Date: 2024-06-12

System Check_Head_2450MHz

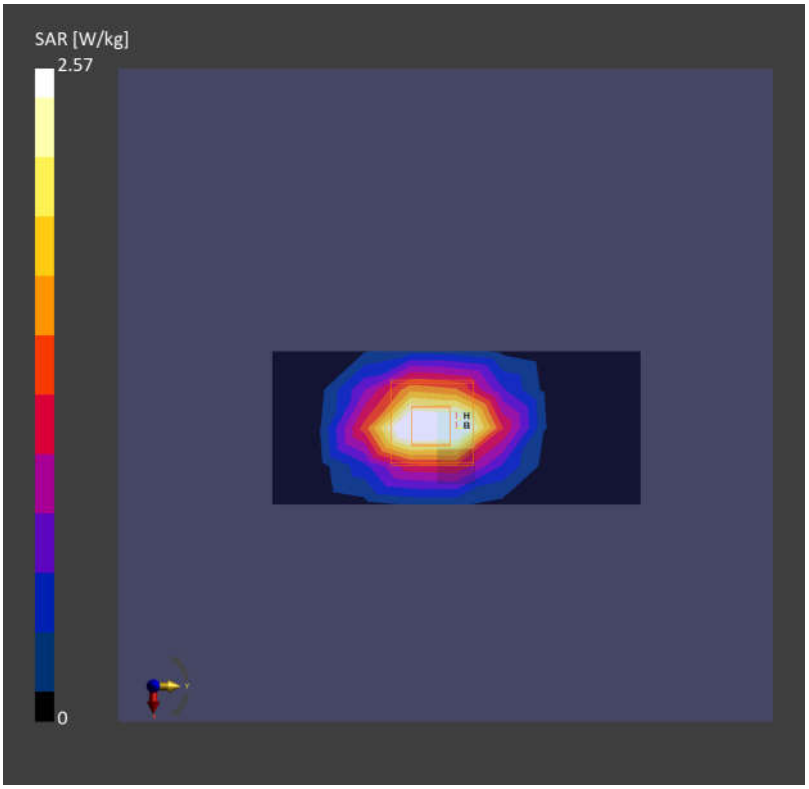
DUT:D2450V2 - SN:1095

Communication System: ; Frequency: 2450.000
Medium: HSL. Medium parameters used: f= 2450.000 MHz; σ= 1.81 S/m; ε_r = 38.6
Ambient Temperature: 23.2°C; Liquid Temperature: 22.6°C

DASY6 Configuration:
- Probe: EX3DV4 - SN7764; ConvF(8.03, 8.03, 8.03); Calibrated: 2023-10-05
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1338; Calibrated: 2024-03-18
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2151
- Measurement Software: cDASY6 V6.6.0.13926

Area Scan (40.0 mm x 96.0 mm): Measurement Grid: 10.0 mm x 12.0 mm
SAR (1g) = 2.41 W/kg; SAR (10g) = 1.13 W/kg;

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;
Graded Ratio:1.5
Power Drift = 0.01 dB
SAR (1g) = 2.57 W/kg; SAR (10g) = 1.19 W/kg;
Smallest distance from peaks to all points 3dB below is 9.1 mm
Ratio of SAR at M2 to SAR at M1 = 78.9 %



