

EXHIBIT 6b: MEASURED DATA – Pursuant 47 CFR 2.1041

6.4 Land Mobile Band Modulation Characteristics and Necessary Bandwidth -- Pursuant 47 CFR 2.1033(c)13, 2.1047(d) & 2.202

6.4.1 800 MHz Band Operation Measured Data - 90.210(g), 90.691(a)

NOTE: References to "Split 3:1" are explained in Exhibit 12, Table 12-1.

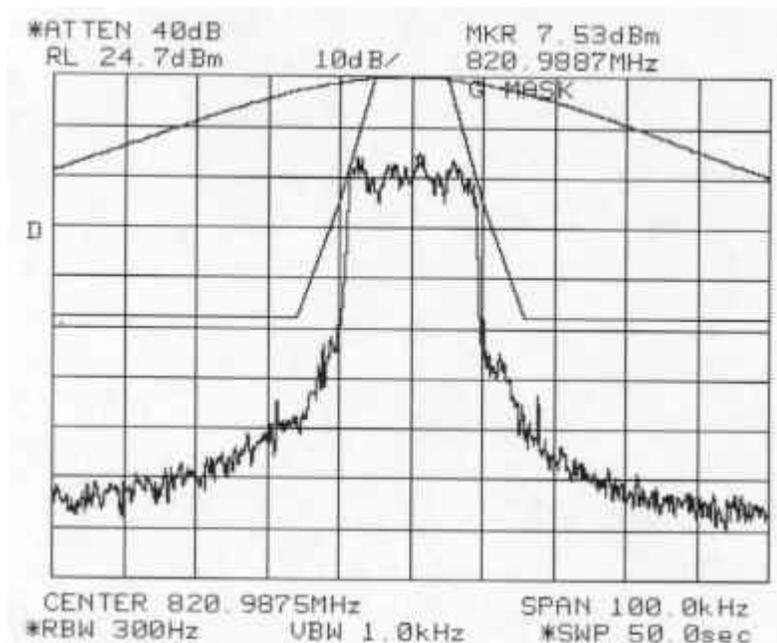


Figure 6-1: Quad-QPSK Modulation performance relative to mask 47 CFR 90.210(g) (MAXIMUM POWER SETTING)

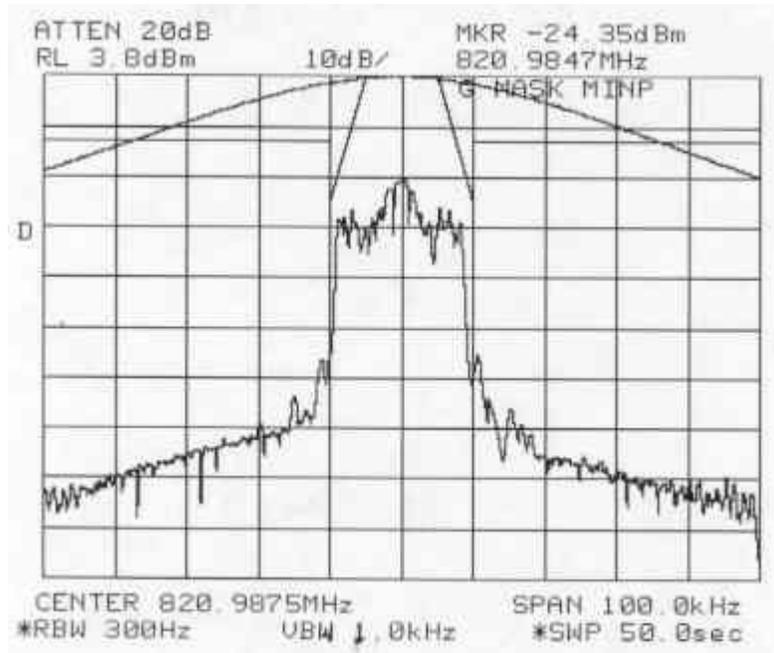


Figure 6-2: Quad-QPSK Modulation performance relative to mask 47 CFR 90.210(g)
(MINIMUM POWER SETTING)

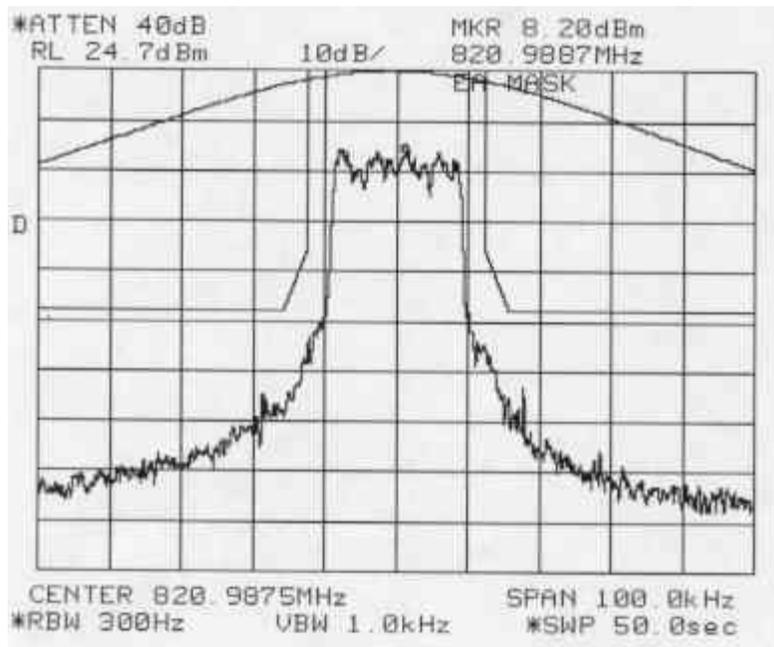


Figure 6-3: Quad-QPSK Modulation performance relative to mask 47 CFR 90.691.
(MAXIMUM POWER SETTING)

