6.3.7. 900 MHz Band Operation Measured Data

FCC Limits

- Per 47 CFR 90.669(a)

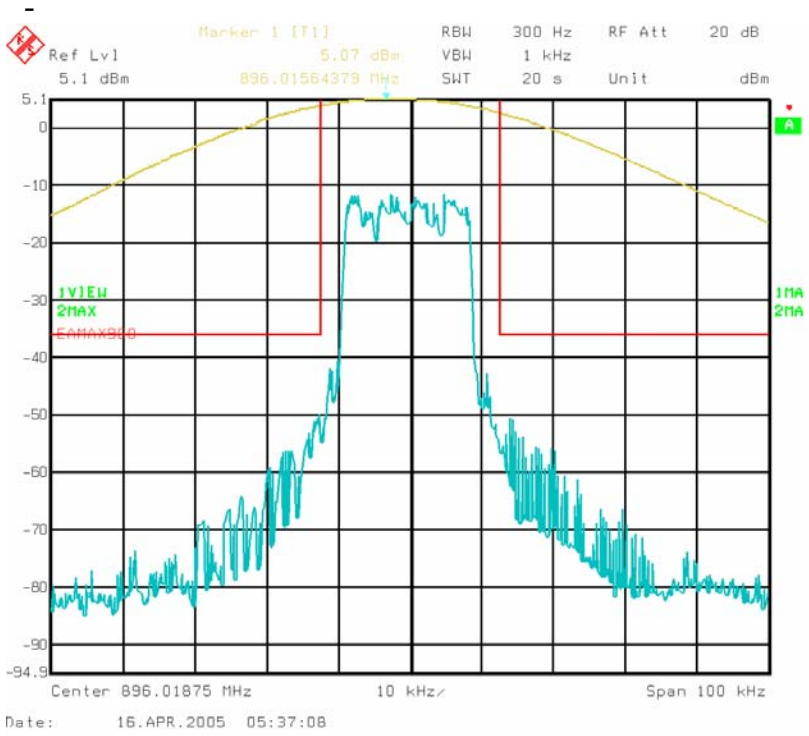

Figure 6-54: iDEN quad-QPSK modulation performance relative to EA-mask 47 CFR 90.669(a) (MAXIMUM POWER SETTING)

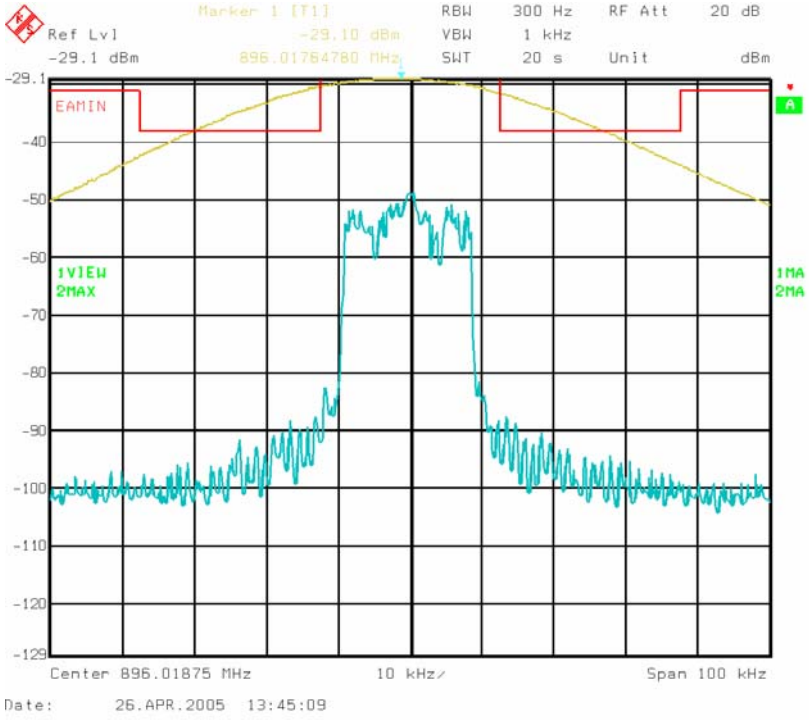

Figure 6-55: iDEN quad-QPSK modulation performance relative to EA-mask 47 CFR 90.669(a)(MINIMUM POWER SETTING)

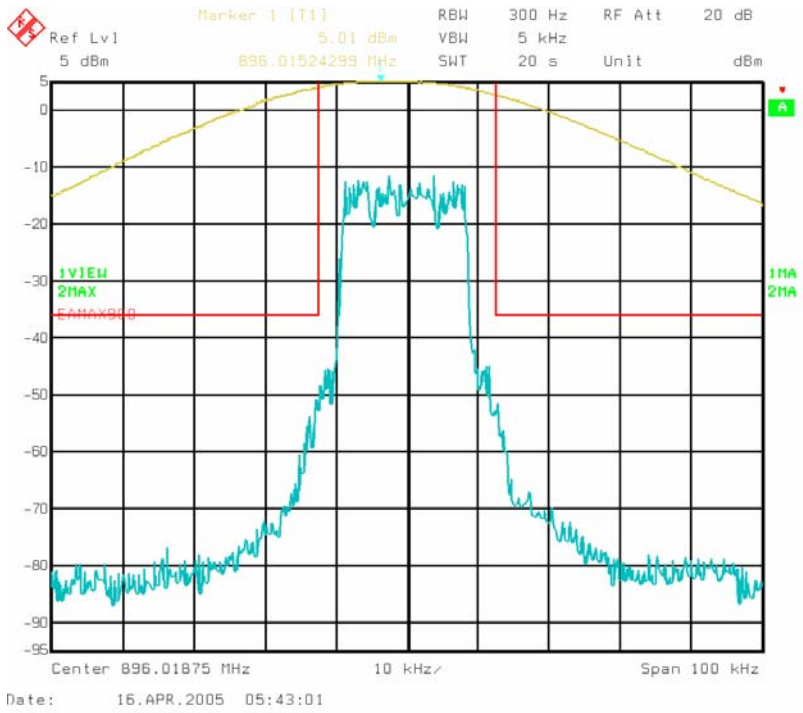

Figure 6-56a: iDEN quad-16QAM modulation performance relative to EA-mask 47 CFR 90.669(a) (MAXIMUM POWER SETTING)

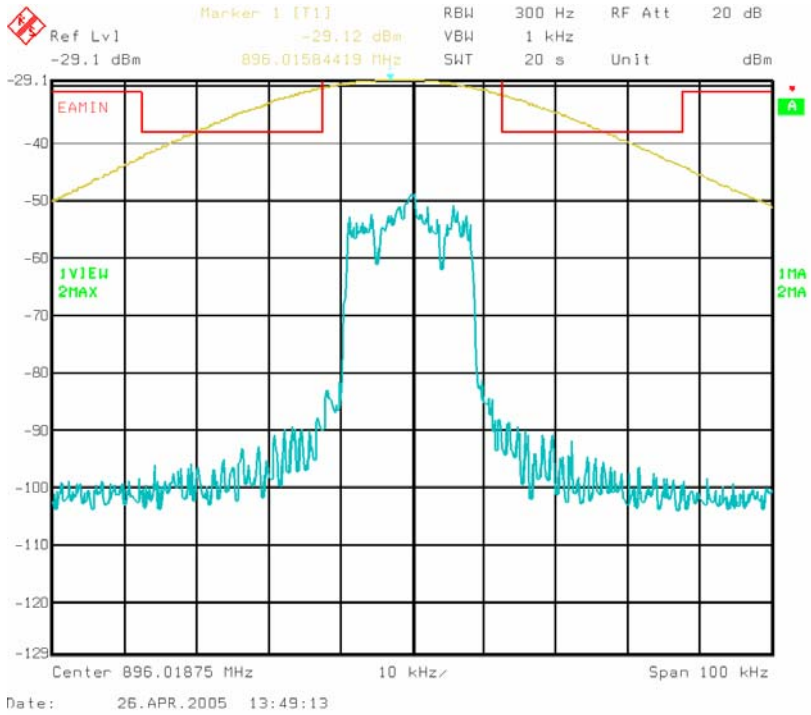

Figure 6-57a: iDEN quad-16QAM modulation performance relative to EA-mask 47 CFR 90.669(a) (MINIMUM POWER SETTING)

