Date: 2024-12-29

System Check_Head_2450MHz

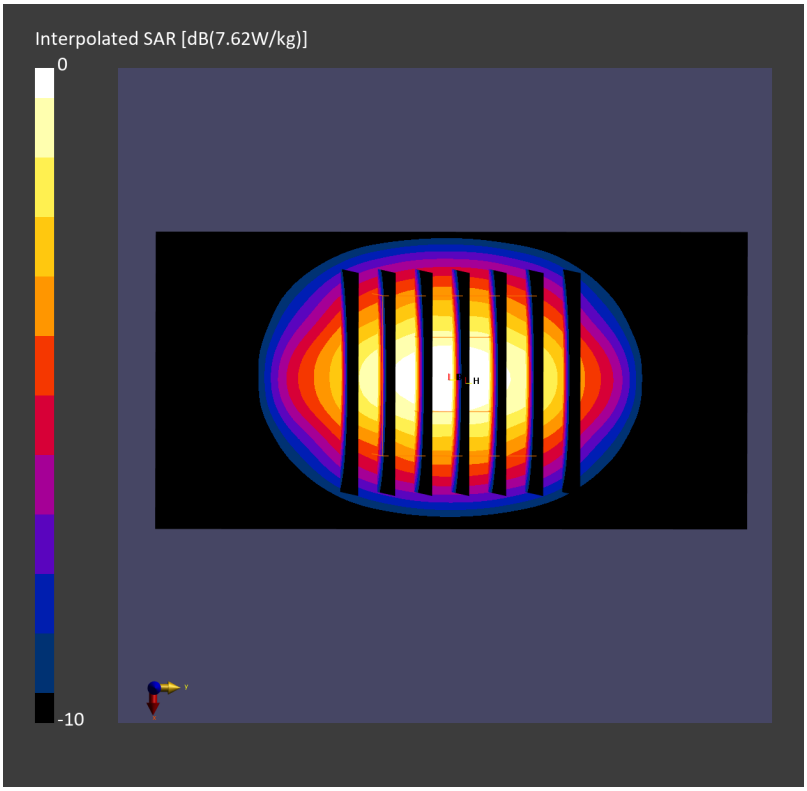
DUT: D2450V2 - SN736

Communication System: CW; Frequency: 2450.000 MHz
Medium: HSL_2450_241229 Medium parameters used: f= 2450.000 MHz; σ= 1.82 S/m; ε_r = 39.2
Ambient Temperature: 23.5°C; Liquid Temperature: 22.5°C

DASY8 Configuration:
- Probe: EX3DV4 - SN7822; ConvF(6.89, 6.76, 7.16); Calibrated: 2024-09-03
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1823; Calibrated: 2024-07-15
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2211; 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) = 5.76 W/kg; SAR (10g) = 2.66 W/kg;

Pin=20.0dBm/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 = -0.03 dB
SAR (1g) = 5.59 W/kg; SAR (8g) = 2.91 W/kg; SAR (10g) = 2.64 W/kg
Smallest distance from peaks to all points 3 dB below = 9.0 mm
Ratio of SAR at M2 to SAR at M1 = 80.7 %



