Date: 2023-11-25

System Check_Head_2450MHz

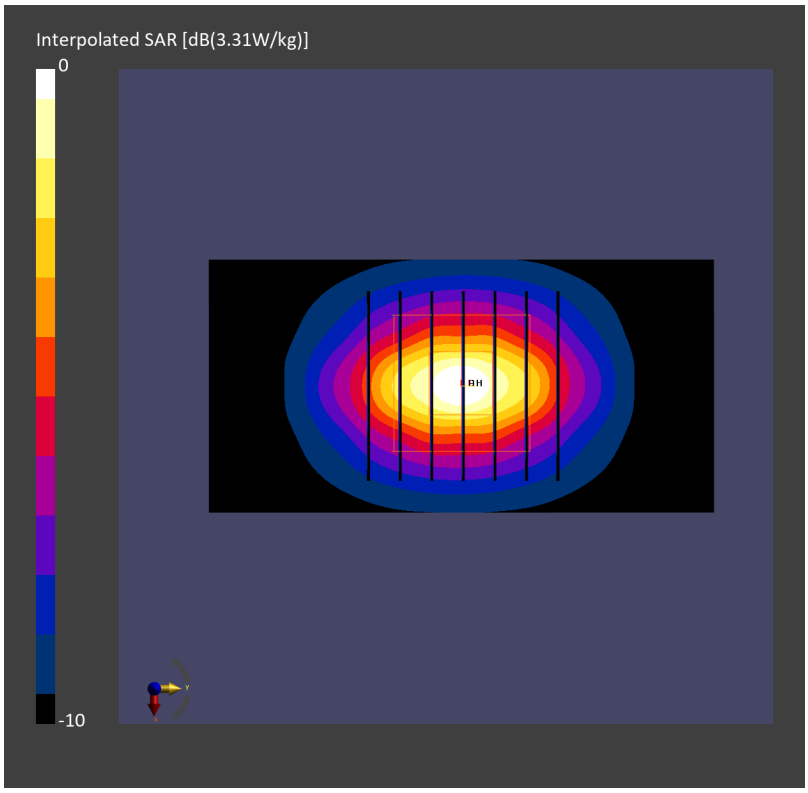
DUT: D2450V2 - SN929

Communication System: CW; Frequency: 2450.000 MHz; Duty Cycle: 1:1
Medium: HSL_2450_231125 Medium parameters used: f= 2450.000 MHz; σ= 1.84 S/m; ε_r = 39.1
Ambient Temperature: 23.5°C; Liquid Temperature: 22.5°C

DASY6 Configuration:
- Probe: EX3DV4 - SN7791; ConvF(6.6, 7.35, 6.64); Calibrated: 2023-02-22
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1776; Calibrated: 2023-03-03
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2192; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: CW

Pin=17.0dBm/Area Scan (40.0 mm x 80.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 2.50 W/kg; SAR (10g) = 1.15 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 = -0.00 dB
SAR (1g) = 2.50 W/kg; SAR (8g) = 1.30 W/kg; SAR (10g) = 1.18 W/kg
Smallest distance from peaks to all points 3 dB below = 9.0 mm
Ratio of SAR at M2 to SAR at M1 = 79.1 %



