Date: 2024-10-04

System Check_Head_3700MHz

DUT: D3700V2 - SN1022

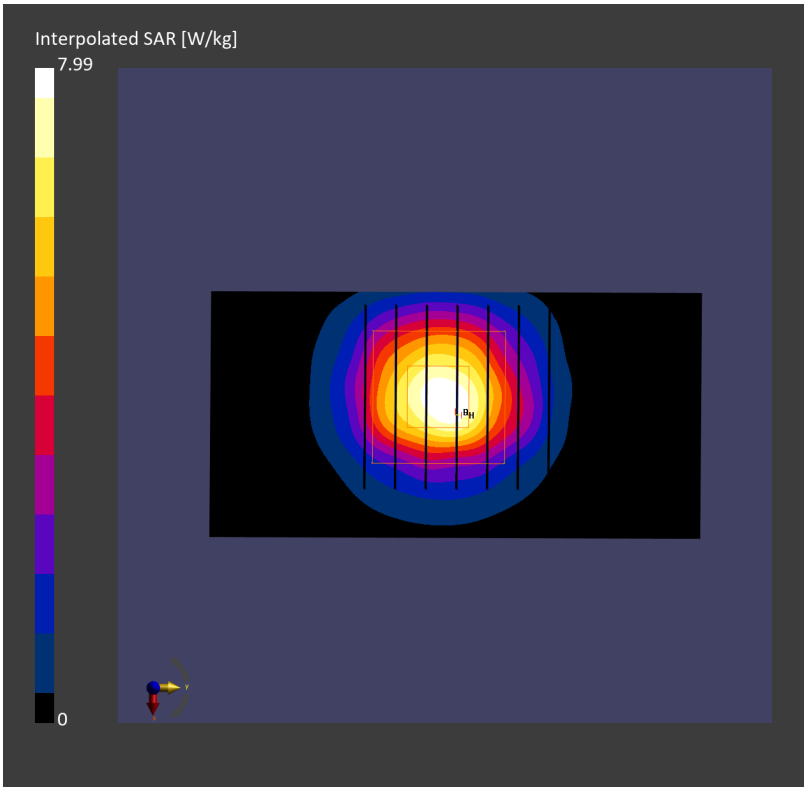
Communication System: CW; Frequency: 3700.000 MHz
Medium: HSL_3700_241004 Medium parameters used: f= 3700.000 MHz; σ= 3.12 S/m; ε_r = 37.9
Ambient Temperature: 23.4°C; Liquid Temperature: 22.4°C

DASY8 Configuration:
- Probe: EX3DV4 - SN7590; ConvF(7.0, 6.84, 6.92); Calibrated: 2024-03-19
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1776; Calibrated: 2024-02-13
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2204; 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) = 2.84 W/kg; SAR (10g) = 1.12 W/kg;

Pin=17.0dBm/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 = 0.03 dB
SAR (1g) = 3.11 W/kg; SAR (8g) = 1.29 W/kg; SAR (10g) = 1.14 W/kg
Smallest distance from peaks to all points 3 dB below = 8.1 mm
Ratio of SAR at M2 to SAR at M1 = 74.8 %



Date: 2024-10-09

System Check_Head_3700MHz

DUT: D3700V2 - SN1006

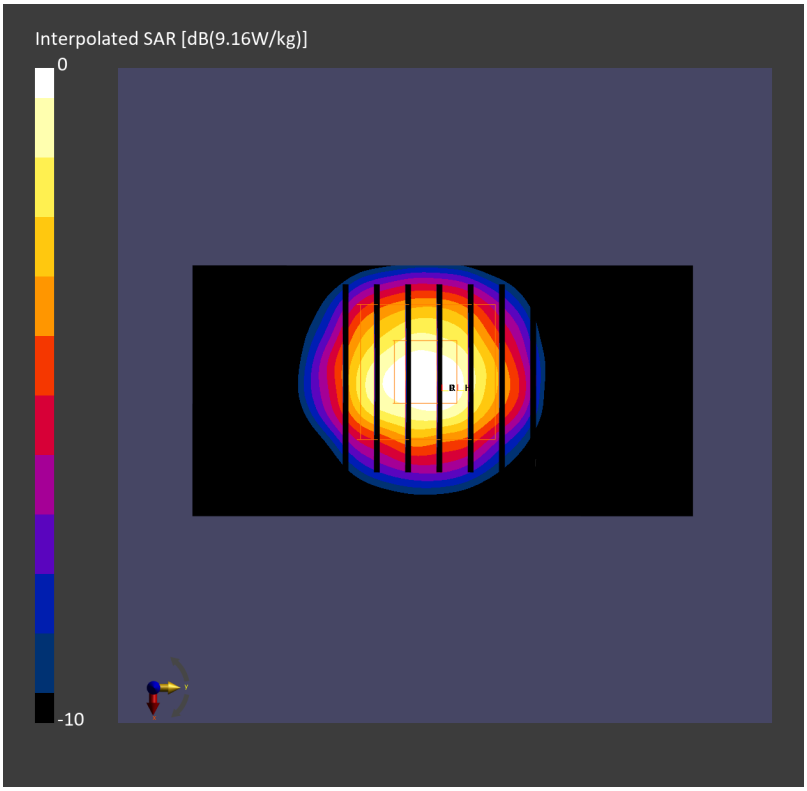
Communication System: CW; Frequency: 3700.000 MHz
Medium: HSL_3700_241009 Medium parameters used: f= 3700.000 MHz; σ= 3.18 S/m; ε_r = 37.5
Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C

DASY8 Configuration:
- Probe: EX3DV4 - SN7814; ConvF(6.43, 6.15, 6.3); Calibrated: 2024-06-20
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1800; Calibrated: 2024-06-18
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2204; 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) = 3.33 W/kg; SAR (10g) = 1.28 W/kg;

Pin=17.0dBm/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 = 0.00 dB
SAR (1g) = 3.44 W/kg; SAR (8g) = 1.47 W/kg; SAR (10g) = 1.30 W/kg
Smallest distance from peaks to all points 3 dB below = 8.3 mm
Ratio of SAR at M2 to SAR at M1 = 74.5 %



Date: 2024-10-16

System Check_Head_3700MHz

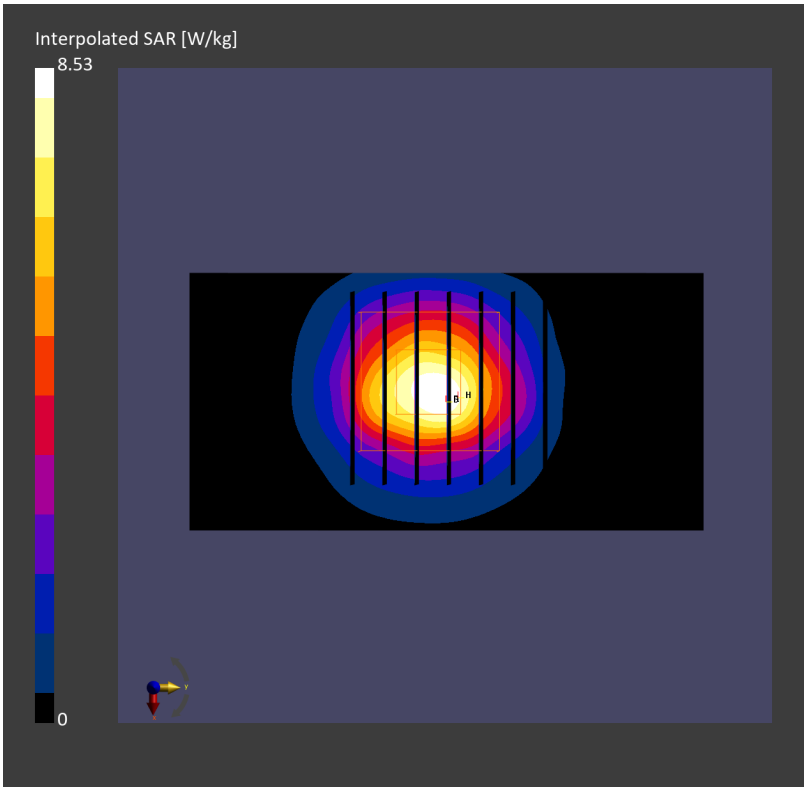
DUT: D3700V2 - SN1022

Communication System: CW; Frequency: 3700.000 MHz
Medium: HSL_3700_241016 Medium parameters used: f= 3700.000 MHz; σ= 3.20 S/m; ε_r = 38.2
Ambient Temperature: 23.6°C; Liquid Temperature: 22.6°C

DASY8 Configuration:
- Probe: EX3DV4 - SN7793; ConvF(6.14, 6.36, 6.41); Calibrated: 2024-03-01
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1800; Calibrated: 2024-06-18
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2204; 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) = 3.07 W/kg; SAR (10g) = 1.18 W/kg;

Pin=17.0dBm/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) = 3.21 W/kg; SAR (8g) = 1.37 W/kg; SAR (10g) = 1.21 W/kg
Smallest distance from peaks to all points 3 dB below = 8.3 mm
Ratio of SAR at M2 to SAR at M1 = 74.8 %



Date: 2024-10-17

System Check_Head_3700MHz

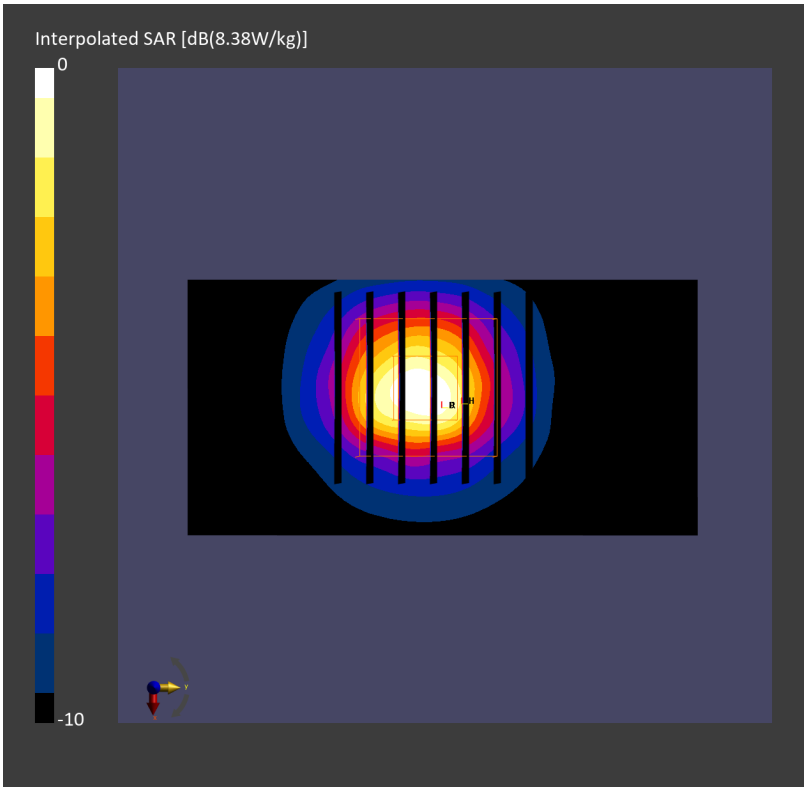
DUT: D3700V2 - SN1006

Communication System: CW; Frequency: 3700.000 MHz
Medium: HSL_3700_241017 Medium parameters used: f= 3700 MHz; σ= 3.19 S/m; ε_r = 38.1
Ambient Temperature: 23.7°C; Liquid Temperature: 22.7°C

DASY8 Configuration:
- Probe: EX3DV4 - SN7785; ConvF(6.28, 5.97, 5.91); Calibrated: 2023-11-23
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1399; Calibrated: 2024-03-13
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2204; 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) = 3.10 W/kg; SAR (10g) = 1.22 W/kg;

Pin=17.0dBm/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) = 3.22 W/kg; SAR (8g) = 1.37 W/kg; SAR (10g) = 1.21 W/kg
Smallest distance from peaks to all points 3 dB below = 8.3 mm
Ratio of SAR at M2 to SAR at M1 = 76.0 %



Date: 2024-10-18

System Check_Head_3700MHz

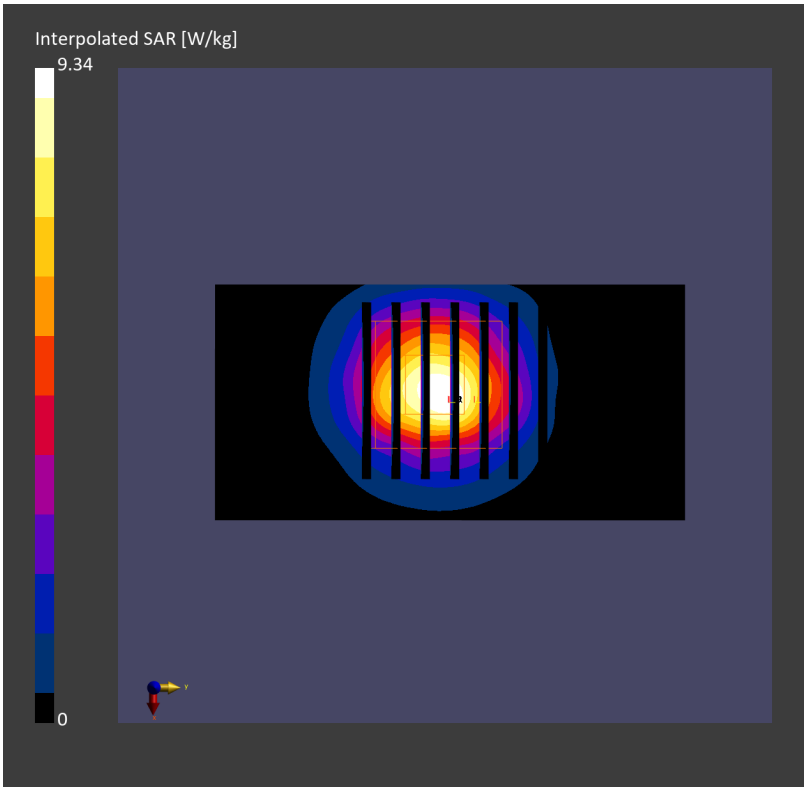
DUT: D3700V2 - SN1006

Communication System: CW; Frequency: 3700.000 MHz
Medium: HSL_3700_241018 Medium parameters used: f= 3700.000 MHz; σ= 3.20 S/m; ε_r = 37.6
Ambient Temperature: 23.8°C; Liquid Temperature: 22.8°C

DASY8 Configuration:
- Probe: EX3DV4 - SN7814; ConvF(6.43, 6.15, 6.3); Calibrated: 2024-06-20
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1800; Calibrated: 2024-06-18
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2204; 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) = 3.36 W/kg; SAR (10g) = 1.30 W/kg;

Pin=17.0dBm/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 = -0.00 dB
SAR (1g) = 3.51 W/kg; SAR (8g) = 1.49 W/kg; SAR (10g) = 1.30 W/kg
Smallest distance from peaks to all points 3 dB below = 8.3 mm
Ratio of SAR at M2 to SAR at M1 = 74.4 %



Date: 2024-10-19

System Check_Head_3700MHz

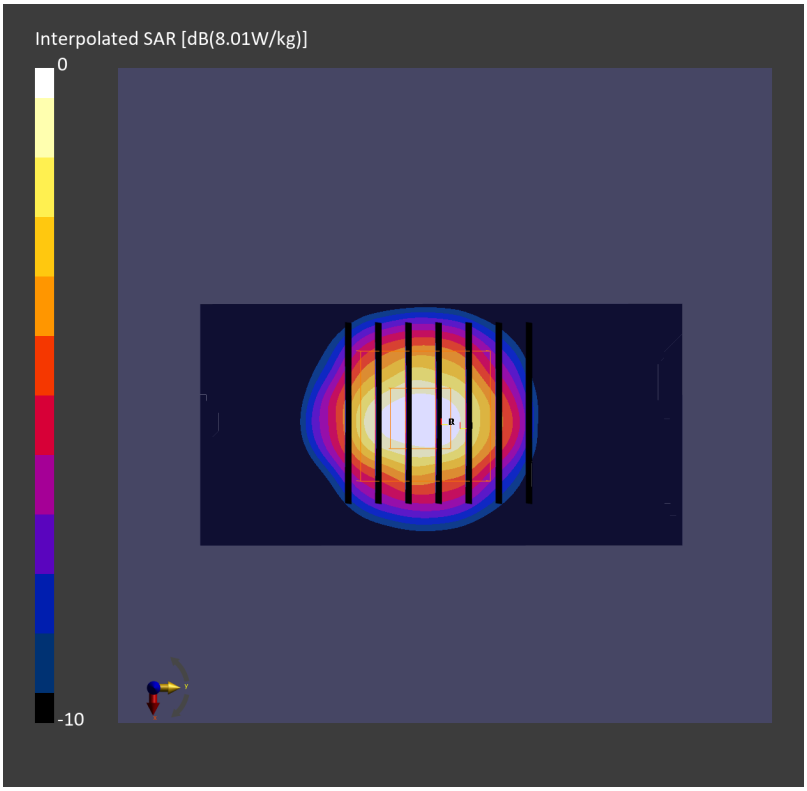
DUT: D3700V2 - SN1022

Communication System: CW; Frequency: 3700.000 MHz
Medium: HSL_3700_241019 Medium parameters used: f= 3700.000 MHz; σ= 3.22 S/m; ε_r = 37.7
Ambient Temperature: 23.9°C; Liquid Temperature: 22.9°C

DASY8 Configuration:
- Probe: EX3DV4 - SN7785; ConvF(6.28, 5.97, 5.91); Calibrated: 2023-11-23
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1399; Calibrated: 2024-03-13
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2204_0mm; 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) = 3.09 W/kg; SAR (10g) = 1.16 W/kg;

Pin=17.0dBm/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 = 0.11 dB
SAR (1g) = 3.15 W/kg; SAR (8g) = 1.35 W/kg; SAR (10g) = 1.19 W/kg
Smallest distance from peaks to all points 3 dB below = 8.6 mm
Ratio of SAR at M2 to SAR at M1 = 75.7 %



