

APPENDIX A

Graph Results (GSM & UMTS & E-UTRA)

Test Mode: GSM850(0mm)

Test Laboratory: Audix SAR Lab

Date: 08/07/2024

CH128(824.2MHz Back)

DUT: Tablet PC M/N:8188G

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 - SN3809; ConvF(9.07, 8.69, 8.46); Calibrated: 18/12/2023;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 06/06/2024
- Phantom: SAM 1; 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 (51x101x1): Interpolated grid:

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

Maximum value of SAR (interpolated) = 0.591 W/kg

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

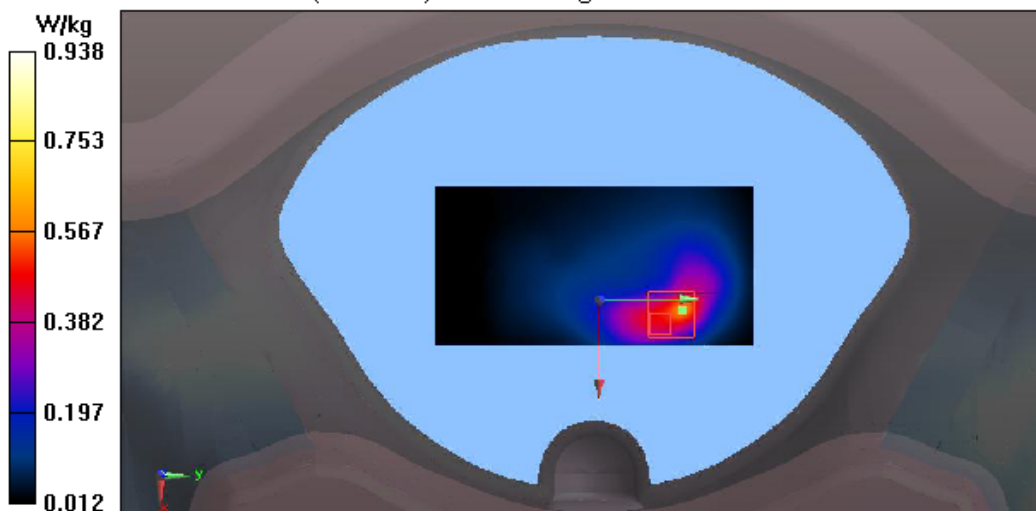
Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 11.11 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 1.16 W/kg

SAR(1 g) = 0.912 W/kg; SAR(10 g) = 0.489 W/kg

Maximum value of SAR (measured) = 0.938 W/kg



Test Laboratory: Audix SAR Lab

Date: 08/07/2024

CH128(824.2MHz Top)

DUT: Tablet PC M/N:8188G

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 - SN3809; ConvF(9.07, 8.69, 8.46); Calibrated: 18/12/2023;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 06/06/2024
- Phantom: SAM 1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH128(824.2MHz Top)/Area Scan (51x101x1): Interpolated grid:

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

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

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

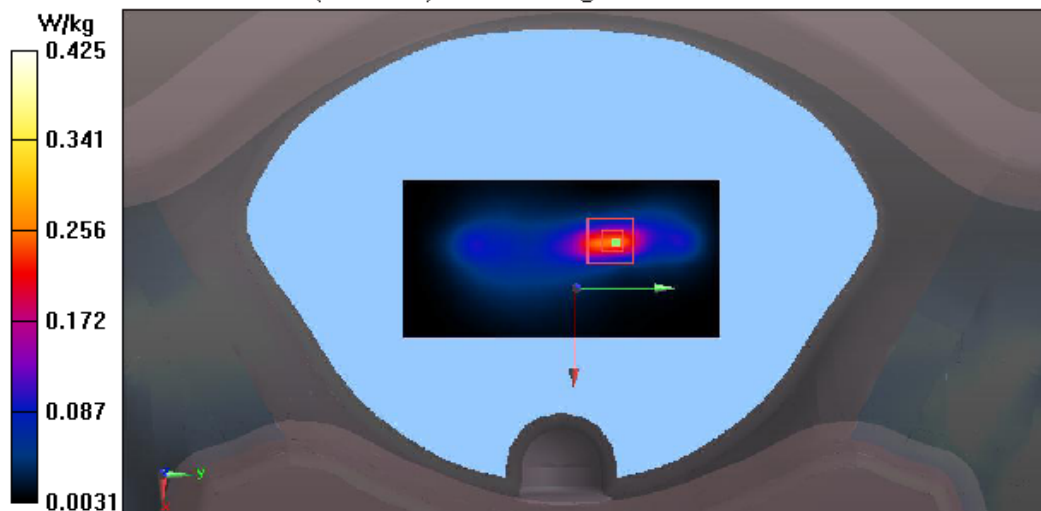
Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 11.01 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.604 W/kg

SAR(1 g) = 0.411 W/kg; SAR(10 g) = 0.133 W/kg

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



Test Mode: GSM850(15mm)

Test Laboratory: Audix SAR Lab

Date: 08/07/2024

CH128(824.2MHz Back)

DUT: Tablet PC M/N:8188G

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 - SN3809; ConvF(9.07, 8.69, 8.46); Calibrated: 18/12/2023;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 06/06/2024
- Phantom: SAM 1; 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 (51x101x1): Interpolated grid:

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

Maximum value of SAR (interpolated) = 0.311 W/kg

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

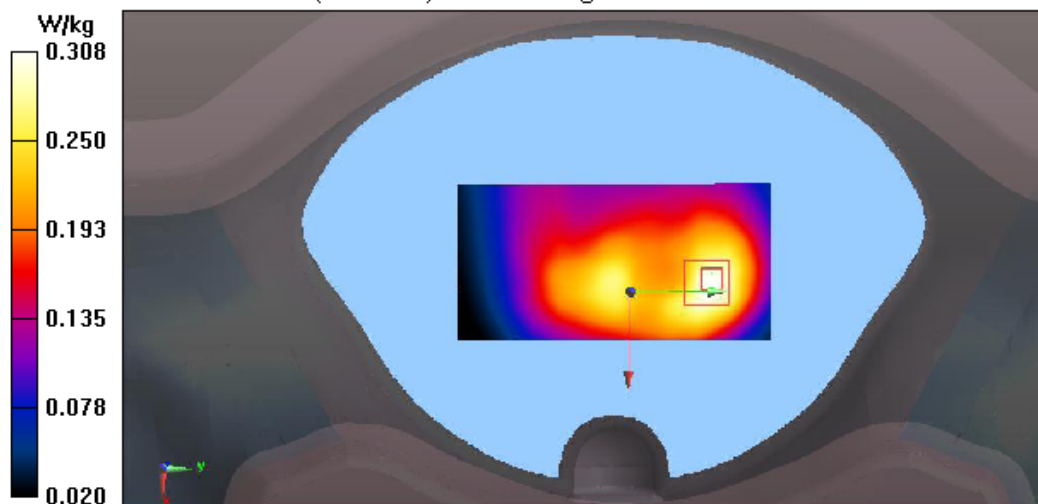
Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 16.36 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.439 W/kg

SAR(1 g) = 0.290 W/kg; SAR(10 g) = 0.195 W/kg

Maximum value of SAR (measured) = 0.308 W/kg



Test Laboratory: Audix SAR Lab

Date: 08/07/2024

CH128(824.2MHz Top)

DUT: Tablet PC M/N:8188G

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 - SN3809; ConvF(9.07, 8.69, 8.46); Calibrated: 18/12/2023;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 06/06/2024
- Phantom: SAM 1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH128(824.2MHz Top)/Area Scan (51x101x1): Interpolated grid:

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

Maximum value of SAR (interpolated) = 0.167 W/kg

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

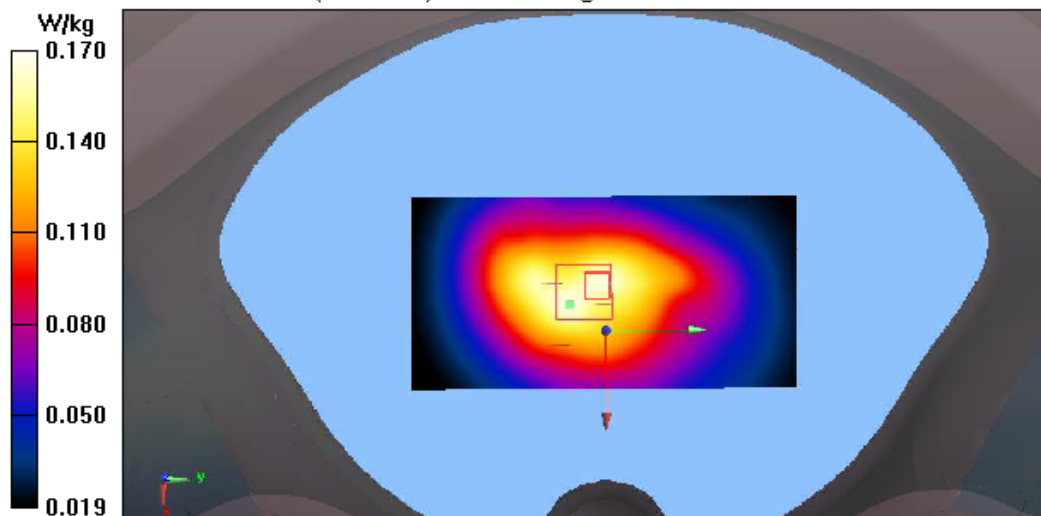
Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 14.24 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.228 W/kg

SAR(1 g) = 0.158 W/kg; SAR(10 g) = 0.110 W/kg

Maximum value of SAR (measured) = 0.170 W/kg



Test Mode: GSM1900(0mm)

Test Laboratory: Audix SAR Lab

Date: 10/07/2024

CH512(1850.2MHz Back)

DUT: Tablet PC M/N:8188G

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 - SN3809; ConvF(8.42, 7.98, 7.67); Calibrated: 18/12/2023;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 06/06/2024
- Phantom: SAM 1; 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 (51x101x1): Interpolated

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

Maximum value of SAR (interpolated) = 0.707 W/kg

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

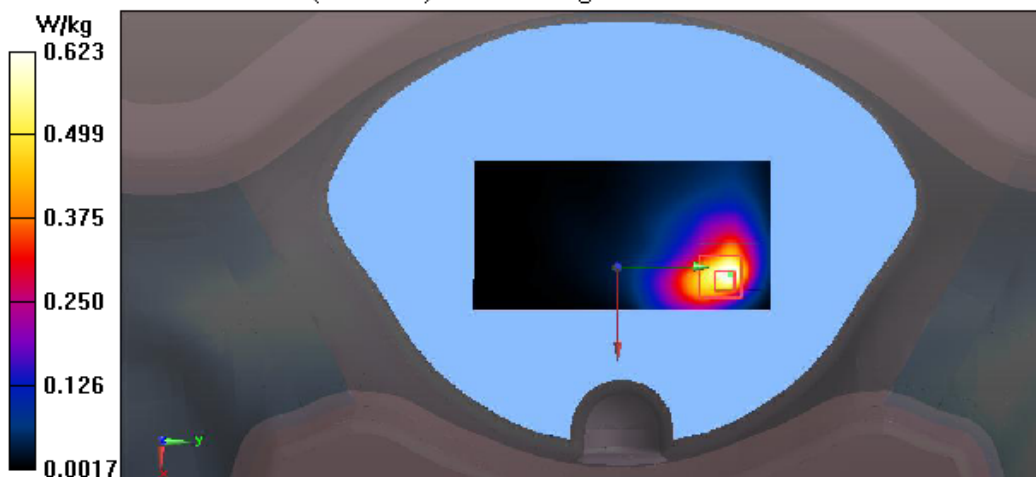
Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 4.167 V/m ; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.98 W/kg

