

9 FCC RULES AND REGULATIONS PART 2 §2.1049(C)(1): OCCUPIED BANDWIDTH; PART 90 §90.543(D): AUTHORIZED BANDWIDTH; RSS-119 §6.4: EMISSIONS MASKS

Occupied Bandwidth - Compliance with the emission masks

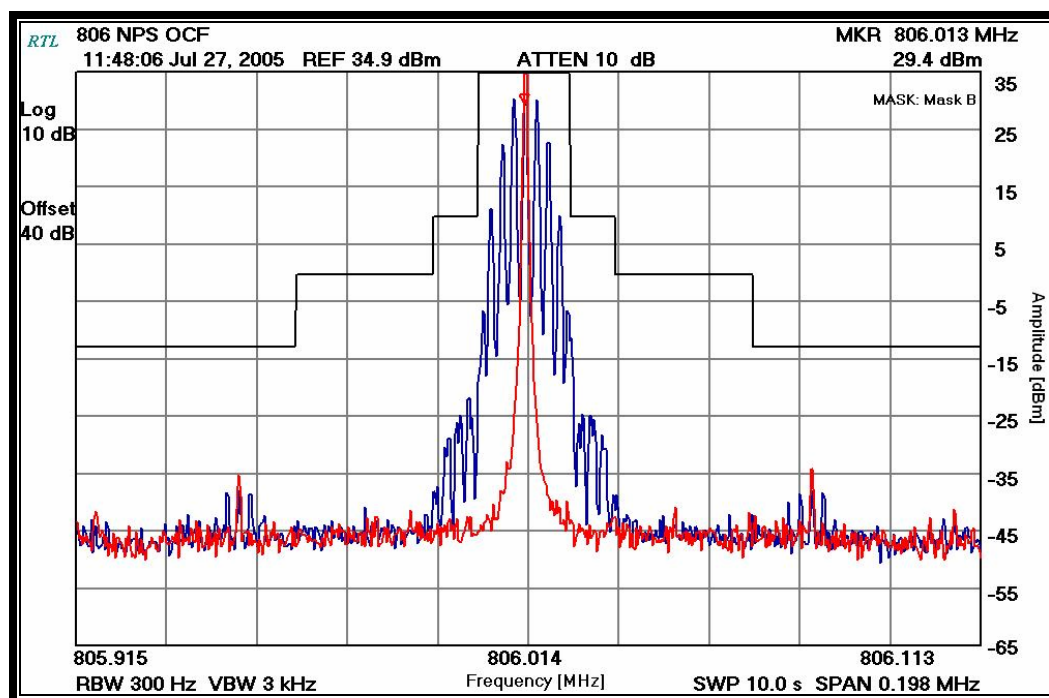
9.1 Test Procedure

ANSI/TIA/EIA-603-2002, section 2.2.11 and TIA/EIA-102.CAAA-2002 section 2.2.5

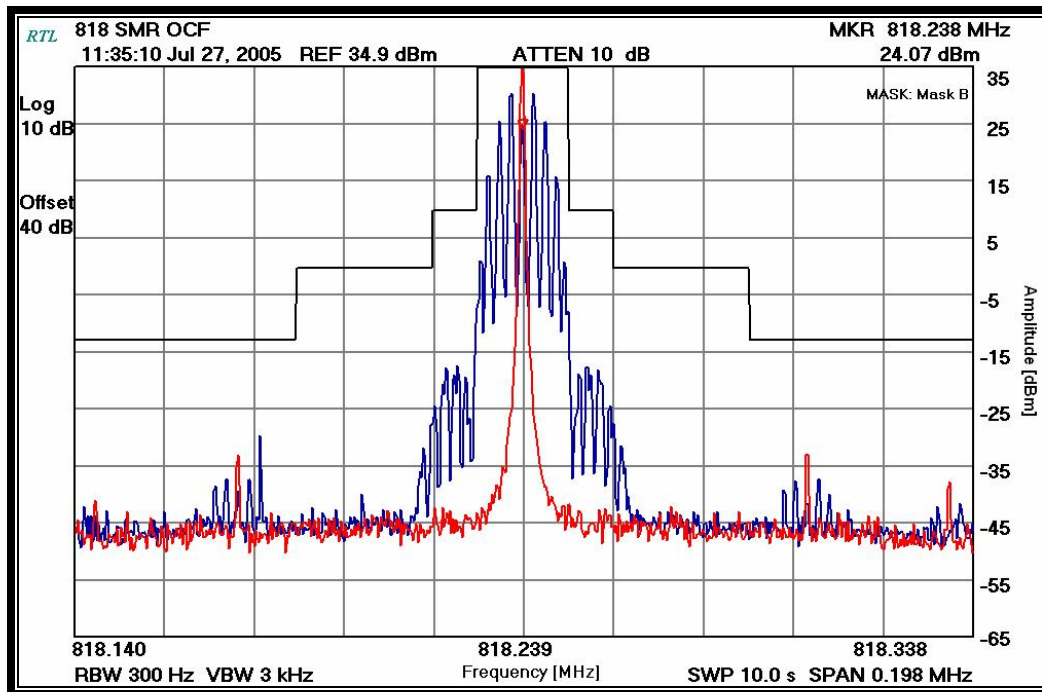
Device with digital modulation: Modulated to its maximum extent using a pseudo random data sequence – 19,200 bps for OTP mode, and 9600 bps for P25 and EDACS modes.

