



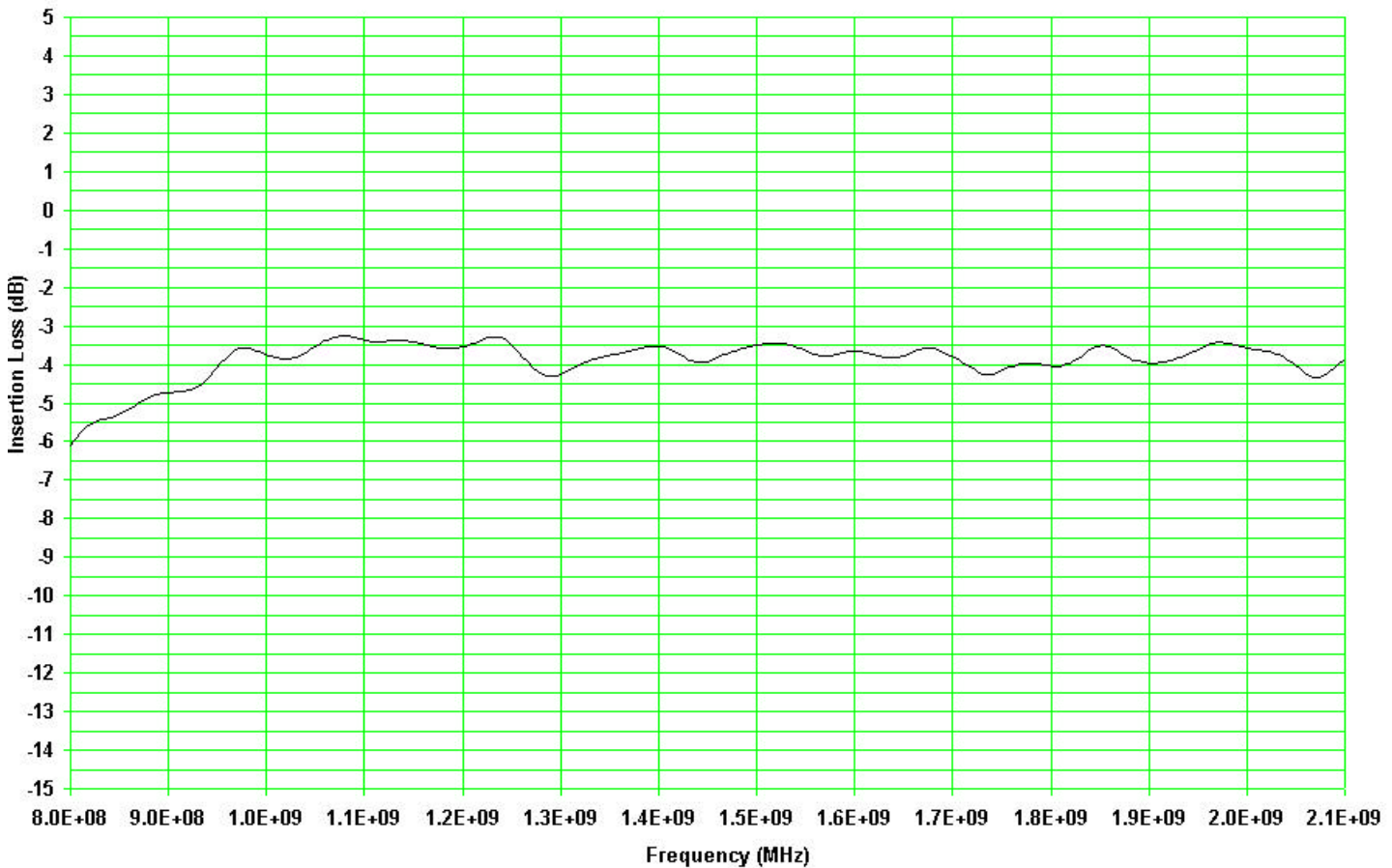
F-150 Injection Probe

The F-150 has been designed to extend the use of conducted immunity testing over the bandwidth of 800 MHz – 2.1 GHz. Pursuing this effort, the F-150 combines high efficiency, high power rating, and compact size. This allows the device to be used in the testing of individual cable harnesses during benchtop testing as well as cable harnesses inside vehicles.

Per standard substitution method test methods used in ISO 11451—4/ISO 11452-4, Mil-Std. 461/462 Rev D/E, and FAA DO-160 Rev D/E. The F-150 requires 20 watts to develop up to 300 milliamperes into a calibration fixture with a 100 ohm loop line impedance.

The F-150 offers a distinct advantages and benefits

- Broad bandwidth. <7dB attenuation from 800 MHz – 2.1 GHz into a 100 ohm loop line impedance.
- Useable up to 250 watts
- Accommodates EUT cables up to 32 mm in diameter



F-150 Specifications

Frequency: 800 MHz – 2.1 GHz
 Inner Diameter: 32mm
 Outer diameter: 98mm
 Height: 38mm
 Input Power rating: 250 watts

Accessories

Calibration Fixture • FCC-BCICF-150
 Bandwidth • 800 MHz – 2.1 GHz
 Current Probe • F-2000-32mm-1
 Bandwidth • 10 MHz – 2.1 GHz

BULK CURRENT INJECTION PROBE

