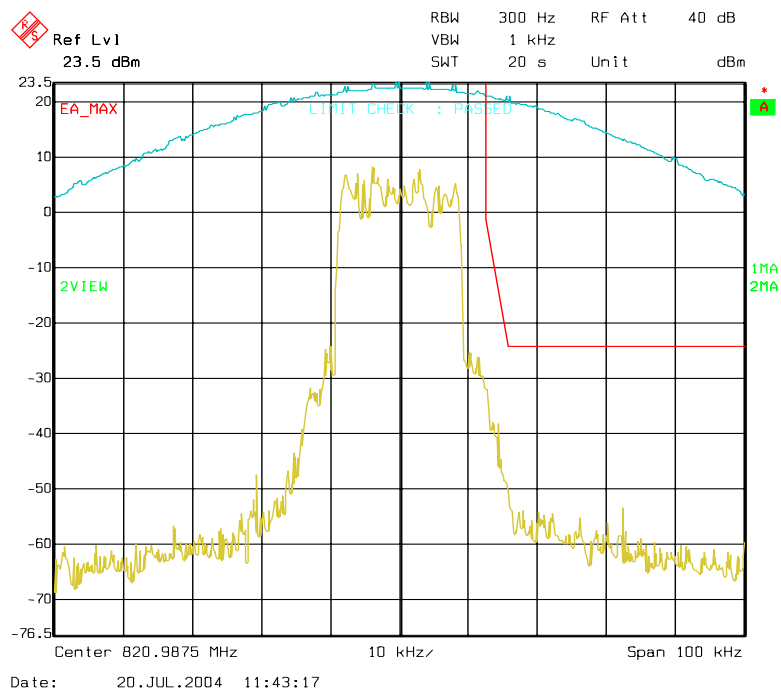
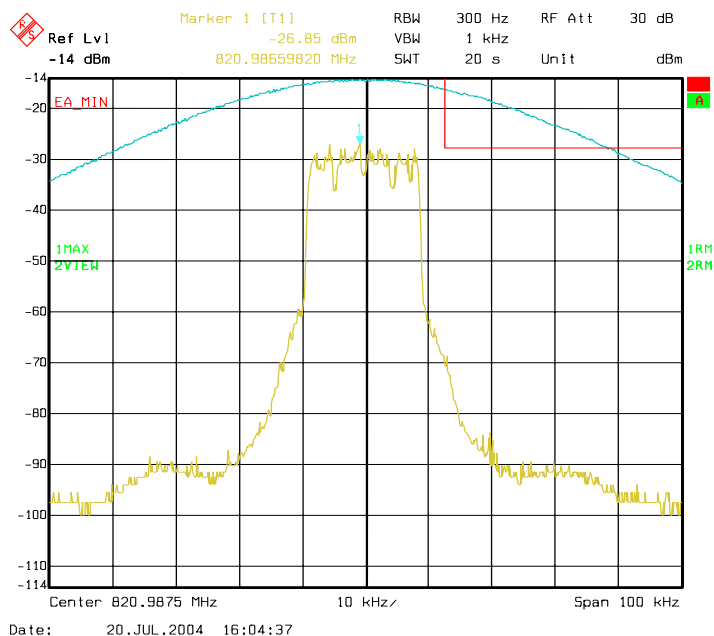




**Figure 6-16: iDEN Quad-64QAM Modulation performance relative to mask 47 CFR 90.691.  
(MAXIMUM POWER SETTING)**

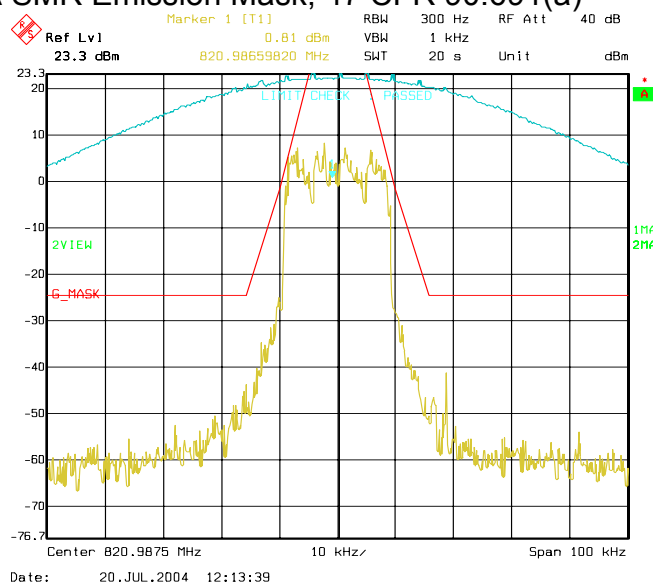


**Figure 6-17: iDEN Quad-64QAM Modulation performance relative to mask 47 CFR 90.691.  
(MINIMUM POWER SETTING)**

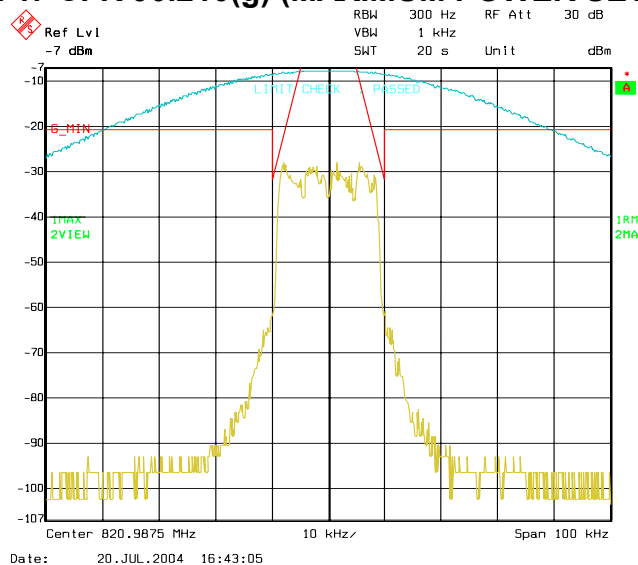
### 6.3.2 800 MHz Band WiDEN25 Operation Measured Data

#### FCC Limits

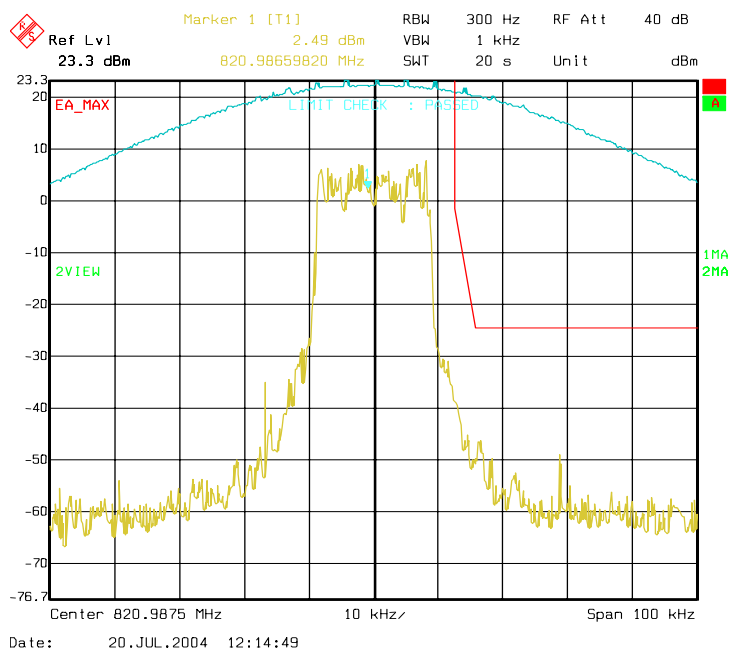
- Per 47CFR 90.210(g)
- Per EA SMR Emission Mask, 47 CFR 90.691(a)



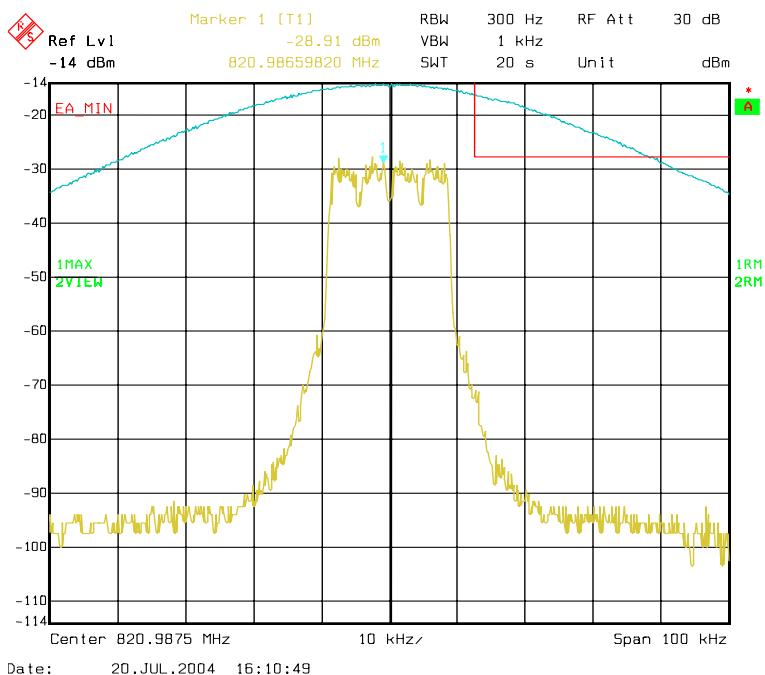
**Figure 6-18: WiDEN25 Quad-QPSK Modulation performance relative to mask 47 CFR 90.210(g) (MAXIMUM POWER SETTING)**



