

Test Laboratory: Audix SAR Lab
CH23095(707.5MHz Back)

Date: 01/09/2019

EUT: COSMO M/N: COSMO COMMUNICATOR VE

Communication System: UID 0, Generic LTE (0); Communication System Band: Band 12, E-UTRA/FDD (698.0 - 716.0 MHz); Frequency: 707.5 MHz; Communication System PAR: 0 dB

Medium parameters used (interpolated): $f = 707.5$ MHz; $\sigma = 0.948$ S/m; $\epsilon_r = 55.446$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(10.00, 10.00, 10.00); Calibrated: 25/03/2019;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 19/03/2019
- Phantom: SAM1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH23095(707.5MHz Back)/Area Scan (61x81x1): Interpolated

grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.00158 W/kg

Configuration/CH23095(707.5MHz Back)/Zoom Scan (5x5x7)/Cube 0:

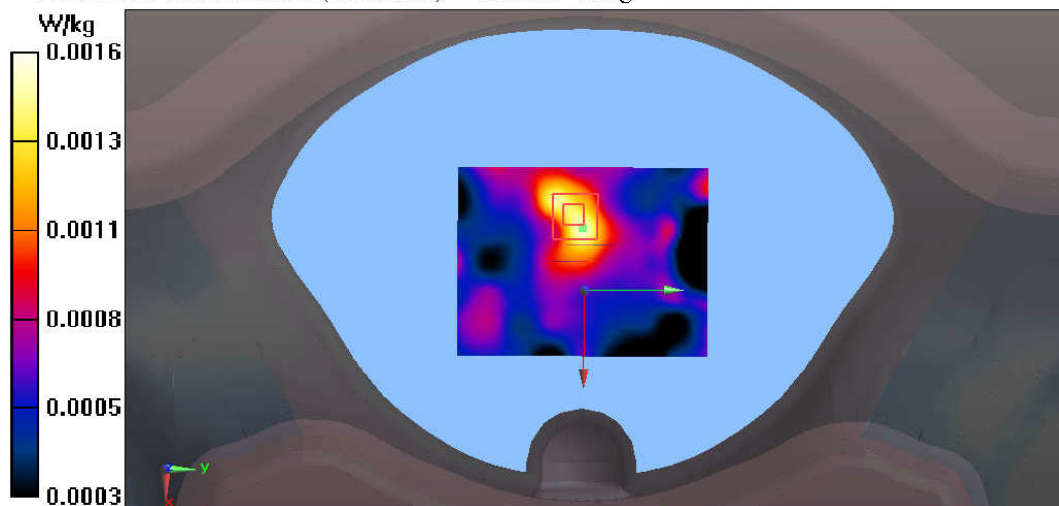
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.229 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.00167 W/kg

SAR(1 g) = 0.00151 W/kg; SAR(10 g) = 0.00118 W/kg

Maximum value of SAR (measured) = 0.00163 W/kg



Test Laboratory: Audix SAR Lab
CH23095(707.5MHz Bottom)

Date: 01/09/2019

EUT: COSMO M/N: COSMO COMMUNICATOR VE

Communication System: UID 0, Generic LTE (0); Communication System Band: Band 12, E-UTRA/FDD (698.0 - 716.0 MHz); Frequency: 707.5 MHz; Communication System PAR: 0 dB

Medium parameters used (interpolated): $f = 707.5$ MHz; $\sigma = 0.948$ S/m; $\epsilon_r = 55.446$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(10.00, 10.00, 10.00); Calibrated: 25/03/2019;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 19/03/2019
- Phantom: SAM1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH23095(707.5MHz Bottom)/Area Scan (61x81x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.00903 W/kg

Configuration/CH23095(707.5MHz Bottom)/Zoom Scan (5x5x7)/Cube 0:

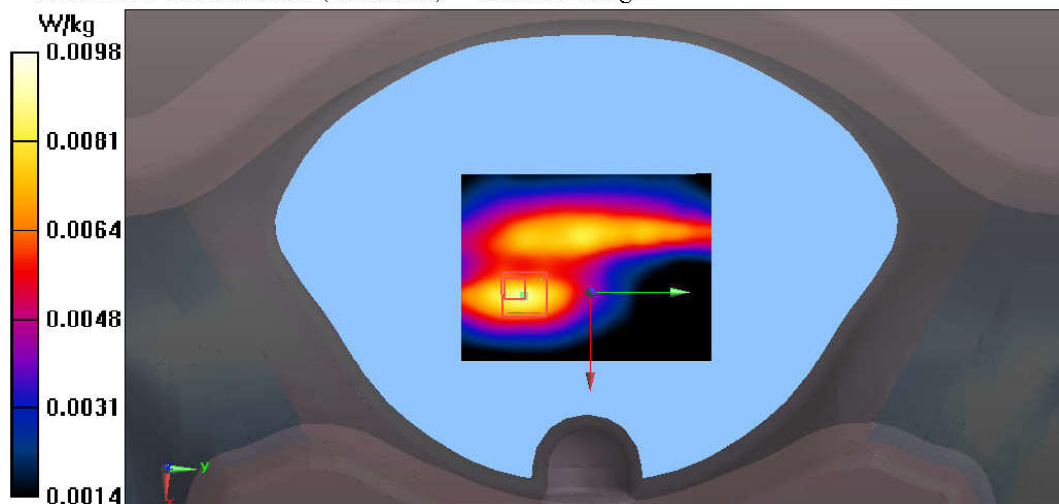
Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 2.245 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.0140 W/kg

SAR(1 g) = 0.00969 W/kg; SAR(10 g) = 0.00677 W/kg

Maximum value of SAR (measured) = 0.00988 W/kg



Test Laboratory: Audix SAR Lab
CH23095(707.5MHz Front)

Date: 01/09/2019

EUT: COSMO M/N: COSMO COMMUNICATOR VE

Communication System: UID 0, Generic LTE (0); Communication System Band: Band 12, E-UTRA/FDD (698.0 - 716.0 MHz); Frequency: 707.5 MHz; Communication System PAR: 0 dB