9.2 Test Data

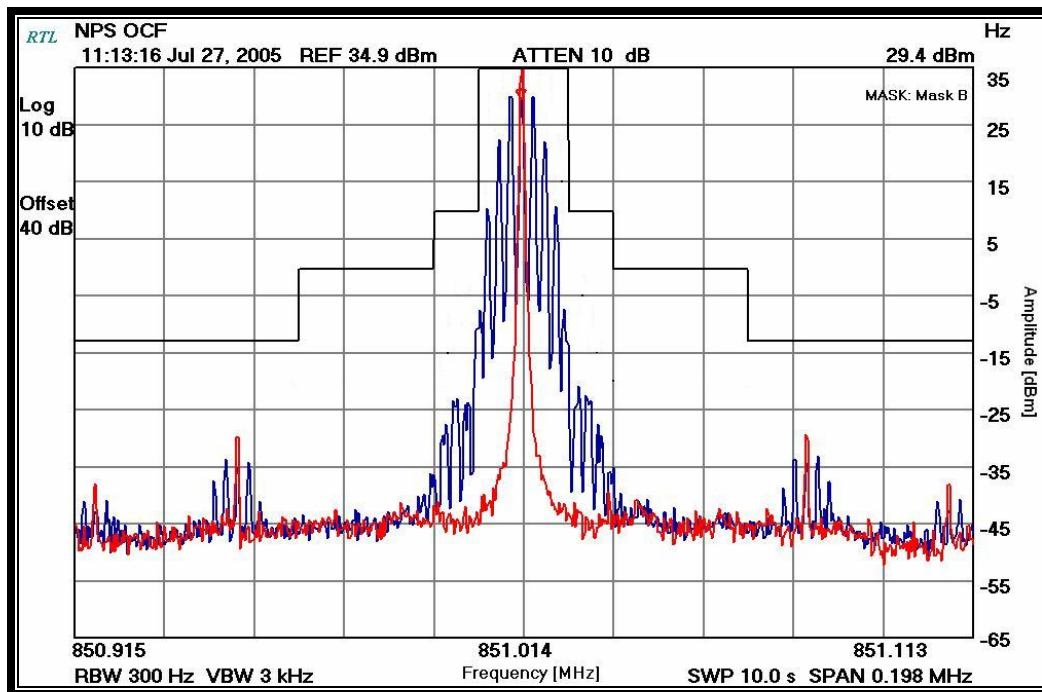
PLOT 9-1: OCCUPIED BANDWIDTH – 806.0125 MHz; OCF; NPSPAC (MASK B); HIGH POWER