Date: 2025-01-17

System Check_Head_2450MHz

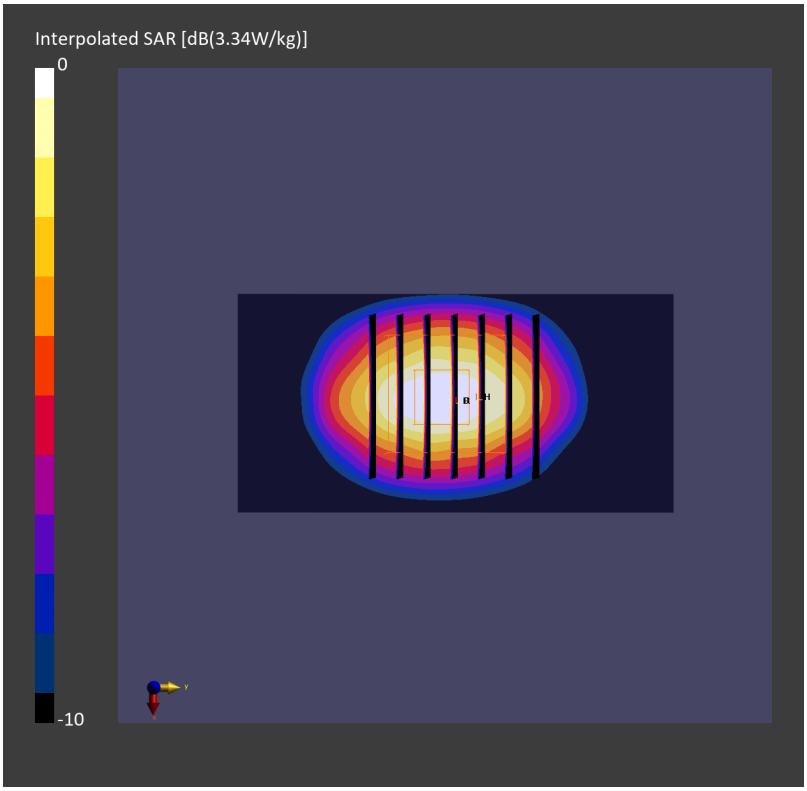
DUT: D2450V2 - SN806

Communication System: CW; Frequency: 2450.000 MHz
Medium: HSL_2450_250117 Medium parameters used: f= 2450.000 MHz; σ= 1.83 S/m; ε_r = 39.4
Ambient Temperature: 23.1°C; Liquid Temperature: 22.1°C

DASY6 Configuration:
- Probe: EX3DV4 - SN7822; ConvF(6.89, 6.76, 7.16); Calibrated: 2024-09-03
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1326; Calibrated: 2024-07-15
- Phantom: ELI V5.0 (20deg probe tilt); Serial: 1238-; 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) = 2.56 W/kg; SAR (10g) = 1.19 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 = -0.01 dB
SAR (1g) = 2.56 W/kg; SAR (8g) = 1.33 W/kg; SAR (10g) = 1.21 W/kg
Smallest distance from peaks to all points 3 dB below = 9.1 mm
Ratio of SAR at M2 to SAR at M1 = 82.0 %



