

**#01\_LTE Band 7\_20M\_QPSK\_1\_0\_Right Cheek\_Ch21350+21152**

Communication System: LTE; Frequency: 2560 MHz; Duty Cycle: 1:1

Medium: HSL\_2600\_170712 Medium parameters used:  $f = 2560$  MHz;  $\sigma = 1.965$  S/m;  $\epsilon_r = 38.072$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3976; ConvF(7.6, 7.6, 7.6); Calibrated: 2017/2/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2017/2/16
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Area Scan (81x141x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.221 W/kg

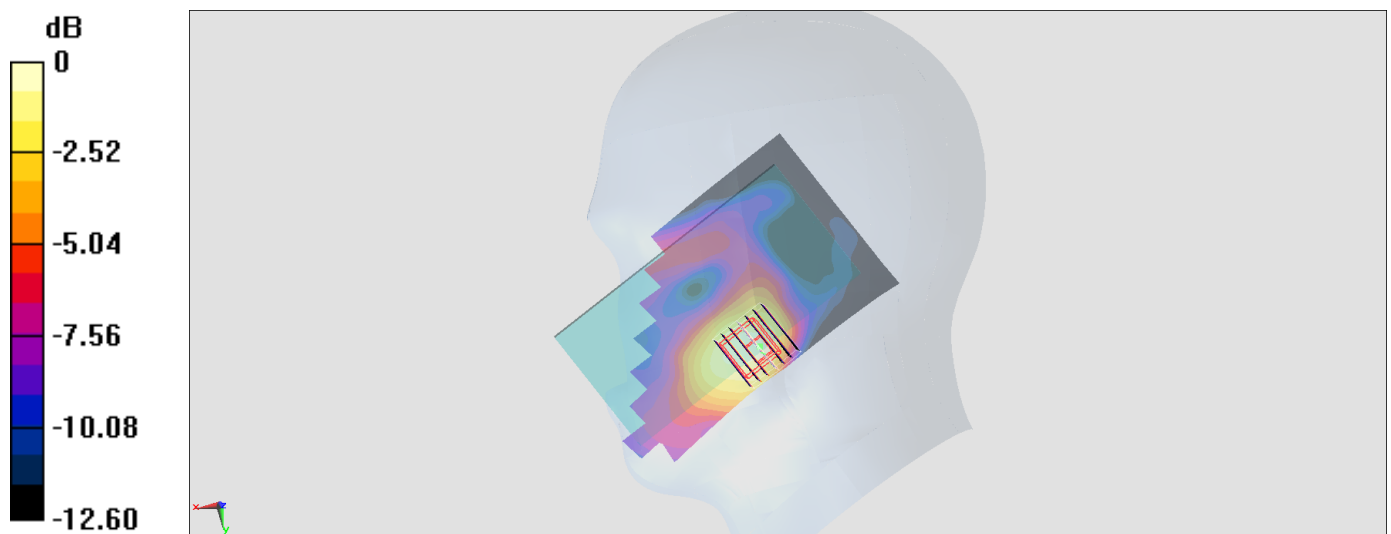
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.757 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.254 W/kg

**SAR(1 g) = 0.116 W/kg; SAR(10 g) = 0.066 W/kg**

Maximum value of SAR (measured) = 0.212 W/kg



0 dB = 0.212 W/kg = -6.74 dBW/kg

**#02\_LTE Band 41\_20M\_QPSK\_1\_0\_Right Cheek\_Ch41490+41292**

Communication System: LTE; Frequency: 2680 MHz; Duty Cycle: 1:1.59

Medium: HSL\_2600\_170712 Medium parameters used:  $f = 2680$  MHz;  $\sigma = 2.107$  S/m;  $\epsilon_r = 37.62$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3976; ConvF(7.6, 7.6, 7.6); Calibrated: 2017/2/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2017/2/16
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Area Scan (81x141x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.215 W/kg