SAR(1 g) = 0.622 W/kg ; SAR(10 g) = 0.266 W/kg

Maximum value of SAR (measured) = 0.623 W/kg



Test Laboratory: Audix SAR Lab

Date: 10/07/2024

CH512(1850.2MHz Top)

DUT: Tablet PC M/N:8188G

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 - SN3809; ConvF(8.42, 7.98, 7.67); Calibrated: 18/12/2023;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 06/06/2024
- Phantom: SAM 1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH512(1850.2MHz Top)/Area Scan (51x101x1): Interpolated grid:

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

Maximum value of SAR (interpolated) = 0.524 W/kg

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

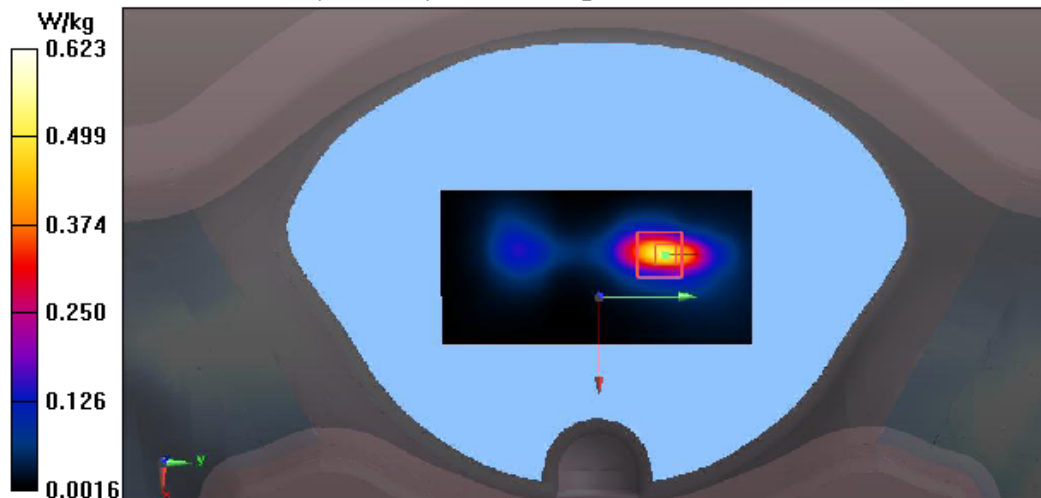
Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 6.439 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 1.47 W/kg

SAR(1 g) = 0.517 W/kg; SAR(10 g) = 0.207 W/kg

Maximum value of SAR (measured) = 0.623 W/kg



Test Mode: GSM1900(15mm)

Test Laboratory: Audix SAR Lab

Date: 10/07/2024

CH512(1850.2MHz Back)

DUT: Tablet PC M/N:8188G

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 - SN3809; ConvF(8.42, 7.98, 7.67); Calibrated: 18/12/2023;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 06/06/2024
- Phantom: SAM 1; 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 (51x101x1): Interpolated

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

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

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

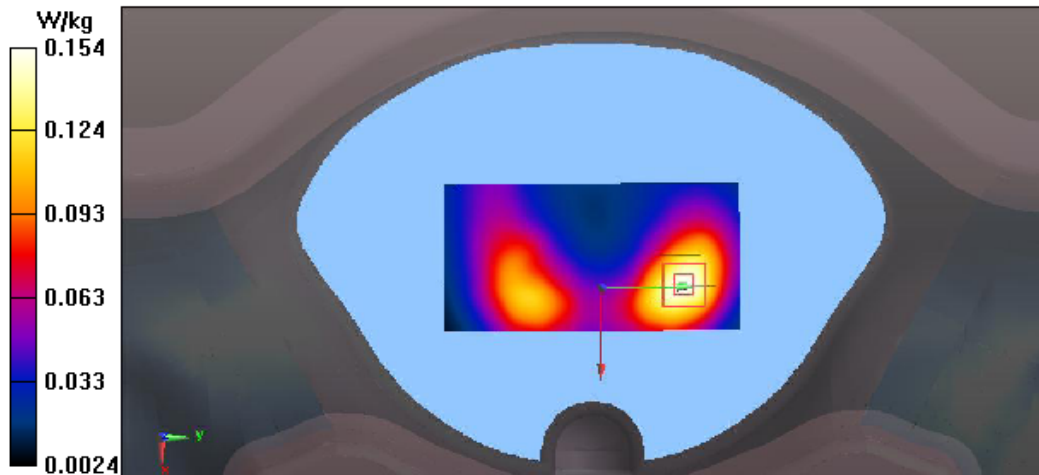
Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 3.954 V/m ; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.286 W/kg

