



Product Photo:

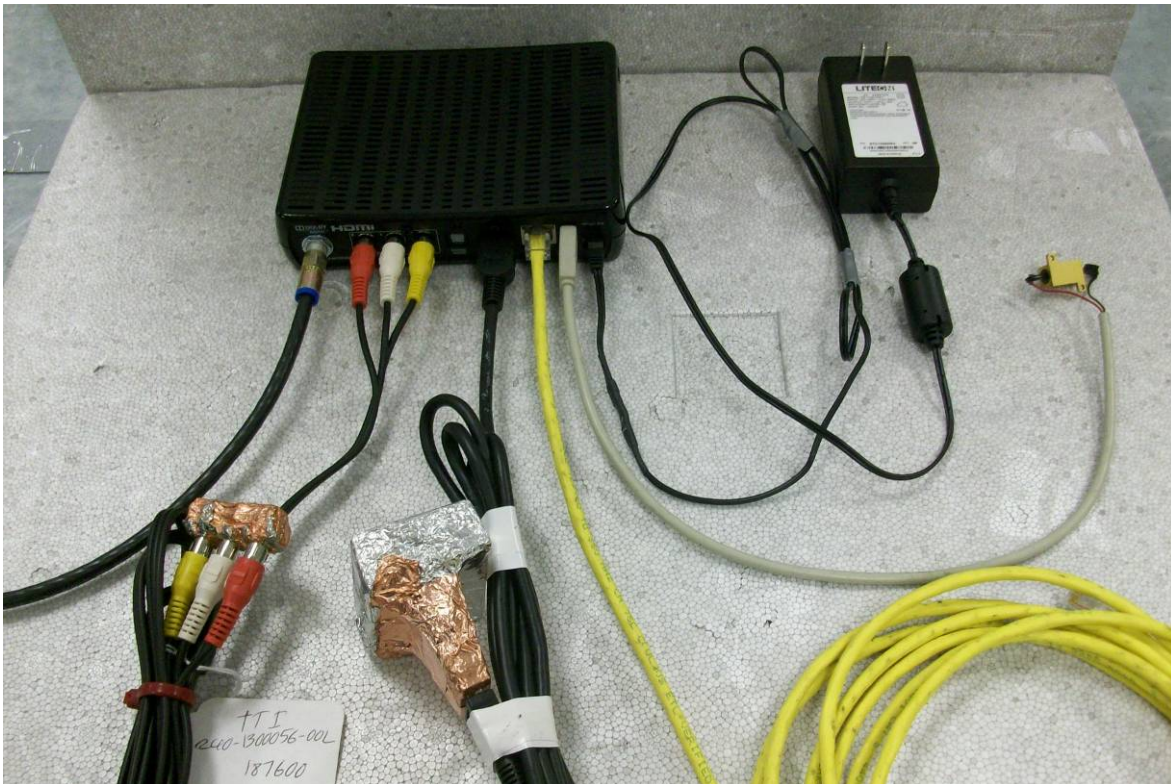
