# ANNEX B: Graph Results

## WIFI 2.4GHz:

**Test Laboratory: Audix SAR Lab** Date: 05/09/2019

**CH6(2437MHz Back)**

**EUT: COSMO M/N:COSMO COMMUNICATOR**

Communication System: UID 0, IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps) (0); Communication System Band: ISM 2.4GHz Band (2400.0-2483.5MHz); Frequency: 2437 MHz;Communication System PAR: 0 dB

Medium parameters used (interpolated): f = 2437 MHz; $\sigma$ = 1.936 S/m; $\varepsilon_r$ = 53.415; $\rho$ = 1000 kg/$m^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(7.58, 7.58, 7.58); 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/CH6(2437MHz Back)/Area Scan (61x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0200 W/kg

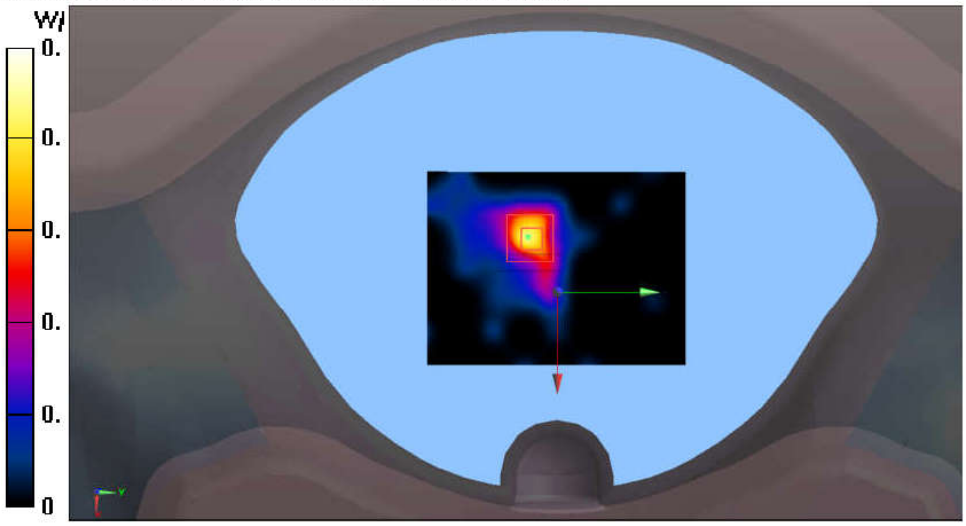
**Configuration/CH6(2437MHz Back)/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.744 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.0420 W/kg

**SAR(1 g) = 0.018 W/kg; SAR(10 g) = 0.00749 W/kg**

Maximum value of SAR (measured) = 0.0230 W/kg



**Test Laboratory: Audix SAR Lab** Date: 05/09/2019

**CH6(2437MHz Bottom)**

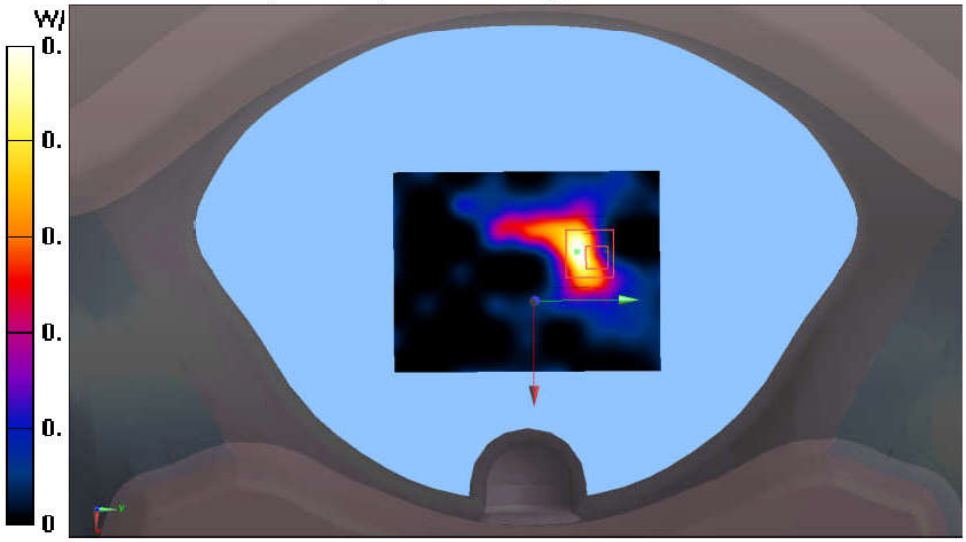
**EUT: COSMO M/N:COSMO COMMUNICATOR**

Communication System: UID 0, IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps) (0);
Communication System Band: ISM 2.4GHz Band (2400.0-2483.5MHz); Frequency: 2437 MHz;Communication System PAR: 0 dB
Medium parameters used (interpolated): f = 2437 MHz; $\sigma$ = 1.936 S/m; $\varepsilon_r$ = 53.415; $\rho$ = 1000 kg/$m^3$
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(7.58, 7.58, 7.58); 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/CH6(2437MHz Bottom)/Area Scan (61x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0206 W/kg

**Configuration/CH6(2437MHz Bottom)/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.236 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.0260 W/kg
**SAR(1 g) = 0.016 W/kg; SAR(10 g) = 0.00757 W/kg**
Maximum value of SAR (measured) = 0.0191 W/kg



**Test Laboratory: Audix SAR Lab** Date: 05/09/2019

**CH6(2437MHz Front)**

**EUT: COSMO M/N:COSMO COMMUNICATOR**

Communication System: UID 0, IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps) (0); Communication System Band: ISM 2.4GHz Band (2400.0-2483.5MHz); Frequency: 2437 MHz;Communication System PAR: 0 dB

Medium parameters used (interpolated): f = 2437 MHz; $\sigma$ = 1.936 S/m; $\varepsilon_r$ = 53.415; $\rho$ = 1000 kg/$m^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(7.58, 7.58, 7.58); 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/CH6(2437MHz Front)/Area Scan (61x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.774 W/kg

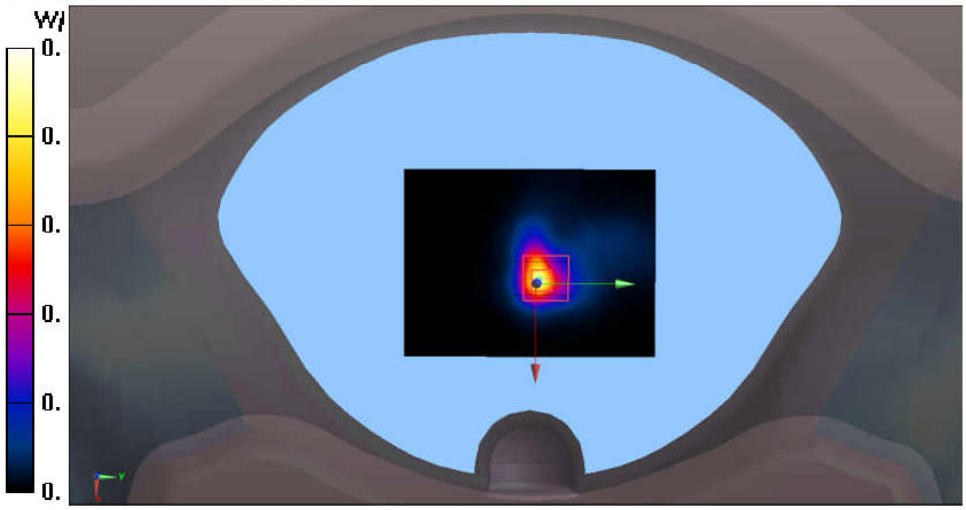
**Configuration/CH6(2437MHz Front)/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.24 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 1.71 W/kg

**SAR(1 g) = 0.650 W/kg; SAR(10 g) = 0.240 W/kg**

Maximum value of SAR (measured) = 0.815 W/kg



**Test Laboratory: Audix SAR Lab** Date: 05/09/2019

**CH6(2437MHz Left)**

**EUT: COSMO M/N:COSMO COMMUNICATOR**

Communication System: UID 0, IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps) (0); Communication System Band: ISM 2.4GHz Band (2400.0-2483.5MHz); Frequency: 2437 MHz;Communication System PAR: 0 dB

Medium parameters used (interpolated): f = 2437 MHz; $\sigma$ = 1.936 S/m; $\varepsilon_r$ = 53.415; $\rho$ = 1000 kg/$m^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(7.58, 7.58, 7.58); 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/CH6(2437MHz Left)/Area Scan (61x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.198 W/kg

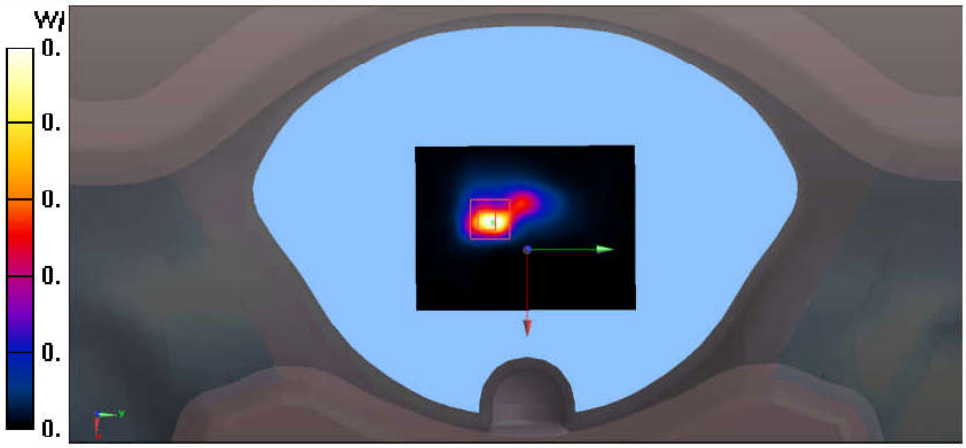
**Configuration/CH6(2437MHz Left)/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.752 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.543 W/kg

**SAR(1 g) = 0.163 W/kg; SAR(10 g) = 0.058 W/kg**

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



**Test Laboratory: Audix SAR Lab** Date: 05/09/2019

**CH6(2437MHz Top)**

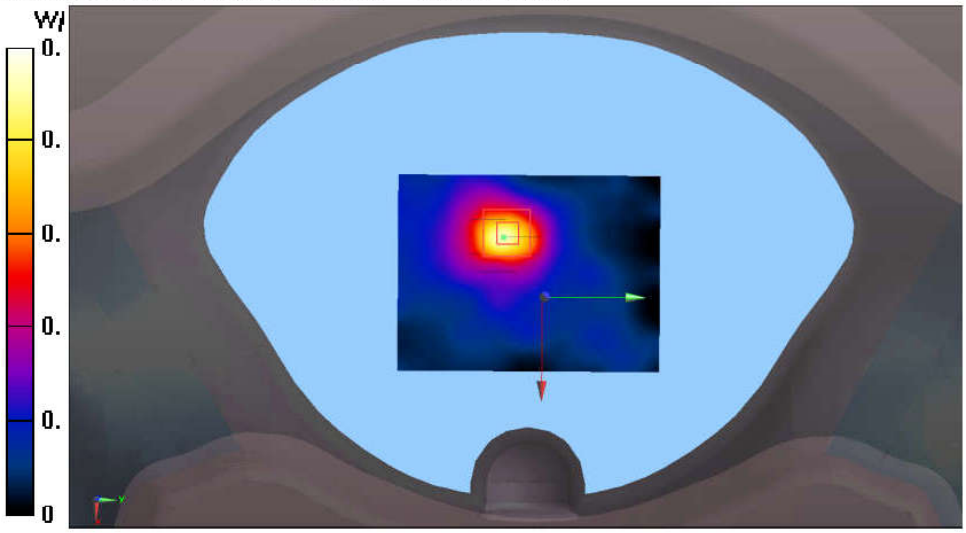
**EUT: COSMO M/N:COSMO COMMUNICATOR**

Communication System: UID 0, IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps) (0);
Communication System Band: ISM 2.4GHz Band (2400.0-2483.5MHz); Frequency: 2437 MHz;Communication System PAR: 0 dB
Medium parameters used (interpolated): f = 2437 MHz; $\sigma$ = 1.936 S/m; $\varepsilon_r$ = 53.415; $\rho$ = 1000 kg/$m^3$
Phantom section: Flat Section
DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(7.58, 7.58, 7.58); 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/CH6(2437MHz Top)/Area Scan (61x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0164 W/kg

**Configuration/CH6(2437MHz Top)/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.738 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 0.0270 W/kg
**SAR(1 g) = 0.015 W/kg; SAR(10 g) = 0.00699 W/kg**
Maximum value of SAR (measured) = 0.0175 W/kg



**Test Laboratory: Audix SAR Lab** Date: 05/09/2019

**Head 15 Degree Left CH6(2437MHz)**

**EUT: COSMO M/N:COSMO COMMUNICATOR**

Communication System: UID 0, IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps) (0);
Communication System Band: ISM 2.4GHz Band (2400.0-2483.5MHz); Frequency: 2437 MHz;Communication System PAR: 0 dB
Medium parameters used (interpolated): f = 2437 MHz; $\sigma$ = 1.879 S/m; $\varepsilon_r$ = 38.731; $\rho$ = 1000 kg/$m^3$
Phantom section: Left Section
DASY5 Configuration:

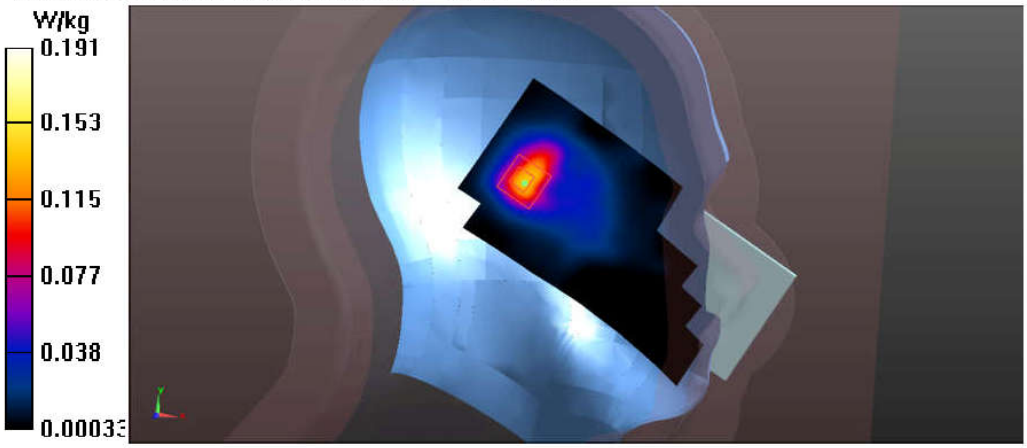
- Probe: EX3DV4 - SN3767; ConvF(7.4, 7.4, 7.4); Calibrated: 25/03/2019;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 19/03/2019
- Phantom: SAM1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Configuration/Head 15 Degree Left CH6(2437MHz)/Area Scan (121x61x1):**