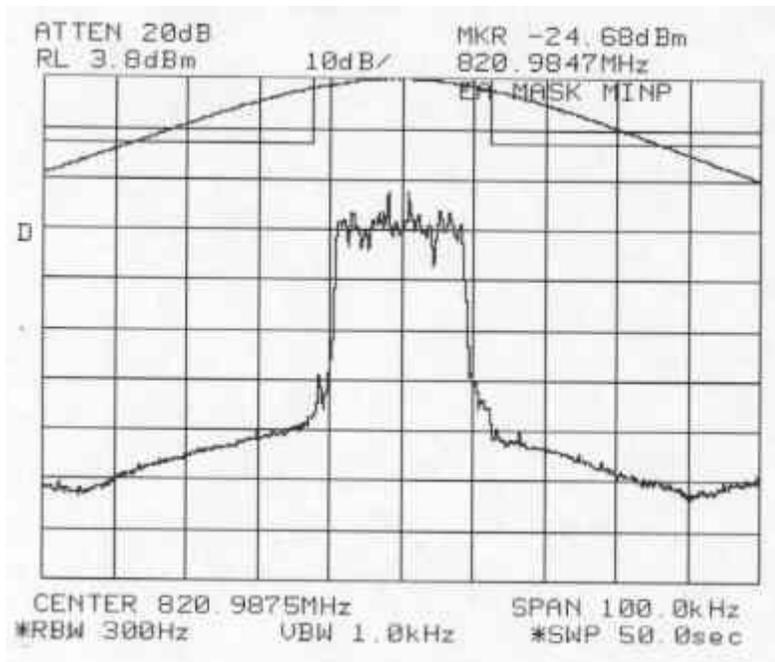


Figure 6-4: Quad-QPSK Modulation performance relative to mask 47 CFR 90.691. (MINIMUM POWER SETTING)

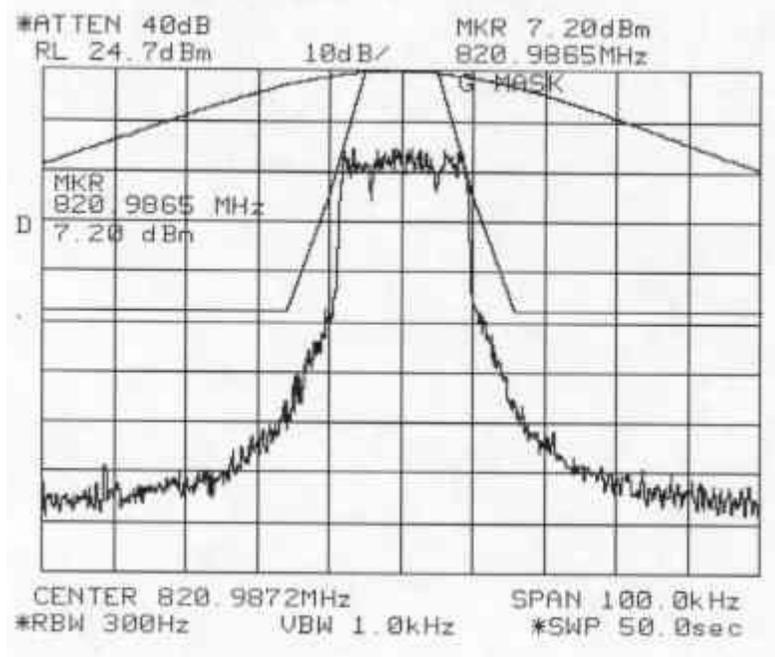


Figure 6-5: Quad-16QAM Modulation performance relative to mask 47 CFR 90.210(g) (MAXIMUM POWER SETTING)

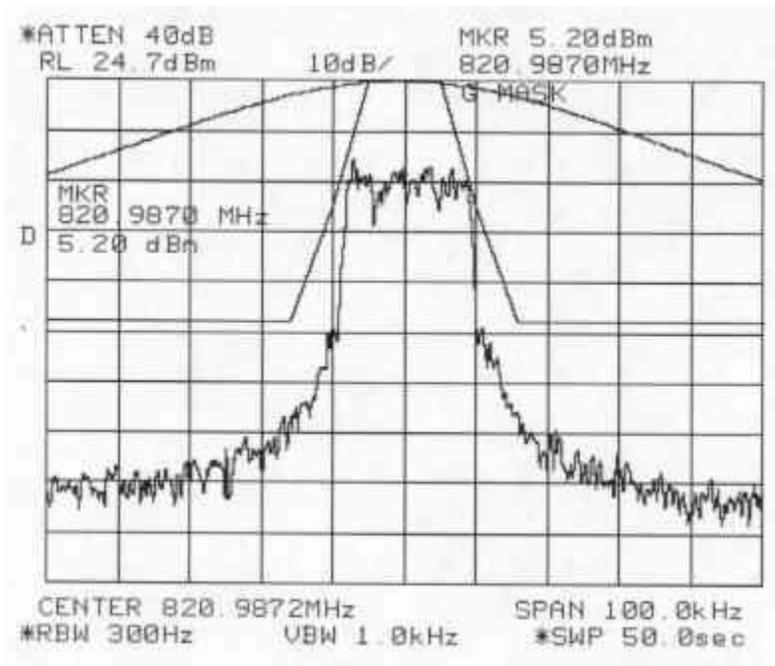


Figure 6-6: Quad-16QAM Modulation performance relative to mask 47 CFR 90.210(g) (MAXIMUM POWER SETTING) (Split 3:1 Interleaving)