SAR(1 g) = 0.144 W/kg ; SAR(10 g) = 0.079 W/kg

Maximum value of SAR (measured) = 0.154 W/kg



Test Laboratory: Audix SAR Lab

Date: 10/07/2024

CH512(1850.2MHz Top)

DUT: Tablet PC M/N:8188G

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 - SN3809; ConvF(8.42, 7.98, 7.67); Calibrated: 18/12/2023;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 06/06/2024
- Phantom: SAM 1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH512(1850.2MHz Top)/Area Scan (51x101x1): Interpolated grid:

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

Maximum value of SAR (interpolated) = 0.144 W/kg

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

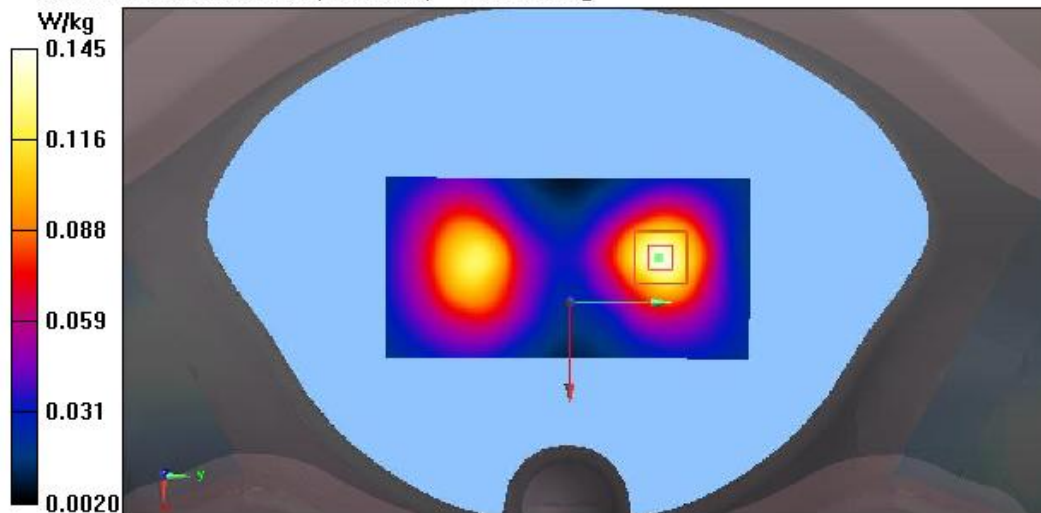
Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 4.902 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.265 W/kg

SAR(1 g) = 0.134 W/kg; SAR(10 g) = 0.073 W/kg

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



Test Mode: UMTS Band 2(0mm)

Test Laboratory: Audix SAR Lab

Date: 10/07/2024

CH9538(1907.6MHz Back)

DUT: Tablet PC M/N:8188G

Communication System: UID 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 - SN3809; ConvF(8.42, 7.98, 7.67); Calibrated: 18/12/2023;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 06/06/2024
- Phantom: SAM 1; 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 (51x101x1): Interpolated

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

Maximum value of SAR (interpolated) = 0.555 W/kg

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

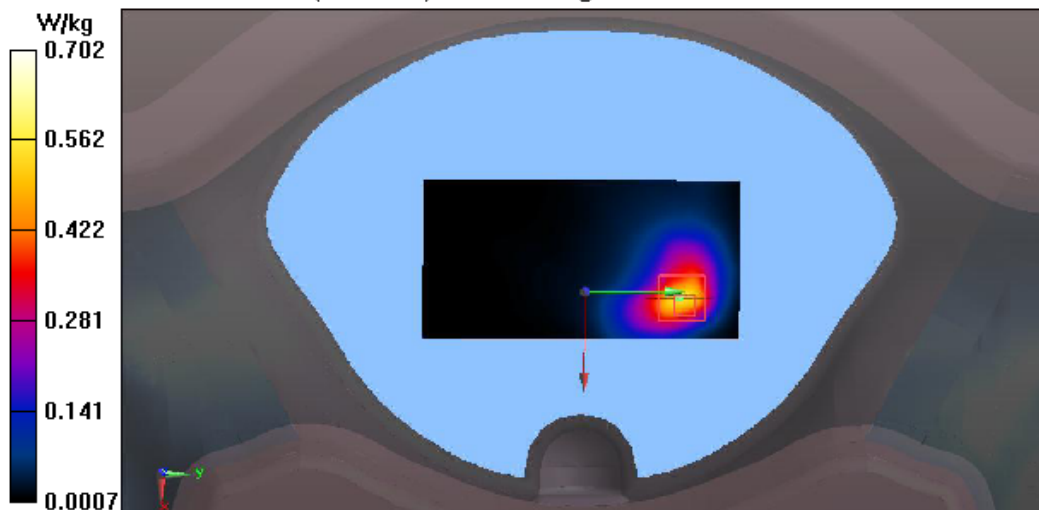
Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 3.062 V/m ; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.80 W/kg

SAR(1 g) = 0.633 W/kg ; SAR(10 g) = 0.257 W/kg

Maximum value of SAR (measured) = 0.702 W/kg



Test Laboratory: Audix SAR Lab

Date: 10/07/2024

CH9538(1907.6MHz Top)

DUT: Tablet PC M/N:8188G

Communication System: UID 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 - SN3809; ConvF(8.42, 7.98, 7.67); Calibrated: 18/12/2023;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 06/06/2024
- Phantom: SAM 1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH9538(1907.6MHz Top)/Area Scan (51x101x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.886 W/kg