Date: 2024-06-13

System Check_Head_5250MHz

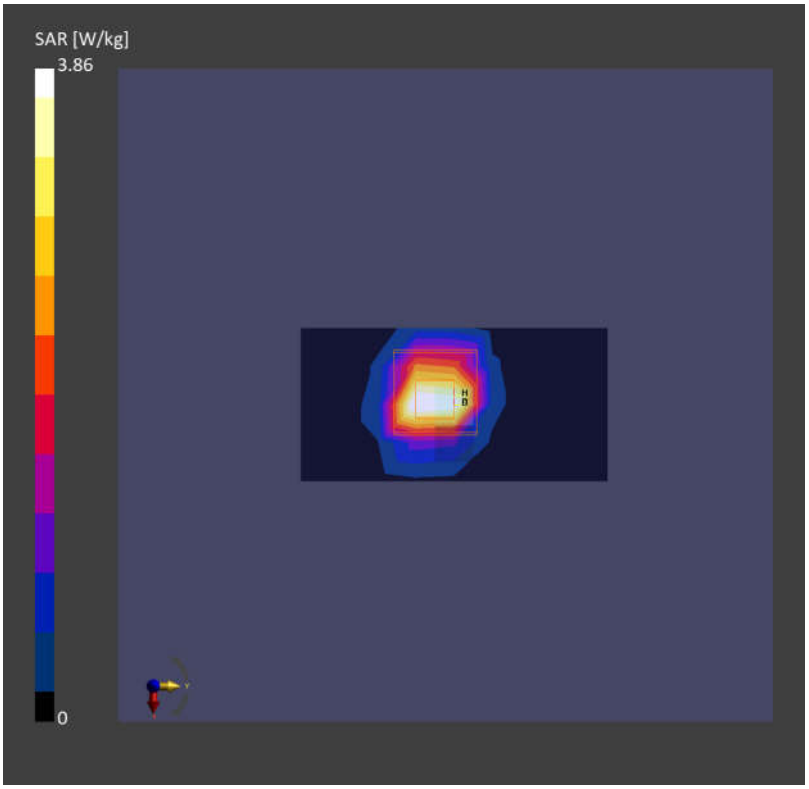
DUT:D5GHzV2 - SN:1113

Communication System: ; Frequency: 5250.000
Medium: HSL. Medium parameters used: f= 5250.000 MHz; σ= 4.56 S/m; ε_r = 36.1
Ambient Temperature: 23.4°C; Liquid Temperature: 22.7°C

DASY6 Configuration:
- Probe: EX3DV4 - SN7764; ConvF(5.73, 5.73, 5.73); Calibrated: 2023-10-05
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1338; Calibrated: 2024-03-18
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2151
- Measurement Software: cDASY6 V6.6.0.13926

Area Scan (40.0 mm x 80.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 3.20 W/kg; SAR (10g) = 1.00 W/kg;

Zoom Scan (24.0 mm x 24.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm;
Graded Ratio:1.4
Power Drift = -0.02 dB
SAR (1g) = 3.86 W/kg; SAR (10g) = 1.11 W/kg;
Smallest distance from peaks to all points 3dB below is 7.0 mm
Ratio of SAR at M2 to SAR at M1 = 69.8 %



Date: 2024-06-14

System Check_Head_5600MHz

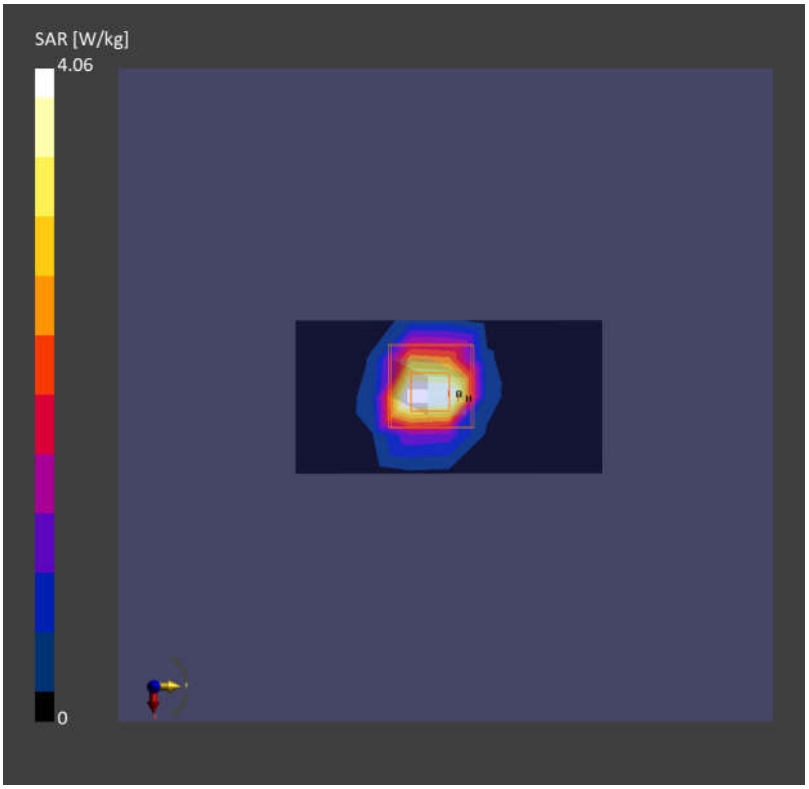
DUT:D5GHzV2 - SN:1113

Communication System: ; Frequency: 5600.000
Medium: HSL. Medium parameters used: f= 5600.000 MHz; σ= 4.94 S/m; ε_r = 35.6
Ambient Temperature: 23.3°C; Liquid Temperature: 22.6°C

DASY6 Configuration:
- Probe: EX3DV4 - SN7764; ConvF(5.1, 5.1, 5.1); Calibrated: 2023-10-05
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1338; Calibrated: 2024-03-18
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2151
- Measurement Software: cDASY6 V6.6.0.13926

Area Scan (40.0 mm x 80.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 3.59 W/kg; SAR (10g) = 1.11 W/kg;

Zoom Scan (24.0 mm x 24.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm;
Graded Ratio:1.4
Power Drift = 0.01 dB
SAR (1g) = 4.06 W/kg; SAR (10g) = 1.19 W/kg;
Smallest distance from peaks to all points 3dB below is 7.2 mm
Ratio of SAR at M2 to SAR at M1 = 67.1 %



