

6a.2. Modulation Characteristics and Necessary Bandwidth -- Pursuant 47 CFR 2.1033(c) 13, 2.1047(d) & 2.202

6a.2.1 Emission Designator 18K3D7W - iDEN 800 MHz Band Measured data

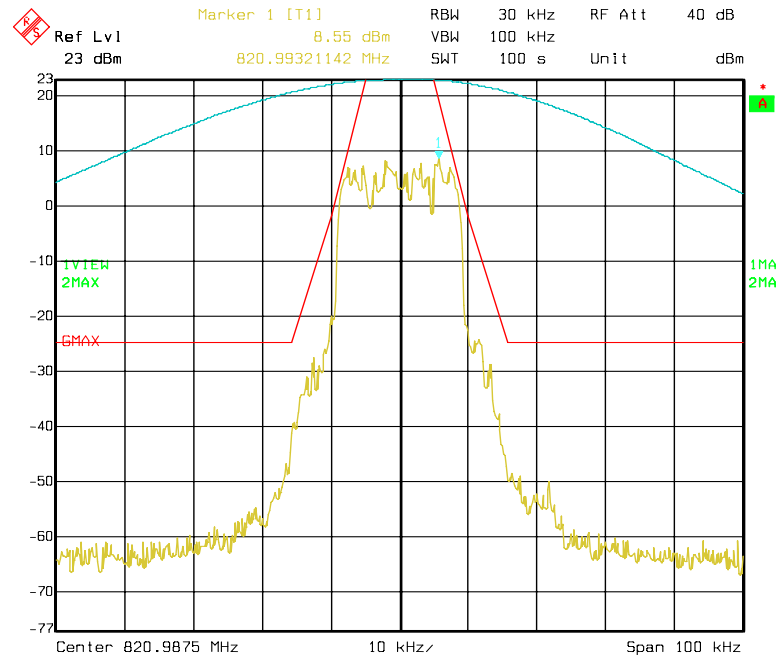


Figure 6a-2.1.1 iDEN 800 MHz Band, QPSK, Maximum Power, Emission Mask G

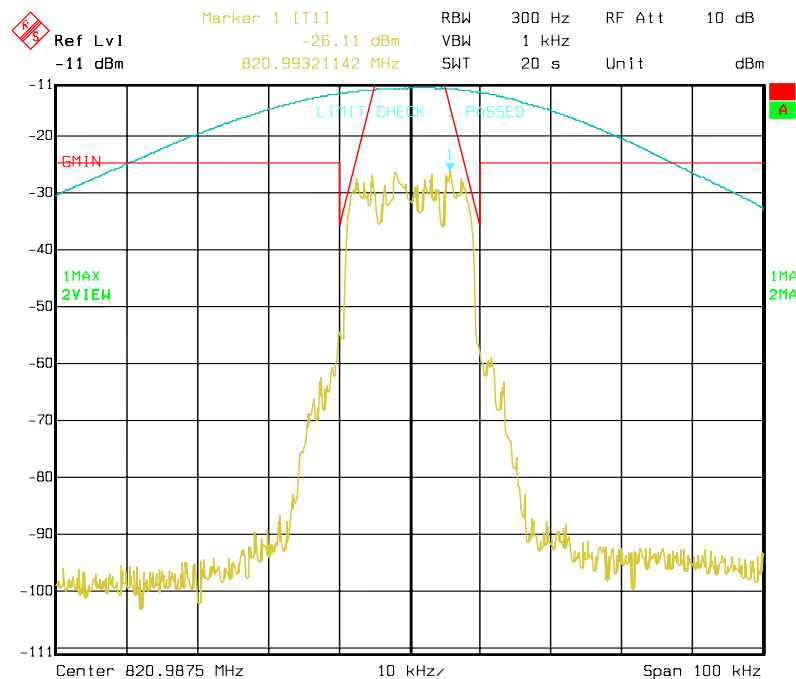


Figure 6a-2.1.2 iDEN 800 MHz Band, QPSK, Minimum Power, Emission Mask G



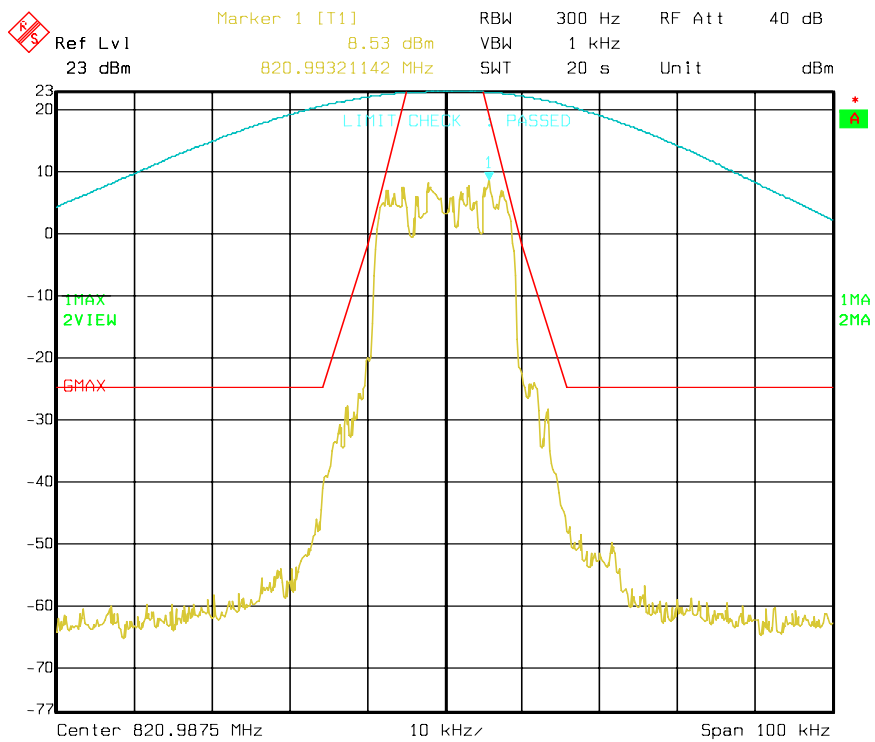


Figure 6a-2.1.5 iDEN 800 MHz Band, QAM16, Maximum Power, Emission Mask G

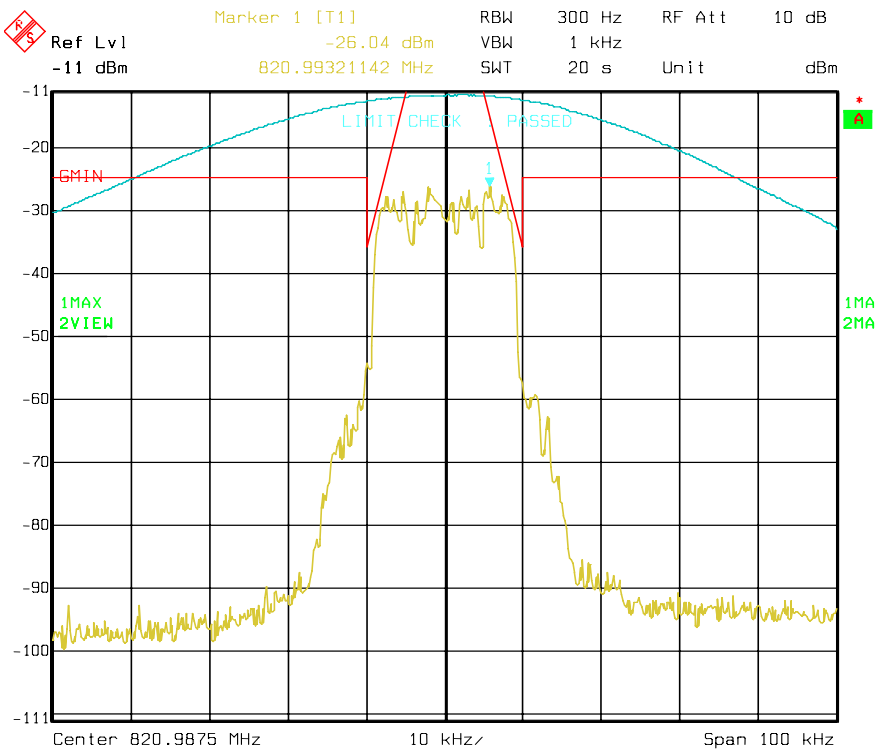


Figure 6a-2.1.6 iDEN 800 MHz Band, QAM16, Minimum Power, Emission Mask G

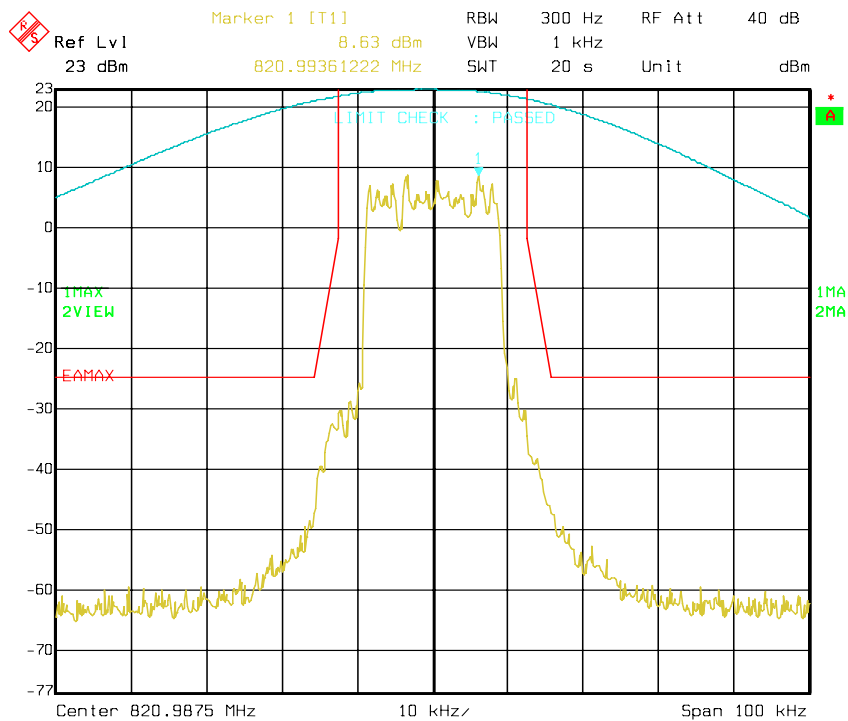


Figure 6a-2.1.7 iDEN 800 MHz Band, QAM16, Maximum Power, EA Emission Mask

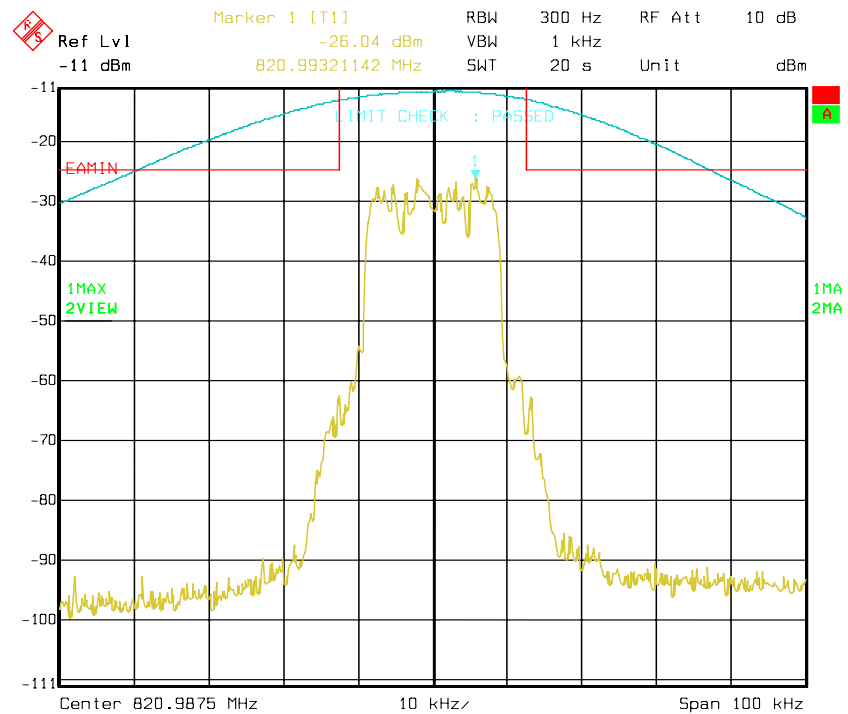


Figure 6a-2.1.8 iDEN 800 MHz Band, QAM16, Minimum Power, EA Emission Mask

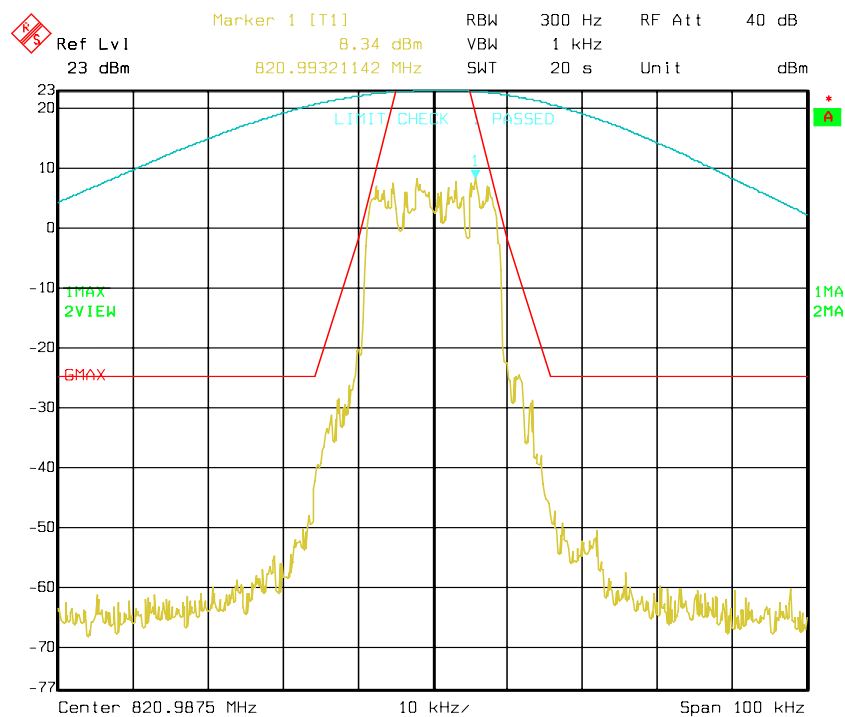


Figure 6a-2.1.9 iDEN 800 MHz Band, QAM64, Maximum Power, Emission Mask G

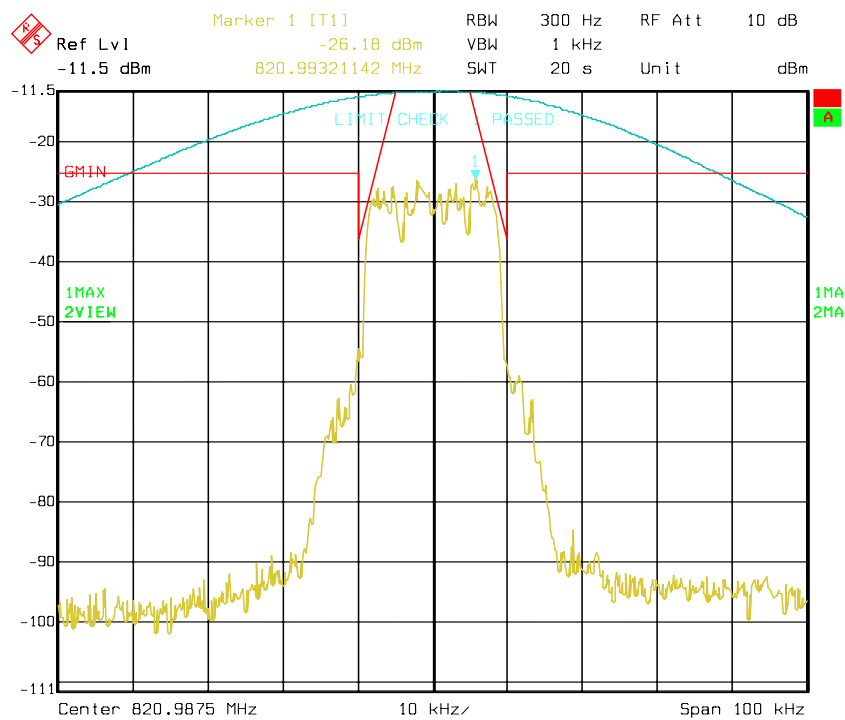


Figure 6a-2.1.10 iDEN 800 MHz Band, QAM64, Minimum Power, Emission Mask G

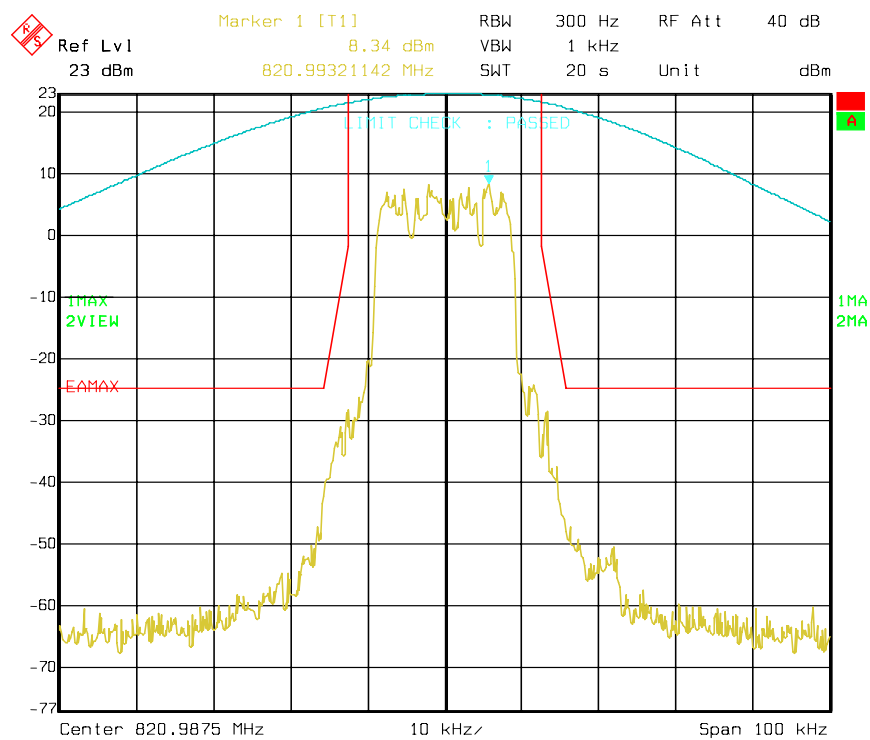


Figure 6a-2.1.11 iDEN 800 MHz Band, QAM64, Maximum Power, EA Emission Mask

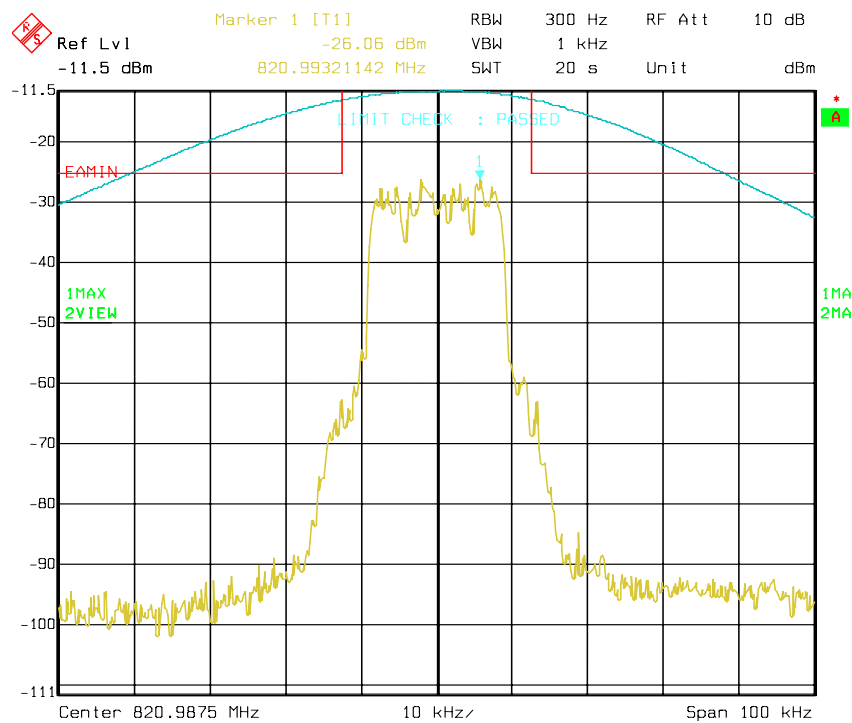


