

Test Laboratory: Audix SAR Lab

Date: 11/08/2018

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: $f = 5800$ MHz; $\sigma = 6.07$ S/m; $\epsilon_r = 46$; $\rho = 1000$ kg/m³

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 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.593 W/kg

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

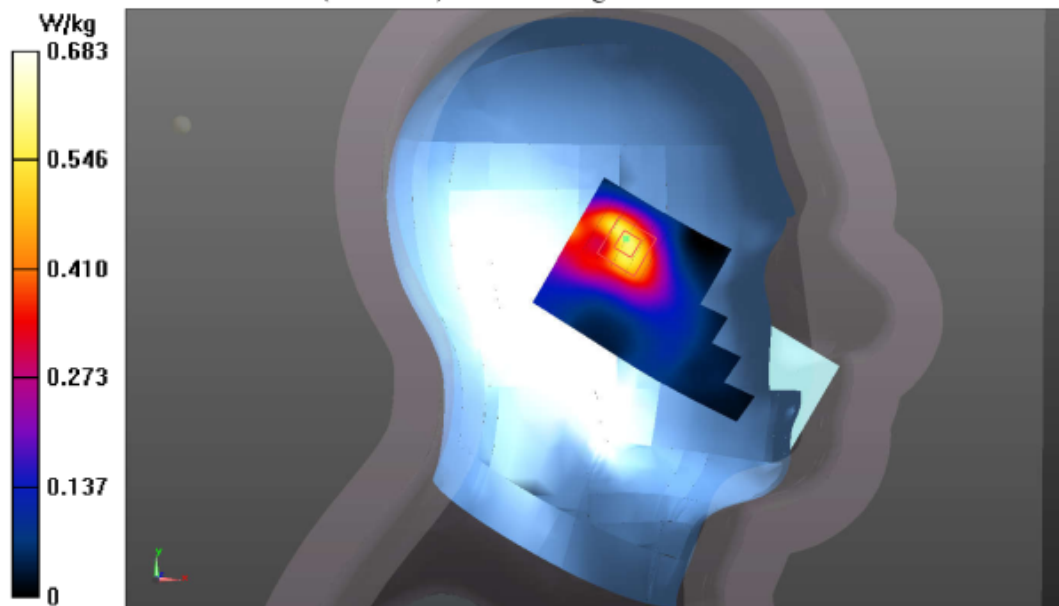
0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.410 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.30 W/kg

SAR(1 g) = 0.272 W/kg; SAR(10 g) = 0.101 W/kg

Maximum value of SAR (measured) = 0.683 W/kg



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Date: 11/08/2018

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) = 0.176 W/kg

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

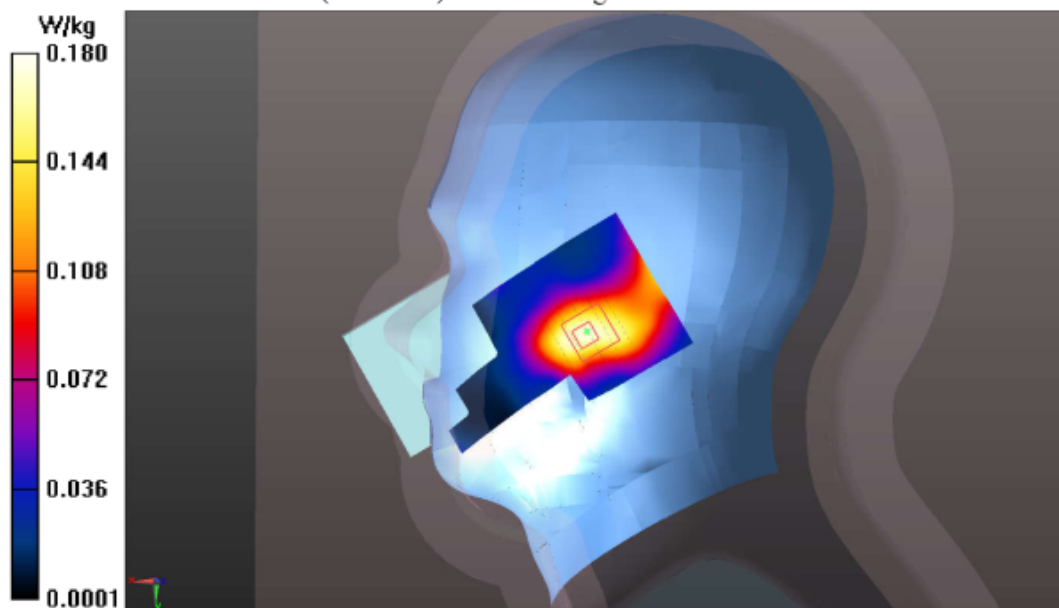
(5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 3.920 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.337 W/kg

SAR(1 g) = 0.087 W/kg; SAR(10 g) = 0.036 W/kg

Maximum value of SAR (measured) = 0.180 W/kg



GSM:

Test Laboratory: Audix SAR Lab

Date: 29/03/2018

CH128(824MHz Front)

DUT: Gemini; M/N: Gemini 4G

Communication System: UID 0, GSM850 (0); Communication System Band: Band Class0(824-849MHz); Frequency: 824 MHz; Communication System PAR: 0 dB

Medium parameters used (extrapolated): $f = 824$ MHz; $\sigma = 0.88$ S/m; $\epsilon_r = 41.63$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(9.60, 9.60, 9.60); 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/CH128(824MHz Front)/Area Scan (61x81x1): Interpolated grid:

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

Maximum value of SAR (interpolated) = 0.286 W/kg

Configuration/CH128(824MHz Front)/Zoom Scan (5x5x7)/Cube 0:

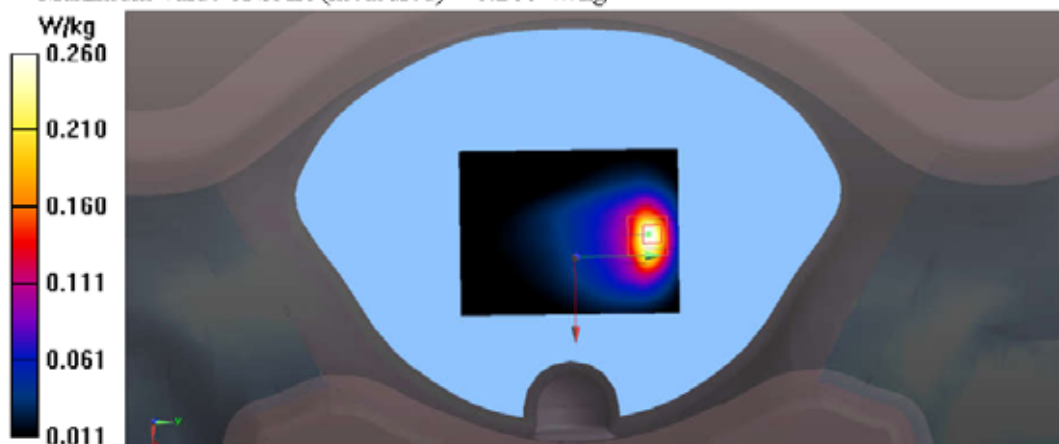
Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 6.812 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.532 W/kg

SAR(1 g) = 0.237 W/kg; SAR(10 g) = 0.122 W/kg

Maximum value of SAR (measured) = 0.260 W/kg



Test Laboratory: Audix SAR Lab

Date: 29/03/2018

CH128(824MHz Right)

DUT: Gemini; M/N: Gemini 4G

Communication System: UID 0, GSM850 (0); Communication System Band: Band Class0(824-849MHz); Frequency: 824 MHz; Communication System PAR: 0 dB

Medium parameters used (extrapolated): $f = 824 \text{ MHz}$; $\sigma = 0.88 \text{ S/m}$; $\epsilon_r = 41.63$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(9.60, 9.60, 9.60); 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/CH128(824MHz Right)/Area Scan (61x81x1): Interpolated grid:

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

Maximum value of SAR (interpolated) = 0.138 W/kg

Configuration/CH128(824MHz Right)/Zoom Scan (5x5x7)/Cube 0:

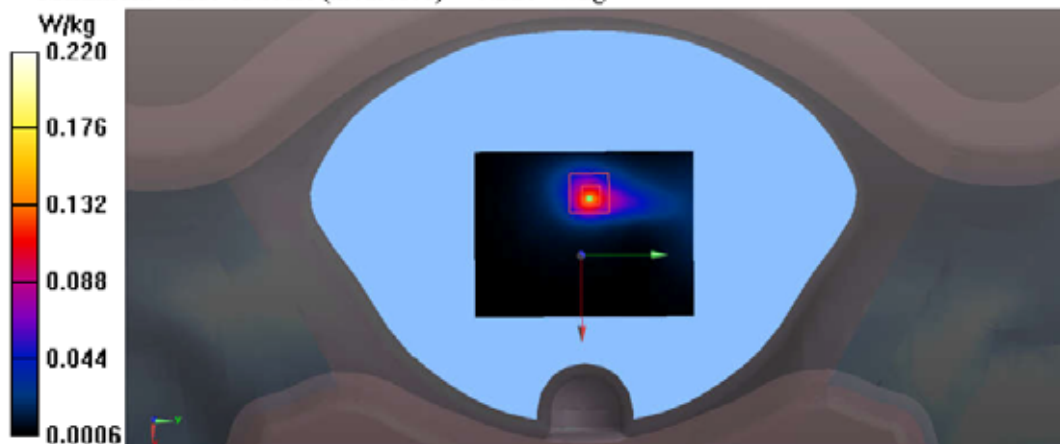
Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 3.649 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.813 W/kg

SAR(1 g) = 0.190 W/kg; SAR(10 g) = 0.063 W/kg

Maximum value of SAR (measured) = 0.220 W/kg



Test Laboratory: Audix SAR Lab

Date: 29/03/2018

CH128(824MHz Top)

DUT: Gemini; M/N: Gemini 4G

Communication System: UID 0, GSM850 (0); Communication System Band: Band Class0(824-849MHz); Frequency: 824 MHz; Communication System PAR: 0 dB

Medium parameters used (extrapolated): $f = 824 \text{ MHz}$; $\sigma = 0.88 \text{ S/m}$; $\epsilon_r = 41.63$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(9.60, 9.60, 9.60); 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/CH128(824MHz Top)/Area Scan (61x81x1): Interpolated grid:

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

Maximum value of SAR (interpolated) = 0.0474 W/kg

Configuration/CH128(824MHz Top)/Zoom Scan (5x5x7)/Cube 0: Measurement

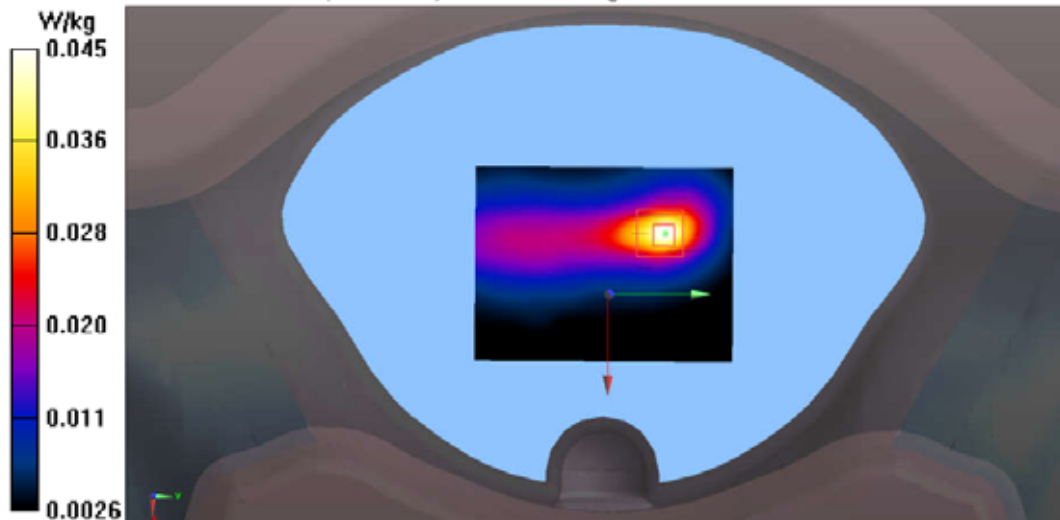
grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 4.714 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.0750 W/kg

SAR(1 g) = 0.038 W/kg; SAR(10 g) = 0.021 W/kg

Maximum value of SAR (measured) = 0.0449 W/kg



Test Laboratory: Audix SAR Lab

Date: 29/03/2018

Head 15 Degree Left CH128(824MHz)

DUT: Gemini; M/N: Gemini 4G

Communication System: UID 0, GSM850 (0); Communication System Band: Band Class0(824-849MHz); Frequency: 824 MHz; Communication System PAR: 0 dB

Medium parameters used (extrapolated): $f = 824 \text{ MHz}$; $\sigma = 0.88 \text{ S/m}$; $\epsilon_r = 41.63$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(9.60, 9.60, 9.60); 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 CH128(824MHz)/Area Scan (101x51x1):

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

Maximum value of SAR (interpolated) = 0.0201 W/kg

Configuration/Head 15 Degree Left CH128(824MHz)/Zoom Scan

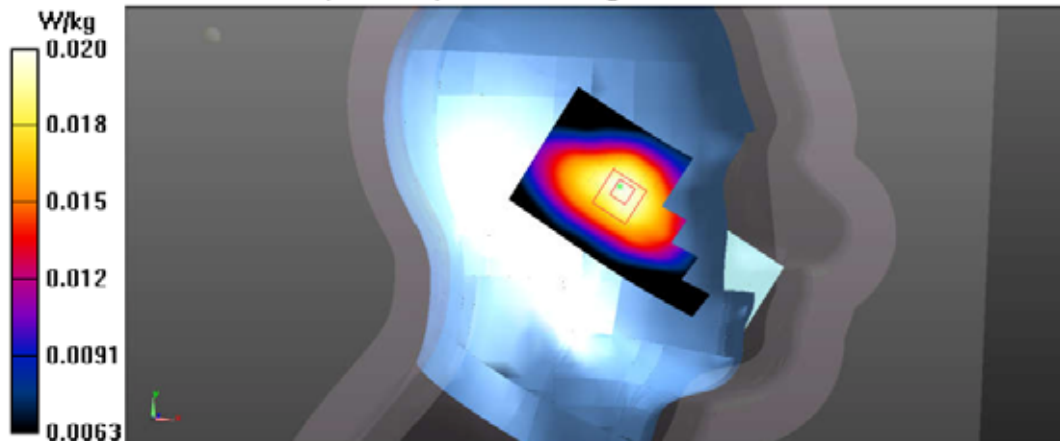
(5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 3.191 V/m ; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.0210 W/kg

SAR(1 g) = 0.020 W/kg ; SAR(10 g) = 0.018 W/kg

Maximum value of SAR (measured) = 0.0203 W/kg



Test Laboratory: Audix SAR Lab

Date: 29/03/2018

Head 15 Degree Right CH128(824MHz)

DUT: Gemini; M/N: Gemini 4G

Communication System: UID 0, GSM850 (0); Communication System Band: Band Class0(824-849MHz); Frequency: 824 MHz; Communication System PAR: 0 dB

Medium parameters used (extrapolated): $f = 824 \text{ MHz}$; $\sigma = 0.88 \text{ S/m}$; $\epsilon_r = 41.63$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(9.60, 9.60, 9.60); 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 CH128(824MHz)/Area Scan (101x51x1):

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

Maximum value of SAR (interpolated) = 0.0355 W/kg

Configuration/Head 15 Degree Right CH128(824MHz)/Zoom Scan

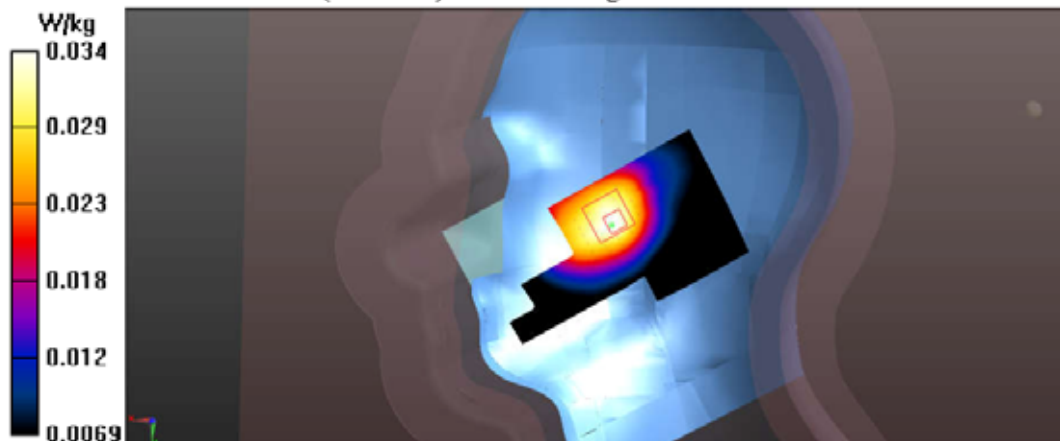
(5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 2.588 V/m ; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.0440 W/kg

SAR(1 g) = 0.034 W/kg ; SAR(10 g) = 0.027 W/kg

Maximum value of SAR (measured) = 0.0344 W/kg



Test Laboratory: Audix SAR Lab

Date: 29/03/2018

Head Touch Left CH128(824MHz)

DUT: Gemini; M/N: Gemini 4G

Communication System: UID 0, GSM850 (0); Communication System Band: Band Class0(824-849MHz); Frequency: 824 MHz; Communication System PAR: 0 dB

Medium parameters used (extrapolated): $f = 824 \text{ MHz}$; $\sigma = 0.88 \text{ S/m}$; $\epsilon_r = 41.63$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(9.60, 9.60, 9.60); 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 CH128(824MHz)/Area Scan (101x51x1):

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

Maximum value of SAR (interpolated) = 0.0203 W/kg

Configuration/Head Touch Left CH128(824MHz)/Zoom Scan (5x5x7)/Cube 0:

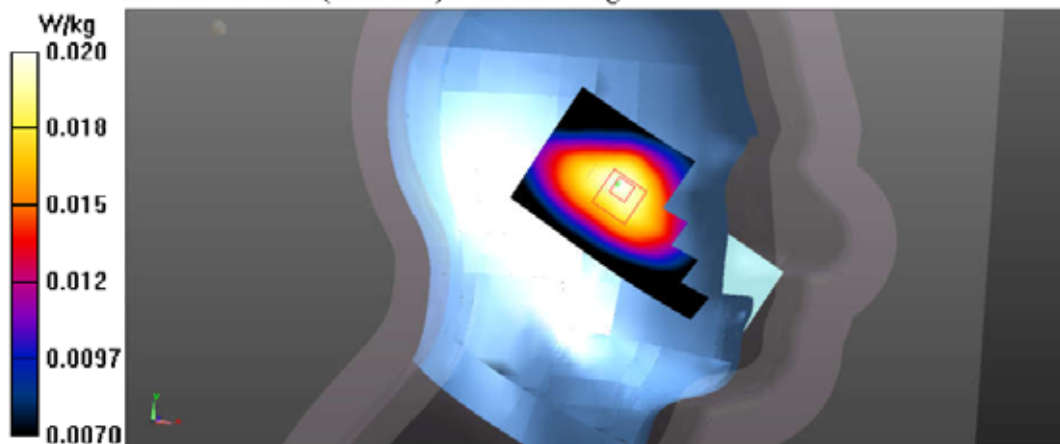
Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 3.336 V/m ; Power Drift = -0.20 dB

Peak SAR (extrapolated) = 0.0230 W/kg

SAR(1 g) = 0.020 W/kg ; SAR(10 g) = 0.018 W/kg

Maximum value of SAR (measured) = 0.0203 W/kg



Test Laboratory: Audix SAR Lab

Date: 29/03/2018

Head Touch Right CH128(824MHz)

DUT: Gemini; M/N: Gemini 4G

Communication System: UID 0, GSM850 (0); Communication System Band: Band Class0(824-849MHz); Frequency: 824 MHz; Communication System PAR: 0 dB

Medium parameters used (extrapolated): $f = 824 \text{ MHz}$; $\sigma = 0.88 \text{ S/m}$; $\epsilon_r = 41.63$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(9.60, 9.60, 9.60); 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 CH128(824MHz)/Area Scan (101x51x1):

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

Maximum value of SAR (interpolated) = 0.0373 W/kg

Configuration/Head Touch Right CH128(824MHz)/Zoom Scan (5x5x7)/Cube

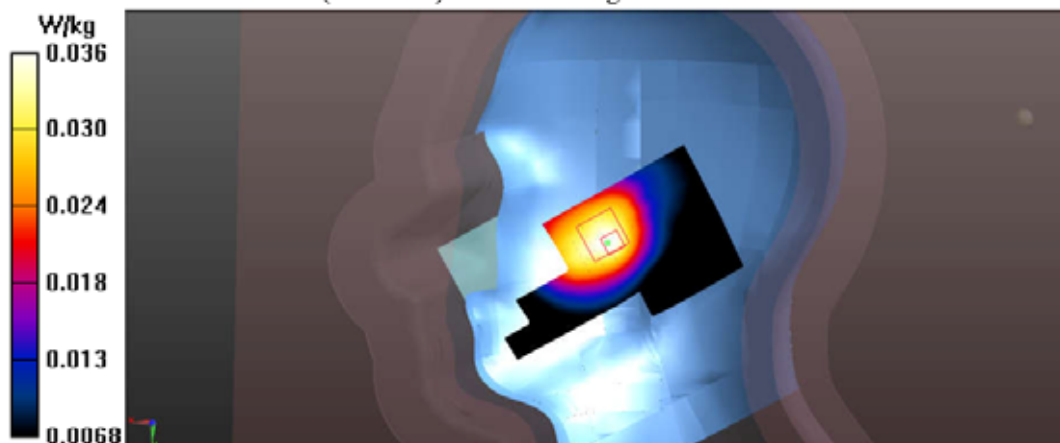
0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 2.480 V/m ; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.0460 W/kg

