

## P01 802.11b\_inside of goggles\_Ch1

### DUT: EUT

Communication System: 802.11b; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: H2450 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.749$  S/m;  $\epsilon_r = 39.336$ ;  $\rho = 1000$  kg/m<sup>3</sup>

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7506; ConvF(7.98, 7.98, 7.98) @ 2412 MHz; Calibrated: 2023/6/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1557; Calibrated: 2023/7/6
- Phantom: SAM 1; Type: QD 000 P40 CB; Serial: 1961
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

- **Area Scan (71x101x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 0.283 W/kg

- **Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.939 V/m; Power Drift = -0.13 dB

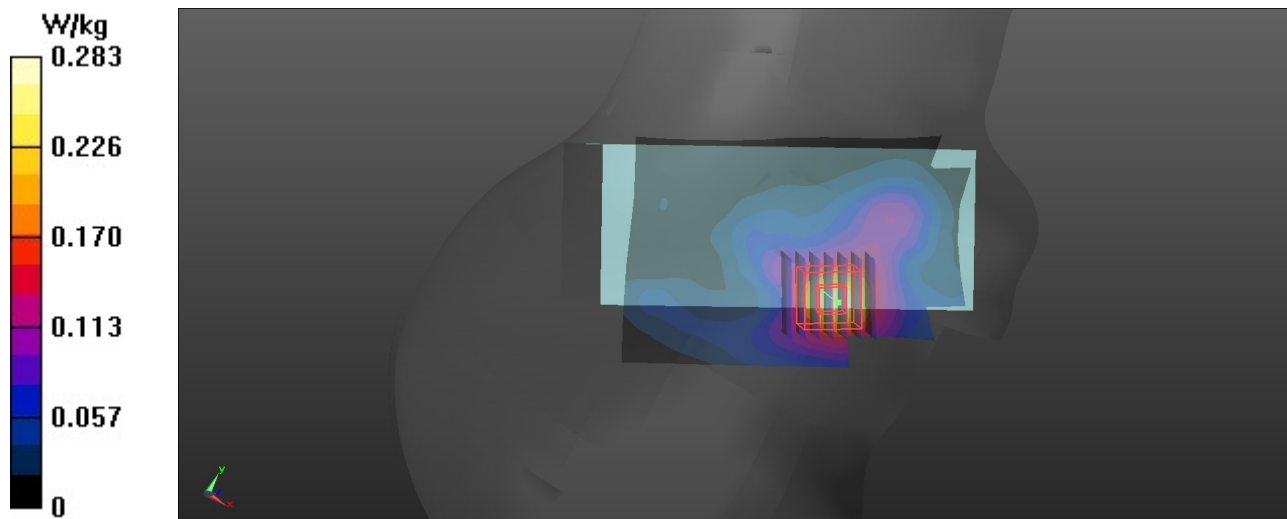
Peak SAR (extrapolated) = 0.413 W/kg

**SAR(1 g) = 0.207 W/kg; SAR(10 g) = 0.106 W/kg**

Smallest distance from peaks to all points 3 dB below = 11.6 mm

Ratio of SAR at M2 to SAR at M1 = 51.8%

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



## P02 802.11n\_HT20\_inside of goggles\_Ch36

### DUT: EUT

Communication System: 802.11n; Frequency: 5180 MHz; Duty Cycle: 1:1

Medium: H5G Medium parameters used:  $f = 5180$  MHz;  $\sigma = 4.664$  S/m;  $\epsilon_r = 36.396$ ;  $\rho = 1000$  kg/m<sup>3</sup>

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7506; ConvF(5.48, 5.48, 5.48) @ 5180 MHz; Calibrated: 2023/6/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1557; Calibrated: 2023/7/6
- Phantom: SAM 1; Type: QD 000 P40 CB; Serial: 1961
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

- **Area Scan (91x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.540 W/kg

- **Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 0.851 V/m; Power Drift = 0.00 dB

