

## System Check\_Head\_5600MHz

### DUT: D5GHzV2-SN:1113

Communication System: UID 0, CW; Frequency: 5600 MHz; Duty Cycle: 1:1

Medium: HSL\_5600\_210906 Medium parameters used:  $f = 5600$  MHz;  $\sigma = 5.155$  S/m;  $\epsilon_r = 35.916$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.7 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7576; ConvF(4.6, 4.6, 4.6); Calibrated: 2021/4/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1664; Calibrated: 2021/3/1
- Phantom: Twin-SAM V8.0 (Left); Type: QD 000 P41 AA; Serial: 2035
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Pin=100mW/Area Scan (71x71x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 20.5 W/kg

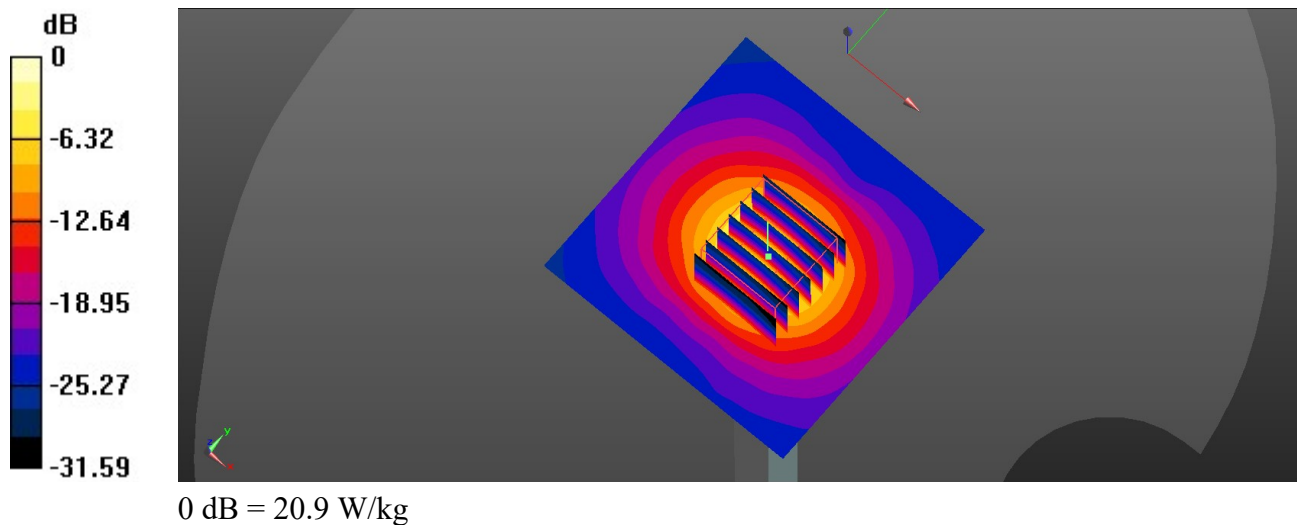
**Pin=100mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 69.77 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 37.1 W/kg

**SAR(1 g) = 7.98 W/kg; SAR(10 g) = 2.19 W/kg**

Maximum value of SAR (measured) = 20.9 W/kg



## System Check\_Head\_5600MHz

### DUT: D5GHzV2-SN:1145

Communication System: UID 0, CW; Frequency: 5600 MHz; Duty Cycle: 1:1

Medium: HSL\_5600\_210924 Medium parameters used:  $f = 5600$  MHz;  $\sigma = 5.188$  S/m;  $\epsilon_r = 36.135$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.8 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7576; ConvF(4.6, 4.6, 4.6); Calibrated: 2021/4/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1664; Calibrated: 2021/3/1
- Phantom: Twin-SAM V8.0 (Left); Type: QD 000 P41 AA; Serial: 2035
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Pin=100mW/Area Scan (71x71x1):** Interpolated grid:  $dx=1.000$  mm,  $dy=1.000$  mm

Maximum value of SAR (interpolated) = 20.6 W/kg

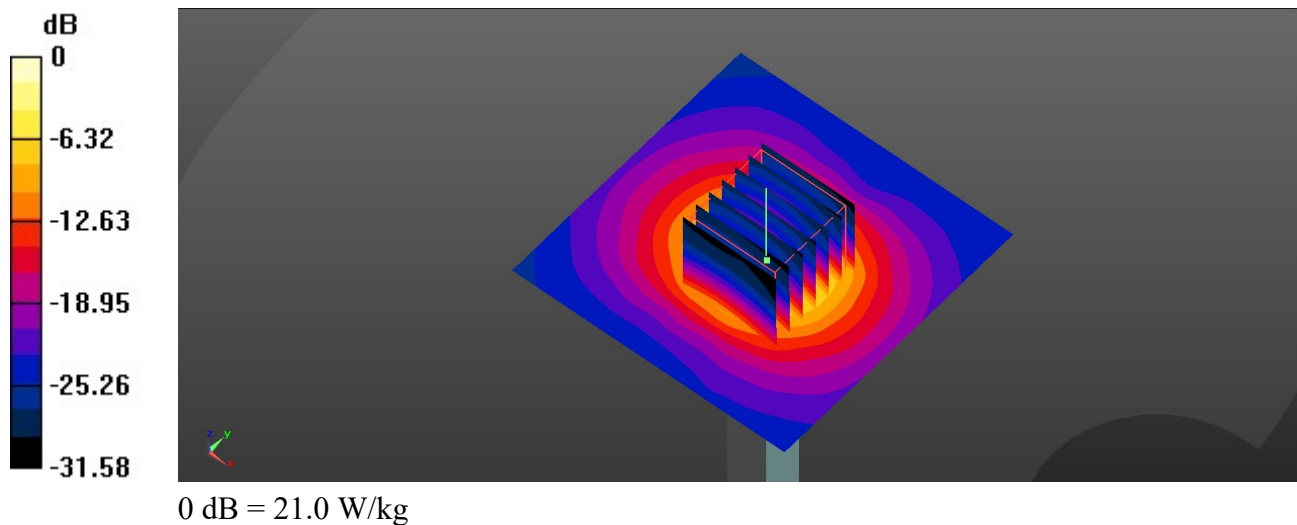
**Pin=100mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=1.4$ mm

Reference Value = 69.77 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 37.3 W/kg

**SAR(1 g) = 8.03 W/kg; SAR(10 g) = 2.2 W/kg**

Maximum value of SAR (measured) = 21.0 W/kg



## System Check\_Head\_5750MHz

### DUT: D5GHzV2-SN:1113

Communication System: UID 0, CW; Frequency: 5750 MHz; Duty Cycle: 1:1

Medium: HSL\_5750\_210906 Medium parameters used:  $f = 5750$  MHz;  $\sigma = 5.332$  S/m;  $\epsilon_r = 35.643$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.7 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7576; ConvF(4.75, 4.75, 4.75); Calibrated: 2021/4/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1664; Calibrated: 2021/3/1
- Phantom: Twin-SAM V8.0 (Left); Type: QD 000 P41 AA; Serial: 2035
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Pin=100mW/Area Scan (71x71x1):** Interpolated grid:  $dx=1.000$  mm,  $dy=1.000$  mm