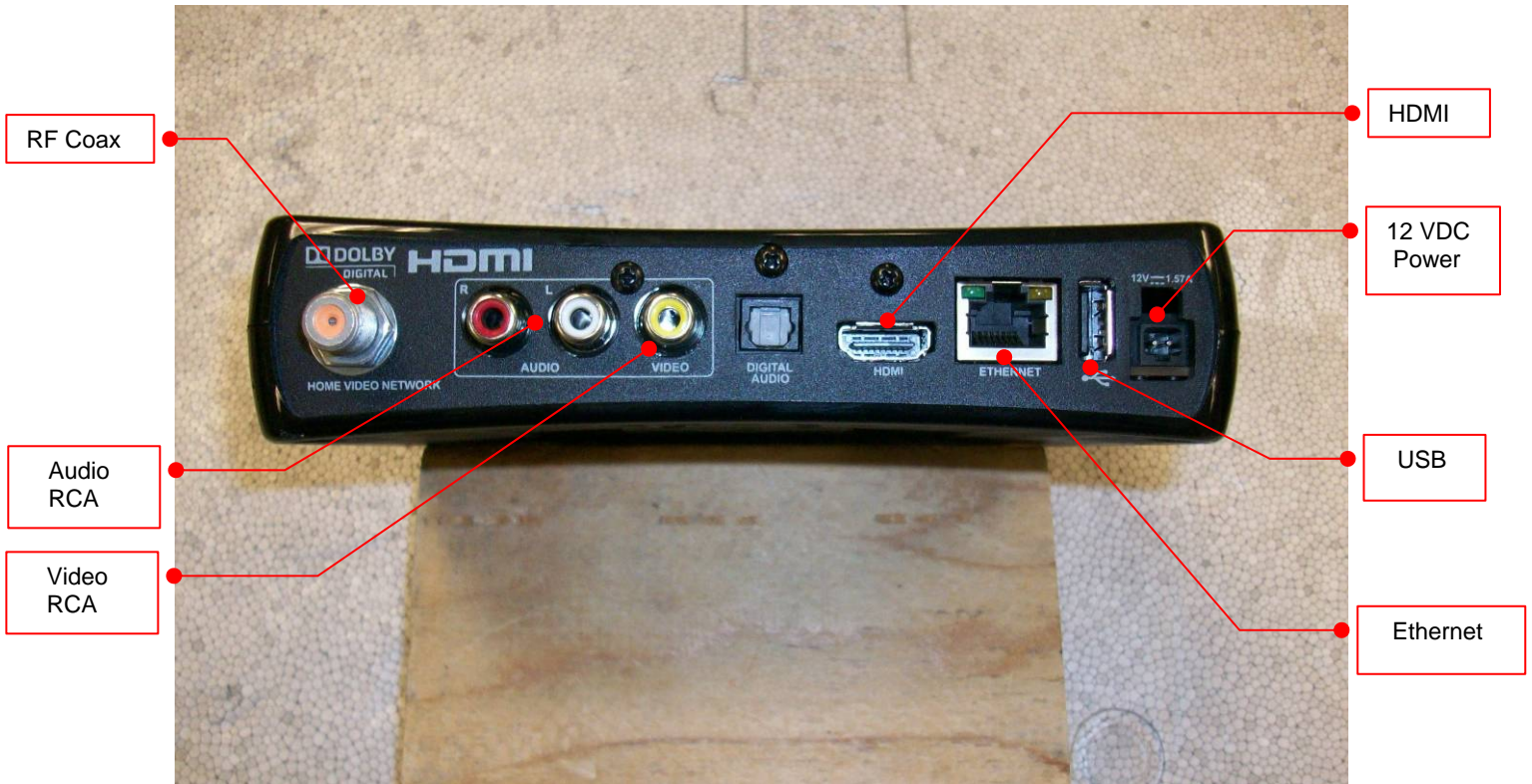
Product Tested – Model: DE51