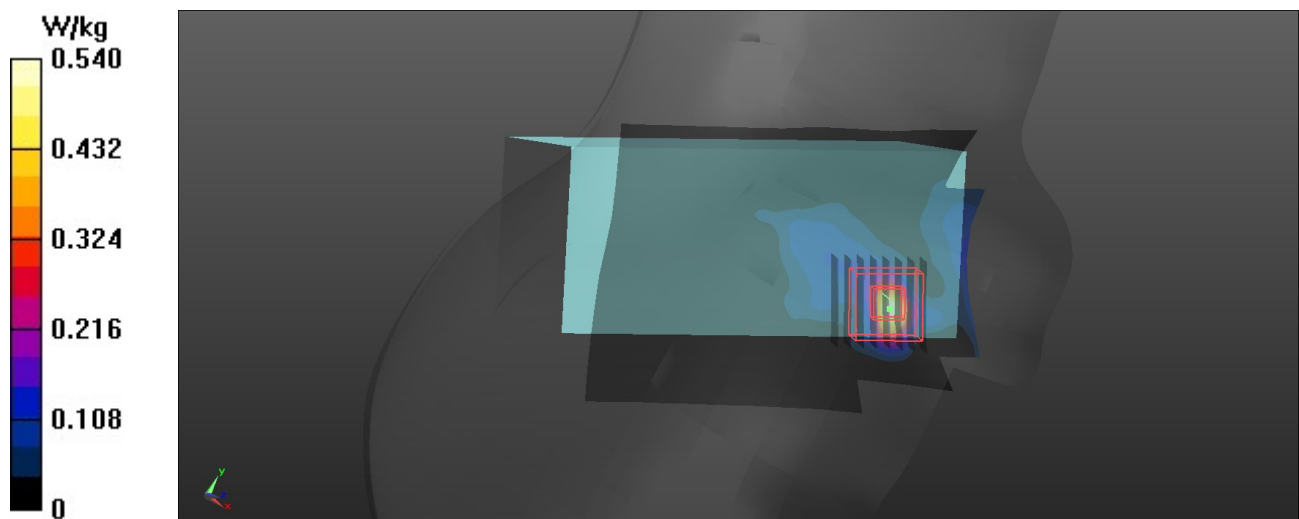
Peak SAR (extrapolated) = 0.784 W/kg

**SAR(1 g) = 0.188 W/kg; SAR(10 g) = 0.050 W/kg**

Smallest distance from peaks to all points 3 dB below = 5.6 mm

Ratio of SAR at M2 to SAR at M1 = 64.8%

Maximum value of SAR (measured) = 0.484 W/kg



## P03 802.11n\_HT20\_inside of goggles\_Ch165

### DUT: EUT

Communication System: 802.11n; Frequency: 5825 MHz; Duty Cycle: 1:1

Medium: H5G Medium parameters used:  $f = 5825$  MHz;  $\sigma = 5.33$  S/m;  $\epsilon_r = 35.467$ ;  $\rho = 1000$  kg/m<sup>3</sup>

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7506; ConvF(4.95, 4.95, 4.95) @ 5825 MHz; Calibrated: 2023/6/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1557; Calibrated: 2023/7/6
- Phantom: SAM 1; Type: QD 000 P40 CB; Serial: 1961
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

- **Area Scan (91x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.209 W/kg

- **Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 0.4910 V/m; Power Drift = -0.01 dB

