

APPENDIX A

Graph Results (GSM & UMTS & E-UTRA)

Test Mode: GSM850

Test Laboratory: Audix SAR Lab

Date: 02/08/2023

CH128(824.2MHz Back)

DUT:4G Wireless Data Terminal M/N:CAW23A301

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

Class0(824-849MHz); Frequency: 824.2 MHz; Communication System PAR: 0 dB

Medium parameters used (interpolated): $f = 824.2 \text{ MHz}$; $\sigma = 0.88 \text{ S/m}$; $\epsilon_r = 41.628$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(9.61, 9.61, 9.61); Calibrated: 12/06/2023;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 17/05/2023
- Phantom: SAM1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH128(824.2MHz Back)/Area Scan (61x81x1): Interpolated grid:

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

Maximum value of SAR (interpolated) = 0.0778 W/kg

Configuration/CH128(824.2MHz Back)/Zoom Scan (5x5x7)/Cube 0:

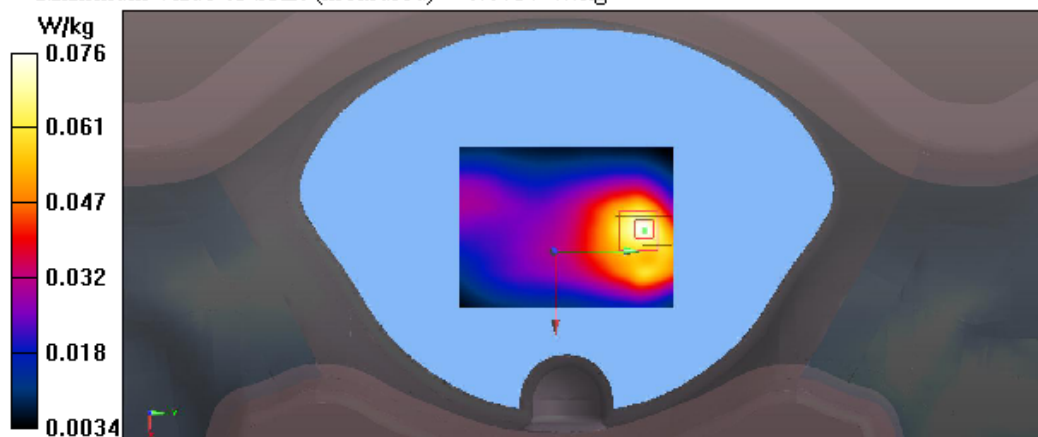
Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 5.951 V/m ; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.120 W/kg

SAR(1 g) = 0.069 W/kg ; SAR(10 g) = 0.042 W/kg

Maximum value of SAR (measured) = 0.0757 W/kg



Test Laboratory: Audix SAR Lab

Date: 02/08/2023

CH128(824.2MHz Bottom)

DUT:4G Wireless Data Terminal M/N:CAW23A301

Communication System: UID 0, GSM850 (0); Communication System Band: Band Class0(824-849MHz); Frequency: 824.2 MHz; Communication System PAR: 0 dB

Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.88$ S/m; $\epsilon_r = 41.628$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(9.61, 9.61, 9.61); Calibrated: 12/06/2023;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 17/05/2023
- Phantom: SAM1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH128(824.2MHz Bottom)/Area Scan (61x81x1): Interpolated

grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.00759 W/kg

Configuration/CH128(824.2MHz Bottom)/Zoom Scan (5x5x7)/Cube 0:

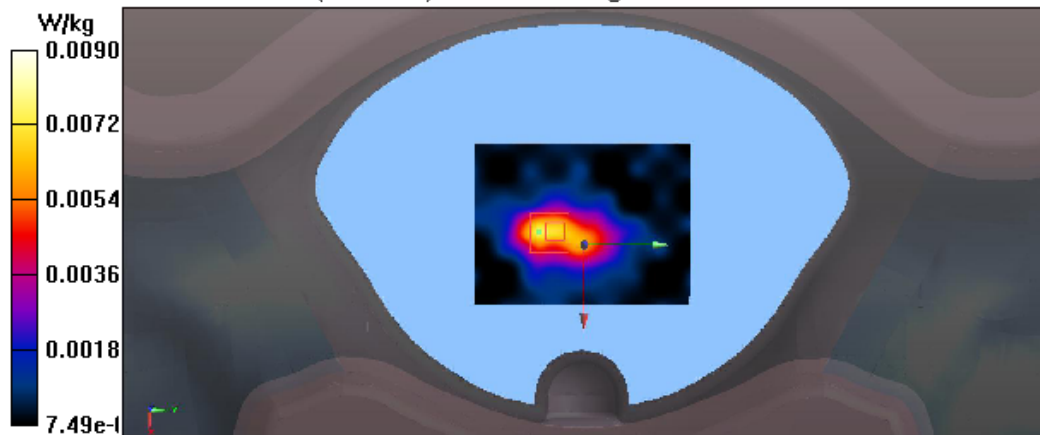
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.016 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.0140 W/kg

SAR(1 g) = 0.00738 W/kg; SAR(10 g) = 0.0037 W/kg

Maximum value of SAR (measured) = 0.00907 W/kg



Test Laboratory: Audix SAR Lab

Date: 02/08/2023

CH128(824.2MHz Front)

DUT:4G Wireless Data Terminal M/N:CAW23A301

Communication System: UID 0, GSM850 (0); Communication System Band: Band Class0(824-849MHz); Frequency: 824.2 MHz; Communication System PAR: 0 dB

Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.88$ S/m; $\epsilon_r = 41.628$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(9.61, 9.61, 9.61); Calibrated: 12/06/2023;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 17/05/2023
- Phantom: SAM1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH128(824.2MHz Front)/Area Scan (61x81x1): Interpolated grid:

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

Maximum value of SAR (interpolated) = 0.0641 W/kg

Configuration/CH128(824.2MHz Front)/Zoom Scan (5x5x7)/Cube 0:

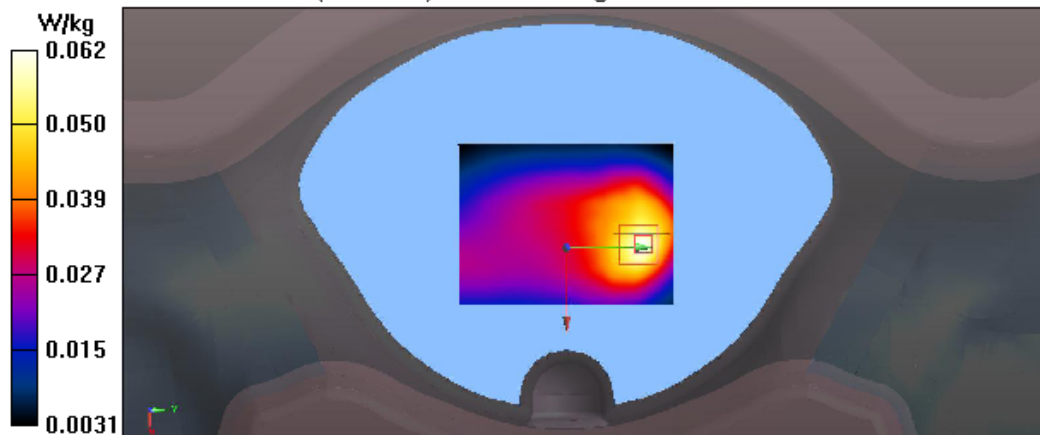
Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 6.047 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.0990 W/kg

SAR(1 g) = 0.057 W/kg; SAR(10 g) = 0.035 W/kg

Maximum value of SAR (measured) = 0.0623 W/kg



Test Laboratory: Audix SAR Lab

Date: 02/08/2023

CH128(824.2MHz Left)

DUT:4G Wireless Data Terminal M/N:CAW23A301

Communication System: UTD 0, GSM850 (0); Communication System Band: Band Class0(824-849MHz); Frequency: 824.2 MHz; Communication System PAR: 0 dB

Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.88$ S/m; $\epsilon_r = 41.628$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(9.61, 9.61, 9.61); Calibrated: 12/06/2023;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 17/05/2023
- Phantom: SAM1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH128(824.2MHz Left)/Area Scan (61x81x1): Interpolated grid:

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

Maximum value of SAR (interpolated) = 0.0548 W/kg

Configuration/CH128(824.2MHz Left)/Zoom Scan (5x5x7)/Cube 0:

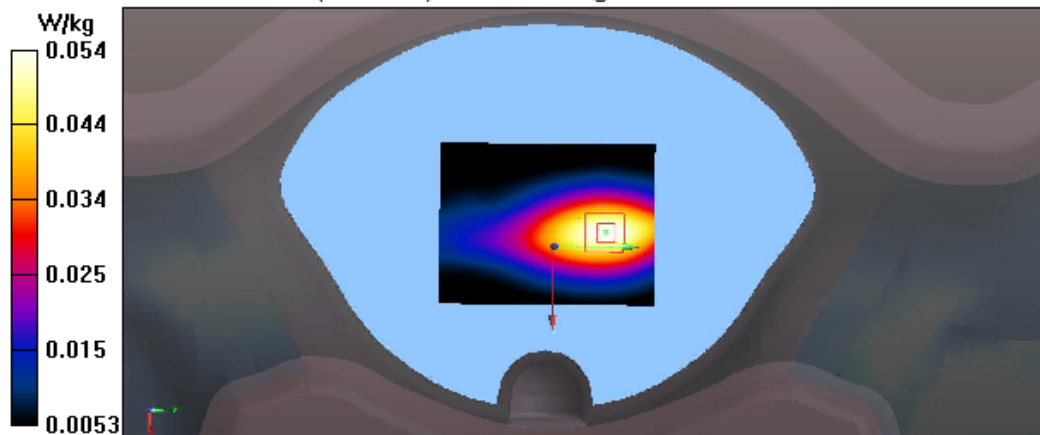
Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 5.788 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.0730 W/kg

SAR(1 g) = 0.050 W/kg; SAR(10 g) = 0.033 W/kg

Maximum value of SAR (measured) = 0.0539 W/kg



Test Laboratory: Audix SAR Lab

Date: 02/08/2023

CH128(824.2MHz Right)

DUT:4G Wireless Data Terminal M/N:CAW23A301

Communication System: UTD 0, GSM850 (0); Communication System Band: Band Class0(824-849MHz); Frequency: 824.2 MHz; Communication System PAR: 0 dB

Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.88$ S/m; $\epsilon_r = 41.628$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(9.61, 9.61, 9.61); Calibrated: 12/06/2023;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 17/05/2023
- Phantom: SAM1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH128(824.2MHz Right)/Area Scan (61x81x1): Interpolated grid:

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

Maximum value of SAR (interpolated) = 0.0133 W/kg

Configuration/CH128(824.2MHz Right)/Zoom Scan (5x5x7)/Cube 0:

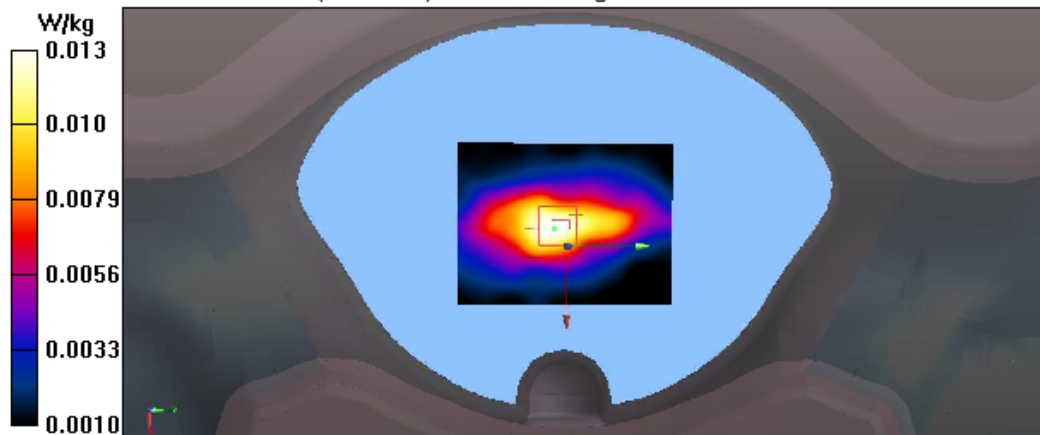
Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 3.210 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.0180 W/kg

SAR(1 g) = 0.011 W/kg; SAR(10 g) = 0.00698 W/kg

Maximum value of SAR (measured) = 0.0125 W/kg



Test Laboratory: Audix SAR Lab

Date: 02/08/2023

CH190(836.6MHz Back)

DUT:4G Wireless Data Terminal M/N:CAW23A301

Communication System: UTD 0, GSM850 (0); Communication System Band: Band Class0(824-849MHz); Frequency: 836.6 MHz; Communication System PAR: 0 dB

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.89$ S/m; $\epsilon_r = 41.478$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(9.61, 9.61, 9.61); Calibrated: 12/06/2023;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 17/05/2023
- Phantom: SAM1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH190(836.6MHz Back)/Area Scan (61x81x1): Interpolated grid:

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

Maximum value of SAR (interpolated) = 0.0790 W/kg

Configuration/CH190(836.6MHz Back)/Zoom Scan (5x5x7)/Cube 0:

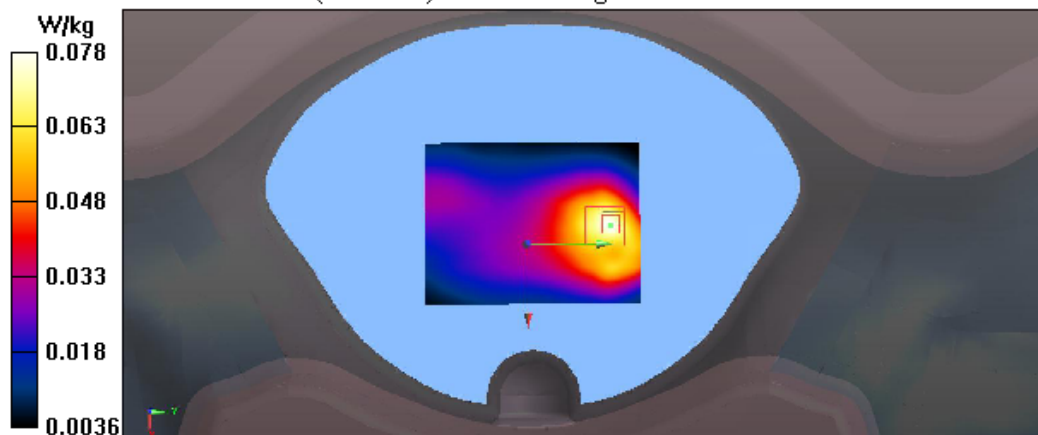
Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 5.977 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.126 W/kg

SAR(1 g) = 0.071 W/kg; SAR(10 g) = 0.043 W/kg

Maximum value of SAR (measured) = 0.0777 W/kg



Test Laboratory: Audix SAR Lab

Date: 02/08/2023

CH251(848.8MHz Back)

DUT:4G Wireless Data Terminal M/N:CAW23A301

Communication System: UID 0, GSM850 (0); Communication System Band: Band Class0(824-849MHz); Frequency: 848.8 MHz; Communication System PAR: 0 dB

Medium parameters used (interpolated): $f = 848.8 \text{ MHz}$; $\sigma = 0.899 \text{ S/m}$; $\epsilon_r = 41.325$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(9.61, 9.61, 9.61); Calibrated: 12/06/2023;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 17/05/2023
- Phantom: SAM1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH251(848.8MHz Back)/Area Scan (61x81x1): Interpolated grid:

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

Maximum value of SAR (interpolated) = 0.0807 W/kg

Configuration/CH251(848.8MHz Back)/Zoom Scan (5x5x7)/Cube 0:

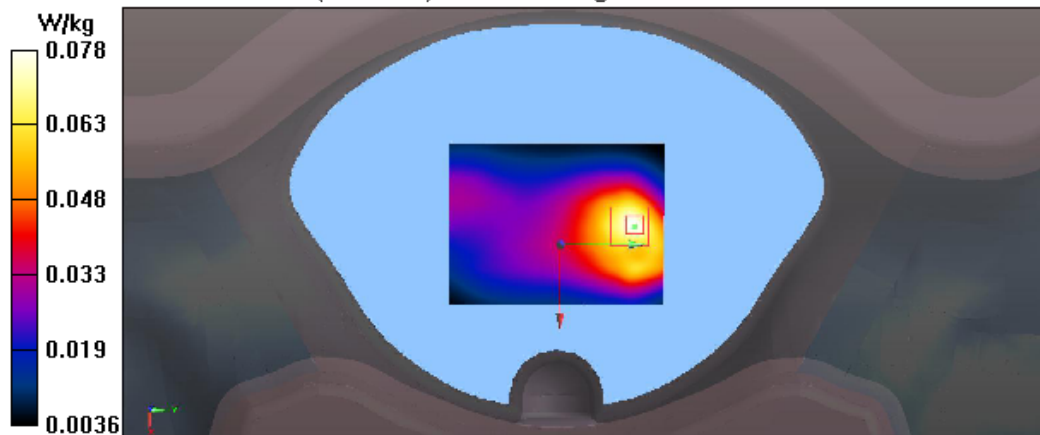
Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 6.017 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.123 W/kg

SAR(1 g) = 0.072 W/kg; SAR(10 g) = 0.044 W/kg

Maximum value of SAR (measured) = 0.0783 W/kg



Test Mode: GSM1900

Test Laboratory: Audix SAR Lab

Date: 01/08/2023

CH512(1850.2MHz Back)

DUT:4G Wireless Data Terminal M/N:CAW23A301

Communication System: UID 0, GSM1900 (0); Communication System Band: Band Class0(1850-1910MHz); Frequency: 1850.2 MHz; Communication System PAR: 0 dB

Medium parameters used: $f = 1850.2 \text{ MHz}$; $\sigma = 1.42 \text{ S/m}$; $\epsilon_r = 39.87$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(8.13, 8.13, 8.13); Calibrated: 12/06/2023;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 17/05/2023
- Phantom: SAM1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH512(1850.2MHz Back)/Area Scan (61x81x1): Interpolated grid:

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

Maximum value of SAR (interpolated) = 0.395 W/kg

Configuration/CH512(1850.2MHz Back)/Zoom Scan (5x5x7)/Cube 0:

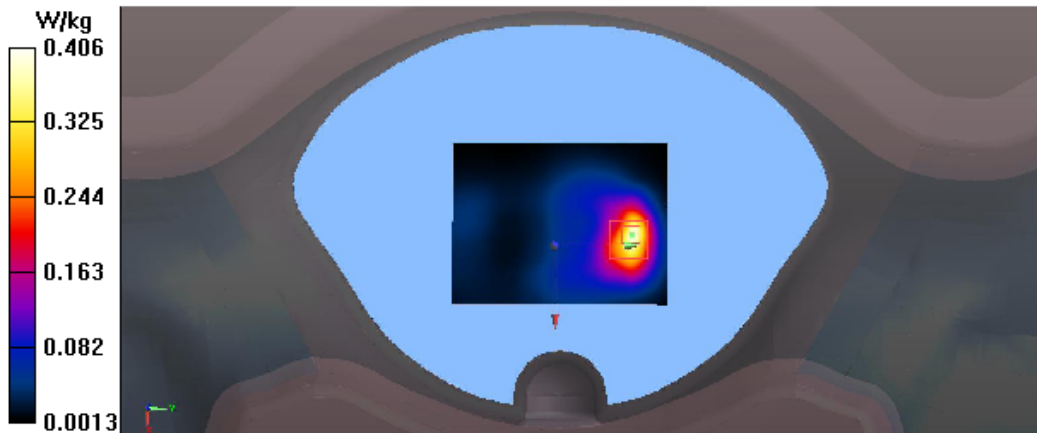
Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 6.413 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.773 W/kg

SAR(1 g) = 0.358 W/kg; SAR(10 g) = 0.167 W/kg

Maximum value of SAR (measured) = 0.406 W/kg



Test Laboratory: Audix SAR Lab

Date: 01/08/2023

CH512(1850.2MHz Bottom)

DUT:4G Wireless Data Terminal M/N:CAW23A301

Communication System: UID 0, GSM1900 (0); Communication System Band: Band Class0(1850-1910MHz); Frequency: 1850.2 MHz; Communication System PAR: 0 dB

Medium parameters used: $f = 1850.2 \text{ MHz}$; $\sigma = 1.42 \text{ S/m}$; $\epsilon_r = 39.87$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(8.13, 8.13, 8.13); Calibrated: 12/06/2023;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 17/05/2023
- Phantom: SAM1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH512(1850.2MHz Bottom)/Area Scan (61x81x1): Interpolated

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

Maximum value of SAR (interpolated) = 0.360 W/kg

Configuration/CH512(1850.2MHz Bottom)/Zoom Scan (5x5x7)/Cube 0:

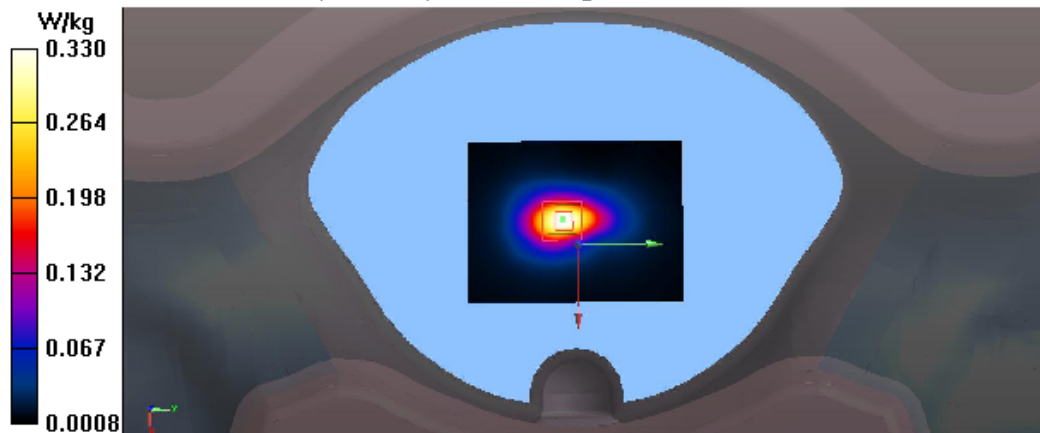
Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 14.28 V/m ; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.608 W/kg

SAR(1 g) = 0.295 W/kg ; SAR(10 g) = 0.140 W/kg

Maximum value of SAR (measured) = 0.330 W/kg



Test Laboratory: Audix SAR Lab

Date: 01/08/2023

CH512(1850.2MHz Front)

DUT:4G Wireless Data Terminal M/N:CAW23A301

Communication System: UID 0, GSM1900 (0); Communication System Band: Band Class0(1850-1910MHz); Frequency: 1850.2 MHz; Communication System PAR: 0 dB

Medium parameters used: $f = 1850.2 \text{ MHz}$; $\sigma = 1.42 \text{ S/m}$; $\epsilon_r = 39.87$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(8.13, 8.13, 8.13); Calibrated: 12/06/2023;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 17/05/2023
- Phantom: SAM1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH512(1850.2MHz Front)/Area Scan (61x81x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.145 W/kg

Configuration/CH512(1850.2MHz Front)/Zoom Scan (5x5x7)/Cube 0:

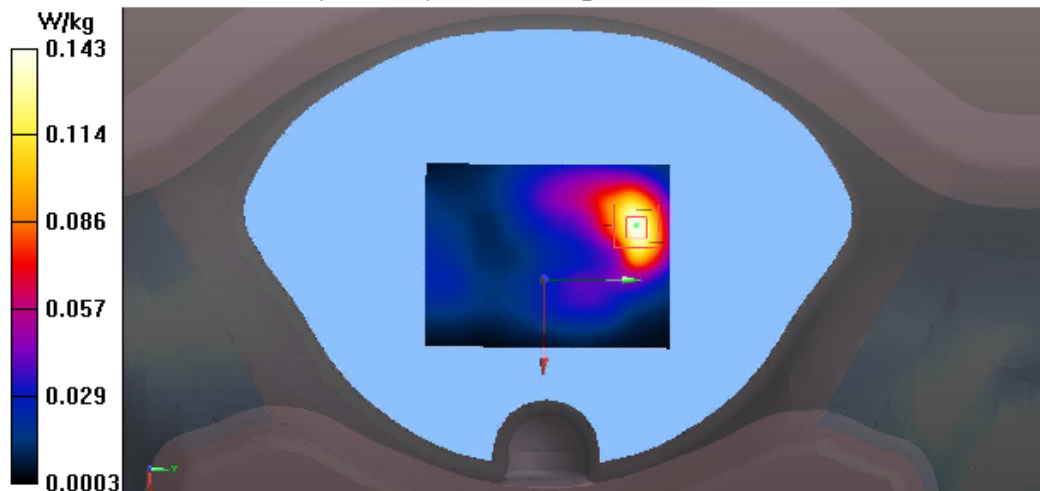
Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 4.346 V/m ; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.266 W/kg

SAR(1 g) = 0.130 W/kg ; SAR(10 g) = 0.065 W/kg

Maximum value of SAR (measured) = 0.143 W/kg



Test Laboratory: Audix SAR Lab

Date: 01/08/2023

CH512(1850.2MHz Left)

DUT:4G Wireless Data Terminal M/N:CAW23A301

Communication System: UID 0, GSM1900 (0); Communication System Band: Band Class0(1850-1910MHz); Frequency: 1850.2 MHz; Communication System PAR: 0 dB

Medium parameters used: $f = 1850.2 \text{ MHz}$; $\sigma = 1.42 \text{ S/m}$; $\epsilon_r = 39.87$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(8.13, 8.13, 8.13); Calibrated: 12/06/2023;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 17/05/2023
- Phantom: SAM1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH512(1850.2MHz Left)/Area Scan (61x81x1): Interpolated grid:

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

Maximum value of SAR (interpolated) = 0.0572 W/kg

Configuration/CH512(1850.2MHz Left)/Zoom Scan (5x5x7)/Cube 0:

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

Reference Value = 3.598 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.0990 W/kg

SAR(1 g) = 0.051 W/kg; SAR(10 g) = 0.027 W/kg

Maximum value of SAR (measured) = 0.0563 W/kg



Test Laboratory: Audix SAR Lab

Date: 01/08/2023

CH512(1850.2MHz Right)

