

SystemCheck_Head_2450MHz

DUT:D2450V2 - SN:1095

Communication System: ; Frequency: 2450.000

Medium: HSL. Medium parameters used: $f = 2450.000$ MHz; $\sigma = 1.82$ S/m; $\epsilon_r = 39.2$

Ambient Temperature: 23.3°C; Liquid Temperature: 22.9°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7630; ConvF(7.32, 7.39, 7.01); Calibrated: 2023-06-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1338; Calibrated: 2024-03-18
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2074
- 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) = 2.80 W/kg; SAR (10g) = 1.31 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;

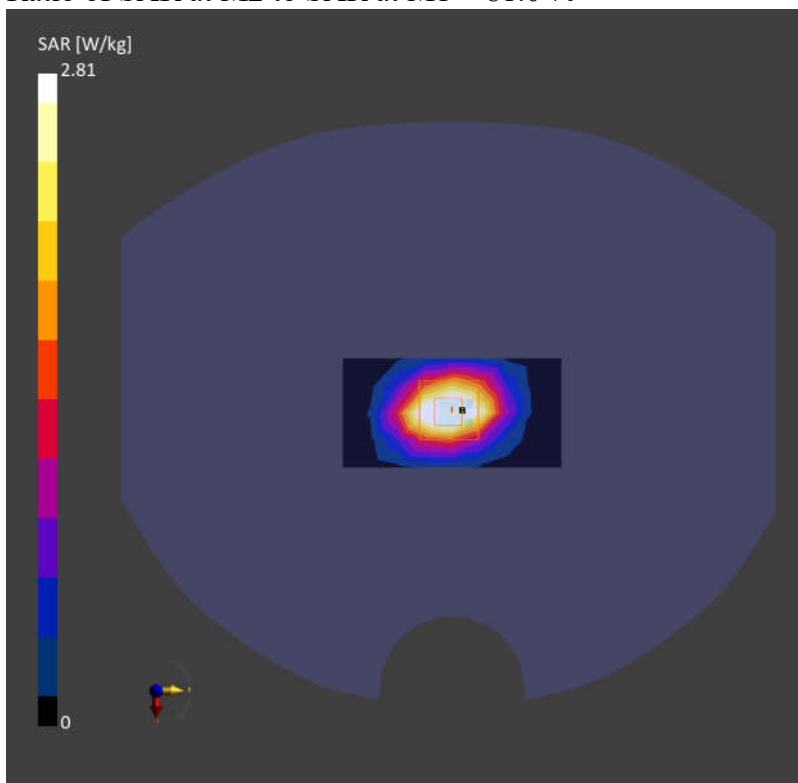
Graded Ratio:1.5

Power Drift = 0.00 dB

SAR (1g) = 2.81 W/kg; SAR (10g) = 1.33 W/kg;

Smallest distance from peaks to all points 3dB below is 9.1 mm

Ratio of SAR at M2 to SAR at M1 = 81.0 %



Date: 2024-05-18

SystemCheck_Head_5250MHz

DUT:D5GHzV2 - SN:1113

Communication System: ; Frequency: 5250.000

Medium: HSL. Medium parameters used: $f = 5250.000$ MHz; $\sigma = 4.56$ S/m; $\epsilon_r = 35.0$

Ambient Temperature: 23.2°C; Liquid Temperature: 22.7°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7630; ConvF(5.98, 6.03, 5.81); Calibrated: 2023-06-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1338; Calibrated: 2024-03-18
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2074
- 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) = 3.75 W/kg; SAR (10g) = 1.08 W/kg;