Medium parameters used (interpolated): $f = 707.5$ MHz; $\sigma = 0.948$ S/m; $\epsilon_r = 55.446$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(10.00, 10.00, 10.00); Calibrated: 25/03/2019;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 19/03/2019
- Phantom: SAM1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH23095(707.5MHz Front)/Area Scan (61x81x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.0220 W/kg

Configuration/CH23095(707.5MHz Front)/Zoom Scan (5x5x7)/Cube 0:

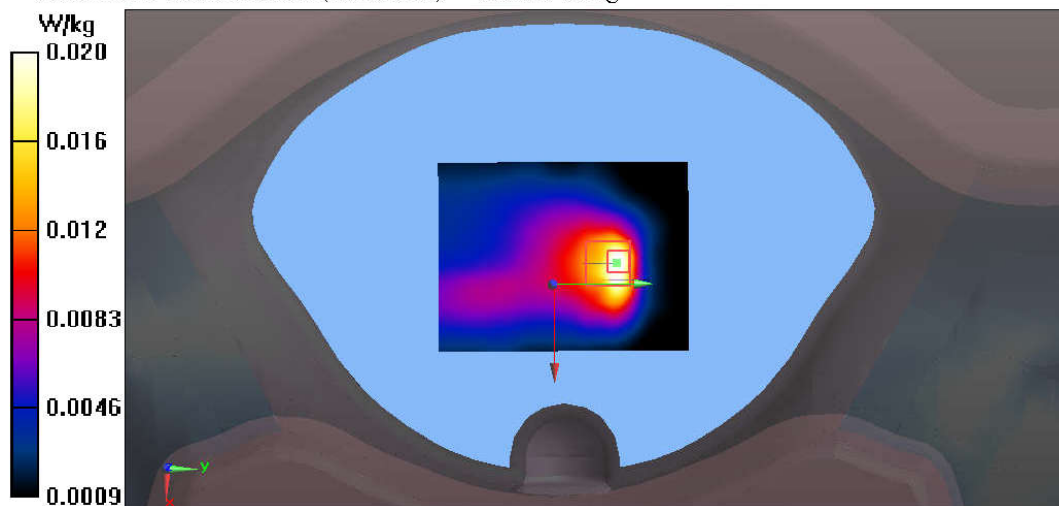
Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 3.435 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.0340 W/kg

SAR(1 g) = 0.018 W/kg; SAR(10 g) = 0.011 W/kg

Maximum value of SAR (measured) = 0.0195 W/kg



Test Laboratory: Audix SAR Lab
CH23095(707.5MHz Right)

Date: 01/09/2019

EUT: COSMO M/N: COSMO COMMUNICATOR VE

Communication System: UID 0, Generic LTE (0); Communication System Band: Band 12, E-UTRA/FDD (698.0 - 716.0 MHz); Frequency: 707.5 MHz; Communication System PAR: 0 dB

Medium parameters used (interpolated): $f = 707.5$ MHz; $\sigma = 0.948$ S/m; $\epsilon_r = 55.446$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(10.00, 10.00, 10.00); Calibrated: 25/03/2019;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 19/03/2019
- Phantom: SAM1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH23095(707.5MHz Right)/Area Scan (61x81x1): Interpolated

grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.00678 W/kg

Configuration/CH23095(707.5MHz Right)/Zoom Scan (5x5x7)/Cube 0:

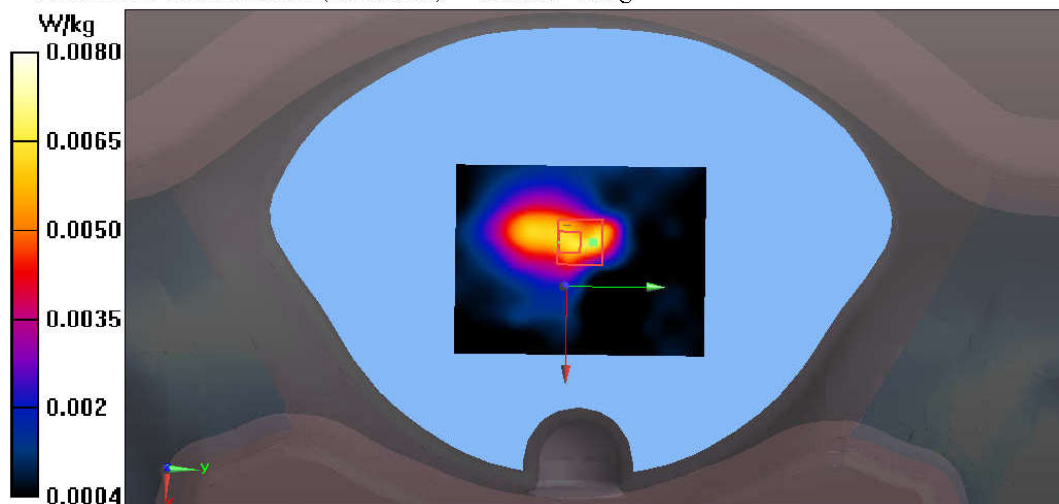
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.679 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.0160 W/kg

SAR(1 g) = 0.00652 W/kg; SAR(10 g) = 0.0034 W/kg

Maximum value of SAR (measured) = 0.00803 W/kg



Test Laboratory: Audix SAR Lab

Date: 01/09/2019

CH23095(707.5MHz Top)

EUT: COSMO M/N: COSMO COMMUNICATOR VE

Communication System: UID 0, Generic LTE (0); Communication System Band: Band 12, E-UTRA/FDD (698.0 - 716.0 MHz); Frequency: 707.5 MHz; Communication System PAR: 0 dB

Medium parameters used (interpolated): $f = 707.5$ MHz; $\sigma = 0.948$ S/m; $\epsilon_r = 55.446$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(10.00, 10.00, 10.00); Calibrated: 25/03/2019;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 19/03/2019
- Phantom: SAM1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH23095(707.5MHz Top)/Area Scan (61x81x1): Interpolated grid:

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

Maximum value of SAR (interpolated) = 0.00409 W/kg

Configuration/CH23095(707.5MHz Top)/Zoom Scan (5x5x7)/Cube 0:

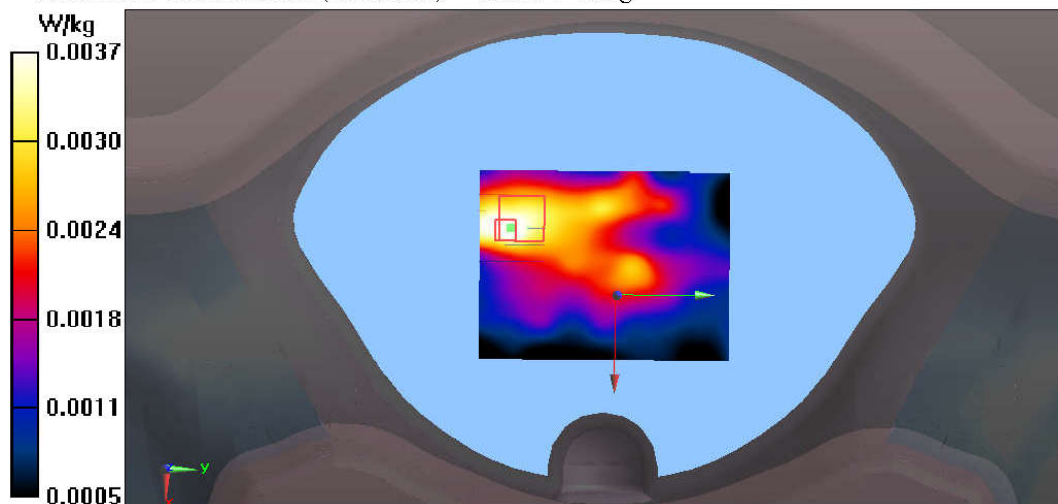
Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 1.555 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.00685 W/kg

SAR(1 g) = 0.00364 W/kg; SAR(10 g) = 0.00267 W/kg

Maximum value of SAR (measured) = 0.00371 W/kg



Test Laboratory: Audix SAR Lab

Date: 01/09/2019

Head 15 Degree Left CH23095(707.5MHz) -Right

EUT: COSMO M/N: COSMO COMMUNICATOR VE

Communication System: UID 0, Generic LTE (0); Communication System Band: Band 12, E-UTRA/FDD (698.0 - 716.0 MHz); Frequency: 707.5 MHz; Communication System PAR: 0 dB

Medium parameters used (interpolated): $f = 707.5$ MHz; $\sigma = 0.858$ S/m; $\epsilon_r = 42.446$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(9.72, 9.72, 9.72); Calibrated: 25/03/2019;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 19/03/2019
- 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 CH23095(707.5MHz)/Area Scan

(121x61x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.0167 W/kg

Configuration/Head 15 Degree Left CH23095(707.5MHz)/Zoom Scan

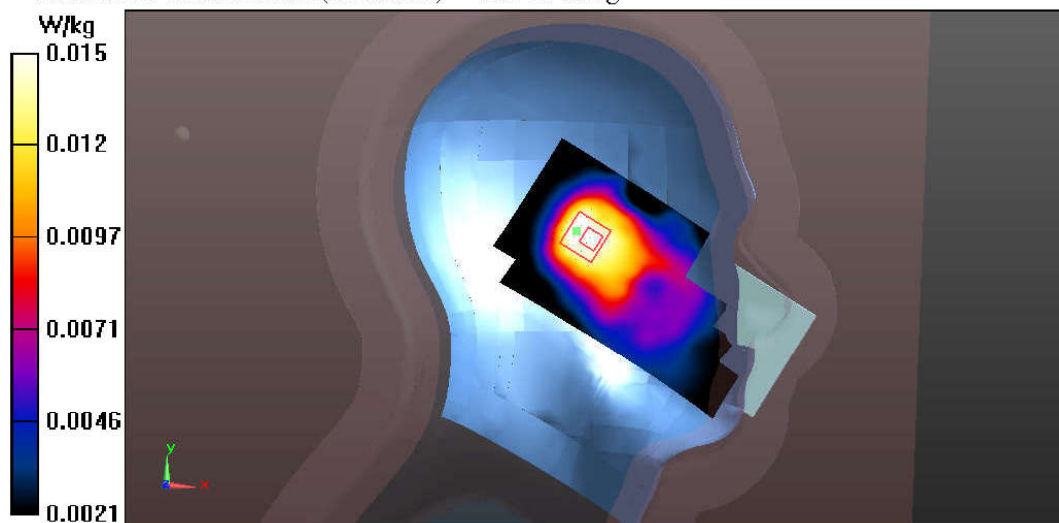
(5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 4.071 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.0190 W/kg

SAR(1 g) = 0.014 W/kg; SAR(10 g) = 0.011 W/kg

Maximum value of SAR (measured) = 0.0148 W/kg



Test Laboratory: Audix SAR Lab

Date: 01/09/2019

Head 15 Degree Right CH23095(707.5MHz) -Right

EUT: COSMO M/N: COSMO COMMUNICATOR VE

Communication System: UID 0, Generic LTE (0); Communication System Band: Band 12, E-UTRA/FDD (698.0 - 716.0 MHz); Frequency: 707.5 MHz; Communication System PAR: 0 dB

Medium parameters used (interpolated): $f = 707.5$ MHz; $\sigma = 0.858$ S/m; $\epsilon_r = 42.446$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(9.72, 9.72, 9.72); Calibrated: 25/03/2019;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 19/03/2019
- 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 CH23095(707.55MHz)/Area Scan