DUT:4G Wireless Data Terminal M/N:CAW23A301

Communication System: UID 0, GSM1900 (0); Communication System Band: Band Class0(1850-1910MHz); Frequency: 1850.2 MHz; Communication System PAR: 0 dB

Medium parameters used: $f = 1850.2 \text{ MHz}$; $\sigma = 1.42 \text{ S/m}$; $\epsilon_r = 39.87$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(8.13, 8.13, 8.13); Calibrated: 12/06/2023;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 17/05/2023
- Phantom: SAM1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH512(1850.2MHz Right)/Area Scan (61x81x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

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

Configuration/CH512(1850.2MHz Right)/Zoom Scan (5x5x7)/Cube 0:

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

Reference Value = 3.755 V/m ; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.0700 W/kg

SAR(1 g) = 0.034 W/kg ; SAR(10 g) = 0.018 W/kg

Maximum value of SAR (measured) = 0.0380 W/kg



Test Laboratory: Audix SAR Lab

Date: 01/08/2023

CH661(1880MHz Back)

DUT:4G Wireless Data Terminal M/N:CAW23A301

Communication System: UID 0, GSM1900 (0); Communication System Band: Band Class0(1850-1910MHz); Frequency: 1880 MHz; Communication System PAR: 0 dB

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.45 \text{ S/m}$; $\epsilon_r = 39.74$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(8.13, 8.13, 8.13); Calibrated: 12/06/2023;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 17/05/2023
- Phantom: SAM1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH661(1880MHz Back)/Area Scan (61x81x1): Interpolated grid:

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

Maximum value of SAR (interpolated) = 0.410 W/kg

Configuration/CH661(1880MHz Back)/Zoom Scan (5x5x7)/Cube 0:

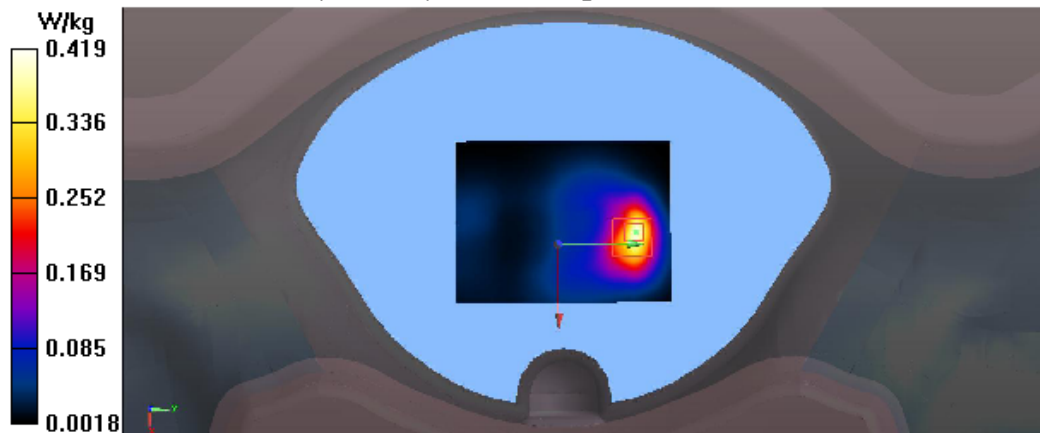
Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 6.363 V/m ; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.819 W/kg

SAR(1 g) = 0.370 W/kg ; SAR(10 g) = 0.172 W/kg

Maximum value of SAR (measured) = 0.419 W/kg



Test Laboratory: Audix SAR Lab

Date: 01/08/2023

CH810(1909.8MHz Back)

DUT:4G Wireless Data Terminal M/N:CAW23A301

Communication System: UID 0, GSM1900 (0); Communication System Band: Band Class0(1850-1910MHz); Frequency: 1909.8 MHz; Communication System PAR: 0 dB

Medium parameters used: $f = 1909.8 \text{ MHz}$; $\sigma = 1.48 \text{ S/m}$; $\epsilon_r = 39.6$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(8.13, 8.13, 8.13); Calibrated: 12/06/2023;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 17/05/2023
- Phantom: SAM1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH810(1909.8MHz Back)/Area Scan (61x81x1): Interpolated grid:

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

Maximum value of SAR (interpolated) = 0.422 W/kg

Configuration/CH810(1909.8MHz Back)/Zoom Scan (5x5x7)/Cube 0:

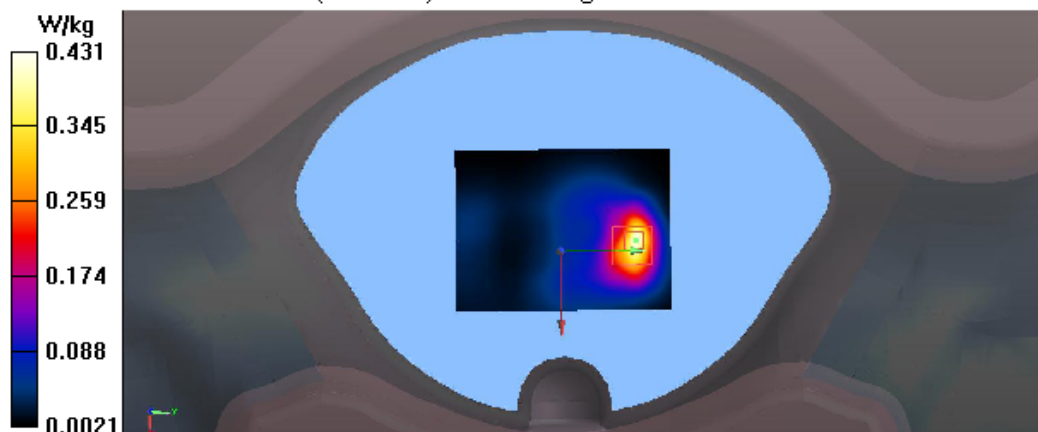
Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 6.421 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.836 W/kg

SAR(1 g) = 0.380 W/kg; SAR(10 g) = 0.176 W/kg

Maximum value of SAR (measured) = 0.431 W/kg



Test Mode: UMTS Band 2

Test Laboratory: Audix SAR Lab

Date: 01/08/2023

CH9262(1852.4MHz Back)

DUT:4G Wireless Data Terminal M/N:CAW23A301

Communication System: UID 0, WCDMA(UMTS-FDD,12.2Kbit/s) (0); Communication System Band: Band Class II (PCS 1900MHz); Frequency: 1852.4 MHz;Communication System PAR: 0 dB

Medium parameters used (interpolated): $f = 1852.4 \text{ MHz}$; $\sigma = 1.422 \text{ S/m}$; $\epsilon_r = 39.86$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(8.13, 8.13, 8.13); Calibrated: 12/06/2023;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 17/05/2023
- Phantom: SAM1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH9262(1852.4MHz Back)/Area Scan (61x81x1): Interpolated

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

Maximum value of SAR (interpolated) = 1.14 W/kg

Configuration/CH9262(1852.4MHz Back)/Zoom Scan (5x5x7)/Cube 0:

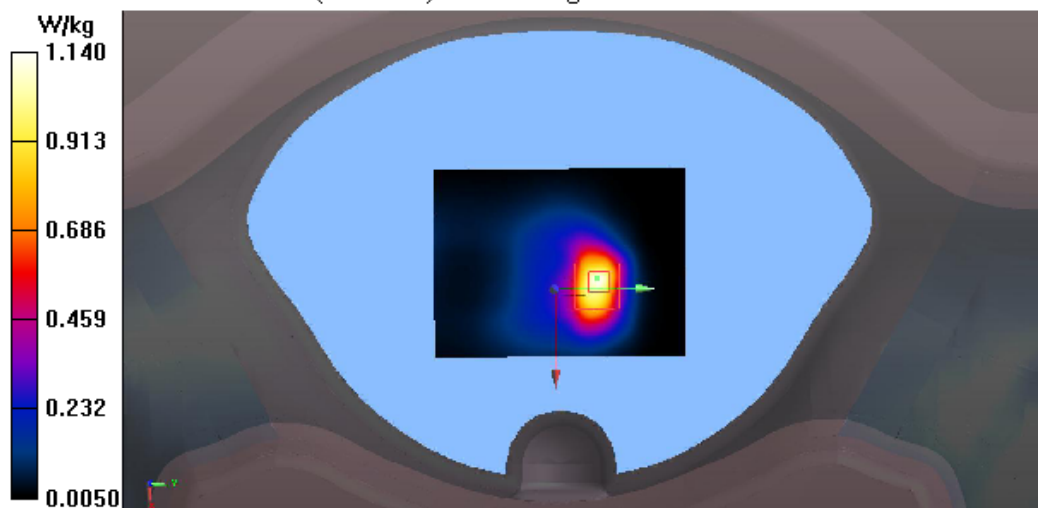
Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 13.21 V/m ; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 2.25 W/kg

SAR(1 g) = 0.795 W/kg ; SAR(10 g) = 0.453 W/kg

Maximum value of SAR (measured) = 1.14 W/kg



Test Laboratory: Audix SAR Lab

Date: 01/08/2023

CH9262(1852.4MHz Bottom)

DUT:4G Wireless Data Terminal M/N:CAW23A301

Communication System: UTD 0, WCDMA(UMTS-FDD,12.2Kbit/s) (0); Communication System Band: Band Class II (PCS 1900MHz); Frequency: 1852.4 MHz; Communication System PAR: 0 dB

Medium parameters used (interpolated): $f = 1852.4 \text{ MHz}$; $\sigma = 1.422 \text{ S/m}$; $\epsilon_r = 39.86$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(8.13, 8.13, 8.13); Calibrated: 12/06/2023;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 17/05/2023
- Phantom: SAM1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH9262(1852.4MHz Bottom)/Area Scan (61x81x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.843 W/kg

Configuration/CH9262(1852.4MHz Bottom)/Zoom Scan (5x5x7)/Cube 0:

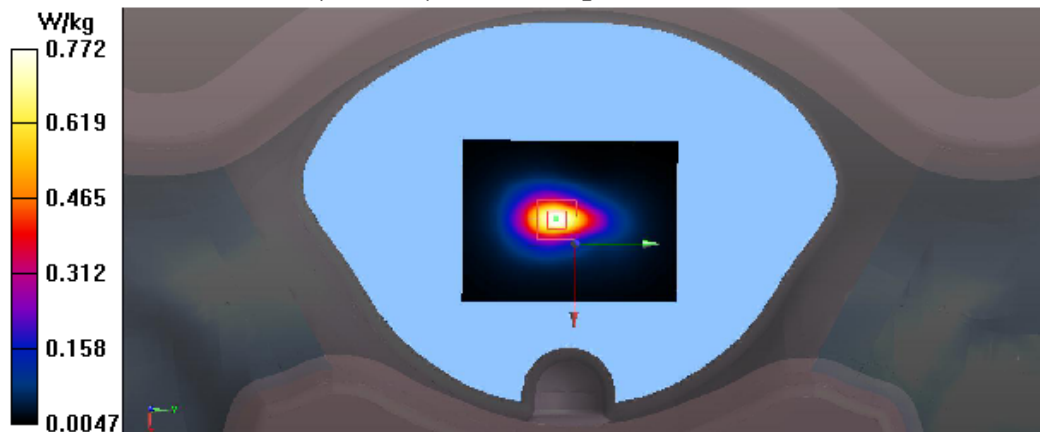
Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 21.93 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.41 W/kg

SAR(1 g) = 0.688 W/kg; SAR(10 g) = 0.326 W/kg

Maximum value of SAR (measured) = 0.772 W/kg



Test Laboratory: Audix SAR Lab

Date: 01/08/2023

CH9262(1852.4MHz Front)

DUT:4G Wireless Data Terminal M/N:CAW23A301

Communication System: UTD 0, WCDMA(UMTS-FDD,12.2Kbit/s) (0); Communication System Band: Band Class II (PCS 1900MHz); Frequency: 1852.4 MHz; Communication System PAR: 0 dB

Medium parameters used (interpolated): $f = 1852.4 \text{ MHz}$; $\sigma = 1.422 \text{ S/m}$; $\epsilon_r = 39.86$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(8.13, 8.13, 8.13); Calibrated: 12/06/2023;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 17/05/2023
- Phantom: SAM1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH9262(1852.4MHz Front)/Area Scan (61x81x1): Interpolated

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

Maximum value of SAR (interpolated) = 0.412 W/kg

Configuration/CH9262(1852.4MHz Front)/Zoom Scan (5x5x7)/Cube 0:

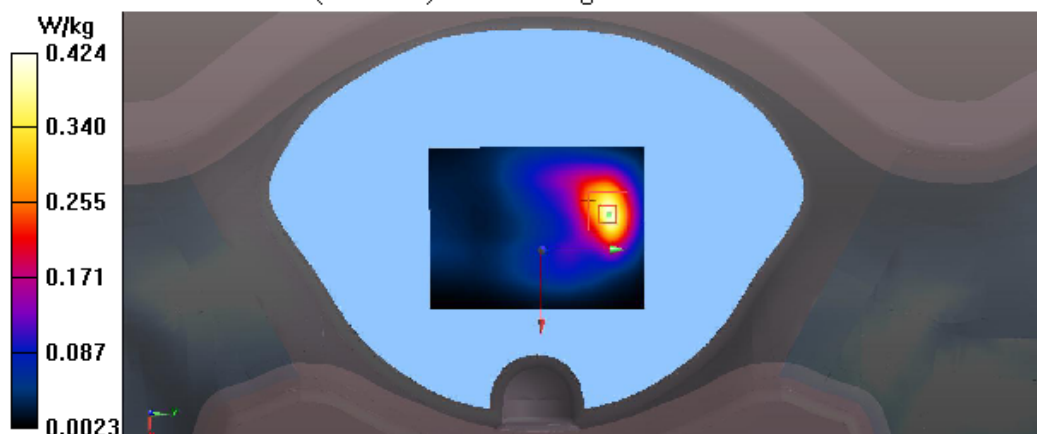
Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 6.588 V/m ; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.779 W/kg

SAR(1 g) = 0.378 W/kg ; SAR(10 g) = 0.187 W/kg

Maximum value of SAR (measured) = 0.424 W/kg



Test Laboratory: Audix SAR Lab

Date: 01/08/2023

CH9262(1852.4MHz Left)

DUT:4G Wireless Data Terminal M/N:CAW23A301

Communication System: UTD 0, WCDMA(UMTS-FDD,12.2Kbit/s) (0); Communication System Band: Band Class II (PCS 1900MHz); Frequency: 1852.4 MHz; Communication System PAR: 0 dB

Medium parameters used (interpolated): $f = 1852.4 \text{ MHz}$; $\sigma = 1.422 \text{ S/m}$; $\epsilon_r = 39.86$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(8.13, 8.13, 8.13); Calibrated: 12/06/2023;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 17/05/2023
- Phantom: SAM1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH9262(1852.4MHz Left)/Area Scan (61x81x1): Interpolated

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

Maximum value of SAR (interpolated) = 0.0708 W/kg

Configuration/CH9262(1852.4MHz Left)/Zoom Scan (5x5x7)/Cube 0:

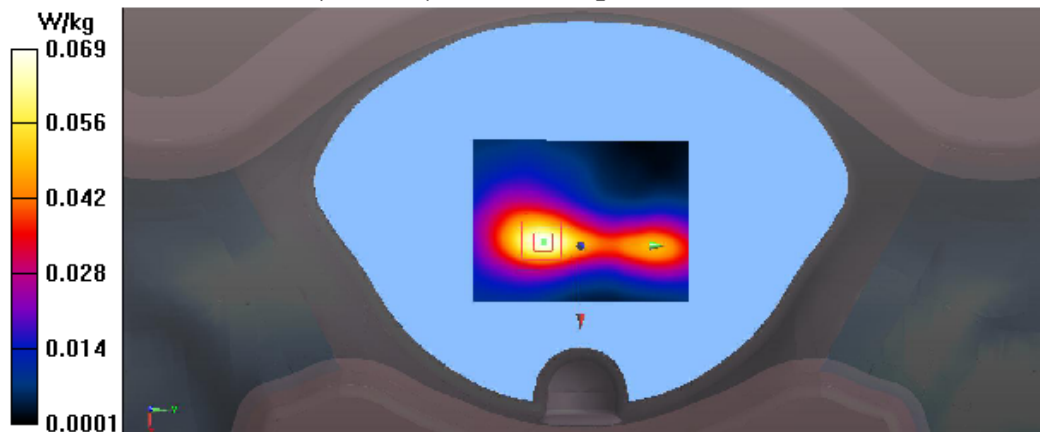
Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 3.706 V/m ; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.121 W/kg

SAR(1 g) = 0.064 W/kg ; SAR(10 g) = 0.035 W/kg

Maximum value of SAR (measured) = 0.0694 W/kg



Test Laboratory: Audix SAR Lab

Date: 01/08/2023

CH9262(1852.4MHz Right)

DUT:4G Wireless Data Terminal M/N:CAW23A301

Communication System: UTD 0, WCDMA(UMTS-FDD,12.2Kbit/s) (0); Communication System Band: Band Class II (PCS 1900MHz); Frequency: 1852.4 MHz; Communication System PAR: 0 dB

Medium parameters used (interpolated): $f = 1852.4 \text{ MHz}$; $\sigma = 1.422 \text{ S/m}$; $\epsilon_r = 39.86$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(8.13, 8.13, 8.13); Calibrated: 12/06/2023;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 17/05/2023
- Phantom: SAM1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH9262(1852.4MHz Right)/Area Scan (61x81x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.0688 W/kg

Configuration/CH9262(1852.4MHz Right)/Zoom Scan (5x5x7)/Cube 0:

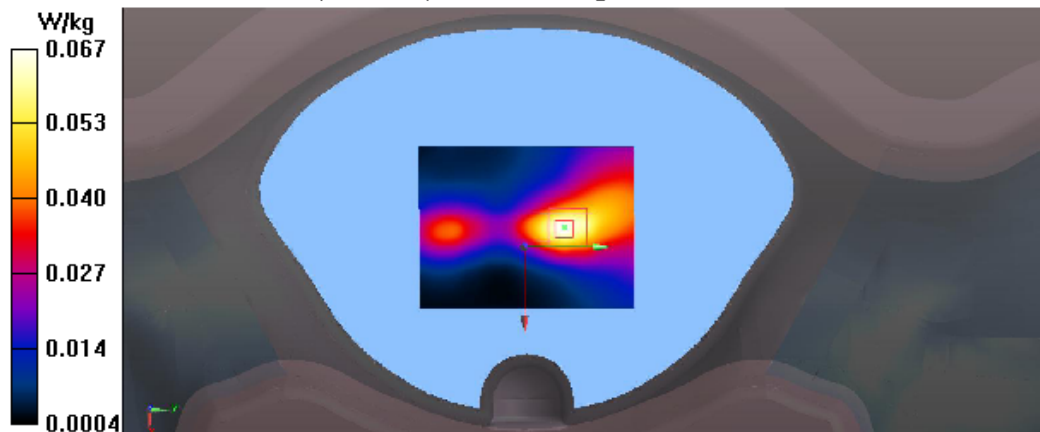
Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 4.847 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.110 W/kg

SAR(1 g) = 0.060 W/kg; SAR(10 g) = 0.032 W/kg

Maximum value of SAR (measured) = 0.0666 W/kg



Test Laboratory: Audix SAR Lab

Date: 01/08/2023

CH9400(1880MHz Back)

DUT:4G Wireless Data Terminal M/N:CAW23A301

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

System Band: Band Class II (PCS 1900MHz); Frequency: 1880 MHz; Communication

System PAR: 0 dB

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.45 \text{ S/m}$; $\epsilon_r = 39.74$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(8.13, 8.13, 8.13); Calibrated: 12/06/2023;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 17/05/2023
- Phantom: SAM1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH9400(1880MHz Back)/Area Scan (61x81x1): Interpolated grid:

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

Maximum value of SAR (interpolated) = 1.16 W/kg

Configuration/CH9400(1880MHz Back)/Zoom Scan (5x5x7)/Cube 0:

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

Reference Value = 13.04 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 2.36 W/kg

SAR(1 g) = 0.804 W/kg; SAR(10 g) = 0.474 W/kg

Maximum value of SAR (measured) = 1.20 W/kg



Test Laboratory: Audix SAR Lab

Date: 01/08/2023

CH9538(1907.6MHz Back)

DUT:4G Wireless Data Terminal M/N:CAW23A301

Communication System: UTD 0, WCDMA(UMTS-FDD,12.2Kbit/s) (0); Communication System Band: Band Class II (PCS 1900MHz); Frequency: 1907.6 MHz; Communication System PAR: 0 dB

Medium parameters used (interpolated): $f = 1907.6 \text{ MHz}$; $\sigma = 1.473 \text{ S/m}$; $\epsilon_r = 39.634$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(8.13, 8.13, 8.13); Calibrated: 12/06/2023;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 17/05/2023
- Phantom: SAM1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH9538(1907.6MHz Back)/Area Scan (61x81x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 1.19 W/kg

Configuration/CH9538(1907.6MHz Back)/Zoom Scan (5x5x7)/Cube 0:

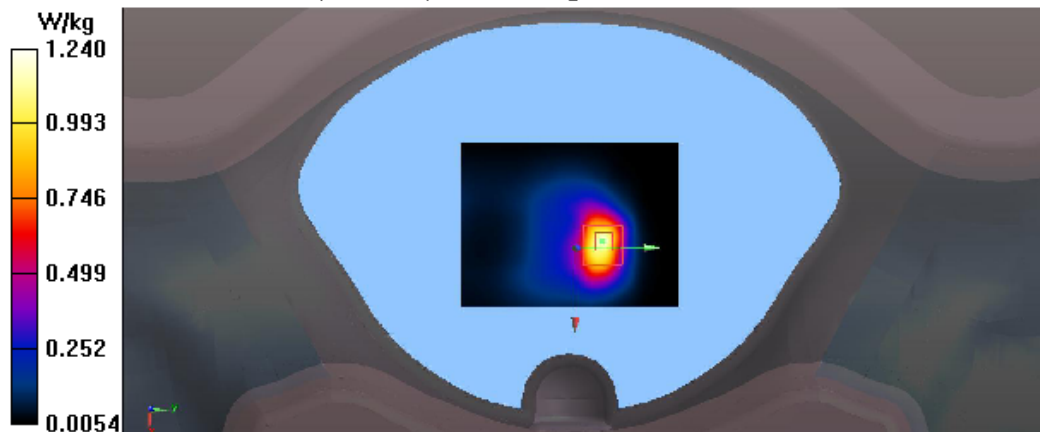
Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 13.24 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 2.44 W/kg

SAR(1 g) = 0.808 W/kg; SAR(10 g) = 0.489 W/kg

Maximum value of SAR (measured) = 1.24 W/kg



Test Mode: UMTS Band 4

Test Laboratory: Audix SAR Lab

Date: 03/08/2023

CH1312(1712.4MHz Back)

DUT:4G Wireless Data Terminal M/N:CAW23A301

Communication System: UTD 0, WCDMA(UMTS-FDD,12.2Kbit/s) (0); Communication System Band: Band4; Frequency: 1712.4 MHz; Communication System PAR: 0 dB

Medium parameters used (interpolated): $f = 1712.4$ MHz; $\sigma = 1.282$ S/m; $\epsilon_r = 40.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(8.32, 8.32, 8.32); Calibrated: 12/06/2023;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 17/05/2023
- Phantom: SAM1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH1312(1712.4MHz Back)/Area Scan (61x81x1): Interpolated

grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.785 W/kg

Configuration/CH1312(1712.4MHz Back)/Zoom Scan (5x5x7)/Cube 0:

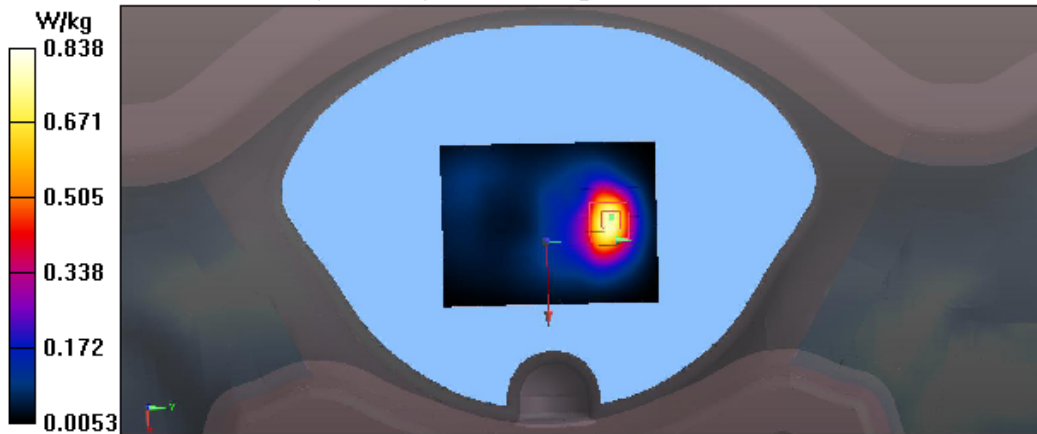
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.753 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.50 W/kg

SAR(1 g) = 0.735 W/kg; SAR(10 g) = 0.356 W/kg

Maximum value of SAR (measured) = 0.838 W/kg



Test Laboratory: Audix SAR Lab

Date: 03/08/2023

CH1413(1732.6MHz Back)

DUT:4G Wireless Data Terminal M/N:CAW23A301

Communication System: UID 0, WCDMA(UMTS-FDD,12.2Kbit/s) (0); Communication System Band: Band4; Frequency: 1732.6 MHz; Communication System PAR: 0 dB

Medium parameters used (interpolated): $f = 1732.6 \text{ MHz}$; $\sigma = 1.304 \text{ S/m}$; $\epsilon_r = 40.408$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(8.32, 8.32, 8.32); Calibrated: 12/06/2023;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 17/05/2023
- Phantom: SAM1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH1413(1732.6MHz Back)/Area Scan (61x81x1): Interpolated

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

Maximum value of SAR (interpolated) = 0.797 W/kg

Configuration/CH1413(1732.6MHz Back)/Zoom Scan (5x5x7)/Cube 0:

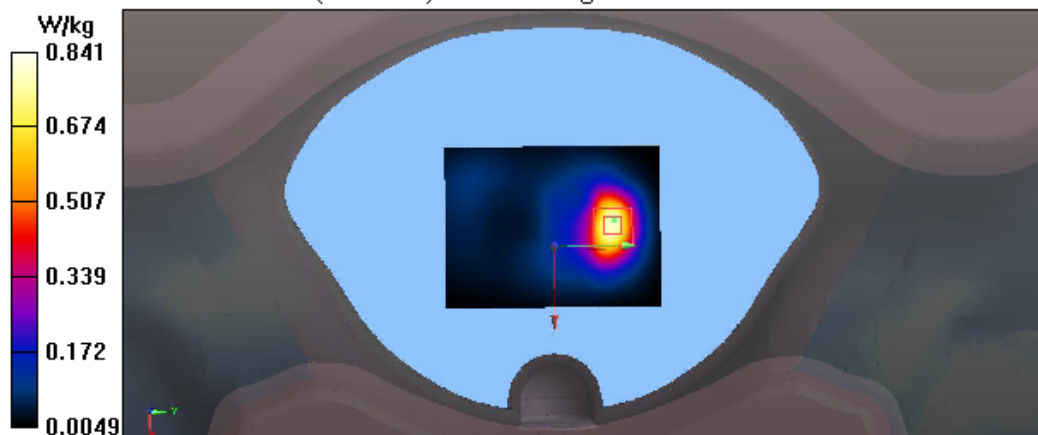
Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 9.773 V/m ; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.50 W/kg

SAR(1 g) = 0.746 W/kg ; SAR(10 g) = 0.363 W/kg

Maximum value of SAR (measured) = 0.841 W/kg



Test Laboratory: Audix SAR Lab

Date: 03/08/2023

CH1513(1752.6MHz Back)

DUT:4G Wireless Data Terminal M/N:CAW23A301

Communication System: UTD 0, WCDMA(UMTS-FDD,12.2Kbit/s) (0); Communication System Band: Band4; Frequency: 1752.6 MHz; Communication System PAR: 0 dB

Medium parameters used (interpolated): $f = 1752.6 \text{ MHz}$; $\sigma = 1.324 \text{ S/m}$; $\epsilon_r = 40.316$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(8.32, 8.32, 8.32); Calibrated: 12/06/2023;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 17/05/2023
- Phantom: SAM1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH1513(1752.6MHz Back)/Area Scan (61x81x1): Interpolated

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

Maximum value of SAR (interpolated) = 0.805 W/kg

Configuration/CH1513(1752.6MHz Back)/Zoom Scan (5x5x7)/Cube 0:

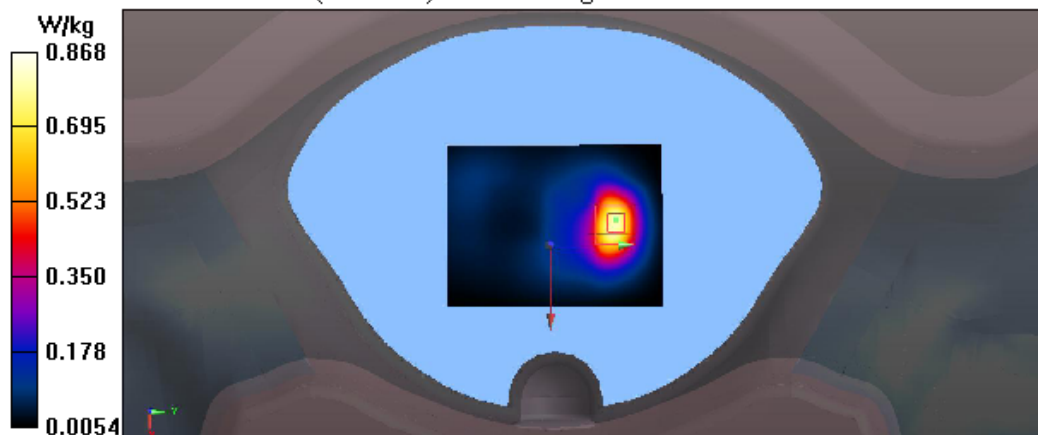
Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 9.790 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.55 W/kg

SAR(1 g) = 0.762 W/kg; SAR(10 g) = 0.370 W/kg

Maximum value of SAR (measured) = 0.868 W/kg



Test Laboratory: Audix SAR Lab

Date: 03/08/2023

CH1513(1752.6MHz Bottom)

DUT:4G Wireless Data Terminal M/N:CAW23A301

Communication System: UTD 0, WCDMA(UMTS-FDD,12.2Kbit/s) (0); Communication System Band: Band4; Frequency: 1752.6 MHz; Communication System PAR: 0 dB

Medium parameters used (interpolated): $f = 1752.6 \text{ MHz}$; $\sigma = 1.324 \text{ S/m}$; $\epsilon_r = 40.316$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(8.32, 8.32, 8.32); Calibrated: 12/06/2023;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 17/05/2023
- Phantom: SAM1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH1513(1752.6MHz Bottom)/Area Scan (61x81x1): Interpolated

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

Maximum value of SAR (interpolated) = 0.957 W/kg

Configuration/CH1513(1752.6MHz Bottom)/Zoom Scan (5x5x7)/Cube 0:

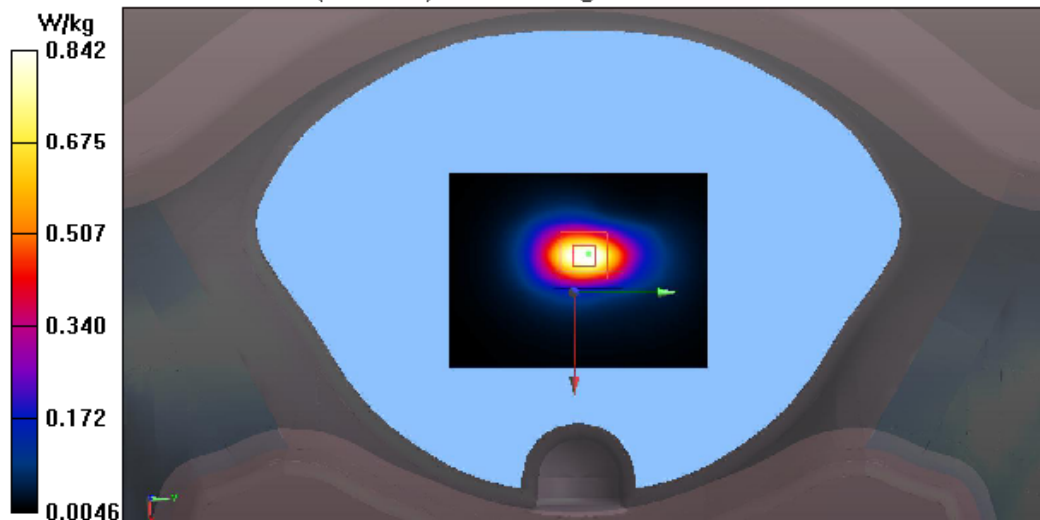
Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 25.27 V/m ; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.50 W/kg

SAR(1 g) = 0.755 W/kg ; SAR(10 g) = 0.367 W/kg

Maximum value of SAR (measured) = 0.842 W/kg



Test Laboratory: Audix SAR Lab

Date: 03/08/2023

CH1513(1752.6MHz Front)

DUT:4G Wireless Data Terminal M/N:CAW23A301

Communication System: UTD 0, WCDMA(UMTS-FDD,12.2Kbit/s) (0); Communication System Band: Band4; Frequency: 1752.6 MHz; Communication System PAR: 0 dB

Medium parameters used (interpolated): $f = 1752.6 \text{ MHz}$; $\sigma = 1.324 \text{ S/m}$; $\epsilon_r = 40.316$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(8.32, 8.32, 8.32); Calibrated: 12/06/2023;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 17/05/2023
- Phantom: SAM1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH1513(1752.6MHz Front)/Area Scan (61x81x1): Interpolated

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

Maximum value of SAR (interpolated) = 0.361 W/kg

Configuration/CH1513(1752.6MHz Front)/Zoom Scan (5x5x7)/Cube 0:

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

Reference Value = 9.047 V/m ; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.625 W/kg

SAR(1 g) = 0.321 W/kg ; SAR(10 g) = 0.165 W/kg

Maximum value of SAR (measured) = 0.358 W/kg



Test Laboratory: Audix SAR Lab

Date: 03/08/2023

CH1513(1752.6MHz Left)

DUT:4G Wireless Data Terminal M/N:CAW23A301

Communication System: UID 0, WCDMA(UMTS-FDD,12.2Kbit/s) (0); Communication System Band: Band4; Frequency: 1752.6 MHz; Communication System PAR: 0 dB

Medium parameters used (interpolated): $f = 1752.6 \text{ MHz}$; $\sigma = 1.324 \text{ S/m}$; $\epsilon_r = 40.316$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(8.32, 8.32, 8.32); Calibrated: 12/06/2023;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 17/05/2023
- Phantom: SAM1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH1513(1752.6MHz Left)/Area Scan (61x81x1): Interpolated

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

Maximum value of SAR (interpolated) = 0.0711 W/kg

Configuration/CH1513(1752.6MHz Left)/Zoom Scan (5x5x7)/Cube 0:

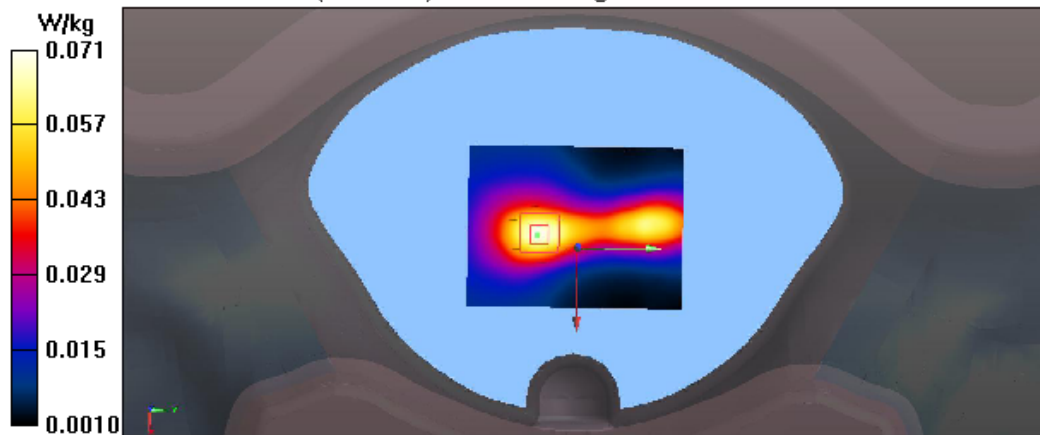
Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 5.642 V/m ; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.118 W/kg

SAR(1 g) = 0.065 W/kg ; SAR(10 g) = 0.036 W/kg

Maximum value of SAR (measured) = 0.0710 W/kg



Test Laboratory: Audix SAR Lab

Date: 03/08/2023

CH1513(1752.6MHz Right)

DUT:4G Wireless Data Terminal M/N:CAW23A301

Communication System: UTD 0, WCDMA(UMTS-FDD,12.2Kbit/s) (0); Communication System Band: Band4; Frequency: 1752.6 MHz; Communication System PAR: 0 dB

Medium parameters used (interpolated): $f = 1752.6 \text{ MHz}$; $\sigma = 1.324 \text{ S/m}$; $\epsilon_r = 40.316$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(8.32, 8.32, 8.32); Calibrated: 12/06/2023;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 17/05/2023
- Phantom: SAM1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH1513(1752.6MHz Right)/Area Scan (61x81x1): Interpolated

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

Maximum value of SAR (interpolated) = 0.0501 W/kg

Configuration/CH1513(1752.6MHz Right)/Zoom Scan (5x5x7)/Cube 0:

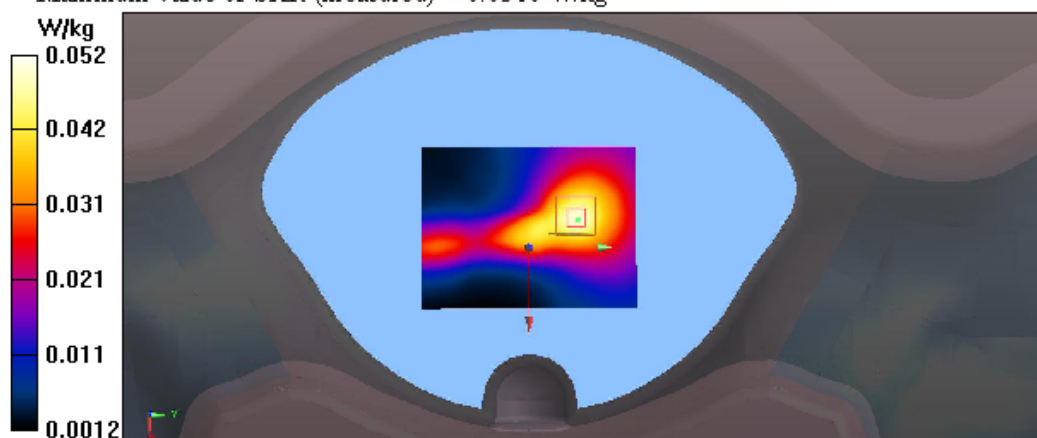
Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 4.705 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.0850 W/kg