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.139 W/kg

**Configuration/Head 15 Degree Left CH6(2437MHz)/Zoom Scan (5x5x7)/Cube 0:**

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.924 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.380 W/kg
**SAR(1 g) = 0.171 W/kg; SAR(10 g) = 0.072 W/kg**
Maximum value of SAR (measured) = 0.191 W/kg



**Test Laboratory: Audix SAR Lab** Date: 05/09/2019

**Head 15 Degree Right CH6(2437MHz)**

**EUT: COSMO M/N:COSMO COMMUNICATOR**

Communication System: UID 0, IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps) (0);
Communication System Band: ISM 2.4GHz Band (2400.0-2483.5MHz); Frequency: 2437 MHz;Communication System PAR: 0 dB
Medium parameters used (interpolated): f = 2437 MHz; $\sigma$ = 1.879 S/m; $\varepsilon_r$ = 38.731; $\rho$ = 1000 kg/$m^3$
Phantom section: Right Section
DASY5 Configuration:

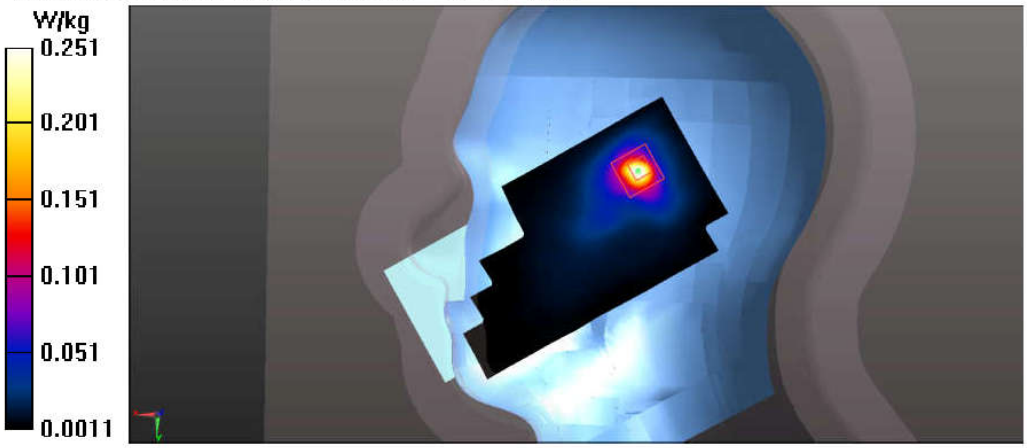
- Probe: EX3DV4 - SN3767; ConvF(7.4, 7.4, 7.4); Calibrated: 25/03/2019;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 19/03/2019
- Phantom: SAM1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Configuration/Head 15 Degree Right CH6(2437MHz)/Area Scan (121x61x1):**

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.271 W/kg

**Configuration/Head 15 Degree Right CH6(2437MHz)/Zoom Scan (5x5x7)/Cube 0:**

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.053 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 0.528 W/kg
**SAR(1 g) = 0.215 W/kg; SAR(10 g) = 0.085 W/kg**
Maximum value of SAR (measured) = 0.251 W/kg



**Test Laboratory: Audix SAR Lab** Date: 05/09/2019

**Head Touch Left CH6(2437MHz)**

**EUT: COSMO M/N:COSMO COMMUNICATOR**

Communication System: UID 0, IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps) (0);
Communication System Band: ISM 2.4GHz Band (2400.0-2483.5MHz); Frequency: 2437 MHz;Communication System PAR: 0 dB
Medium parameters used (interpolated): f = 2437 MHz; $\sigma$ = 1.879 S/m; $\varepsilon_r$ = 38.731; $\rho$ = 1000 kg/m$^3$
Phantom section: Left Section
DASY5 Configuration:

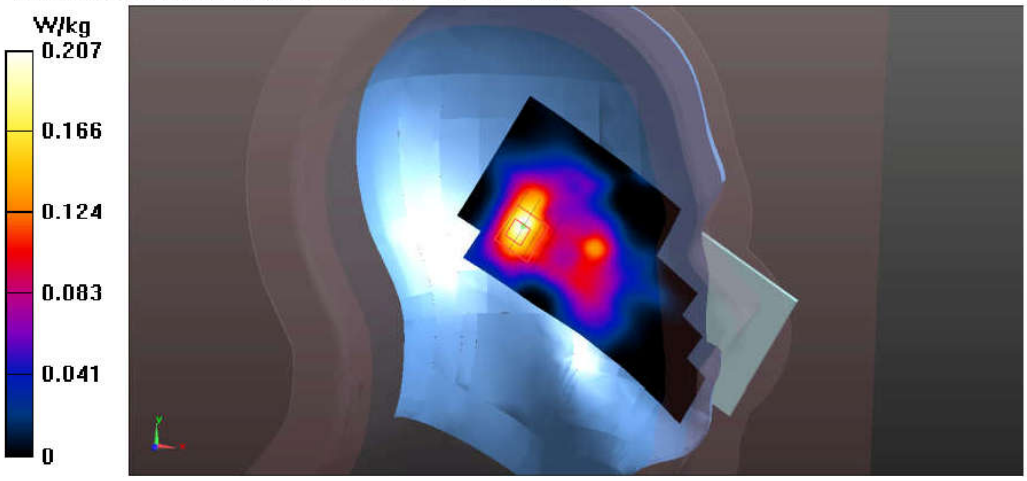
- Probe: EX3DV4 - SN3767; ConvF(7.4, 7.4, 7.4); Calibrated: 25/03/2019;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 19/03/2019
- Phantom: SAM1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Configuration/Head Touch Left CH6(2437MHz)/Area Scan (121x61x1):**

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.2661 W/kg

**Configuration/Head Touch Left CH6(2437MHz)/Zoom Scan (5x5x7)/Cube 0:**

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.693 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.211 W/kg
**SAR(1 g) = 0.174 W/kg; SAR(10 g) = 0.077 W/kg**
Maximum value of SAR (measured) = 0.207 W/kg



**Test Laboratory: Audix SAR Lab** Date: 05/09/2019

**Head Touch Right CH6(2437MHz)**

**EUT: COSMO M/N:COSMO COMMUNICATOR**

Communication System: UID 0, IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps) (0);
Communication System Band: ISM 2.4GHz Band (2400.0-2483.5MHz); Frequency: 2437 MHz;Communication System PAR: 0 dB
Medium parameters used (interpolated): f = 2437 MHz; $\sigma$ = 1.879 S/m; $\varepsilon_r$ = 38.731; $\rho$ = 1000 kg/$m^3$
Phantom section: Right Section
DASY5 Configuration:

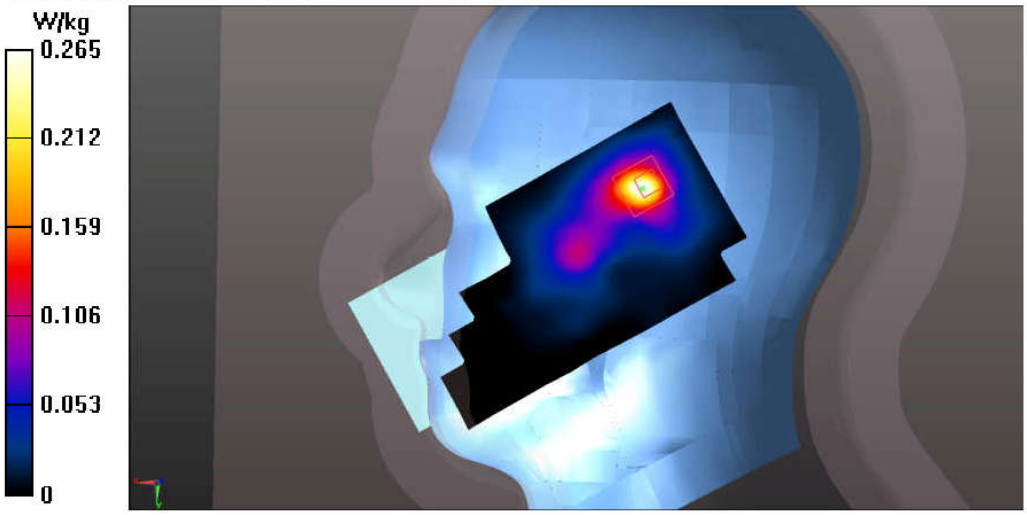
- Probe: EX3DV4 - SN3767; ConvF(7.4, 7.4, 7.4); Calibrated: 25/03/2019;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 19/03/2019
- Phantom: SAM1; Type: SAM; Serial: TP-1543
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Configuration/Head Touch Right CH6(2437MHz)/Area Scan (121x61x1):**

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.313 W/kg

**Configuration/Head Touch Right CH6(2437MHz)/Zoom Scan (5x5x7)/Cube 0:**

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.265 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 0.316 W/kg
**SAR(1 g) = 0.238 W/kg; SAR(10 g) = 0.143 W/kg**
Maximum value of SAR (measured) = 0.265 W/kg



**WIFI 5GHz:**

**Test Laboratory: Audix SAR Lab** Date: 06/09/2019

**CH48(5240MHz Back)**

**EUT: COSMO M/N:COSMO COMMUNICATOR**

Communication System: UID 0, IEEE 802.11a WiFi 5.2GHz (0); Communication System Band: IEEE 802.11a WiFi 5.2GHz; Frequency: 5240 MHz;Communication System PAR: 0 dB

Medium parameters used: f = 5240 MHz; $\sigma$ = 5.3 S/m; $\varepsilon_r$ = 47.4; $\rho$ = 1000 kg/m$^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(5.1, 5.1, 5.1); 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/CH48(5240MHz Back)/Area Scan (61x81x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.128 W/kg

**Configuration/CH48(5240MHz Back)/Zoom Scan (7x7x7)/Cube 0:**

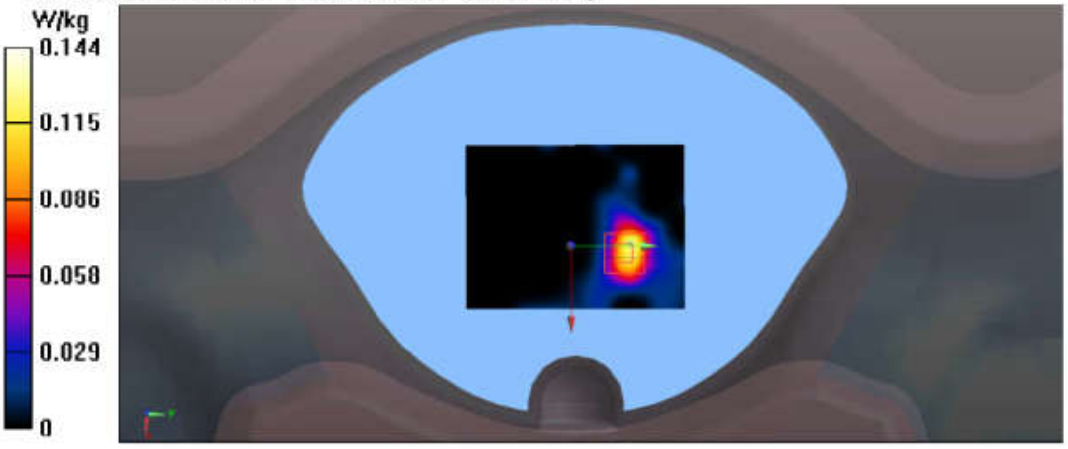
Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 0.5750 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.399 W/kg

**SAR(1 g) = 0.134 W/kg; SAR(10 g) = 0.050 W/kg**

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



**Test Laboratory: Audix SAR Lab** Date: 06/09/2019

**CH48(5240MHz Bottom)**

EUT: COSMO M/N:COSMO COMMUNICATOR

Communication System: UID 0, IEEE 802.11a WiFi 5.2GHz (0); Communication System Band: IEEE 802.11a WiFi 5.2GHz; Frequency: 5240 MHz;Communication System PAR: 0 dB

Medium parameters used: f = 5240 MHz; $\sigma$ = 5.3 S/m; $\varepsilon_r$ = 47.4; $\rho$ = 1000 kg/m$^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(5.1, 5.1, 5.1); 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/CH48(5240MHz Bottom)/Area Scan (61x81x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

**Configuration/CH48(5240MHz Bottom)/Zoom Scan (7x7x7)/Cube 0:**

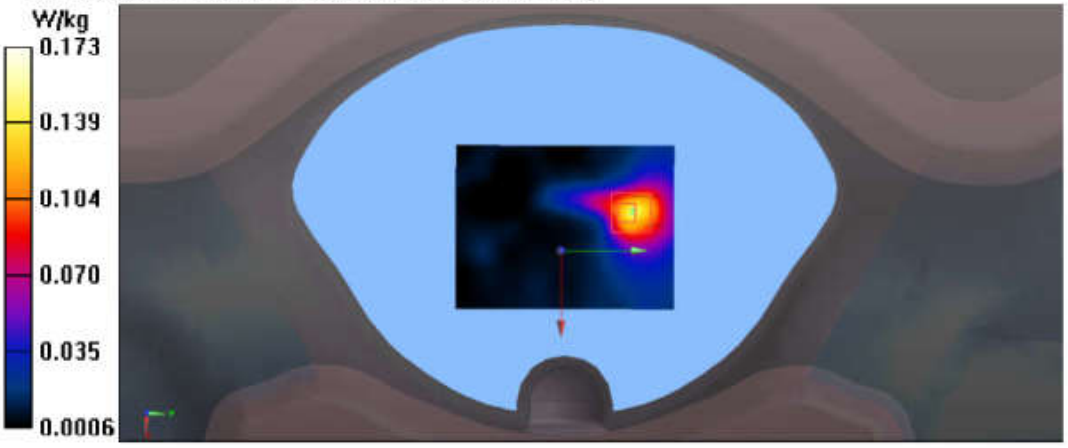
Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 2.299 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.415 W/kg

**SAR(1 g) = 0.142 W/kg; SAR(10 g) = 0.057 W/kg**

Maximum value of SAR (measured) = 0.173 W/kg



**Test Laboratory: Audix SAR Lab** Date: 06/09/2019

**CH48(5240MHz Front)**

**EUT: COSMO M/N:COSMO COMMUNICATOR**

Communication System: UID 0, IEEE 802.11a WiFi 5.2GHz (0); Communication System Band: IEEE 802.11a WiFi 5.2GHz; Frequency: 5240 MHz;Communication System PAR: 0 dB

