WCDMA:

Test Laboratory: Audix SAR Lab Date: 04/09/2019

CH9538(1907.6MHz Back)

EUT: COSMO M/N:COSMO COMMUNICATOR VE

Communication System: UID 0, WCDMA(UMTS-FDD,12.2Kbit/s) (0); Communication System Band: Band Class I (IMT 2100MHz); Frequency: 1907.6 MHz;Communication System PAR: 0 dB

Medium parameters used (interpolated): f = 1907.6 MHz; σ = 1.476 S/m; ε_r = 52.89; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(7.87, 7.87, 7.87); 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/CH9538(1907.6MHz Back)/Area Scan (61x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

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

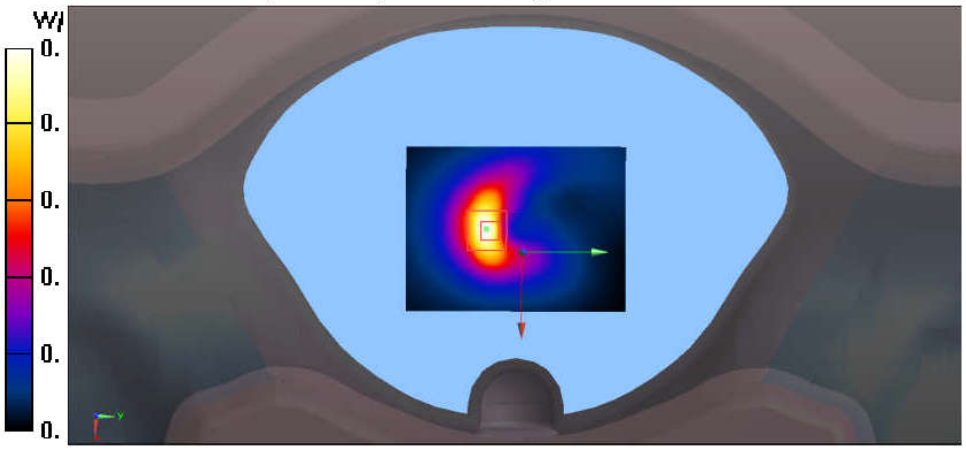
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.218 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.565 W/kg

SAR(1 g) = 0.330 W/kg; SAR(10 g) = 0.181 W/kg

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



Test Laboratory: Audix SAR Lab Date: 04/09/2019

CH9538(1907.6MHz Bottom)

EUT: COSMO M/N:COSMO COMMUNICATOR VE

Communication System: UID 0, WCDMA(UMTS-FDD,12.2Kbit/s) (0); Communication System Band: Band Class I (IMT 2100MHz); Frequency: 1907.6 MHz;Communication System PAR: 0 dB

Medium parameters used (interpolated): f = 1907.6 MHz; σ = 1.476 S/m; ε_r = 52.89; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(7.87, 7.87, 7.87); 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/CH9538(1907.6MHz Bottom)/Area Scan (61x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.106 W/kg

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

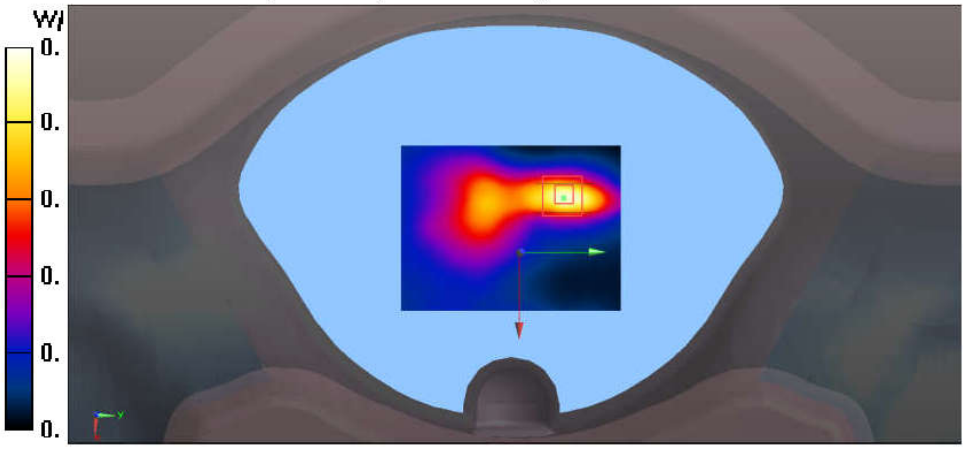
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.474 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.166 W/kg

SAR(1 g) = 0.097 W/kg; SAR(10 g) = 0.053 W/kg

Maximum value of SAR (measured) = 0.109 W/kg



Test Laboratory: Audix SAR Lab Date: 04/09/2019

CH9538(1907.6MHz Front)

EUT: COSMO M/N:COSMO COMMUNICATOR VE

Communication System: UID 0, WCDMA(UMTS-FDD,12.2Kbit/s) (0); Communication System Band: Band Class I (IMT 2100MHz); Frequency: 1907.6 MHz;Communication System PAR: 0 dB

Medium parameters used (interpolated): f = 1907.6 MHz; σ = 1.476 S/m; ε_r = 52.89; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(7.87, 7.87, 7.87); 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/CH9538(1907.6MHz Front)/Area Scan (61x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.763 W/kg

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

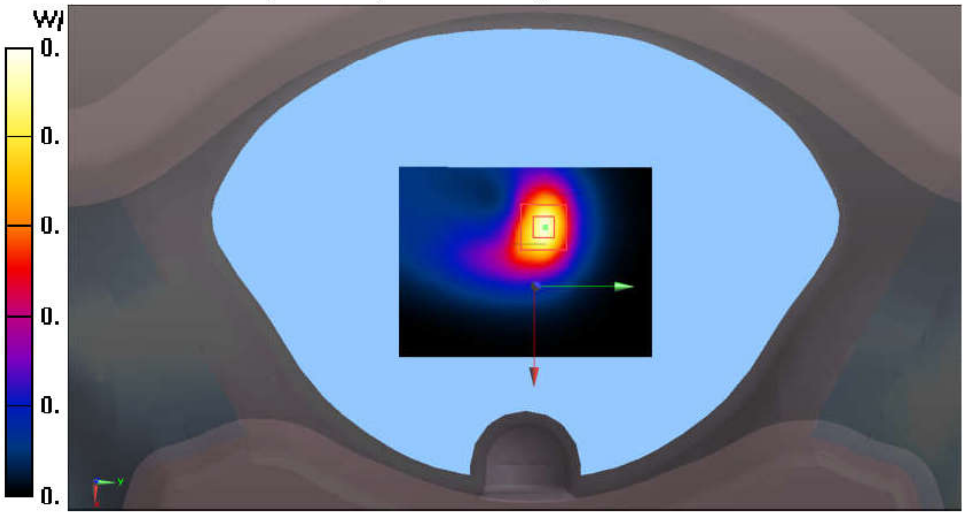
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.57 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.17 W/kg

SAR(1 g) = 0.695 W/kg; SAR(10 g) = 0.379 W/kg

Maximum value of SAR (measured) = 0.779 W/kg



Test Laboratory: Audix SAR Lab Date: 04/09/2019

CH9538(1907.6MHz Right)

EUT: COSMO M/N:COSMO COMMUNICATOR VE

Communication System: UID 0, WCDMA(UMTS-FDD,12.2Kbit/s) (0); Communication System Band: Band Class I (IMT 2100MHz); Frequency: 1907.6 MHz;Communication System PAR: 0 dB

Medium parameters used (interpolated): f = 1907.6 MHz; σ = 1.476 S/m; ε_r = 52.89; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(7.87, 7.87, 7.87); 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/CH9538(1907.6MHz Right)/Area Scan (61x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