(121x61x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.0145 W/kg

Configuration/Head 15 Degree Right CH23095(707.55MHz)/Zoom Scan

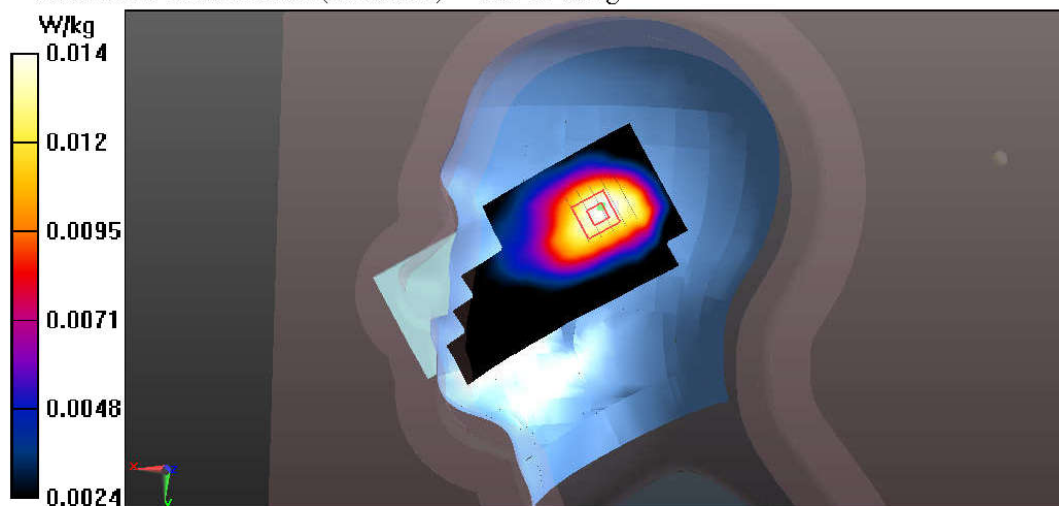
(5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 4.016 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.0160 W/kg

SAR(1 g) = 0.014 W/kg; SAR(10 g) = 0.011 W/kg

Maximum value of SAR (measured) = 0.0142 W/kg



Test Laboratory: Audix SAR Lab

Date: 01/09/2019

Head Touch Left CH23095(707.5MHz) -Right

EUT: COSMO M/N: COSMO COMMUNICATOR VE

Communication System: UID 0, Generic LTE (0); Communication System Band: Band 12, E-UTRA/FDD (698.0 - 716.0 MHz); Frequency: 707.5 MHz; Communication System PAR: 0 dB

Medium parameters used (interpolated): $f = 707.5$ MHz; $\sigma = 0.858$ S/m; $\epsilon_r = 42.446$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(9.72, 9.72, 9.72); Calibrated: 25/03/2019;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 19/03/2019
- 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 CH23095(707.5MHz)/Area Scan (121x61x1):

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

Maximum value of SAR (interpolated) = 0.0164 W/kg

Configuration/Head Touch Left CH23095(707.5MHz)/Zoom Scan

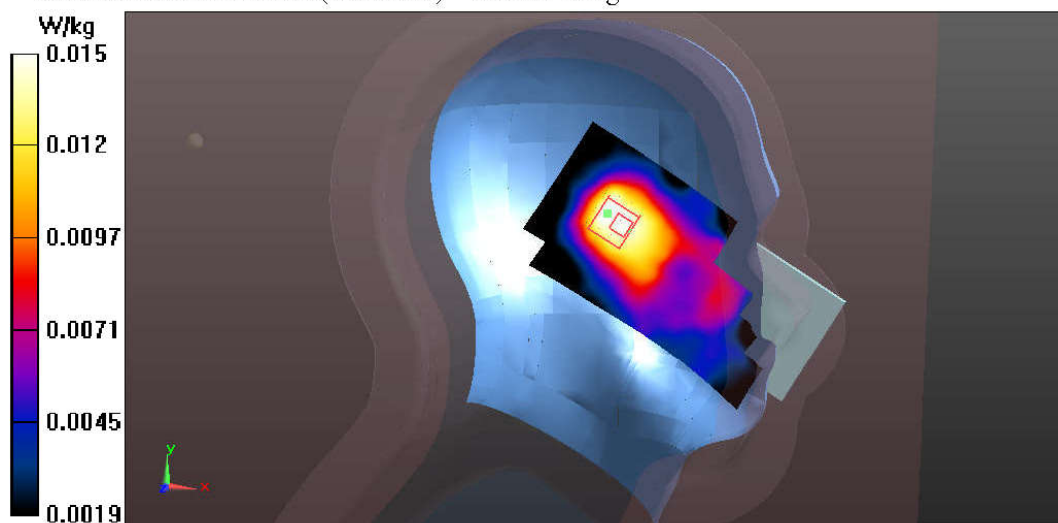
(5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 4.136 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.0190 W/kg

SAR(1 g) = 0.015 W/kg; SAR(10 g) = 0.012 W/kg

Maximum value of SAR (measured) = 0.0149 W/kg



Test Laboratory: Audix SAR Lab

Date: 01/09/2019

Head Touch Right CH23095(707.5MHz) -Right

EUT: COSMO M/N: COSMO COMMUNICATOR VE

Communication System: UID 0, Generic LTE (0); Communication System Band: Band 12, E-UTRA/FDD (698.0 - 716.0 MHz); Frequency: 707.5 MHz; Communication System PAR: 0 dB

Medium parameters used (interpolated): $f = 707.5$ MHz; $\sigma = 0.858$ S/m; $\epsilon_r = 42.446$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(9.72, 9.72, 9.72); Calibrated: 25/03/2019;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 19/03/2019
- 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 CH23095(707.55MHz)/Area Scan