(MoCa Converter Set-Top Box)

Product Test Photo:

Product Back Panel Ports/Connectors



Cables used during testing

Product Photo:

AC Adapter – 12VDC Output



Test Setup Photographs: Fundamental Power and Harmonics of the Fundamental

Test setup – Field Strength Measurements (Front View)



Test setup – Field Strength Measurements (Rear View)



Photo:

Test setup – Field Strength Measurements (Rear View Cables)



Test Axis Photos

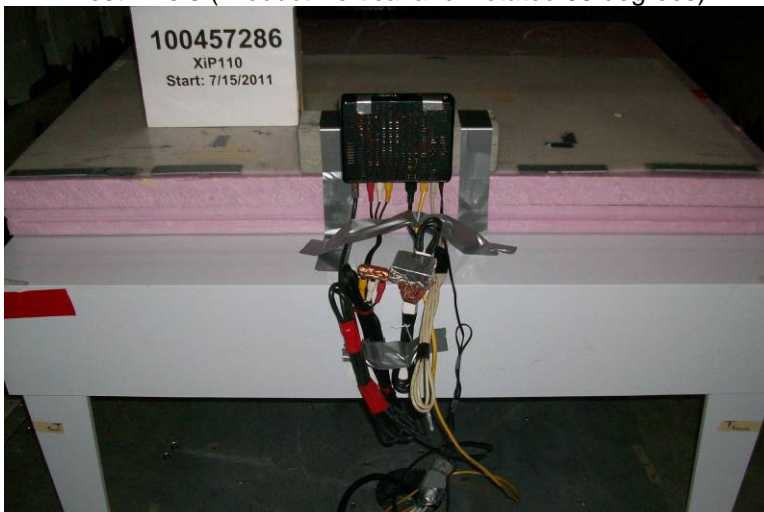
Test Axis 1 (Product Flat on Table)



Test Axis 2 (Product Vertical)



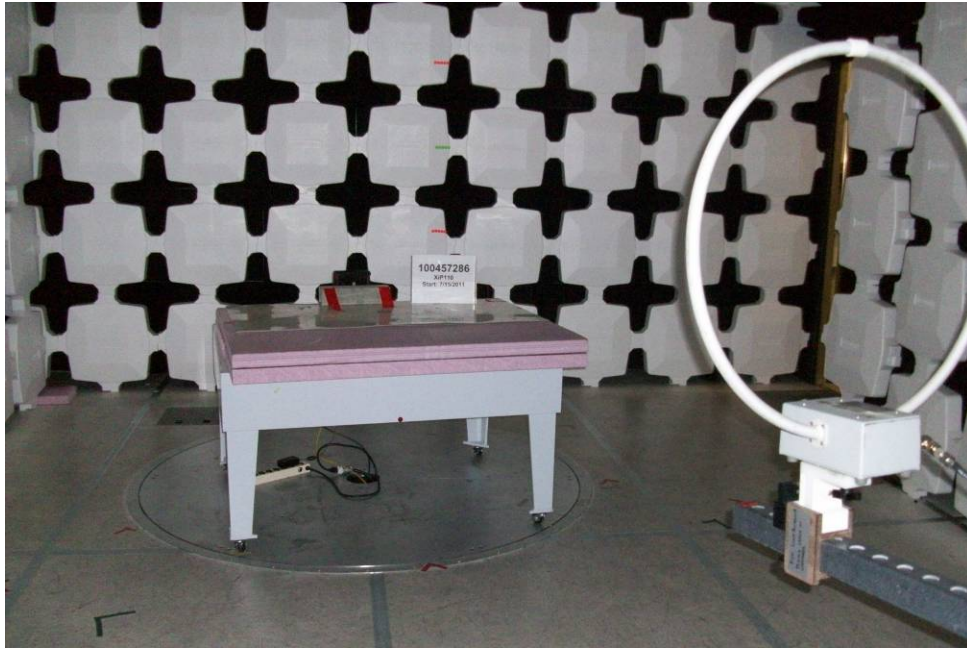
Test Axis 3 (Product Vertical and Rotated 90 degrees)



Axis 3 was determined to be the "worst-case" product orientation

Photo: Antenna Setups – Fundamental & Harmonics of the Fundamental

Active Loop Antenna (9kHz to 30MHz)



BiLog Antenna (30MHz to 1000MHz)



Photo: Antenna Setups

Horn (1GHz – 18GHz)