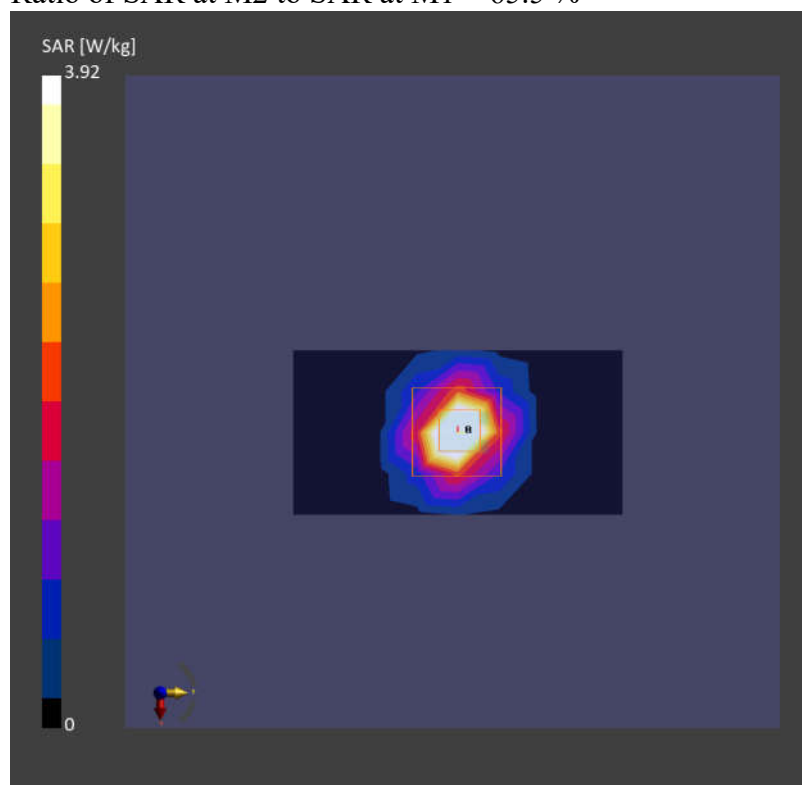
Zoom Scan (24.0 mm x 24.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm;
Graded Ratio: 1.4

Power Drift = -0.06 dB

SAR (1g) = 3.92 W/kg; SAR (10g) = 1.15 W/kg;

Smallest distance from peaks to all points 3dB below is 7.6 mm

Ratio of SAR at M2 to SAR at M1 = 65.5 %



SystemCheck_Head_5600MHz

DUT:D5GHzV2 - SN:1113

Communication System: ; Frequency: 5600.000

Medium: HSL. Medium parameters used: $f = 5600.000$ MHz; $\sigma = 4.95$ S/m; $\epsilon_r = 34.4$

Ambient Temperature: 23.4°C; Liquid Temperature: 22.6°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7630; ConvF(5.0, 5.05, 4.85); Calibrated: 2023-06-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1338; Calibrated: 2024-03-18
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2074
- 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) = 4.13 W/kg; SAR (10g) = 1.21 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;

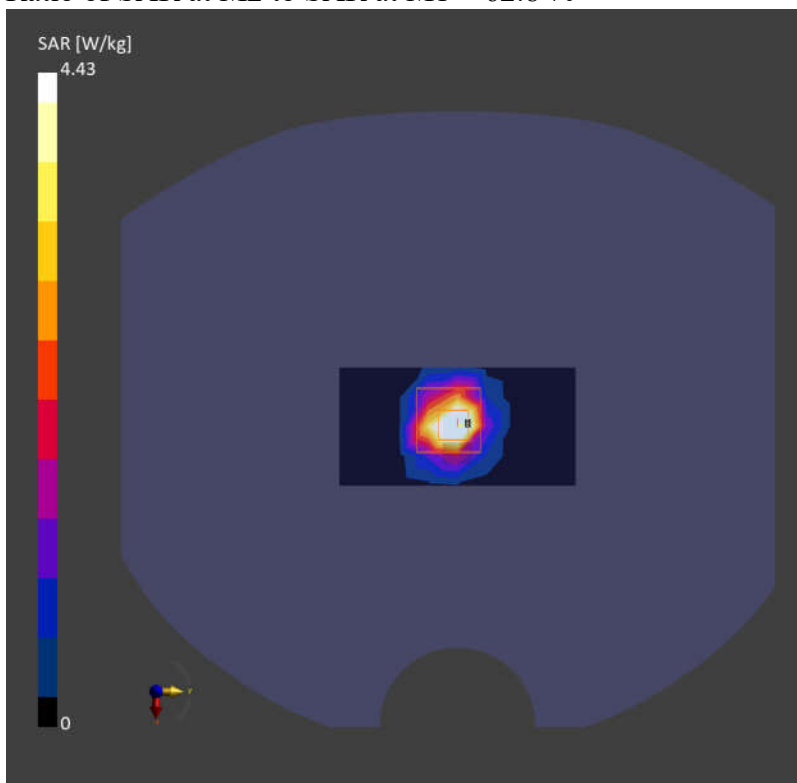
Graded Ratio:1.4

Power Drift = 0.01 dB

SAR (1g) = 4.43 W/kg; SAR (10g) = 1.25 W/kg;

