

**#01\_LTE Band 7\_20M\_QPSK\_1\_0\_Left Cheek\_Ch20850+21048**

Communication System: LTE; Frequency: 2510 MHz; Duty Cycle: 1:1

Medium: HSL\_2600\_181109 Medium parameters used:  $f = 2510$  MHz;  $\sigma = 1.819$  S/m;  $\epsilon_r = 38.253$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: ES3DV3 - SN3169; ConvF(4.5, 4.5, 4.5) @ 2510 MHz; Calibrated: 2018/5/28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2018/5/24
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1431
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

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

Maximum value of SAR (interpolated) = 0.0584 W/kg

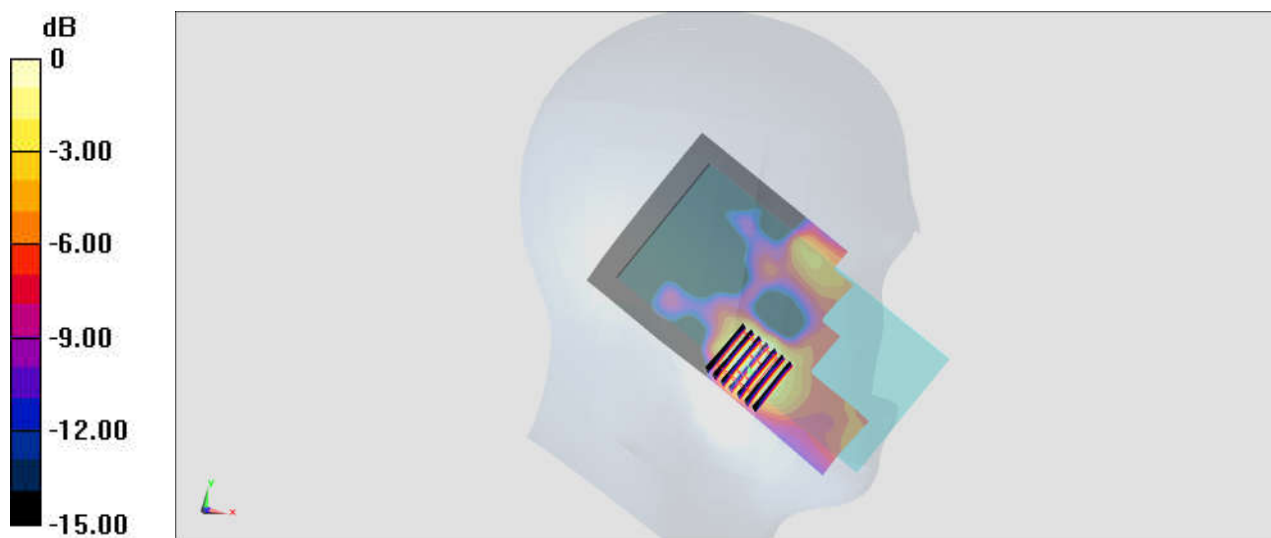
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 3.355 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.0750 W/kg

**SAR(1 g) = 0.041 W/kg; SAR(10 g) = 0.021 W/kg**

Maximum value of SAR (measured) = 0.0523 W/kg



0 dB = 0.0523 W/kg = -12.81 dBW/kg

**#02\_LTE Band 41\_20M\_QPSK\_1\_0\_Left Cheek\_Ch39750+39948**

Communication System: LTE; Frequency: 2506 MHz; Duty Cycle: 1:1.59

Medium: HSL\_2600\_181109 Medium parameters used:  $f = 2506$  MHz;  $\sigma = 1.815$  S/m;  $\epsilon_r = 38.27$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: ES3DV3 - SN3169; ConvF(4.5, 4.5, 4.5) @ 2506 MHz; Calibrated: 2018/5/28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2018/5/24
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1431
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