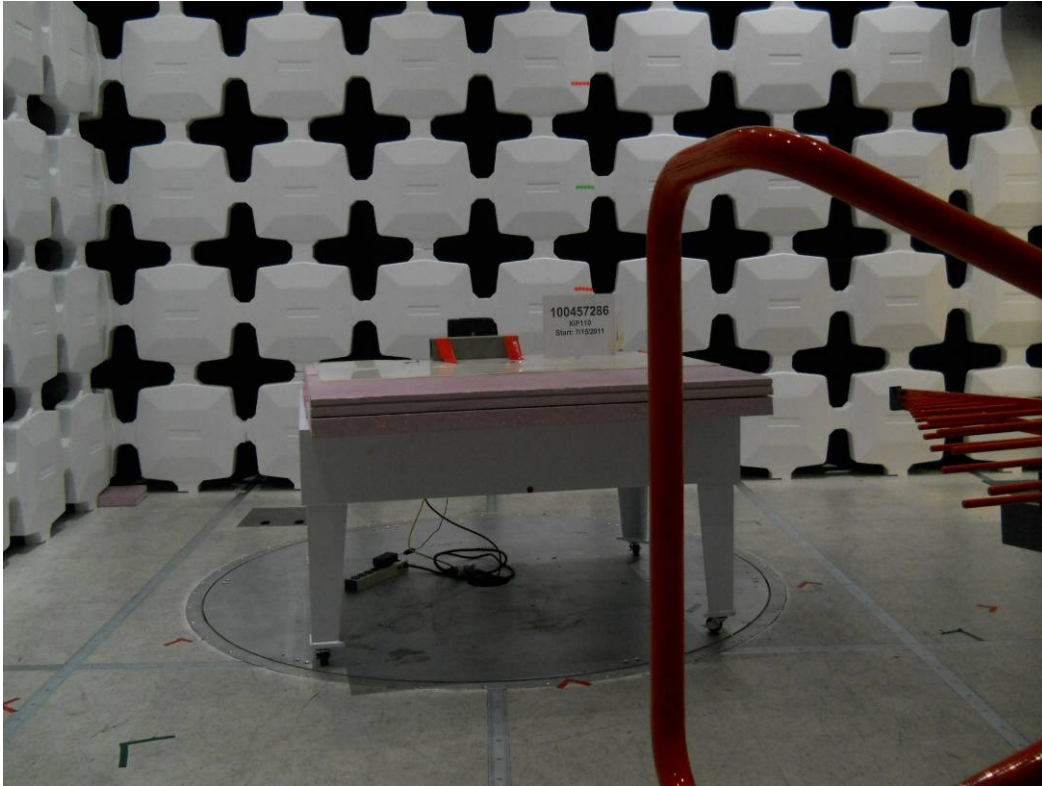


HF Active Antenna/Harmonic Mixer (18GHz – 26.5GHz)



Setup Photographs: Tx Spurious & Unintentional

Test setup – Field Strength Measurements (Front View)

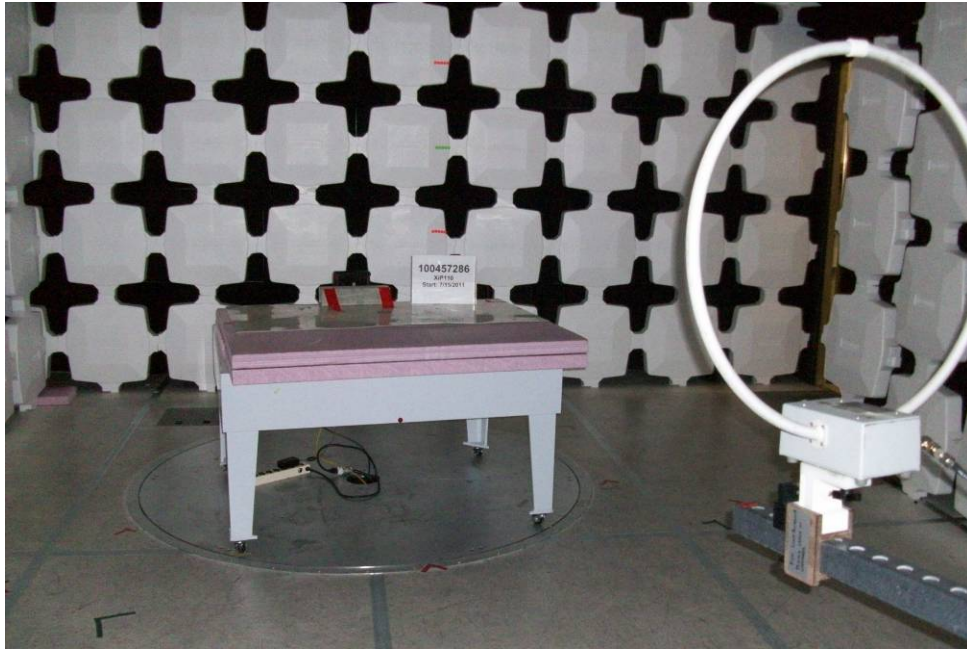


Test setup – Field Strength Measurements (Rear View)