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

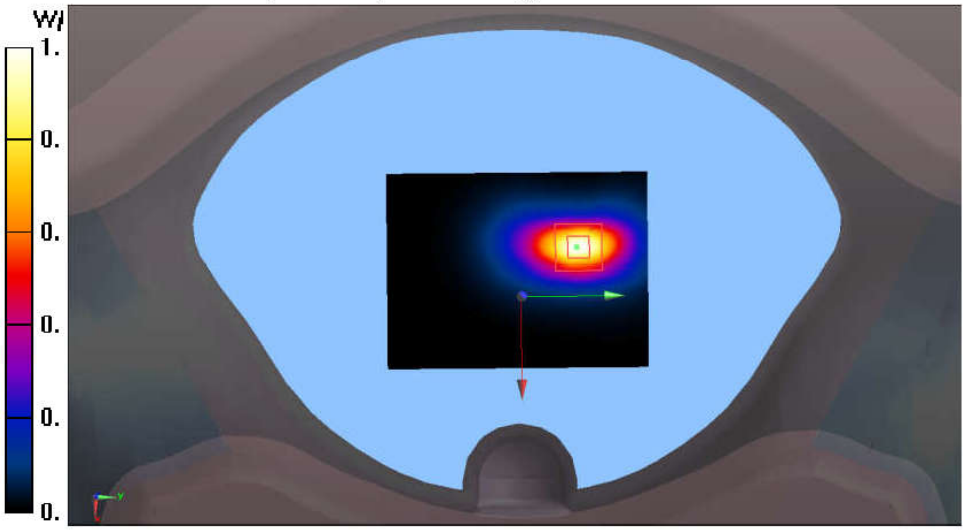
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.87 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.72 W/kg

SAR(1 g) = 0.725 W/kg; SAR(10 g) = 0.225 W/kg

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



Test Laboratory: Audix SAR Lab Date: 04/09/2019

CH9538(1907.6MHz Top)

EUT: COSMO M/N:COSMO COMMUNICATOR VE

Communication System: UID 0, WCDMA(UMTS-FDD,12.2Kbit/s) (0); Communication System Band: Band Class I (IMT 2100MHz); Frequency: 1907.6 MHz;Communication System PAR: 0 dB

Medium parameters used (interpolated): f = 1907.6 MHz; σ = 1.476 S/m; ε_r = 52.89; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(7.87, 7.87, 7.87); 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/CH9538(1907.6MHz Top)/Area Scan (61x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0496 W/kg

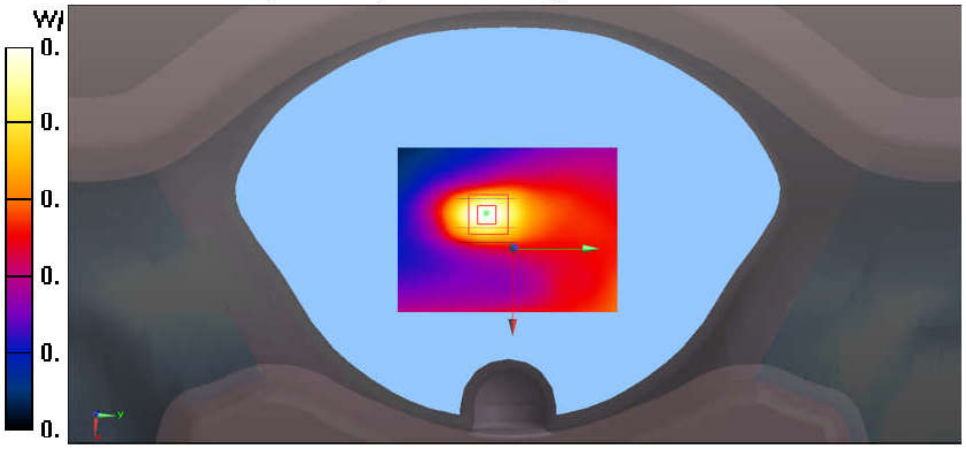
Configuration/CH9538(1907.6MHz Top)/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.287 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.0700 W/kg

SAR(1 g) = 0.043 W/kg; SAR(10 g) = 0.026 W/kg

Maximum value of SAR (measured) = 0.0473 W/kg



Test Laboratory: Audix SAR Lab Date: 04/09/2019

Head 15 Degree Left CH9538(1907.6MHz)Right

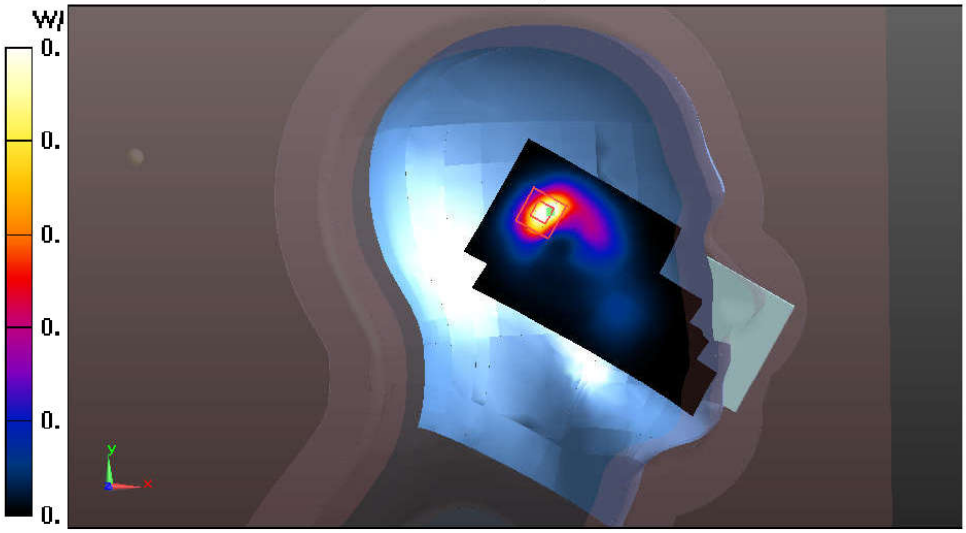
EUT: COSMO M/N:COSMO COMMUNICATOR VE

Communication System: UID 0, GSM1900 (0); Communication System Band: Band Class0(1850-1910MHz); Frequency: 1907.6 MHz;Communication System PAR: 0 dB
Medium parameters used (interpolated): f = 1907.6 MHz; σ = 1.473 S/m; ε_r = 39.634; ρ = 1000 kg/m^3
Phantom section: Left Section
DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(7.91, 7.91, 7.91); 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 CH9538(1907.6MHz)Right/Area Scan (121x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.621 W/kg

Configuration/Head 15 Degree Left CH9538(1907.6MHz)Right/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.89 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 1.01 W/kg
SAR(1 g) = 0.526 W/kg; SAR(10 g) = 0.245 W/kg
Maximum value of SAR (measured) = 0.548 W/kg



Test Laboratory: Audix SAR Lab Date: 04/09/2019

Head 15 Degree Right CH9538(1907.6MHz)-Right

EUT: COSMO M/N:COSMO COMMUNICATOR VE

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 MHz; σ = 1.473 S/m; ε_r = 39.634; ρ = 1000 kg/m^3

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(7.91, 7.91, 7.91); 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 CH9538(1907.6MHz)-Right/Area Scan (121x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