Figure 6a-2.1.12 iDEN 800 MHz Band, QAM64, Minimum Power, EA Emission Mask

6a.2.2. Emission Designator 18K3D7W - iDEN 900 MHz Band Measured Data

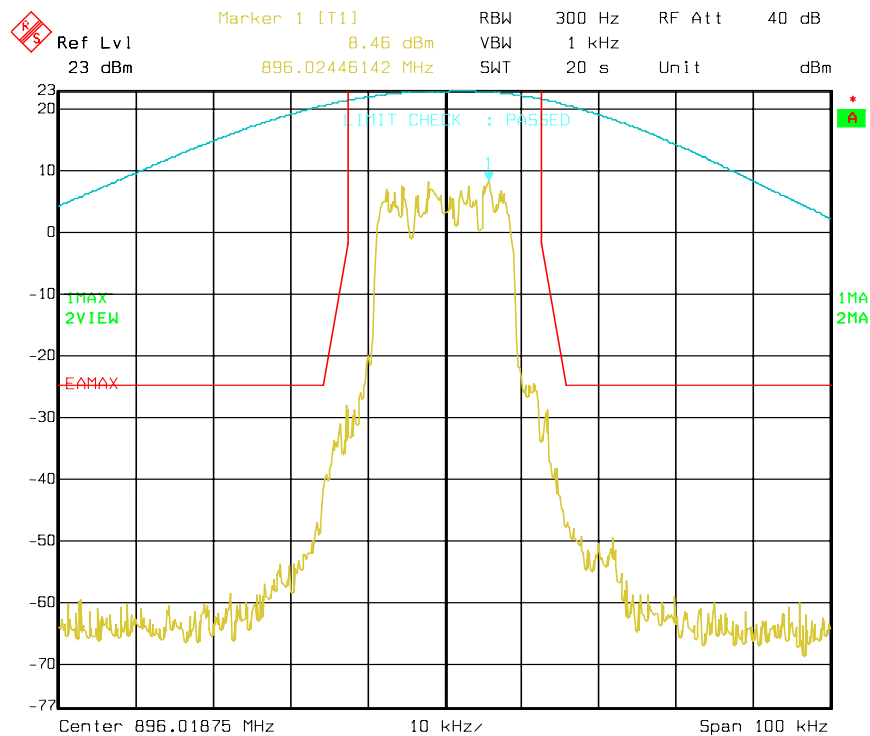


Figure 6a-2.2.1 iDEN 900 MHz Band, Quad-QPSK, Maximum Power, EA Emission Mask

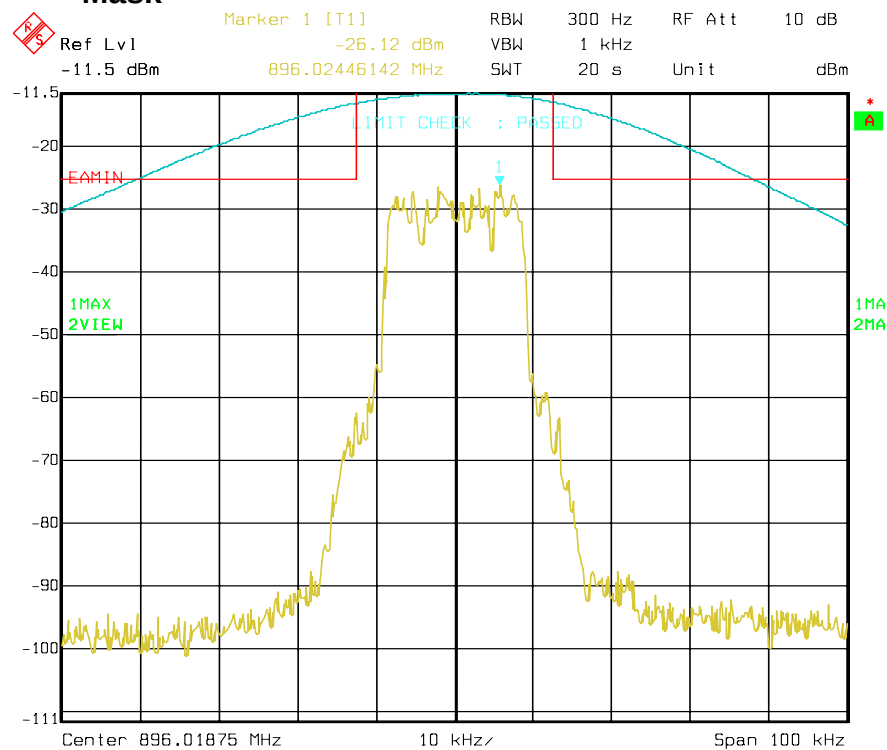


Figure 6a-2.2.2 iDEN 900 MHz Band, Quad-QPSK, Minimum Power, EA Emission Mask

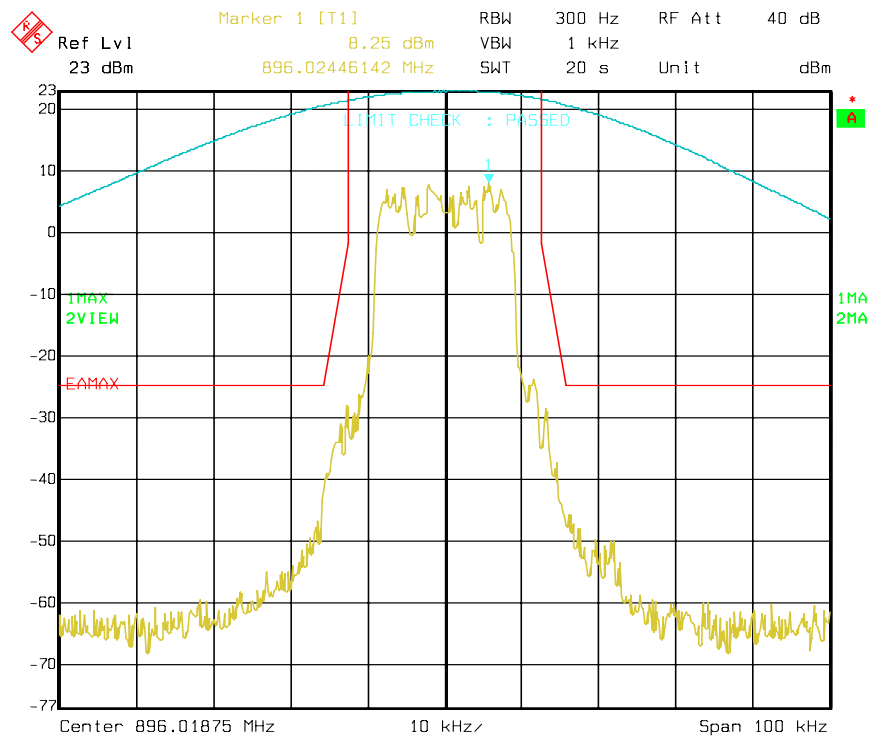


Figure 6a-2.2.3 iDEN 900 MHz Band, QAM16, Maximum Power, EA Emission Mask

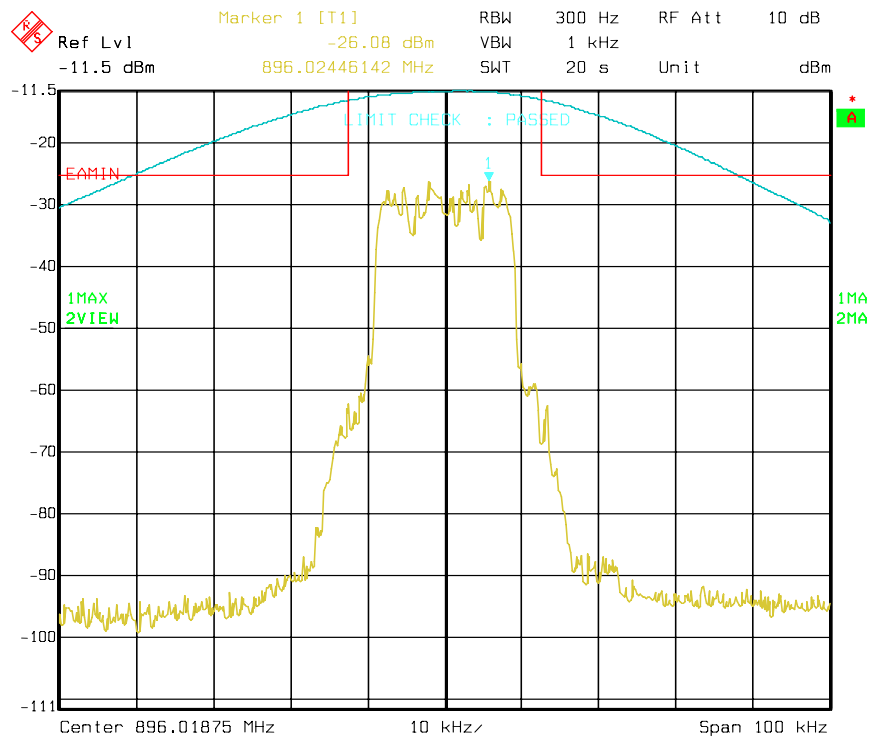


Figure 6a-2.2.4 iDEN 900 MHz Band, QAM16, Minimum Power, EA Emission Mask

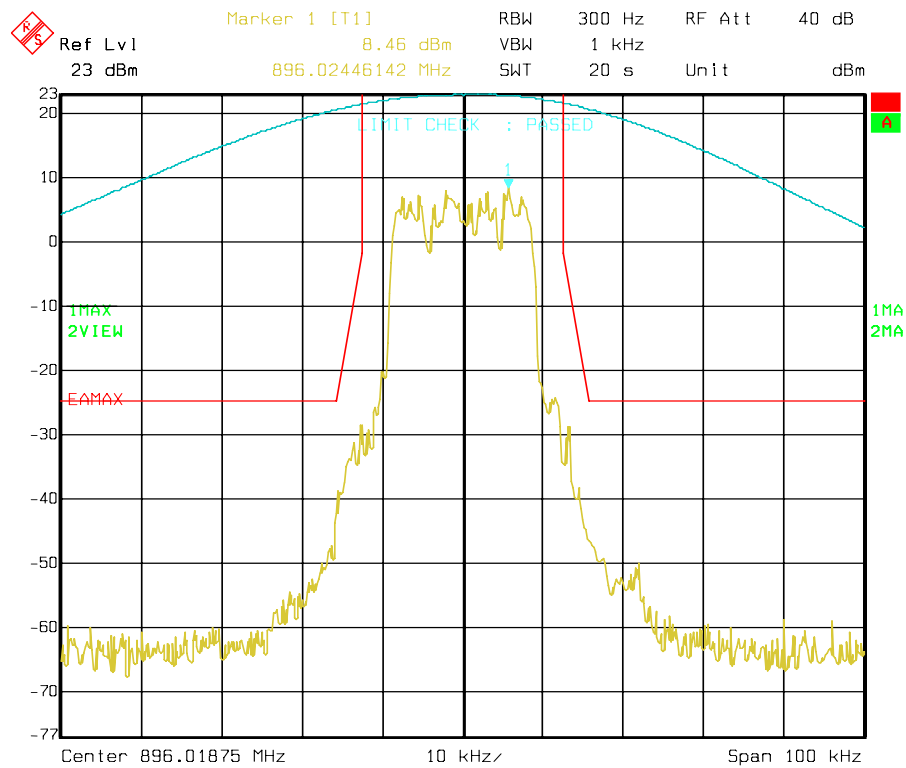


Figure 6a-2.2.5 iDEN 900 MHz Band, QAM64, Maximum Power, EA Emission Mask

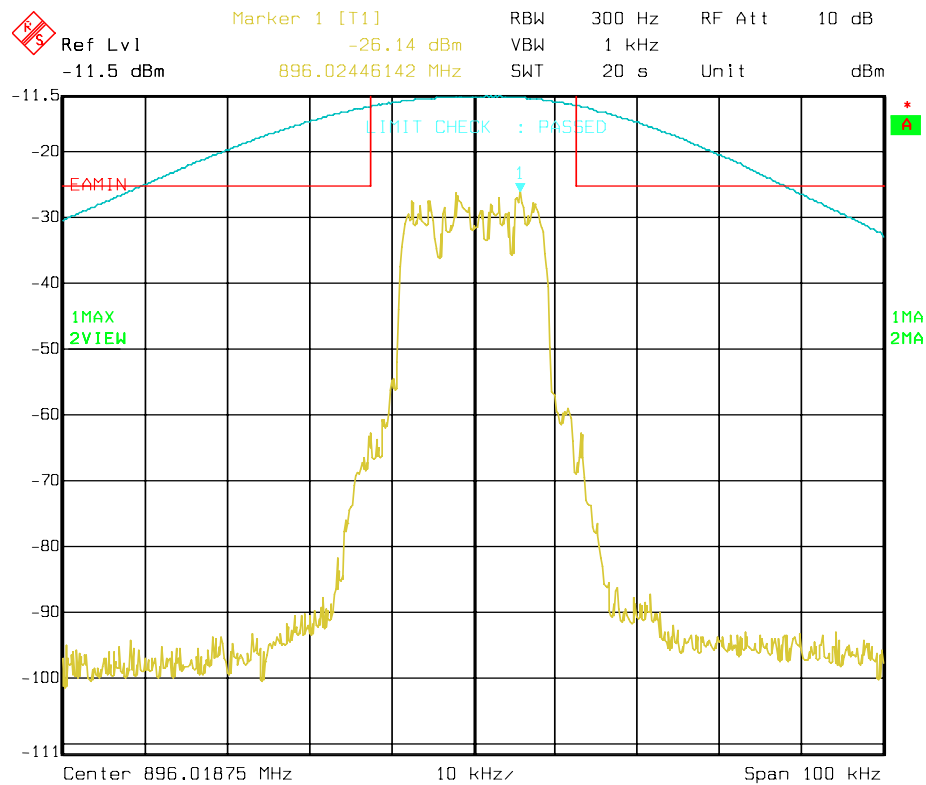


Figure 6a-2.2.6 iDEN 900 MHz Band, QAM64, Minimum Power, EA Emission Mask

6a.2.3 Emission Designator 18K3D7W - WiDEN25 800 MHz Band

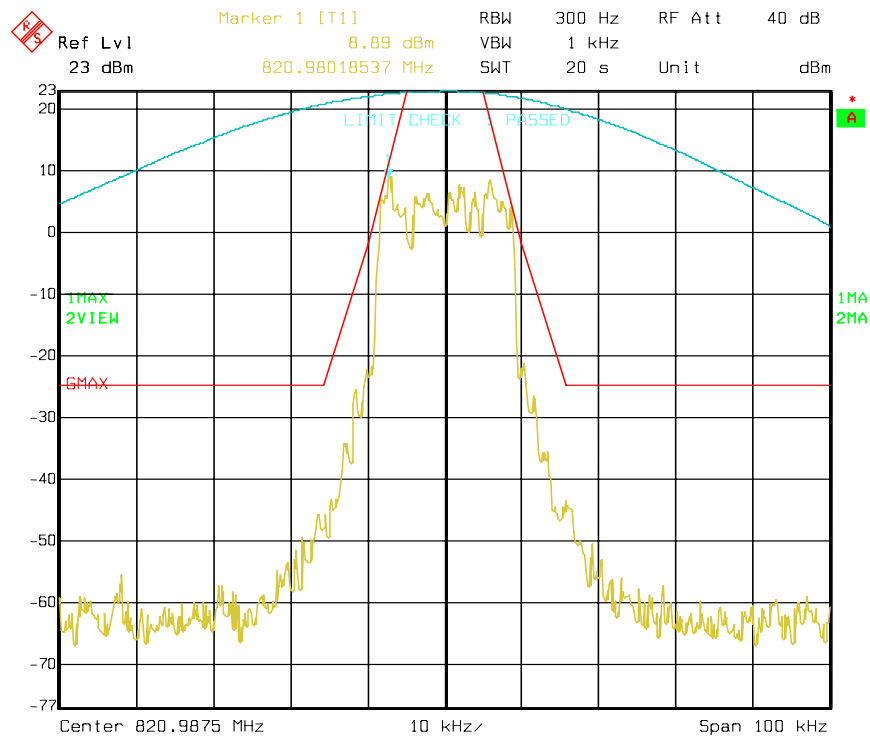


Figure 6a-2.3.1 WiDEN25 800 MHz Band, Quad-QPSK, Maximum Power, Emission Mask G

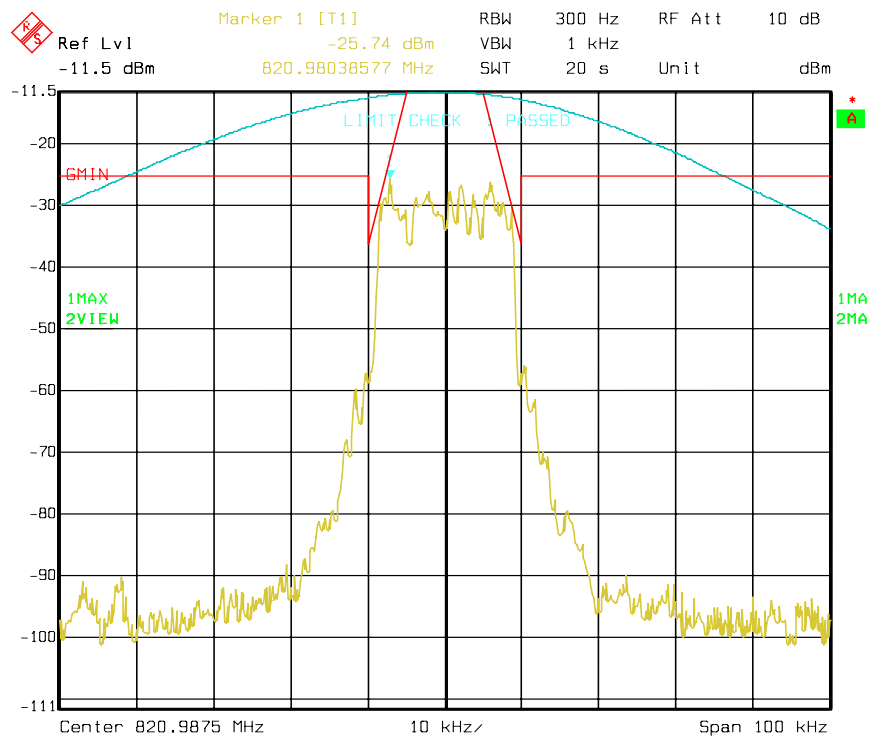


Figure 6a-2.3.2 WiDEN25 800 MHz Band, Quad-QPSK, Minimum Power, Emission Mask G

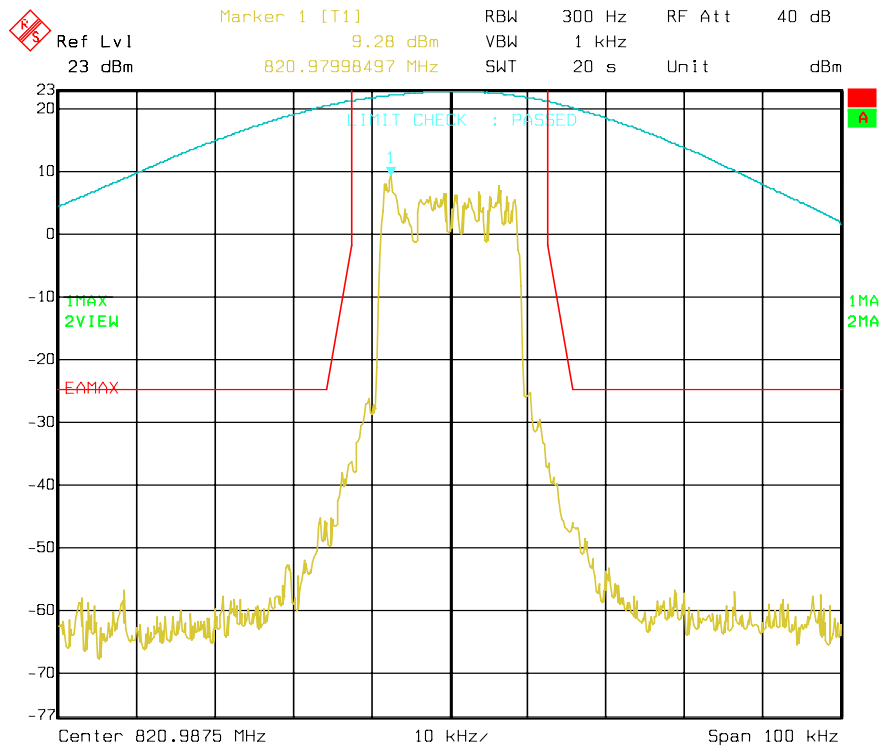


Figure 6a-2.3.3 WiDEN25 800 MHz Band, Quad-QPSK, Maximum Power, EA Emission Mask