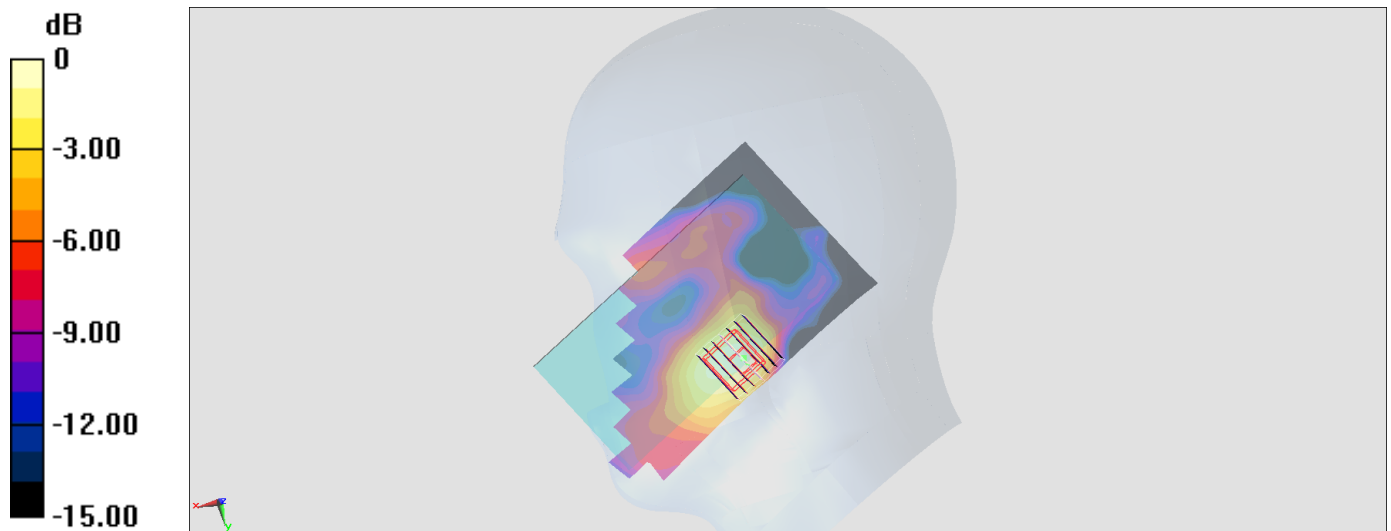
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.597 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.237 W/kg

**SAR(1 g) = 0.131 W/kg; SAR(10 g) = 0.073 W/kg**

Maximum value of SAR (measured) = 0.197 W/kg



0 dB = 0.197 W/kg = -7.06 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\_170712 Medium parameters used:  $f = 2510$  MHz;  $\sigma = 2.062$  S/m;  $\epsilon_r = 54.446$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(7.59, 7.59, 7.59); Calibrated: 2017/2/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2017/2/16
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Area Scan (51x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.00 W/kg

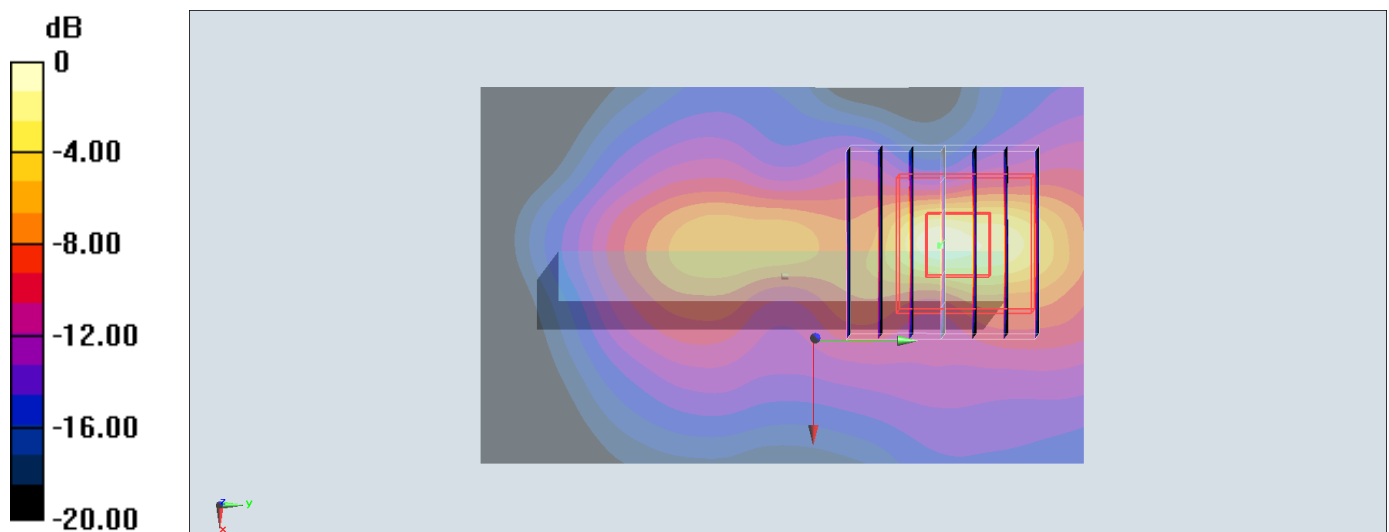
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 19.58 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 1.43 W/kg