Date: 2023-11-29

System Check_Head_2450MHz

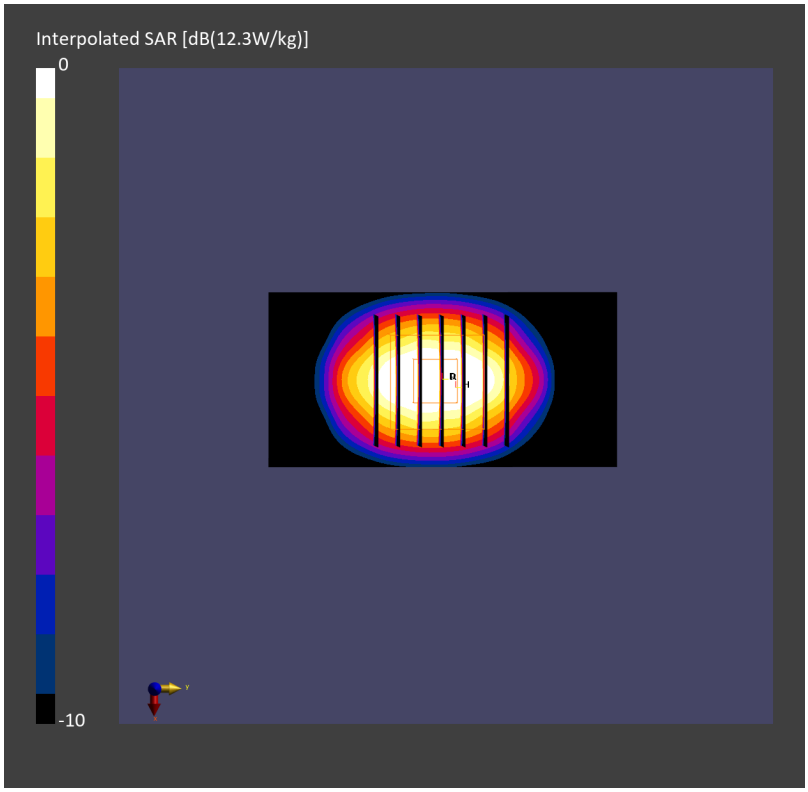
DUT: D2450V2 - SN929

Communication System: CW; Frequency: 2450.000 MHz; Duty Cycle: 1:1
Medium: HSL_2450_231129 Medium parameters used: f= 2450.000 MHz; σ= 1.83 S/m; ε_r = 39.0
Ambient Temperature: 23.3°C; Liquid Temperature: 22.3°C

DASY6 Configuration:
- Probe: EX3DV4 - SN7793; ConvF(6.95, 6.73, 7.1); Calibrated: 2023-03-08
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn376; Calibrated: 2023-09-14
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2196; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: CW

Pin=24.0dBm/Area Scan (40.0 mm x 80.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 12.3 W/kg; SAR (10g) = 5.70 W/kg;

Pin=24.0dBm/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) = 12.3 W/kg; SAR (8g) = 6.41 W/kg; SAR (10g) = 5.82 W/kg
Smallest distance from peaks to all points 3 dB below = 9.0 mm
Ratio of SAR at M2 to SAR at M1 = 82.3 %



Date: 2024-01-24

System Check_Head_2450MHz

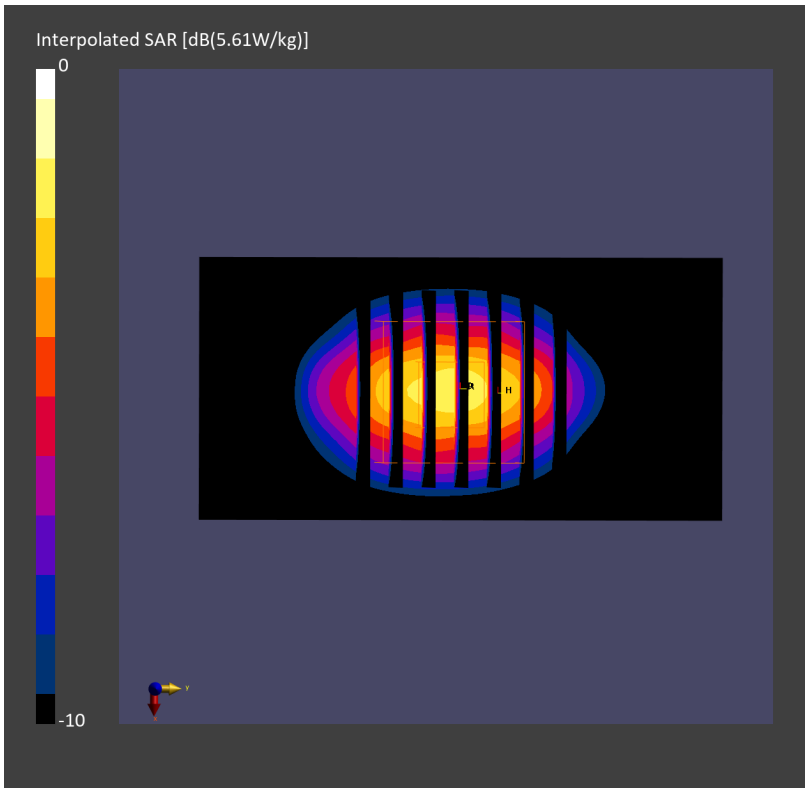
DUT: D2450V2 - SN929

Communication System: CW; Frequency: 2450.000 MHz; Duty Cycle: 1:1
Medium: HSL_2450_240124 Medium parameters used: f= 2450.000 MHz; σ= 1.81 S/m; ε_r = 39.5
Ambient Temperature: 23.5°C; Liquid Temperature: 22.5°C

DASY6 Configuration:
- Probe: EX3DV4 - SN7793; ConvF(6.95, 6.73, 7.1); Calibrated: 2023-03-08
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn376; Calibrated: 2023-09-14
- Phantom: ELI V8.0-I; Serial: 2196; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: CW

Pin=17.0dBm/Area Scan (40.0 mm x 80.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 2.66 W/kg; SAR (10g) = 1.21 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) = 2.68 W/kg; SAR (8g) = 1.37 W/kg; SAR (10g) = 1.24 W/kg
Smallest distance from peaks to all points 3 dB below = 8.1 mm
Ratio of SAR at M2 to SAR at M1 = 79.2 %