Date: 2024-12-30

System Check_Head_5250MHz

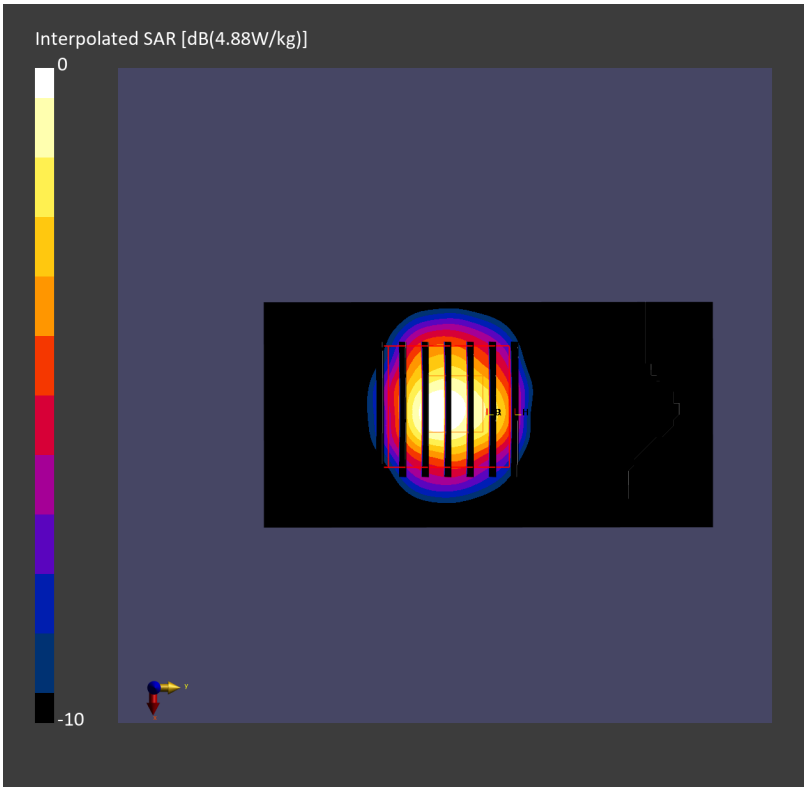
DUT: D5GHzV2 - SN1171

Communication System: CW; Frequency: 5250.000 MHz
Medium: HSL_5G_241230 Medium parameters used: f= 5250.000 MHz; σ= 4.64 S/m; ε_r = 36.6
Ambient Temperature: 23.4°C; Liquid Temperature: 22.4°C

DASY8 Configuration:
- Probe: EX3DV4 - SN7822; ConvF(5.28, 5.18, 5.48); Calibrated: 2024-09-03
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1823; Calibrated: 2024-07-15
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2211; 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) = 3.22 W/kg; SAR (10g) = 0.975 W/kg;

Pin=17.0dBm/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 = 0.00 dB
SAR (1g) = 3.63 W/kg; SAR (8g) = 1.22 W/kg; SAR (10g) = 1.04 W/kg
Smallest distance from peaks to all points 3 dB below = 7.2 mm
Ratio of SAR at M2 to SAR at M1 = 63.4 %



Date: 2024-12-30

System Check_Head_5600MHz

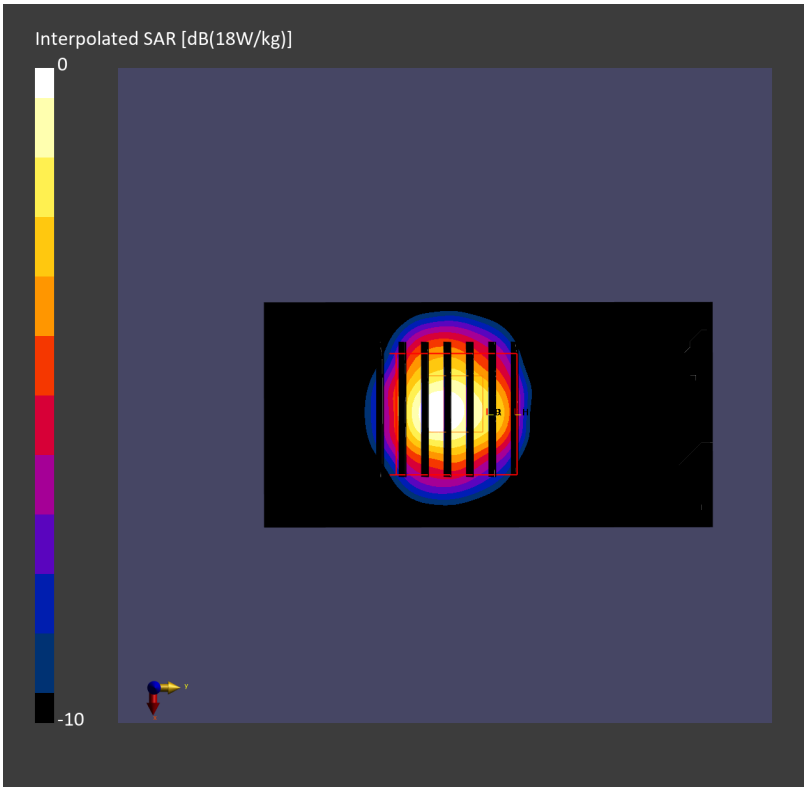
DUT: D5GHzV2 - SN1171

Communication System: CW; Frequency: 5600.000 MHz
Medium: HSL_5G_241230 Medium parameters used: f= 5600.000 MHz; σ= 5.10 S/m; ε_r = 36.1
Ambient Temperature: 23.4°C; Liquid Temperature: 22.4°C