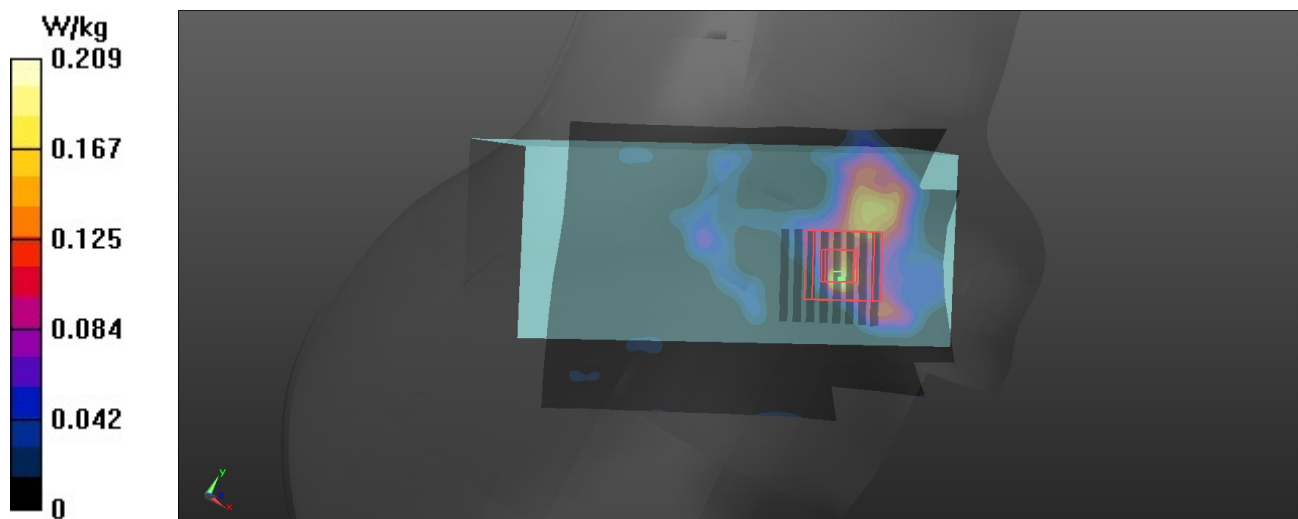
Peak SAR (extrapolated) = 0.436 W/kg

**SAR(1 g) = 0.057 W/kg; SAR(10 g) = 0.016 W/kg**

Smallest distance from peaks to all points 3 dB below = 4.9 mm

Ratio of SAR at M2 to SAR at M1 = 58.1%

Maximum value of SAR (measured) = 0.195 W/kg



### P04 SDR-2.4G\_20M\_inside of goggles\_Ch Mid\_Antenna 3

#### DUT: EUT

Communication System: SDR; Frequency: 2437.5 MHz; Duty Cycle: 1:1

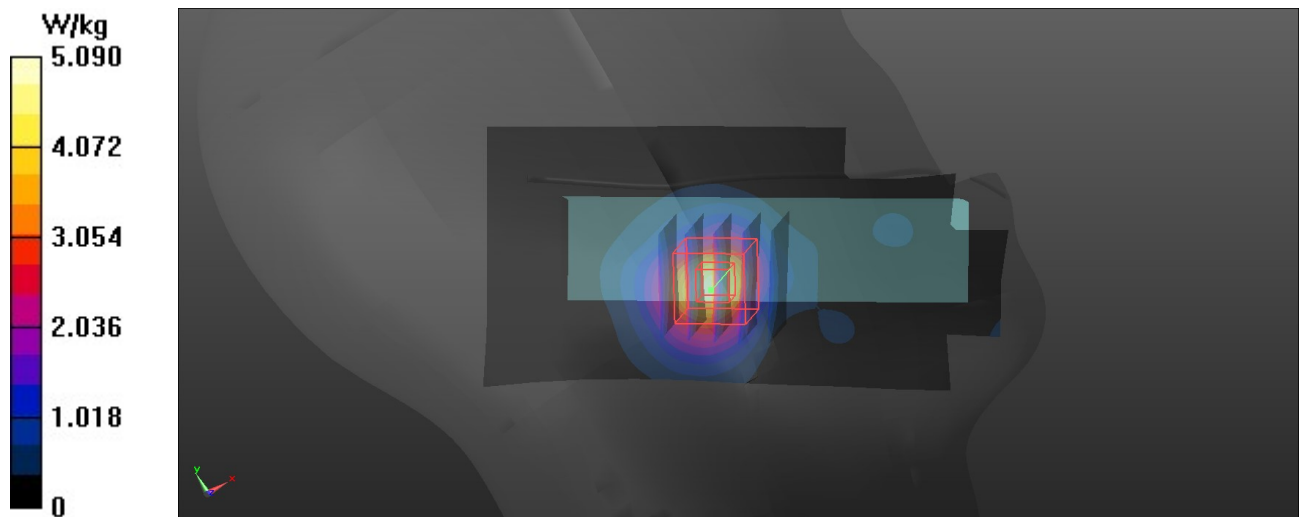
Medium: H2450 Medium parameters used:  $f = 2437.5$  MHz;  $\sigma = 1.776$  S/m;  $\epsilon_r = 39.234$ ;  $\rho = 1000$  kg/m<sup>3</sup>

