

8. ANNEX A: SYSTEM CHECK RESULTS

Test Laboratory: Audix SAR Lab

Date: 31/03/2018

CW 750

DUT: Dipole 750 MHz D750V3; Type: D750V3; Serial: D750V3 - SN:1159

Communication System: UID 0, CW (0); Communication System Band: D750 (750.0 MHz);

Frequency: 750 MHz; Communication System PAR: 0 dB; Medium parameters used

(interpolated): $f = 750$ MHz; $\sigma = 0.974$ S/m; $\epsilon_r = 55.225$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(9.79, 9.79, 9.79); Calibrated: 07/03/2018;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 08/02/2018
- Phantom: SAM1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CW 835MHz/Area Scan (41x51x1): Interpolated grid: $dx=2.000$ mm, $dy=2.000$ mm

Maximum value of SAR (interpolated) = 3.83 W/kg

Configuration/CW 835MHz/Zoom Scan (7x7x7)/Cube 0: Measurement grid:

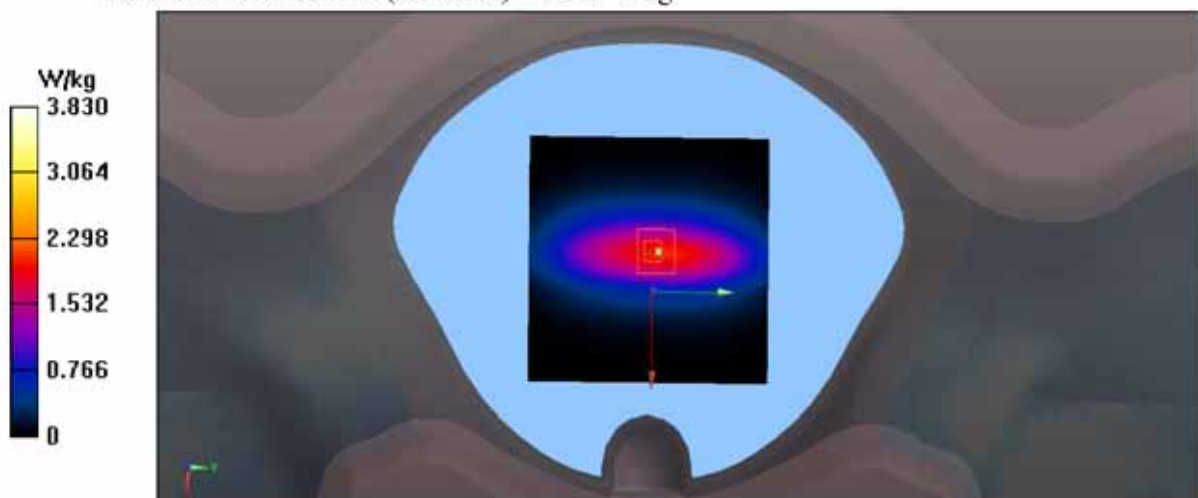
$dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 45.69 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 6.31 W/kg

SAR(1 g) = 2.14 W/kg; SAR(10 g) = 1.29 W/kg

Maximum value of SAR (measured) = 3.833 W/kg



Test Laboratory: Audix SAR Lab

Date: 29/03/2018

CW 900

DUT: Dipole 900 MHz D900V2; Type: D900V2; Serial: D900V2 - SN:1d088

Communication System: UID 0, CW (0); Communication System Band: D900 (900.0 MHz);

Frequency: 900 MHz; Communication System PAR: 0 dB

Medium parameters used: $f = 900 \text{ MHz}$; $\sigma = 1.079 \text{ S/m}$; $\epsilon_r = 55.13$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(9.51, 9.51, 9.51); Calibrated: 07/03/2018;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 08/02/2018
- Phantom: SAM1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CW 900MHz/Area Scan (61x71x1): Interpolated grid: $dx=2.000 \text{ mm}$, $dy=2.000 \text{ mm}$

Maximum value of SAR (interpolated) = 3.781 W/kg

Configuration/CW 900MHz/Zoom Scan (7x7x7)/Cube 0: Measurement grid:

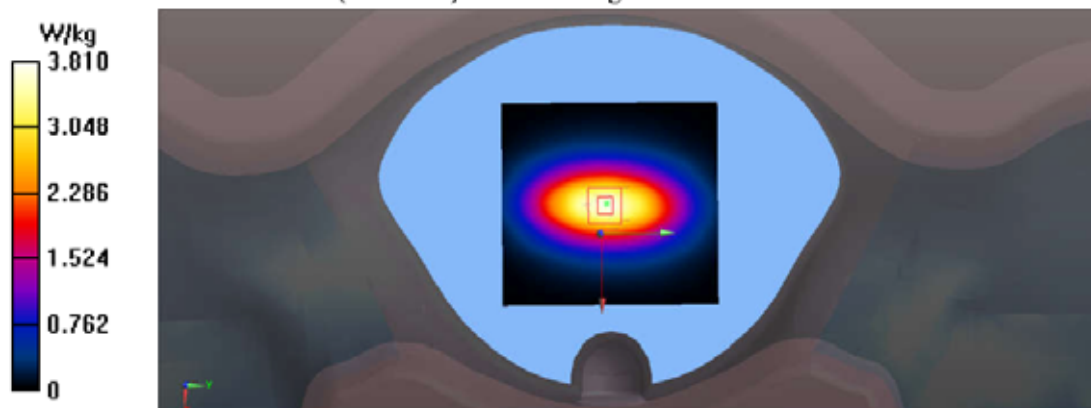
$dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 62.63 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 5.13 W/kg

SAR(1 g) = 2.69 W/kg; SAR(10 g) = 1.68 W/kg

Maximum value of SAR (measured) = 3.810 W/kg



Test Laboratory: Audix SAR Lab

Date: 27/03/2018

CW 1800

DUT: Dipole 1800 MHz D1800V2; Type: D1800V2; Serial: D1800V2 - SN:2d186

Communication System: UID 0, CW (0); Communication System Band: D1800 (1800.0 MHz); Frequency: 1800 MHz; Communication System PAR: 0 dB

Medium parameters used: $f = 1800$ MHz; $\sigma = 1.54$ S/m; $\epsilon_r = 53.271$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(8.19, 8.19, 8.19); Calibrated: 07/03/2018;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 08/02/2018
- Phantom: SAM1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CW 1800MHz/Area Scan (61x71x1): Interpolated grid: dx=2.000 mm, dy=2.000 mm

Maximum value of SAR (interpolated) = 9.541 W/kg

Configuration/CW 1800MHz/Zoom Scan (7x7x7)/Cube 0: Measurement grid:

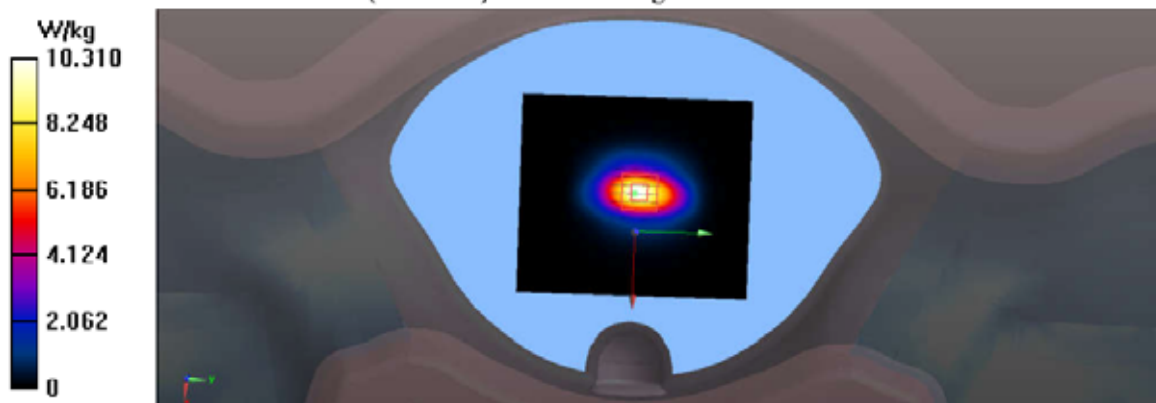
dx=5mm, dy=5mm, dz=5mm

Reference Value = 82.18 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 15.33 W/kg

SAR(1 g) = 9.99 W/kg; SAR(10 g) = 5.29 W/kg

Maximum value of SAR (measured) = 10.310 W/kg



Test Laboratory: Audix SAR Lab

Date: 29/03/2018

CW 2450

DUT: Dipole 2450 MHz D2450V2; Type: D2450V2; Serial: D2450V2 - SN:862

Communication System: UID 0, CW (0); Communication System Band: D2450 (2450.0 MHz); Frequency: 2450 MHz; Communication System PAR: 0 dB

Medium parameters used: $f = 2450$ MHz; $\sigma = 1.949$ S/m; $\epsilon_r = 52.41$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(7.63, 7.63, 7.63); Calibrated: 07/03/2018;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 08/02/2018
- Phantom: SAM1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CW 2450MHz/Area Scan (61x71x1): Interpolated grid: dx=2.000 mm, dy=2.000 mm

Maximum value of SAR (interpolated) = 14.00 W/kg

Configuration/CW 2450MHz/Zoom Scan (7x7x7)/Cube 0: Measurement grid:

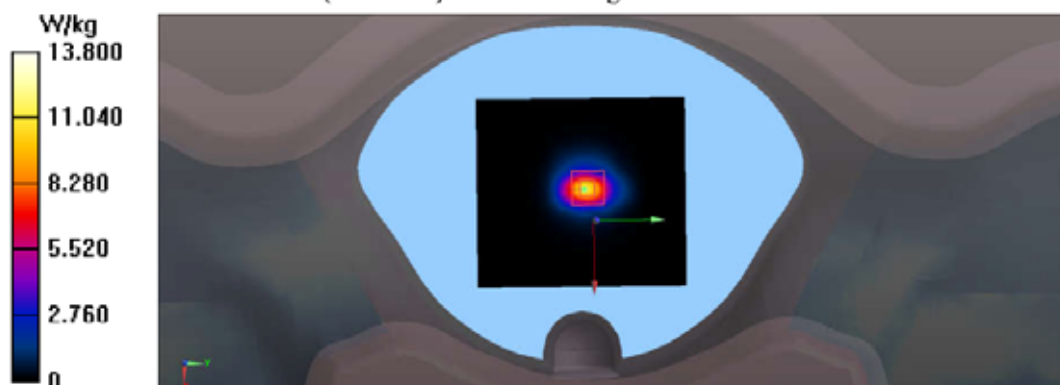
dx=5mm, dy=5mm, dz=5mm

Reference Value = 89.22 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 28.86 W/kg

SAR(1 g) = 12.97 W/kg; SAR(10 g) = 5.94 W/kg

Maximum value of SAR (measured) = 13.798 W/kg



Test Laboratory: Audix SAR Lab

Date: 30/03/2018

CW 2600

DUT: Dipole 2600 MHz D2600V2; Type: D2600V2; Serial: D2600V2 - SN:1123

Communication System: UID 0, CW (0); Communication System Band: D2600 (2600.0 MHz); Frequency: 2600 MHz; Communication System PAR: 0 dB

Medium parameters used: $f = 2600$ MHz; $\sigma = 2.20$ S/m; $\epsilon_r = 52.127$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(7.47, 7.47, 7.47); Calibrated: 07/03/2018;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 08/02/2018
- Phantom: SAM1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CW 2600MHz/Area Scan (61x71x1): Interpolated grid: dx=2.000 mm, dy=2.000 mm

Maximum value of SAR (interpolated) = 16.00 W/kg

Configuration/CW 2600MHz/Zoom Scan (7x7x7)/Cube 0: Measurement grid:

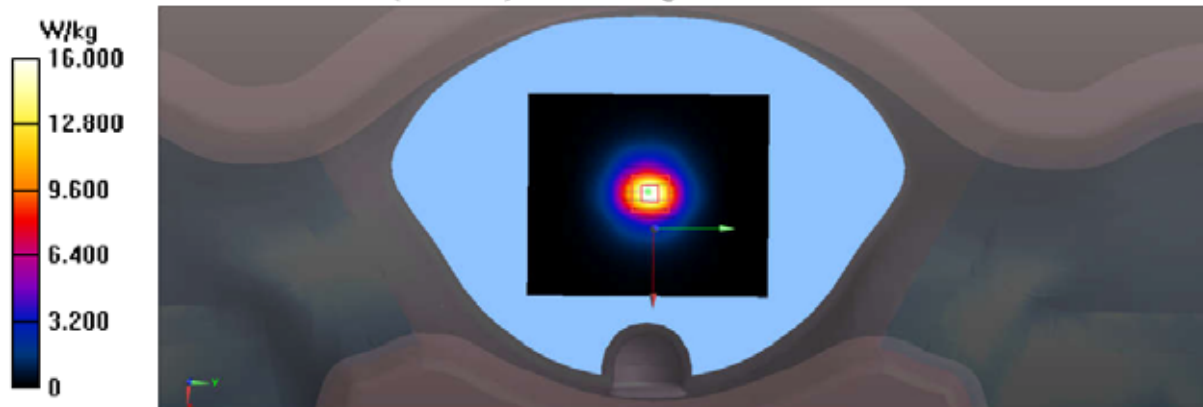
dx=5mm, dy=5mm, dz=5mm

Reference Value = 86.88 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 30.17 W/kg