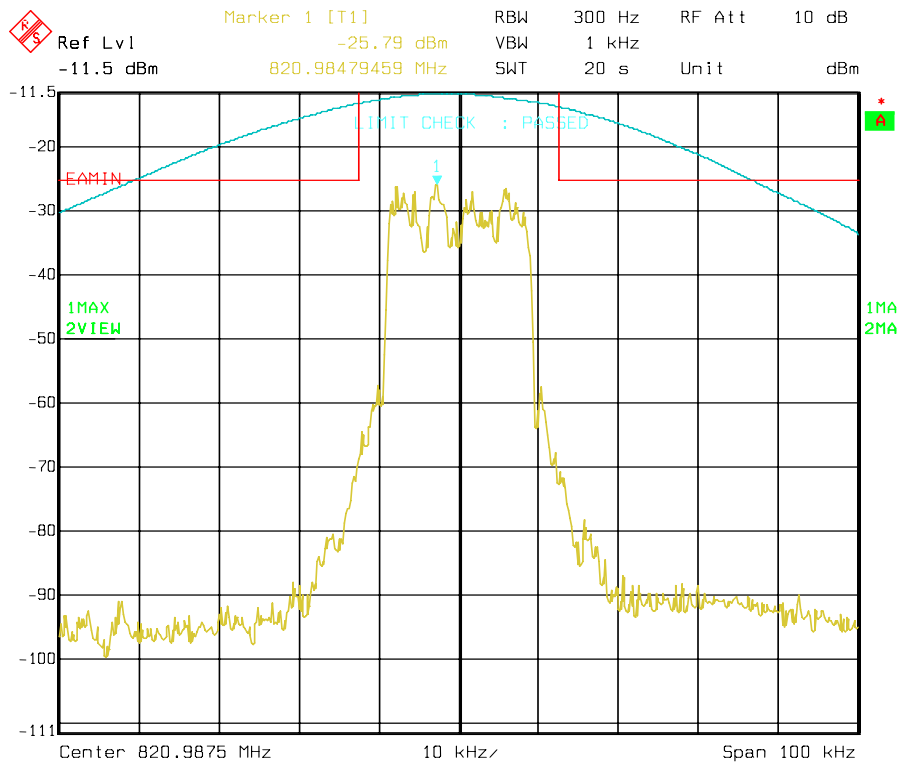


Figure 6a-2.3.4 WiDEN25 800 MHz Band, Quad-QPSK, Minimum Power, EA Emission Mask

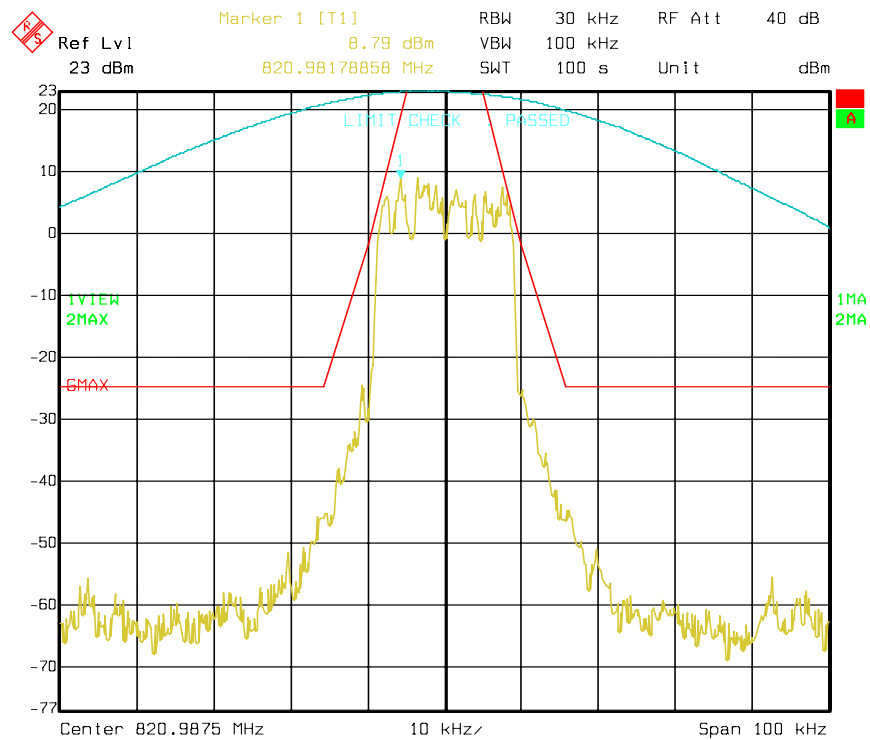


Figure 6a-2.3.5 WiDEN25 800 MHz Band, QAM16, Maximum Power, Emission Mask G

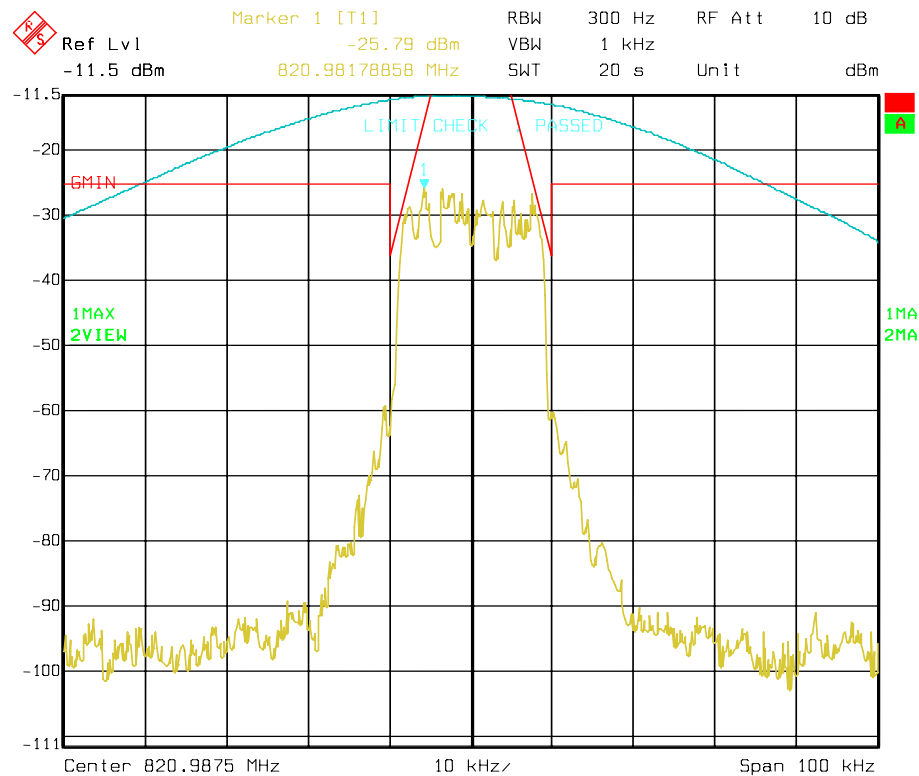


Figure 6a-2.3.6 WiDEN25 800 MHz Band, QAM16, Minimum Power, Emission Mask G

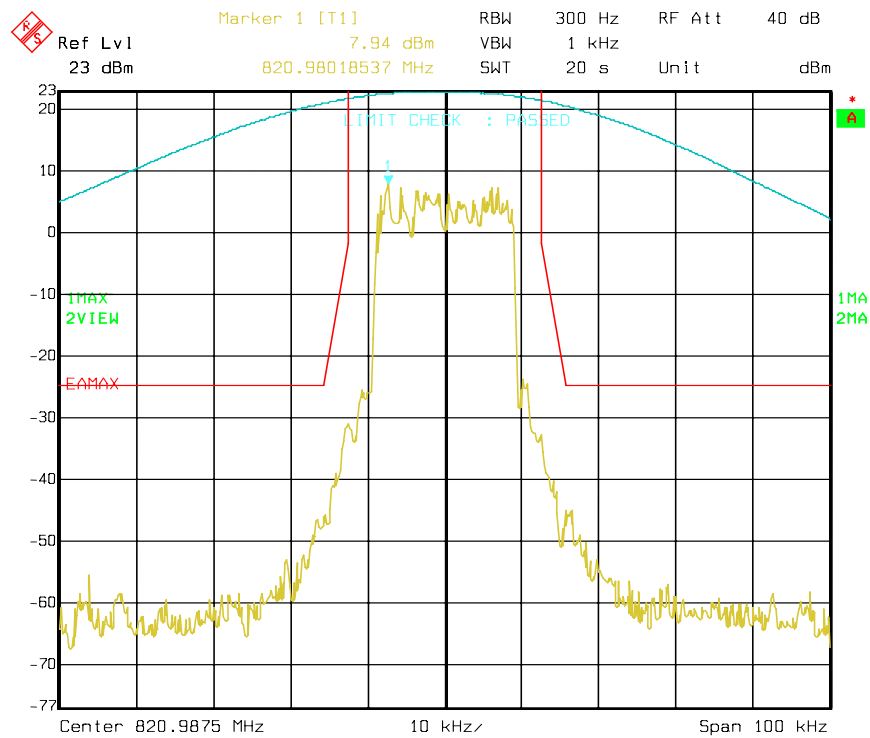


Figure 6a-2.3.7 WiDEN25 800 MHz Band, QAM16, Maximum Power, EA Emission Mask

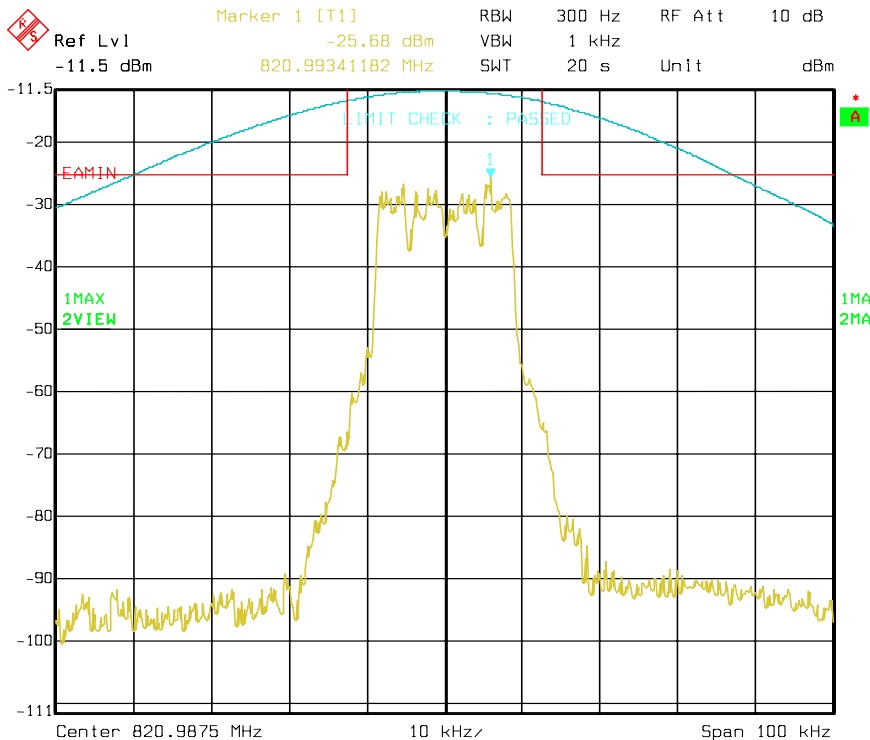


Figure 6a-2.3.8 WiDEN25 800 MHz Band, QAM16, Minimum Power, EA Emission Mask

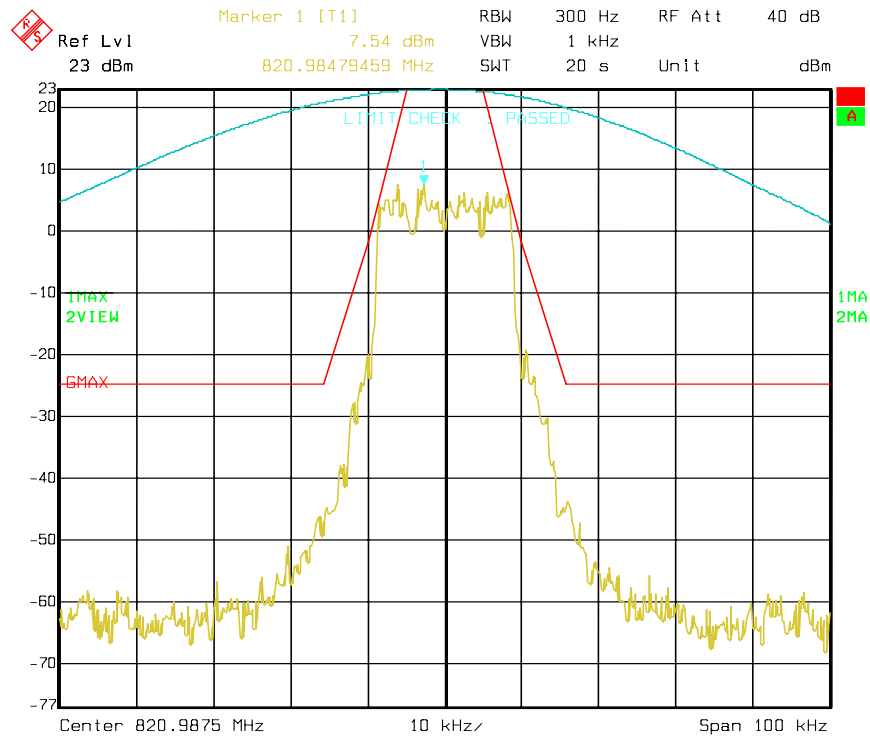


Figure 6a-2.3.9 WiDEN25 800 MHz Band, QAM64, Maximum Power, Emission Mask G

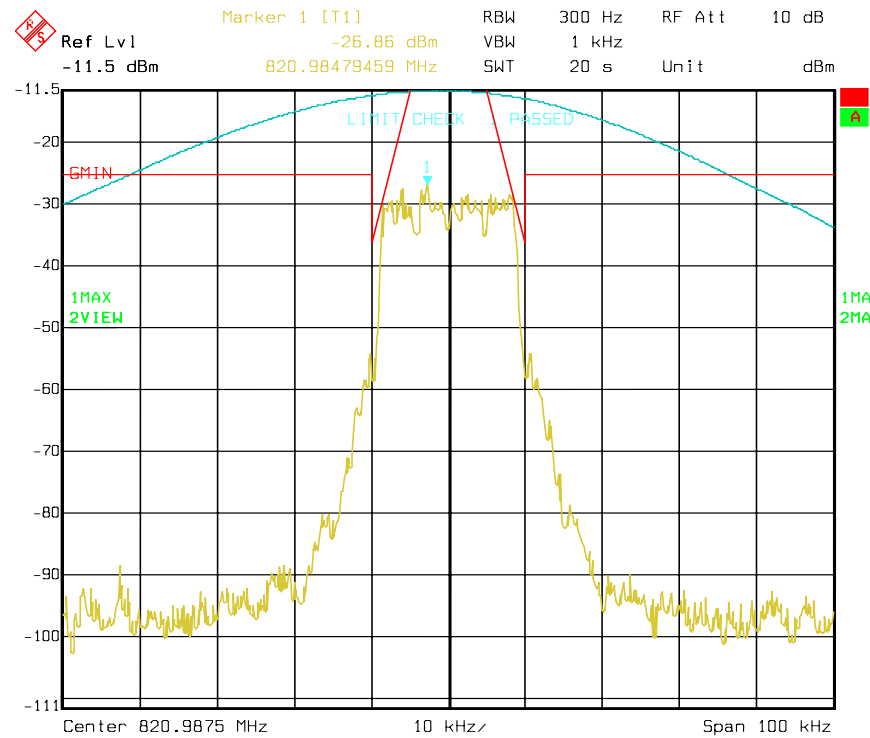


Figure 6a-2.3.10 WiDEN25 800 MHz Band, QAM64, Minimum Power, Emission Mask G

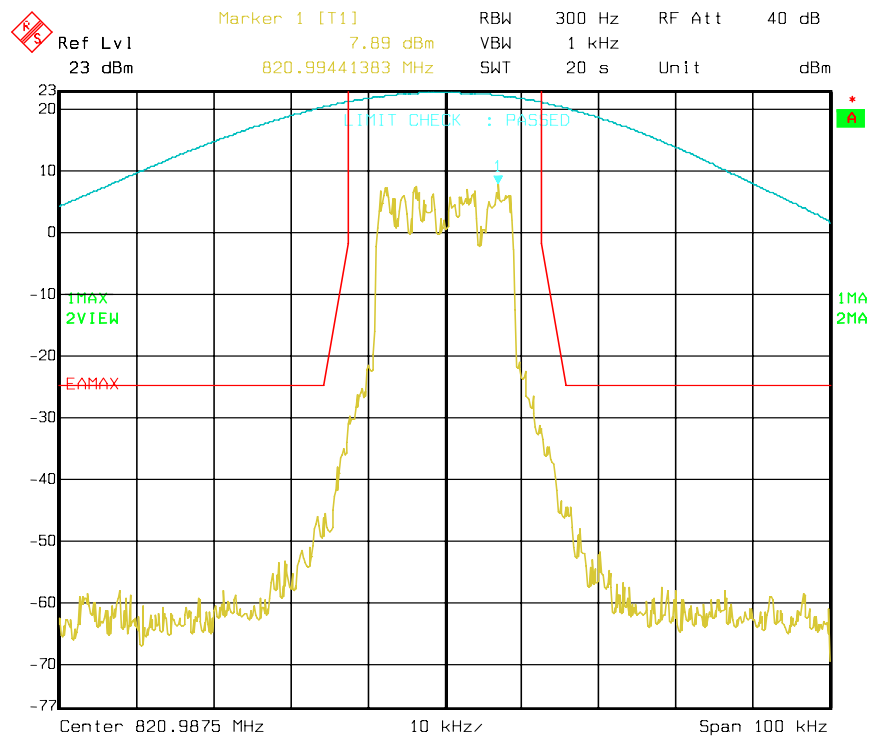


Figure 6a-2.3.11 WiDEN25 800 MHz Band, QAM64, Maximum Power, EA Emission Mask

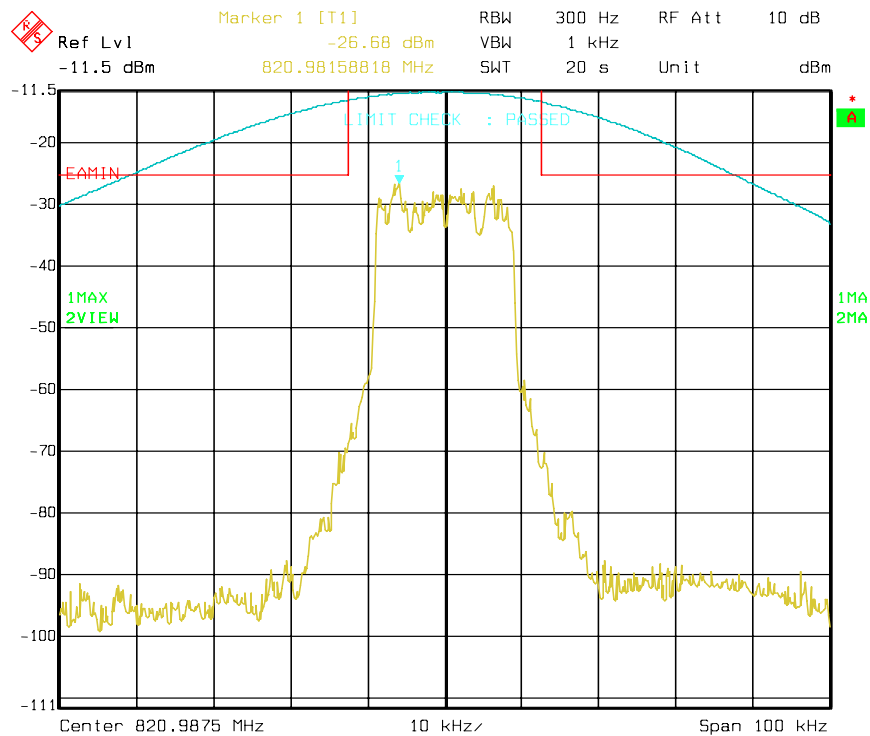


Figure 6a-2.3.12 WiDEN25 800 MHz Band, QAM64, Minimum Power, EA Emission Mask

6a.2.4 Emission Designator 43K3D7D - WiDEN50 800 MHz Band

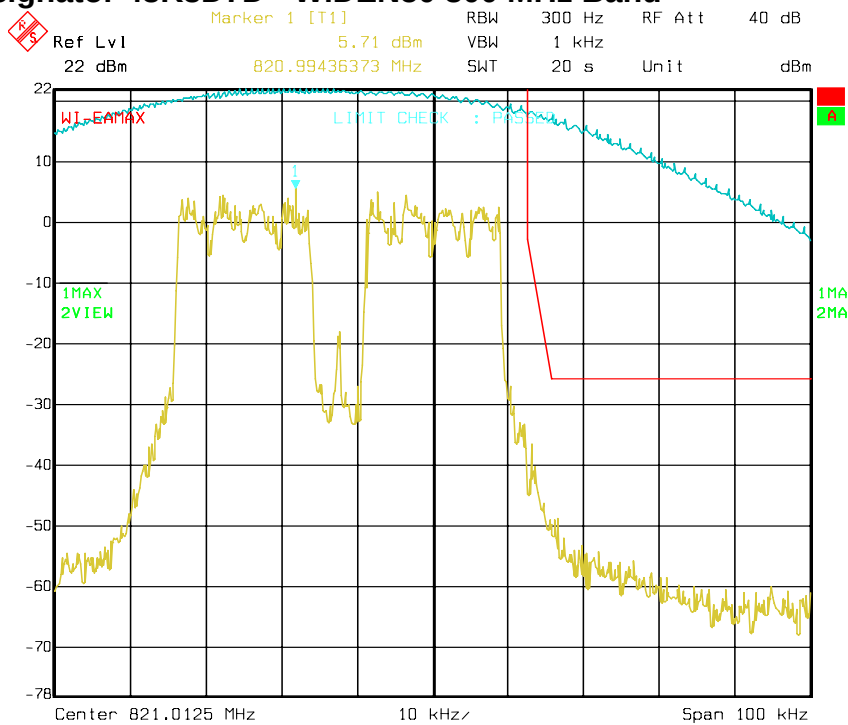


Figure 6a-2.4.1 WiDEN50 800 MHz Band, Continuous Quad-QPSK, Maximum Power, EA Emission Mask