SAR(1 g) = 0.047 W/kg; SAR(10 g) = 0.027 W/kg

Maximum value of SAR (measured) = 0.0516 W/kg



Test Mode: UMTS Band 5

Test Laboratory: Audix SAR Lab

Date: 02/08/2023

CH4132(826.4MHz Back)

DUT:4G Wireless Data Terminal M/N:CAW23A301

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(9.61, 9.61, 9.61); Calibrated: 12/06/2023;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 17/05/2023
- 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 Back)/Area Scan (61x81x1): Interpolated grid:

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

Maximum value of SAR (interpolated) = 0.362 W/kg

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

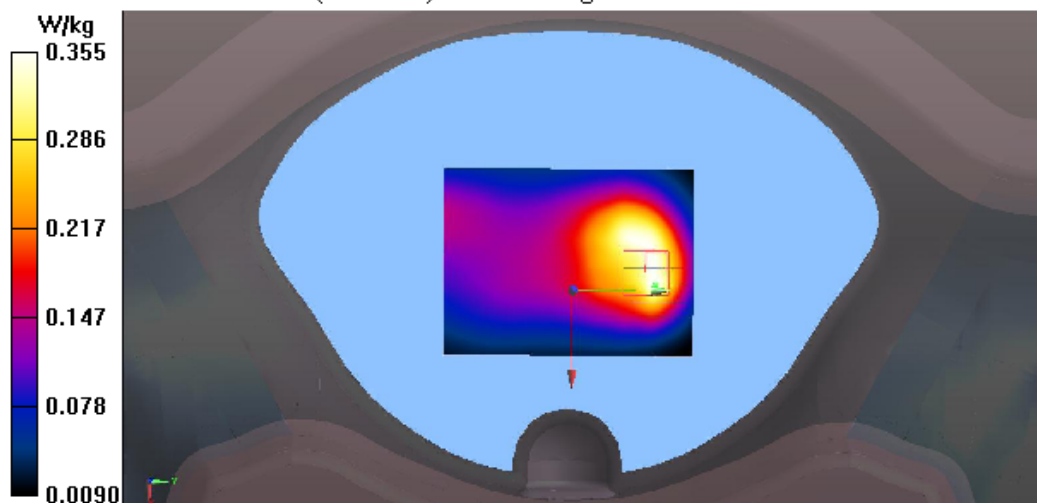
Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 14.12 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.593 W/kg

SAR(1 g) = 0.303 W/kg; SAR(10 g) = 0.186 W/kg

Maximum value of SAR (measured) = 0.355 W/kg



Test Laboratory: Audix SAR Lab

Date: 02/08/2023

CH4182(836.4MHz Back)

DUT:4G Wireless Data Terminal M/N:CAW23A301

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

System Band: Band Class V (CLR 850MHz); Frequency: 836.4 MHz; Communication

System PAR: 0 dB

Medium parameters used: $f = 836.4 \text{ MHz}$; $\sigma = 0.89 \text{ S/m}$; $\epsilon_r = 41.48$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(9.61, 9.61, 9.61); Calibrated: 12/06/2023;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 17/05/2023
- Phantom: SAM1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH4182(836.4MHz Back)/Area Scan (61x81x1): Interpolated grid:

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

Maximum value of SAR (interpolated) = 0.366 W/kg

Configuration/CH4182(836.4MHz Back)/Zoom Scan (5x5x7)/Cube 0:

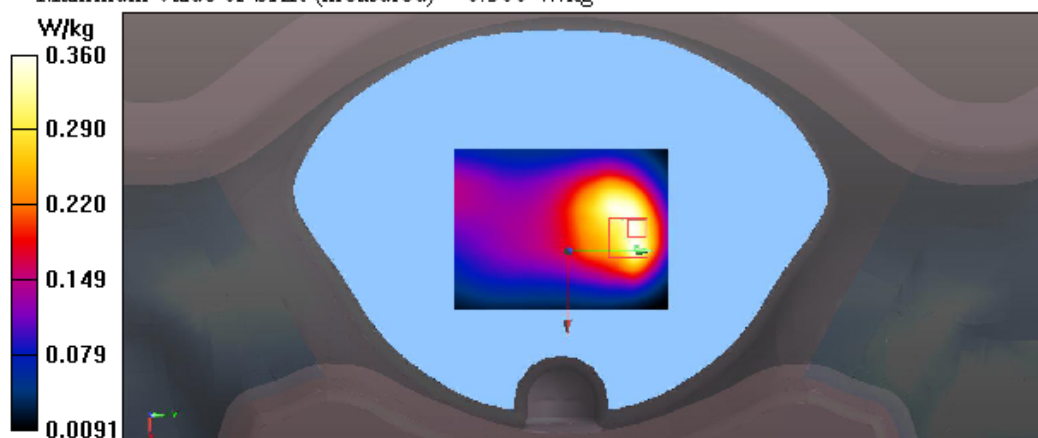
Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 14.10 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.600 W/kg

SAR(1 g) = 0.305 W/kg; SAR(10 g) = 0.187 W/kg

Maximum value of SAR (measured) = 0.360 W/kg



Test Laboratory: Audix SAR Lab

Date: 02/08/2023

CH4233(846.6MHz Back)

DUT:4G Wireless Data Terminal M/N:CAW23A301

Communication System: UTD 0, WCDMA(UMTS-FDD,12.2Kbit/s) (0); Communication System Band: Band Class V (CLR 850MHz); Frequency: 846.6 MHz; Communication System PAR: 0 dB

Medium parameters used (interpolated): $f = 846.6 \text{ MHz}$; $\sigma = 0.898 \text{ S/m}$; $\epsilon_r = 41.352$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(9.61, 9.61, 9.61); Calibrated: 12/06/2023;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 17/05/2023
- Phantom: SAM1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH4233(846.6MHz Back)/Area Scan (61x81x1): Interpolated grid:

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

Maximum value of SAR (interpolated) = 0.369 W/kg

Configuration/CH4233(846.6MHz Back)/Zoom Scan (5x5x7)/Cube 0:

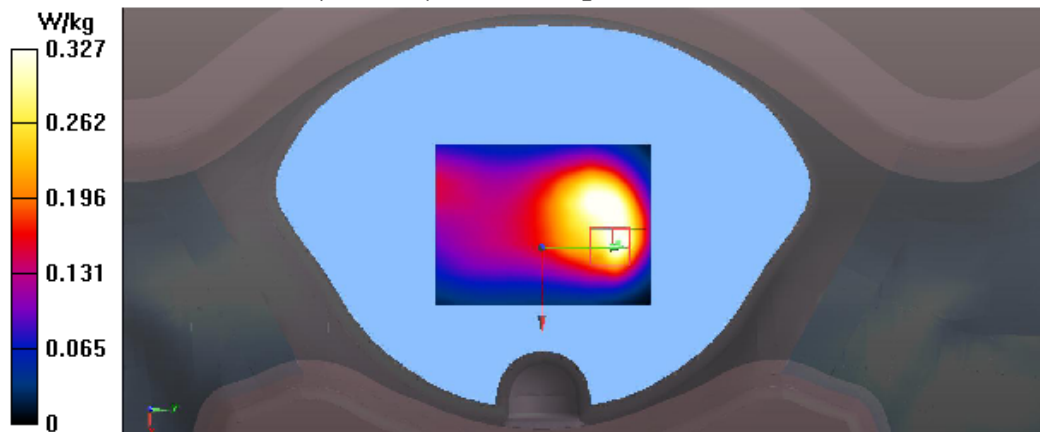
Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 14.11 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 1.10 W/kg

SAR(1 g) = 0.410 W/kg; SAR(10 g) = 0.199 W/kg

Maximum value of SAR (measured) = 0.327 W/kg



Test Laboratory: Audix SAR Lab

Date: 02/08/2023

CH4233(846.6MHz Bottom)

DUT:4G Wireless Data Terminal M/N:CAW23A301

Communication System: UTD 0, WCDMA(UMTS-FDD,12.2Kbit/s) (0); Communication System Band: Band Class V (CLR 850MHz); Frequency: 846.6 MHz; Communication System PAR: 0 dB

Medium parameters used (interpolated): $f = 846.6 \text{ MHz}$; $\sigma = 0.898 \text{ S/m}$; $\epsilon_r = 41.352$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(9.61, 9.61, 9.61); Calibrated: 12/06/2023;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 17/05/2023
- Phantom: SAM1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH4233(846.6MHz Bottom)/Area Scan (61x81x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

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

Configuration/CH4233(846.6MHz Bottom)/Zoom Scan (5x5x7)/Cube 0:

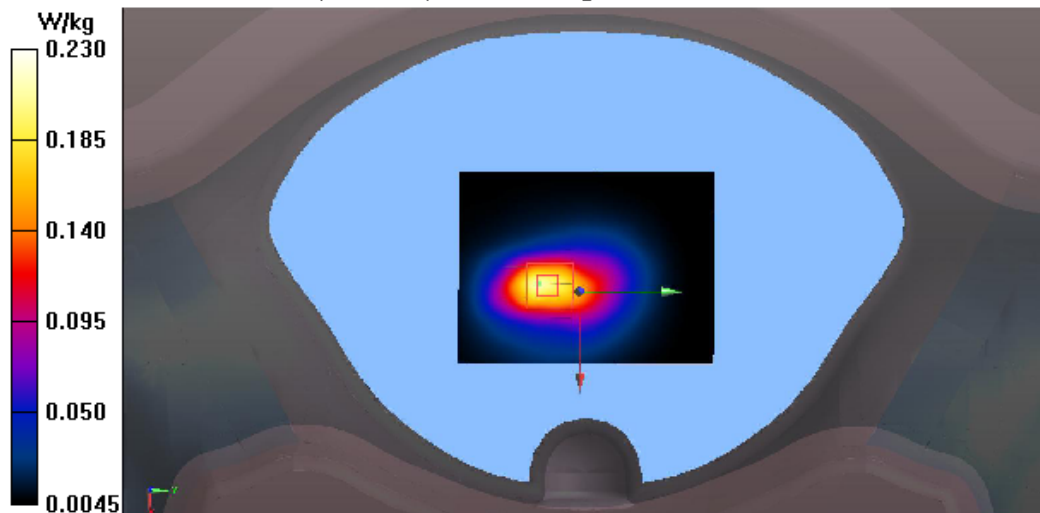
Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 9.216 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.397 W/kg

SAR(1 g) = 0.204 W/kg; SAR(10 g) = 0.107 W/kg

Maximum value of SAR (measured) = 0.230 W/kg



Test Laboratory: Audix SAR Lab

Date: 02/08/2023

CH4233(846.6MHz Front)

DUT:4G Wireless Data Terminal M/N:CAW23A301

Communication System: UTD 0, WCDMA(UMTS-FDD,12.2Kbit/s) (0); Communication System Band: Band Class V (CLR 850MHz); Frequency: 846.6 MHz; Communication System PAR: 0 dB

Medium parameters used (interpolated): $f = 846.6 \text{ MHz}$; $\sigma = 0.898 \text{ S/m}$; $\epsilon_r = 41.352$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(9.61, 9.61, 9.61); Calibrated: 12/06/2023;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 17/05/2023
- Phantom: SAM1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH4233(846.6MHz Front)/Area Scan (61x81x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.279 W/kg

Configuration/CH4233(846.6MHz Front)/Zoom Scan (5x5x7)/Cube 0:

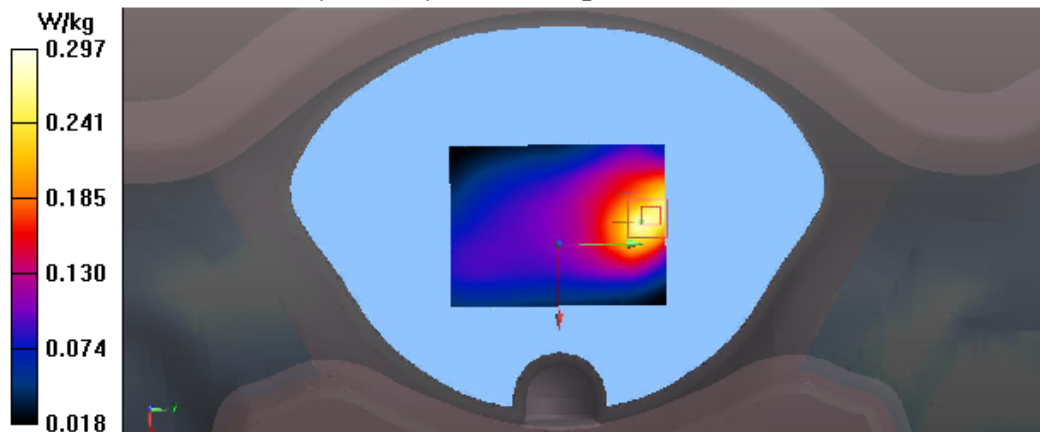
Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 10.92 V/m ; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.477 W/kg

SAR(1 g) = 0.276 W/kg ; SAR(10 g) = 0.164 W/kg

Maximum value of SAR (measured) = 0.297 W/kg



Test Laboratory: Audix SAR Lab

Date: 02/08/2023

CH4233(846.6MHz Left)