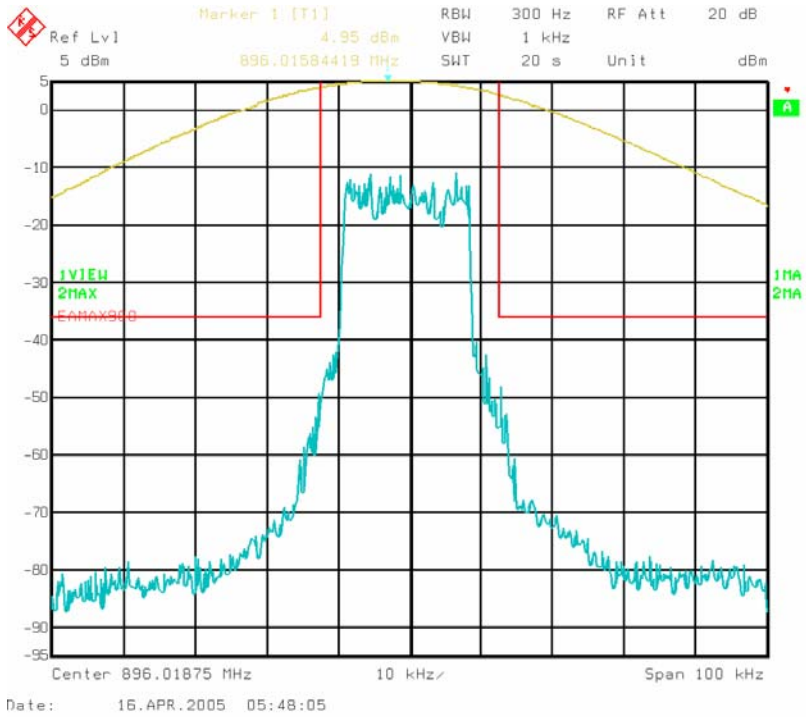

Figure 6-58: iDEN quad-64QAM modulation performance relative to EA-mask 47 CFR 90.669(a) (MAXIMUM POWER SETTING)

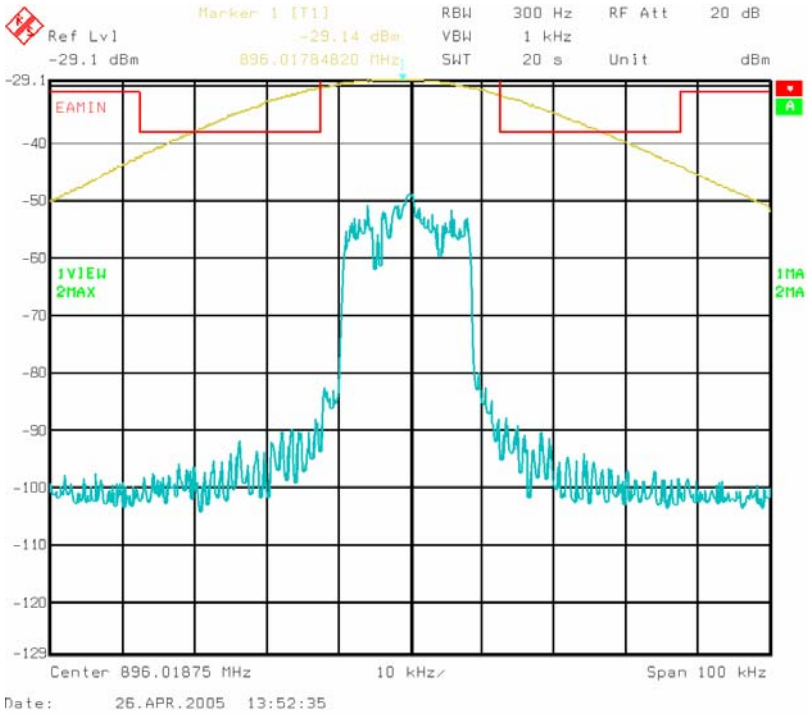

Figure 6-59: iDEN quad-64QAM modulation performance relative to EA-mask 47 CFR 90.669(a) (MINIMUM POWER SETTING)

6.3.8 900 MHz Band WiDEN25 Operation Measured Data

FCC Limits

- Per EA SMR Emission Mask, 47 CFR 90.669(a)

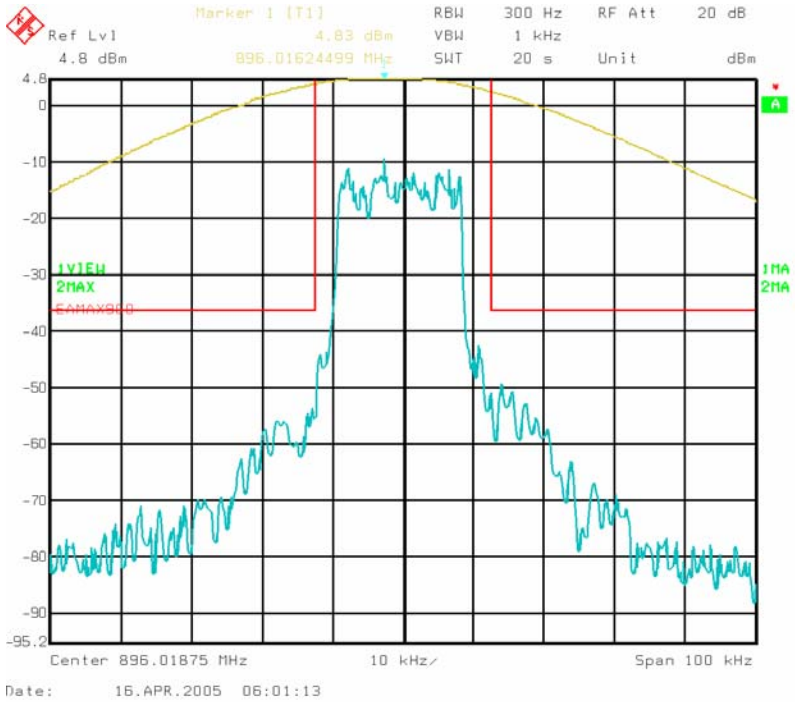

Figure 6-60: WiDEN25 quad-QPSK modulation performance relative to mask 47 CFR 90.669 (MAXIMUM POWER SETTING)

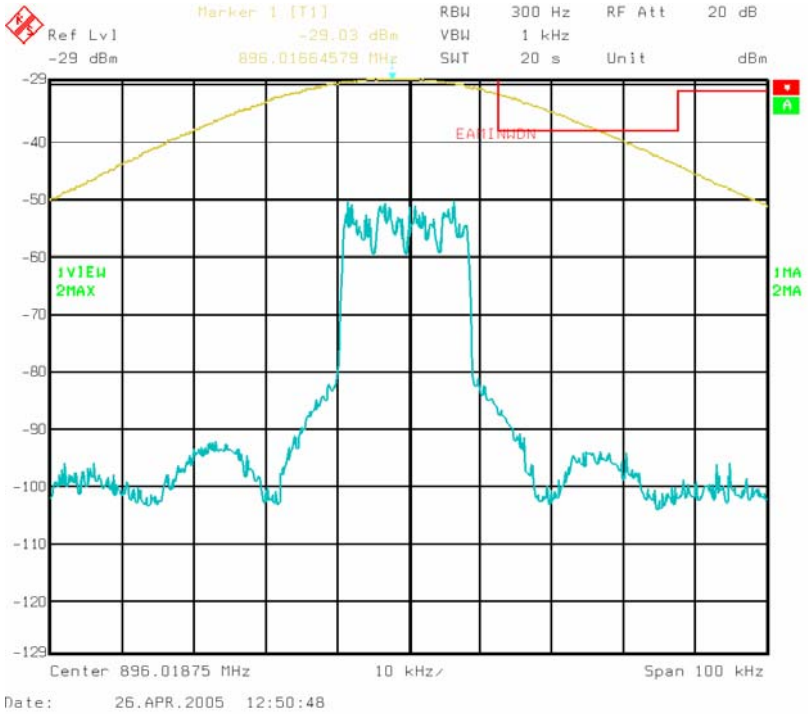

Figure 6-61: WiDEN25 quad-QPSK modulation performance relative to mask 47 CFR 90.669. (MINIMUM POWER SETTING)

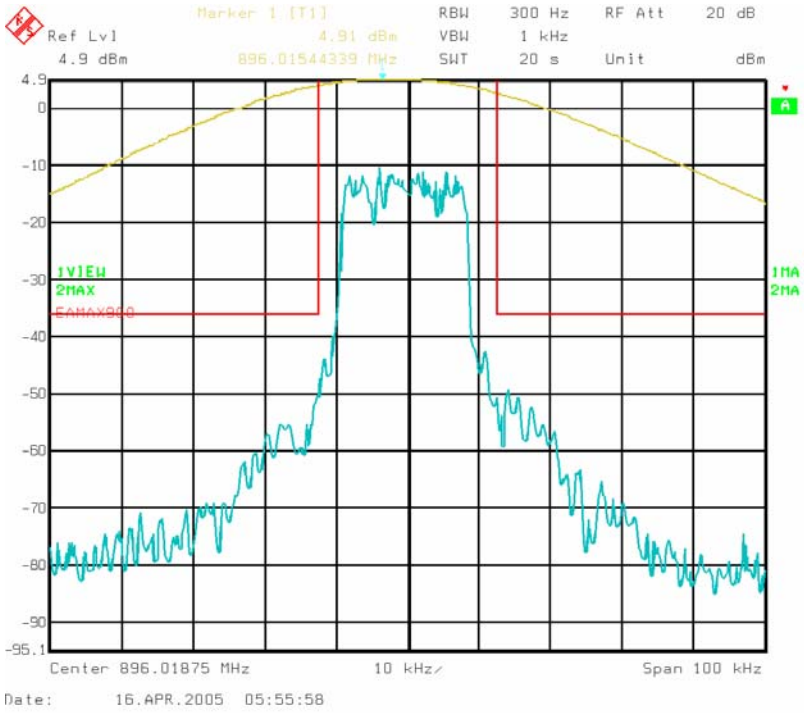

Figure 6-62: WiDEN25 quad-16QAM modulation performance relative to mask 47 CFR 90.669 (MAXIMUM POWER SETTING)

