Date: 2024-07-09

System Check_Head_6500MHz

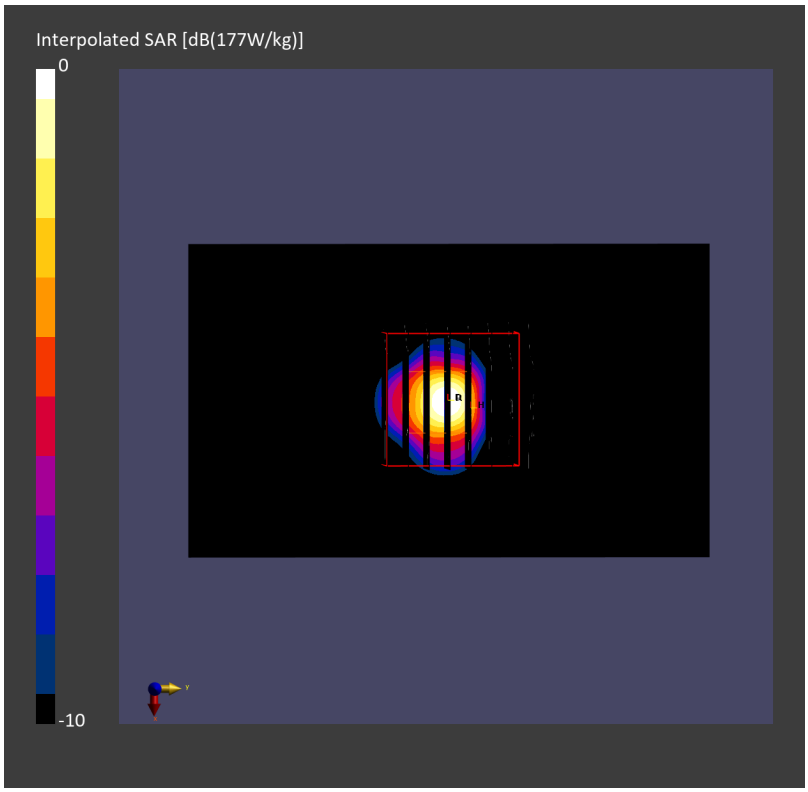
DUT: D6.5GHzV2 - SN1083

Communication System: CW; Frequency: 6500.000 MHz
Medium: HSL_6G_240709 Medium parameters used: f= 6500.000 MHz; σ= 6.17 S/m; ε_r = 34.7
Ambient Temperature: 23.9°C; Liquid Temperature: 22.9°C

DASY6 Configuration:
- Probe: EX3DV4 - SN7625; ConvF(5.5, 5.5, 5.5); Calibrated: 2023-12-14
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn376; Calibrated: 2023-09-14
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2192; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: CW

Pin=20.0dBm/Area Scan (51.0 mm x 85.0 mm): Measurement Grid: 8.5 mm x 8.5 mm
SAR (1g) = 25.1 W/kg; SAR (10g) = 5.02 W/kg;

Pin=20.0dBm/Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 3.4 mm x 3.4 mm x 1.4 mm
Power Drift = -0.12 dB
SAR (1g) = 28.2 W/kg; SAR (8g) = 6.46 W/kg; SAR (10g) = 5.29 W/kg
Smallest distance from peaks to all points 3 dB below = 4.9 mm
Ratio of SAR at M2 to SAR at M1 = 52.6 %
psAPD (1.0cm2, sq) = 282 [W/m2]; psAPD (4.0cm2, sq) = 129 [W/m2]



