Date: 2024-08-27

System Check_Head_2450MHz

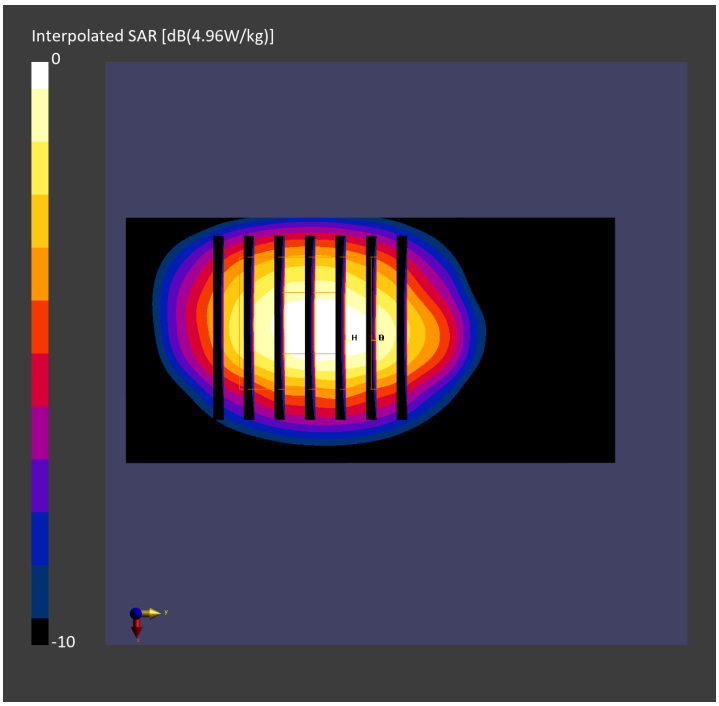
DUT: D2450V2 - SN929

Communication System: CW; Frequency: 2450.000 MHz
Medium: HSL_2450_240827 Medium parameters used: f= 2450.000 MHz; σ= 1.83 S/m; ε_r = 39.2
Ambient Temperature: 23.5°C; Liquid Temperature: 22.5°C

DASY8 Configuration:
- Probe: EX3DV4 - SN7695; ConvF(7.34, 7.31, 8.07); Calibrated: 2024-06-04
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1424; Calibrated: 2023-12-07
- 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 80.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 2.38 W/kg; SAR (10g) = 1.13 W/kg;

Pin=17.0dBm/Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.5 mm
Power Drift = 0.02 dB
SAR (1g) = 2.49 W/kg; SAR (8g) = 1.31 W/kg; SAR (10g) = 1.19 W/kg
Smallest distance from peaks to all points 3 dB below = 9.0 mm
Ratio of SAR at M2 to SAR at M1 = 82.1 %