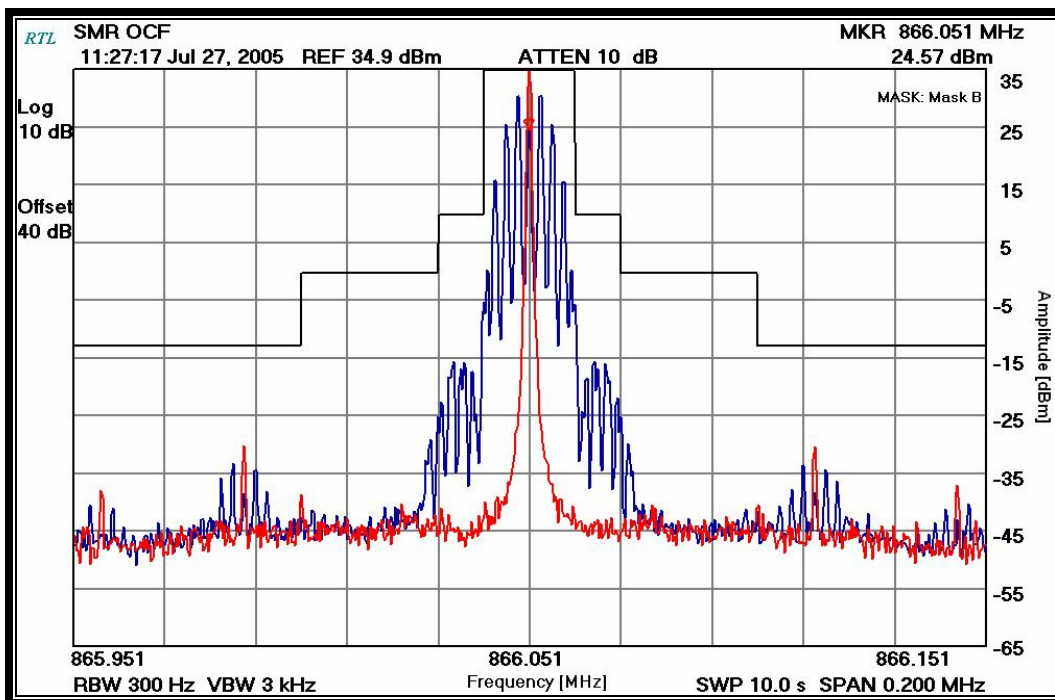
PLOT 9-2: OCCUPIED BANDWIDTH – 818.2375 MHz; OCF; SMR (MASK B); HIGH POWER



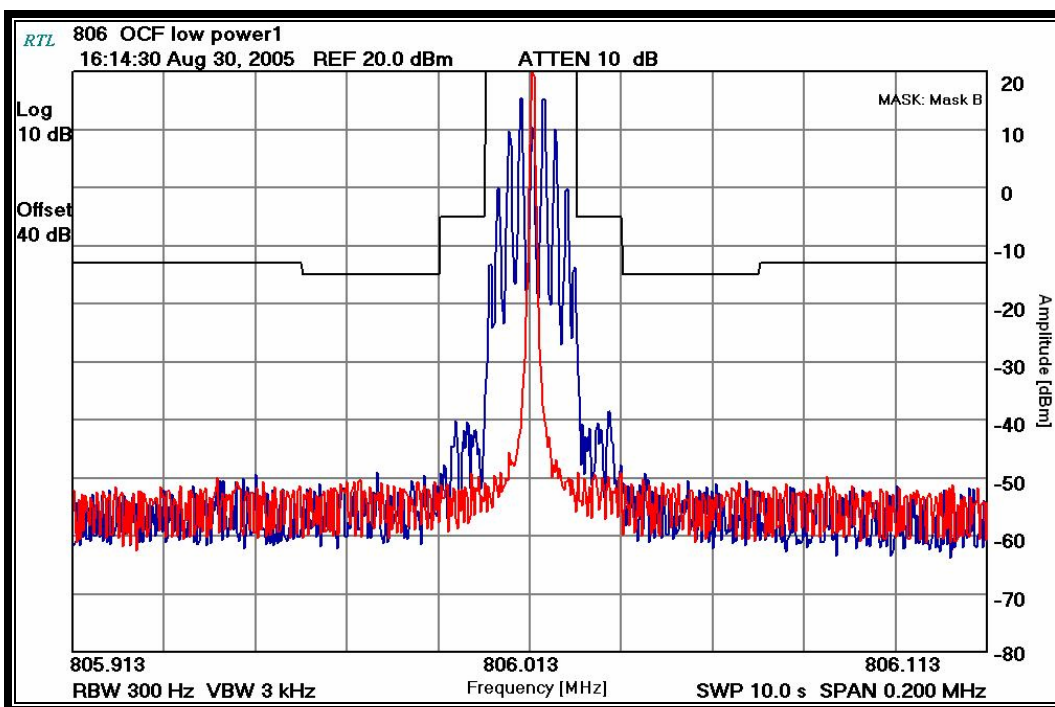
PLOT 9-3: OCCUPIED BANDWIDTH – 851.0125 MHz; OCF; NPSPAC (MASK B); HIGH POWER