Medium parameters used: f = 5240 MHz; $\sigma$ = 5.3 S/m; $\varepsilon_r$ = 47.4; $\rho$ = 1000 kg/m$^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(5.1, 5.1, 5.1); 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/CH48(5240MHz Front)/Area Scan (61x81x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.620 W/kg

**Configuration/CH48(5240MHz Front)/Zoom Scan (7x7x7)/Cube 0:**

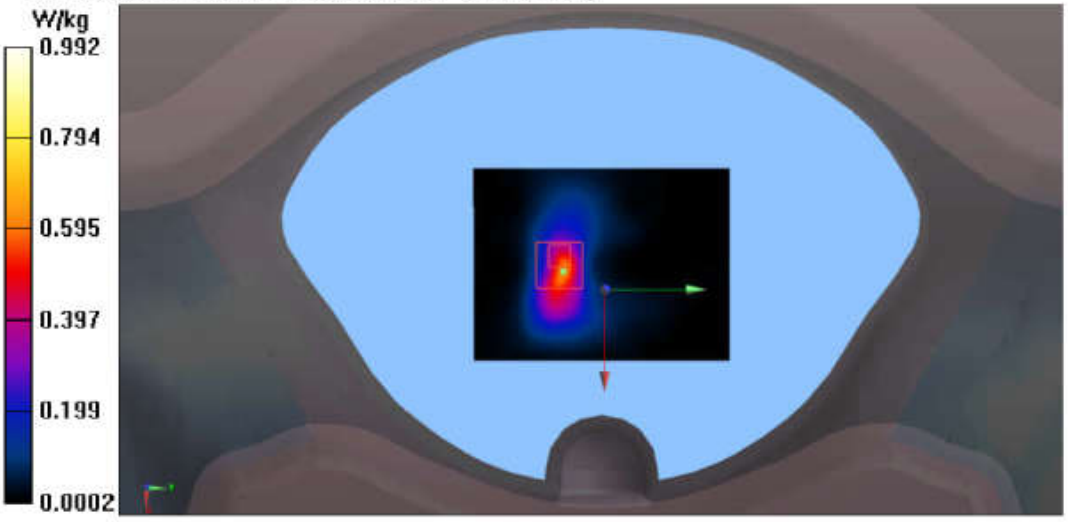
Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 2.941 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 2.21 W/kg

**SAR(1 g) = 0.723 W/kg; SAR(10 g) = 0.232 W/kg**

Maximum value of SAR (measured) = 0.992 W/kg



**Test Laboratory: Audix SAR Lab** Date: 06/09/2019

**CH48(5240MHz Left)**

**EUT: COSMO M/N:COSMO COMMUNICATOR**

Communication System: UID 0, IEEE 802.11a WiFi 5.2GHz (0); Communication System Band: IEEE 802.11a WiFi 5.2GHz; Frequency: 5240 MHz;Communication System PAR: 0 dB

Medium parameters used: f = 5240 MHz; $\sigma$ = 5.3 S/m; $\varepsilon_r$ = 47.4; $\rho$ = 1000 kg/m$^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(5.1, 5.1, 5.1); 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/CH48(5240MHz Left)/Area Scan (61x81x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.979 W/kg

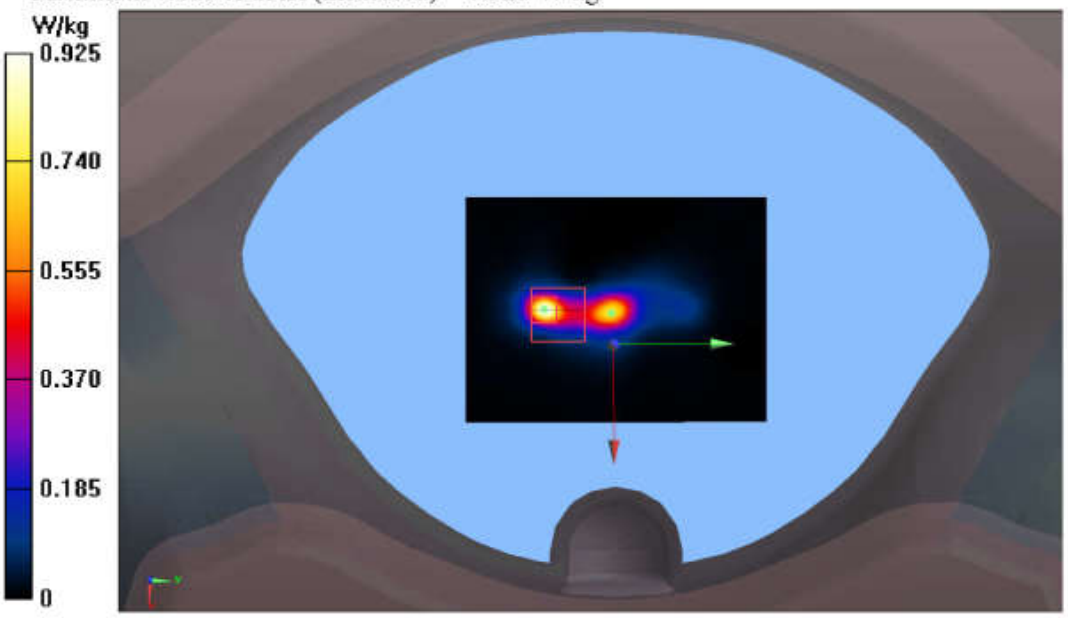
**Configuration/CH48(5240MHz Left)/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 9.001 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.71 W/kg

**SAR(1 g) = 0.534 W/kg; SAR(10 g) = 0.155 W/kg**

Maximum value of SAR (measured) = 0.925 W/kg



**Test Laboratory: Audix SAR Lab** Date: 06/09/2019

**CH48(5240MHz Top)**

**EUT: COSMO M/N:COSMO COMMUNICATOR**

Communication System: UID 0, IEEE 802.11a WiFi 5.2GHz (0); Communication System Band: IEEE 802.11a WiFi 5.2GHz; Frequency: 5240 MHz;Communication System PAR: 0 dB

Medium parameters used: f = 5240 MHz; $\sigma$ = 5.3 S/m; $\varepsilon_r$ = 47.4; $\rho$ = 1000 kg/m$^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(5.1, 5.1, 5.1); 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/CH48(5240MHz Top)/Area Scan (61x81x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0831 W/kg

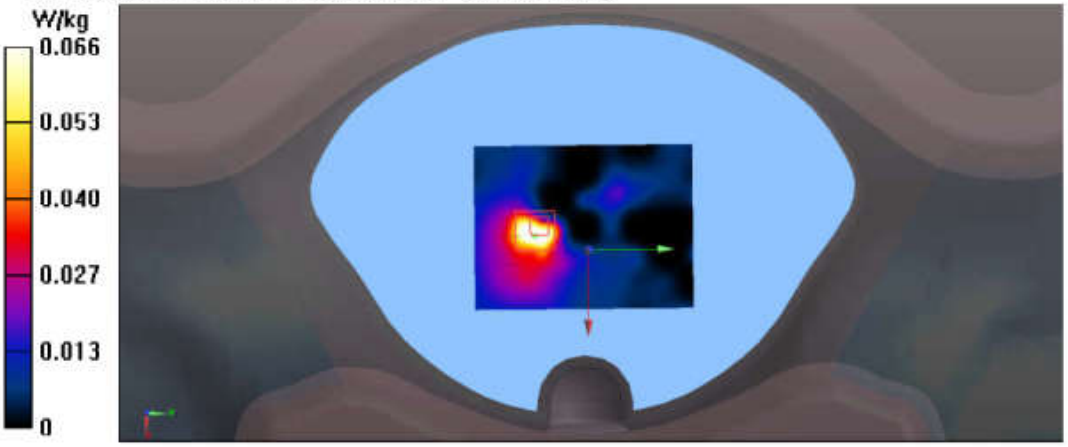
**Configuration/CH48(5240MHz Top)/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 1.840 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.185 W/kg

**SAR(1 g) = 0.061 W/kg; SAR(10 g) = 0.026 W/kg**

Maximum value of SAR (measured) = 0.0664 W/kg



**Test Laboratory: Audix SAR Lab** Date: 02/08/2019

**Head 15 Degree Left CH48(5240MHz)**

EUT: COSMO M/N:COSMO COMMUNICATOR

Communication System: UID 0, IEEE 802.11a WiFi 5.2GHz (0); Communication System Band: IEEE 802.11a WiFi 5.2GHz; Frequency: 5240 MHz;Communication System PAR: 0 dB

Medium parameters used: f = 5240 MHz; $\sigma$ = 4.51 S/m; $\varepsilon_r$ = 35.53; $\rho$ = 1000 kg/m$^3$

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(5.55, 5.55, 5.55); 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 CH48(5240MHz)/Area Scan (121x61x1):**

Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.516 W/kg

**Configuration/Head 15 Degree Left CH48(5240MHz)/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 7.131 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.57W/kg

**SAR(1 g) = 0.324 W/kg; SAR(10 g) = 0.103 W/kg**

Maximum value of SAR (measured) = 0.527 W/kg

**Test Laboratory: Audix SAR Lab** Date: 06/09/2019

**Head 15 Degree Left CH48(5240MHz)-Right**

EUT: COSMO M/N:COSMO COMMUNICATOR

Communication System: UID 0, IEEE 802.11a WiFi 5.2GHz (0); Communication System Band: IEEE 802.11a WiFi 5.2GHz; Frequency: 5240 MHz;Communication System PAR: 0 dB

Medium parameters used: f = 5240 MHz; $\sigma$ = 4.51 S/m; $\varepsilon_r$ = 35.53; $\rho$ = 1000 kg/m$^3$

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(5.55, 5.55, 5.55); 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 CH48(5240MHz)/Area Scan (121x61x1):**

Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.387 W/kg

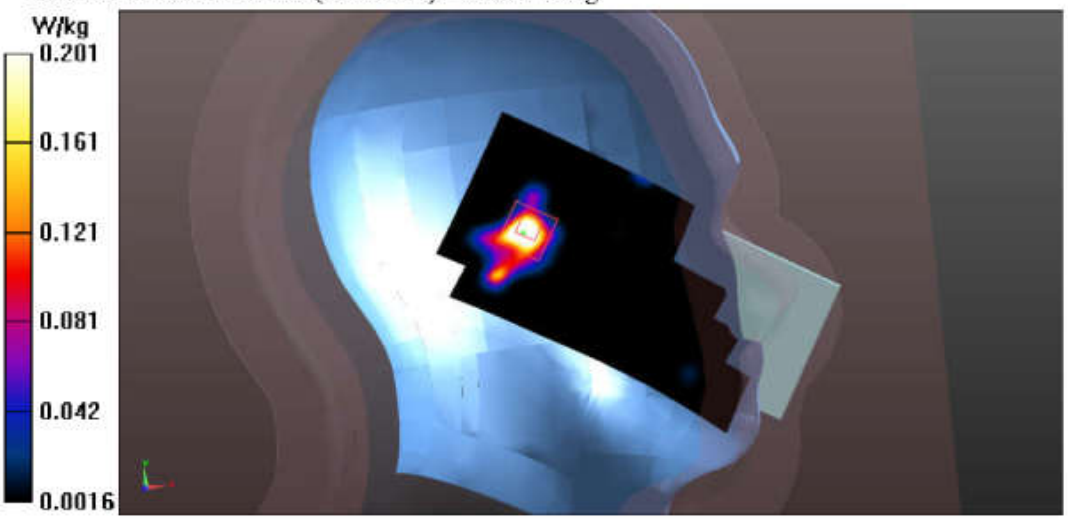
**Configuration/Head 15 Degree Left CH48(5240MHz)/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 6.794 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.613 W/kg

**SAR(1 g) = 0.189 W/kg; SAR(10 g) = 0.062 W/kg**

Maximum value of SAR (measured) = 0.201 W/kg



**Test Laboratory: Audix SAR Lab** Date: 02/08/2019

**Head 15 Degree Right CH48(5240MHz)**

EUT: COSMO M/N:COSMO COMMUNICATOR

Communication System: UID 0, IEEE 802.11a WiFi 5.2GHz (0); Communication System Band: IEEE 802.11a WiFi 5.2GHz; Frequency: 5240 MHz;Communication System PAR: 0 dB

Medium parameters used: f = 5240 MHz; $\sigma$ = 4.51 S/m; $\varepsilon_r$ = 35.53; $\rho$ = 1000 kg/m$^3$

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(5.55, 5.55, 5.55); 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 CH48(5240MHz)/Area Scan (121x61x1):**

Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.556 W/kg

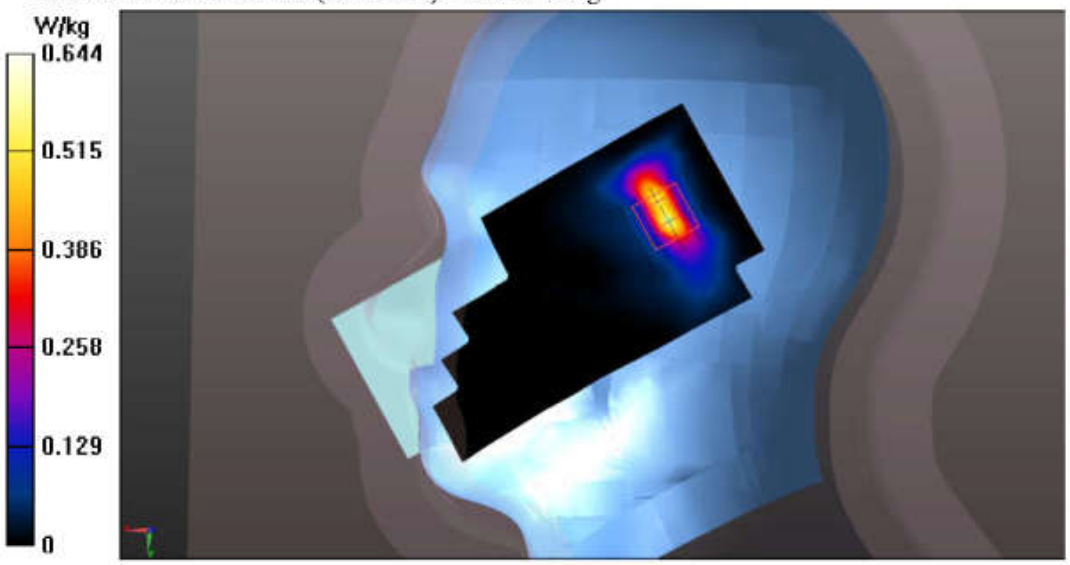
**Configuration/Head 15 Degree Right CH48(5240MHz)/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 11.00 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.67 W/kg

