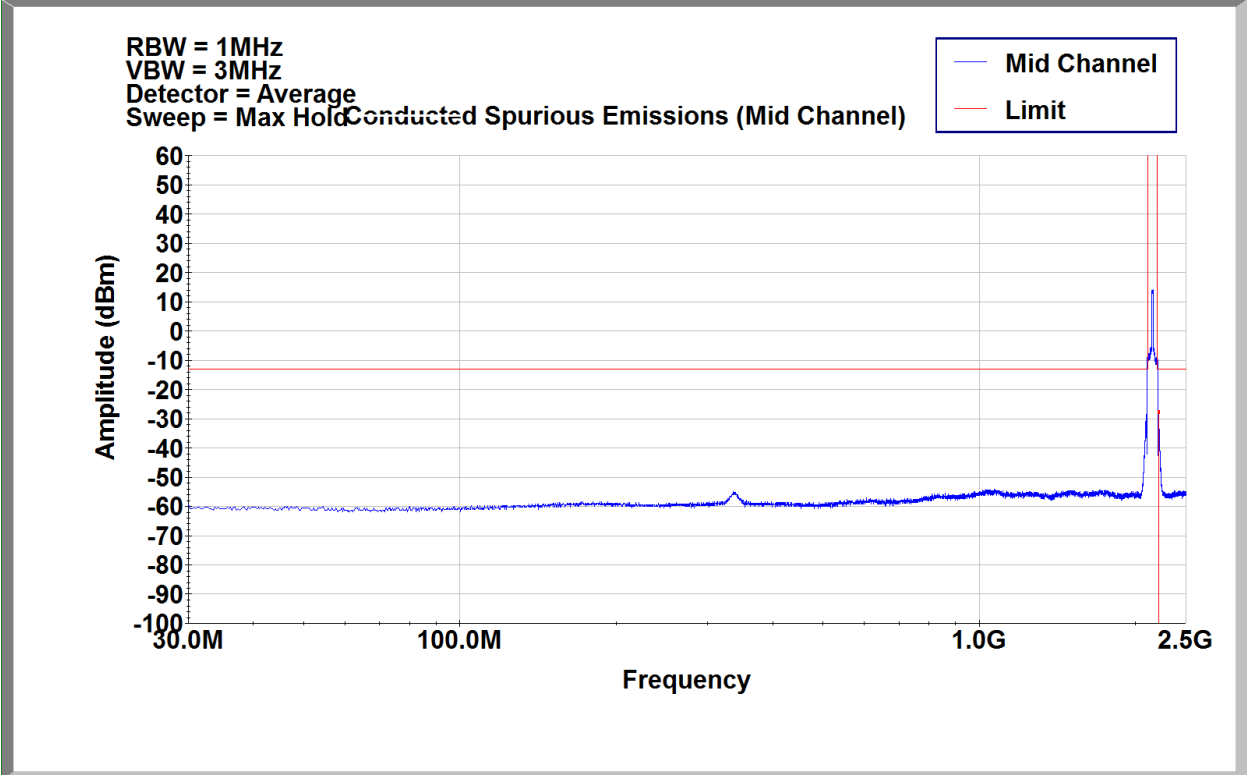
Band 66, 20MHz Bandwidth Setting, 16QAM, Low Channel, Port A
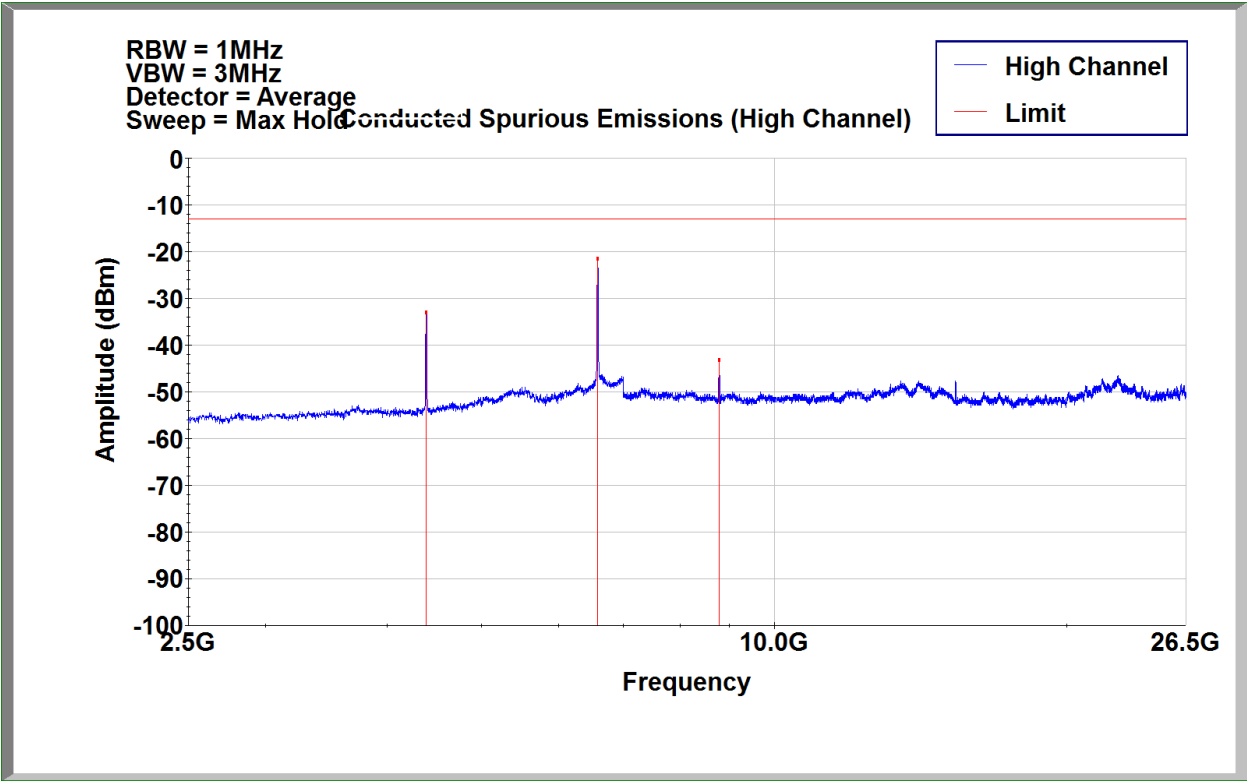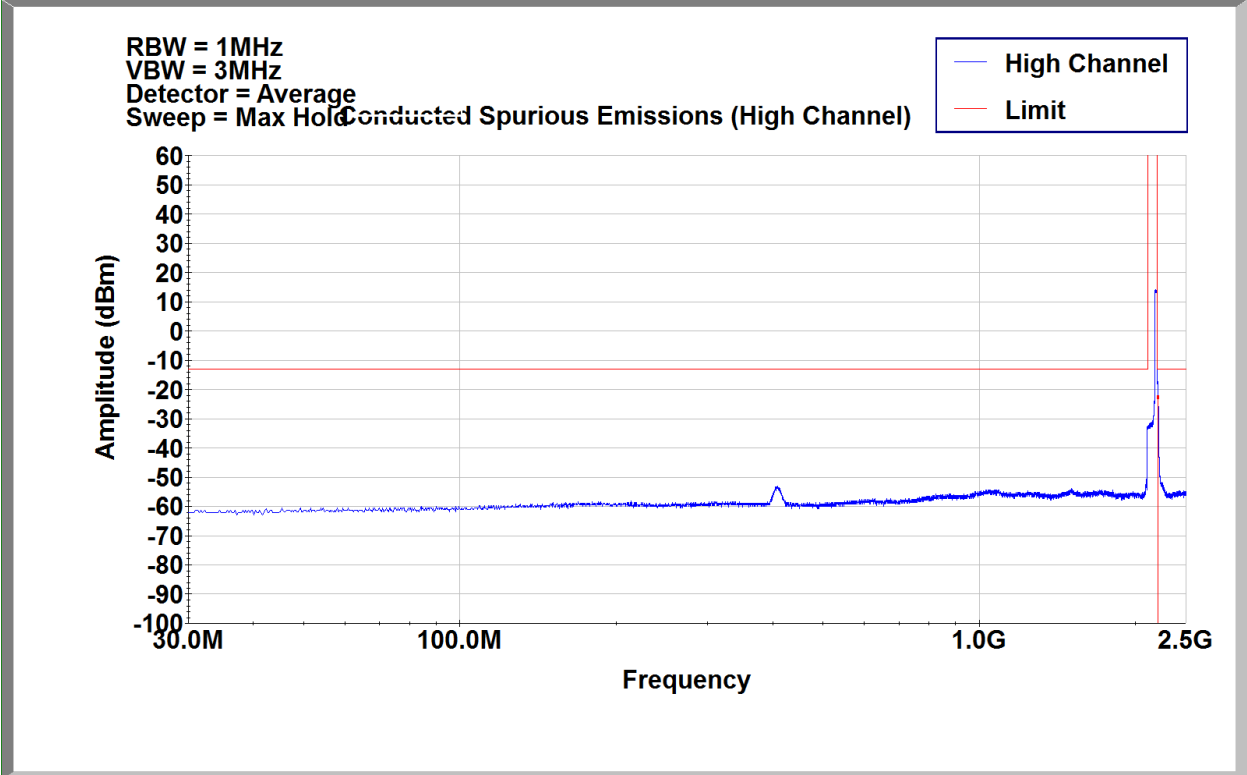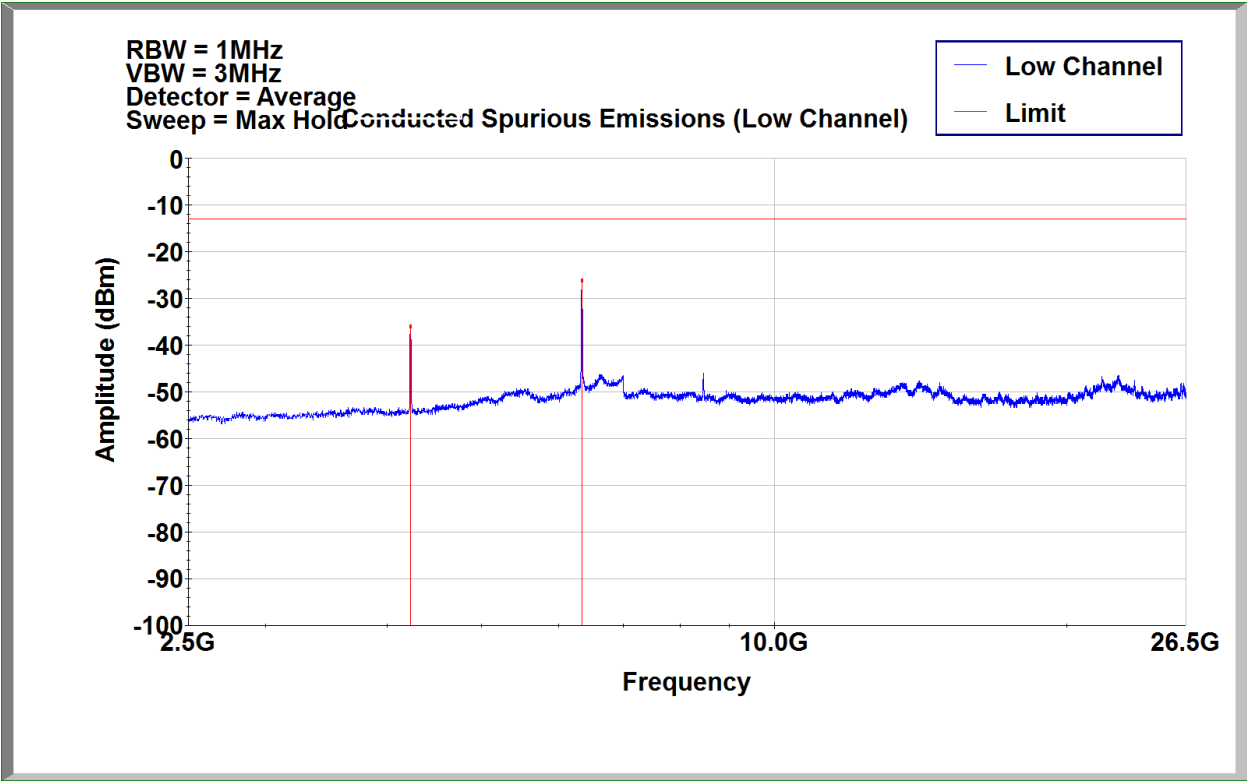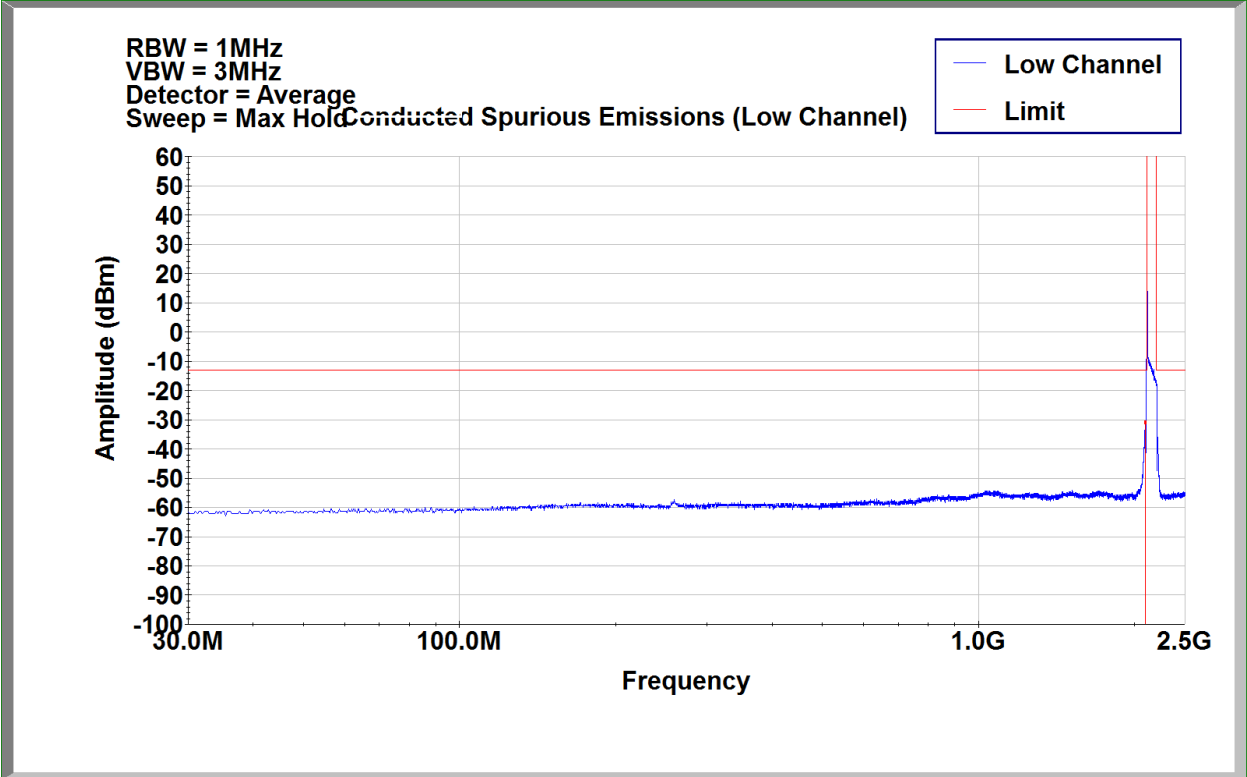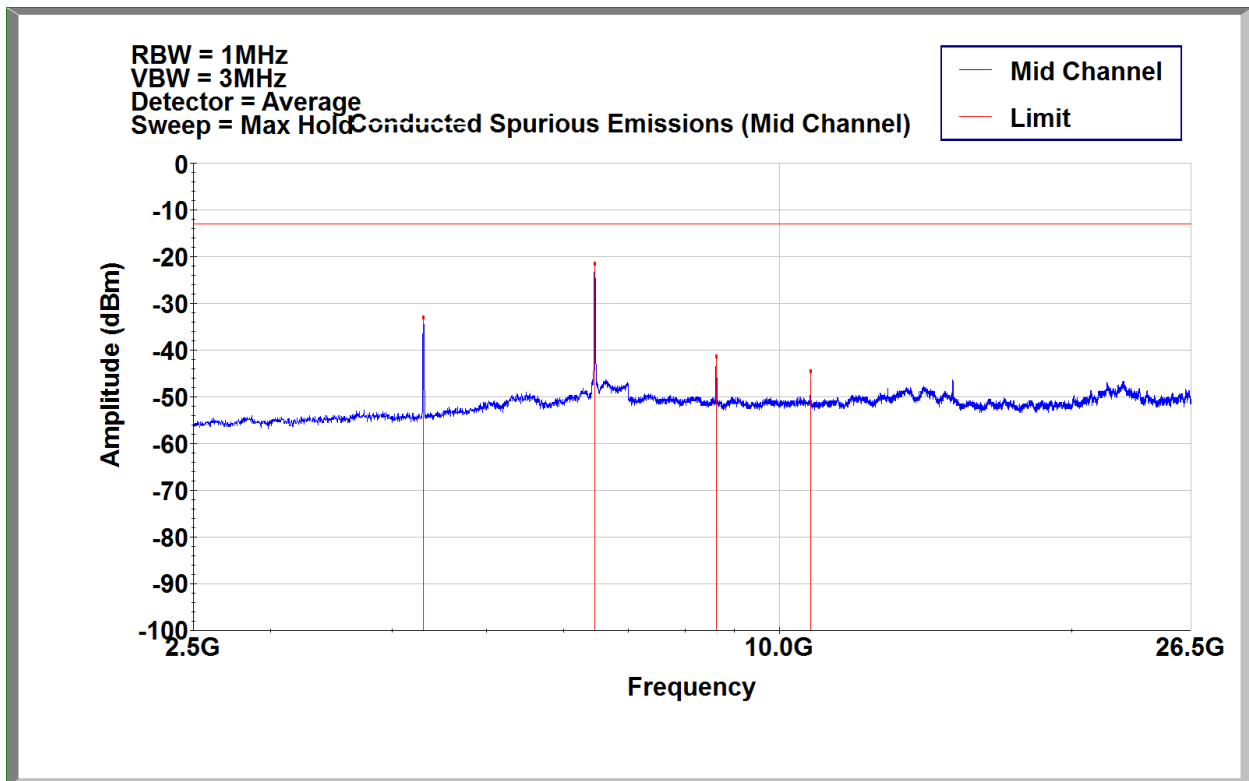
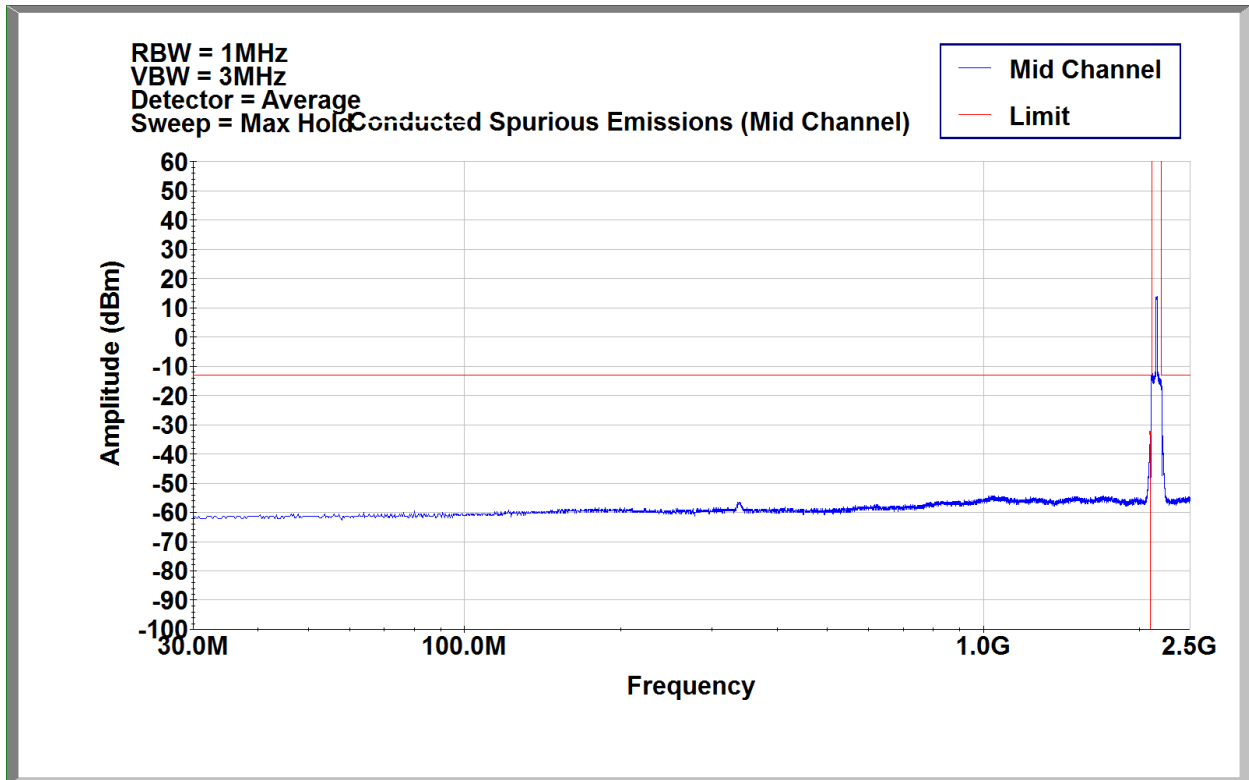Band 66, 20MHz Bandwidth Setting, 16QAM, Mid Channel, Port A

RBW = 1MHz
VBW = 3MHz
Detector = Average
Sweep = Max Hold Conducted Spurious Emissions (High Channel)

RBW = 1MHz
VBW = 3MHz
Detector = Average
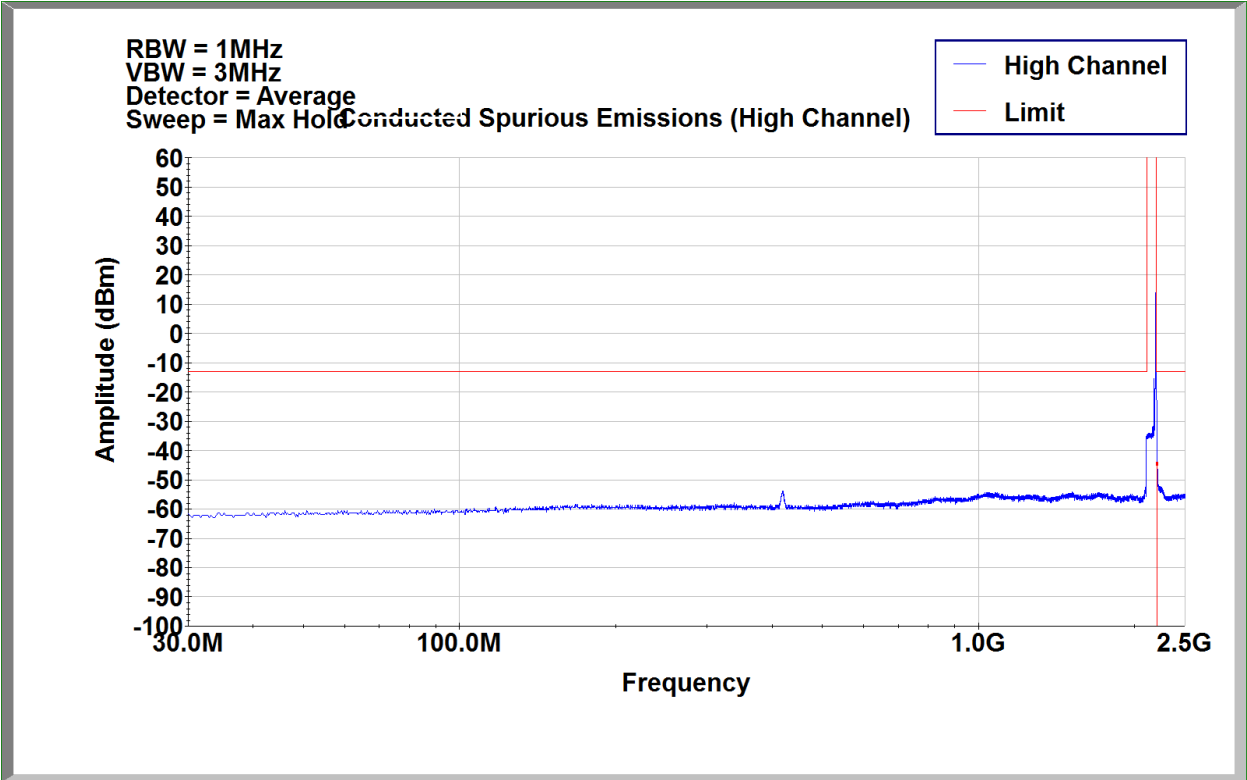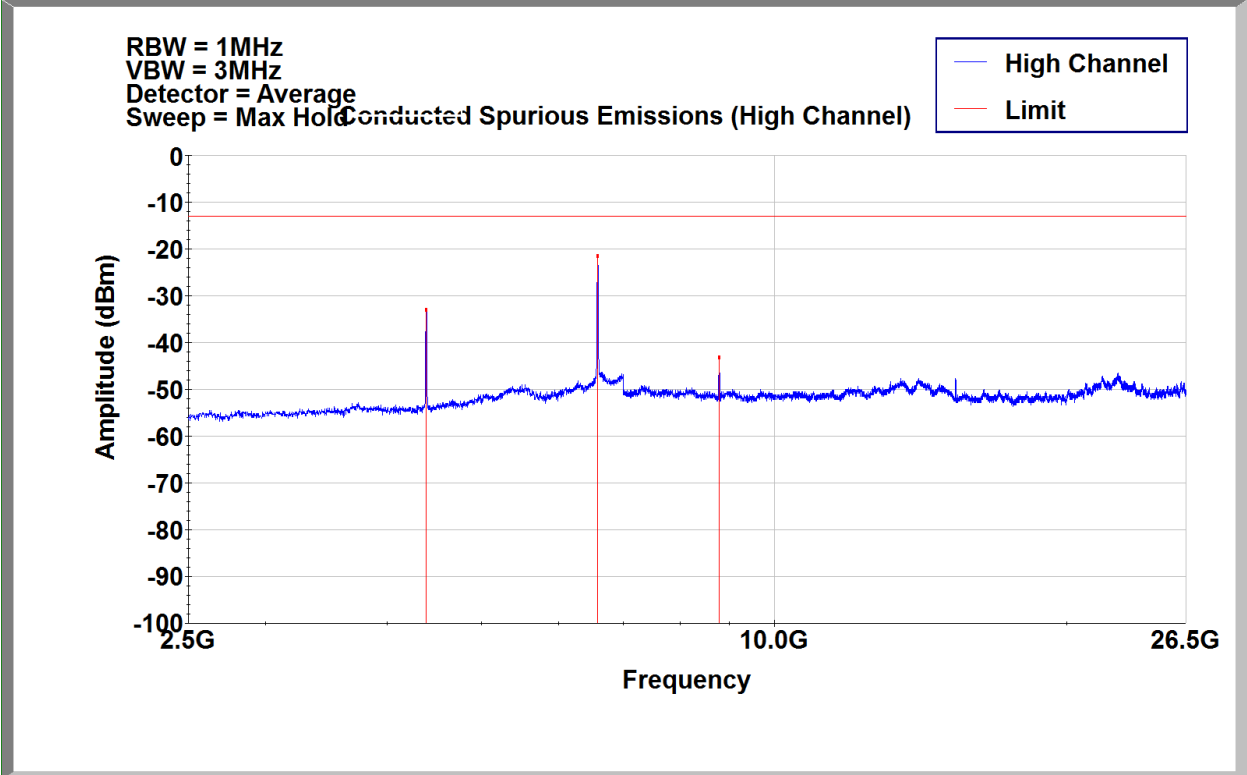Sweep = Max Hold Conducted Spurious Emissions (High Channel)

Band 66, 20MHz Bandwidth Setting, 16QAM, High Channel, Port A
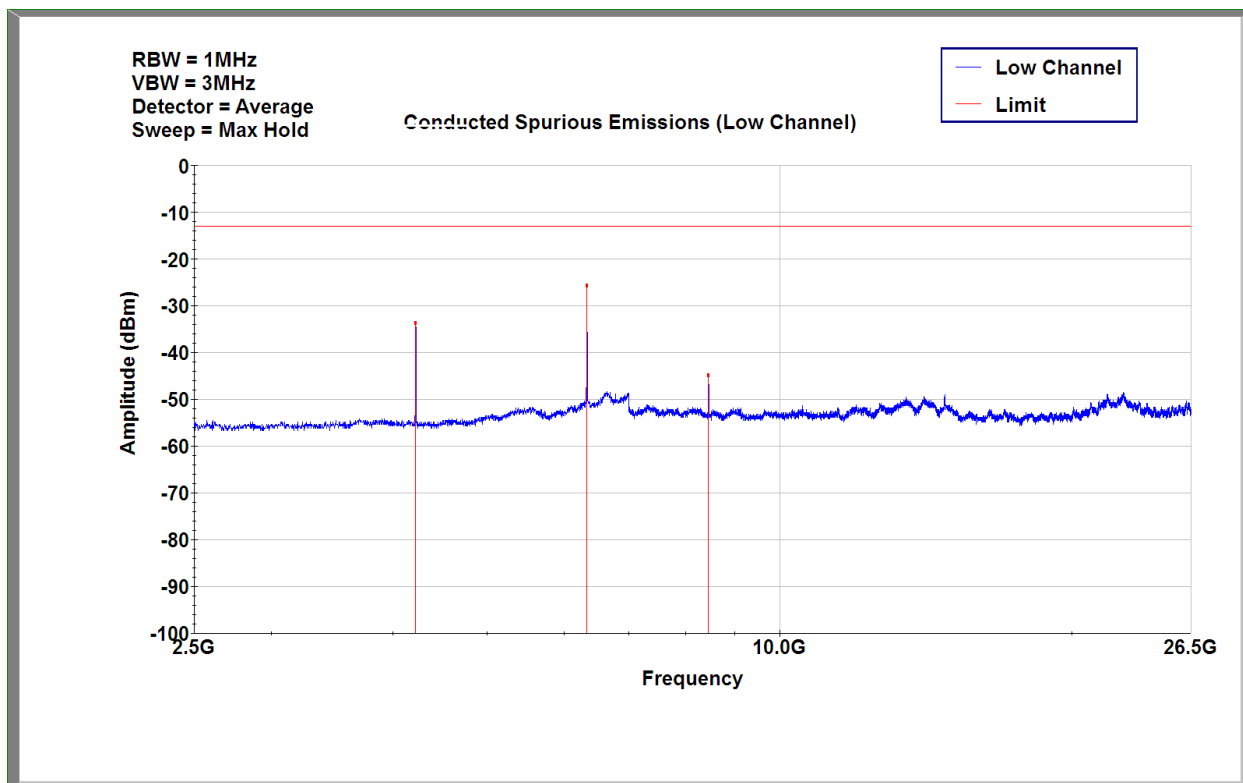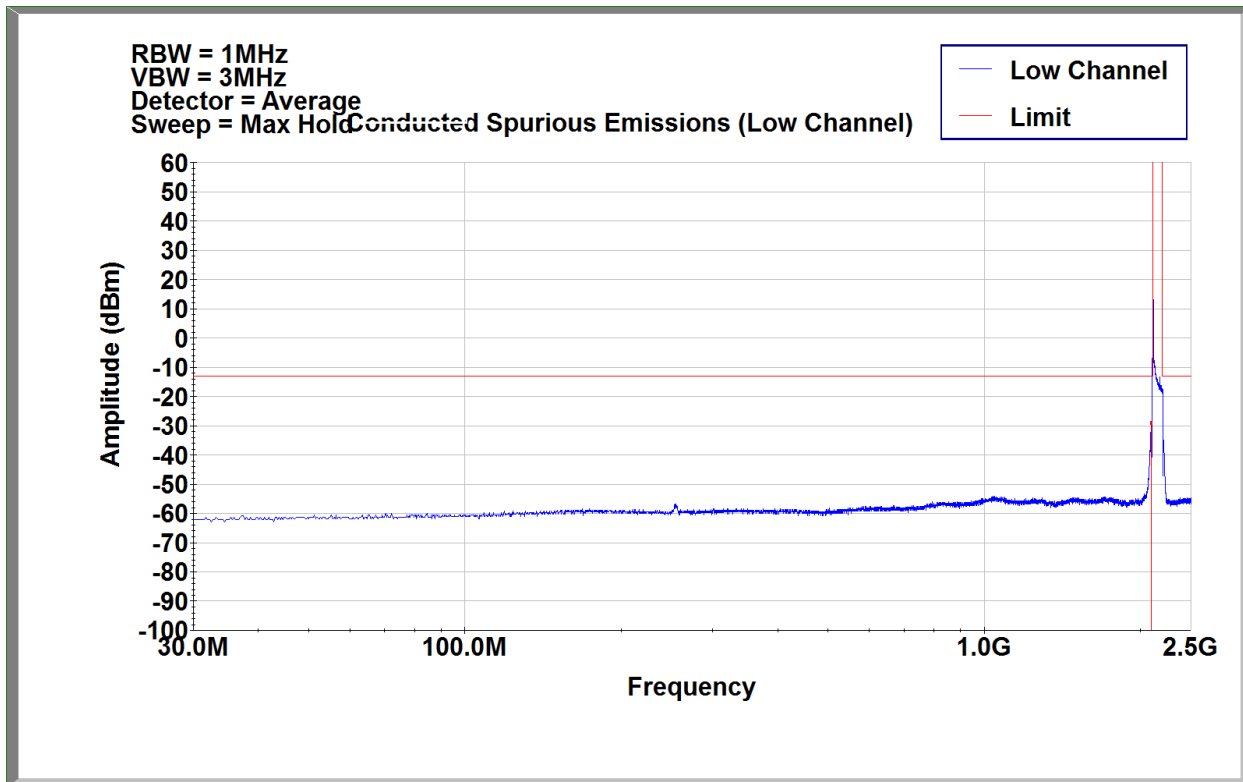
Band 66, 10MHz Bandwidth Setting, 16QAM, Low Channel, Port A