Date: 2024-10-20

System Check_Head_3700MHz

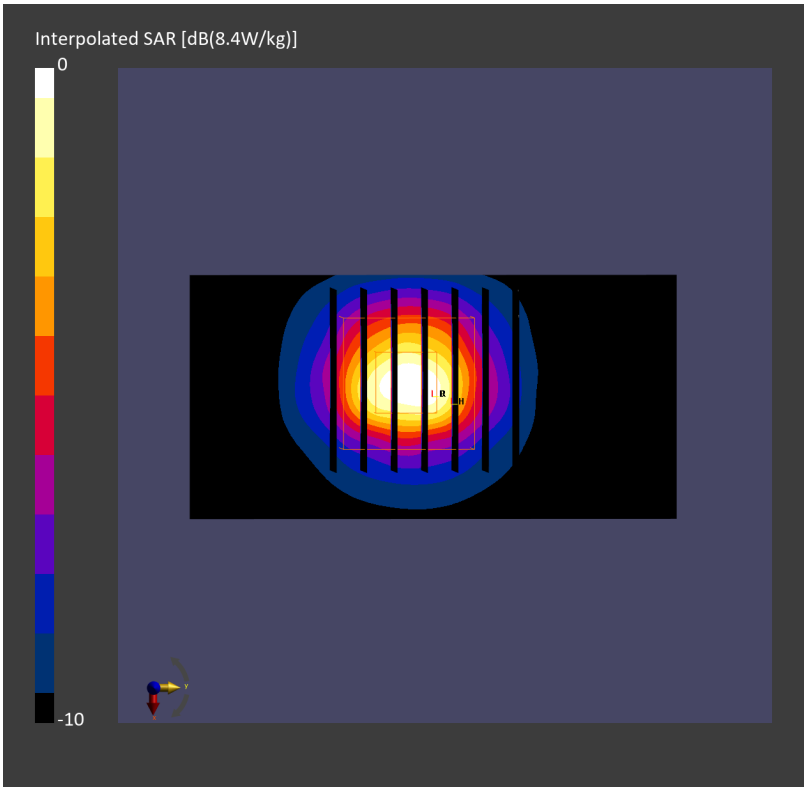
DUT: D3700V2 - SN1006

Communication System: CW; Frequency: 3700.000 MHz
Medium: HSL_3700_241020 Medium parameters used: f= 3700.000 MHz; σ= 3.21 S/m; ε_r = 37.6
Ambient Temperature: 23.3°C; Liquid Temperature: 22.3°C

DASY8 Configuration:
- Probe: EX3DV4 - SN7785; ConvF(6.28, 5.97, 5.91); Calibrated: 2023-11-23
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1399; Calibrated: 2024-03-13
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2204; 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) = 3.10 W/kg; SAR (10g) = 1.21 W/kg;

Pin=17.0dBm/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) = 3.23 W/kg; SAR (8g) = 1.38 W/kg; SAR (10g) = 1.22 W/kg
Smallest distance from peaks to all points 3 dB below = 8.6 mm
Ratio of SAR at M2 to SAR at M1 = 75.7 %



Date: 2024-10-25

System Check_Head_3700MHz

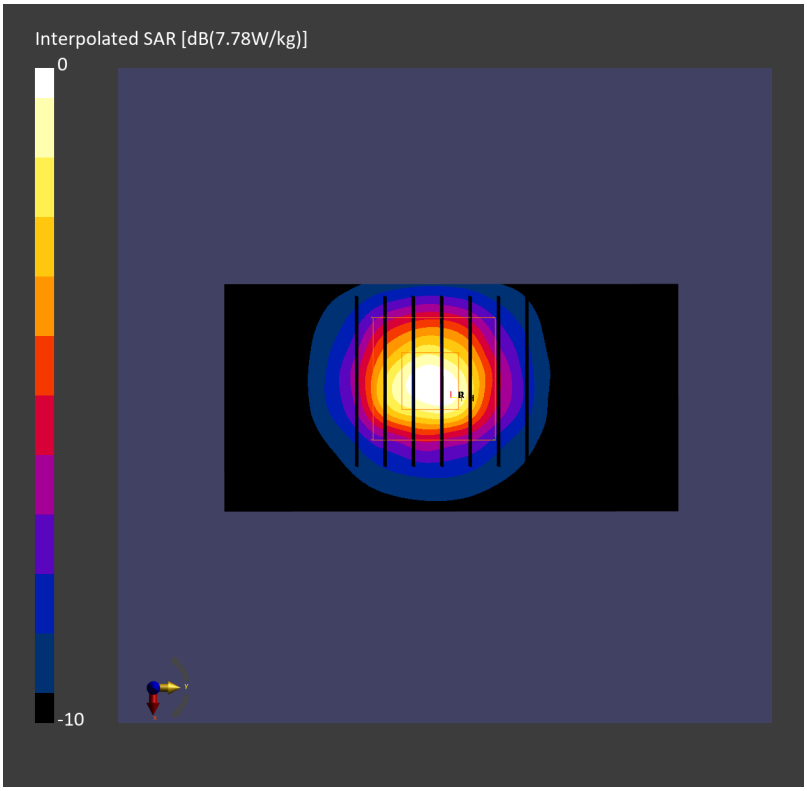
DUT: D3700V2 - SN1006

Communication System: CW; Frequency: 3700.000 MHz
Medium: HSL_3700_241025 Medium parameters used: f= 3700 MHz; σ= 3.17 S/m; ε_r = 37.5
Ambient Temperature: 23.5°C; Liquid Temperature: 22.5°C

DASY8 Configuration:
- Probe: EX3DV4 - SN7785; ConvF(6.28, 5.97, 5.91); Calibrated: 2023-11-23
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1399; Calibrated: 2024-03-13
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2204; 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) = 2.98 W/kg; SAR (10g) = 1.16 W/kg;

Pin=17.0dBm/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 = 0.00 dB
SAR (1g) = 3.15 W/kg; SAR (8g) = 1.36 W/kg; SAR (10g) = 1.20 W/kg
Smallest distance from peaks to all points 3 dB below = 8.6 mm
Ratio of SAR at M2 to SAR at M1 = 77.2 %



Date: 2024-10-26

System Check_Head_3700MHz

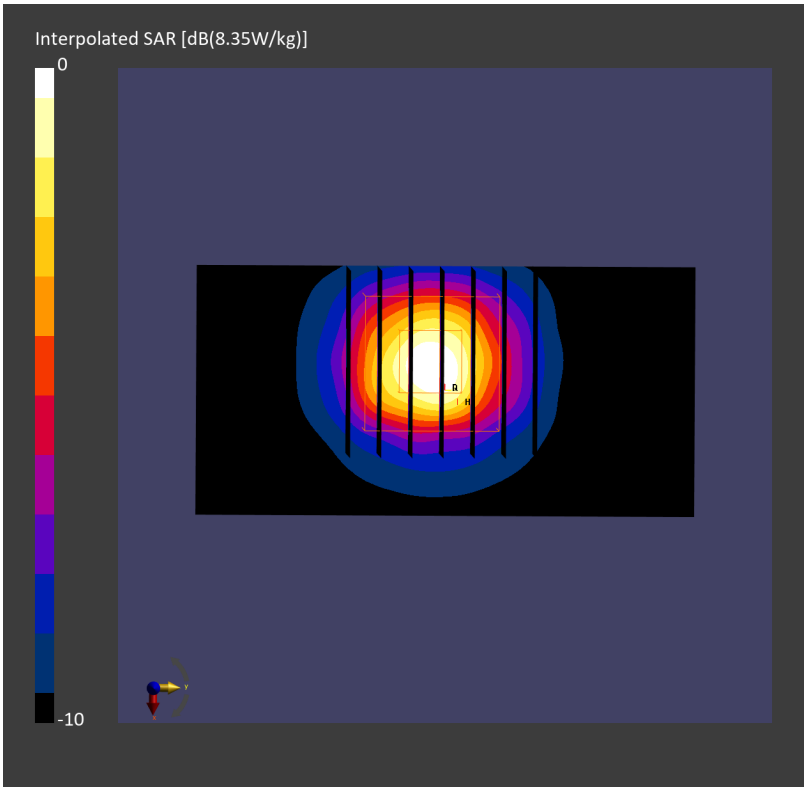
DUT: D3700V2 - SN1006

Communication System: CW; Frequency: 3700.000 MHz
Medium: HSL_3700_241026 Medium parameters used: f= 3700 MHz; σ= 3.15 S/m; ε_r = 37.8
Ambient Temperature: 23.6°C; Liquid Temperature: 22.6°C

DASY8 Configuration:
- Probe: EX3DV4 - SN7785; ConvF(6.28, 5.97, 5.91); Calibrated: 2023-11-23
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1399; Calibrated: 2024-03-13
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2204; 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) = 3.05 W/kg; SAR (10g) = 1.22 W/kg;

Pin=17.0dBm/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 = -0.00 dB
SAR (1g) = 3.22 W/kg; SAR (8g) = 1.37 W/kg; SAR (10g) = 1.21 W/kg
Smallest distance from peaks to all points 3 dB below = 8.3 mm
Ratio of SAR at M2 to SAR at M1 = 75.9 %



Date: 2024-10-27

System Check_Head_3700MHz

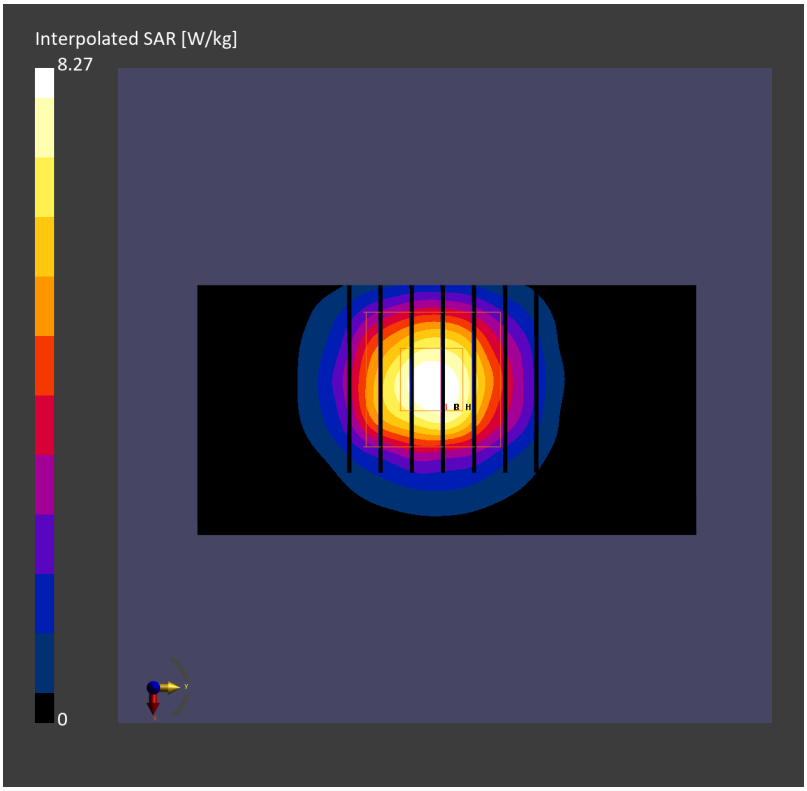
DUT: D3700V2 - SN1006

Communication System: CW; Frequency: 3700.000 MHz
Medium: HSL_3700_241027 Medium parameters used: f= 3700.000 MHz; σ= 3.11 S/m; ε_r = 37.5
Ambient Temperature: 23.7°C; Liquid Temperature: 22.7°C

DASY8 Configuration:
- Probe: EX3DV4 - SN7785; ConvF(6.28, 5.97, 5.91); Calibrated: 2023-11-23
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1399; Calibrated: 2024-03-13
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2204; 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) = 3.01 W/kg; SAR (10g) = 1.20 W/kg;

Pin=17.0dBm/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 = -0.00 dB
SAR (1g) = 3.19 W/kg; SAR (8g) = 1.36 W/kg; SAR (10g) = 1.20 W/kg
Smallest distance from peaks to all points 3 dB below = 8.3 mm
Ratio of SAR at M2 to SAR at M1 = 75.9 %



Date: 2024-10-28

System Check_Head_3700MHz

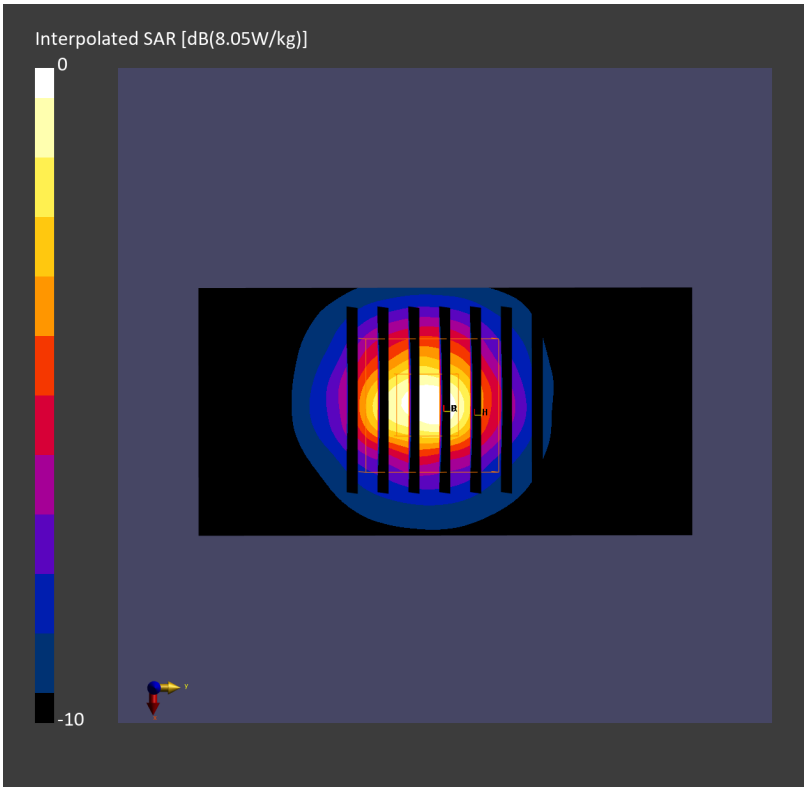
DUT: D3700V2 - SN1022

Communication System: CW; Frequency: 3700.000 MHz
Medium: HSL_3700_241028 Medium parameters used: f= 3700.000 MHz; σ= 3.10 S/m; ε_r = 37.4
Ambient Temperature: 23.8°C; Liquid Temperature: 22.8°C

DASY8 Configuration:
- Probe: EX3DV4 - SN7785; ConvF(6.28, 5.97, 5.91); Calibrated: 2023-11-23
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1399; Calibrated: 2024-03-13
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2204; 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) = 3.04 W/kg; SAR (10g) = 1.16 W/kg;

Pin=17.0dBm/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) = 3.08 W/kg; SAR (8g) = 1.32 W/kg; SAR (10g) = 1.17 W/kg
Smallest distance from peaks to all points 3 dB below = 9.0 mm
Ratio of SAR at M2 to SAR at M1 = 75.7 %



Date: 2024-09-30

System Check_Head_3900MHz

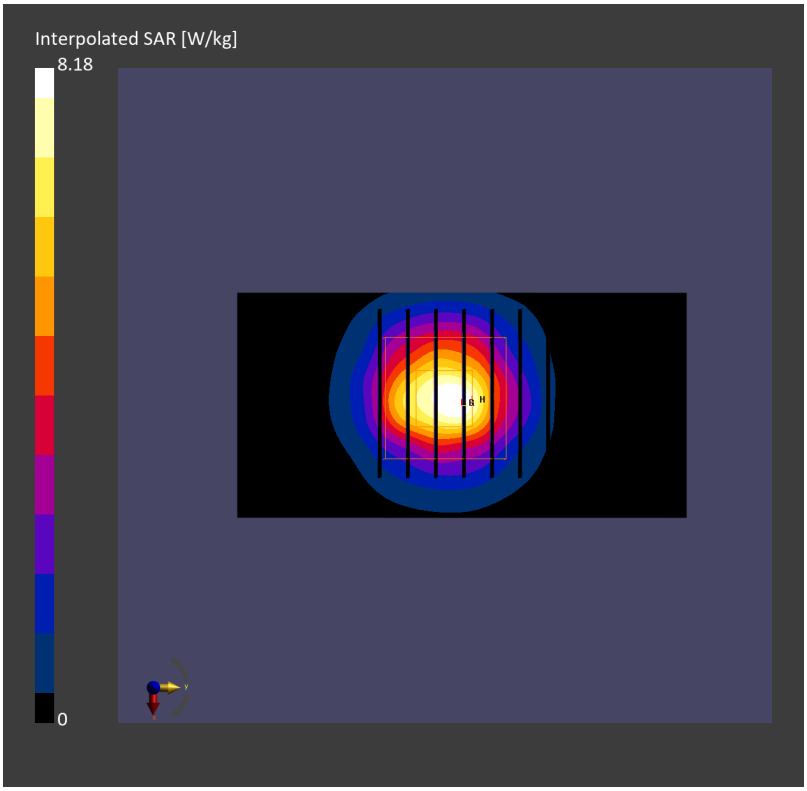
DUT: D3900V2 - SN1092

Communication System: CW; Frequency: 3900.000 MHz
Medium: HSL_3900_240930 Medium parameters used: f= 3900.000 MHz; σ= 3.27 S/m; ε_r = 36.7
Ambient Temperature: 23.5°C; Liquid Temperature: 22.5°C

DASY8 Configuration:
- Probe: EX3DV4 - SN7785; ConvF(5.94, 5.68, 5.59); Calibrated: 2023-11-23
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1399; Calibrated: 2024-03-13
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2204; 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) = 2.85 W/kg; SAR (10g) = 1.04 W/kg;

Pin=17.0dBm/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 = -0.00 dB
SAR (1g) = 3.09 W/kg; SAR (8g) = 1.20 W/kg; SAR (10g) = 1.05 W/kg
Smallest distance from peaks to all points 3 dB below = 8.3 mm
Ratio of SAR at M2 to SAR at M1 = 74.0 %



Date: 2024-10-03

System Check_Head_3900MHz

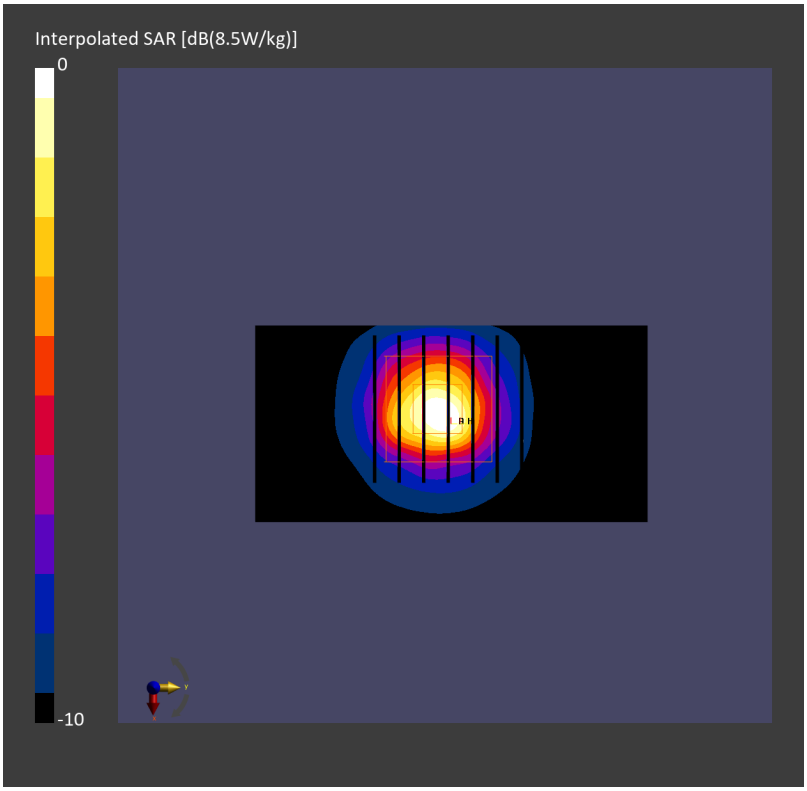
DUT: D3900V2 - SN1092

Communication System: CW; Frequency: 3900.000 MHz
Medium: HSL_3900_241003 Medium parameters used: f= 3900.000 MHz; σ= 3.30 S/m; ε_r = 37.6
Ambient Temperature: 23.3°C; Liquid Temperature: 22.3°C