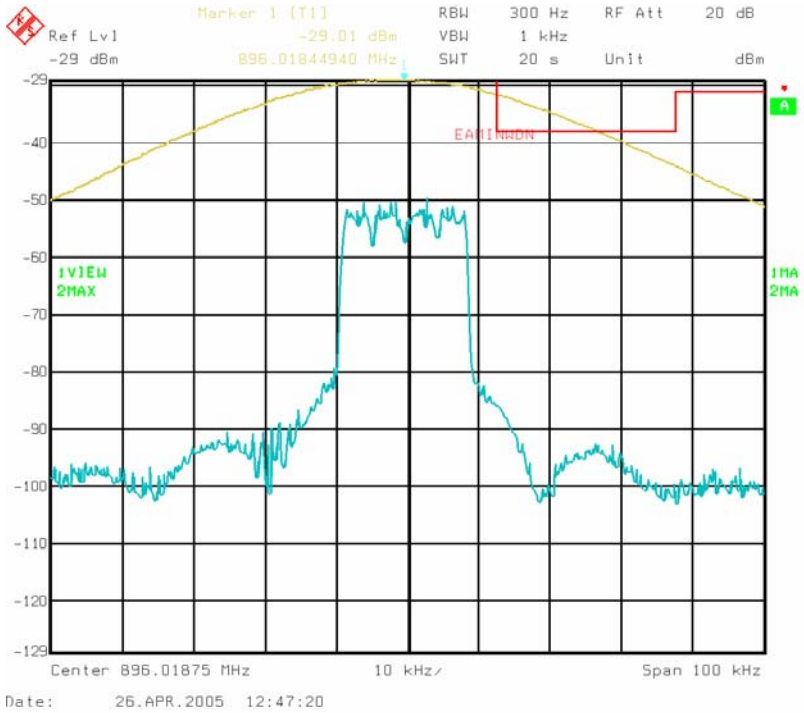

Figure 6-63: WiDEN25 quad-16QAM modulation performance relative to mask 47 CFR 90.669 (MINIMUM POWER SETTING)

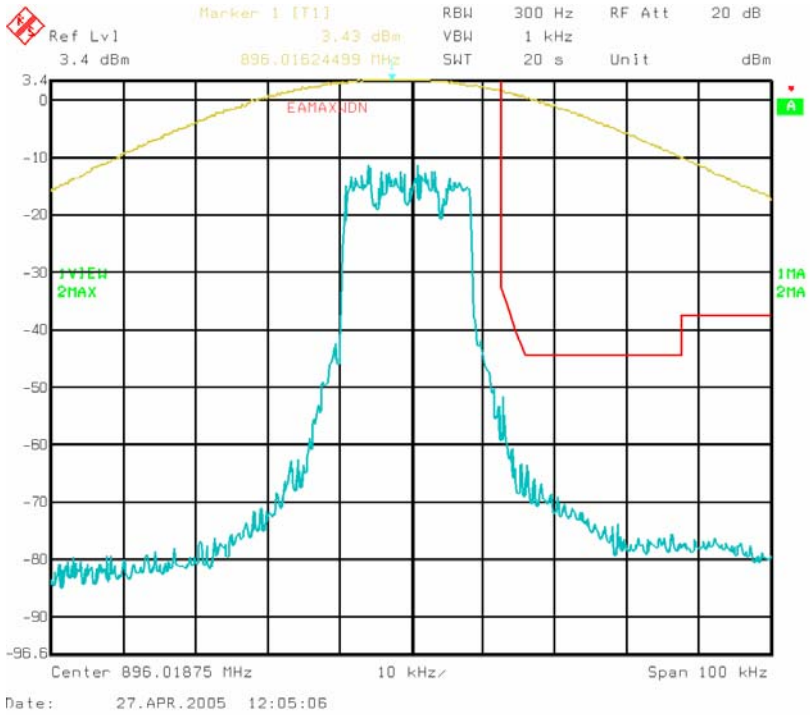

Figure 6-64: WiDEN25 quad-64QAM modulation performance relative to mask 47 CFR 90.669 (MAXIMUM POWER SETTING)

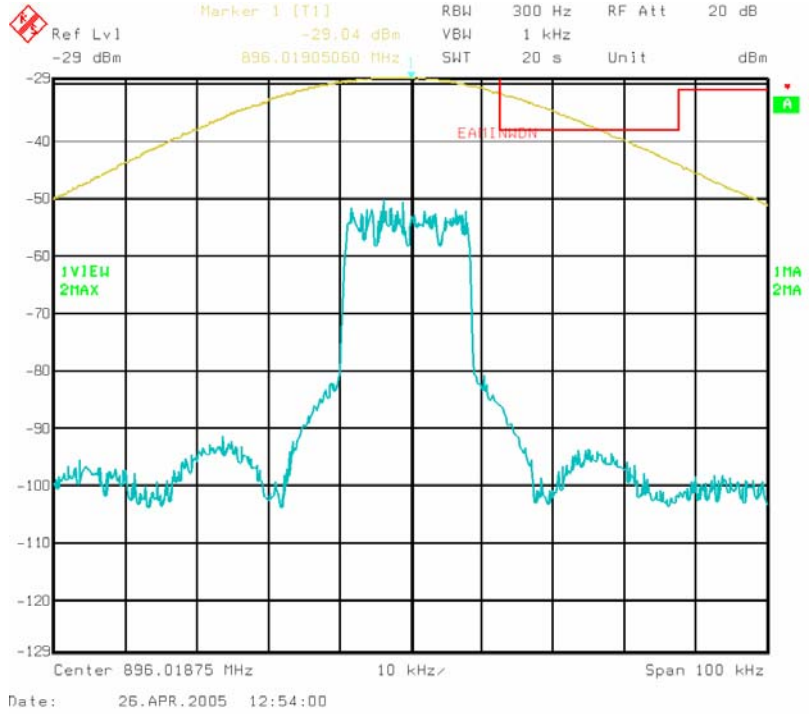

Figure 6-65: WiDEN25 quad-64QAM modulation performance relative to mask 47 CFR 90.669 (MINIMUM POWER SETTING)

6.3.9 900 MHz Band Operation Measured Data – Emission Designator 43K3D7D

FCC Limits

- Per EA SMR Emission Mask, 47 CFR 90.669

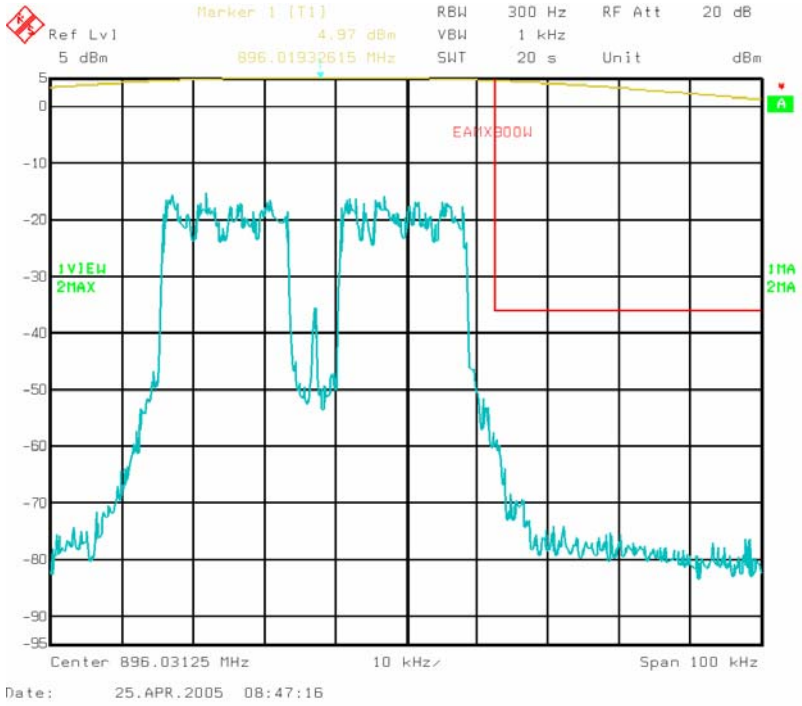

Figure 6-66: WIDEN50 continuous Quad-QPSK modulation performance relative to mask 47 CFR 90.669 (MAXIMUM POWER SETTING)