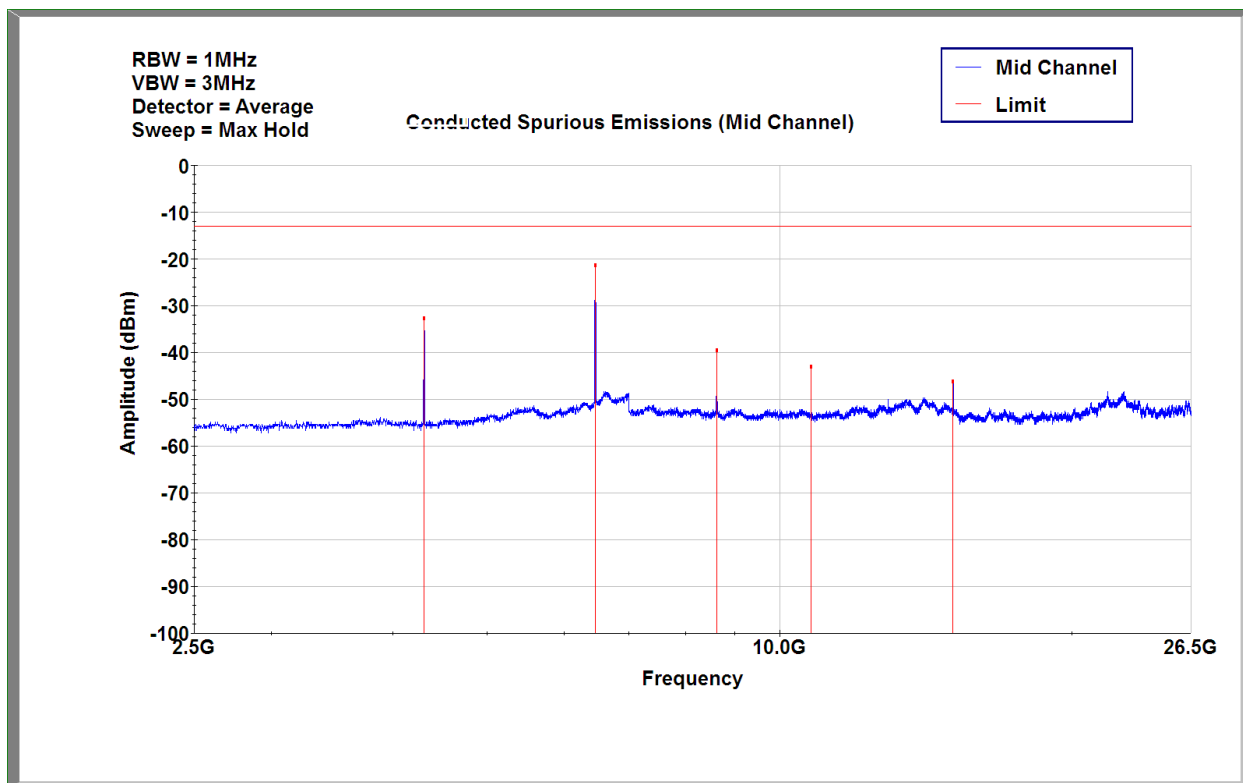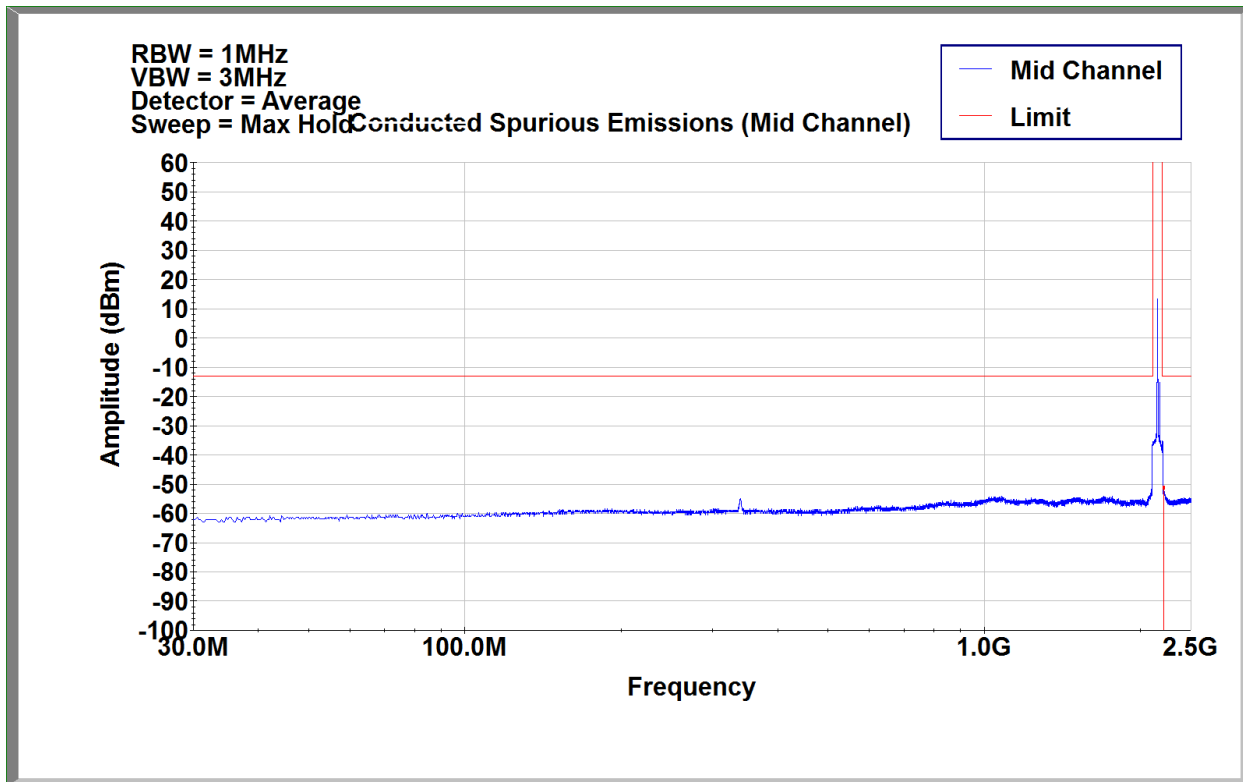Band 66, 10MHz Bandwidth Setting, 16QAM, Mid Channel, Port A
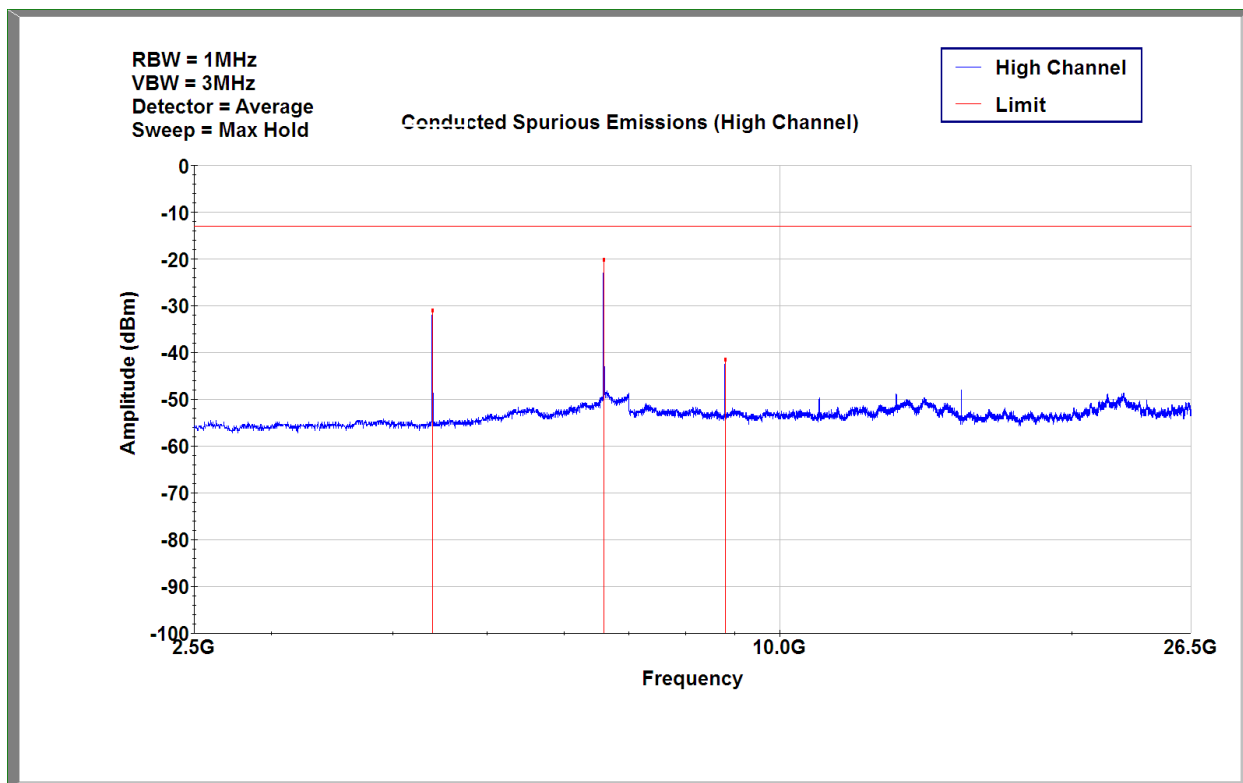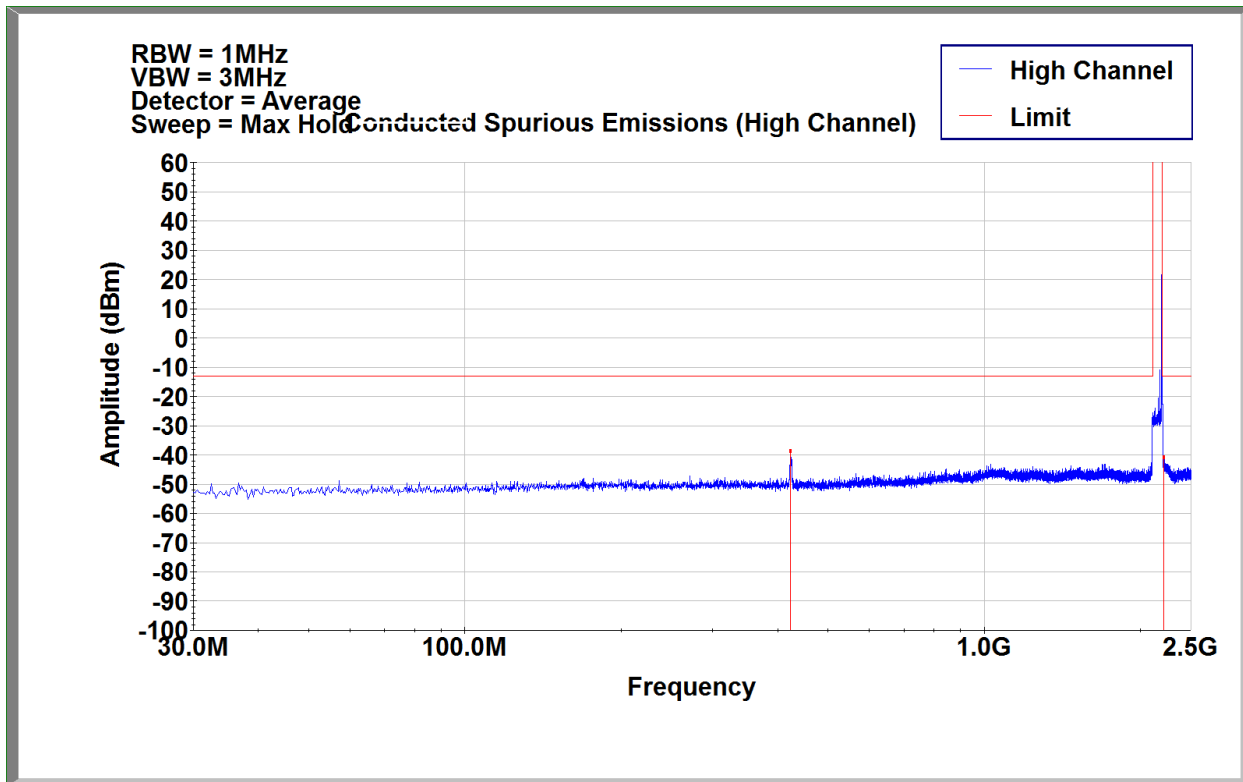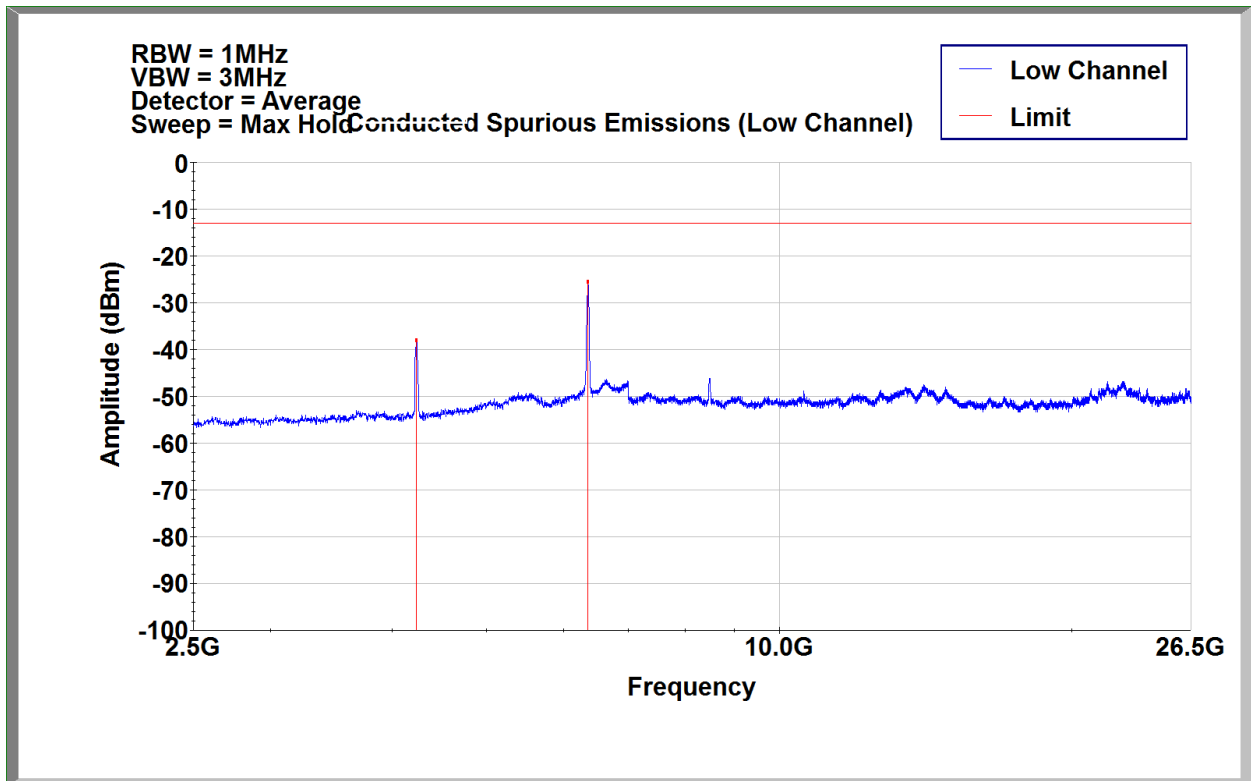
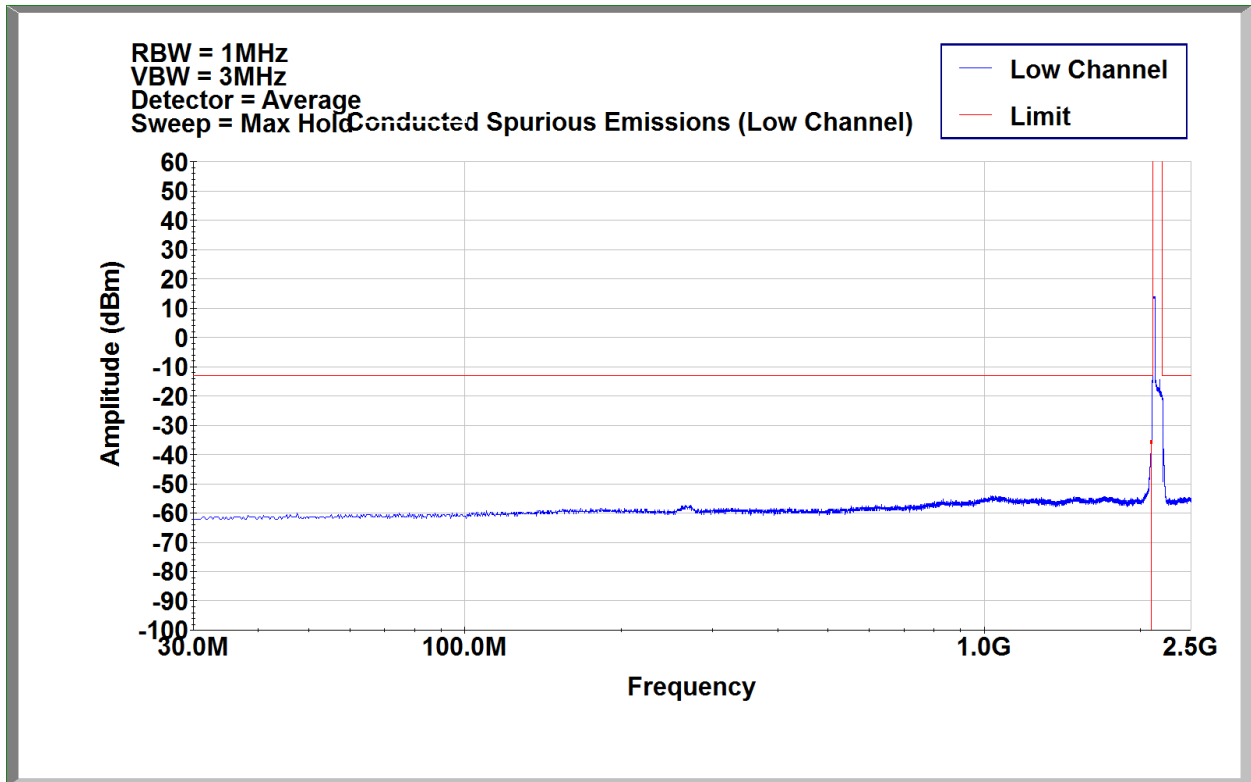Band 66, 10MHz Bandwidth Setting, 16QAM, High Channel, Port A
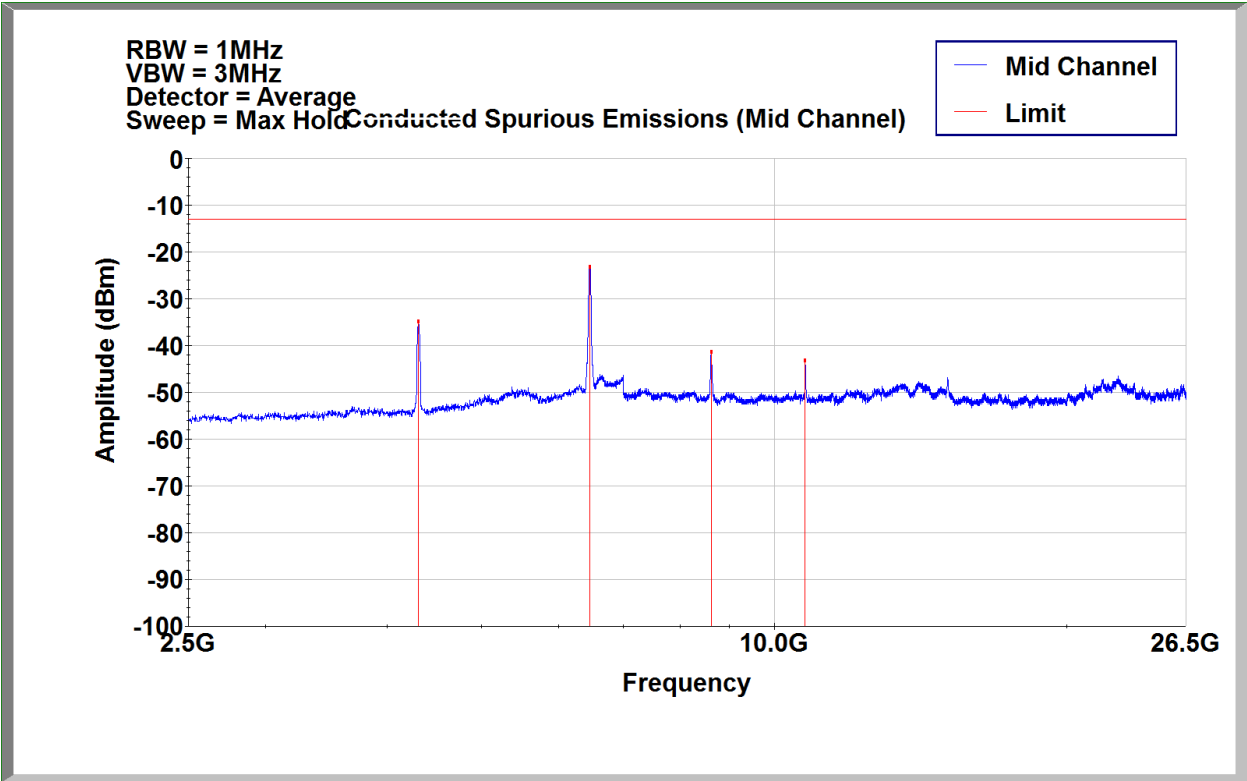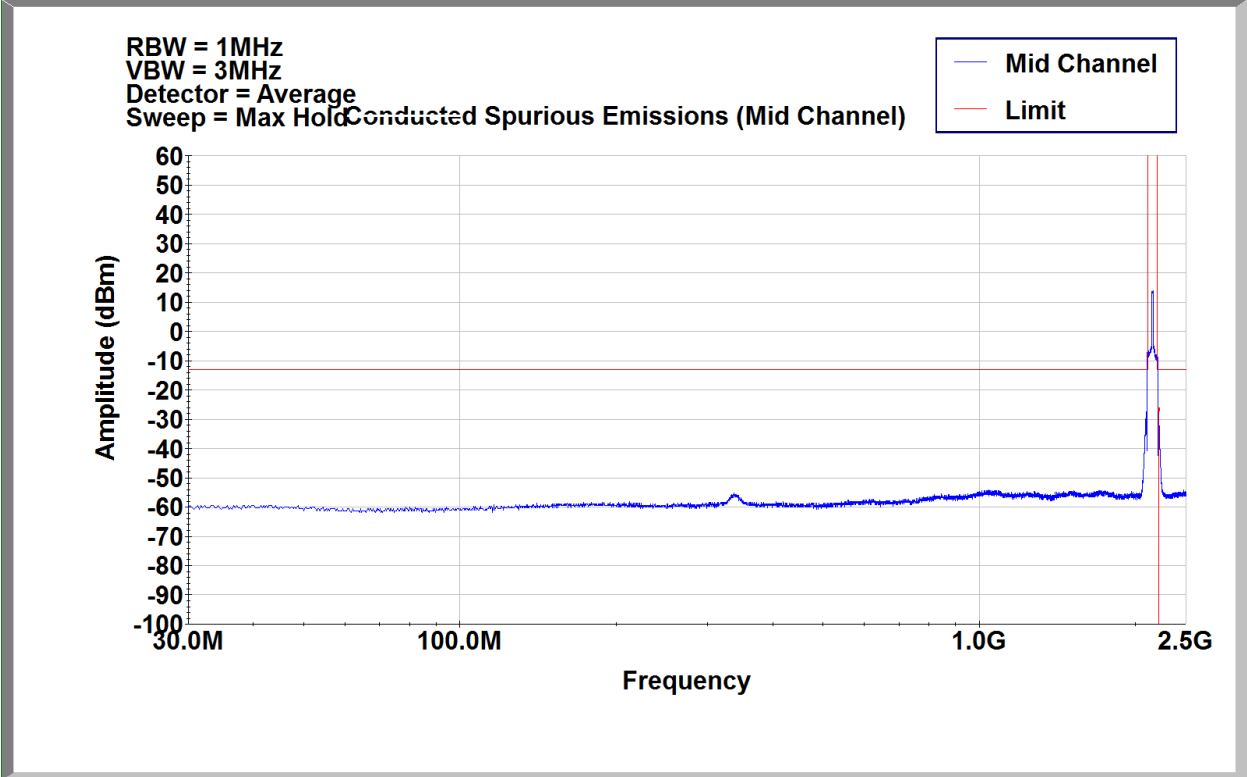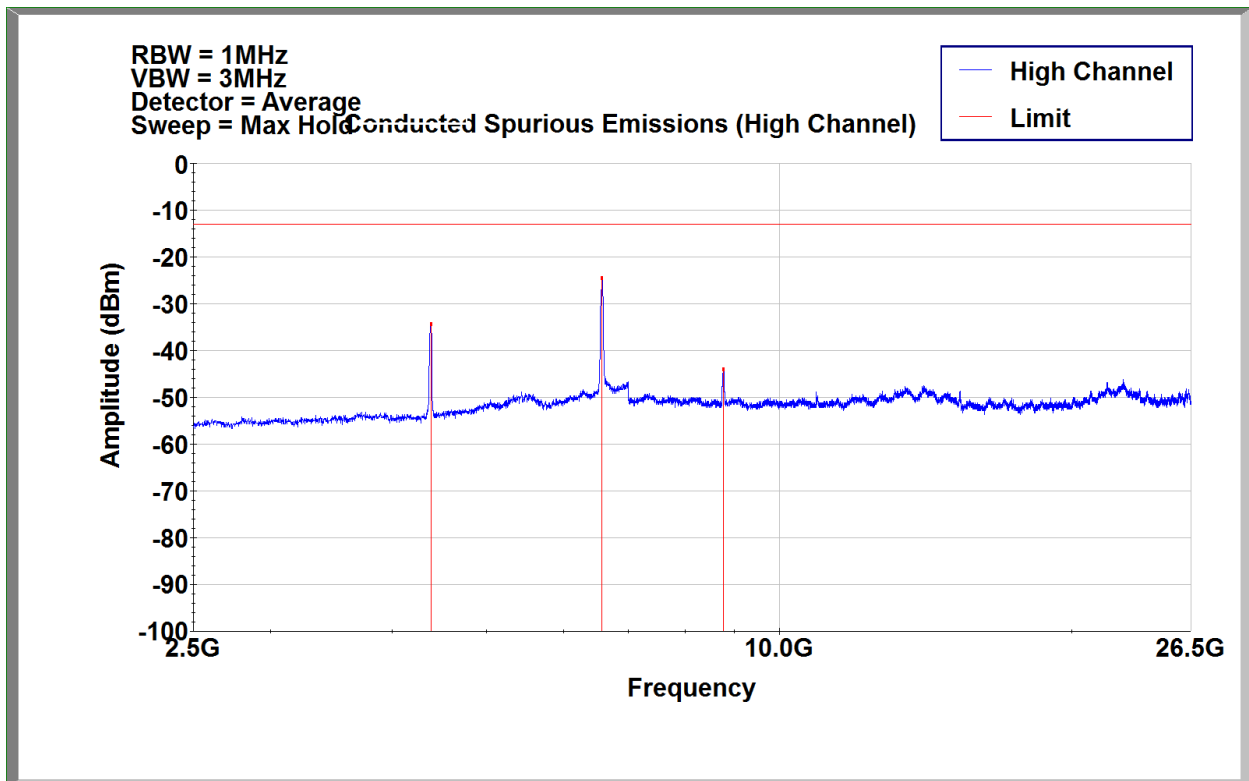
Band 66, 5MHz Bandwidth Setting, 16QAM, Low Channel, Port A
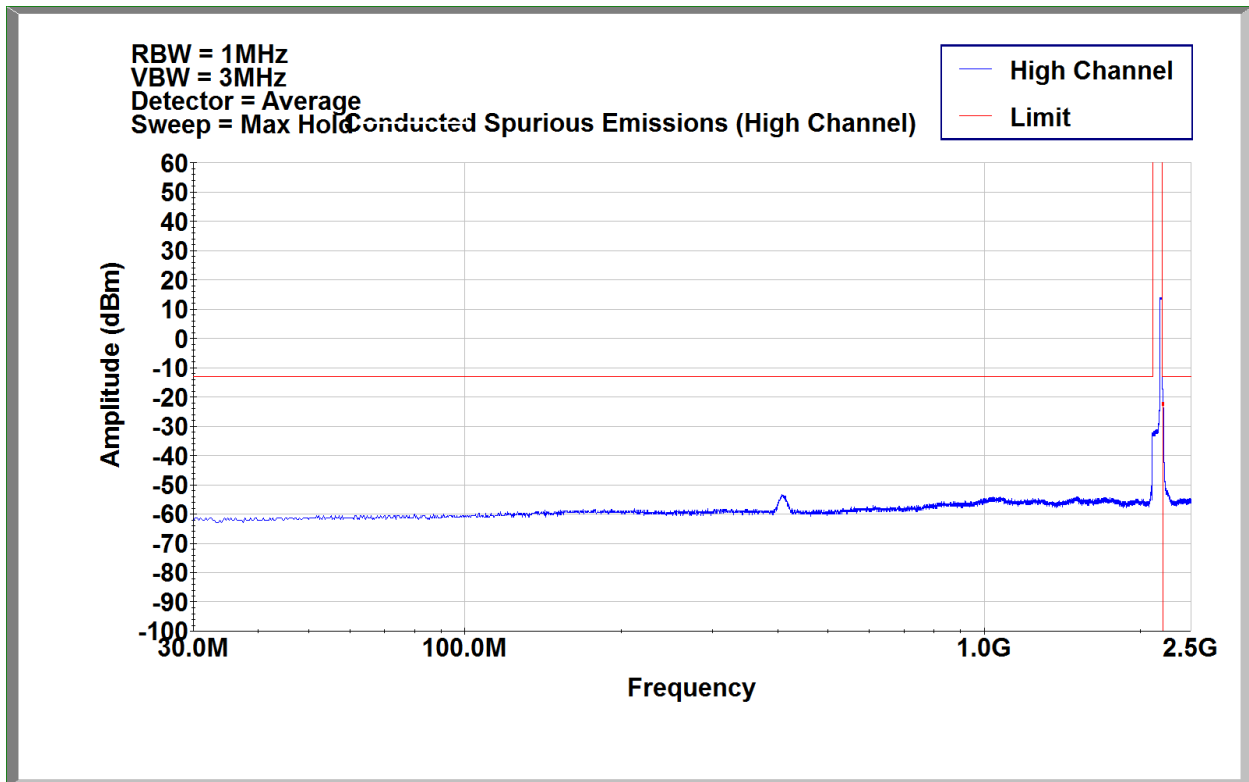
Band 66, 5MHz Bandwidth Setting, 16QAM, Mid Channel, Port A

Top chart:
RBW = 1MHz
VBW = 3MHz
Detector = Average
Sweep = Max Hold Conducted Spurious Emissions (High Channel)

High Channel
Limit

Bottom chart:
RBW = 1MHz
VBW = 3MHz
Detector = Average
Sweep = Max Hold Conducted Spurious Emissions (High Channel)

High Channel
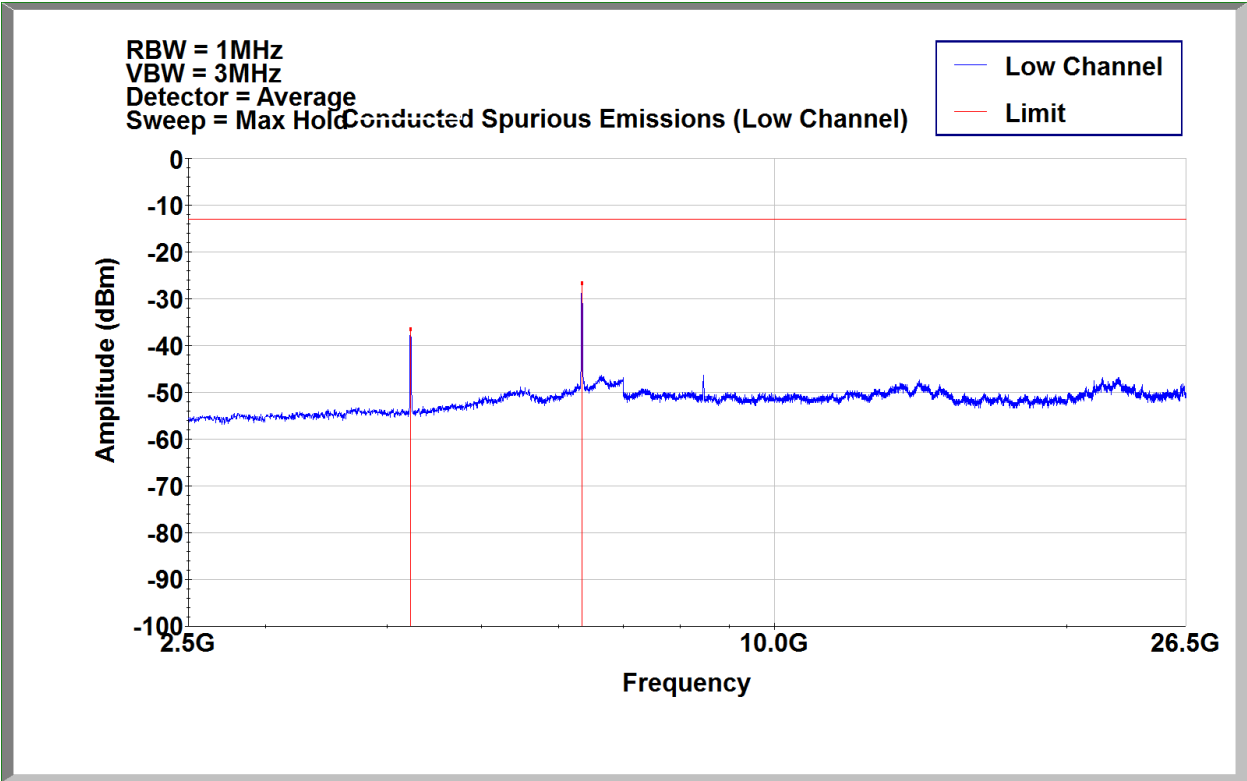Limit

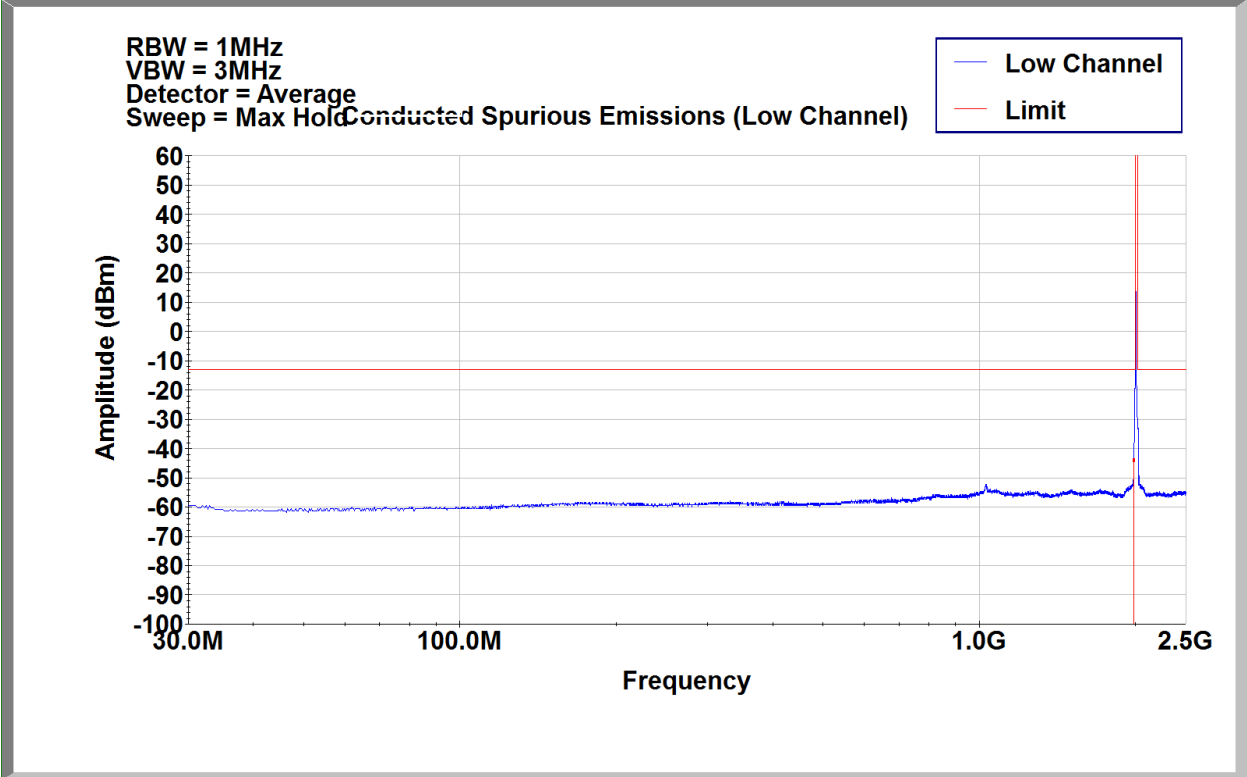Band 66, 5MHz Bandwidth Setting, 16QAM, High Channel, Port A

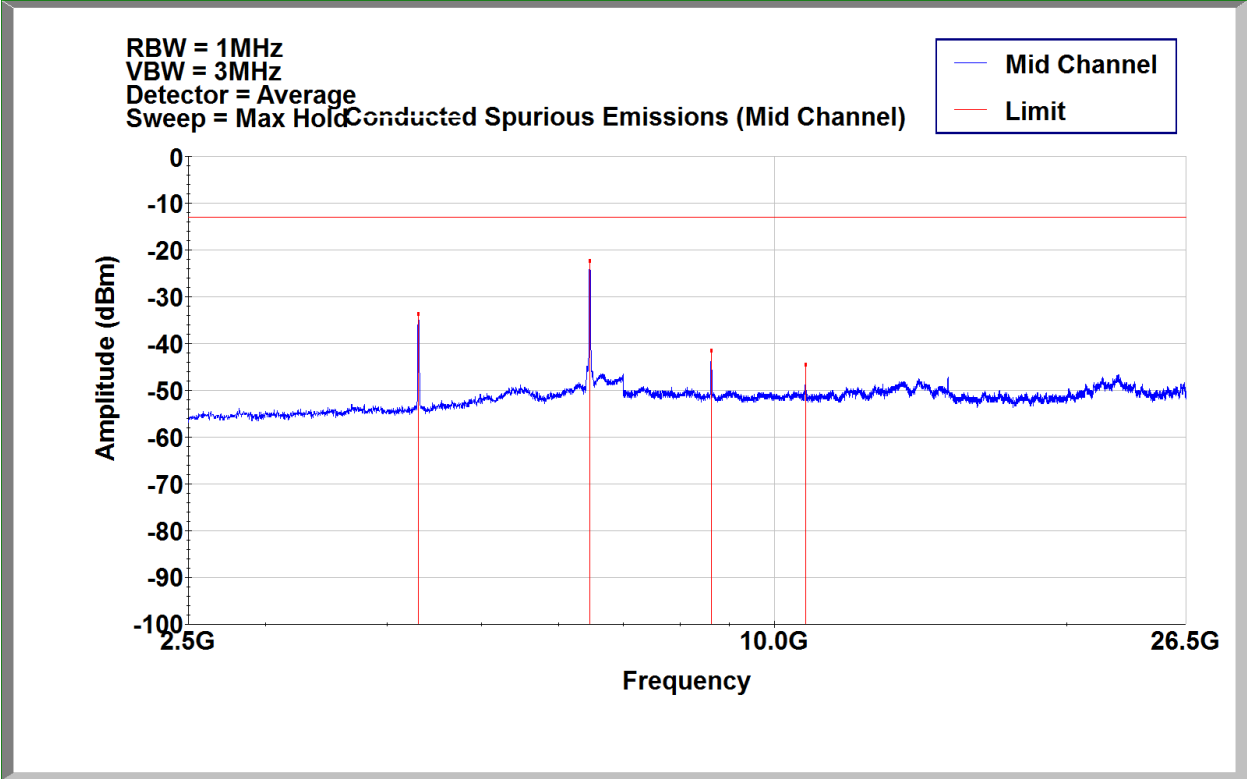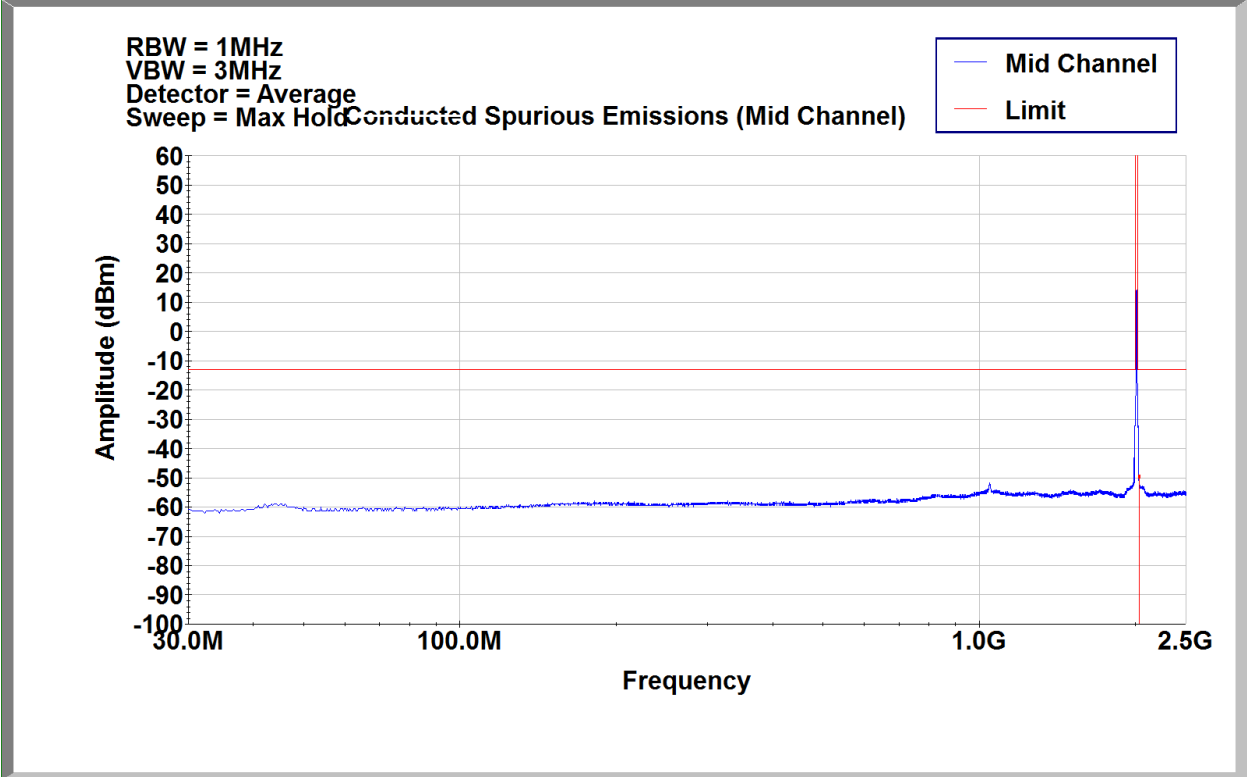Band 66, 20MHz Bandwidth Setting, 64QAM, Low Channel, Port A

Band 66, 20MHz Bandwidth Setting, 64QAM, Mid Channel, Port A
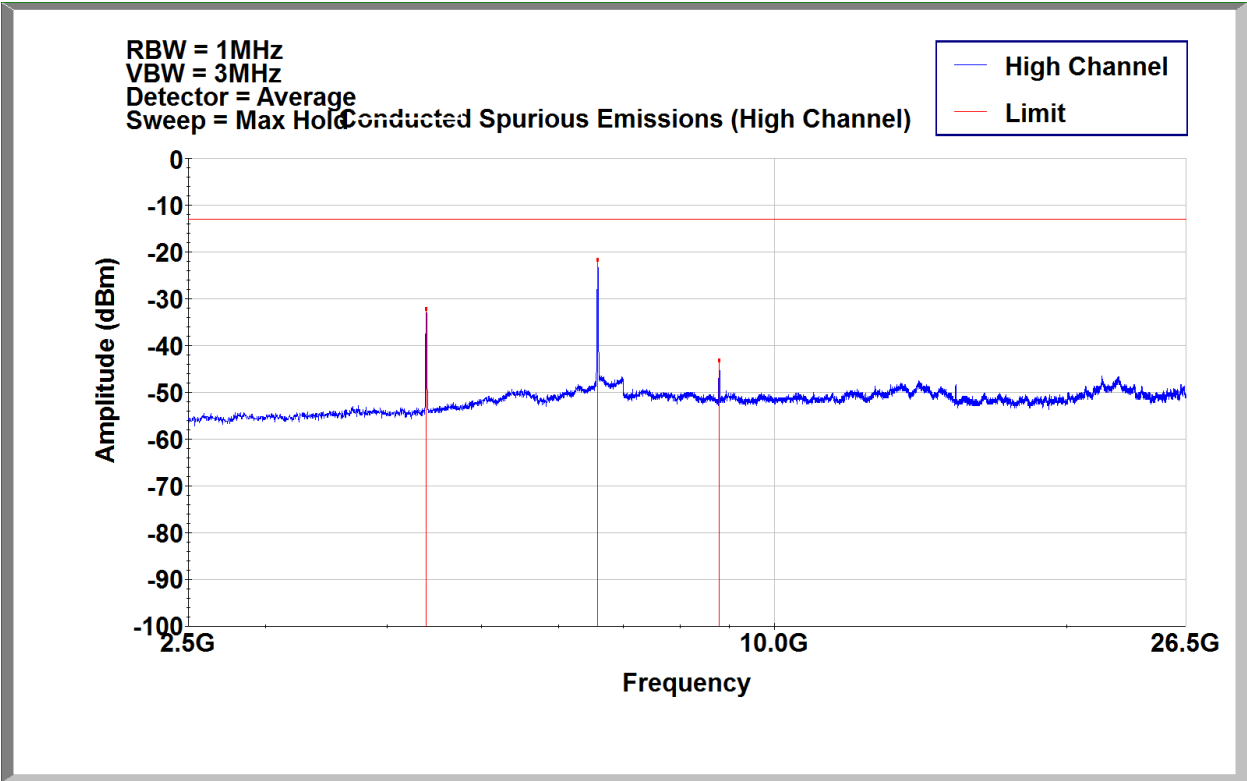
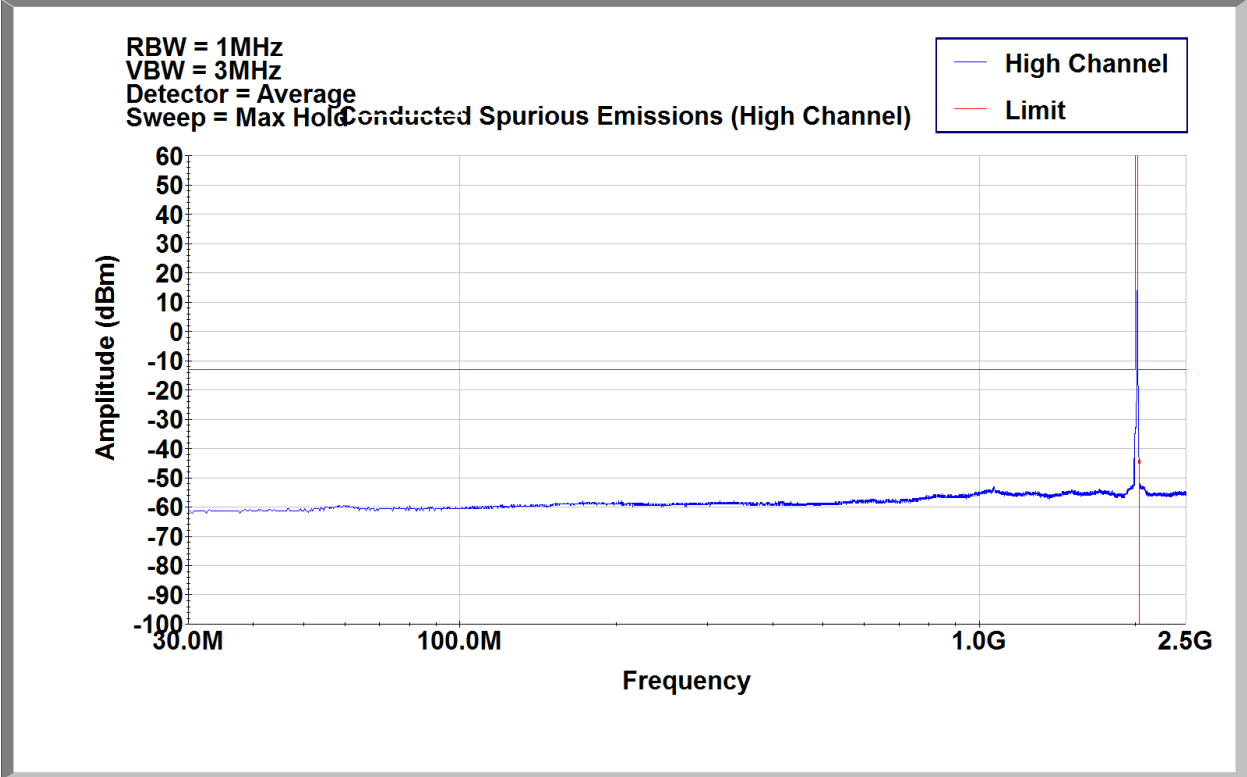Band 66, 20MHz Bandwidth Setting, 64QAM, High Channel, Port A