DASY8 Configuration:
- Probe: EX3DV4 - SN7785; ConvF(5.94, 5.68, 5.59); Calibrated: 2023-11-23
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1399; Calibrated: 2024-03-13
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2204; 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) = 2.90 W/kg; SAR (10g) = 1.08 W/kg;

Pin=17.0dBm/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 = 0.00 dB
SAR (1g) = 3.08 W/kg; SAR (8g) = 1.25 W/kg; SAR (10g) = 1.10 W/kg
Smallest distance from peaks to all points 3 dB below = 8.3 mm
Ratio of SAR at M2 to SAR at M1 = 74.1 %



Date: 2024-10-09

System Check_Head_3900MHz

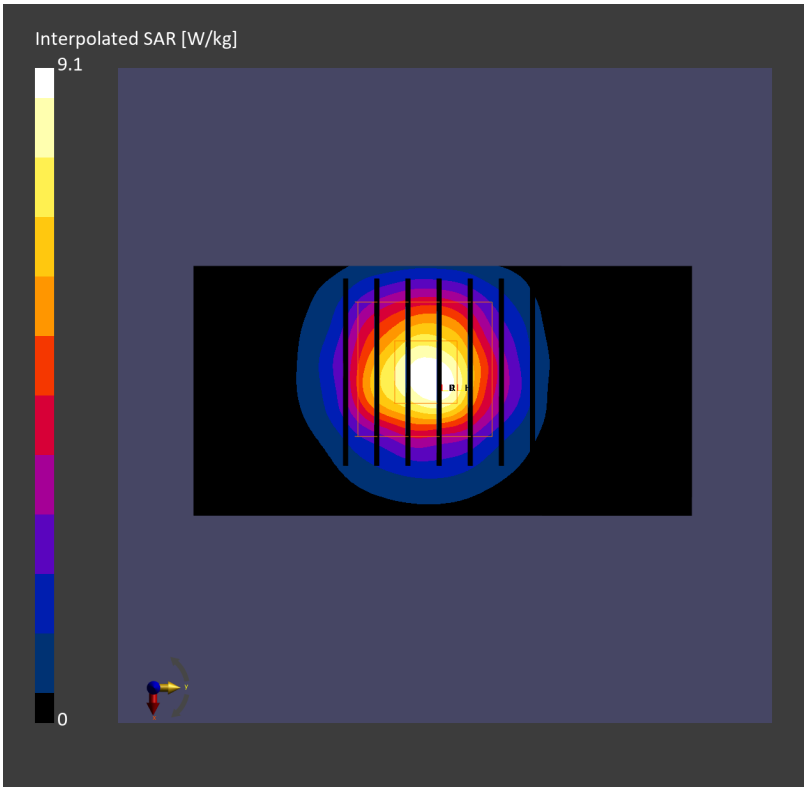
DUT: D3900V2 - SN1092

Communication System: CW; Frequency: 3900.000 MHz
Medium: HSL_3900_241009 Medium parameters used: f= 3900.000 MHz; σ= 3.39 S/m; ε_r = 37.2
Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C

DASY8 Configuration:
- Probe: EX3DV4 - SN7814; ConvF(6.48, 6.2, 6.35); Calibrated: 2024-06-20
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1800; Calibrated: 2024-06-18
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2204; 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) = 3.05 W/kg; SAR (10g) = 1.15 W/kg;

Pin=17.0dBm/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 = -0.02 dB
SAR (1g) = 3.25 W/kg; SAR (8g) = 1.33 W/kg; SAR (10g) = 1.17 W/kg
Smallest distance from peaks to all points 3 dB below = 8.3 mm
Ratio of SAR at M2 to SAR at M1 = 72.9 %



Date: 2024-10-18

System Check_Head_3900MHz

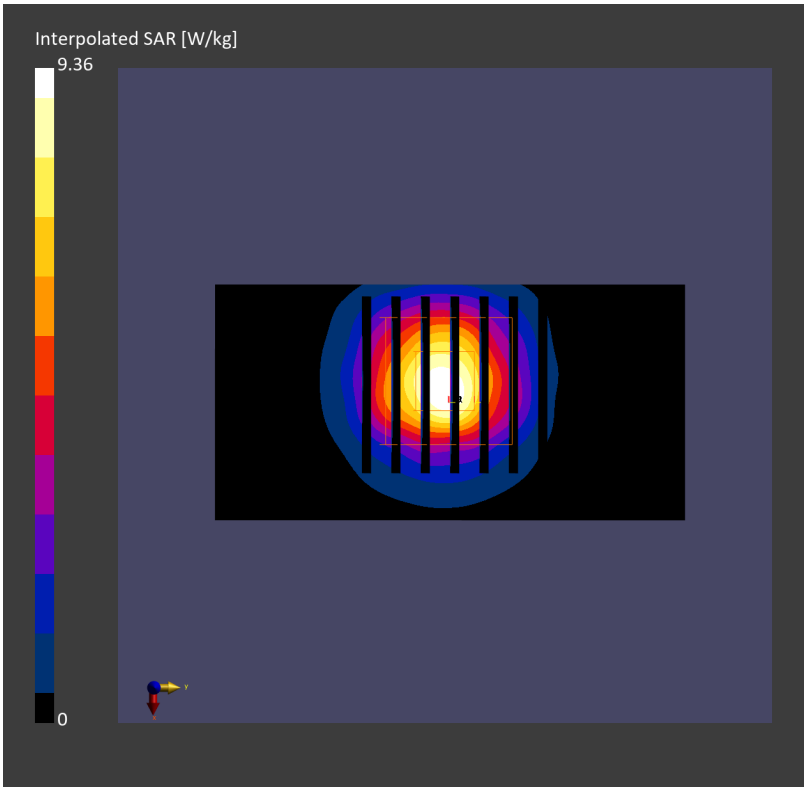
DUT: D3900V2 - SN1017

Communication System: CW; Frequency: 3900.000 MHz
Medium: HSL_3900_241018 Medium parameters used: f= 3900.000 MHz; σ= 3.41 S/m; ε_r = 37.4
Ambient Temperature: 23.8°C; Liquid Temperature: 22.8°C

DASY8 Configuration:
- Probe: EX3DV4 - SN7814; ConvF(6.48, 6.2, 6.35); Calibrated: 2024-06-20
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1800; Calibrated: 2024-06-18
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2204; 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) = 2.94 W/kg; SAR (10g) = 1.11 W/kg;

Pin=17.0dBm/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 = -0.02 dB
SAR (1g) = 3.21 W/kg; SAR (8g) = 1.31 W/kg; SAR (10g) = 1.15 W/kg
Smallest distance from peaks to all points 3 dB below = 8.0 mm
Ratio of SAR at M2 to SAR at M1 = 71.4 %



Date: 2024-10-19

System Check_Head_3900MHz

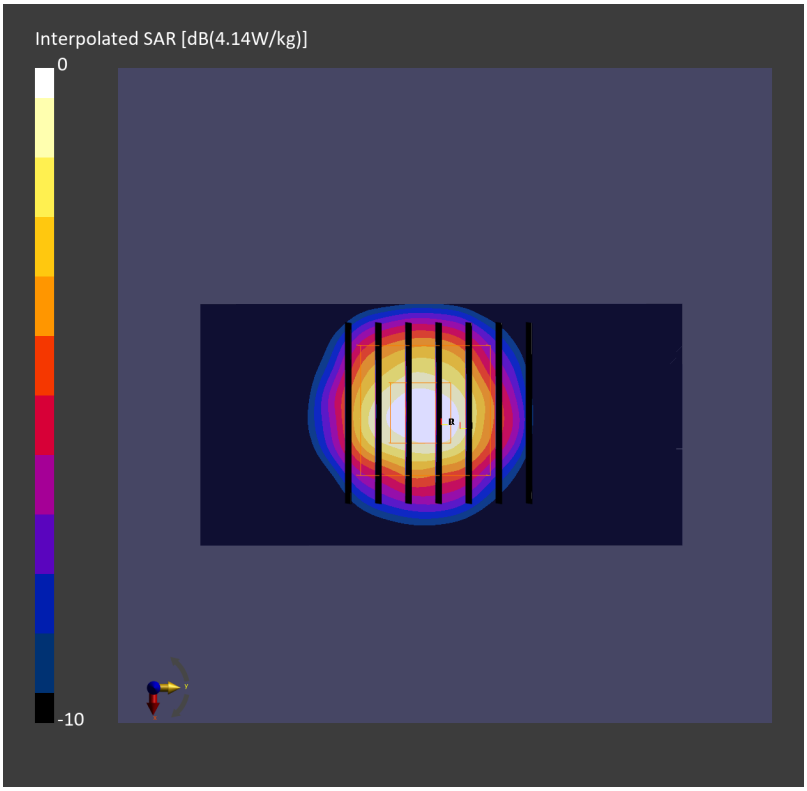
DUT: D3900V2 - SN1092

Communication System: CW; Frequency: 3900.000 MHz
Medium: HSL_3900_241019 Medium parameters used: f= 3900.000 MHz; σ= 3.42 S/m; ε_r = 37.5
Ambient Temperature: 23.9°C; Liquid Temperature: 22.9°C

DASY8 Configuration:
- Probe: EX3DV4 - SN7785; ConvF(5.94, 5.68, 5.59); Calibrated: 2023-11-23
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1399; Calibrated: 2024-03-13
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2204_0mm; 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) = 2.95 W/kg; SAR (10g) = 1.09 W/kg;

Pin=17.0dBm/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 = 0.06 dB
SAR (1g) = 3.12 W/kg; SAR (8g) = 1.27 W/kg; SAR (10g) = 1.12 W/kg
Smallest distance from peaks to all points 3 dB below = 8.1 mm
Ratio of SAR at M2 to SAR at M1 = 74.5 %



Date: 2024-10-20

System Check_Head_3900MHz

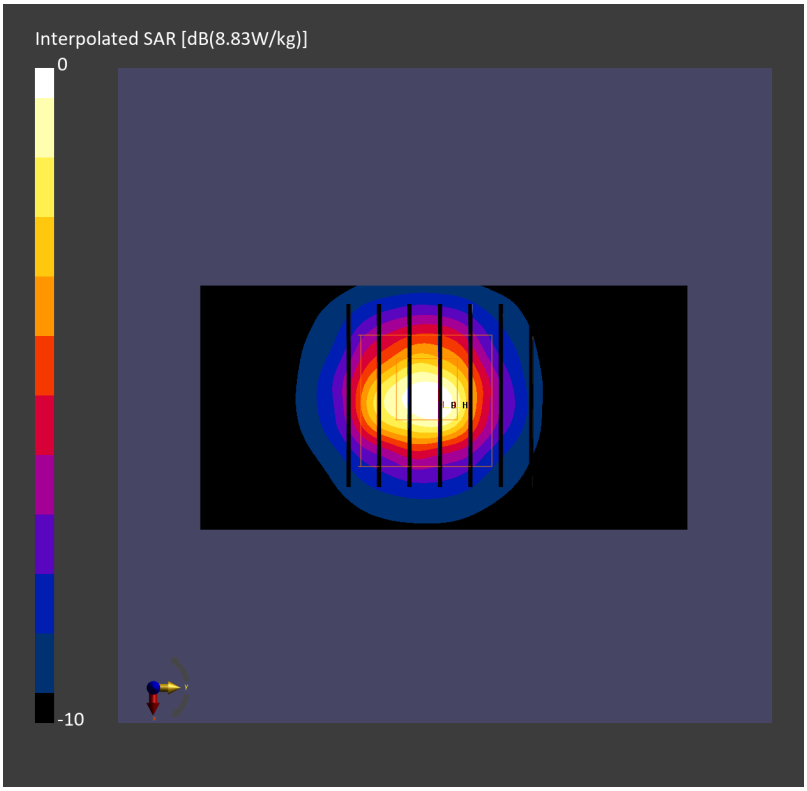
DUT: D3900V2 - SN1017

Communication System: CW; Frequency: 3900.000 MHz
Medium: HSL_3900_241020 Medium parameters used: f= 3900.000 MHz; σ= 3.42 S/m; ε_r = 37.4
Ambient Temperature: 23.3°C; Liquid Temperature: 22.3°C

DASY8 Configuration:
- Probe: EX3DV4 - SN7785; ConvF(5.94, 5.68, 5.59); Calibrated: 2023-11-23
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1399; Calibrated: 2024-03-13
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2204; 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) = 3.06 W/kg; SAR (10g) = 1.12 W/kg;

Pin=17.0dBm/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) = 3.18 W/kg; SAR (8g) = 1.30 W/kg; SAR (10g) = 1.14 W/kg
Smallest distance from peaks to all points 3 dB below = 8.3 mm
Ratio of SAR at M2 to SAR at M1 = 74.2 %



Date: 2024-10-21

System Check_Head_3900MHz

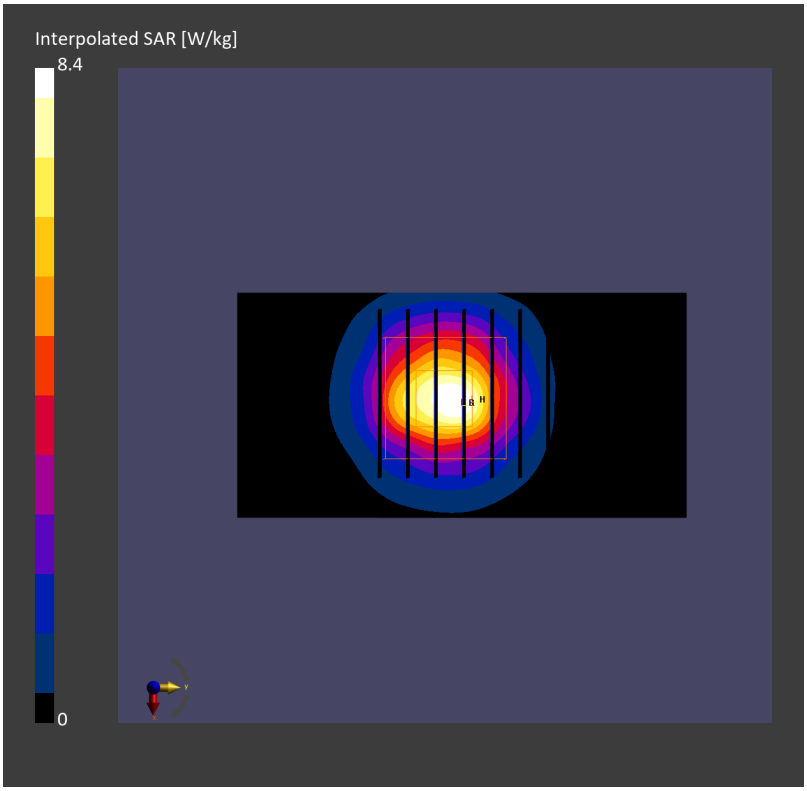
DUT: D3900V2 - SN1017

Communication System: CW; Frequency: 3900.000 MHz
Medium: HSL_3900_241021 Medium parameters used: f= 3900.000 MHz; σ= 3.36 S/m; ε_r = 37.1
Ambient Temperature: 23.1°C; Liquid Temperature: 22.1°C

DASY8 Configuration:
- Probe: EX3DV4 - SN7785; ConvF(5.94, 5.68, 5.59); Calibrated: 2023-11-23
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1399; Calibrated: 2024-03-13
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2204; 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) = 2.91 W/kg; SAR (10g) = 1.06 W/kg;

Pin=17.0dBm/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 = 0.02 dB
SAR (1g) = 3.21 W/kg; SAR (8g) = 1.23 W/kg; SAR (10g) = 1.08 W/kg
Smallest distance from peaks to all points 3 dB below = 8.3 mm
Ratio of SAR at M2 to SAR at M1 = 74.1 %



Date: 2024-10-26

System Check_Head_3900MHz

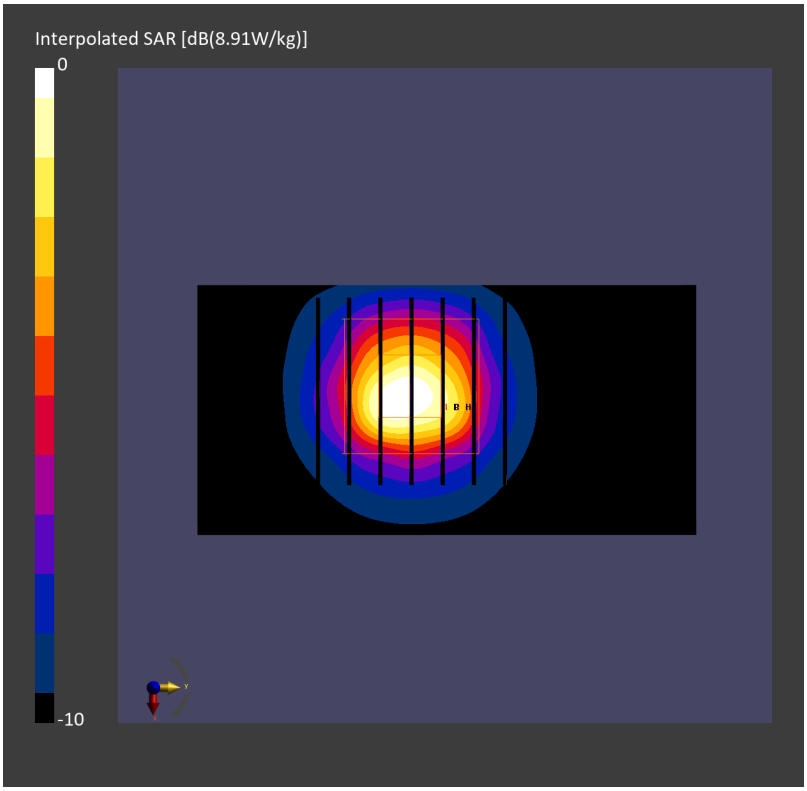
DUT: D3900V2 - SN1092

Communication System: CW; Frequency: 3900 MHz
Medium: HSL_3900_241026 Medium parameters used: f= 3900.000 MHz; σ= 3.32 S/m; ε_r = 37.5
Ambient Temperature: 23.6°C; Liquid Temperature: 22.6°C

DASY8 Configuration:
- Probe: EX3DV4 - SN7785; ConvF(5.94, 5.68, 5.59); Calibrated: 2023-11-23
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1399; Calibrated: 2024-03-13
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2204; 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) = 3.01 W/kg; SAR (10g) = 1.13 W/kg;

Pin=17.0dBm/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) = 3.18 W/kg; SAR (8g) = 1.30 W/kg; SAR (10g) = 1.14 W/kg
Smallest distance from peaks to all points 3 dB below = 8.1 mm
Ratio of SAR at M2 to SAR at M1 = 74.0 %