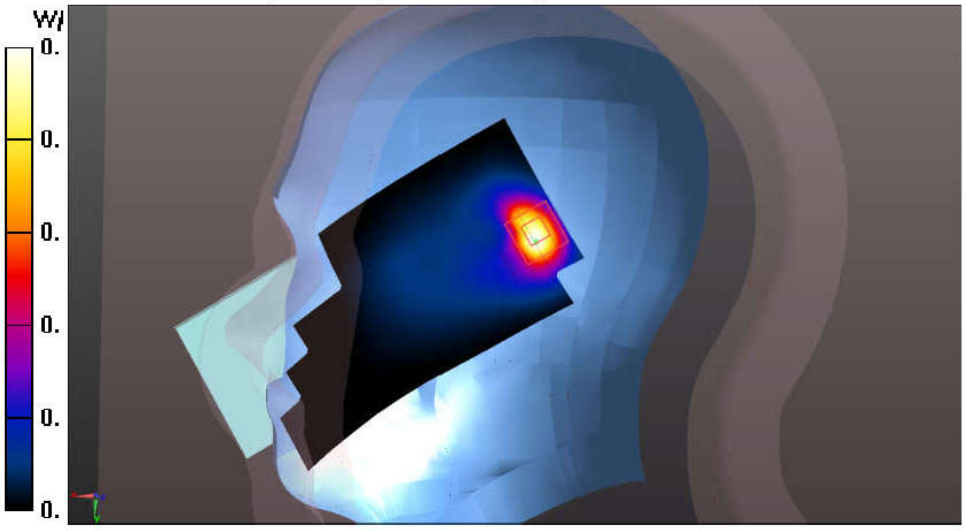
Configuration/Head 15 Degree Right CH9538(1907.6MHz)-Right/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.222 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.890 W/kg

SAR(1 g) = 0.482 W/kg; SAR(10 g) = 0.231 W/kg

Maximum value of SAR (measured) = 0.511 W/kg



Test Laboratory: Audix SAR Lab Date: 04/09/2019

Head Touch Left CH9538(1907.6MHz)-Right

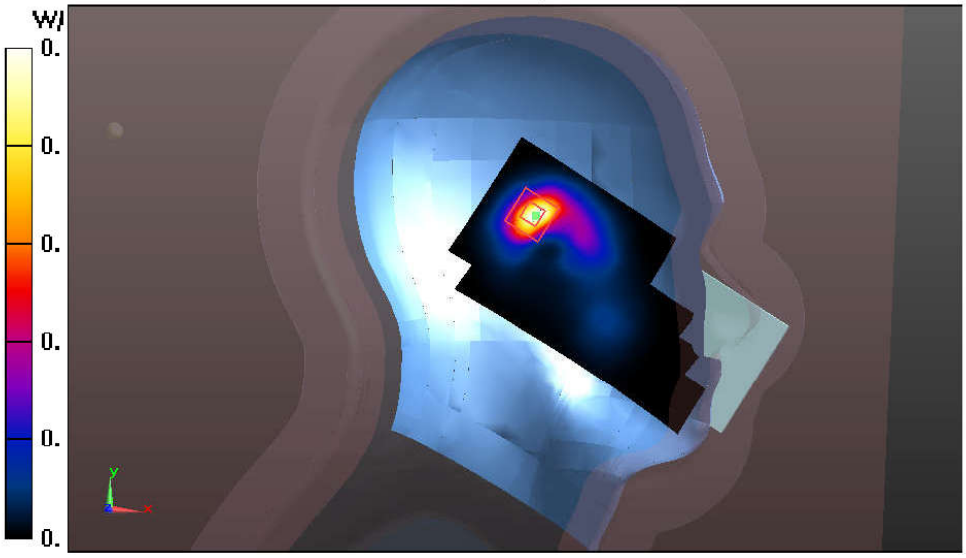
EUT: COSMO M/N:COSMO COMMUNICATOR VE

Communication System: UID 0, GSM1900 (0); Communication System Band: Band Class0(1850-1910MHz); Frequency: 1907.6 MHz;Communication System PAR: 0 dB
Medium parameters used (interpolated): f = 1907.6 MHz; σ = 1.473 S/m; ε_r = 39.634; ρ = 1000 kg/m^3
Phantom section: Left Section
DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(7.91, 7.91, 7.91); 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 CH9538(1907.6MHz)-Right/Area Scan (121x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.610 W/kg

Configuration/Head Touch Left CH9538(1907.6MHz)-Right/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.24 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 1.01 W/kg
SAR(1 g) = 0.526 W/kg; SAR(10 g) = 0.243 W/kg
Maximum value of SAR (measured) = 0.592 W/kg



Test Laboratory: Audix SAR Lab Date: 04/09/2019

Head Touch Right CH9538(1907.6MHz)-Right

EUT: COSMO M/N:COSMO COMMUNICATOR VE

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 MHz; σ = 1.473 S/m; ε_r = 39.634; ρ = 1000 kg/m^3

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(7.91, 7.91, 7.91); 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 CH9538(1907.6MHz)-Right/Area Scan (121x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

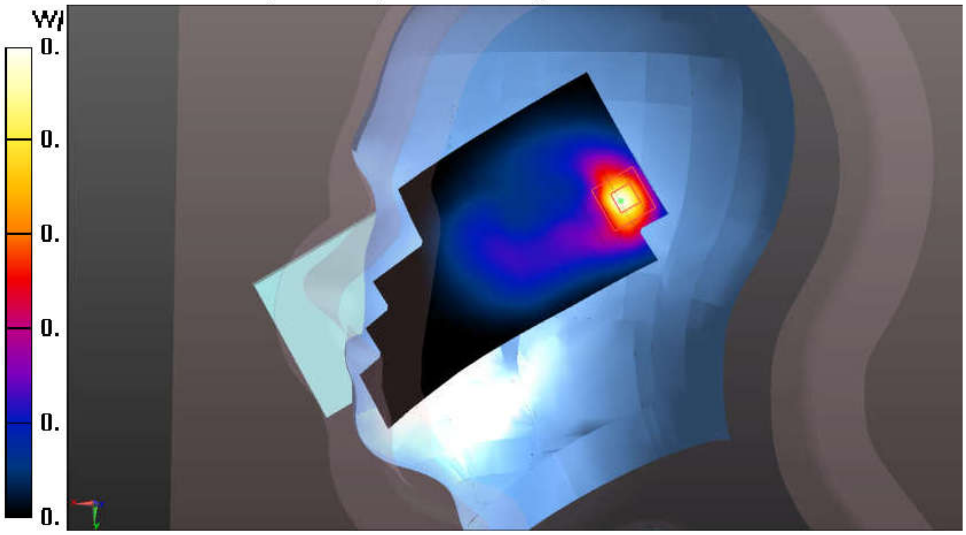
Configuration/Head Touch Right CH9538(1907.6MHz)-Right/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.355 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.507 W/kg

SAR(1 g) = 0.291 W/kg; SAR(10 g) = 0.148 W/kg

Maximum value of SAR (measured) = 0.322 W/kg



Test Laboratory: Audix SAR Lab Date: 30/08/2019

CH4182(836.4MHz Back)

EUT: COSMO M/N:COSMO COMMUNICATOR VE

Communication System: UID 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 (interpolated): f = 836.4 MHz; σ = 0.931 S/m; ε_r = 53.482; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(9.62, 9.62, 9.62); 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/CH4182(836.4MHz Back)/Area Scan (61x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.00731 W/kg

