

### #01\_WCDMA V\_RMC 12.2Kbps\_Bottom Face\_0mm\_Ch4132;Ant 1

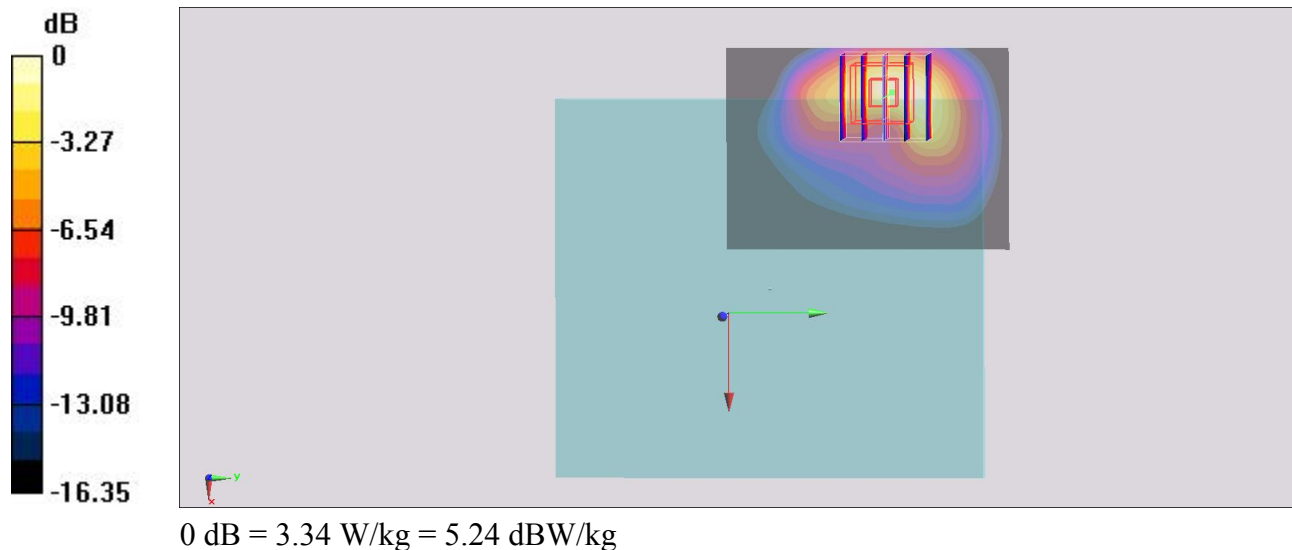
Communication System: WCDMA ; Frequency: 826.4 MHz;Duty Cycle: 1:1  
Medium: MSL\_850\_170206 Medium parameters used :  $f = 826.4$  MHz;  $\sigma = 0.997$  S/m;  $\epsilon_r = 56.154$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.3 °C; Liquid Temperature : 22.3 °C

#### DASY5 Configuration

- Probe: EX3DV4 - SN3955; ConvF(10.18, 10.18, 10.18); Calibrated: 2016/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

**Area Scan (51x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 3.03 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 45.41 V/m; Power Drift = -0.16 dB  
Peak SAR (extrapolated) = 4.13 W/kg  
**SAR(1 g) = 1.82 W/kg; SAR(10 g) = 0.916 W/kg**  
Maximum value of SAR (measured) = 3.34 W/kg



**#02\_WCDMA II\_RMC 12.2Kbps\_Edge 3\_0mm\_Ch9538;Ant 1**

Communication System: WCDMA ; Frequency: 1907.6 MHz;Duty Cycle: 1:1

Medium: MSL\_1900\_170206 Medium parameters used:  $f = 1908 \text{ MHz}$ ;  $\sigma = 1.55 \text{ S/m}$ ;  $\epsilon_r = 55.554$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature :  $23.4 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.4 \text{ }^\circ\text{C}$

**DASY5 Configuration**

- Probe: EX3DV4 - SN3955; ConvF(8, 8, 8); Calibrated: 2016/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