Date: 2024-10-27

System Check_Head_3900MHz

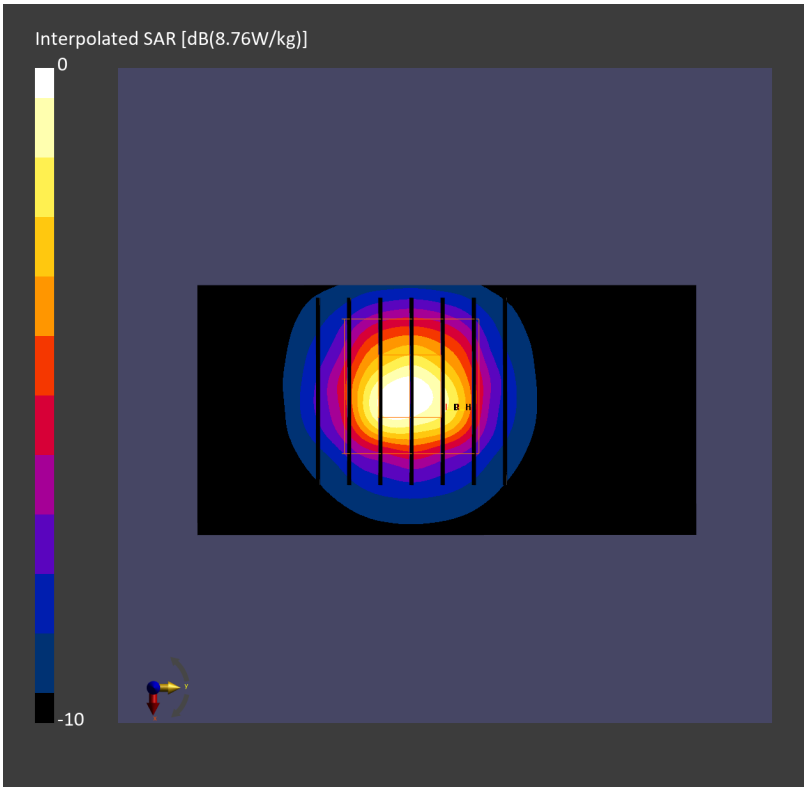
DUT: D3900V2 - SN1092

Communication System: CW; Frequency: 3900.000 MHz
Medium: HSL_3900_241027 Medium parameters used: f= 3900.000 MHz; σ= 3.29 S/m; ε_r = 37.3
Ambient Temperature: 23.7°C; Liquid Temperature: 22.7°C

DASY8 Configuration:
- Probe: EX3DV4 - SN7785; ConvF(5.94, 5.68, 5.59); Calibrated: 2023-11-23
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1399; Calibrated: 2024-03-13
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2204; 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) = 2.98 W/kg; SAR (10g) = 1.12 W/kg;

Pin=17.0dBm/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 = 0.00 dB
SAR (1g) = 3.15 W/kg; SAR (8g) = 1.28 W/kg; SAR (10g) = 1.13 W/kg
Smallest distance from peaks to all points 3 dB below = 8.1 mm
Ratio of SAR at M2 to SAR at M1 = 74.4 %



Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2024/11/14

System Check_Head_13MHz

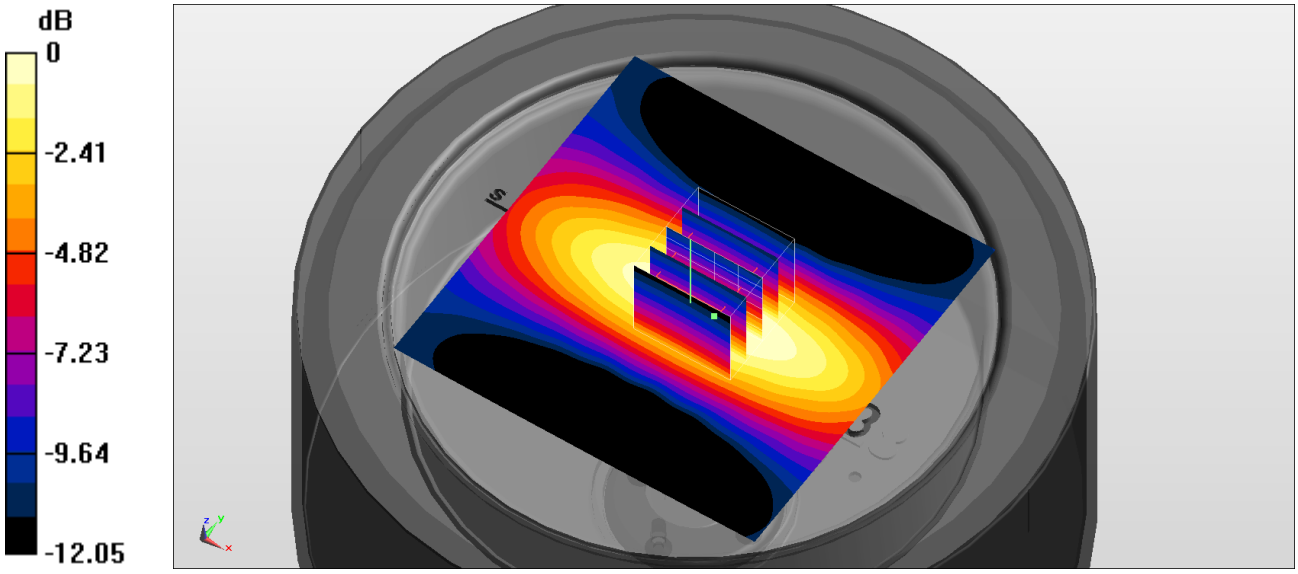
DUT: CLA13-1022

Communication System: UID 0, CW; Frequency: 13 MHz
Medium: HSL_13_241114 Medium parameters used: f = 13 MHz; σ = 0.728 S/m; ε_r = 54.683; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3925; ConvF(18.14, 18.14, 18.14) @ 13 MHz; Calibrated: 2024/4/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn656; Calibrated: 2024/1/18
- Phantom: ELI V4.0; Type: QD OVA 001 Bx; Serial: 1164
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

Pin=1000mW/Area Scan (81x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.855 W/kg

Pin=1000mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 33.81 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 1.06 W/kg
SAR(1 g) = 0.570 W/kg; SAR(10 g) = 0.355 W/kg
Smallest distance from peaks to all points 3 dB below = 16 mm
Ratio of SAR at M2 to SAR at M1 = 54.2%
Maximum value of SAR (measured) = 0.843 W/kg



0 dB = 0.843 W/kg = -0.74 dBW/kg

Date: 2024-10-26

System Check_Head_2450MHz

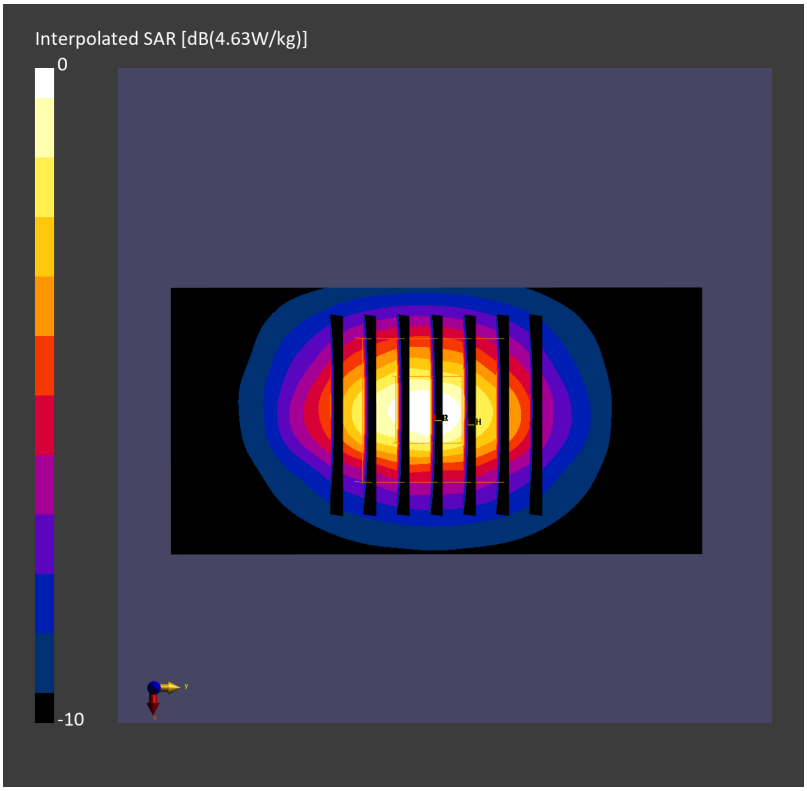
DUT: D2450V2 - SN806

Communication System: CW; Frequency: 2450.000 MHz
Medium: HSL_2450_241026 Medium parameters used: f= 2450.000 MHz; σ= 1.83 S/m; ε_r = 40.3
Ambient Temperature: 23.6°C; Liquid Temperature: 22.6°C

DASY8 Configuration:
- Probe: EX3DV4 - SN7785; ConvF(6.88, 6.53, 6.42); Calibrated: 2023-11-23
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1399; Calibrated: 2024-03-13
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2204; 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) = 2.27 W/kg; SAR (10g) = 1.07 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 = -0.06 dB
SAR (1g) = 2.40 W/kg; SAR (8g) = 1.19 W/kg; SAR (10g) = 1.18 W/kg
Smallest distance from peaks to all points 3 dB below = 9.1 mm
Ratio of SAR at M2 to SAR at M1 = 81.6 %



Date: 2024-11-07

System Check_Head_2450MHz

DUT: D2450V2 - SN929

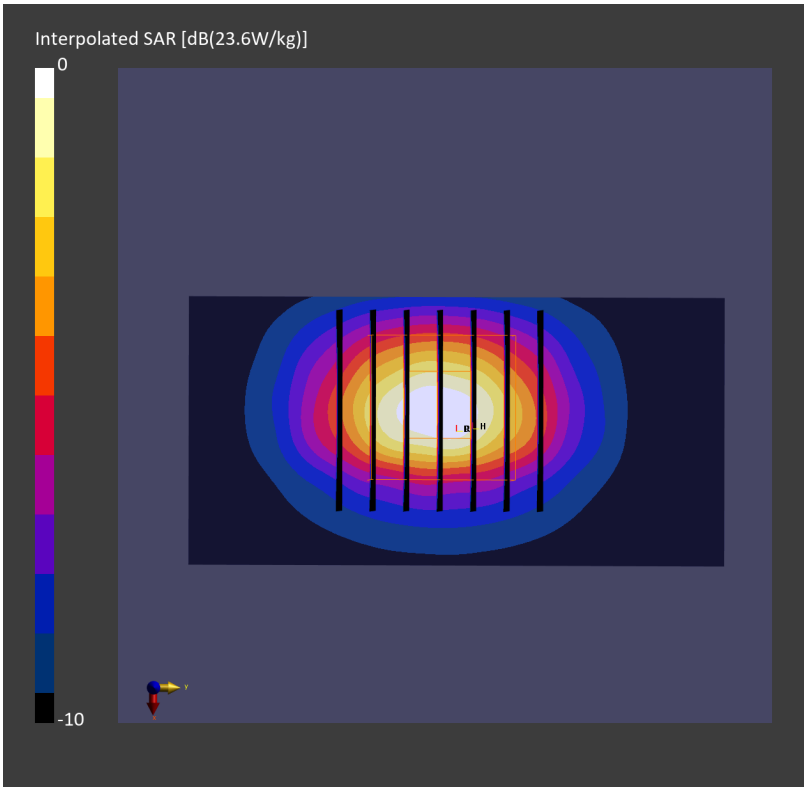
Communication System: CW; Frequency: 2450.000 MHz
Medium: HSL_2450_241107 Medium parameters used: f= 2450.000 MHz; σ= 1.81 S/m; ε_r = 38.9
Ambient Temperature: 23.7°C; Liquid Temperature: 22.7°C

DASY8 Configuration:
- Probe: EX3DV4 - SN7785; ConvF(6.88, 6.53, 6.42); Calibrated: 2023-11-23
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1399; Calibrated: 2024-03-13
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2204; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: CW

Pin=23.8dBm/Area Scan (40.0 mm x 80.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 11.7 W/kg; SAR (10g) = 5.65 W/kg;

Pin=23.8dBm/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) = 12.0 W/kg; SAR (8g) = 6.29 W/kg; SAR (10g) = 5.71 W/kg
Smallest distance from peaks to all points 3 dB below = 9.0 mm
Ratio of SAR at M2 to SAR at M1 = 81.8 %



Date: 2024-11-08

System Check_Head_2450MHz

DUT: D2450V2 - SN929

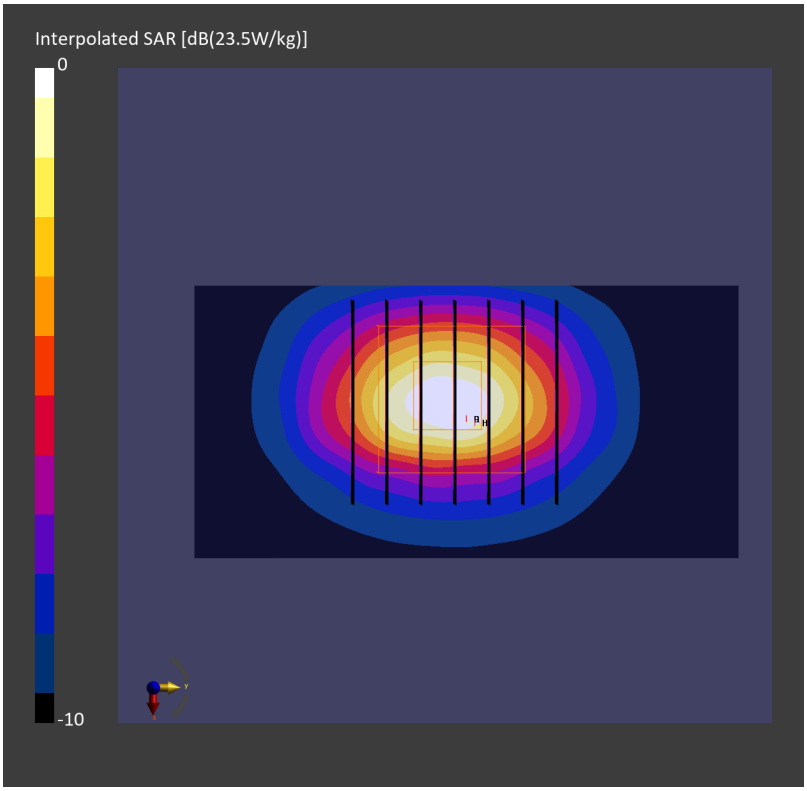
Communication System: CW; Frequency: 2450.000 MHz
Medium: HSL_2450_241108 Medium parameters used: f= 2450.000 MHz; σ= 1.81 S/m; ε_r = 39.3
Ambient Temperature: 23.8°C; Liquid Temperature: 22.8°C

DASY8 Configuration:
- Probe: EX3DV4 - SN7785; ConvF(6.88, 6.53, 6.42); Calibrated: 2023-11-23
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1399; Calibrated: 2024-03-13
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2204; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: CW

Pin=23.8dBm/Area Scan (40.0 mm x 80.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 11.7 W/kg; SAR (10g) = 5.66 W/kg;

Pin=23.8dBm/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) = 12.0 W/kg; SAR (8g) = 6.29 W/kg; SAR (10g) = 5.70 W/kg
Smallest distance from peaks to all points 3 dB below = 9.0 mm
Ratio of SAR at M2 to SAR at M1 = 81.9 %



Date: 2024-10-27

System Check_Head_5250MHz

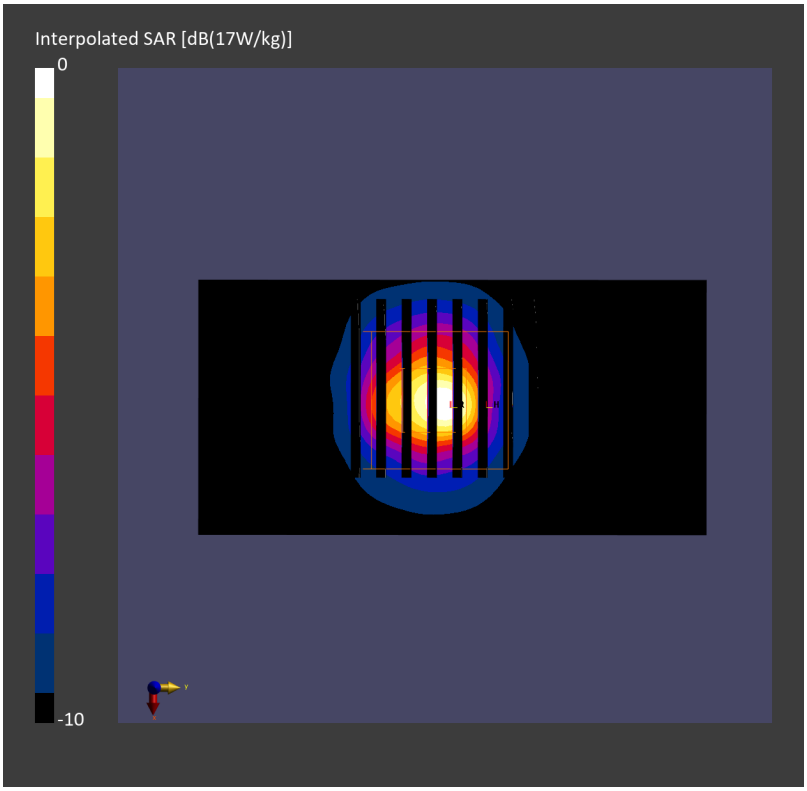
DUT: D5GHzV2 - SN1128

Communication System: CW; Frequency: 5250.000 MHz
Medium: HSL_5G_241027 Medium parameters used: f= 5250.000 MHz; σ= 4.69 S/m; ε_r = 35.7
Ambient Temperature: 23.7°C; Liquid Temperature: 22.7°C

DASY8 Configuration:
- Probe: EX3DV4 - SN7785; ConvF(5.14, 4.96, 4.9); Calibrated: 2023-11-23
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1399; Calibrated: 2024-03-13
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2204; 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) = 3.87 W/kg; SAR (10g) = 1.15 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) = 4.23 W/kg; SAR (8g) = 1.43 W/kg; SAR (10g) = 1.22 W/kg
Smallest distance from peaks to all points 3 dB below = 7.2 mm
Ratio of SAR at M2 to SAR at M1 = 64.9 %



Date: 2024-10-28

System Check_Head_5250MHz

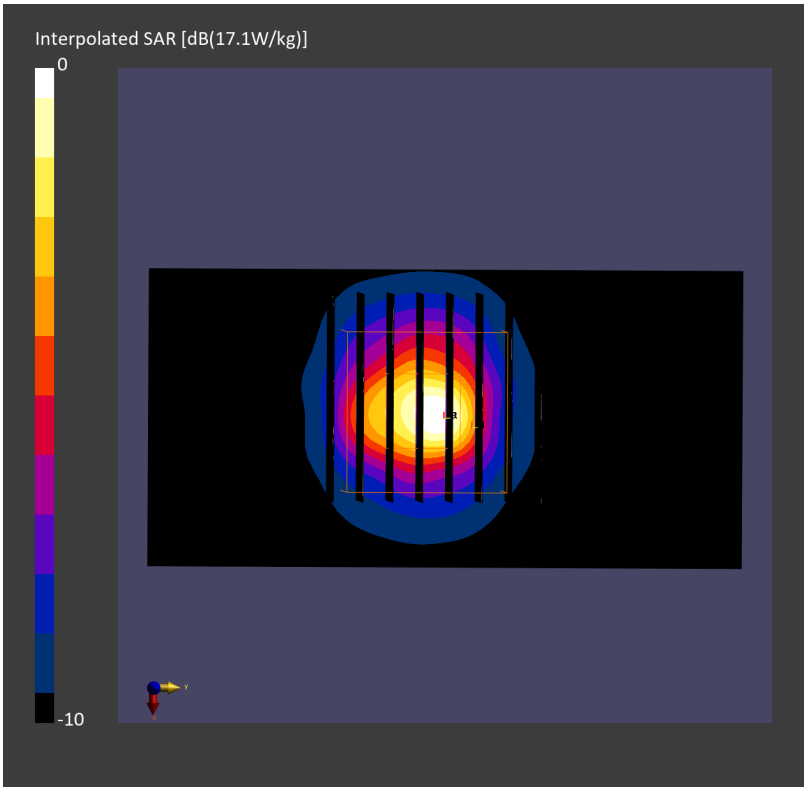
DUT: D5GHzV2 - SN1128

Communication System: CW; Frequency: 5250.000 MHz
Medium: HSL_5G_241028 Medium parameters used: f= 5250.000 MHz; σ= 4.64 S/m; ε_r = 35.7
Ambient Temperature: 23.8°C; Liquid Temperature: 22.8°C