**SAR(1 g) = 0.214 W/kg; SAR(10 g) = 0.054 W/kg**

Maximum value of SAR (measured) = 0.644 W/kg



**Test Laboratory: Audix SAR Lab** Date: 06/09/2019

**Head 15 Degree Right CH48(5240MHz)-Right**

EUT: COSMO M/N:COSMO COMMUNICATOR

Communication System: UID 0, IEEE 802.11a WiFi 5.2GHz (0); Communication System Band: IEEE 802.11a WiFi 5.2GHz; Frequency: 5240 MHz;Communication System PAR: 0 dB

Medium parameters used: f = 5240 MHz; $\sigma$ = 4.51 S/m; $\varepsilon_r$ = 35.53; $\rho$ = 1000 kg/m$^3$

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(5.55, 5.55, 5.55); 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 CH48(5240MHz)/Area Scan (121x61x1):**

Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.198 W/kg

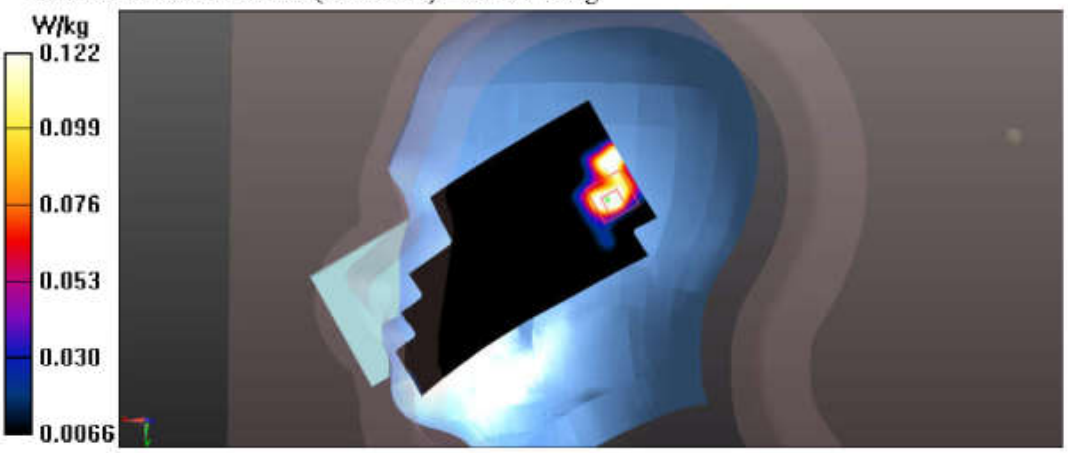
**Configuration/Head 15 Degree Right CH48(5240MHz)/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 3.208 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.279 W/kg

**SAR(1 g) = 0.104 W/kg; SAR(10 g) = 0.046 W/kg**

Maximum value of SAR (measured) = 0.122 W/kg



**Test Laboratory: Audix SAR Lab** Date: 06/09/2019

**Head Touch Left CH48(5240MHz)**

EUT: COSMO M/N:COSMO COMMUNICATOR

Communication System: UID 0, IEEE 802.11a WiFi 5.2GHz (0); Communication System Band: IEEE 802.11a WiFi 5.2GHz; Frequency: 5240 MHz;Communication System PAR: 0 dB

Medium parameters used: f = 5240 MHz; $\sigma$ = 4.51 S/m; $\varepsilon_r$ = 35.53; $\rho$ = 1000 kg/m$^3$

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(5.55, 5.55, 5.55); 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 CH48(5240MHz)/Area Scan (121x61x1):**

Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.339 W/kg

**Configuration/Head Touch Left CH48(5240MHz)/Zoom Scan (7x7x7)/Cube 0:**

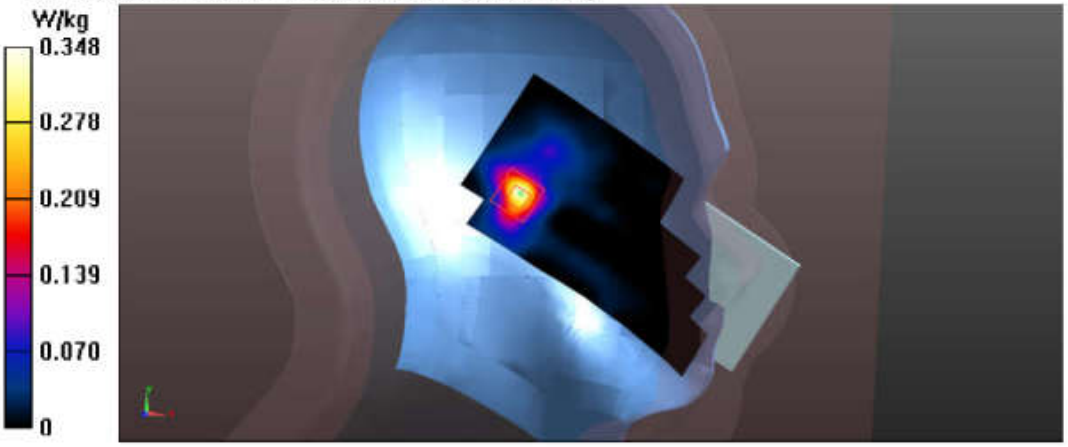
Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 4.314 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 1.57 W/kg

**SAR(1 g) = 0.352 W/kg; SAR(10 g) = 0.122 W/kg**

Maximum value of SAR (measured) = 0.348 W/kg



**Test Laboratory: Audix SAR Lab** Date: 06/09/2019

**Head Touch Left CH48(5240MHz)-Right**

EUT: COSMO M/N:COSMO COMMUNICATOR

Communication System: UID 0, IEEE 802.11a WiFi 5.2GHz (0); Communication System Band: IEEE 802.11a WiFi 5.2GHz; Frequency: 5240 MHz;Communication System PAR: 0 dB

Medium parameters used: f = 5240 MHz; $\sigma$ = 4.51 S/m; $\varepsilon_r$ = 35.53; $\rho$ = 1000 kg/m$^3$

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(5.55, 5.55, 5.55); 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 CH48(5240MHz)/Area Scan (121x61x1):**

Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

**Configuration/Head Touch Left CH48(5240MHz)/Zoom Scan (7x7x7)/Cube 0:**

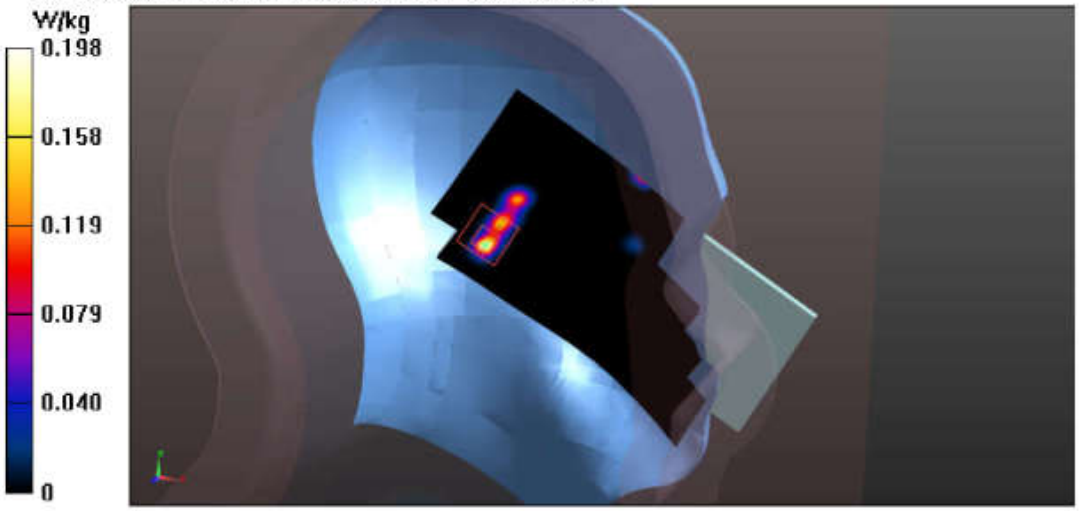
Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 4.332 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.235 W/kg

**SAR(1 g) = 0.189 W/kg; SAR(10 g) = 0.075 W/kg**

Maximum value of SAR (measured) = 0.198W/kg



**Test Laboratory: Audix SAR Lab** Date: 02/08/2019

**Head Touch Right CH48(5240MHz)**

EUT: COSMO M/N:COSMO COMMUNICATOR

Communication System: UID 0, IEEE 802.11a WiFi 5.2GHz (0); Communication System Band: IEEE 802.11a WiFi 5.2GHz; Frequency: 5240 MHz;Communication System PAR: 0 dB

Medium parameters used: f = 5240 MHz; $\sigma$ = 4.51 S/m; $\varepsilon_r$ = 35.53; $\rho$ = 1000 kg/m$^3$

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(5.55, 5.55, 5.55); 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 CH48(5240MHz)/Area Scan (121x61x1):**

Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.269 W/kg

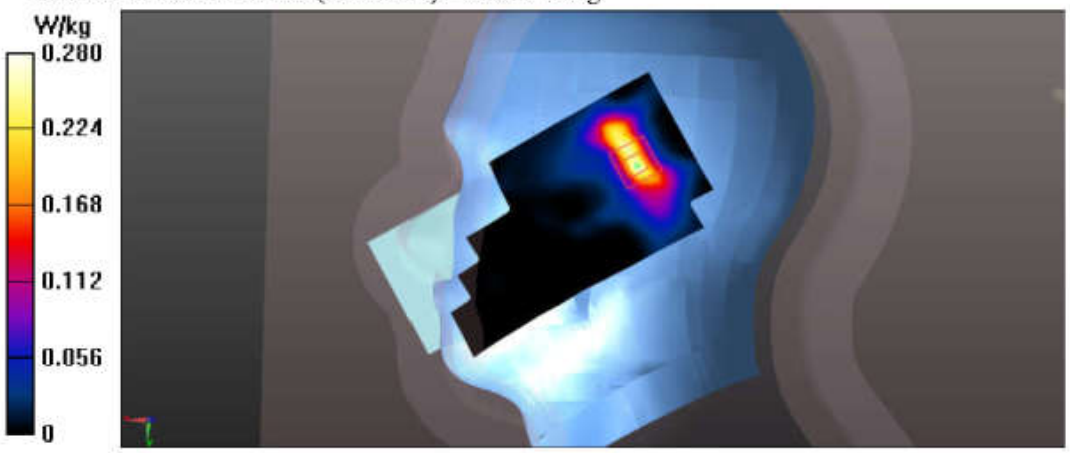
**Configuration/Head Touch Right CH48(5240MHz)/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 7.786 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.689 W/kg

**SAR(1 g) = 0.227 W/kg; SAR(10 g) = 0.081 W/kg**

Maximum value of SAR (measured) = 0.280 W/kg



**Test Laboratory: Audix SAR Lab** Date: 06/09/2019

**Head Touch Right CH48(5240MHz)-Right**

EUT: COSMO M/N:COSMO COMMUNICATOR

Communication System: UID 0, IEEE 802.11a WiFi 5.2GHz (0); Communication System Band: IEEE 802.11a WiFi 5.2GHz; Frequency: 5240 MHz;Communication System PAR: 0 dB

Medium parameters used: f = 5240 MHz; $\sigma$ = 4.51 S/m; $\varepsilon_r$ = 35.53; $\rho$ = 1000 kg/m$^3$

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(5.55, 5.55, 5.55); 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 CH48(5240MHz)/Area Scan (121x61x1):**

Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.100 W/kg

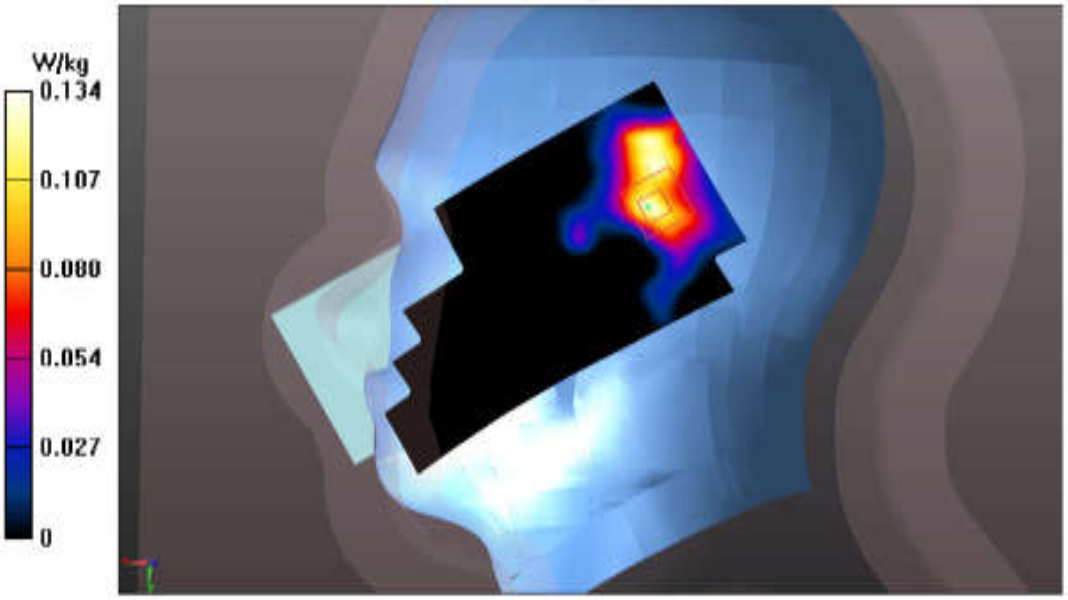
**Configuration/Head Touch Right CH48(5240MHz)/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 4.265 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.231 W/kg

**SAR(1 g) = 0.118 W/kg; SAR(10 g) = 0.048 W/kg**

Maximum value of SAR (measured) = 0.134 W/kg



**Test Laboratory: Audix SAR Lab** Date: 06/09/2019

**CH64(5320MHz Back)**

**EUT: COSMO M/N:COSMO COMMUNICATOR**

Communication System: UID 0, IEEE 802.11a WiFi 5.3GHz (0); Communication System Band: IEEE 802.11a WiFi 5.3GHz ; Frequency: 5320 MHz;Communication System PAR: 0 dB

Medium parameters used: f = 5320 MHz; $\sigma$ = 5.3 S/m; $\varepsilon_r$ = 47.4; $\rho$ = 1000 kg/m$^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(4.9, 4.9, 4.9); 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/CH64(5320MHz Back)/Area Scan (61x81x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.134 W/kg