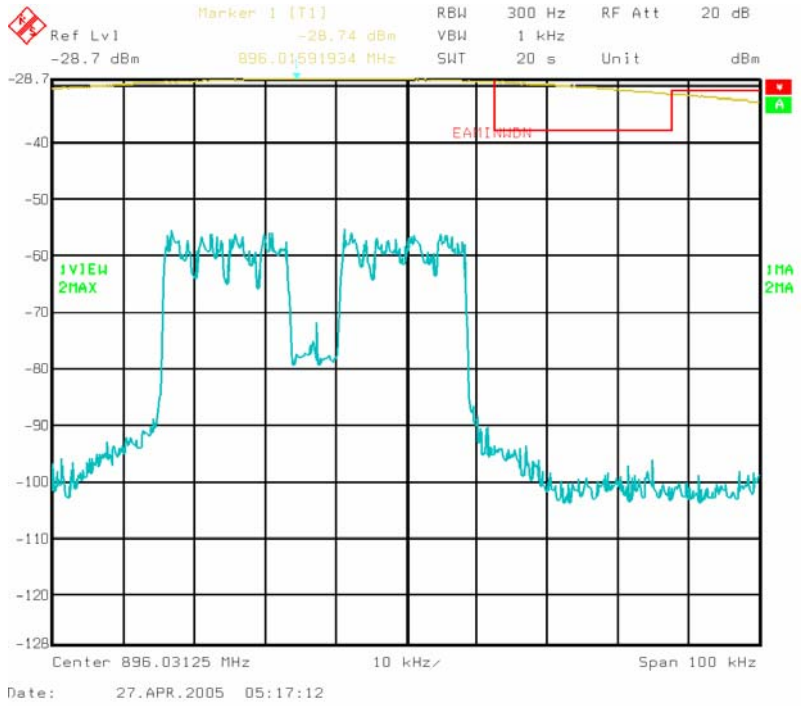

Figure 6-67: WiDEN50 continuous quad-QPSK modulation performance relative to mask 47 CFR 90.669 (MINIMUM POWER

SETTING)

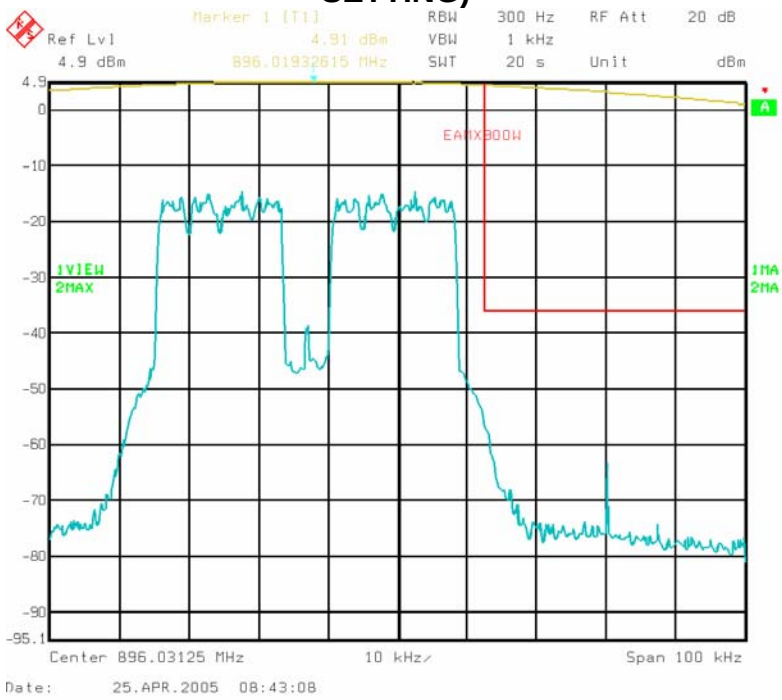

Figure 6-68: WiDEN50 continuous quad-16QAM modulation performance relative to mask 47 CFR 90.669 (MAXIMUM POWER SETTING)

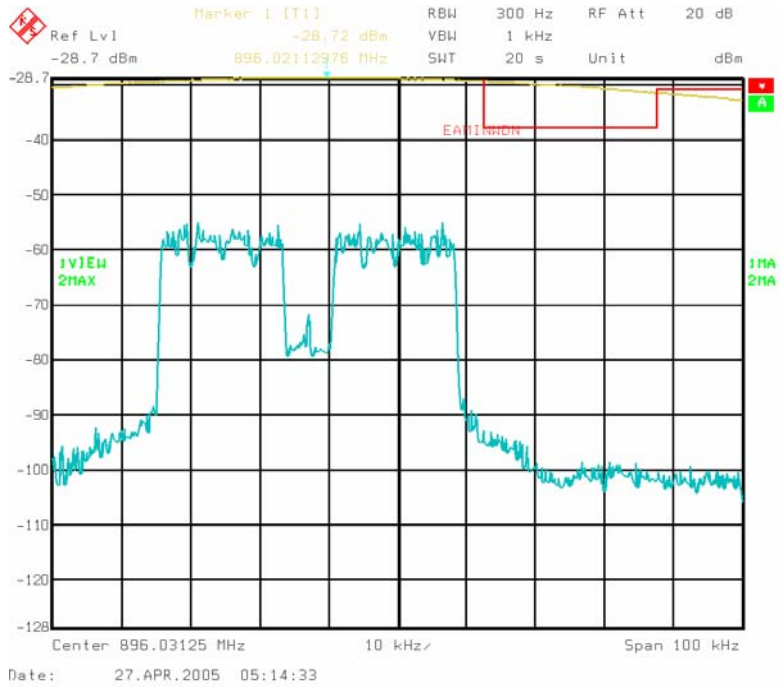

Figure 6-69: WiDEN50 continuous quad-16QAM modulation performance relative to mask 47 CFR 90.669 (MINIMUM POWER

SETTING)

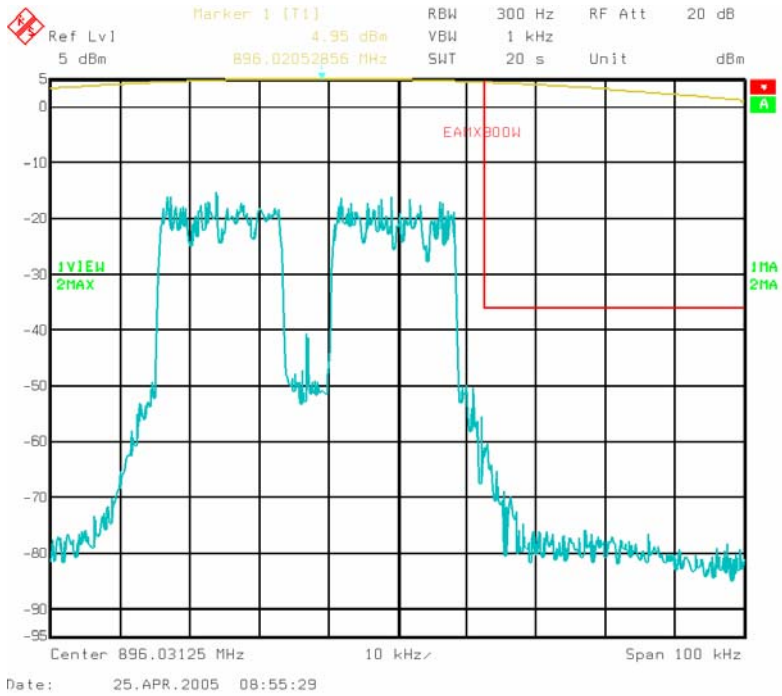

Figure 6-70: WiDEN50 continuous quad-64QAM modulation performance relative to mask 47 CFR 90.669 (MAXIMUM POWER SETTING)

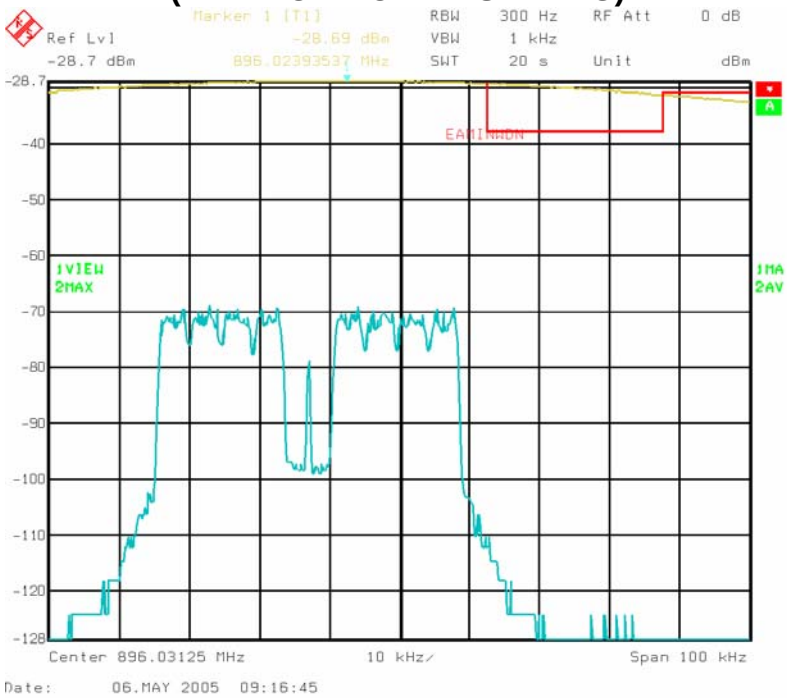

Figure 6-71: WiDEN50 continuous quad-64QAM modulation performance relative to mask 47 CFR 90.669