SAR(1 g) = 13.58 W/kg; SAR(10 g) = 6.14 W/kg

Maximum value of SAR (measured) = 16.00 W/kg



Test Laboratory: Audix SAR Lab

Date: 25/03/2018

CW 5200

DUT: Dipole D5GHzV2; Type: D5GHzV2; Serial: D5GHzV2 - SN:1102

Communication System: UID 0, CW (0); Communication System Band: D5GHz (5000.0 - 6000.0 MHz); Frequency: 5200 MHz; Communication System PAR: 0 dB

Medium parameters used: $f = 5200$ MHz; $\sigma = 5.411$ S/m; $\epsilon_r = 47.601$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(5.26, 5.26, 5.26); Calibrated: 07/03/2018;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 08/02/2018
- Phantom: SAM1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CW 5200MHz/Area Scan (61x71x1): Interpolated grid: dx=2.000 mm, dy=2.000 mm

Maximum value of SAR (interpolated) = 10.130 W/kg

Configuration/CW 5200MHz/Zoom Scan (7x7x7)/Cube 0: Measurement grid:

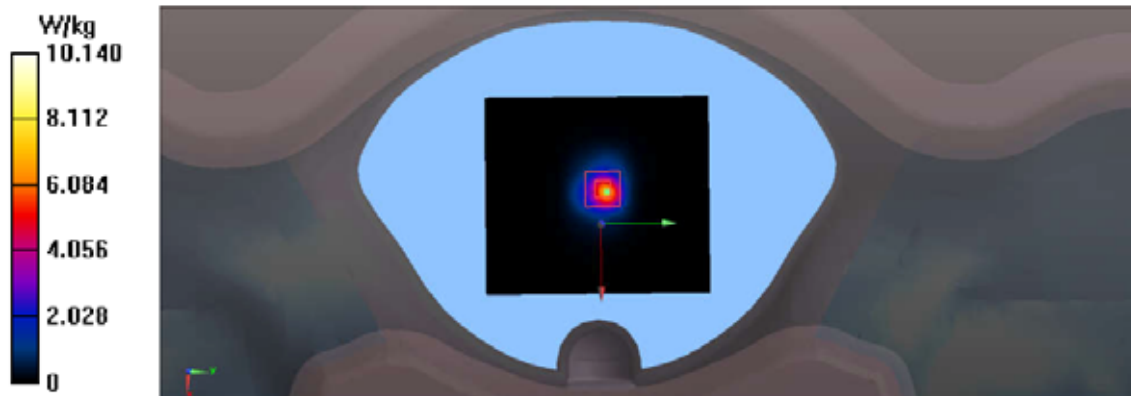
dx=5mm, dy=5mm, dz=5mm

Reference Value = 42.49 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 28.32 W/kg

SAR(1 g) = 7.98 W/kg; SAR(10 g) = 2.33 W/kg

Maximum value of SAR (measured) = 10.140 W/kg



Test Laboratory: Audix SAR Lab

Date: 25/03/2018

CW 5800

DUT: Dipole D5GHzV2; Type: D5GHzV2; Serial: D5GHzV2 - SN:1102

Communication System: UID 0, CW (0); Communication System Band: D5GHz (5000.0 - 6000.0 MHz); Frequency: 5800 MHz; Communication System PAR: 0 dB

Medium parameters used: $f = 5800$ MHz; $\sigma = 5.997$ S/m; $\epsilon_r = 47.87$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(4.42, 4.42, 4.42); Calibrated: 07/03/2018;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 08/02/2018
- Phantom: SAM1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CW 5800MHz/Area Scan (61x71x1): Interpolated grid: dx=2.000 mm, dy=2.000 mm

Maximum value of SAR (interpolated) = 11.01 W/kg

Configuration/CW 5800MHz/Zoom Scan (7x7x7)/Cube 0: Measurement grid:

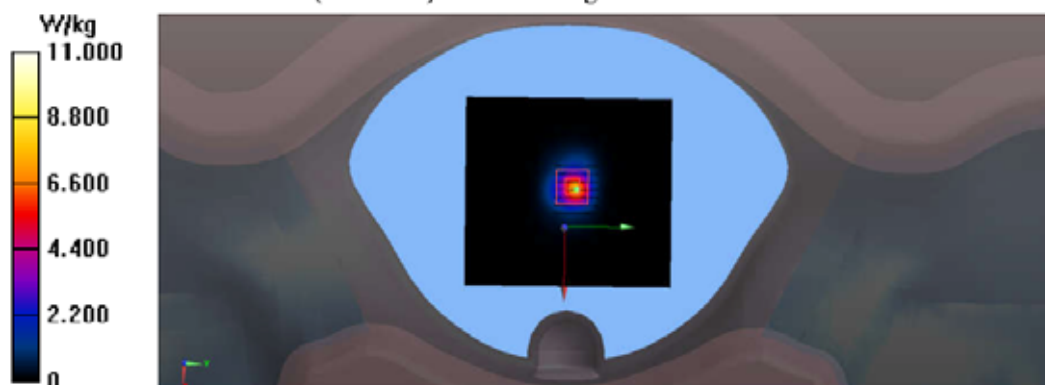
dx=5mm, dy=5mm, dz=5mm

Reference Value = 42.61 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 31.33 W/kg

SAR(1 g) = 8.04 W/kg; SAR(10 g) = 2.16 W/kg

Maximum value of SAR (measured) = 11.00 W/kg



Test Laboratory: Audix SAR Lab

Date: 11/08/2018

CW 750

DUT: Dipole 750 MHz D750V3; Type: D750V3; Serial: D750V3 - SN:1d088

Communication System: UID 0, CW (0); Communication System Band: D750 (750.0 MHz);

Frequency: 750 MHz; Communication System PAR: 0 dB; Medium parameters used

(interpolated): $f = 750 \text{ MHz}$; $\sigma = 0.974 \text{ S/m}$; $\epsilon_r = 55.225$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(9.79, 9.79, 9.79); Calibrated: 07/03/2018;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 08/02/2018
- Phantom: SAM1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CW 835MHz/Area Scan (41x51x1): Interpolated grid: $dx=2.000 \text{ mm}$, $dy=2.000 \text{ mm}$

Maximum value of SAR (interpolated) = 3.55 W/kg

Configuration/CW 835MHz/Zoom Scan (7x7x7)/Cube 0: Measurement grid:

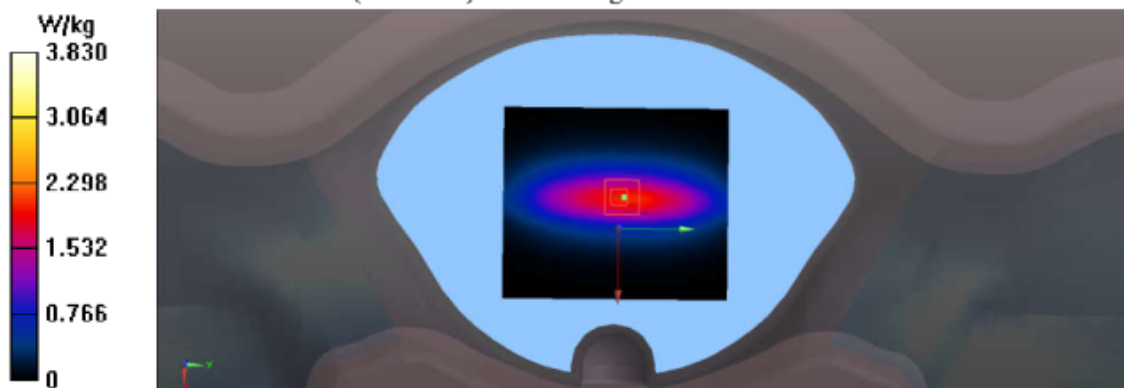
$dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 45.08 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 6.311 W/kg

SAR(1 g) = 2.06 W/kg; SAR(10 g) = 1.33 W/kg

Maximum value of SAR (measured) = 3.83 W/kg



Test Laboratory: Audix SAR Lab

Date: 11/08/2018

CW 900

DUT: Dipole 900 MHz D900V2; Type: D900V2; Serial: D900V2 - SN:1d088

Communication System: UID 0, CW (0); Communication System Band: D900 (900.0 MHz);

Frequency: 900 MHz; Communication System PAR: 0 dB

Medium parameters used: $f = 900 \text{ MHz}$; $\sigma = 1.079 \text{ S/m}$; $\epsilon_r = 55.13$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(9.13, 9.13, 9.13); Calibrated: 07/03/2018;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 08/02/2018
- Phantom: SAM1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CW 900MHz/Area Scan (61x71x1): Interpolated grid: $dx=2.000 \text{ mm}$, $dy=2.000 \text{ mm}$

Maximum value of SAR (interpolated) = 3.70 W/kg

Configuration/CW 900MHz/Zoom Scan (7x7x7)/Cube 0: Measurement grid:

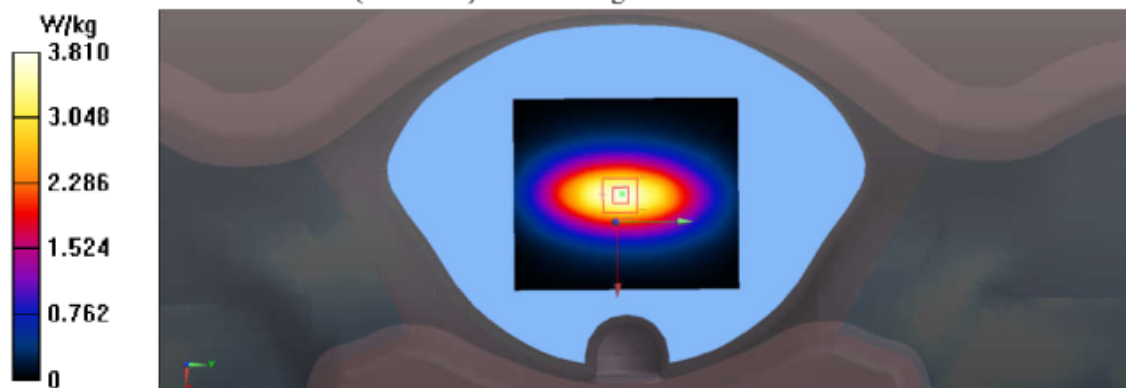
$dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 62.07 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 4.55 W/kg

SAR(1 g) = 2.71 W/kg; SAR(10 g) = 1.66 W/kg

Maximum value of SAR (measured) = 3.81 W/kg



Test Laboratory: Audix SAR Lab

Date: 11/08/2018

CW 1800

DUT: Dipole 1800 MHz D1800V2; Type: D1800V2; Serial: D1800V2 - SN:2d186

Communication System: UID 0, CW (0); Communication System Band: D1800 (1800.0

MHz); Frequency: 1800 MHz; Communication System PAR: 0 dB

Medium parameters used: $f = 1800$ MHz; $\sigma = 1.54$ S/m; $\epsilon_r = 53.271$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(8.2, 8.2, 8.2); Calibrated: 07/03/2018;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 08/02/2018
- Phantom: SAM1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CW 1800MHz/Area Scan (61x71x1): Interpolated grid: dx=2.000

mm, dy=2.000 mm

Maximum value of SAR (interpolated) = 9.540 W/kg

Configuration/CW 1800MHz/Zoom Scan (7x7x7)/Cube 0: Measurement grid:

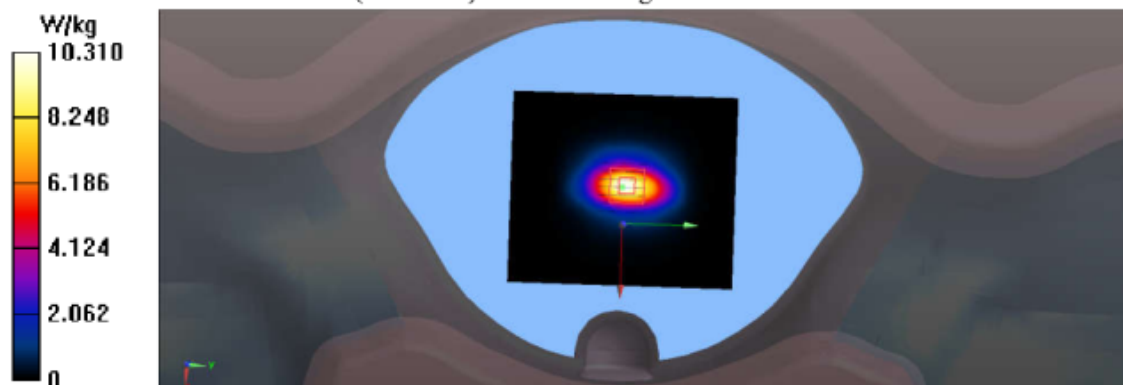
dx=5mm, dy=5mm, dz=5mm

Reference Value = 82.79 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 15.41 W/kg