**Configuration/CH64(5320MHz Back)/Zoom Scan (7x7x7)/Cube 0:**

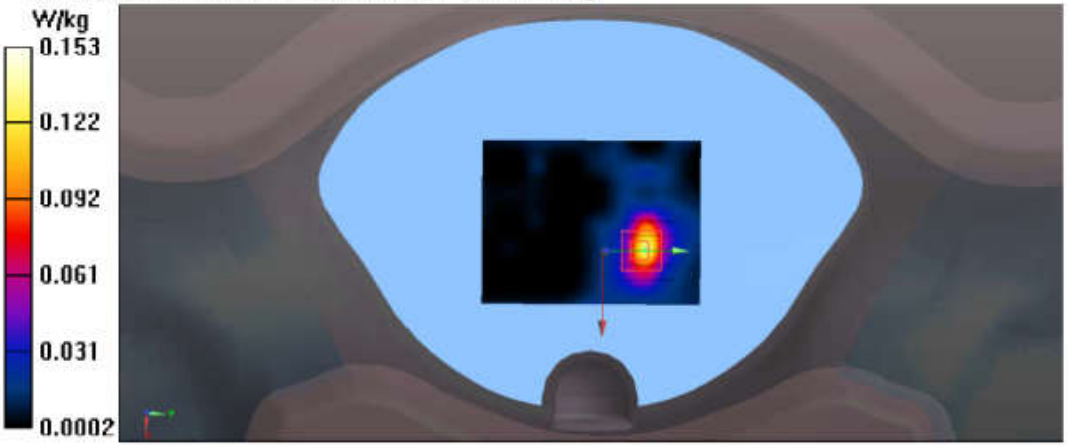
Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 0.7950 V/m; Power Drift = 0.12dB

Peak SAR (extrapolated) = 0.396 W/kg

**SAR(1 g) = 0.135 W/kg; SAR(10 g) = 0.050 W/kg**

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



**Test Laboratory: Audix SAR Lab** Date: 06/09/2019

**CH64(5320MHz Bottom)**

**EUT: COSMO M/N:COSMO COMMUNICATOR**

Communication System: UID 0, IEEE 802.11a WiFi 5.3GHz (0); Communication System Band: IEEE 802.11a WiFi 5.3GHz ; Frequency: 5320 MHz;Communication System PAR: 0 dB

Medium parameters used: f = 5320 MHz; $\sigma$ = 5.3 S/m; $\varepsilon_r$ = 47.4; $\rho$ = 1000 kg/m$^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(4.9, 4.9, 4.9); 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/CH64(5320MHz Bottom)/Area Scan (61x81x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.149 W/kg

**Configuration/CH64(5320MHz Bottom)/Zoom Scan (7x7x7)/Cube 0:**

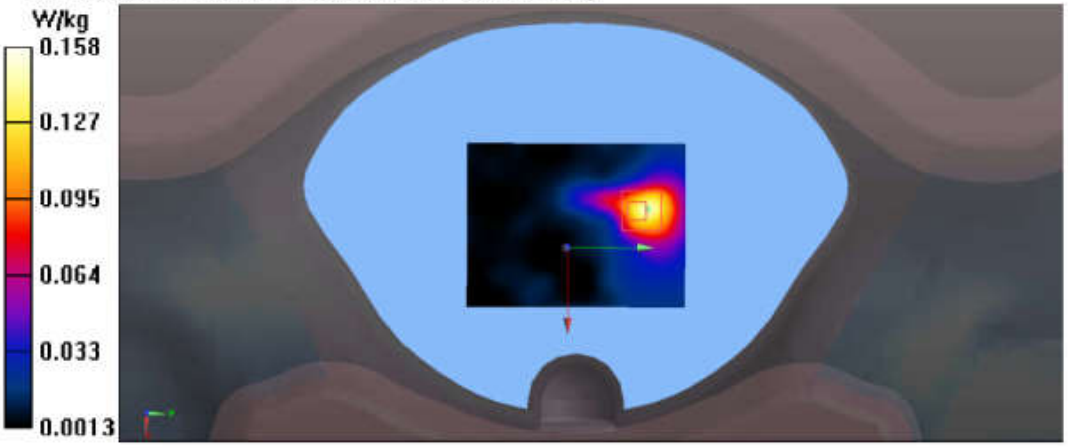
Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 2.431 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.391 W/kg

**SAR(1 g) = 0.131 W/kg; SAR(10 g) = 0.051 W/kg**

Maximum value of SAR (measured) = 0.158 W/kg



**Test Laboratory: Audix SAR Lab** Date: 06/09/2019

**CH64(5320MHz Front)**

**EUT: COSMO M/N:COSMO COMMUNICATOR**

Communication System: UID 0, IEEE 802.11a WiFi 5.3GHz (0); Communication System Band: IEEE 802.11a WiFi 5.3GHz ; Frequency: 5320 MHz;Communication System PAR: 0 dB

Medium parameters used: f = 5320 MHz; $\sigma$ = 5.3 S/m; $\varepsilon_r$ = 47.4; $\rho$ = 1000 kg/m$^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(4.9, 4.9, 4.9); 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/CH64(5320MHz Front)/Area Scan (61x81x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.654 W/kg

**Configuration/CH64(5320MHz Front)/Zoom Scan (7x7x7)/Cube 0:**

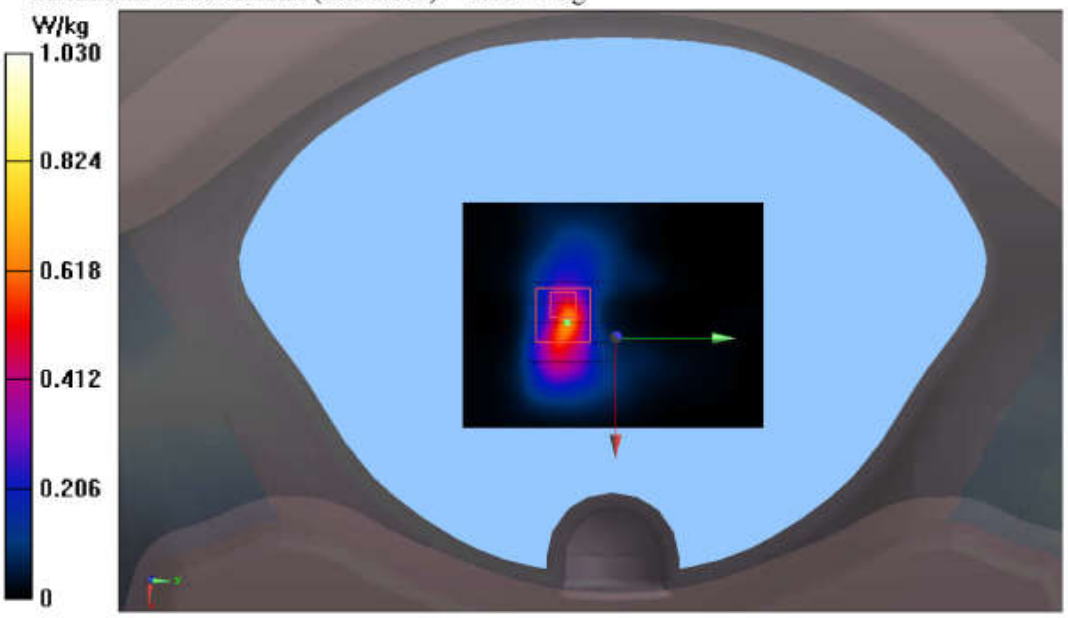
Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 3.034 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 2.29 W/kg

**SAR(1 g) = 0.709 W/kg; SAR(10 g) = 0.242 W/kg**

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



**Test Laboratory: Audix SAR Lab** Date: 06/09/2019

**CH64(5320MHz Left)**

**EUT: COSMO M/N:COSMO COMMUNICATOR**

Communication System: UID 0, IEEE 802.11a WiFi 5.3GHz (0); Communication System Band: IEEE 802.11a WiFi 5.3GHz ; Frequency: 5320 MHz;Communication System PAR: 0 dB

Medium parameters used: f = 5320 MHz; $\sigma$ = 5.3 S/m; $\varepsilon_r$ = 47.4; $\rho$ = 1000 kg/m$^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(4.9, 4.9, 4.9); 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/CH64(5320MHz Left)/Area Scan (61x81x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.05 W/kg

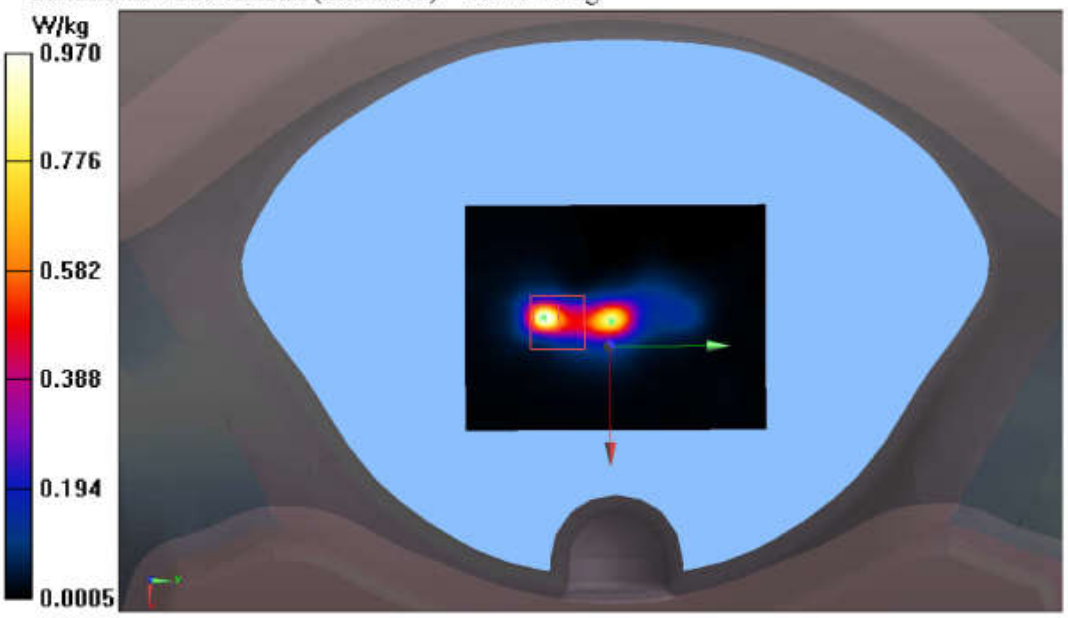
**Configuration/CH64(5320MHz Left)/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 9.504 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 1.78 W/kg

**SAR(1 g) = 0.561 W/kg; SAR(10 g) = 0.167 W/kg**

Maximum value of SAR (measured) = 0.970 W/kg



**Test Laboratory: Audix SAR Lab** Date: 06/09/2019

**CH64(5320MHz Top)**

**EUT: COSMO M/N:COSMO COMMUNICATOR**

Communication System: UID 0, IEEE 802.11a WiFi 5.3GHz (0); Communication System Band: IEEE 802.11a WiFi 5.3GHz ; Frequency: 5320 MHz;Communication System PAR: 0 dB

Medium parameters used: f = 5320 MHz; $\sigma$ = 5.3 S/m; $\varepsilon_r$ = 47.4; $\rho$ = 1000 kg/m$^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(4.9, 4.9, 4.9); 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/CH64(5320MHz Top)/Area Scan (61x81x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0743 W/kg

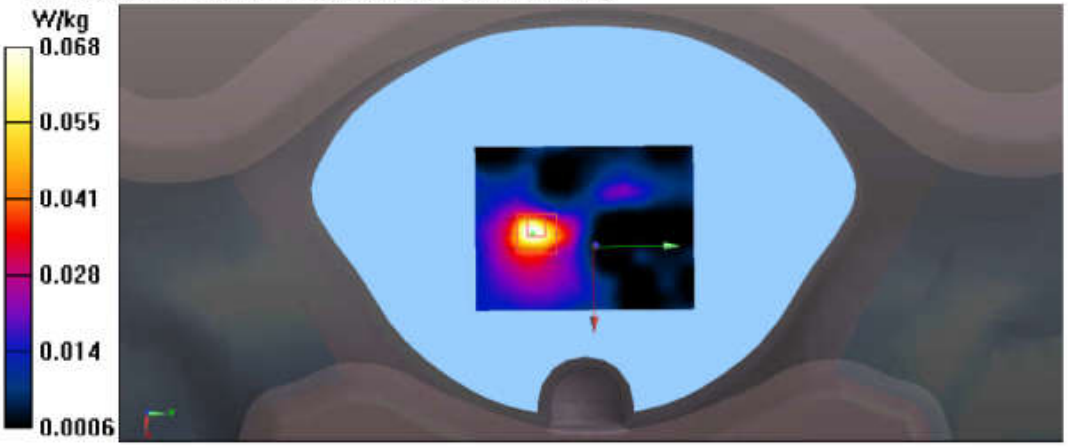
**Configuration/CH64(5320MHz Top)/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 1.773 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.227 W/kg

**SAR(1 g) = 0.066 W/kg; SAR(10 g) = 0.027 W/kg**

Maximum value of SAR (measured) = 0.0680 W/kg



**Test Laboratory: Audix SAR Lab** Date: 06/09/2019

**Head 15 Degree Left CH64(5320MHz)**

EUT: COSMO M/N:COSMO COMMUNICATOR

Communication System: UID 0, IEEE 802.11a WiFi 5.3GHz (0); Communication System Band: IEEE 802.11a WiFi 5.3GHz ; Frequency: 5320 MHz;Communication System PAR: 0 dB

Medium parameters used: f = 5320 MHz; $\sigma$ = 4.531 S/m; $\varepsilon_r$ = 37.16; $\rho$ = 1000 kg/m$^3$

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(5.18, 5.18, 5.18); 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 CH64(5320MHz)/Area Scan (121x61x1):**

Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.493 W/kg

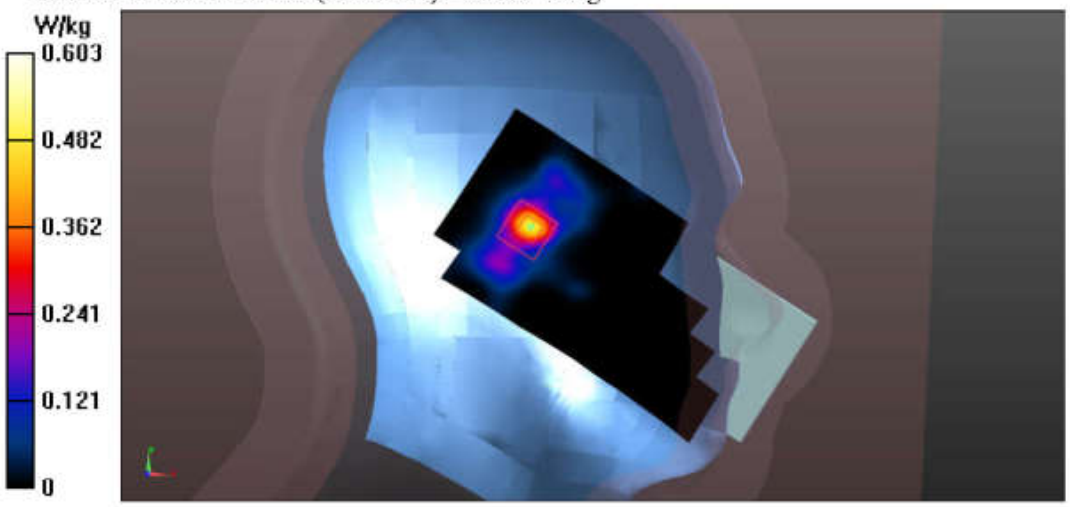
**Configuration/Head 15 Degree Left CH64(5320MHz)/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 9.177 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.39 W/kg