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

Maximum value of SAR (interpolated) = 0.101 W/kg

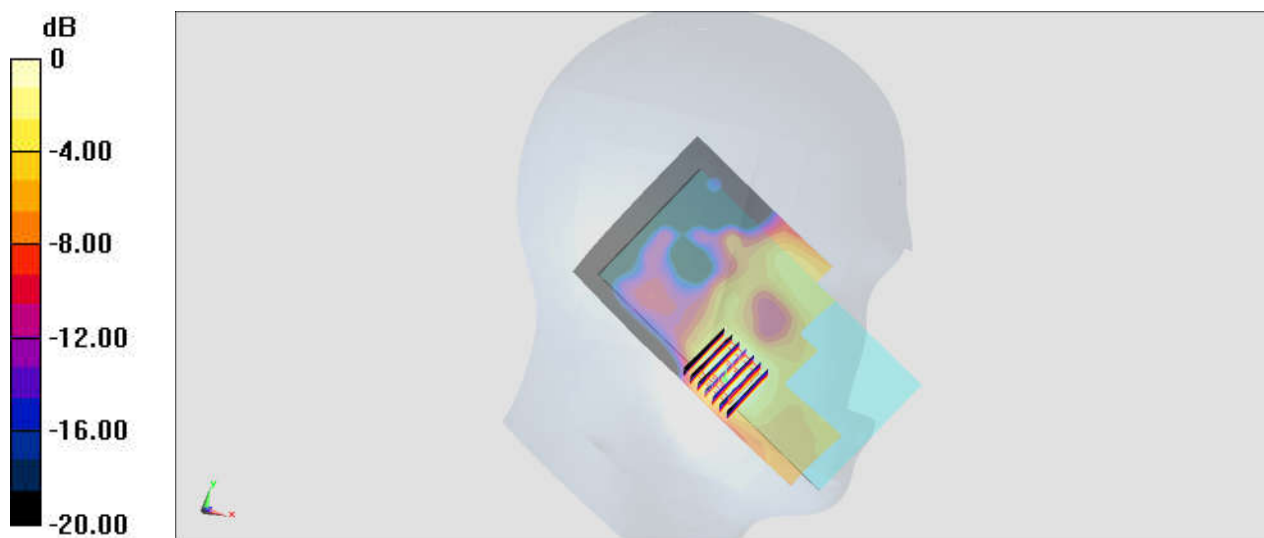
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 5.975 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.137 W/kg

**SAR(1 g) = 0.072 W/kg; SAR(10 g) = 0.037 W/kg**

Maximum value of SAR (measured) = 0.0908 W/kg



0 dB = 0.0908 W/kg = -10.42 dBW/kg

**#03\_LTE Band 7\_20M\_QPSK\_1\_0\_Bottom Side\_10mm\_Ch20850+21048**

Communication System: LTE ; Frequency: 2510 MHz;Duty Cycle: 1:1

Medium: MSL\_2600\_181113 Medium parameters used:  $f = 2510$  MHz;  $\sigma = 2.021$  S/m;  $\epsilon_r = 51.886$ ;

$\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: ES3DV3 - SN3169; ConvF(4.27, 4.27, 4.27) @ 2510 MHz; Calibrated: 2018/5/28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2018/5/24
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1431
- Measurement SW: DASY52, Version 52.10 (1);SEMCAD X Version 14.6.11 (7439)

**Area Scan (41x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.807 W/kg

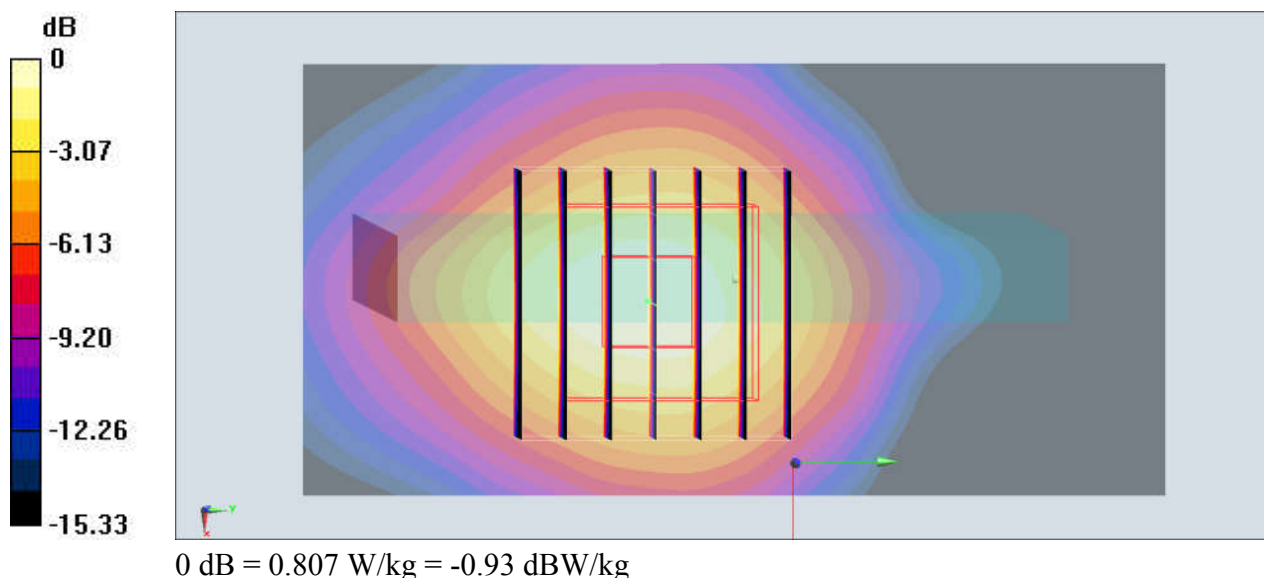
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 20.01 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 1.36 W/kg