(MINIMUM POWER SETTING)

6.3.9 900 MHz Band Operation Measured Data – Emission Designator 68K3D7D

FCC Limits

- Per EA SMR Emission Mask, 47 CFR 90.669(a)

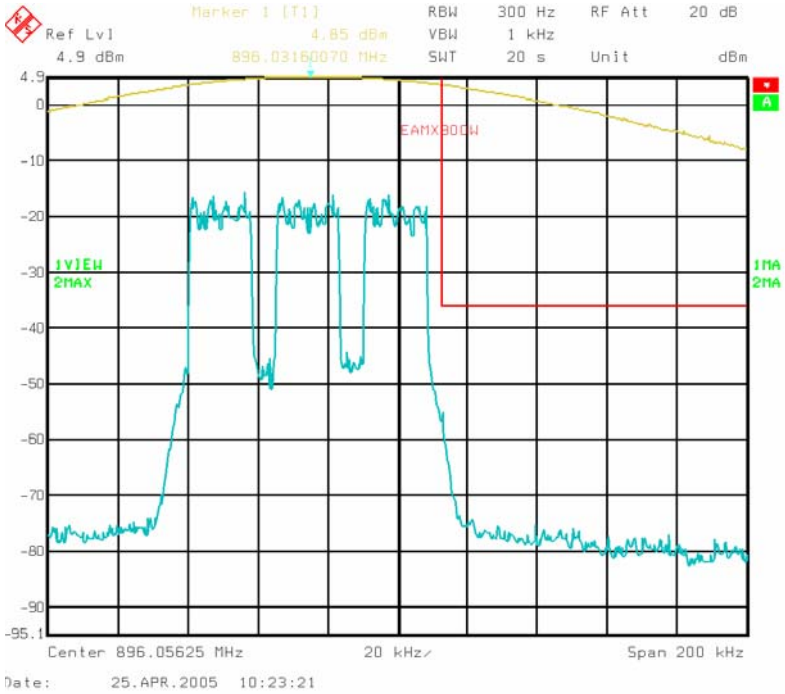

Figure 6-72: WIDEN75 continuous quad-QPSK modulation performance relative to mask 47 CFR 90.669 (MAXIMUM POWER SETTING)

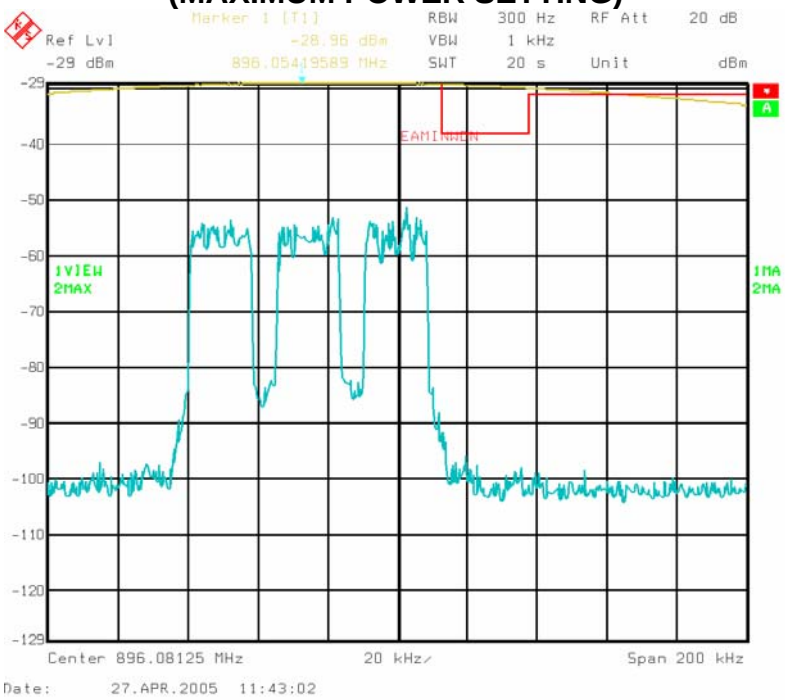

Figure 6-73: WiDEN75 continuous quad-QPSK modulation performance relative to mask 47 CFR 90.669 (MINIMUM POWER SETTING)

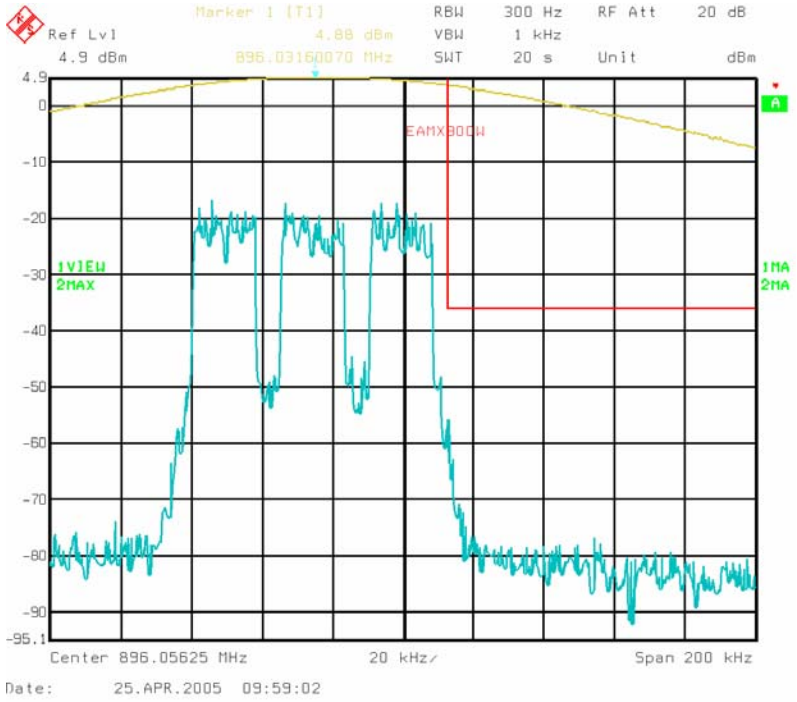

Figure 6-74: WiDEN75 continuous quad-16QAM modulation performance relative to mask 47 CFR 90.669 (MAXIMUM POWER SETTING)

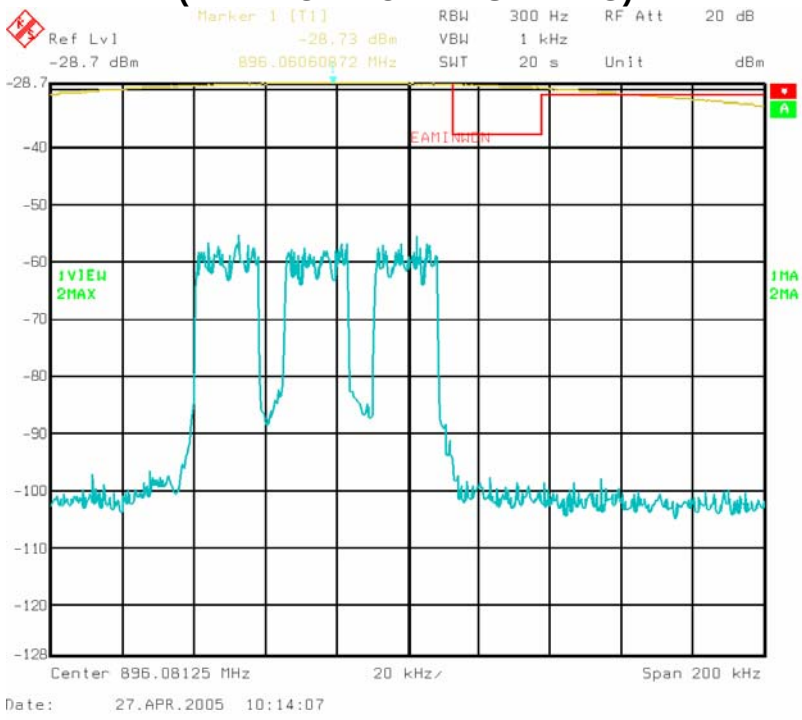

Figure 6-75: WiDEN75 continuous quad-16QAM modulation performance relative to mask 47 CFR 90.669 (MINIMUM POWER SETTING)