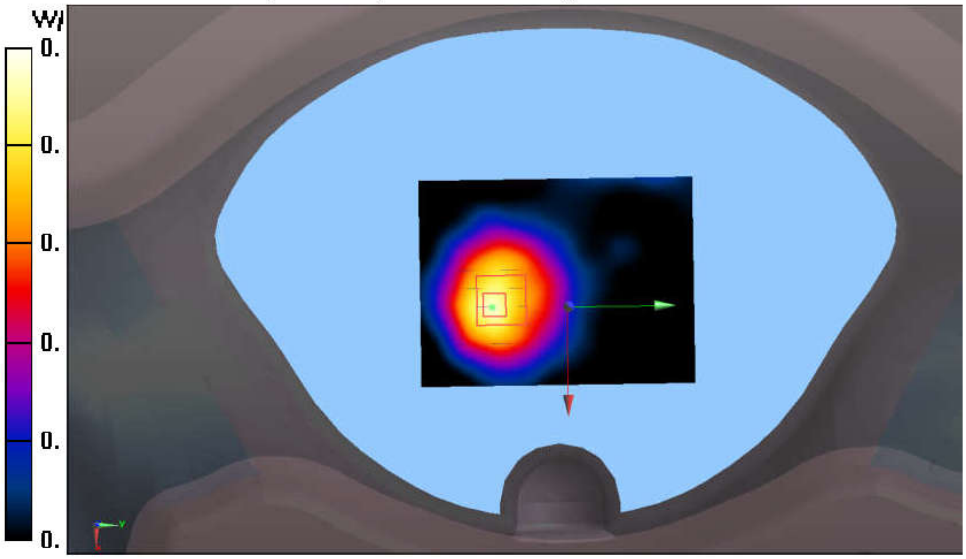
Configuration/CH4182(836.4MHz Back)/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.011 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.00961 W/kg

SAR(1 g) = 0.00708 W/kg; SAR(10 g) = 0.00508 W/kg

Maximum value of SAR (measured) = 0.00764 W/kg



Test Laboratory: Audix SAR Lab Date: 30/08/2019

CH4182(836.4MHz Bottom)

EUT: COSMO M/N:COSMO COMMUNICATOR VE

Communication System: UID 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 (interpolated): f = 836.4 MHz; σ = 0.931 S/m; ε_r = 53.482; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(9.62, 9.62, 9.62); 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/CH4182(836.4MHz Bottom)/Area Scan (61x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.00433 W/kg

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

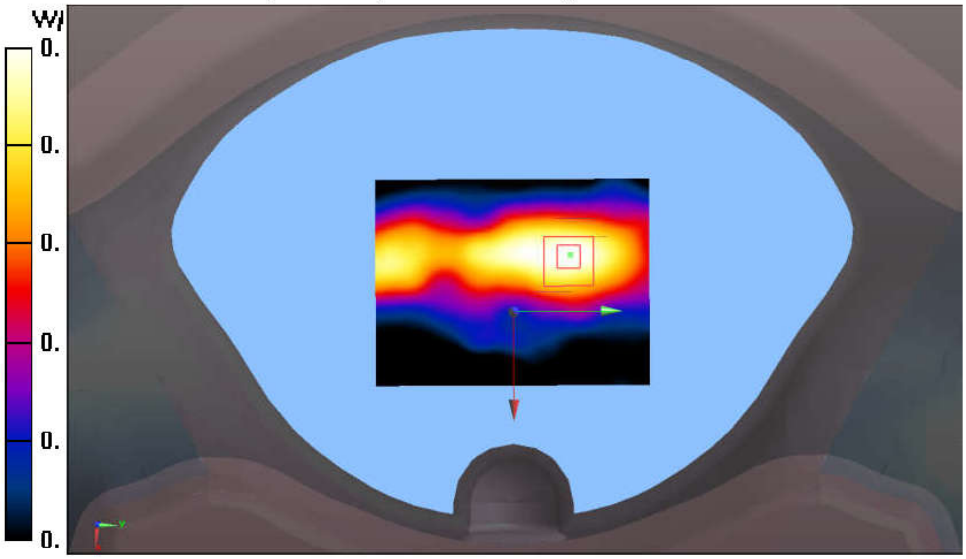
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.014 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.00494 W/kg

SAR(1 g) = 0.00389 W/kg; SAR(10 g) = 0.00304 W/kg

Maximum value of SAR (measured) = 0.00417 W/kg



Test Laboratory: Audix SAR Lab Date: 30/08/2019

CH4182(836.4MHz Front)

EUT: COSMO M/N:COSMO COMMUNICATOR VE

Communication System: UID 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 (interpolated): f = 836.4 MHz; σ = 0.931 S/m; ε_r = 53.482; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(9.62, 9.62, 9.62); 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/CH4182(836.4MHz Front)/Area Scan (61x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0274 W/kg

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

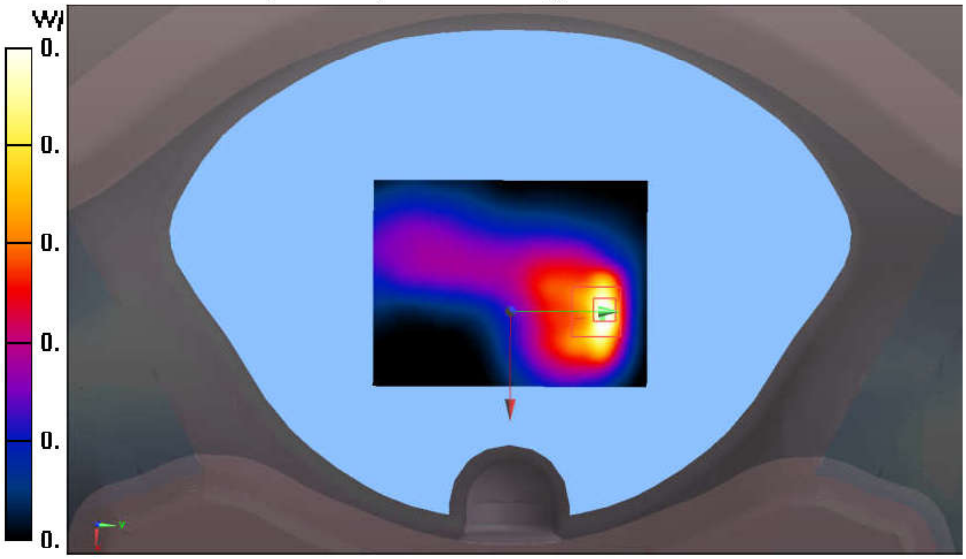
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.290 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.0340 W/kg

SAR(1 g) = 0.022 W/kg; SAR(10 g) = 0.014 W/kg

Maximum value of SAR (measured) = 0.0237 W/kg



Test Laboratory: Audix SAR Lab Date: 30/08/2019

CH4182(836.4MHz Right)

EUT: COSMO M/N:COSMO COMMUNICATOR VE

Communication System: UID 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 (interpolated): f = 836.4 MHz; σ = 0.931 S/m; ε_r = 53.482; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(9.62, 9.62, 9.62); 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/CH4182(836.4MHz Right)/Area Scan (61x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.00646 W/kg

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

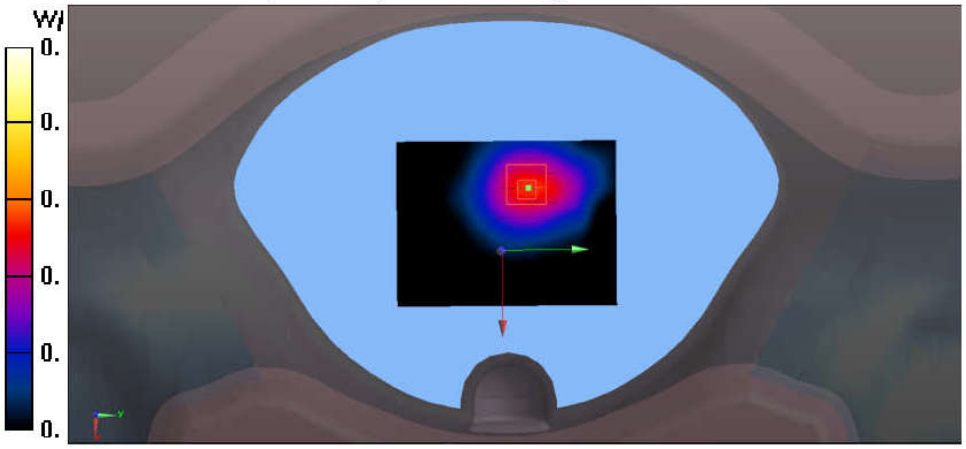
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.103 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.0160 W/kg