SAR(1 g) = 8.82 W/kg; SAR(10 g) = 4.81 W/kg

Maximum value of SAR (measured) = 10.310 W/kg



Test Laboratory: Audix SAR Lab

Date: 11/08/2018

CW 2450

DUT: Dipole 2450 MHz D2450V2; Type: D2450V2; Serial: D2450V2 - SN:862

Communication System: UID 0, CW (0); Communication System Band: D2450 (2450.0

MHz); Frequency: 2450 MHz; Communication System PAR: 0 dB

Medium parameters used: $f = 2450$ MHz; $\sigma = 1.949$ S/m; $\epsilon_r = 52.41$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(7.18, 7.18, 7.18); Calibrated: 07/03/2018;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 08/02/2018
- Phantom: SAM1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CW 2450MHz/Area Scan (61x71x1): Interpolated grid: dx=2.000 mm, dy=2.000 mm

Maximum value of SAR (interpolated) = 14.50 W/kg

Configuration/CW 2450MHz/Zoom Scan (7x7x7)/Cube 0: Measurement grid:

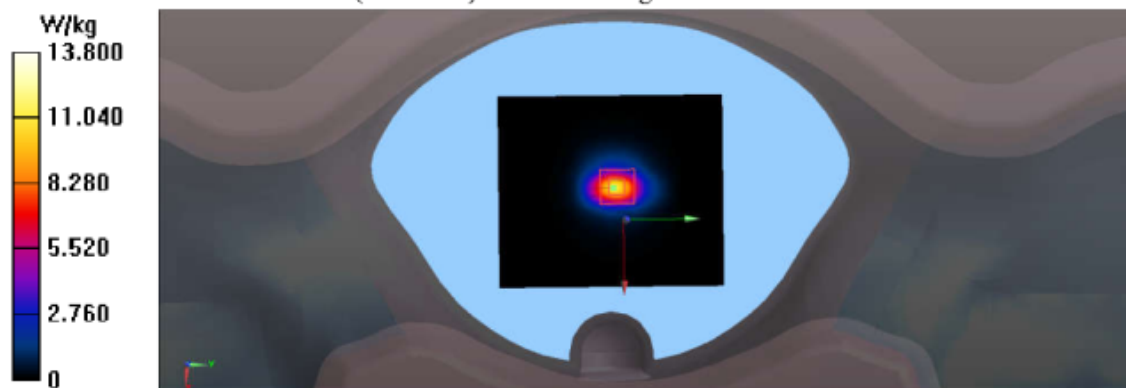
dx=5mm, dy=5mm, dz=5mm

Reference Value = 89.33 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 27.11 W/kg

SAR(1 g) = 12.65 W/kg; SAR(10 g) = 5.94 W/kg

Maximum value of SAR (measured) = 13.801 W/kg



Test Laboratory: Audix SAR Lab

Date: 11/08/2018

CW 2600

DUT: Dipole 2600 MHz D2600V2; Type: D2600V2; Serial: D2600V2 - SN:1123

Communication System: UID 0, CW (0); Communication System Band: D2600 (2600.0

MHz); Frequency: 2600 MHz; Communication System PAR: 0 dB

Medium parameters used: $f = 2600$ MHz, $\sigma = 2.20$ S/m; $\epsilon_r = 52.127$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(7.02, 7.02, 7.02); Calibrated: 07/03/2018;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 08/02/2018
- Phantom: SAM1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CW 2600MHz/Area Scan (61x71x1): Interpolated grid: dx=2.000 mm, dy=2.000 mm

Maximum value of SAR (interpolated) = 17.710 W/kg

Configuration/CW 2600MHz/Zoom Scan (7x7x7)/Cube 0: Measurement grid:

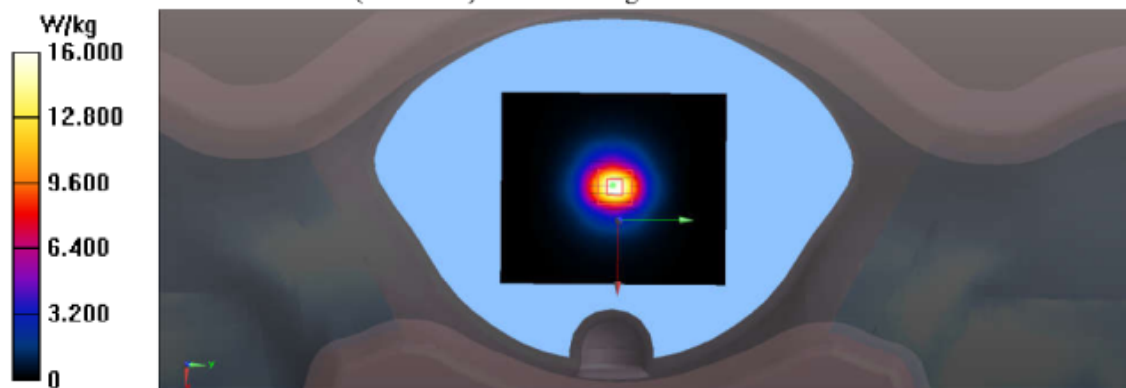
dx=5mm, dy=5mm, dz=5mm

Reference Value = 86.99 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 30.17 W/kg

SAR(1 g) = 14.25 W/kg; SAR(10 g) = 6.49 W/kg

Maximum value of SAR (measured) = 16.01 W/kg



Test Laboratory: Audix SAR Lab

Date: 11/08/2018

CW 5250

DUT: Dipole D5GHzV2; Type: D5GHzV2; Serial: D5GHzV2 - SN:1102

Communication System: UID 0, CW (0); Communication System Band: D5GHz (5000.0 - 6000.0 MHz); Frequency: 5250 MHz; Communication System PAR: 0 dB

Medium parameters used: $f = 5250$ MHz; $\sigma = 5.411$ S/m; $\epsilon_r = 47.601$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(5.44, 5.44, 5.44); Calibrated: 07/03/2018;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 08/02/2018
- Phantom: SAM1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CW 5250MHz/Area Scan (61x71x1): Interpolated grid: dx=2.000 mm, dy=2.000 mm

Maximum value of SAR (interpolated) = 9.650 W/kg

Configuration/CW 5250MHz/Zoom Scan (7x7x7)/Cube 0: Measurement grid:

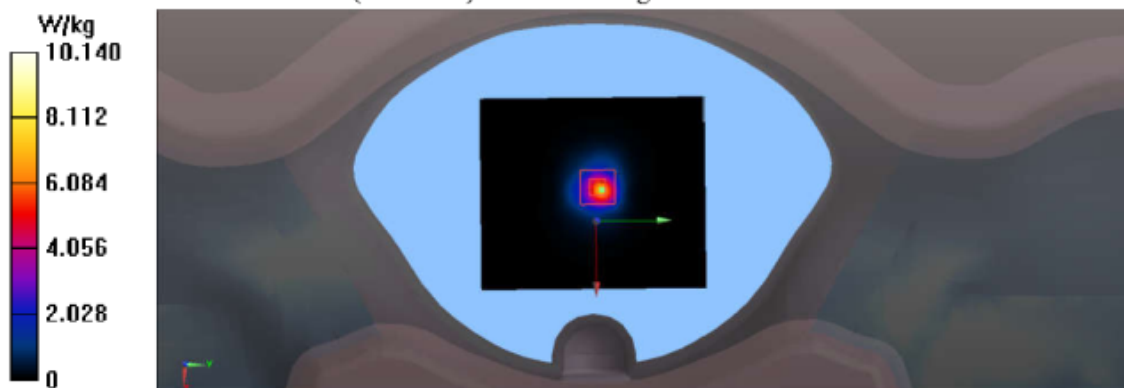
dx=5mm, dy=5mm, dz=5mm

Reference Value = 42.77 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 28.30 W/kg

SAR(1 g) = 18.55 W/kg; SAR(10 g) = 5.49 W/kg

Maximum value of SAR (measured) = 10.142 W/kg



Test Laboratory: Audix SAR Lab

Date: 11/08/2018

CW 5800

DUT: Dipole D5GHzV2; Type: D5GHzV2; Serial: D5GHzV2 - SN:1102

Communication System: UID 0, CW (0); Communication System Band: D5GHz (5000.0

- 6000.0 MHz); Frequency: 5800 MHz; Communication System PAR: 0 dB

Medium parameters used: $f = 5800$ MHz; $\sigma = 5.997$ S/m; $\epsilon_r = 47.87$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(4.42, 4.42, 4.42); Calibrated: 07/03/2018;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 08/02/2018
- Phantom: SAM1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CW 5800MHz/Area Scan (61x71x1): Interpolated grid: dx=2.000 mm, dy=2.000 mm

Maximum value of SAR (interpolated) = 7.67 W/kg

Configuration/CW 5800MHz/Zoom Scan (7x7x7)/Cube 0: Measurement grid:

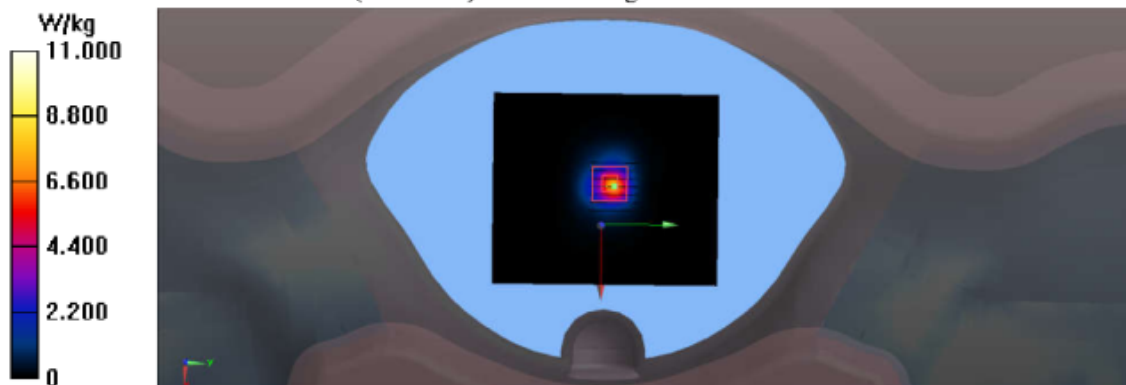
dx=5mm, dy=5mm, dz=5mm

Reference Value = 42.65 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 31.38 W/kg

SAR(1 g) = 18.28 W/kg; SAR(10 g) = 5.13 W/kg

Maximum value of SAR (measured) = 11.01 W/kg



9. ANNEX B: GRAPH RESULTS WITH BANDS OF WATCH

WIFI 2.4GHz:

Test Laboratory: Audix SAR Lab

Date: 29/03/2018

CH11(2462MHz Front)

DUT: Gemini; M/N: Gemini 4G

Communication System: UID 0, IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps) (0);

Communication System Band: ISM 2.4GHz Band (2400.0-2483.5MHz); Frequency: 2462

MHz; Communication System PAR: 0 dB

Medium parameters used: $f = 2462$ MHz; $\sigma = 2.01$ S/m; $\epsilon_r = 56.306$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(7.63, 7.63, 7.63); Calibrated: 07/03/2018;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 08/02/2018
- Phantom: SAM1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH11(2462MHz Front)/Area Scan (61x81x1): Interpolated grid:

$dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 1.36 W/kg

Configuration/CH11(2462MHz Front)/Zoom Scan (5x5x7)/Cube 0:

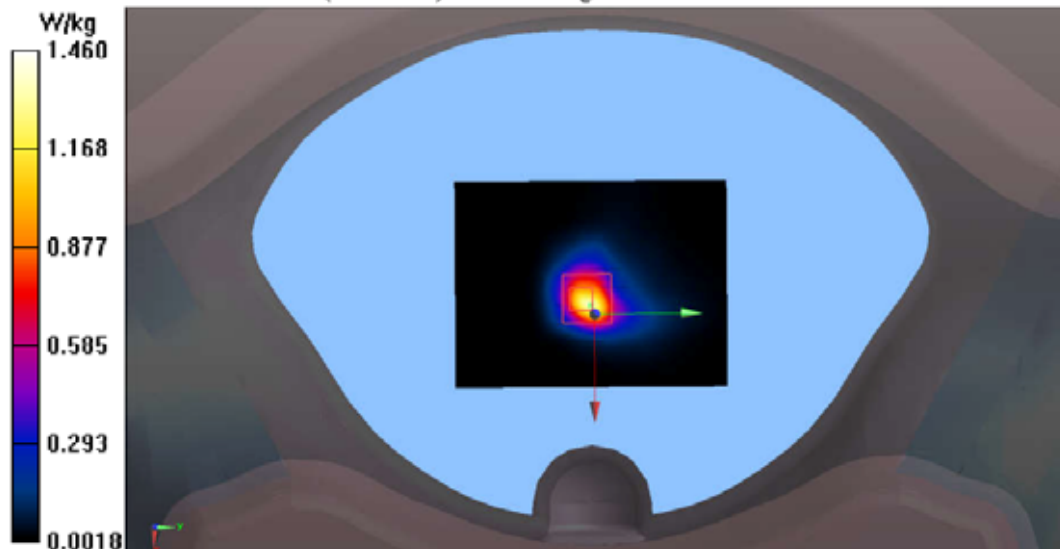
Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 18.51 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 5.64 W/kg