Date: 2023-11-25

System Check_Head_5250MHz

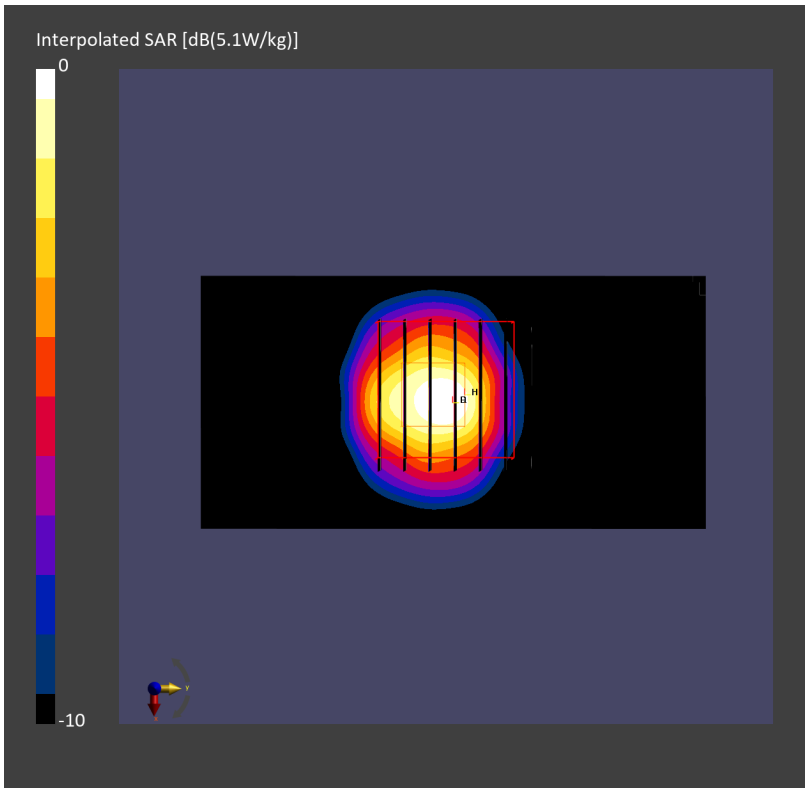
DUT: D5GHzV2 - SN1171

Communication System: CW; Frequency: 5250.000 MHz; Duty Cycle: 1:1
Medium: HSL_5G_231125 Medium parameters used: f= 5250.000 MHz; σ= 4.64 S/m; ε_r = 35.5
Ambient Temperature: 23.5°C; Liquid Temperature: 22.5°C

DASY6 Configuration:
- Probe: EX3DV4 - SN7791; ConvF(4.93, 5.47, 4.85); Calibrated: 2023-02-22
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1776; Calibrated: 2023-03-03
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2192; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: CW

Pin=17.0dBm/Area Scan (40.0 mm x 80.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 3.37 W/kg; SAR (10g) = 1.01 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 = -0.02 dB
SAR (1g) = 3.71 W/kg; SAR (8g) = 1.24 W/kg; SAR (10g) = 1.05 W/kg
Smallest distance from peaks to all points 3 dB below = 7.2 mm
Ratio of SAR at M2 to SAR at M1 = 64.2 %