**SAR(1 g) = 0.449 W/kg; SAR(10 g) = 0.145 W/kg**

Maximum value of SAR (measured) = 0.603 W/kg



**Test Laboratory: Audix SAR Lab** Date: 06/09/2019

**Head 15 Degree Left CH64(5320MHz)-Right**

EUT: COSMO M/N:COSMO COMMUNICATOR

Communication System: UID 0, IEEE 802.11a WiFi 5.3GHz (0); Communication System Band: IEEE 802.11a WiFi 5.3GHz ; Frequency: 5320 MHz;Communication System PAR: 0 dB

Medium parameters used: f = 5320 MHz; $\sigma$ = 4.596 S/m; $\varepsilon_r$ = 36.187; $\rho$ = 1000 kg/m$^3$

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(5.18, 5.18, 5.18); 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 CH64(5320MHz)/Area Scan (121x61x1):**

Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

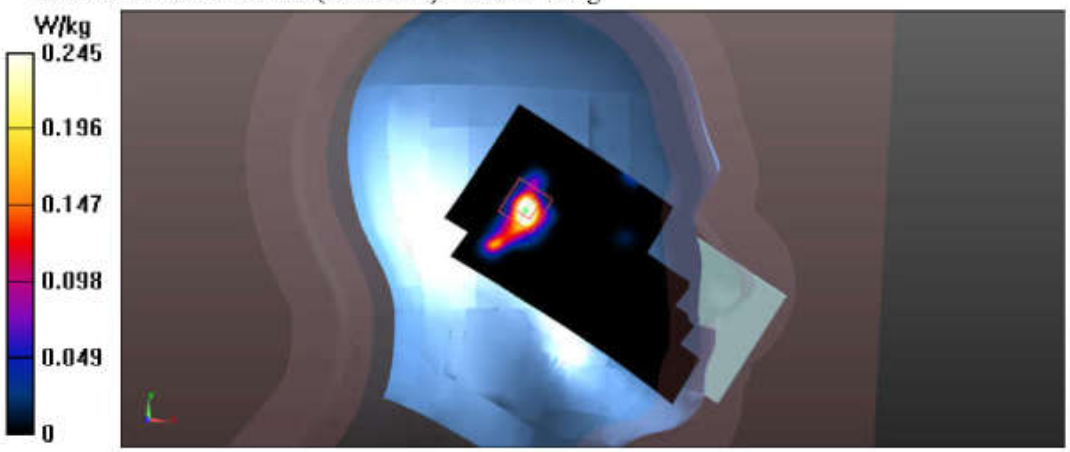
**Configuration/Head 15 Degree Left CH64(5320MHz)/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 7.453 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.611 W/kg

**SAR(1 g) = 0.202 W/kg; SAR(10 g) = 0.071 W/kg**

Maximum value of SAR (measured) = 0.245 W/kg



**Test Laboratory: Audix SAR Lab** Date: 06/09/2019

**Head 15 Degree Right CH64(5320MHz)**

EUT: COSMO M/N:COSMO COMMUNICATOR

Communication System: UID 0, IEEE 802.11a WiFi 5.3GHz (0); Communication System Band: IEEE 802.11a WiFi 5.3GHz ; Frequency: 5320 MHz;Communication System PAR: 0 dB

Medium parameters used: f = 5320 MHz; $\sigma$ = 4.531 S/m; $\varepsilon_r$ = 37.16; $\rho$ = 1000 kg/m$^3$

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(5.18, 5.18, 5.18); 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 CH64(5320MHz)/Area Scan (121x61x1):**

Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.617 W/kg

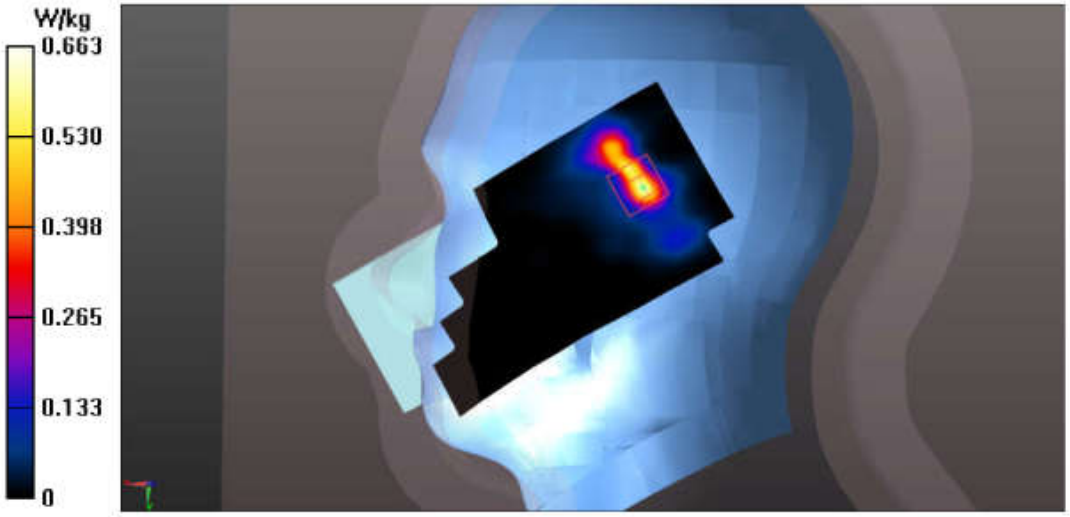
**Configuration/Head 15 Degree Right CH64(5320MHz)/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 10.69 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.55 W/kg

**SAR(1 g) = 0.503 W/kg; SAR(10 g) = 0.164 W/kg**

Maximum value of SAR (measured) = 0.663 W/kg



**Test Laboratory: Audix SAR Lab** Date: 06/09/2019

**Head 15 Degree Right CH64(5320MHz)-Right**

EUT: COSMO M/N:COSMO COMMUNICATOR

Communication System: UID 0, IEEE 802.11a WiFi 5.3GHz (0); Communication System Band: IEEE 802.11a WiFi 5.3GHz ; Frequency: 5320 MHz;Communication System PAR: 0 dB

Medium parameters used: f = 5320 MHz; $\sigma$ = 4.531 S/m; $\varepsilon_r$ = 37.16; $\rho$ = 1000 kg/m$^3$

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(5.18, 5.18, 5.18); 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 CH64(5320MHz)/Area Scan (121x61x1):**

Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

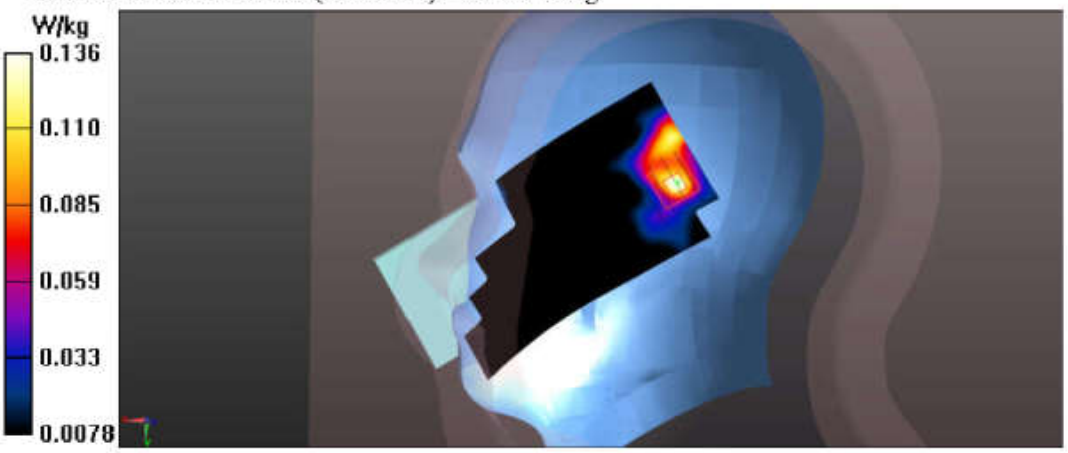
**Configuration/Head 15 Degree Right CH64(5320MHz)/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 3.075 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.311 W/kg

**SAR(1 g) = 0.113 W/kg; SAR(10 g) = 0.050 W/kg**

Maximum value of SAR (measured) = 0.136 W/kg



**Test Laboratory: Audix SAR Lab** Date: 06/09/2019

**Head Touch Left CH64(5320MHz)**

EUT: COSMO M/N:COSMO COMMUNICATOR

Communication System: UID 0, IEEE 802.11a WiFi 5.3GHz (0); Communication System Band: IEEE 802.11a WiFi 5.3GHz ; Frequency: 5320 MHz;Communication System PAR: 0 dB

Medium parameters used: f = 5320 MHz; $\sigma$ = 4.596 S/m; $\varepsilon_r$ = 36.187; $\rho$ = 1000 kg/m$^3$

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(5.18, 5.18, 5.18); 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 CH64(5320MHz)/Area Scan (121x61x1):**

Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.672 W/kg

**Configuration/Head Touch Left CH64(5320MHz)/Zoom Scan (7x7x7)/Cube 0:**

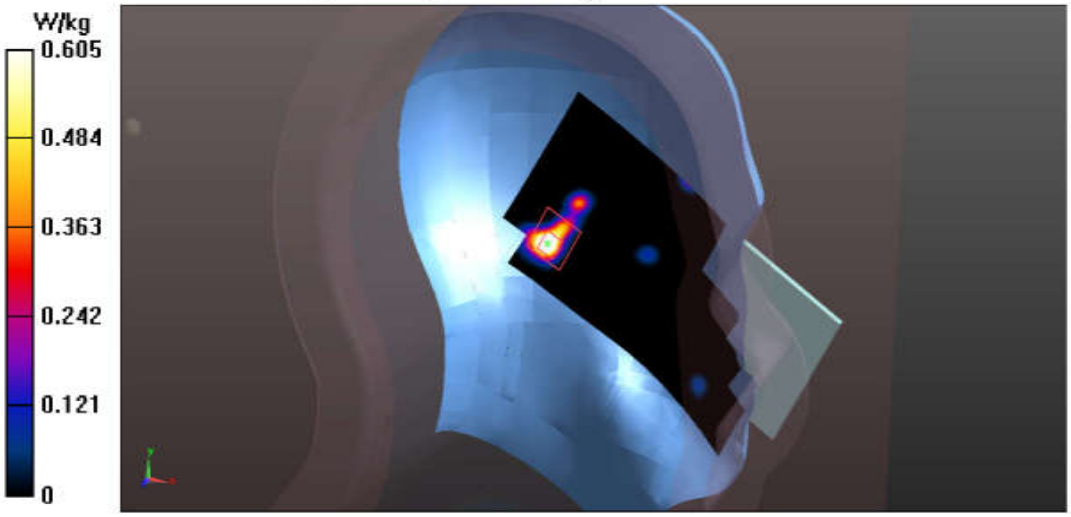
Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 10.905 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.644 W/kg

**SAR(1 g) = 0.487 W/kg; SAR(10 g) = 0.147 W/kg**

Maximum value of SAR (measured) = 0.605 W/kg



**Test Laboratory: Audix SAR Lab** Date: 06/09/2019

**Head Touch Right CH64(5320MHz)**

EUT: COSMO M/N:COSMO COMMUNICATOR

Communication System: UID 0, IEEE 802.11a WiFi 5.3GHz (0); Communication System Band: IEEE 802.11a WiFi 5.3GHz ; Frequency: 5320 MHz;Communication System PAR: 0 dB

Medium parameters used: f = 5320 MHz; $\sigma$ = 4.531 S/m; $\varepsilon_r$ = 37.16; $\rho$ = 1000 kg/m$^3$

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(5.18, 5.18, 5.18); 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 CH64(5320MHz)/Area Scan (121x61x1):**

Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.712 W/kg

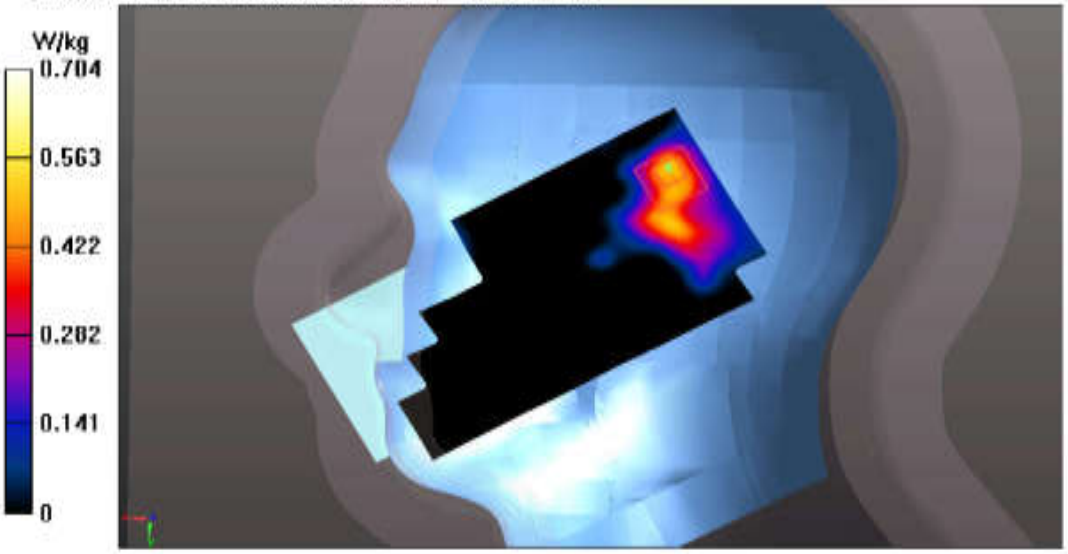
**Configuration/Head Touch Right CH64(5320MHz)/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 10.584 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.801 W/kg

**SAR(1 g) = 0.511 W/kg; SAR(10 g) = 0.166 W/kg**

Maximum value of SAR (measured) = 0.704 W/kg



**Test Laboratory: Audix SAR Lab** Date: 07/09/2019

**CH140(5700MHz Back)**

**EUT: COSMO M/N:COSMO COMMUNICATOR**

Communication System: UID 0, IEEE 802.11a WiFi 5.5GHz (0); Communication System Band: IEEE 802.11a WiFi 5.5GHz; Frequency: 5700 MHz;Communication System PAR: 0 dB