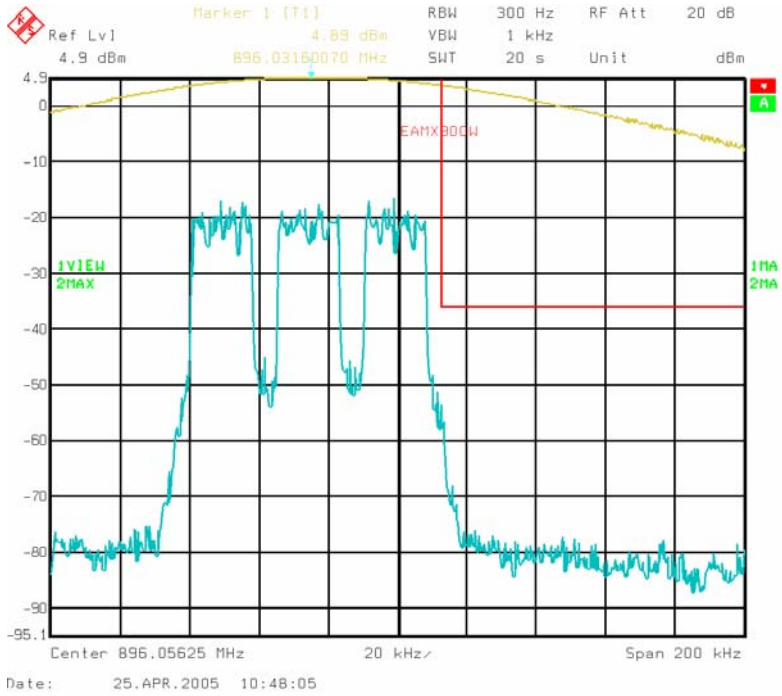

Figure 6-76: WiDEN75 continuous quad-64QAM modulation performance relative to mask 47 CFR 90.669 (MAXIMUM POWER SETTING)

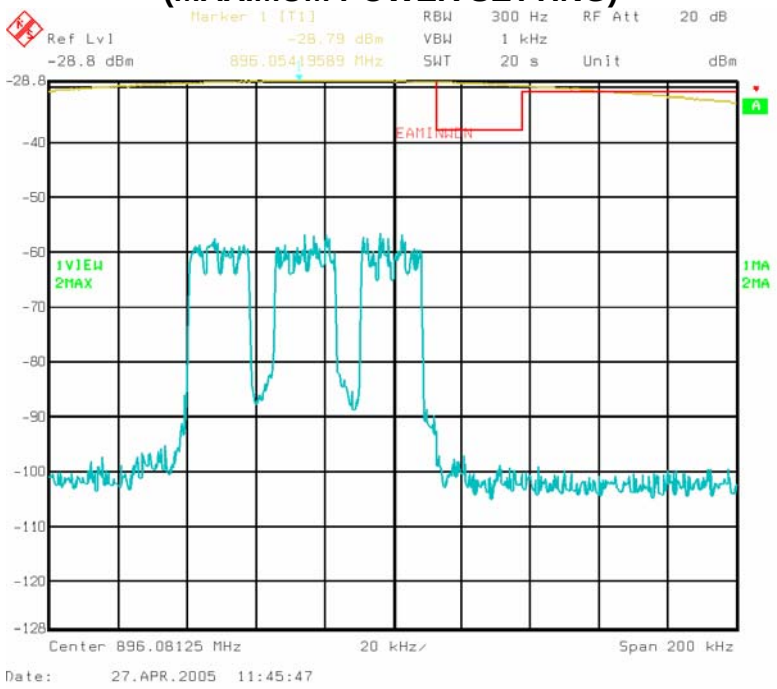

Figure 6-77: WiDEN75 continuous quad-64QAM modulation performance relative to mask 47 CFR 90.669 (MINIMUM POWER SETTING)

6.3.10 900 MHz Band Operation Measured Data – Emission Designator 93K3D7D

FCC Limits

- Per EA SMR Emission Mask, 47 CFR 90.669(a)

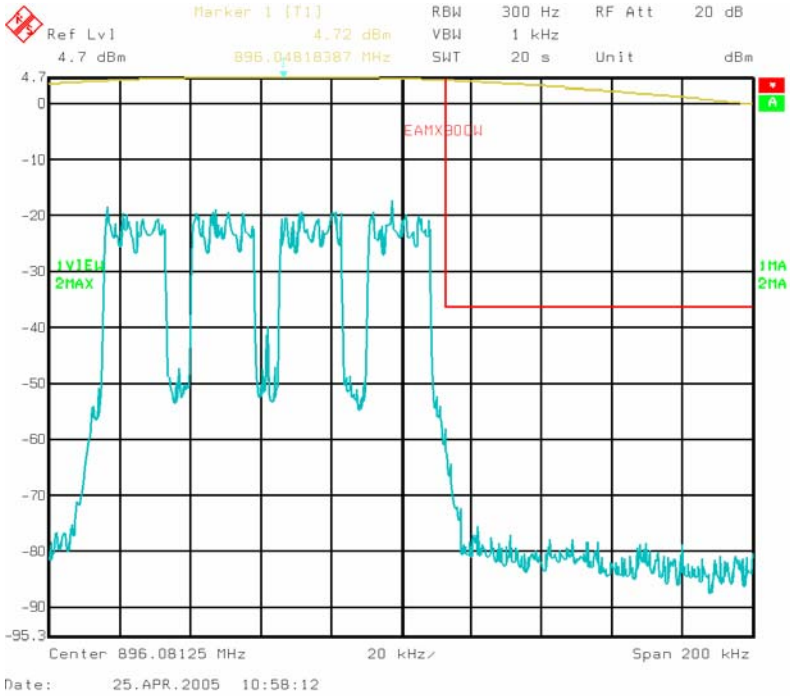

Figure 6-78: WIDEN100 continuous quad-QPSK Modulation performance relative to mask 47 CFR 90.669 (MAXIMUM POWER SETTING)

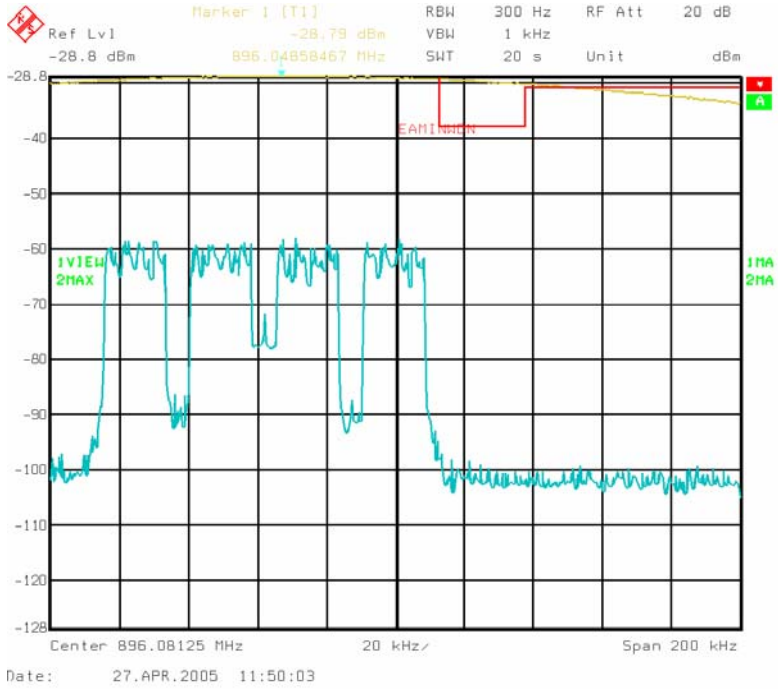

Figure 6-79: WiDEN100 continuous quad-QPSK modulation performance relative to mask 47 CFR 90.669 (MINIMUM POWER SETTING)

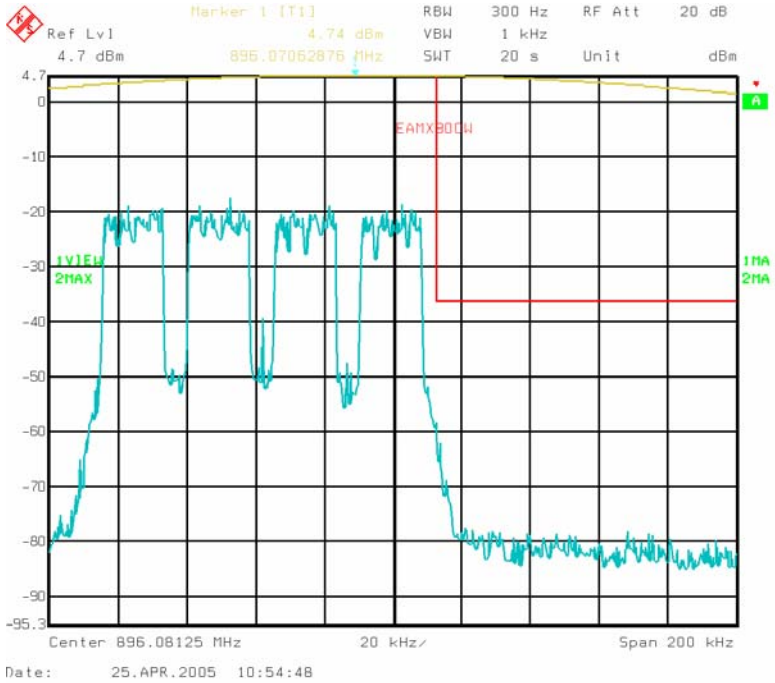

Figure 6-80: WiDEN100 continuous quad-16QAM modulation performance relative to mask 47 CFR 90.669 (MAXIMUM POWER SETTING)