**Area Scan (41x71x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) =  $17.5 \text{ W/kg}$

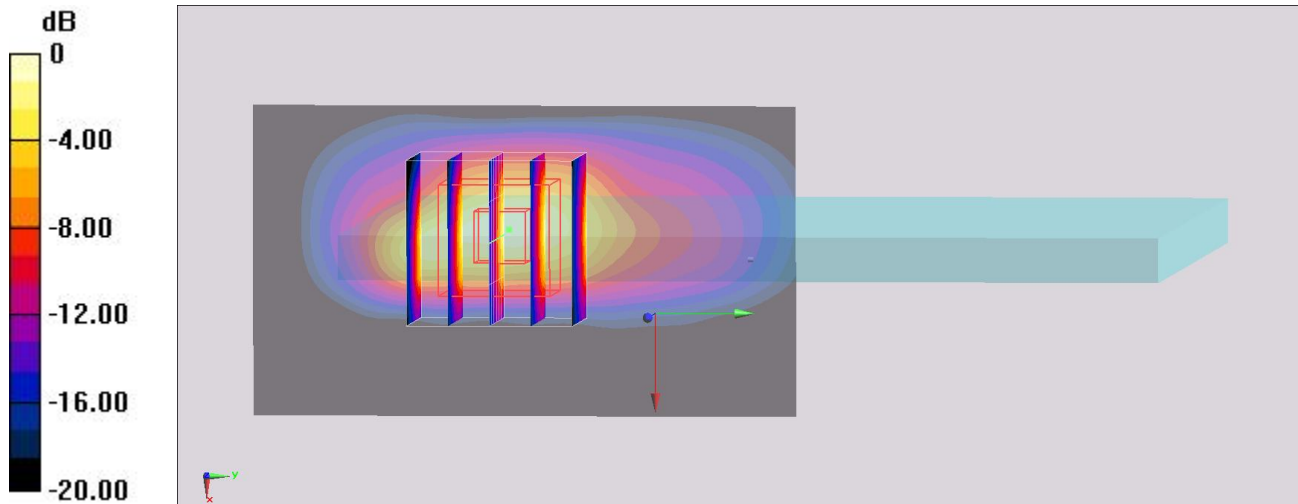
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $70.98 \text{ V/m}$ ; Power Drift =  $0.14 \text{ dB}$

Peak SAR (extrapolated) =  $22.5 \text{ W/kg}$

**SAR(1 g) =  $10.0 \text{ W/kg}$ ; SAR(10 g) =  $4.54 \text{ W/kg}$**

Maximum value of SAR (measured) =  $18.4 \text{ W/kg}$



0 dB =  $18.4 \text{ W/kg} = 12.65 \text{ dBW/kg}$

### #03\_LTE Band 2\_20M\_QPSK\_1\_0\_Edge 3\_0mm\_Ch18700;Ant 1

Communication System: LTE; Frequency: 1860 MHz; Duty Cycle: 1:1

Medium: MSL\_1900\_170206 Medium parameters used:  $f = 1860$  MHz;  $\sigma = 1.496$  S/m;  $\epsilon_r = 55.746$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.4 °C

#### DASY5 Configuration

- Probe: EX3DV4 - SN3955; ConvF(8, 8, 8); Calibrated: 2016/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

**Area Scan (41x141x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 17.3 W/kg

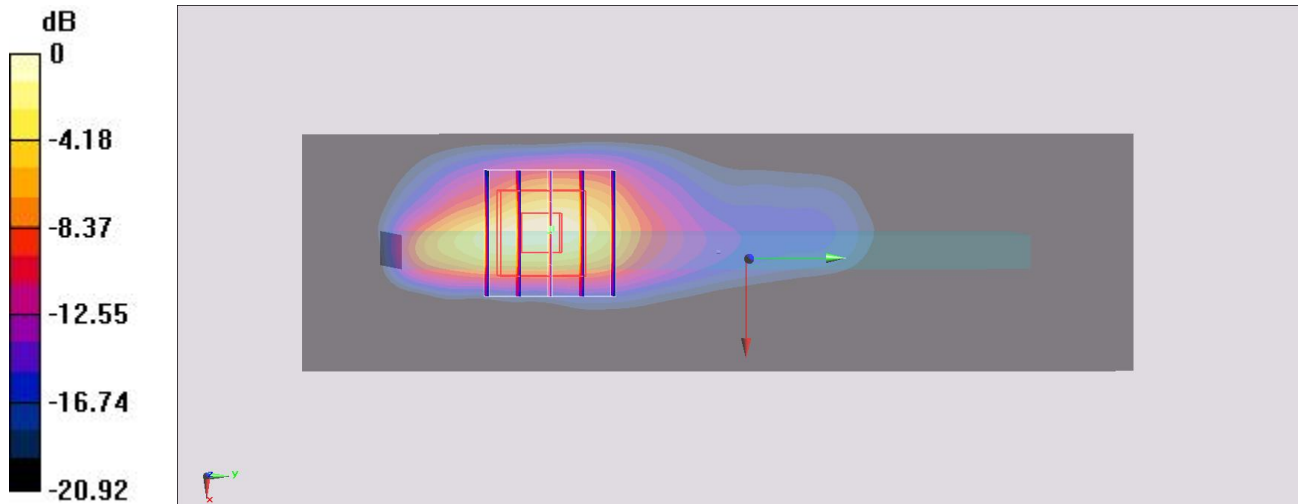
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 62.13 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 22.9 W/kg