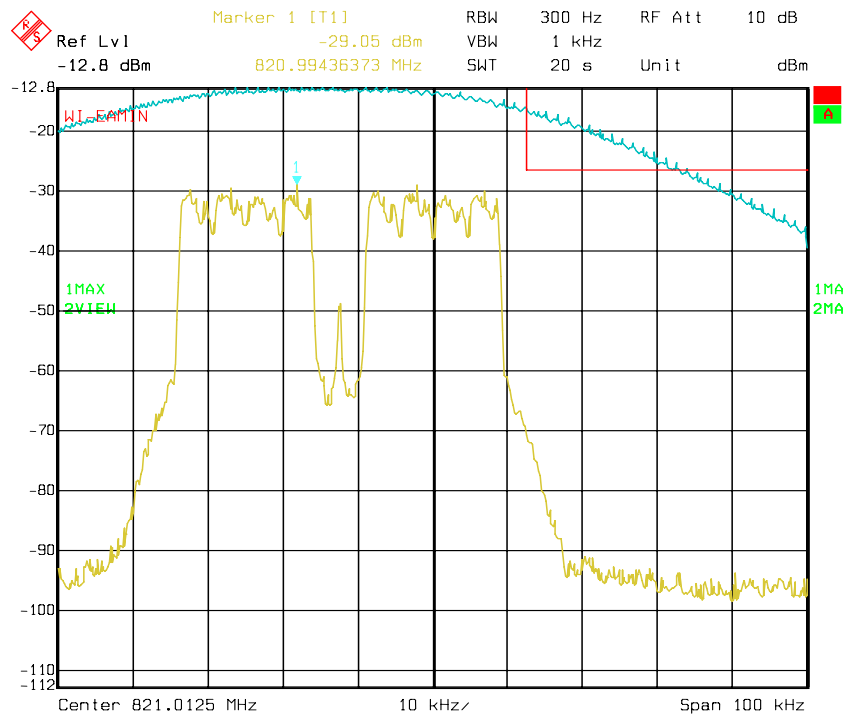


Figure 6a-2.4.2 WiDEN50 800 MHz Band, Continuous Quad-QPSK, Minimum Power, EA Emission Mask

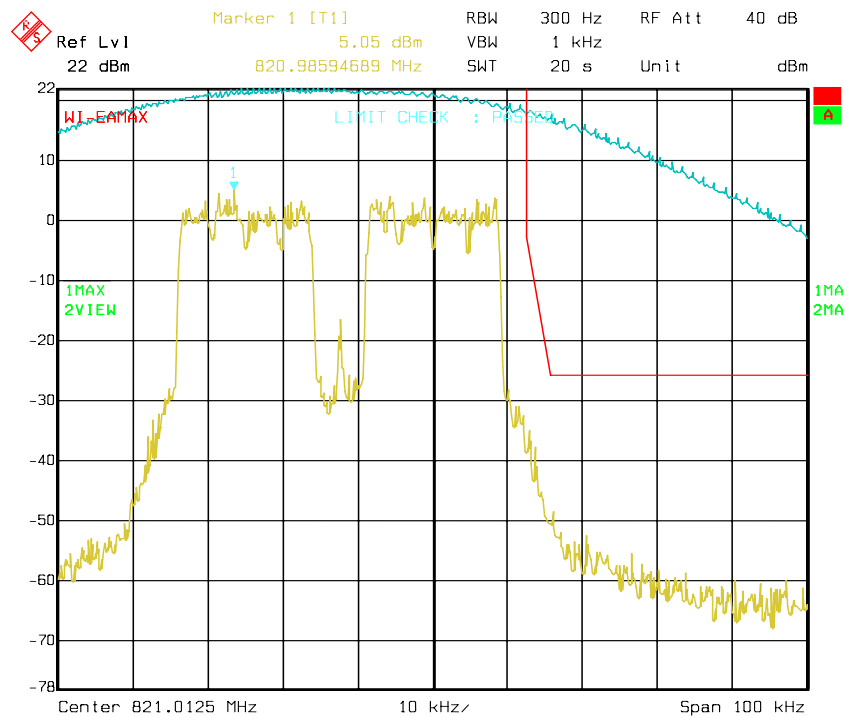


Figure 6a-2.4.3 WiDEN50 800 MHz Band, Continuous QAM16, Maximum Power, EA Emission Mask

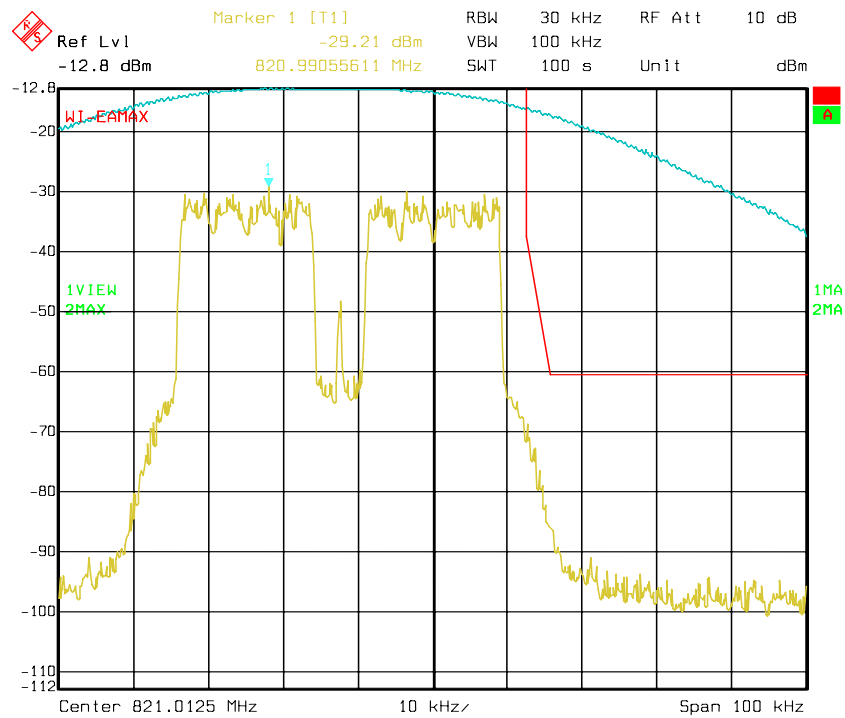


Figure 6a-2.4.4 WiDEN50 800 MHz Band, Continuous QAM16, Minimum Power, EA Emission Mask

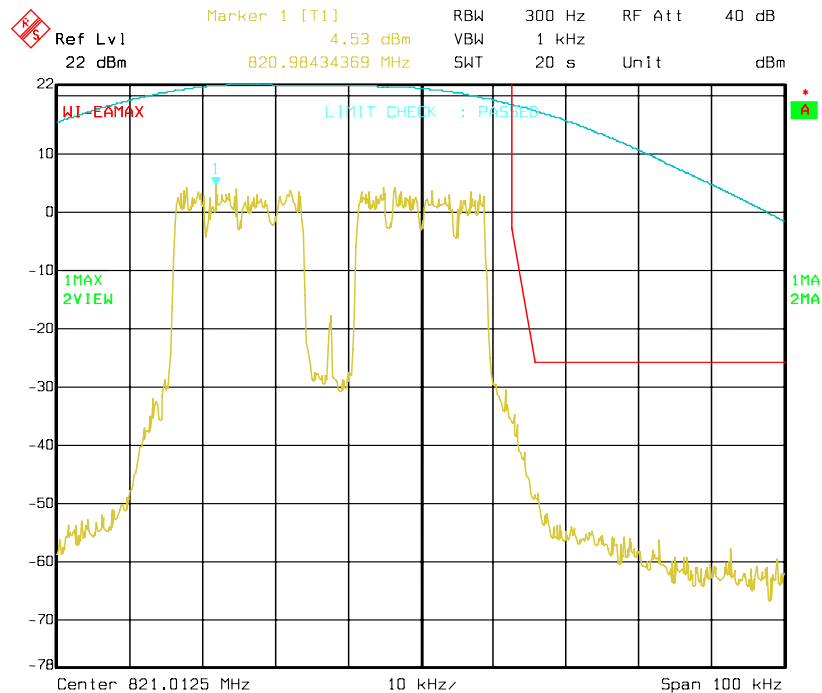


Figure 6a-2.4.5 WiDEN50 800 MHz Band, Continuous QAM64, Maximum Power, EA Emission Mask

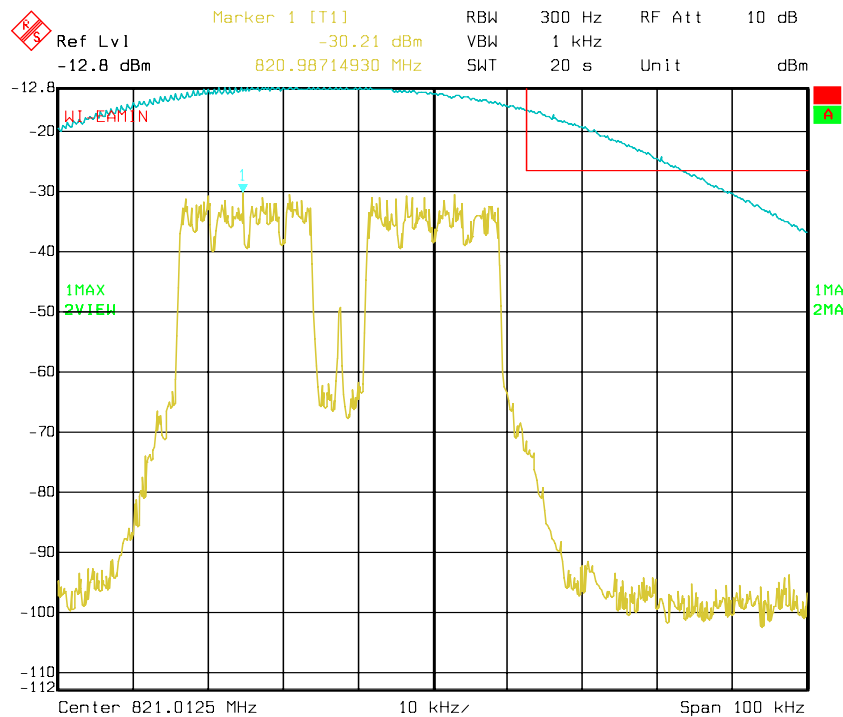


Figure 6a-2.4.6 WiDEN50 800 MHz Band, Continuous QAM64, Minimum Power, EA Emission Mask