Date: 2024-08-28

System Check_Head_5250MHz

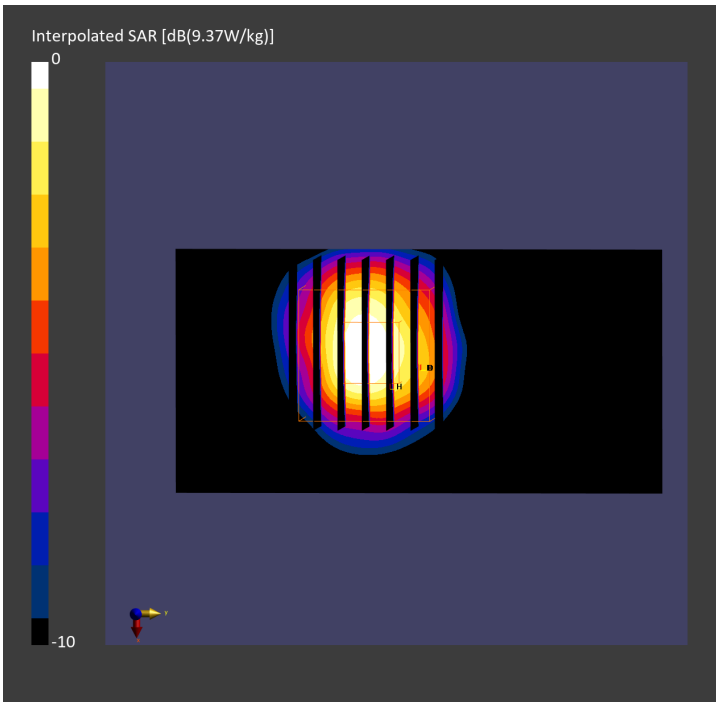
DUT: D5GHzV2 - SN1006

Communication System: CW; Frequency: 5250.000 MHz
Medium: HSL_5G_240828 Medium parameters used: f= 5250.000 MHz; σ= 4.64 S/m; ε_r = 35.7
Ambient Temperature: 23.5°C; Liquid Temperature: 22.5°C

DASY8 Configuration:
- Probe: EX3DV4 - SN7695; ConvF(5.29, 5.43, 5.87); Calibrated: 2024-06-04
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1424; Calibrated: 2023-12-07
- 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) = 6.45 W/kg; SAR (10g) = 2.06 W/kg;

Pin=20.0dBm/Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm
Power Drift = 0.02 dB
SAR (1g) = 7.81 W/kg; SAR (8g) = 2.69 W/kg; SAR (10g) = 2.32 W/kg
Smallest distance from peaks to all points 3 dB below = 7.3 mm
Ratio of SAR at M2 to SAR at M1 = 67.0 %



Date: 2024-08-28

System Check_Head_5600MHz

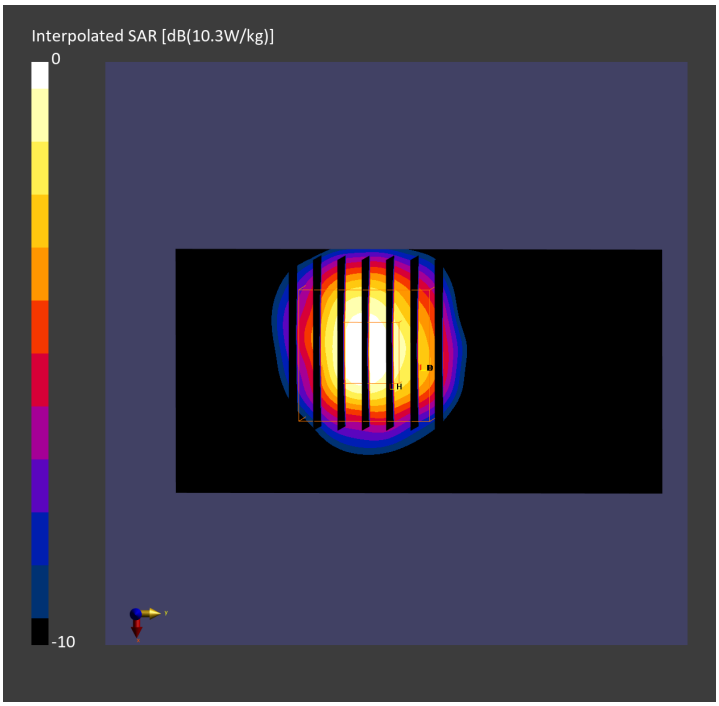
DUT: D5GHzV2 - SN1006

Communication System: CW; Frequency: 5600.000 MHz
Medium: HSL_5G_240828 Medium parameters used: f= 5600.000 MHz; σ= 5.04 S/m; ε_r = 35.1
Ambient Temperature: 23.5°C; Liquid Temperature: 22.5°C

DASY8 Configuration:
- Probe: EX3DV4 - SN7695; ConvF(4.55, 4.68, 5.11); Calibrated: 2024-06-04
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1424; Calibrated: 2023-12-07
- 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) = 7.19 W/kg; SAR (10g) = 2.27 W/kg;

Pin=20.0dBm/Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm
Power Drift = 0.02 dB
SAR (1g) = 8.65 W/kg; SAR (8g) = 2.96 W/kg; SAR (10g) = 2.56 W/kg
Smallest distance from peaks to all points 3 dB below = 7.4 mm
Ratio of SAR at M2 to SAR at M1 = 64.6 %



