

Date: 2024-12-20

System Check_Head_835MHz

DUT: D835V2 - SN4d167

Communication System: CW; Frequency: 835.000 MHz; Duty Cycle: 1:1

Medium: HSL_850_241220 Medium parameters used: $f=835.000$ MHz; $\sigma=0.940$ S/m; $\epsilon_r=41.9$

Ambient Temperature: 23.3°C; Liquid Temperature: 22.3°C

DASY8 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(10.32, 10.32, 10.32); Calibrated: 2024-01-22
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1800; Calibrated: 2024-06-18
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2155; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: CW, 0

Pin=17.0dBm/Area Scan (40.0 mm x 90.0 mm): Measurement Grid: 10.0 mm x 15.0 mm

SAR (1g) = 0.479 W/kg; SAR (10g) = 0.317 W/kg;

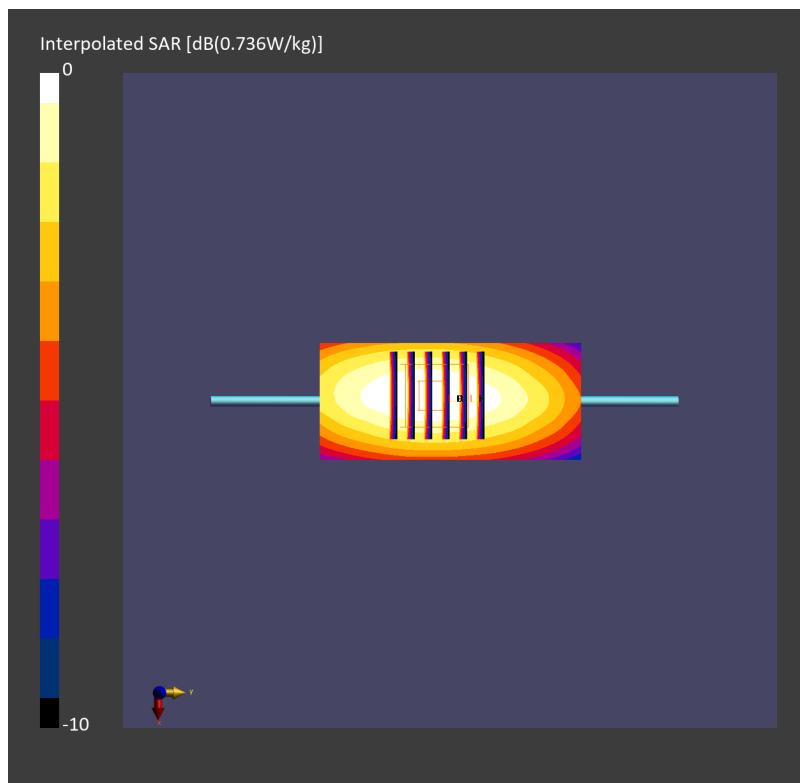
Pin=17.0dBm/Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm

Power Drift = 0.01 dB

SAR (1g) = 0.472 W/kg; SAR (8g) = 0.326 W/kg; SAR (10g) = 0.309 W/kg

Smallest distance from peaks to all points 3 dB below = 19.0 mm

Ratio of SAR at M2 to SAR at M1 = 86.4 %



Date: 2024-12-20

System Check_Head_1750MHz

DUT: D1750V2 - SN1112

Communication System: CW; Frequency: 1750.000 MHz; Duty Cycle: 1:1

Medium: HSL_1750_241220 Medium parameters used: $f=1750.000$ MHz; $\sigma=1.36$ S/m; $\epsilon_r=40.8$

Ambient Temperature: 23.3°C; Liquid Temperature: 22.3°C

DASY8 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(8.9, 8.9, 8.9); Calibrated: 2024-01-22
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1800; Calibrated: 2024-06-18
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2155; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: CW, 0

Pin=17.0dBm/Area Scan (40.0 mm x 90.0 mm): Measurement Grid: 10.0 mm x 15.0 mm

SAR (1g) = 1.63 W/kg; SAR (10g) = 0.892 W/kg;

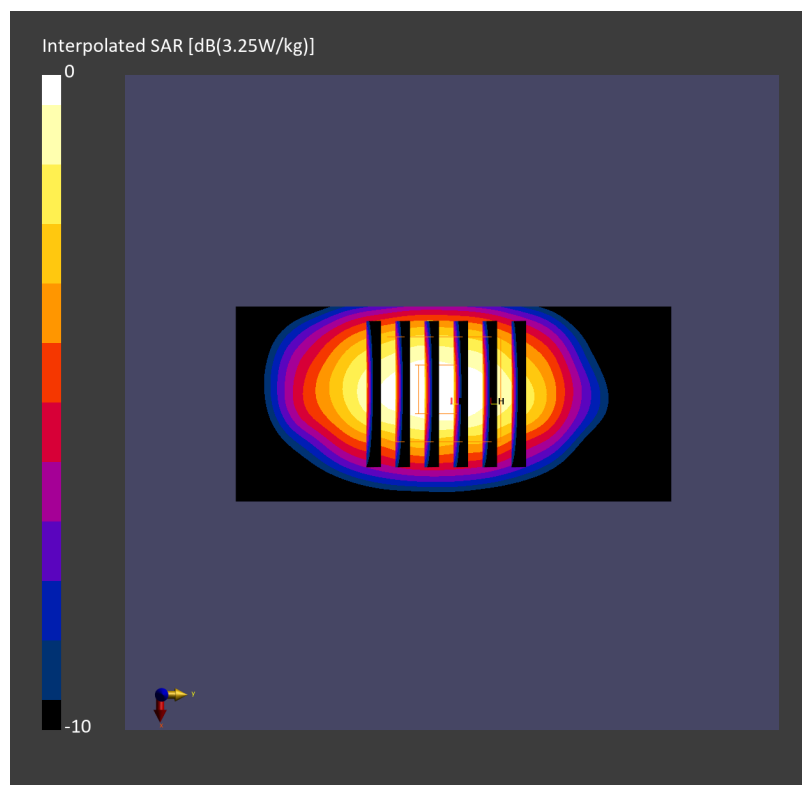
Pin=17.0dBm/Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm

Power Drift = 0.01 dB

SAR (1g) = 1.70 W/kg; SAR (8g) = 0.980 W/kg; SAR (10g) = 0.904 W/kg

Smallest distance from peaks to all points 3 dB below = 10.3 mm

Ratio of SAR at M2 to SAR at M1 = 80.7 %



Date: 2024-12-20

System Check_Head_1900MHz

DUT: D1900V2 - SN5d185

Communication System: CW; Frequency: 1900.000 MHz; Duty Cycle: 1:1

Medium: HSL_1900_241220 Medium parameters used: $f=1900.000$ MHz; $\sigma=1.44$ S/m; $\epsilon_r=39.2$

Ambient Temperature: 23.3°C; Liquid Temperature: 22.3°C

DASY8 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(8.42, 8.42, 8.42); Calibrated: 2024-01-22
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1800; Calibrated: 2024-06-18
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2155; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: CW, 0

Pin=17.0dBm/Area Scan (40.0 mm x 90.0 mm): Measurement Grid: 10.0 mm x 15.0 mm

SAR (1g) = 1.86 W/kg; SAR (10g) = 0.991 W/kg;

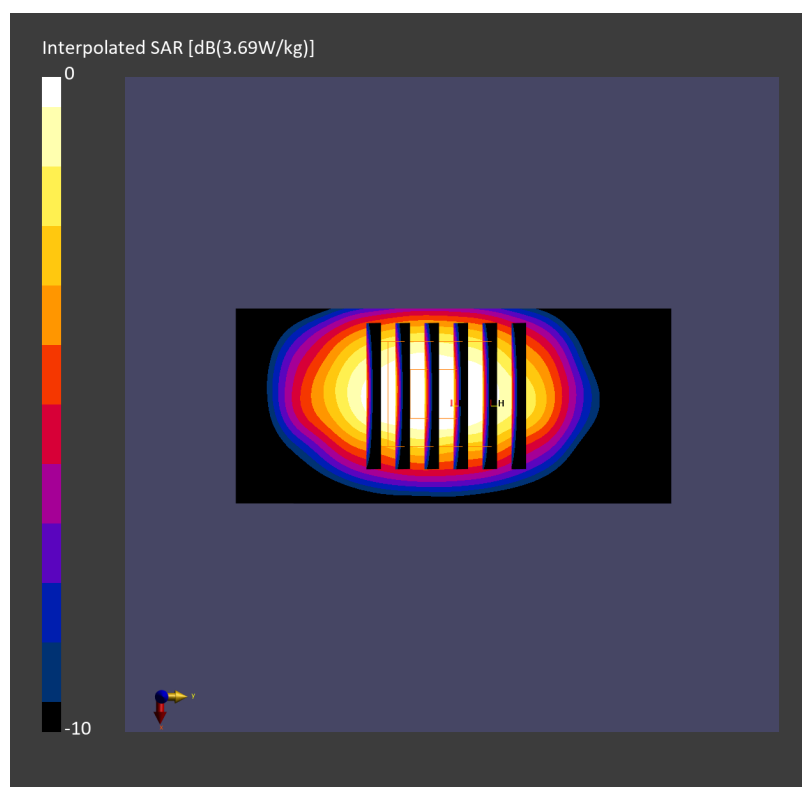
Pin=17.0dBm/Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm

Power Drift = 0.01 dB

SAR (1g) = 1.92 W/kg; SAR (8g) = 1.09 W/kg; SAR (10g) = 1.01 W/kg

Smallest distance from peaks to all points 3 dB below = 10.3 mm

Ratio of SAR at M2 to SAR at M1 = 81.2 %



Date: 2024-12-20

System Check_Head_3900MHz

DUT: D3900V2 - SN1092

Communication System: CW; Frequency: 3900.000 MHz; Duty Cycle: 1:1

Medium: HSL_3900_241220 Medium parameters used: $f=3900.000$ MHz; $\sigma=3.27$ S/m; $\epsilon_r=37.7$

Ambient Temperature: 23.3°C; Liquid Temperature: 22.3°C

DASY8 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(6.87, 6.87, 6.87); Calibrated: 2024-01-22
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1800; Calibrated: 2024-06-18
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2155; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: CW, 0

Pin=20.0dBm/Area Scan (40.0 mm x 80.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 6.58 W/kg; SAR (10g) = 2.36 W/kg;

Pin=20.0dBm/Zoom Scan (28.0 mm x 28.0 mm x 28.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.4 mm

Power Drift = -0.01 dB

SAR (1g) = 6.84 W/kg; SAR (8g) = 2.83 W/kg; SAR (10g) = 2.49 W/kg

Smallest distance from peaks to all points 3 dB below = 8.0 mm

Ratio of SAR at M2 to SAR at M1 = 76.5 %