6a.2.5 Emission Designator 68K3D7D - WiDEN75 800 MHz Band

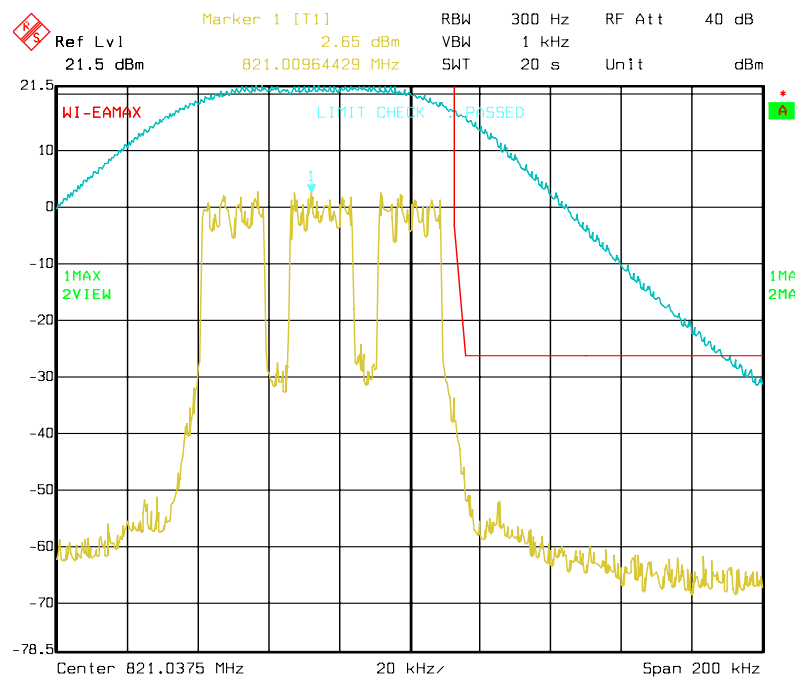


Figure 6a-2.5.1 WiDEN75 800 MHz Band, Quad-QPSK, Maximum Power, EA Emission Mask

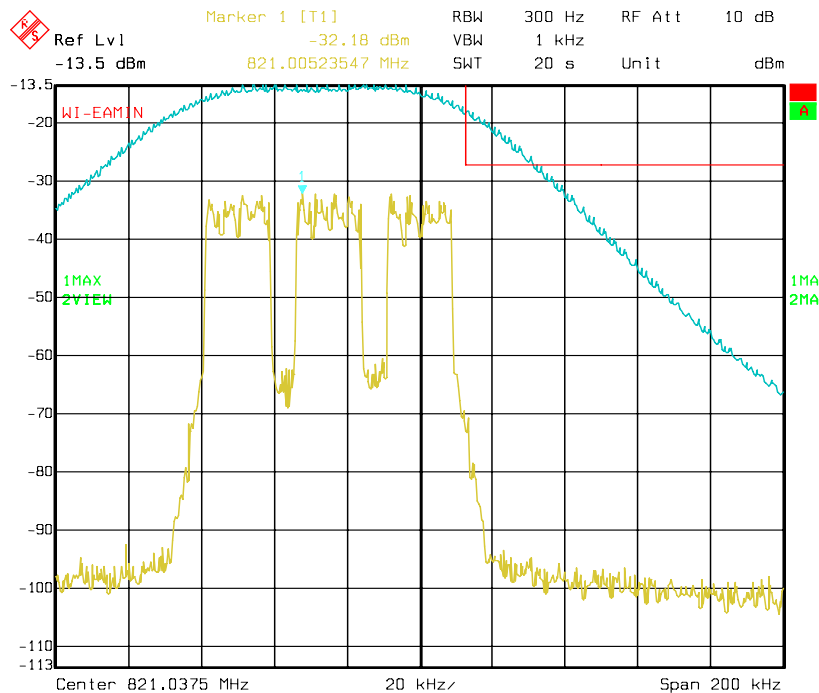


Figure 6a-2.5.2 WiDEN75 800 MHz Band, Quad-QPSK, Minimum Power, EA Emission Mask

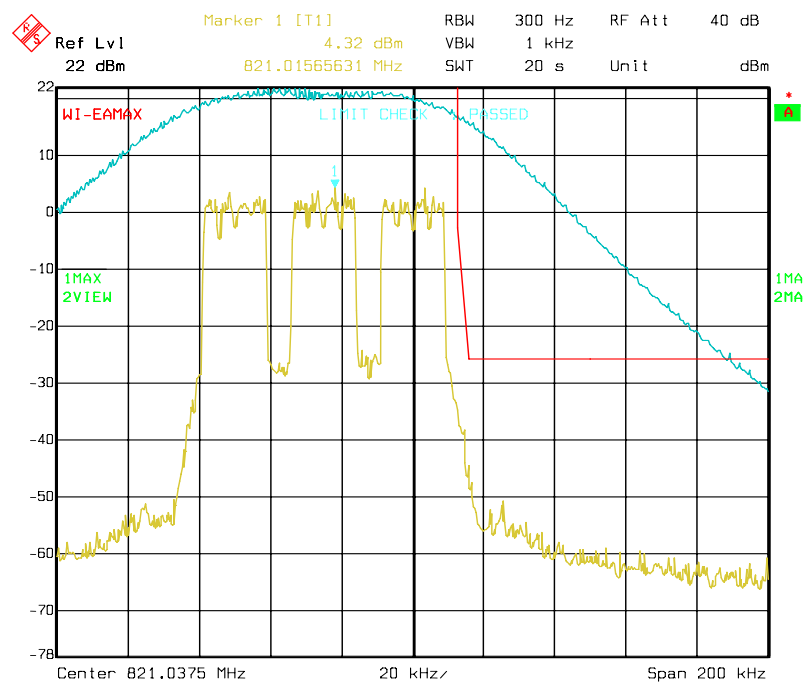


Figure 6a-2.5.3 WiDEN75 800 MHz Band, QAM16, Maximum Power, EA Emission Mask

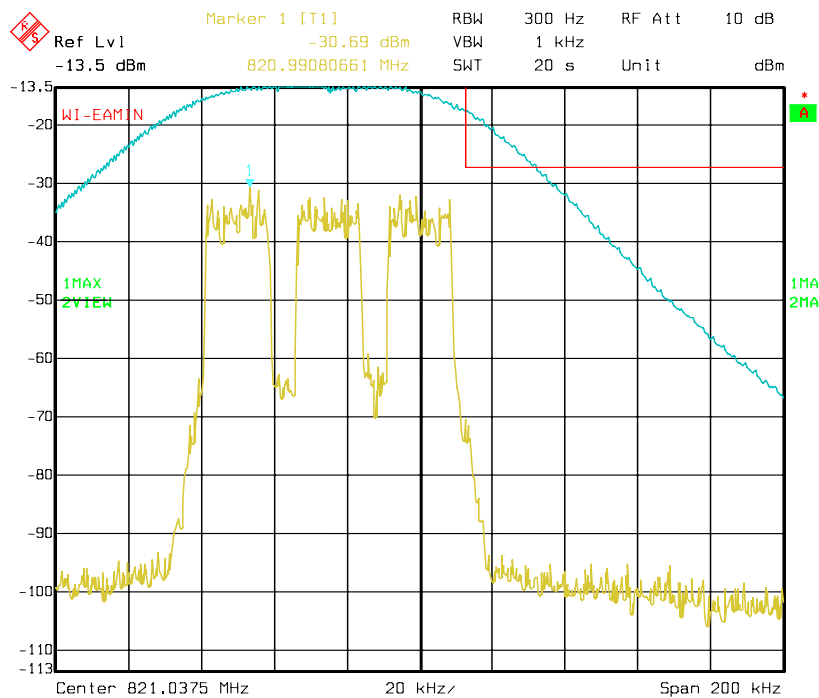


Figure 6a-2.5.4 WiDEN75 800 MHz Band, QAM16, Minimum Power, EA Emission Mask

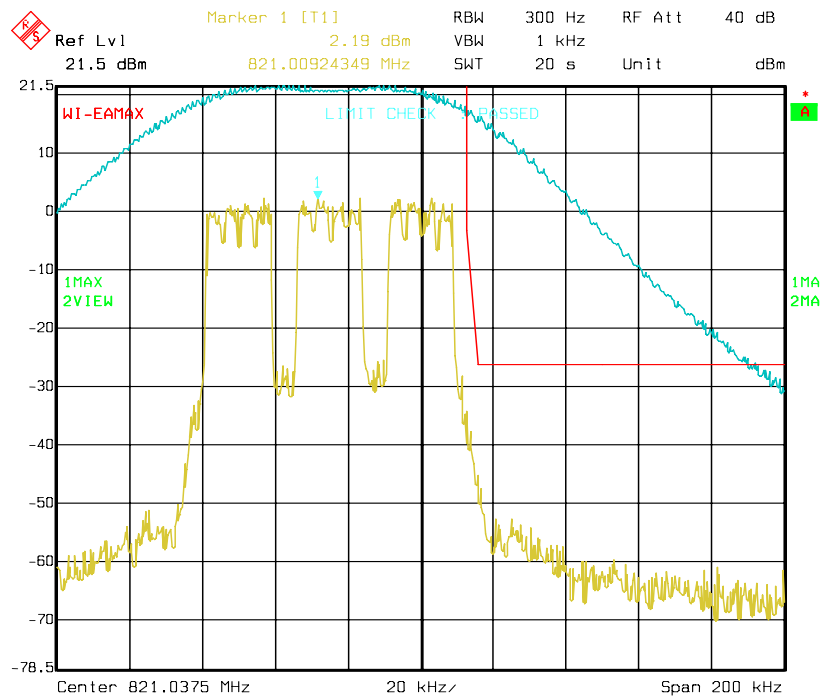


Figure 6a-2.5.5 WiDEN75 800 MHz Band, QAM64, Maximum Power, EA Emission Mask

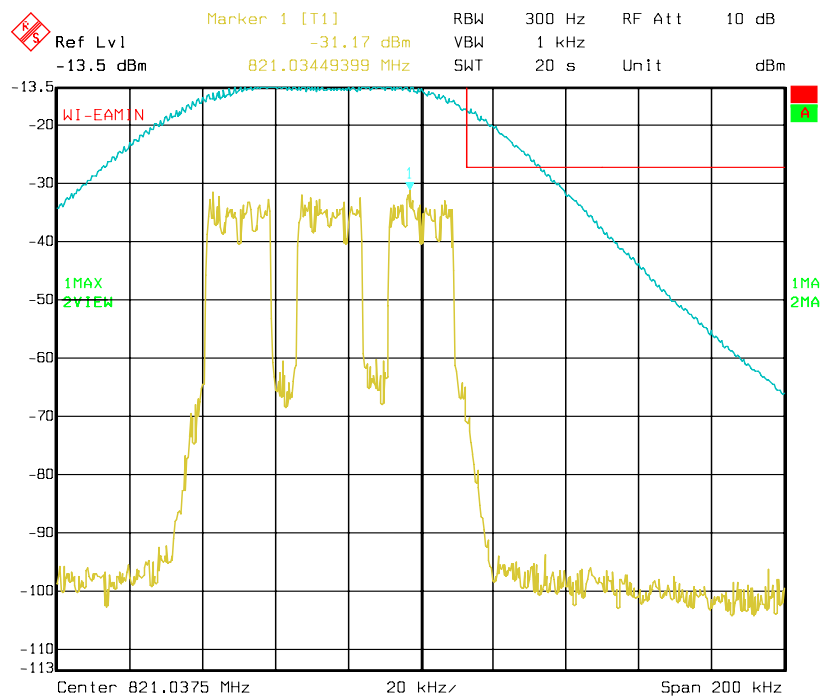


Figure 6a-2.5.6 WiDEN75 800 MHz Band, QAM64, Minimum Power, EA Emission Mask

6a.2.6 Emission Designator 93K3D7D - WiDEN100 800 MHz Band

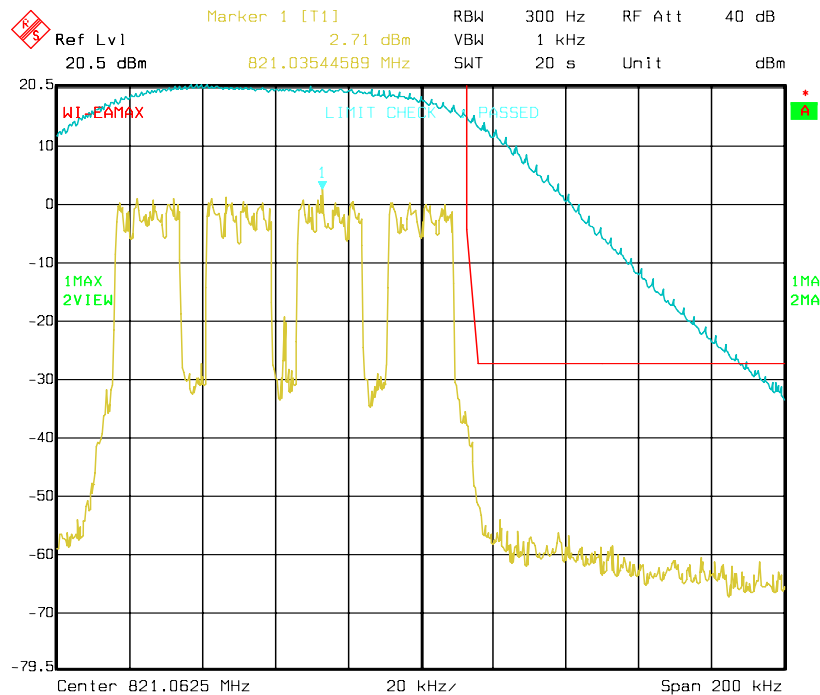


Figure 6a-2.6.1 WiDEN100 800 MHz Band, Quad-QPSK, Maximum Power, EA Emission Mask

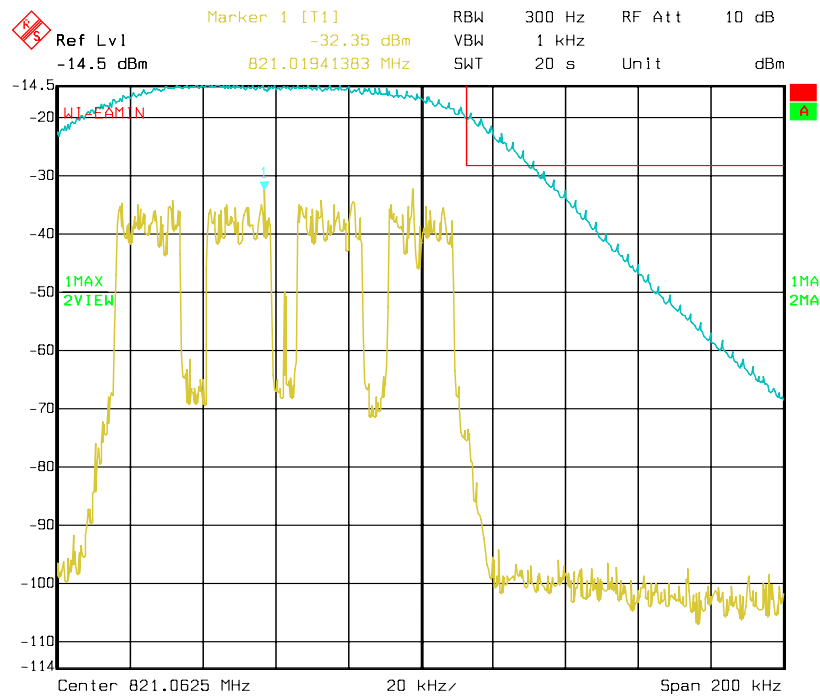


Figure 6a-2.6.2 WiDEN100 800 MHz Band, Quad-QPSK, Minimum Power, EA Emission Mask

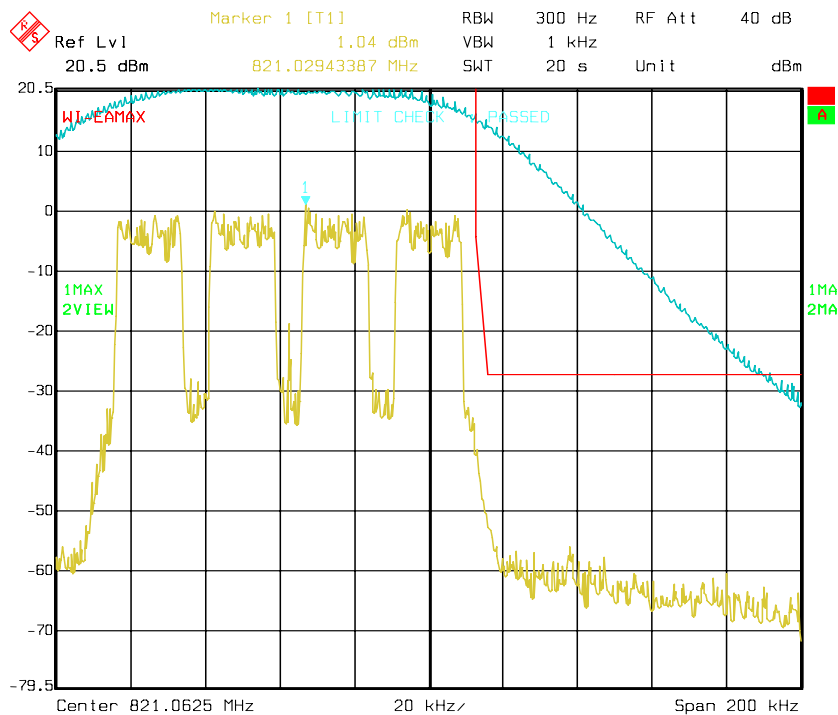


Figure 6a-2.6.3 WiDEN100 800 MHz Band, QAM16, Maximum Power, EA Emission Mask

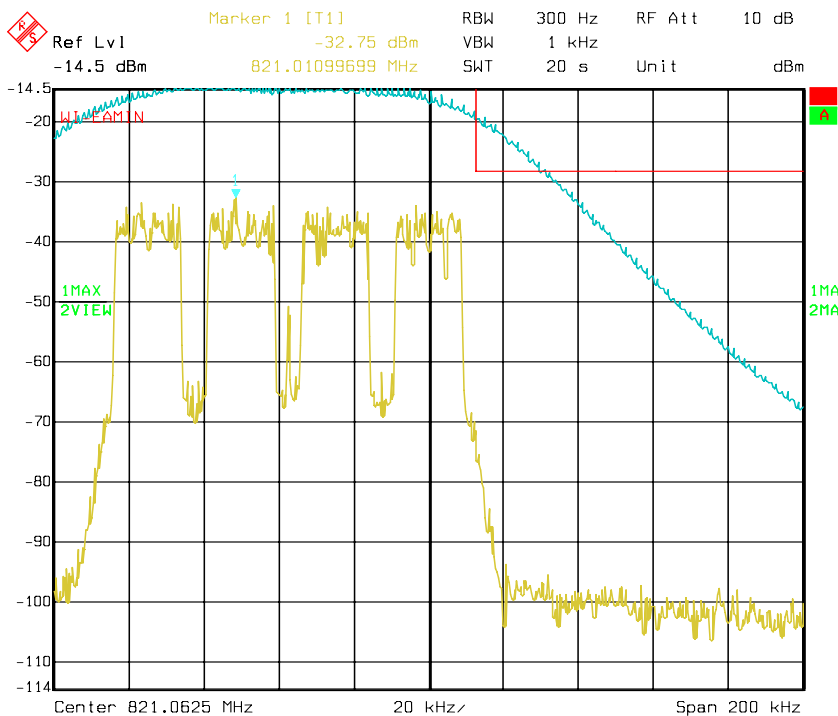


Figure 6a-2.6.4 WiDEN100 800 MHz Band, QAM16, Minimum Power, EA Emission Mask

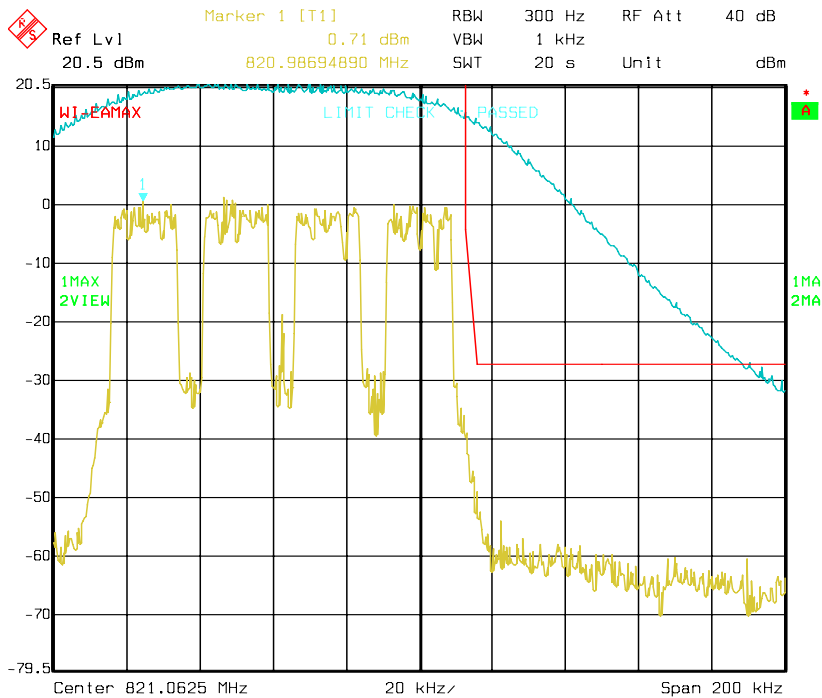


Figure 6a-2.6.5 WiDEN100 800 MHz Band, QAM64, Maximum Power, EA Emission Mask

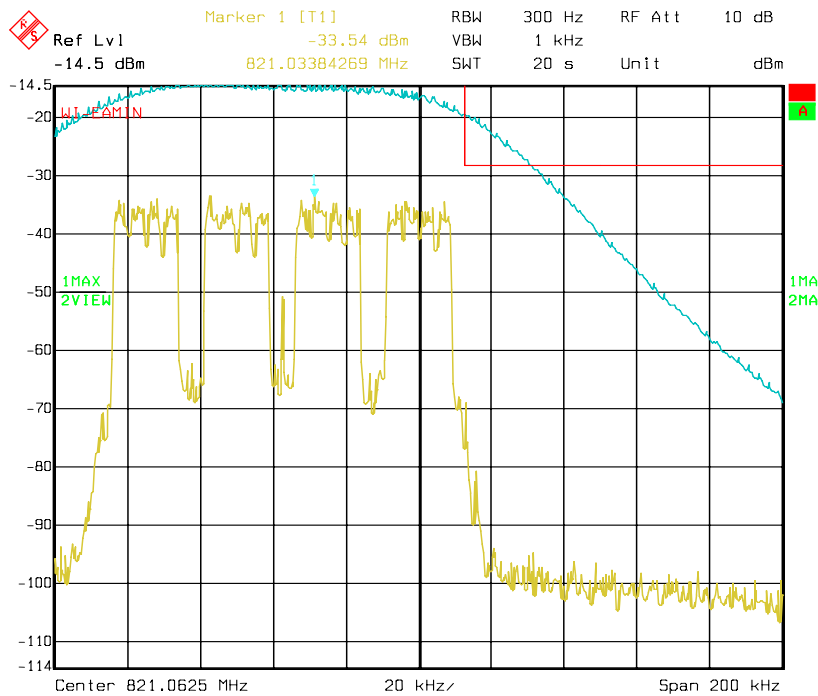


Figure 6a-2.6.6 WiDEN100 800 MHz Band, QAM64, Minimum Power, EA Emission Mask

6a.2.7 Emission Designator 93K3D7D - WiDEN50_Split 800 MHz Band

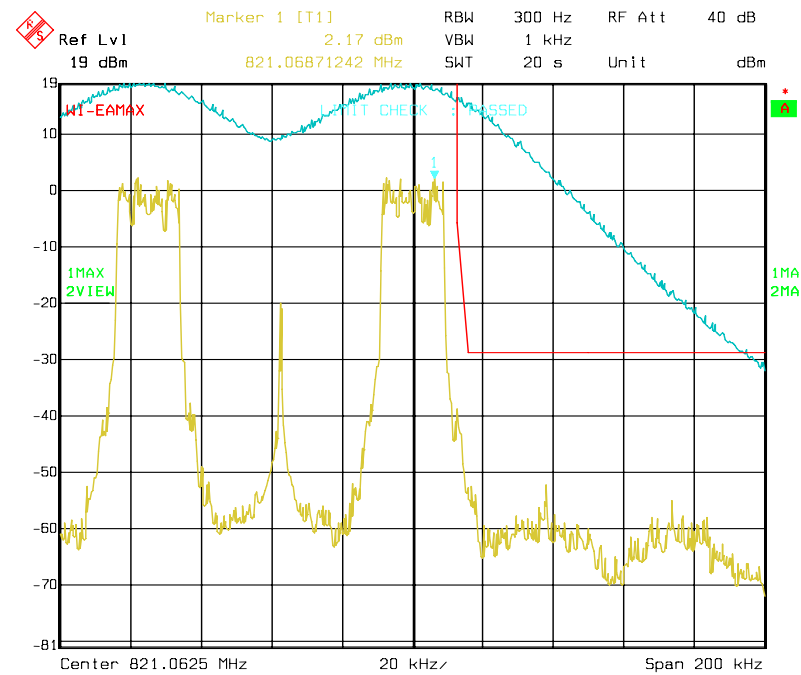


Figure 6a-2.7.1 WiDEN50_Split 800 MHz Band, Quad-QPSK, Maximum Power, EA Emission Mask

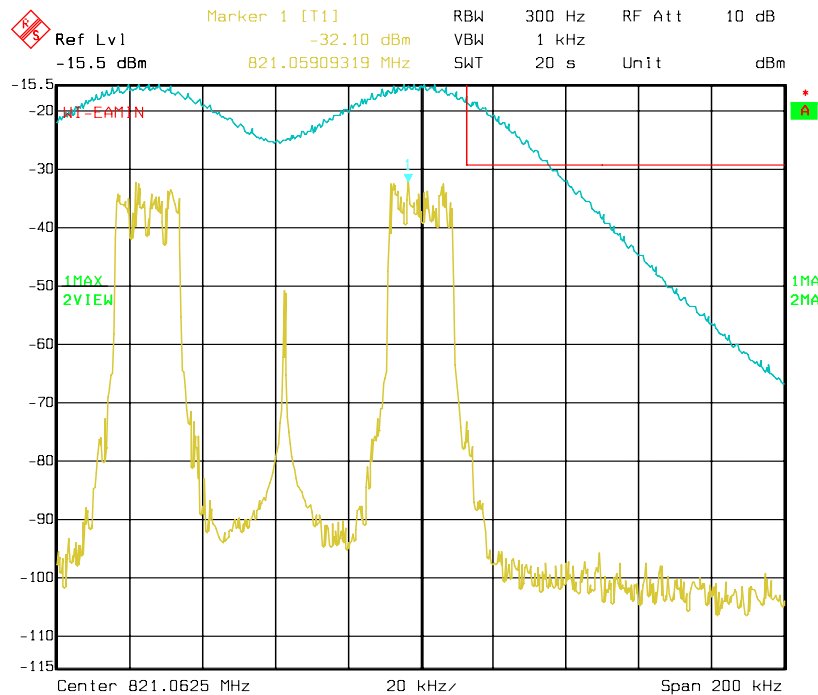


Figure 6a-2.7.2 WiDEN50_Split 800 MHz Band, Quad-QPSK, Minimum Power, EA Emission Mask



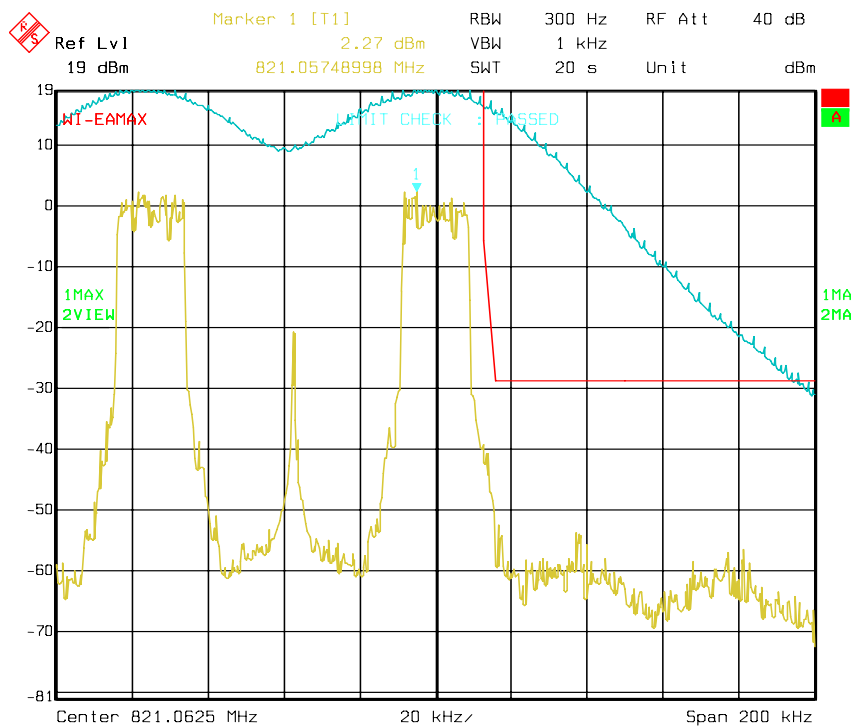


Figure 6a-2.7.5 WiDEN50_Split 800 MHz Band, QAM64, Maximum Power, EA Emission Mask