SAR(1 g) = 0.011 W/kg; SAR(10 g) = 0.00687 W/kg

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



Test Laboratory: Audix SAR Lab Date: 30/08/2019

CH4182(836.4MHz Top)

EUT: COSMO M/N:COSMO COMMUNICATOR VE

Communication System: UID 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 (interpolated): f = 836.4 MHz; σ = 0.931 S/m; ε_r = 53.482; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(9.62, 9.62, 9.62); 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/CH4182(836.4MHz Top)/Area Scan (61x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.00706 W/kg

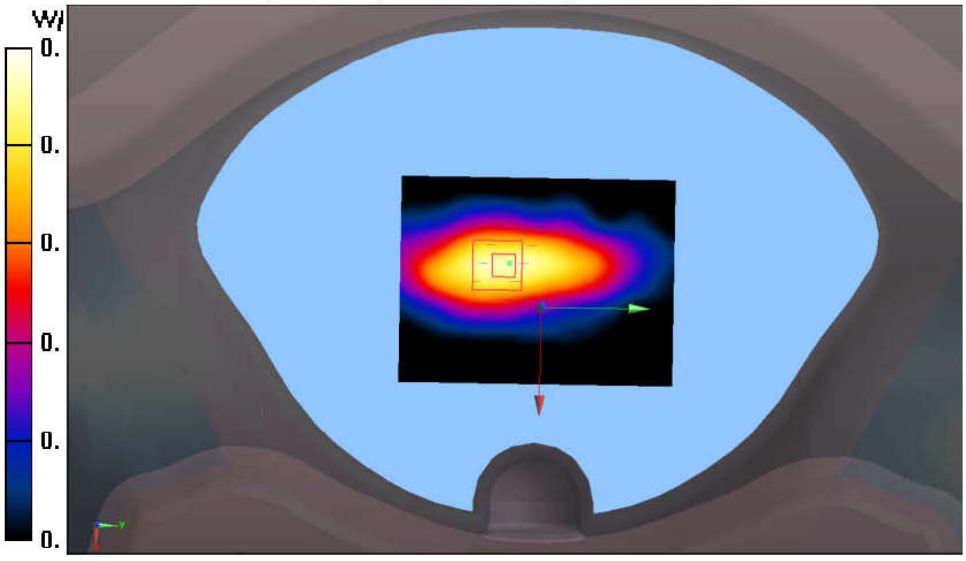
Configuration/CH4182(836.4MHz Top)/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.698 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.00983 W/kg

SAR(1 g) = 0.00695 W/kg; SAR(10 g) = 0.00509 W/kg

Maximum value of SAR (measured) = 0.00749 W/kg



Test Laboratory: Audix SAR Lab Date: 30/08/2019

Head 15 Degree Left CH4132(836.4MHz)-Right

EUT: COSMO M/N:COSMO COMMUNICATOR VE

Communication System: UID 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 MHz; σ = 0.89 S/m; ε_r = 41.48; ρ = 1000 kg/m^3

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(9.4, 9.4, 9.4); 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 CH4132(836.4MHz)-Right/Area Scan (121x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0263 W/kg

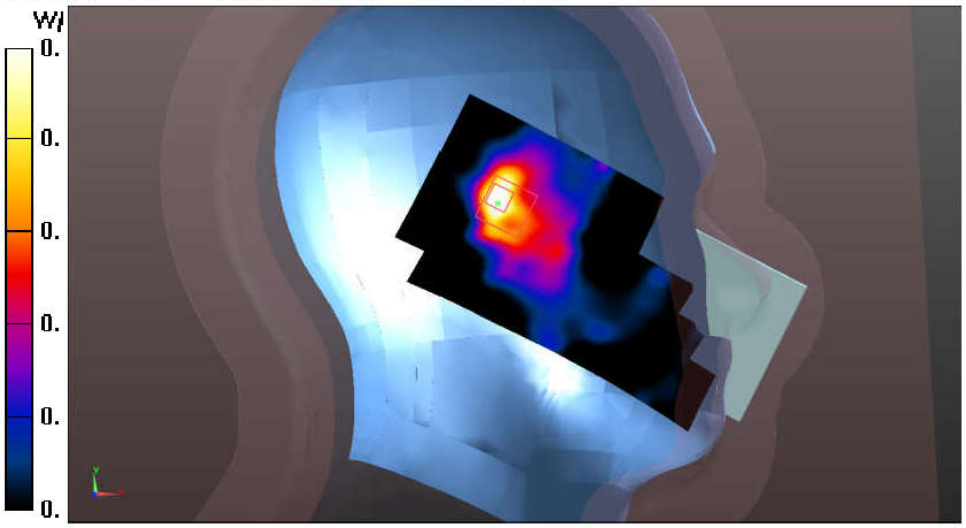
Configuration/Head 15 Degree Left CH4132(836.4MHz)-Right/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.547 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.0360 W/kg

SAR(1 g) = 0.019 W/kg; SAR(10 g) = 0.012 W/kg

Maximum value of SAR (measured) = 0.0221 W/kg



Test Laboratory: Audix SAR Lab Date: 30/08/2019

Head 15 Degree Right CH4132(836.4MHz)-Right

EUT: COSMO M/N:COSMO COMMUNICATOR VE

Communication System: UID 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 MHz; σ = 0.89 S/m; ε_r = 41.48; ρ = 1000 kg/m^3

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(9.4, 9.4, 9.4); 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 CH4132(836.4MHz)-Right/Area Scan (121x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0156 W/kg

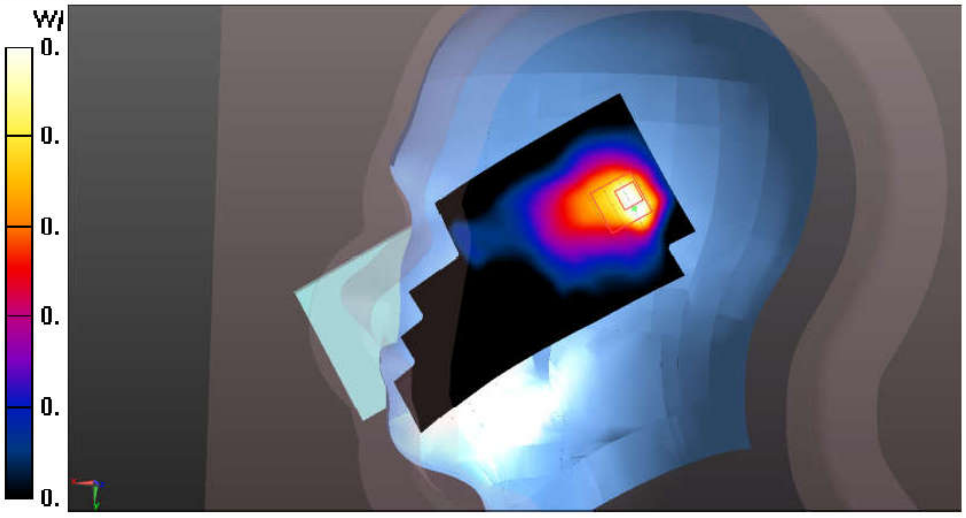
Configuration/Head 15 Degree Right CH4132(836.4MHz)-Right/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.551 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.0210 W/kg

SAR(1 g) = 0.013 W/kg; SAR(10 g) = 0.00888 W/kg

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



Test Laboratory: Audix SAR Lab Date: 30/08/2019

Head Touch Left CH4132(836.4MHz)-Right

EUT: COSMO M/N:COSMO COMMUNICATOR VE

Communication System: UID 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 MHz; σ = 0.89 S/m; ε_r = 41.48; ρ = 1000 kg/m^3

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(9.4, 9.4, 9.4); 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 CH4132(836.4MHz)-Right/Area Scan (121x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0244 W/kg