Maximum value of SAR (interpolated) = 18.2 W/kg

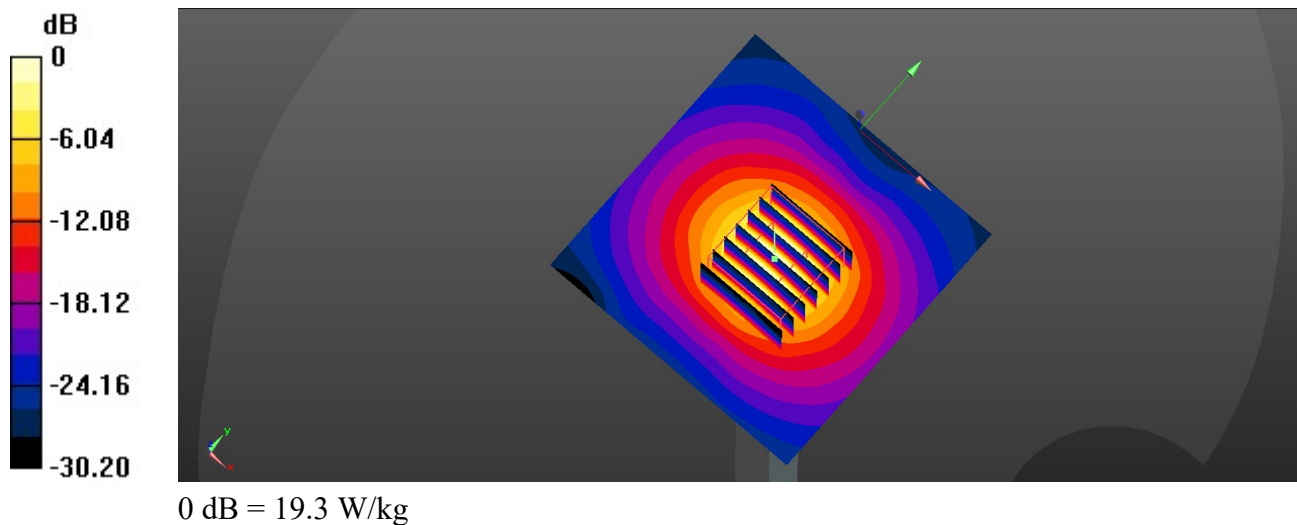
**Pin=100mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=1.4$ mm

Reference Value = 64.53 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 35.5 W/kg

**SAR(1 g) = 7.34 W/kg; SAR(10 g) = 2.23 W/kg**

Maximum value of SAR (measured) = 19.3 W/kg



## System Check\_Head\_5750MHz

### DUT: D5GHzV2-SN:1145

Communication System: UID 0, CW; Frequency: 5750 MHz; Duty Cycle: 1:1

Medium: HSL\_5750\_210926 Medium parameters used:  $f = 5750$  MHz;  $\sigma = 5.363$  S/m;  $\epsilon_r = 35.849$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.6 °C; Liquid Temperature : 22.6 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7576; ConvF(4.75, 4.75, 4.75); Calibrated: 2021/4/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1664; Calibrated: 2021/3/1
- Phantom: Twin-SAM V8.0 (Left); Type: QD 000 P41 AA; Serial: 2035
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Pin=100mW/Area Scan (71x71x1):** Interpolated grid:  $dx=1.000$  mm,  $dy=1.000$  mm

Maximum value of SAR (interpolated) = 18.3 W/kg

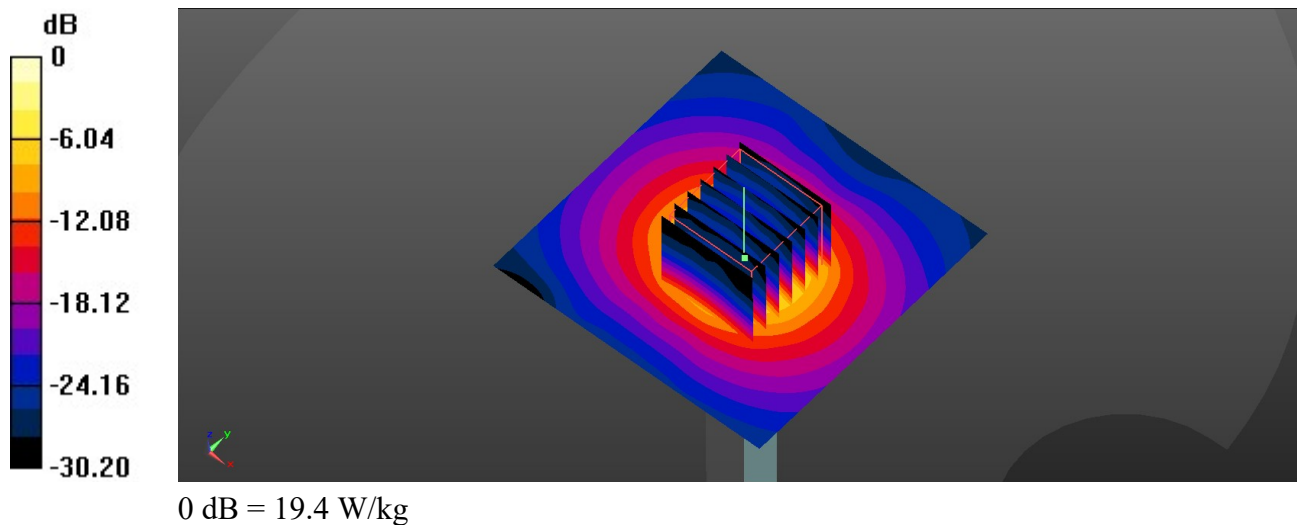
**Pin=100mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=1.4$ mm

Reference Value = 64.53 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 35.7 W/kg

**SAR(1 g) = 7.38 W/kg; SAR(10 g) = 2.34 W/kg**

Maximum value of SAR (measured) = 19.4 W/kg





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## ***Appendix B. Plots of High SAR Measurement***

The plots are shown as follows.

**01\_GSM850\_GPRS 2 Tx slots\_Right Cheek\_Ch189**

Communication System: UID 0, GPRS/EDGE10 (0); Frequency: 836.4 MHz; Duty Cycle: 1:4.15  
Medium: HSL\_835\_210901 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.928$  S/m;  $\epsilon_r = 42.659$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.5 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN7576; ConvF(10.19, 10.19, 10.19); Calibrated: 2021/4/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1664; Calibrated: 2021/3/1
- Phantom: Twin-SAM V8.0 (Left); Type: QD 000 P41 AA; Serial: 2035
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch189/Area Scan (71x121x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

Maximum value of SAR (interpolated) = 0.432 W/kg

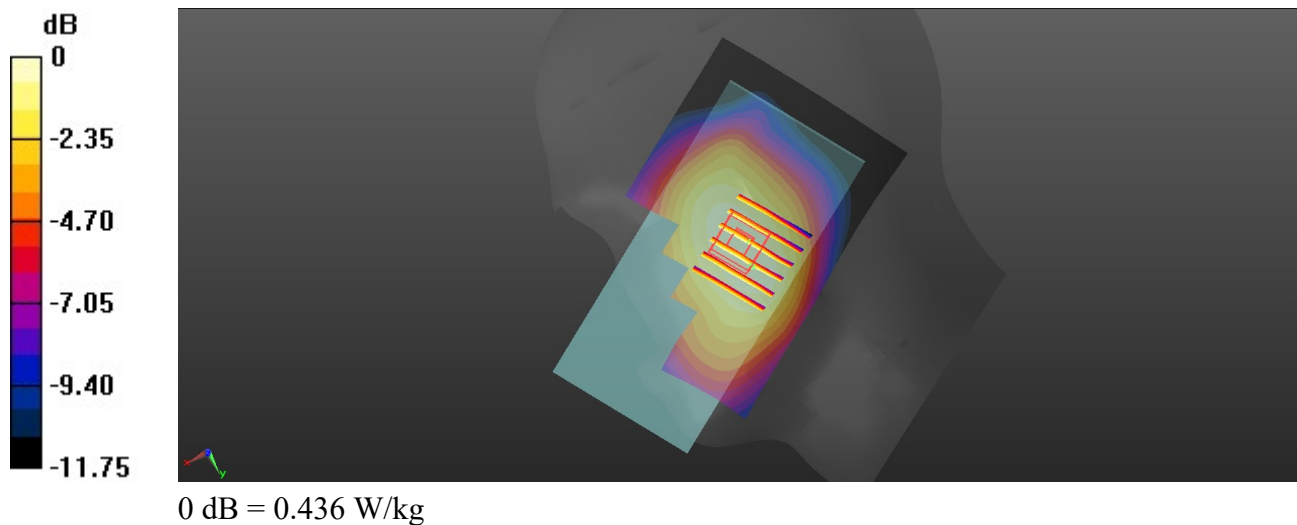
**Ch189/Zoom Scan (6x6x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 7.315 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.468 W/kg