Band 66, 10MHz Bandwidth Setting, 64QAM, Low Channel, Port A

Band 66, 10MHz Bandwidth Setting, 64QAM, Mid Channel, Port A

Band 66, 10MHz Bandwidth Setting, 64QAM, High Channel, Port A

Band 66, 5MHz Bandwidth Setting, 64QAM, Low Channel, Port A
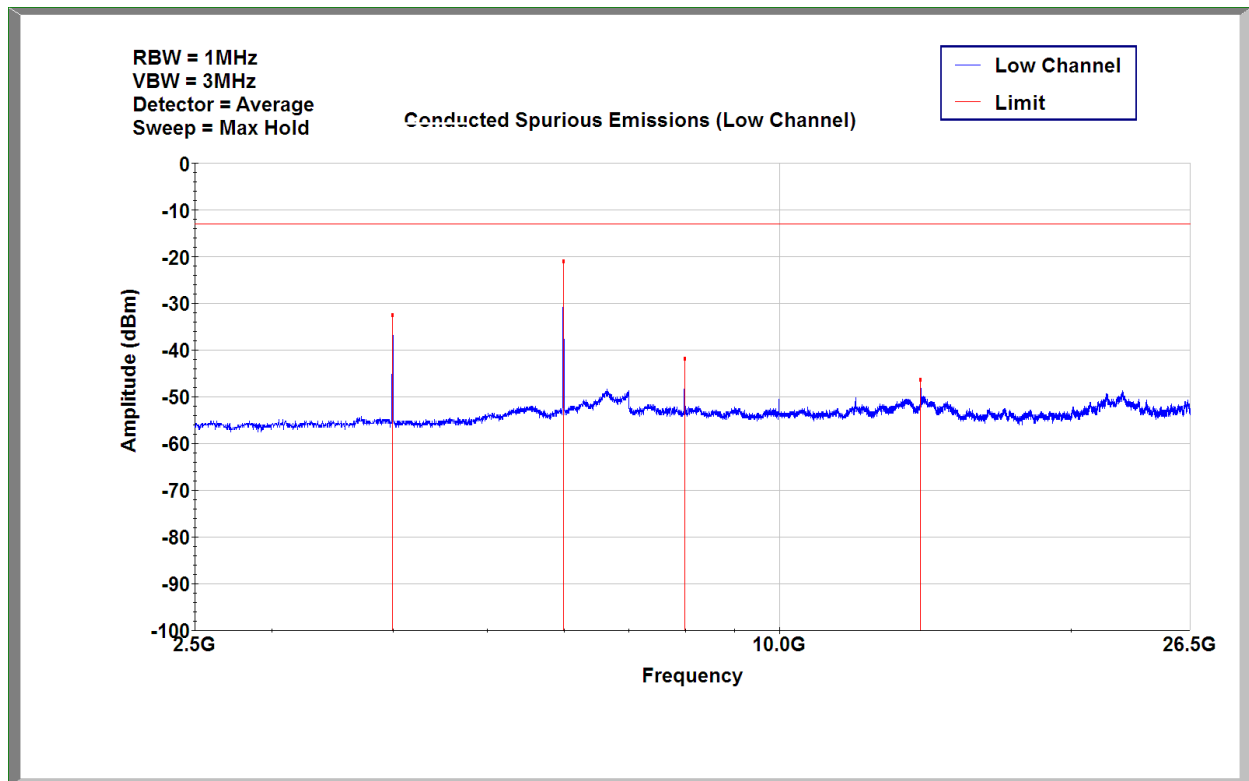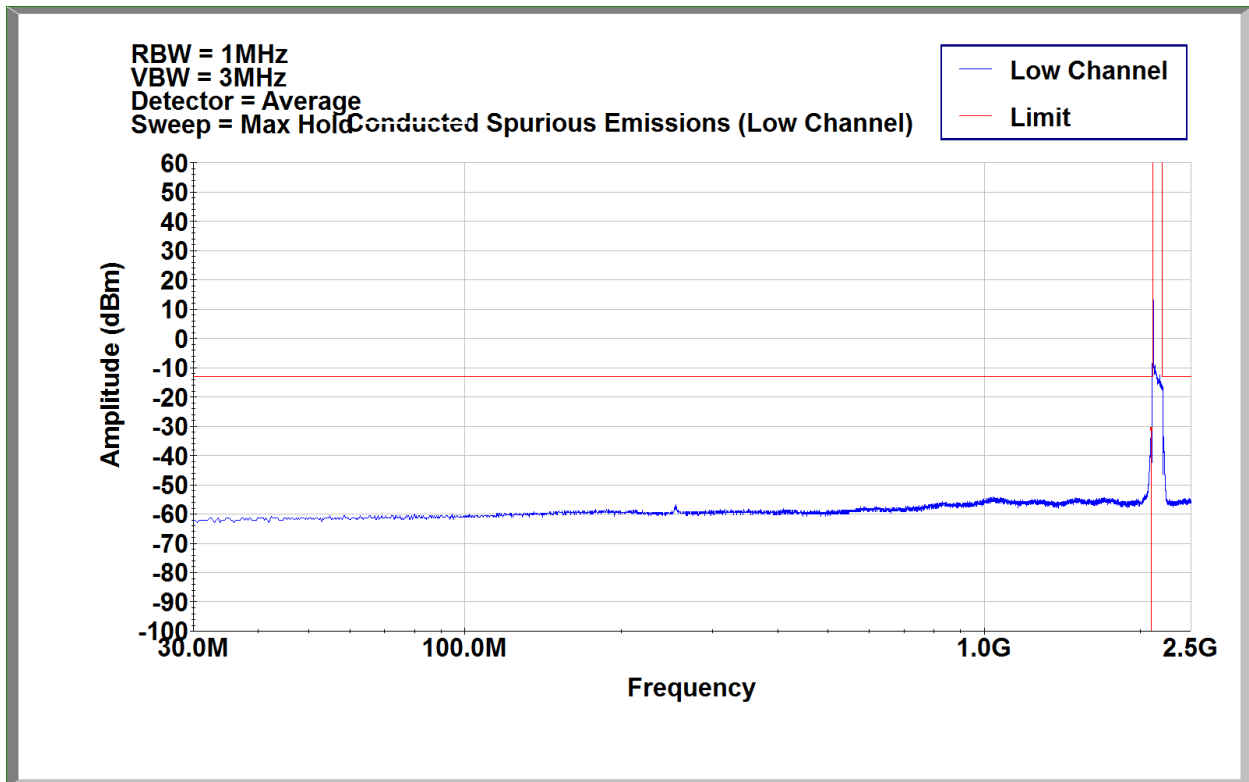
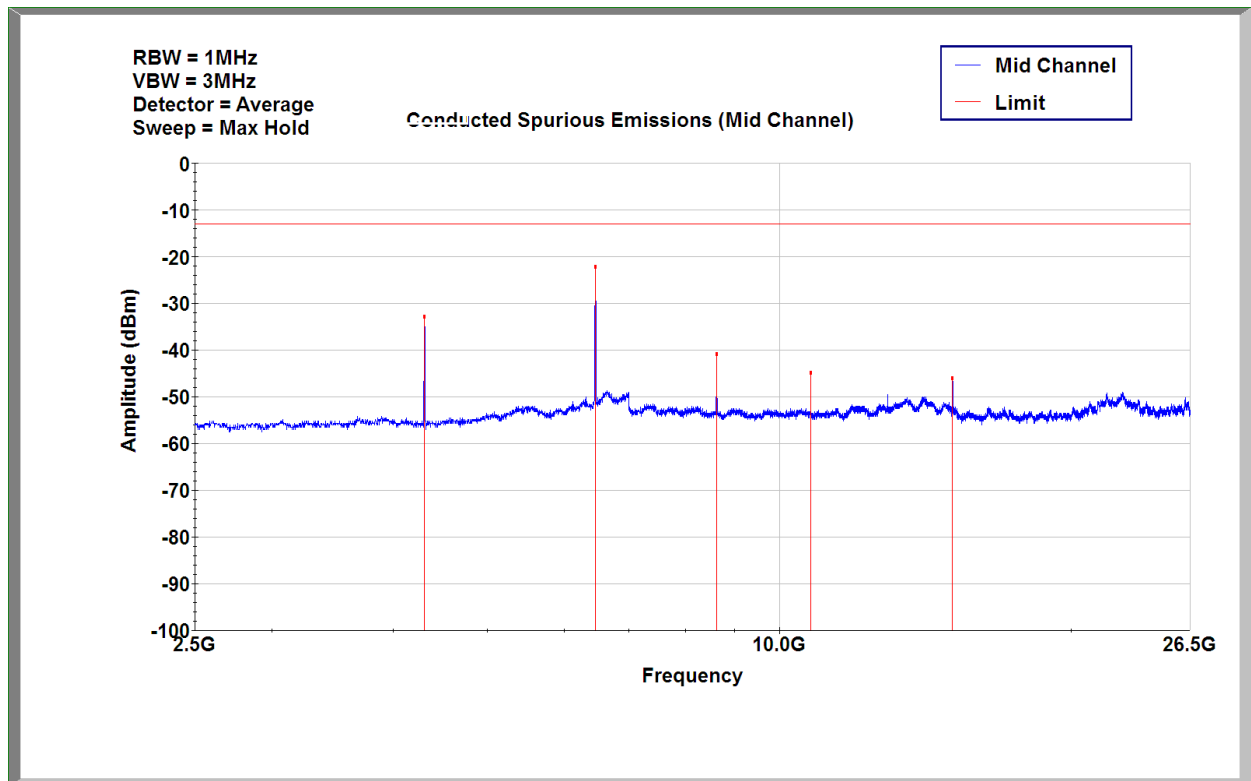Band 66, 5MHz Bandwidth Setting, 64QAM, Mid Channel, Port A

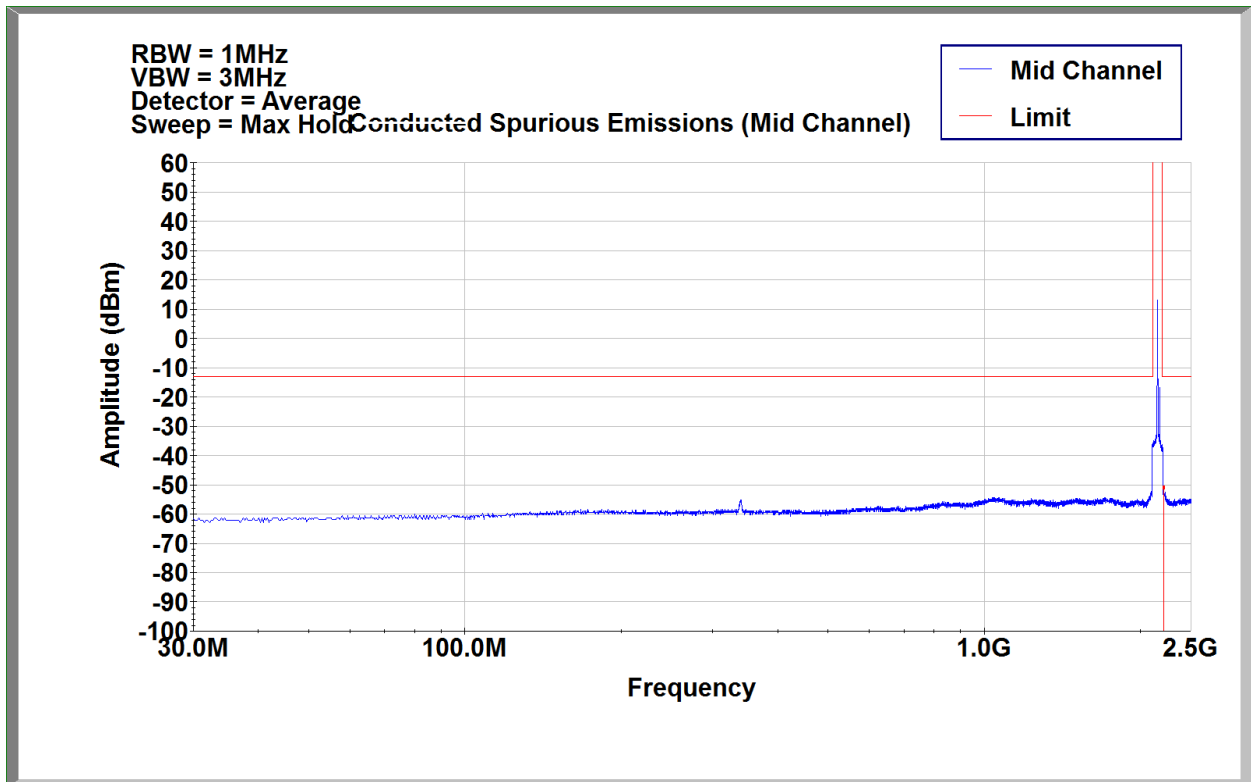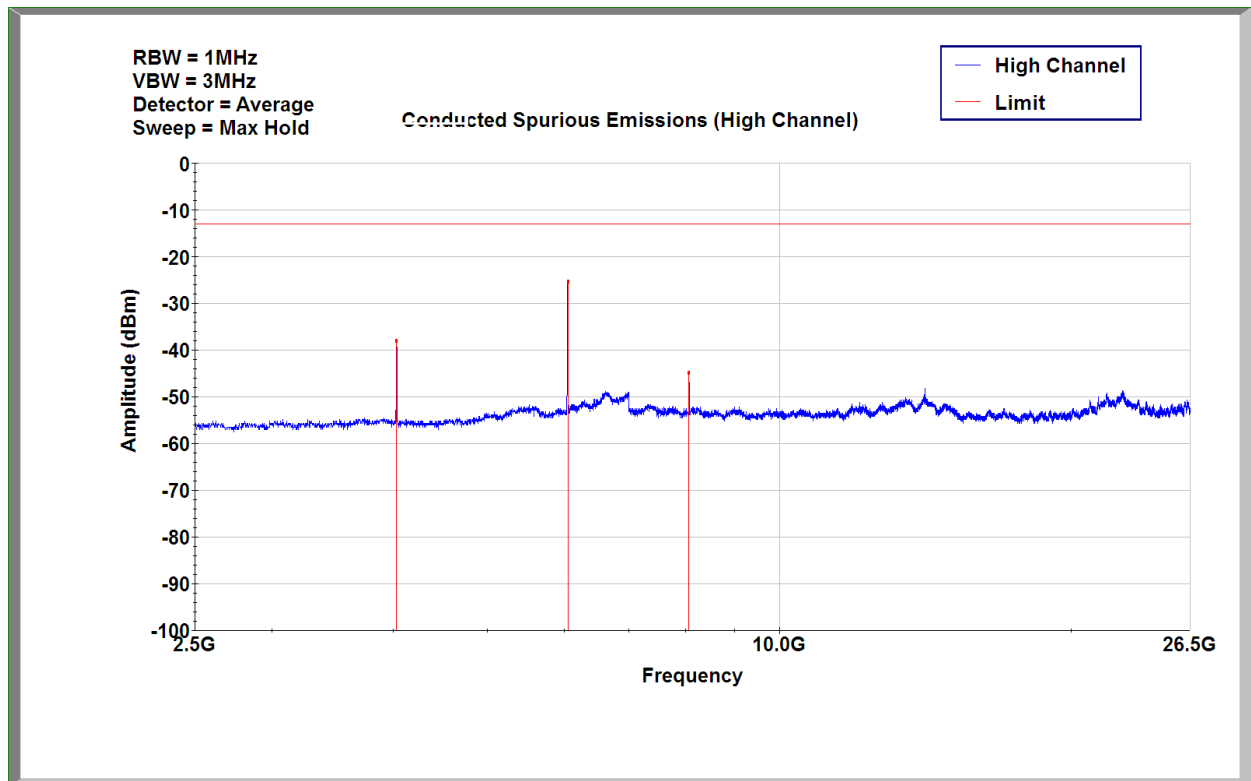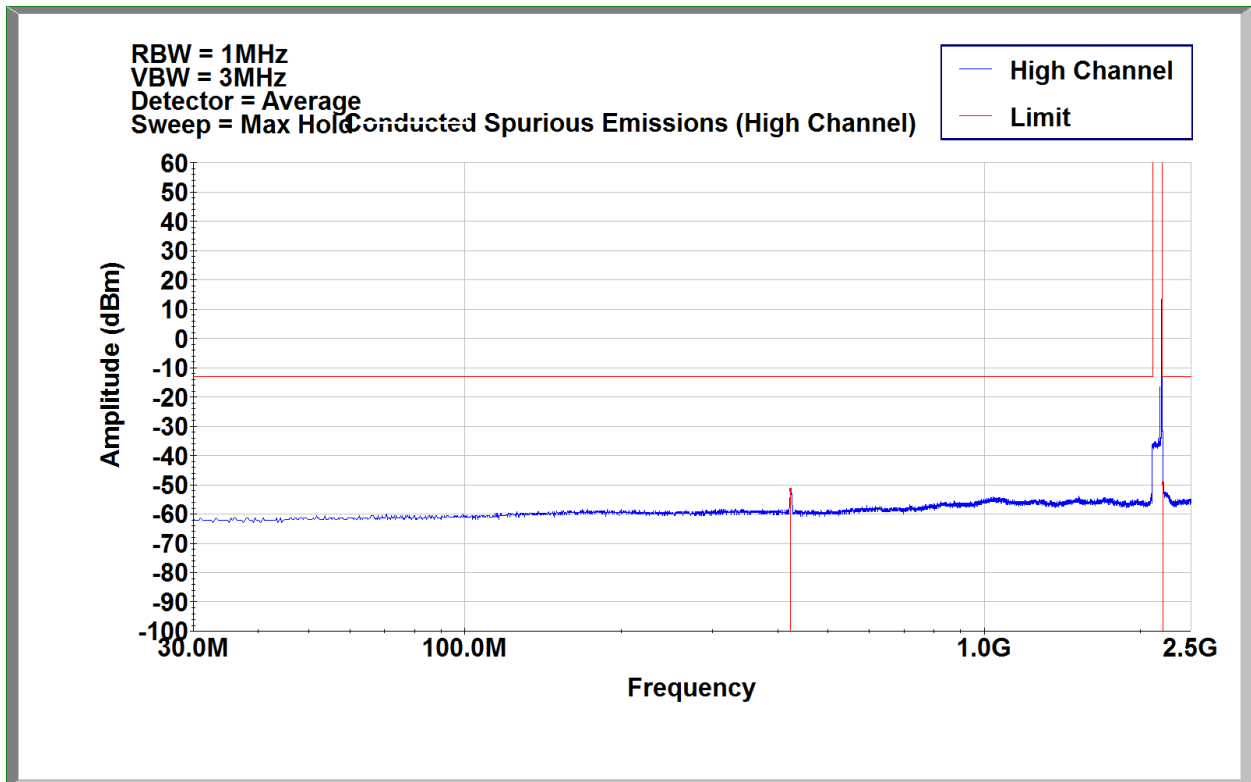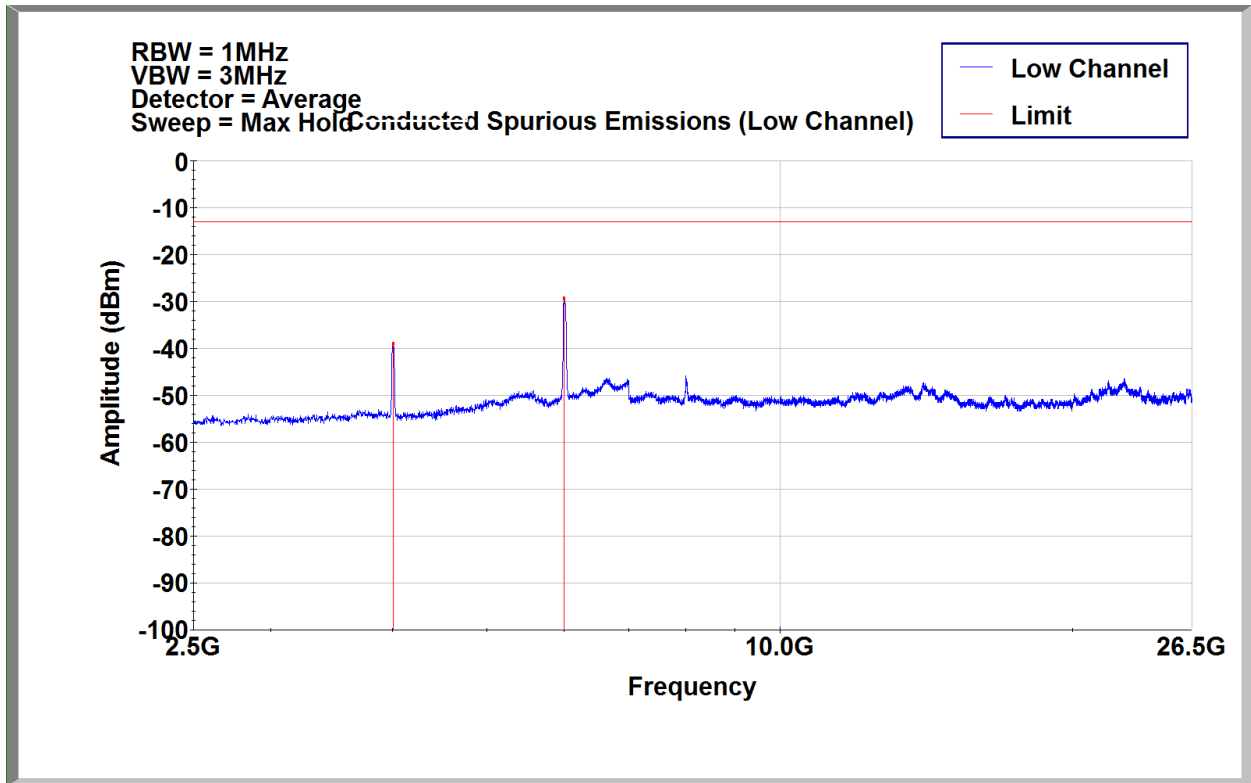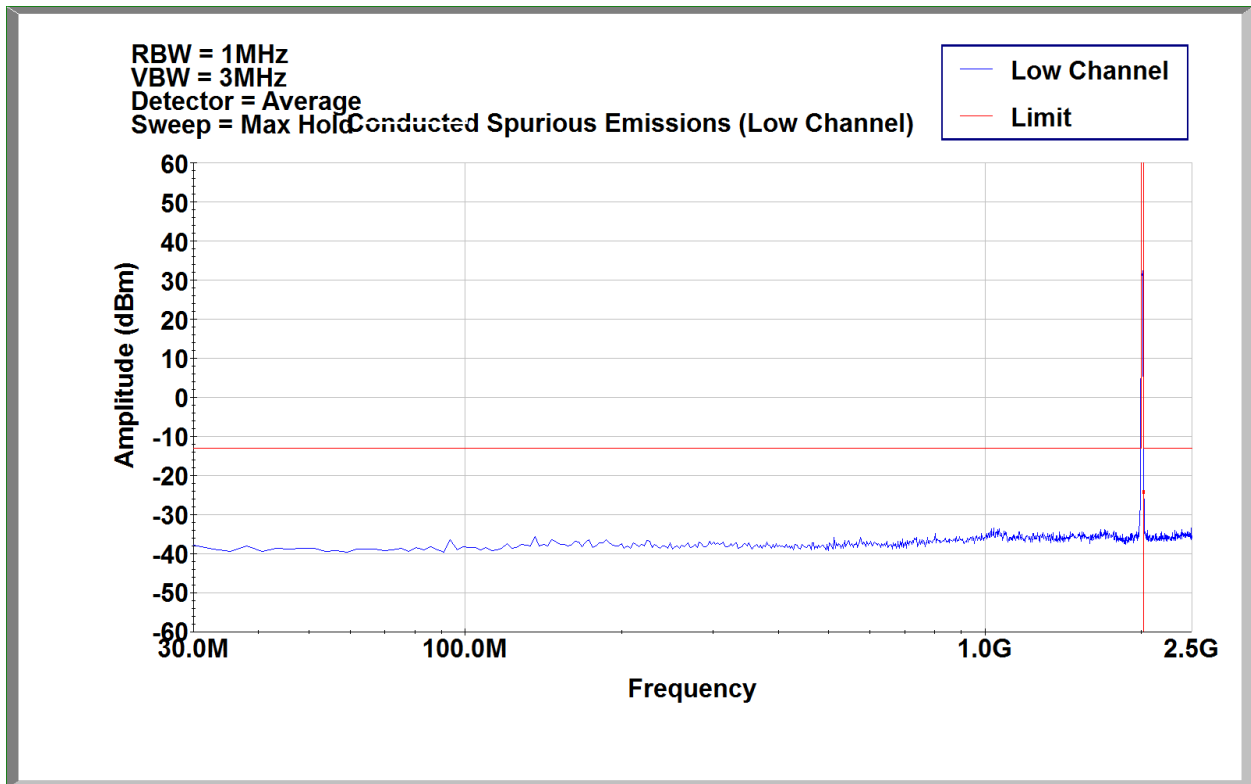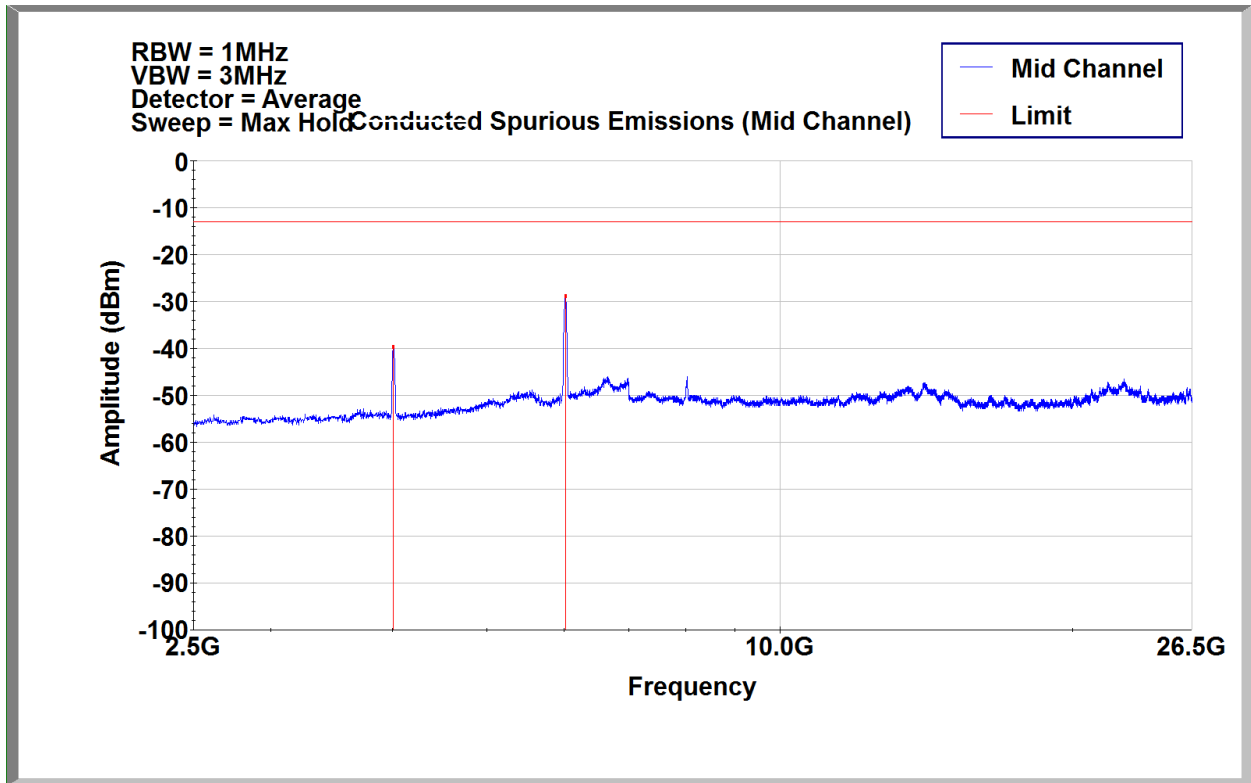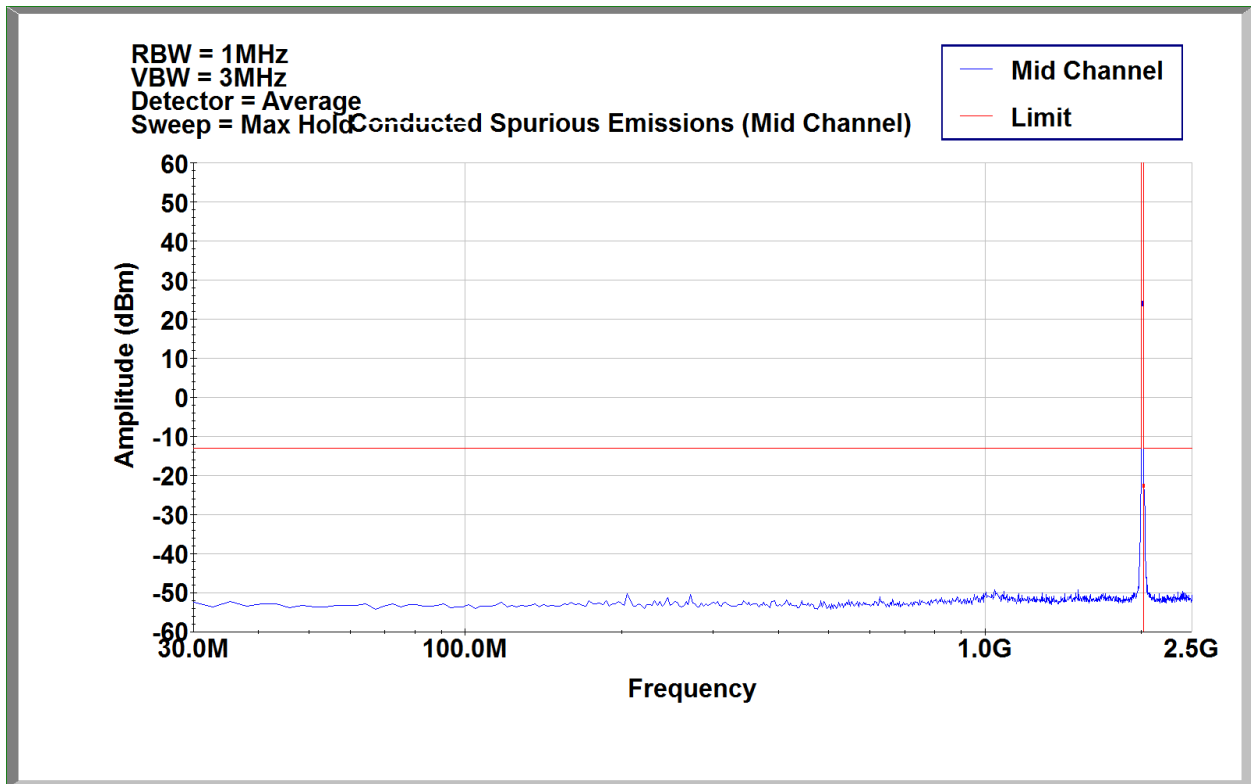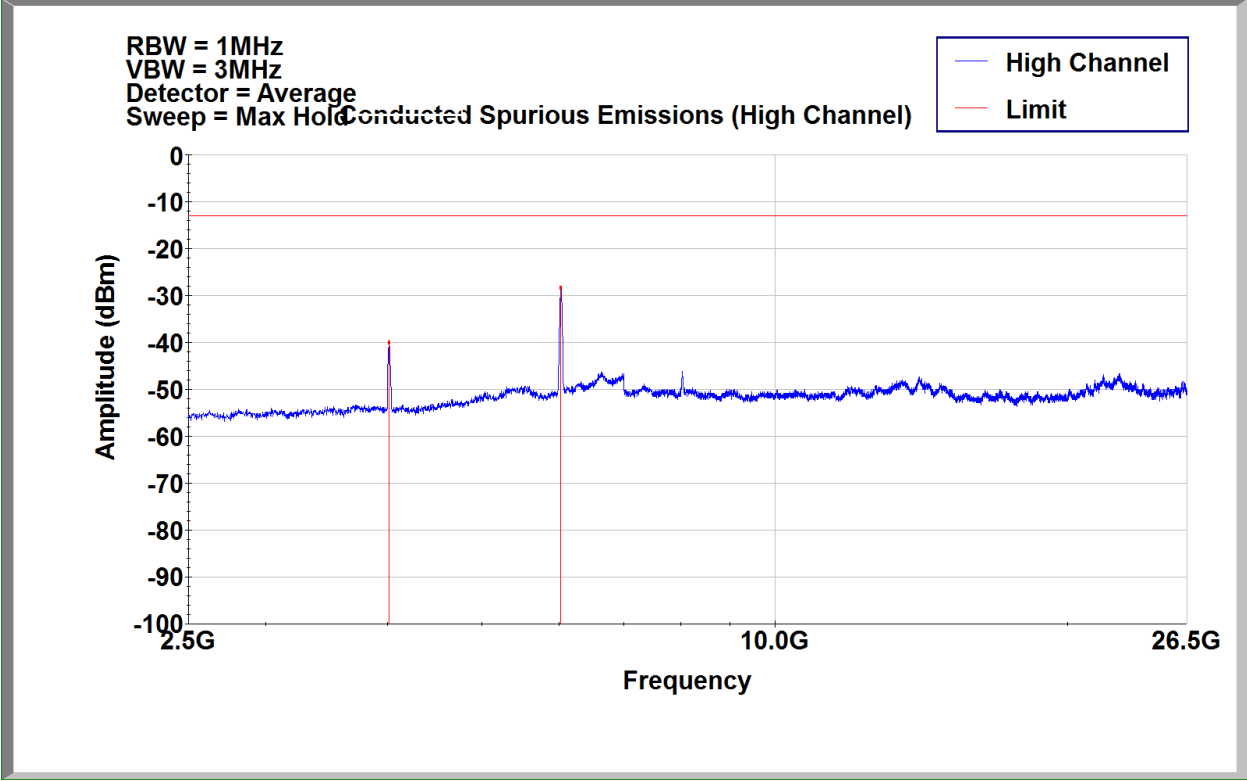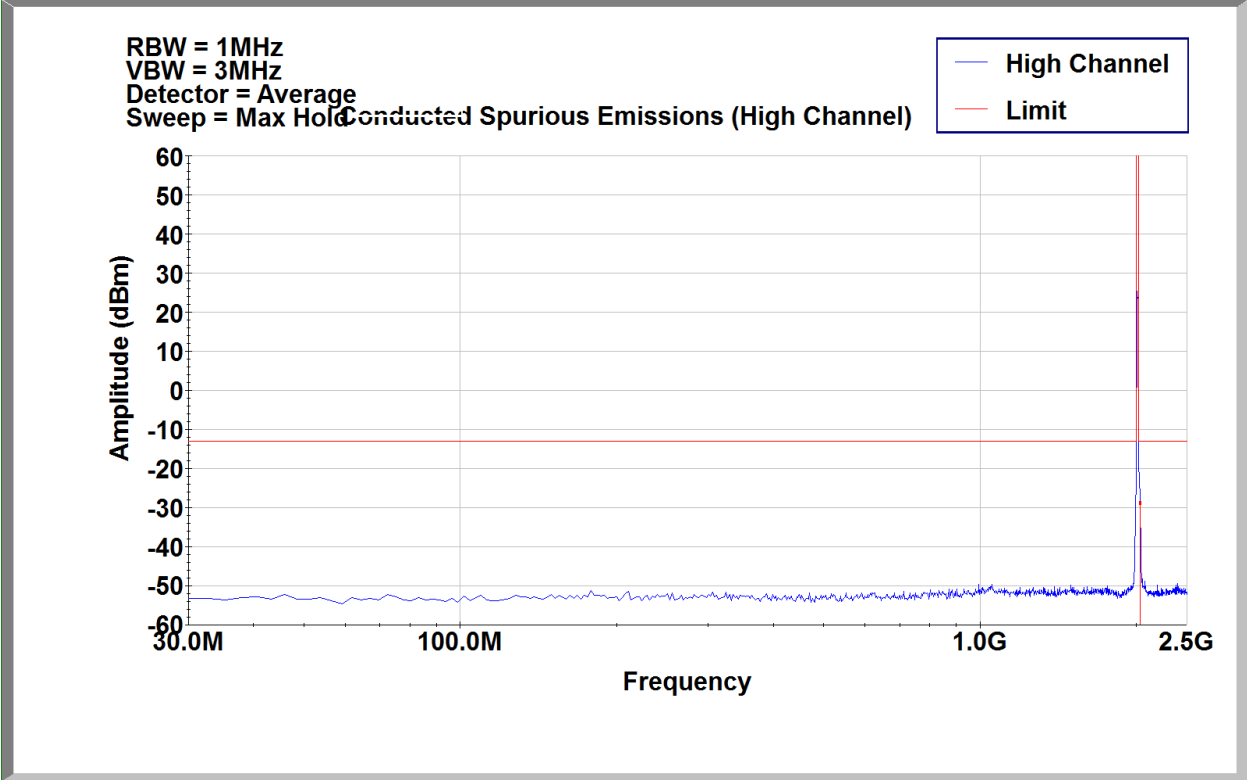Band 66, 5MHz Bandwidth Setting, 64QAM, High Channel, Port A

Conducted Spurious Emissions (Low Channel)

Low Channel
Limit

Amplitude (dBm)

60
50
40
30
20
10
0
-10
-20
-30
-40
-50
-60
-70
-80
-90
-100

30.0M   100.0M   1.0G   2.5G

Frequency

RBW = 1MHz
VBW = 3MHz
Detector = Average
Sweep = Max Hold Conducted Spurious Emissions (Low Channel)

Low Channel
Limit

Amplitude (dBm)

0
-10
-20
-30
-40
-50
-60
-70
-80
-90
-100

2.5G   10.0G   26.5G

Frequency

Band 66, 20MHz Bandwidth Setting, 256QAM, Low Channel, Port A

Chart 1

RBW = 1MHz
VBW = 3MHz
Detector = Average
Sweep = Max Hold Conducted Spurious Emissions (Mid Channel)

Legend:
— Mid Channel
— Limit

Y-axis: Amplitude (dBm), ranging from -100 to 60
X-axis: Frequency, 30.0M to 2.5G (100.0M, 1.0G marked)

Chart 2

RBW = 1MHz
VBW = 3MHz
Detector = Average
Sweep = Max Hold Conducted Spurious Emissions (Mid Channel)

Legend:
— Mid Channel
— Limit

Y-axis: Amplitude (dBm), ranging from -100 to 0
X-axis: Frequency, 2.5G to 26.5G (10.0G marked)