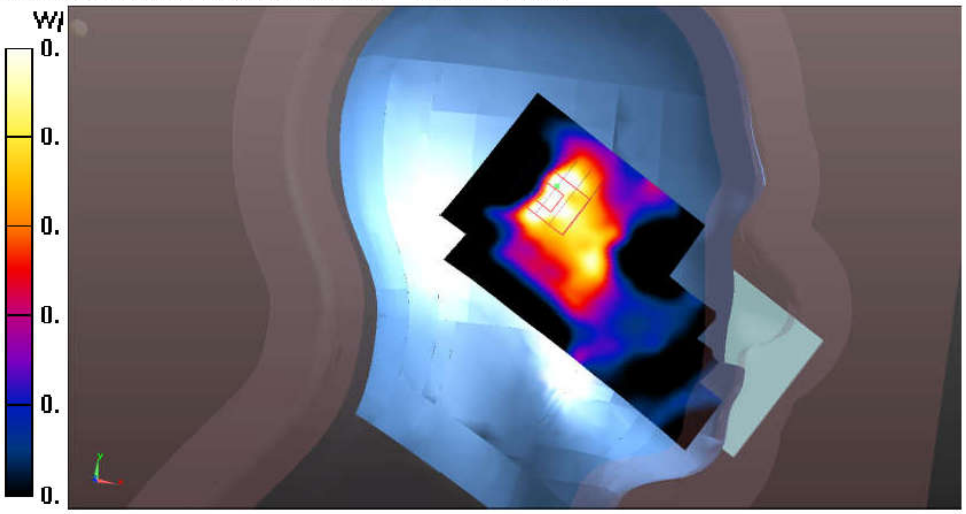
Configuration/Head Touch Left CH4132(836.4MHz)-Right/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.712 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.0210 W/kg

SAR(1 g) = 0.014 W/kg; SAR(10 g) = 0.00995 W/kg

Maximum value of SAR (measured) = 0.0156 W/kg



Test Laboratory: Audix SAR Lab Date: 30/08/2019

Head Touch Right CH4132(836.4MHz)-Right

EUT: COSMO M/N:COSMO COMMUNICATOR VE

Communication System: UID 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 MHz; σ = 0.89 S/m; ε_r = 41.48; ρ = 1000 kg/m^3

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(9.4, 9.4, 9.4); 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 CH4132(836.4MHz)-Right/Area Scan (121x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0127 W/kg

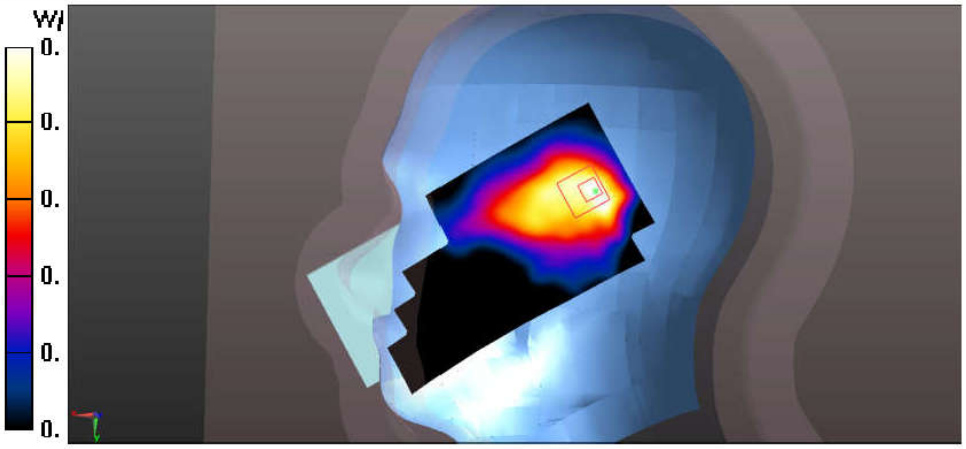
Configuration/Head Touch Right CH4132(836.4MHz)-Right/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.399 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.0150 W/kg

SAR(1 g) = 0.011 W/kg; SAR(10 g) = 0.00828 W/kg

Maximum value of SAR (measured) = 0.0118 W/kg



LTE:

Test Laboratory: Audix SAR Lab Date: 04/09/2019

CH19100(1900MHz Back)

EUT: COSMO M/N:COSMO COMMUNICATOR VE

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 (interpolated): f = 1900 MHz; σ = 1.477 S/m; ε_r = 52.913; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(7.87, 7.87, 7.87); 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/CH19100(1900MHz Back)/Area Scan (61x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.368 W/kg

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

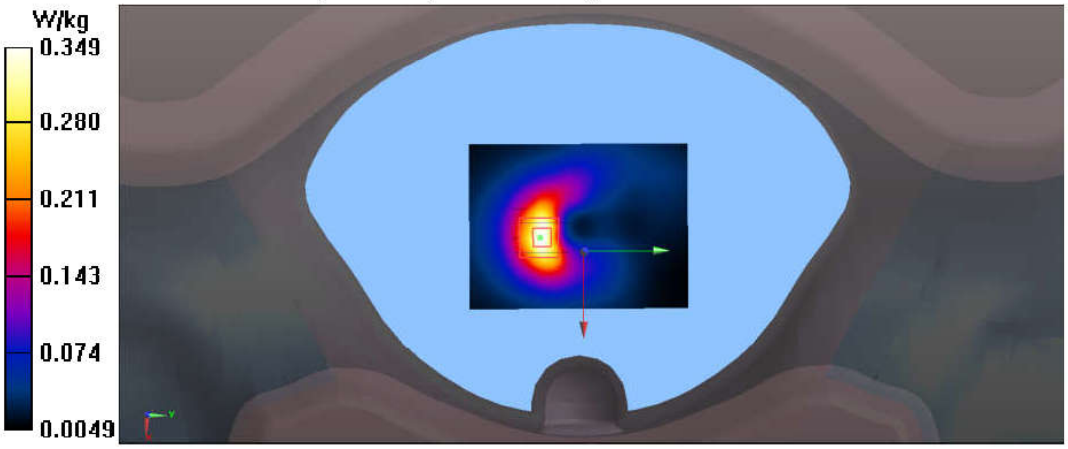
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.836 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.555 W/kg

SAR(1 g) = 0.318 W/kg; SAR(10 g) = 0.173 W/kg

Maximum value of SAR (measured) = 0.349 W/kg



Test Laboratory: Audix SAR Lab Date: 04/09/2019

CH19100(1900MHz Bottom)

EUT: COSMO M/N:COSMO COMMUNICATOR VE

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 (interpolated): f = 1900 MHz; σ = 1.477 S/m; ε_r = 52.913; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(7.87, 7.87, 7.87); 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/CH19100(1900MHz Bottom)/Area Scan (61x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

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

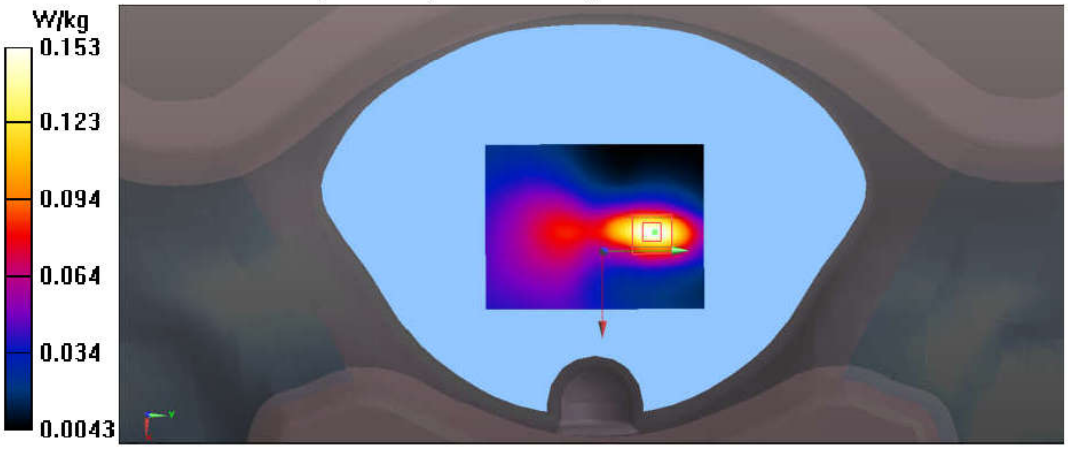
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.698 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.230 W/kg