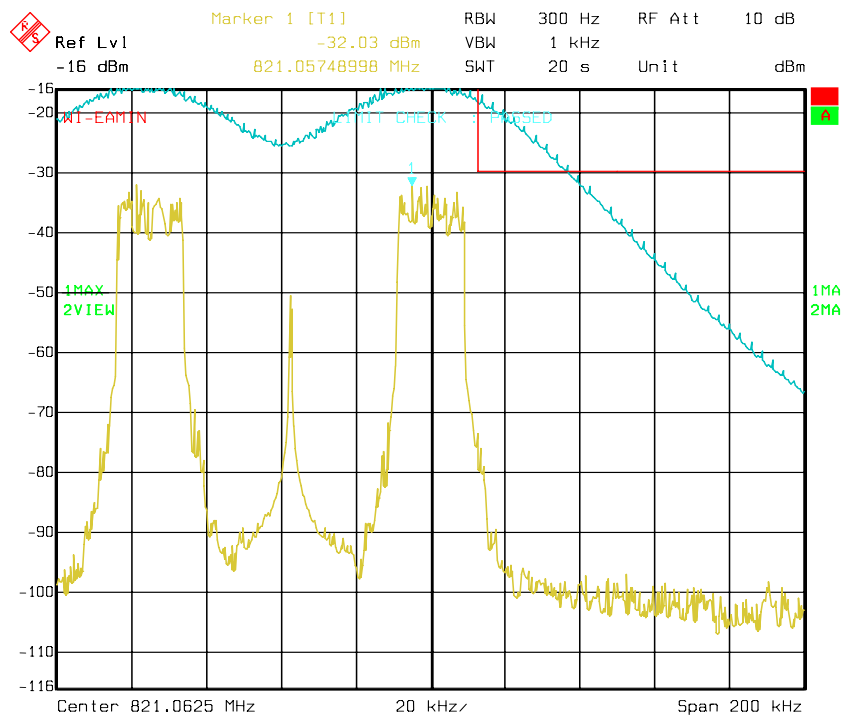


Figure 6a-2.7.6 WiDEN50_Split 800 MHz Band, QAM64, Minimum Power, EA Emission Mask

6a.2.8 Emission Designator 18K3D7W - WiDEN25 900 MHz Band

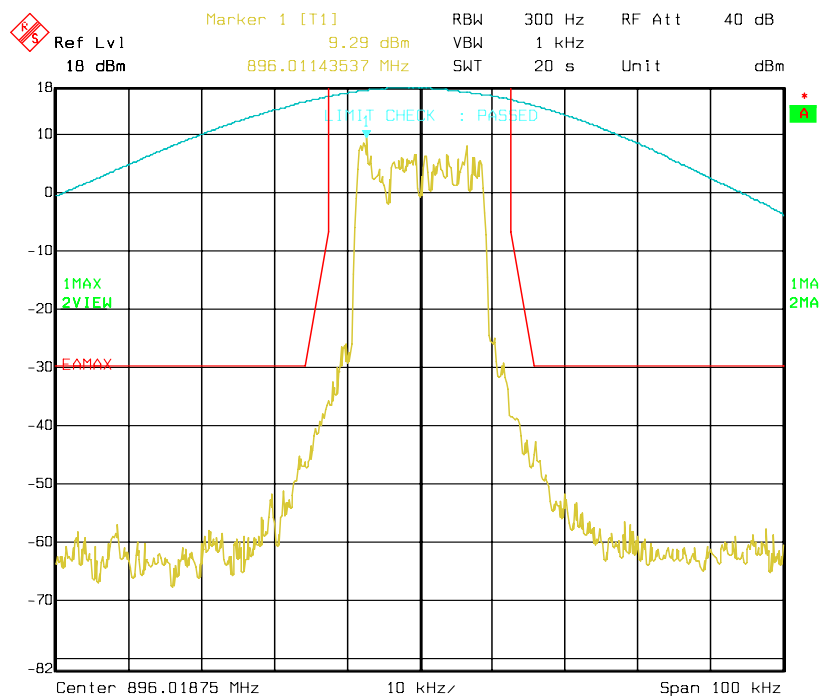


Figure 6a-2.8.1 WiDEN25 900 MHz Band, Quad-QPSK, Maximum Power, EA Emission Mask

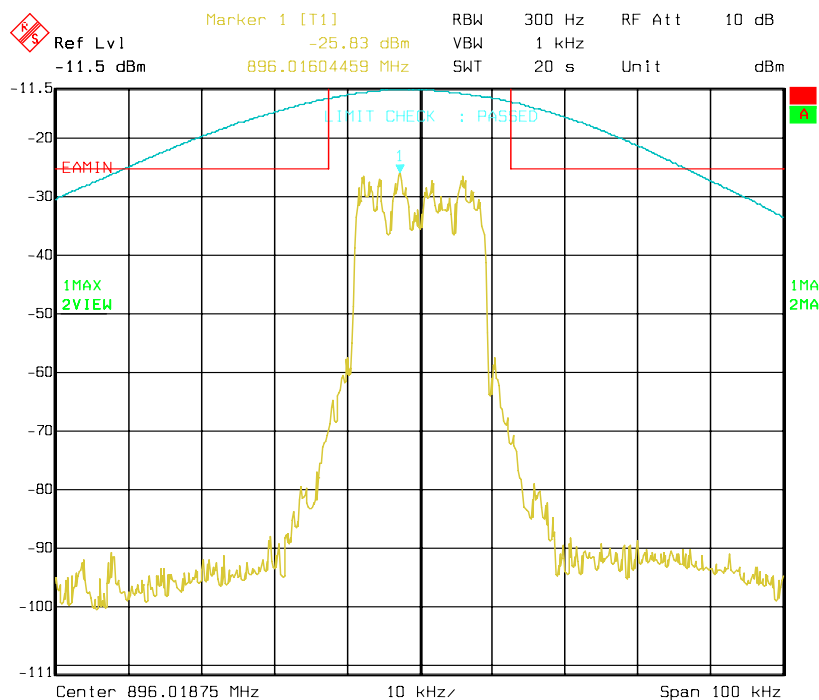


Figure 6a-2.8.2 WiDEN25 900 MHz Band, Quad-QPSK, Minimum Power, EA Emission Mask

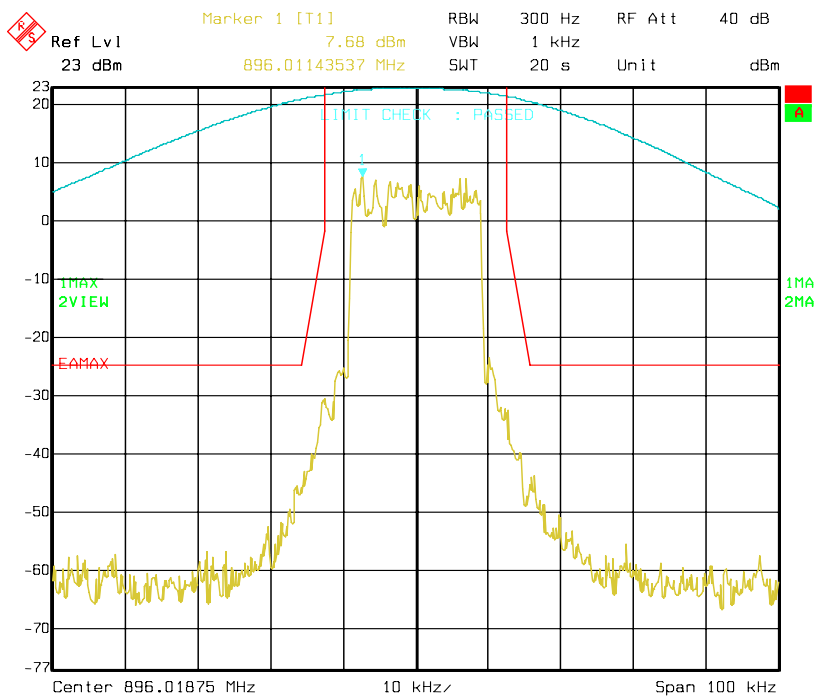


Figure 6a-2.8.3 WiDEN25 900 MHz Band, QAM16, Maximum Power, EA Emission Mask

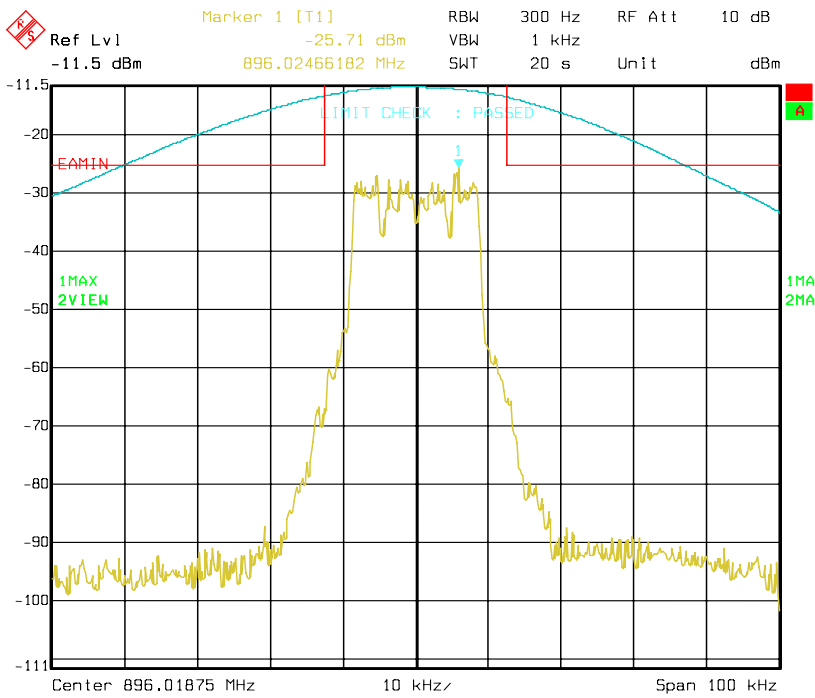


Figure 6a-2.8.4 WiDEN25 900 MHz Band, QAM16, Minimum Power, EA Emission Mask

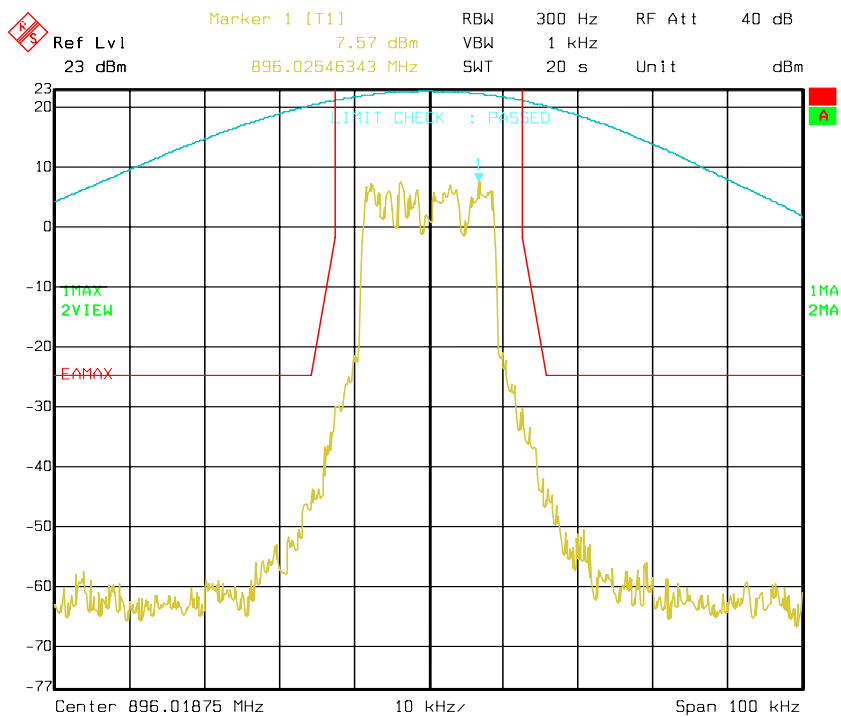


Figure 6a-2.8.5 WiDEN25 900 MHz Band, QAM64, Maximum Power, EA Emission Mask

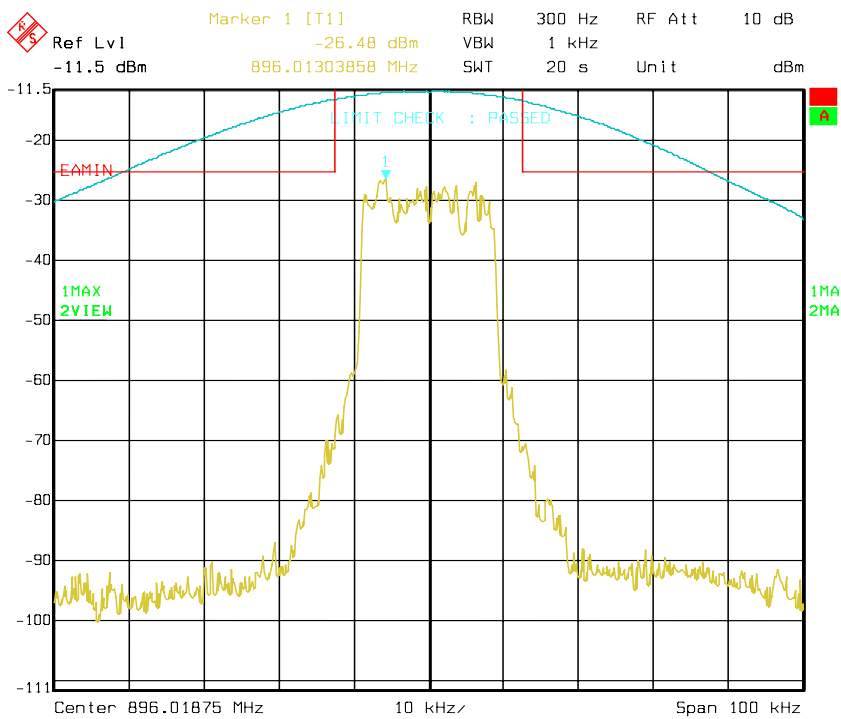


Figure 6a-2.8.6 WiDEN25 900 MHz Band, QAM64, Minimum Power, EA Emission Mask

6a.2.9 Emission Designator 43K3D7D - WiDEN50 900 MHz Band

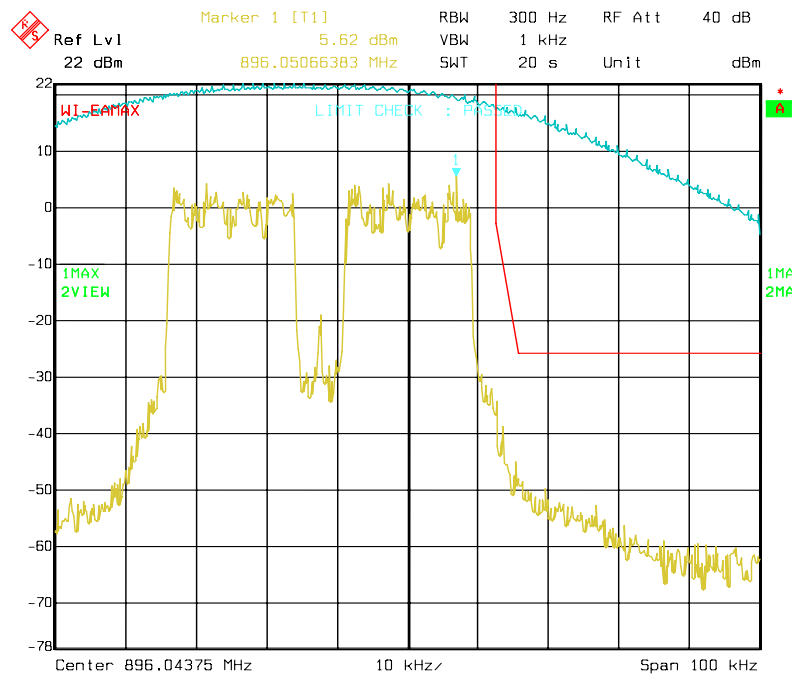


Figure 6a-2.9.1 WiDEN50 900 MHz Band, Continuous Quad-QPSK, Maximum Power, EA Emission Mask

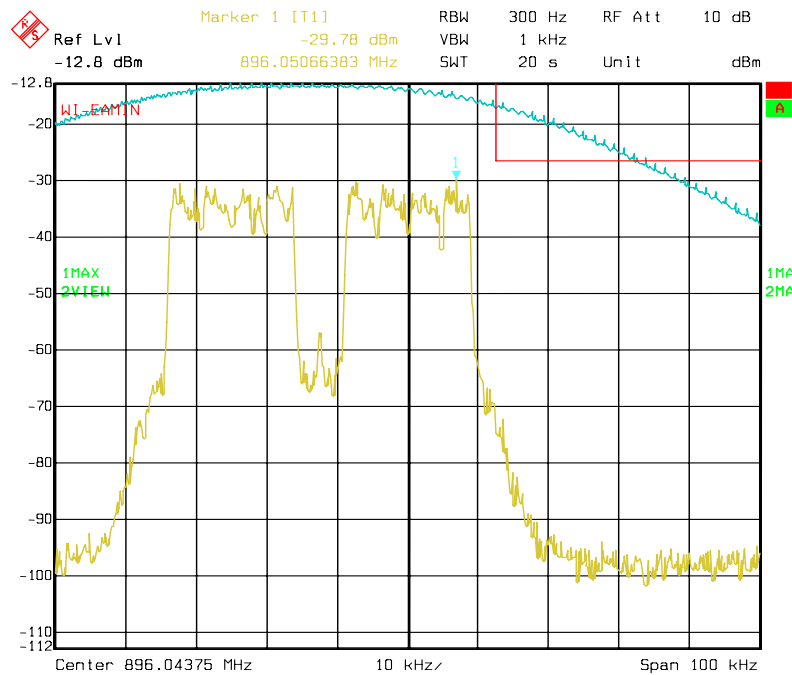


Figure 6a-2.9.2 WiDEN50 900 MHz Band, Continuous Quad-QPSK, Minimum Power, EA Emission Mask

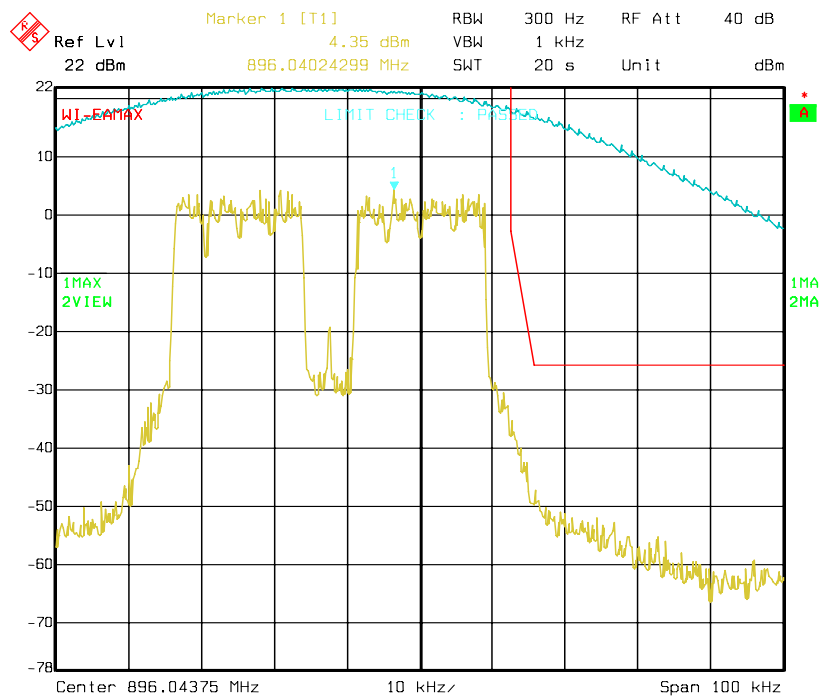


Figure 6a-2.9.3 WiDEN50 900 MHz Band, Continuous QAM16, Maximum Power, EA Emission Mask