**SAR(1 g) = 0.374 W/kg; SAR(10 g) = 0.292 W/kg**

Maximum value of SAR (measured) = 0.436 W/kg



## 02\_GSM1900\_GPRS 2 Tx slots\_Right Cheek\_Ch512

Communication System: UID 0, GPRS/EDGE10 (0); Frequency: 1850.2 MHz; Duty Cycle: 1:4.15  
Medium: HSL\_1900\_210902 Medium parameters used:  $f = 1850.2$  MHz;  $\sigma = 1.4$  S/m;  $\epsilon_r = 39.279$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.6 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN7576; ConvF(8.33, 8.33, 8.33); Calibrated: 2021/4/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1664; Calibrated: 2021/3/1
- Phantom: Twin-SAM V8.0 (Left); Type: QD 000 P41 AA; Serial: 2035
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch512/Area Scan (71x121x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

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

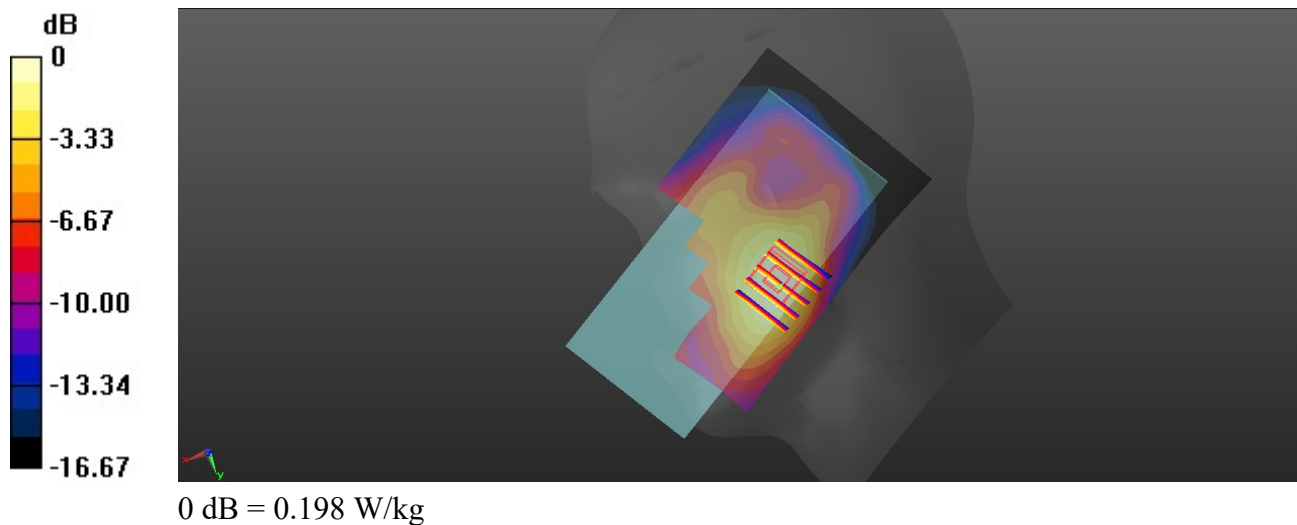
**Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 3.892 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.228 W/kg

**SAR(1 g) = 0.149 W/kg; SAR(10 g) = 0.094 W/kg**

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



### 03\_WCDMA V\_RMC 12.2Kbps\_Right Cheek\_Ch4182

Communication System: UID 0, UMTS (0); Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium: HSL\_835\_210901 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.928$  S/m;  $\epsilon_r = 42.659$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7576; ConvF(10.19, 10.19, 10.19); Calibrated: 2021/4/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1664; Calibrated: 2021/3/1
- Phantom: Twin-SAM V8.0 (Left); Type: QD 000 P41 AA; Serial: 2035
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch4182/Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.367 W/kg

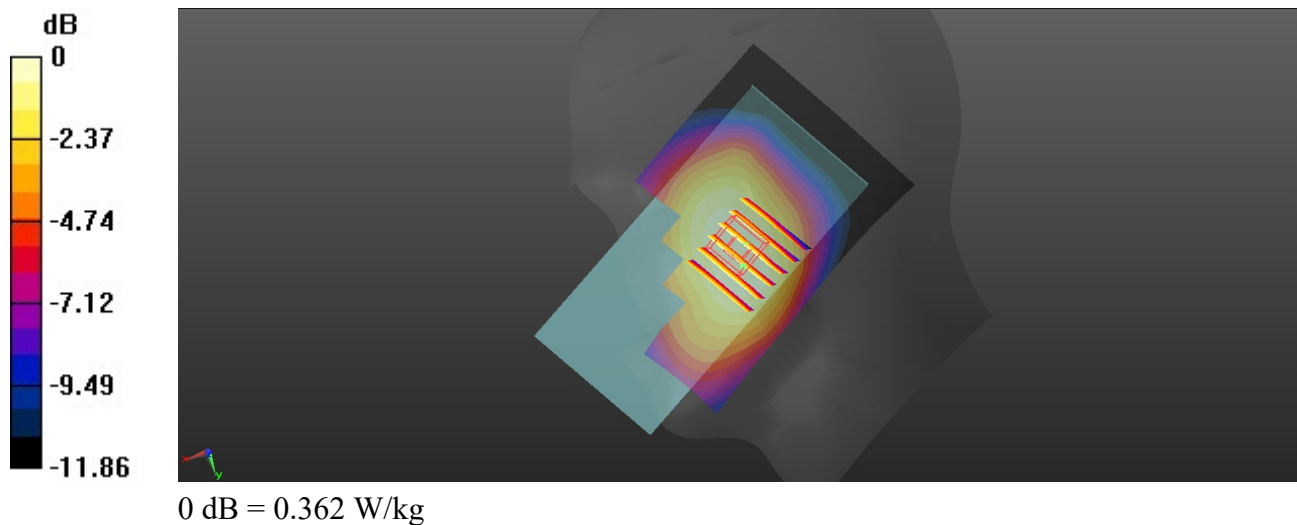
**Ch4182/Zoom Scan (6x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.353 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.392 W/kg

**SAR(1 g) = 0.312 W/kg; SAR(10 g) = 0.242 W/kg**

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



**05\_WCDMA II\_RMC 12.2Kbps\_Right Cheek\_Ch9262**

Communication System: UID 0, UMTS (0); Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: HSL\_1900\_210902 Medium parameters used:  $f = 1852.4$  MHz;  $\sigma = 1.402$  S/m;  $\epsilon_r = 39.269$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7576; ConvF(8.33, 8.33, 8.33); Calibrated: 2021/4/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1664; Calibrated: 2021/3/1
- Phantom: Twin-SAM V8.0 (Left); Type: QD 000 P41 AA; Serial: 2035
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch9262/Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.239 W/kg