Date: 2024-06-15

System Check_Head_5750MHz

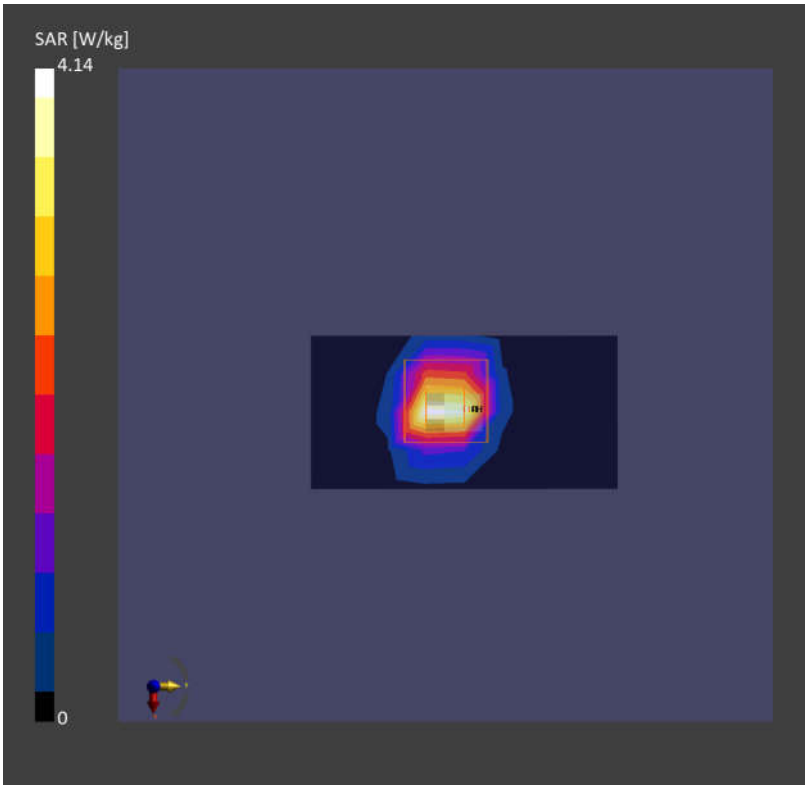
DUT:D5GHzV2 - SN:1113

Communication System: ; Frequency: 5750.000
Medium: HSL. Medium parameters used: f= 5750.000 MHz; σ= 5.10 S/m; ε_r = 35.4
Ambient Temperature: 23.4°C; Liquid Temperature: 22.9°C

DASY6 Configuration:
- Probe: EX3DV4 - SN7764; ConvF(5.32, 5.32, 5.32); Calibrated: 2023-10-05
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1338; Calibrated: 2024-03-18
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2151
- Measurement Software: cDASY6 V6.6.0.13926

Area Scan (40.0 mm x 80.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 4.05 W/kg; SAR (10g) = 1.02 W/kg;

Zoom Scan (24.0 mm x 24.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm;
Graded Ratio:1.4
Power Drift = 0.03 dB
SAR (1g) = 4.14 W/kg; SAR (10g) = 1.14 W/kg;
Smallest distance from peaks to all points 3dB below is 7.1 mm
Ratio of SAR at M2 to SAR at M1 = 66.2 %



Date: 2024-06-16

System Check_Head_6500MHz

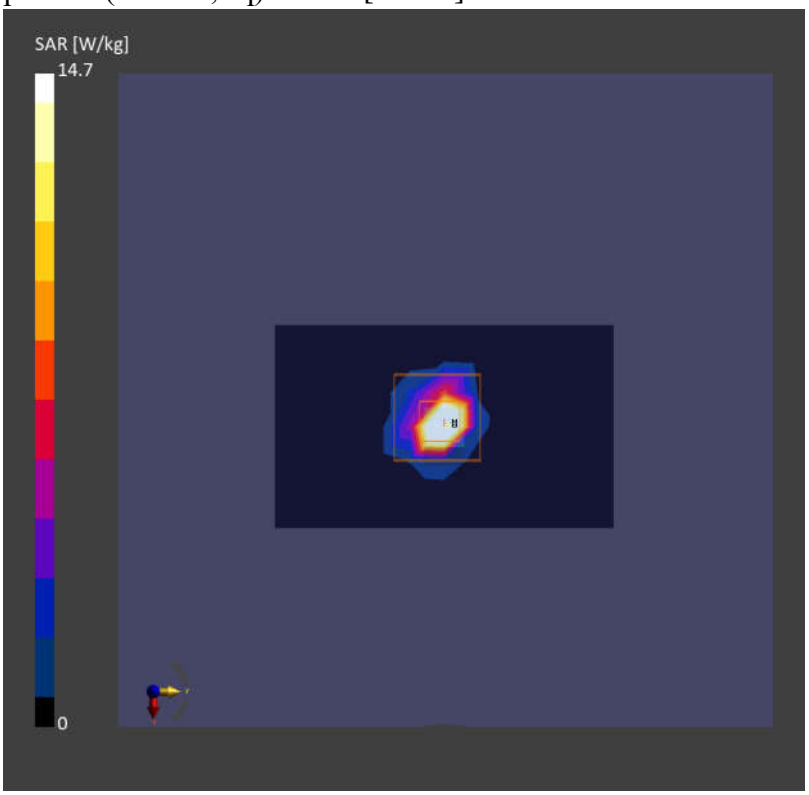
DUT:D6.5GHzV2 - SN:1031

Communication System: ; Frequency: 6500.000
Medium: HSL. Medium parameters used: f= 6500.000 MHz; σ= 6.16 S/m; ε_r = 34.6
Ambient Temperature: 23.2°C; Liquid Temperature: 22.8°C