SAR(1 g) = 0.644 W/kg; SAR(10 g) = 0.496 W/kg

Maximum value of SAR (measured) = 1.46 W/kg



Test Laboratory: Audix SAR Lab

Date: 29/03/2018

CH11(2462MHz Left)

DUT: Gemini; M/N: Gemini 4G

Communication System: UID 0, IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps) (0);

Communication System Band: ISM 2.4GHz Band (2400.0-2483.5MHz); Frequency: 2462

MHz; Communication System PAR: 0 dB

Medium parameters used: $f = 2462$ MHz; $\sigma = 2.01$ S/m; $\epsilon_r = 56.306$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(7.63, 7.63, 7.63); Calibrated: 07/03/2018;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 08/02/2018
- Phantom: SAM1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH11(2462MHz Left)/Area Scan (61x81x1): Interpolated grid:

$dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.156 W/kg

Configuration/CH11(2462MHz Left)/Zoom Scan (5x5x7)/Cube 0: Measurement

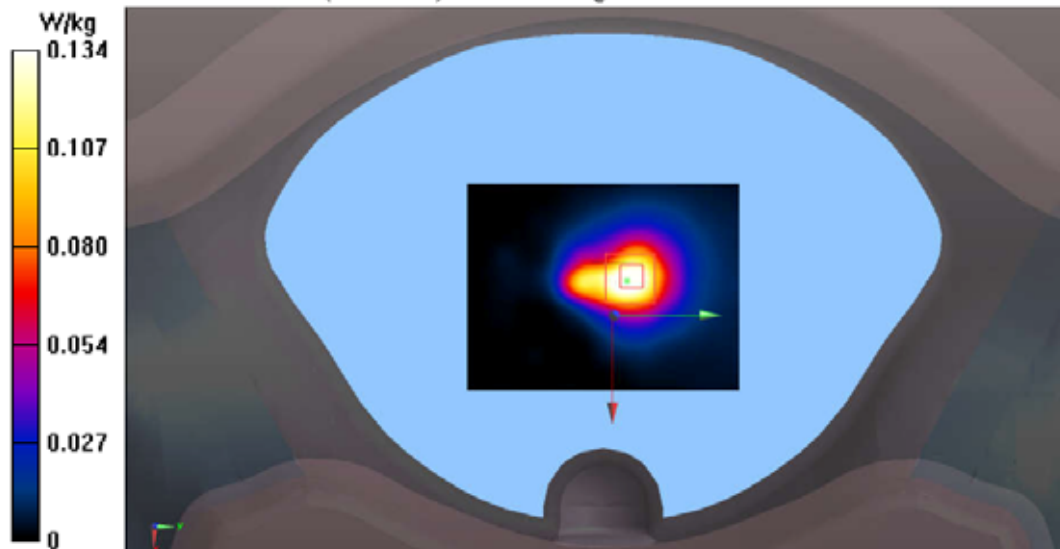
grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 7.670 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.364 W/kg

SAR(1 g) = 0.126 W/kg; SAR(10 g) = 0.059 W/kg

Maximum value of SAR (measured) = 0.134 W/kg



Test Laboratory: Audix SAR Lab

Date: 29/03/2018

CH11(2462MHz Top)

DUT: Gemini; M/N: Gemini 4G

Communication System: UID 0, IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps) (0);

Communication System Band: ISM 2.4GHz Band (2400.0-2483.5MHz); Frequency: 2462

MHz; Communication System PAR: 0 dB

Medium parameters used: $f = 2462$ MHz; $\sigma = 2.01$ S/m; $\epsilon_r = 56.306$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(7.63, 7.63, 7.63); Calibrated: 07/03/2018;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 08/02/2018
- Phantom: SAM1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH11(2462MHz Top)/Area Scan (61x81x1): Interpolated grid:

dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.484 W/kg

Configuration/CH11(2462MHz Top)/Zoom Scan (5x5x7)/Cube 0: Measurement

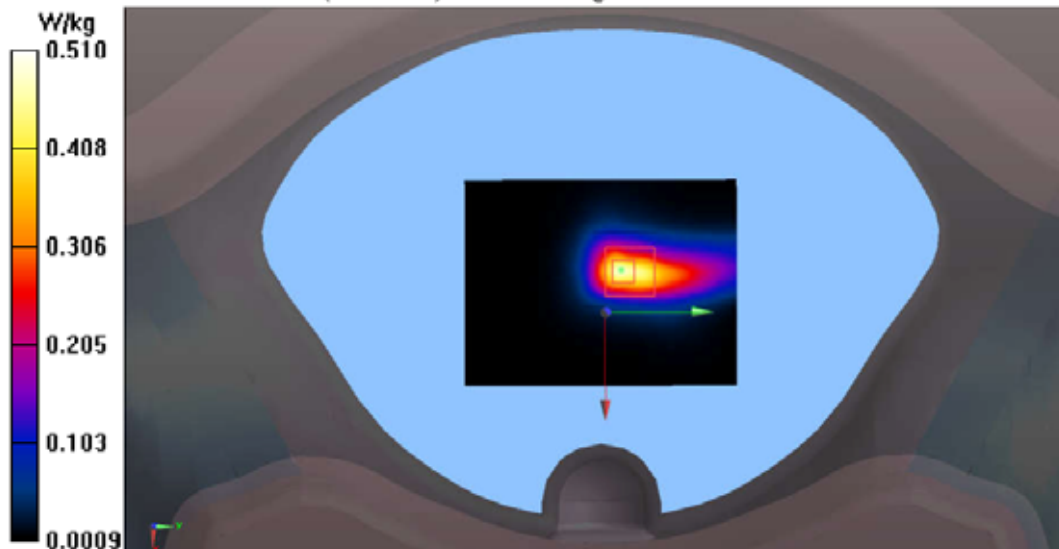
grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.34 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 1.10 W/kg

SAR(1 g) = 0.441 W/kg; SAR(10 g) = 0.187 W/kg

Maximum value of SAR (measured) = 0.510 W/kg



Test Laboratory: Audix SAR Lab

Date: 29/03/2018

Head 15 Degree Left CH11(2462MHz)

DUT: Gemini; M/N: Gemini 4G

Communication System: UID 0, IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps) (0);

Communication System Band: ISM 2.4GHz Band (2400.0-2483.5MHz); Frequency: 2462

MHz; Communication System PAR: 0 dB

Medium parameters used: $f = 2462$ MHz; $\sigma = 2.01$ S/m; $\epsilon_r = 56.306$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(7.63, 7.63, 7.63); Calibrated: 07/03/2018;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 08/02/2018
- Phantom: SAM1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Head 15 Degree Left CH11(2462MHz)/Area Scan (101x51x1):

Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.149 W/kg

Configuration/Head 15 Degree Left CH11(2462MHz)/Zoom Scan

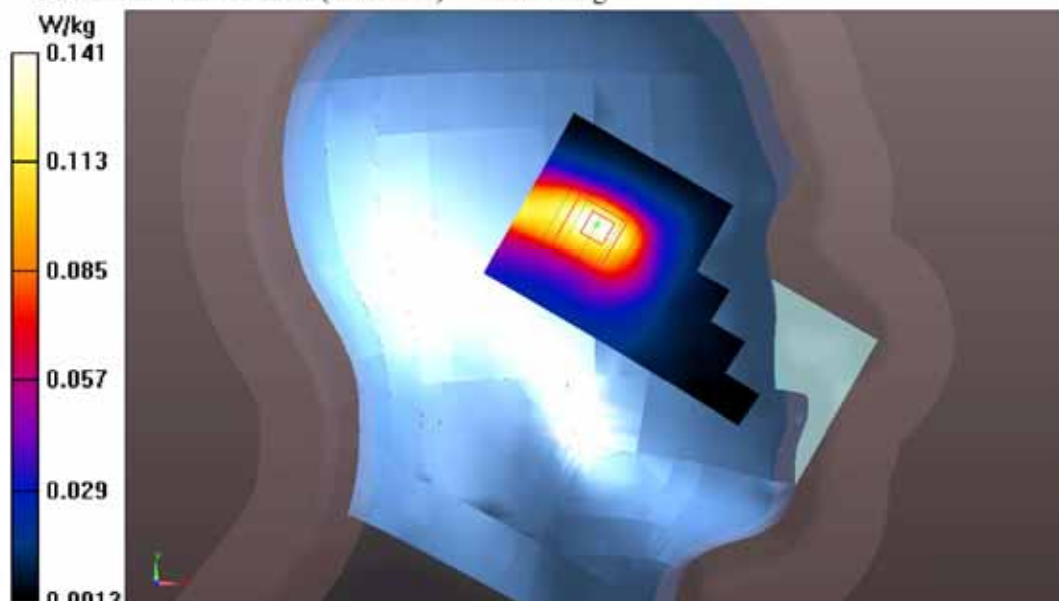
(5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 6.321 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.264 W/kg

SAR(1 g) = 0.121 W/kg; SAR(10 g) = 0.060 W/kg

Maximum value of SAR (measured) = 0.141 W/kg



Test Laboratory: Audix SAR Lab

Date: 29/03/2018

Head 15 Degree Right CH11(2462MHz)

DUT: Gemini; M/N: Gemini 4G

Communication System: UID 0, IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps) (0);

Communication System Band: ISM 2.4GHz Band (2400.0-2483.5MHz); Frequency: 2462

MHz; Communication System PAR: 0 dB

Medium parameters used: $f = 2462$ MHz; $\sigma = 2.01$ S/m; $\epsilon_r = 56.306$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(7.63, 7.63, 7.63); Calibrated: 07/03/2018;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 08/02/2018
- Phantom: SAM1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Head 15 Degree Right CH11(2462MHz)/Area Scan (101x51x1):

Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.0652 W/kg

Configuration/Head 15 Degree Right CH11(2462MHz)/Zoom Scan

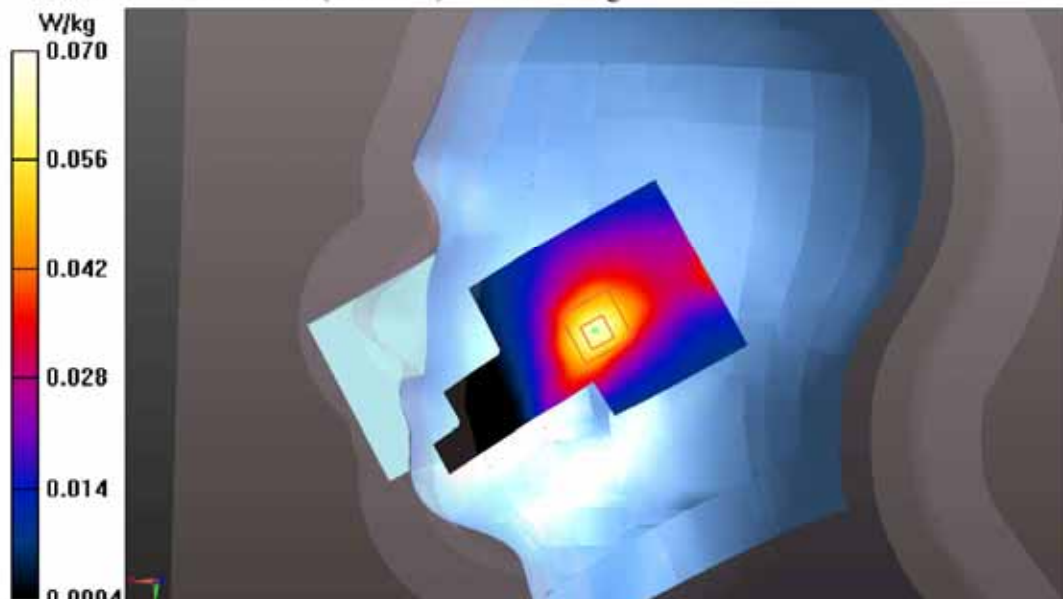
(5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 2.949 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.127 W/kg

SAR(1 g) = 0.064 W/kg; SAR(10 g) = 0.034 W/kg

Maximum value of SAR (measured) = 0.0697 W/kg



Test Laboratory: Audix SAR Lab

Date: 29/03/2018

Head Touch Left CH11(2462MHz)

DUT: Gemini; M/N: Gemini 4G

Communication System: UID 0, IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps) (0);

Communication System Band: ISM 2.4GHz Band (2400.0-2483.5MHz); Frequency: 2462

MHz; Communication System PAR: 0 dB

Medium parameters used: $f = 2462$ MHz; $\sigma = 2.01$ S/m; $\epsilon_r = 56.306$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(7.63, 7.63, 7.63); Calibrated: 07/03/2018;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 08/02/2018
- Phantom: SAM1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Head Touch Left CH11(2462MHz)/Area Scan (101x51x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.136 W/kg

Configuration/Head Touch Left CH11(2462MHz)/Zoom Scan (5x5x7)/Cube 0:

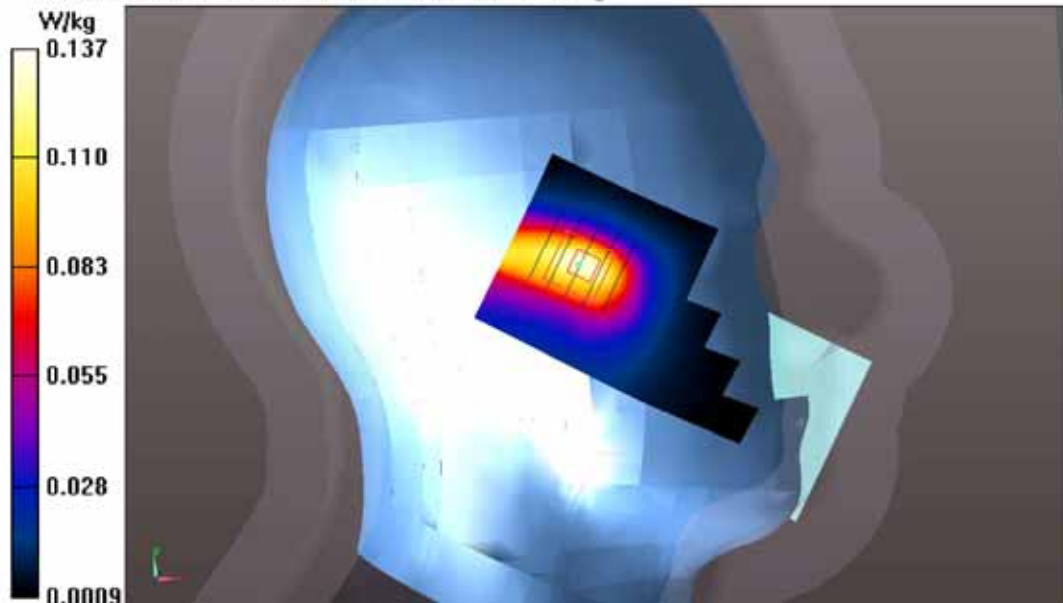
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.308 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.261 W/kg

SAR(1 g) = 0.125 W/kg; SAR(10 g) = 0.064 W/kg

Maximum value of SAR (measured) = 0.137 W/kg



Test Laboratory: Audix SAR Lab

Date: 29/03/2018

Head Touch Right CH11(2462MHz)

DUT: Gemini; M/N: Gemini 4G

Communication System: UID 0, IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps) (0);

Communication System Band: ISM 2.4GHz Band (2400.0-2483.5MHz); Frequency: 2462

MHz; Communication System PAR: 0 dB

Medium parameters used: $f = 2462$ MHz; $\sigma = 2.01$ S/m; $\epsilon_r = 56.306$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(7.63, 7.63, 7.63); Calibrated: 07/03/2018;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 08/02/2018
- Phantom: SAM1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Head Touch Right CH11(2462MHz)/Area Scan (101x51x1):

Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.0819 W/kg

Configuration/Head Touch Right CH11(2462MHz)/Zoom Scan (5x5x7)/Cube

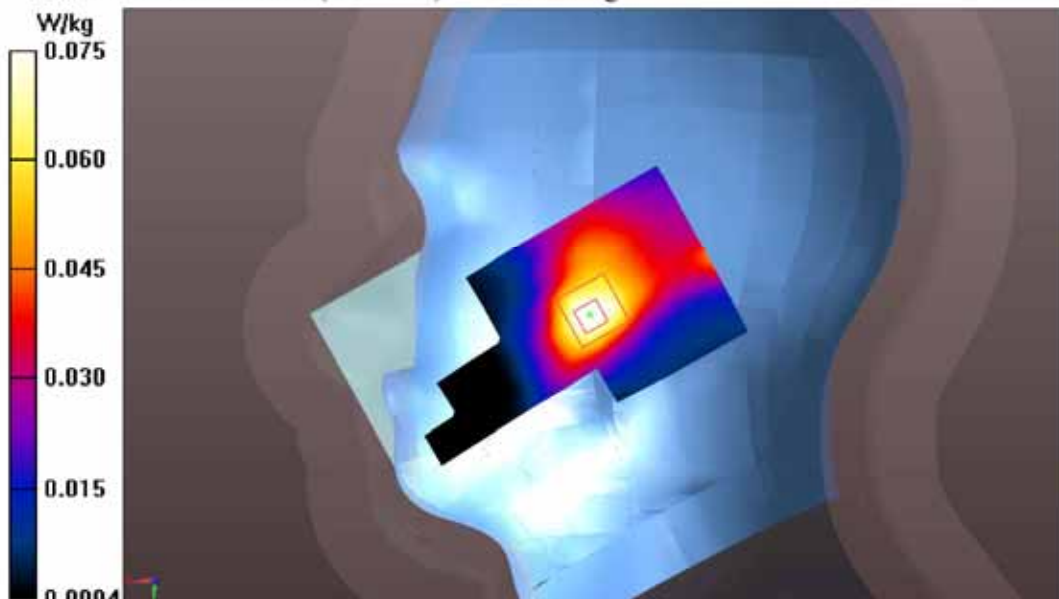
0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 3.641 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.133 W/kg

SAR(1 g) = 0.068 W/kg; SAR(10 g) = 0.036 W/kg

Maximum value of SAR (measured) = 0.0747 W/kg



Test Laboratory: Audix SAR Lab

Date: 11/08/2018

Head Touch Left CH11(2462MHz)

DUT: Gemini; M/N: Gemini 4G

Communication System: UID 0, IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps) (0);

Communication System Band: ISM 2.4GHz Band (2400.0-2483.5MHz); Frequency: 2462

MHz; Communication System PAR: 0 dB

Medium parameters used: $f = 2462$ MHz; $\sigma = 2.01$ S/m; $\epsilon_r = 56.306$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(7.63, 7.63, 7.63); Calibrated: 07/03/2018;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 08/02/2018
- Phantom: SAM1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Head Touch Left CH11(2462MHz)/Area Scan (101x51x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.478 W/kg

Configuration/Head Touch Left CH11(2462MHz)/Zoom Scan (5x5x7)/Cube 0:

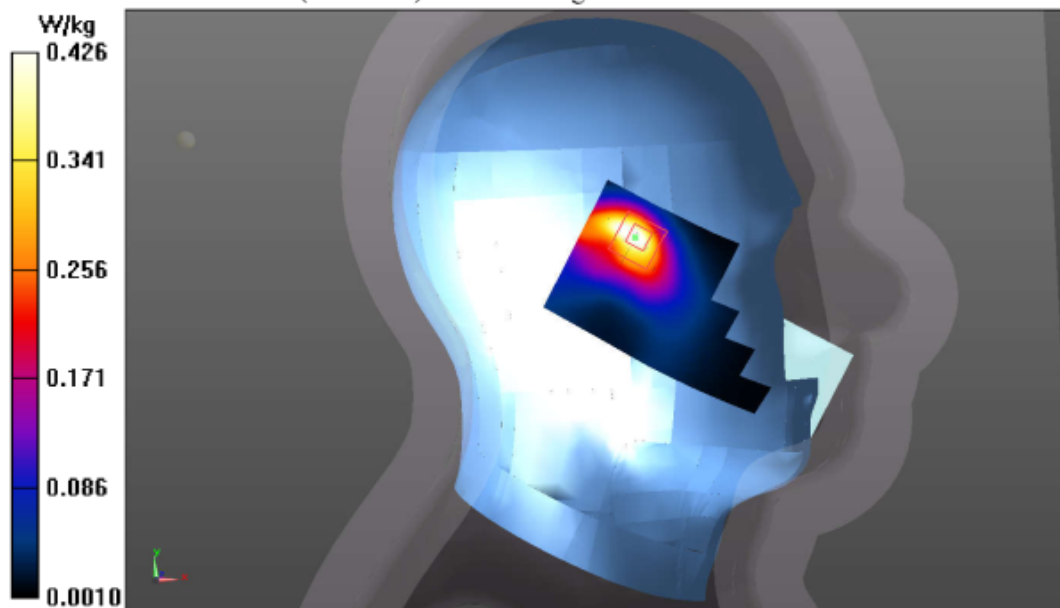
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.288 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.917 W/kg

SAR(1 g) = 0.108 W/kg; SAR(10 g) = 0.054 W/kg

Maximu value of SAR (measured) = 0.426 W/kg



Test Laboratory: Audix SAR Lab

Date: 11/08/2018

Head Touch Right CH11(2462MHz)

DUT: Gemini; M/N: Gemini 4G

Communication System: UID 0, IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps) (0);

Communication System Band: ISM 2.4GHz Band (2400.0-2483.5MHz); Frequency: 2462

MHz; Communication System PAR: 0 dB

Medium parameters used: $f = 2462$ MHz; $\sigma = 2.01$ S/m; $\epsilon_r = 56.306$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(7.63, 7.63, 7.63); Calibrated: 07/03/2018;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 08/02/2018
- Phantom: SAM1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Head Touch Right CH11(2462MHz)/Area Scan (101x51x1):

Interpolated grid: $dx = 1.500$ mm, $dy = 1.500$ mm

Maximum value of SAR (interpolated) = 0.164 W/kg

Configuration/Head Touch Right CH11(2462MHz)/Zoom Scan (5x5x7)/Cube

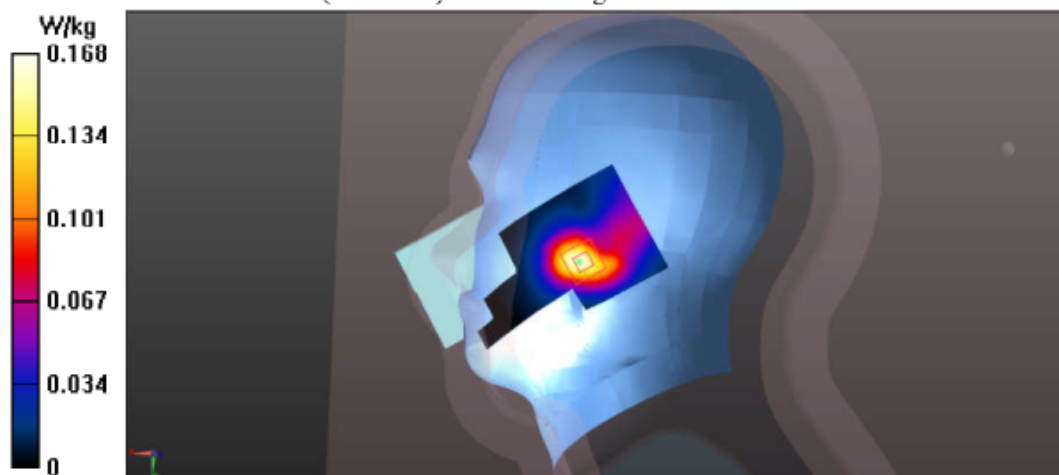
0: Measurement grid: $dx = 8$ mm, $dy = 8$ mm, $dz = 5$ mm

Reference Value = 4.784 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.323 W/kg

SAR(1 g) = 0.053 W/kg; SAR(10 g) = 0.026 W/kg

Maximum value of SAR (measured) = 0.168 W/kg



WIFI 5GHz:

Test Laboratory: Audix SAR Lab

Date: 25/03/2018

CH40(5200MHz Front)

DUT: Gemini; M/N: Gemini 4G

Communication System: UID 0, IEEE 802.11a WiFi 5.2GHz (0); Communication System Band: IEEE 802.11a WiFi 5.2GHz; Frequency: 5200 MHz; Communication System PAR: 0 dB

Medium parameters used: $f = 5200$ MHz; $\sigma = 5.3$ S/m; $\epsilon_r = 47.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(5.26, 5.26, 5.26); Calibrated: 07/03/2018;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 08/02/2018
- Phantom: SAM1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH40(5200MHz Front)/Area Scan (61x81x1): Interpolated grid:

$dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 1.06 W/kg

Configuration/CH40(5200MHz Front)/Zoom Scan (5x5x7)/Cube 0:

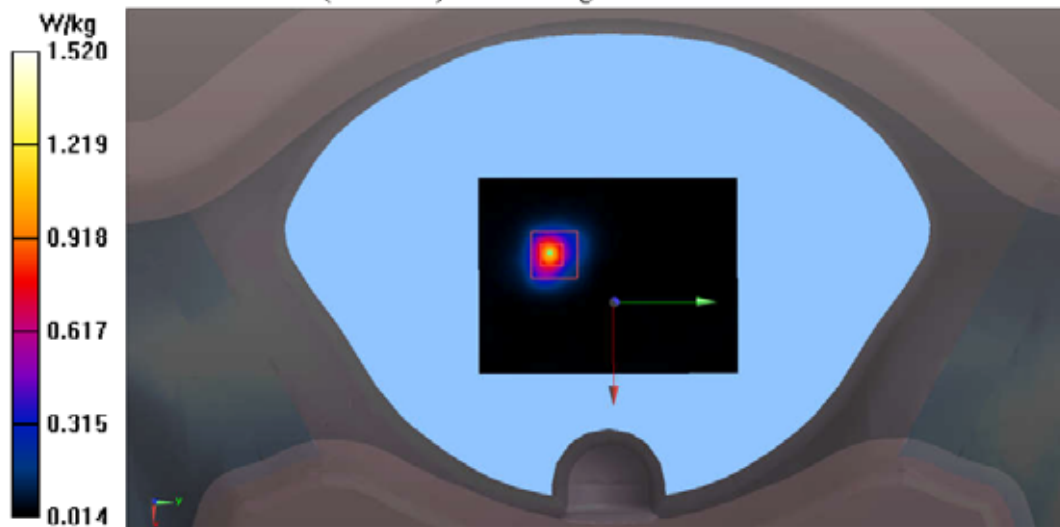
Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 2.485 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 3.15 W/kg