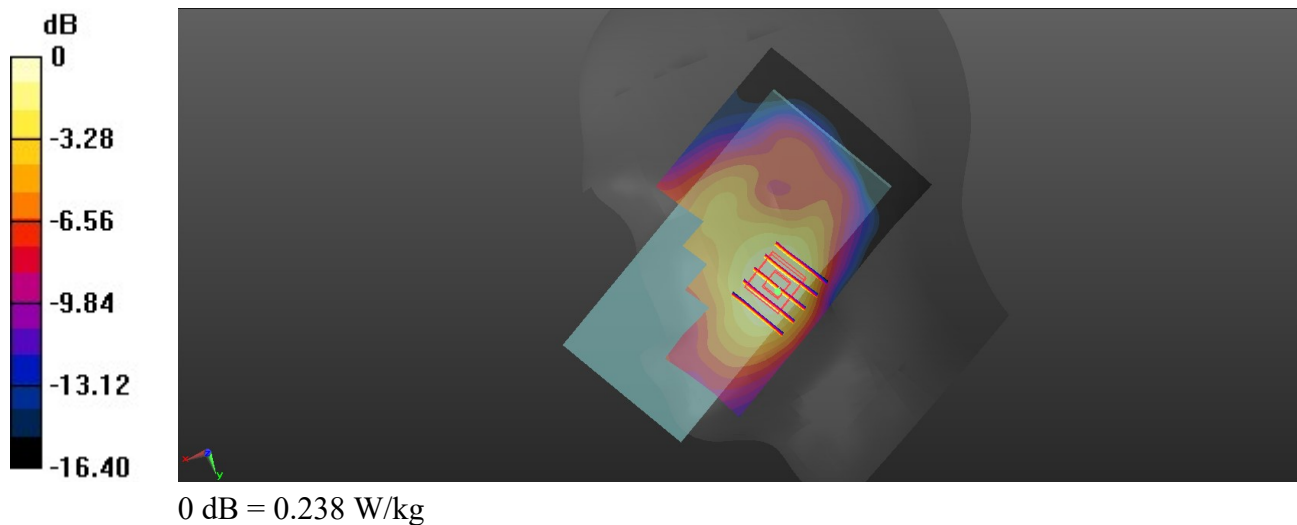
**Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.593 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.275 W/kg

**SAR(1 g) = 0.177 W/kg; SAR(10 g) = 0.112 W/kg**

Maximum value of SAR (measured) = 0.238 W/kg



**06\_LTE Band 12\_10M\_QPSK\_1RB\_0Offset\_Right Cheek\_Ch23095**

Communication System: UID 0, LTE (0); Frequency: 707.5 MHz; Duty Cycle: 1:1

Medium: HSL\_750\_210831 Medium parameters used:  $f = 707.5$  MHz;  $\sigma = 0.864$  S/m;  $\epsilon_r = 42.44$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7576; ConvF(10.47, 10.47, 10.47); Calibrated: 2021/4/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1664; Calibrated: 2021/3/1
- Phantom: Twin-SAM V8.0 (Left); Type: QD 000 P41 AA; Serial: 2035
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch23095/Area Scan (71x121x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

Maximum value of SAR (interpolated) = 0.254 W/kg

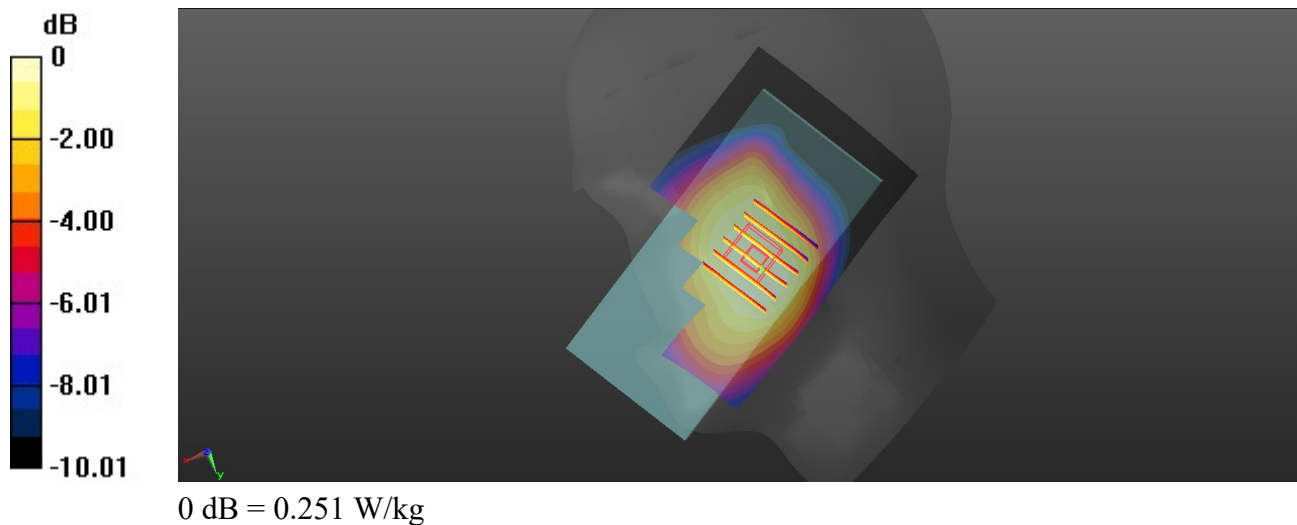
**Ch23095/Zoom Scan (6x6x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 4.773 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.263 W/kg

**SAR(1 g) = 0.223 W/kg; SAR(10 g) = 0.182 W/kg**

Maximum value of SAR (measured) = 0.251 W/kg



**07\_LTE Band 13\_10M\_QPSK\_1RB\_0Offset\_Right Cheek\_Ch23230**

Communication System: UID 0, LTE (0); Frequency: 782 MHz; Duty Cycle: 1:1

Medium: HSL\_750\_210831 Medium parameters used:  $f = 782 \text{ MHz}$ ;  $\sigma = 0.904 \text{ S/m}$ ;  $\epsilon_r = 40.826$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7576; ConvF(10.47, 10.47, 10.47); Calibrated: 2021/4/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1664; Calibrated: 2021/3/1
- Phantom: Twin-SAM V8.0 (Left); Type: QD 000 P41 AA; Serial: 2035
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch23230/Area Scan (71x121x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.222 W/kg

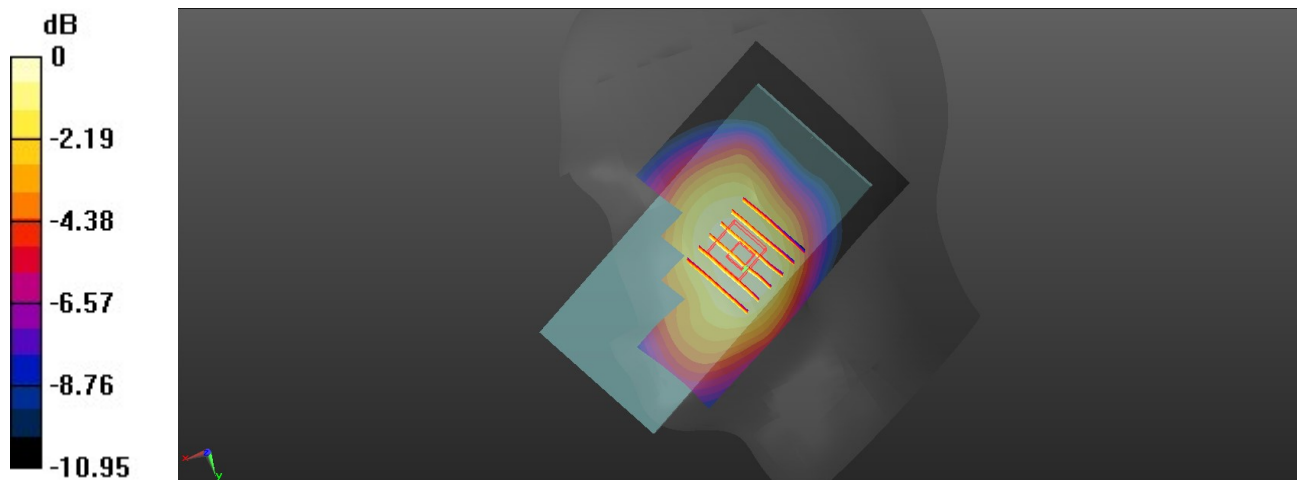
**Ch23230/Zoom Scan (6x6x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 4.233 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.231 W/kg