(121x61x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.0149 W/kg

Configuration/Head Touch Right CH23095(707.55MHz)/Zoom Scan

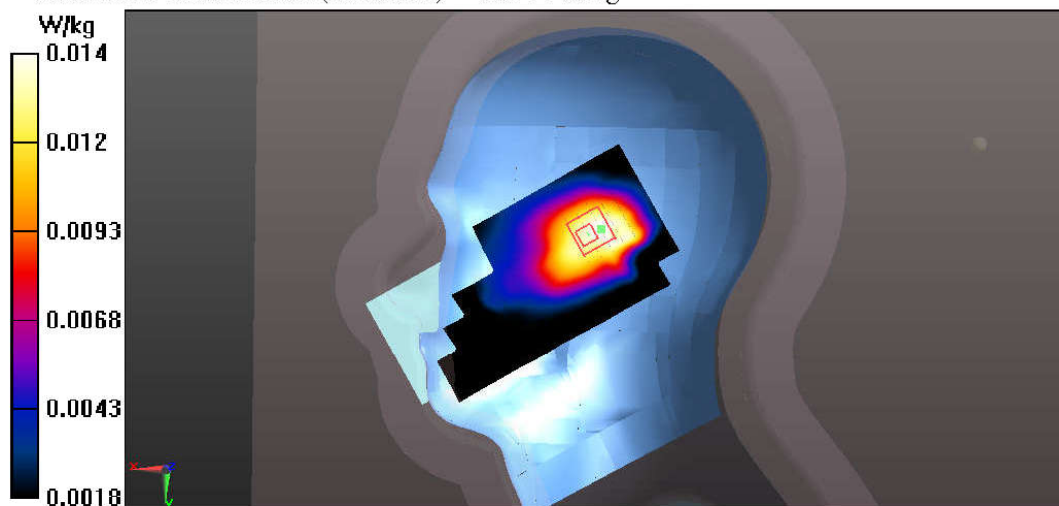
(5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 3.993 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.0170 W/kg

SAR(1 g) = 0.014 W/kg; SAR(10 g) = 0.011 W/kg

Maximum value of SAR (measured) = 0.0144 W/kg



Test Laboratory: Audix SAR Lab

Date: 31/08/2019

CH23230(782MHz Back)

EUT: COSMO M/N: COSMO COMMUNICATOR VE

Communication System: UID 0, Generic LTE (0); Communication System Band: Band 13, E-UTRA/FDD (777.0 - 787.0 MHz); Frequency: 782 MHz; Communication System PAR: 0 dB

Medium parameters used (interpolated): $f = 782 \text{ MHz}$; $\sigma = 0.912 \text{ S/m}$; $\epsilon_r = 54.699$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(10.00, 10.00, 10.00); Calibrated: 25/03/2019;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 19/03/2019
- Phantom: SAM1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH23230(782MHz Back)/Area Scan (61x81x1): Interpolated grid:

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

Maximum value of SAR (interpolated) = 0.00548 W/kg

Configuration/CH23230(782MHz Back)/Zoom Scan (5x5x7)/Cube 0:

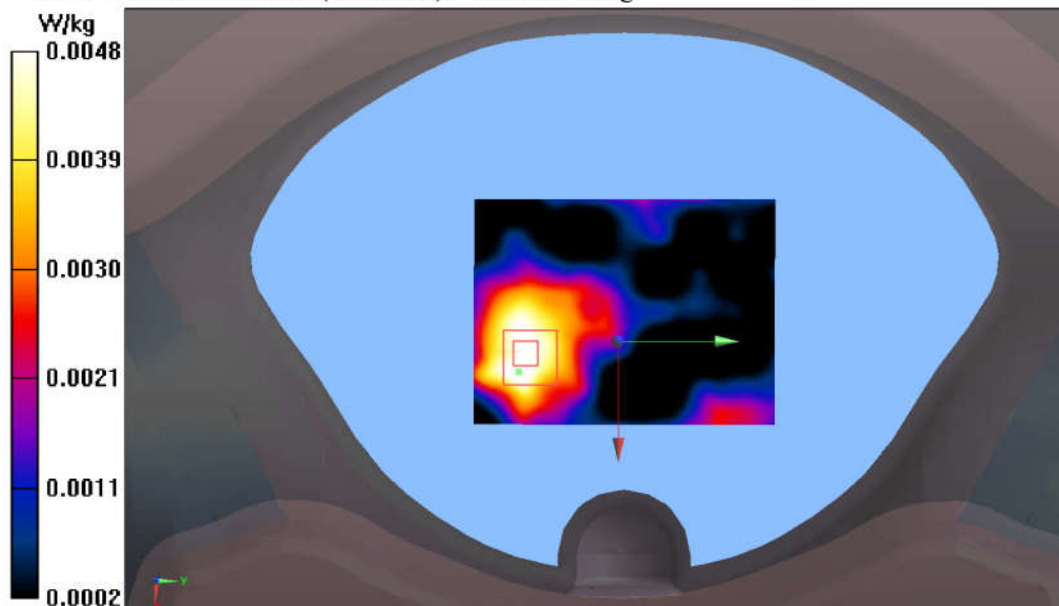
Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 1.049 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.00635 W/kg

SAR(1 g) = 0.00469 W/kg; SAR(10 g) = 0.00343 W/kg

Maximum value of SAR (measured) = 0.00483 W/kg



Test Laboratory: Audix SAR Lab

Date: 31/08/2019

CH23230(782MHz Bottom)

EUT: COSMO M/N: COSMO COMMUNICATOR VE

Communication System: UID 0, Generic LTE (0); Communication System Band: Band 13, E-UTRA/FDD (777.0 - 787.0 MHz); Frequency: 782 MHz; Communication System PAR: 0 dB

Medium parameters used (interpolated): $f = 782$ MHz; $\sigma = 0.912$ S/m; $\epsilon_r = 54.699$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(10.00, 10.00, 10.00); Calibrated: 25/03/2019;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 19/03/2019
- Phantom: SAM1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH23230(782MHz Bottom)/Area Scan (61x81x1): Interpolated

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

Maximum value of SAR (interpolated) = 0.0190 W/kg

Configuration/CH23230(782MHz Bottom)/Zoom Scan (5x5x7)/Cube 0:

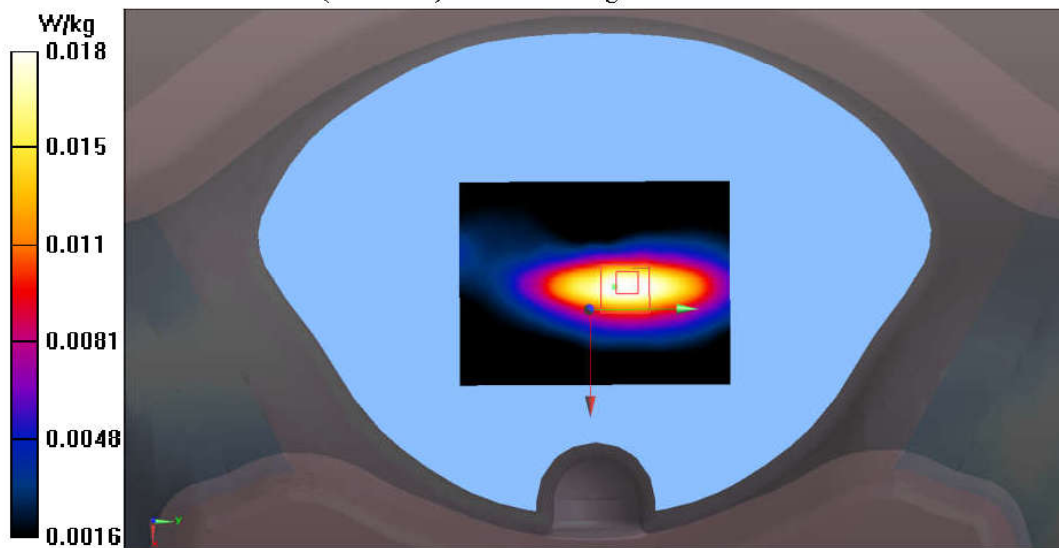
Measurement grid: $dx = 8$ mm, $dy = 8$ mm, $dz = 5$ mm

Reference Value = 3.985 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.0260 W/kg

SAR(1 g) = 0.017 W/kg; SAR(10 g) = 0.011 W/kg

Maximum value of SAR (measured) = 0.0179 W/kg



Test Laboratory: Audix SAR Lab

Date: 31/08/2019

CH23230(782MHz Front)

EUT: COSMO M/N: COSMO COMMUNICATOR VE

Communication System: UID 0, Generic LTE (0); Communication System Band: Band 13, E-UTRA/FDD (777.0 - 787.0 MHz); Frequency: 782 MHz; Communication System PAR: 0 dB

Medium parameters used (interpolated): $f = 782$ MHz; $\sigma = 0.912$ S/m; $\epsilon_r = 54.699$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(10.00, 10.00, 10.00); Calibrated: 25/03/2019;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 19/03/2019
- Phantom: SAM1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH23230(782MHz Front)/Area Scan (61x81x1): Interpolated grid:

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

Maximum value of SAR (interpolated) = 0.0143 W/kg

Configuration/CH23230(782MHz Front)/Zoom Scan (5x5x7)/Cube 0:

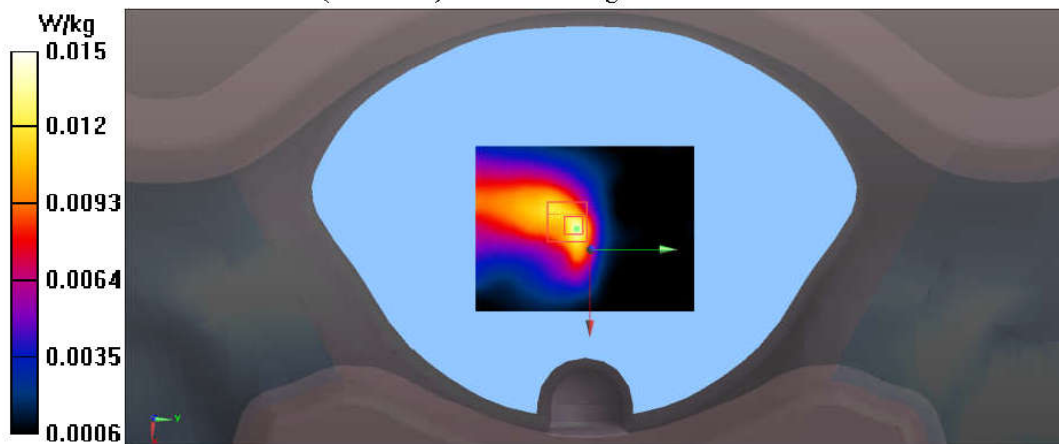
Measurement grid: $dx = 8$ mm, $dy = 8$ mm, $dz = 5$ mm

Reference Value = 3.413 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.0220 W/kg

SAR(1 g) = 0.013 W/kg; SAR(10 g) = 0.00848 W/kg

Maximum value of SAR (measured) = 0.0151 W/kg



Test Laboratory: Audix SAR Lab

Date: 31/08/2019

CH23230(782MHz Right)

EUT: COSMO M/N: COSMO COMMUNICATOR VE

Communication System: UID 0, Generic LTE (0); Communication System Band: Band 13, E-UTRA/FDD (777.0 - 787.0 MHz); Frequency: 782 MHz; Communication System PAR: 0 dB

Medium parameters used (interpolated): $f = 782$ MHz; $\sigma = 0.912$ S/m; $\epsilon_r = 54.699$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(10.00, 10.00, 10.00); Calibrated: 25/03/2019;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 19/03/2019
- Phantom: SAM1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH23230(782MHz Right)/Area Scan (61x81x1): Interpolated grid:

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

Maximum value of SAR (interpolated) = 0.0112 W/kg

Configuration/CH23230(782MHz Right)/Zoom Scan (5x5x7)/Cube 0:

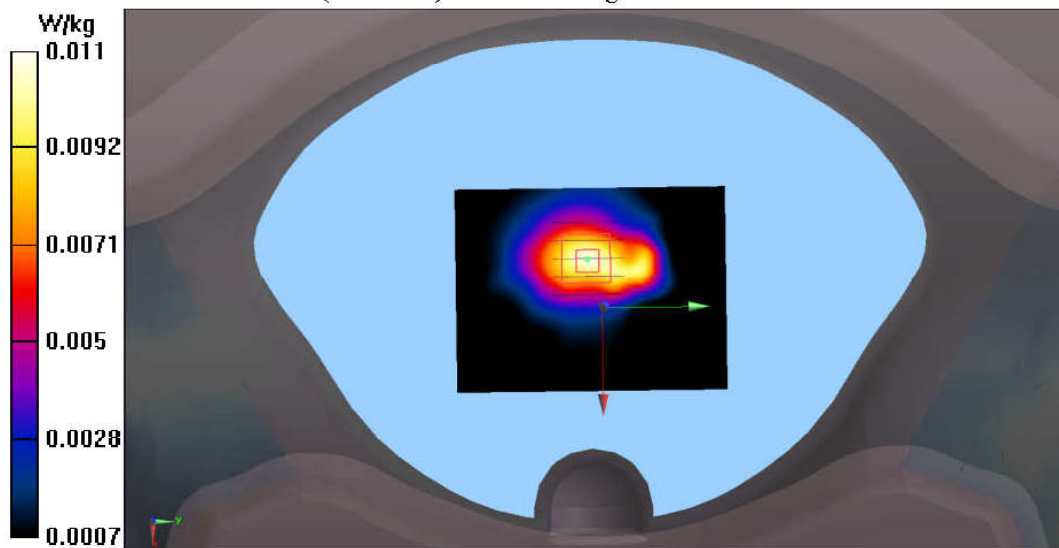
Measurement grid: $dx = 8$ mm, $dy = 8$ mm, $dz = 5$ mm