SAR(1 g) = 0.035 W/kg ; SAR(10 g) = 0.028 W/kg

Maximum value of SAR (measured) = 0.0355 W/kg



Test Laboratory: Audix SAR Lab

Date: 11/08/2018

Head Touch Left CH128(824MHz)

DUT: Gemini; M/N: Gemini 4G

Communication System: UID 0, GSM850 (0), Communication System Band: Band

Class0(824-849MHz); Frequency: 824 MHz; Communication System PAR: 0 dB

Medium parameters used (extrapolated): $f = 824$ MHz; $\sigma = 0.88$ S/m; $\epsilon_r = 41.63$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(9.38, 9.38, 9.38); 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 CH128(824MHz)/Area Scan (101x51x1):

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

Maximum value of SAR (interpolated) = 0.0999 W/kg

Configuration/Head Touch Left CH128(824MHz)/Zoom Scan (5x5x7)/Cube 0:

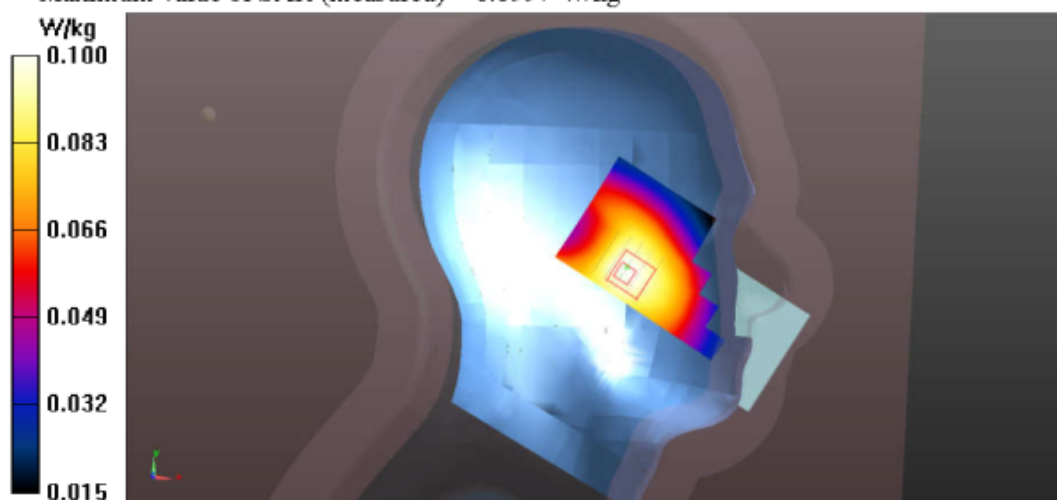
Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 6.921 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.118 W/kg

SAR(1 g) = 0.016 W/kg; SAR(10 g) = 0.014 W/kg

Maximum value of SAR (measured) = 0.0997 W/kg



Test Laboratory: Audix SAR Lab

Date: 11/08/2018

Head Touch Right CH128(824MHz)

DUT: Gemini; M/N: Gemini 4G

Communication System: UID 0, GSM850 (0); Communication System Band: Band Class0(824-849MHz); Frequency: 824 MHz; Communication System PAR: 0 dB

Medium parameters used (extrapolated): $f = 824 \text{ MHz}$; $\sigma = 0.88 \text{ S/m}$; $\epsilon_r = 41.63$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(9.38, 9.38, 9.38); 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 CH128(824MHz)/Area Scan (101x51x1):

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

Maximum value of SAR (interpolated) = 0.118 W/kg

Configuration/Head Touch Right CH128(824MHz)/Zoom Scan (5x5x7)/Cube

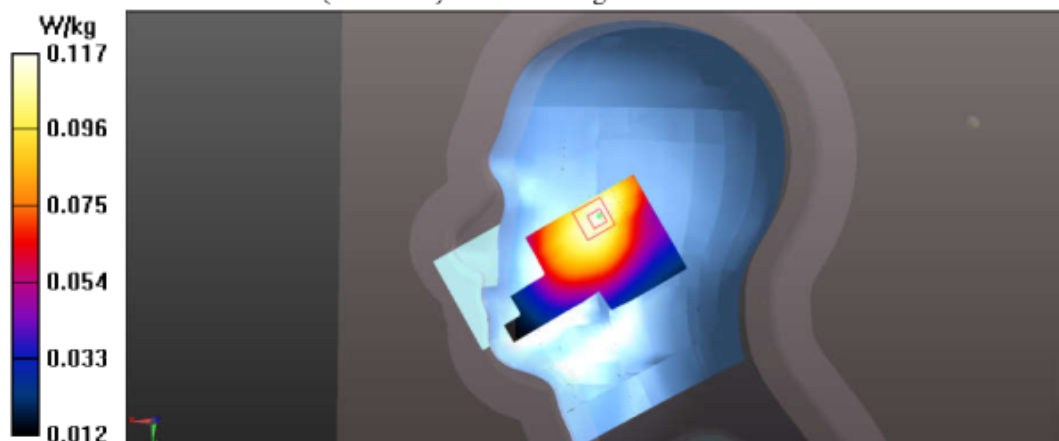
0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 8.086 V/m ; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.134 W/kg

SAR(1 g) = 0.025 W/kg ; SAR(10 g) = 0.018 W/kg

Maximum value of SAR (measured) = 0.117 W/kg



Test Laboratory: Audix SAR Lab

Date: 27/03/2018

CH512(1850MHz Front)

DUT: Gemini; M/N: Gemini 4G

Communication System: UID 0, GSM1900 (0); Communication System Band: Band Class0(1850-1910MHz); Frequency: 1850 MHz; Communication System PAR: 0 dB

Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.53$ S/m; $\epsilon_r = 51.24$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(7.83, 7.83, 7.83); 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/CH512(1850MHz Front)/Area Scan (61x81x1): Interpolated grid:

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

Maximum value of SAR (interpolated) = 0.0443 W/kg

Configuration/CH512(1850MHz Front)/Zoom Scan (5x5x7)/Cube 0:

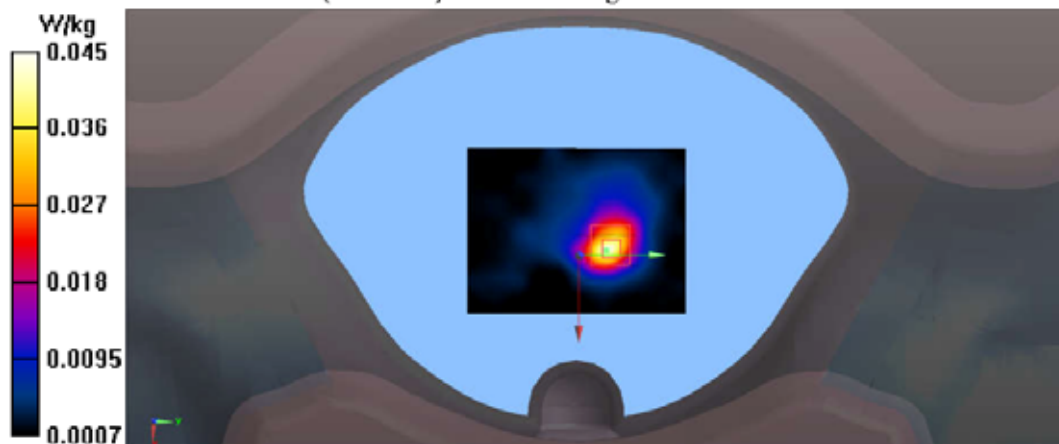
Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 2.213 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.0980 W/kg

SAR(1 g) = 0.041 W/kg; SAR(10 g) = 0.018 W/kg

Maximum value of SAR (measured) = 0.0451 W/kg



Test Laboratory: Audix SAR Lab

Date: 27/03/2018

CH512(1850MHz Right)

DUT: Gemini; M/N: Gemini 4G

Communication System: UID 0, GSM1900 (0); Communication System Band: Band Class0(1850-1910MHz); Frequency: 1850 MHz; Communication System PAR: 0 dB

Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.53$ S/m; $\epsilon_r = 51.24$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(7.83, 7.83, 7.83); 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/CH512(1850MHz Right)/Area Scan (61x81x1): Interpolated grid:
dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0423 W/kg

Configuration/CH512(1850MHz Right)/Zoom Scan (5x5x7)/Cube 0:

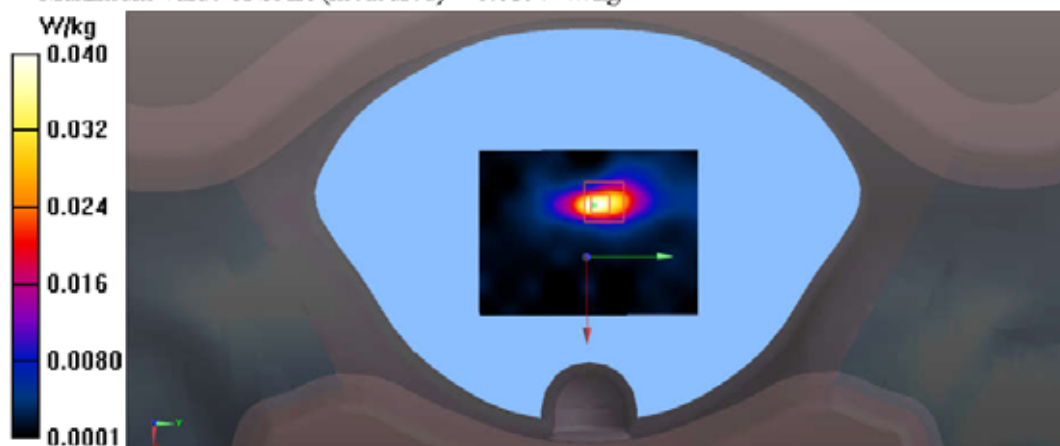
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.185 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.0610 W/kg

SAR(1 g) = 0.032 W/kg; SAR(10 g) = 0.015 W/kg

Maximum value of SAR (measured) = 0.0397 W/kg



Test Laboratory: Audix SAR Lab

Date: 27/03/2018

CH512(1850MHz Top)

DUT: Gemini; M/N: Gemini 4G

Communication System: UID 0, GSM1900 (0); Communication System Band: Band Class0(1850-1910MHz); Frequency: 1850 MHz; Communication System PAR: 0 dB

Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.53$ S/m; $\epsilon_r = 51.24$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(7.83, 7.83, 7.83); 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/CH512(1850MHz Top)/Area Scan (61x81x1): Interpolated grid:

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

Maximum value of SAR (interpolated) = 0.0177 W/kg

Configuration/CH512(1850MHz Top)/Zoom Scan (5x5x7)/Cube 0:

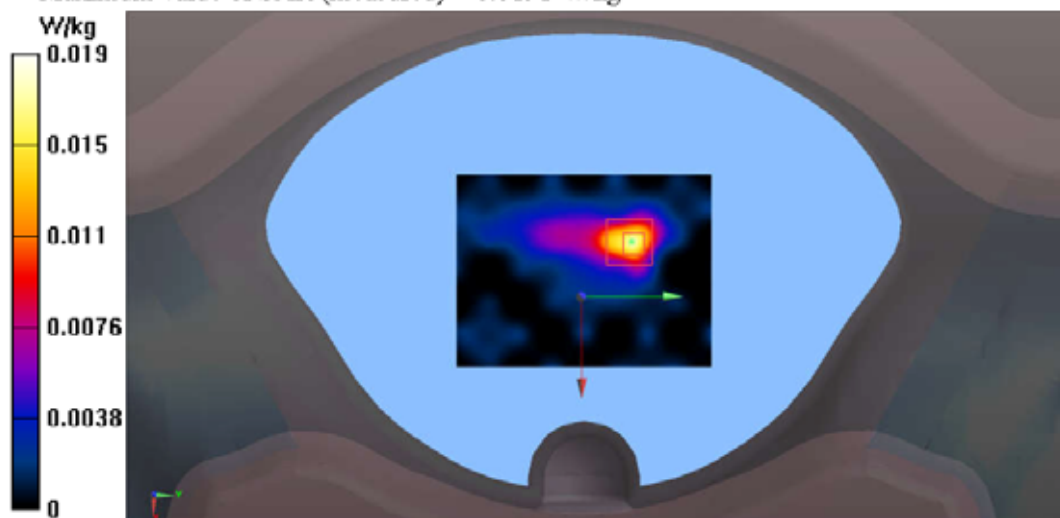
Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 1.556 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.0280 W/kg

SAR(1 g) = 0.015 W/kg; SAR(10 g) = 0.00685 W/kg

Maximum value of SAR (measured) = 0.0191 W/kg



Test Laboratory: Audix SAR Lab

Date: 27/03/2018

Head 15 Degree Left CH512(1850MHz)

DUT: Gemini; M/N: Gemini 4G

Communication System: UID 0, GSM1900 (0); Communication System Band: Band Class0(1850-1910MHz); Frequency: 1850 MHz; Communication System PAR: 0 dB

Medium parameters used: $f = 1850.2 \text{ MHz}$; $\sigma = 1.53 \text{ S/m}$; $\epsilon_r = 51.24$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(7.83, 7.83, 7.83); 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 CH512(1850MHz)/Area Scan (101x51x1):

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

Maximum value of SAR (interpolated) = 0.00343 W/kg

Configuration/Head 15 Degree Left CH512(1850MHz)/Zoom Scan

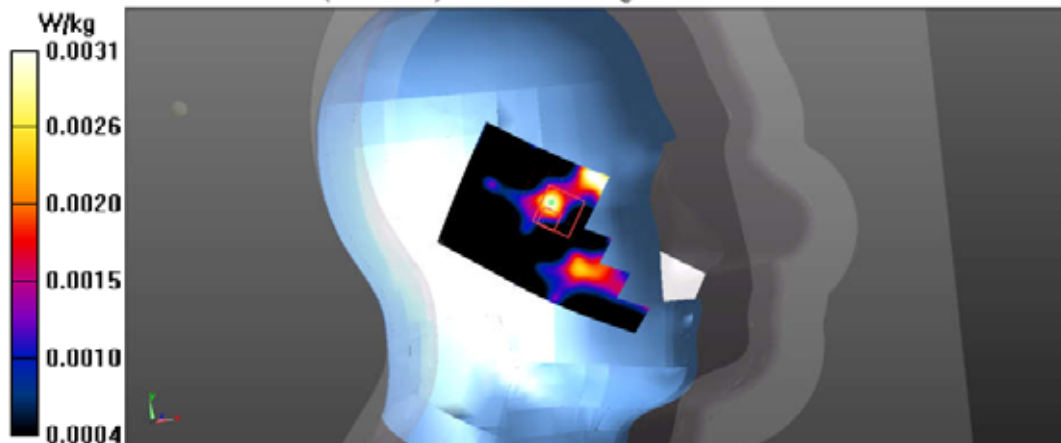
(5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 0.5380 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.00317 W/kg

SAR(1 g) = 0.00214 W/kg; SAR(10 g) = 0.00146 W/kg

Maximum value of SAR (measured) = 0.00317 W/kg



Test Laboratory: Audix SAR Lab

Date: 27/03/2018

Head 15 Degree Right CH512(1850MHz)

DUT: Gemini; M/N: Gemini 4G

Communication System: UID 0, GSM1900 (0); Communication System Band: Band Class0(1850-1910MHz); Frequency: 1850 MHz; Communication System PAR: 0 dB

Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.53$ S/m; $\epsilon_r = 51.24$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(7.83, 7.83, 7.83); 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 CH512(1850MHz)/Area Scan

(101x51x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.00998 W/kg

Configuration/Head 15 Degree Right CH512(1850MHz)/Zoom Scan

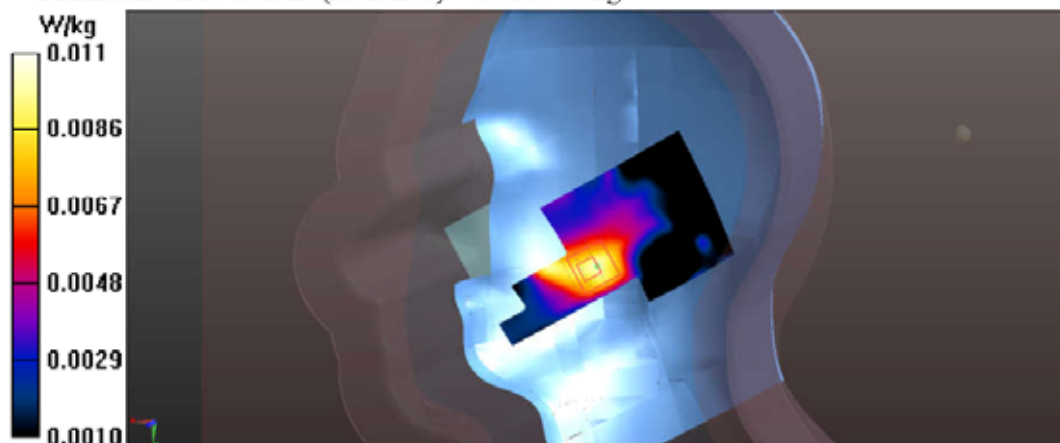
(5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.2850 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.0170 W/kg

SAR(1 g) = 0.00904 W/kg; SAR(10 g) = 0.00508 W/kg

Maximum value of SAR (measured) = 0.0106 W/kg



Test Laboratory: Audix SAR Lab

Date: 27/03/2018

Head Touch Left CH512(1850MHz)

DUT: Gemini; M/N: Gemini 4G

Communication System: UID 0, GSM1900 (0); Communication System Band: Band Class0(1850-1910MHz); Frequency: 1850 MHz; Communication System PAR: 0 dB

Medium parameters used: $f = 1850.2 \text{ MHz}$; $\sigma = 1.53 \text{ S/m}$; $\epsilon_r = 51.24$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(7.83, 7.83, 7.83); 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 CH512(1850MHz)/Area Scan (101x51x1):

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

Maximum value of SAR (interpolated) = 0.00373 W/kg

Configuration/Head Touch Left CH512(1850MHz)/Zoom Scan (5x5x7)/Cube

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

Reference Value = 0.4500 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.00654 W/kg

SAR(1 g) = 0.00246 W/kg; SAR(10 g) = 0.00185 W/kg

Maximum value of SAR (measured) = 0.00654 W/kg



Test Laboratory: Audix SAR Lab

Date: 27/03/2018

Head Touch Right CH512(1850MHz)

DUT: Gemini; M/N: Gemini 4G

Communication System: UID 0, GSM1900 (0); Communication System Band: Band Class0(1850-1910MHz); Frequency: 1850 MHz; Communication System PAR: 0 dB

Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.53$ S/m; $\epsilon_r = 51.24$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(7.83, 7.83, 7.83); 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 CH512(1850MHz)/Area Scan (101x51x1):

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

Maximum value of SAR (interpolated) = 0.00978 W/kg

Configuration/Head Touch Right CH512(1850MHz)/Zoom Scan

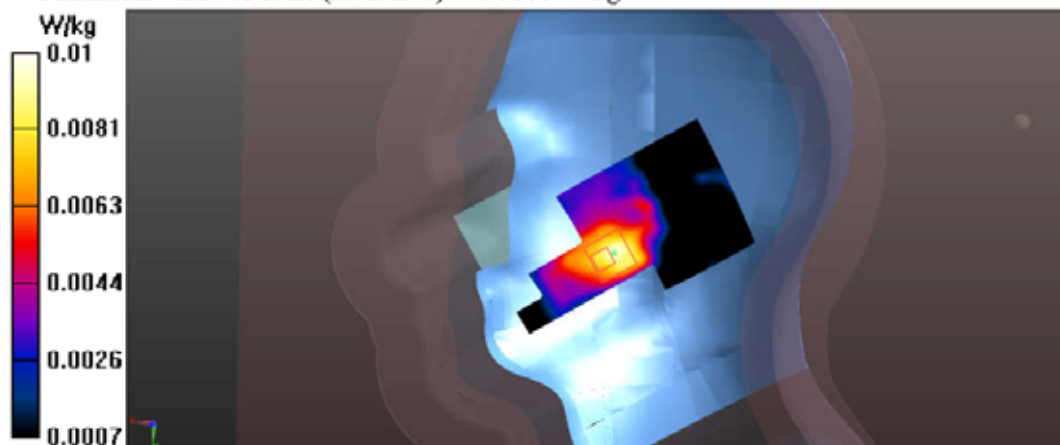
(5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 0.9440 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.0170 W/kg

SAR(1 g) = 0.00916 W/kg; SAR(10 g) = 0.00586 W/kg

Maximum value of SAR (measured) = 0.0100 W/kg



Test Laboratory: Audix SAR Lab

Date: 11/08/2018

Head Touch Left CH512(1850MHz)

DUT: Gemini; M/N: Gemini 4G

Communication System: UID 0, GSM1900 (0); Communication System Band: Band Class0(1850-1910MHz); Frequency: 1850 MHz; Communication System PAR: 0 dB

Medium parameters used: $f = 1850.2 \text{ MHz}$; $\sigma = 1.53 \text{ S/m}$; $\epsilon_r = 51.24$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(7.83, 7.83, 7.83); 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 CH512(1850MHz)/Area Scan (101x51x1):