Date: 2024-08-28

System Check_Head_5750MHz

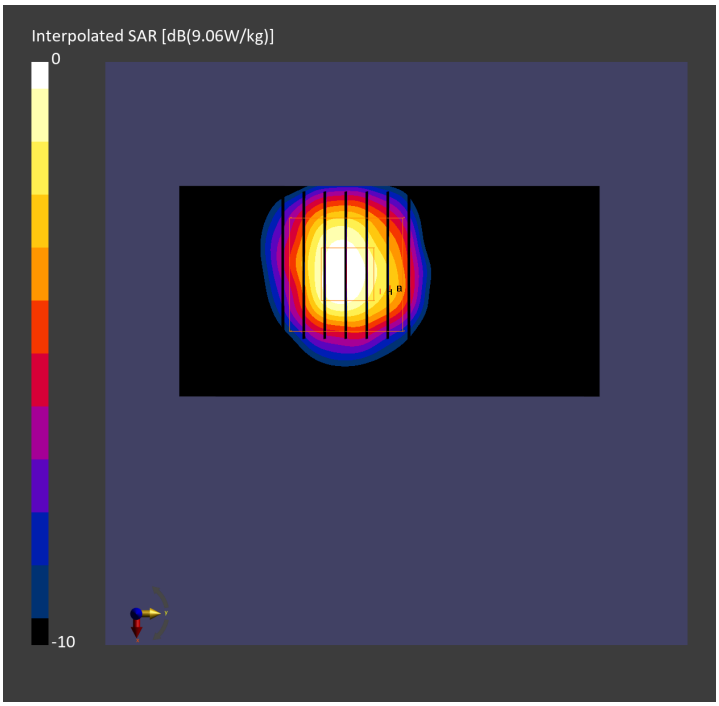
DUT: D5GHzV2 - SN1006

Communication System: CW; Frequency: 5750.000 MHz
Medium: HSL_5G_240828 Medium parameters used: f= 5750.000 MHz; σ= 5.22 S/m; ε_r = 34.7
Ambient Temperature: 23.5°C; Liquid Temperature: 22.5°C

DASY8 Configuration:
- Probe: EX3DV4 - SN7695; ConvF(4.64, 4.73, 5.15); Calibrated: 2024-06-04
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1424; Calibrated: 2023-12-07
- 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) = 6.37 W/kg; SAR (10g) = 2.01 W/kg;

Pin=20.0dBm/Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm
Power Drift = 0.03 dB
SAR (1g) = 7.71 W/kg; SAR (8g) = 2.64 W/kg; SAR (10g) = 2.28 W/kg
Smallest distance from peaks to all points 3 dB below = 7.4 mm
Ratio of SAR at M2 to SAR at M1 = 63.4 %



Date: 2024-08-27

System Check_Head_6500MHz

DUT: D6.5GHzV2 - SN1083

Communication System: CW; Frequency: 6500.000 MHz
Medium: HSL_6G_240827 Medium parameters used: f= 6500.000 MHz; σ= 5.93 S/m; ε_r = 35.1
Ambient Temperature: 23.5°C; Liquid Temperature: 22.5°C

DASY8 Configuration:
- Probe: EX3DV4 - SN7695; ConvF(5.57, 5.64, 6.2); Calibrated: 2024-06-04
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1424; Calibrated: 2023-12-07
- 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 (51.0 mm x 85.0 mm): Measurement Grid: 8.5 mm x 8.5 mm
SAR (1g) = 23.0 W/kg; SAR (10g) = 5.01 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 = 0.02 dB
SAR (1g) = 29.9 W/kg; SAR (8g) = 6.87 W/kg; SAR (10g) = 5.65 W/kg
Smallest distance from peaks to all points 3 dB below = 4.6 mm
Ratio of SAR at M2 to SAR at M1 = 57.1 %
psAPD (1.0cm2, sq) = 299 [W/m2]; psAPD (4.0cm2, sq) = 137 [W/m2]