DUT:4G Wireless Data Terminal M/N:CAW23A301

Communication System: UTD 0, WCDMA(UMTS-FDD,12.2Kbit/s) (0); Communication System Band: Band Class V (CLR 850MHz); Frequency: 846.6 MHz; Communication System PAR: 0 dB

Medium parameters used (interpolated): $f = 846.6 \text{ MHz}$; $\sigma = 0.898 \text{ S/m}$; $\epsilon_r = 41.352$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(9.61, 9.61, 9.61); Calibrated: 12/06/2023;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 17/05/2023
- Phantom: SAM1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH4233(846.6MHz Left)/Area Scan (61x81x1): Interpolated grid:

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

Maximum value of SAR (interpolated) = 0.185 W/kg

Configuration/CH4233(846.6MHz Left)/Zoom Scan (5x5x7)/Cube 0:

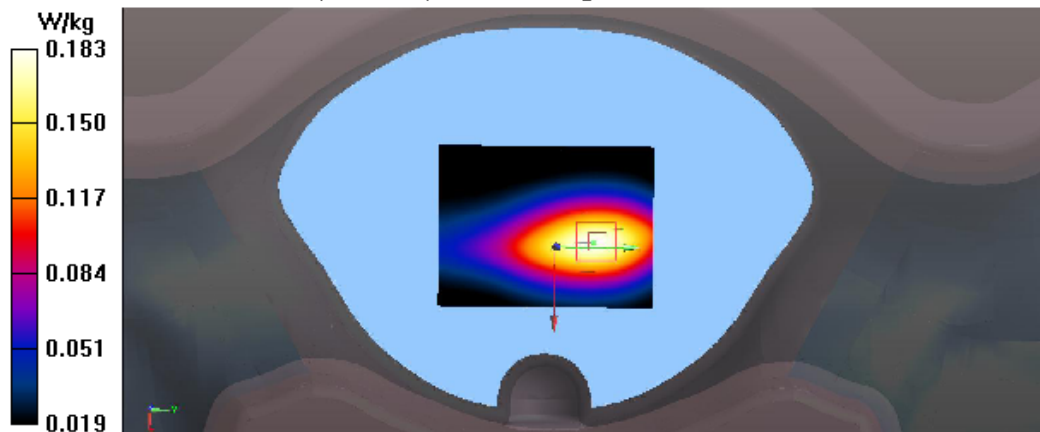
Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 10.03 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.249 W/kg

SAR(1 g) = 0.171 W/kg; SAR(10 g) = 0.115 W/kg

Maximum value of SAR (measured) = 0.183 W/kg



Test Laboratory: Audix SAR Lab

Date: 02/08/2023

CH4233(846.6MHz Right)

DUT:4G Wireless Data Terminal M/N:CAW23A301

Communication System: UTD 0, WCDMA(UMTS-FDD,12.2Kbit/s) (0); Communication System Band: Band Class V (CLR 850MHz); Frequency: 846.6 MHz; Communication System PAR: 0 dB

Medium parameters used (interpolated): $f = 846.6 \text{ MHz}$; $\sigma = 0.898 \text{ S/m}$; $\epsilon_r = 41.352$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(9.61, 9.61, 9.61); Calibrated: 12/06/2023;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 17/05/2023
- Phantom: SAM1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH4233(846.6MHz Right)/Area Scan (61x81x1): Interpolated

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

Maximum value of SAR (interpolated) = 0.324 W/kg

Configuration/CH4233(846.6MHz Right)/Zoom Scan (5x5x7)/Cube 0:

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

Reference Value = 18.38 V/m ; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.460 W/kg

SAR(1 g) = 0.298 W/kg ; SAR(10 g) = 0.205 W/kg

Maximum value of SAR (measured) = 0.333 W/kg



Test Mode: E-UTRA Band 2

Test Laboratory: Audix SAR Lab

Date: 01/08/2023

CH18700(1860MHz Back)

DUT:4G Wireless Data Terminal M/N:CAW23A301

Communication System: UID 0, Generic LTE (0); Communication System Band: Band 2, E-UTRA/FDD (1850.0 - 1910.0 MHz); Frequency: 1860 MHz; Communication System

PAR: 0 dB

Medium parameters used (interpolated): $f = 1860$ MHz; $\sigma = 1.43$ S/m; $\epsilon_r = 39.827$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(8.13, 8.13, 8.13); Calibrated: 12/06/2023;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 17/05/2023
- Phantom: SAM1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH18700(1860MHz Back)/Area Scan (61x81x1): Interpolated

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

Maximum value of SAR (interpolated) = 1.44 W/kg

Configuration/CH18700(1860MHz Back)/Zoom Scan (5x5x7)/Cube 0:

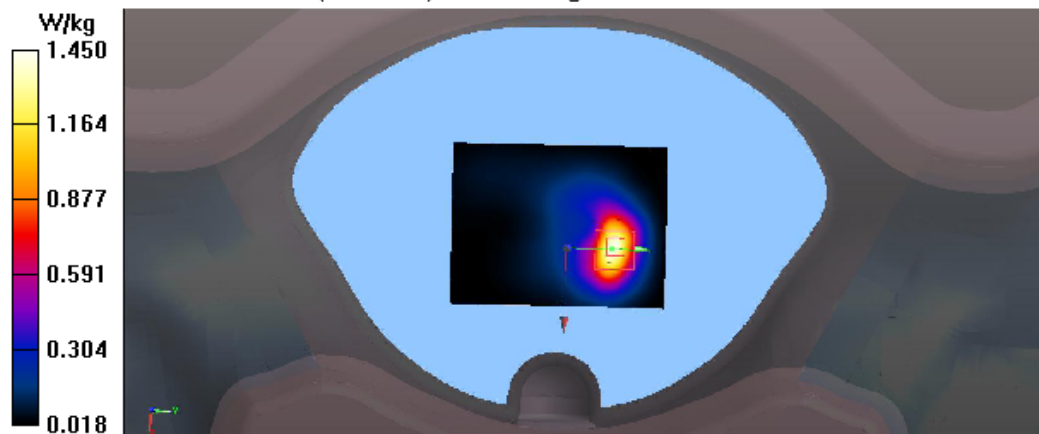
Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 11.96 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 2.62 W/kg

SAR(1 g) = 0.821 W/kg; SAR(10 g) = 0.631 W/kg

Maximum value of SAR (measured) = 1.45 W/kg



Test Laboratory: Audix SAR Lab

Date: 01/08/2023

CH18900(1880MHz Back)

DUT:4G Wireless Data Terminal M/N:CAW23A301

Communication System: UID 0, Generic LTE (0); Communication System Band: Band 2, E-UTRA/FDD (1850.0 - 1910.0 MHz); Frequency: 1880 MHz; Communication System

PAR: 0 dB

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.45 \text{ S/m}$; $\epsilon_r = 39.74$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(8.13, 8.13, 8.13); Calibrated: 12/06/2023;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 17/05/2023
- Phantom: SAM1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH18900(1880MHz Back)/Area Scan (61x81x1): Interpolated

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

Maximum value of SAR (interpolated) = 1.49 W/kg

Configuration/CH18900(1880MHz Back)/Zoom Scan (5x5x7)/Cube 0:

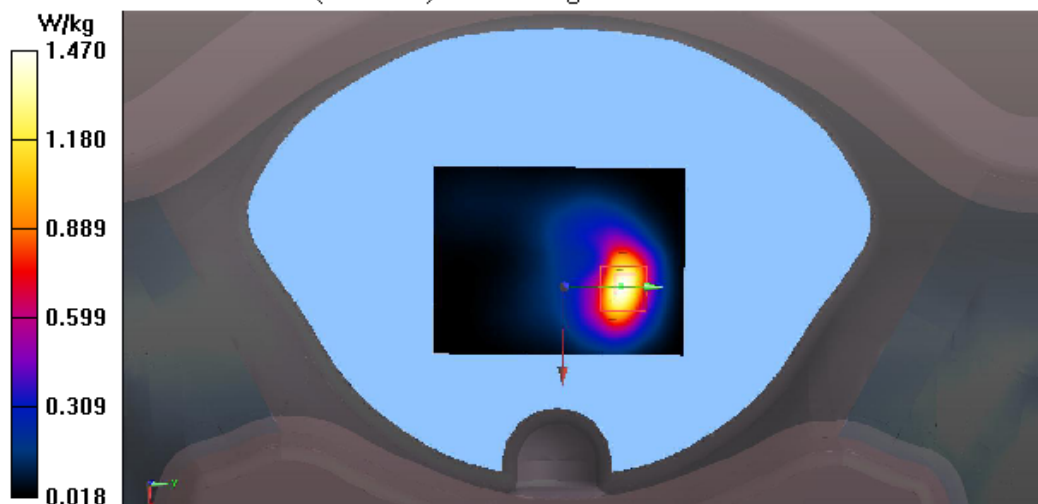
Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 12.22 V/m ; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 2.67 W/kg

SAR(1 g) = 0.871 W/kg ; SAR(10 g) = 0.641 W/kg

Maximum value of SAR (measured) = 1.47 W/kg



Test Laboratory: Audix SAR Lab

Date: 01/08/2023

CH19100(1900MHz Back)

DUT:4G Wireless Data Terminal M/N:CAW23A301

Communication System: UID 0, Generic LTE (0); Communication System Band: Band 2, E-UTRA/FDD (1850.0 - 1910.0 MHz); Frequency: 1900 MHz; Communication System

PAR: 0 dB

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.45$ S/m; $\epsilon_r = 39.75$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(8.13, 8.13, 8.13); Calibrated: 12/06/2023;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 17/05/2023
- Phantom: SAM1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH19100(1900MHz Back)/Area Scan (61x81x1): Interpolated

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

Maximum value of SAR (interpolated) = 1.66 W/kg

Configuration/CH19100(1900MHz Back)/Zoom Scan (5x5x7)/Cube 0:

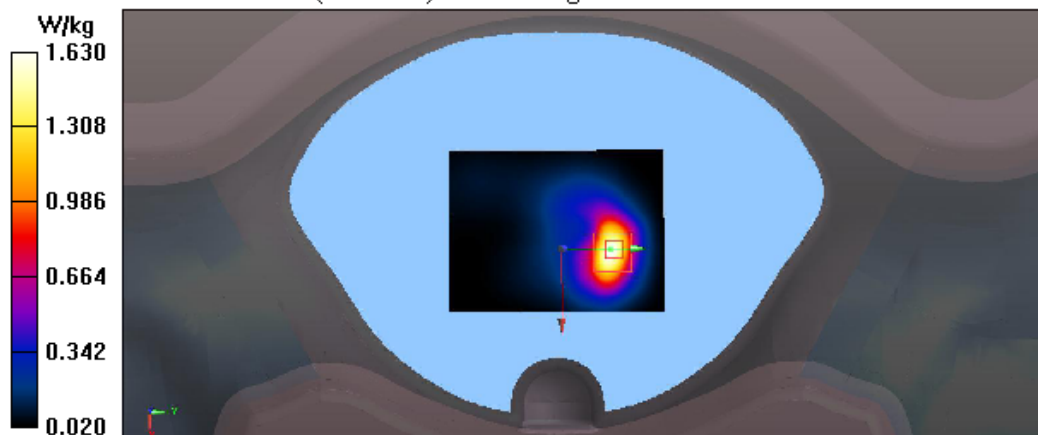
Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 13.30 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 3.02 W/kg

SAR(1 g) = 0.875 W/kg; SAR(10 g) = 0.705 W/kg

Maximum value of SAR (measured) = 1.63 W/kg



Test Laboratory: Audix SAR Lab

Date: 01/08/2023

CH19100(1900MHz Bottom)

DUT:4G Wireless Data Terminal M/N:CAW23A301

Communication System: UID 0, Generic LTE (0); Communication System Band: Band 2, E-UTRA/FDD (1850.0 - 1910.0 MHz); Frequency: 1900 MHz; Communication System PAR: 0 dB

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.45$ S/m; $\epsilon_r = 39.75$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(8.13, 8.13, 8.13); Calibrated: 12/06/2023;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 17/05/2023
- Phantom: SAM1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH19100(1900MHz Bottom)/Area Scan (61x81x1): Interpolated

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

Maximum value of SAR (interpolated) = 1.10 W/kg

Configuration/CH19100(1900MHz Bottom)/Zoom Scan (5x5x7)/Cube 0:

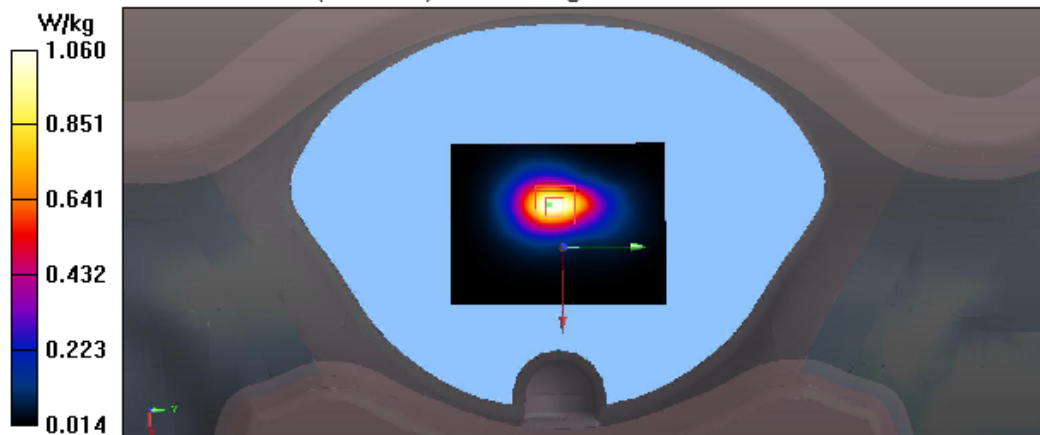
Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 23.49 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 1.76 W/kg