SAR(1 g) = 0.137 W/kg; SAR(10 g) = 0.077 W/kg

Maximum value of SAR (measured) = 0.153 W/kg



Test Laboratory: Audix SAR Lab Date: 04/09/2019

CH19100(1900MHz Front)

EUT: COSMO M/N:COSMO COMMUNICATOR VE

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 (interpolated): f = 1900 MHz; σ = 1.477 S/m; ε_r = 52.913; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(7.87, 7.87, 7.87); 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/CH19100(1900MHz Front)/Area Scan (61x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

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

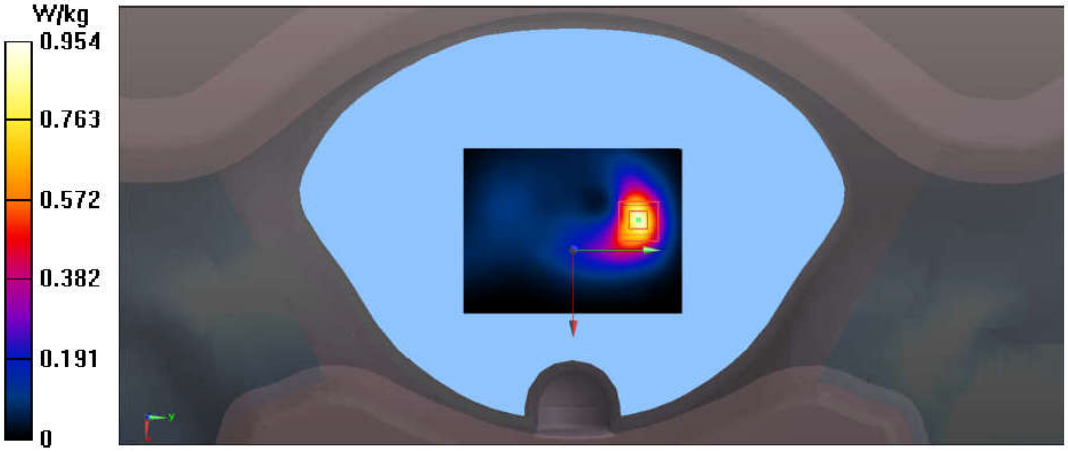
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.41 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) =1.10 W/kg

SAR(1 g) = 0.72 W/kg; SAR(10 g) = 0.425 W/kg

Maximum value of SAR (measured) = 0.95403 W/kg



Test Laboratory: Audix SAR Lab Date: 04/09/2019

CH19100(1900MHz Right)

EUT: COSMO M/N:COSMO COMMUNICATOR VE

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 (interpolated): f = 1900 MHz; σ = 1.477 S/m; ε_r = 52.913; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(7.87, 7.87, 7.87); 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/CH19100(1900MHz Right)/Area Scan (61x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

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

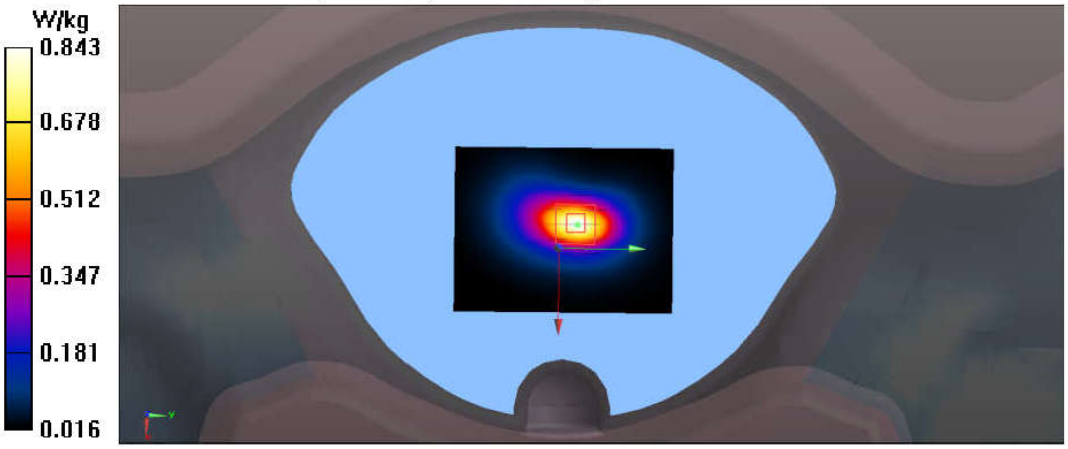
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.95 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.28 W/kg

SAR(1 g) = 0.652 W/kg; SAR(10 g) = 0.305 W/kg

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



Test Laboratory: Audix SAR Lab Date: 04/09/2019

CH19100(1900MHz Top)

EUT: COSMO M/N:COSMO COMMUNICATOR VE

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 (interpolated): f = 1900 MHz; σ = 1.477 S/m; ε_r = 52.913; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(7.87, 7.87, 7.87); 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/CH19100(1900MHz Top)/Area Scan (61x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0871 W/kg

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

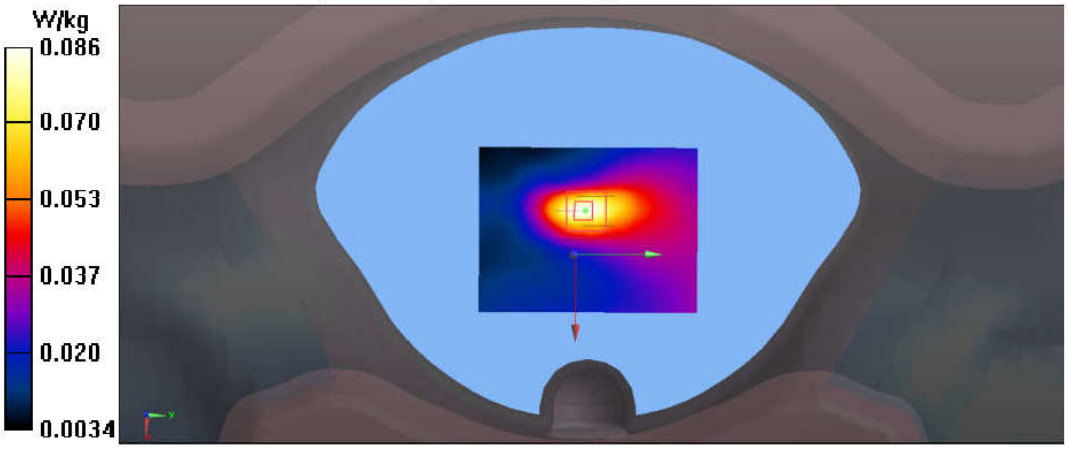
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.136 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.129 W/kg

SAR(1 g) = 0.077 W/kg; SAR(10 g) = 0.044 W/kg

Maximum value of SAR (measured) = 0.0861 W/kg



Test Laboratory: Audix SAR Lab Date: 04/09/2019

Head 15 Degree Left CH19100(1900MHz)-Right

EUT: COSMO M/N:COSMO COMMUNICATOR VE

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; σ = 1.48 S/m; ε_r = 39.6; ρ = 1000 kg/m^3

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(7.91, 7.91, 7.91); 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 CH19100(1900MHz)-Right/Area Scan (121x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.50 W/kg