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

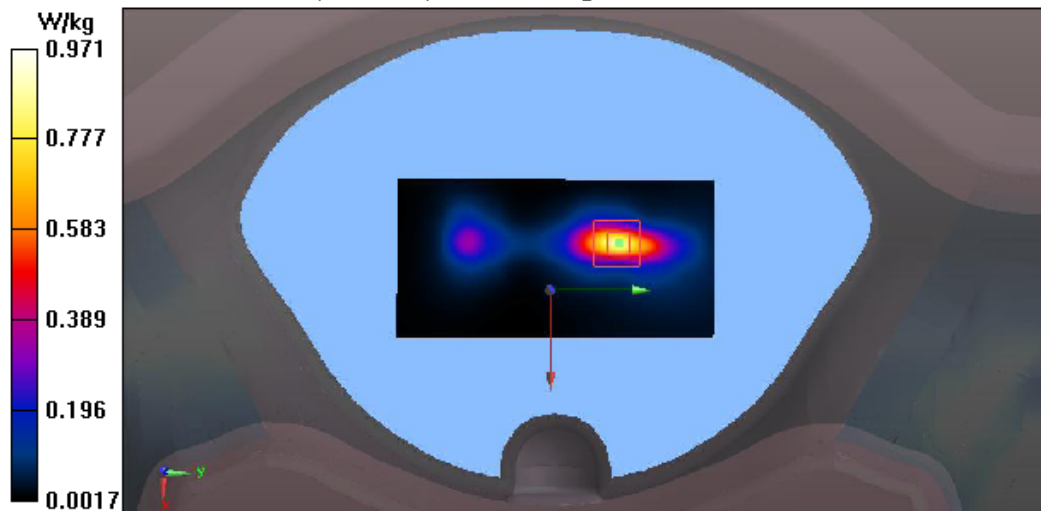
Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 9.395 W/m; Power Drift = 0.20 dB

Peak SAR (extrapolated) = 2.17 W/kg

SAR(1 g) = 0.913 W/kg; SAR(10 g) = 0.408 W/kg

Maximum value of SAR (measured) = 0.971 W/kg



Test Mode: UMTS Band 2(15mm)

Test Laboratory: Audix SAR Lab

Date: 10/07/2024

CH9538(1907.6MHz Back)

DUT: Tablet PC M/N:8188G

Communication System: UID 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 - SN3809; ConvF(8.42, 7.98, 7.67); Calibrated: 18/12/2023;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 06/06/2024
- Phantom: SAM 1; 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 (51x101x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.463 W/kg

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

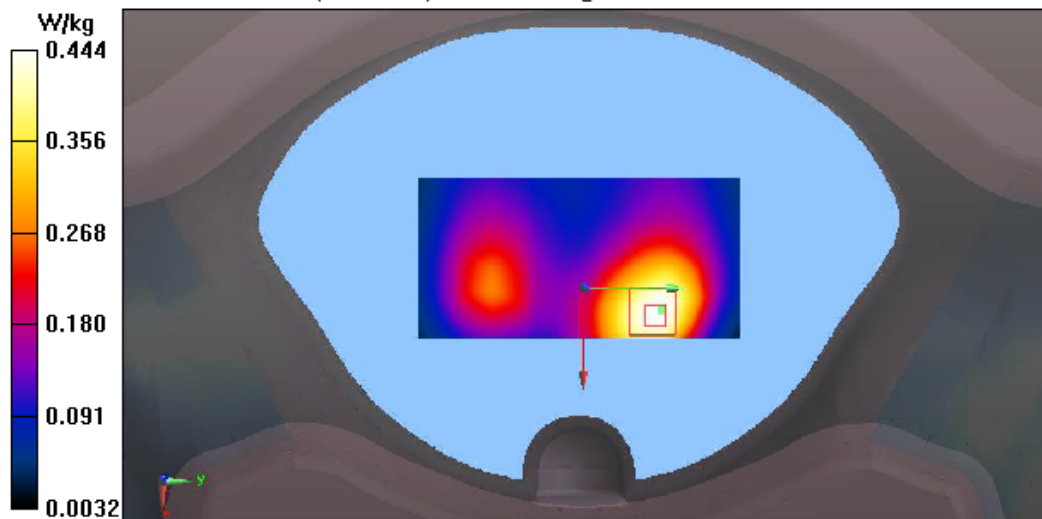
Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 8.996 V/m ; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.911 W/kg

SAR(1 g) = 0.427 W/kg ; SAR(10 g) = 0.233 W/kg

Maximum value of SAR (measured) = 0.444 W/kg



Test Laboratory: Audix SAR Lab

Date: 10/07/2024

CH9538(1907.6MHz Top)

DUT: Tablet PC M/N:8188G

Communication System: UID 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 - SN3809; ConvF(8.42, 7.98, 7.67); Calibrated: 18/12/2023;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 06/06/2024
- Phantom: SAM 1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH9538(1907.6MHz Top)/Area Scan (51x101x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.150 W/kg