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

Maximum value of SAR (interpolated) = 0.202 W/kg

Configuration/Head Touch Left CH512(1850MHz)/Zoom Scan (5x5x7)/Cube

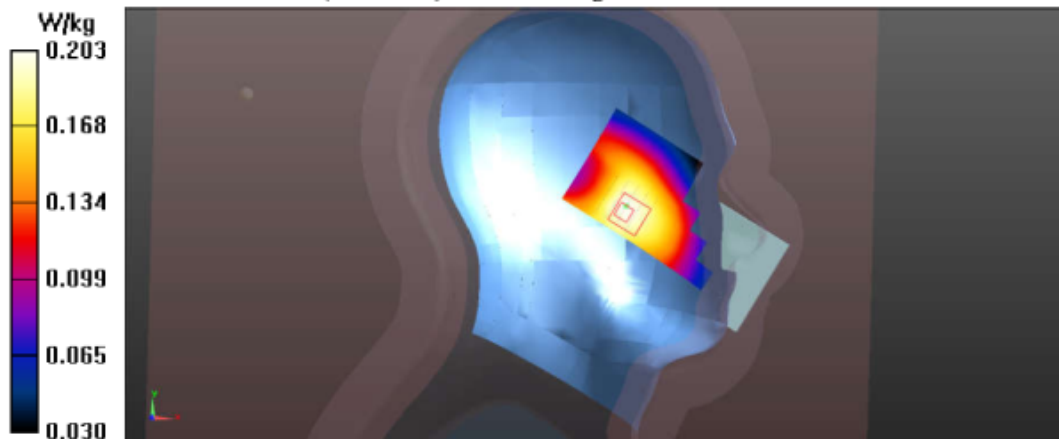
0: Measurement grid: $dx = 8 \text{ mm}$, $dy = 8 \text{ mm}$, $dz = 5 \text{ mm}$

Reference Value = 7.440 V/m ; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.237 W/kg

SAR(1 g) = 0.00195 W/kg ; SAR(10 g) = 0.00155 W/kg

Maximum value of SAR (measured) = 0.203 W/kg



Test Laboratory: Audix SAR Lab

Date: 11/08/2018

Head Touch Right CH512(1850MHz)

DUT: Gemini; M/N: Gemini 4G

Communication System: UID 0, GSM1900 (0); Communication System Band: Band Class0(1850-1910MHz); Frequency: 1850 MHz; Communication System PAR: 0 dB

Medium parameters used: $f = 1850.2 \text{ MHz}$; $\sigma = 1.53 \text{ S/m}$; $\epsilon_r = 51.24$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(7.83, 7.83, 7.83); 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 CH512(1850MHz)/Area Scan (101x51x1):

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

Maximum value of SAR (interpolated) = 0.244 W/kg

Configuration/Head Touch Right CH512(1850MHz)/Zoom Scan

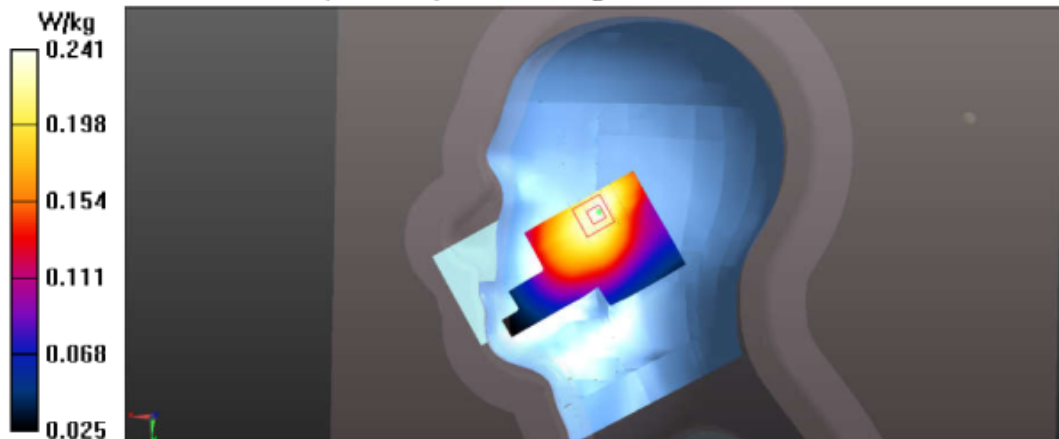
(5x5x7)/Cube 0: Measurement grid: $dx = 8\text{mm}$, $dy = 8\text{mm}$, $dz = 5\text{mm}$

Reference Value = 8.845 V/m ; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.280 W/kg

SAR(1 g) = 0.00823 W/kg ; SAR(10 g) = 0.00531 W/kg

Maximum value of SAR (measured) = 0.241 W/kg



WCDMA:

Test Laboratory: Audix SAR Lab

Date: 27/03/2018

CH9262(1850MHz Front)

DUT: Gemini; M/N: Gemini 4G

Communication System: UID 0, WCDMA(UMTS-FDD, 12.2Kbit/s) (0); Communication System Band: Band Class II (PCS 1900MHz); Frequency: 1850 MHz; Communication System PAR: 0 dB

Medium parameters used: $f = 1850 \text{ MHz}$; $\sigma = 1.53 \text{ S/m}$; $\epsilon_r = 51.24$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(7.83, 7.83, 7.83); 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/CH9262(1850MHz Front)/Area Scan (61x81x1): Interpolated grid:

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

Maximum value of SAR (interpolated) = 1.01 W/kg

Configuration/CH9262(1850MHz Front)/Zoom Scan (5x5x7)/Cube 0:

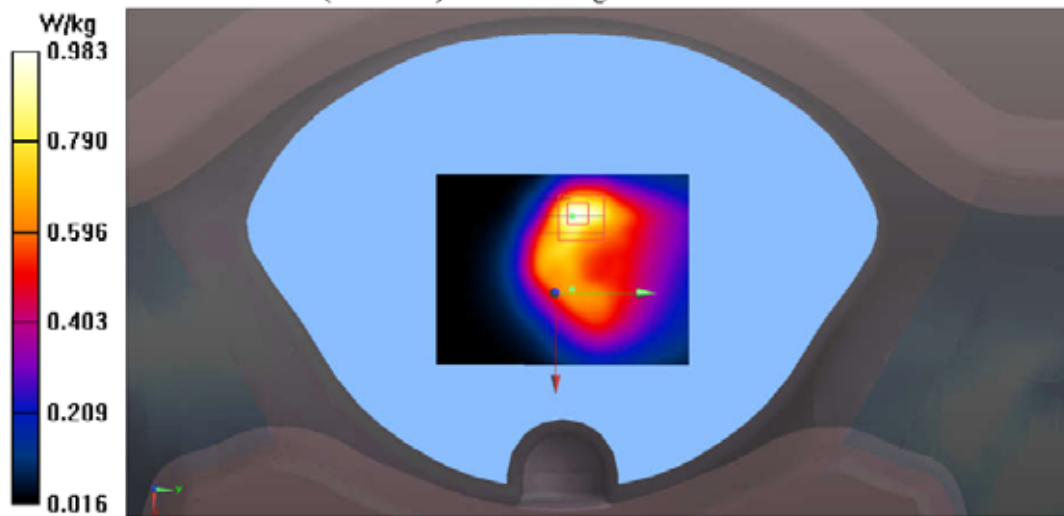
Measurement grid: $dx = 8 \text{ mm}$, $dy = 8 \text{ mm}$, $dz = 5 \text{ mm}$

Reference Value = 20.53 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 1.66 W/kg

SAR(1 g) = 0.723 W/kg; SAR(10 g) = 0.476 W/kg

Maximum value of SAR (measured) = 0.983 W/kg



Test Laboratory: Audix SAR Lab

Date: 27/03/2018

CH9262(1850MHz Right)

DUT: Gemini; M/N: Gemini 4G

Communication System: UID 0, WCDMA(UMTS-FDD, 12.2Kbit/s) (0); Communication

System Band: Band Class II (PCS 1900MHz); Frequency: 1850 MHz; Communication

System PAR: 0 dB

Medium parameters used: $f = 1850 \text{ MHz}$; $\sigma = 1.53 \text{ S/m}$; $\epsilon_r = 51.24$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(7.83, 7.83, 7.83); 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/CH9262(1850MHz Right)/Area Scan (61x81x1): Interpolated grid:

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

Maximum value of SAR (interpolated) = 0.124 W/kg

Configuration/CH9262(1850MHz Right)/Zoom Scan (5x5x7)/Cube 0:

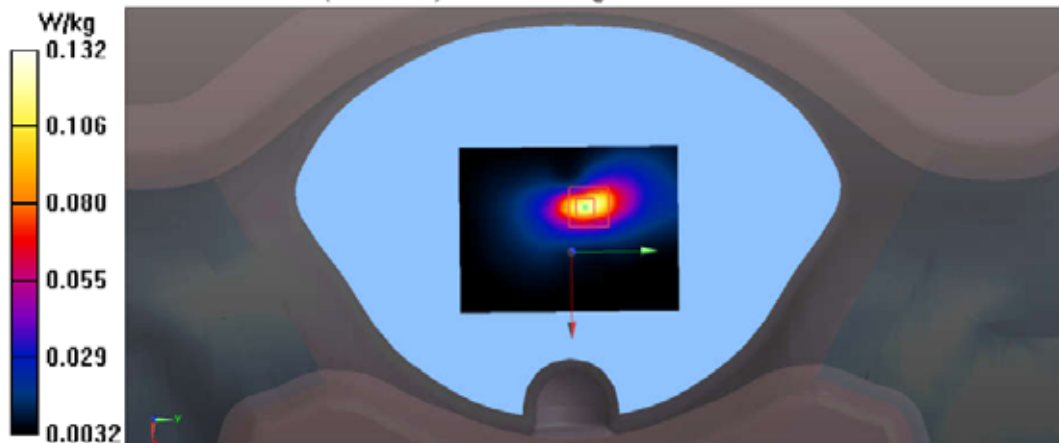
Measurement grid: $dx = 8\text{mm}$, $dy = 8\text{mm}$, $dz = 5\text{mm}$

Reference Value = 7.152 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.209 W/kg

SAR(1 g) = 0.114 W/kg; SAR(10 g) = 0.057 W/kg

Maximum value of SAR (measured) = 0.132 W/kg



Test Laboratory: Audix SAR Lab

Date: 27/03/2018

CH9262(1850MHz Top)

DUT: Gemini; M/N: Gemini 4G

Communication System: UID 0, WCDMA(UMTS-FDD, 12.2Kbit/s) (0); Communication System Band: Band Class II (PCS 1900MHz); Frequency: 1850 MHz; Communication System PAR: 0 dB

Medium parameters used: $f = 1850\text{MHz}$; $\sigma = 1.53\text{ S/m}$; $\epsilon_r = 51.24$; $\rho = 1000\text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(7.83, 7.83, 7.83); 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/CH9262(1850MHz Top)/Area Scan (61x81x1): Interpolated grid:

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

Maximum value of SAR (interpolated) = 1.51 W/kg

Configuration/CH9262(1850MHz Top)/Zoom Scan (5x5x7)/Cube 0:

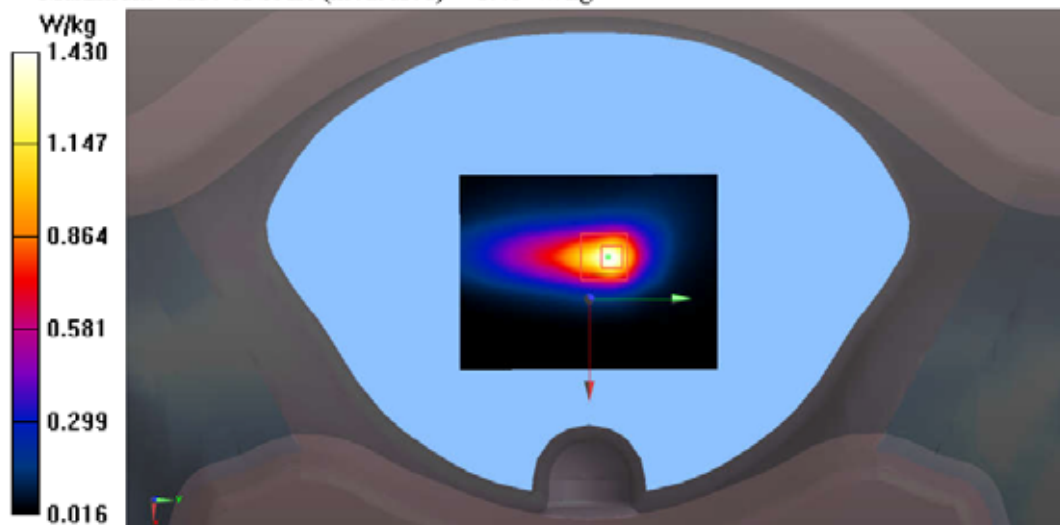
Measurement grid: $dx = 8\text{mm}$, $dy = 8\text{mm}$, $dz = 5\text{mm}$

Reference Value = 27.10 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 2.54 W/kg

SAR(1 g) = 0.714 W/kg; SAR(10 g) = 0.405 W/kg

Maximum value of SAR (measured) = 1.43 W/kg



Test Laboratory: Audix SAR Lab

Date: 27/03/2018

Head 15 Degree Left CH9262(1850MHz)

DUT: Gemini; M/N: Gemini 4G

Communication System: UID 0, WCDMA(UMTS-FDD, 12.2Kbit/s) (0); Communication

System Band: Band Class II (PCS 1900MHz); Frequency: 1850 MHz; Communication

System PAR: 0 dB

Medium parameters used: $f = 1850\text{MHz}$; $\sigma = 1.53\text{ S/m}$; $\epsilon_r = 51.24$; $\rho = 1000\text{ kg/m}^3$

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(7.83, 7.83, 7.83); 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 CH9262(1850MHz)/Area Scan

(121x61x1): Interpolated grid: $dx=1.500\text{ mm}$, $dy=1.500\text{ mm}$

Maximum value of SAR (interpolated) = 0.0724 W/kg

Configuration/Head 15 Degree Left CH9262(1850MHz)/Zoom Scan

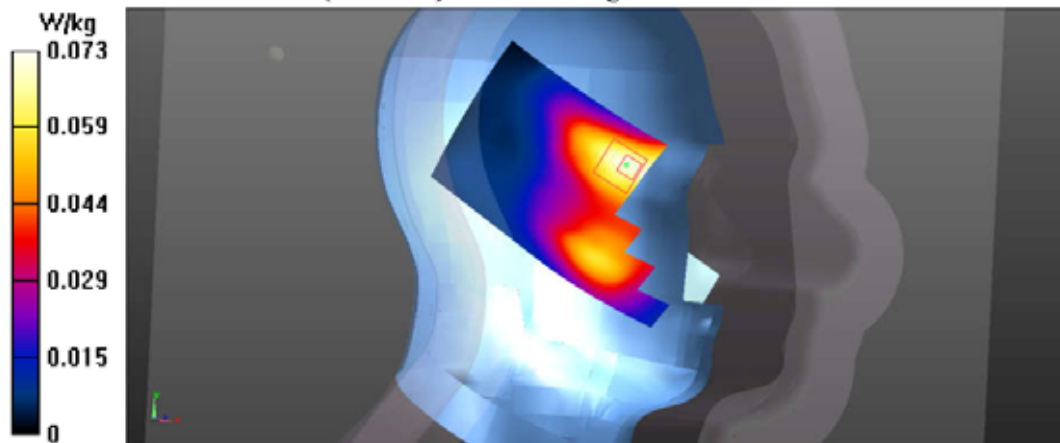
(5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 2.581 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.0970 W/kg

SAR(1 g) = 0.068 W/kg; SAR(10 g) = 0.044 W/kg

Maximum value of SAR (measured) = 0.0732 W/kg



Test Laboratory: Audix SAR Lab

Date: 27/03/2018

Head 15 Degree Right CH9262(1850MHz)

DUT: Gemini; M/N: Gemini 4G

Communication System: UID 0, WCDMA(UMTS-FDD, 12.2Kbit/s) (0); Communication

System Band: Band Class II (PCS 1900MHz); Frequency: 1850 MHz; Communication

System PAR: 0 dB

Medium parameters used: $f = 1850\text{MHz}$; $\sigma = 1.53\text{ S/m}$; $\epsilon_r = 51.24$; $\rho = 1000\text{ kg/m}^3$

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(7.83, 7.83, 7.83); 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 CH9262(1850MHz)/Area Scan

(121x61x1): Interpolated grid: $dx=1.500\text{ mm}$, $dy=1.500\text{ mm}$

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

Configuration/Head 15 Degree Right CH9262(1850MHz)/Zoom Scan

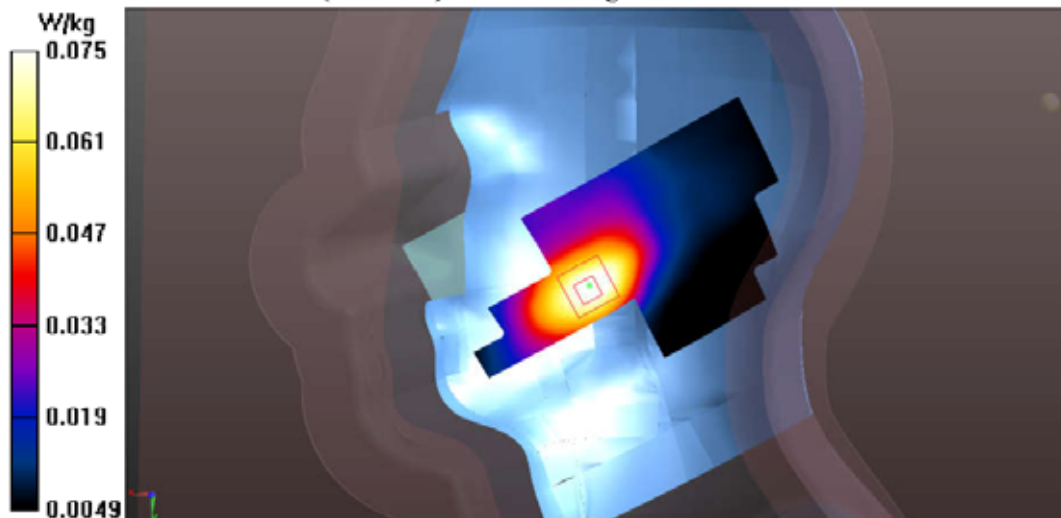
(5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 2.602 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.104 W/kg

SAR(1 g) = 0.071 W/kg; SAR(10 g) = 0.047 W/kg

Maximum value of SAR (measured) = 0.0754 W/kg



Test Laboratory: Audix SAR Lab

Date: 27/03/2018

Head Touch Left CH9262(1850MHz)

DUT: Gemini; M/N: Gemini 4G

Communication System: UID 0, WCDMA(UMTS-FDD, 12.2Kbit/s) (0); Communication

System Band: Band Class II (PCS 1900MHz); Frequency: 1850 MHz; Communication

System PAR: 0 dB

Medium parameters used: $f = 1850\text{MHz}$; $\sigma = 1.53\text{ S/m}$; $\epsilon_r = 51.24$; $\rho = 1000\text{ kg/m}^3$

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(7.83, 7.83, 7.83); 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 CH9262(1850MHz)/Area Scan (121x61x1):

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

Maximum value of SAR (interpolated) = 0.188 W/kg

Configuration/Head Touch Left CH9262(1850MHz)/Zoom Scan

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

Reference Value = 2.673 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.224 W/kg

SAR(1 g) = 0.162 W/kg; SAR(10 g) = 0.109 W/kg

Maximum value of SAR (measured) = 0.172 W/kg



Test Laboratory: Audix SAR Lab

Date: 27/03/2018

Head Touch Right CH9262(1850MHz)

DUT: Gemini; M/N: Gemini 4G

Communication System: UID 0, WCDMA(UMTS-FDD, 12.2Kbit/s) (0); Communication

System Band: Band Class II (PCS 1900MHz); Frequency: 1850 MHz; Communication

System PAR: 0 dB

Medium parameters used: $f = 1850 \text{ MHz}$; $\sigma = 1.53 \text{ S/m}$; $\epsilon_r = 51.24$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(7.83, 7.83, 7.83); 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 CH9262(1850MHz)/Area Scan (121x61x1):

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

Maximum value of SAR (interpolated) = 0.729 W/kg

Configuration/Head Touch Right CH9262(1850MHz)/Zoom Scan

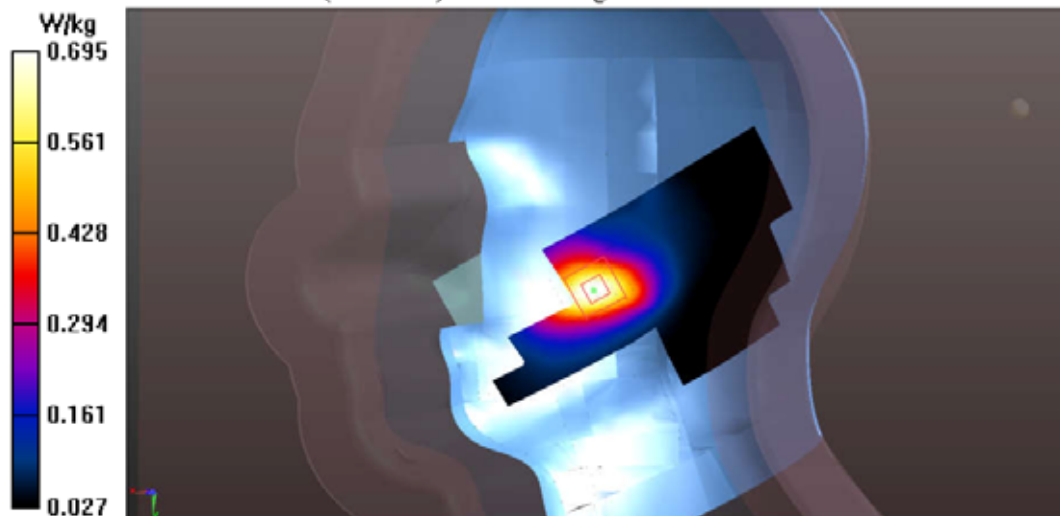
(5x5x7)/Cube 0: Measurement grid: $dx = 8\text{mm}$, $dy = 8\text{mm}$, $dz = 5\text{mm}$

Reference Value = 3.595 V/m ; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 1.00 W/kg

SAR(1 g) = 0.632 W/kg ; SAR(10 g) = 0.378 W/kg

Maximum value of SAR (measured) = 0.695 W/kg



Test Laboratory: Audix SAR Lab

Date: 11/08/2018

Head Touch Left CH9262(1850MHz)