DASY8 Configuration:
- Probe: EX3DV4 - SN7785; ConvF(5.14, 4.96, 4.9); Calibrated: 2023-11-23
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1399; Calibrated: 2024-03-13
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2204; 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) = 3.92 W/kg; SAR (10g) = 1.17 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) = 4.17 W/kg; SAR (8g) = 1.44 W/kg; SAR (10g) = 1.14 W/kg
Smallest distance from peaks to all points 3 dB below = 7.2 mm
Ratio of SAR at M2 to SAR at M1 = 65.2 %



Date: 2024-10-29

System Check_Head_5250MHz

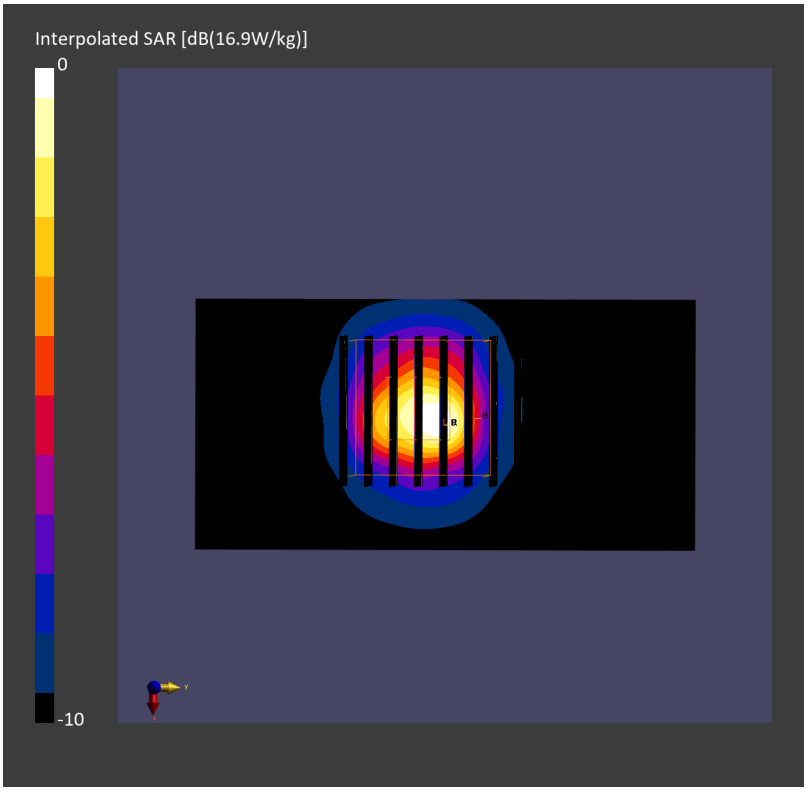
DUT: D5GHzV2 - SN1128

Communication System: CW; Frequency: 5250.000 MHz
Medium: HSL_5G_241029 Medium parameters used: f= 5250.000 MHz; σ= 4.73 S/m; ε_r = 36.6
Ambient Temperature: 23.4°C; Liquid Temperature: 22.4°C

DASY8 Configuration:
- Probe: EX3DV4 - SN7785; ConvF(5.14, 4.96, 4.9); Calibrated: 2023-11-23
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1399; Calibrated: 2024-03-13
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2204; 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) = 3.80 W/kg; SAR (10g) = 1.16 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) = 4.20 W/kg; SAR (8g) = 1.43 W/kg; SAR (10g) = 1.21 W/kg
Smallest distance from peaks to all points 3 dB below = 7.2 mm
Ratio of SAR at M2 to SAR at M1 = 64.8 %



Date: 2024-10-30

System Check_Head_5250MHz

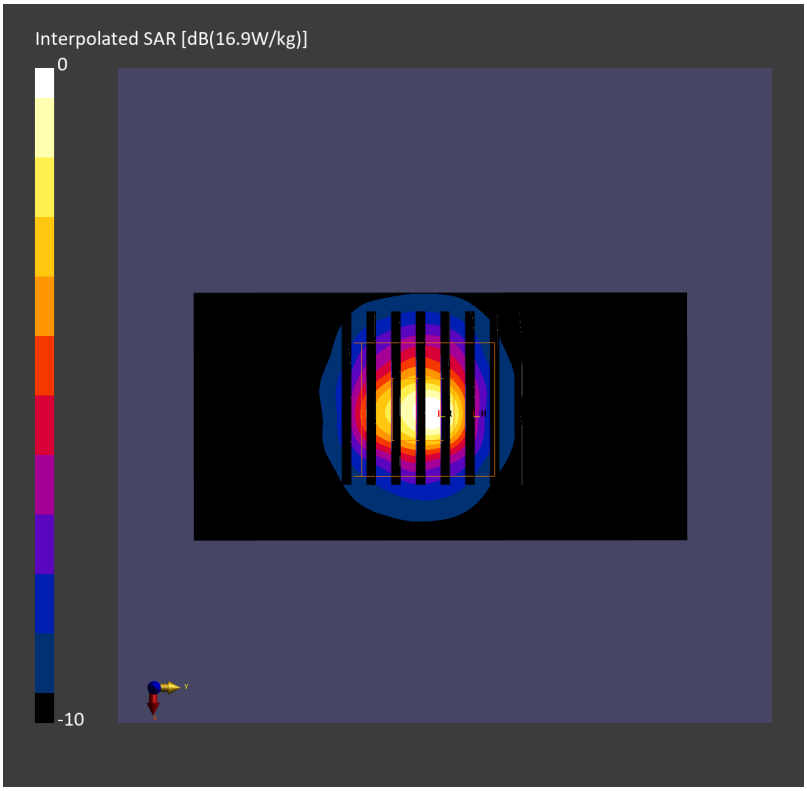
DUT: D5GHzV2 - SN1128

Communication System: CW; Frequency: 5250.000 MHz
Medium: HSL_5G_241030 Medium parameters used: f= 5250.000 MHz; σ= 4.68 S/m; ε_r = 35.8
Ambient Temperature: 23.5°C; Liquid Temperature: 22.5°C

DASY8 Configuration:
- Probe: EX3DV4 - SN7785; ConvF(5.14, 4.96, 4.9); Calibrated: 2023-11-23
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1399; Calibrated: 2024-03-13
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2204; 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) = 3.80 W/kg; SAR (10g) = 1.14 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) = 4.26 W/kg; SAR (8g) = 1.41 W/kg; SAR (10g) = 1.21 W/kg
Smallest distance from peaks to all points 3 dB below = 7.2 mm
Ratio of SAR at M2 to SAR at M1 = 64.4 %



Date: 2024-10-31

System Check_Head_5250MHz

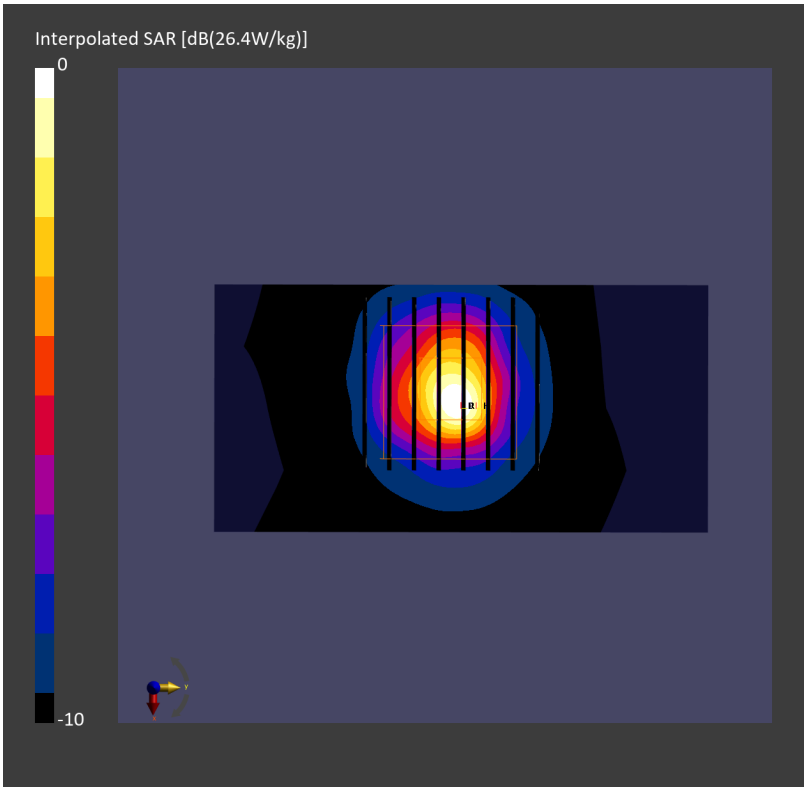
DUT: D5GHzV2 - SN1128

Communication System: CW; Frequency: 5250.000 MHz
Medium: HSL_5G_241031 Medium parameters used: f= 5250.000 MHz; σ= 4.63 S/m; ε_r = 37.0
Ambient Temperature: 23.1°C; Liquid Temperature: 22.1°C

DASY8 Configuration:
- Probe: EX3DV4 - SN7785; ConvF(5.14, 4.96, 4.9); Calibrated: 2023-11-23
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1399; Calibrated: 2024-03-13
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2204; 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) = 6.26 W/kg; SAR (10g) = 1.94 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) = 7.07 W/kg; SAR (8g) = 2.39 W/kg; SAR (10g) = 2.05 W/kg
Smallest distance from peaks to all points 3 dB below = 7.4 mm
Ratio of SAR at M2 to SAR at M1 = 65.5 %



Date: 2024-11-01

System Check_Head_5250MHz

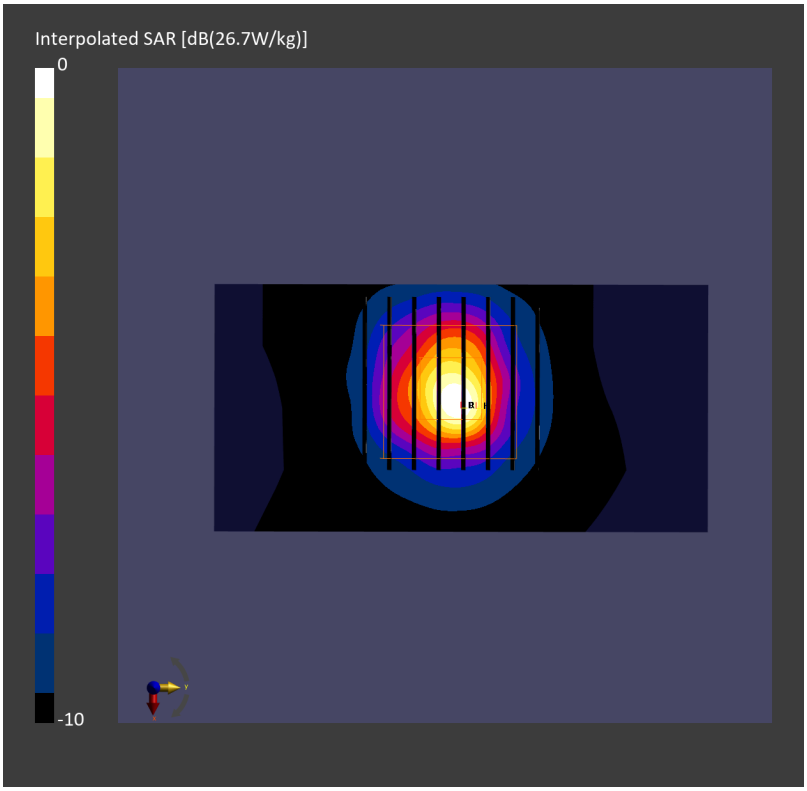
DUT: D5GHzV2 - SN1128

Communication System: CW; Frequency: 5250.000 MHz
Medium: HSL_5G_241101 Medium parameters used: f= 5250.000 MHz; σ= 4.67 S/m; ε_r = 35.6
Ambient Temperature: 23.1°C; Liquid Temperature: 22.1°C

DASY8 Configuration:
- Probe: EX3DV4 - SN7785; ConvF(5.14, 4.96, 4.9); Calibrated: 2023-11-23
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1399; Calibrated: 2024-03-13
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2204; 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) = 6.30 W/kg; SAR (10g) = 1.95 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 = 0.04 dB
SAR (1g) = 7.13 W/kg; SAR (8g) = 2.41 W/kg; SAR (10g) = 2.07 W/kg
Smallest distance from peaks to all points 3 dB below = 7.4 mm
Ratio of SAR at M2 to SAR at M1 = 65.5 %



Date: 2024-11-05

System Check_Head_5250MHz

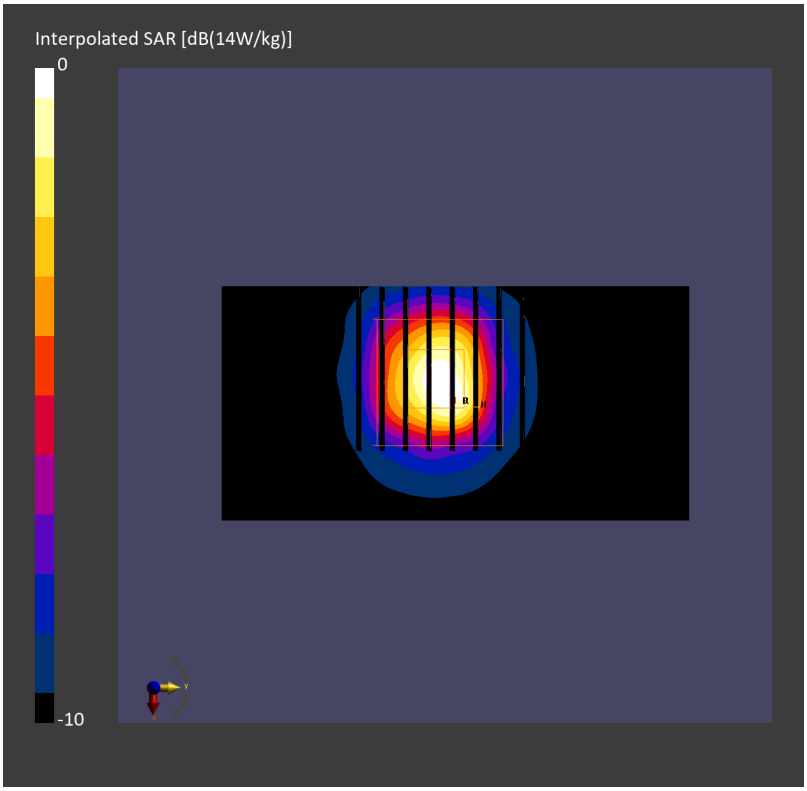
DUT: D5GHzV2 - SN1128

Communication System: CW; Frequency: 5250.000 MHz
Medium: HSL_5G_241105 Medium parameters used: f= 5250.000 MHz; σ= 4.67 S/m; ε_r = 35.8
Ambient Temperature: 23.5°C; Liquid Temperature: 22.5°C

DASY8 Configuration:
- Probe: EX3DV4 - SN7793; ConvF(4.89, 5.03, 5.05); Calibrated: 2024-03-01
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1707; Calibrated: 2023-12-06
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2204; 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) = 3.11 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 = -0.05 dB
SAR (1g) = 3.66 W/kg; SAR (8g) = 1.24 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 = 64.5 %



Date: 2024-11-06

System Check_Head_5250MHz

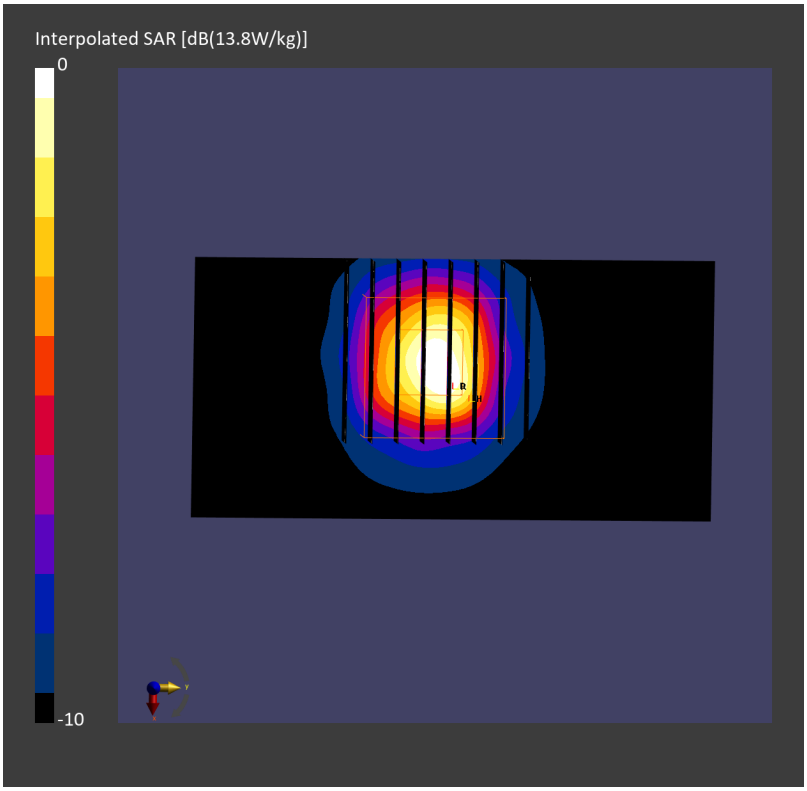
DUT: D5GHzV2 - SN1128

Communication System: CW; Frequency: 5250.000 MHz
Medium: HSL_5G_241106 Medium parameters used: f= 5250.000 MHz; σ= 4.70 S/m; ε_r = 36.6
Ambient Temperature: 23.6°C; Liquid Temperature: 22.6°C

DASY8 Configuration:
- Probe: EX3DV4 - SN7793; ConvF(4.89, 5.03, 5.05); Calibrated: 2024-03-01
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1707; Calibrated: 2023-12-06
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2204; 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) = 3.02 W/kg; SAR (10g) = 0.993 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) = 3.60 W/kg; SAR (8g) = 1.22 W/kg; SAR (10g) = 1.05 W/kg
Smallest distance from peaks to all points 3 dB below = 7.4 mm
Ratio of SAR at M2 to SAR at M1 = 64.5 %