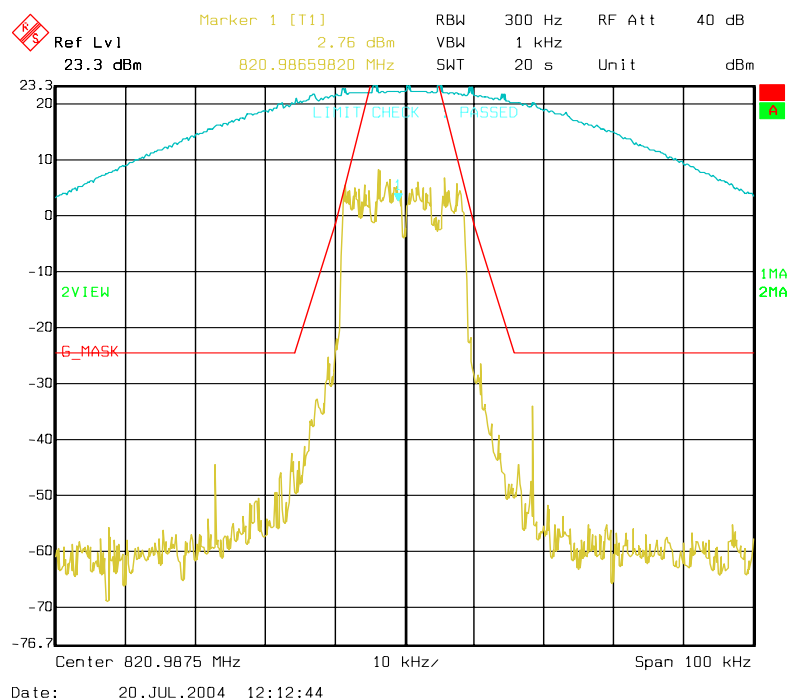
**Figure 6-19: WiDEN25 Quad-QPSK Modulation performance relative to mask 47 CFR 90.210(g) (MINIMUM POWER SETTING)**



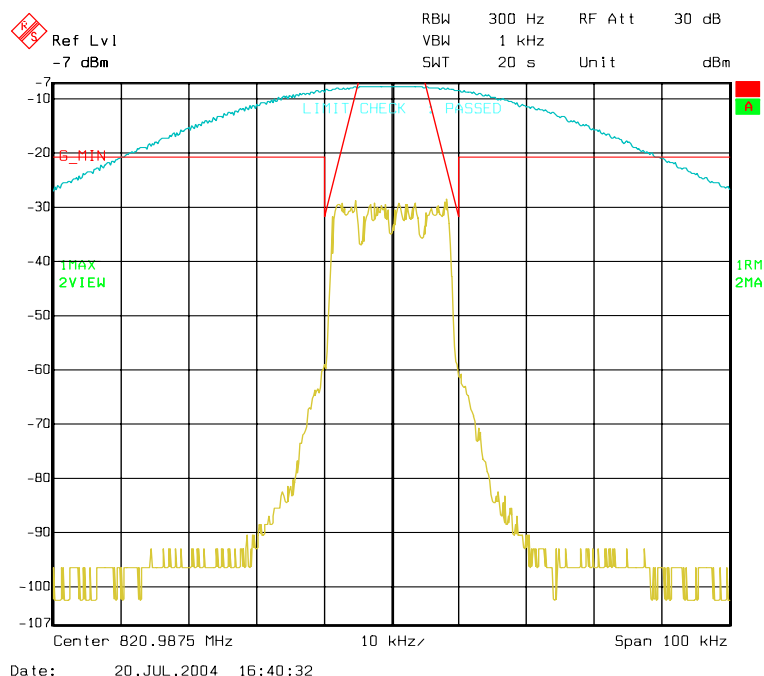
**Figure 6-20: WIDEN25 Quad-QPSK Modulation performance relative to mask 47 CFR 90.691. (MAXIMUM POWER SETTING)**



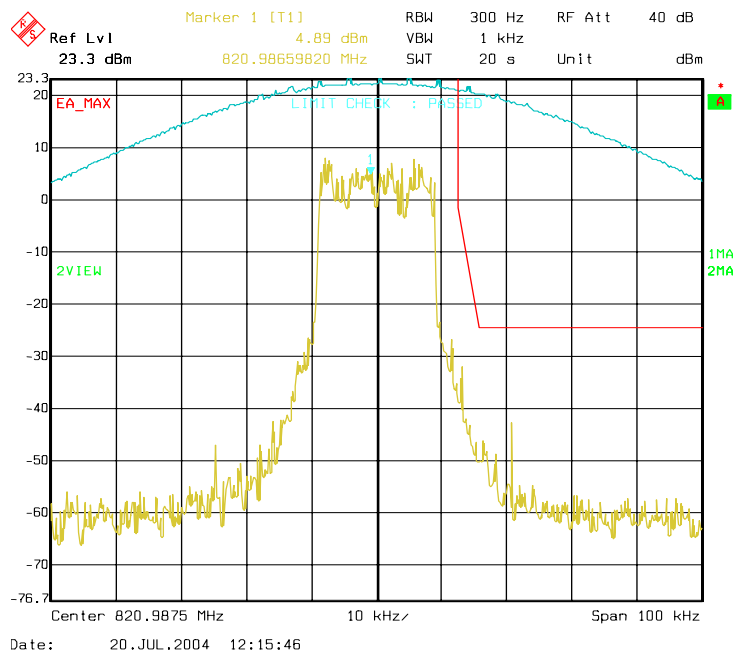
**Figure 6-21: WIDEN25 Quad-QPSK Modulation performance relative to mask 47 CFR 90.691. (MINIMUM POWER SETTING)**



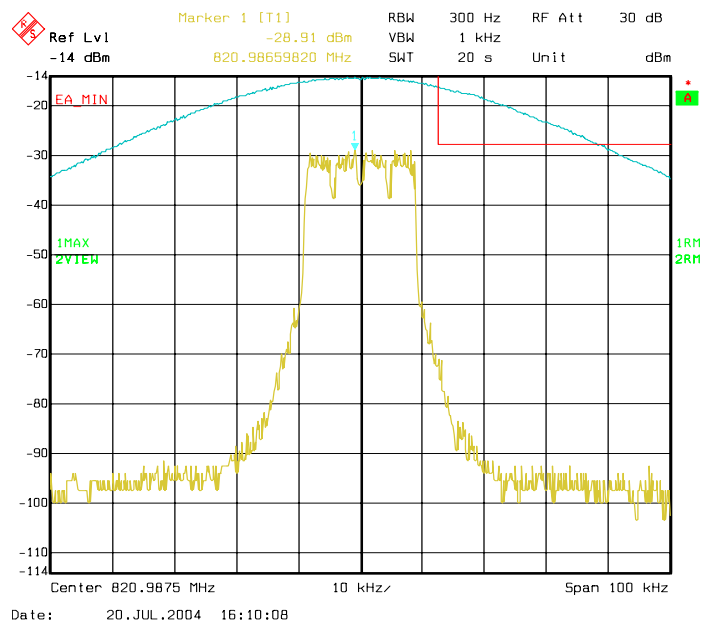
**Figure 6-22: WiDEN25 Quad-16QAM Modulation performance relative to mask 47 CFR 90.210(g) (MAXIMUM POWER SETTING)**



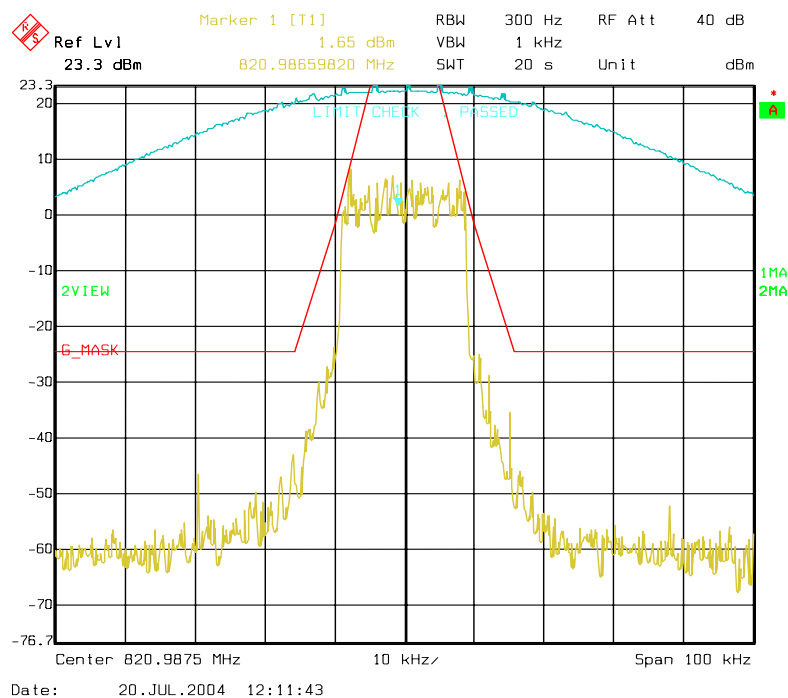
**Figure 6-23: WiDEN25 Quad-16QAM Modulation performance relative to mask 47 CFR 90.210(g) (MAXIMUM POWER SETTING)**