DASY6 Configuration:
- Probe: EX3DV4 - SN7764; ConvF(5.5, 5.5, 5.5); Calibrated: 2023-10-05
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1338; Calibrated: 2024-03-18
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2151
- Measurement Software: cDASY6 V6.6.0.13926

Area Scan (51.0 mm x 85.0 mm): Measurement Grid: 8.5 mm x 8.5 mm
SAR (1g) = 13.5 W/kg; SAR (10g) = 2.49 W/kg;

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;
Graded Ratio:1.4
Power Drift = -0.20 dB
SAR (1g) = 14.7 W/kg; SAR (10g) = 2.62 W/kg;
Smallest distance from peaks to all points 3dB below is 5.1 mm
Ratio of SAR at M2 to SAR at M1 = 51.3 %
psAPD (4.0cm2, sq) = 63.3 [W/m2]



Date: 2024-07-15

System Check_Head_2450MHz

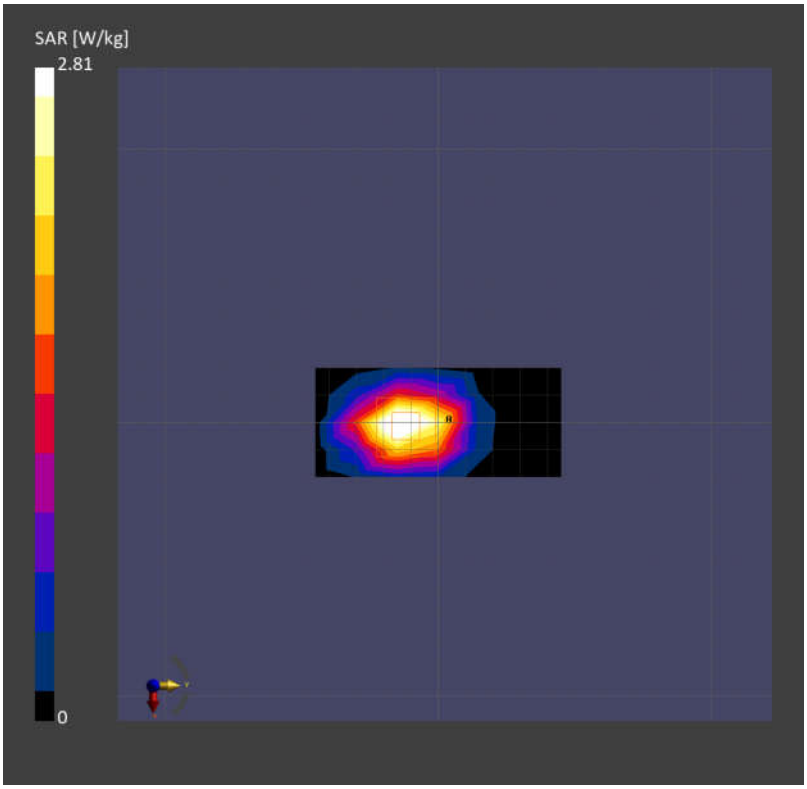
DUT:D2450V2-SN:1095

Communication System: CW; Frequency: 2450.000 MHz; Duty Cycle: 1:1
Medium: Head Simulating Liquid Medium parameters used: f= 2450.000 MHz; σ= 1.86 S/m; ε_r = 39.1
Ambient Temperature: 23.4°C; Liquid Temperature: 22.8°C

DASY8 Configuration:
- Probe: EX3DV4 - SN7764; ConvF(8.03, 8.03, 8.03); Calibrated: 2023-10-05
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1338; Calibrated: 2024-03-18
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2151
- Measurement Software: cDASY6 V6.6.0.13926

Area Scan (40.0 mm x 90.0 mm): Measurement Grid: 10.0 mm x 15.0 mm
SAR (1g) = 2.53 W/kg; SAR (10g) = 1.21 W/kg;

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 = 0.11 dB
SAR (1g) = 2.81 W/kg; SAR (10g) = 1.29 W/kg
Smallest distance from peaks to all points 3 dB below = 9.0 mm
Ratio of SAR at M2 to SAR at M1 = 63.4 %