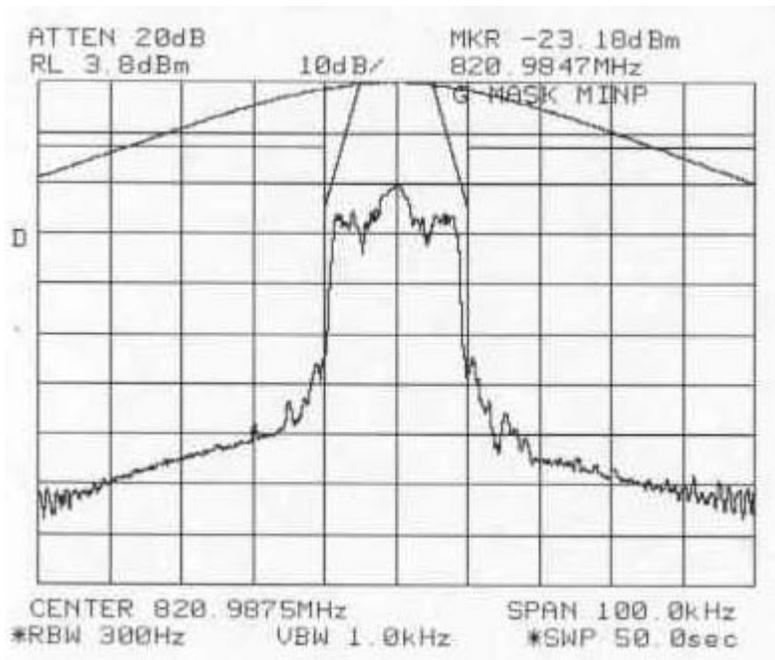


Figure 6-7: Quad-16QAM Modulation performance relative to mask 47 CFR 90.210(g) (MINIMUM POWER SETTING)

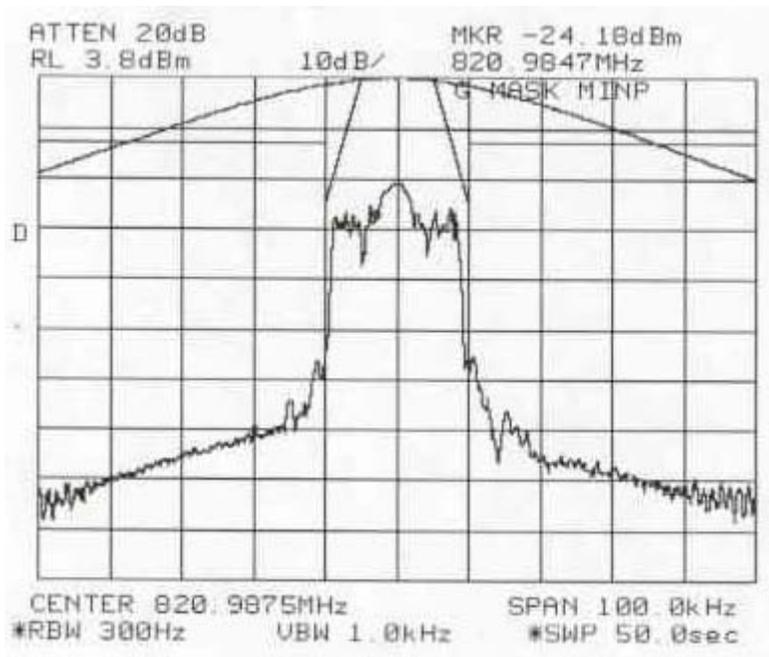


Figure 6-8: Quad-16QAM Modulation performance relative to mask 47 CFR 90.210(g) (MINIMUM POWER SETTING) (Split 3:1 Interleaving)

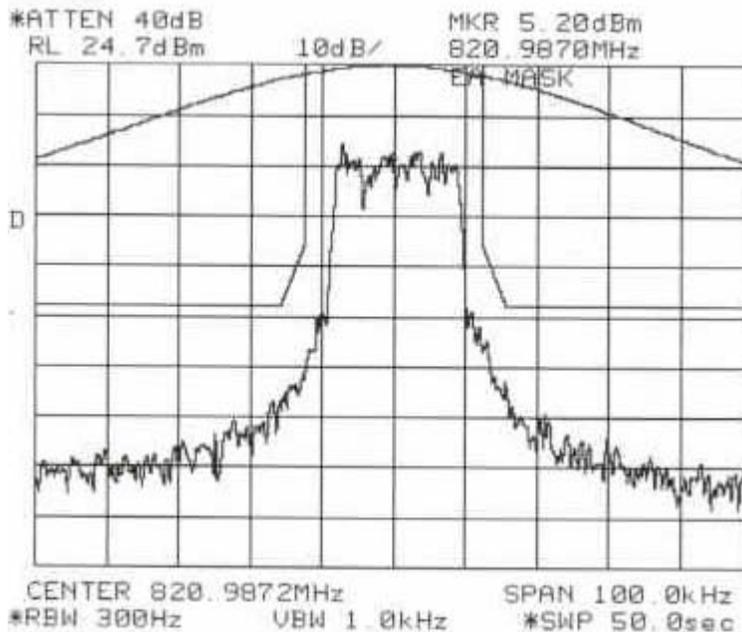


Figure 6-9: Quad-16QAM Modulation performance relative to mask 47 CFR 90.691. (MAXIMUM POWER SETTING)