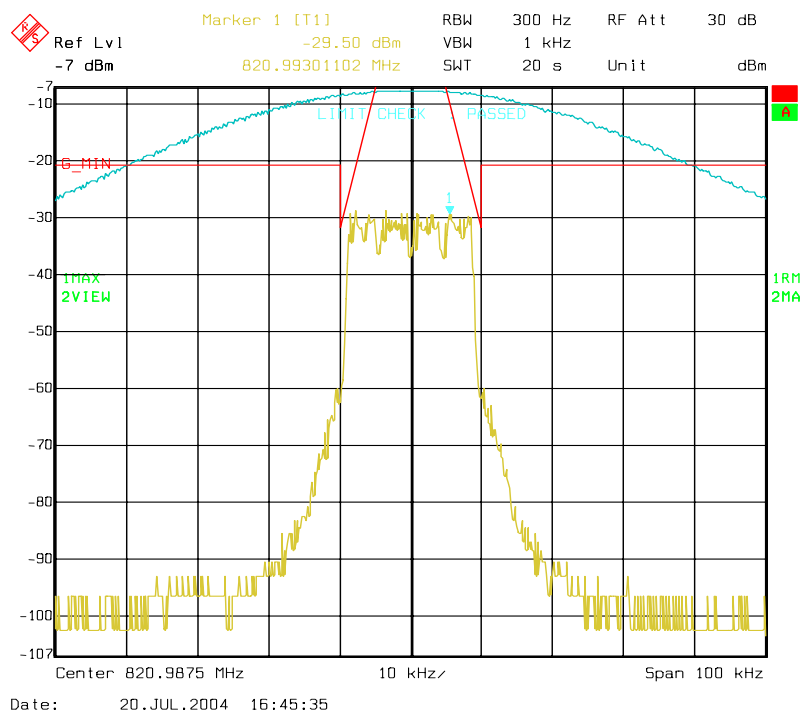
**Figure 6-24: WiDEN25 Quad-16QAM Modulation performance relative to mask 47 CFR 90.691.  
(MAXIMUM POWER SETTING)**



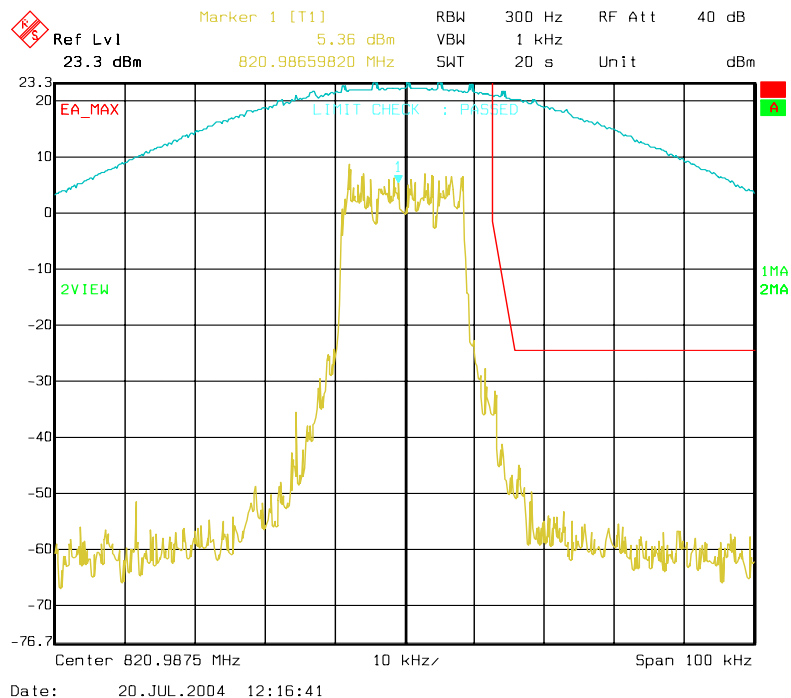
**Figure 6-25: WiDEN25 Quad-16QAM Modulation performance relative to mask 47 CFR 90.691.  
(MINIMUM POWER SETTING)**



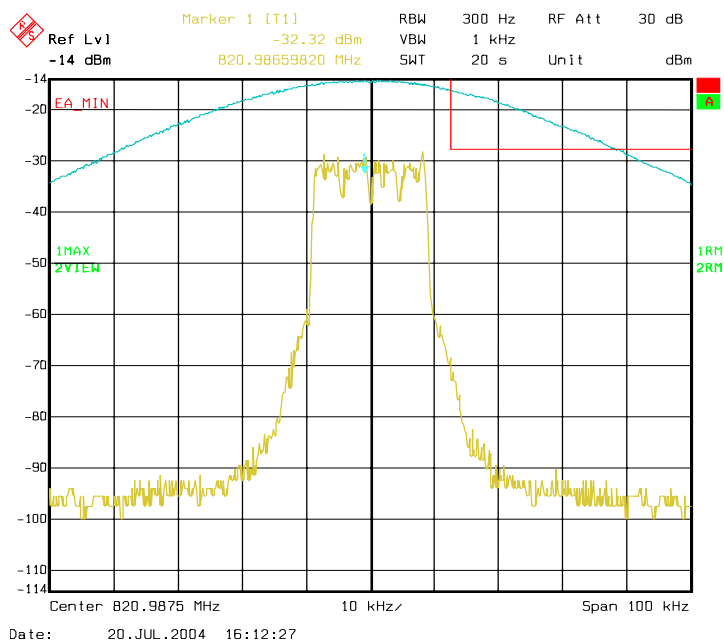
**Figure 6-26: WiDEN25 Quad-64QAM Modulation performance relative to mask 47 CFR 90.210(g) (MAXIMUM POWER SETTING)**