SAR(1 g) = 0.657 W/kg; SAR(10 g) = 0.493 W/kg

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



Test Laboratory: Audix SAR Lab

Date: 01/08/2023

CH19100(1900MHz Front)

DUT:4G Wireless Data Terminal M/N:CAW23A301

Communication System: UID 0, Generic LTE (0); Communication System Band: Band 2, E-UTRA/FDD (1850.0 - 1910.0 MHz); Frequency: 1900 MHz; Communication System

PAR: 0 dB

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.45$ S/m; $\epsilon_r = 39.75$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(8.13, 8.13, 8.13); Calibrated: 12/06/2023;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 17/05/2023
- Phantom: SAM1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH19100(1900MHz Front)/Area Scan (61x81x1): Interpolated

grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.534 W/kg

Configuration/CH19100(1900MHz Front)/Zoom Scan (5x5x7)/Cube 0:

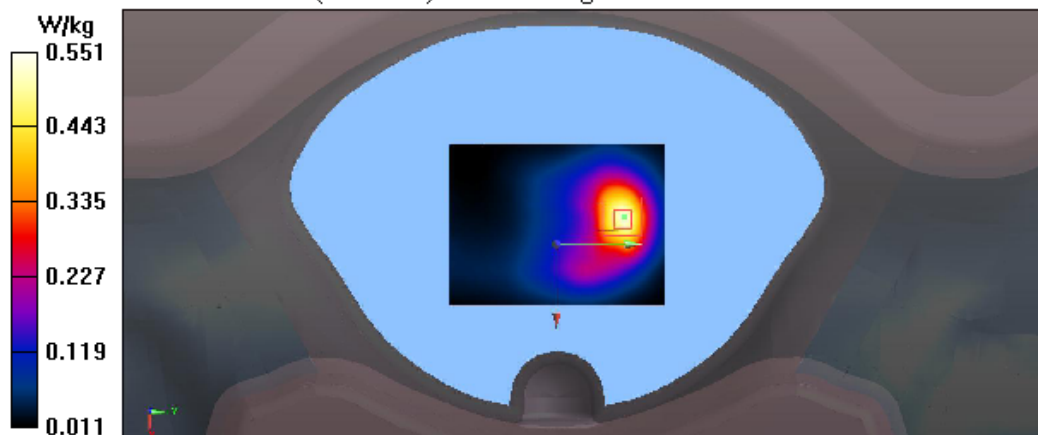
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.392 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.956 W/kg

SAR(1 g) = 0.500 W/kg; SAR(10 g) = 0.266 W/kg

Maximum value of SAR (measured) = 0.551 W/kg



Test Laboratory: Audix SAR Lab

Date: 01/08/2023

CH19100(1900MHz Left)

DUT:4G Wireless Data Terminal M/N:CAW23A301

Communication System: UID 0, Generic LTE (0); Communication System Band: Band 2,
E-UTRA/FDD (1850.0 - 1910.0 MHz); Frequency: 1900 MHz; Communication System
PAR: 0 dB

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.45$ S/m; $\epsilon_r = 39.75$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(8.13, 8.13, 8.13); Calibrated: 12/06/2023;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 17/05/2023
- Phantom: SAM1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH19100(1900MHz Left)/Area Scan (61x81x1): Interpolated grid:

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

Maximum value of SAR (interpolated) = 0.159 W/kg

Configuration/CH19100(1900MHz Left)/Zoom Scan (5x5x7)/Cube 0:

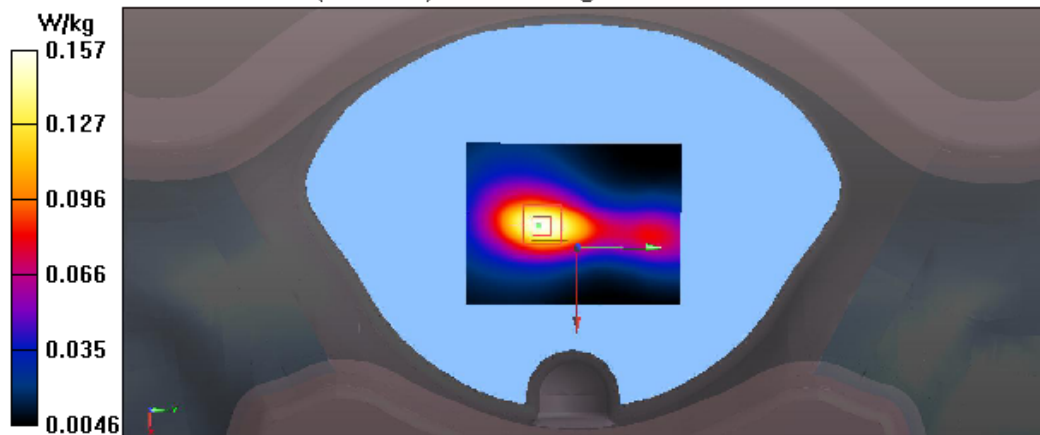
Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 8.298 V/m; Power Drift = -0.20 dB

Peak SAR (extrapolated) = 0.244 W/kg

SAR(1 g) = 0.142 W/kg; SAR(10 g) = 0.081 W/kg

Maximum value of SAR (measured) = 0.157 W/kg



Test Laboratory: Audix SAR Lab

Date: 01/08/2023

CH19100(1900MHz Right)

DUT:4G Wireless Data Terminal M/N:CAW23A301

Communication System: UID 0, Generic LTE (0); Communication System Band: Band 2, E-UTRA/FDD (1850.0 - 1910.0 MHz); Frequency: 1900 MHz; Communication System

PAR: 0 dB

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.45$ S/m; $\epsilon_r = 39.75$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(8.13, 8.13, 8.13); Calibrated: 12/06/2023;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 17/05/2023
- Phantom: SAM1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH19100(1900MHz Right)/Area Scan (61x81x1): Interpolated

grid: dx=1.500 mm, dy=1.500 mm

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

Configuration/CH19100(1900MHz Right)/Zoom Scan (5x5x7)/Cube 0:

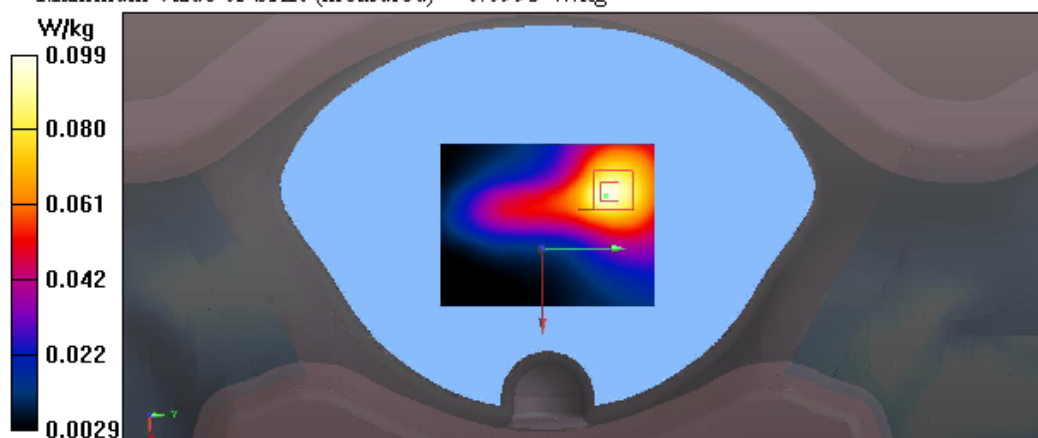
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.923 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.159 W/kg

SAR(1 g) = 0.091 W/kg; SAR(10 g) = 0.053 W/kg

Maximum value of SAR (measured) = 0.0993 W/kg



Test Mode: E-UTRA Band 4

Test Laboratory: Audix SAR Lab

Date: 03/08/2023

CH20050(1720MHz Back)

DUT:4G Wireless Data Terminal M/N:CAW23A301

Communication System: UID 0, Generic LTE (0); Communication System Band: Band 4, E-UTRA/FDD (1710.0 - 1755.0 MHz); Frequency: 1720 MHz; Communication System PAR: 0 dB

Medium parameters used (interpolated): $f = 1720$ MHz; $\sigma = 1.363$ S/m; $\epsilon_r = 40.136$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(8.32, 8.32, 8.32); Calibrated: 12/06/2023;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 17/05/2023
- Phantom: SAM1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH20050(1720MHz Back)/Area Scan (61x81x1): Interpolated

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

Maximum value of SAR (interpolated) = 1.12 W/kg

Configuration/CH20050(1720MHz Back)/Zoom Scan (5x5x7)/Cube 0:

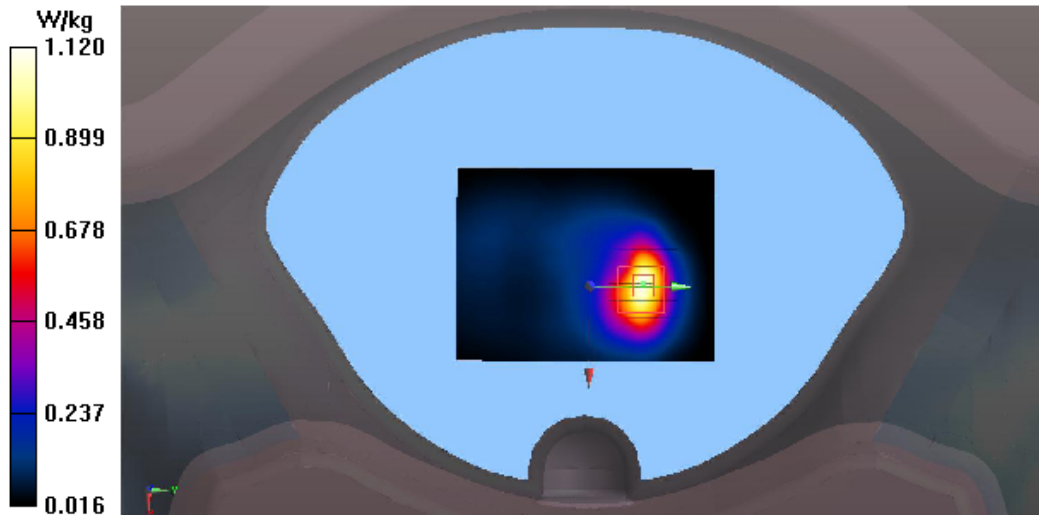
Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 10.88 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 1.79 W/kg

SAR(1 g) = 0.789 W/kg; SAR(10 g) = 0.522 W/kg

Maximum value of SAR (measured) = 1.12 W/kg



Test Laboratory: Audix SAR Lab

Date: 03/08/2023

CH20050(1720MHz Bottom)

DUT:4G Wireless Data Terminal M/N:CAW23A301

Communication System: UID 0, Generic LTE (0); Communication System Band: Band 4,
E-UTRA/FDD (1710.0 - 1755.0 MHz); Frequency: 1720 MHz; Communication System
PAR: 0 dB

Medium parameters used (interpolated): $f = 1720$ MHz; $\sigma = 1.363$ S/m; $\epsilon_r = 40.136$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(8.32, 8.32, 8.32); Calibrated: 12/06/2023;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 17/05/2023
- Phantom: SAM1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH20050(1720MHz Bottom)/Area Scan (61x81x1): Interpolated
grid: dx=1.500 mm, dy=1.500 mm

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

Configuration/CH20050(1720MHz Bottom)/Zoom Scan (5x5x7)/Cube 0:

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

Reference Value = 27.36 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.80 W/kg

SAR(1 g) = 0.699 W/kg; SAR(10 g) = 0.430 W/kg

Maximum value of SAR (measured) = 1.12 W/kg



Test Laboratory: Audix SAR Lab

Date: 03/08/2023

CH20050(1720MHz Front)

DUT:4G Wireless Data Terminal M/N:CAW23A301

Communication System: UID 0, Generic LTE (0); Communication System Band: Band 4, E-UTRA/FDD (1710.0 - 1755.0 MHz); Frequency: 1720 MHz; Communication System PAR: 0 dB

Medium parameters used (interpolated): $f = 1720$ MHz; $\sigma = 1.363$ S/m; $\epsilon_r = 40.136$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(8.32, 8.32, 8.32); Calibrated: 12/06/2023;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 17/05/2023
- Phantom: SAM1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH20050(1720MHz Front)/Area Scan (61x81x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.425 W/kg

Configuration/CH20050(1720MHz Front)/Zoom Scan (5x5x7)/Cube 0:

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

Reference Value = 8.794 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.665 W/kg

SAR(1 g) = 0.380 W/kg; SAR(10 g) = 0.211 W/kg

Maximum value of SAR (measured) = 0.424 W/kg