Band 66, 20MHz Bandwidth Setting, 256QAM, Mid Channel, Port A

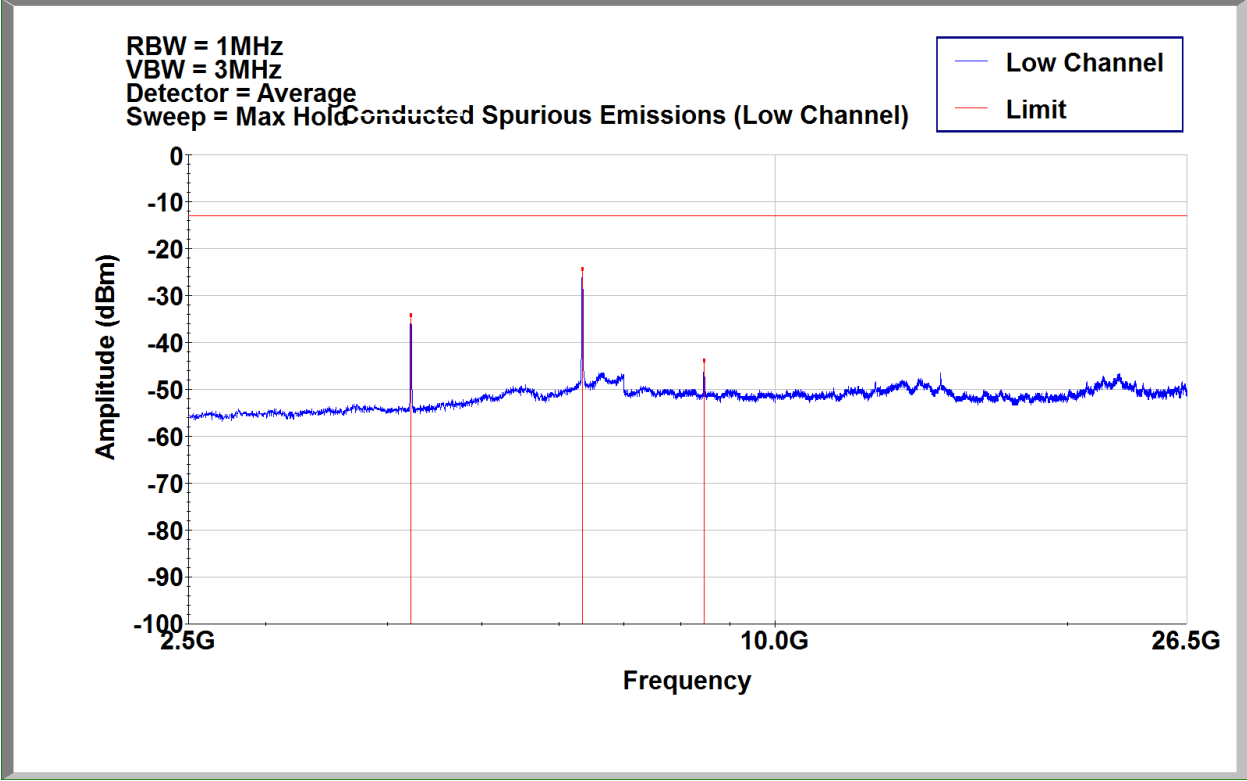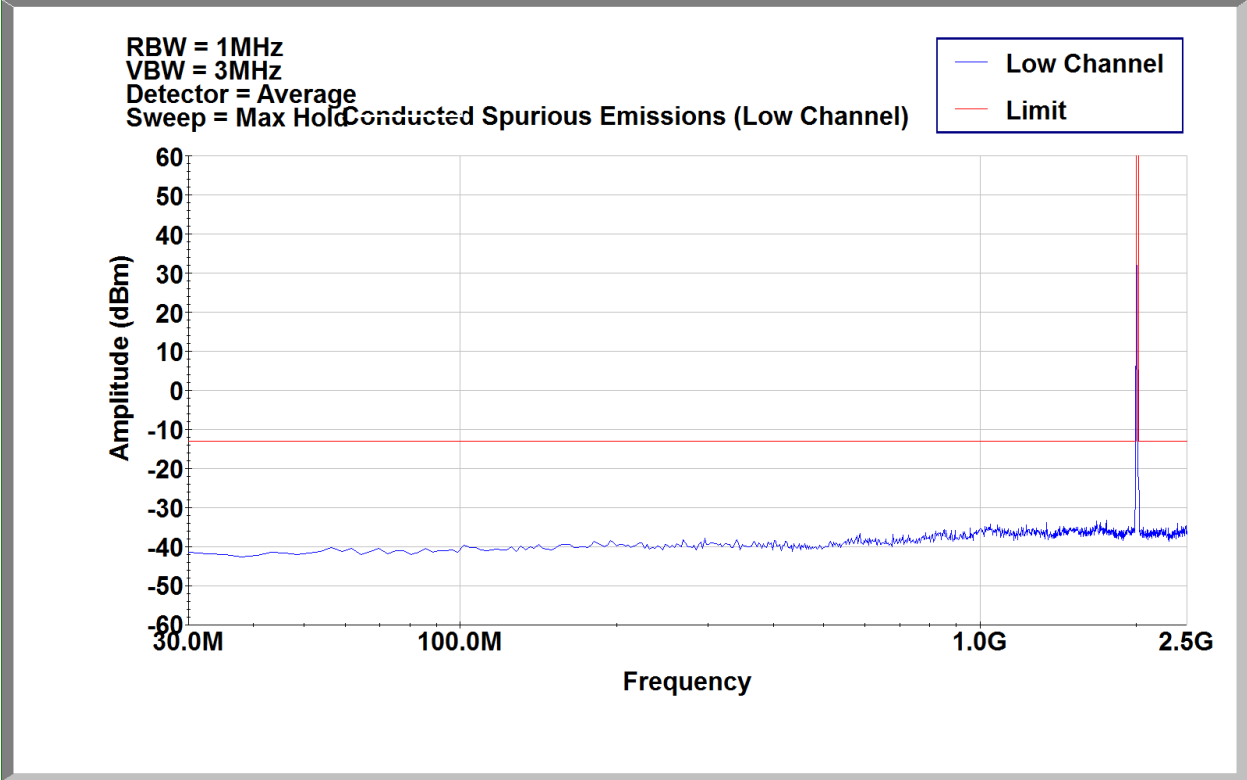Band 66, 20MHz Bandwidth Setting, 256QAM, High Channel, Port A

Band 66, 10MHz Bandwidth Setting, 256QAM, Low Channel, Port A
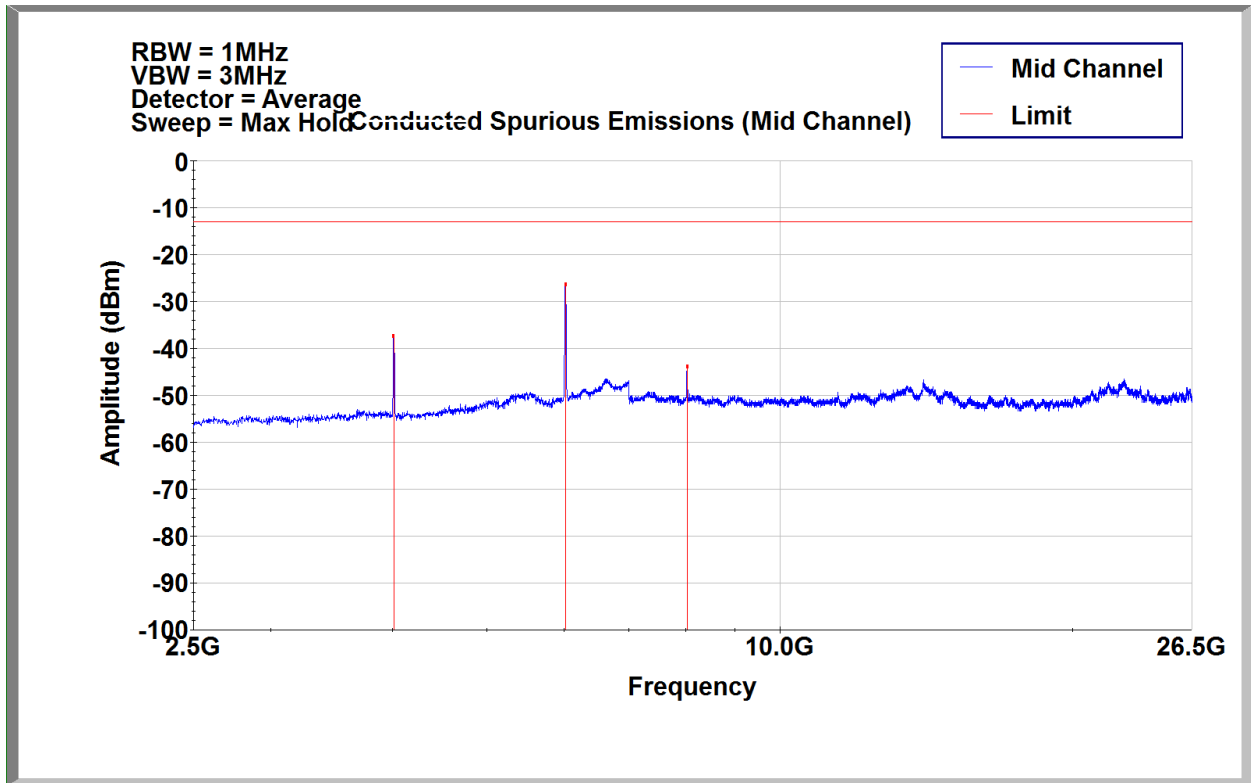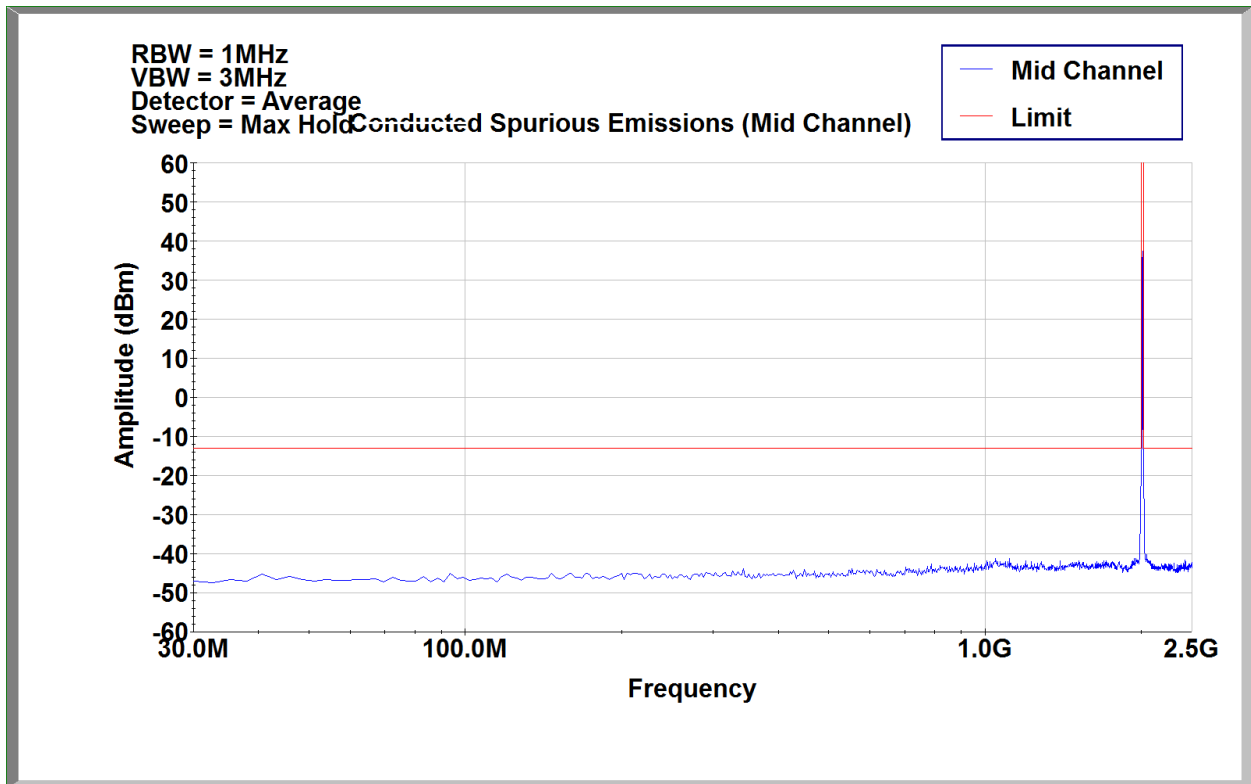
Band 66, 10MHz Bandwidth Setting, 256QAM, Mid Channel, Port A

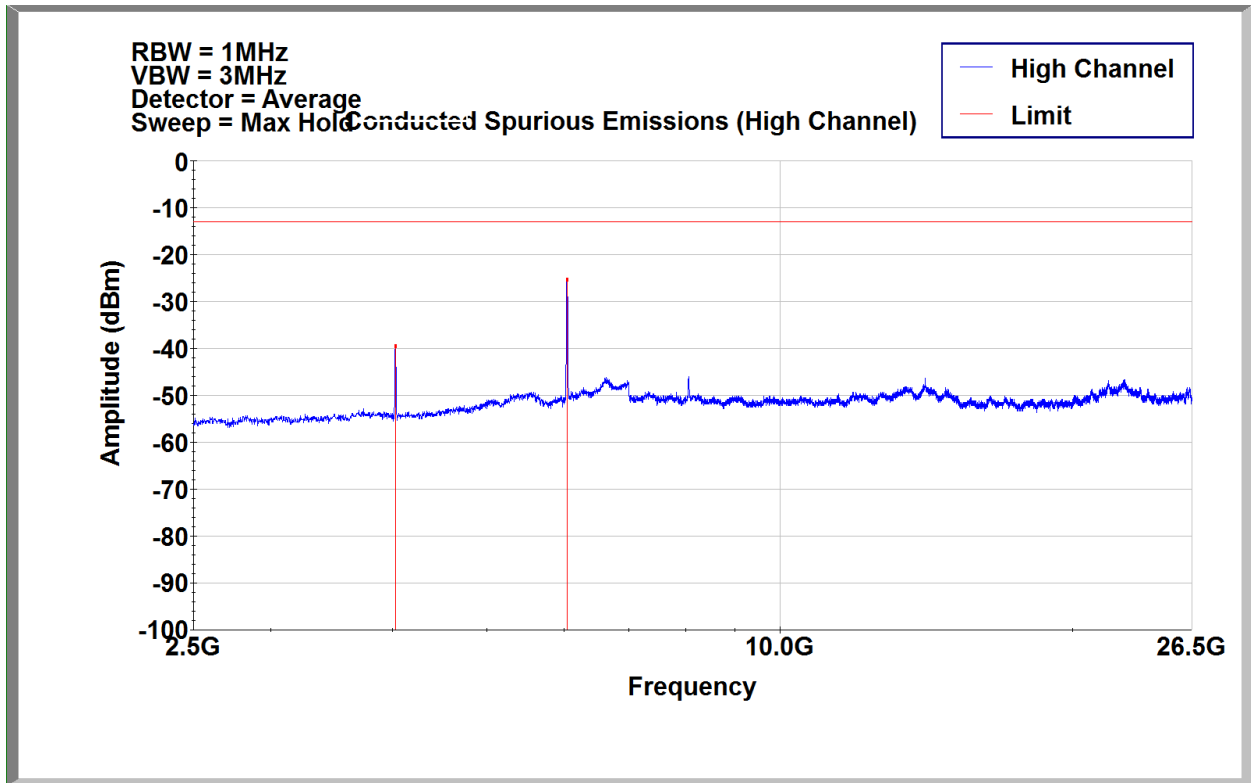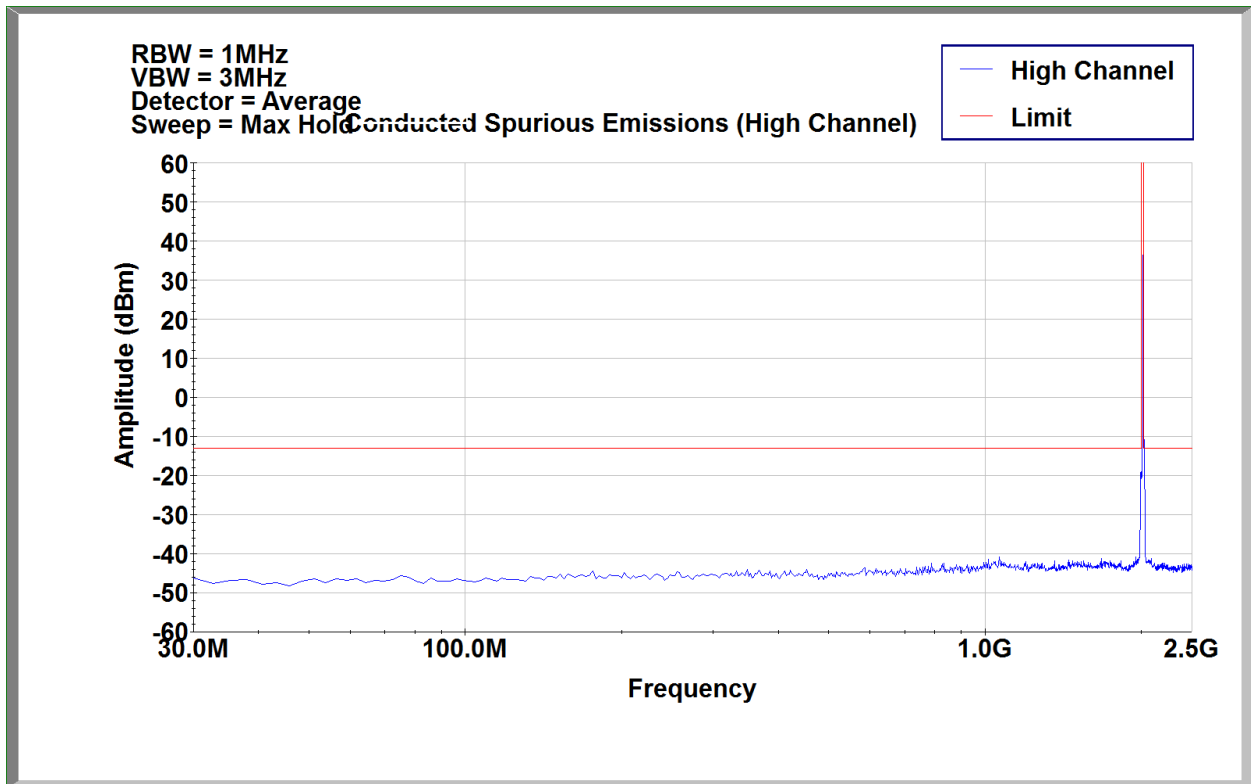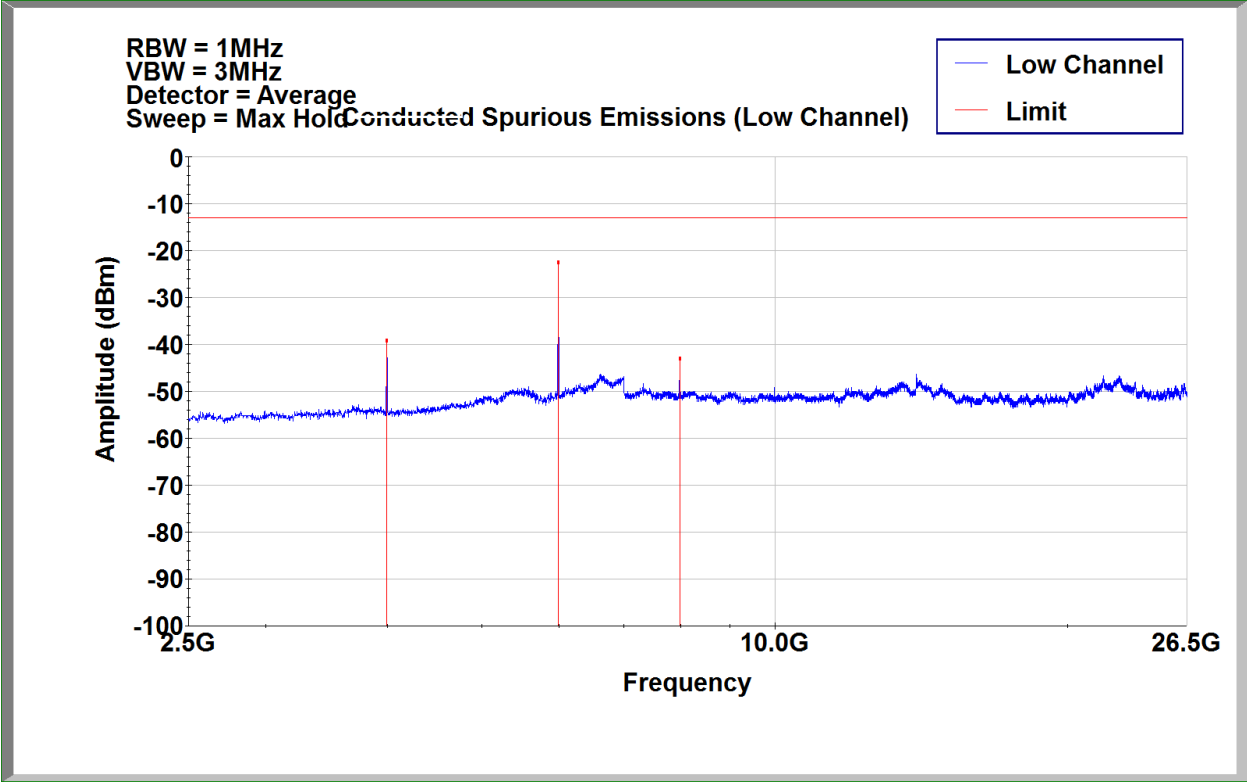Band 66, 10MHz Bandwidth Setting, 256QAM, High Channel, Port A

Band 66, 5MHz Bandwidth Setting, 256QAM, Low Channel, Port A

Band 66, 5MHz Bandwidth Setting, 256QAM, Mid Channel, Port A

Band 66, 5MHz Bandwidth Setting, 256QAM, High Channel, Port A

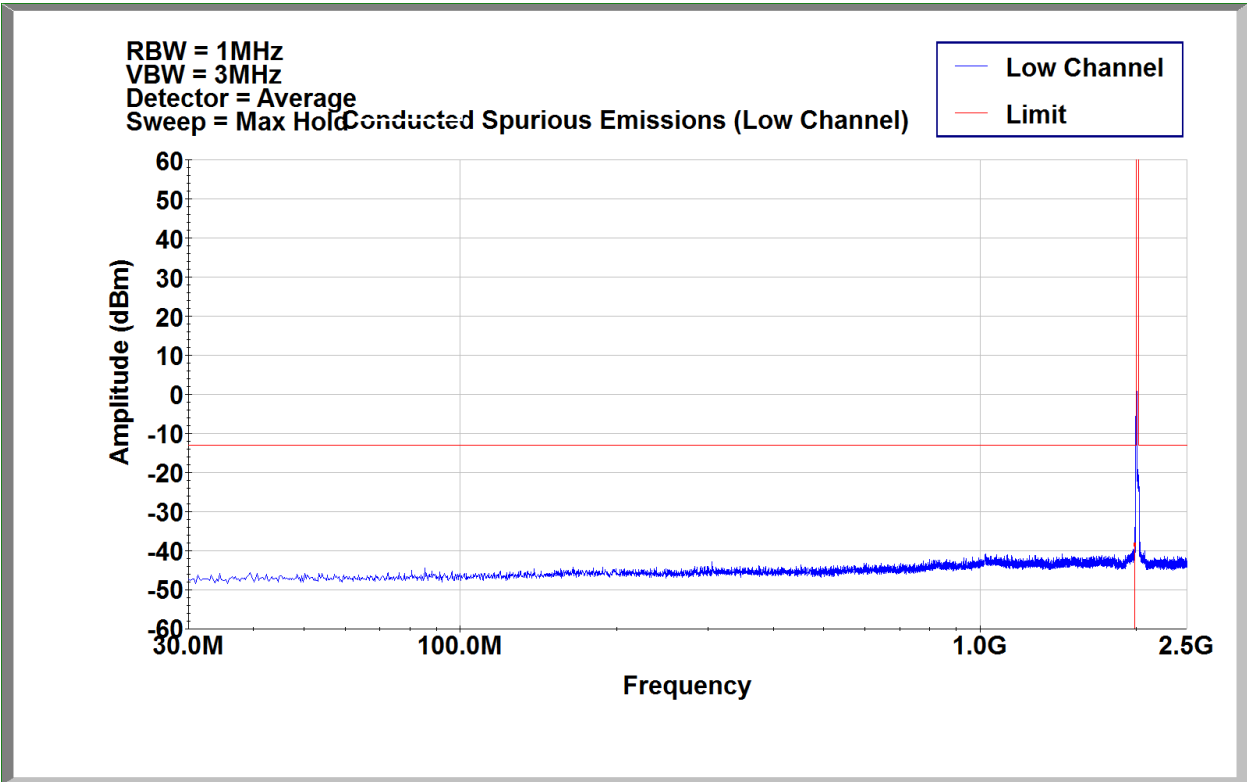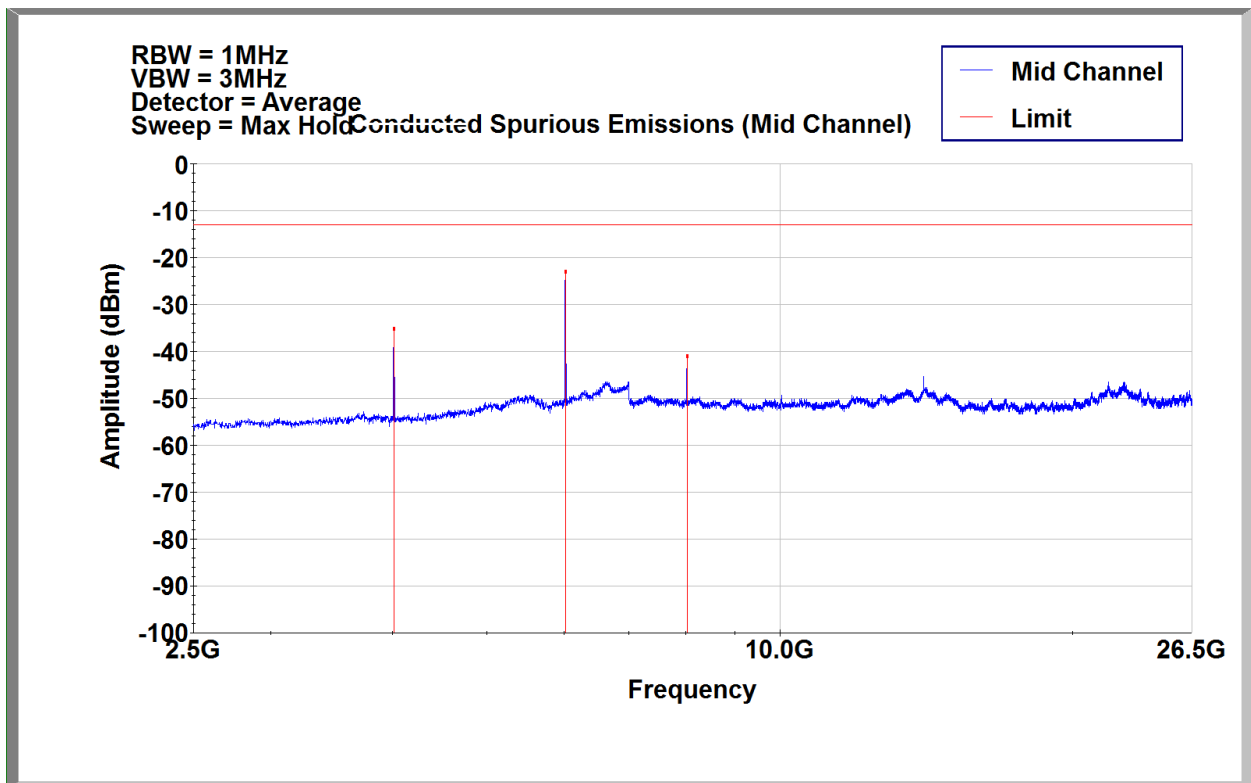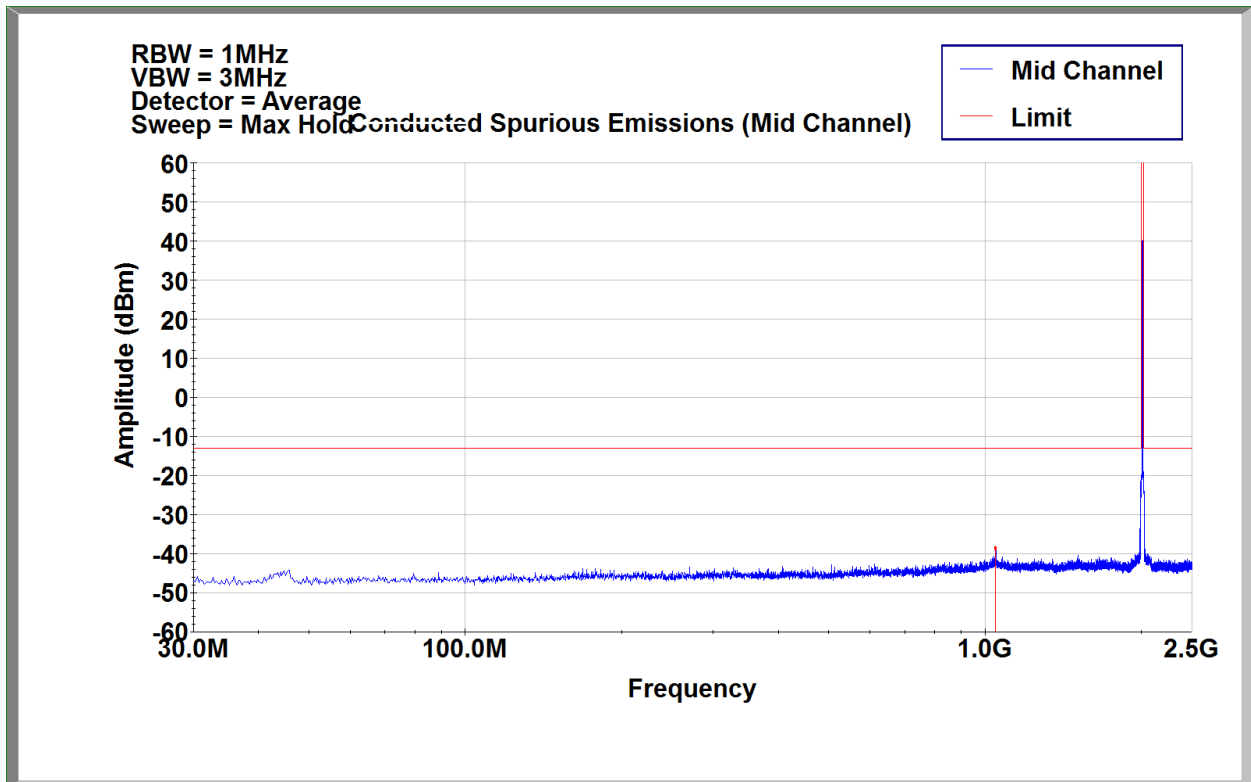Band 70, 20MHz Bandwidth Setting, QPSK, Low Channel, Port A
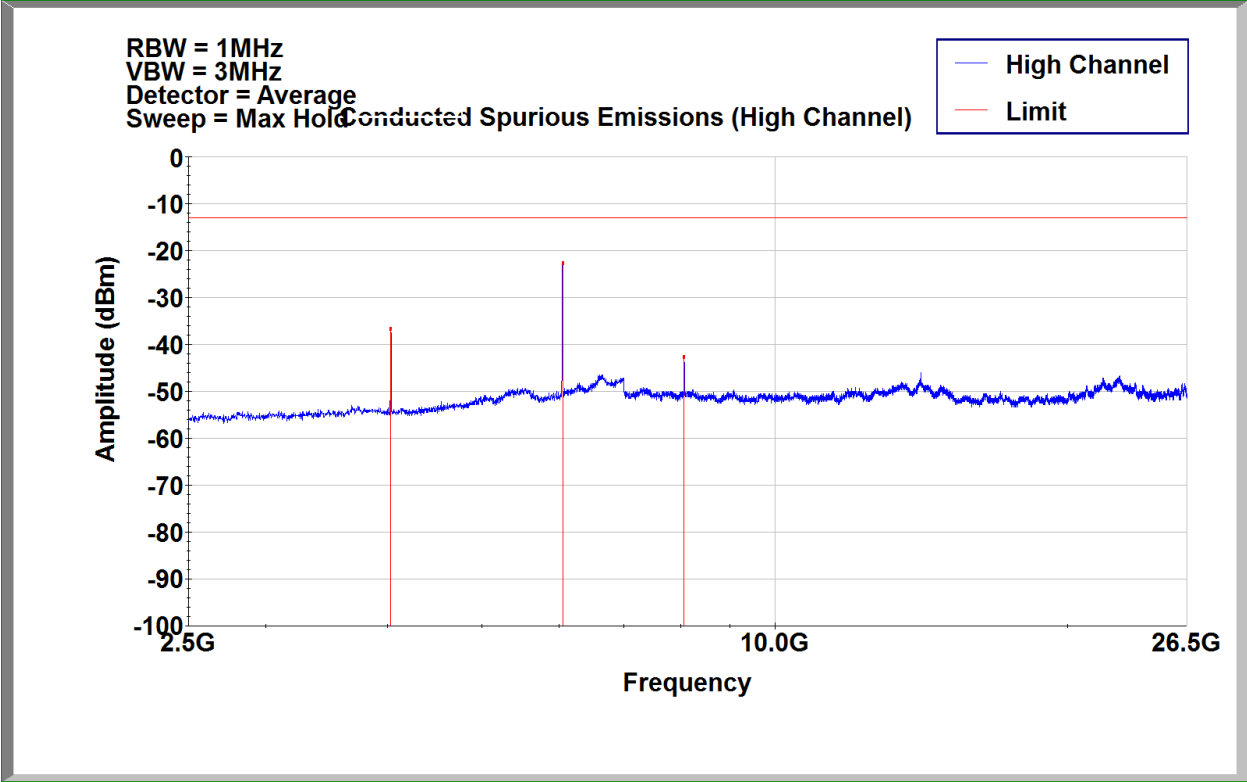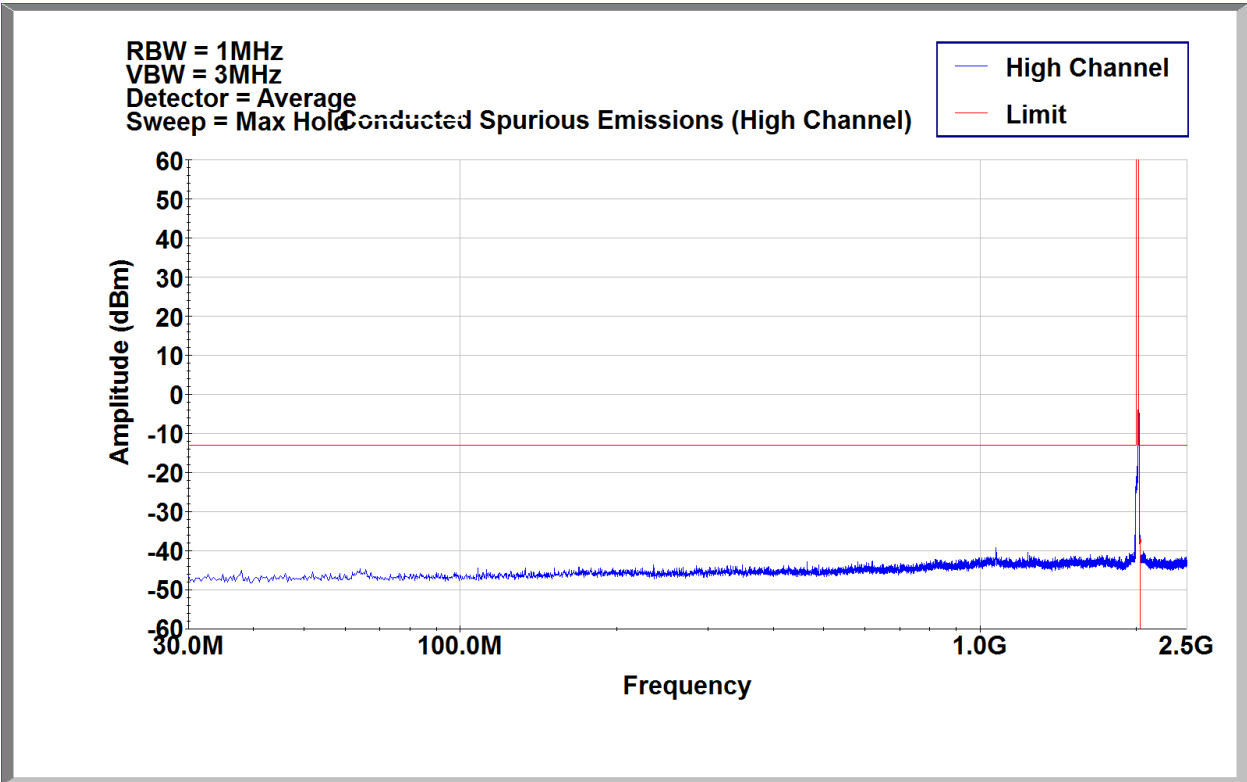
Band 70, 20MHz Bandwidth Setting, QPSK, Mid Channel, Port A

RBW = 1MHz
VBW = 3MHz
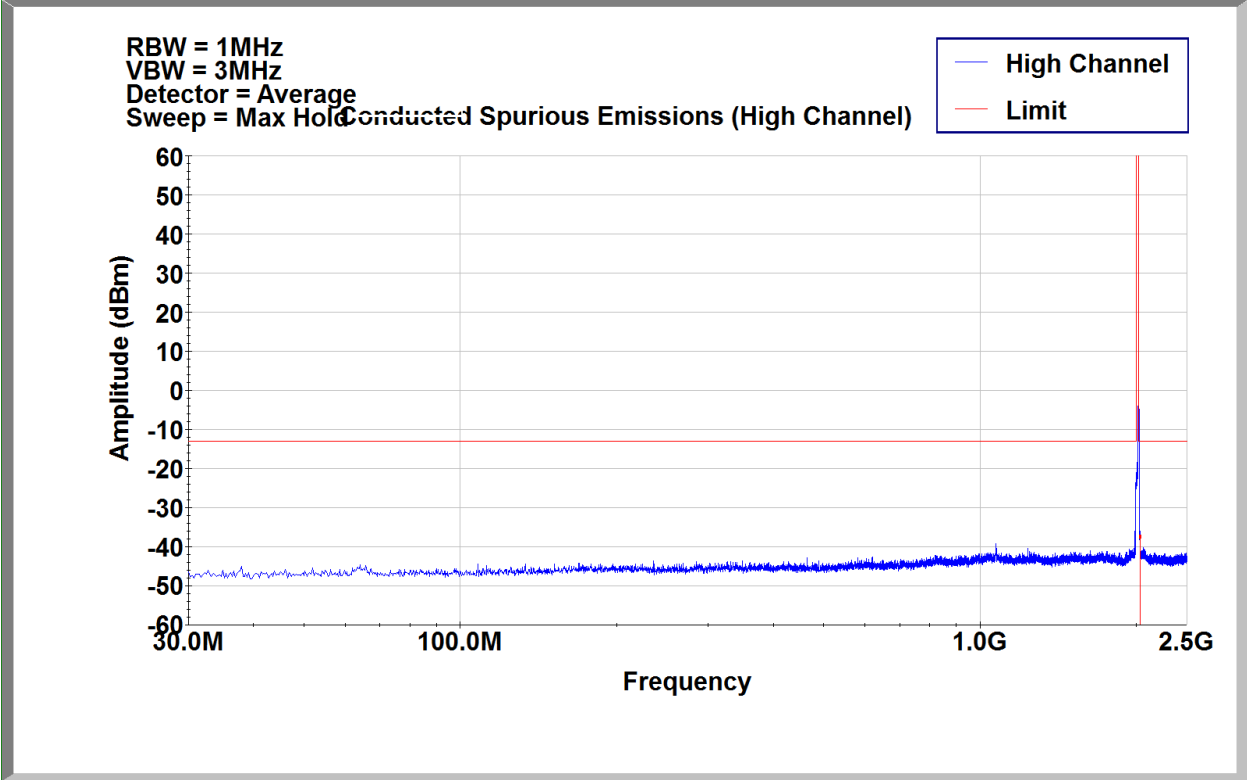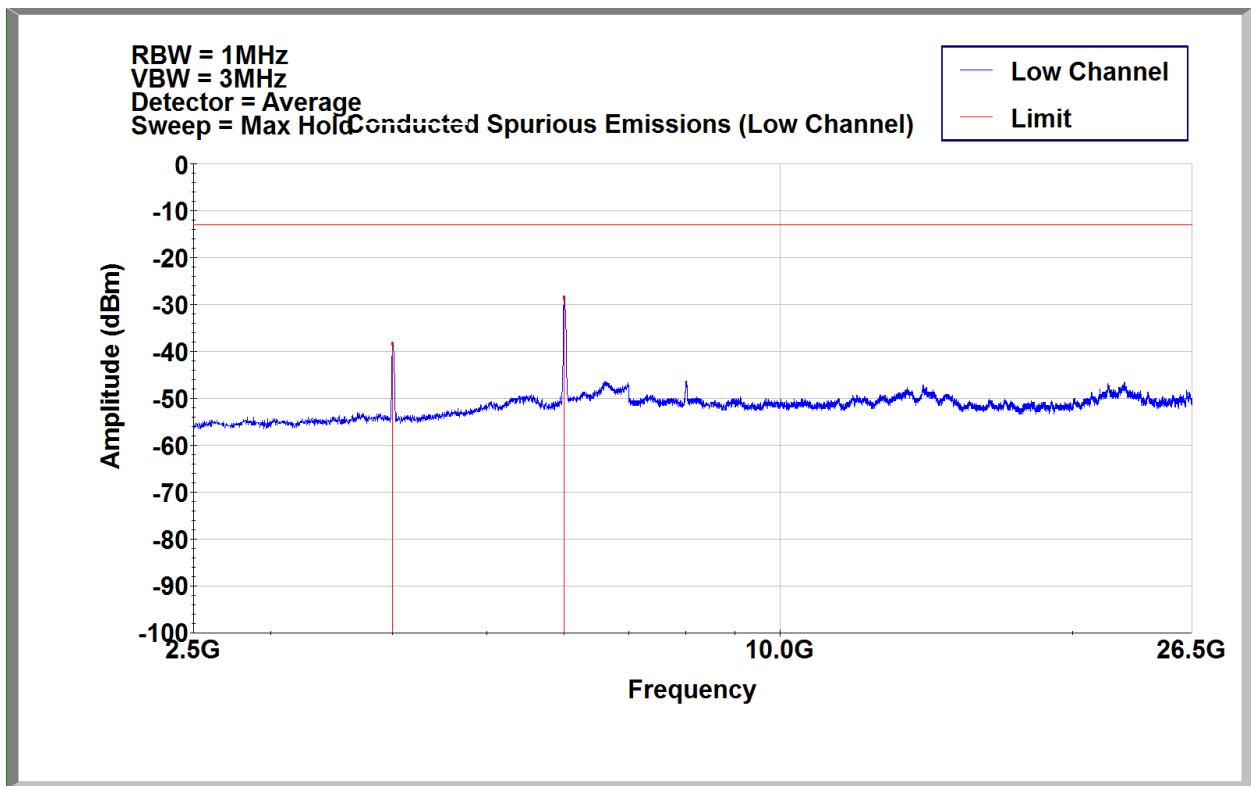Detector = Average
Sweep = Max Hold Conducted Spurious Emissions (High Channel)

High Channel
Limit

Amplitude (dBm)

60
50
40
30
20
10
0
-10
-20
-30
-40
-50
-60

30.0M   100.0M   1.0G   2.5G

Frequency

RBW = 1MHz
VBW = 3MHz
Detector = Average
Sweep = Max Hold Conducted Spurious Emissions (High Channel)

High Channel
Limit

Amplitude (dBm)

