Prana BCI system 600 - 1000 mA:

Tests with only 1 amplifier and 1 bulk:
- Broadband (instantaneous single band): 10 kHz – 400 MHz
- Composed of:
  - 1 Prana amplifier: DR 400
  - 1 Prana Bulk current Injection: IP-DR250 with calibration JIG CJ-DR250
- Typical current injection: 600 – 1000 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
- ...

Other BCI systems:
- BCI system with DR 220 => 300 mA – 600 mA
- BCI system with DT 150 => 300 mA – 600 mA

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

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

Prana DR 400 power amplifier
System BCI configuration

Power meter → 40dB Attenuator → IP-DR250 Injection clamp → CJ-DR250 Calibration Jig → 50Ω Load

DR 400
POWER AMPLIFIER
0.01–400 MHz

Power graph

Bulk Current Injection Probe with DR 400 Amplifier

0 200 400 600 800 1000 1200 1400 1600 1800 2000
0 0.33 0.37 0.5 0.75 1 2 3 4 5 6 7 8 9 10

Inducted current at 1dB compression
Inducted current at 3dB compression

1% Ref. line
600mA Ref. line
300mA Ref. line

Frequency (MHz)  April 2012

BCCI system DR220 April 2012 Electrical and Mechanical Specifications subject to change without notice.