**SAR(1 g) = 10.5 W/kg; SAR(10 g) = 4.79 W/kg**

Maximum value of SAR (measured) = 18.7 W/kg



0 dB = 18.7 W/kg = 12.72 dBW/kg

**#04\_LTE Band 4\_20M\_QPSK\_1\_0\_Edge 3\_0mm\_Ch20175;Ant 1**

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: MSL\_1750\_170207 Medium parameters used :  $f = 1732.5$  MHz;  $\sigma = 1.482$  S/m;  $\epsilon_r = 55.55$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.4 °C

**DASY5 Configuration**

- Probe: EX3DV4 - SN3955; ConvF(8.31, 8.31, 8.31); Calibrated: 2016/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

**Area Scan (41x141x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 16.9 W/kg

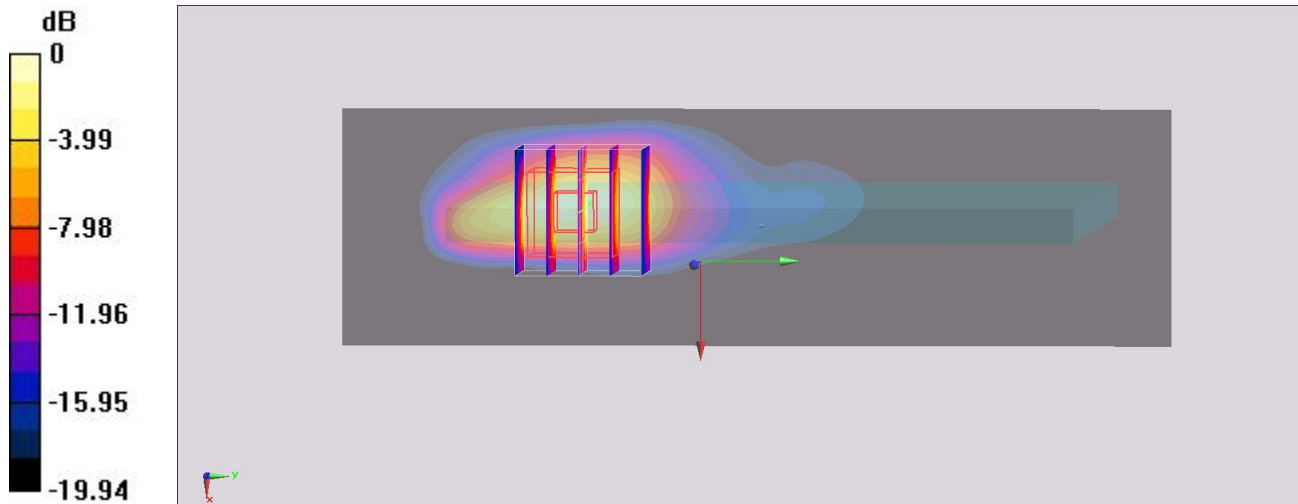
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 59.11 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 20.9 W/kg

**SAR(1 g) = 10.2 W/kg; SAR(10 g) = 4.75 W/kg**

Maximum value of SAR (measured) = 17.2 W/kg



0 dB = 17.2 W/kg = 12.36 dBW/kg