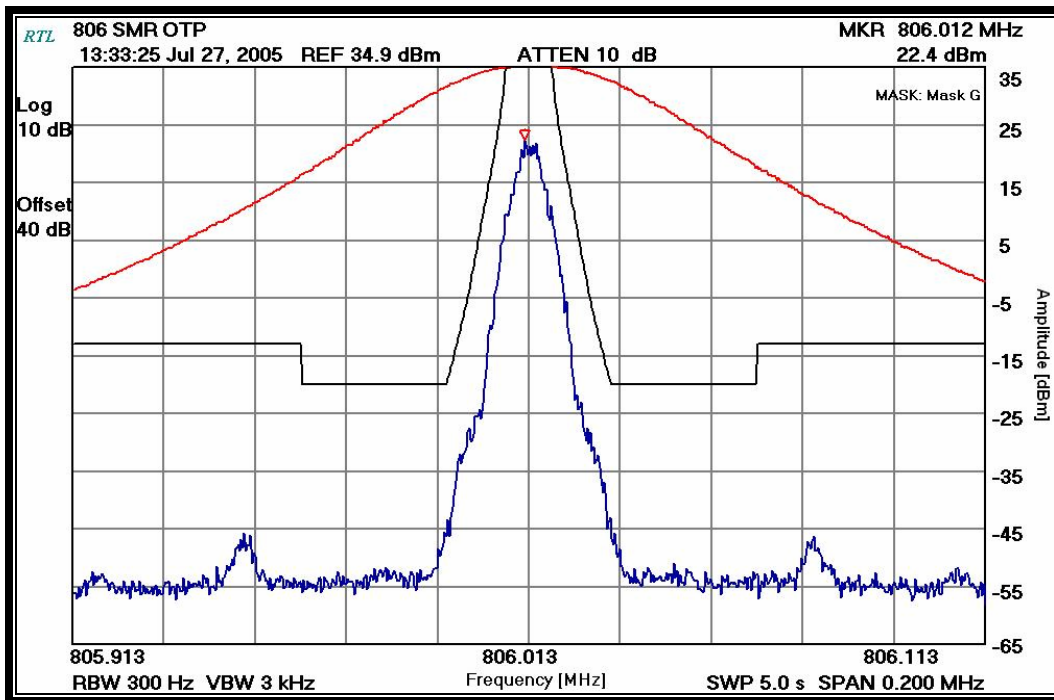
PLOT 9-4: OCCUPIED BANDWIDTH – 866.05 MHz; OCF; SMR; (MASK B); HIGH POWER



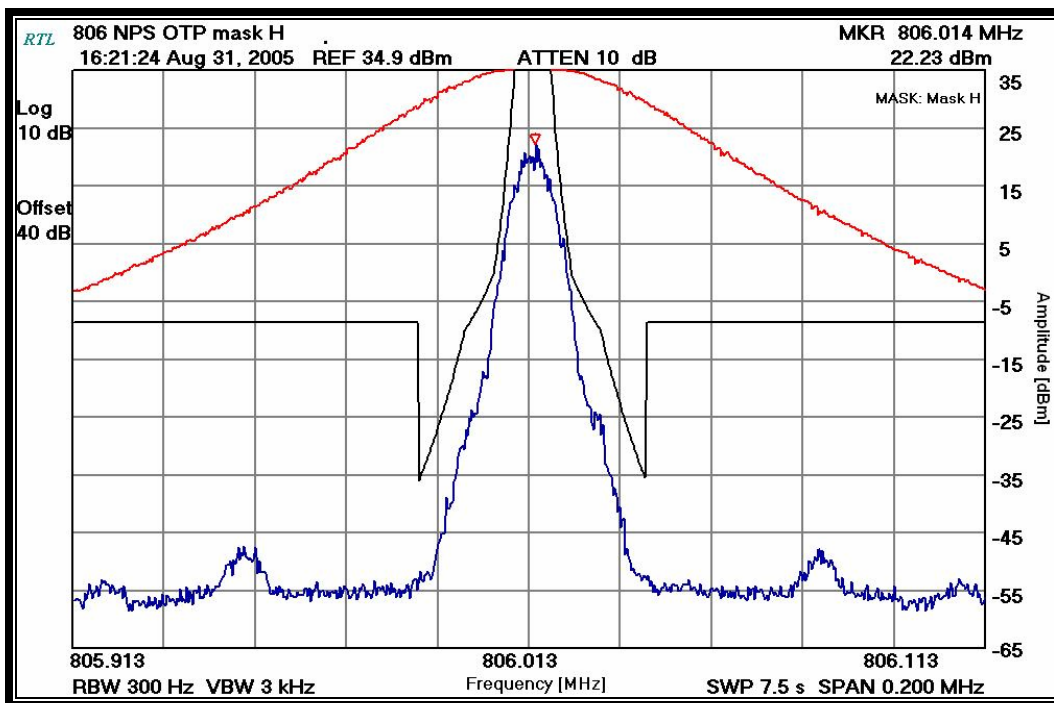
PLOT 9-5: OCCUPIED BANDWIDTH – 806.0125 MHz; OCF; SMR; (MASK B); LOW POWER