0
-10
-20
-30
-40
-50
-60
-70
-80
-90
-100
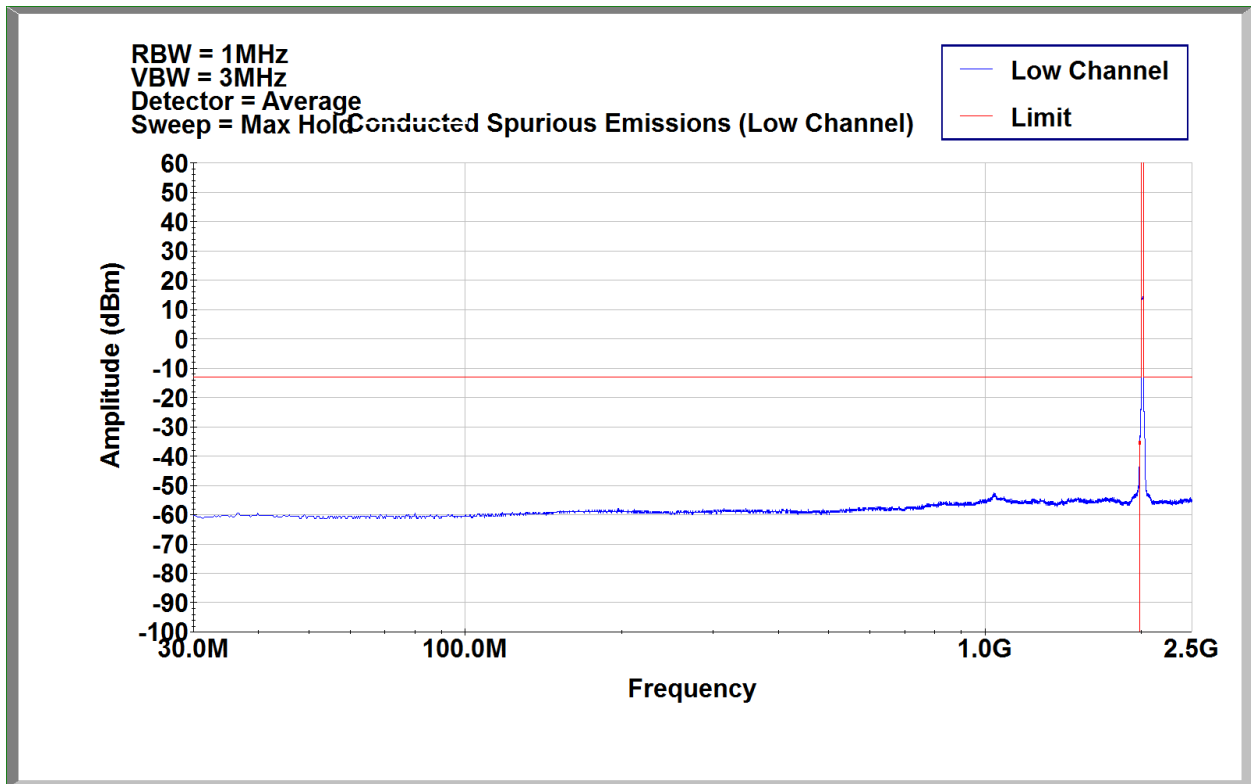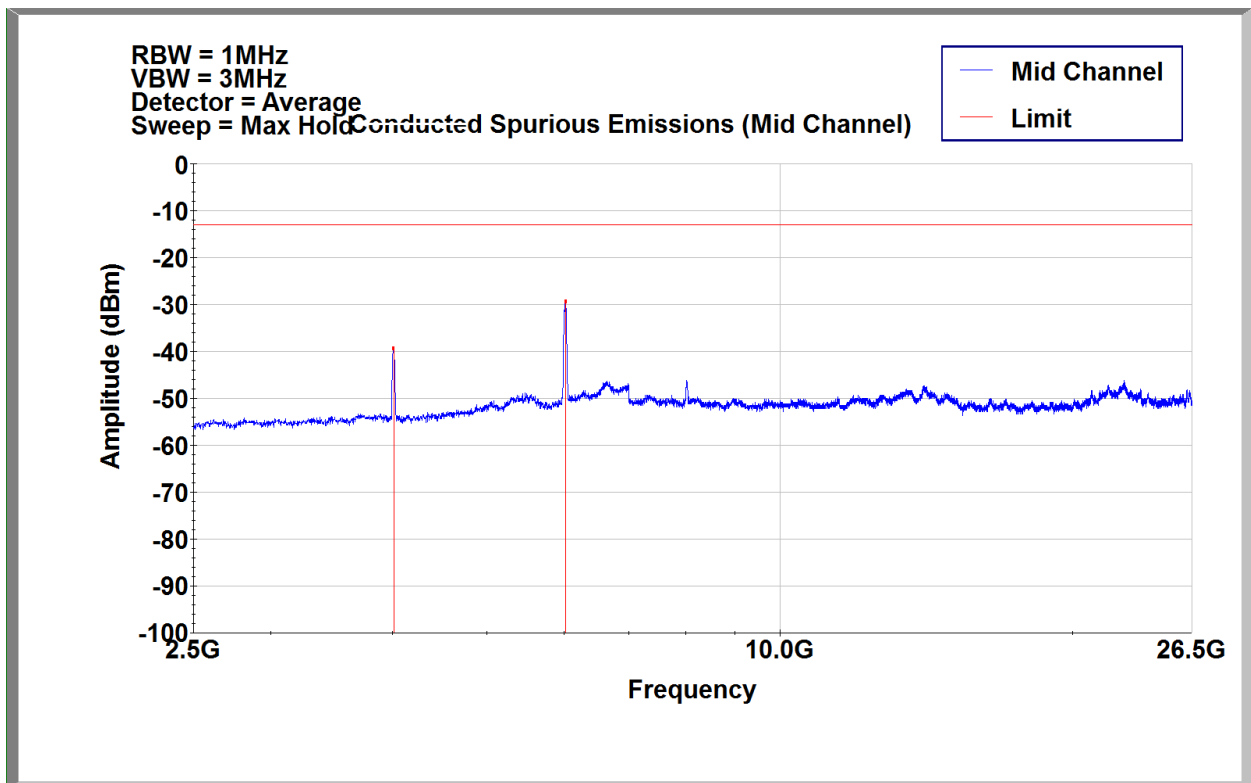
2.5G   10.0G   26.5G

Frequency

Band 70, 20MHz Bandwidth Setting, QPSK, High Channel, Port A
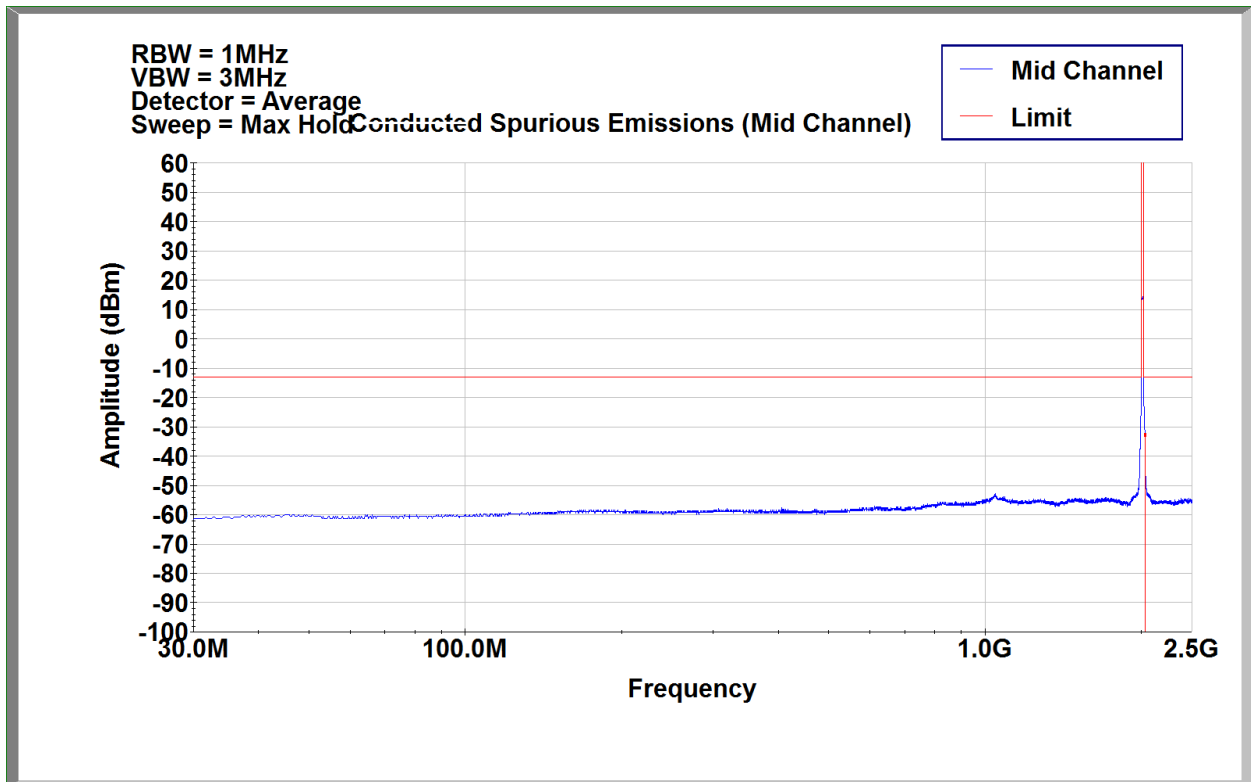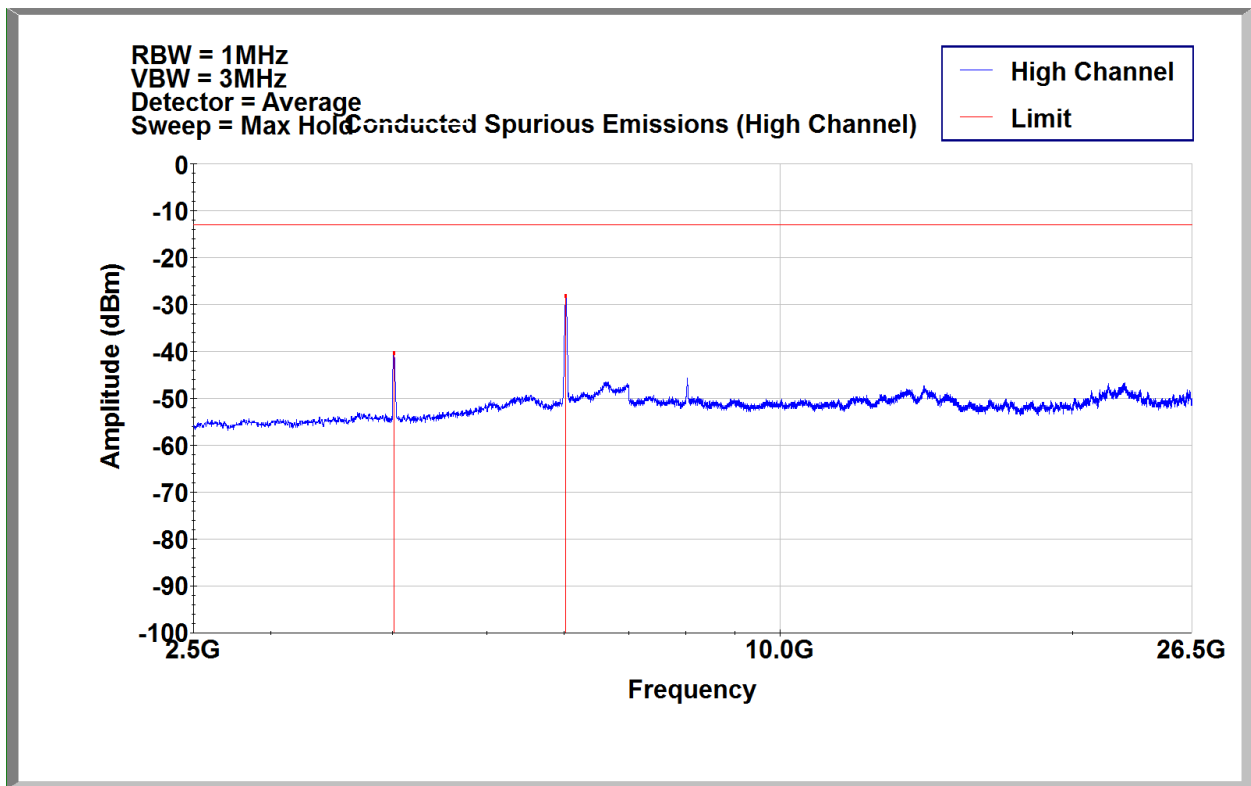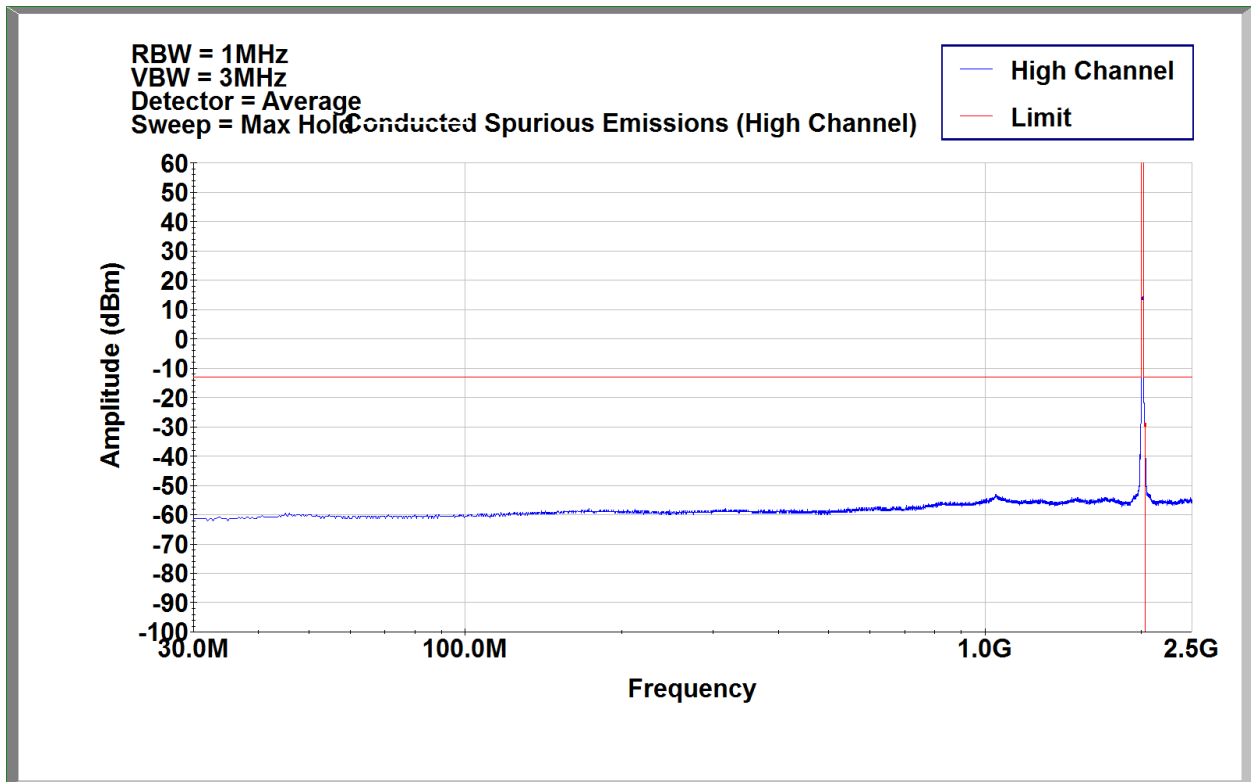
Band 70, 10MHz Bandwidth Setting, QPSK, Low Channel, Port A

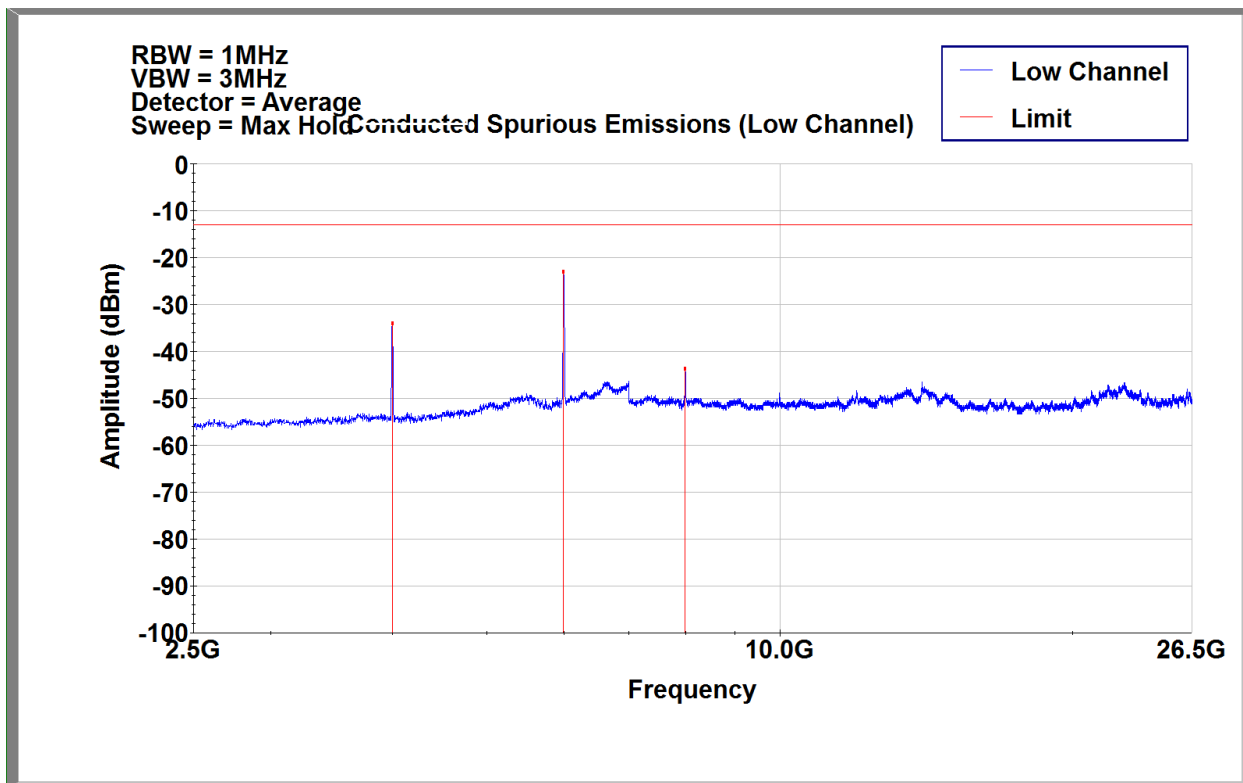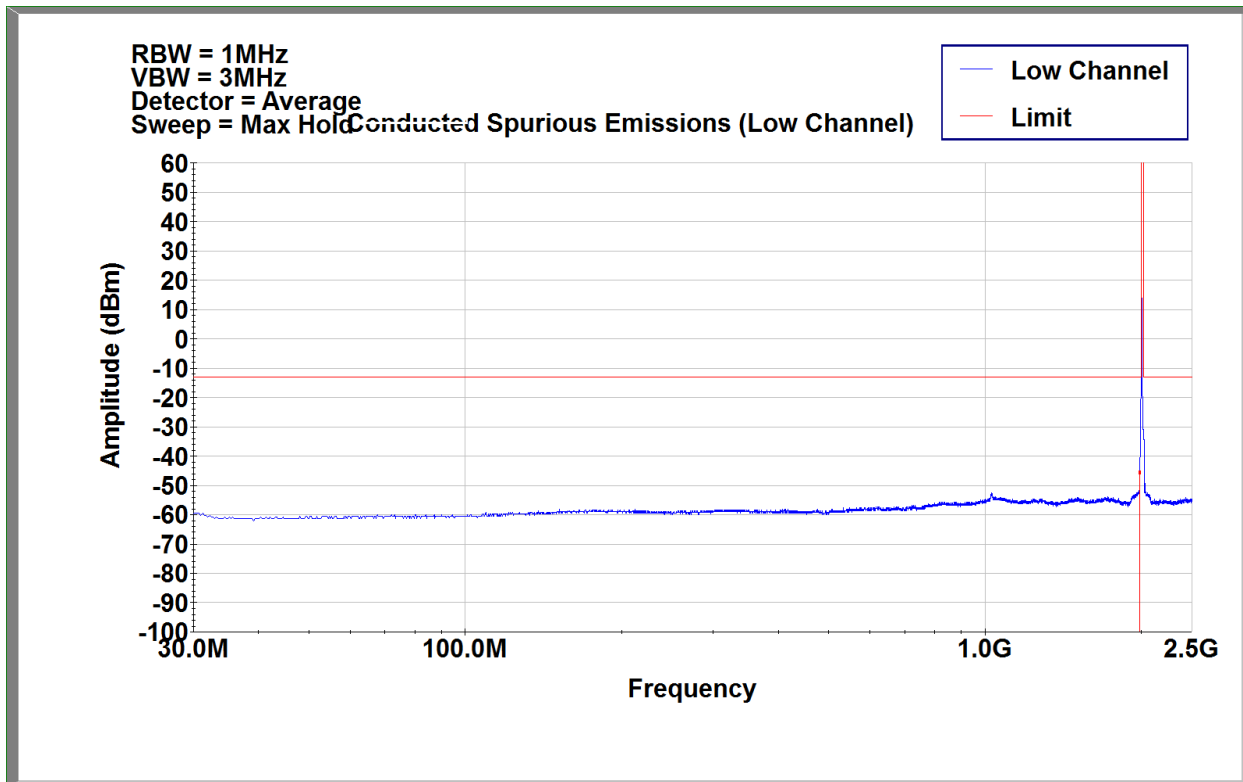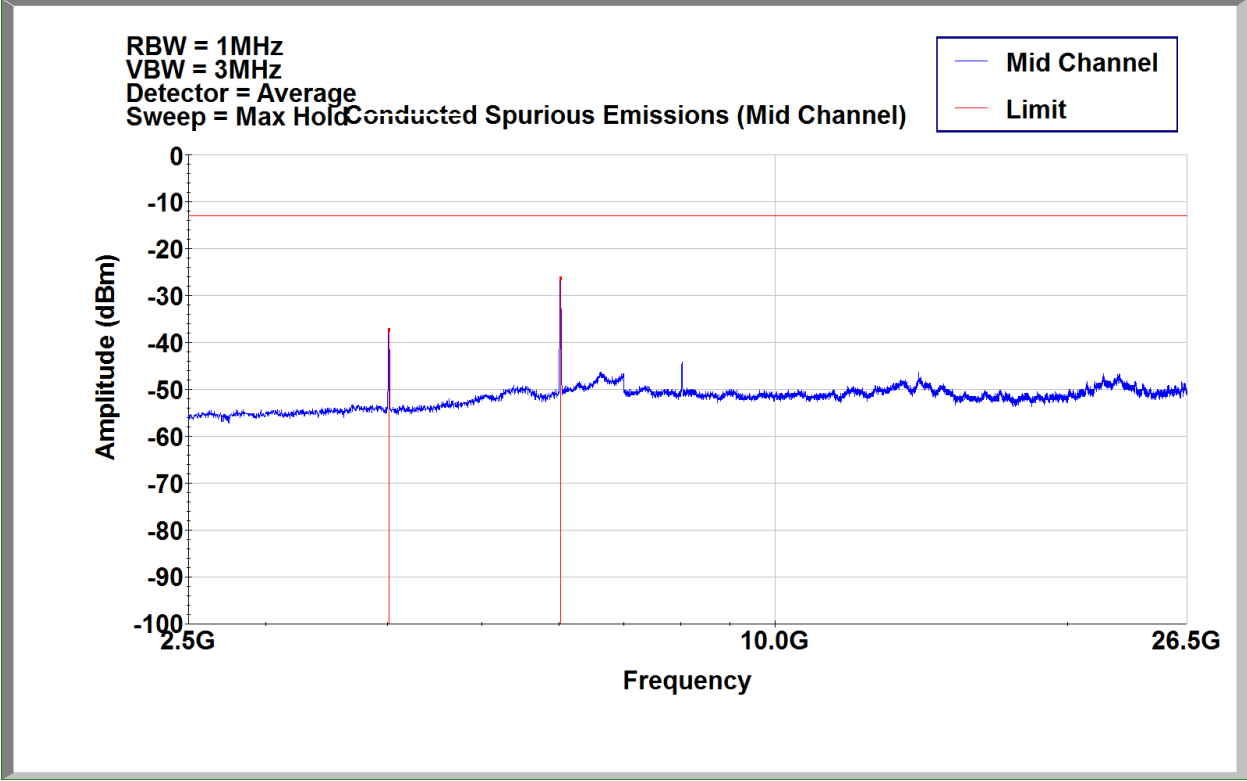Band 70, 10MHz Bandwidth Setting, QPSK, Mid Channel, Port A

RBW = 1MHz
VBW = 3MHz
Detector = Average
Sweep = Max Hold Conducted Spurious Emissions (High Channel)

High Channel
Limit

RBW = 1MHz
VBW = 3MHz
Detector = Average
Sweep = Max Hold Conducted Spurious Emissions (High Channel)