**SAR(1 g) = 0.191 W/kg; SAR(10 g) = 0.152 W/kg**

Maximum value of SAR (measured) = 0.218 W/kg



0 dB = 0.218 W/kg

## 04\_WCDMA IV\_RMC 12.2Kbps\_Right Cheek\_Ch1312

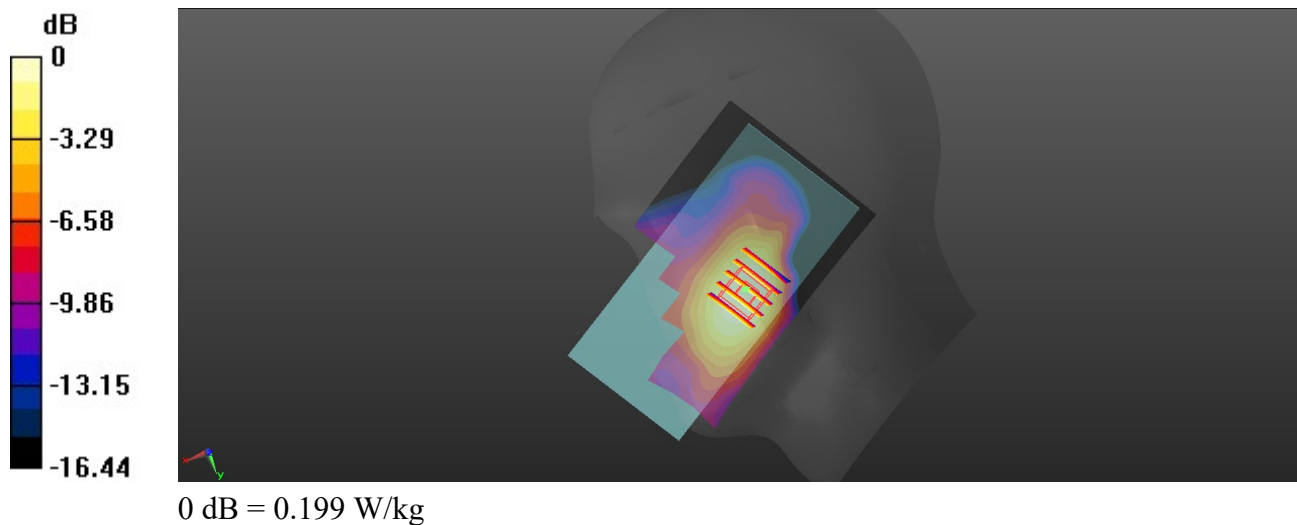
Communication System: UID 0, Generic WCDMA (0); Frequency: 1712.4 MHz; Duty Cycle: 1:1  
Medium: HSL\_1750\_210928 Medium parameters used:  $f = 1712.4$  MHz;  $\sigma = 1.333$  S/m;  $\epsilon_r = 40.048$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.6 °C; Liquid Temperature : 22.6 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN7576; ConvF(8.73, 8.73, 8.73); Calibrated: 2021/4/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1664; Calibrated: 2021/3/1
- Phantom: Twin-SAM V8.0 (Left); Type: QD 000 P41 AA; Serial: 2035
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch1312/Area Scan (71x131x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.217 W/kg

**Ch1312/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 2.517 V/m; Power Drift = -0.19 dB  
Peak SAR (extrapolated) = 0.235 W/kg  
**SAR(1 g) = 0.170 W/kg; SAR(10 g) = 0.111 W/kg**  
Maximum value of SAR (measured) = 0.199 W/kg



**08\_LTE Band 5\_10M\_QPSK\_1RB\_0Offset\_Right Cheek\_Ch20525**

Communication System: UID 0, LTE (0); Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: HSL\_835\_210910 Medium parameters used:  $f = 836.5$  MHz;  $\sigma = 0.898$  S/m;  $\epsilon_r = 41.584$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7576; ConvF(10.19, 10.19, 10.19); Calibrated: 2021/4/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1664; Calibrated: 2021/3/1
- Phantom: Twin-SAM V8.0 (Left); Type: QD 000 P41 AA; Serial: 2035
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch20525/Area Scan (71x121x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

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

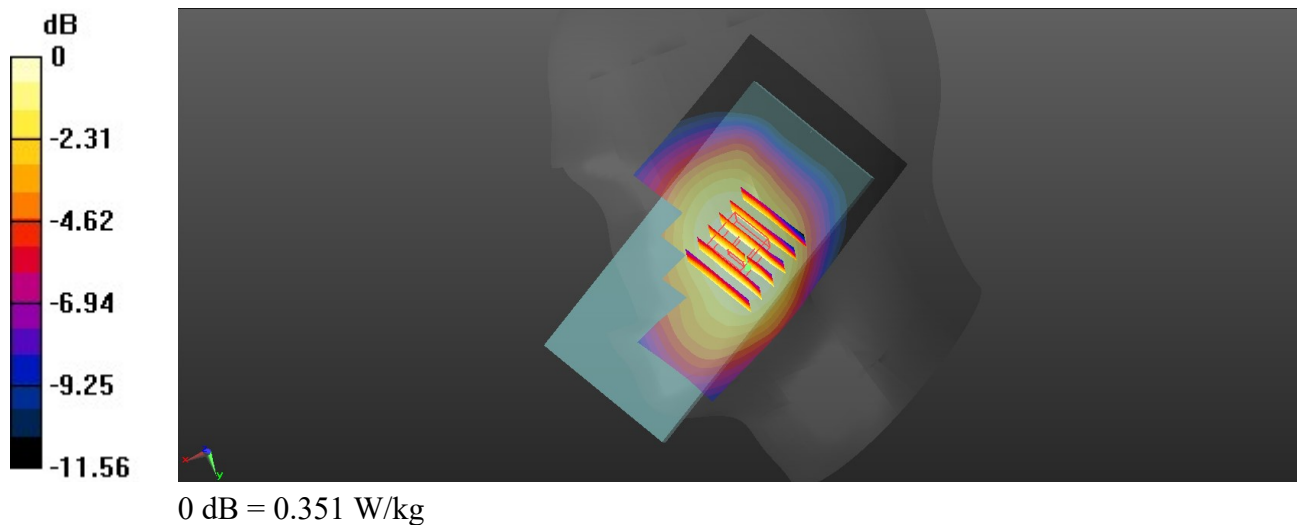
**Ch20525/Zoom Scan (6x6x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 5.109 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.378 W/kg

**SAR(1 g) = 0.302 W/kg; SAR(10 g) = 0.235 W/kg**

Maximum value of SAR (measured) = 0.351 W/kg



**09\_LTE Band 66\_20M\_QPSK\_1RB\_0Offset\_Right Cheek\_Ch132322**

Communication System: UID 0, LTE (0); Frequency: 1745 MHz; Duty Cycle: 1:1

Medium: HSL\_1750\_210903 Medium parameters used:  $f = 1745$  MHz;  $\sigma = 1.397$  S/m;  $\epsilon_r = 41.389$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7576; ConvF(8.73, 8.73, 8.73); Calibrated: 2021/4/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1664; Calibrated: 2021/3/1
- Phantom: Twin-SAM V8.0 (Left); Type: QD 000 P41 AA; Serial: 2035
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch132322/Area Scan (71x121x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