**SAR(1 g) = 0.621 W/kg; SAR(10 g) = 0.301 W/kg**

Maximum value of SAR (measured) = 0.807 W/kg



**#04\_LTE Band 41\_20M\_QPSK\_1\_0\_Bottom Side\_10mm\_Ch39750+39948**

Communication System: LTE ; Frequency: 2506 MHz;Duty Cycle: 1:1.59

Medium: MSL\_2600\_181113 Medium parameters used:  $f = 2506$  MHz;  $\sigma = 2.013$  S/m;  $\epsilon_r = 51.903$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: ES3DV3 - SN3169; ConvF(4.27, 4.27, 4.27) @ 2506 MHz; Calibrated: 2018/5/28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2018/5/24
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1431
- Measurement SW: DASY52, Version 52.10 (1);SEMCAD X Version 14.6.11 (7439)

**Area Scan (41x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.991 W/kg

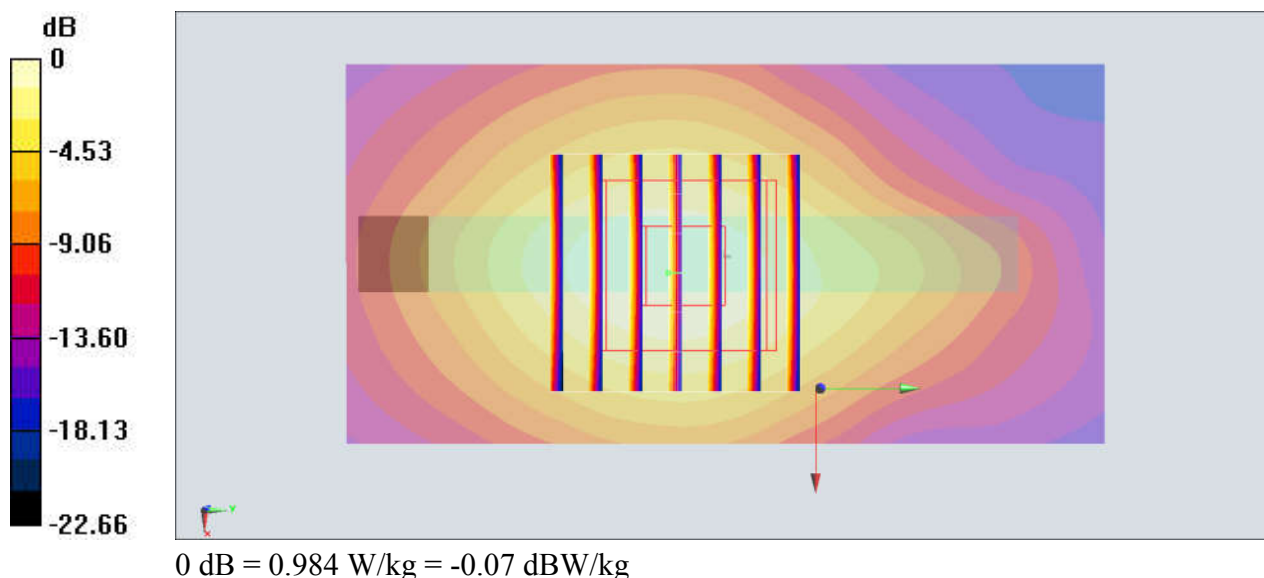
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 21.93 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.62 W/kg