DUT: Gemini; M/N: Gemini 4G

Communication System: UID 0, WCDMA(UMTS-FDD, 12.2Kbit/s) (0); Communication

System Band: Band Class II (PCS 1900MHz); Frequency: 1850 MHz; Communication

System PAR: 0 dB

Medium parameters used: $f = 1850 \text{ MHz}$; $\sigma = 1.53 \text{ S/m}$; $\epsilon_r = 51.24$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(7.83, 7.83, 7.83); 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 CH9262(1850MHz)/Area Scan (121x61x1):

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

Maximum value of SAR (interpolated) = 0.651 W/kg

Configuration/Head Touch Left CH9262(1850MHz)/Zoom Scan

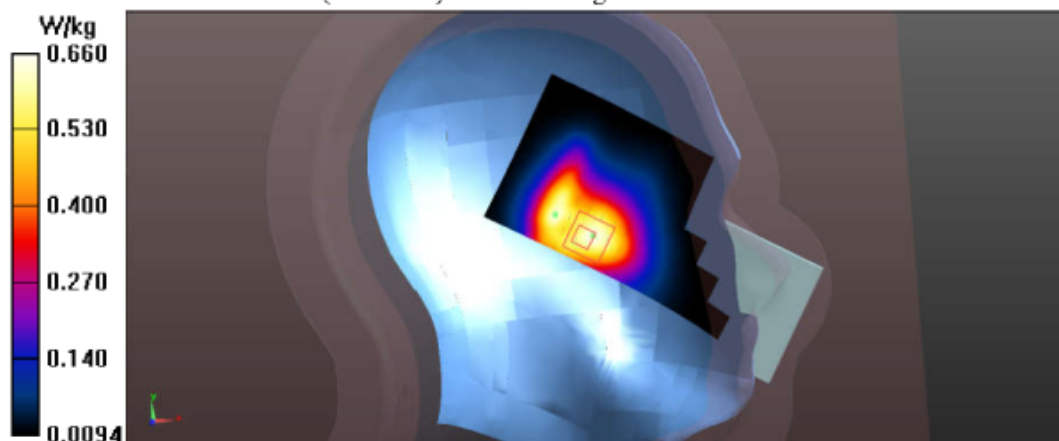
(5x5x7)/Cube 0: Measurement grid: $dx = 8\text{mm}$, $dy = 8\text{mm}$, $dz = 5\text{mm}$

Reference Value = 19.11 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 1.11 W/kg

SAR(1 g) = 0.127 W/kg; SAR(10 g) = 0.085 W/kg

Maximum value of SAR (measured) = 0.660 W/kg



Test Laboratory: Audix SAR Lab

Date: 11/08/2018

Head Touch Right CH9262(1850MHz)

DUT: Gemini; M/N: Gemini 4G

Communication System: UID 0, WCDMA(UMTS-FDD, 12.2Kbit/s) (0); Communication

System Band: Band Class II (PCS 1900MHz); Frequency: 1850 MHz; Communication

System PAR: 0 dB

Medium parameters used: $f = 1850 \text{ MHz}$; $\sigma = 1.53 \text{ S/m}$; $\epsilon_r = 51.24$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(7.83, 7.83, 7.83); 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 CH9262(1850MHz)/Area Scan (121x61x1):

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

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

Configuration/Head Touch Right CH9262(1850MHz)/Zoom Scan

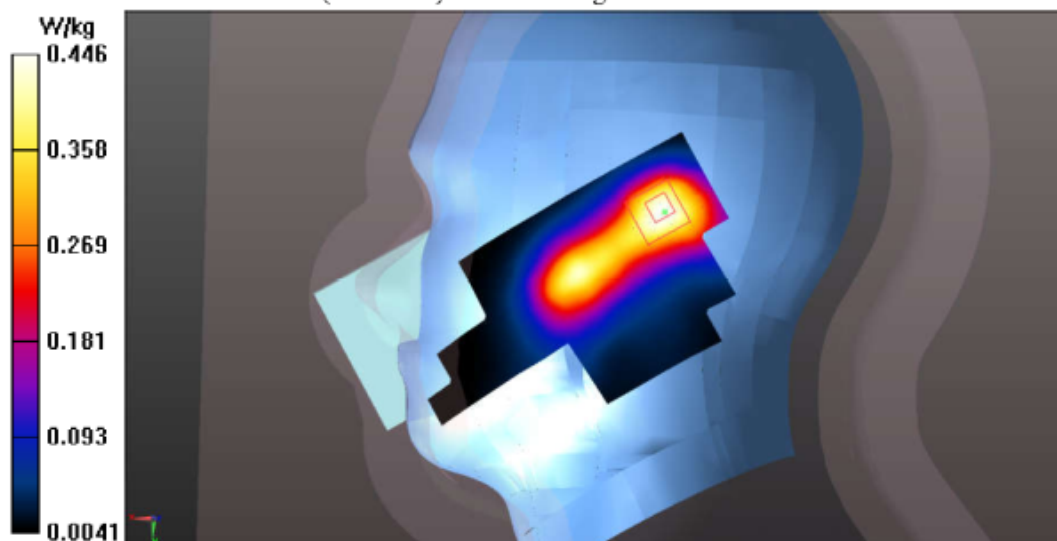
(5x5x7)/Cube 0: Measurement grid: $dx = 8\text{mm}$, $dy = 8\text{mm}$, $dz = 5\text{mm}$

Reference Value = 16.28 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.843 W/kg

SAR(1 g) = 0.419 W/kg; SAR(10 g) = 0.216 W/kg

Maximum value of SAR (measured) = 0.446 W/kg



Test Laboratory: Audix SAR Lab

Date: 29/03/2018

CH4132(826.4MHz Front)

DUT: Gemini; M/N: Gemini 4G

Communication System: UID 0, WCDMA(UMTS-FDD,12.2Kbit/s) (0); Communication System Band: Band Class V (CLR 850MHz); Frequency: 826.4 MHz; Communication System PAR: 0 dB

Medium parameters used (interpolated): $f = 826.4 \text{ MHz}$; $\sigma = 0.882 \text{ S/m}$; $\epsilon_r = 41.602$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(9.60, 9.60, 9.60); 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/CH4132(826.4MHz Front)/Area Scan (61x81x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 1.13 W/kg

Configuration/CH4132(826.4MHz Front)/Zoom Scan (5x5x7)/Cube 0:

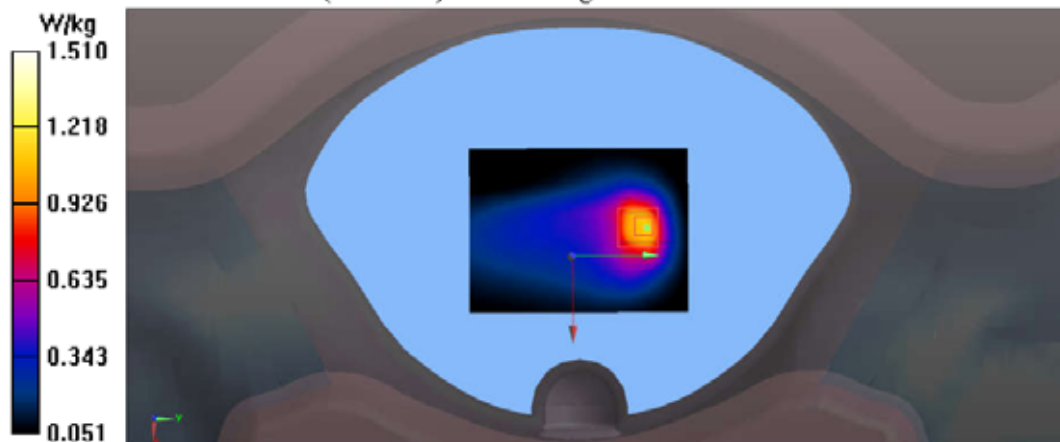
Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 21.64 V/m ; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 2.72 W/kg

SAR(1 g) = 0.633 W/kg ; SAR(10 g) = 0.497 W/kg

Maximum value of SAR (measured) = 1.51 W/kg



Test Laboratory: Audix SAR Lab

Date: 29/03/2018

CH4132(826.4MHz Right)

DUT: Gemini; M/N: Gemini 4G

Communication System: UID 0, WCDMA(UMTS-FDD, 12.2Kbit/s) (0); Communication System Band: Band Class V (CLR 850MHz); Frequency: 826.4 MHz; Communication System PAR: 0 dB

Medium parameters used (interpolated): $f = 826.4 \text{ MHz}$; $\sigma = 0.882 \text{ S/m}$; $\epsilon_r = 41.602$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(9.60, 9.60, 9.60); 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/CH4132(826.4MHz Right)/Area Scan (61x81x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.0421 W/kg

Configuration/CH4132(826.4MHz Right)/Zoom Scan (5x5x7)/Cube 0:

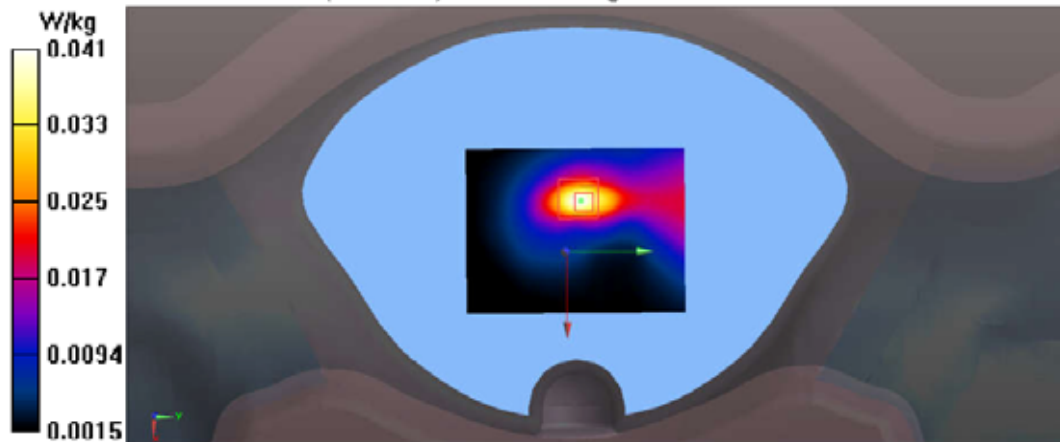
Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 4.798 V/m ; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.0930 W/kg

SAR(1 g) = 0.038 W/kg ; SAR(10 g) = 0.020 W/kg

Maximum value of SAR (measured) = 0.0411 W/kg



Test Laboratory: Audix SAR Lab

Date: 29/03/2018

CH4132(826.4MHz Top)

DUT: Gemini; M/N: Gemini 4G

Communication System: UID 0, WCDMA(UMTS-FDD,12.2Kbit/s) (0); Communication System Band: Band Class V (CLR 850MHz); Frequency: 826.4 MHz; Communication System PAR: 0 dB