High Channel
Limit

Band 70, 10MHz Bandwidth Setting, QPSK, High Channel, Port A

Band 70, 5MHz Bandwidth Setting, QPSK, Band, Port A

Band 70, 5MHz Bandwidth Setting, QPSK, Low Channel, Port A

Band 70, 5MHz Bandwidth Setting, QPSK, Mid Channel, Port A

Band 70, 5MHz Bandwidth Setting, QPSK, High Channel, Port A

Band 70, 20MHz Bandwidth Setting, 16QAM, Low Channel, Port A
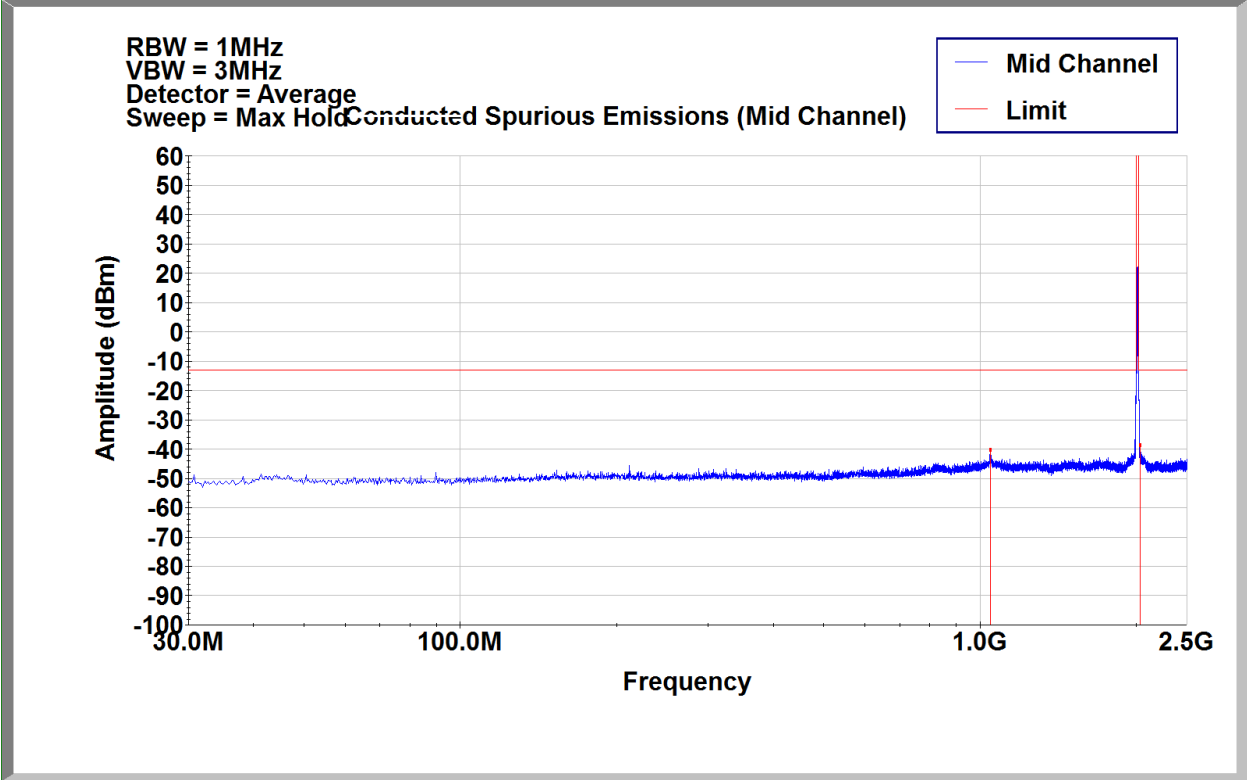
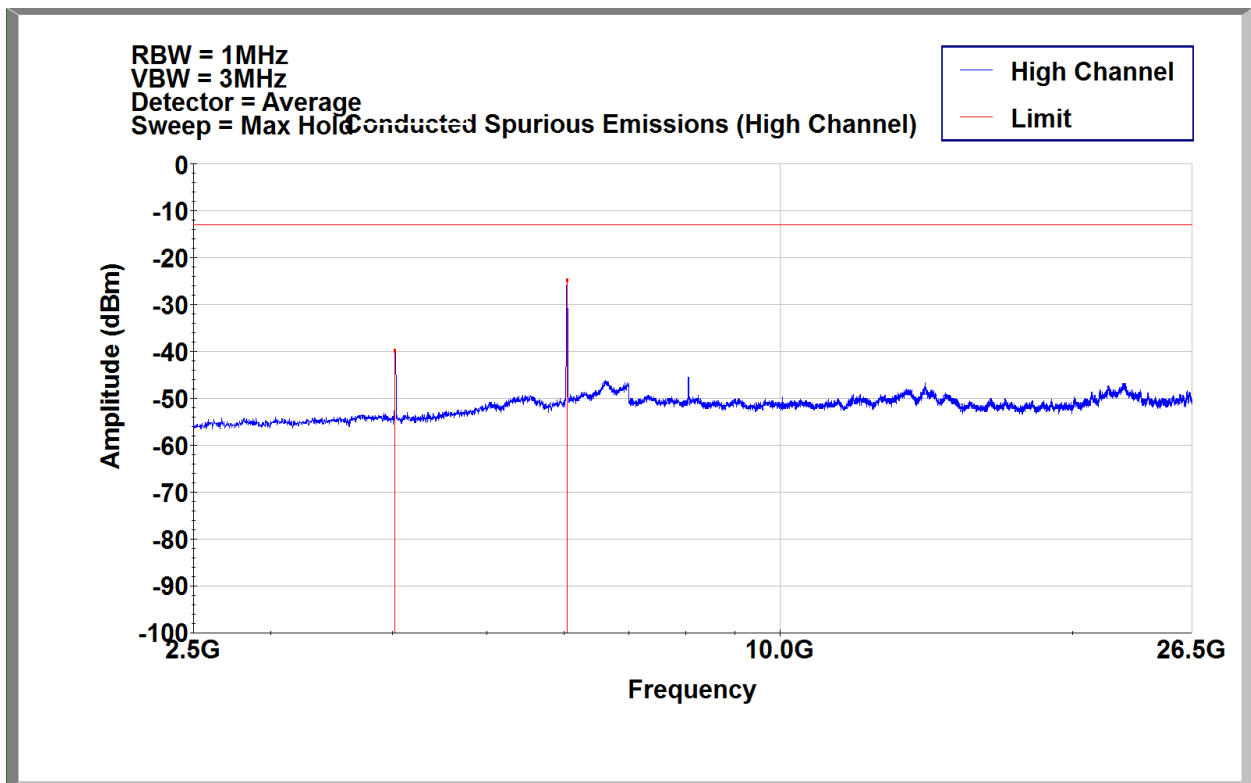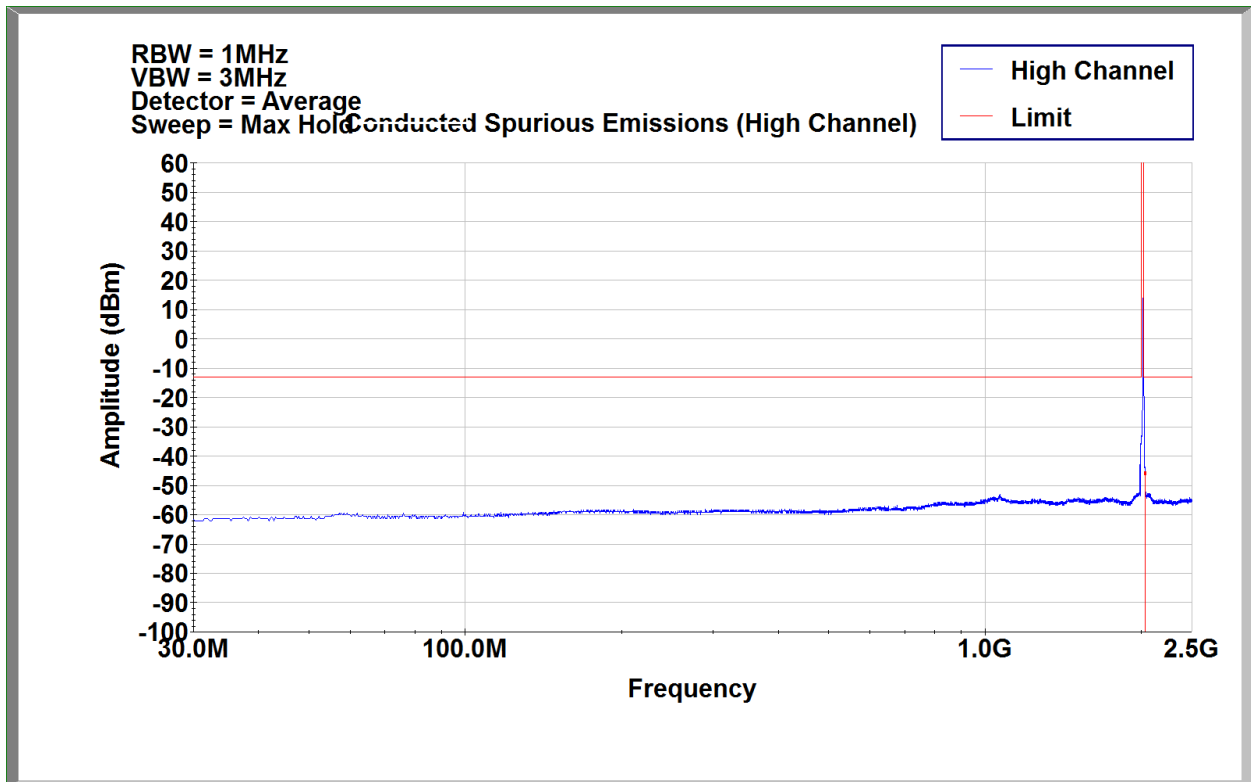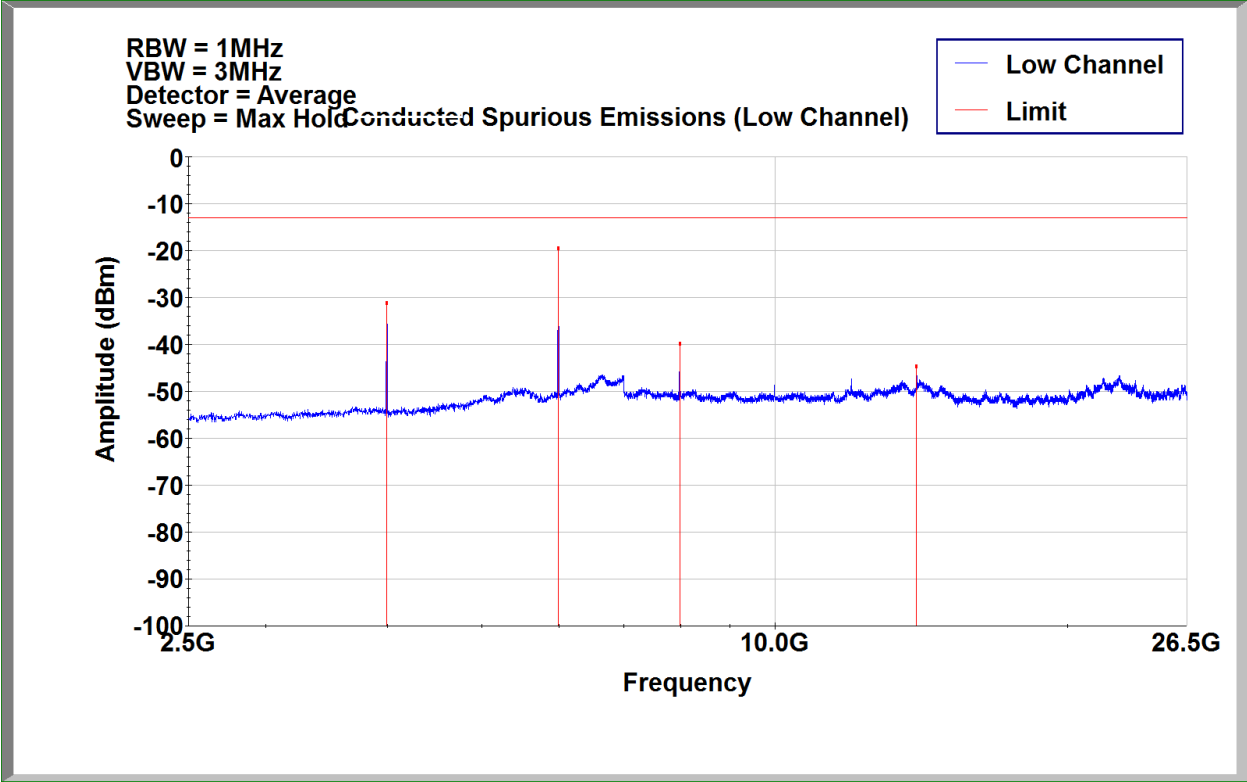Band 70, 20MHz Bandwidth Setting, 16QAM, Mid Channel, Port A
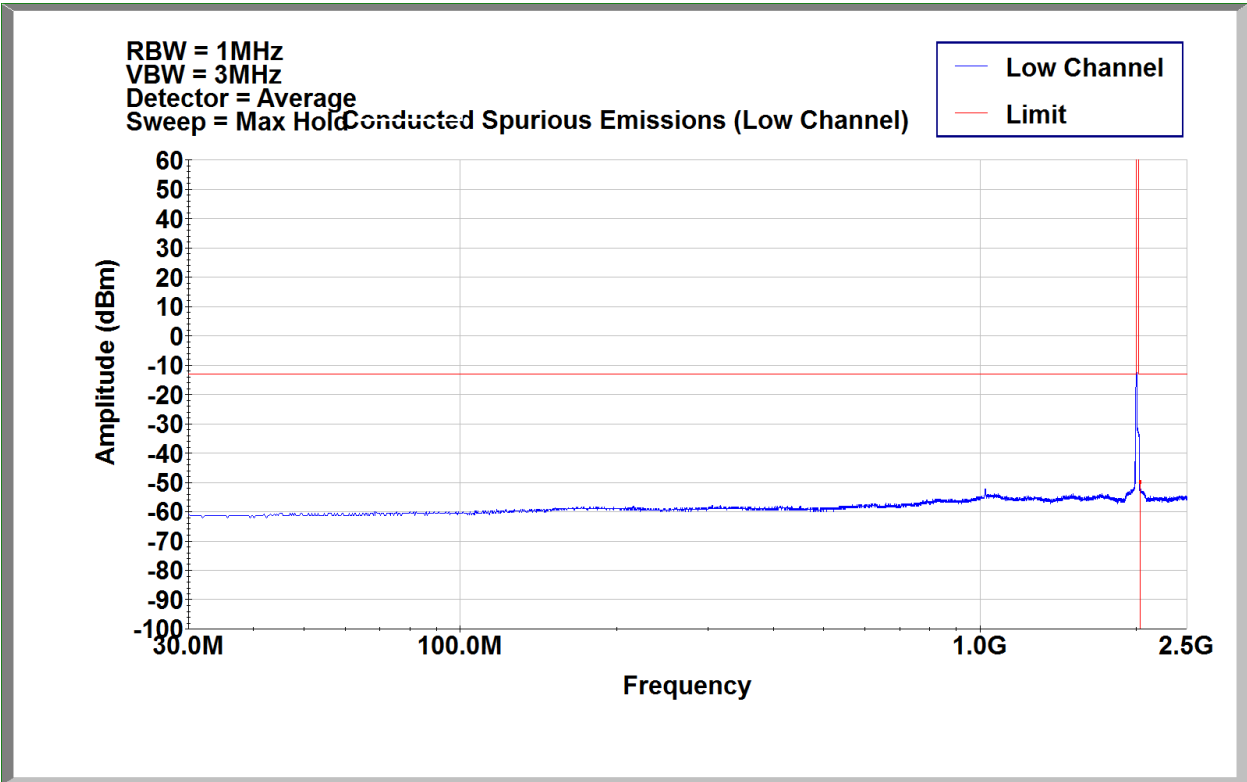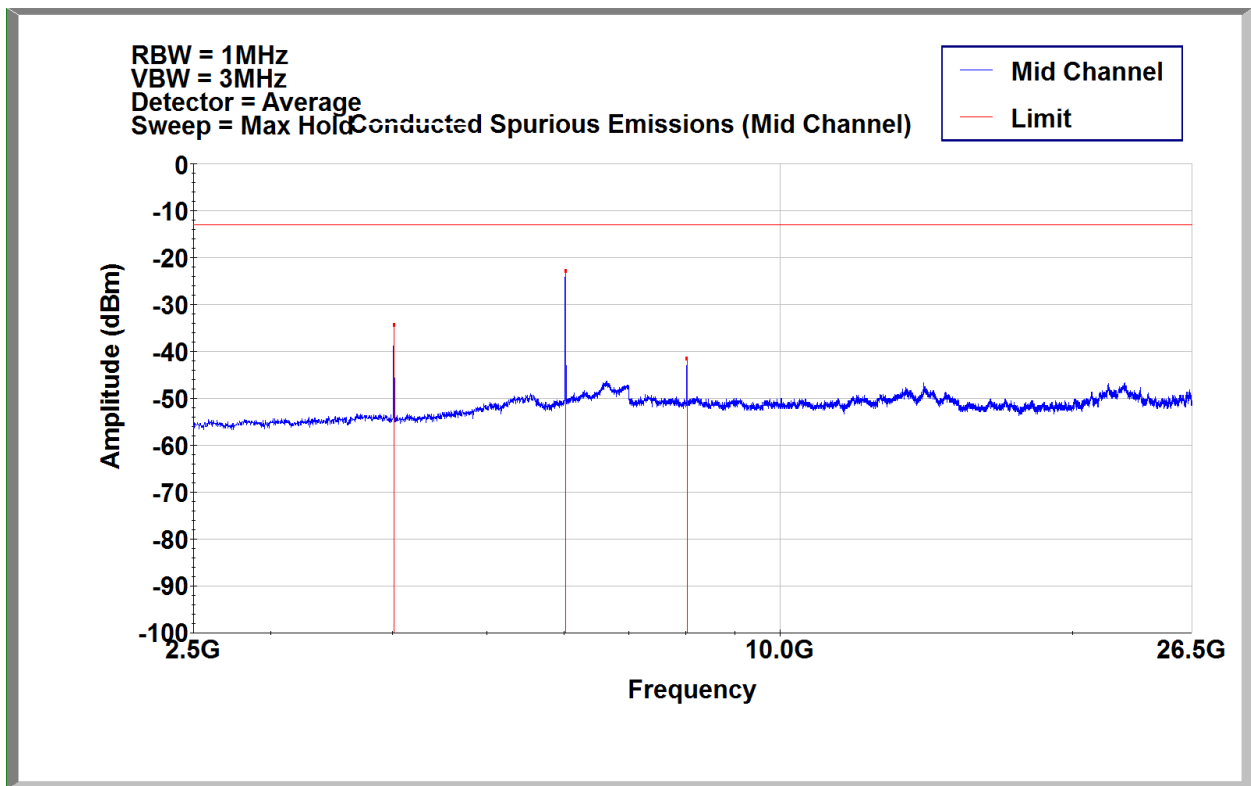
Band 70, 20MHz Bandwidth Setting, 16QAM, High Channel, Port A
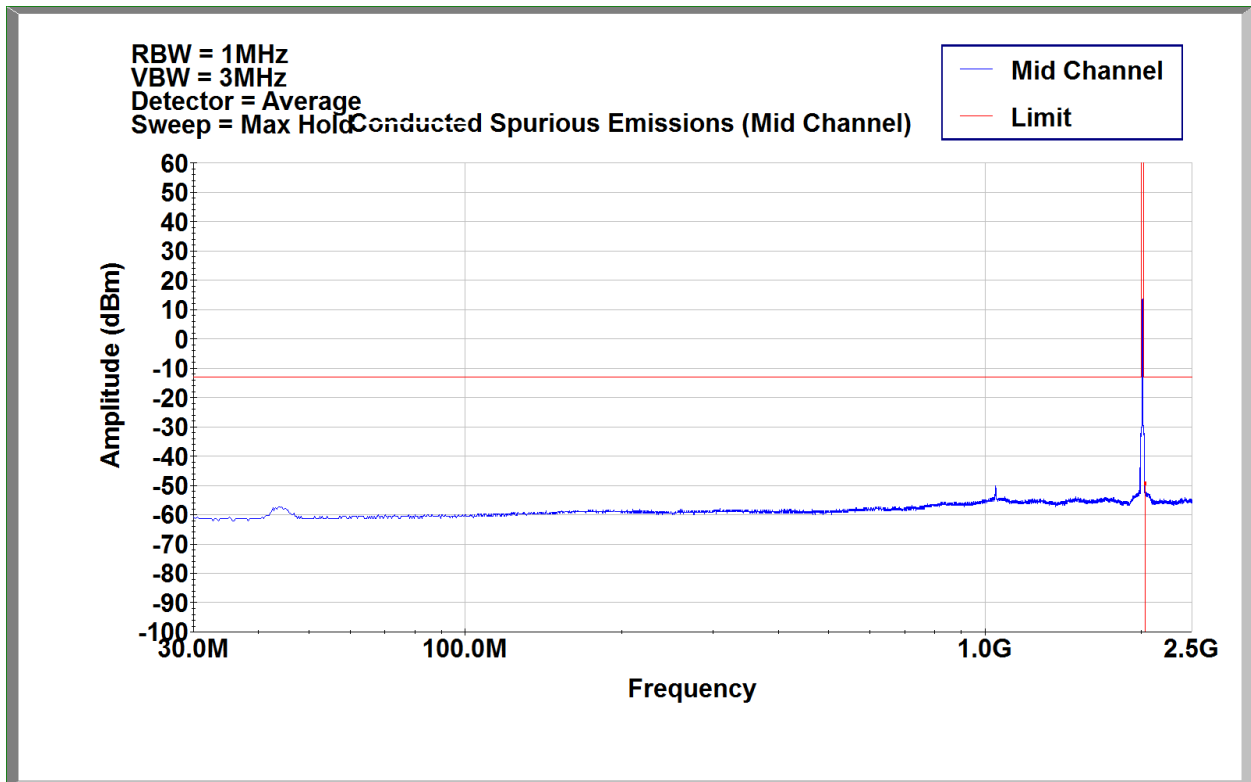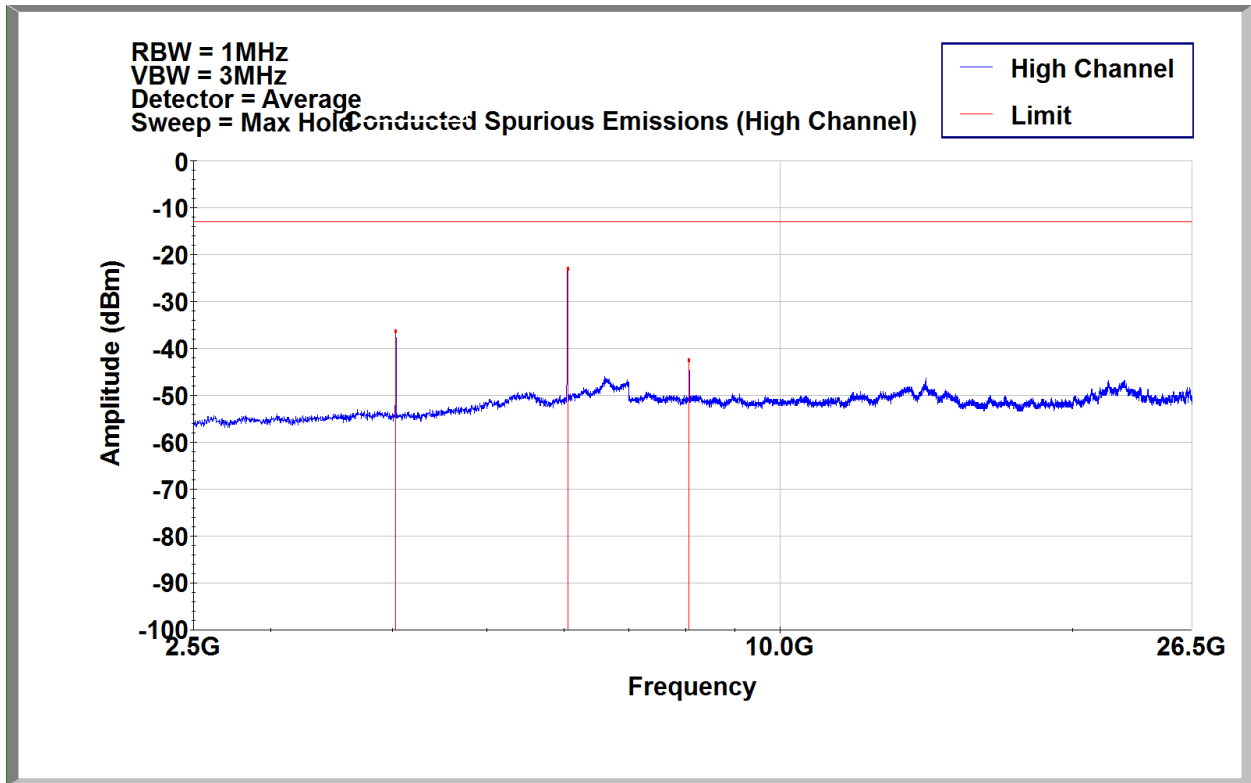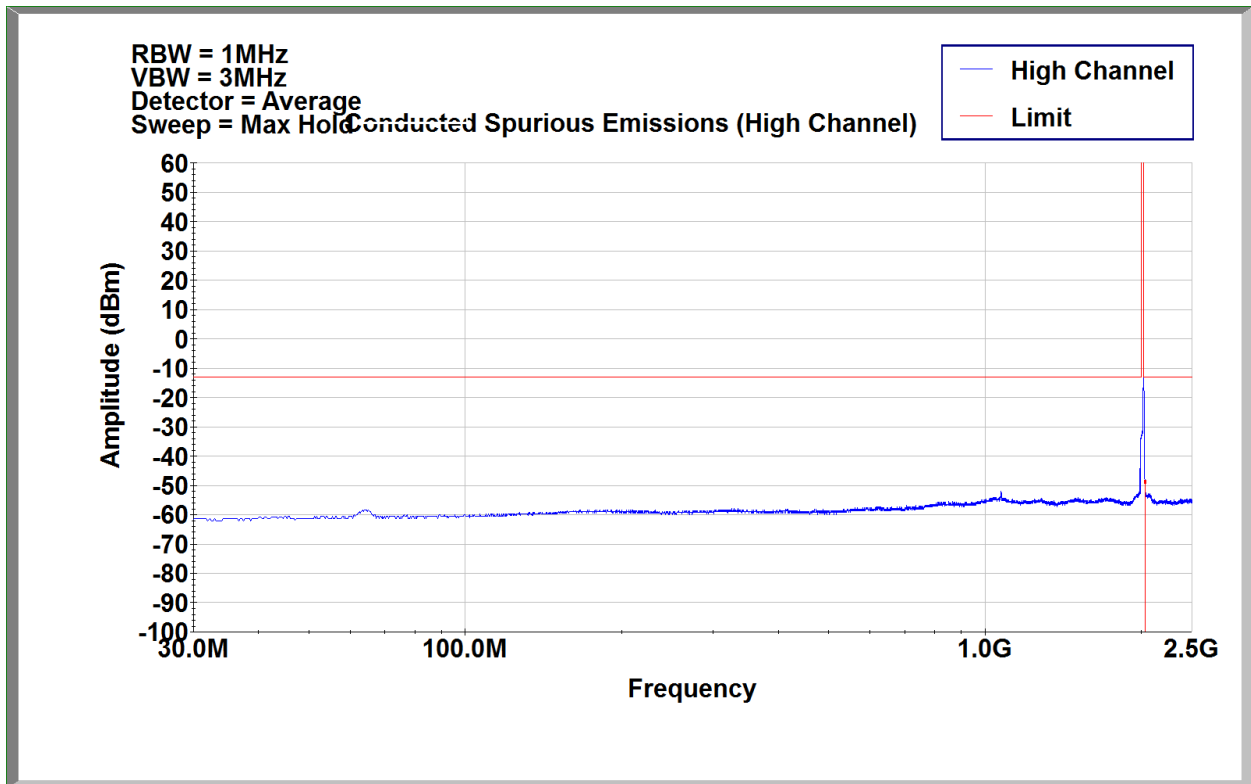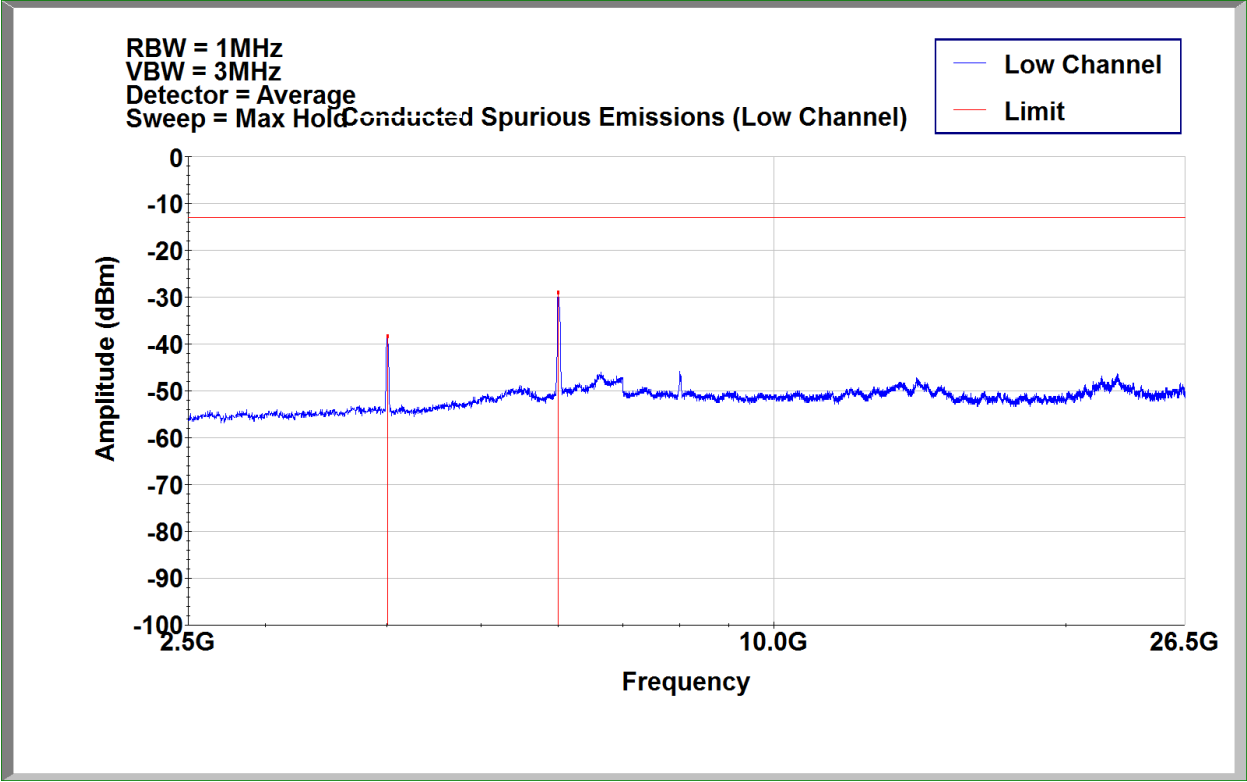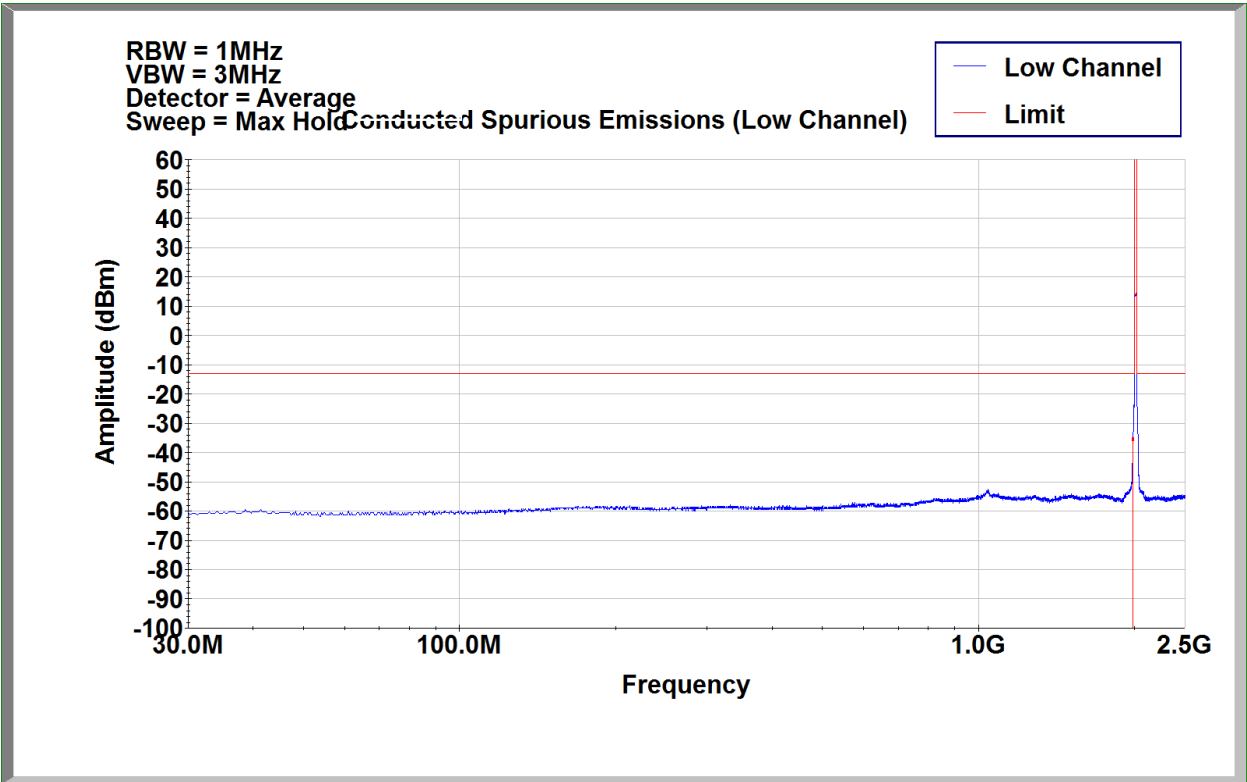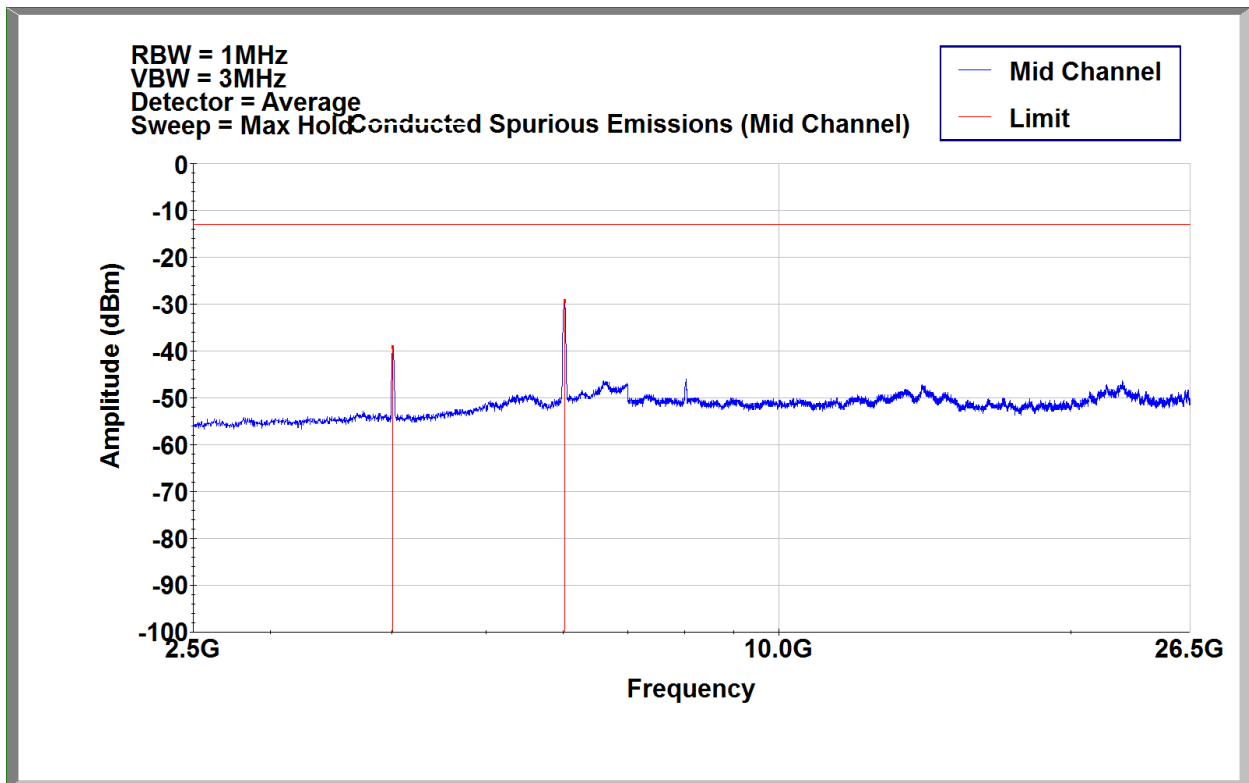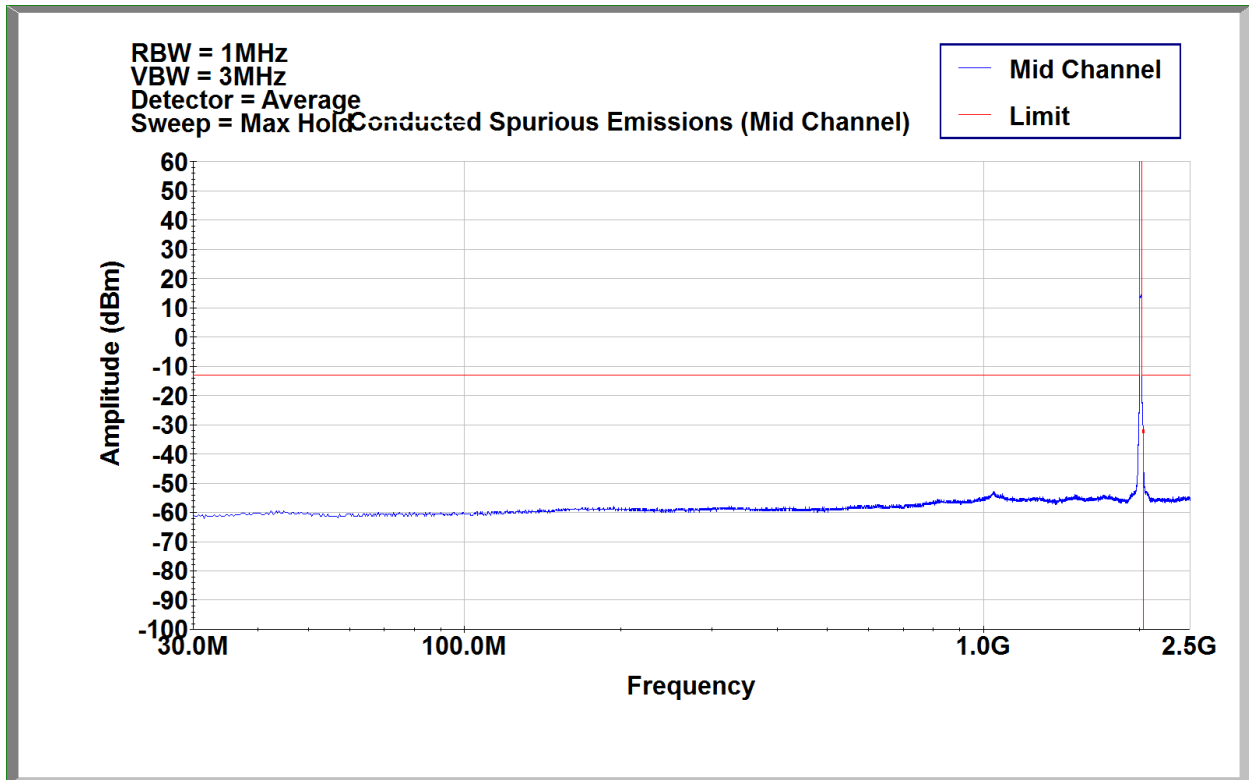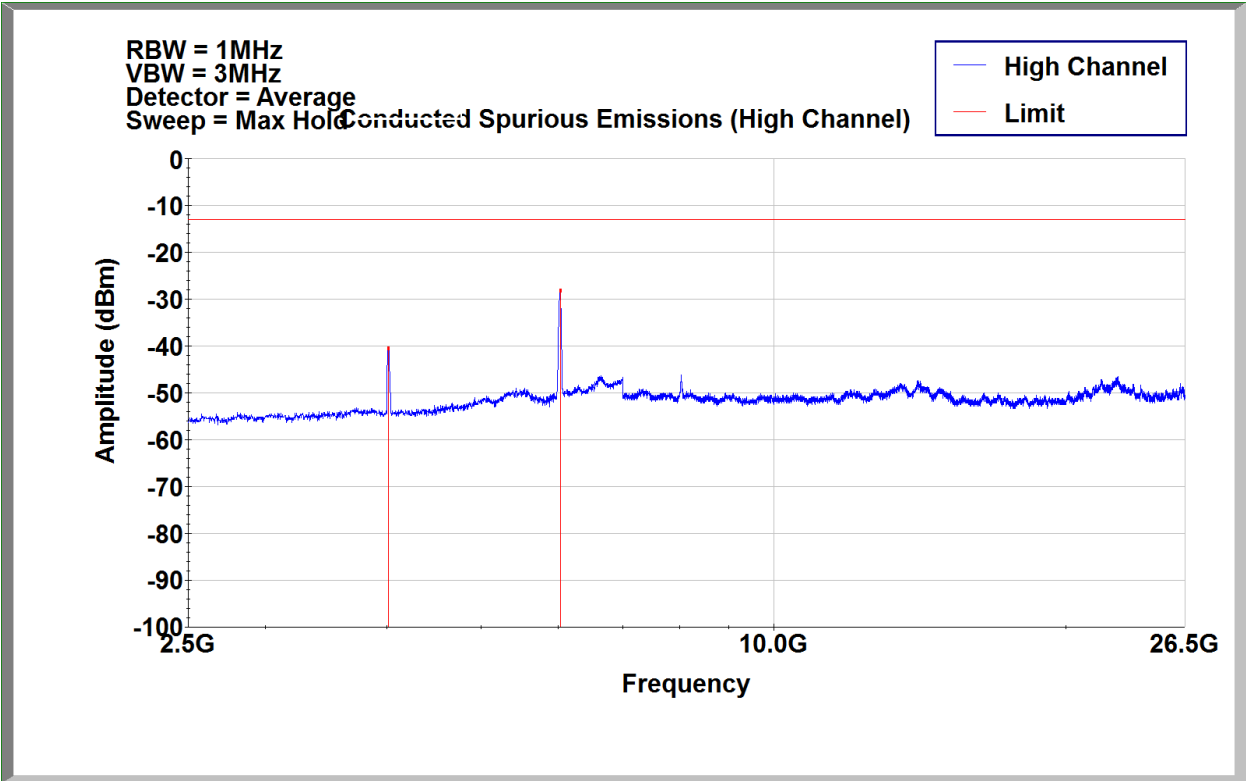
Band 70, 10MHz Bandwidth Setting, 16QAM, Low Channel, Port A

Chart 1

RBW = 1MHz
VBW = 3MHz
Detector = Average
Sweep = Max Hold Conducted Spurious Emissions (Mid Channel)

Legend: Mid Channel, Limit

Y-axis: Amplitude (dBm), from -100 to 60
X-axis: Frequency, from 30.0M to 2.5G (100.0M, 1.0G marked)

Chart 2

RBW = 1MHz
VBW = 3MHz
Detector = Average
Sweep = Max Hold Conducted Spurious Emissions (Mid Channel)

Legend: Mid Channel, Limit

Y-axis: Amplitude (dBm), from -100 to 0
X-axis: Frequency, from 2.5G to 26.5G (10.0G marked)

Band 70, 10MHz Bandwidth Setting, 16QAM, Mid Channel, Port A
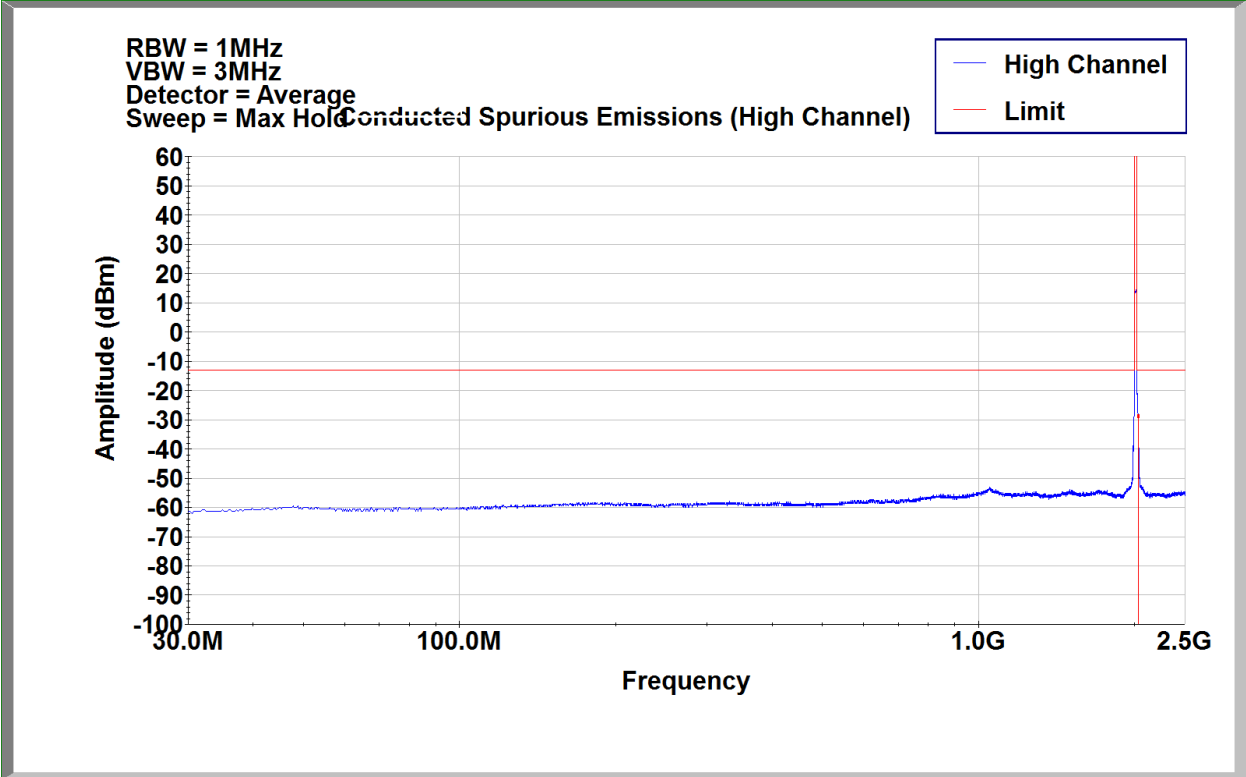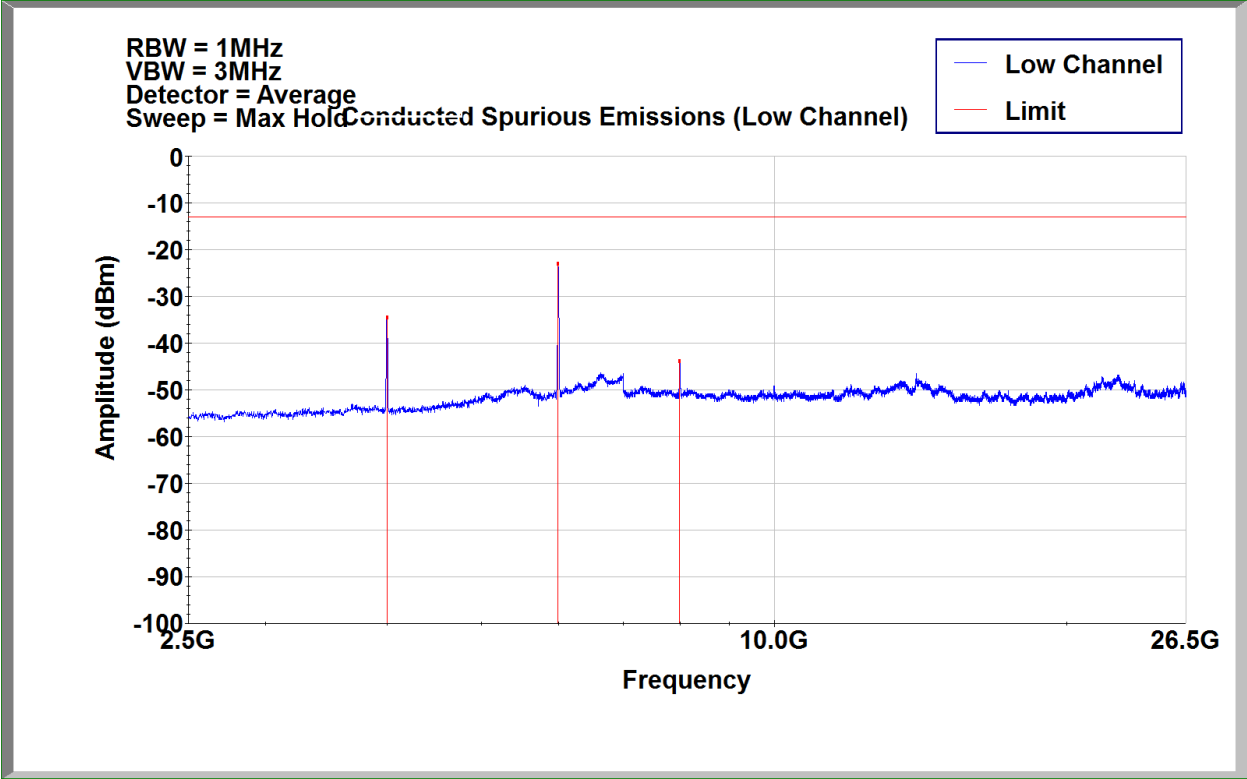
Band 70, 10MHz Bandwidth Setting, 16QAM, High Channel, Port A
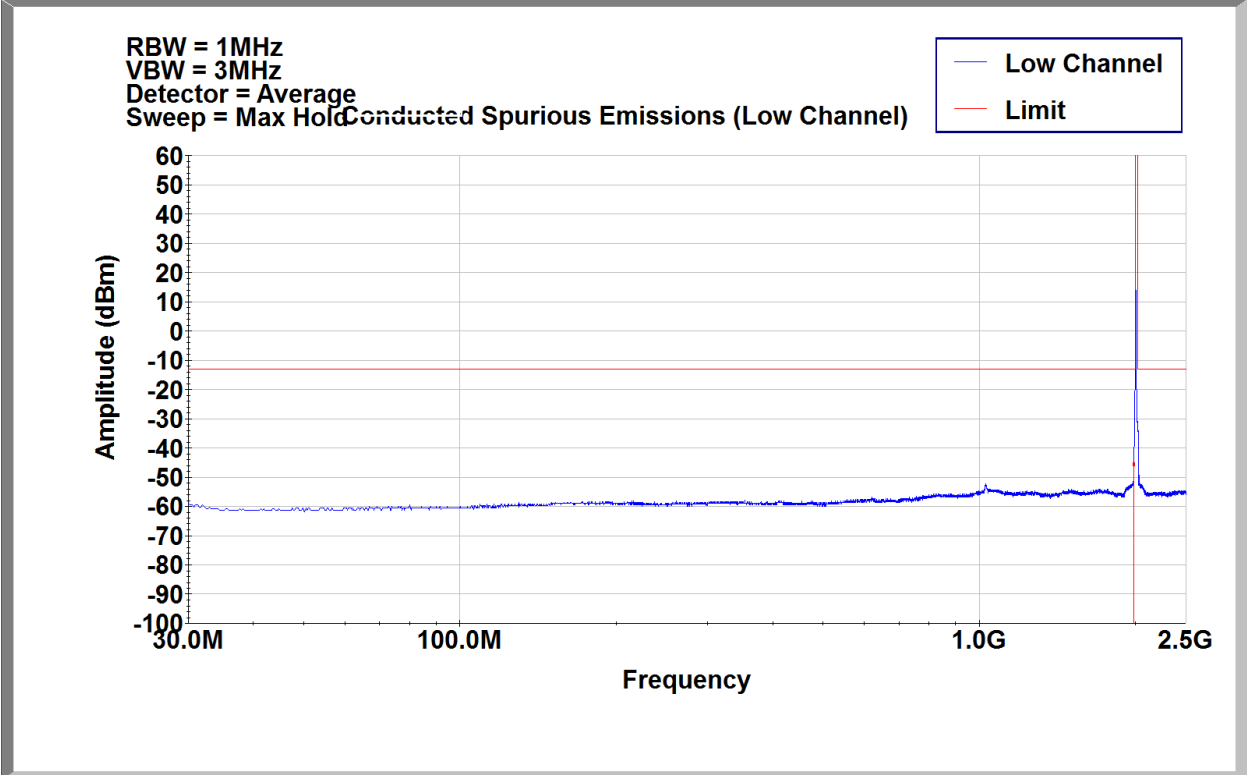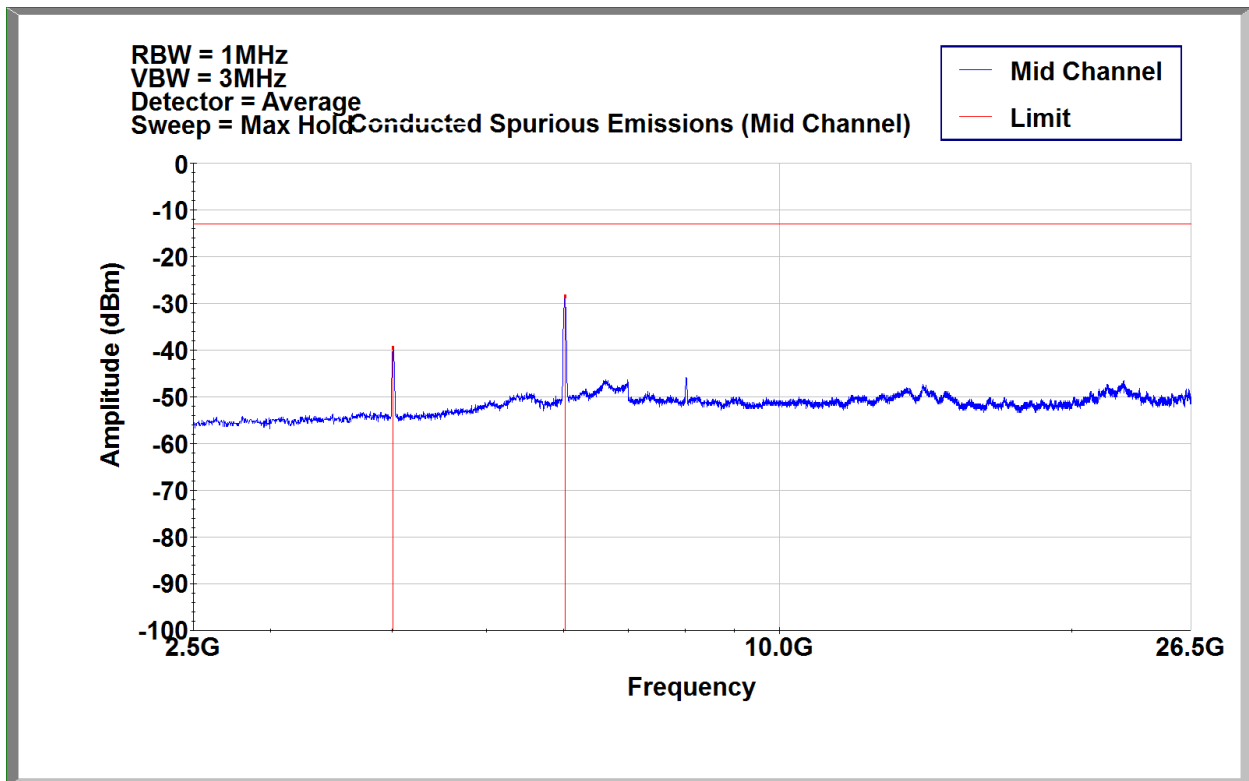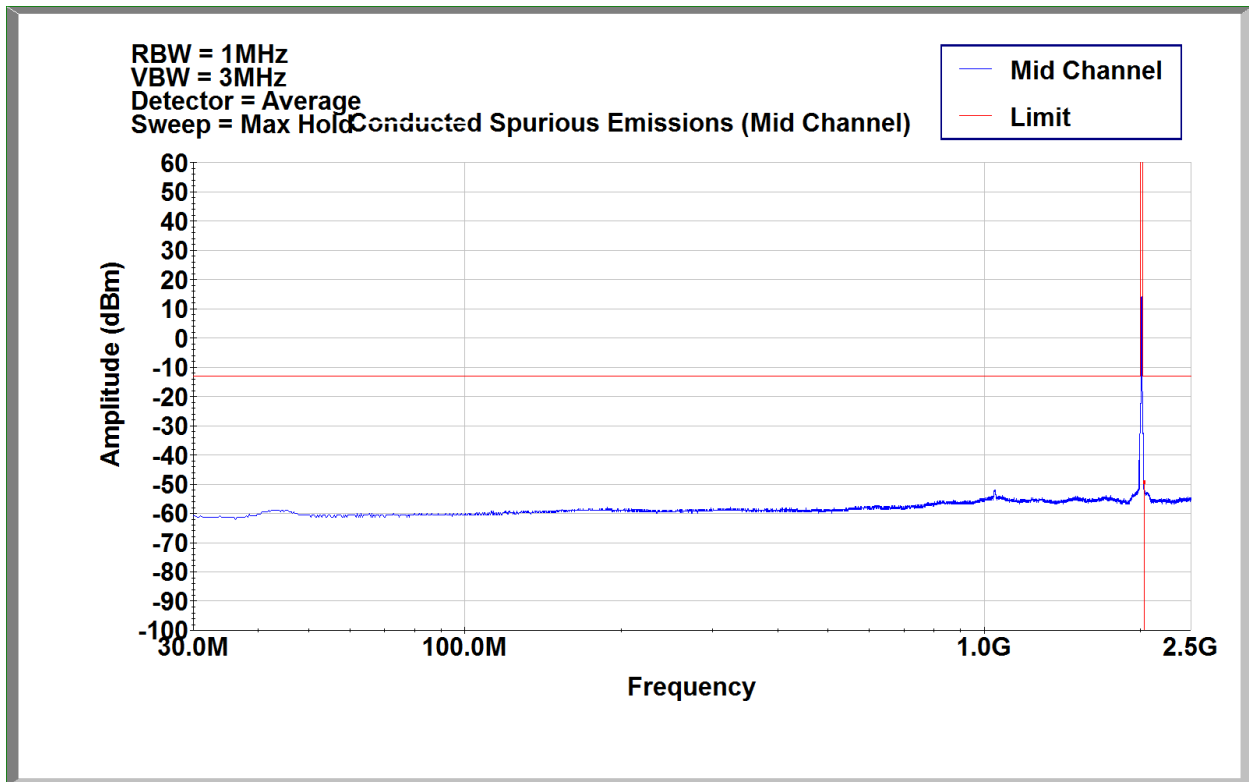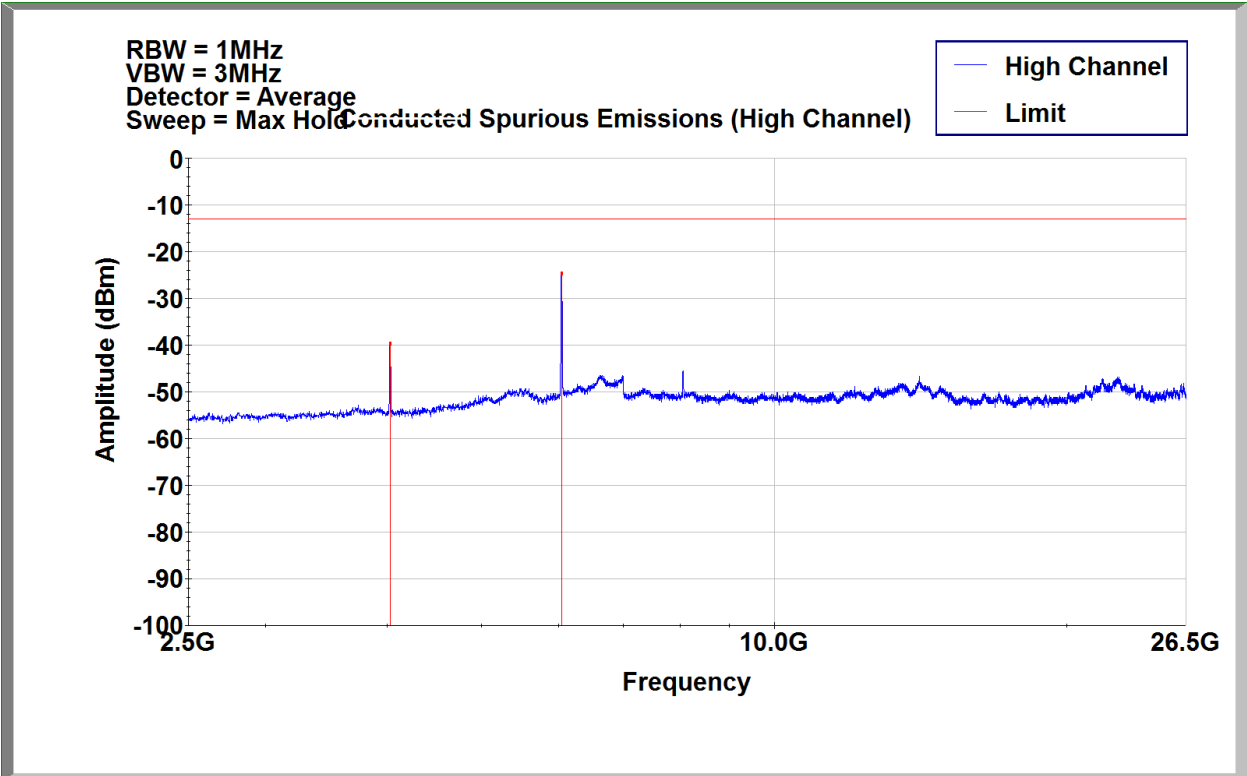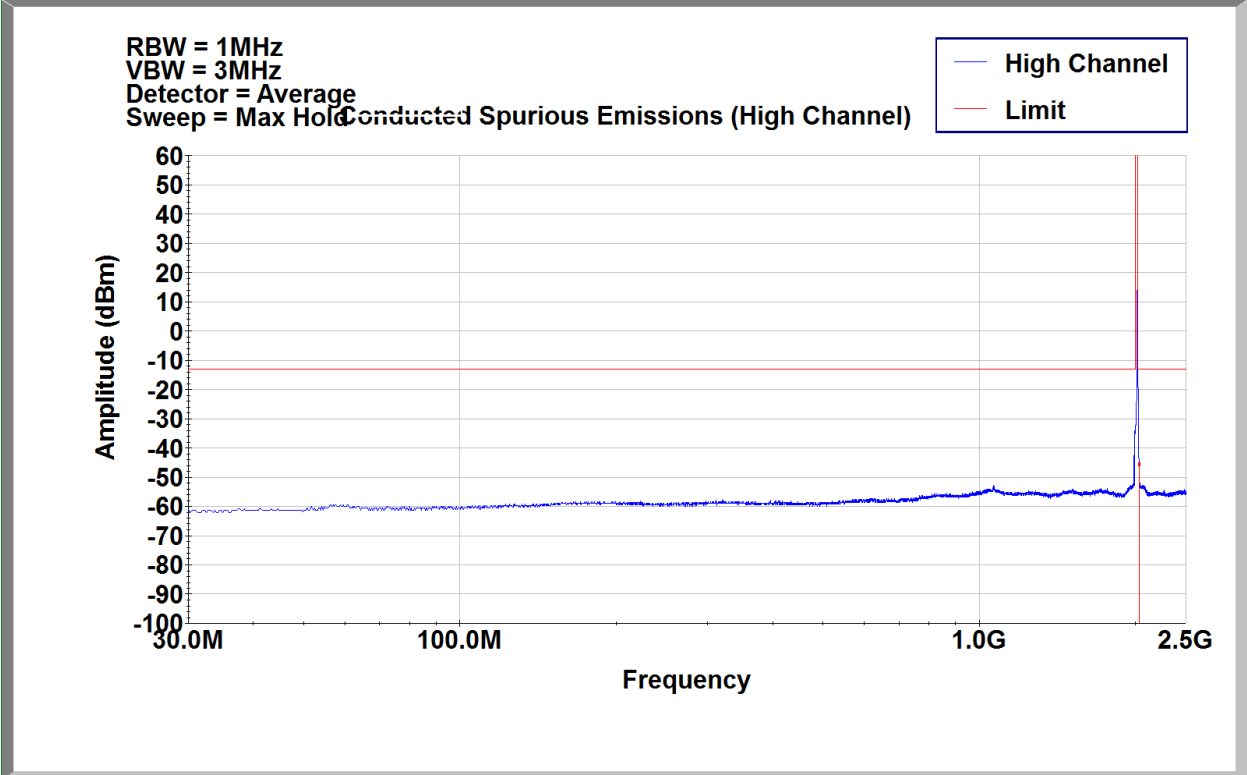
Band 70, 5MHz Bandwidth Setting, 16QAM, Low Channel, Port A