Date: 2024-06-12

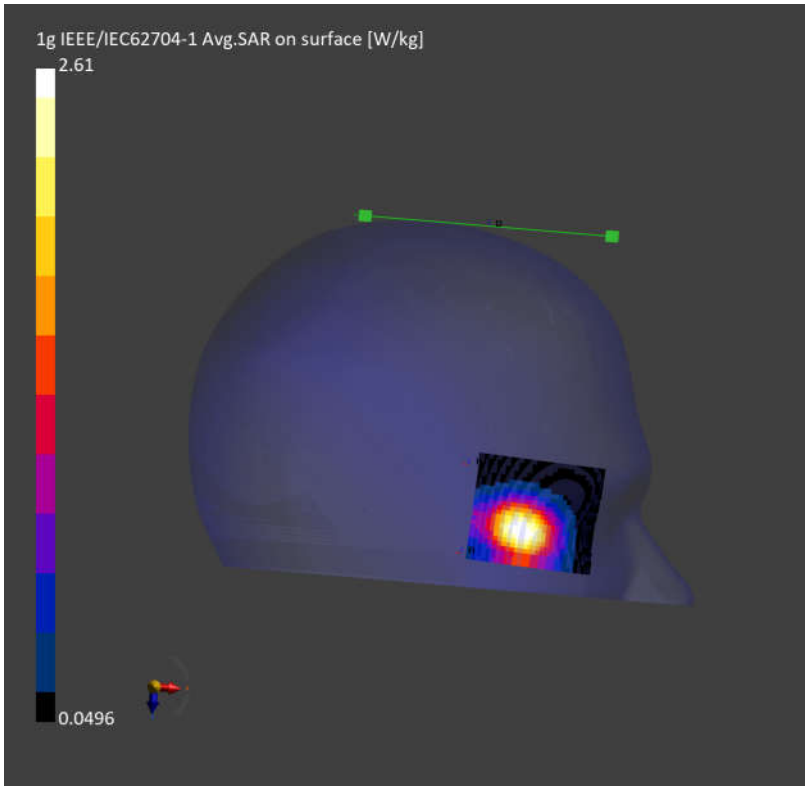
System Check_Right Head_2450MHz

DUT:D2450V2 - SN:1095

Communication System: CW; Frequency: 2450.000 MHz
Medium: HSL Medium parameters used: f= 2450.000 MHz; σ= 1.81 S/m; ε_r = 38.6
Ambient Temperature: 23.2°C; Liquid Temperature: 22.6°C

DASY6 Configuration:
- Probe: EX3DV4 - SN7764; ConvF(8.03, 8.03, 8.03); Calibrated: 2023-10-05
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1338; Calibrated: 2024-03-18
- Phantom: SAM-HeadStand V10.0; Serial: 1103
- Measurement Software: cDASY6 V6.6.0.13926

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
Graded Ratio:1.5
Power Drift = 0.02 dB
SAR (1g) = 2.61 W/kg; SAR (10g) = 1.19 W/kg
Smallest distance from peaks to all points 3dB below is 9.5 mm
Ratio of SAR at M2 to SAR at M1 = 81.3 %



Date: 2024-06-10

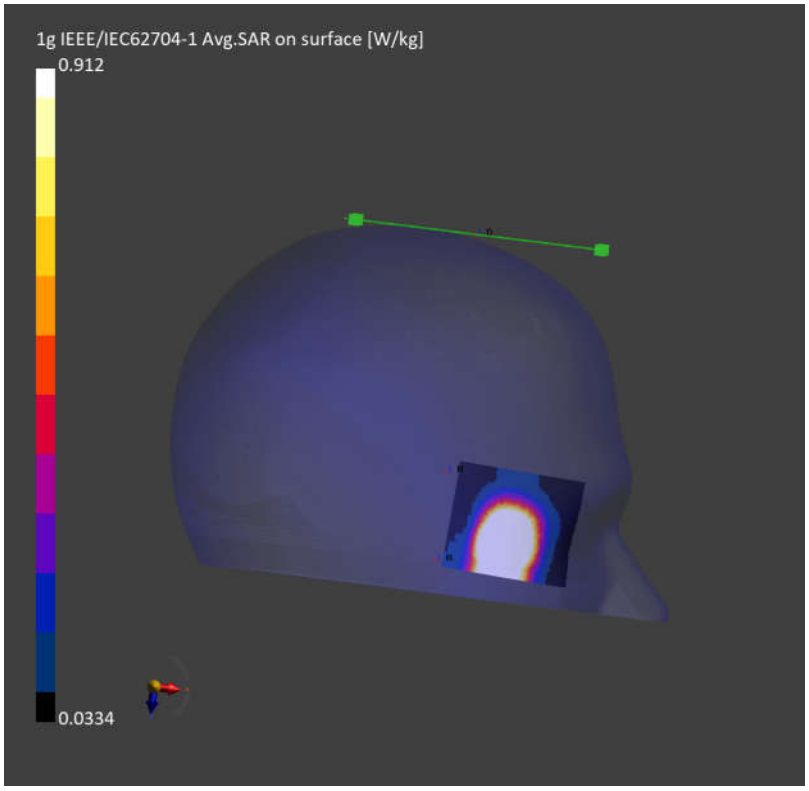
System Check_Right Head_5800MHz

DUT:D5GHzV2 - SN:1365

Communication System: CW; Frequency: 5800.000 MHz
Medium: HSL Medium parameters used: f= 5800.000 MHz; σ= 5.17 S/m; ε_r = 35.3
Ambient Temperature: 23.1°C; Liquid Temperature: 22.8°C