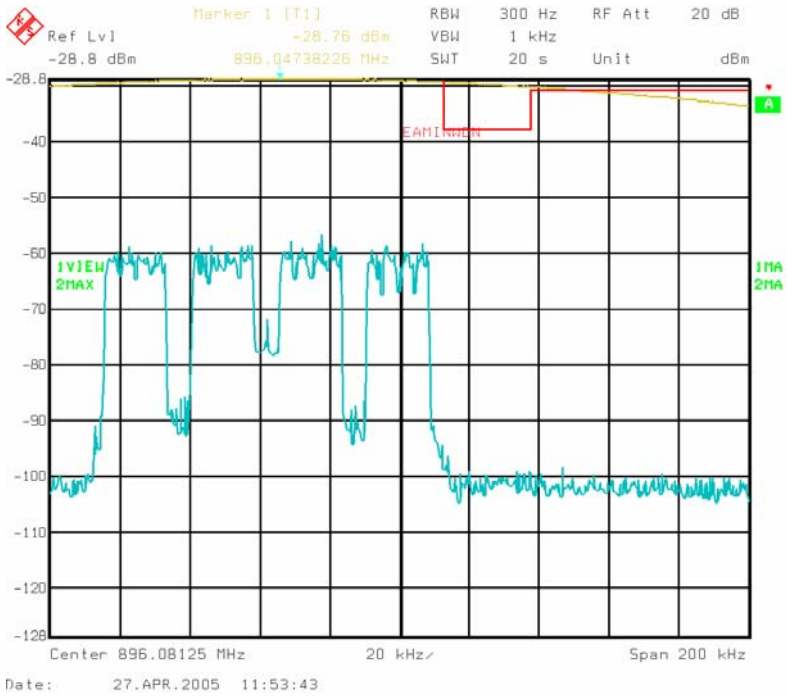

Figure 6-81: WiDEN100 continuous quad-16QAM modulation performance relative to mask 47 CFR 90.669 (MINIMUM POWER SETTING)

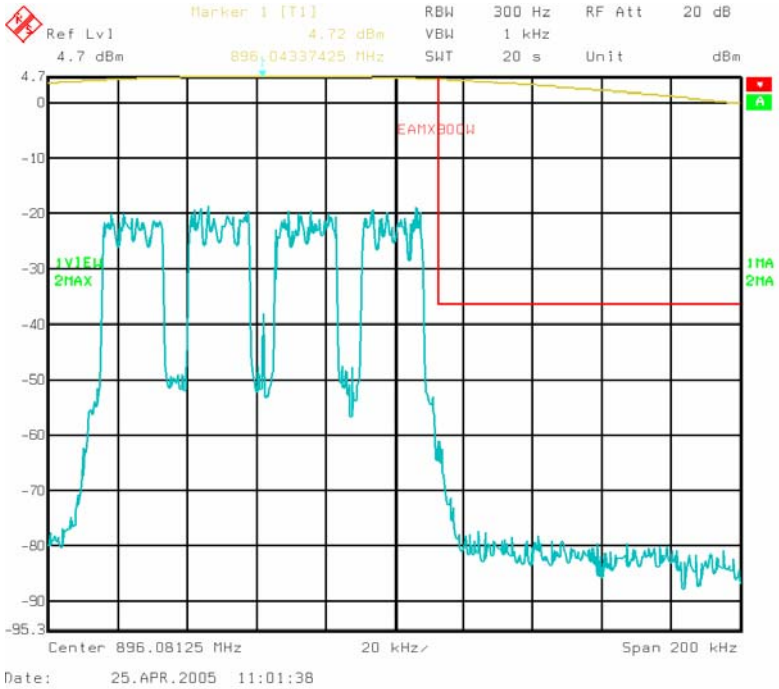

Figure 6-82: WiDEN100 continuous quad-64QAM modulation performance relative to mask 47 CFR 90.669 (MAXIMUM POWER SETTING)

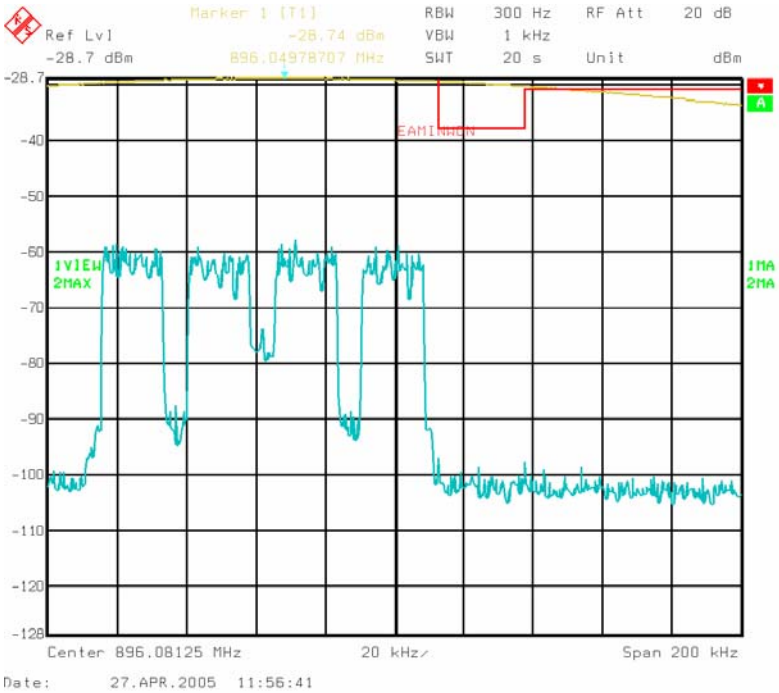

Figure 6-83: WiDEN100 continuous quad-64QAM modulation performance relative to mask 47 CFR 90.669 (MINIMUM POWER SETTING)

6.3.11 900 MHz Band WiDEN50 Split Operation Measured Data

FCC Limits

- Per EA SMR Emission Mask, 47 CFR 90.669(a)

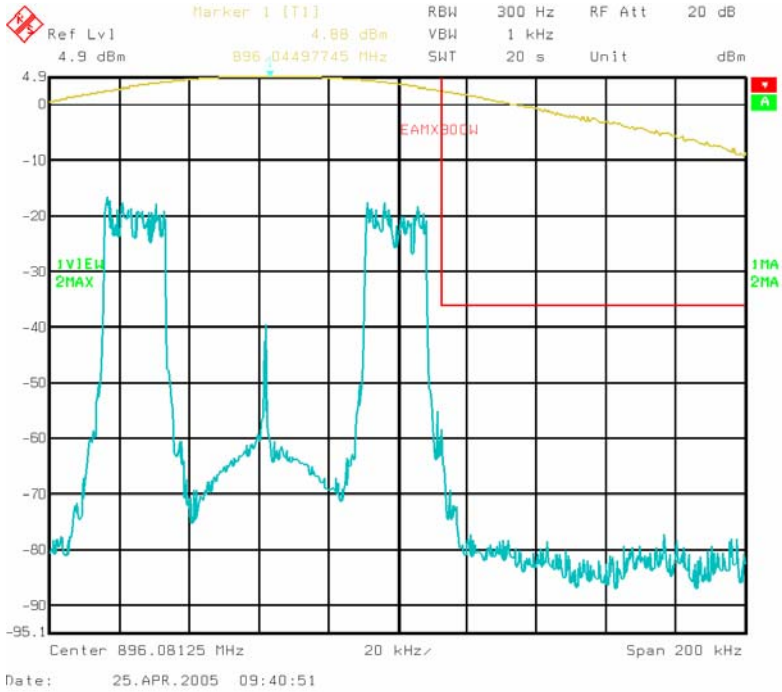

Figure 6-84: WIDEN50 split quad-QPSK modulation performance relative to mask 47 CFR 90.669 (MAXIMUM POWER SETTING)