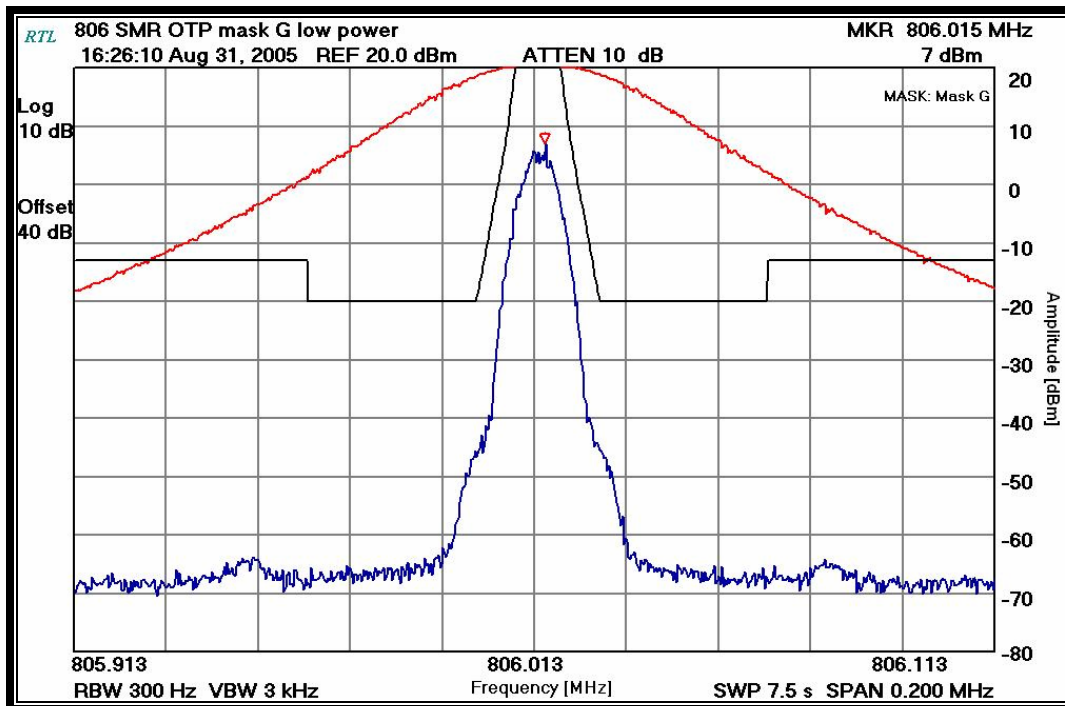
PLOT 9-6: OCCUPIED BANDWIDTH – 806.0125 MHz; OTP; SMR; (MASK G); HIGH POWER