**SAR(1 g) = 0.564 W/kg; SAR(10 g) = 0.199 W/kg**

Maximum value of SAR (measured) = 1.04 W/kg



0 dB = 1.04 W/kg = 0.17 dBW/kg

**#04\_LTE Band 41\_20M\_QPSK\_1\_0\_Back\_10mm\_Ch41055+40857**

Communication System: LTE; Frequency: 2636.5 MHz; Duty Cycle: 1:1.59

Medium: MSL\_2600\_170712 Medium parameters used:  $f = 2636.5$  MHz;  $\sigma = 2.235$  S/m;  $\epsilon_r = 54.047$ ;

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

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(7.59, 7.59, 7.59); Calibrated: 2017/2/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2017/2/16
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

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

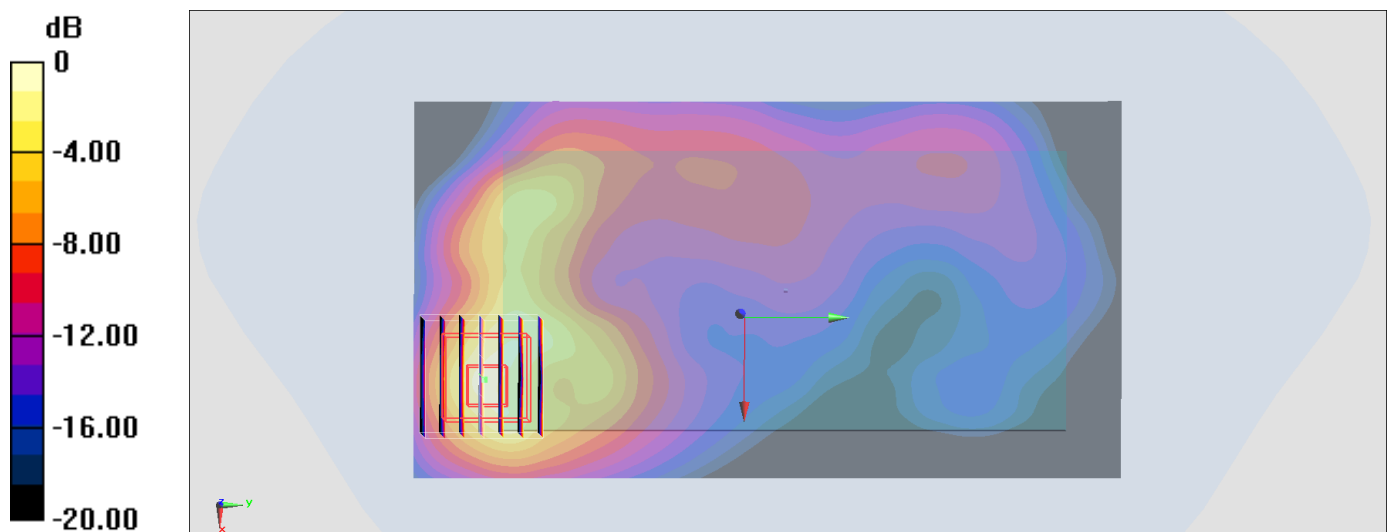
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.77 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.890 W/kg

**SAR(1 g) = 0.379 W/kg; SAR(10 g) = 0.158 W/kg**

Maximum value of SAR (measured) = 0.678 W/kg



0 dB = 0.678 W/kg = -1.69 dBW/kg

**#05\_LTE Band 7\_20M\_QPSK\_1\_0\_Back\_10mm\_Ch20850+21048**

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

Medium: MSL\_2600\_170712 Medium parameters used:  $f = 2510$  MHz;  $\sigma = 2.062$  S/m;  $\epsilon_r = 54.446$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(7.59, 7.59, 7.59); Calibrated: 2017/2/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2017/2/16
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 0.833 W/kg