Photo: Antenna Setups – Tx Spurious

Active Loop Antenna (9kHz to 30MHz)



BiLog Antenna (30MHz to 1000MHz)

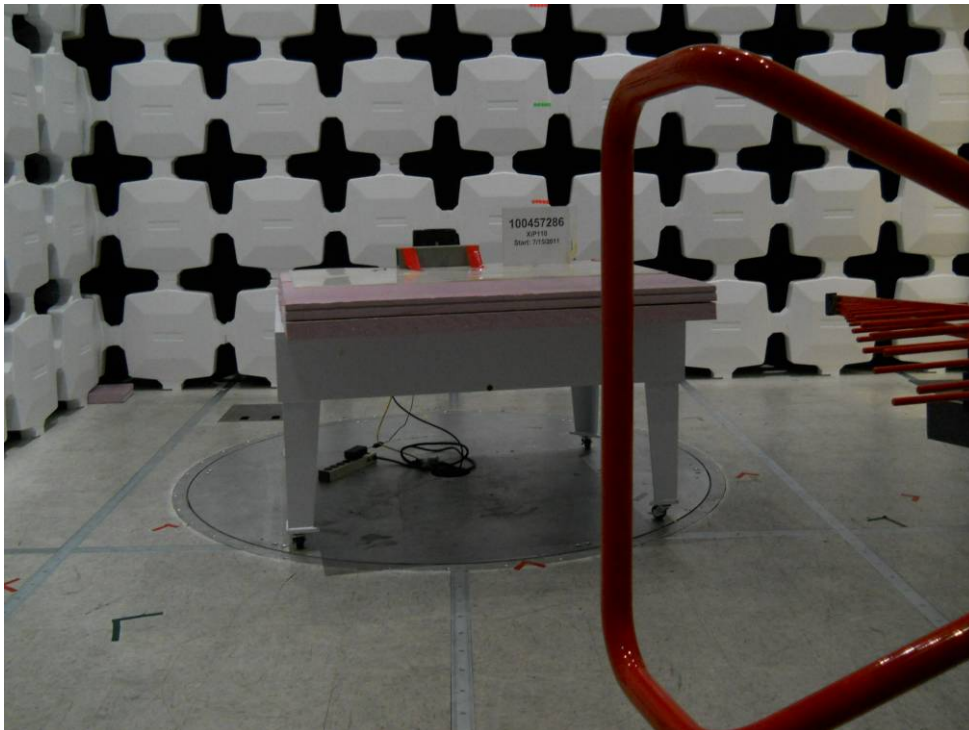


Photo: Antenna Setups – Tx Spurious & Unintentional

Horn (1GHz – 18GHz)



HF Active Antenna/Harmonic Mixer (18GHz – 26.5GHz)



Intertek

Test Setup Photographs: 6dB Bandwidth/ PSD and Occupied Bandwidth

Test setup – Field Strength Measurements (Front View)



Photo:

Test setup – Field Strength Measurements (Rear View)



Test Setup Photographs: Rx Unintentional

Test Setup – Radiated Emissions (Front View)



Test Setup – Radiated Emissions (Rear View)



Photo:

Test Setup – Radiated Emissions (Rear View)



Cables Left-to-Right: RF Coaxial, Composite A/V RCA, HDMI, Ethernet, USB, DC Power

Photo: Test Antennas – Rx Unintentional

BiLog (30MHz to 1000MHz)



Ridge Guide Horn (1GHz to 18GHz)



Note: Testing above 1GHz utilizes a boar site antenna mast

Setup Photographs: AC Conducted Emissions

Test Setup – Conducted Emissions (Front View)



Photo:

Test Setup – Conducted Emissions (Side View)