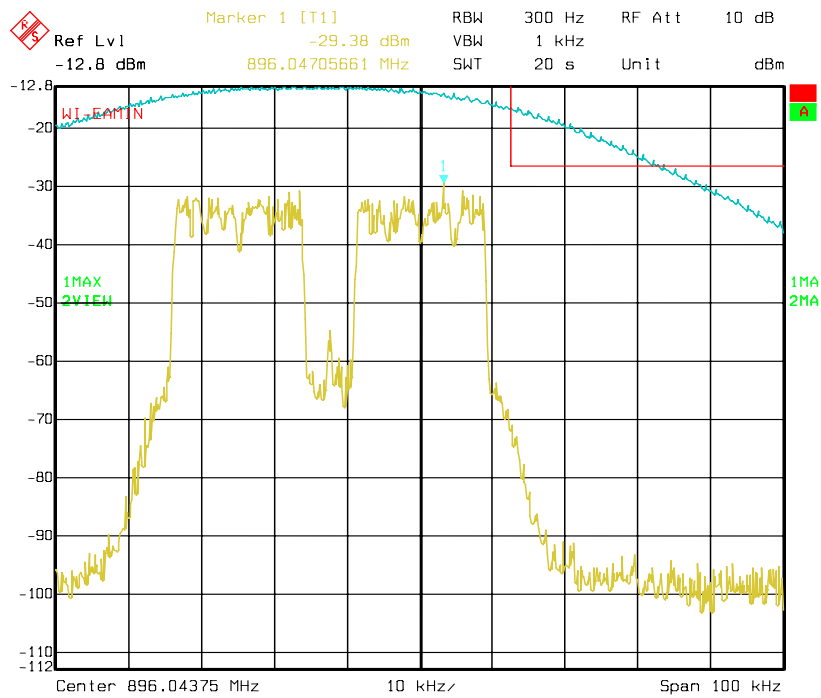


Figure 6a-2.9.4 WiDEN50 900 MHz Band, Continuous QAM16, Minimum Power, EA Emission Mask

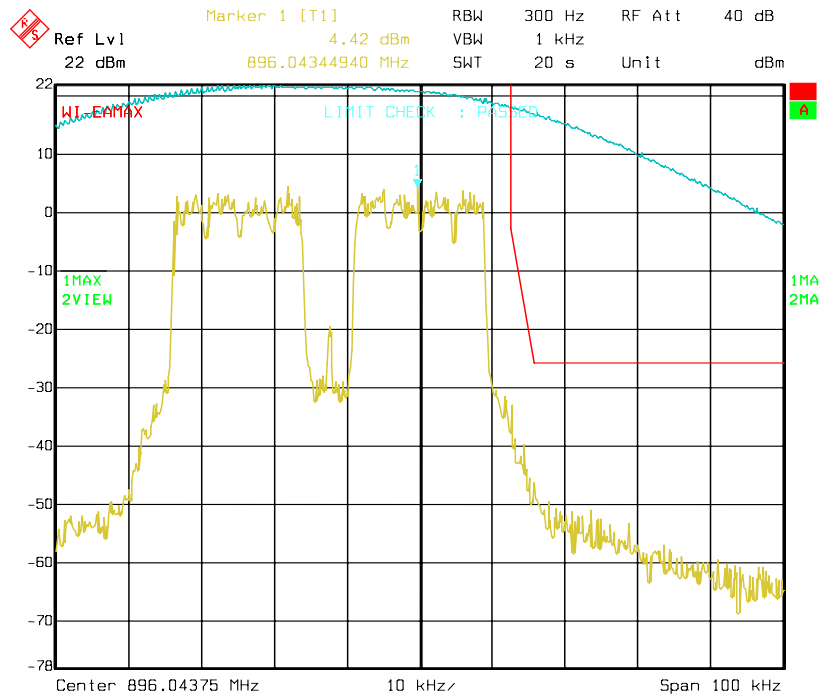


Figure 6a-2.9.5 WiDEN50 900 MHz Band, Continuous QAM64, Maximum Power, EA Emission Mask

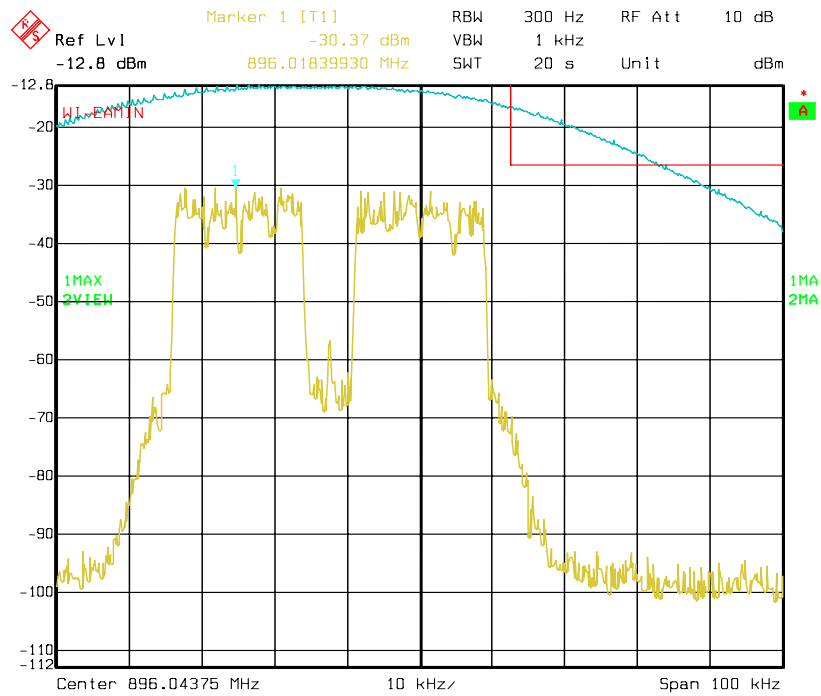


Figure 6a-2.9.6 WiDEN50 900 MHz Band, Continuous QAM64, Minimum Power, EA Emission Mask

6a.2.10 Emission Designator 68K3D7D - WiDEN75 900 MHz Band

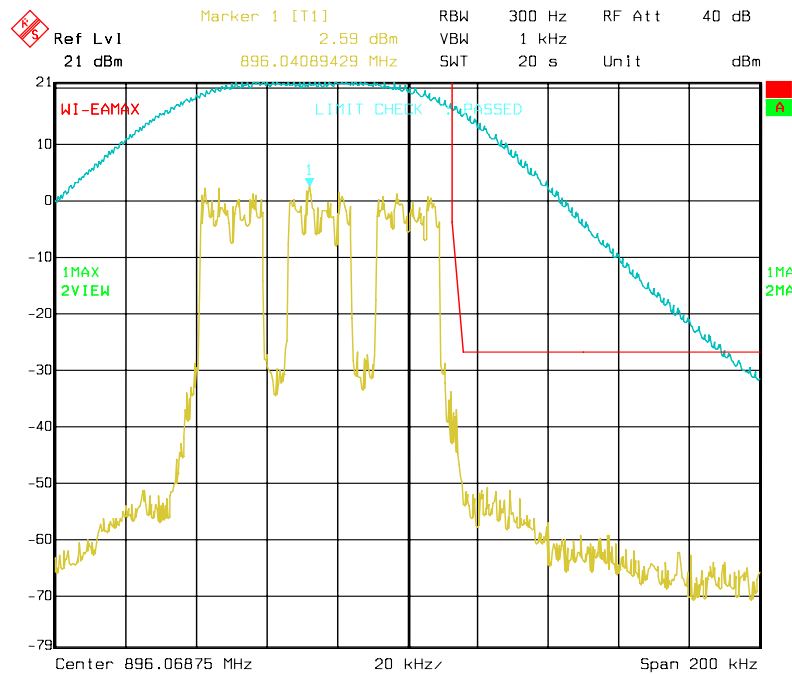


Figure 6a-2.10.1 WiDEN75 900 MHz Band, Quad-QPSK, Maximum Power, EA Emission Mask

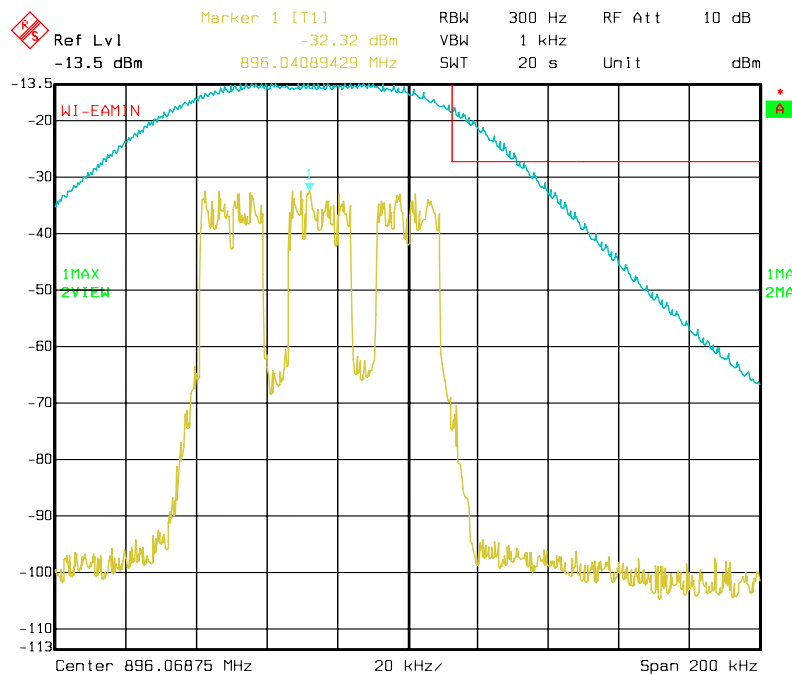


Figure 6a-2.10.2 WiDEN75 900 MHz Band, Quad-QPSK, Minimum Power, EA Emission Mask

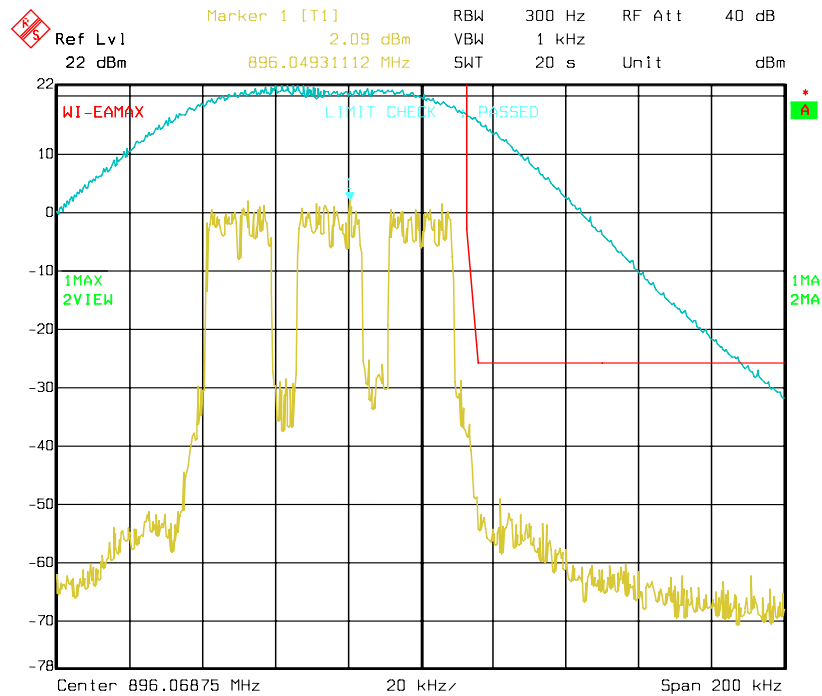


Figure 6a-2.10.3 WiDEN75 900 MHz Band, QAM16, Maximum Power, EA Emission Mask

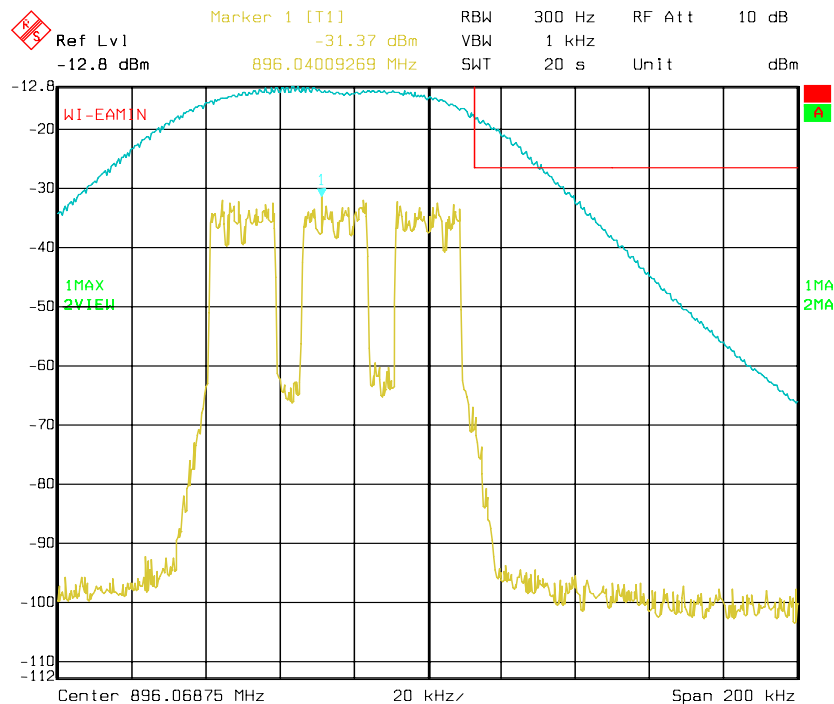


Figure 6a-2.10.4 WiDEN75 900 MHz Band, QAM16, Minimum Power, EA Emission Mask

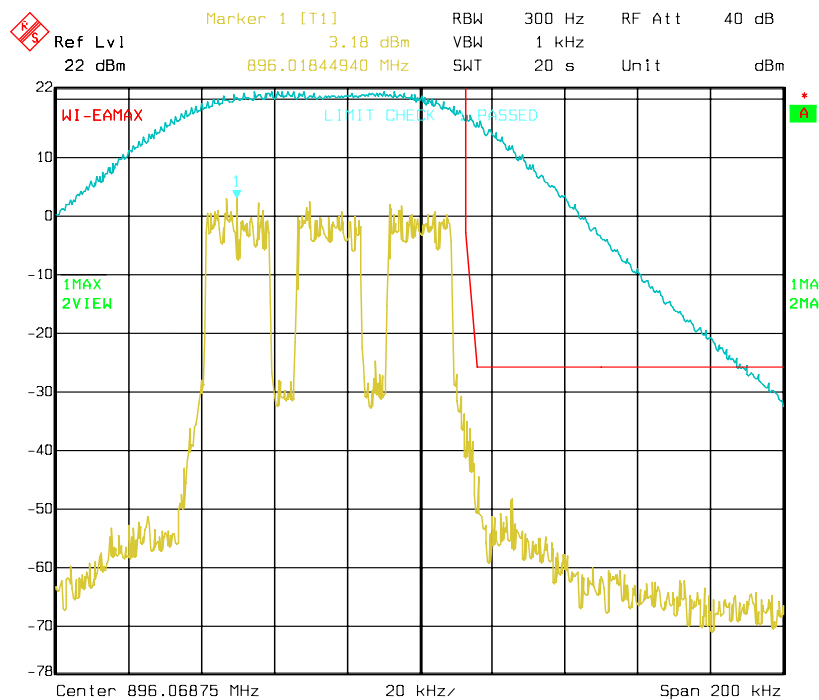


Figure 6a-2.10.5 WiDEN75 900 MHz Band, QAM64, Maximum Power, EA Emission Mask

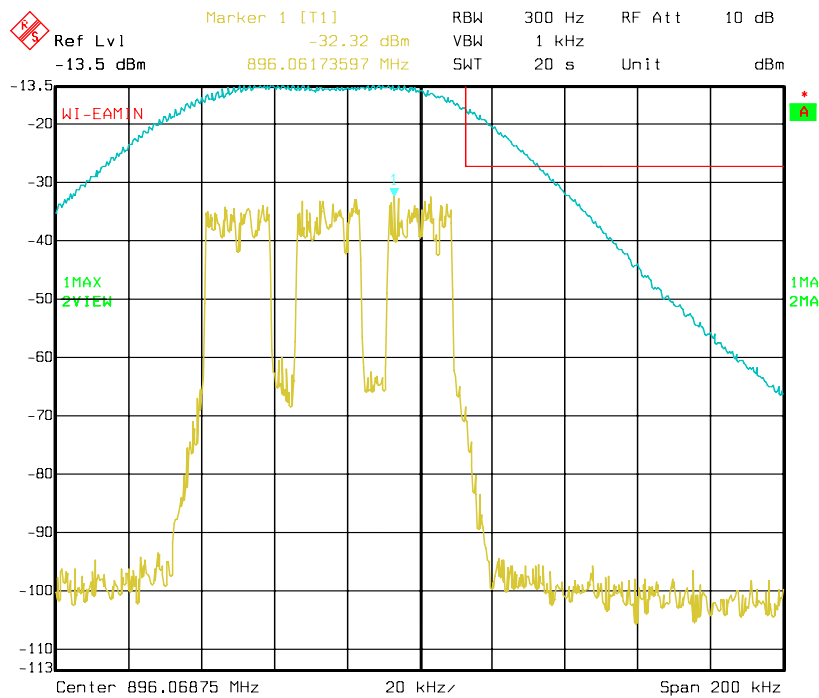


Figure 6a-2.10.6 WiDEN75 900 MHz Band, QAM64, Minimum Power, EA Emission Mask

6a.2.11 Emission Designator 93K3D7D - WiDEN100 900 MHz Band

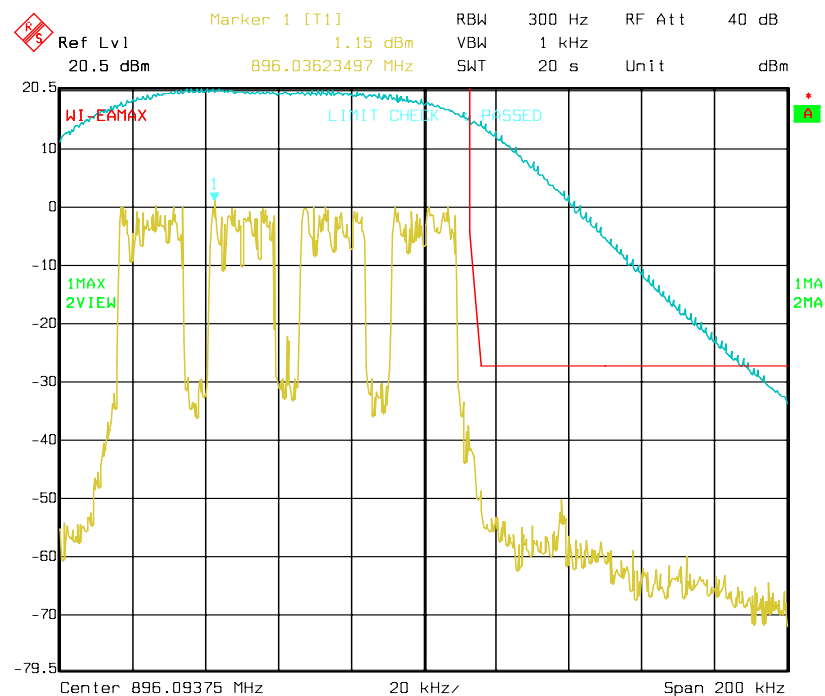


Figure 6a-2.11.1 WiDEN100 900 MHz Band, Quad-QPSK, Maximum Power, EA Emission Mask

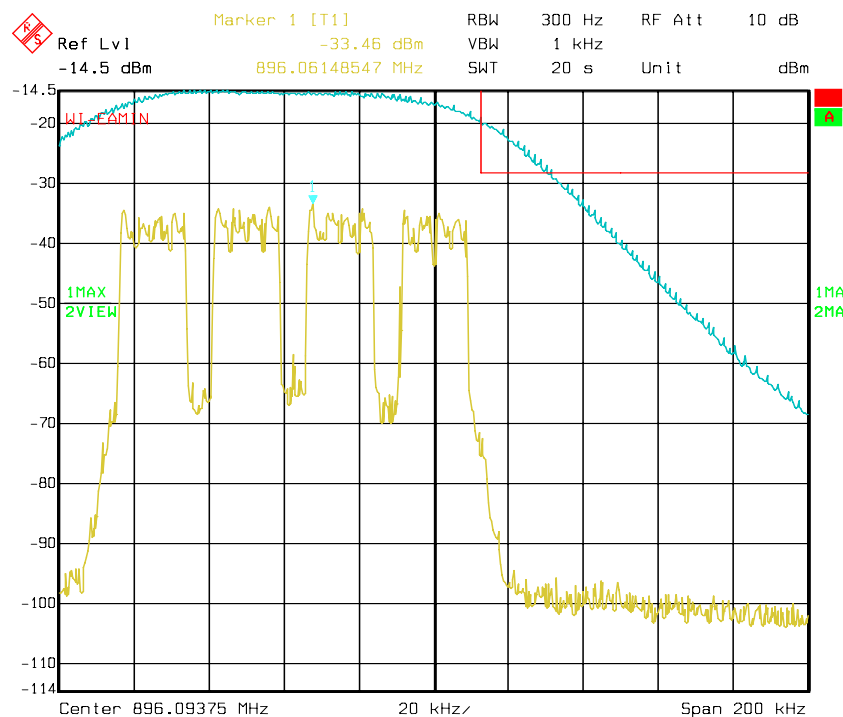


Figure 6a-2.11.2 WiDEN100 900 MHz Band, Quad-QPSK, Minimum Power, EA Emission Mask