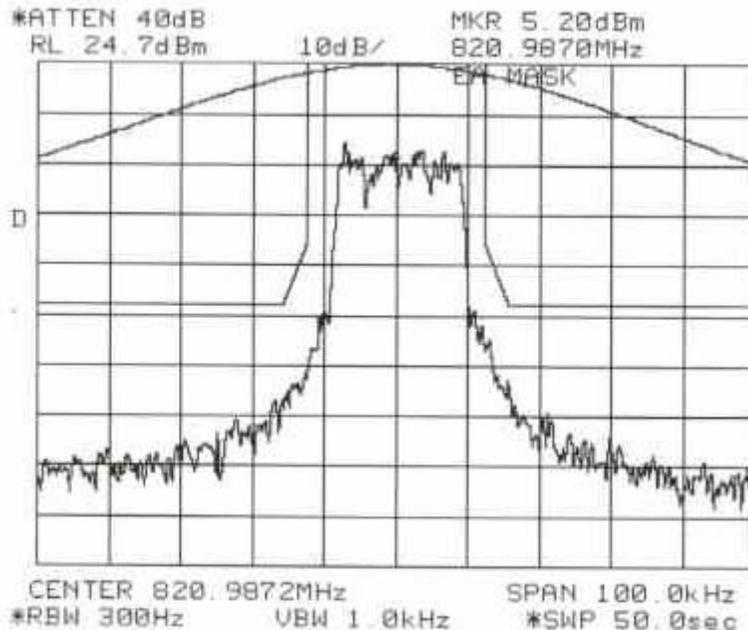


Figure 6-10: Quad-16QAM Modulation performance relative to mask 47 CFR 90.691. (MAXIMUM POWER SETTING) (Split 3:1 Interleaving)

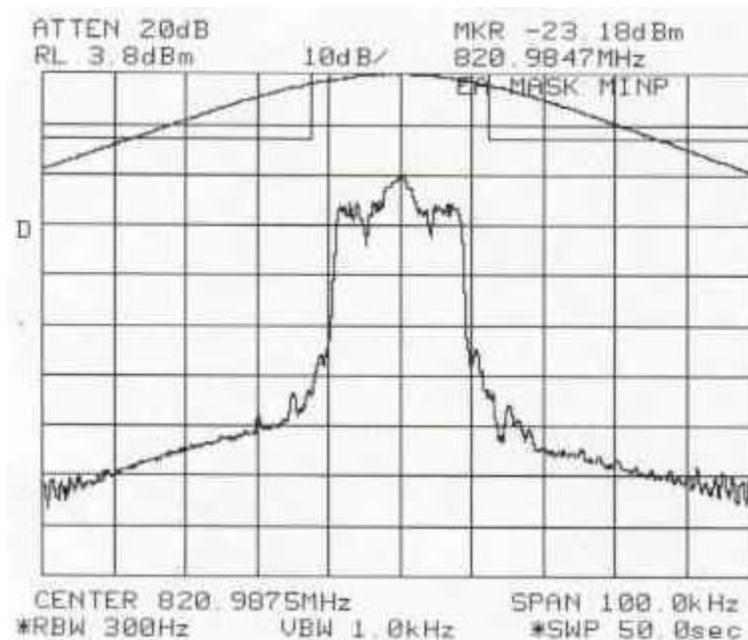


Figure 6-11: Quad-16QAM Modulation performance relative to mask 47 CFR 90.691. (MINIMUM POWER SETTING)

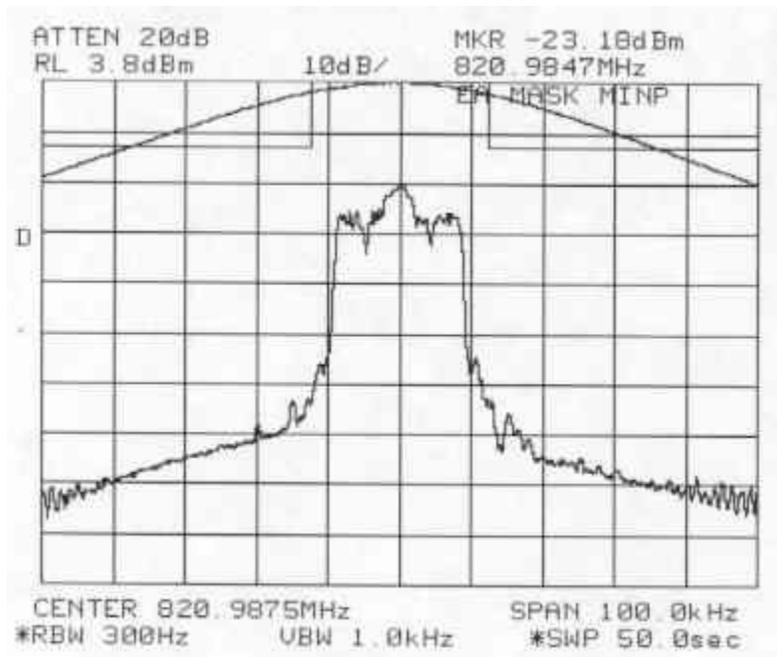


Figure 6-12: Quad-16QAM Modulation performance relative to mask 47 CFR 90.691. (MINIMUM POWER SETTING) (Split 3:1 Interleaving)