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

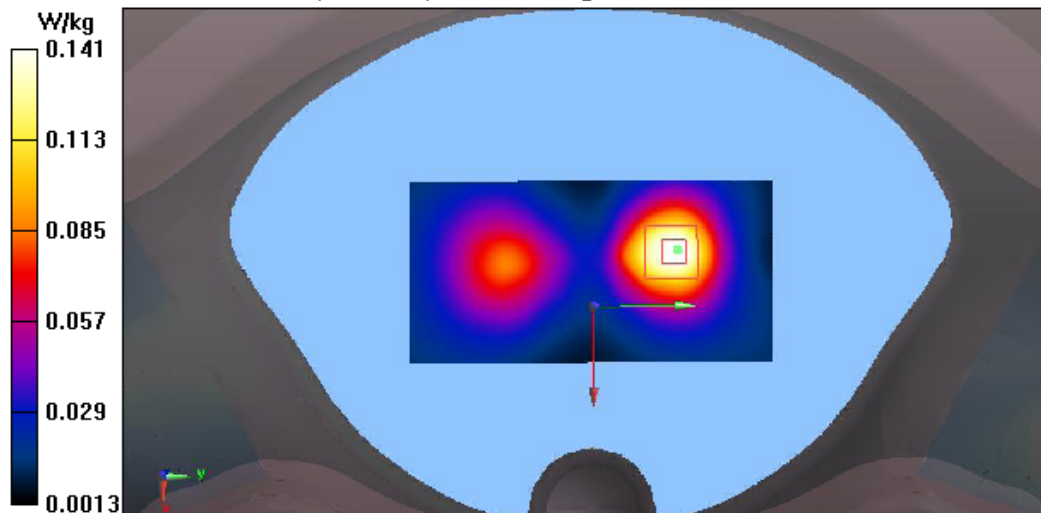
Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 4.743 V/m ; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.288 W/kg

SAR(1 g) = 0.133 W/kg ; SAR(10 g) = 0.069 W/kg

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



Test Mode: UMTS Band 4(0mm)

Test Laboratory: Audix SAR Lab

Date: 09/07/2024

CH1312(1712.4MHz Back)

DUT: Tablet PC M/N:8188G

Communication System: UID 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): $f = 1712.4 \text{ MHz}$, $\sigma = 1.282 \text{ S/m}$, $\epsilon_r = 40.5$, $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3809; ConvF(8.08, 7.78, 7.42); Calibrated: 18/12/2023;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 06/06/2024
- Phantom: SAM 1; 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 (51x101x1): Interpolated

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

Maximum value of SAR (interpolated) = 0.834 W/kg

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

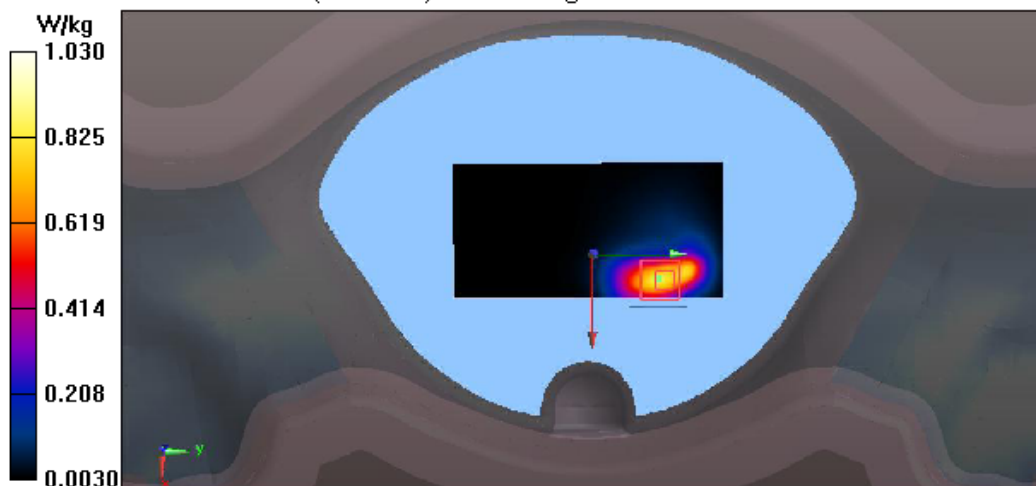
Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 2.769 V/m ; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 2.66 W/kg

SAR(1 g) = 0.653 W/kg ; SAR(10 g) = 0.322 W/kg

Maximum value of SAR (measured) = 1.03 W/kg



Test Laboratory: Audix SAR Lab

Date: 09/07/2024

CH1312(1712.4MHz Top)

DUT: Tablet PC M/N:8188G

Communication System: UID 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 - SN3809; ConvF(8.08, 7.78, 7.42); Calibrated: 18/12/2023;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 06/06/2024
- Phantom: SAM 1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH1312(1712.4MHz Top)/Area Scan (51x101x1): Interpolated

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

Maximum value of SAR (interpolated) = 0.340 W/kg

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

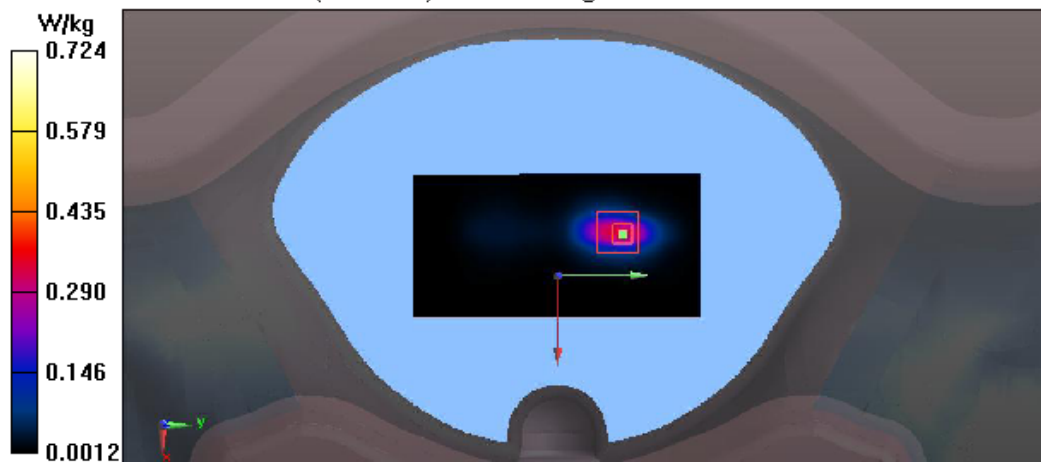
Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 4.063 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.987 W/kg