Reference Value = 3.049 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.0180 W/kg

SAR(1 g) = 0.010 W/kg; SAR(10 g) = 0.00627 W/kg

Maximum value of SAR (measured) = 0.0114 W/kg



Test Laboratory: Audix SAR Lab

Date: 31/08/2019

CH23230(782MHz Top)

EUT: COSMO M/N: COSMO COMMUNICATOR VE

Communication System: UID 0, Generic LTE (0); Communication System Band: Band 13, E-UTRA/FDD (777.0 - 787.0 MHz); Frequency: 782 MHz; Communication System PAR: 0 dB

Medium parameters used (interpolated): $f = 782$ MHz; $\sigma = 0.912$ S/m; $\epsilon_r = 54.699$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(10.00, 10.00, 10.00); Calibrated: 25/03/2019;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 19/03/2019
- Phantom: SAM1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH23230(782MHz Top)/Area Scan (61x81x1): Interpolated grid:

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

Maximum value of SAR (interpolated) = 0.00649 W/kg

Configuration/CH23230(782MHz Top)/Zoom Scan (5x5x7)/Cube 0:

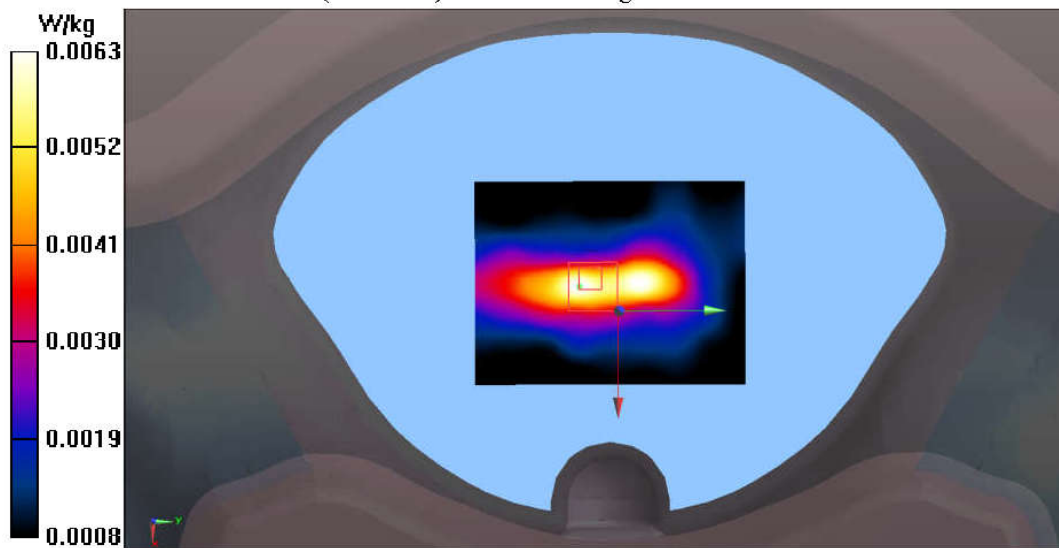
Measurement grid: $dx = 8$ mm, $dy = 8$ mm, $dz = 5$ mm

Reference Value = 2.646 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.0110 W/kg

SAR(1 g) = 0.00596 W/kg; SAR(10 g) = 0.00385 W/kg

Maximum value of SAR (measured) = 0.00630 W/kg



Test Laboratory: Audix SAR Lab

Date: 31/08/2019

Head 15 Degree Left CH23230(782MHz) -Right

EUT: COSMO M/N: COSMO COMMUNICATOR VE

Communication System: UID 0, Generic LTE (0); Communication System Band: Band 13, E-UTRA/FDD (777.0 - 787.0 MHz); Frequency: 782 MHz; Communication System PAR: 0 dB

Medium parameters used (interpolated): $f = 782 \text{ MHz}$; $\sigma = 0.926 \text{ S/m}$; $\epsilon_r = 41.412$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(9.72, 9.72, 9.72); Calibrated: 25/03/2019;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 19/03/2019
- 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 CH23230(782MHz)/Area Scan

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

Maximum value of SAR (interpolated) = 0.0195 W/kg

Configuration/Head 15 Degree Left CH23230(782MHz)/Zoom Scan

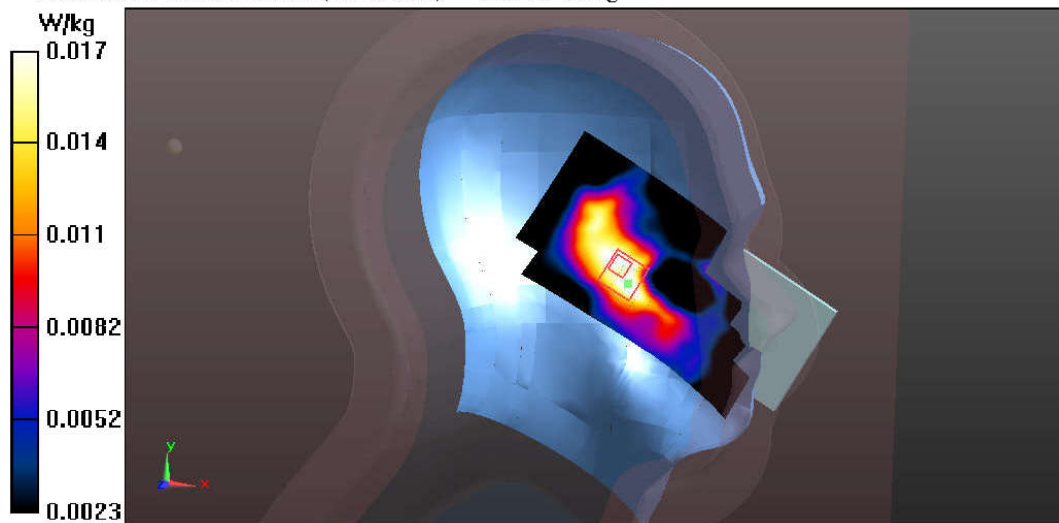
(5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 4.015 V/m ; Power Drift = 0.20 dB