Date: 2024-10-27

System Check_Head_5600MHz

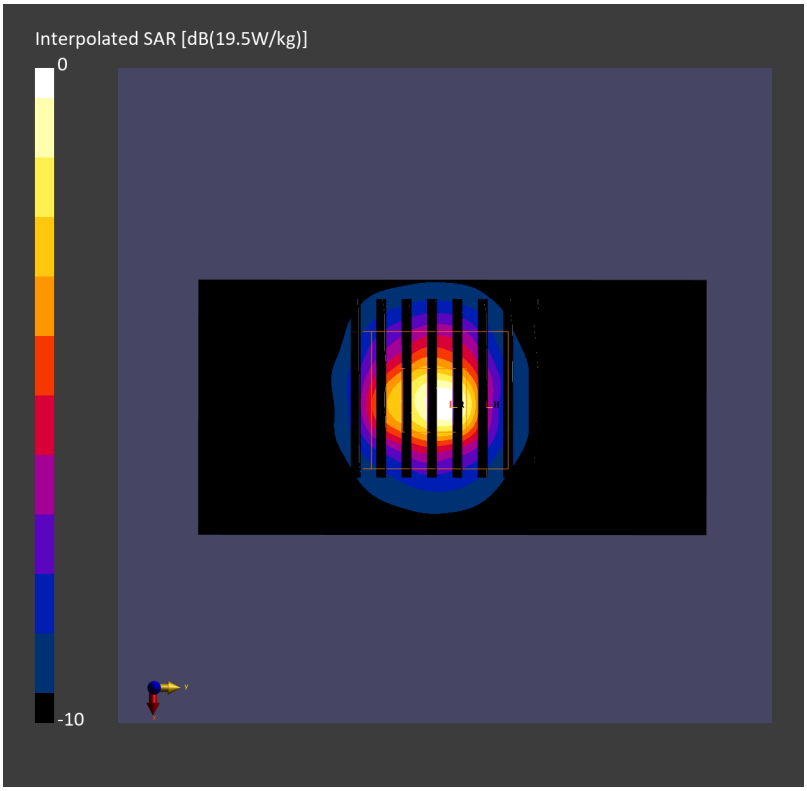
DUT: D5GHzV2 - SN1128

Communication System: CW; Frequency: 5600.000 MHz
Medium: HSL_5G_241027 Medium parameters used: f= 5600.000 MHz; σ= 5.01 S/m; ε_r= 35.2
Ambient Temperature: 23.7°C; Liquid Temperature: 22.7°C

DASY8 Configuration:
- Probe: EX3DV4 - SN7785; ConvF(4.44, 4.3, 4.23); Calibrated: 2023-11-23
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1399; Calibrated: 2024-03-13
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2204; 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) = 4.26 W/kg; SAR (10g) = 1.25 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 = -0.05 dB
SAR (1g) = 4.31 W/kg; SAR (8g) = 1.54 W/kg; SAR (10g) = 1.22 W/kg
Smallest distance from peaks to all points 3 dB below = 7.2 mm
Ratio of SAR at M2 to SAR at M1 = 62.7 %



Date: 2024-10-28

System Check_Head_5600MHz

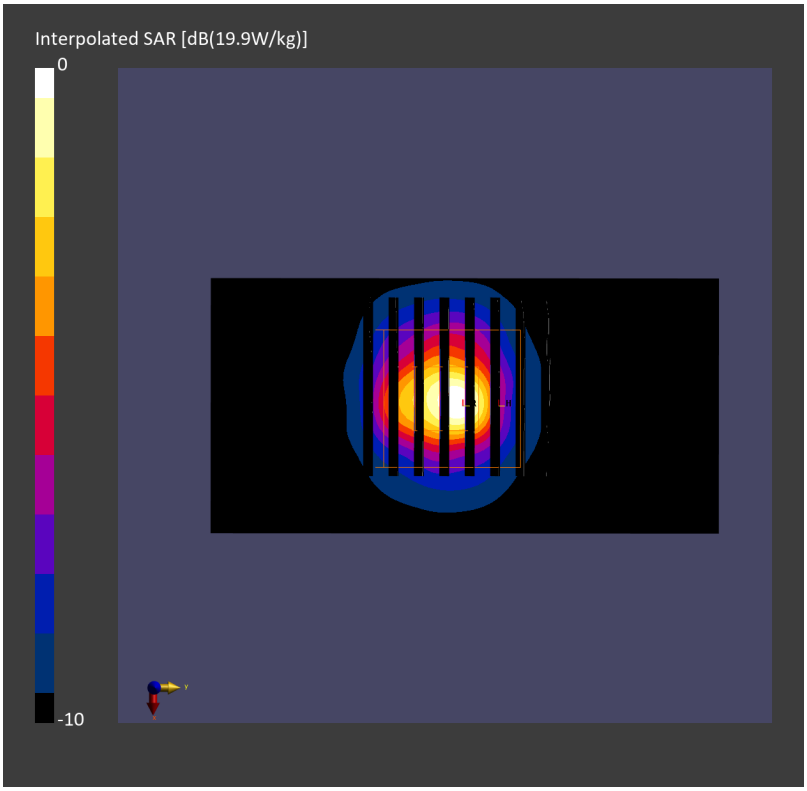
DUT: D5GHzV2 - SN1128

Communication System: CW; Frequency: 5600.000 MHz
Medium: HSL_5G_241028 Medium parameters used: f= 5600.000 MHz; σ= 5.04 S/m; ε_r = 35.1
Ambient Temperature: 23.8°C; Liquid Temperature: 22.8°C

DASY8 Configuration:
- Probe: EX3DV4 - SN7785; ConvF(4.44, 4.3, 4.23); Calibrated: 2023-11-23
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1399; Calibrated: 2024-03-13
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2204; 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) = 4.33 W/kg; SAR (10g) = 1.27 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) = 4.31 W/kg; SAR (8g) = 1.57 W/kg; SAR (10g) = 1.25 W/kg
Smallest distance from peaks to all points 3 dB below = 7.2 mm
Ratio of SAR at M2 to SAR at M1 = 62.8 %



Date: 2024-10-29

System Check_Head_5600MHz

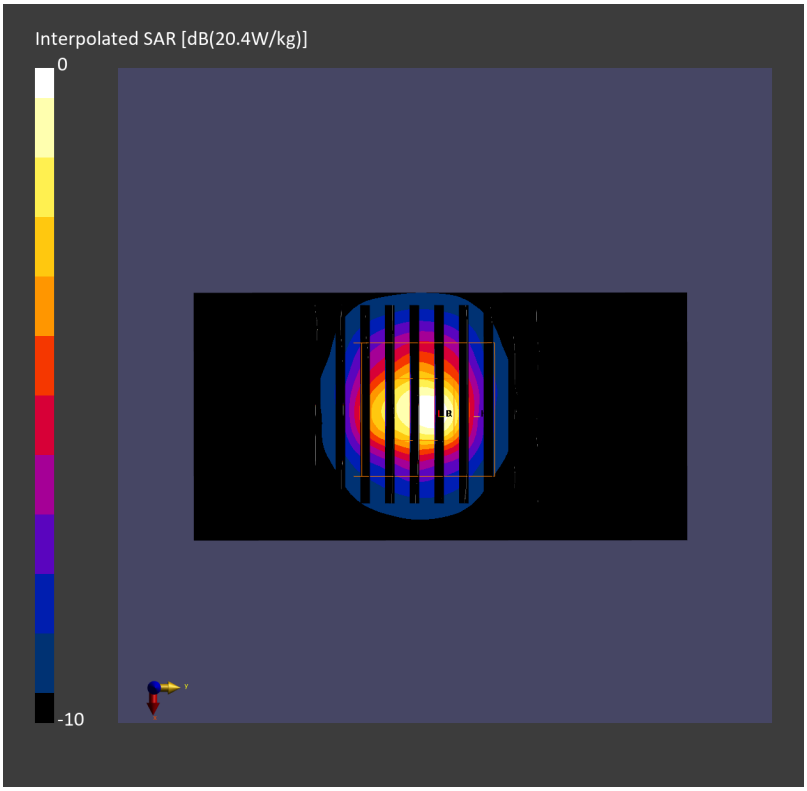
DUT: D5GHzV2 - SN1128

Communication System: CW; Frequency: 5600.000 MHz
Medium: HSL_5G_241029 Medium parameters used: f= 5600.000 MHz; σ= 5.11 S/m; ε_r = 36.0
Ambient Temperature: 23.4°C; Liquid Temperature: 22.4°C

DASY8 Configuration:
- Probe: EX3DV4 - SN7785; ConvF(4.44, 4.3, 4.23); Calibrated: 2023-11-23
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1399; Calibrated: 2024-03-13
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2204; 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) = 4.32 W/kg; SAR (10g) = 1.29 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 = -0.04 dB
SAR (1g) = 4.24 W/kg; SAR (8g) = 1.59 W/kg; SAR (10g) = 1.17 W/kg
Smallest distance from peaks to all points 3 dB below = 7.2 mm
Ratio of SAR at M2 to SAR at M1 = 62.3 %



Date: 2024-10-30

System Check_Head_5600MHz

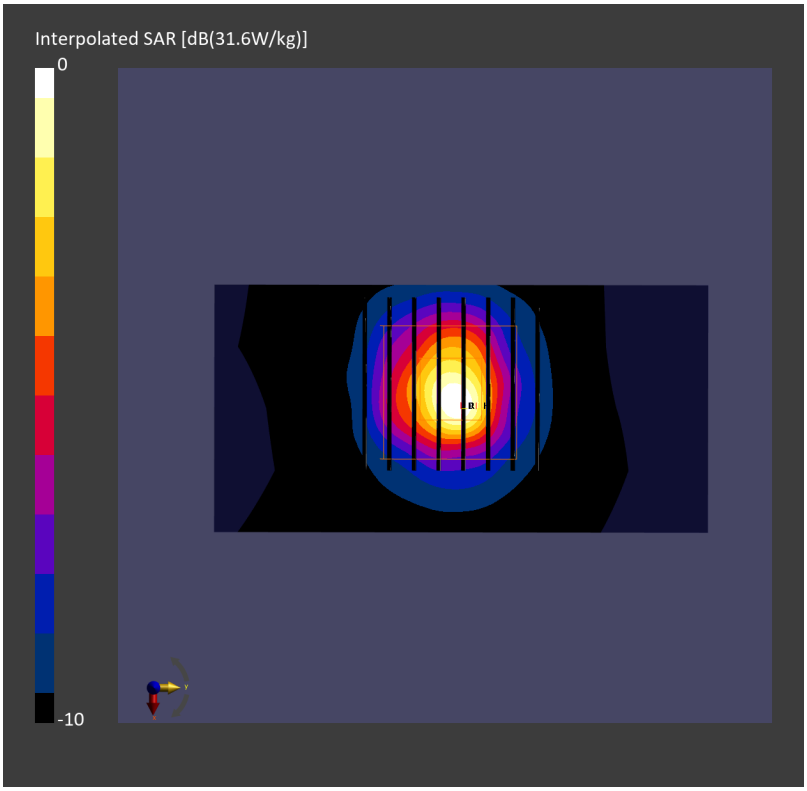
DUT: D5GHzV2 - SN1128

Communication System: CW; Frequency: 5600.000 MHz
Medium: HSL_5G_241030 Medium parameters used: f= 5600.000 MHz; σ= 5.07 S/m; ε_r = 35.2
Ambient Temperature: 23.5°C; Liquid Temperature: 22.5°C

DASY8 Configuration:
- Probe: EX3DV4 - SN7785; ConvF(4.44, 4.3, 4.23); Calibrated: 2023-11-23
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1399; Calibrated: 2024-03-13
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2204; 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) = 7.04 W/kg; SAR (10g) = 2.16 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) = 7.94 W/kg; SAR (8g) = 2.67 W/kg; SAR (10g) = 2.30 W/kg
Smallest distance from peaks to all points 3 dB below = 7.4 mm
Ratio of SAR at M2 to SAR at M1 = 63.0 %



Date: 2024-10-31

System Check_Head_5600MHz

DUT: D5GHzV2 - SN1128

Communication System: CW; Frequency: 5600.000 MHz
Medium: HSL_5G_241031 Medium parameters used: f= 5600.000 MHz; σ= 5.01 S/m; ε_r = 36.5
Ambient Temperature: 23.1°C; Liquid Temperature: 22.1°C

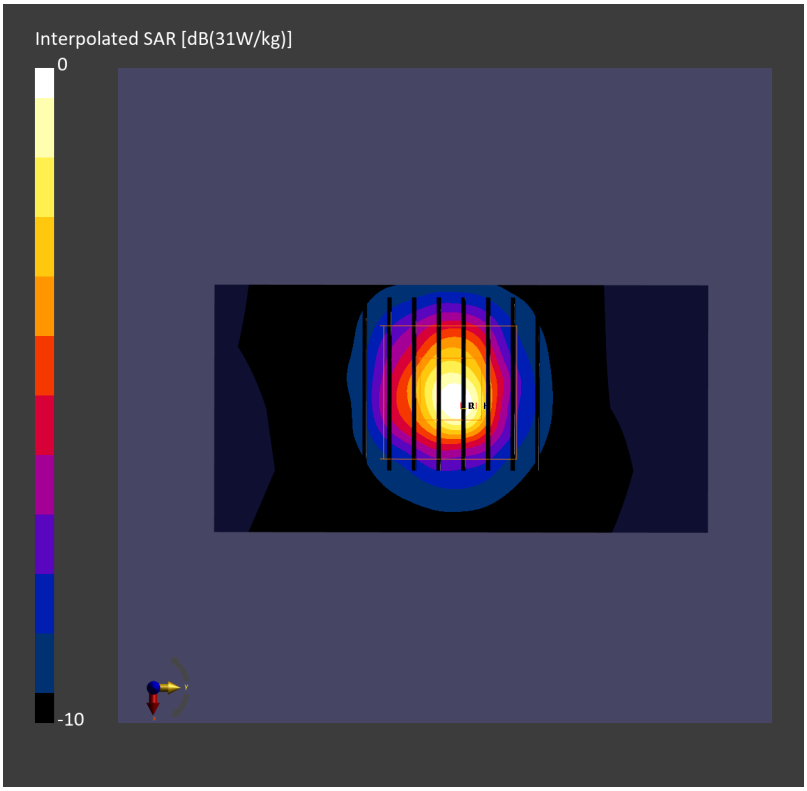
DASY8 Configuration:
- Probe: EX3DV4 - SN7785; ConvF(4.44, 4.3, 4.23); Calibrated: 2023-11-23
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1399; Calibrated: 2024-03-13
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2204; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: CW

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

SAR (1g) = 7.00 W/kg; SAR (10g) = 2.15 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) = 7.78 W/kg; SAR (8g) = 2.62 W/kg; SAR (10g) = 2.25 W/kg
Smallest distance from peaks to all points 3 dB below = 7.4 mm
Ratio of SAR at M2 to SAR at M1 = 62.9 %



Date: 2024-11-01

System Check_Head_5600MHz

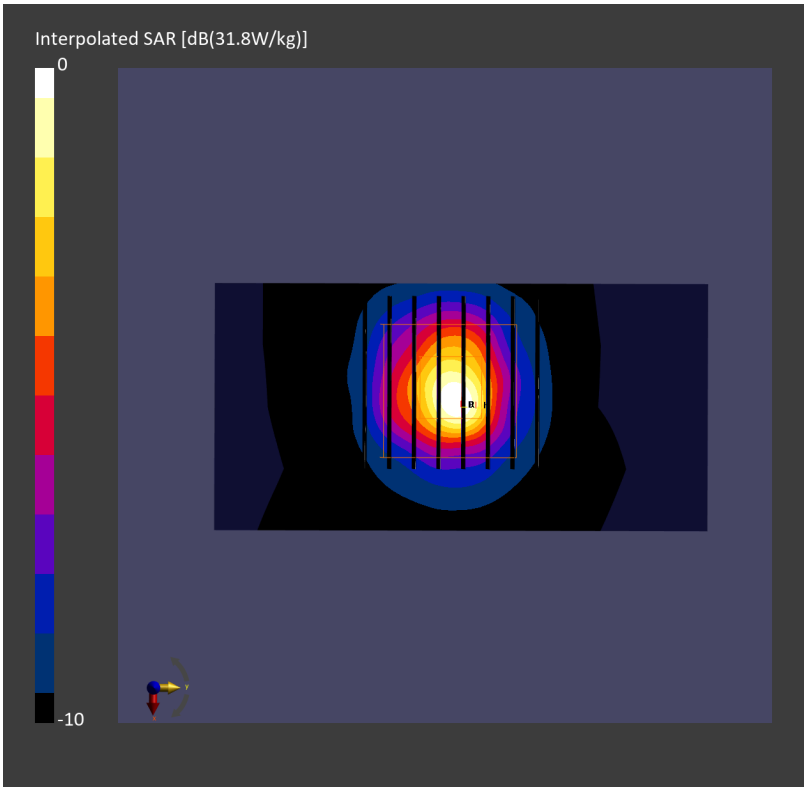
DUT: D5GHzV2 - SN1128

Communication System: CW; Frequency: 5600.000 MHz
Medium: HSL_5G_241101 Medium parameters used: f= 5600.000 MHz; σ= 5.06 S/m; ε_r = 35.0
Ambient Temperature: 23.1°C; Liquid Temperature: 22.1°C

DASY8 Configuration:
- Probe: EX3DV4 - SN7785; ConvF(4.44, 4.3, 4.23); Calibrated: 2023-11-23
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1399; Calibrated: 2024-03-13
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2204; 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) = 7.09 W/kg; SAR (10g) = 2.18 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 = 0.01 dB
SAR (1g) = 7.98 W/kg; SAR (8g) = 2.68 W/kg; SAR (10g) = 2.31 W/kg
Smallest distance from peaks to all points 3 dB below = 7.4 mm
Ratio of SAR at M2 to SAR at M1 = 62.8 %



Date: 2024-11-05

System Check_Head_5600MHz

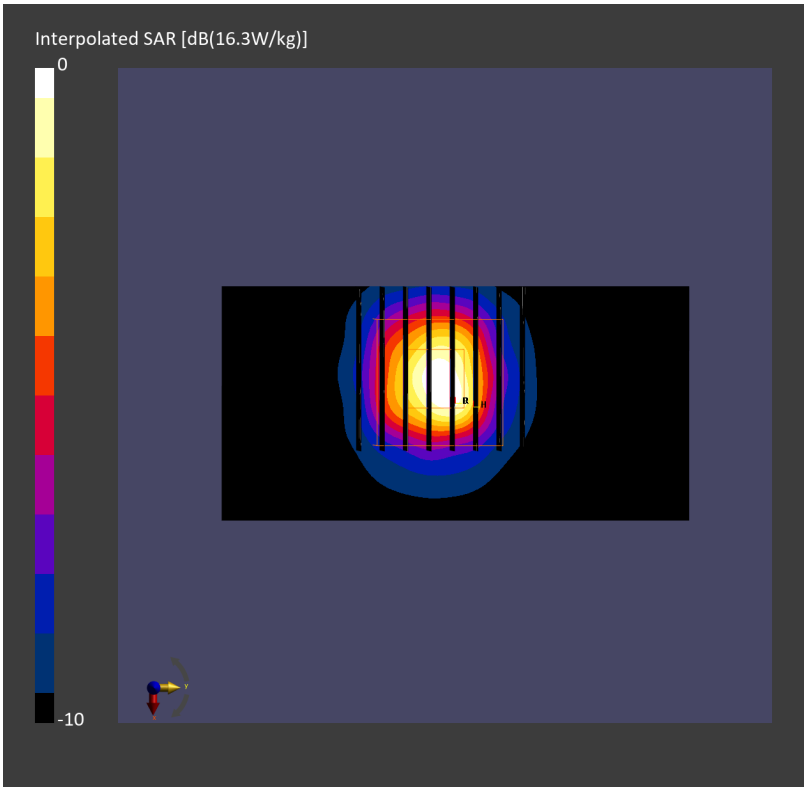
DUT: D5GHzV2 - SN1128

Communication System: CW; Frequency: 5600.000 MHz
Medium: HSL_5G_241105 Medium parameters used: f= 5600.000 MHz; σ= 5.07 S/m; ε_r = 35.3
Ambient Temperature: 23.5°C; Liquid Temperature: 22.5°C