Maximum value of SAR (interpolated) = 0.299 W/kg

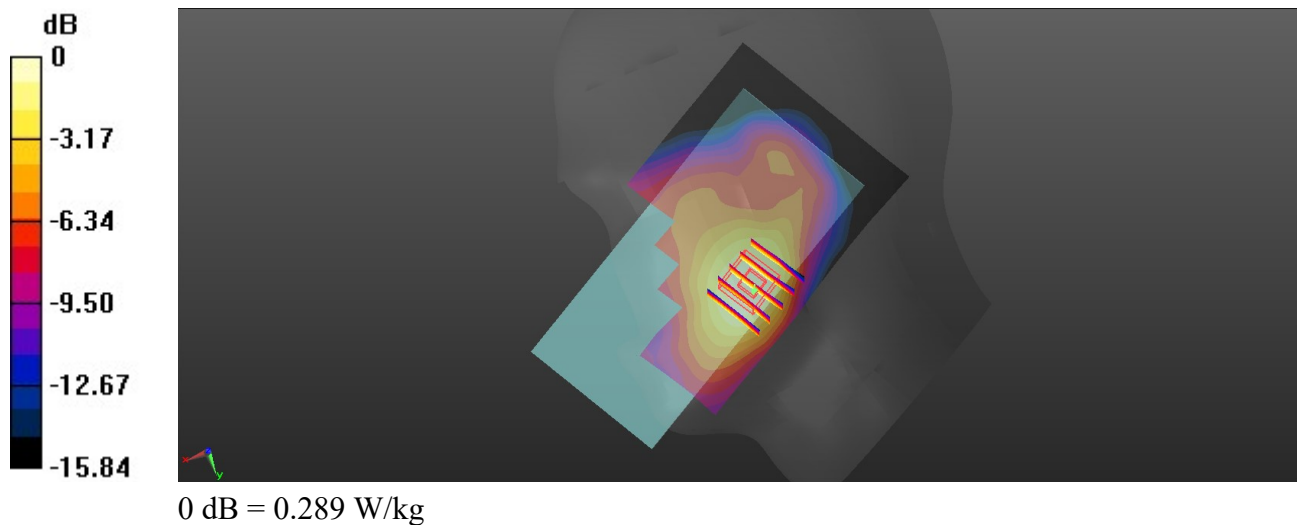
**Ch132322/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 5.657 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.330 W/kg

**SAR(1 g) = 0.224 W/kg; SAR(10 g) = 0.145 W/kg**

Maximum value of SAR (measured) = 0.289 W/kg



**10\_LTE Band 2\_20M\_QPSK\_1RB\_0Offset\_Right Cheek\_Ch18900**

Communication System: UID 0, LTE (0); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: HSL\_1900\_210902 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.43$  S/m;  $\epsilon_r = 39.169$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7576; ConvF(8.33, 8.33, 8.33); Calibrated: 2021/4/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1664; Calibrated: 2021/3/1
- Phantom: Twin-SAM V8.0 (Left); Type: QD 000 P41 AA; Serial: 2035
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch18900/Area Scan (71x121x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

Maximum value of SAR (interpolated) = 0.227 W/kg

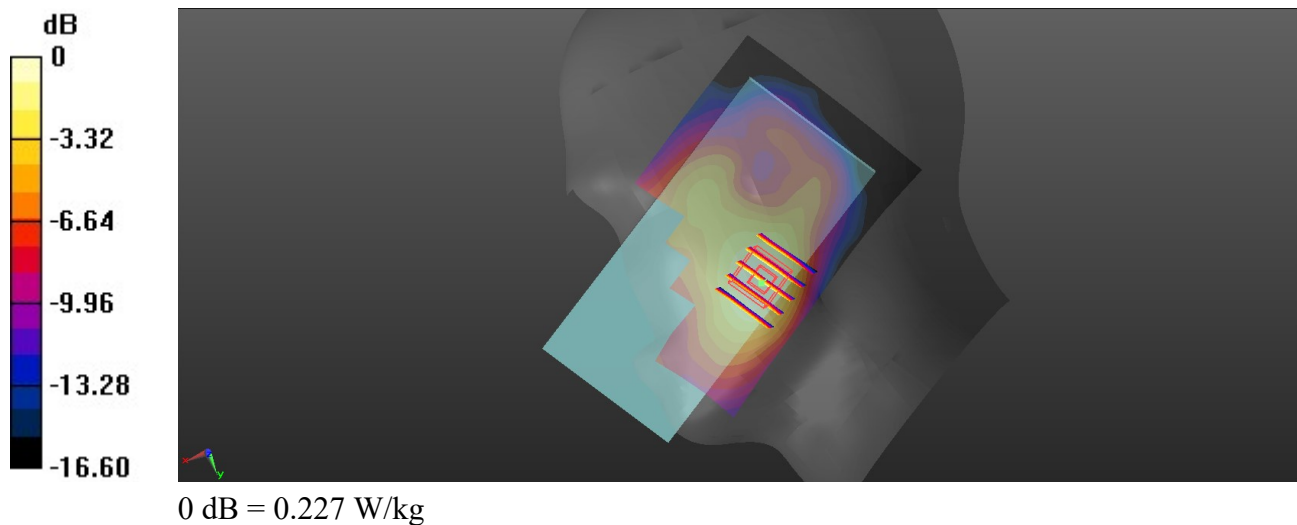
**Ch18900/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 4.659 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.262 W/kg

**SAR(1 g) = 0.168 W/kg; SAR(10 g) = 0.104 W/kg**

Maximum value of SAR (measured) = 0.227 W/kg



**11\_LTE Band 7\_20M\_QPSK\_1RB\_0Offset\_Left Cheek\_Ch21100**

Communication System: UID 0, LTE (0); Frequency: 2535 MHz; Duty Cycle: 1:1

Medium: HSL\_2600\_210905 Medium parameters used:  $f = 2535$  MHz;  $\sigma = 1.983$  S/m;  $\epsilon_r = 37.563$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7576; ConvF(7.47, 7.47, 7.47); Calibrated: 2021/4/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1664; Calibrated: 2021/3/1
- Phantom: Twin-SAM V8.0 (Left); Type: QD 000 P41 AA; Serial: 2035
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch21100/Area Scan (81x161x1):** Interpolated grid:  $dx=1.200$  mm,  $dy=1.200$  mm