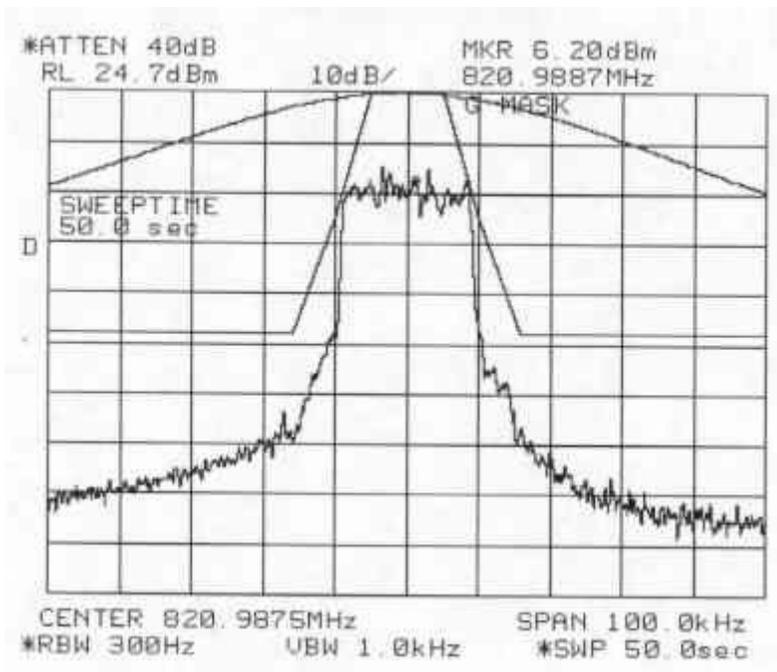


Figure 6-13: Quad-64QAM Modulation performance relative to mask 47 CFR 90.210(g) (MAXIMUM POWER SETTING)

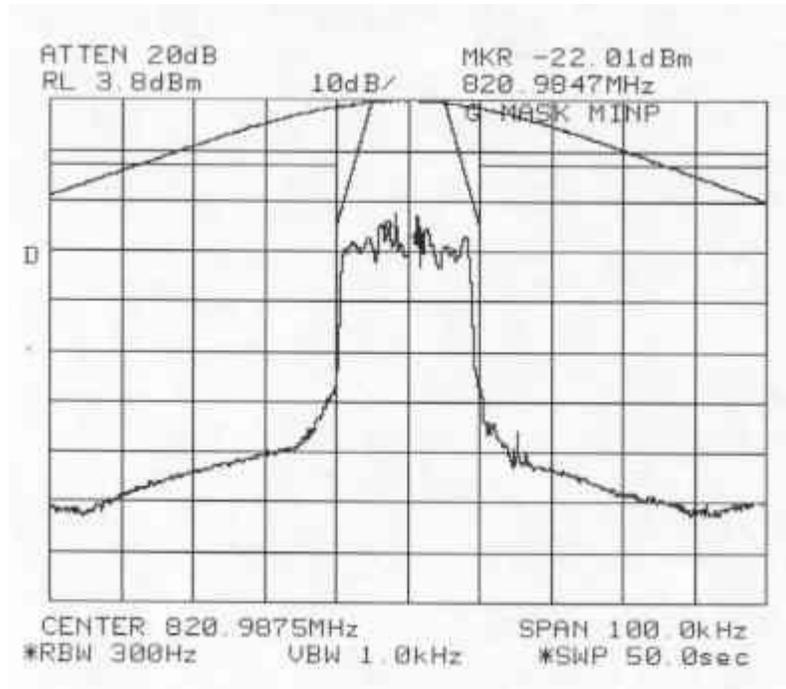


Figure 6-14: Quad-64QAM Modulation performance relative to mask 47 CFR 90.210(g) (MINIMUM POWER SETTING)

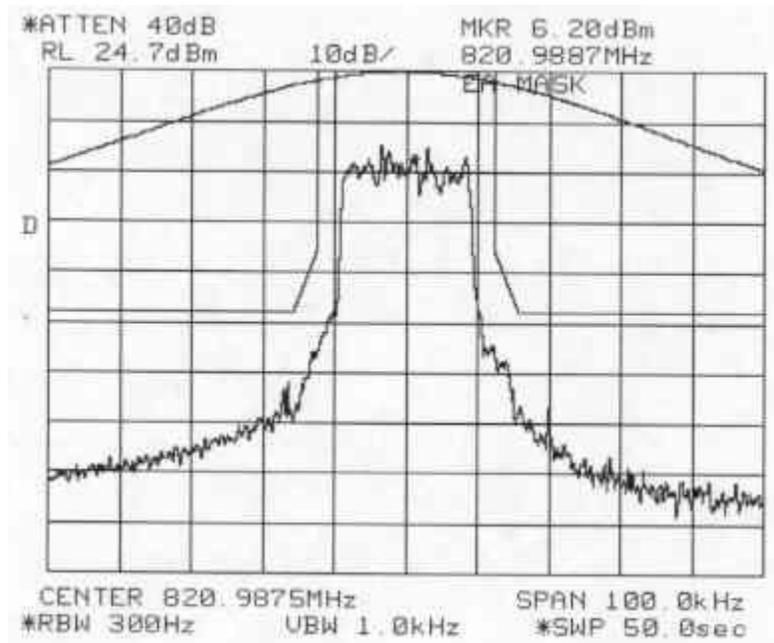


Figure 6-15: Quad-64QAM Modulation performance relative to mask 47 CFR 90.691. (MAXIMUM POWER SETTING)