Date: 2023-11-25

System Check_Head_5600MHz

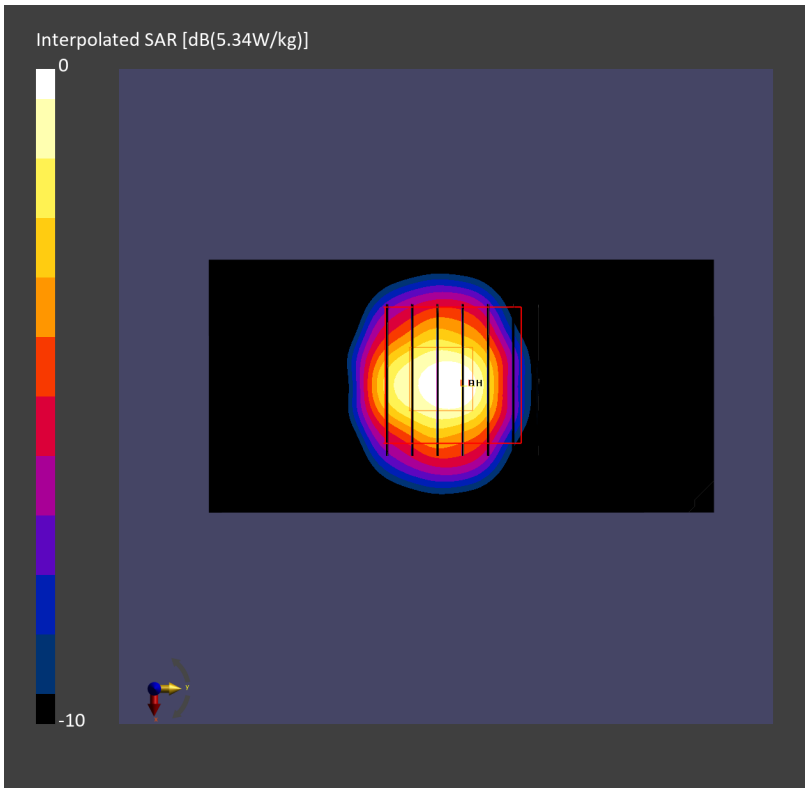
DUT: D5GHzV2 - SN1171

Communication System: CW; Frequency: 5600.000 MHz; Duty Cycle: 1:1
Medium: HSL_5G_231125 Medium parameters used: f= 5600.000 MHz; σ= 5.03 S/m; ε_r = 34.9
Ambient Temperature: 23.5°C; Liquid Temperature: 22.5°C

DASY6 Configuration:
- Probe: EX3DV4 - SN7791; ConvF(4.35, 4.72, 4.41); Calibrated: 2023-02-22
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1776; Calibrated: 2023-03-03
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2192; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: CW

Pin=17.0dBm/Area Scan (40.0 mm x 80.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 3.60 W/kg; SAR (10g) = 1.07 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) = 4.01 W/kg; SAR (8g) = 1.32 W/kg; SAR (10g) = 1.12 W/kg
Smallest distance from peaks to all points 3 dB below = 7.2 mm
Ratio of SAR at M2 to SAR at M1 = 61.7 %



Date: 2023-11-25

System Check_Head_5750MHz

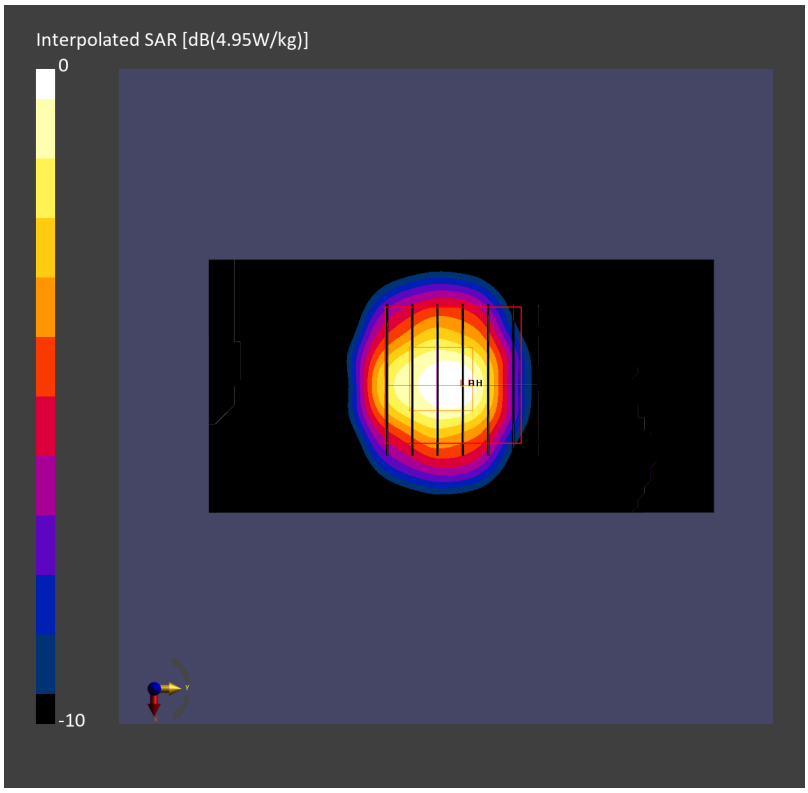
DUT: D5GHzV2 - SN1171

Communication System: CW; Frequency: 5750.000 MHz; Duty Cycle: 1:1
Medium: HSL_5G_231125 Medium parameters used: f= 5750.000 MHz; σ= 5.22 S/m; ε_r = 34.6
Ambient Temperature: 23.5°C; Liquid Temperature: 22.5°C

DASY6 Configuration:
- Probe: EX3DV4 - SN7791; ConvF(4.44, 4.92, 4.4); Calibrated: 2023-02-22
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1776; Calibrated: 2023-03-03
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2192; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: CW

Pin=17.0dBm/Area Scan (40.0 mm x 80.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 3.37 W/kg; SAR (10g) = 1.00 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) = 3.75 W/kg; SAR (8g) = 1.23 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 = 60.4 %