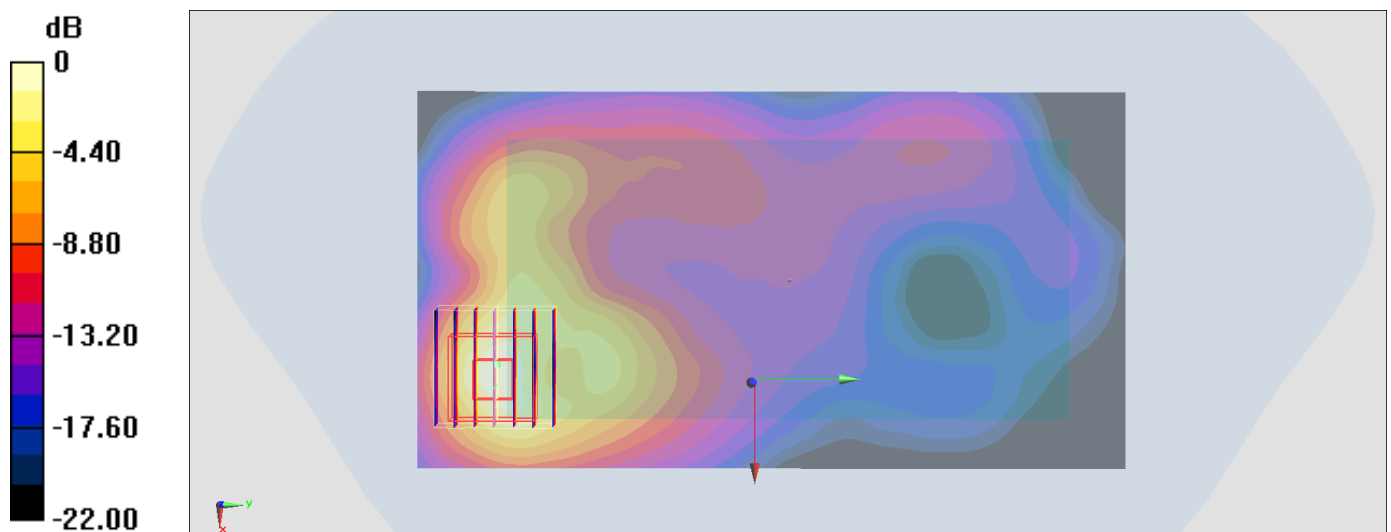
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 14.67 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.31 W/kg

**SAR(1 g) = 0.595 W/kg; SAR(10 g) = 0.253 W/kg**

Maximum value of SAR (measured) = 1.01 W/kg



0 dB = 1.01 W/kg = 0.04 dBW/kg

**#06\_LTE Band 41\_20M\_QPSK\_1\_0\_Back\_10mm\_Ch41055+40857**

Communication System: LTE; Frequency: 2636.5 MHz; Duty Cycle: 1:1.59

Medium: MSL\_2600\_170712 Medium parameters used:  $f = 2636.5$  MHz;  $\sigma = 2.235$  S/m;  $\epsilon_r = 54.047$ ;

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

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(7.59, 7.59, 7.59); Calibrated: 2017/2/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2017/2/16
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

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

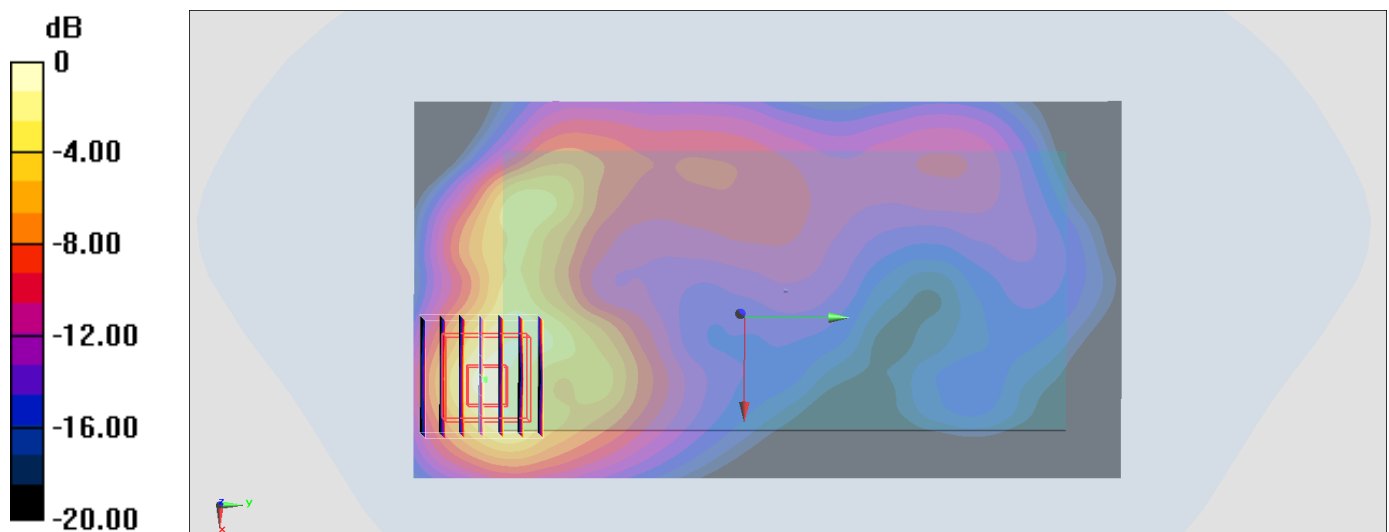
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.77 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.890 W/kg

**SAR(1 g) = 0.379 W/kg; SAR(10 g) = 0.158 W/kg**

Maximum value of SAR (measured) = 0.678 W/kg



0 dB = 0.678 W/kg = -1.69 dBW/kg