**Figure 6-27: WiDEN25 Quad-64QAM Modulation performance relative to mask 47 CFR 90.210(g) (MINIMUM POWER SETTING)**



**Figure 6-28: WiDEN25 Quad-64QAM Modulation performance relative to mask 47 CFR 90.691. (MAXIMUM POWER SETTING)**

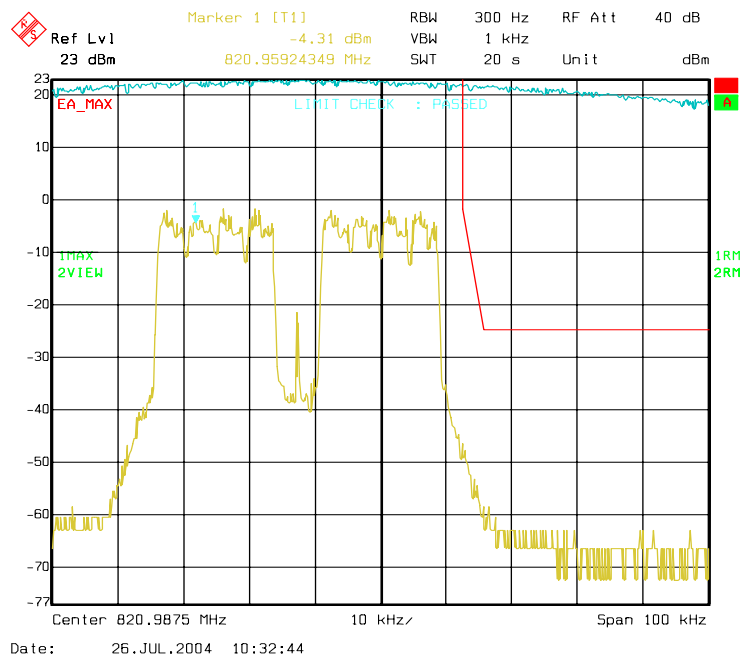


**Figure 6-29: WiDEN 25 Quad-64QAM Modulation performance relative to mask 47 CFR 90.691. (MINIMUM POWER SETTING)**

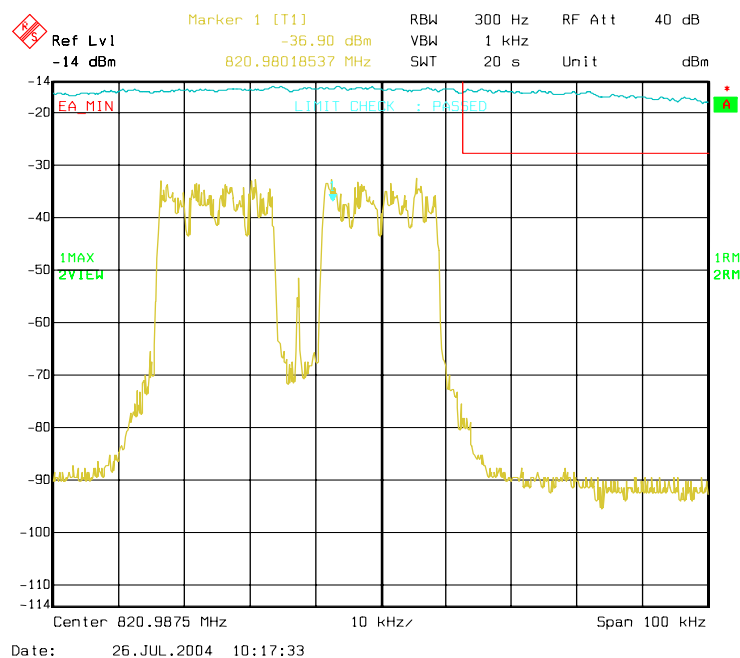
### 6.3.3 800 MHz Band Operation Measured Data – Emission Designator 43K3D7D

#### FCC Limits

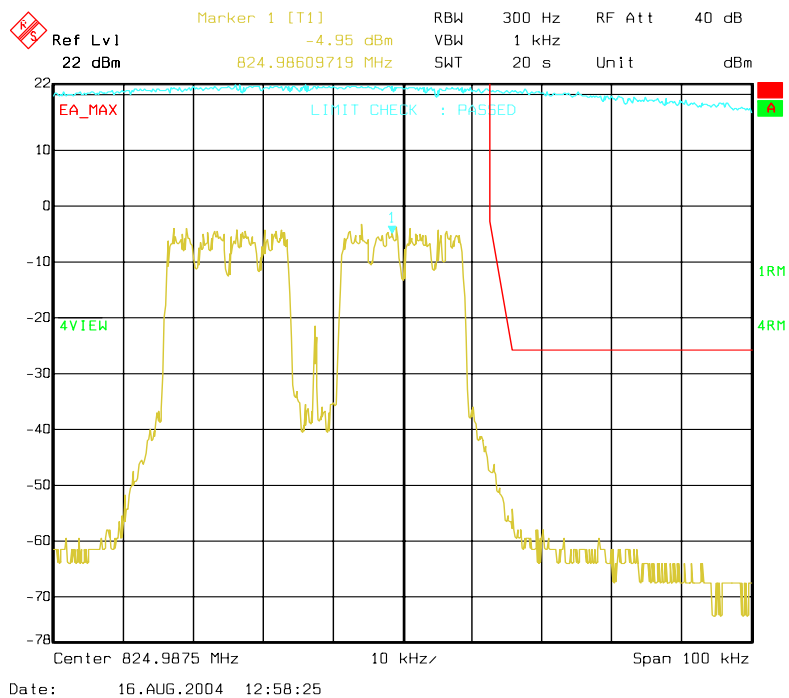
- Per EA SMR Emission Mask, 47 CFR 90.691(a)



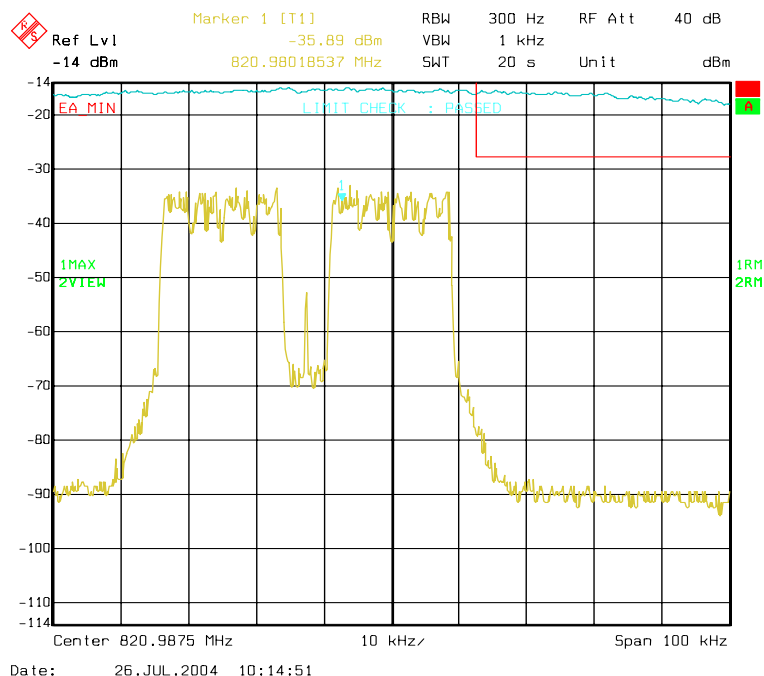
**Figure 6-30: WIDEN50 continuous Quad-QPSK Modulation performance relative to mask 47 CFR 90.691. (MAXIMUM POWER SETTING)**



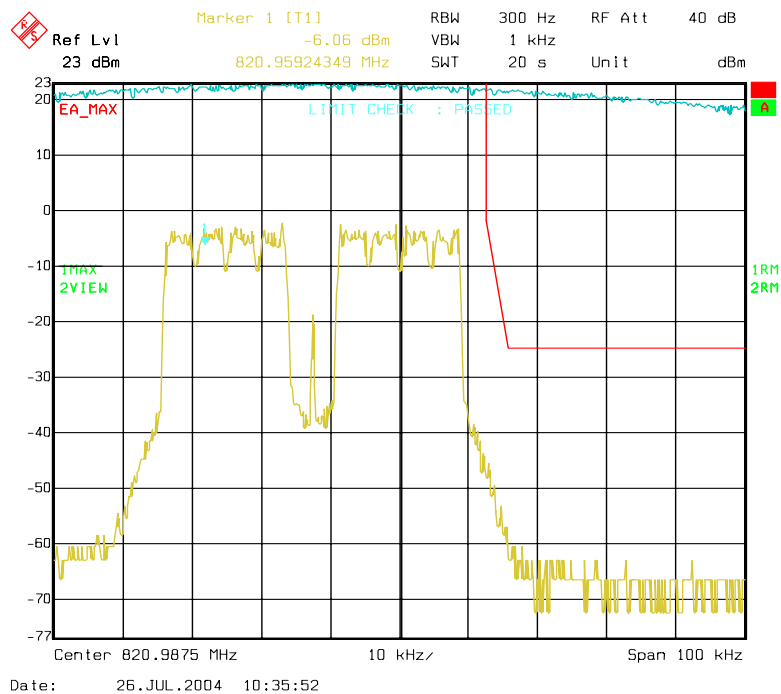
**Figure 6-31: WIDEN50 Continuous Quad-QPSK Modulation performance relative to mask 47 CFR 90.691. (MINIMUM POWER SETTING)**



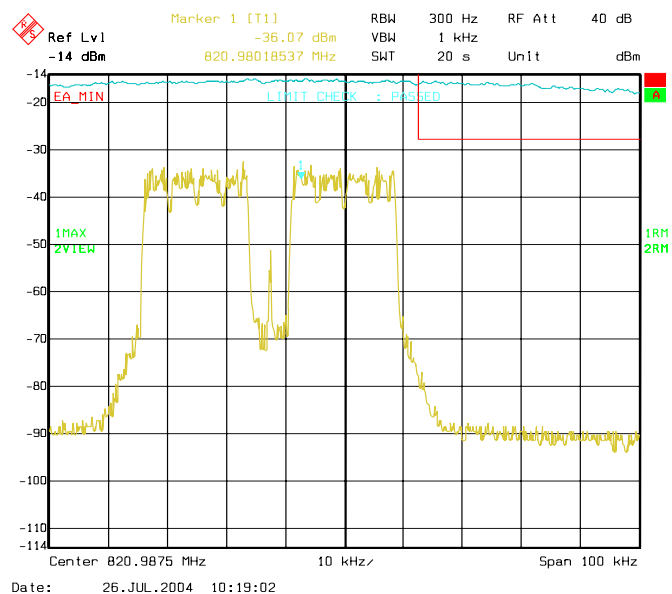
**Figure 6-32: WiDEN50 Continuous Quad-16QAM Modulation performance relative to mask 47 CFR 90.691. (MAXIMUM POWER SETTING)**



**Figure 6-33: WiDEN50 Continuous Quad-16QAM Modulation performance relative to mask 47 CFR 90.691. (MINIMUM POWER SETTING)**



**Figure 6-34: WiDEN50 Continuous Quad-64QAM Modulation performance relative to mask 47 CFR 90.691. (MAXIMUM POWER SETTING)**