Medium parameters used (interpolated): $f = 826.4 \text{ MHz}$; $\sigma = 0.882 \text{ S/m}$; $\epsilon_r = 41.602$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(9.60, 9.60, 9.60); 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/CH4132(826.4MHz Top)/Area Scan (61x81x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.238 W/kg

Configuration/CH4132(826.4MHz Top)/Zoom Scan (5x5x7)/Cube 0:

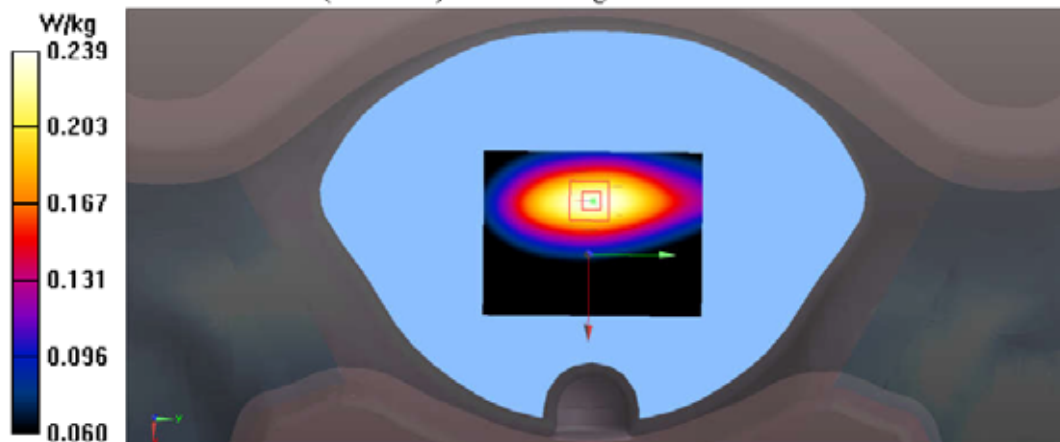
Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 14.41 V/m ; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.281 W/kg

SAR(1 g) = 0.229 W/kg ; SAR(10 g) = 0.180 W/kg

Maximum value of SAR (measured) = 0.239 W/kg



Test Laboratory: Audix SAR Lab

Date: 29/03/2018

Head 15 Degree Left CH4132(826.4MHz)

DUT: Gemini; M/N: Gemini 4G

Communication System: UID 0, WCDMA(UMTS-FDD, 12.2Kbit/s) (0); Communication System Band: Band Class V (CLR 850MHz); Frequency: 826.4 MHz; Communication System PAR: 0 dB

Medium parameters used (interpolated): $f = 826.4 \text{ MHz}$; $\sigma = 0.882 \text{ S/m}$; $\epsilon_r = 41.602$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(9.60, 9.60, 9.60); 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 CH4132(826.4MHz)/Area Scan

(121x61x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.00457 W/kg

Configuration/Head 15 Degree Left CH4132(826.4MHz)/Zoom Scan

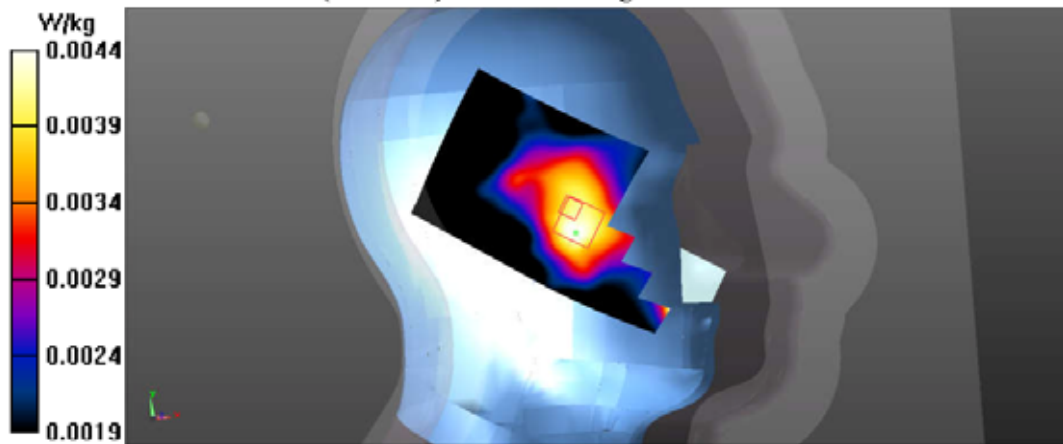
(5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 1.205 V/m; Power Drift = 0.20 dB

Peak SAR (extrapolated) = 0.00444 W/kg

SAR(1 g) = 0.00414 W/kg; SAR(10 g) = 0.00383 W/kg

Maximum value of SAR (measured) = 0.00444 W/kg



Test Laboratory: Audix SAR Lab

Date: 29/03/2018

Head 15 Degree Right CH4132(826.4MHz)

DUT: Gemini; M/N: Gemini 4G

Communication System: UID 0, WCDMA(UMTS-FDD, 12.2Kbit/s) (0); Communication

System Band: Band Class V (CLR 850MHz); Frequency: 826.4 MHz; Communication

System PAR: 0 dB

Medium parameters used (interpolated): $f = 826.4 \text{ MHz}$; $\sigma = 0.882 \text{ S/m}$; $\epsilon_r = 41.602$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(9.60, 9.60, 9.60); 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 CH4132(826.4MHz)/Area Scan

(121x61x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.0397 W/kg

Configuration/Head 15 Degree Right CH4132(826.4MHz)/Zoom Scan

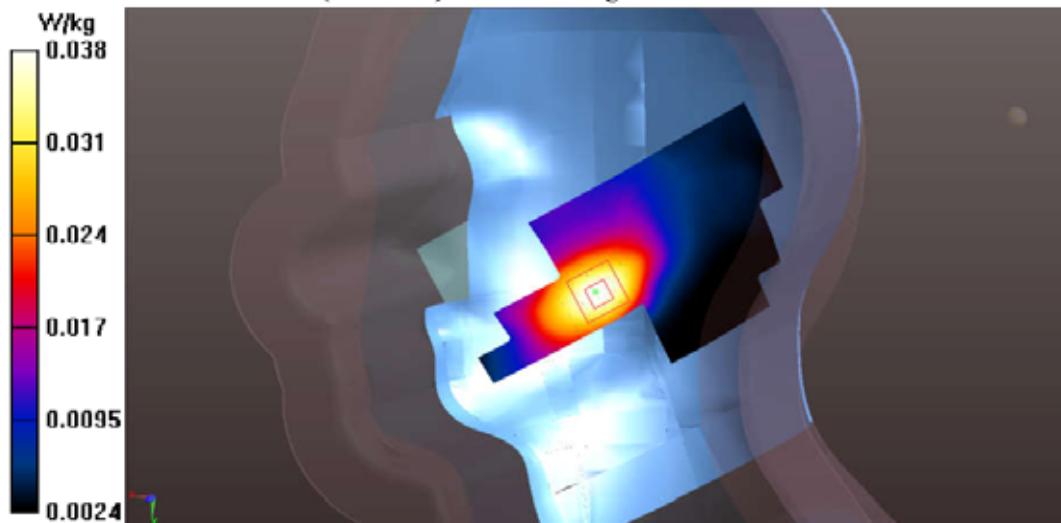
(5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 2.142 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.0520 W/kg

SAR(1 g) = 0.035 W/kg; SAR(10 g) = 0.023 W/kg

Maximum value of SAR (measured) = 0.0379 W/kg



Test Laboratory: Audix SAR Lab

Date: 29/03/2018

Head Touch Left CH4132(826.4MHz)

DUT: Gemini; M/N: Gemini 4G

Communication System: UID 0, WCDMA(UMTS-FDD, 12.2Kbit/s) (0); Communication System Band: Band Class V (CLR 850MHz); Frequency: 826.4 MHz; Communication System PAR: 0 dB

Medium parameters used (interpolated): $f = 826.4 \text{ MHz}$; $\sigma = 0.882 \text{ S/m}$; $\epsilon_r = 41.602$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(9.60, 9.60, 9.60); 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 CH4132(826.4MHz)/Area Scan (121x61x1):

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

Maximum value of SAR (interpolated) = 0.00499 W/kg

Configuration/Head Touch Left CH4132(826.4MHz)/Zoom Scan

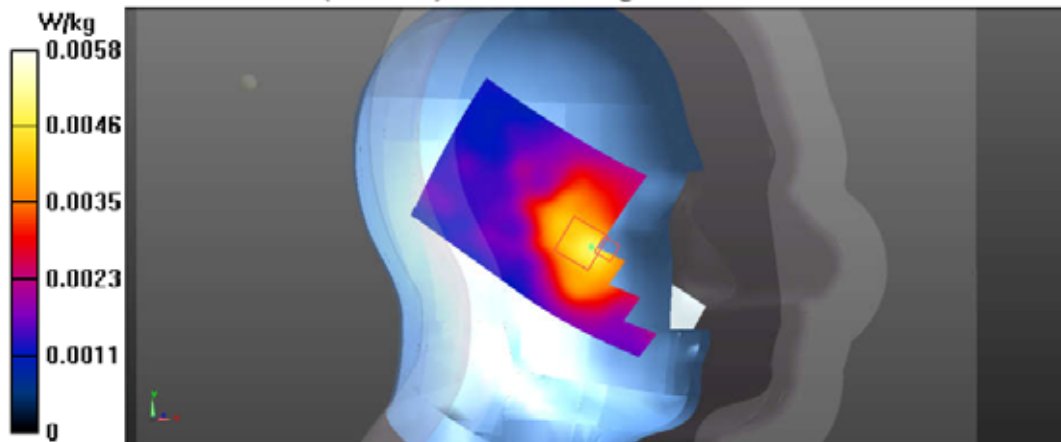
(5x5x7)/Cube 0: Measurement grid: $dx = 8\text{mm}$, $dy = 8\text{mm}$, $dz = 5\text{mm}$

Reference Value = 1.084 V/m ; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.00977 W/kg

SAR(1 g) = 0.00481 W/kg ; SAR(10 g) = 0.00418 W/kg

Maximum value of SAR (measured) = 0.00584 W/kg



Test Laboratory: Audix SAR Lab

Date: 29/03/2018

Head Touch Right CH4132(826.4MHz)

DUT: Gemini; M/N: Gemini 4G

Communication System: UID 0, WCDMA(UMTS-FDD, 12.2Kbit/s) (0); Communication System Band: Band Class V (CLR 850MHz); Frequency: 826.4 MHz; Communication System PAR: 0 dB

Medium parameters used (interpolated): $f = 826.4 \text{ MHz}$; $\sigma = 0.882 \text{ S/m}$; $\epsilon_r = 41.602$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(9.60, 9.60, 9.60); 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 CH4132(826.4MHz)/Area Scan (121x61x1):

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

Maximum value of SAR (interpolated) = 0.309 W/kg

Configuration/Head Touch Right CH4132(826.4MHz)/Zoom Scan

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

Reference Value = 10.79 V/m ; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.440 W/kg

SAR(1 g) = 0.295 W/kg ; SAR(10 g) = 0.243 W/kg

Maximum value of SAR (measured) = 0.300 W/kg

