

M9 Series Test Setup Photos

1 Radiated Unintentional & Tx Spurious Emissions

Test setup – Front view



Photo:

Test setup – Rear view



Photo: Antenna Setups

Antenna Setup: Active Loop Antenna - 10kHz to 30MHz



Antenna Setup: BiLog Antenna - 30MHz to 1000MHz



Antenna Setup: Horn Antenna – Above 1GHz



2 Tx Frequency Tolerance (Stability)

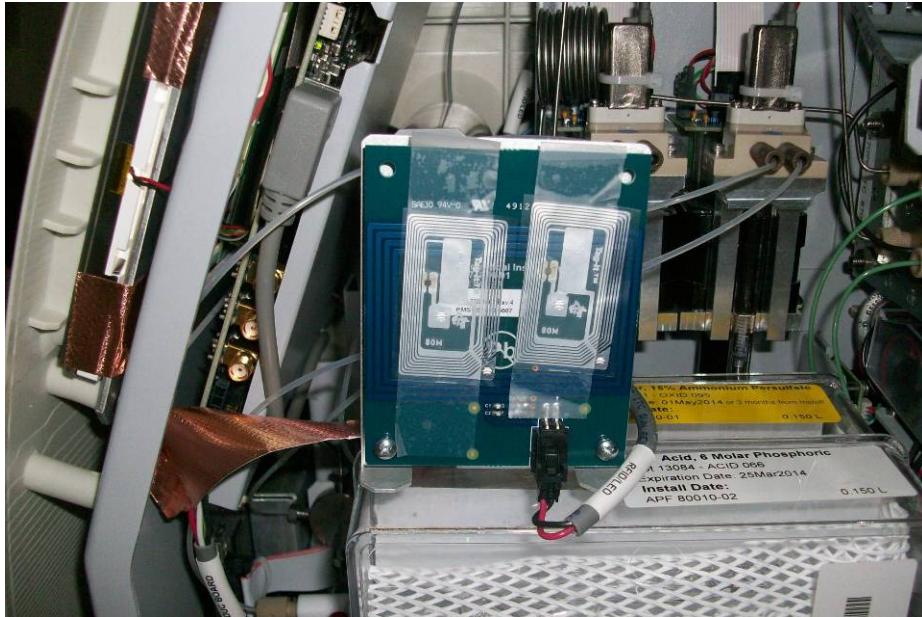
Test Setup



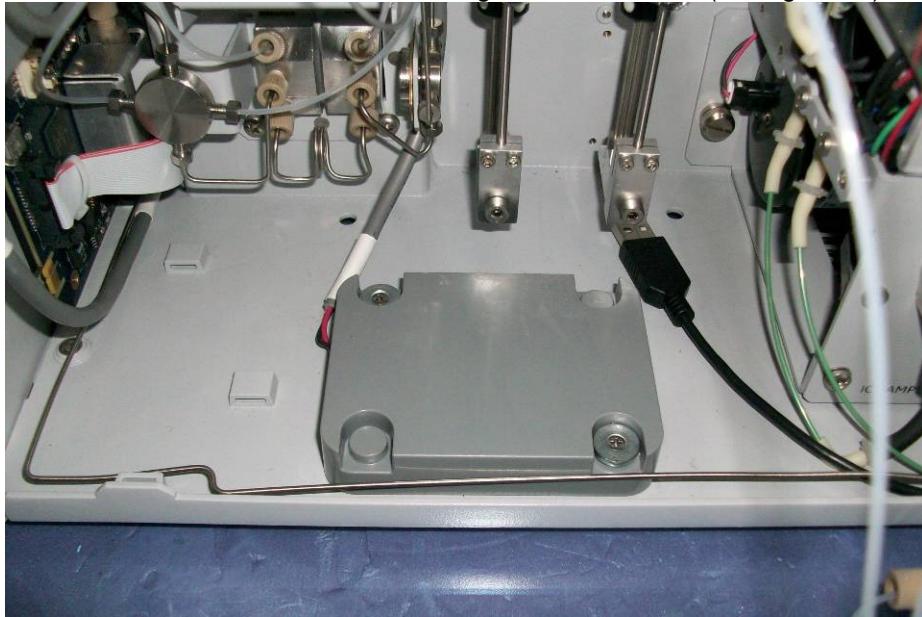
3 Radiated Tx Intentional Emissions – Fundamental & Harmonics of the Fundamental

Test Orientations

RFID Antenna Module Configured in Test Position – (Facing Receive Antenna)