Date: 2023-11-29

System Check_Head_5750MHz

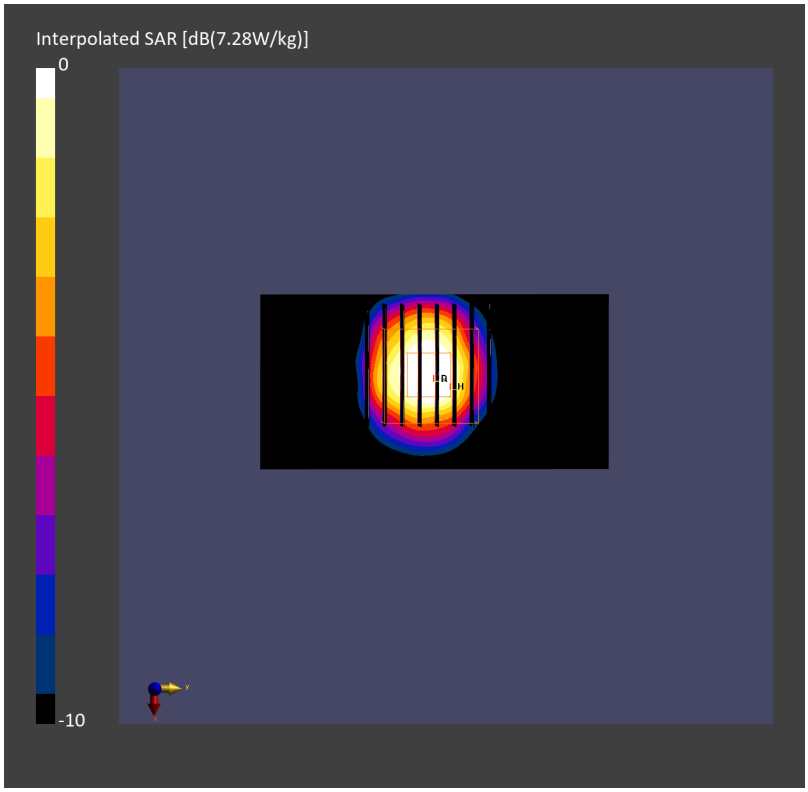
DUT: D5GHzV2 - SN1128

Communication System: CW; Frequency: 5750.000 MHz; Duty Cycle: 1:1
Medium: HSL_5G_231129 Medium parameters used: f= 5750.000 MHz; σ= 5.19 S/m; ε_r = 36.5
Ambient Temperature: 23.3°C; Liquid Temperature: 22.3°C

DASY6 Configuration:
- Probe: EX3DV4 - SN7793; ConvF(4.55, 4.34, 4.46); Calibrated: 2023-03-08
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn376; Calibrated: 2023-09-14
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2196; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: CW

Pin=20.0dBm/Area Scan (40.0 mm x 80.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 6.66 W/kg; SAR (10g) = 1.99 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 = -0.00 dB
SAR (1g) = 7.28 W/kg; SAR (8g) = 2.44 W/kg; SAR (10g) = 2.10 W/kg
Smallest distance from peaks to all points 3 dB below = 7.4 mm
Ratio of SAR at M2 to SAR at M1 = 62.1 %