DASY6 Configuration:
- Probe: EX3DV4 - SN7764; ConvF(5.32, 5.32, 5.32); Calibrated: 2023-10-05
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1338; Calibrated: 2024-03-18
- Phantom: SAM-HeadStand V10.0; Serial: 1103
- Measurement Software: cDASY6 V6.6.0.13926

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
Graded Ratio:1.4
Power Drift = -0.04 dB
SAR (1g) = 0.912 W/kg; SAR (10g) = 0.316 W/kg
Smallest distance from peaks to all points 3dB below is 6.5 mm
Ratio of SAR at M2 to SAR at M1 = 66.4 %



Date: 2024-06-12

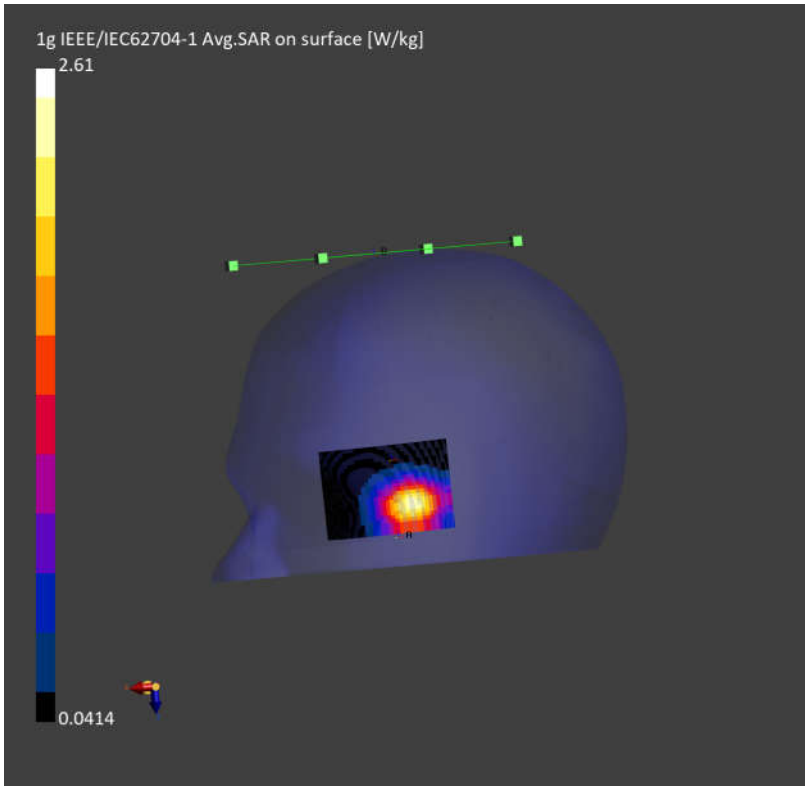
System Check_Left Head_2450MHz

DUT:D2450V2 - SN:1095

Communication System: CW; Frequency: 2450.000 MHz
Medium: HSL Medium parameters used: f= 2450.000 MHz; σ= 1.81 S/m; ε_r = 38.6
Ambient Temperature: 23.2°C; Liquid Temperature: 22.6°C

DASY6 Configuration:
- Probe: EX3DV4 - SN7764; ConvF(8.03, 8.03, 8.03); Calibrated: 2023-10-05
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1338; Calibrated: 2024-03-18
- Phantom: SAM-HeadStand V10.0; Serial: 1103
- Measurement Software: cDASY6 V6.6.0.13926

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
Graded Ratio:1.5
Power Drift = 0.01 dB
SAR (1g) = 2.61 W/kg; SAR (10g) = 1.16 W/kg
Smallest distance from peaks to all points 3dB below is 9.3 mm
Ratio of SAR at M2 to SAR at M1 = 81.4 %