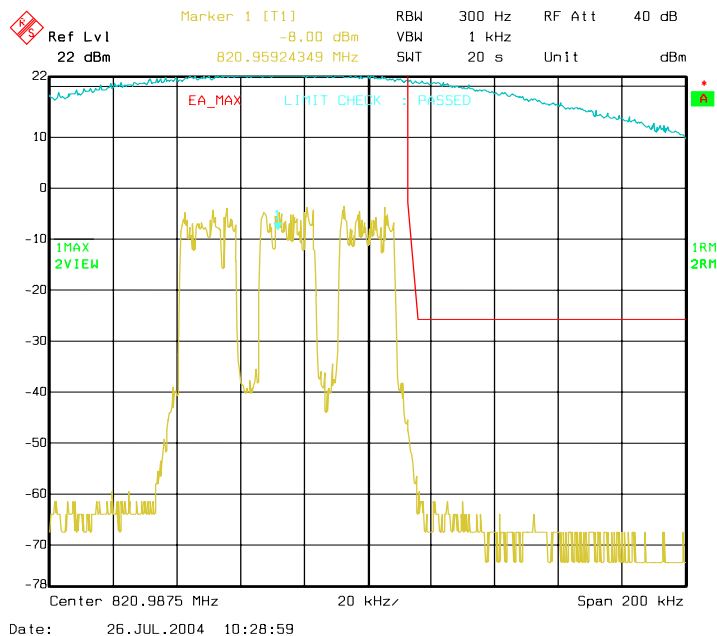


**Figure 6-35: WiDEN 50 Continuous Quad-64QAM Modulation performance relative to mask 47 CFR 90.691. (MINIMUM POWER SETTING)**

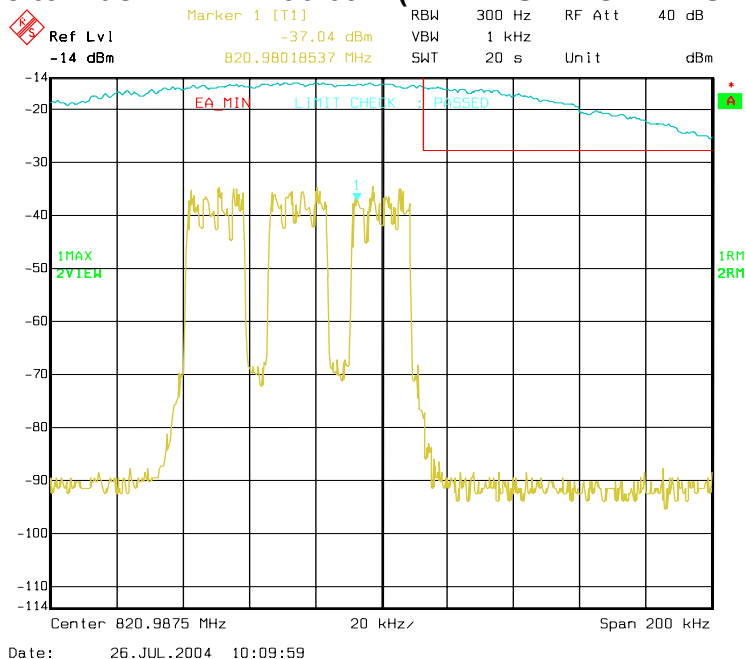
### 6.3.4 800 MHz Band Operation Measured Data – Emission Designator 68K3D7D

#### FCC Limits

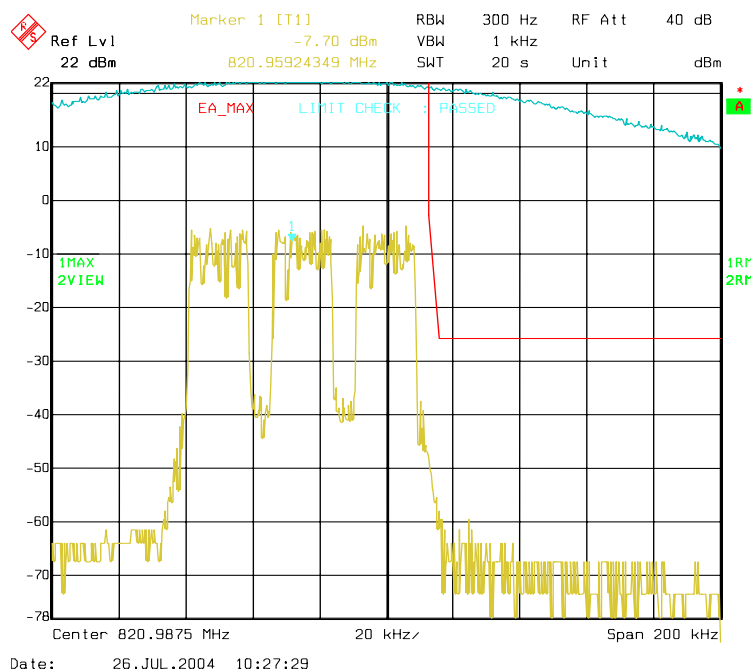
- Per EA SMR Emission Mask, 47 CFR 90.691(a)



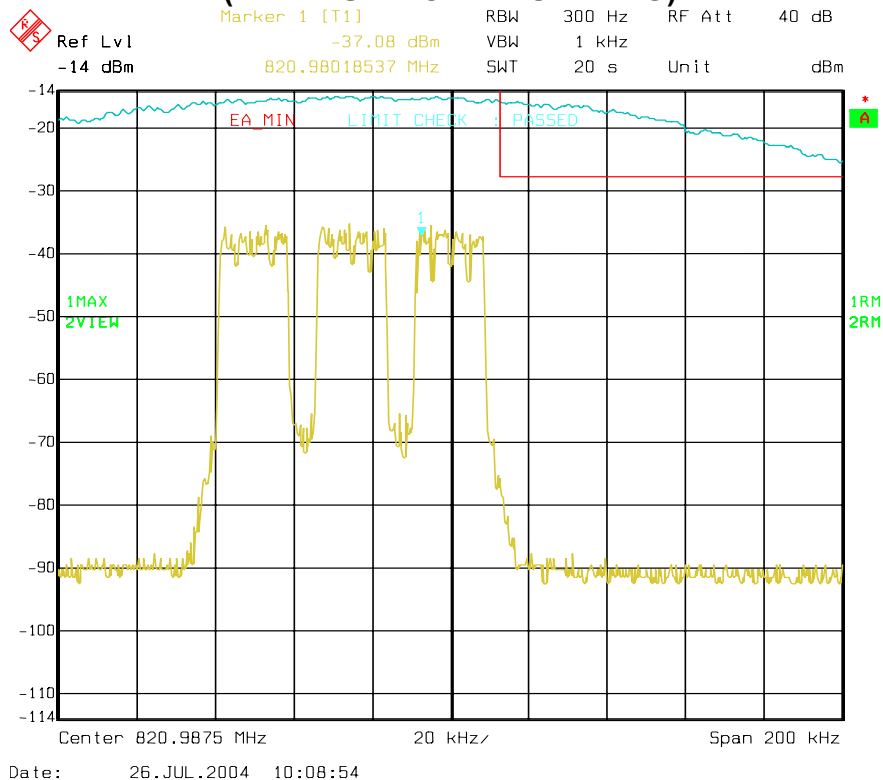
**Figure 6-36: WIDEN75 continuous Quad-QPSK Modulation performance relative to mask 47 CFR 90.691. (MAXIMUM POWER SETTING)**



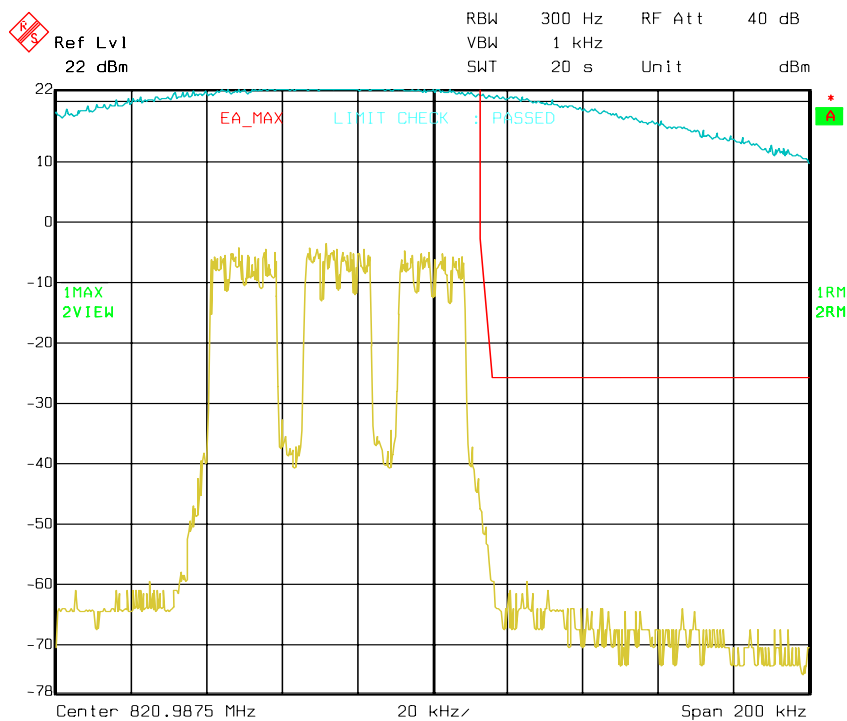
**Figure 6-37: WiDEN75 Continuous Quad-QPSK Modulation performance relative to mask 47 CFR 90.691. (MINIMUM POWER SETTING)**