Peak SAR (extrapolated) = 0.0210 W/kg

SAR(1 g) = 0.016 W/kg ; SAR(10 g) = 0.012 W/kg

Maximum value of SAR (measured) = 0.0170 W/kg



Test Laboratory: Audix SAR Lab

Date: 31/08/2019

Head 15 Degree Right CH23230(782MHz) -Right

EUT: COSMO M/N: COSMO COMMUNICATOR VE

Communication System: UID 0, Generic LTE (0); Communication System Band: Band 13, E-UTRA/FDD (777.0 - 787.0 MHz); Frequency: 782 MHz; Communication System PAR: 0 dB

Medium parameters used (interpolated): $f = 782 \text{ MHz}$; $\sigma = 0.926 \text{ S/m}$; $\epsilon_r = 41.412$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(9.72, 9.72, 9.72); Calibrated: 25/03/2019;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 19/03/2019
- 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 CH23230(782MHz)/Area Scan

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

Maximum value of SAR (interpolated) = 0.0168 W/kg

Configuration/Head 15 Degree Right CH23230(782MHz)/Zoom Scan

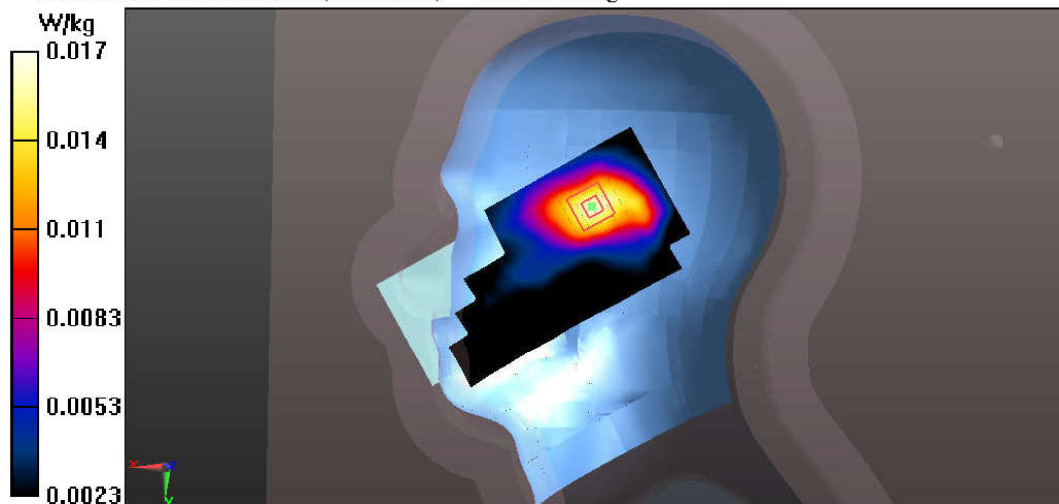
(5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 3.644 V/m ; Power Drift = 0.20 dB

Peak SAR (extrapolated) = 0.0220 W/kg

SAR(1 g) = 0.016 W/kg ; SAR(10 g) = 0.012 W/kg

Maximum value of SAR (measured) = 0.0173 W/kg



Test Laboratory: Audix SAR Lab

Date: 31/08/2019

Head Touch Left CH23230(782MHz) -Right

EUT: COSMO M/N: COSMO COMMUNICATOR VE

Communication System: UID 0, Generic LTE (0); Communication System Band: Band 13, E-UTRA/FDD (777.0 - 787.0 MHz); Frequency: 782 MHz; Communication System PAR: 0 dB

Medium parameters used (interpolated): $f = 782 \text{ MHz}$; $\sigma = 0.926 \text{ S/m}$; $\epsilon_r = 41.412$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(9.72, 9.72, 9.72); Calibrated: 25/03/2019;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 19/03/2019
- 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 CH23230(782MHz)/Area Scan (121x61x1):

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

Maximum value of SAR (interpolated) = 0.0182 W/kg

Configuration/Head Touch Left CH23230(782MHz)/Zoom Scan

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

Reference Value = 3.938 V/m ; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.0210 W/kg

SAR(1 g) = 0.017 W/kg ; SAR(10 g) = 0.012 W/kg

Maximum value of SAR (measured) = 0.0170 W/kg



Test Laboratory: Audix SAR Lab

Date: 31/08/2019

Head Touch Right CH23230(782MHz) -Right

EUT: COSMO M/N: COSMO COMMUNICATOR VE

Communication System: UID 0, Generic LTE (0); Communication System Band: Band 13, E-UTRA/FDD (777.0 - 787.0 MHz); Frequency: 782 MHz; Communication System PAR: 0 dB

Medium parameters used (interpolated): $f = 782 \text{ MHz}$; $\sigma = 0.926 \text{ S/m}$; $\epsilon_r = 41.412$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(9.72, 9.72, 9.72); Calibrated: 25/03/2019;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 19/03/2019
- 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 CH23230(782MHz)/Area Scan (121x61x1):

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

Maximum value of SAR (interpolated) = 0.0164 W/kg

Configuration/Head Touch Right CH23230(782MHz)/Zoom Scan

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

Reference Value = 3.663 V/m ; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.0210 W/kg

SAR(1 g) = 0.016 W/kg ; SAR(10 g) = 0.012 W/kg

Maximum value of SAR (measured) = 0.0169 W/kg