Smallest distance from peaks to all points 3dB below is 7.4 mm

Ratio of SAR at M2 to SAR at M1 = 62.8 %



SystemCheck_Head_5750MHz

DUT:D5GHzV2 - SN:1113

Communication System: ; Frequency: 5750.000

Medium: HSL. Medium parameters used: $f = 5750.000$ MHz; $\sigma = 5.12$ S/m; $\epsilon_r = 34.1$

Ambient Temperature: 23.2°C; Liquid Temperature: 22.8°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7630; ConvF(5.31, 5.35, 5.18); Calibrated: 2023-06-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1338; Calibrated: 2024-03-18
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2074
- 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) = 3.75 W/kg; SAR (10g) = 1.07 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;

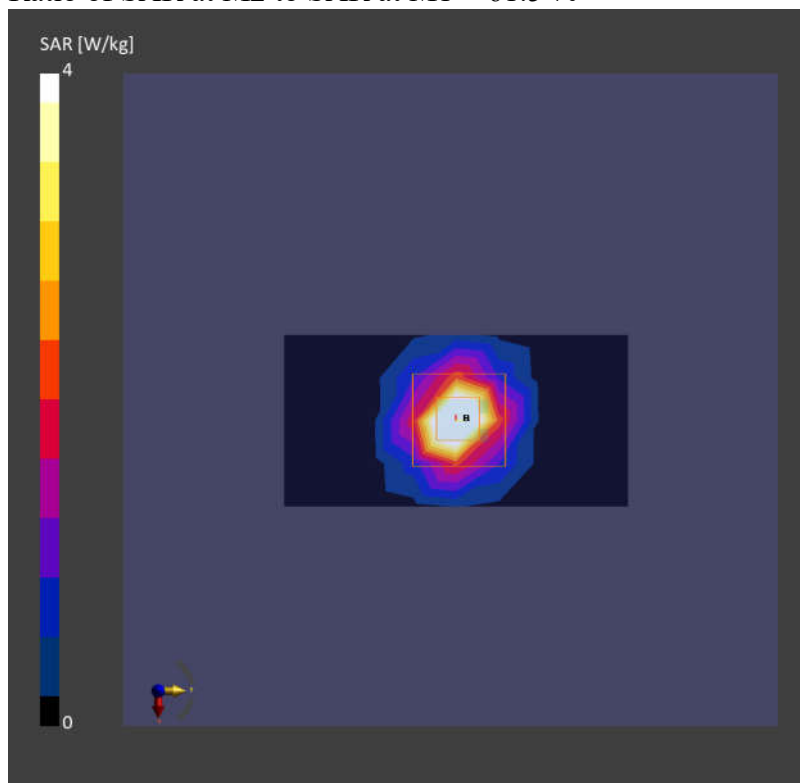
Graded Ratio:1.4

Power Drift = -0.03 dB

SAR (1g) = 4.00 W/kg; SAR (10g) = 1.16 W/kg;

Smallest distance from peaks to all points 3dB below is 7.6 mm

Ratio of SAR at M2 to SAR at M1 = 61.5 %



System Check_Head_6500MHz

DUT:D6.5GHzV2 - SN:1031

Communication System: ; Frequency: 6500.000

Medium: HSL. Medium parameters used: $f = 6500.000$ MHz; $\sigma = 6.06$ S/m; $\epsilon_r = 34.5$

Ambient Temperature: 23.2°C; Liquid Temperature: 22.8°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7630; ConvF(5.52, 5.27, 5.37); Calibrated: 2023-06-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1338; Calibrated: 2024-03-18
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2074
- 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) = 14.6 W/kg; SAR (10g) = 2.71 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