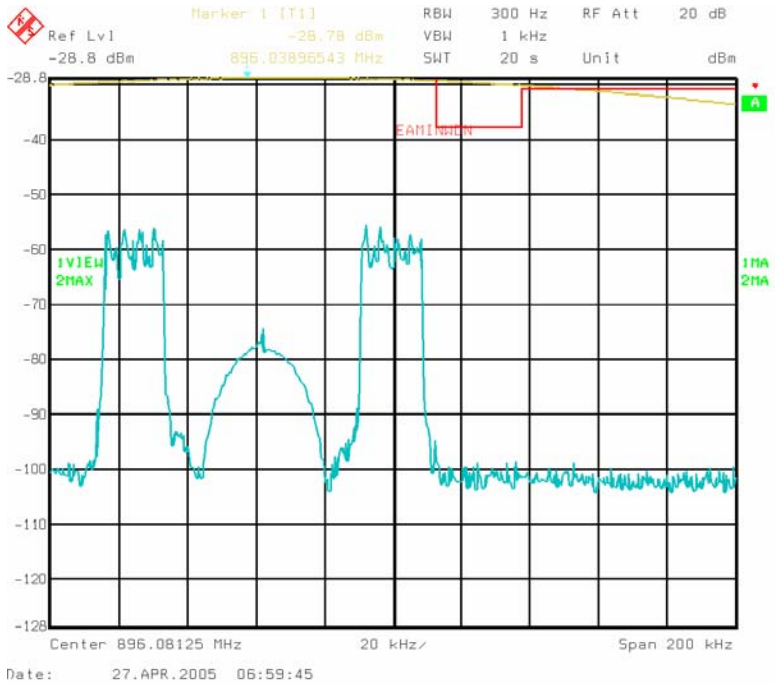

Figure 6-85: WiDEN50 split quad-QPSK modulation performance relative to mask 47 CFR 90.669 (MINIMUM POWER SETTING)

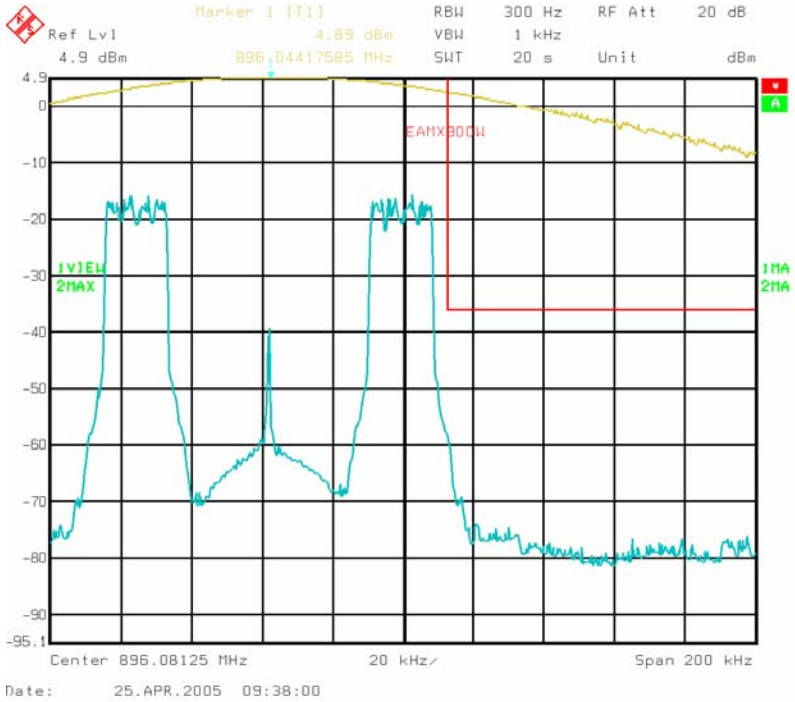

Figure 6-86: WiDEN50 split quad-16QAM modulation performance relative to mask 47 CFR 90.669 (MAXIMUM POWER SETTING)

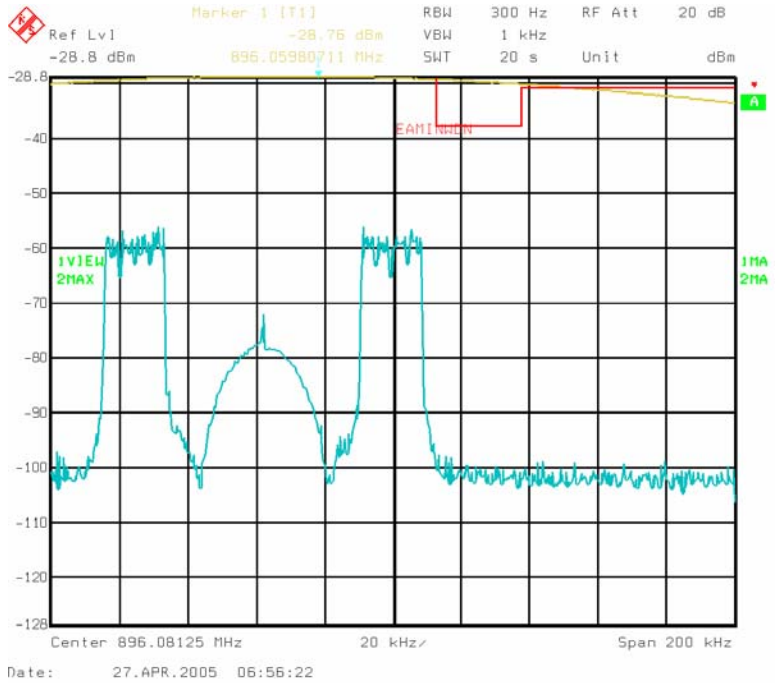

Figure 6-87: WiDEN50 split quad-16QAM modulation performance relative to mask 47 CFR 90.669 (MINIMUM POWER SETTING)

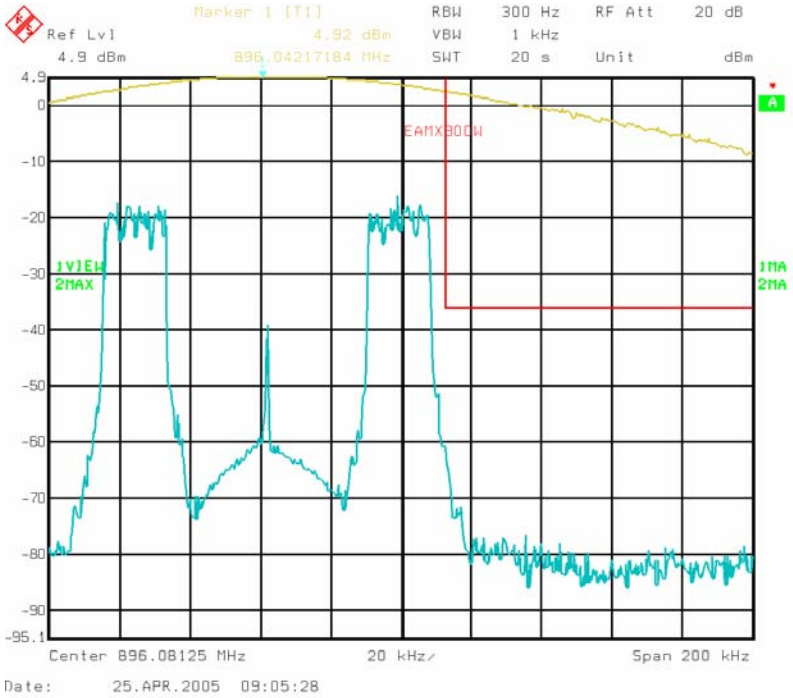

Figure 6-88: WiDEN50 split quad-64QAM modulation performance relative to mask 47 CFR 90.669 (MAXIMUM POWER SETTING)

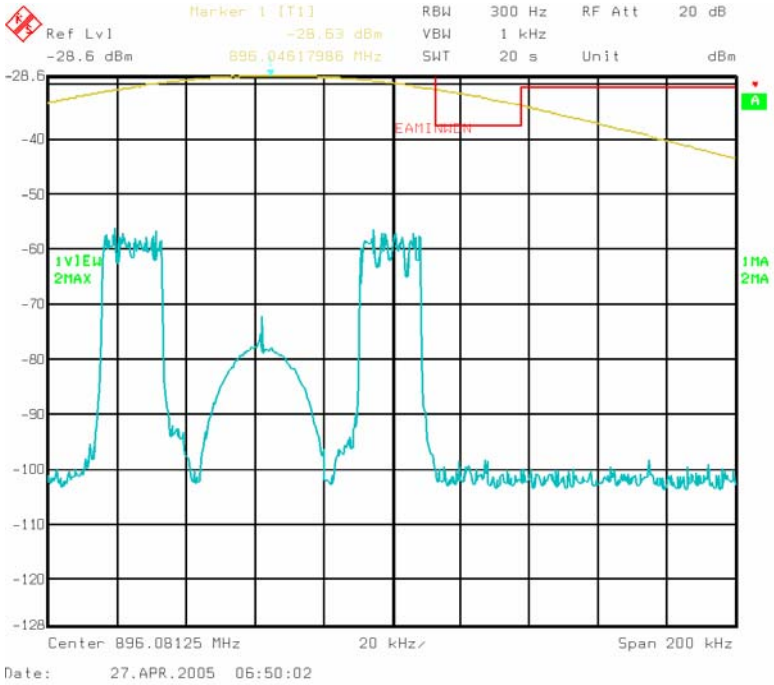

Figure 6-89: WiDEN50 split quad-64QAM modulation performance relative to mask 47 CFR 90.669 (MINIMUM POWER SETTING)