Medium parameters used: f = 5700 MHz; $\sigma$ = 6.07 S/m; $\varepsilon_r$ = 46; $\rho$ = 1000 kg/m$^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(4.39, 4.39, 4.39); 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/CH140(5700MHz Back)/Area Scan (61x81x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.169 W/kg

**Configuration/CH140(5700MHz Back)/Zoom Scan (7x7x7)/Cube 0:**

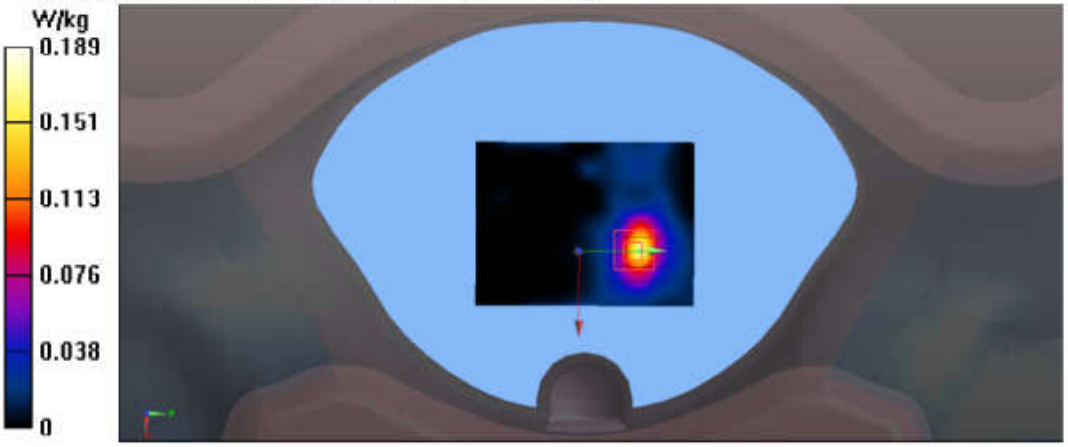
Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 0.9300 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.511 W/kg

**SAR(1 g) = 0.173 W/kg; SAR(10 g) = 0.064 W/kg**

Maximum value of SAR (measured) = 0.189 W/kg



**Test Laboratory: Audix SAR Lab** Date: 07/09/2019

**CH140(5700MHz Bottom)**

**EUT: COSMO M/N:COSMO COMMUNICATOR**

Communication System: UID 0, IEEE 802.11a WiFi 5.5GHz (0); Communication System Band: IEEE 802.11a WiFi 5.5GHz; Frequency: 5700 MHz;Communication System PAR: 0 dB

Medium parameters used: f = 5700 MHz; $\sigma$ = 6.07 S/m; $\varepsilon_r$ = 46; $\rho$ = 1000 kg/m$^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(4.39, 4.39, 4.39); 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/CH140(5700MHz Bottom)/Area Scan (61x81x1):** Interpolated dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.179 W/kg

**Configuration/CH140(5700MHz Bottom)/Zoom Scan (7x7x7)/Cube 0:**

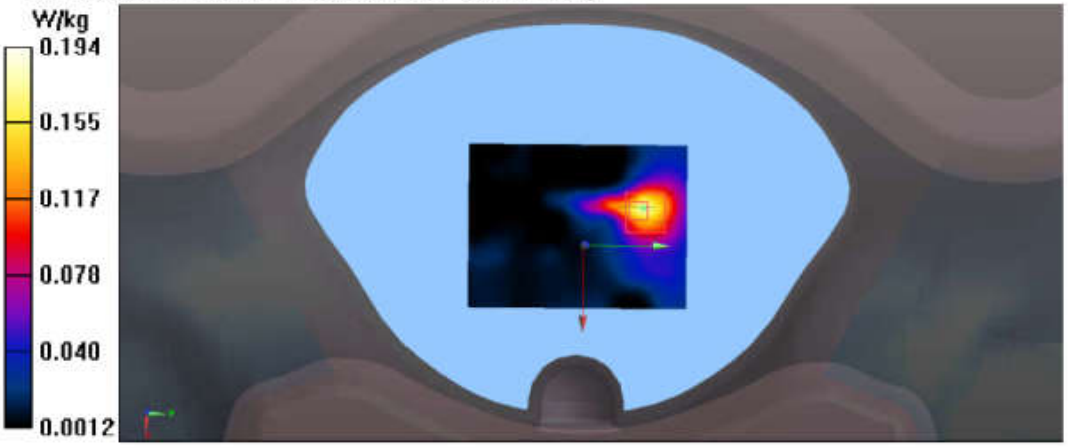
Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 2.403 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.478 W/kg

**SAR(1 g) = 0.164 W/kg; SAR(10 g) = 0.066 W/kg**

Maximum value of SAR (measured) = 0.194 W/kg



**Test Laboratory: Audix SAR Lab** Date: 07/09/2019

**CH140(5700MHz Front)**

**EUT: COSMO M/N:COSMO COMMUNICATOR**

Communication System: UID 0, IEEE 802.11a WiFi 5.5GHz (0); Communication System Band: IEEE 802.11a WiFi 5.5GHz; Frequency: 5700 MHz;Communication System PAR: 0 dB

Medium parameters used: f = 5700 MHz; $\sigma$ = 6.07 S/m; $\varepsilon_r$ = 46; $\rho$ = 1000 kg/m$^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(4.39, 4.39, 4.39); 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/CH140(5700MHz Front)/Area Scan (61x81x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.791 W/kg

**Configuration/CH140(5700MHz Front)/Zoom Scan (7x7x7)/Cube 0:**

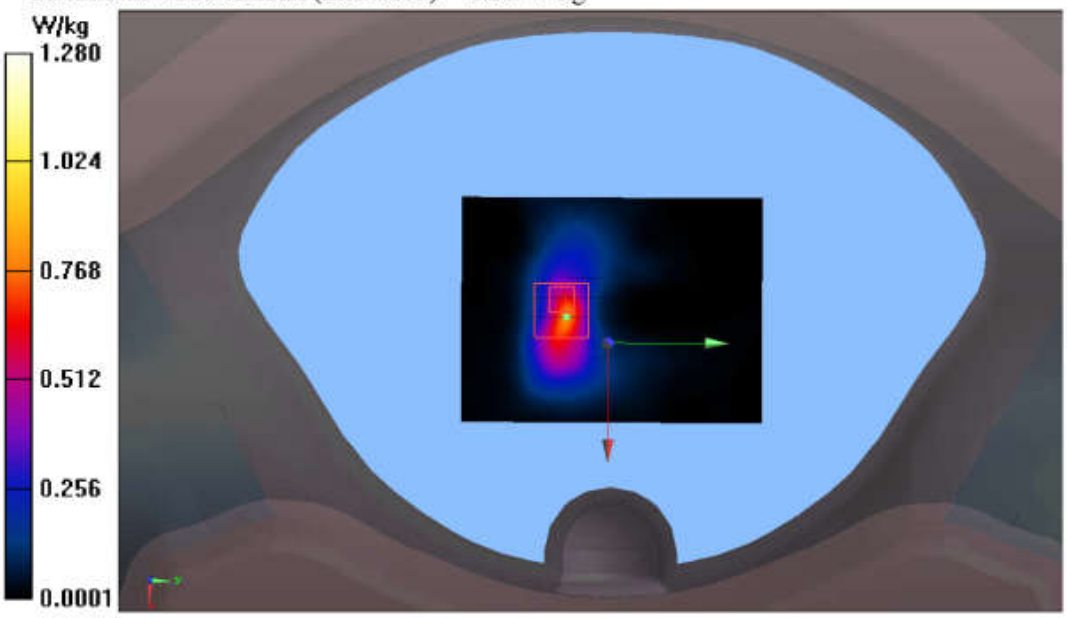
Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 3.152 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.81 W/kg

**SAR(1 g) = 0.726 W/kg; SAR(10 g) = 0.297 W/kg**

Maximum value of SAR (measured) = 1.28 W/kg



**Test Laboratory: Audix SAR Lab** Date: 07/09/2019

**CH140(5700MHz Left)**

**EUT: COSMO M/N:COSMO COMMUNICATOR**

Communication System: UID 0, IEEE 802.11a WiFi 5.5GHz (0); Communication System Band: IEEE 802.11a WiFi 5.5GHz; Frequency: 5700 MHz;Communication System PAR: 0 dB

Medium parameters used: f = 5700 MHz; $\sigma$ = 6.07 S/m; $\varepsilon_r$ = 46; $\rho$ = 1000 kg/m$^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(4.39, 4.39, 4.39); 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/CH140(5700MHz Left)/Area Scan (61x81x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.30 W/kg

**Configuration/CH140(5700MHz Left)/Zoom Scan (7x7x7)/Cube 0:**

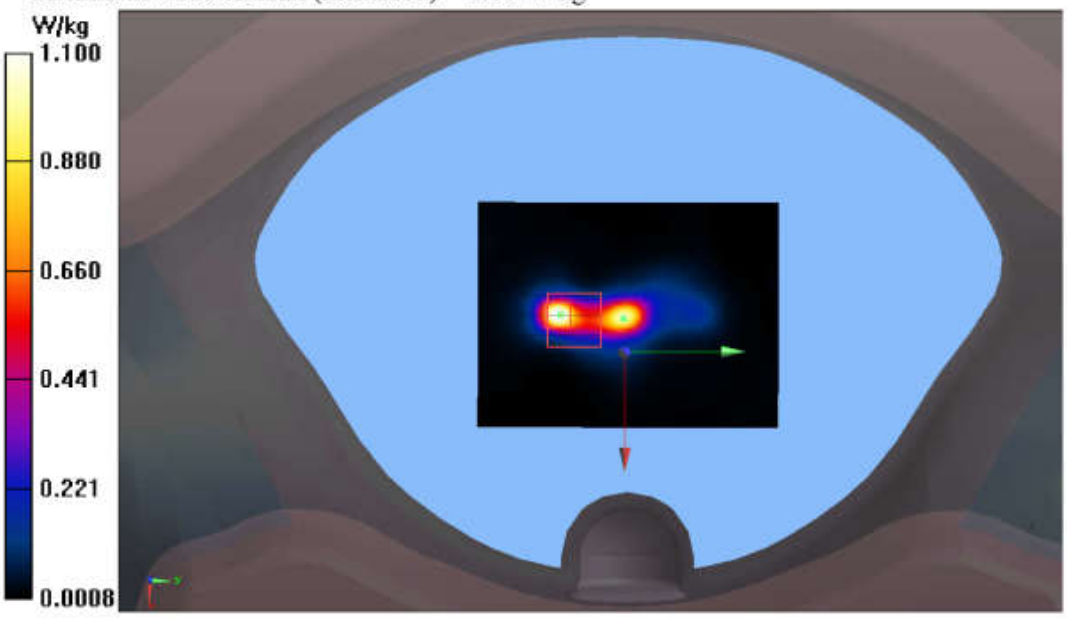
Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 9.963 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.11 W/kg

**SAR(1 g) = 0.670 W/kg; SAR(10 g) = 0.206 W/kg**

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



**Test Laboratory: Audix SAR Lab** Date: 07/09/2019

**CH140(5700MHz Top)**

**EUT: COSMO M/N:COSMO COMMUNICATOR**

Communication System: UID 0, IEEE 802.11a WiFi 5.5GHz (0); Communication System Band: IEEE 802.11a WiFi 5.5GHz; Frequency: 5700 MHz;Communication System PAR: 0 dB

Medium parameters used: f = 5700 MHz; $\sigma$ = 6.07 S/m; $\varepsilon_r$ = 46; $\rho$ = 1000 kg/m$^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(4.39, 4.39, 4.39); 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/CH140(5700MHz Top)/Area Scan (61x81x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0984 W/kg

**Configuration/CH140(5700MHz Top)/Zoom Scan (7x7x7)/Cube 0:**

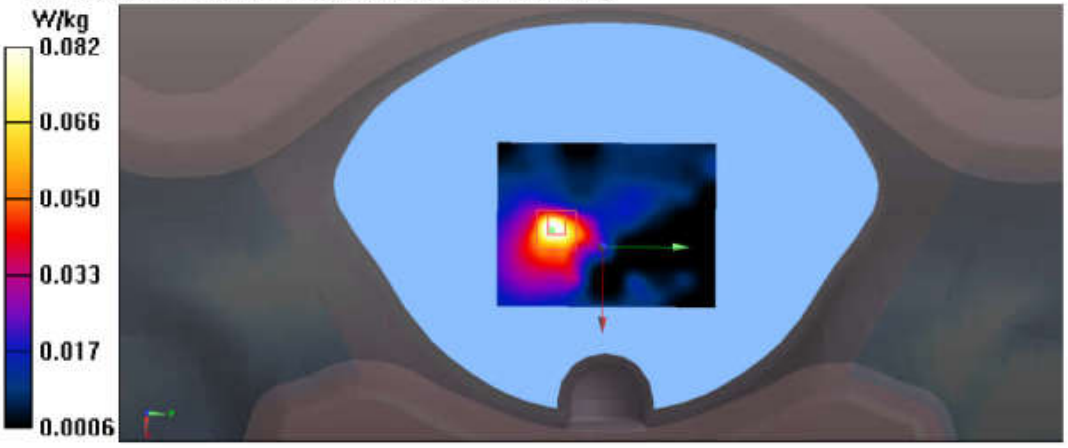
Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 1.866 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.257 W/kg

**SAR(1 g) = 0.081 W/kg; SAR(10 g) = 0.031 W/kg**

Maximum value of SAR (measured) = 0.0822 W/kg



**Test Laboratory: Audix SAR Lab** Date: 07/09/2019

**Head 15 Degree Left CH140(5700MHz)**

**EUT: COSMO M/N:COSMO COMMUNICATOR**

Communication System: UID 0, IEEE 802.11a WiFi 5.5GHz (0); Communication System Band: IEEE 802.11a WiFi 5.5GHz; Frequency: 5700 MHz;Communication System PAR: 0 dB

Medium parameters used: f = 5700 MHz; $\sigma$ = 5.12 S/m; $\varepsilon_r$ = 34.54; $\rho$ = 1000 kg/m$^3$

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(4.76, 4.76, 4.76); 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 CH140(5700MHz)/Area Scan (121x61x1):**

Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.617 W/kg

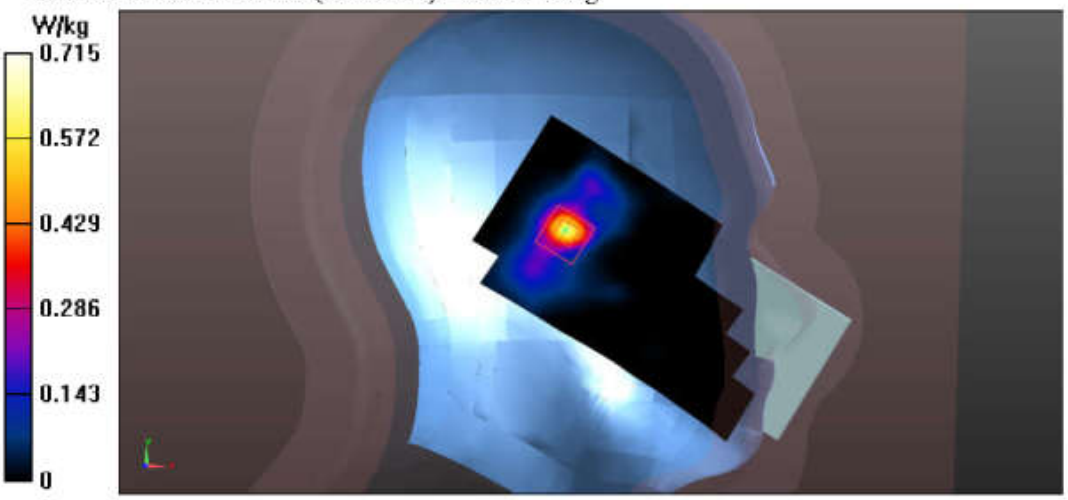
**Configuration/Head 15 Degree Left CH140(5700MHz)/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 10.59 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 1.68 W/kg

**SAR(1 g) = 0.552 W/kg; SAR(10 g) = 0.178 W/kg**

Maximum value of SAR (measured) = 0.715 W/kg



**Test Laboratory: Audix SAR Lab** Date: 07/09/2019

**Head 15 Degree Right CH140(5700MHz)**

EUT: COSMO M/N:COSMO COMMUNICATOR

Communication System: UID 0, IEEE 802.11a WiFi 5.5GHz (0); Communication System Band: IEEE 802.11a WiFi 5.5GHz; Frequency: 5700 MHz;Communication System PAR: 0 dB

Medium parameters used: f = 5700 MHz; $\sigma$ = 5.12 S/m; $\varepsilon_r$ = 34.54; $\rho$ = 1000 kg/m$^3$

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(4.76, 4.76, 4.76); 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 CH140(5700MHz)/Area Scan (121x61x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.449 W/kg

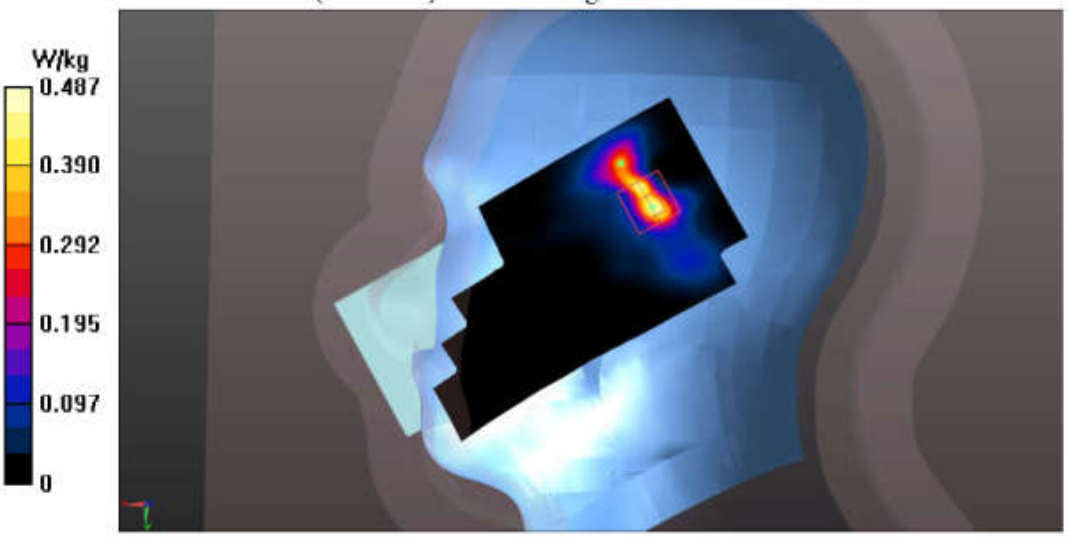
**Configuration/Head 15 Degree Right CH140(5700MHz)/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 6.89 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.496 W/kg

**SAR(1 g) = 0.295 W/kg; SAR(10 g) = 0.105 W/kg**

Maximum value of SAR (measured) = 0.487 W/kg



**Test Laboratory: Audix SAR Lab** Date: 07/09/2019

**Head 15 Degree Right CH140(5700MHz)-Right**

EUT: COSMO M/N:COSMO COMMUNICATOR

Communication System: UID 0, IEEE 802.11a WiFi 5.5GHz (0); Communication System Band: IEEE 802.11a WiFi 5.5GHz; Frequency: 5700 MHz;Communication System PAR: 0 dB

Medium parameters used: f = 5700 MHz; $\sigma$ = 5.12 S/m; $\varepsilon_r$ = 34.54; $\rho$ = 1000 kg/m$^3$

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(4.76, 4.76, 4.76); 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 CH140(5700MHz)-Right/Area Scan (121x61x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.177 W/kg

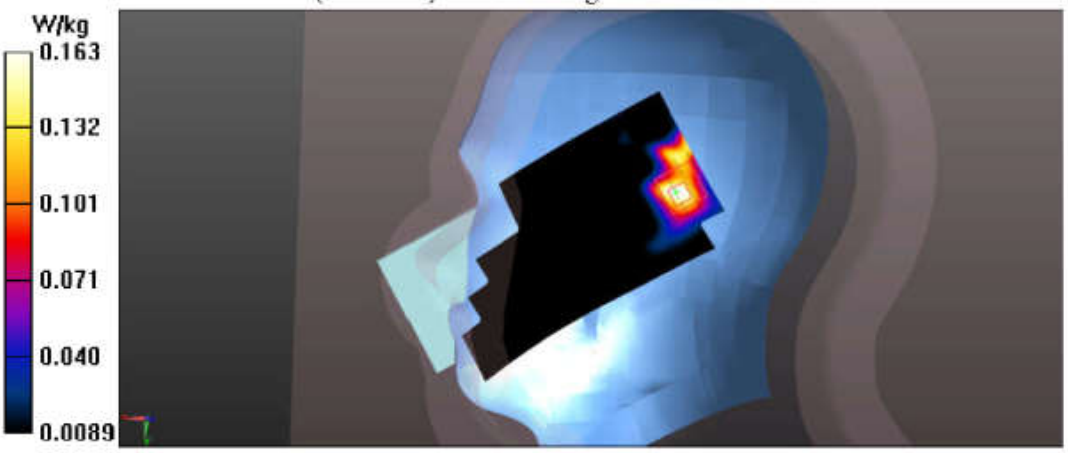
**Configuration/Head 15 Degree Right CH140(5700MHz)-Right/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 3.082 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.365 W/kg

**SAR(1 g) = 0.132 W/kg; SAR(10 g) = 0.060 W/kg**

Maximum value of SAR (measured) = 0.163 W/kg



**Test Laboratory: Audix SAR Lab** Date: 07/09/2019

**Head Touch Left CH140(5700MHz)**

EUT: COSMO M/N:COSMO COMMUNICATOR

Communication System: UID 0, IEEE 802.11a WiFi 5.5GHz (0); Communication System Band: IEEE 802.11a WiFi 5.5GHz; Frequency: 5700 MHz;Communication System PAR: 0 dB

Medium parameters used: f = 5700 MHz; $\sigma$ = 5.12 S/m; $\varepsilon_r$ = 34.54; $\rho$ = 1000 kg/m$^3$

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(4.76, 4.76, 4.76); 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 CH140(5700MHz)/Area Scan (121x61x1):**

Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

**Configuration/Head Touch Left CH140(5700MHz)/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 9.271 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 2.66 W/kg

**SAR(1 g) = 0.499 W/kg; SAR(10 g) = 0.162 W/kg**

Maximum value of SAR (measured) = 0.473 W/kg

**Test Laboratory: Audix SAR Lab** Date: 07/09/2019

**Head Touch Left CH140(5700MHz)-Right**

**EUT: COSMO M/N:COSMO COMMUNICATOR**

Communication System: UID 0, IEEE 802.11a WiFi 5.5GHz (0); Communication System Band: IEEE 802.11a WiFi 5.5GHz; Frequency: 5700 MHz;Communication System PAR: 0 dB

Medium parameters used: f = 5700 MHz; $\sigma$ = 5.12 S/m; $\varepsilon_r$ = 34.54; $\rho$ = 1000 kg/m$^3$

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(4.76, 4.76, 4.76); 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 CH140(5700MHz)-Right/Area Scan (121x61x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.205 W/kg

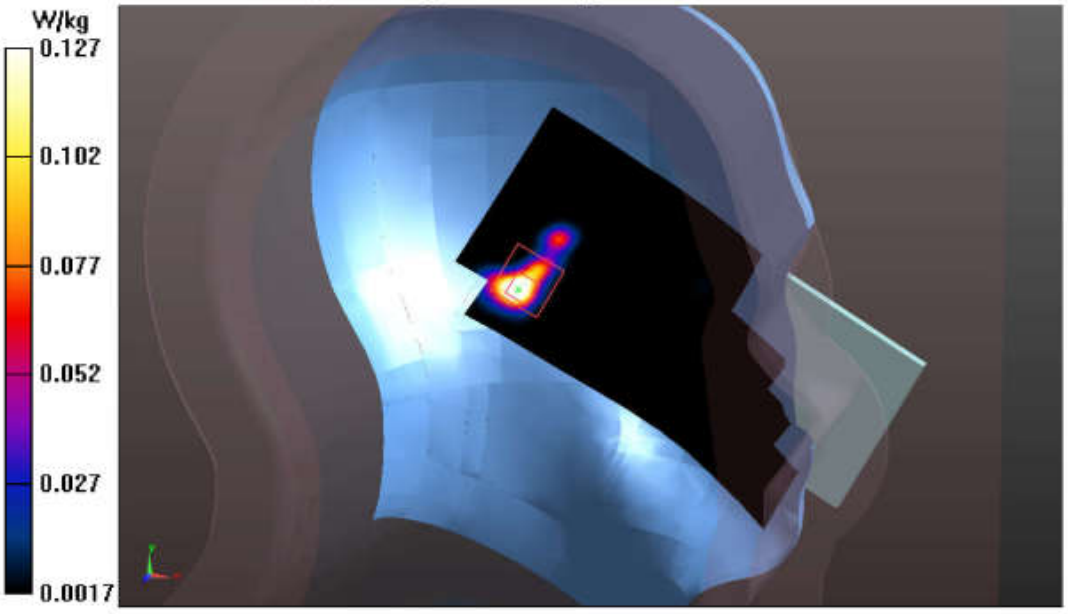
**Configuration/Head Touch Left CH140(5700MHz)-Right/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 3.978 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.292 W/kg

**SAR(1 g) = 0.105 W/kg; SAR(10 g) = 0.045 W/kg**

Maximum value of SAR (measured) = 0.127 W/kg



**Test Laboratory: Audix SAR Lab** Date: 07/09/2019

**Head Touch Right CH140(5700MHz)**

EUT: COSMO M/N:COSMO COMMUNICATOR

Communication System: UID 0, IEEE 802.11a WiFi 5.5GHz (0); Communication System Band: IEEE 802.11a WiFi 5.5GHz; Frequency: 5700 MHz;Communication System PAR: 0 dB

Medium parameters used: f = 5700 MHz; $\sigma$ = 5.12 S/m; $\varepsilon_r$ = 34.54; $\rho$ = 1000 kg/m$^3$

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(4.76, 4.76, 4.76); 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 CH140(5700MHz)/Area Scan (121x61x1):**

Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.354 W/kg

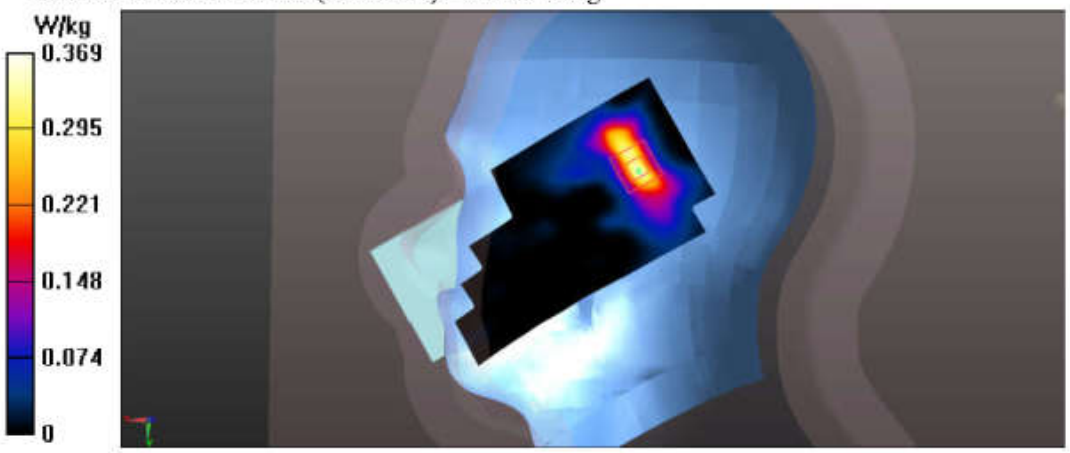
**Configuration/Head Touch Right CH140(5700MHz)/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 8.356 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.902 W/kg

**SAR(1 g) = 0.296 W/kg; SAR(10 g) = 0.107 W/kg**

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



**Test Laboratory: Audix SAR Lab** Date: 07/09/2019

**Head Touch Right CH140(5700MHz)-Right**

**EUT: COSMO M/N:COSMO COMMUNICATOR**

Communication System: UID 0, IEEE 802.11a WiFi 5.5GHz (0); Communication System Band: IEEE 802.11a WiFi 5.5GHz; Frequency: 5700 MHz;Communication System PAR: 0 dB

Medium parameters used: f = 5700 MHz; $\sigma$ = 5.12 S/m; $\varepsilon_r$ = 34.54; $\rho$ = 1000 kg/m$^3$

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(4.76, 4.76, 4.76); 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 CH140(5700MHz)-Right/Area Scan (121x61x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.149 W/kg

**Configuration/Head Touch Right CH140(5700MHz)-Right/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 4.812 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.341 W/kg

**SAR(1 g) = 0.128 W/kg; SAR(10 g) = 0.056 W/kg**

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