Date: 2024-02-17

System Check_Head_5750MHz

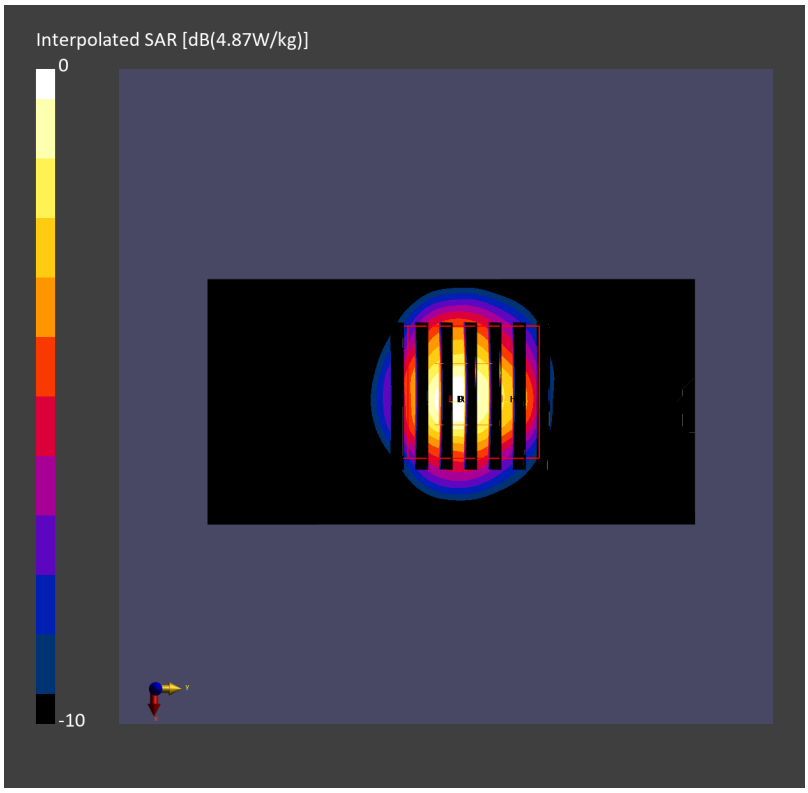
DUT: D5GHzV2 - SN1171

Communication System: CW; Frequency: 5750.000 MHz; Duty Cycle: 1:1
Medium: HSL_5G_240217 Medium parameters used: f= 5750.000 MHz; σ= 5.15 S/m; ε_r = 35.6
Ambient Temperature: 23.6°C; Liquid Temperature: 22.6°C

DASY6 Configuration:
- Probe: EX3DV4 - SN7590; ConvF(5.02, 5.02, 5.02); Calibrated: 2023-03-23
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1399; Calibrated: 2023-02-21
- Phantom: ELI V4.0 (20deg probe tilt); Serial: 1227; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: CW

Pin=17.0dBm/Area Scan (40.0 mm x 80.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 3.14 W/kg; SAR (10g) = 0.916 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 = -0.03 dB
SAR (1g) = 3.72 W/kg; SAR (8g) = 1.14 W/kg; SAR (10g) = 1.07 W/kg
Smallest distance from peaks to all points 3 dB below = 7.4 mm
Ratio of SAR at M2 to SAR at M1 = 60.1 %



Date: 2023-11-25

System Check_Head_5850MHz

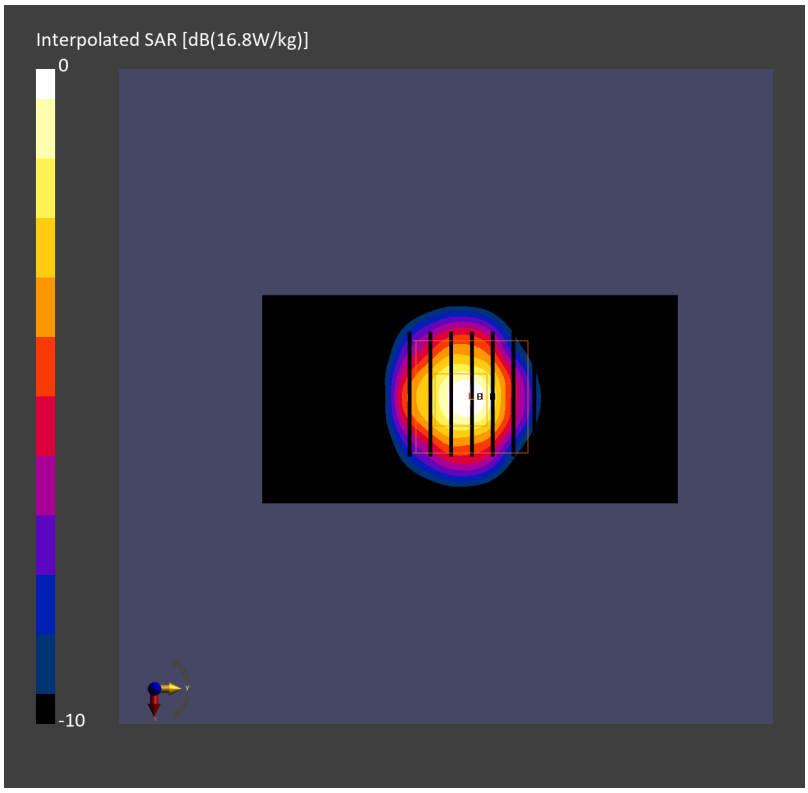
DUT: D5GHzV2 - SN1171

Communication System: CW; Frequency: 5850.000 MHz; Duty Cycle: 1:1
Medium: HSL_5G_231125 Medium parameters used: f= 5850.000 MHz; σ= 5.33 S/m; ε_r = 34.4
Ambient Temperature: 23.5°C; Liquid Temperature: 22.5°C

DASY6 Configuration:
- Probe: EX3DV4 - SN7625; ConvF(4.95, 4.95, 4.95); Calibrated: 2023-01-26
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1776; Calibrated: 2023-03-03
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2192; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: CW

Pin=17.0dBm/Area Scan (40.0 mm x 80.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 3.77 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) = 4.03 W/kg; SAR (8g) = 1.38 W/kg; SAR (10g) = 1.18 W/kg
Smallest distance from peaks to all points 3 dB below = 7.6 mm
Ratio of SAR at M2 to SAR at M1 = 61.2 %