RBW = 1MHz
VBW = 3MHz
Detector = Average
Sweep = Max Hold Conducted Spurious Emissions (Mid Channel)

Legend: Mid Channel, Limit

RBW = 1MHz
VBW = 3MHz
Detector = Average
Sweep = Max Hold Conducted Spurious Emissions (Mid Channel)

Legend: Mid Channel, Limit

Band 70, 5MHz Bandwidth Setting, 16QAM, Mid Channel, Port A

RBW = 1MHz
VBW = 3MHz
Detector = Average
Sweep = Max Hold Conducted Spurious Emissions (High Channel)

High Channel
Limit

RBW = 1MHz
VBW = 3MHz
Detector = Average
Sweep = Max Hold Conducted Spurious Emissions (High Channel)

High Channel
Limit

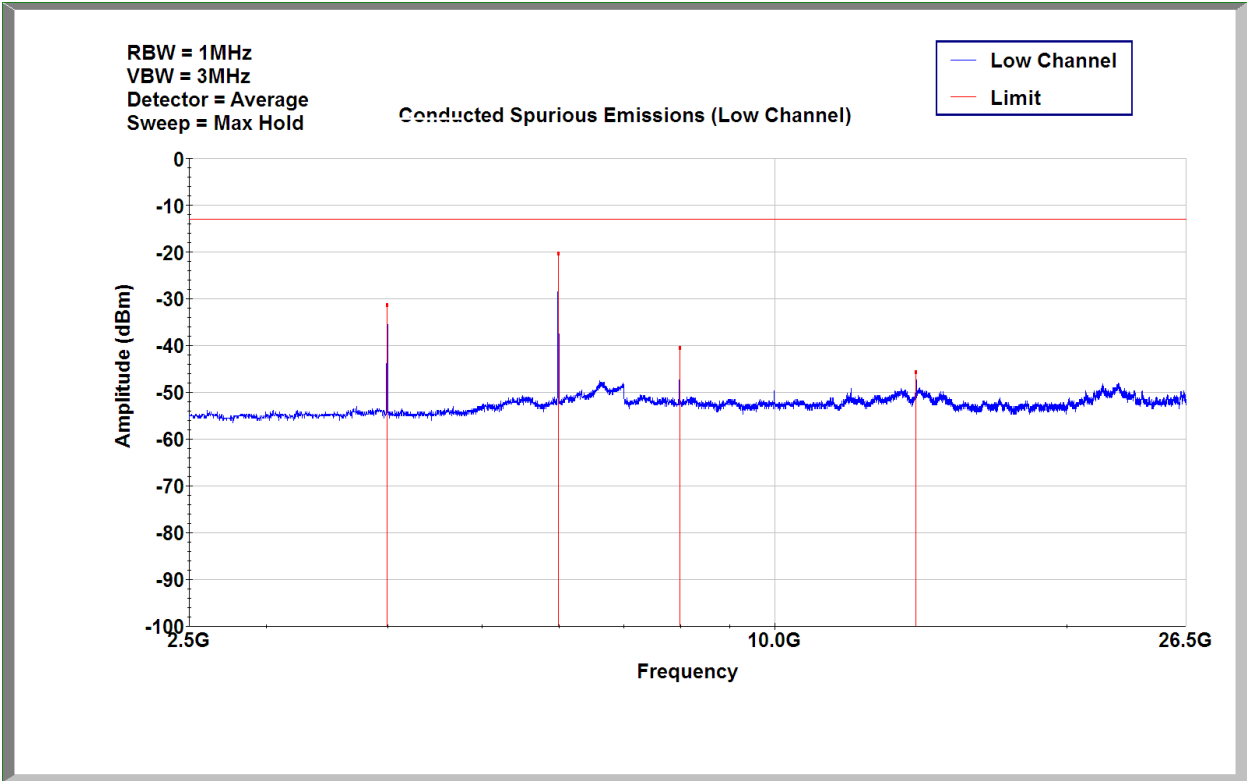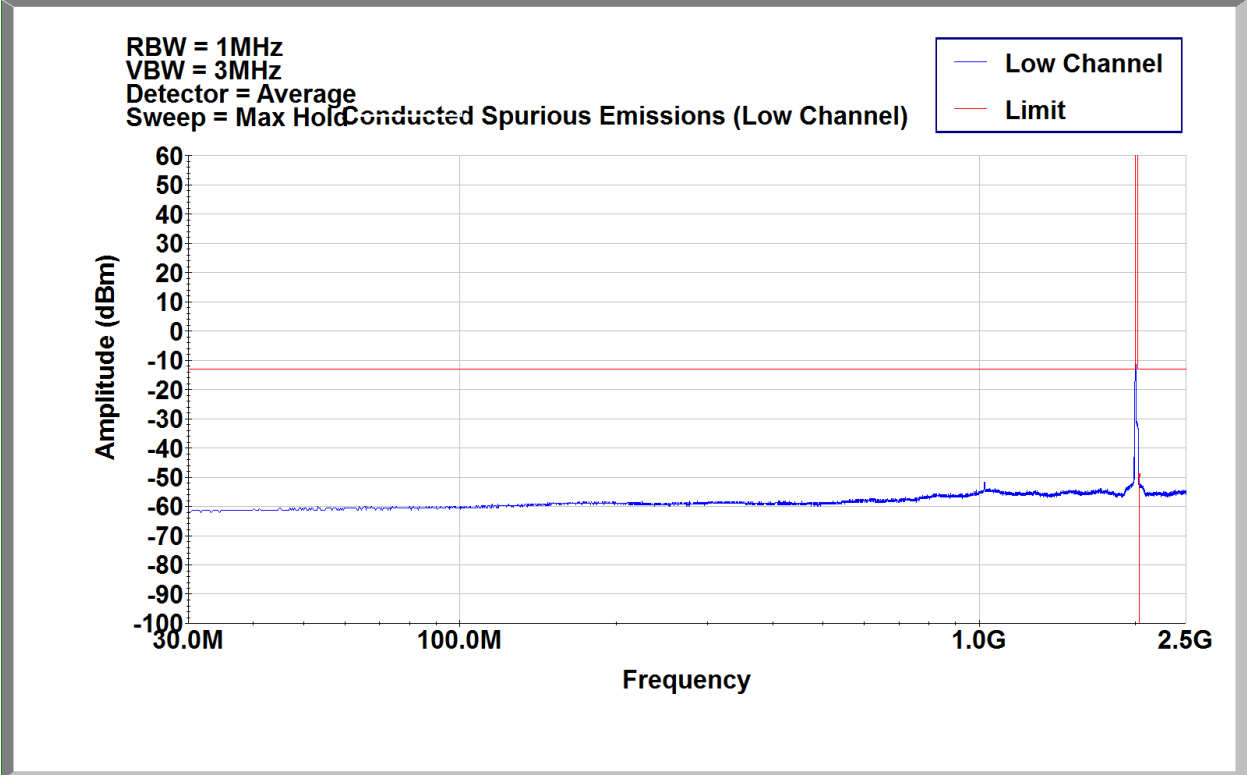Band 70, 5MHz Bandwidth Setting, 16QAM, High Channel, Port A
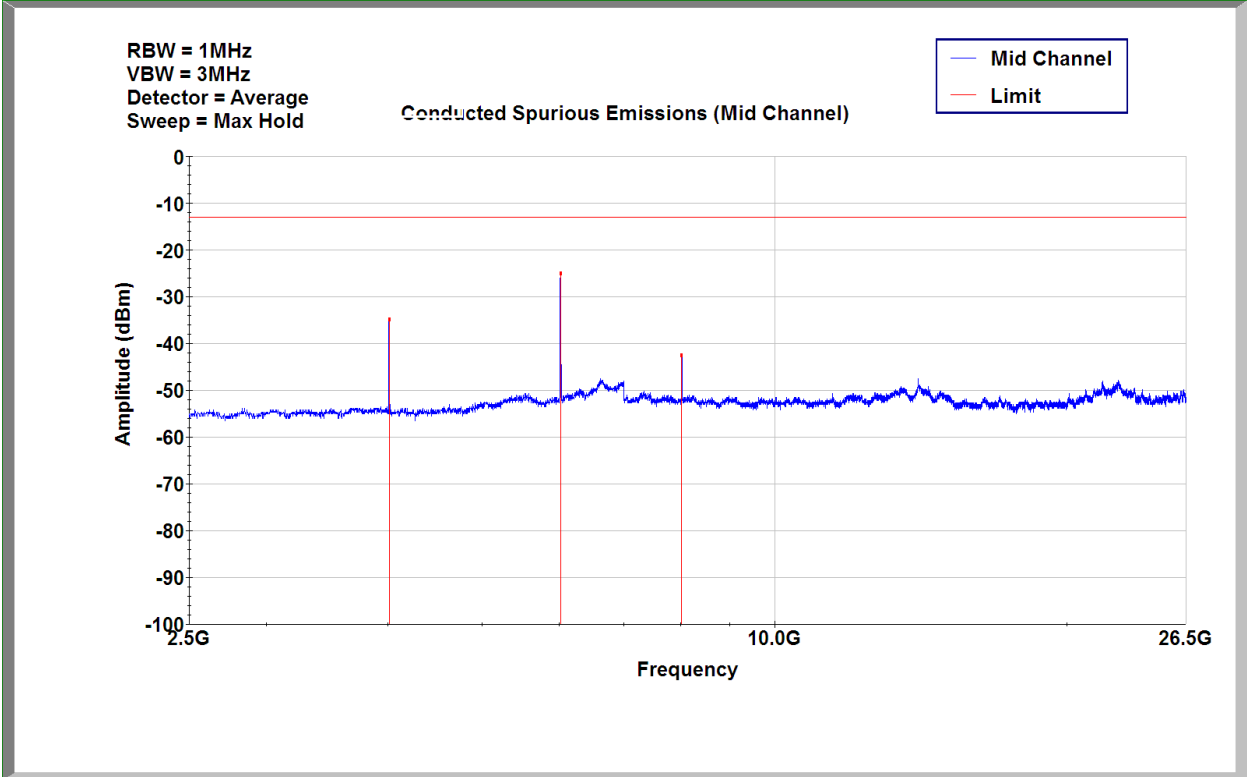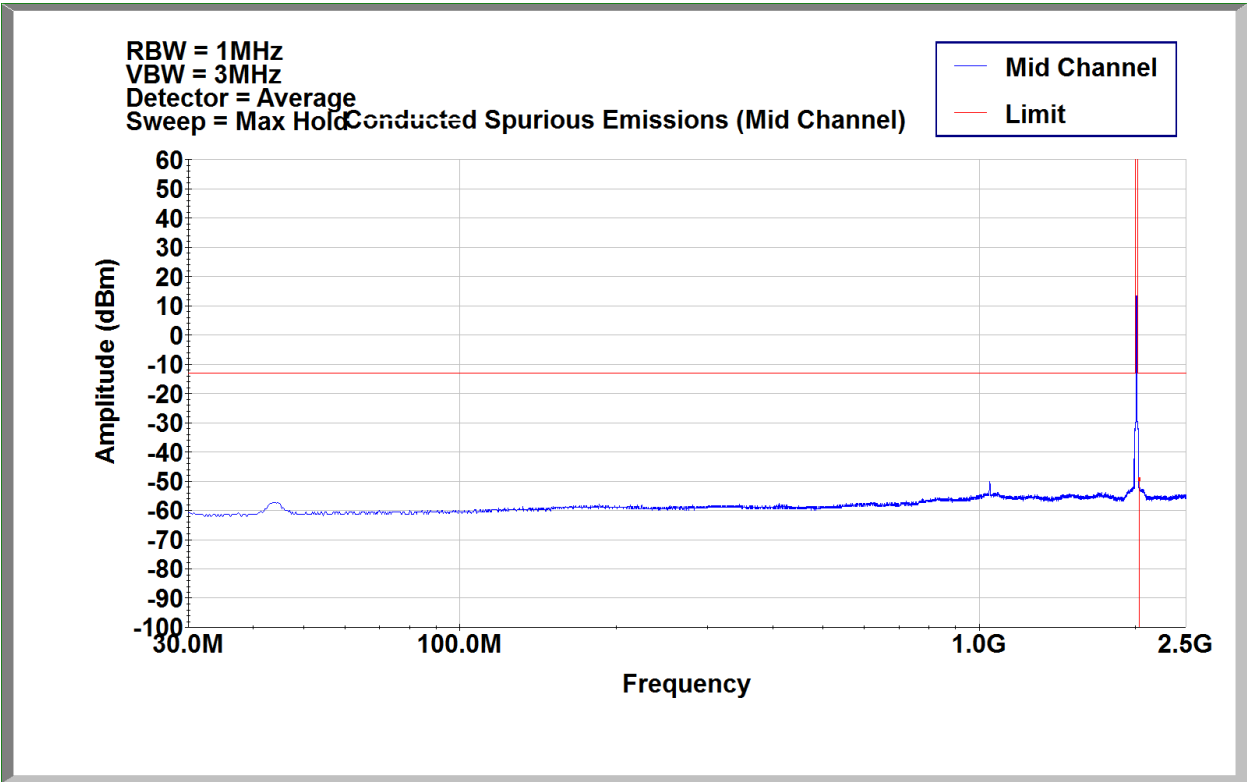
Band 70, 20MHz Bandwidth Setting, 64QAM, Low Channel, Port A

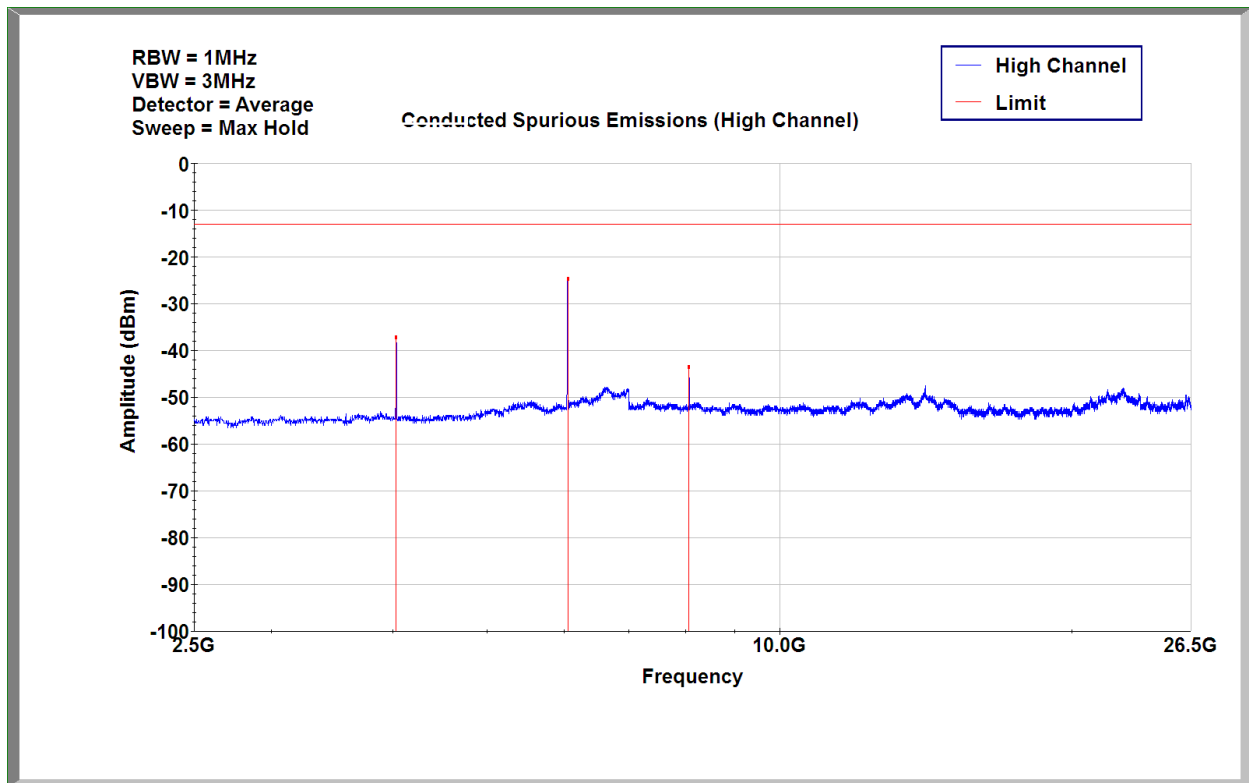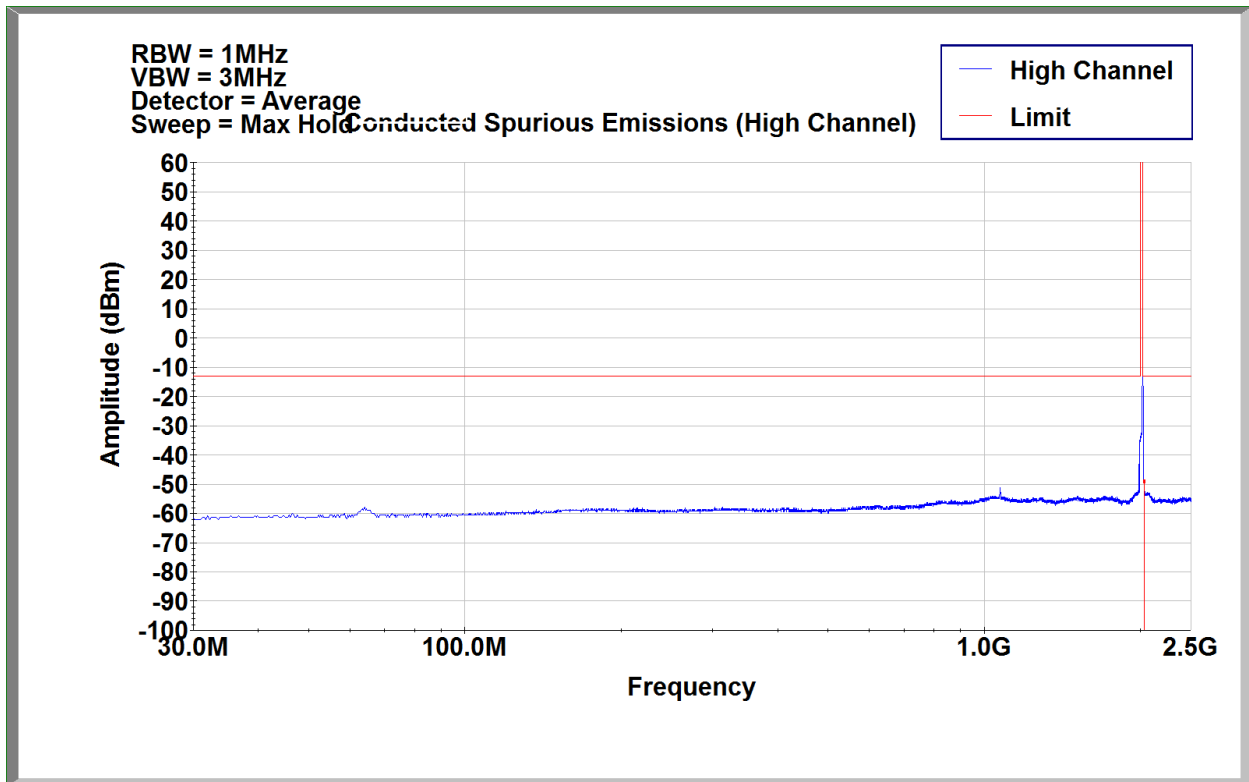Band 70, 20MHz Bandwidth Setting, 64QAM, Mid Channel, Port A

Band 70, 20MHz Bandwidth Setting, 64QAM, High Channel, Port A

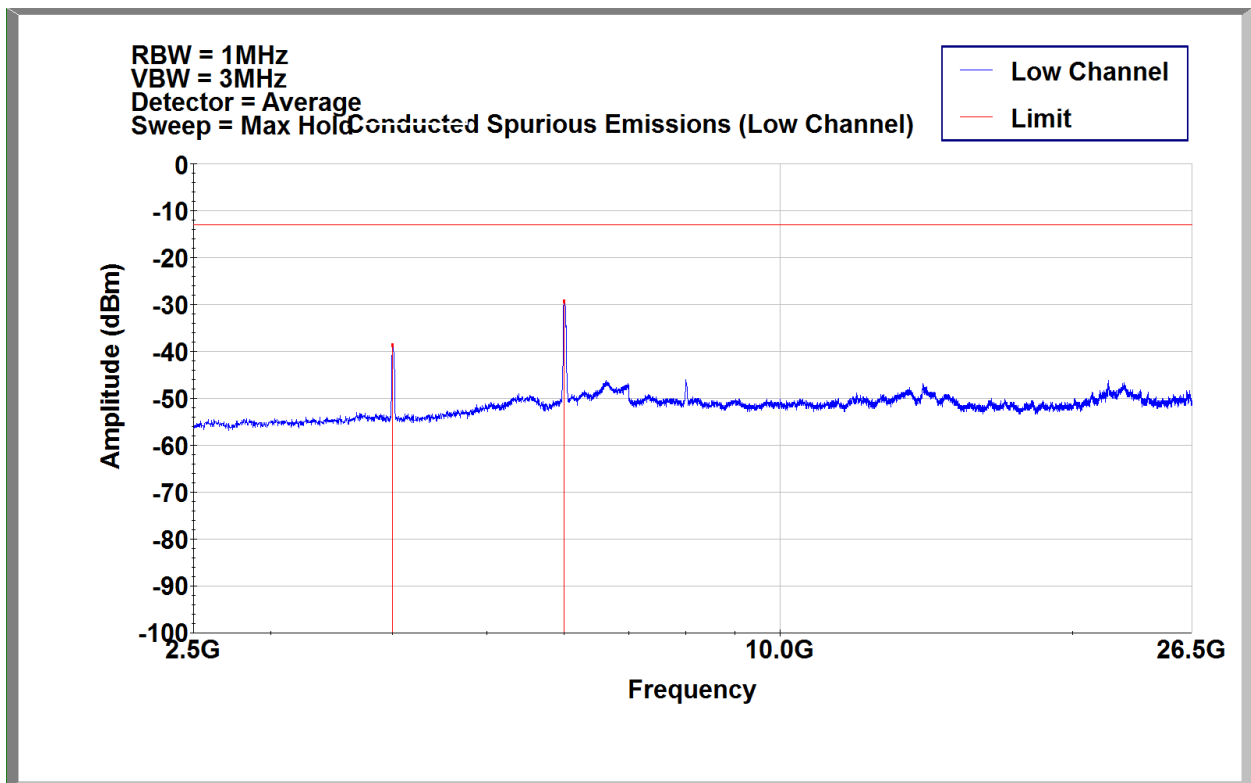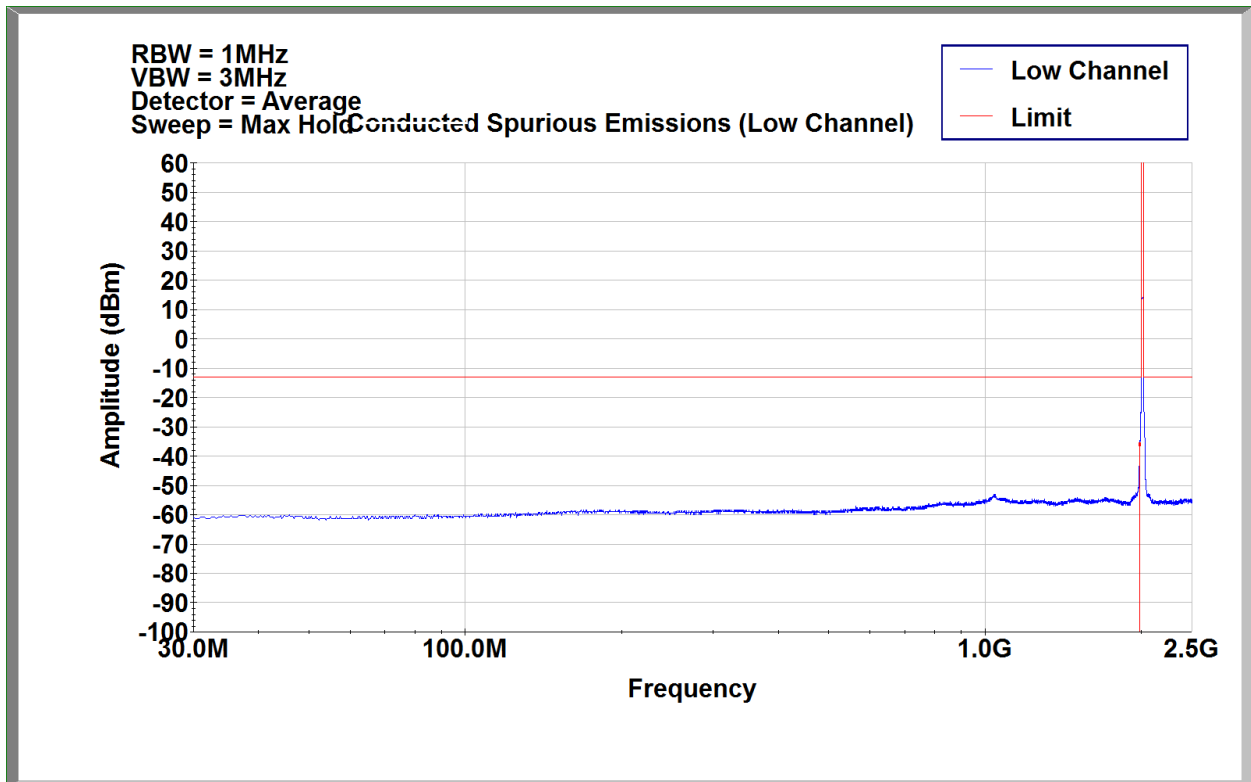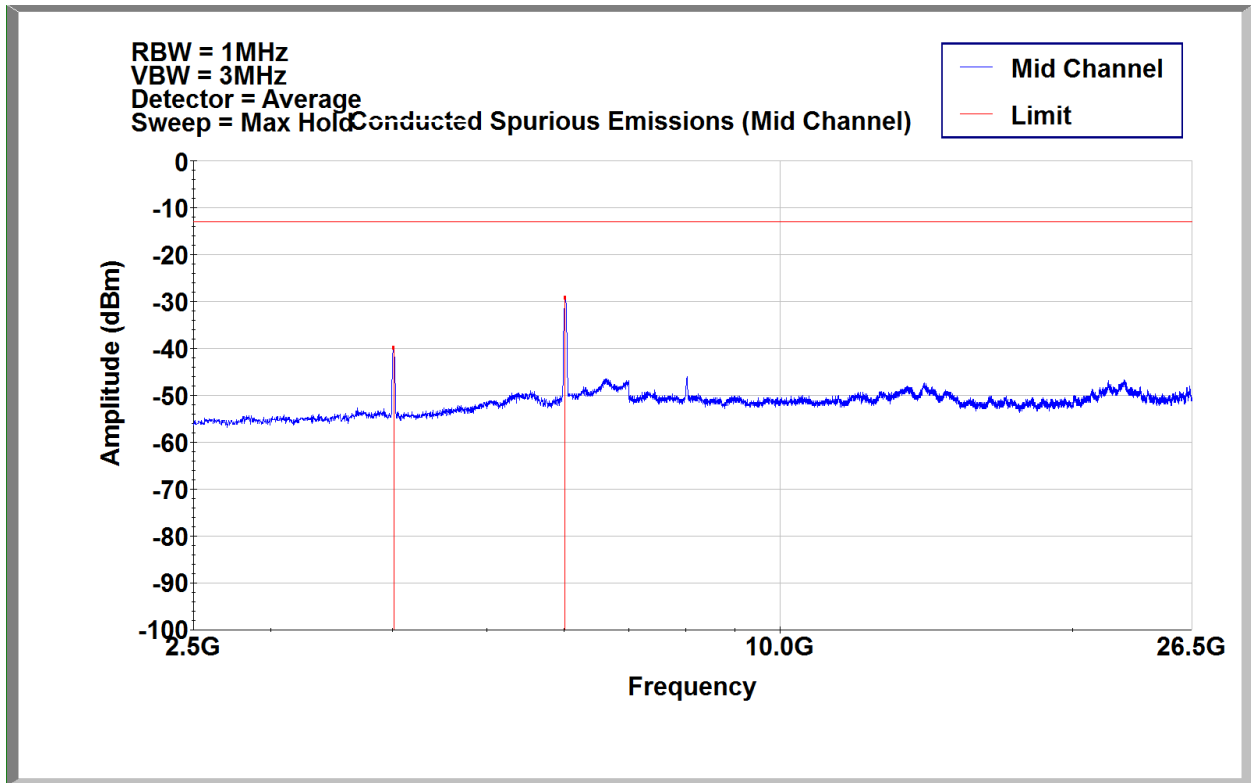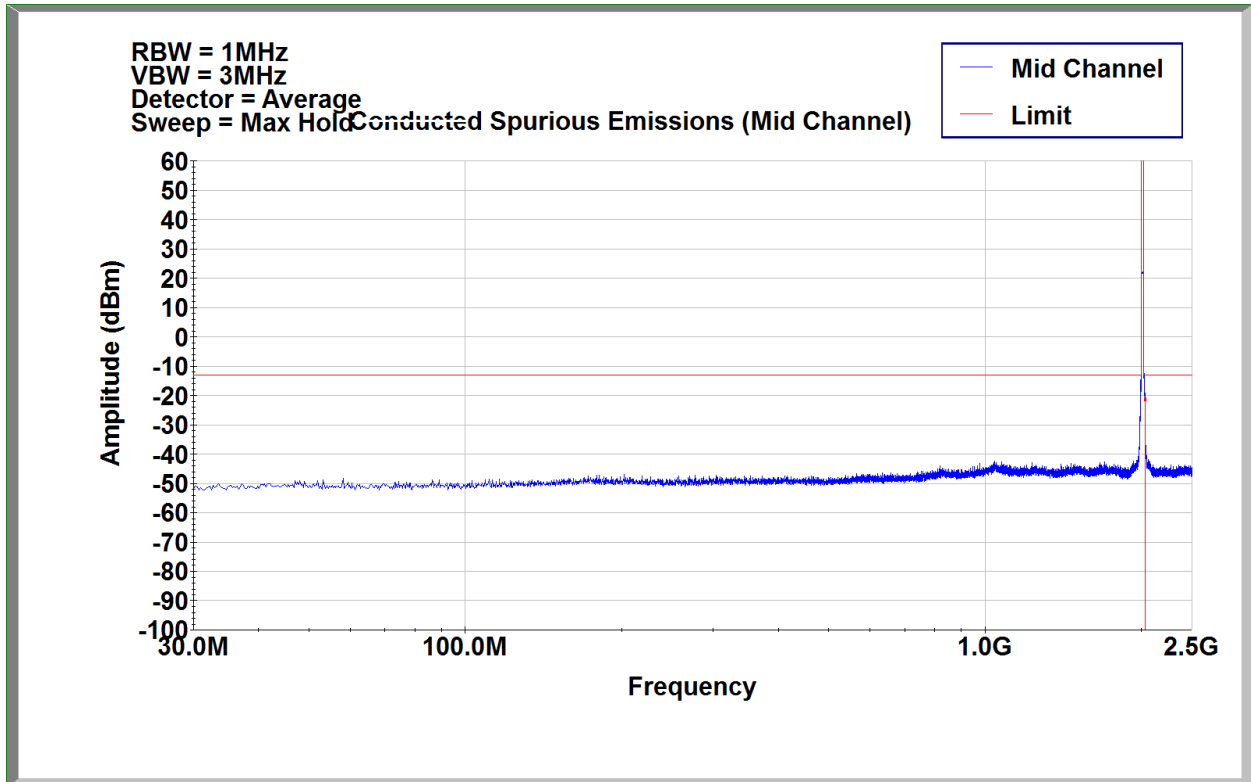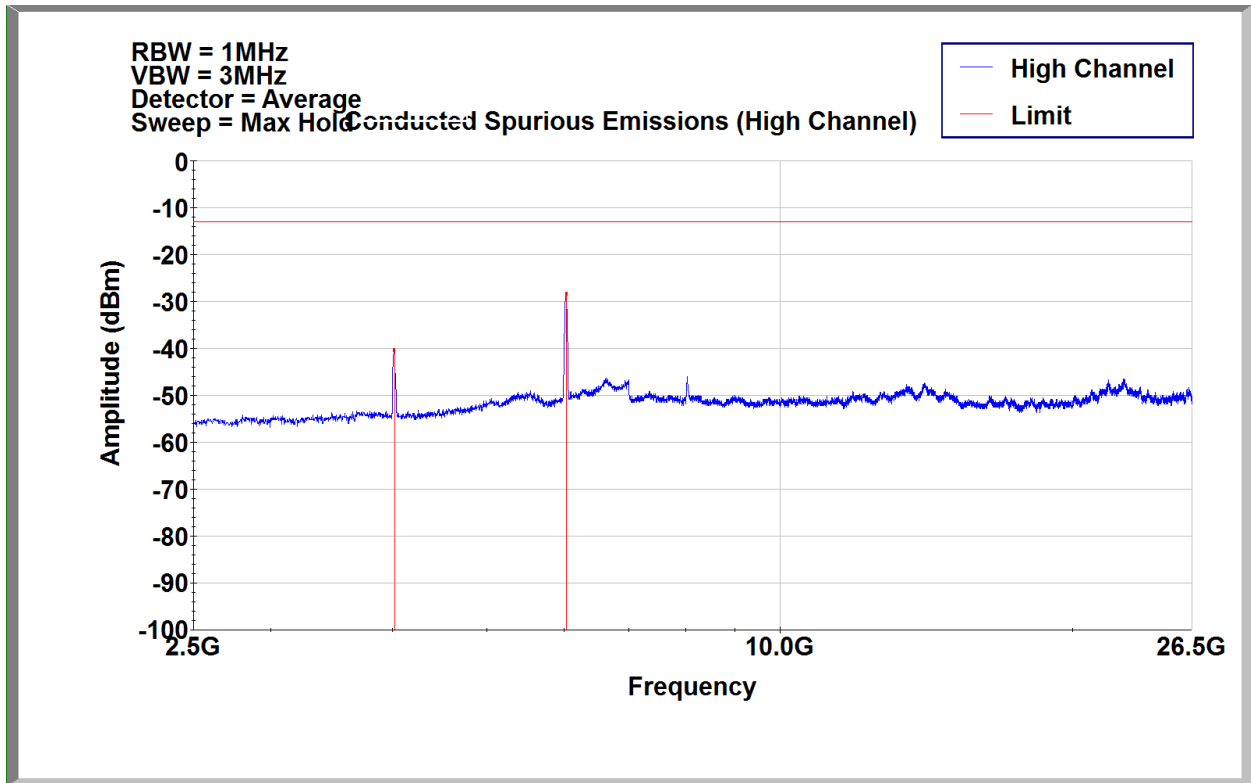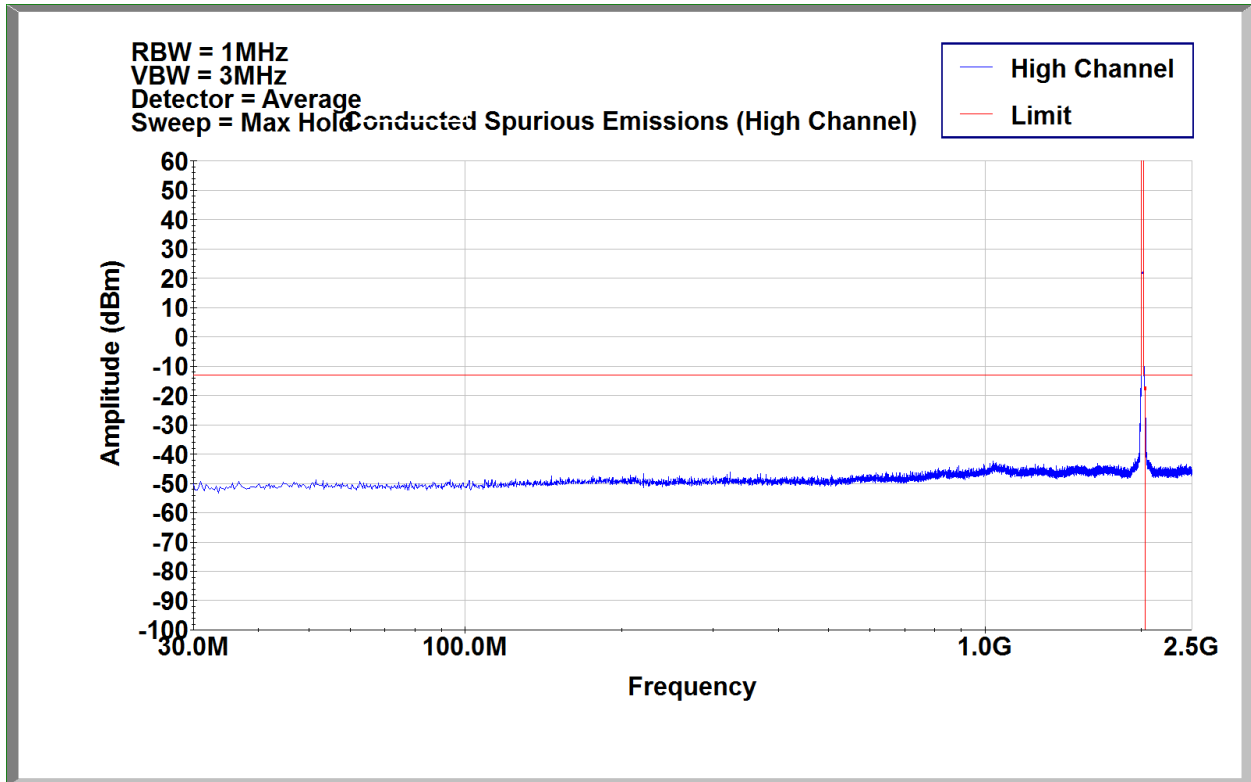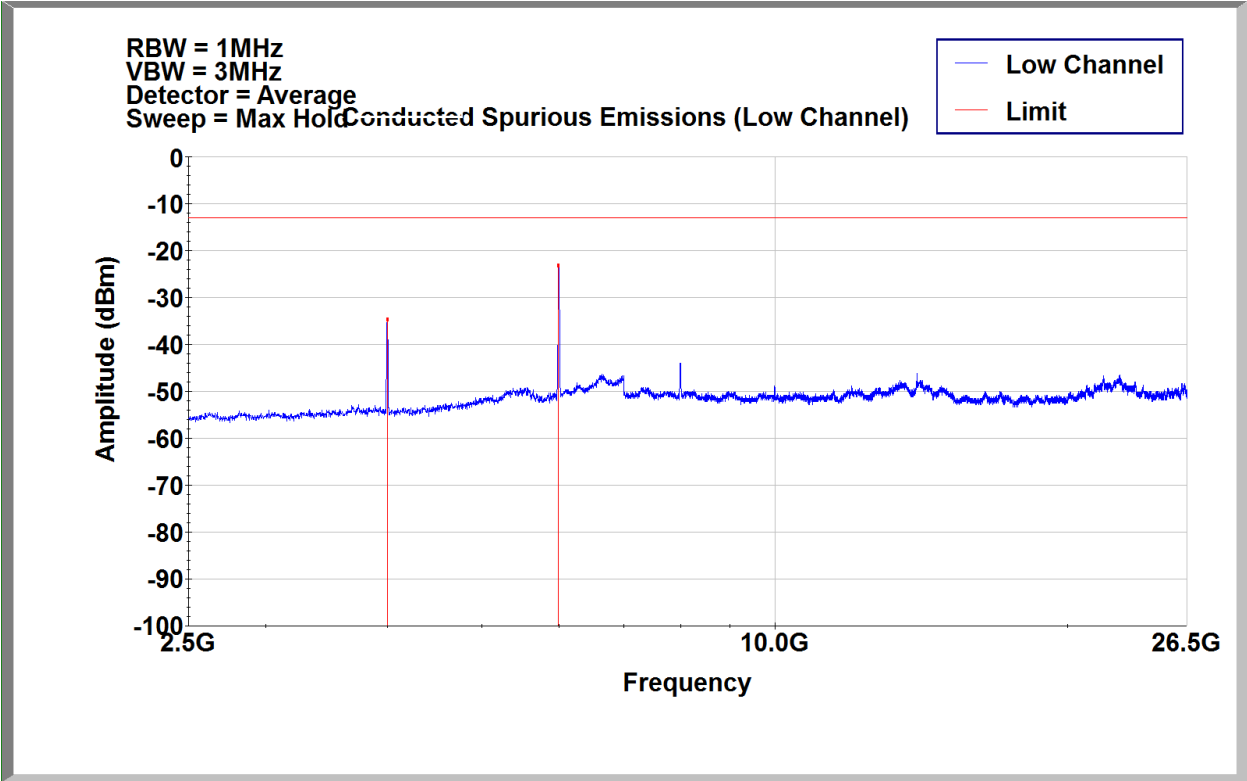Band 70, 10MHz Bandwidth Setting, 64QAM, Low Channel, Port A