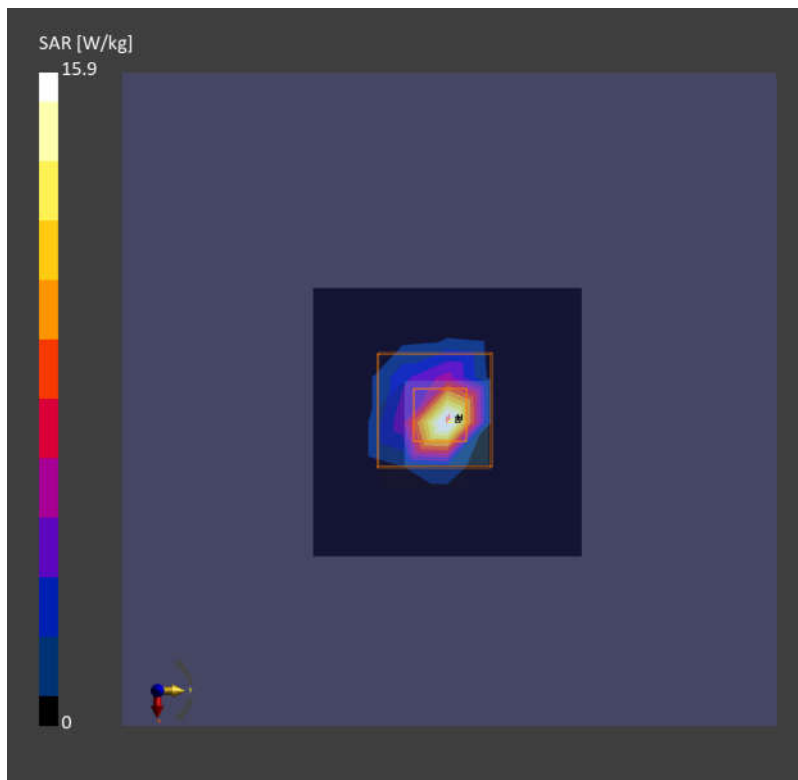
Power Drift = 0.05 dB

SAR (1g) = 15.9 W/kg; SAR (10g) = 2.88 W/kg;

Smallest distance from peaks to all points 3dB below is 5.1 mm

Ratio of SAR at M2 to SAR at M1 = 55.6 %

psAPD (4.0cm², sq) = 62.3[W/m²]



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; $\sigma = 1.82$ S/m; $\epsilon_r = 39.2$

Ambient Temperature: 23.2°C; Liquid Temperature: 22.9°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7630; ConvF(7.32, 7.39, 7.01); Calibrated: 2023-06-02
- 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

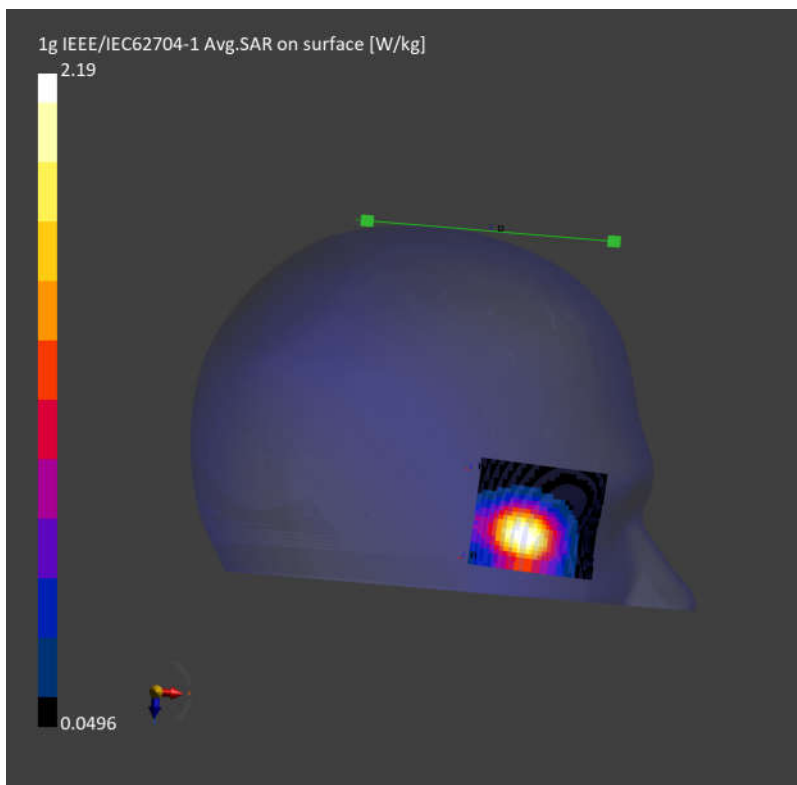
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.5 mm
Graded Ratio:1.5