Maximum value of SAR (interpolated) = 0.904 W/kg

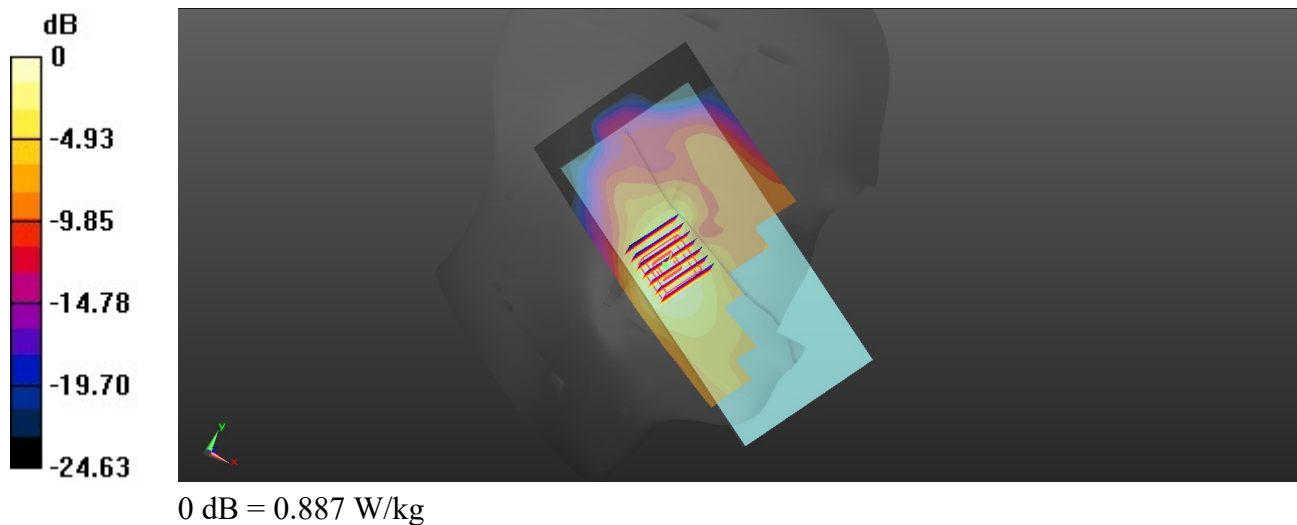
**Ch21100/Zoom Scan (7x7x8)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 4.524 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.10 W/kg

**SAR(1 g) = 0.570 W/kg; SAR(10 g) = 0.294 W/kg**

Maximum value of SAR (measured) = 0.887 W/kg



**12\_LTE Band 38\_20M\_QPSK\_1RB\_0Offset\_Left Cheek\_Ch38000**

Communication System: UID 0, LTE (0); Frequency: 2595 MHz; Duty Cycle: 1:1.59

Medium: HSL\_2600\_210905 Medium parameters used:  $f = 2595$  MHz;  $\sigma = 2.05$  S/m;  $\epsilon_r = 37.315$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7576; ConvF(7.47, 7.47, 7.47); Calibrated: 2021/4/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1664; Calibrated: 2021/3/1
- Phantom: Twin-SAM V8.0 (Left); Type: QD 000 P41 AA; Serial: 2035
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch38000/Area Scan (81x151x1):** Interpolated grid:  $dx=1.200$  mm,  $dy=1.200$  mm

Maximum value of SAR (interpolated) = 0.529 W/kg

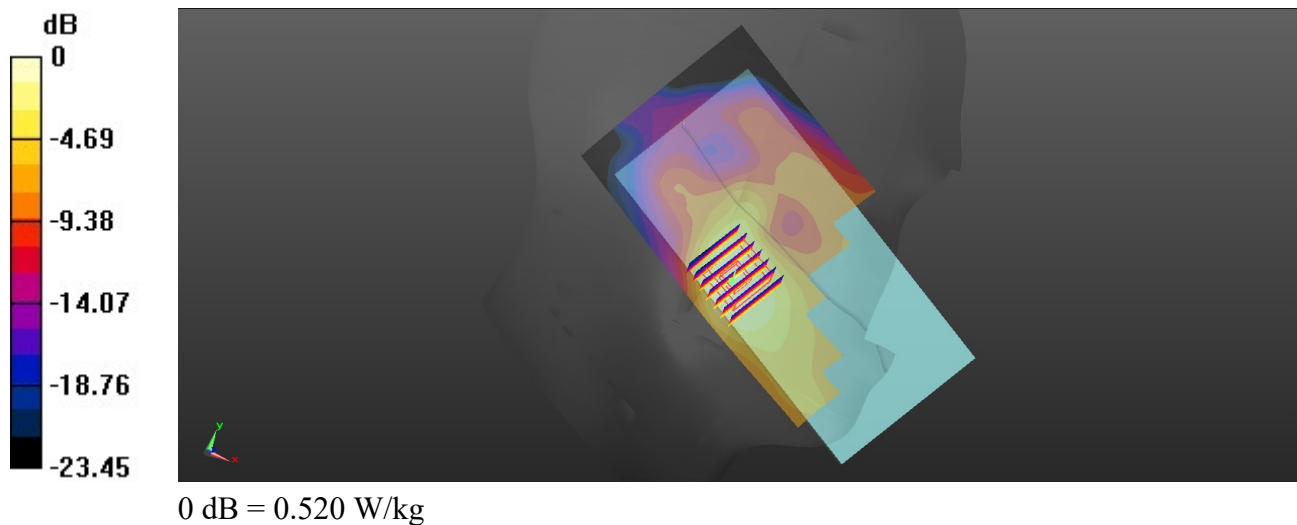
**Ch38000/Zoom Scan (7x7x8)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 3.738 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.623 W/kg

**SAR(1 g) = 0.316 W/kg; SAR(10 g) = 0.172 W/kg**

Maximum value of SAR (measured) = 0.520 W/kg



**13\_LTE Band 42\_20M\_QPSK\_50RB\_0Offset\_Left Cheek\_Ch42190**

Communication System: UID 0, LTE (0); Frequency: 3460 MHz; Duty Cycle: 1:1.59

Medium: HSL\_3500\_210905 Medium parameters used:  $f = 3460$  MHz;  $\sigma = 2.785$  S/m;  $\epsilon_r = 39.79$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7576; ConvF(6.62, 6.62, 6.62); Calibrated: 2021/4/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1664; Calibrated: 2021/3/1
- Phantom: Twin-SAM V8.0 (Left); Type: QD 000 P41 AA; Serial: 2035
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch42190/Area Scan (81x91x1):** Interpolated grid:  $dx=1.200$  mm,  $dy=1.200$  mm

Maximum value of SAR (interpolated) = 1.51 W/kg

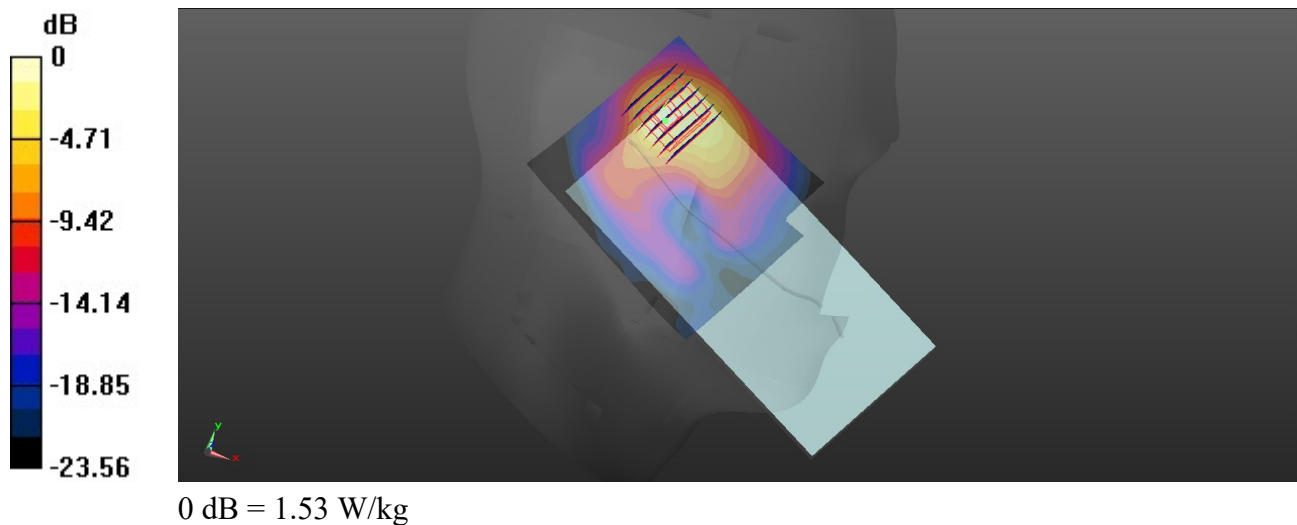
**Ch42190/Zoom Scan (7x7x8)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=1.4$ mm