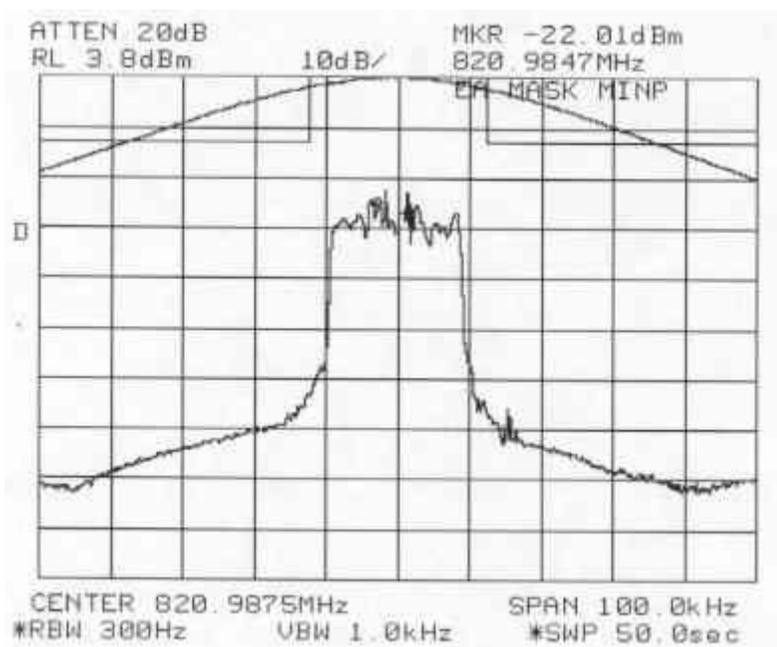


Figure 6-16: Quad-64QAM Modulation performance relative to mask 47 CFR 90.691. (MINIMUM POWER SETTING)

6.4.3 900 MHz Band Operation Measured Data – 90.669(a)

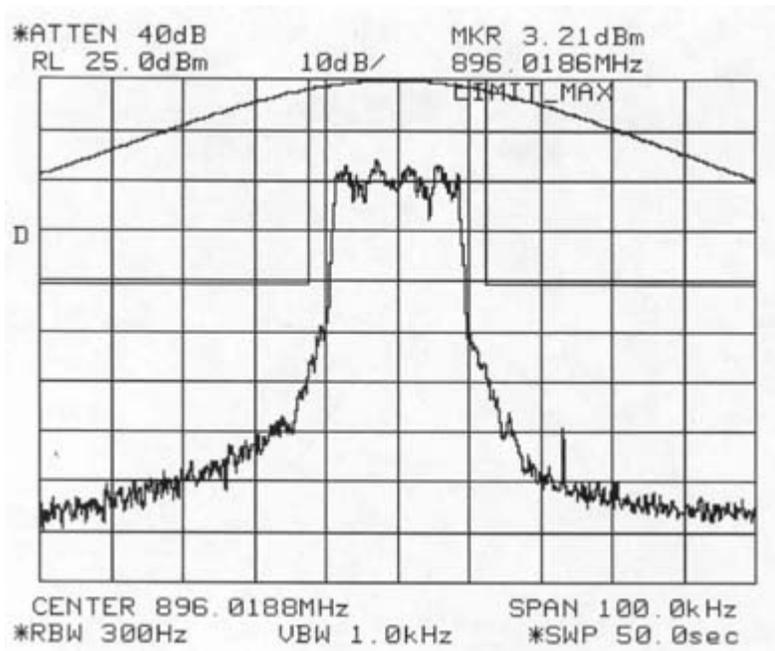


Figure 6-17: Quad-QPSK Modulation performance relative to mask 47 CFR 90.669(a) (MAXIMUM POWER SETTING)

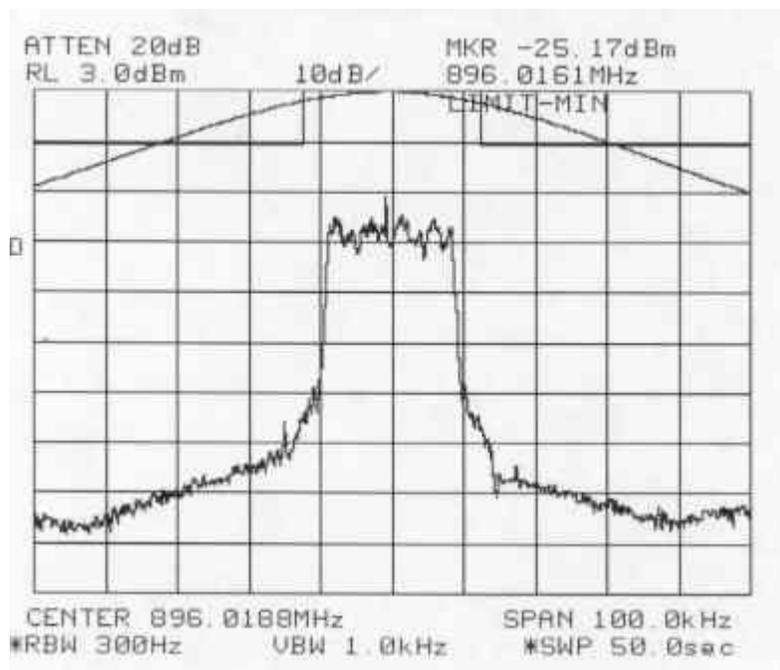


Figure 6-18: Quad-QPSK Modulation performance relative to mask 47 CFR 90.669(a)

(MINIMUM POWER SETTING)