Date: 2024-07-10

System Check_Head_6500MHz

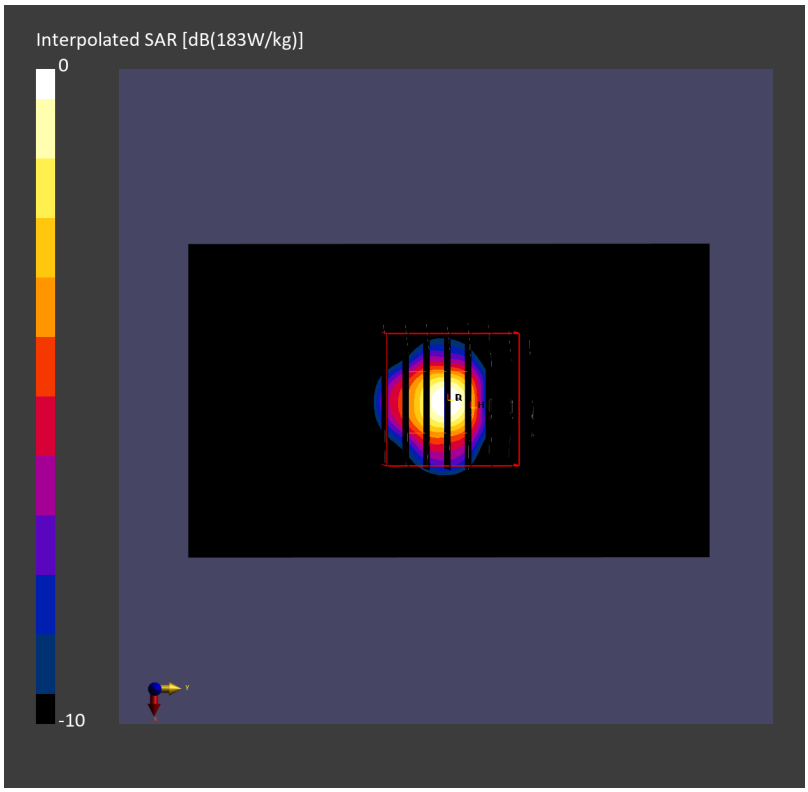
DUT: D6.5GHzV2 - SN1083

Communication System: CW; Frequency: 6500.000 MHz
Medium: HSL_6G_240710 Medium parameters used: f= 6500.000 MHz; σ= 6.21 S/m; ε_r = 35.0
Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C

DASY6 Configuration:
- Probe: EX3DV4 - SN7625; ConvF(5.5, 5.5, 5.5); Calibrated: 2023-12-14
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn376; Calibrated: 2023-09-14
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2192; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: CW

Pin=20.0dBm/Area Scan (51.0 mm x 85.0 mm): Measurement Grid: 8.5 mm x 8.5 mm
SAR (1g) = 25.7 W/kg; SAR (10g) = 5.15 W/kg;

Pin=20.0dBm/Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 3.4 mm x 3.4 mm x 1.4 mm
Power Drift = -0.04 dB
SAR (1g) = 29.1 W/kg; SAR (8g) = 6.64 W/kg; SAR (10g) = 5.44 W/kg
Smallest distance from peaks to all points 3 dB below = 4.8 mm
Ratio of SAR at M2 to SAR at M1 = 52.5 %
psAPD (1.0cm2, sq) = 291 [W/m2]; psAPD (4.0cm2, sq) = 133 [W/m2]



Date: 2024-07-11

System Check_Head_6500MHz

DUT: D6.5GHzV2 - SN1083

Communication System: CW; Frequency: 6500.000 MHz
Medium: HSL_6G_240711 Medium parameters used: f= 6500.000 MHz; σ= 6.18 S/m; ε_r = 35.1
Ambient Temperature: 23.1°C; Liquid Temperature: 22.1°C

DASY6 Configuration:
- Probe: EX3DV4 - SN7625; ConvF(5.5, 5.5, 5.5); Calibrated: 2023-12-14
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn376; Calibrated: 2023-09-14
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2192; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: CW

Pin=20.0dBm/Area Scan (51.0 mm x 85.0 mm): Measurement Grid: 8.5 mm x 8.5 mm
SAR (1g) = 25.3 W/kg; SAR (10g) = 5.08 W/kg;

Pin=20.0dBm/Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 3.4 mm x 3.4 mm x 1.4 mm
Power Drift = -0.04 dB
SAR (1g) = 28.7 W/kg; SAR (8g) = 6.56 W/kg; SAR (10g) = 5.37 W/kg
Smallest distance from peaks to all points 3 dB below = 4.8 mm
Ratio of SAR at M2 to SAR at M1 = 52.5 %
psAPD (1.0cm2, sq) = 287 [W/m2]; psAPD (4.0cm2, sq) = 131 [W/m2]