SAR(1 g) = 0.713 W/kg; SAR(10 g) = 0.358 W/kg

Maximum value of SAR (measured) = 0.724 W/kg



Test Mode: UMTS Band 4(15mm)

Test Laboratory: Audix SAR Lab

Date: 09/07/2024

CH1312(1712.4MHz Back)

DUT: Tablet PC M/N:8188G

Communication System: UID 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): $f = 1712.4 \text{ MHz}$, $\sigma = 1.282 \text{ S/m}$, $\epsilon_r = 40.5$, $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3809; ConvF(8.08, 7.78, 7.42); Calibrated: 18/12/2023;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 06/06/2024
- Phantom: SAM 1; 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 (51x101x1): Interpolated

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

Maximum value of SAR (interpolated) = 0.578 W/kg

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

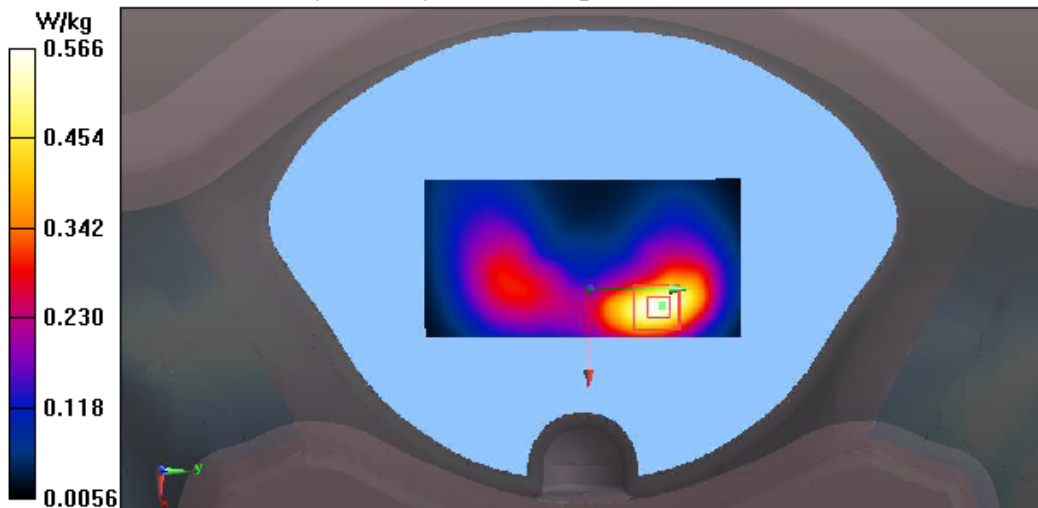
Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 8.110 V/m ; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 1.06 W/kg

SAR(1 g) = 0.519 W/kg ; SAR(10 g) = 0.273 W/kg

Maximum value of SAR (measured) = 0.566 W/kg



Test Laboratory: Audix SAR Lab

Date: 09/07/2024

CH1312(1712.4MHz Top)

DUT: Tablet PC M/N:8188G

Communication System: UID 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 - SN3809; ConvF(8.08, 7.78, 7.42); Calibrated: 18/12/2023;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 06/06/2024
- Phantom: SAM 1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH1312(1712.4MHz Top)/Area Scan (51x101x1): Interpolated

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

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

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

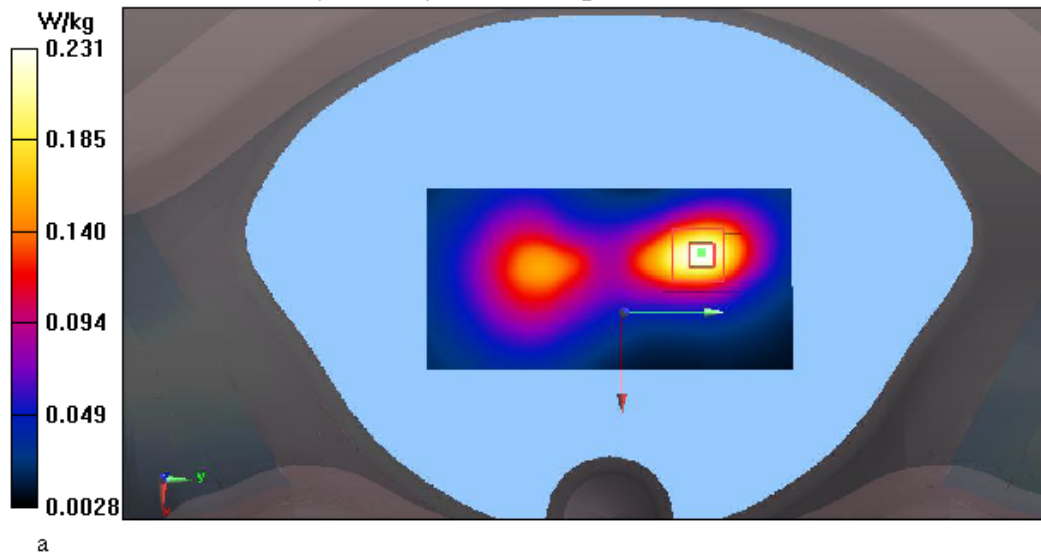
Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 8.269 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.443 W/kg