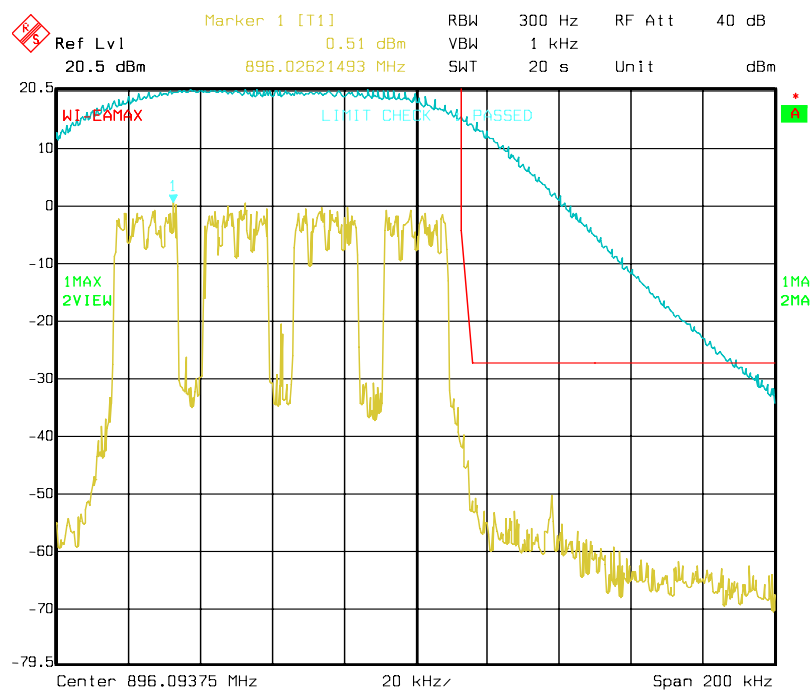


Figure 6a-2.11.3 WiDEN100 900 MHz Band, QAM16, Maximum Power, EA Emission Mask

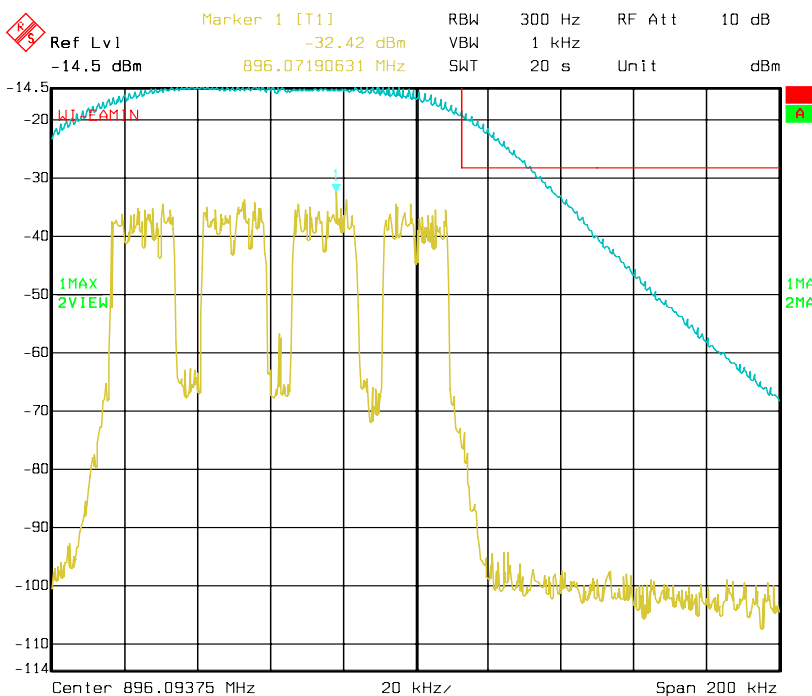


Figure 6a-2.11.4 WiDEN100 900 MHz Band, QAM16, Minimum Power, EA Emission Mask

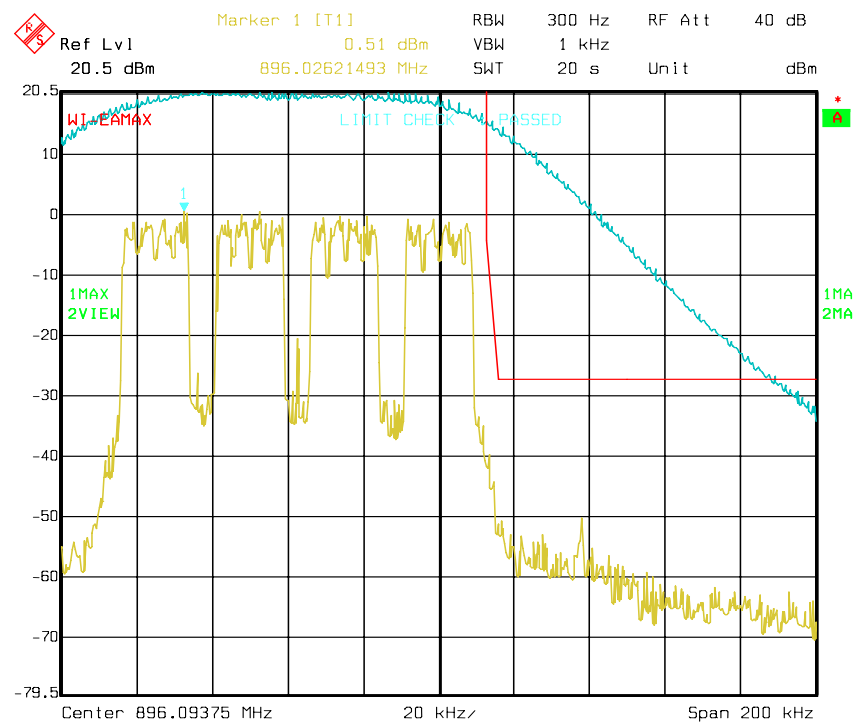


Figure 6a-2.11.5 WiDEN100 900 MHz Band, QAM64, Maximum Power, EA Emission Mask

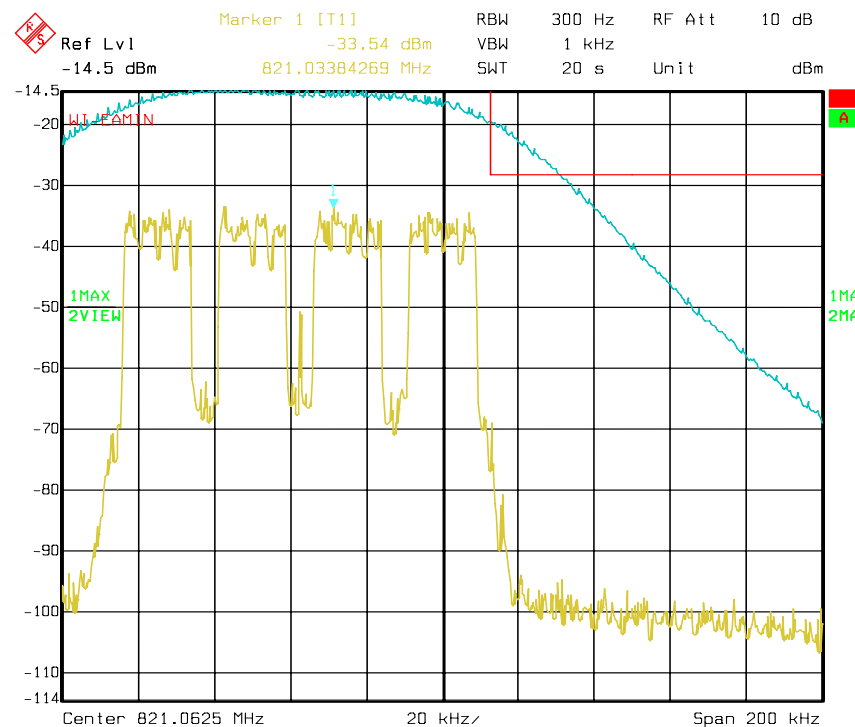


Figure 6a-2.11.6 WiDEN100 900 MHz Band, QAM64, Minimum Power, EA Emission Mask

6a.2.12 Emission Designator 93K3D7D - WiDEN50_Split 900 MHz Band

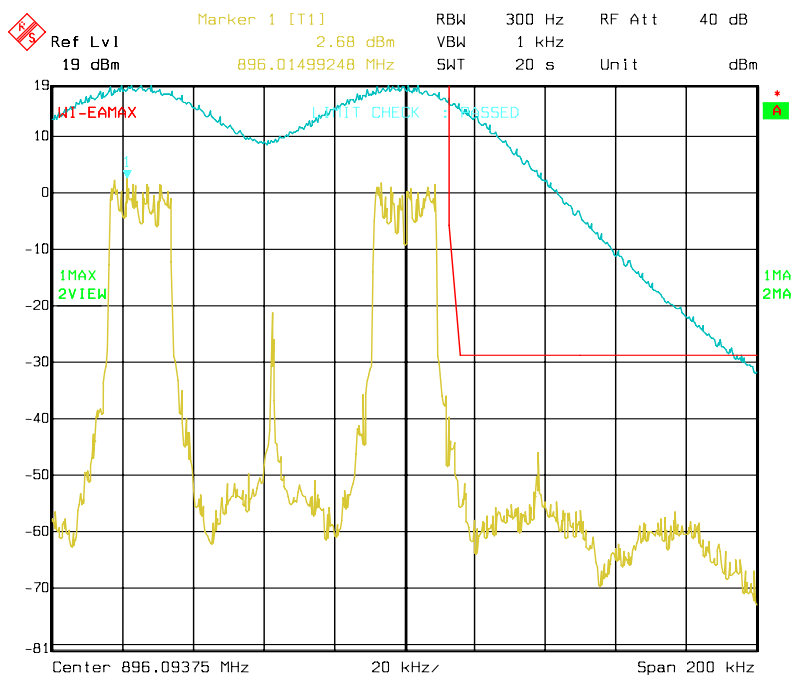


Figure 6a-2.12.1 WiDEN50_Split 900 MHz Band, Quad-QPSK, Maximum Power, EA Emission Mask

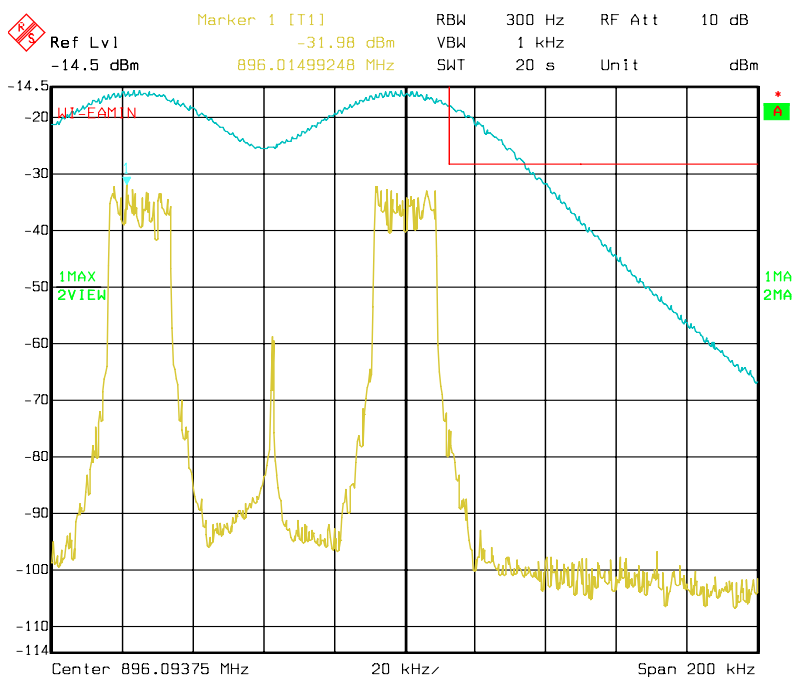


Figure 6a-2.12.2 WiDEN50_Split 900 MHz Band, Quad-QPSK, Minimum Power, EA Emission Mask

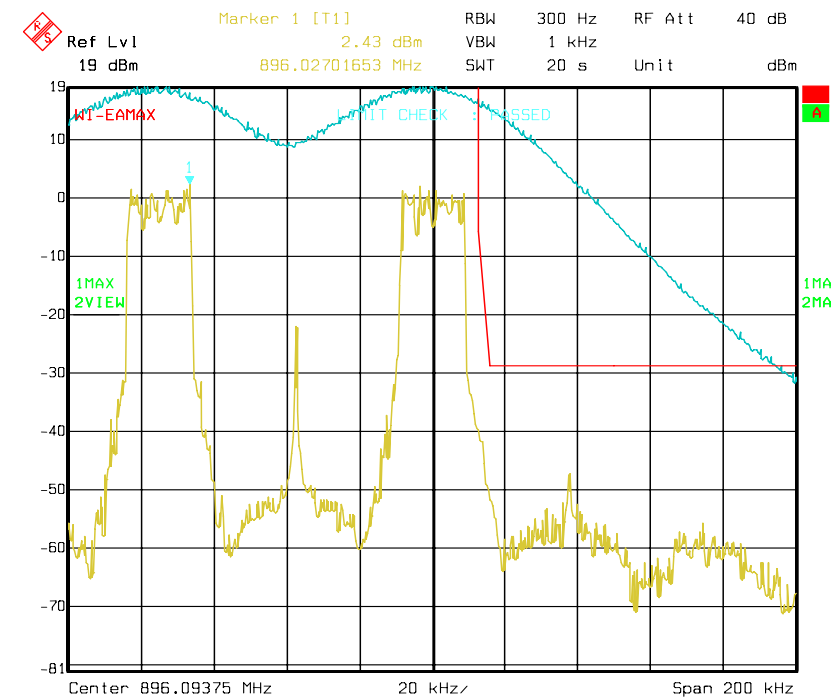


Figure 6a-2.12.3 WiDEN50_Split 900 MHz Band, QAM16, Maximum Power, EA Emission Mask

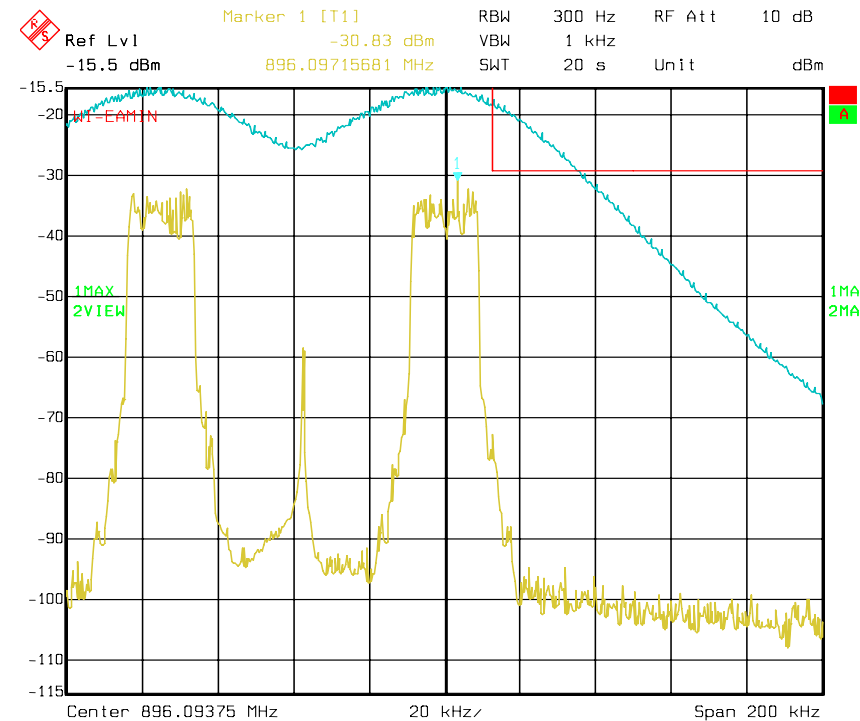


Figure 6a-2.12.4 WiDEN50_Split 900 MHz Band, QAM16, Minimum Power, EA Emission Mask

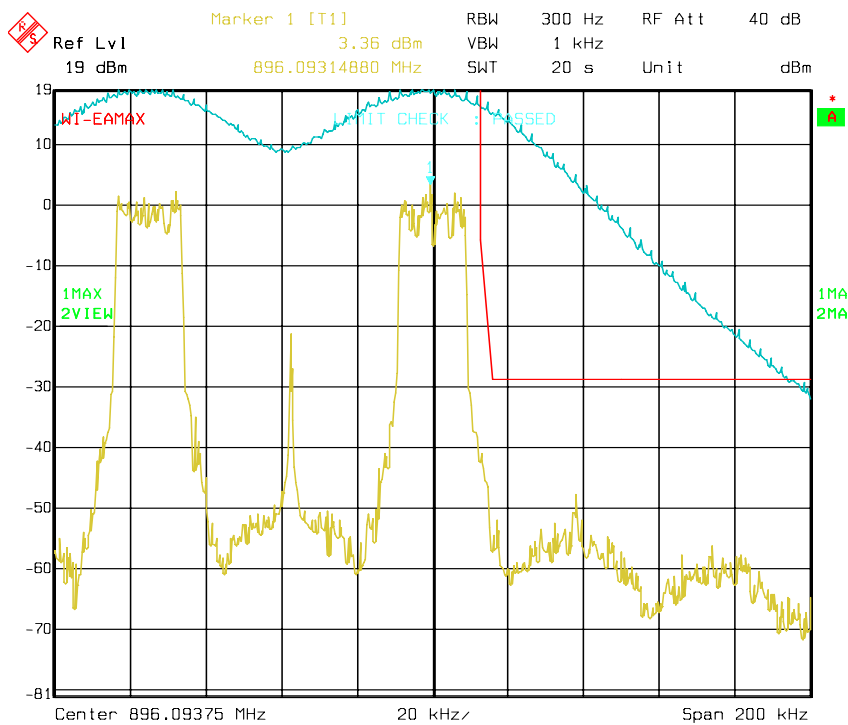


Figure 6a-2.12.5 WiDEN50_Split 900 MHz Band, QAM64, Maximum Power, EA Emission Mask

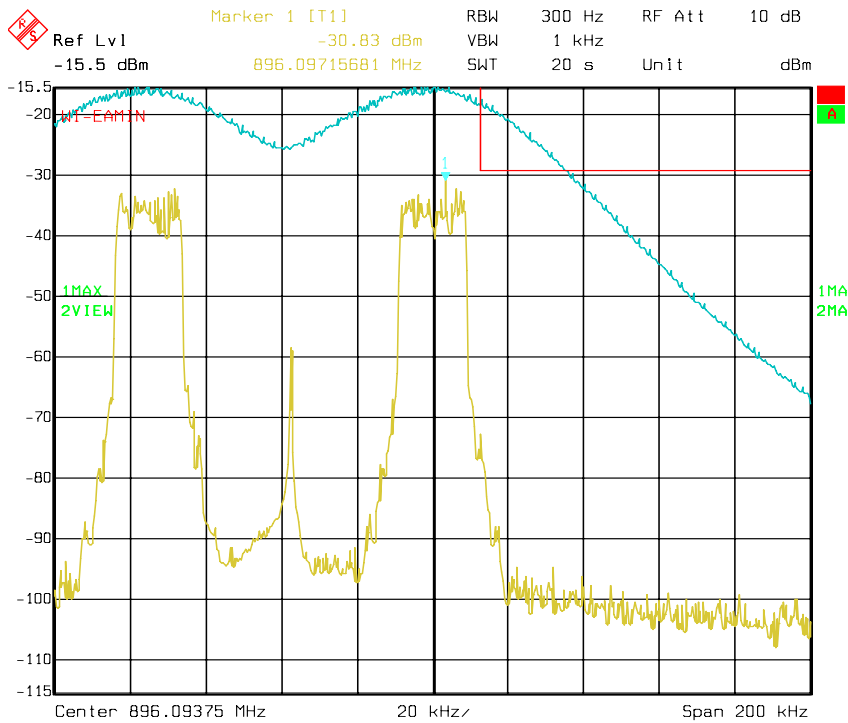


Figure 6a-2.12.6 WiDEN50_Split 900 MHz Band, QAM64, Minimum Power, EA Emission Mask