Power Drift = 0.02 dB

SAR (1g) = 2.63 W/kg; SAR (10g) = 1.21 W/kg

Smallest distance from peaks to all points 3dB below is 9.4 mm

Ratio of SAR at M2 to SAR at M1 = 81.9 %



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; $\sigma = 5.17$ S/m; $\epsilon_r = 34.0$

Ambient Temperature: 23.1°C; Liquid Temperature: 22.8°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7630; ConvF(5.31, 5.35, 5.18); Calibrated: 2023-06-02
- 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

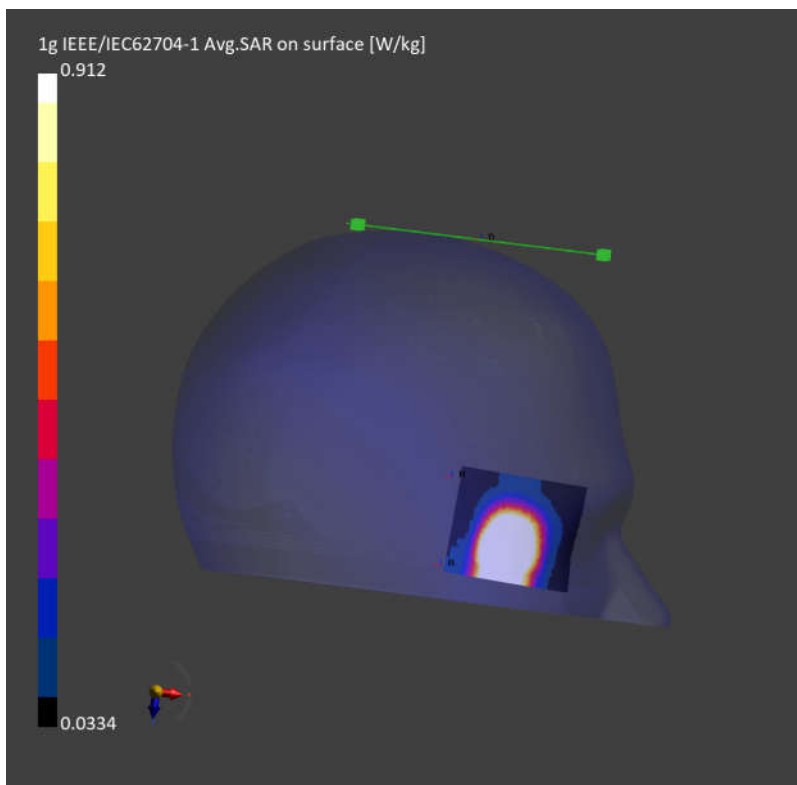
Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm
Graded Ratio:1.4

Power Drift = -0.04 dB

SAR (1g) = 0.912 W/kg; SAR (10g) = 0.328 W/kg

Smallest distance from peaks to all points 3dB below is 6.3 mm

Ratio of SAR at M2 to SAR at M1 = 66.1 %



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; $\sigma = 1.82$ S/m; $\epsilon_r = 39.2$

Ambient Temperature: 23.2°C; Liquid Temperature: 22.9°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7630; ConvF(7.32, 7.39, 7.01); Calibrated: 2023-06-02
- 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