SAR(1 g) = 0.208 W/kg; SAR(10 g) = 0.107 W/kg

Maximum value of SAR (measured) = 0.231 W/kg



Test Mode: UMTS Band 5(0mm)

Test Laboratory: Audix SAR Lab

Date: 08/07/2024

CH4132(826.4MHz Back)

DUT: Tablet PC M/N:8188G

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 - SN3809; ConvF(9.07, 8.69, 8.46); Calibrated: 18/12/2023;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 06/06/2024
- Phantom: SAM 1; 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 (51x101x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

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

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

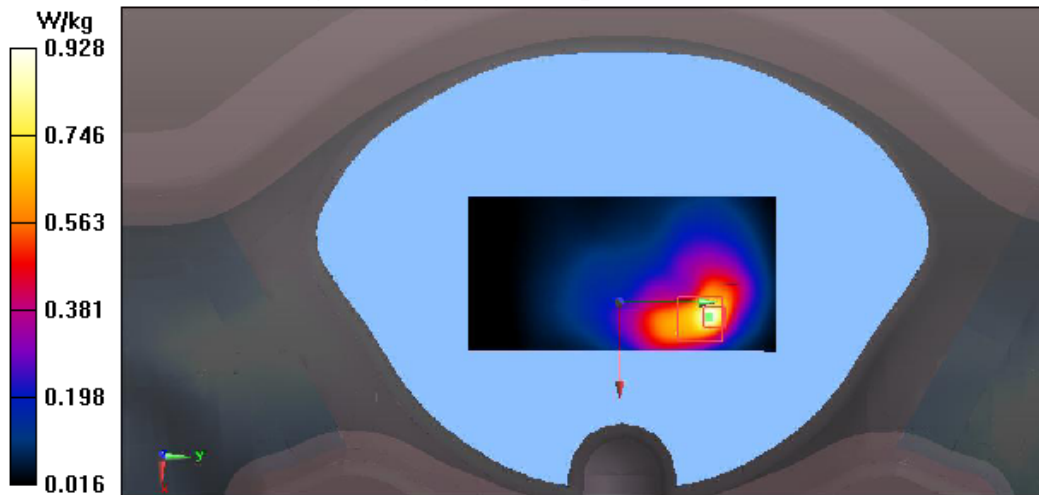
Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 12.89 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 2.13 W/kg

SAR(1 g) = 0.793 W/kg; SAR(10 g) = 0.407 W/kg

Maximum value of SAR (measured) = 0.928 W/kg



Test Laboratory: Audix SAR Lab

Date: 08/07/2024

CH4132(826.4MHz Top)

DUT: Tablet PC M/N:8188G

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): $f = 826.4$ MHz; $\sigma = 0.882$ S/m; $\epsilon_r = 41.602$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3809; ConvF(9.07, 8.69, 8.46); Calibrated: 18/12/2023;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 06/06/2024
- Phantom: SAM 1; 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 (51x101x1): Interpolated grid:

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

Maximum value of SAR (interpolated) = 0.252 W/kg

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

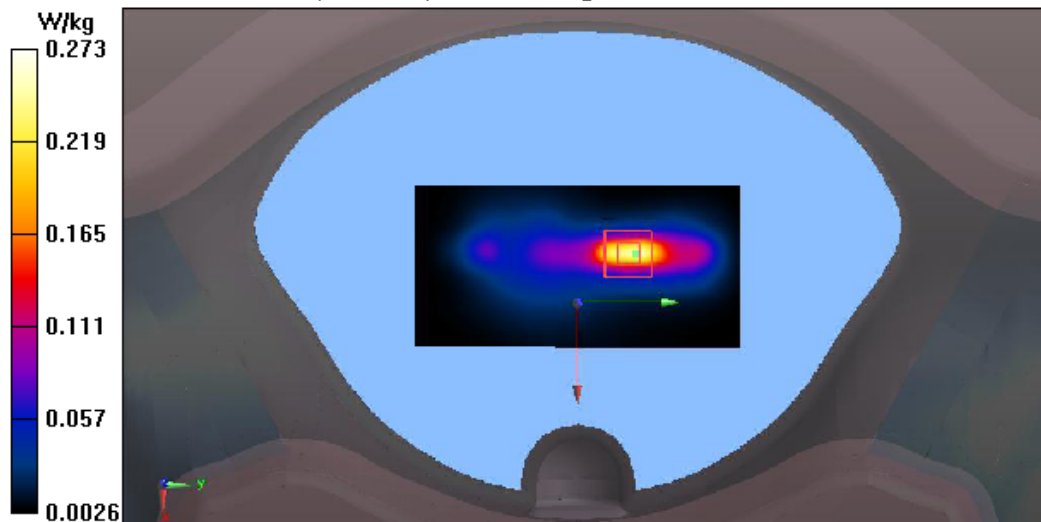
Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 10.18 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.623 W/kg

SAR(1 g) = 0.226 W/kg; SAR(10 g) = 0.090 W/kg

Maximum value of SAR (measured) = 0.273 W/kg



Test Mode: UMTS Band 5(15mm)

Test Laboratory: Audix SAR Lab

Date: 08/07/2024

CH4132(826.4MHz Back)

DUT: Tablet PC M/N:8188G

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 - SN3809; ConvF(9.07, 8.69, 8.46); Calibrated: 18/12/2023;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 06/06/2024
- Phantom: SAM 1; 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 (51x101x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.325 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 = 16.09 V/m ; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.505 W/kg

SAR(1 g) = 0.295 W/kg ; SAR(10 g) = 0.191 W/kg

Maximum value of SAR (measured) = 0.310 W/kg