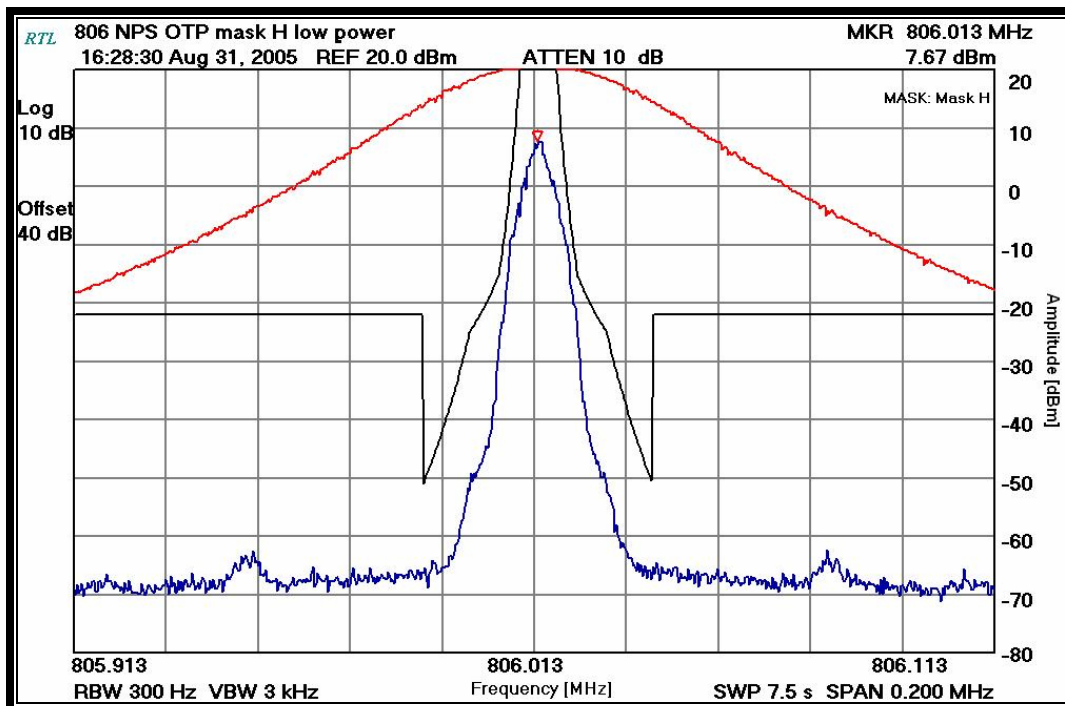
PLOT 9-7: OCCUPIED BANDWIDTH – 806.0125 MHz; OTP; NPSPAC; (MASK H)



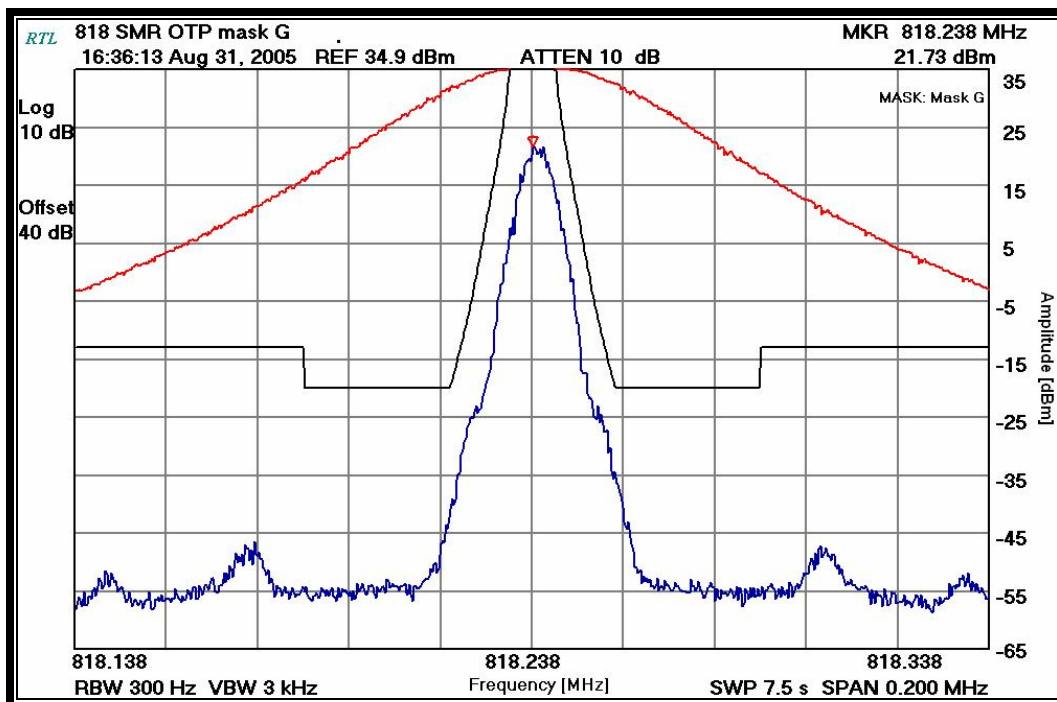
PLOT 9-8: OCCUPIED BANDWIDTH – 806.0125 MHz; OTP; SMR; (MASK G); LOW POWER



PLOT 9-9: OCCUPIED BANDWIDTH – 806.0125 MHz; OTP; NPSPAC; (MASK H); LOW POWER



PLOT 9-10: OCCUPIED BANDWIDTH – 818.2375 MHz; OTP; SMR; (MASK G); HIGH POWER



PLOT 9-11: OCCUPIED BANDWIDTH – 818.2375 MHz; OTP; SMR; (MASK G); LOW POWER