SAR(1 g) = 0.603 W/kg; SAR(10 g) = 0.301 W/kg

Maximum value of SAR (measured) = 1.52 W/kg



Test Laboratory: Audix SAR Lab

Date: 25/03/2018

CH40(5200MHz Left)

DUT: Gemini; M/N: Gemini 4G

Communication System: UID 0, IEEE 802.11a WiFi 5.2GHz (0); Communication System Band: IEEE 802.11a WiFi 5.2GHz; Frequency: 5200 MHz; Communication System PAR: 0 dB

Medium parameters used: $f = 5200 \text{ MHz}$; $\sigma = 5.3 \text{ S/m}$; $\epsilon_r = 47.4$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(5.26, 5.26, 5.26); Calibrated: 07/03/2018;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 08/02/2018
- Phantom: SAM1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH40(5200MHz Left)/Area Scan (61x81x1): Interpolated grid:

$dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.893 W/kg

Configuration/CH40(5200MHz Left)/Zoom Scan (5x5x7)/Cube 0: Measurement

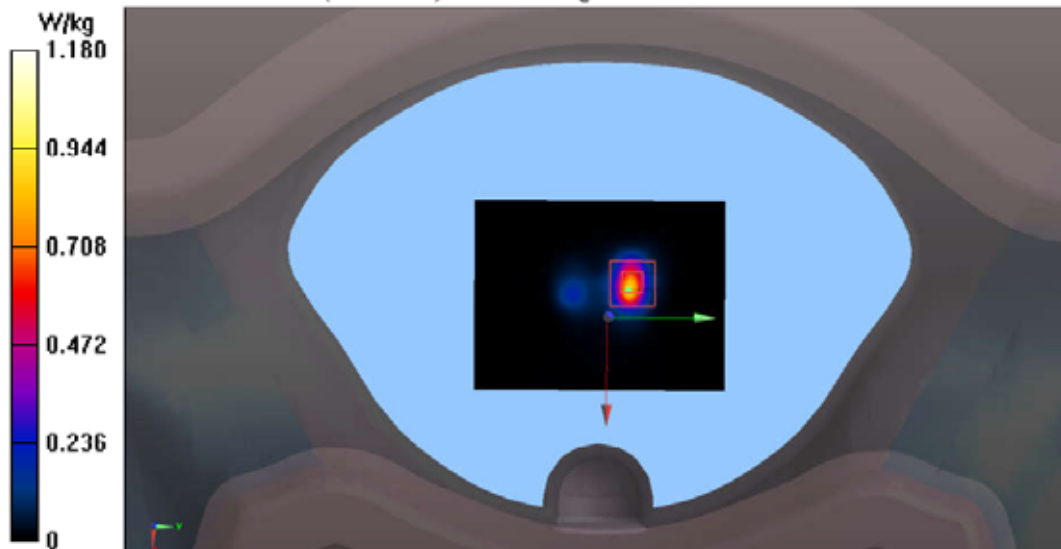
grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 5.701 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 2.92 W/kg

SAR(1 g) = 0.730 W/kg; SAR(10 g) = 0.248 W/kg

Maximum value of SAR (measured) = 1.18 W/kg



Test Laboratory: Audix SAR Lab

Date: 25/03/2018

CH40(5200MHz Top)

DUT: Gemini; M/N: Gemini 4G

Communication System: UID 0, IEEE 802.11a WiFi 5.2GHz (0); Communication System
Band: IEEE 802.11a WiFi 5.2GHz; Frequency: 5200 MHz; Communication System PAR: 0
dB

Medium parameters used: $f = 5200 \text{ MHz}$; $\sigma = 5.3 \text{ S/m}$; $\epsilon_r = 47.4$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(5.26, 5.26, 5.26); Calibrated: 07/03/2018;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 08/02/2018
- Phantom: SAM1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH40(5200MHz Top)/Area Scan (61x81x1): Interpolated grid:

$dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.271 W/kg

Configuration/CH40(5200MHz Top)/Zoom Scan (5x5x7)/Cube 0: Measurement

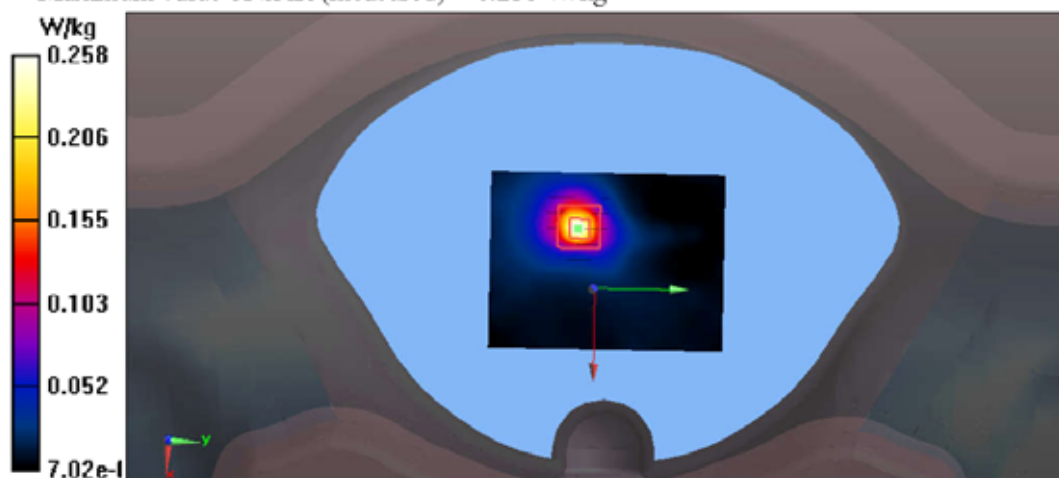
grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 5.087 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.644 W/kg

SAR(1 g) = 0.211 W/kg; SAR(10 g) = 0.075 W/kg

Maximum value of SAR (measured) = 0.258 W/kg



Test Laboratory: Audix SAR Lab

Date: 25/03/2018

Head 15 Degree Left CH40(5200MHz)

DUT: Gemini; M/N: Gemini 4G

Communication System: UID 0, IEEE 802.11a WiFi 5.2GHz (0); Communication System Band: IEEE 802.11a WiFi 5.2GHz; Frequency: 5200 MHz; Communication System PAR: 0 dB

Medium parameters used: $f = 5200$ MHz; $\sigma = 5.3$ S/m; $\epsilon_r = 47.4$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(5.26, 5.26, 5.26); Calibrated: 07/03/2018;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 08/02/2018
- Phantom: SAM1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Head 15 Degree Left CH40(5200MHz)/Area Scan (101x51x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.295 W/kg

Configuration/Head 15 Degree Left CH40(5200MHz)/Zoom Scan

(5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.711 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.582 W/kg

SAR(1 g) = 0.191 W/kg; SAR(10 g) = 0.075 W/kg

Maximum value of SAR (measured) = 0.213 W/kg



Test Laboratory: Audix SAR Lab

Date: 25/03/2018

Head 15 Degree Right CH40(5200MHz)

DUT: Gemini; M/N: Gemini 4G

Communication System: UID 0, IEEE 802.11a WiFi 5.2GHz (0); Communication System

Band: IEEE 802.11a WiFi 5.2GHz; Frequency: 5200 MHz; Communication System PAR: 0 dB

Medium parameters used: $f = 5200 \text{ MHz}$; $\sigma = 5.3 \text{ S/m}$; $\epsilon_r = 47.4$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(5.26, 5.26, 5.26); Calibrated: 07/03/2018;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 08/02/2018
- Phantom: SAM1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Head 15 Degree Right CH40(5200MHz)/Area Scan (101x51x1):

Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.114 W/kg

Configuration/Head 15 Degree Right CH40(5200MHz)/Zoom Scan

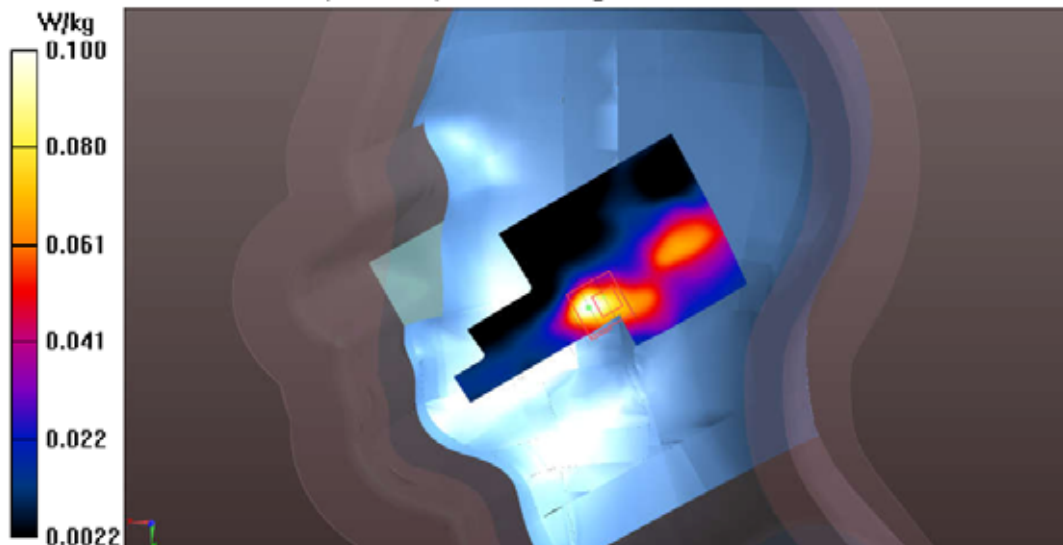
(5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 1.458 V/m ; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.243 W/kg

SAR(1 g) = 0.067 W/kg ; SAR(10 g) = 0.037 W/kg

Maximum value of SAR (measured) = 0.100 W/kg



Test Laboratory: Audix SAR Lab

Date: 25/03/2018

Head Touch Left CH40(5200MHz)

DUT: Gemini; M/N: Gemini 4G

Communication System: UID 0, IEEE 802.11a WiFi 5.2GHz (0); Communication System Band: IEEE 802.11a WiFi 5.2GHz; Frequency: 5200 MHz; Communication System PAR: 0 dB

Medium parameters used: $f = 5200 \text{ MHz}$; $\sigma = 5.3 \text{ S/m}$; $\epsilon_r = 47.4$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(5.26, 5.26, 5.26); Calibrated: 07/03/2018;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 08/02/2018
- Phantom: SAM1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Head Touch Left CH40(5200MHz)/Area Scan (101x51x1):

Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.318 W/kg

Configuration/Head Touch Left CH40(5200MHz)/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 2.809 V/m ; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.600 W/kg

SAR(1 g) = 0.203 W/kg ; SAR(10 g) = 0.078 W/kg

Maximum value of SAR (measured) = 0.253 W/kg



Test Laboratory: Audix SAR Lab

Date: 25/03/2018

Head Touch Right CH40(5200MHz)

DUT: Gemini; M/N: Gemini 4G

Communication System: UID 0, IEEE 802.11a WiFi 5.2GHz (0); Communication System Band: IEEE 802.11a WiFi 5.2GHz; Frequency: 5200 MHz; Communication System PAR: 0 dB

Medium parameters used: $f = 5200 \text{ MHz}$; $\sigma = 5.3 \text{ S/m}$; $\epsilon_r = 47.4$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(5.26, 5.26, 5.26); Calibrated: 07/03/2018;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 08/02/2018
- Phantom: SAM1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Head Touch Right CH40(5200MHz)/Area Scan (101x51x1):

Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.0821 W/kg

Configuration/Head Touch Right CH40(5200MHz)/Zoom Scan (5x5x7)/Cube

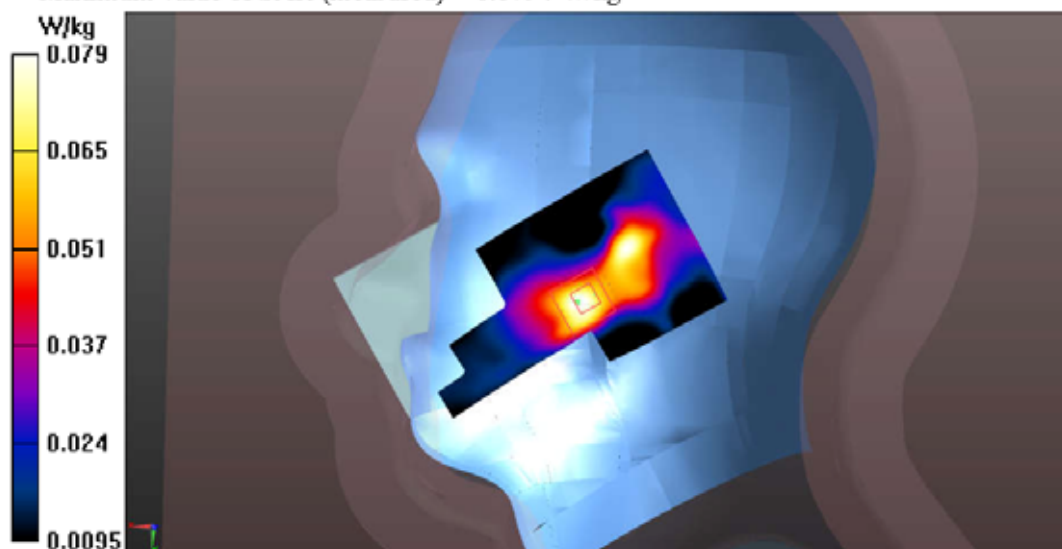
0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 1.751 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.173 W/kg