DASY8 Configuration:
- Probe: EX3DV4 - SN7793; ConvF(4.12, 4.35, 4.32); Calibrated: 2024-03-01
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1707; Calibrated: 2023-12-06
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2204; 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) = 3.40 W/kg; SAR (10g) = 1.10 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) = 4.00 W/kg; SAR (8g) = 1.35 W/kg; SAR (10g) = 1.16 W/kg
Smallest distance from peaks to all points 3 dB below = 7.6 mm
Ratio of SAR at M2 to SAR at M1 = 62.2 %



Date: 2024-11-06

System Check_Head_5600MHz

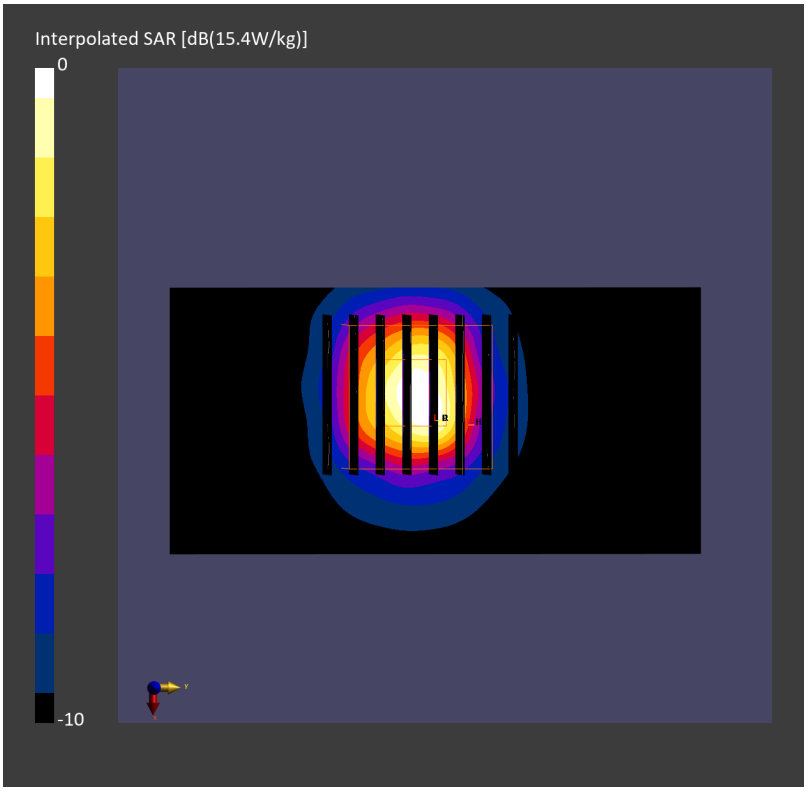
DUT: D5GHzV2 - SN1128

Communication System: CW; Frequency: 5600.000 MHz
Medium: HSL_5G_241106 Medium parameters used: f= 5600.000 MHz; σ= 5.05 S/m; ε_r = 36.1
Ambient Temperature: 23.6°C; Liquid Temperature: 22.6°C

DASY8 Configuration:
- Probe: EX3DV4 - SN7793; ConvF(4.12, 4.35, 4.32); Calibrated: 2024-03-01
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1707; Calibrated: 2023-12-06
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2204; 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) = 3.06 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 = -0.01 dB
SAR (1g) = 3.69 W/kg; SAR (8g) = 1.23 W/kg; SAR (10g) = 1.06 W/kg
Smallest distance from peaks to all points 3 dB below = 7.6 mm
Ratio of SAR at M2 to SAR at M1 = 60.7 %



Date: 2024-10-27

System Check_Head_5800MHz

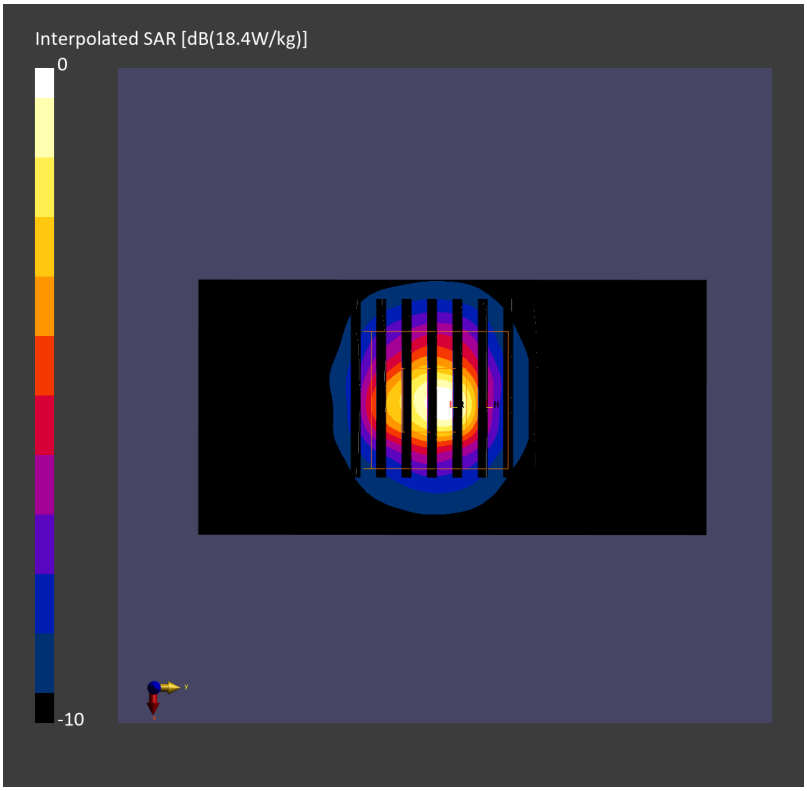
DUT: D5GHzV2 - SN1128

Communication System: CW; Frequency: 5800.000 MHz
Medium: HSL_5G_241027 Medium parameters used: f= 5800.000 MHz; σ= 5.21 S/m; ε_r = 35.0
Ambient Temperature: 23.7°C; Liquid Temperature: 22.7°C

DASY8 Configuration:
- Probe: EX3DV4 - SN7785; ConvF(4.6, 4.41, 4.36); Calibrated: 2023-11-23
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1399; Calibrated: 2024-03-13
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2204; 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) = 3.80 W/kg; SAR (10g) = 1.12 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 = -0.08 dB
SAR (1g) = 4.21 W/kg; SAR (8g) = 1.38 W/kg; SAR (10g) = 1.18 W/kg
Smallest distance from peaks to all points 3 dB below = 7.2 mm
Ratio of SAR at M2 to SAR at M1 = 60.4 %



Date: 2024-10-28

System Check_Head_5800MHz

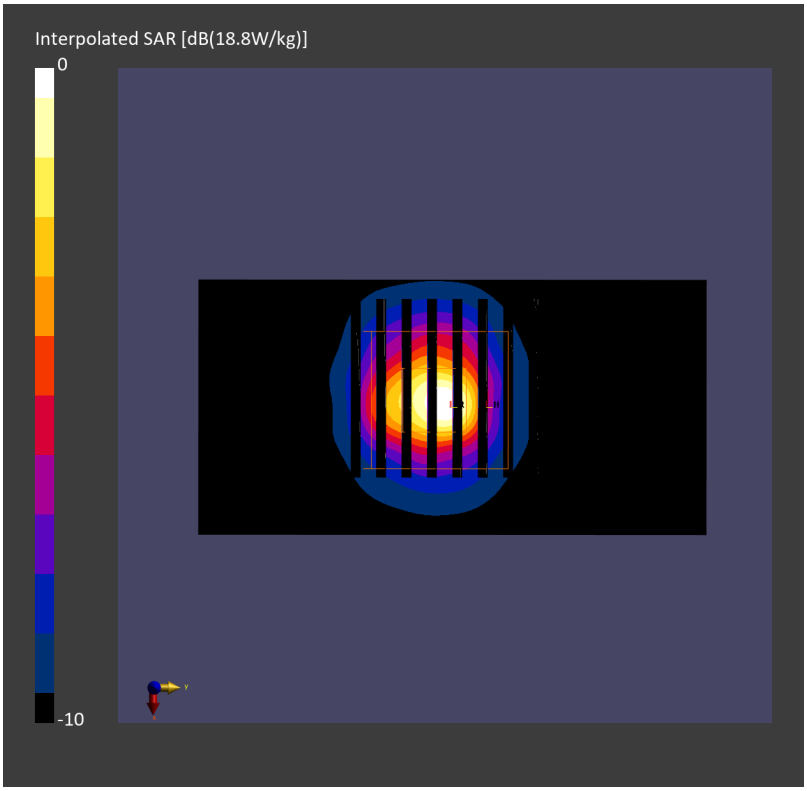
DUT: D5GHzV2 - SN1128

Communication System: CW; Frequency: 5800.000 MHz
Medium: HSL_5G_241028 Medium parameters used: f= 5800.000 MHz; σ= 5.28 S/m; ε_r = 34.7
Ambient Temperature: 23.8°C; Liquid Temperature: 22.8°C

DASY8 Configuration:
- Probe: EX3DV4 - SN7785; ConvF(4.6, 4.41, 4.36); Calibrated: 2023-11-23
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1399; Calibrated: 2024-03-13
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2204; 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) = 3.92 W/kg; SAR (10g) = 1.15 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 = -0.09 dB
SAR (1g) = 4.31 W/kg; SAR (8g) = 1.41 W/kg; SAR (10g) = 1.21 W/kg
Smallest distance from peaks to all points 3 dB below = 7.2 mm
Ratio of SAR at M2 to SAR at M1 = 60.2 %



Date: 2024-10-29

System Check_Head_5800MHz

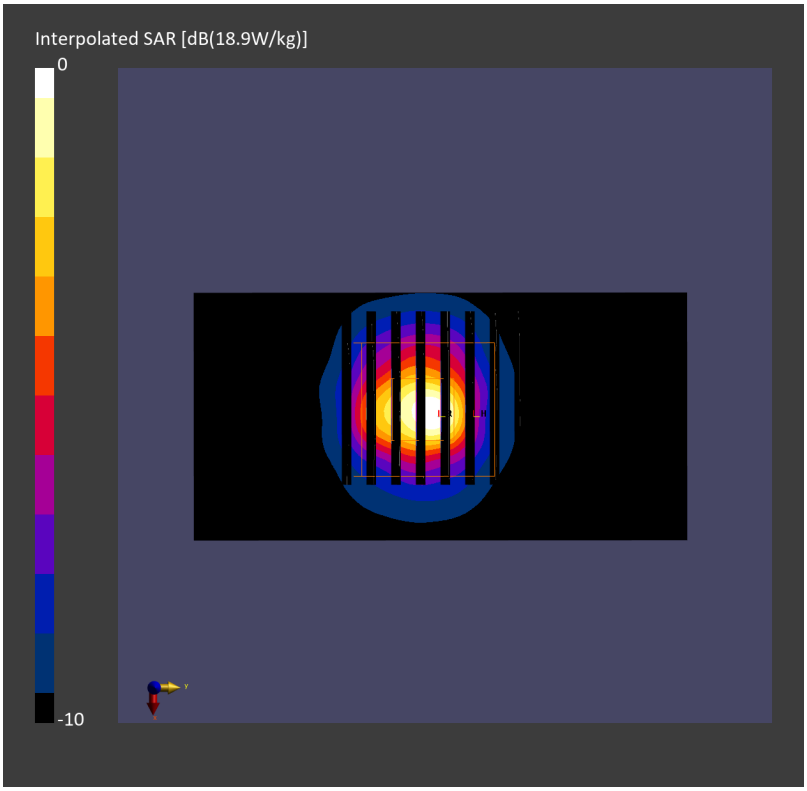
DUT: D5GHzV2 - SN1128

Communication System: CW; Frequency: 5800.000 MHz
Medium: HSL_5G_241029 Medium parameters used: f= 5800.000 MHz; σ= 5.33 S/m; ε_r = 35.8
Ambient Temperature: 23.4°C; Liquid Temperature: 22.4°C

DASY8 Configuration:
- Probe: EX3DV4 - SN7785; ConvF(4.6, 4.41, 4.36); Calibrated: 2023-11-23
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1399; Calibrated: 2024-03-13
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2204; 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) = 3.84 W/kg; SAR (10g) = 1.13 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) = 4.29 W/kg; SAR (8g) = 1.41 W/kg; SAR (10g) = 1.21 W/kg
Smallest distance from peaks to all points 3 dB below = 7.2 mm
Ratio of SAR at M2 to SAR at M1 = 59.7 %



Date: 2024-10-30

System Check_Head_5800MHz

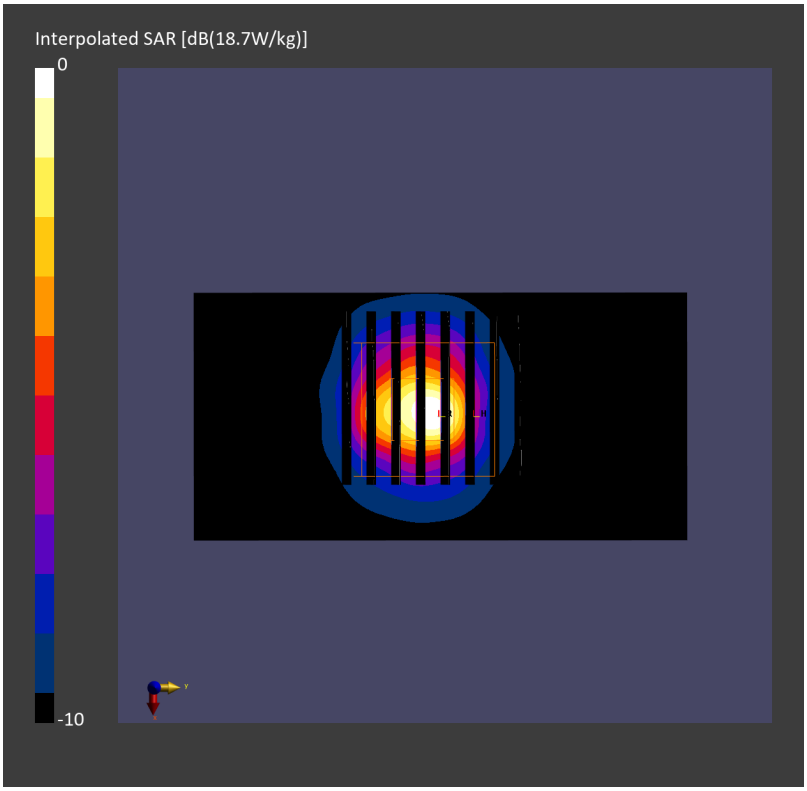
DUT: D5GHzV2 - SN1128

Communication System: CW; Frequency: 5800.000 MHz
Medium: HSL_5G_241030 Medium parameters used: f= 5800.000 MHz; σ= 5.32 S/m; ε_r = 34.8
Ambient Temperature: 23.5°C; Liquid Temperature: 22.5°C

DASY8 Configuration:
- Probe: EX3DV4 - SN7785; ConvF(4.6, 4.41, 4.36); Calibrated: 2023-11-23
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1399; Calibrated: 2024-03-13
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2204; 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) = 3.83 W/kg; SAR (10g) = 1.13 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) = 4.27 W/kg; SAR (8g) = 1.40 W/kg; SAR (10g) = 1.20 W/kg
Smallest distance from peaks to all points 3 dB below = 7.2 mm
Ratio of SAR at M2 to SAR at M1 = 60.1 %



Date: 2024-10-31

System Check_Head_5800MHz

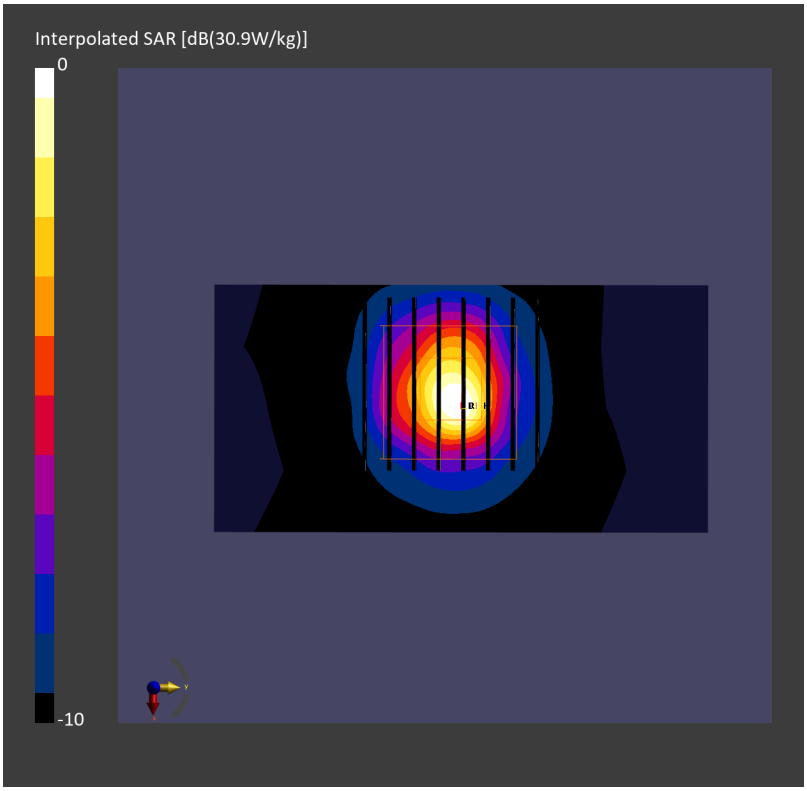
DUT: D5GHzV2 - SN1128

Communication System: CW; Frequency: 5800.000 MHz
Medium: HSL_5G_241031 Medium parameters used: f= 5800.000 MHz; σ= 5.22 S/m; ε_r = 36.3
Ambient Temperature: 23.1°C; Liquid Temperature: 22.1°C

DASY8 Configuration:
- Probe: EX3DV4 - SN7785; ConvF(4.6, 4.41, 4.36); Calibrated: 2023-11-23
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1399; Calibrated: 2024-03-13
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2204; 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) = 6.58 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 = 0.05 dB
SAR (1g) = 7.40 W/kg; SAR (8g) = 2.48 W/kg; SAR (10g) = 2.13 W/kg
Smallest distance from peaks to all points 3 dB below = 7.4 mm
Ratio of SAR at M2 to SAR at M1 = 61.0 %