Date: 2023-11-29

System Check_Head_5850MHz

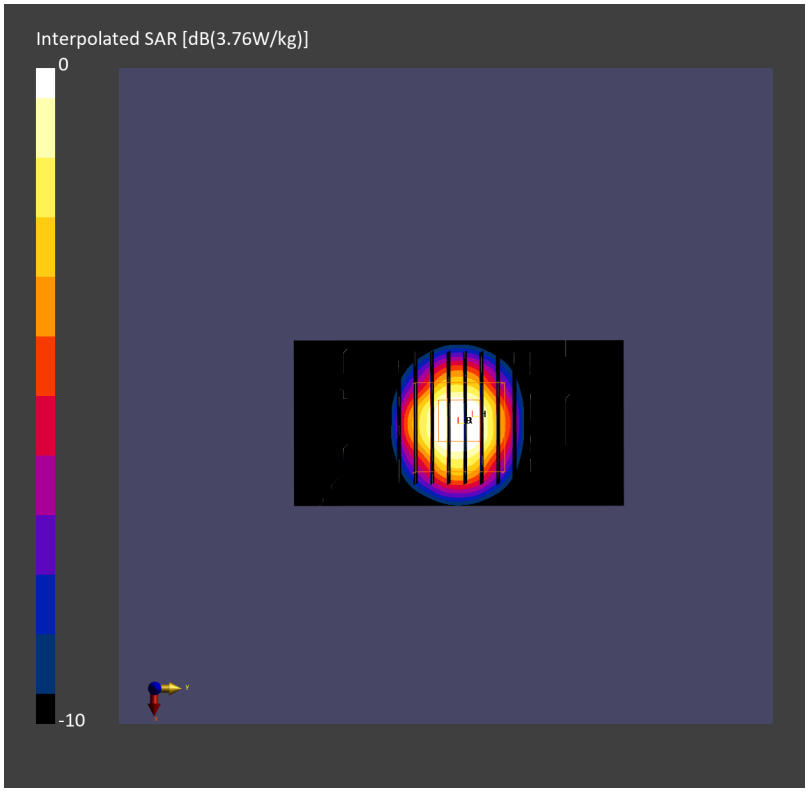
DUT: D5GHzV2 - SN1171

Communication System: CW; Frequency: 5850.000 MHz; Duty Cycle: 1:1
Medium: HSL_5G_231129 Medium parameters used: f= 5850.000 MHz; σ= 5.30 S/m; ε_r = 36.4
Ambient Temperature: 23.3°C; Liquid Temperature: 22.3°C

DASY6 Configuration:
- Probe: EX3DV4 - SN3728; ConvF(4.72, 4.72, 4.72); Calibrated: 2023-03-22
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1776; Calibrated: 2023-03-03
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2196; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: CW

Pin=17.0dBm/Area Scan (40.0 mm x 80.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 3.61 W/kg; SAR (10g) = 1.02 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 = -0.07 dB
SAR (1g) = 3.76 W/kg; SAR (8g) = 1.25 W/kg; SAR (10g) = 1.07 W/kg
Smallest distance from peaks to all points 3 dB below = 7.9 mm
Ratio of SAR at M2 to SAR at M1 = 61.2 %



Date: 2024-02-17

System Check_Head_5850MHz

DUT: D5GHzV2 - SN1171

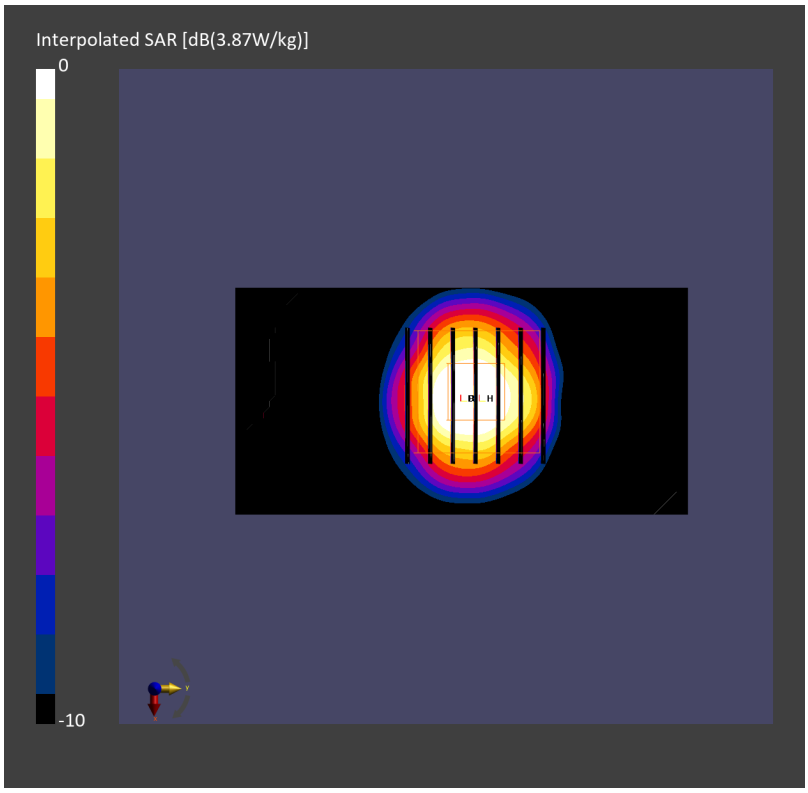
Communication System: CW; Frequency: 5850.000 MHz; Duty Cycle: 1:1
Medium: HSL_5G_240217 Medium parameters used: f= 5850.000 MHz; σ= 5.25 S/m; ε_r = 35.5
Ambient Temperature: 23.6°C; Liquid Temperature: 22.6°C