Reference Value = 9.620 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 2.44 W/kg

**SAR(1 g) = 0.751 W/kg; SAR(10 g) = 0.292 W/kg**

Maximum value of SAR (measured) = 1.53 W/kg



**14\_N5\_20M\_BPSK\_1RB\_1Offset\_DFT-15\_Right Cheek\_Ch167300**

Communication System: UID 0, 5G NR (0); Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: HSL\_835\_210901 Medium parameters used:  $f = 836.5$  MHz;  $\sigma = 0.928$  S/m;  $\epsilon_r = 42.658$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7576; ConvF(10.19, 10.19, 10.19); Calibrated: 2021/4/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1664; Calibrated: 2021/3/1
- Phantom: Twin-SAM V8.0 (Left); Type: QD 000 P41 AA; Serial: 2035
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch167300/Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

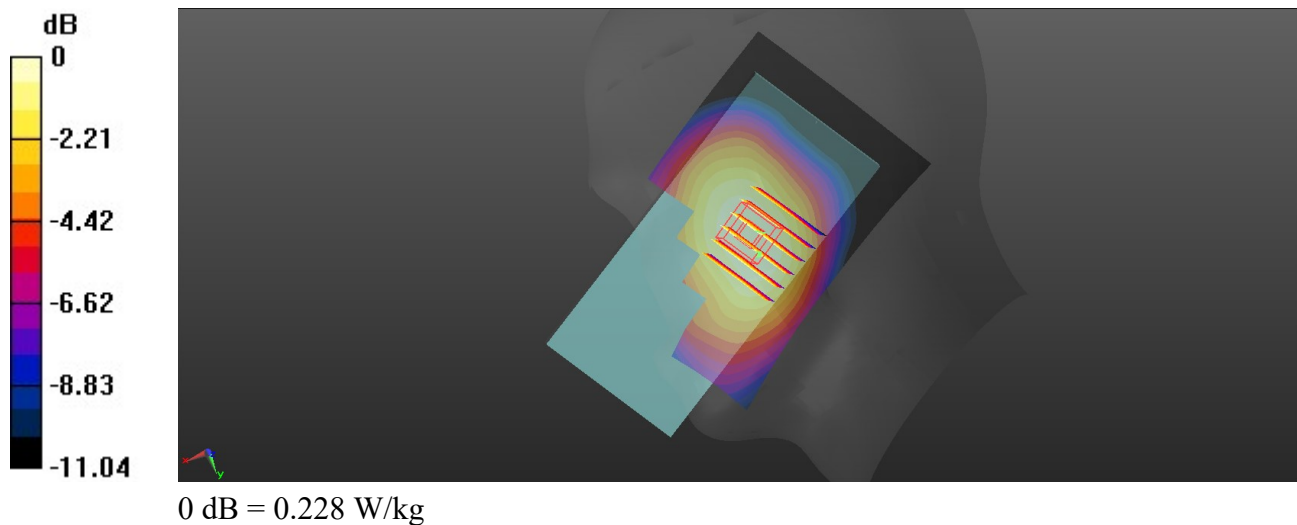
**Ch167300/Zoom Scan (6x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.722 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.247 W/kg

**SAR(1 g) = 0.197 W/kg; SAR(10 g) = 0.153 W/kg**

Maximum value of SAR (measured) = 0.228 W/kg



**15\_N66\_20M\_BPSK\_1RB\_1Offset\_DFT-15\_Right Cheek\_Ch344000**

Communication System: UID 0, 5G NR (0); Frequency: 1720 MHz; Duty Cycle: 1:1

Medium: HSL\_1750\_210903 Medium parameters used:  $f = 1720$  MHz;  $\sigma = 1.368$  S/m;  $\epsilon_r = 41.533$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7576; ConvF(8.73, 8.73, 8.73); Calibrated: 2021/4/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1664; Calibrated: 2021/3/1
- Phantom: Twin-SAM V8.0 (Left); Type: QD 000 P41 AA; Serial: 2035
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch344000/Area Scan (71x101x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.210 W/kg

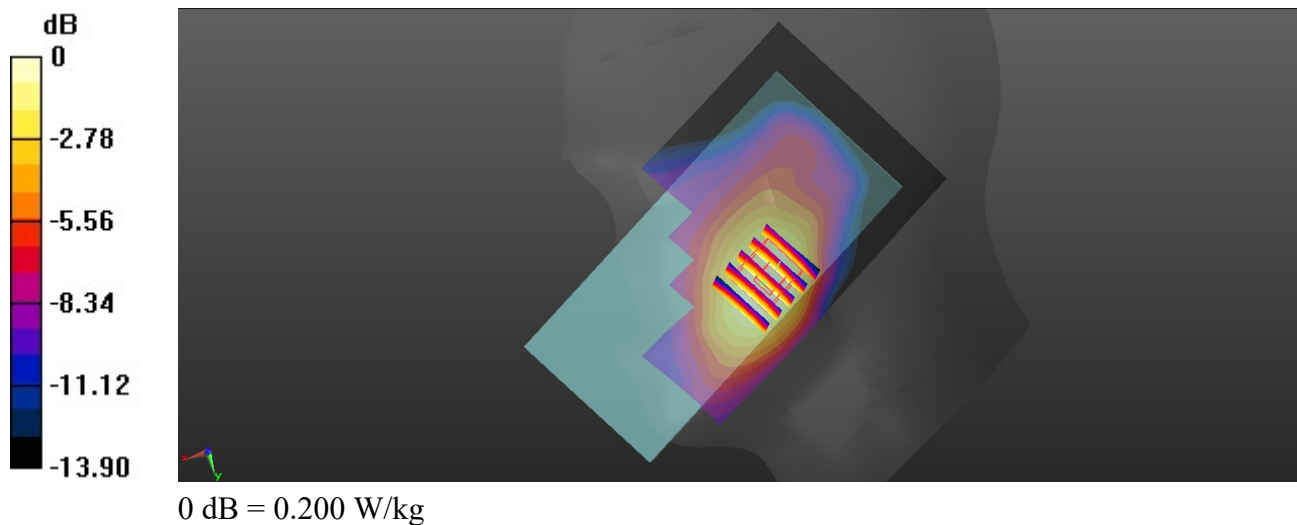
**Ch344000/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.359 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.231 W/kg

**SAR(1 g) = 0.159 W/kg; SAR(10 g) = 0.104 W/kg**

Maximum value of SAR (measured) = 0.200 W/kg



**16\_N7\_20M\_BPSK\_50RB\_28Offset\_DFT-15\_Right Tilted\_Ch512000**

Communication System: UID 0, 5G NR (0); Frequency: 2560 MHz; Duty Cycle: 1:1

Medium: HSL\_2600\_210905 Medium parameters used:  $f = 2560$  MHz;  $\sigma = 2.009$  S/m;  $\epsilon_r = 37.783$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.5 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN7576; ConvF(7.47, 7.47, 7.47); Calibrated: 2021/4/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1664; Calibrated: 2021/3/1
- Phantom: Twin-SAM V8.0 (Left); Type: QD 000 P41 AA; Serial: 2035
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch512000/Area Scan (81x101x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.14 W/kg

**Ch512000/Zoom Scan (7x7x8)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.945 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.61 W/kg

**SAR(1 g) = 0.629 W/kg; SAR(10 g) = 0.262 W/kg**

Maximum value of SAR (measured) = 1.20 W/kg