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7506; ConvF(7.98, 7.98, 7.98) @ 2437.5 MHz; Calibrated: 2023/6/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1557; Calibrated: 2023/7/6
- Phantom: SAM 1; Type: QD 000 P40 CB; Serial: 1961
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

- **Area Scan (51x111x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 5.09 W/kg

- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 4.652 V/m; Power Drift = -0.10 dB  
Peak SAR (extrapolated) = 5.46 W/kg  
**SAR(1 g) = 3.13 W/kg; SAR(10 g) = 1.63 W/kg**  
Smallest distance from peaks to all points 3 dB below = 12.6 mm  
Ratio of SAR at M2 to SAR at M1 = 60.8%  
Maximum value of SAR (measured) = 4.55 W/kg



### P05 SDR-5.1G\_40M\_inside of goggles\_Ch Mid\_Antenna 0\_Degree 60

#### DUT: EUT

Communication System: SDR; Frequency: 5200 MHz; Duty Cycle: 1:1

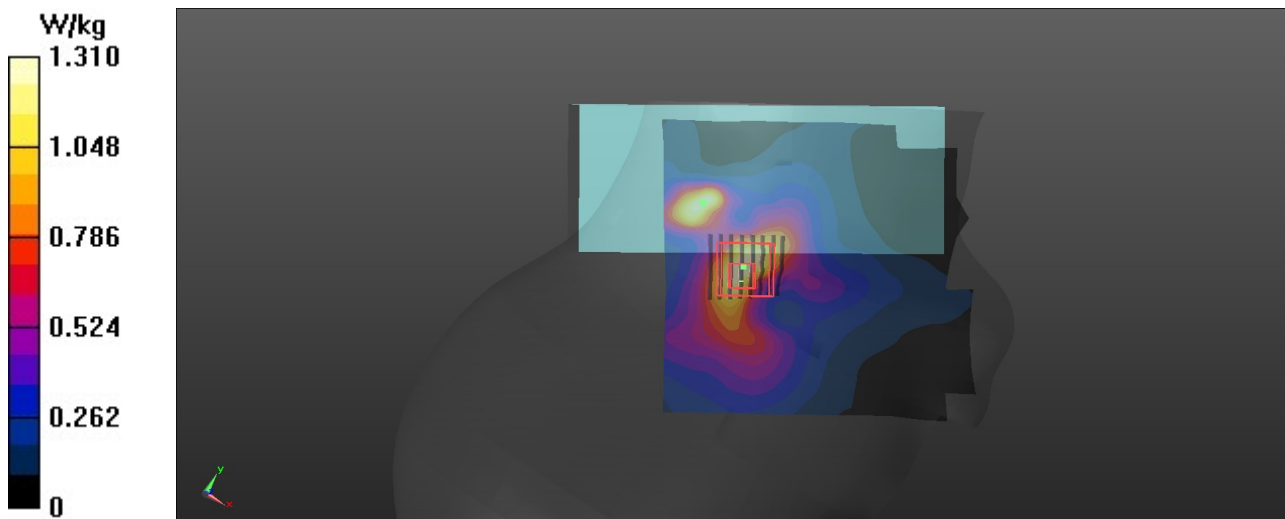
Medium: H5G Medium parameters used:  $f = 5200$  MHz;  $\sigma = 4.685$  S/m;  $\epsilon_r = 36.379$ ;  $\rho = 1000$  kg/m<sup>3</sup>

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7506; ConvF(5.48, 5.48, 5.48) @ 5200 MHz; Calibrated: 2023/6/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1557; Calibrated: 2023/7/6
- Phantom: SAM 1; Type: QD 000 P40 CB; Serial: 1961
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

- **Area Scan (121x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 1.31 W/kg