**Figure 6-38: WiDEN75 Continuous Quad-16QAM Modulation performance relative to mask 47 CFR 90.691. (MAXIMUM POWER SETTING)**

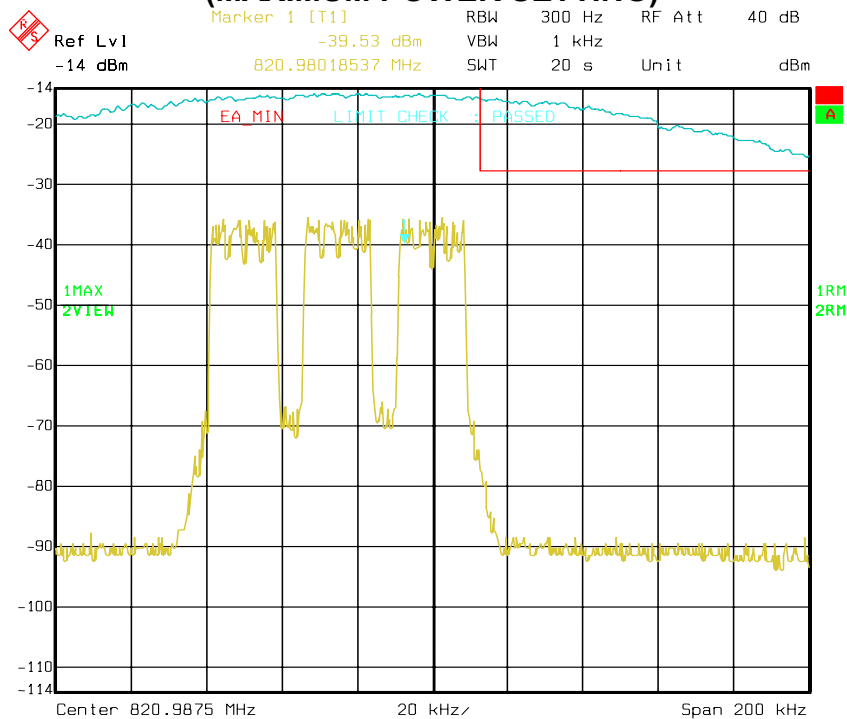


**Figure 6-39: WiDEN75 Continuous Quad-16QAM Modulation performance relative to mask 47 CFR 90.691. (MINIMUM POWER SETTING)**



Date: 26.JUL.2004 10:26:31

**Figure 6-40: WiDEN75 Continuous Quad-64QAM Modulation performance relative to mask 47 CFR 90.691. (MAXIMUM POWER SETTING)**



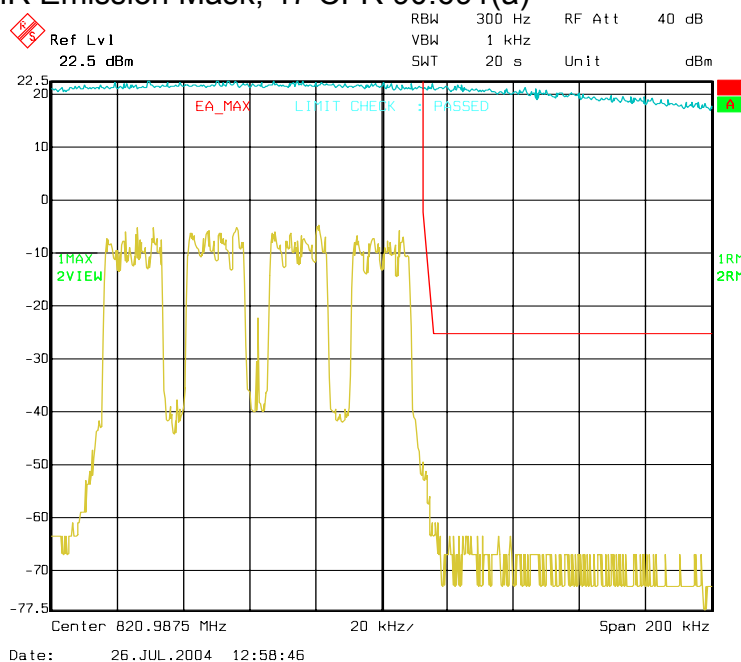
Date: 26.JUL.2004 10:11:34

**Figure 6-41: WiDEN75 Continuous Quad-64QAM Modulation performance relative to mask 47 CFR 90.691.(MINIMUM POWER SETTING)**

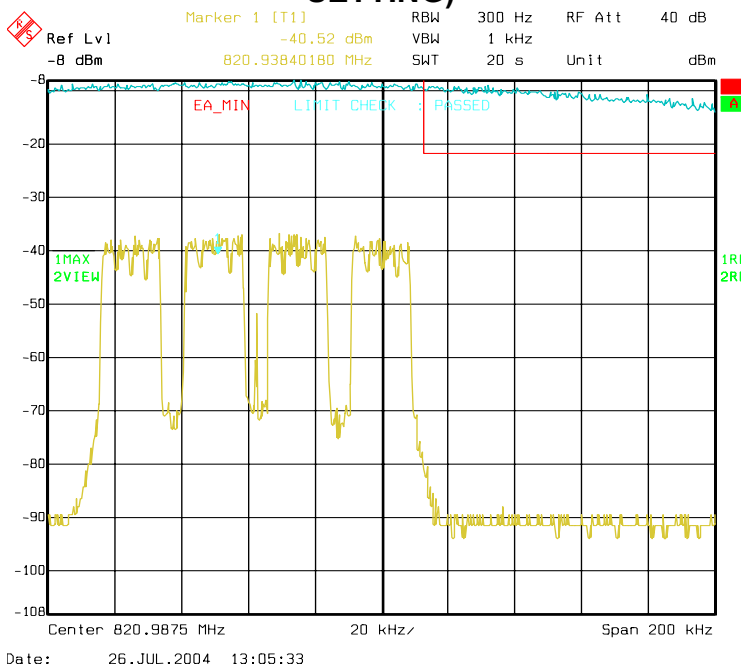
### 6.3.5 800 MHz Band Operation Measured Data – Emission Designator 93K3D7D

#### FCC Limits

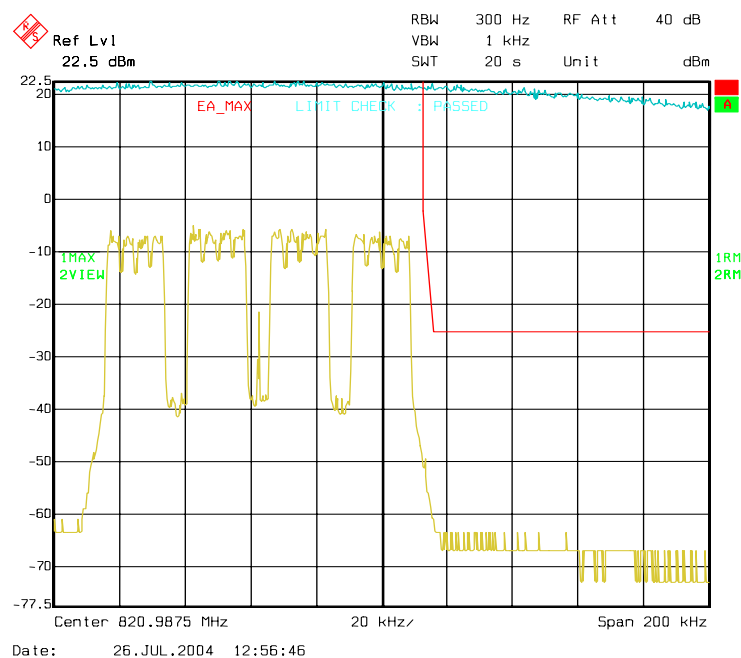
- Per EA SMR Emission Mask, 47 CFR 90.691(a)