Normal RFID Antenna Module Configuration in Product (Facing Down)



Setup Photographs: Tx Fundamental & Harmonics of Fundamental

Test setup – Front view



Photo:

Test setup – Rear view

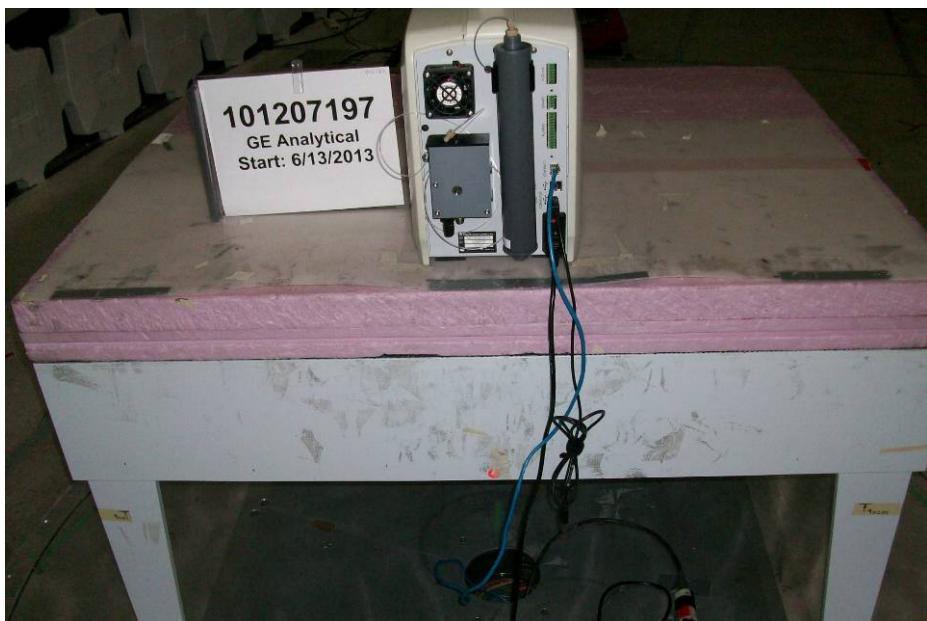
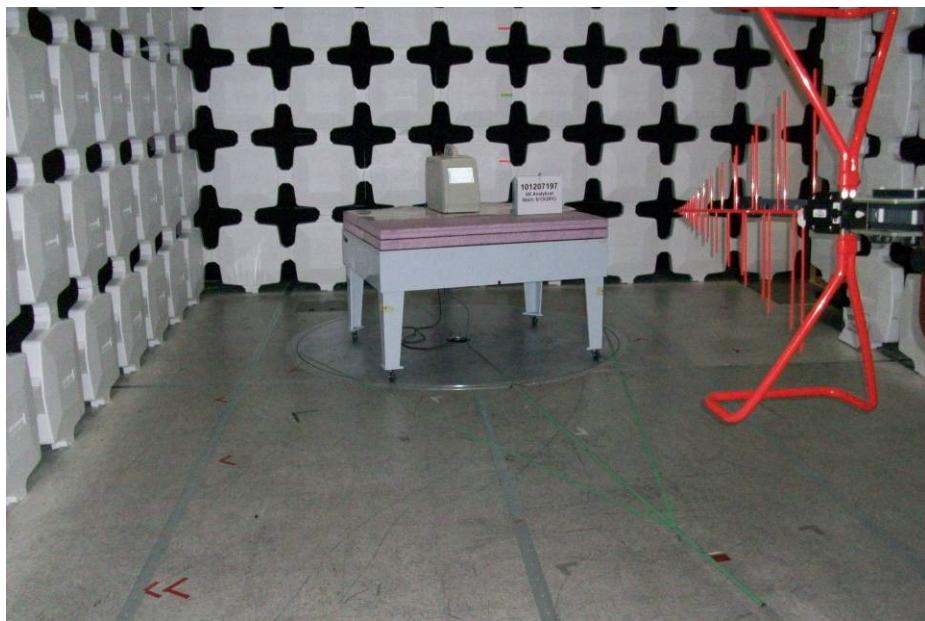


Photo: Antenna Setup

Antenna Setup: Active Loop Antenna - 10kHz to 30MHz



Antenna Setup: BiLog Antenna – 30MHz to 1000MHz



4 AC Conducted Emissions

Test setup – Front view



Test setup – Rear view