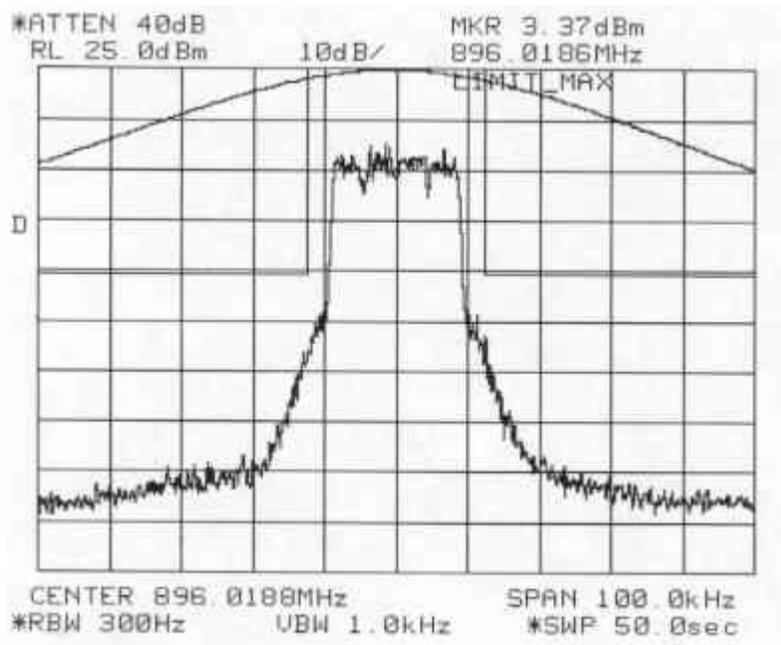


Figure 6-19: Quad-16QAM Modulation performance relative to mask 47 CFR 90.669(a) (MAXIMUM POWER SETTING)

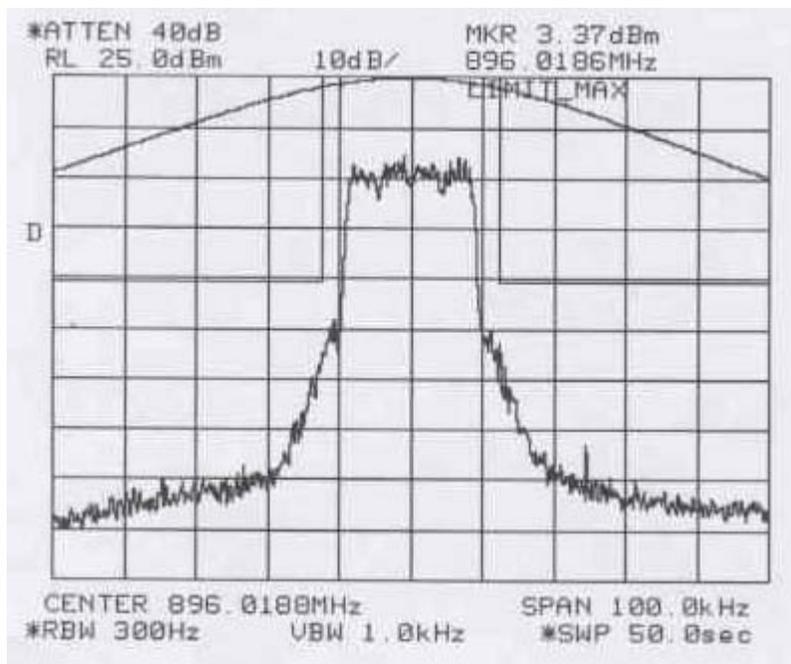


Figure 6-20: Quad-16QAM Modulation performance relative to mask 47 CFR 90.669(a) (MAXIMUM POWER SETTING) (Split 3:1 Interleaving)

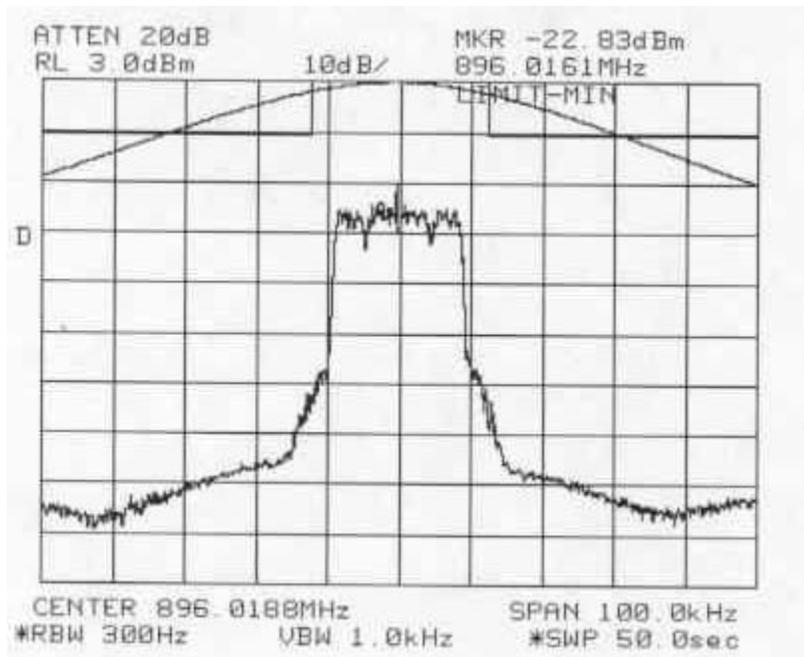


Figure 6-21: Quad-16QAM Modulation performance relative to mask 47 CFR 90.669(a) (MINIMUM POWER SETTING)