SAR(1 g) = 0.072 W/kg; SAR(10 g) = 0.036 W/kg

Maximum value of SAR (measured) = 0.0794 W/kg



Test Laboratory: Audix SAR Lab

Date: 11/08/2018

Head Touch Left CH40(5200MHz)

DUT: Gemini; M/N: Gemini 4G

Communication System: UID 0, IEEE 802.11a WiFi 5.2GHz (0); Communication System Band: IEEE 802.11a WiFi 5.2GHz; Frequency: 5200 MHz; Communication System PAR: 0 dB

Medium parameters used: $f = 5200$ MHz; $\sigma = 5.3$ S/m; $\epsilon_r = 47.4$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(5.26, 5.26, 5.26); Calibrated: 07/03/2018;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 08/02/2018
- Phantom: SAM1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Head Touch Left CH40(5200MHz)/Area Scan (101x51x1):

Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.694 W/kg

Configuration/Head Touch Left CH40(5200MHz)/Zoom Scan (5x5x7)/Cube 0:

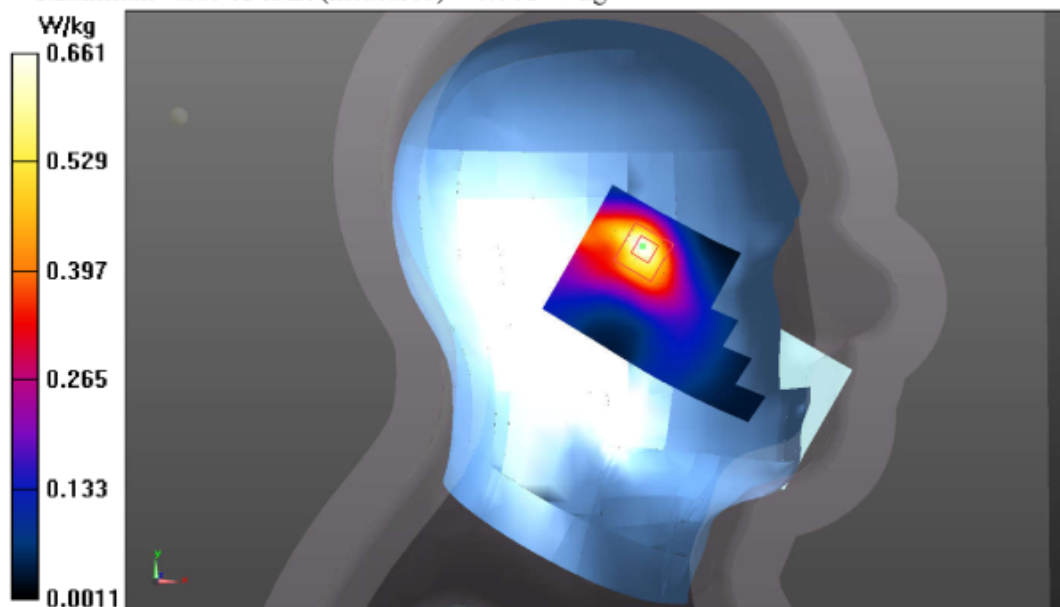
Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 6.112 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.19 W/kg

SAR(1 g) = 0.185 W/kg; SAR(10 g) = 0.074 W/kg

Maximum value of SAR (measured) = 0.661 W/kg



Test Laboratory: Audix SAR Lab

Date: 11/08/2018

Head Touch Right CH40(5200MHz)

DUT: Gemini; M/N: Gemini 4G

Communication System: UID 0, IEEE 802.11a WiFi 5.2GHz (0); Communication System Band: IEEE 802.11a WiFi 5.2GHz; Frequency: 5200 MHz; Communication System PAR: 0 dB

Medium parameters used: $f = 5200 \text{ MHz}$; $\sigma = 5.3 \text{ S/m}$; $\epsilon_r = 47.4$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(5.26, 5.26, 5.26); Calibrated: 07/03/2018;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 08/02/2018
- Phantom: SAM1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Head Touch Right CH40(5200MHz)/Area Scan (101x51x1):

Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.128 W/kg

Configuration/Head Touch Right CH40(5200MHz)/Zoom Scan (5x5x7)/Cube

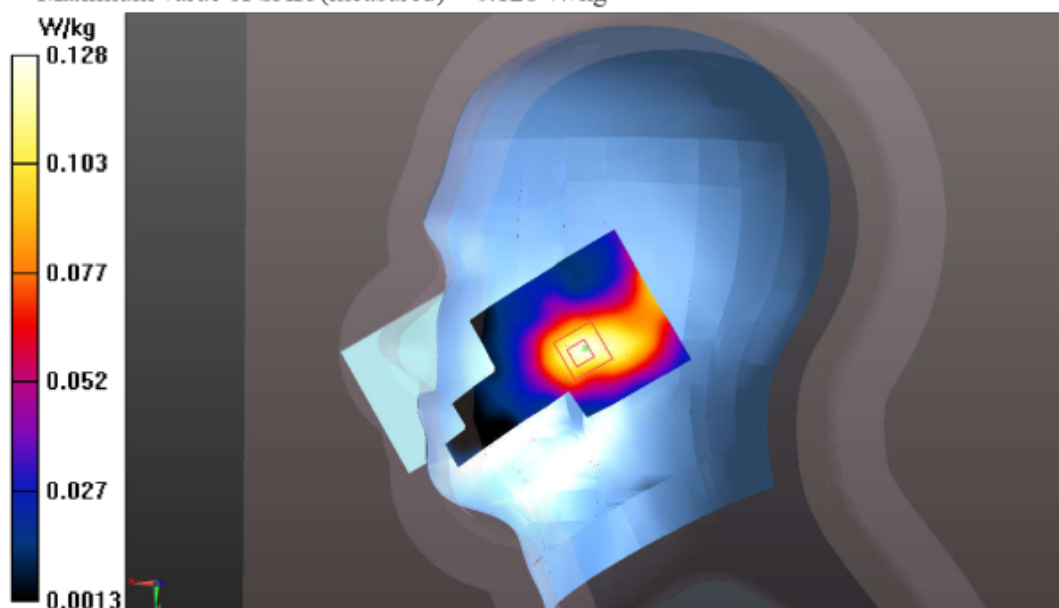
0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 3.373 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.231 W/kg

SAR(1 g) = 0.069 W/kg; SAR(10 g) = 0.035 W/kg

Maximum value of SAR (measured) = 0.128 W/kg



Test Laboratory: Audix SAR Lab

Date: 25/03/2018

CH157(5785MHz Front)

DUT: Gemini; M/N: Gemini 4G

Communication System: UID 0, IEEE 802.11a WiFi 5.8GHz (0); Communication System

Band: IEEE 802.11a WiFi 5.8GHz ; Frequency: 5785 MHz; Communication System PAR: 0 dB

Medium parameters used: $f = 5785\text{MHz}$; $\sigma = 6.07\text{ S/m}$; $\epsilon_r = 46$; $\rho = 1000\text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(4.42, 4.42, 4.42); Calibrated: 07/03/2018;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 08/02/2018
- Phantom: SAM1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH157(5785MHz Front)/Area Scan (61x81x1): Interpolated grid:

$dx=1.500\text{ mm}$, $dy=1.500\text{ mm}$

Maximum value of SAR (interpolated) = 0.767 W/kg

Configuration/CH157(5785MHz Front)/Zoom Scan (5x5x7)/Cube 0:

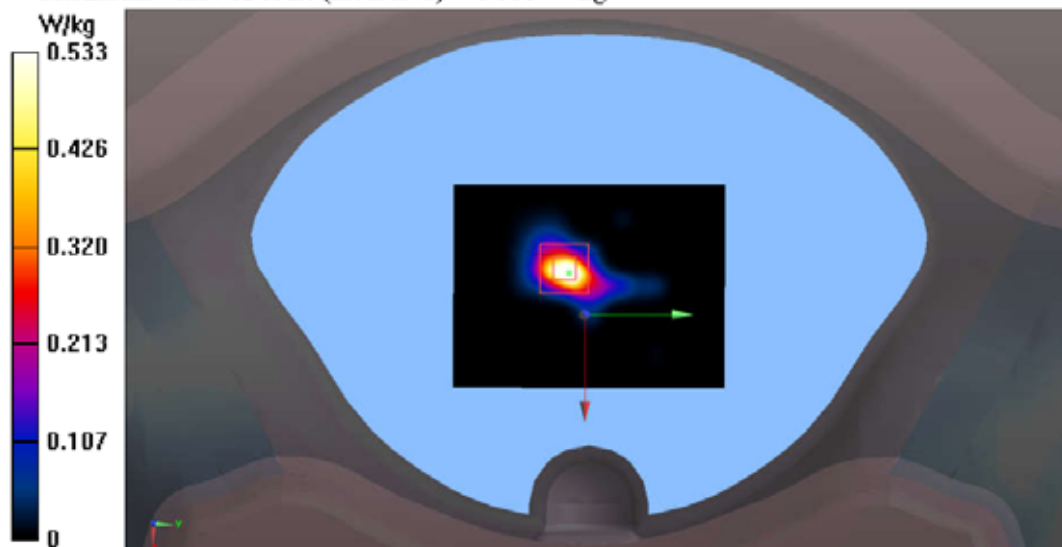
Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 5.889 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 1.26 W/kg

SAR(1 g) = 0.416 W/kg; SAR(10 g) = 0.135 W/kg

Maximum value of SAR (measured) = 0.533 W/kg



Test Laboratory: Audix SAR Lab

Date: 25/03/2018

CH157(5785MHz Left)

DUT: Gemini; M/N: Gemini 4G

Communication System: UID 0, IEEE 802.11a WiFi 5.8GHz (0); Communication System

Band: IEEE 802.11a WiFi 5.8GHz; Frequency: 5785 MHz; Communication System PAR: 0 dB

Medium parameters used: $f = 5785 \text{ MHz}$; $\sigma = 6.07 \text{ S/m}$; $\epsilon_r = 46$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(4.42, 4.42, 4.42); Calibrated: 07/03/2018;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 08/02/2018
- Phantom: SAM1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH157(5785MHz Left)/Area Scan (61x81x1): Interpolated grid:

$dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.730 W/kg

Configuration/CH157(5785MHz Left)/Zoom Scan (5x5x7)/Cube 0:

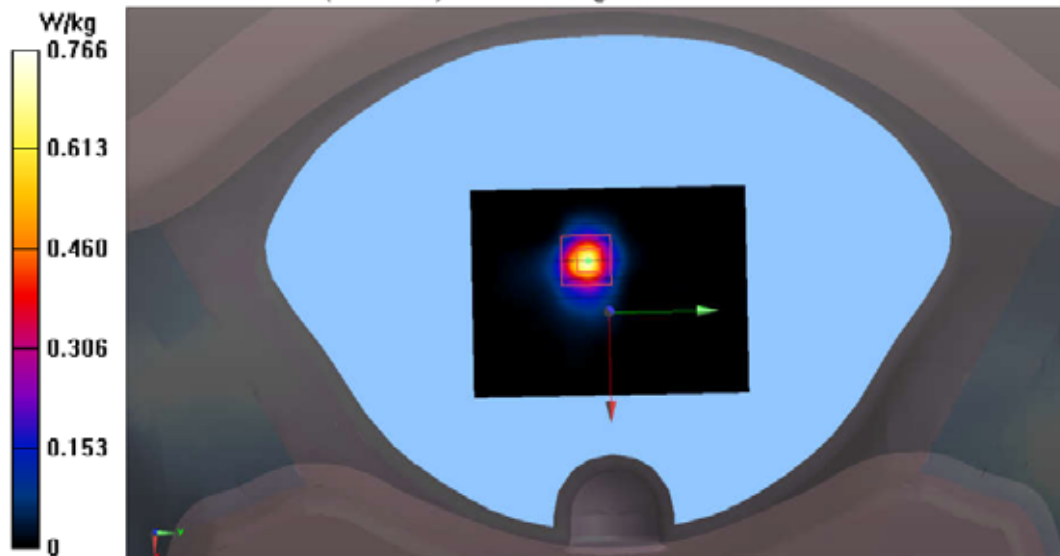
Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 5.357 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 1.72 W/kg