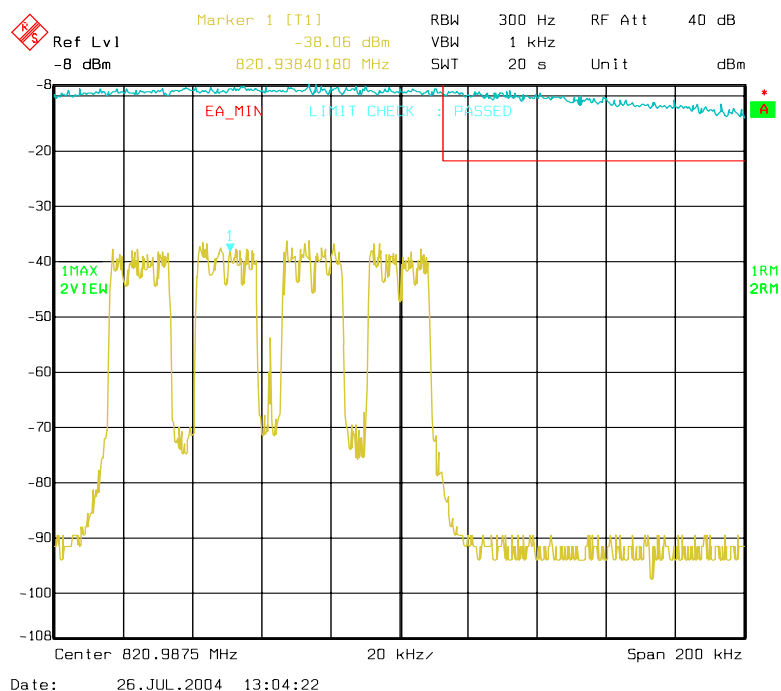
**Figure 6-42: WIDEN100 continuous Quad-QPSK Modulation performance relative to mask 47 CFR 90.691. (MAXIMUM POWER SETTING)**



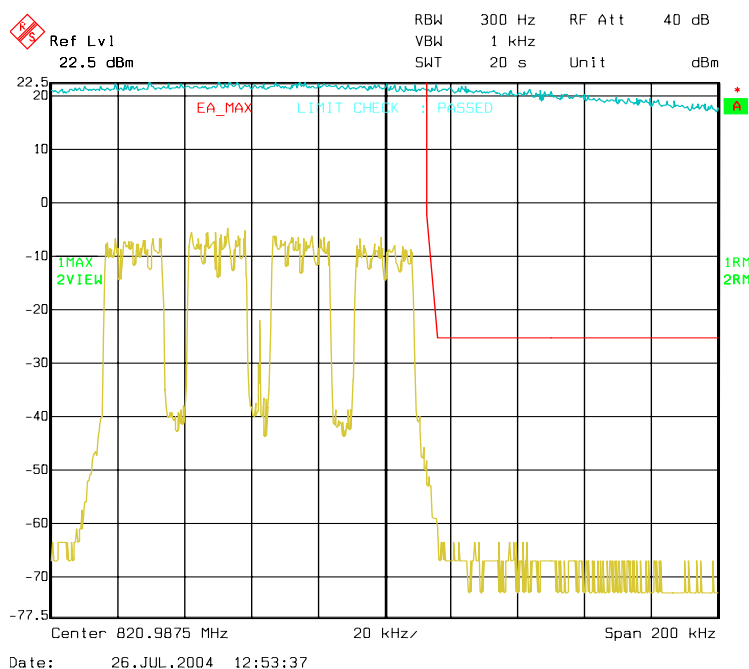
**Figure 6-43: WIDEN100 Continuous Quad-QPSK Modulation performance relative to mask 47 CFR 90.691. (MINIMUM POWER SETTING)**



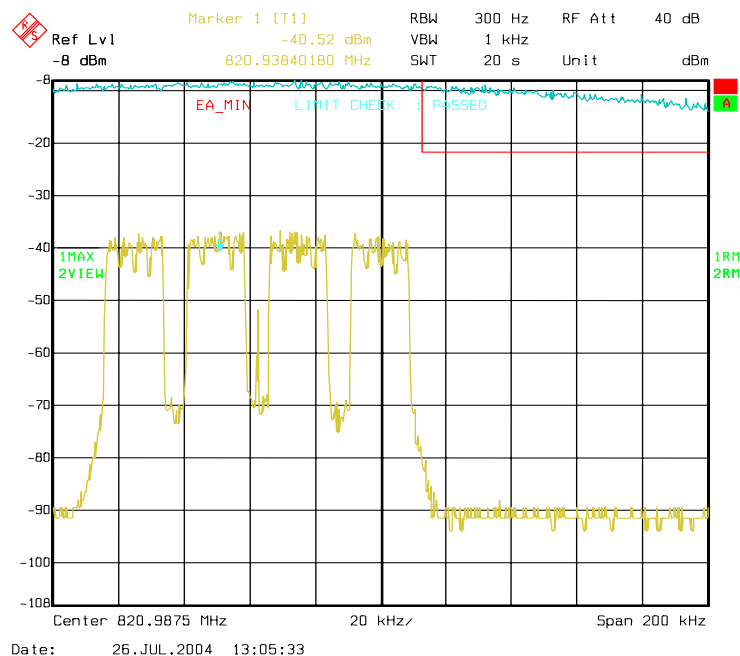
**Figure 6-44: WiDEN100 Continuous Quad-16QAM Modulation performance relative to mask 47 CFR 90.691. (MAXIMUM POWER SETTING)**



**Figure 6-45: WiDEN100 Continuous Quad-16QAM Modulation performance relative to mask 47 CFR 90.691. (MINIMUM POWER SETTING)**



**Figure 6-46: WiDEN100 Continuous Quad-64QAM Modulation performance relative to mask 47 CFR 90.691. (MAXIMUM POWER SETTING)**

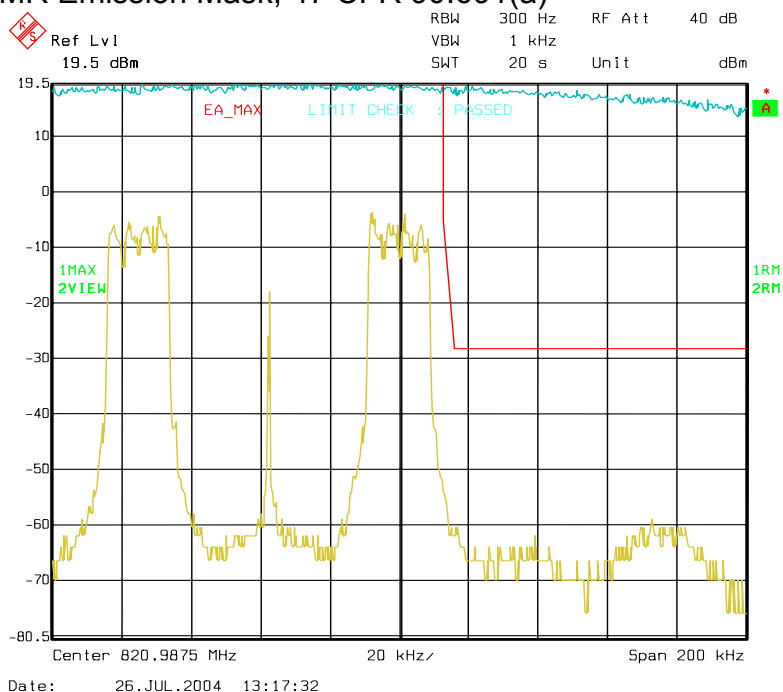


**Figure 6-47: WiDEN 100 Continuous Quad-64QAM Modulation performance relative to mask 47 CFR 90.691. (MINIMUM POWER SETTING)**

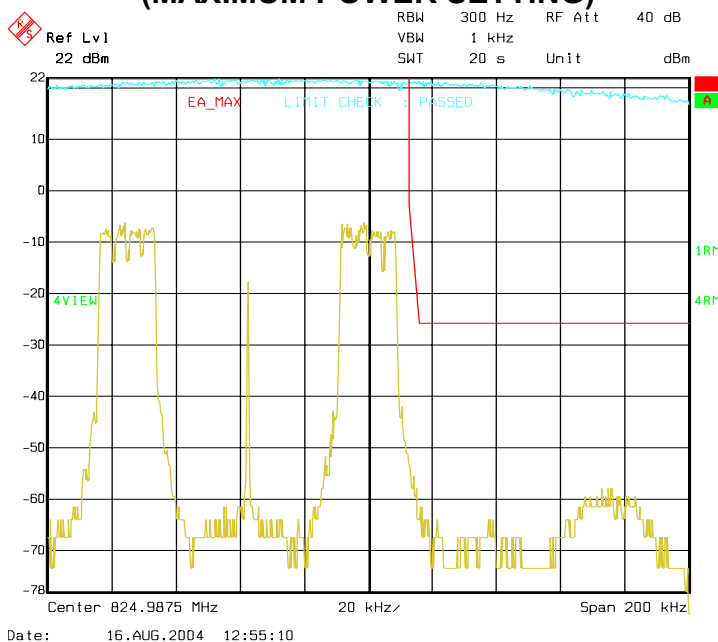
### 6.3.6 800 MHz Band WiDEN50 Split Operation Measured Data