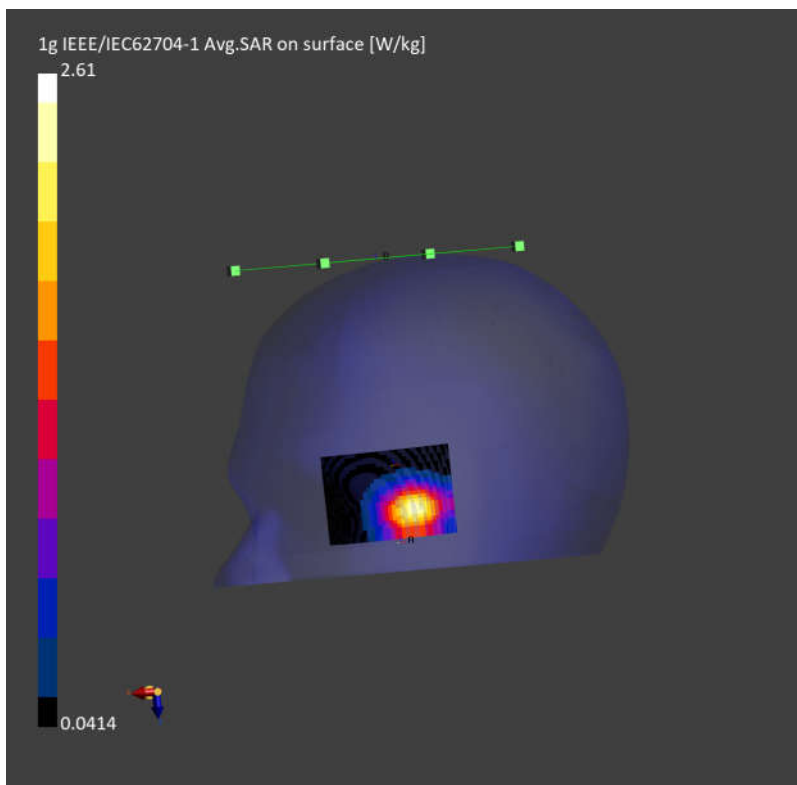
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.5 mm
Graded Ratio:1.5

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 9.1 mm

Ratio of SAR at M2 to SAR at M1 = 81.6 %



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; $\sigma = 5.17$ S/m; $\epsilon_r = 34.0$

Ambient Temperature: 23.1°C; Liquid Temperature: 22.8°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7630; ConvF(5.31, 5.35, 5.18); Calibrated: 2023-06-02
- 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

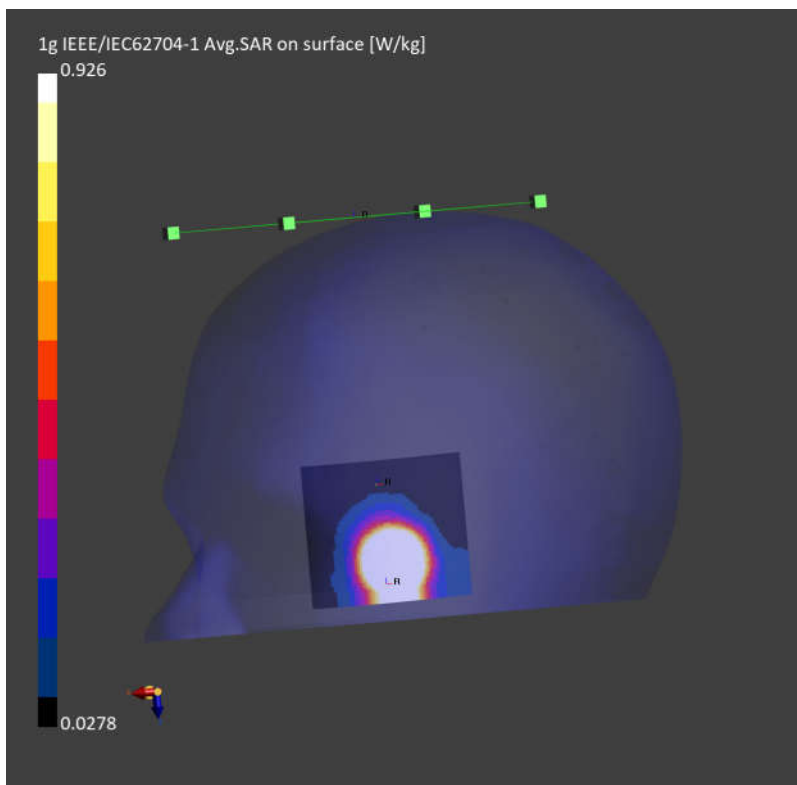
Graded Ratio:1.4

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 6.1 mm

Ratio of SAR at M2 to SAR at M1 = 65.3 %



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 Sn1303, 2023-11-20

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	2024-05-18
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	64.2
psPDtot+ [W/m ²]	64.7
psPDmod+ [W/m ²]	66.8
E _{max} [V/m]	183
Power Drift [dB]	-0.01

