Prana BCI system 300 - 600 mA:

**Tests with only 1 amplifier and 1 bulk:**
- Broadband (instantaneous single band): 10 kHz – 1000 MHz
- Composed of:
  - 1 Prana amplifier: DT 150
  - 1 Prana Bulk current Injection: IP-DR250 with calibration JIG CJ-DR250
- Typical current injection: 300 – 600 mA
- Reliable, efficient and robust
- 3 years standard warranty

**EMC standards covered:**
- DO 160 D
- MIL STD 461
- Automotive Standards: PSA, Renault, Ford, Daimler Chrysler...
- ISO 11452-4
- SAE J1113-4
- ...

**Maintenance:**
- Amplifier designed for minimal maintenance
  - Easy access to all parts
  - Modular design
  - Repairs with minimum adjustments
- Rapid diagnostic
- Minimal downtime
- Contract for preventive and corrective maintenance available

**Other BCI systems:**
- BCI system with DR 220 => 300 mA – 600 mA
- BCI system with DR 400 => 600 mA – 1000 mA

**Prana additional options:**
- External coupler
- Supply and integration inside a cabinet
- RF Power cable
- Switching unit
- Attenuator / load

Prana DT 150 power amplifier

Prana IP-DR250 clamp + CJ-DR250 JIG
System BCI configuration

Power meter → 40dB Attenuation → Injection clamp → 50Ω Load

DT 150 POWER AMPLIFIER
0.01–400 MHz

Power graph

Bulk Current Injection Probe with DT 150 Amplifier

- Induced current at 1dB compression
- Induced current at 3dB compression

Frequency (MHz) vs. Int. (mA)

600mA Ref. Line
300mA Ref. Line

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