#### FCC Limits

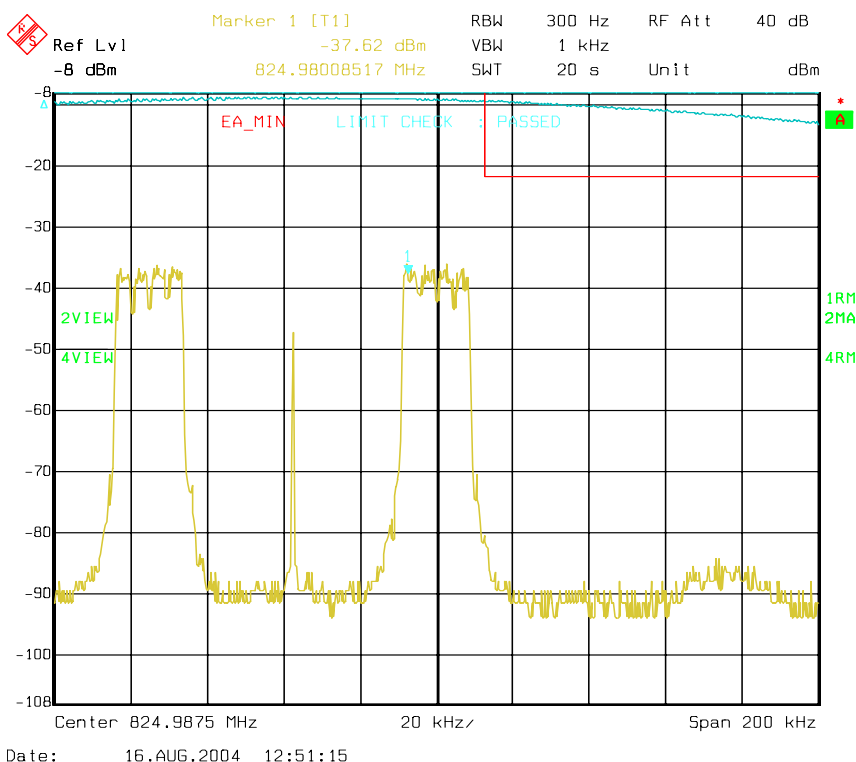
- Per EA SMR Emission Mask, 47 CFR 90.691(a)



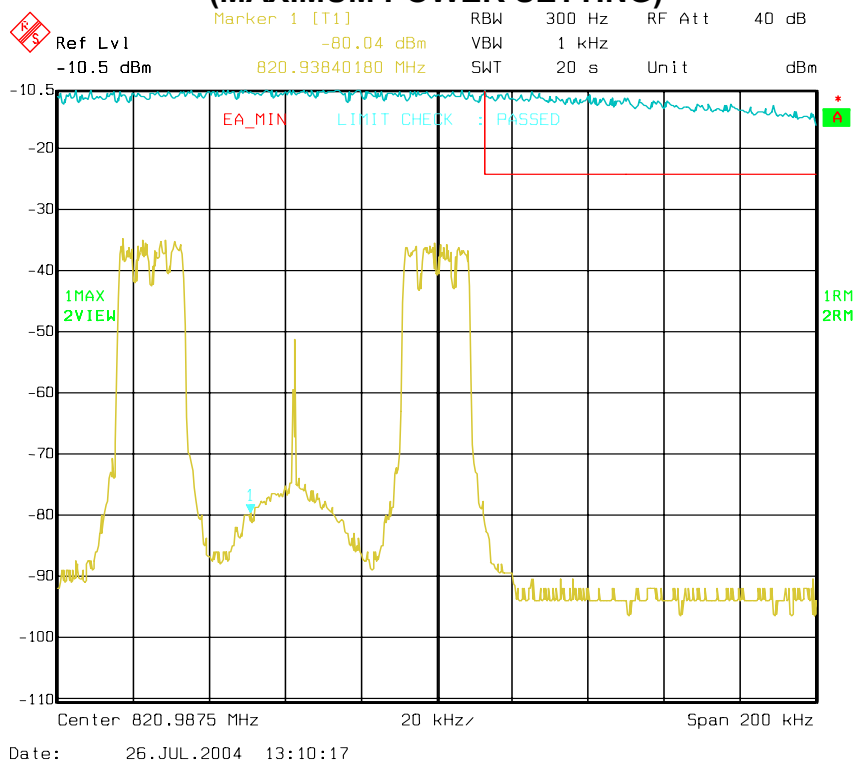
**Figure 6-48: WIDEN50 Split Quad-QPSK Modulation performance relative to mask 47 CFR 90.691. (MAXIMUM POWER SETTING)**



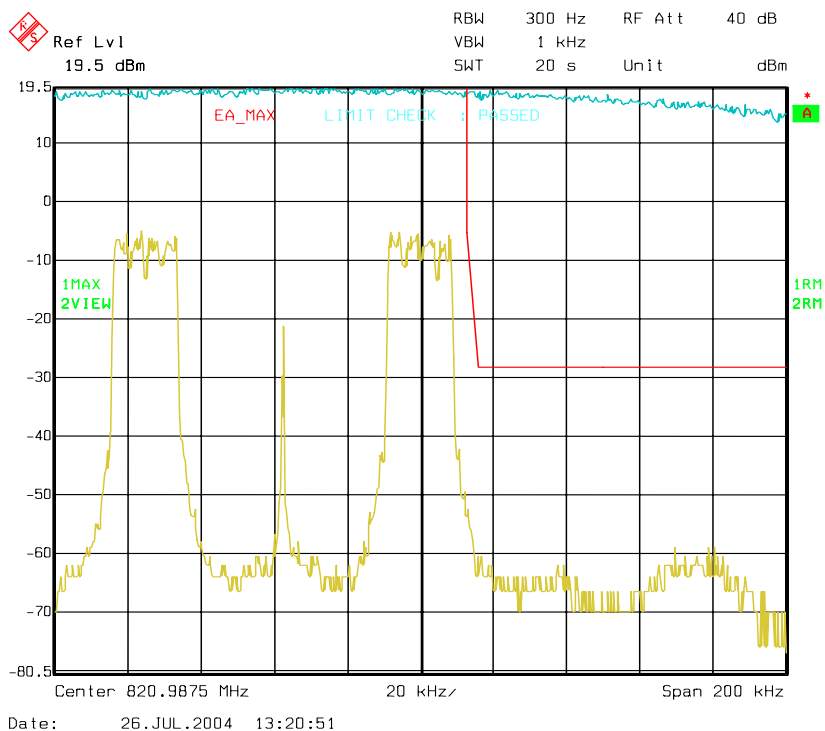
**Figure 6-49: WiDEN50 Split Quad-QPSK Modulation performance relative to mask 47 CFR 90.691. (MINIMUM POWER SETTING)**



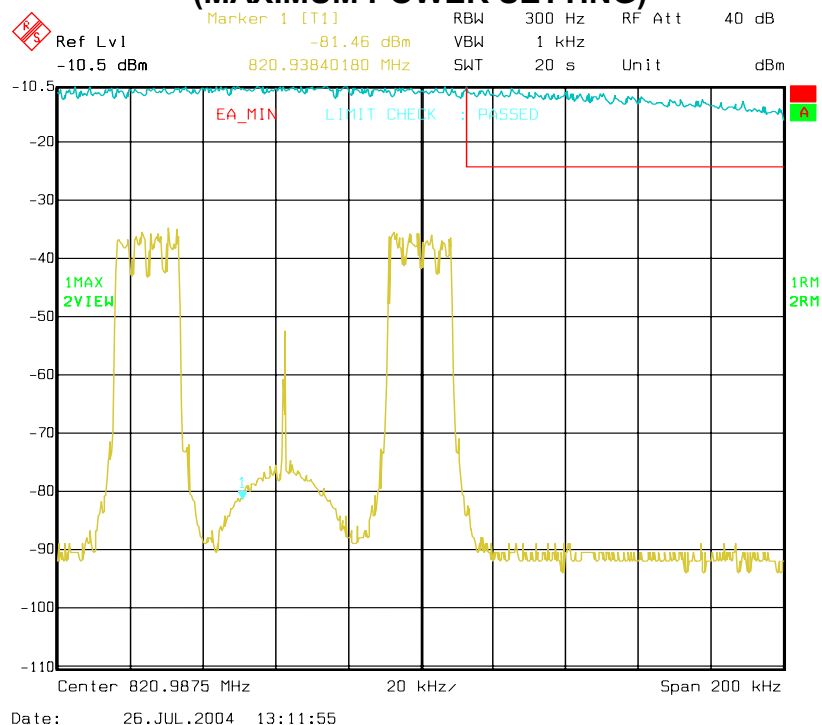
**Figure 6-50: WiDEN50 Split Quad-16QAM Modulation performance relative to mask 47 CFR 90.691. (MAXIMUM POWER SETTING)**



**Figure 6-51: WiDEN50 Split Quad-16QAM Modulation performance relative to mask 47 CFR 90.691. (MINIMUM POWER SETTING)**



**Figure 6-52: WiDEN50 Split Quad-64QAM Modulation performance relative to mask 47 CFR 90.691. (MAXIMUM POWER SETTING)**



**Figure 6-53: WiDEN 50 Split Quad-64QAM Modulation performance relative to mask 47 CFR 90.691. (MINIMUM POWER SETTING)**