DASY8 Configuration:
- Probe: EX3DV4 - SN7822; ConvF(4.77, 4.68, 4.95); Calibrated: 2024-09-03
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1823; Calibrated: 2024-07-15
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2211; 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) = 3.66 W/kg; SAR (10g) = 1.09 W/kg;

Pin=17.0dBm/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 = 0.01 dB
SAR (1g) = 4.11 W/kg; SAR (8g) = 1.37 W/kg; SAR (10g) = 1.17 W/kg
Smallest distance from peaks to all points 3 dB below = 7.4 mm
Ratio of SAR at M2 to SAR at M1 = 59.9 %



Date: 2024-12-30

System Check_Head_5800MHz

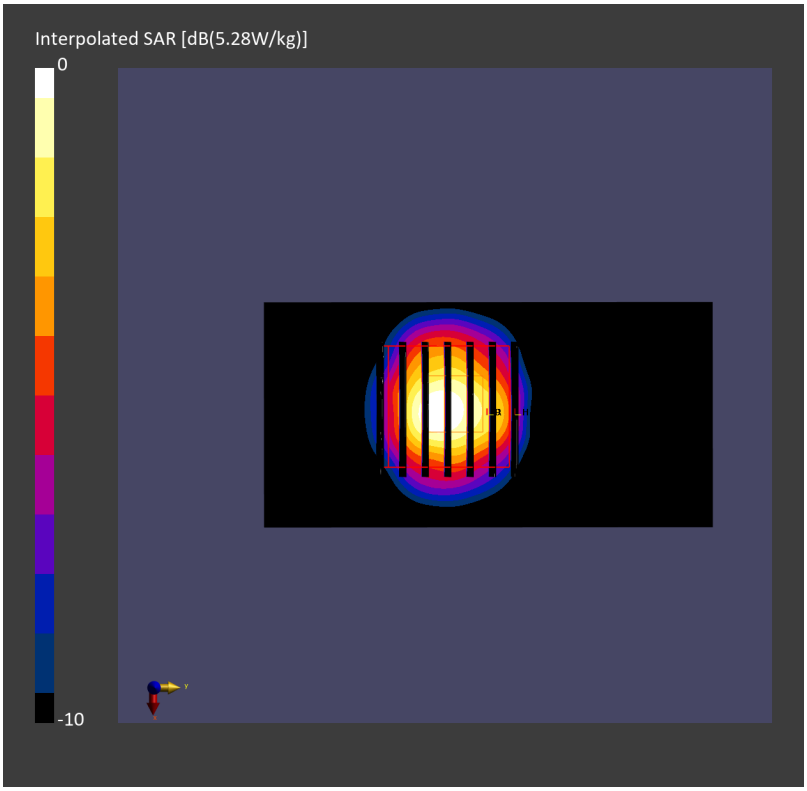
DUT: D5GHzV2 - SN1171

Communication System: CW; Frequency: 5800.000 MHz
Medium: HSL_5G_241230 Medium parameters used: f= 5800.000 MHz; σ= 5.35 S/m; ε_r = 35.7
Ambient Temperature: 23.4°C; Liquid Temperature: 22.4°C

DASY8 Configuration:
- Probe: EX3DV4 - SN7822; ConvF(4.8, 4.71, 4.99); Calibrated: 2024-09-03
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1823; Calibrated: 2024-07-15
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2211; 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) = 3.53 W/kg; SAR (10g) = 1.05 W/kg;

Pin=17.0dBm/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 = 0.01 dB
SAR (1g) = 3.95 W/kg; SAR (8g) = 1.32 W/kg; SAR (10g) = 1.13 W/kg
Smallest distance from peaks to all points 3 dB below = 7.6 mm
Ratio of SAR at M2 to SAR at M1 = 58.1 %