**SAR(1 g) = 0.778 W/kg; SAR(10 g) = 0.390 W/kg**

Maximum value of SAR (measured) = 0.984 W/kg



**#05\_LTE Band 7\_20M\_QPSK\_1\_0\_Back\_15mm\_Ch20850+21048**

Communication System: LTE; Frequency: 2510 MHz; Duty Cycle: 1:1

Medium: MSL\_2600\_181113 Medium parameters used:  $f = 2510$  MHz;  $\sigma = 2.021$  S/m;  $\epsilon_r = 51.886$ ;

$\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(4.27, 4.27, 4.27) @ 2510 MHz; Calibrated: 2018/5/28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2018/5/24
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1431
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

**Area Scan (81x81x1):** Interpolated grid:  $dx=1.200$  mm,  $dy=1.200$  mm

Maximum value of SAR (interpolated) = 0.211 W/kg

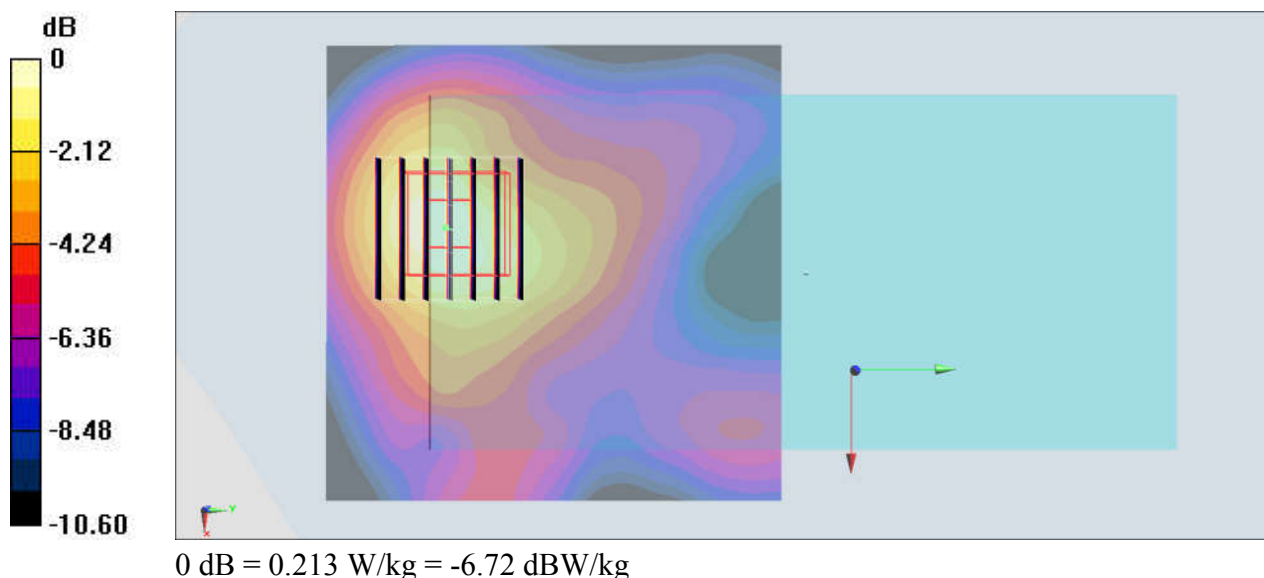
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 9.759 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.346 W/kg

**SAR(1 g) = 0.158 W/kg; SAR(10 g) = 0.082 W/kg**

Maximum value of SAR (measured) = 0.213 W/kg



**#06\_LTE Band 41\_20M\_QPSK\_1\_0\_Front\_15mm\_Ch39750+39948**

Communication System: LTE ; Frequency: 2506 MHz;Duty Cycle: 1:1.59

Medium: MSL\_2600\_181113 Medium parameters used:  $f = 2506$  MHz;  $\sigma = 2.013$  S/m;  $\epsilon_r = 51.903$ ;

$\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: ES3DV3 - SN3169; ConvF(4.27, 4.27, 4.27) @ 2506 MHz; Calibrated: 2018/5/28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2018/5/24
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1431
- Measurement SW: DASY52, Version 52.10 (1);SEMCAD X Version 14.6.11 (7439)

**Area Scan (81x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

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

Reference Value = 10.78 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.359 W/kg

**SAR(1 g) = 0.177 W/kg; SAR(10 g) = 0.102 W/kg**

Maximum value of SAR (measured) = 0.233 W/kg