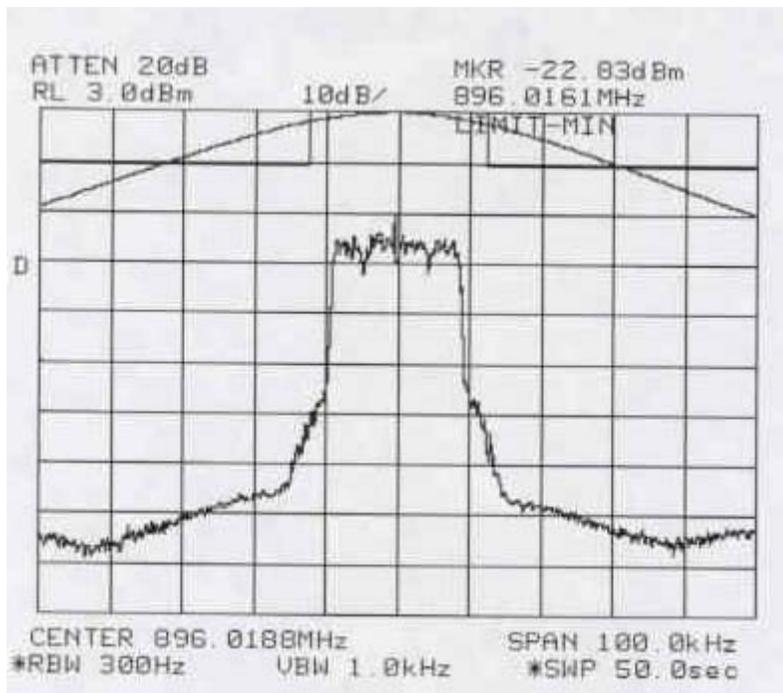


Figure 6-22: Quad-16QAM Modulation performance relative to mask 47 CFR 90.669(a) (MINIMUM POWER SETTING) (Split 3:1 Interleaving)

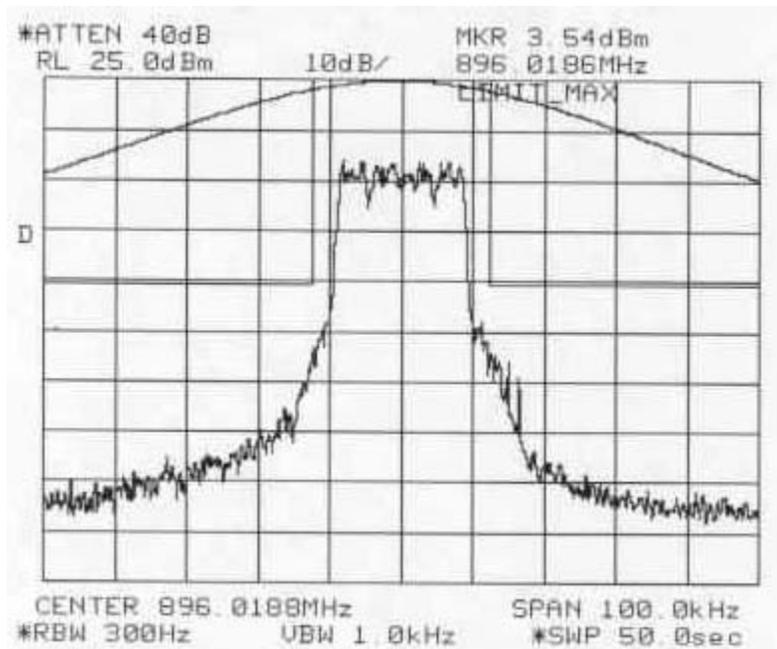


Figure 6-23: Quad-64QAM Modulation performance relative to mask 47 CFR 90.669(a) (MAXIMUM POWER SETTING)

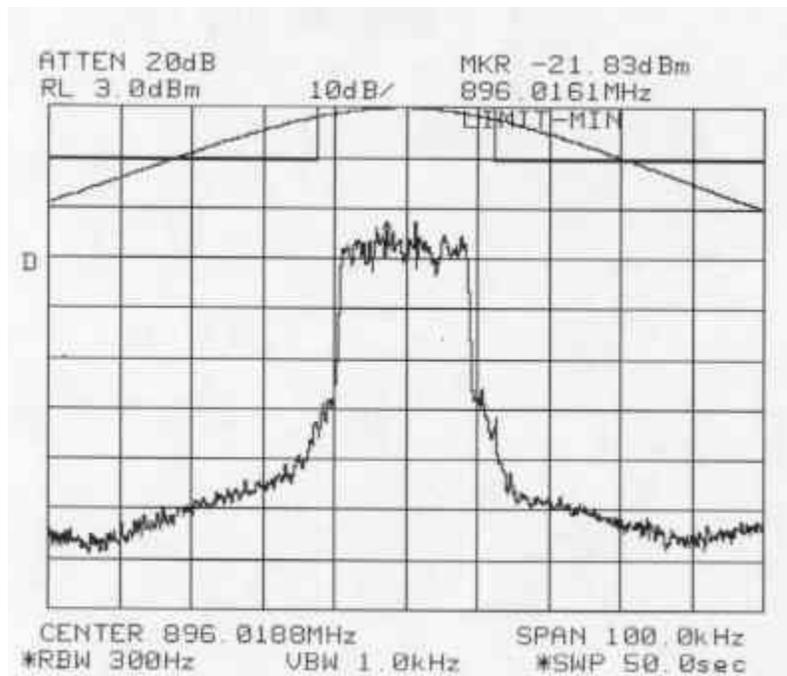


Figure 6-24: Quad-64QAM Modulation performance relative to mask 47 CFR 90.669(a) (MINIMUM POWER SETTING)