Date: 2024-06-10

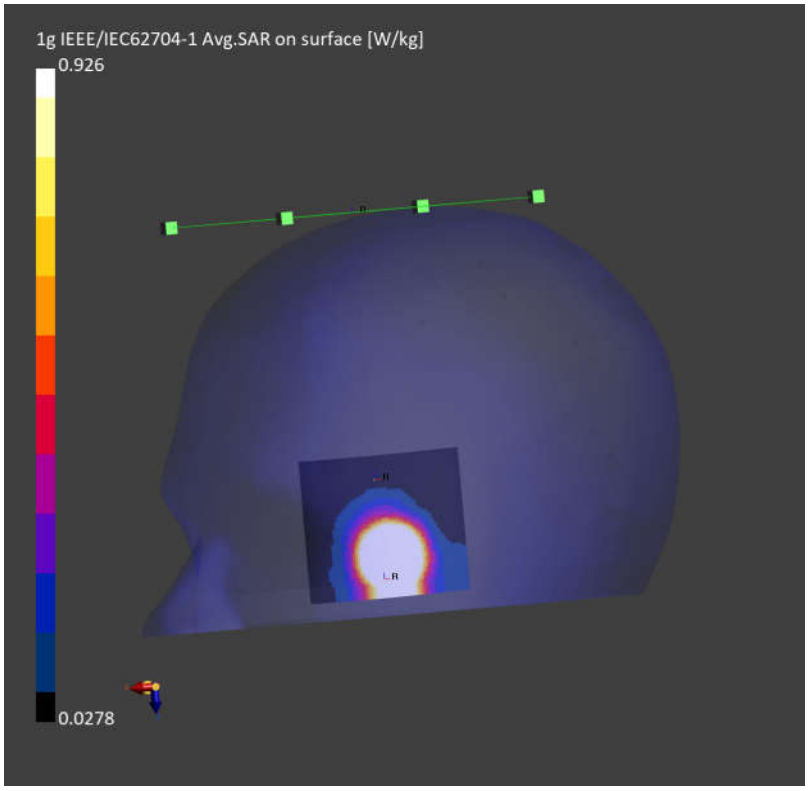
System Check_Left Head_5800MHz

DUT:D5GHzV2 - SN:1365

Communication System: CW; Frequency: 5800.000 MHz
Medium: HSL Medium parameters used: f= 5800.000 MHz; σ= 5.17 S/m; ε_r = 35.3
Ambient Temperature: 23.1°C; Liquid Temperature: 22.8°C

DASY6 Configuration:
- Probe: EX3DV4 - SN7764; ConvF(5.32, 5.32, 5.32); Calibrated: 2023-10-05
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1338; Calibrated: 2024-03-18
- Phantom: SAM-HeadStand V10.0; Serial: 1103
- Measurement Software: cDASY6 V6.6.0.13926

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
Graded Ratio:1.4
Power Drift = -0.03 dB
SAR (1g) = 0.926 W/kg; SAR (10g) = 0.314 W/kg
Smallest distance from peaks to all points 3dB below is 6.7 mm
Ratio of SAR at M2 to SAR at M1 = 65.3 %



Date: 2024-07-15

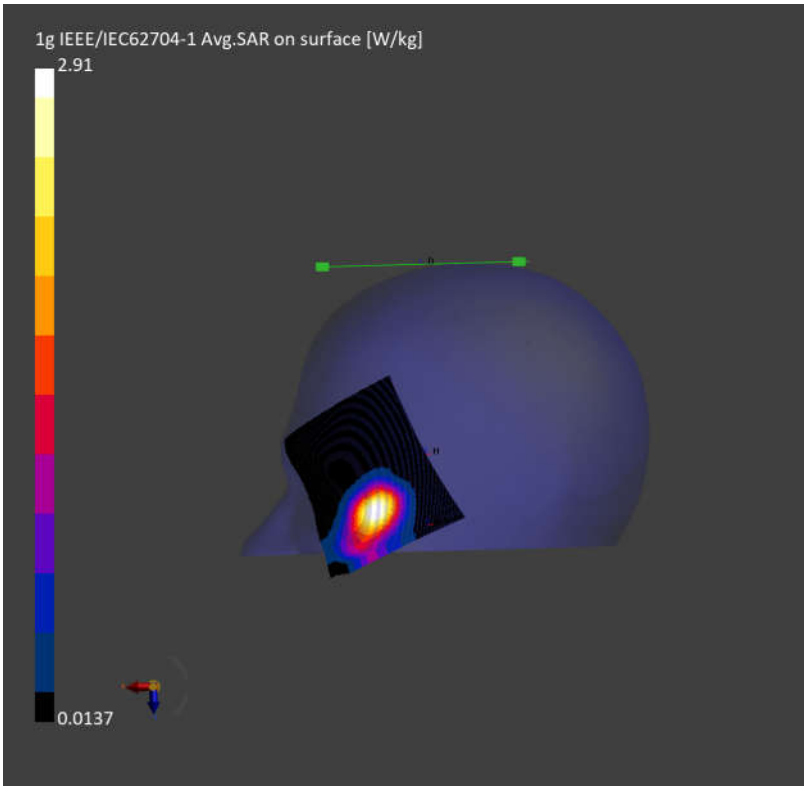
System Check_Left Head_2450MHz

DUT:D2450V2 - SN:1095

Communication System: CW; Frequency: 2450.000 MHz
Medium: HSL Medium parameters used: f= 2450.000 MHz; σ= 1.86 S/m; ε_r = 39.1
Ambient Temperature: 23.3°C; Liquid Temperature: 22.8°C