Date: 2024-12-28

System Check_Head_6500MHz

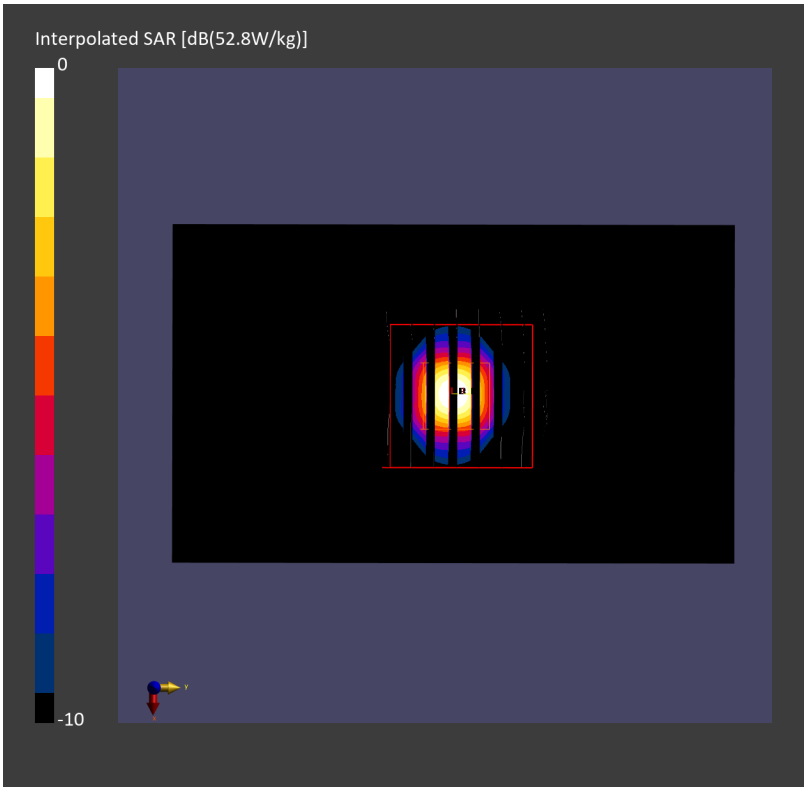
DUT: D6.5GHzV2 - SN1003

Communication System: CW; Frequency: 6500.000 MHz
Medium: HSL_6G_241228 Medium parameters used: f= 6500.000 MHz; σ= 6.07 S/m; ε_r = 34.4
Ambient Temperature: 23.7°C; Liquid Temperature: 22.7°C

DASY8 Configuration:
- Probe: EX3DV4 - SN7822; ConvF(5.09, 4.99, 5.29); Calibrated: 2024-09-03
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1823; Calibrated: 2024-07-15
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2211; 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) = 26.0 W/kg; SAR (10g) = 4.95 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 = 0.07 dB
SAR (1g) = 29.8 W/kg; SAR (8g) = 6.69 W/kg; SAR (10g) = 5.51 W/kg
Smallest distance from peaks to all points 3 dB below = 5.1 mm
Ratio of SAR at M2 to SAR at M1 = 60.8 %
psAPD (1.0cm2, sq) = 298 [W/m2]; psAPD (4.0cm2, sq) = 135 [W/m2]



Date: 2025-01-17

System Check_Head_6500MHz

DUT: D6.5GHzV2 - SN1083

Communication System: CW; Frequency: 6500.000 MHz
Medium: HSL_6G_250117 Medium parameters used: f= 6500.000 MHz; σ= 6.03 S/m; ε_r = 34.8
Ambient Temperature: 23.1°C; Liquid Temperature: 22.1°C

DASY6 Configuration:
- Probe: EX3DV4 - SN7822; ConvF(5.09, 4.99, 5.29); Calibrated: 2024-09-03
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1326; Calibrated: 2024-07-15
- Phantom: ELI V5.0 (20deg probe tilt); Serial: 1238-; 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) = 26.6 W/kg; SAR (10g) = 5.24 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) = 30.2 W/kg; SAR (8g) = 6.96 W/kg; SAR (10g) = 5.72 W/kg
Smallest distance from peaks to all points 3 dB below = 4.9 mm
Ratio of SAR at M2 to SAR at M1 = 54.8 %
psAPD (1.0cm2, sq) = 302 [W/m2]; psAPD (4.0cm2, sq) = 139 [W/m2]