RBW = 1MHz
VBW = 3MHz
Detector = Average
Sweep = Max Hold Conducted Spurious Emissions (Mid Channel)

RBW = 1MHz
VBW = 3MHz
Detector = Average
Sweep = Max Hold Conducted Spurious Emissions (Mid Channel)

Band 70, 10MHz Bandwidth Setting, 64QAM, Mid Channel, Port A

Band 70, 10MHz Bandwidth Setting, 64QAM, High Channel, Port A

Band 70, 5MHz Bandwidth Setting, 64QAM, Low Channel, Port A

Band 70, 5MHz Bandwidth Setting, 64QAM, Mid Channel, Port A

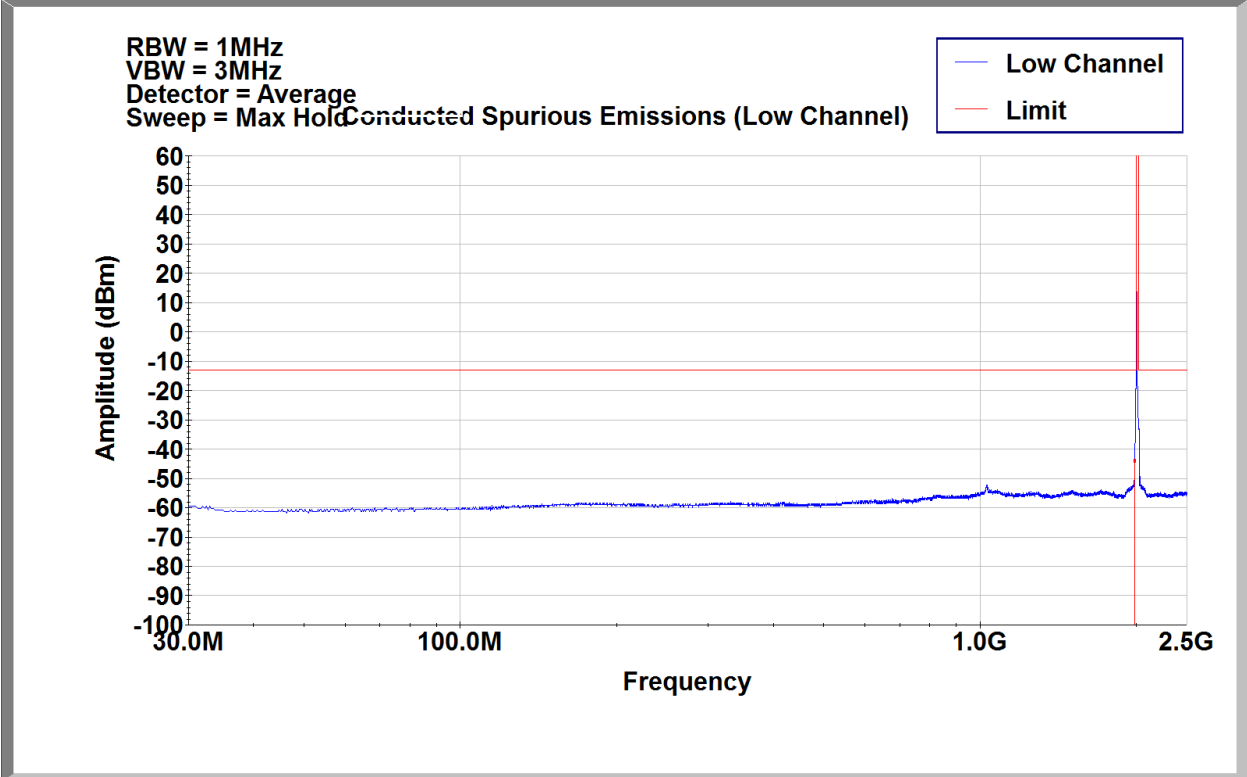Band 70, 5MHz Bandwidth Setting, 64QAM, High Channel, Port A

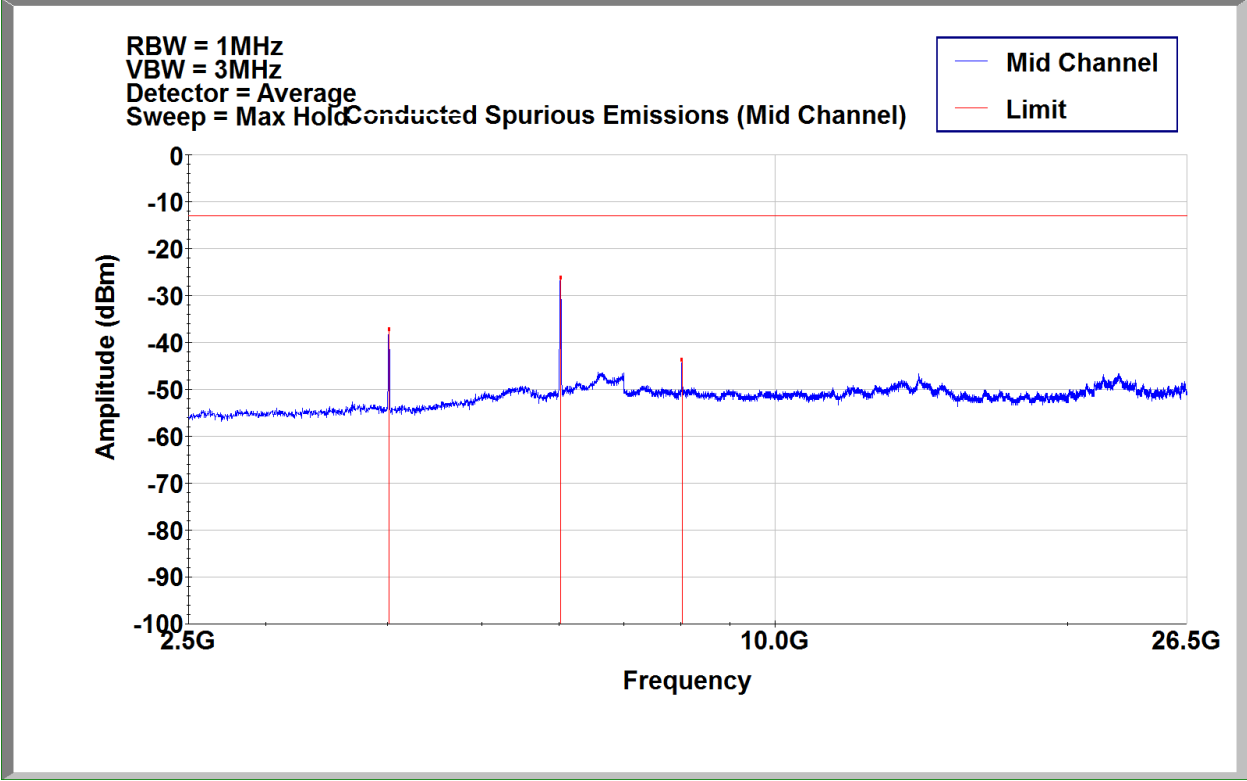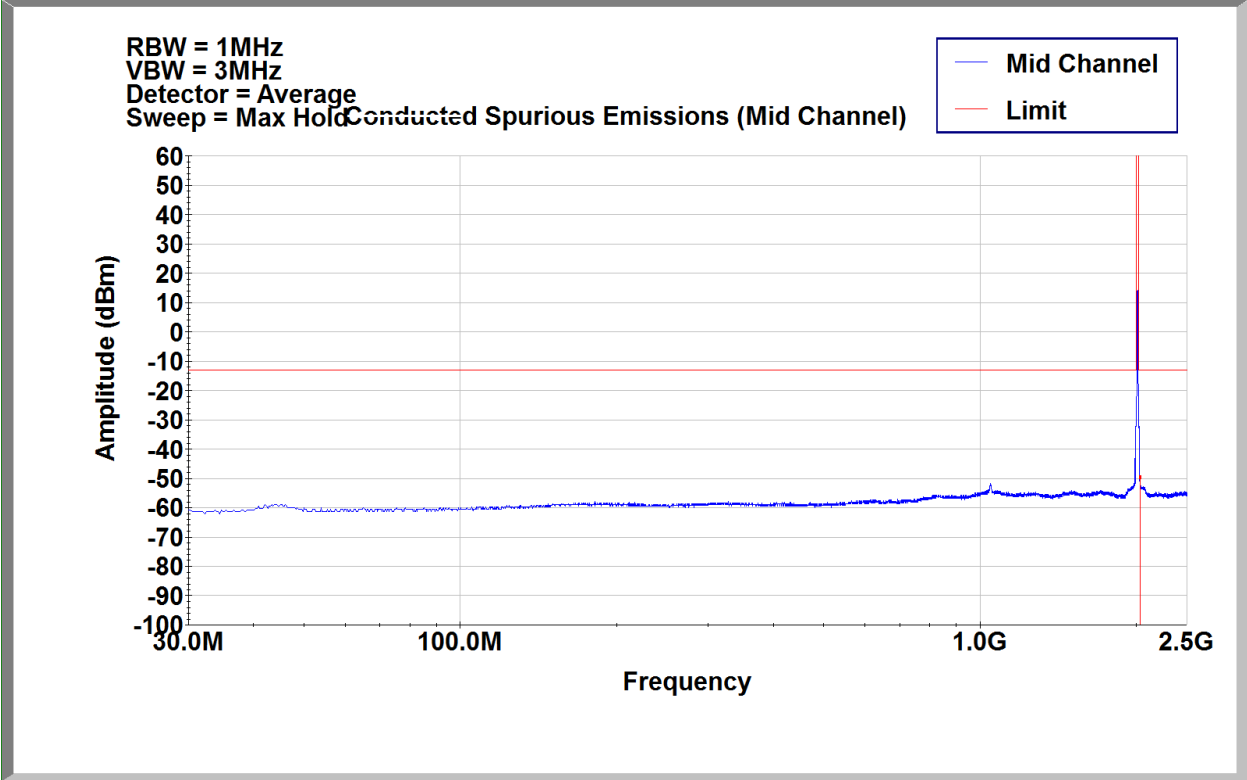Band 70, 20MHz Bandwidth Setting, 256QAM, Low Channel, Port A

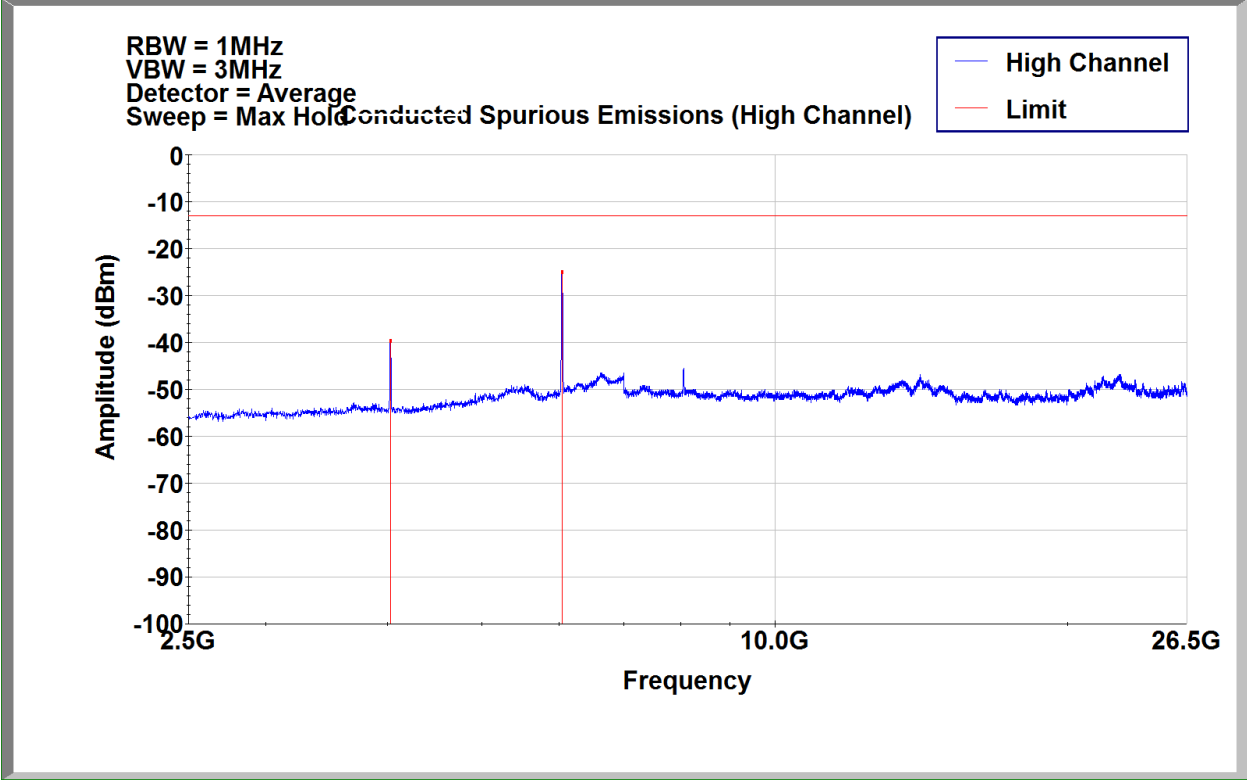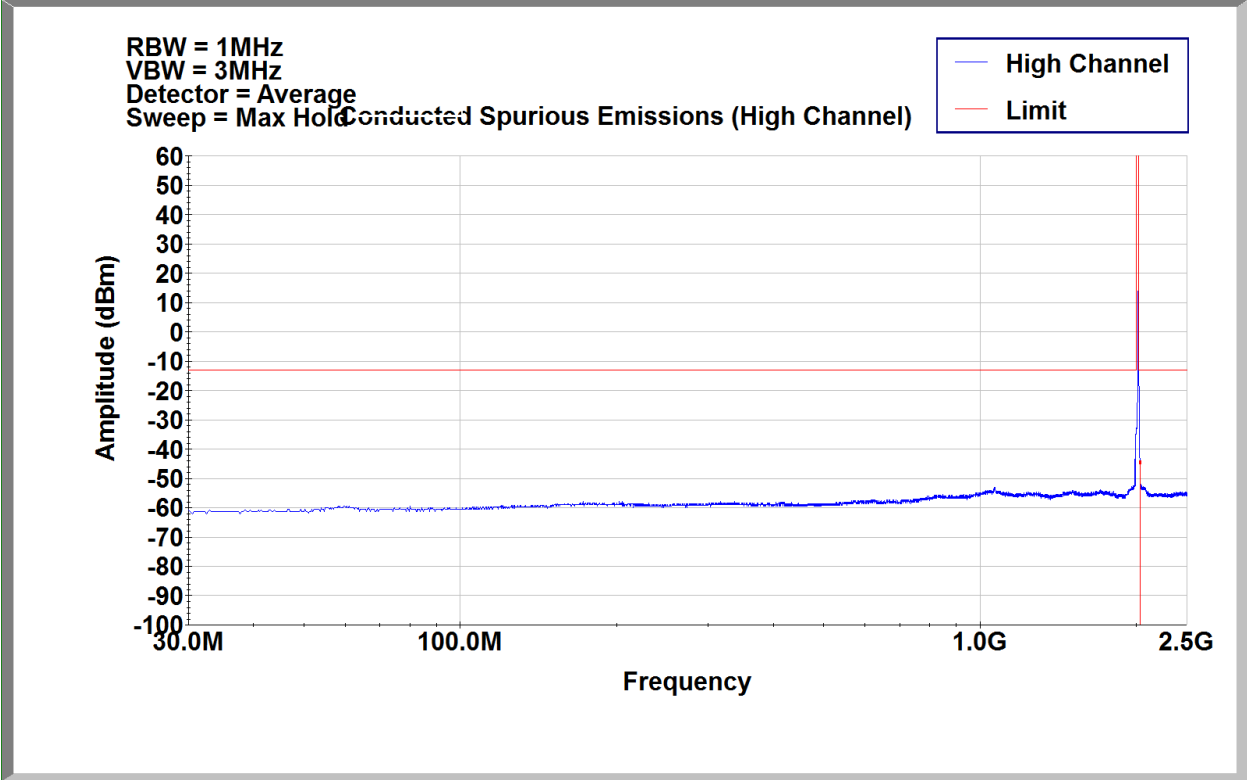Band 70, 20MHz Bandwidth Setting, 256QAM, Mid Channel, Port A

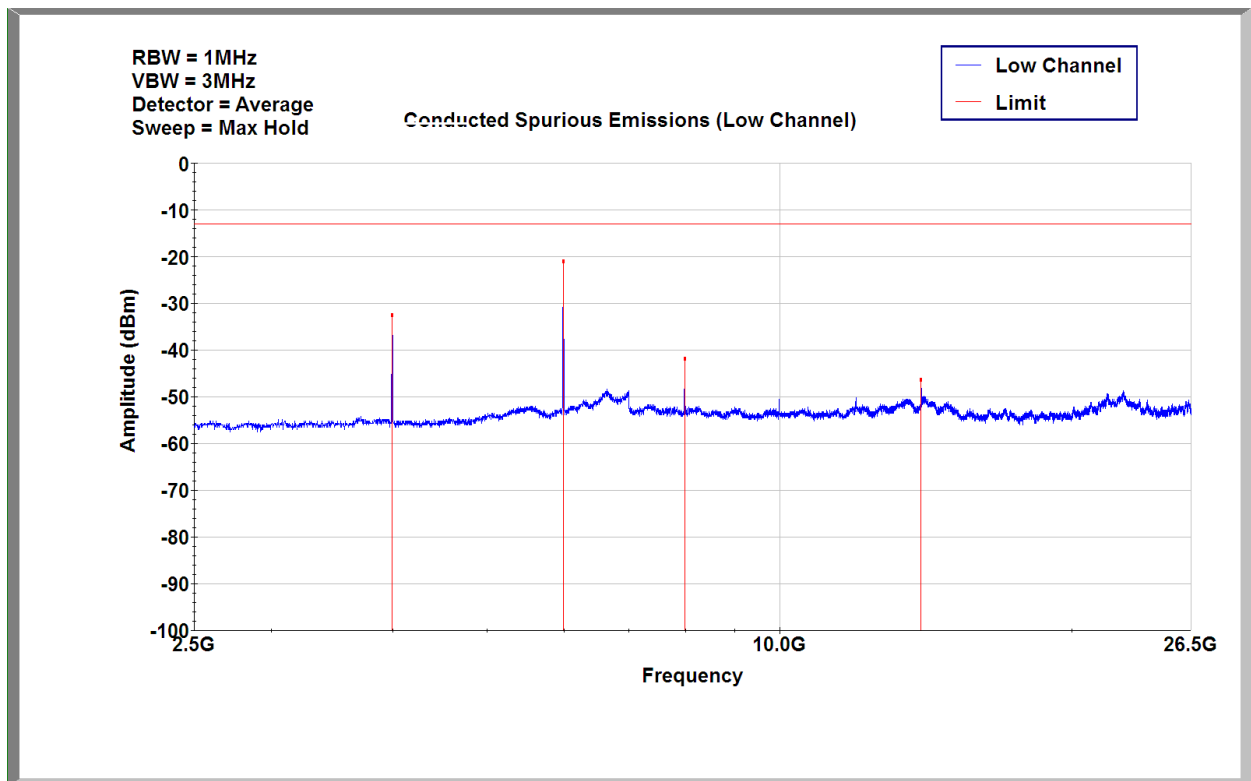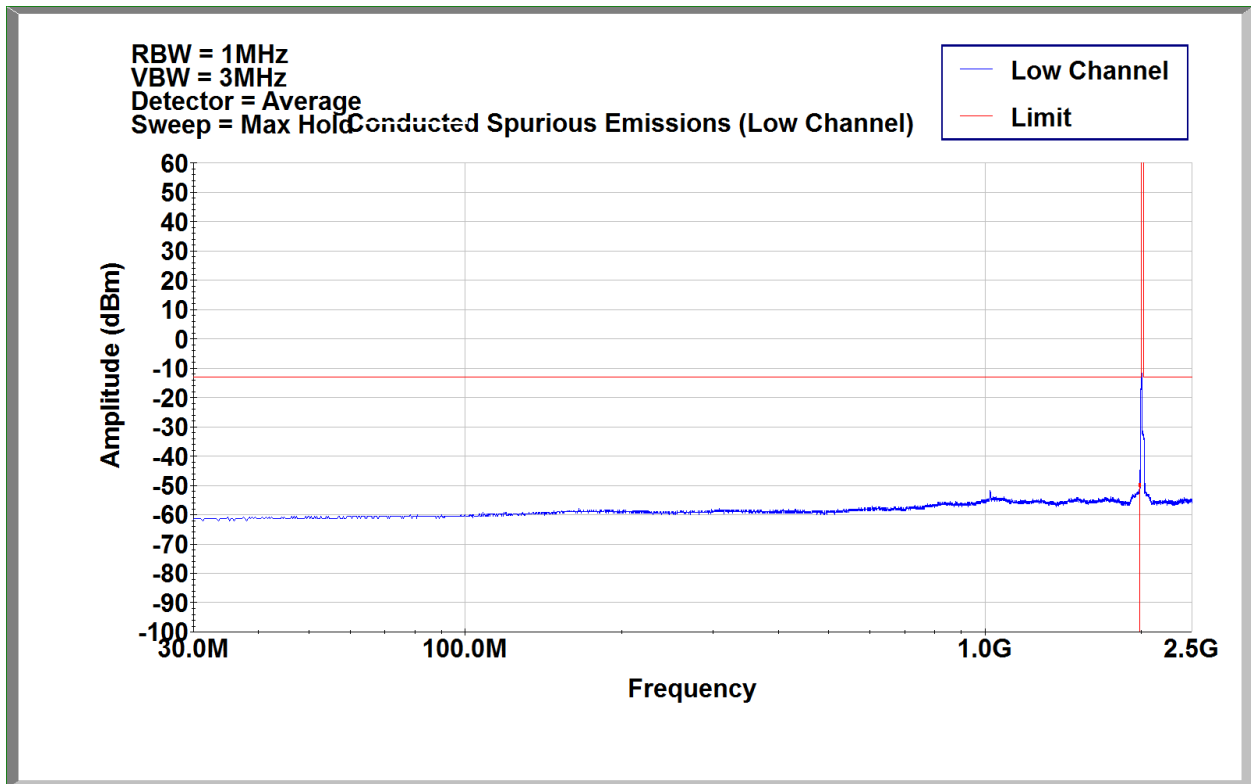Band 70, 20MHz Bandwidth Setting, 256QAM, High Channel, Port A

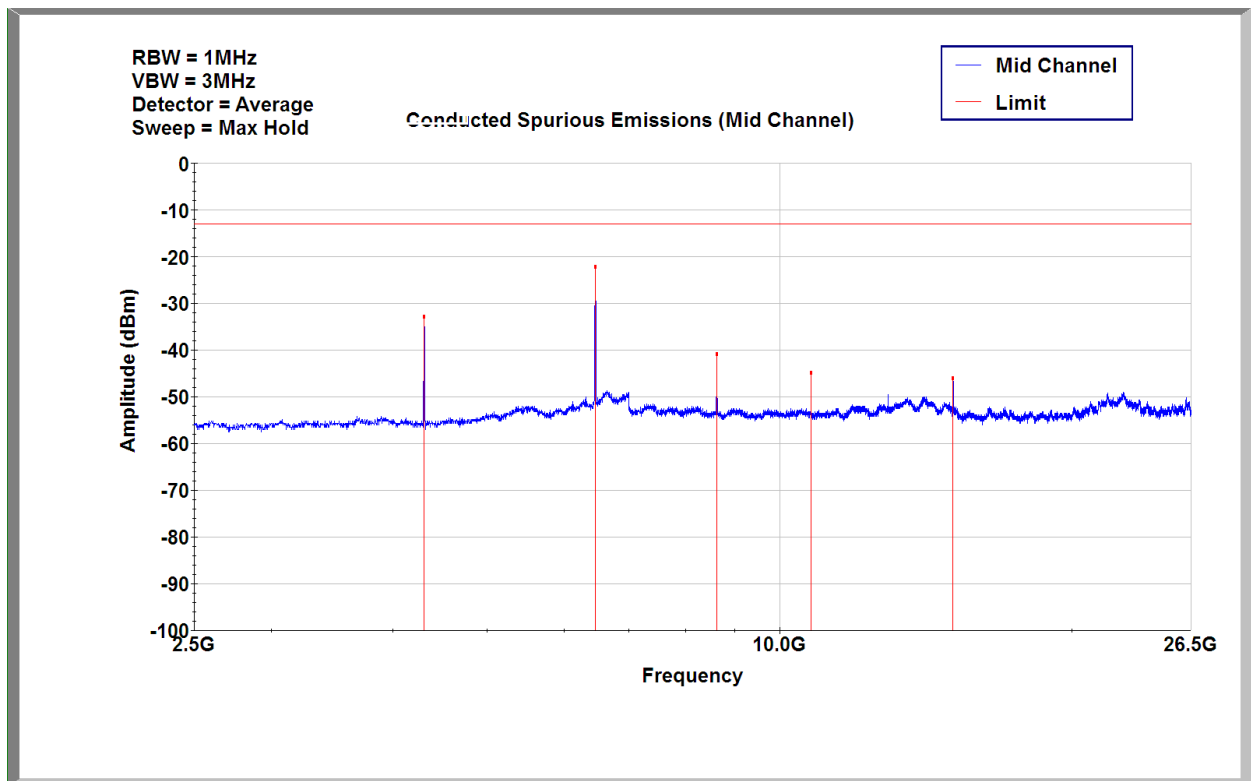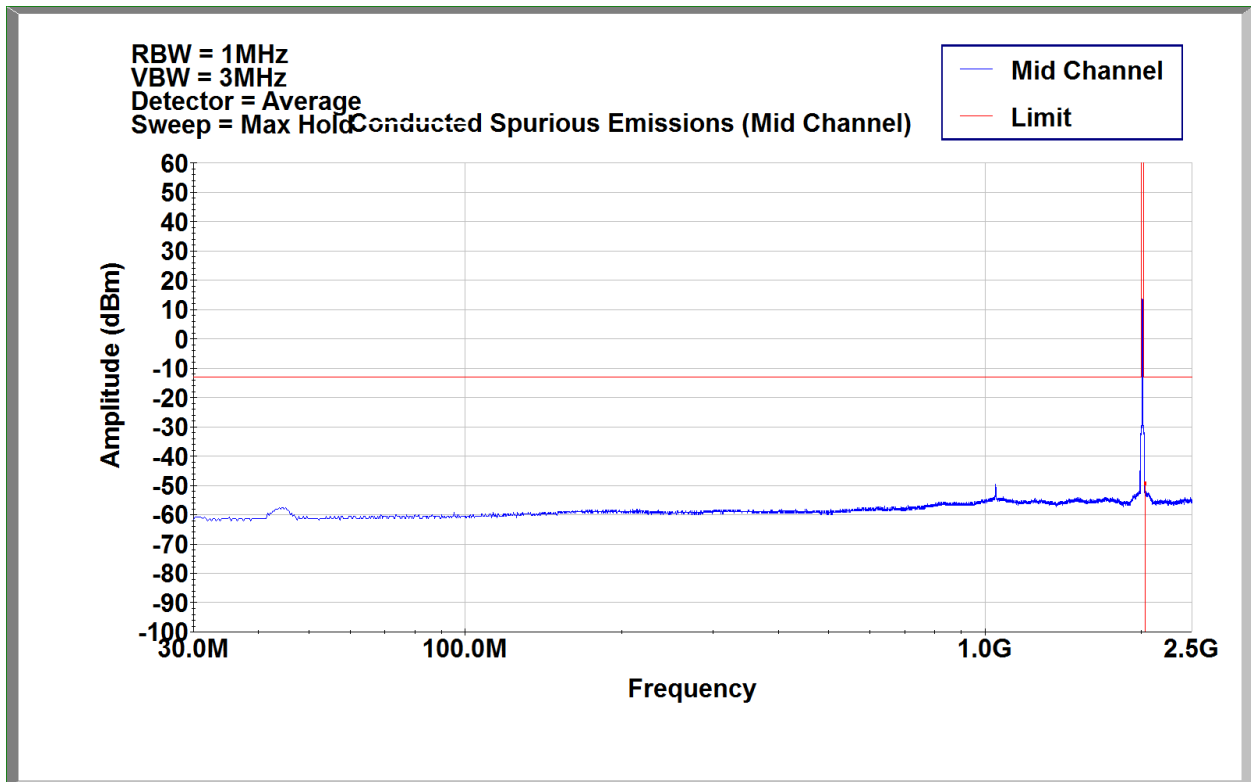Band 70, 10MHz Bandwidth Setting, 256QAM, Low Channel, Port A

Band 70, 10MHz Bandwidth Setting, 256QAM, Mid Channel, Port A

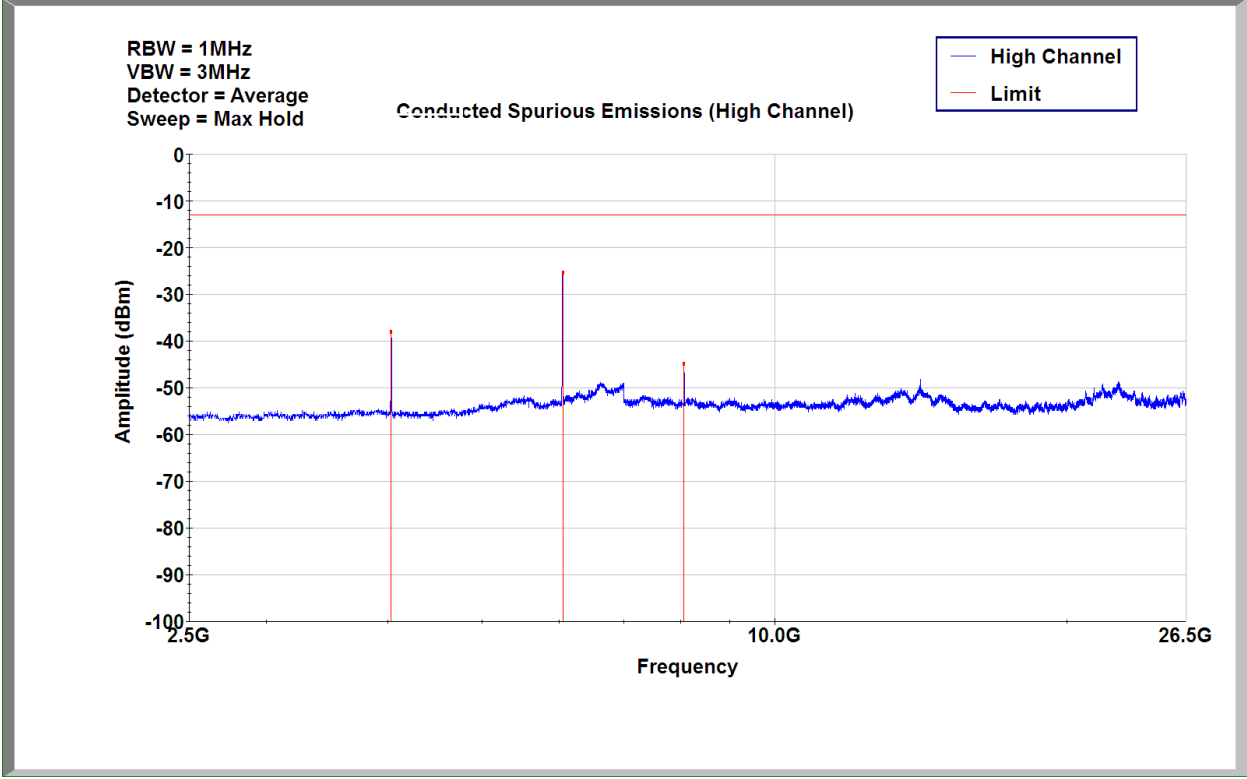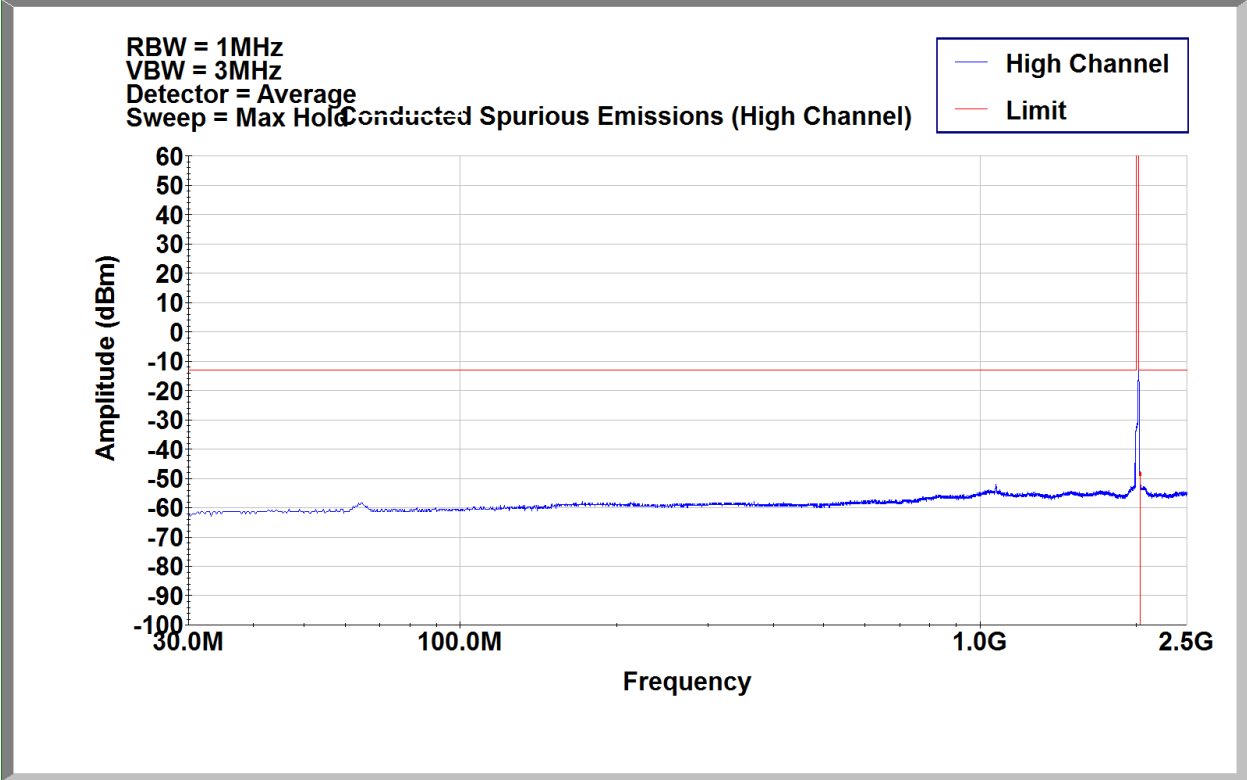Band 70, 10MHz Bandwidth Setting, 256QAM, High Channel, Port A

Band 70, 5MHz Bandwidth Setting, 256QAM, Low Channel, Port A

Band 70, 5MHz Bandwidth Setting, 256QAM, Mid Channel, Port A

Band 70, 5MHz Bandwidth Setting, 256QAM, High Channel, Port A