DASY6 Configuration:
- Probe: EX3DV4 - SN7764; ConvF(8.03, 8.03, 8.03); Calibrated: 2023-10-05
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1338; Calibrated: 2024-03-18
- Phantom: SAM-HeadStand V10.0; Serial: 1103
- Measurement Software: cDASY6 V6.6.0.13926

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
Graded Ratio:1.5
Power Drift = 0.05 dB
SAR (1g) = 2.91 W/kg; SAR (10g) = 1.34 W/kg
Smallest distance from peaks to all points 3dB below is 7.8 mm
Ratio of SAR at M2 to SAR at M1 = 73.1 %



Date: 2024-07-15

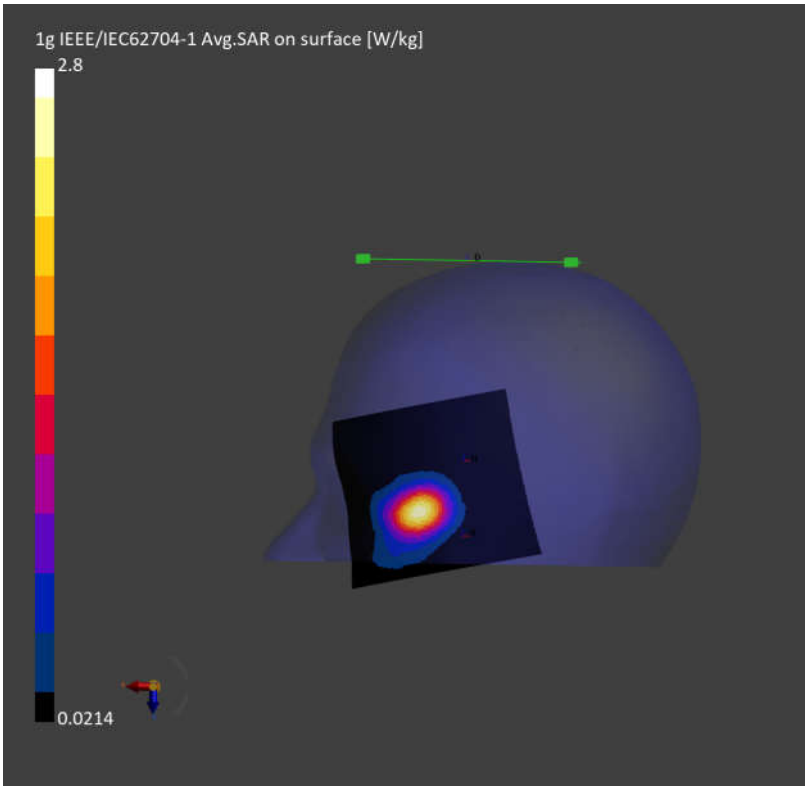
System Check_Right Head_2450MHz

DUT:D2450V2 - SN:1095

Communication System: CW; Frequency: 2450.000 MHz
Medium: HSL Medium parameters used: f= 2450.000 MHz; σ= 1.86 S/m; ε_r =39.1
Ambient Temperature: 23.3°C; Liquid Temperature: 22.8°C

DASY6 Configuration:
- Probe: EX3DV4 - SN7764; ConvF(8.03, 8.03, 8.03); Calibrated: 2023-10-05
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1338; Calibrated: 2024-03-18
- Phantom: SAM-HeadStand V10.0; Serial: 1103
- Measurement Software: cDASY6 V6.6.0.13926

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
Graded Ratio:1.5
Power Drift = -0.10 dB
SAR (1g) = 2.80 W/kg; SAR (10g) = 1.24 W/kg
Smallest distance from peaks to all points 3dB below is 8.9 mm
Ratio of SAR at M2 to SAR at M1 = 76.8%



Measurement Report for Device, FRONT, Validation band, CW, Channel 10000 (10000.0 MHz)

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]
Device,	100.0 x 100.0 x 105.0

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G	FRONT, 10.00	Validation band	CW, 0--	10000.0, 10000	1.0

Hardware Setup

Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave - 1065	Air -	EUmmWV4 - SN9553_F1-55GHz, 2023-10-18	DAE4 Sn690, 2023-06-20

Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	60.0 x 60.0
Grid Steps [lambda]	0.125 x 0.125
Sensor Surface [mm]	10.0
MAIA	N/A

Measurement Results

Scan Type	5G Scan
Date	2024-06-18
Avg. Area [cm^2]	4.00
psPDn+ [W/m^2]	61.5
psPDtot+ [W/m^2]	61.7
psPDmod+ [W/m^2]	63.6
E_{max} [V/m]	188
Power Drift [dB]	-0.06