- **Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm  
Reference Value = 4.838 V/m; Power Drift = -0.04 dB  
Peak SAR (extrapolated) = 2.15 W/kg  
**SAR(1 g) = 0.691 W/kg; SAR(10 g) = 0.272 W/kg**  
Smallest distance from peaks to all points 3 dB below = 9.1 mm  
Ratio of SAR at M2 to SAR at M1 = 69.7%  
Maximum value of SAR (measured) = 1.43 W/kg



## P06 SDR-5.8G\_20M\_inside of goggles\_Ch Low\_Antenna 1\_Degree 60

### DUT: EUT

Communication System: SDR; Frequency: 5735.5 MHz; Duty Cycle: 1:1

Medium: H5G Medium parameters used:  $f = 5735.5$  MHz;  $\sigma = 5.24$  S/m;  $\epsilon_r = 35.587$ ;  $\rho = 1000$  kg/m<sup>3</sup>

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7506; ConvF(4.95, 4.95, 4.95) @ 5735.5 MHz; Calibrated: 2023/6/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1557; Calibrated: 2023/7/6
- Phantom: SAM 1; Type: QD 000 P40 CB; Serial: 1961
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

- **Area Scan (101x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 20.4 W/kg

- **Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 14.97 V/m; Power Drift = 0.04 dB

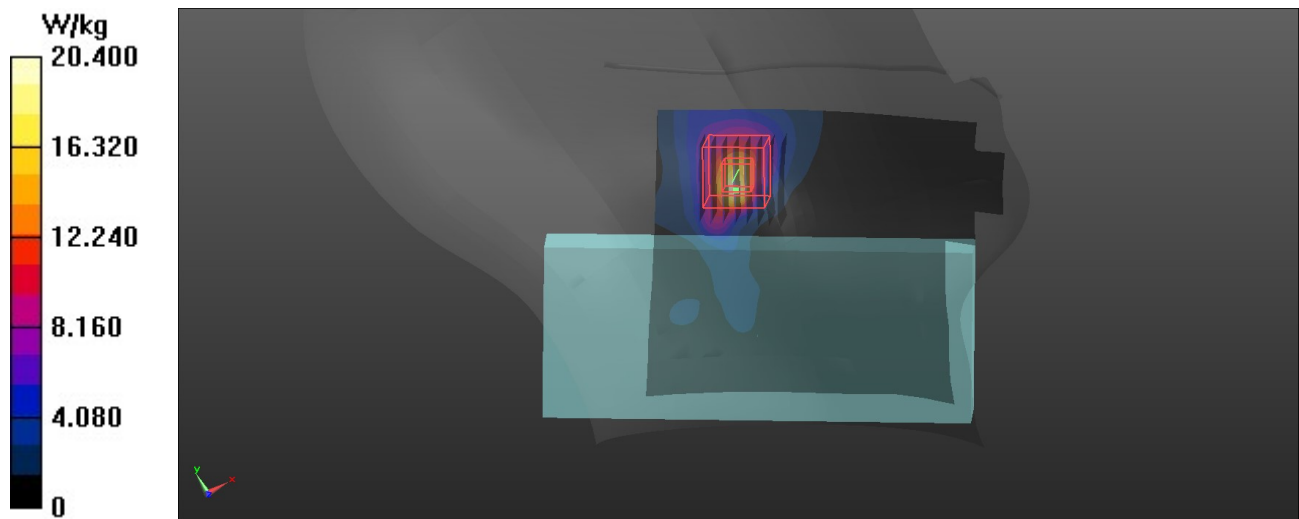
Peak SAR (extrapolated) = 30.4 W/kg

**SAR(1 g) = 7.82 W/kg; SAR(10 g) = 2.93 W/kg**

Smallest distance from peaks to all points 3 dB below = 9.2 mm

Ratio of SAR at M2 to SAR at M1 = 61.6%

Maximum value of SAR (measured) = 17.4 W/kg



## P07 BLE\_1M\_inside of goggles\_Ch19

### DUT: EUT

Communication System: BT; Frequency: 2440 MHz; Duty Cycle: 1:1

Medium: H2450 Medium parameters used:  $f = 2440$  MHz;  $\sigma = 1.779$  S/m;  $\epsilon_r = 39.224$ ;  $\rho = 1000$  kg/m<sup>3</sup>