Date: 2024-11-01

System Check_Head_5800MHz

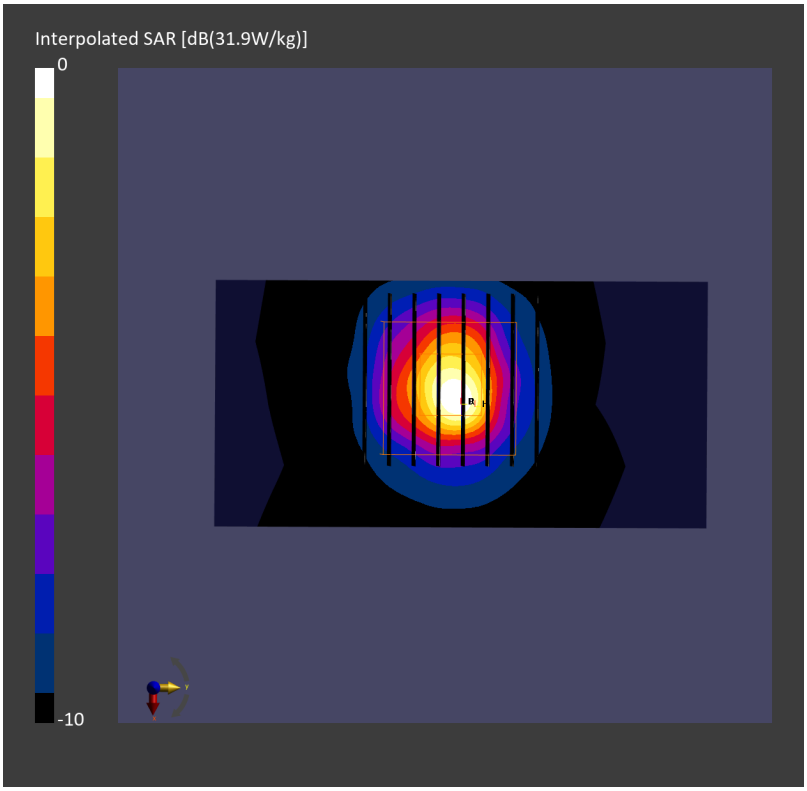
DUT: D5GHzV2 - SN1128

Communication System: CW; Frequency: 5800.000 MHz
Medium: HSL_5G_241101 Medium parameters used: f= 5800.000 MHz; σ= 5.31 S/m; ε_r = 34.6
Ambient Temperature: 23.1°C; Liquid Temperature: 22.1°C

DASY8 Configuration:
- Probe: EX3DV4 - SN7785; ConvF(4.6, 4.41, 4.36); Calibrated: 2023-11-23
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1399; Calibrated: 2024-03-13
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2204; 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) = 6.79 W/kg; SAR (10g) = 2.08 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 = 0.01 dB
SAR (1g) = 7.63 W/kg; SAR (8g) = 2.56 W/kg; SAR (10g) = 2.20 W/kg
Smallest distance from peaks to all points 3 dB below = 7.4 mm
Ratio of SAR at M2 to SAR at M1 = 60.8 %



Date: 2024-11-05

System Check_Head_5800MHz

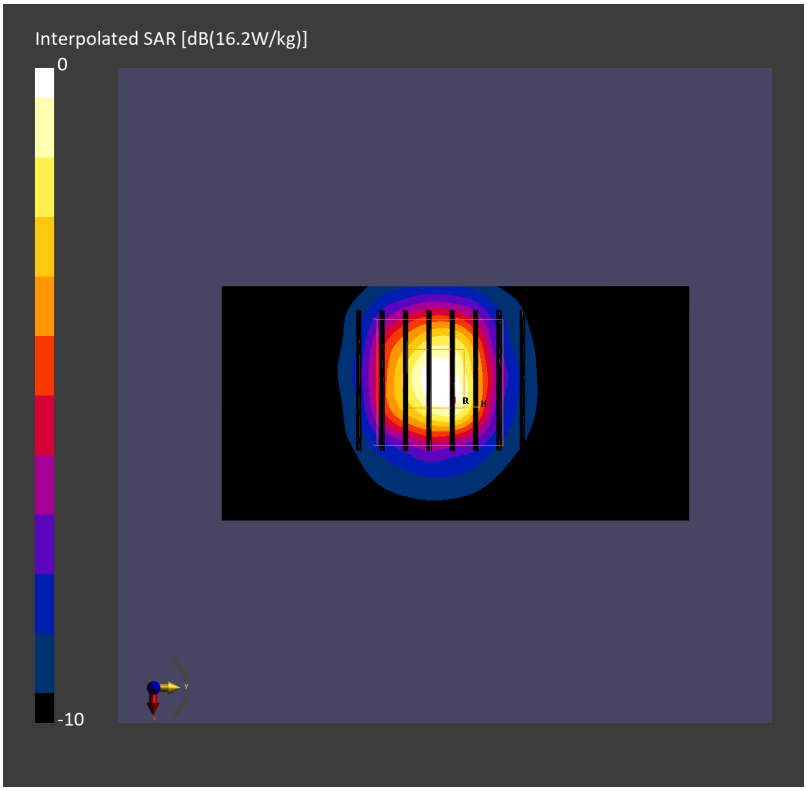
DUT: D5GHzV2 - SN1128

Communication System: CW; Frequency: 5800.000 MHz
Medium: HSL_5G_241105 Medium parameters used: f= 5800.000 MHz; σ= 5.33 S/m; ε_r = 34.9
Ambient Temperature: 23.5°C; Liquid Temperature: 22.5°C

DASY8 Configuration:
- Probe: EX3DV4 - SN7793; ConvF(4.37, 4.42, 4.46); Calibrated: 2024-03-01
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1707; Calibrated: 2023-12-06
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2204; 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) = 3.19 W/kg; SAR (10g) = 1.03 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) = 3.77 W/kg; SAR (8g) = 1.27 W/kg; SAR (10g) = 1.09 W/kg
Smallest distance from peaks to all points 3 dB below = 7.6 mm
Ratio of SAR at M2 to SAR at M1 = 60.2 %



Date: 2024-11-06

System Check_Head_5800MHz

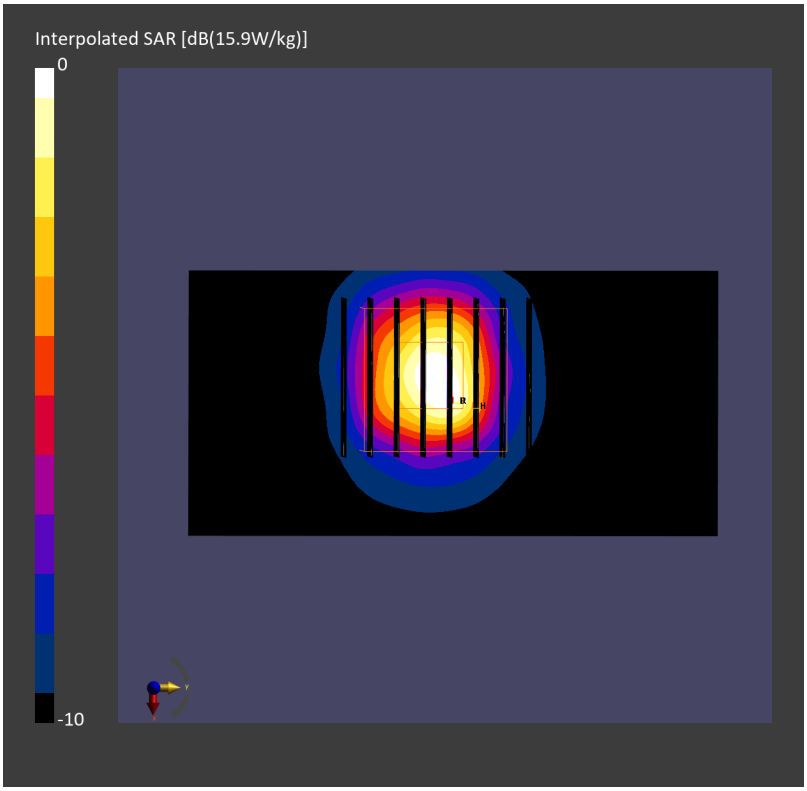
DUT: D5GHzV2 - SN1128

Communication System: CW; Frequency: 5800.000 MHz
Medium: HSL_5G_241106 Medium parameters used: f= 5800.000 MHz; σ= 5.26 S/m; ε_r = 35.9
Ambient Temperature: 23.6°C; Liquid Temperature: 22.6°C

DASY8 Configuration:
- Probe: EX3DV4 - SN7793; ConvF(4.37, 4.42, 4.46); Calibrated: 2024-03-01
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1707; Calibrated: 2023-12-06
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2204; 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) = 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 = -0.02 dB
SAR (1g) = 3.72 W/kg; SAR (8g) = 1.25 W/kg; SAR (10g) = 1.08 W/kg
Smallest distance from peaks to all points 3 dB below = 7.6 mm
Ratio of SAR at M2 to SAR at M1 = 59.9 %



Date: 2024-11-02

System Check_Head_6500MHz

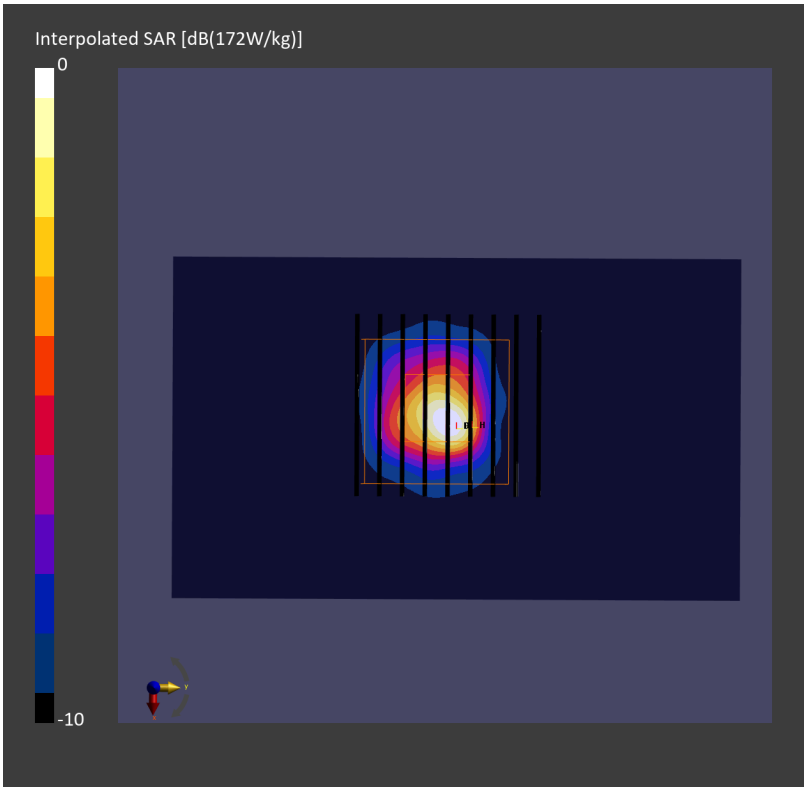
DUT: D6.5GHzV2 - SN1003

Communication System: CW; Frequency: 6500.000 MHz
Medium: HSL_6G_241102 Medium parameters used: f= 6500.000 MHz; σ= 6.18 S/m; ε_r = 35.1
Ambient Temperature: 23.2°C; Liquid Temperature: 22.2°C

DASY8 Configuration:
- Probe: EX3DV4 - SN7785; ConvF(4.88, 4.81, 4.7); Calibrated: 2023-11-23
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1399; Calibrated: 2024-03-13
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2204; 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) = 20.8 W/kg; SAR (10g) = 4.75 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 = 0.09 dB
SAR (1g) = 27.9 W/kg; SAR (8g) = 6.34 W/kg; SAR (10g) = 5.22 W/kg
Smallest distance from peaks to all points 3 dB below = 4.9 mm
Ratio of SAR at M2 to SAR at M1 = 50.7 %
psAPD (1.0cm2, sq) = 279 [W/m2]; psAPD (4.0cm2, sq) = 127 [W/m2]



Date: 2024-11-03

System Check_Head_6500MHz

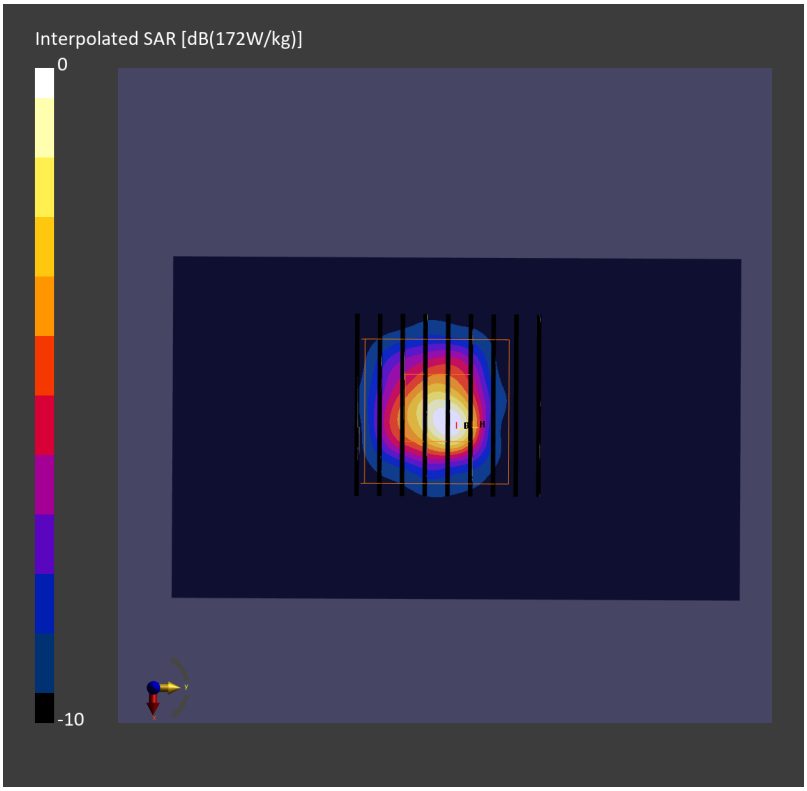
DUT: D6.5GHzV2 - SN1003

Communication System: CW; Frequency: 6500.000 MHz
Medium: HSL_6G_241103 Medium parameters used: f= 6500.000 MHz; σ= 6.14 S/m; ε_r = 34.8
Ambient Temperature: 23.3°C; Liquid Temperature: 22.3°C

DASY8 Configuration:
- Probe: EX3DV4 - SN7785; ConvF(4.88, 4.81, 4.7); Calibrated: 2023-11-23
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1399; Calibrated: 2024-03-13
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2204; 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) = 20.6 W/kg; SAR (10g) = 4.73 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) = 27.8 W/kg; SAR (8g) = 6.33 W/kg; SAR (10g) = 5.21 W/kg
Smallest distance from peaks to all points 3 dB below = 5.0 mm
Ratio of SAR at M2 to SAR at M1 = 50.7 %
psAPD (1.0cm2, sq) = 278 [W/m2]; psAPD (4.0cm2, sq) = 127 [W/m2]



Date: 2024-11-04

System Check_Head_6500MHz

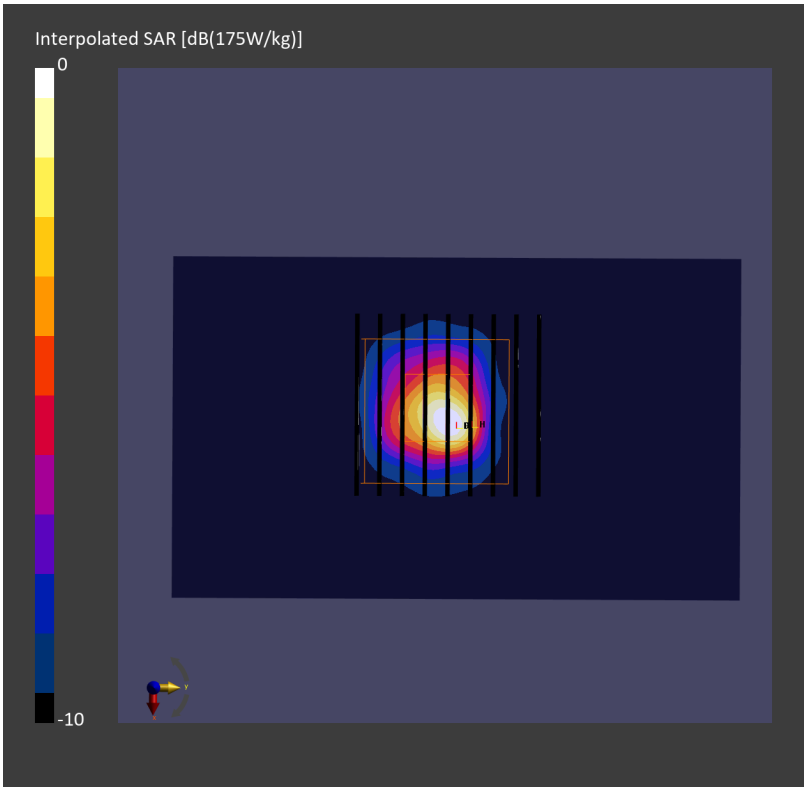
DUT: D6.5GHzV2 - SN1003

Communication System: CW; Frequency: 6500.000 MHz
Medium: HSL_6G_241104 Medium parameters used: f= 6500.000 MHz; σ= 6.22 S/m; ε_r = 35.2
Ambient Temperature: 23.4°C; Liquid Temperature: 22.4°C

DASY8 Configuration:
- Probe: EX3DV4 - SN7785; ConvF(4.88, 4.81, 4.7); Calibrated: 2023-11-23
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1399; Calibrated: 2024-03-13
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2204; 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) = 21.0 W/kg; SAR (10g) = 4.80 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 = 0.06 dB
SAR (1g) = 28.3 W/kg; SAR (8g) = 6.43 W/kg; SAR (10g) = 5.29 W/kg
Smallest distance from peaks to all points 3 dB below = 5.0 mm
Ratio of SAR at M2 to SAR at M1 = 50.7 %
psAPD (1.0cm2, sq) = 283 [W/m2]; psAPD (4.0cm2, sq) = 129 [W/m2]



Measurement Report for Device

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	Software Version	DUT Type
Device,	100.0 x 100.0 x 172.0	3.2.0.1840	5G Verification Source

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Frequency [MHz]	Conversion Factor
5G	FRONT, 10.00	10000.0	1.0

Hardware Setup

Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave - 1044	Air -	EUmmWV4 - SN9441_F1-55GHz, 2023-11-17	DAE4 Sn661, 2024-05-16

Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	120.0 x 120.0
Grid Steps [lambda]	0.25 x 0.25
Sensor Surface [mm]	10.0

Measurement Results

Date	2024-10-29
Avg. Area [cm^2]	4.00
psPDn+ [W/m^2]	56.6
psPDtot+ [W/m^2]	57.1
H_{max} [A/m]	0.414
E_{max} [V/m]	157
$max_{(Stot)}$ [W/m^2]	65.1
Power Drift [dB]	0.00
IPDn	97.7