SAR(1 g) = 0.556 W/kg; SAR(10 g) = 0.172 W/kg

Maximum value of SAR (measured) = 0.766 W/kg



Test Laboratory: Audix SAR Lab

Date: 25/03/2018

CH157(5785MHz Top)

DUT: Gemini; M/N: Gemini 4G

Communication System: UID 0, IEEE 802.11a WiFi 5.8GHz (0); Communication System

Band: IEEE 802.11a WiFi 5.8GHz ; Frequency: 5785 MHz; Communication System PAR: 0 dB

Medium parameters used: $f = 5785 \text{ MHz}$; $\sigma = 6.07 \text{ S/m}$; $\epsilon_r = 46$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(4.42, 4.42, 4.42); Calibrated: 07/03/2018;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 08/02/2018
- Phantom: SAM1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH157(5785MHz Top)/Area Scan (61x81x1): Interpolated grid:

$dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.147 W/kg

Configuration/CH157(5785MHz Top)/Zoom Scan (5x5x7)/Cube 0:

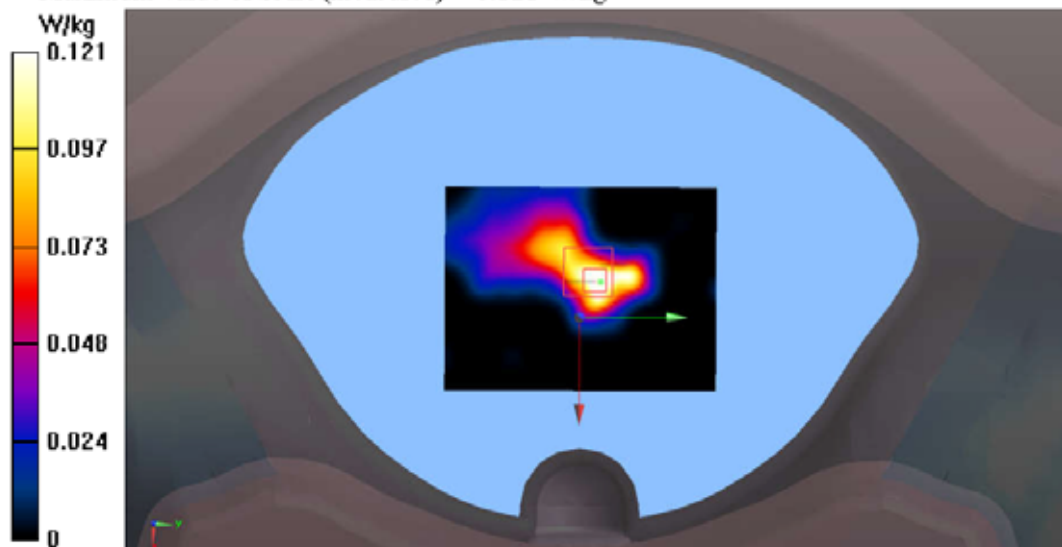
Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 4.122 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.748 W/kg

SAR(1 g) = 0.139 W/kg; SAR(10 g) = 0.051 W/kg

Maximum value of SAR (measured) = 0.121 W/kg



Test Laboratory: Audix SAR Lab

Date: 25/03/2018

Head 15 Degree Left CH157(5785MHz)

DUT: Gemini; M/N: Gemini 4G

Communication System: UID 0, IEEE 802.11a WiFi 5.8GHz (0); Communication System

Band: IEEE 802.11a WiFi 5.8GHz ; Frequency: 5785 MHz; Communication System PAR: 0 dB

Medium parameters used: $f = 5785 \text{ MHz}$; $\sigma = 6.07 \text{ S/m}$; $\epsilon_r = 46$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(4.42, 4.42, 4.42); Calibrated: 07/03/2018;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 08/02/2018
- Phantom: SAM1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Head 15 Degree Left CH157(5785MHz)/Area Scan (101x51x1):

Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.354 W/kg

Configuration/Head 15 Degree Left CH157(5785MHz)/Zoom Scan

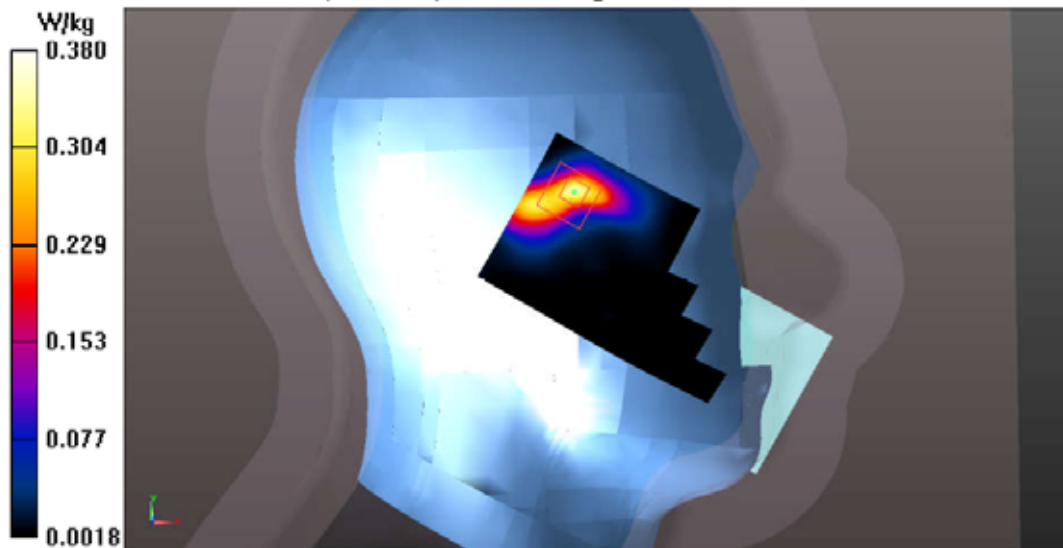
(5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 3.092 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.883 W/kg

SAR(1 g) = 0.253 W/kg; SAR(10 g) = 0.114 W/kg

Maximum value of SAR (measured) = 0.380 W/kg



Test Laboratory: Audix SAR Lab

Date: 25/03/2018

Head 15 Degree Right CH157(5785MHz)

DUT: Gemini; M/N: Gemini 4G

Communication System: UID 0, IEEE 802.11a WiFi 5.8GHz (0); Communication System

Band: IEEE 802.11a WiFi 5.8GHz; Frequency: 5785 MHz; Communication System PAR: 0 dB

Medium parameters used: $f = 5785 \text{ MHz}$; $\sigma = 6.07 \text{ S/m}$; $\epsilon_r = 46$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(4.42, 4.42, 4.42); Calibrated: 07/03/2018;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 08/02/2018
- Phantom: SAM1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Head 15 Degree Right CH157(5785MHz)/Area Scan

(101x51x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.107 W/kg

Configuration/Head 15 Degree Right CH157(5785MHz)/Zoom Scan

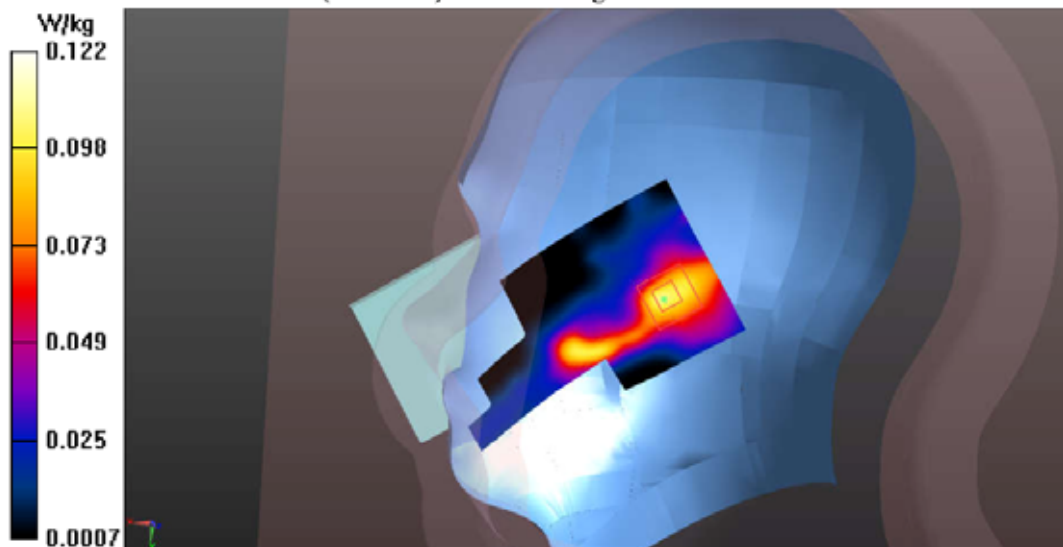
(5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 1.421 V/m ; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.351 W/kg

SAR(1 g) = 0.088 W/kg ; SAR(10 g) = 0.041 W/kg

Maximum value of SAR (measured) = 0.122 W/kg



Test Laboratory: Audix SAR Lab

Date: 25/03/2018

Head Touch Left CH157(5785MHz)

DUT: Gemini; M/N: Gemini 4G

Communication System: UID 0, IEEE 802.11a WiFi 5.8GHz (0); Communication System

Band: IEEE 802.11a WiFi 5.8GHz ; Frequency: 5785 MHz; Communication System PAR: 0 dB

Medium parameters used: $f = 5785 \text{ MHz}$; $\sigma = 6.07 \text{ S/m}$; $\epsilon_r = 46$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(4.42, 4.42, 4.42); Calibrated: 07/03/2018;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 08/02/2018
- Phantom: SAM1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Head Touch Left CH157(5785MHz)/Area Scan (101x51x1):

Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.454 W/kg

Configuration/Head Touch Left CH157(5785MHz)/Zoom Scan (5x5x7)/Cube

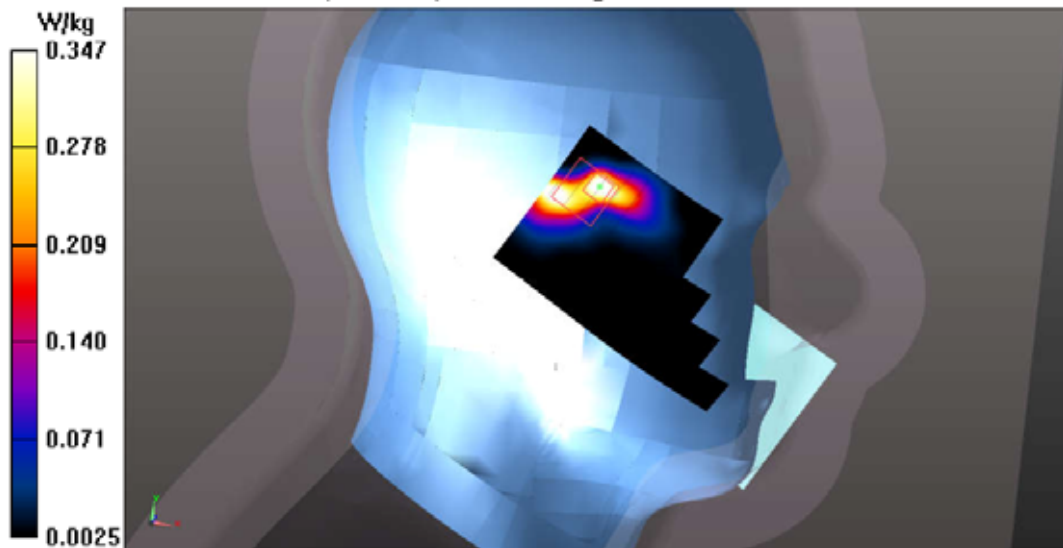
0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 2.946 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.837 W/kg

SAR(1 g) = 0.279 W/kg; SAR(10 g) = 0.107 W/kg

Maximum value of SAR (measured) = 0.347 W/kg



Test Laboratory: Audix SAR Lab

Date: 25/03/2018

Head Touch Right CH157(5785MHz)

DUT: Gemini; M/N: Gemini 4G

Communication System: UID 0, IEEE 802.11a WiFi 5.8GHz (0); Communication System

Band: IEEE 802.11a WiFi 5.8GHz; Frequency: 5785 MHz; Communication System PAR: 0 dB

Medium parameters used: $f = 5785 \text{ MHz}$; $\sigma = 6.07 \text{ S/m}$; $\epsilon_r = 46$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(4.42, 4.42, 4.42); Calibrated: 07/03/2018;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 08/02/2018
- Phantom: SAM1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Head Touch Right CH157(5785MHz)/Area Scan (101x51x1):

Interpolated grid: $dx = 1.500 \text{ mm}$, $dy = 1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.103 W/kg

Configuration/Head Touch Right CH157(5785MHz)/Zoom Scan

(5x5x7)/Cube 0: Measurement grid: $dx = 8\text{mm}$, $dy = 8\text{mm}$, $dz = 5\text{mm}$

Reference Value = 1.984 V/m ; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.233 W/kg

SAR(1 g) = 0.092 W/kg ; SAR(10 g) = 0.046 W/kg

Maximum value of SAR (measured) = 0.103 W/kg