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7506; ConvF(7.98, 7.98, 7.98) @ 2440 MHz; Calibrated: 2023/6/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1557; Calibrated: 2023/7/6
- Phantom: SAM 1; Type: QD 000 P40 CB; Serial: 1961
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

- **Area Scan (71x101x1):** Interpolated grid:  $dx=1.200$  mm,  $dy=1.200$  mm  
Maximum value of SAR (interpolated) = 0.0110 W/kg

- **Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 0.9180 V/m; Power Drift = -0.00 dB

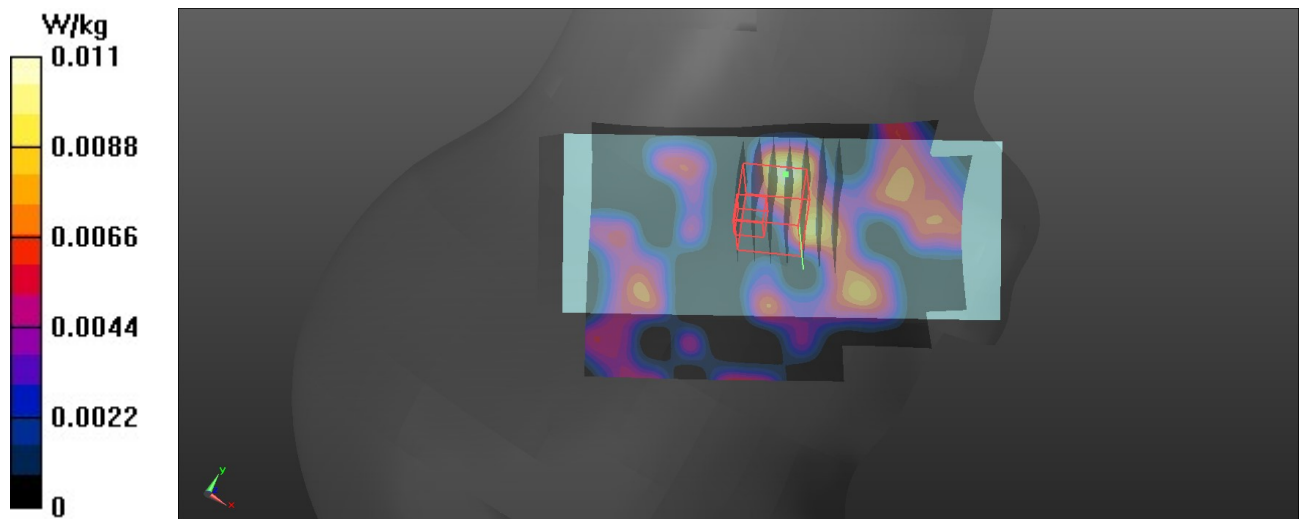
Peak SAR (extrapolated) = 0.00184 W/kg

**SAR(1 g) = 1.34e-005 W/kg; SAR(10 g) = 7.64e-007 W/kg**

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 41.7%

Maximum value of SAR (measured) = 0.00307 W/kg



## P08 GFSK\_2M\_inside of goggles\_Ch Mid

### DUT: EUT

Communication System: GFSK; Frequency: 2438 MHz; Duty Cycle: 1:1

Medium: H2450 Medium parameters used:  $f = 2438$  MHz;  $\sigma = 1.776$  S/m;  $\epsilon_r = 39.232$ ;  $\rho = 1000$  kg/m<sup>3</sup>

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7506; ConvF(7.98, 7.98, 7.98) @ 2438 MHz; Calibrated: 2023/6/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1557; Calibrated: 2023/7/6
- Phantom: SAM 1; Type: QD 000 P40 CB; Serial: 1961
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

- **Area Scan (71x101x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 0.163 W/kg

- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.453 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.212 W/kg

**SAR(1 g) = 0.113 W/kg; SAR(10 g) = 0.062 W/kg**

Smallest distance from peaks to all points 3 dB below = 14.8 mm

Ratio of SAR at M2 to SAR at M1 = 53.6%

Maximum value of SAR (measured) = 0.168 W/kg