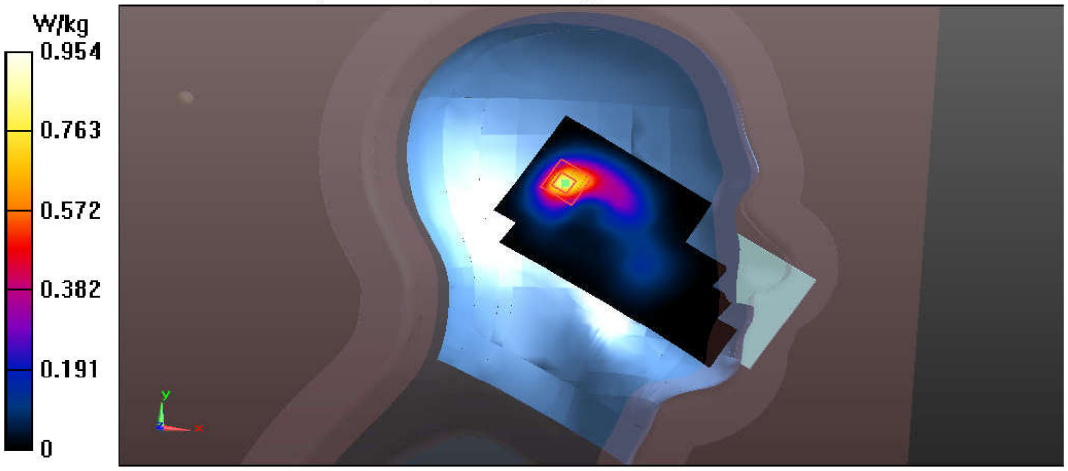
Configuration/Head 15 Degree Left CH19100(1900MHz)-Right/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.22 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.57 W/kg

SAR(1 g) = 0.632 W/kg; SAR(10 g) = 0.318 W/kg

Maximum value of SAR (measured) = 0.954 W/kg



Test Laboratory: Audix SAR Lab Date: 04/09/2019

Head 15 Degree Right CH19100(1900MHz)-Right

EUT: COSMO M/N:COSMO COMMUNICATOR VE

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; σ = 1.48 S/m; ε_r = 39.6; ρ = 1000 kg/m^3

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(7.91, 7.91, 7.91); 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 CH19100(1900MHz)-Right/Area Scan (121x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.542 W/kg

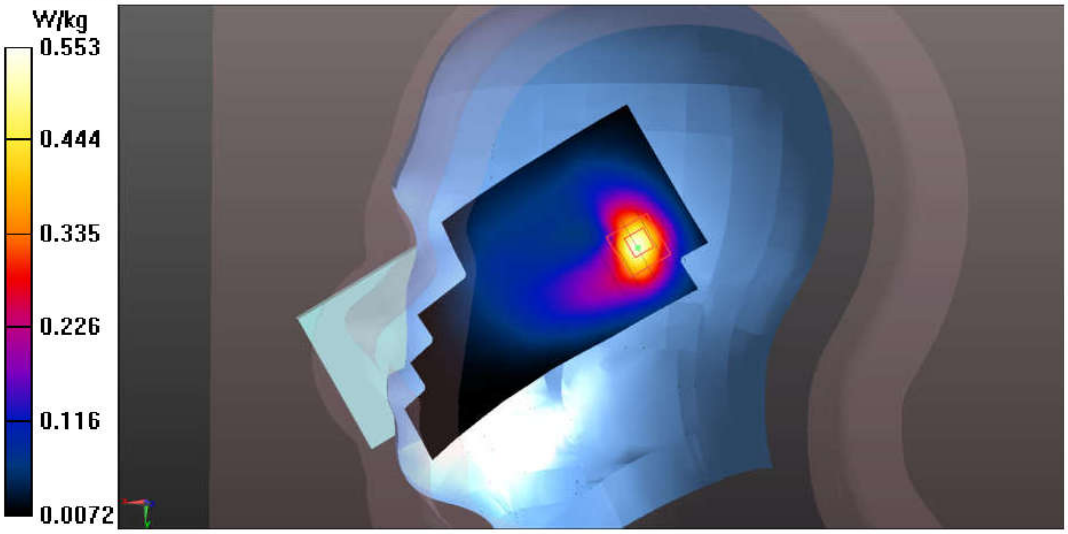
Configuration/Head 15 Degree Right CH19100(1900MHz)-Right/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.80 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.826 W/kg

SAR(1 g) = 0.492 W/kg; SAR(10 g) = 0.265 W/kg

Maximum value of SAR (measured) = 0.553 W/kg



Test Laboratory: Audix SAR Lab Date: 04/09/2019

Head Touch Left CH19100(1900MHz)-Right

EUT: COSMO M/N:COSMO COMMUNICATOR VE

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; σ = 1.48 S/m; ε_r = 39.6; ρ = 1000 kg/m^3

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(7.91, 7.91, 7.91); 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 CH19100(1900MHz)-Right/Area Scan (121x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.50 W/kg

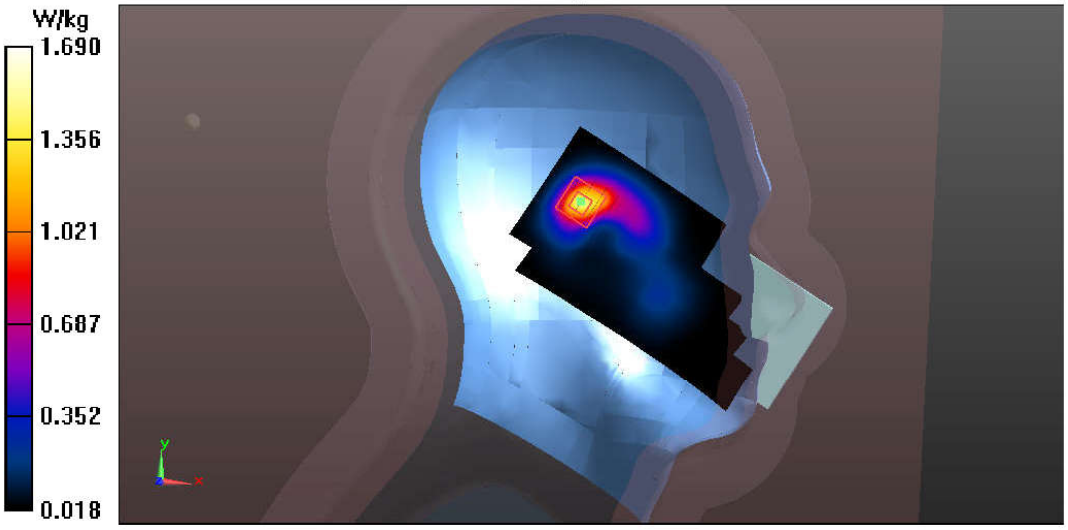
Configuration/Head Touch Left CH19100(1900MHz)-Right/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.84 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 1.64 W/kg

SAR(1 g) = 0.68 W/kg; SAR(10 g) = 0.387 W/kg

Maximum value of SAR (measured) = 1.69 W/kg



Test Laboratory: Audix SAR Lab Date: 04/09/2019

Head Touch Right CH19100(1900MHz)-Right

EUT: COSMO M/N:COSMO COMMUNICATOR VE

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; σ = 1.48 S/m; ε_r = 39.6; ρ = 1000 kg/m^3

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(7.91, 7.91, 7.91); 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 CH19100(1900MHz)-Right/Area Scan (121x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.817 W/kg

Configuration/Head Touch Right CH19100(1900MHz)-Right/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.70 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 1.50 W/kg

SAR(1 g) = 0.649 W/kg; SAR(10 g) = 0.324 W/kg

Maximum value of SAR (measured) = 0.967 W/kg