DASY6 Configuration:
- Probe: EX3DV4 - SN3976; ConvF(4.81, 4.81, 4.81); Calibrated: 2024-01-22
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn656; Calibrated: 2024-01-18
- Phantom: ELI V4.0 (20deg probe tilt); Serial: 1227; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: CW

Pin=17.0dBm/Area Scan (40.0 mm x 80.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 3.78 W/kg; SAR (10g) = 1.08 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 = 0.02 dB
SAR (1g) = 3.87 W/kg; SAR (8g) = 1.26 W/kg; SAR (10g) = 1.08 W/kg
Smallest distance from peaks to all points 3 dB below = 7.4 mm
Ratio of SAR at M2 to SAR at M1 = 59.3 %



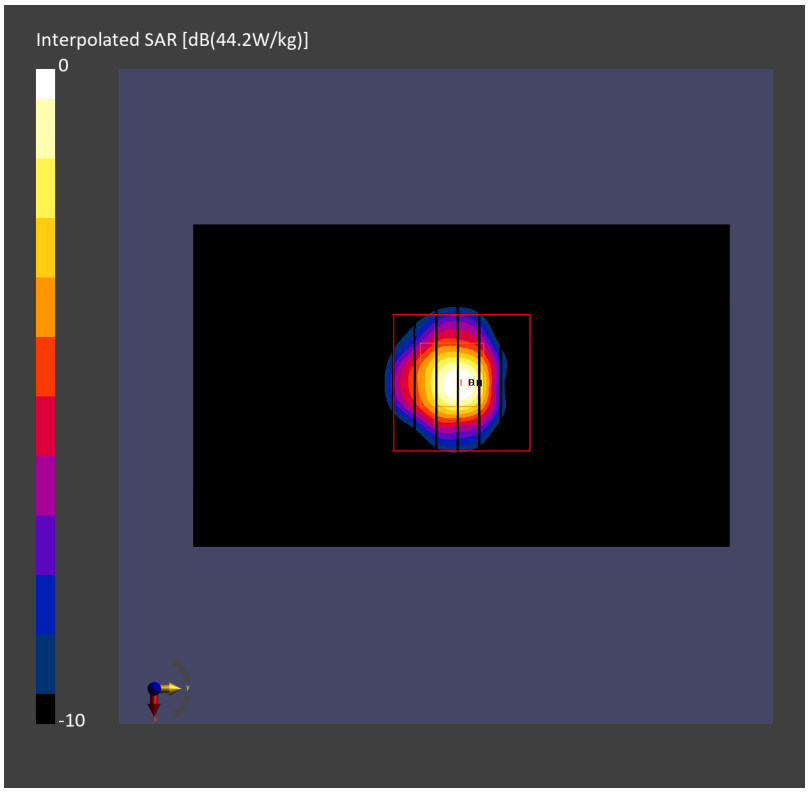
Date: 2023-11-26

System Check_Head_6500MHz

DUT: D6.5GHzV2 - SN1083

Communication System: CW; Frequency: 6500.000 MHz; Duty Cycle: 1:1
Medium: HSL_6G_231126 Medium parameters used: f= 6500.000 MHz; σ= 6.17 S/m; ε_r = 34.7
Ambient Temperature: 23.6°C; Liquid Temperature: 22.6°C

DASY6 Configuration:
- Probe: EX3DV4 - SN7791; ConvF(5.07, 5.47, 4.84); Calibrated: 2023-02-22
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1776; Calibrated: 2023-03-03
- 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) = 23.9 W/kg; SAR (10g) = 4.92 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 = 0.03 dB
SAR (1g) = 27.9 W/kg; SAR (8g) = 6.63 W/kg; SAR (10g) = 5.47 W/kg
Smallest distance from peaks to all points 3 dB below = 4.9 mm
Ratio of SAR at M2 to SAR at M1 = 49.1 %
psAPD (1.0cm2, sq) = 279 [W/m2]; psAPD (4.0cm2, sq) = 133 [W/m2]