

**04\_WCDMA IV\_RMC 12.2Kbps\_Left Cheek\_0mm\_Ch1513**

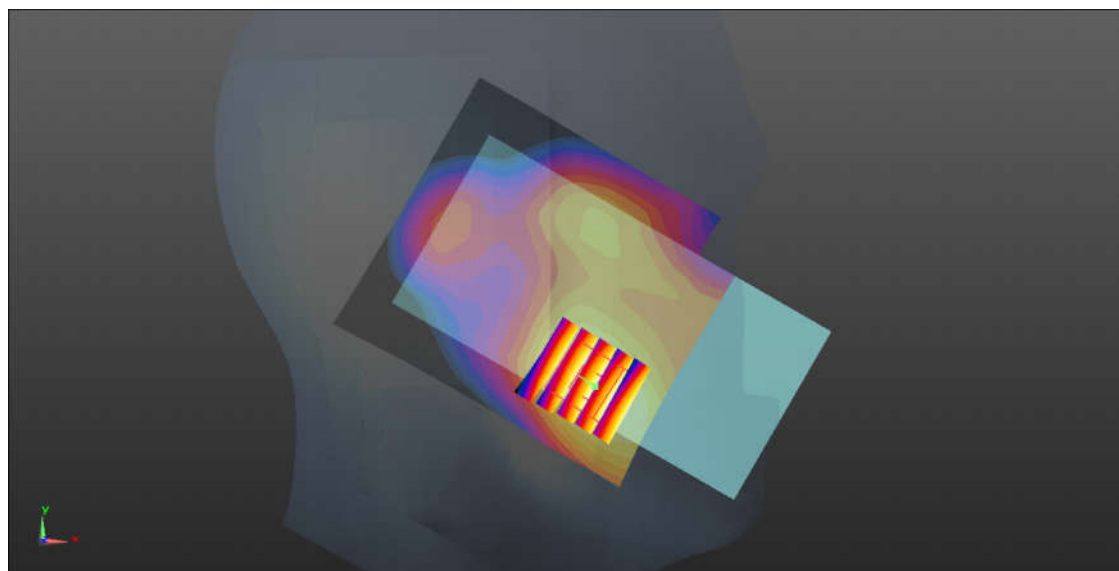
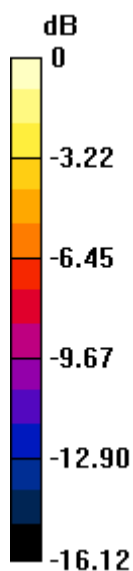
Communication System: UID 0, WCDMA (0); Frequency: 1752.6 MHz; Duty Cycle: 1:1  
Medium: HSL\_1750 Medium parameters used:  $f = 1752.6$  MHz;  $\sigma = 1.348$  S/m;  $\epsilon_r = 41.132$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.6 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3935; ConvF(8.85, 8.85, 8.85); Calibrated: 2017.12.14;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2017.12.4
- Phantom: SAM1; Type: SAM; Serial: TP-1839
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch1513/Area Scan (71x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.370 W/kg

**Ch1513/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 17.09 V/m; Power Drift = -0.04 dB  
Peak SAR (extrapolated) = 0.419 W/kg  
**SAR(1 g) = 0.281 W/kg; SAR(10 g) = 0.180 W/kg**  
Maximum value of SAR (measured) = 0.369 W/kg



0 dB = 0.369 W/kg = -4.33 dBW/kg

**05\_WCDMA II\_RMC 12.2Kbps\_Left Cheek\_0mm\_Ch9400**

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

Medium: HSL\_1900 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.401$  S/m;  $\epsilon_r = 40.021$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3935; ConvF(8.41, 8.41, 8.41); Calibrated: 2017.12.14;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2017.12.4
- Phantom: SAM1; Type: SAM; Serial: TP-1839
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch9400/Area Scan (71x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.364 W/kg

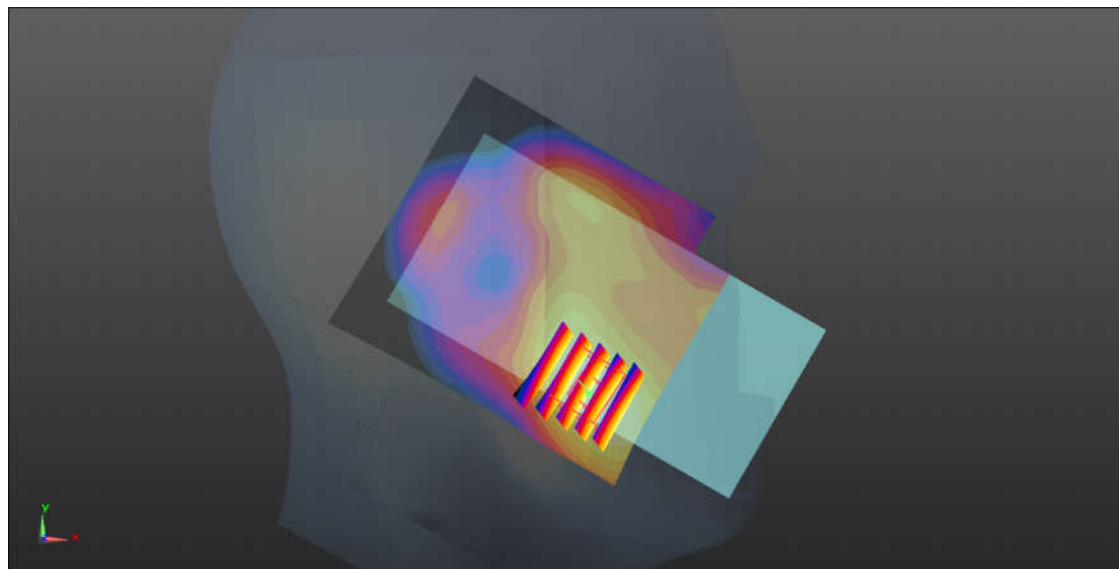
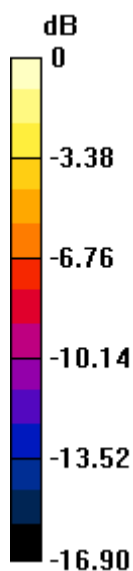
**Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.80 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.427 W/kg

**SAR(1 g) = 0.270 W/kg; SAR(10 g) = 0.166 W/kg**

Maximum value of SAR (measured) = 0.373 W/kg



0 dB = 0.373 W/kg = -4.28 dBW/kg

**06\_CDMA BC0\_RC3 SO55\_Right Cheek\_0mm\_Ch384**

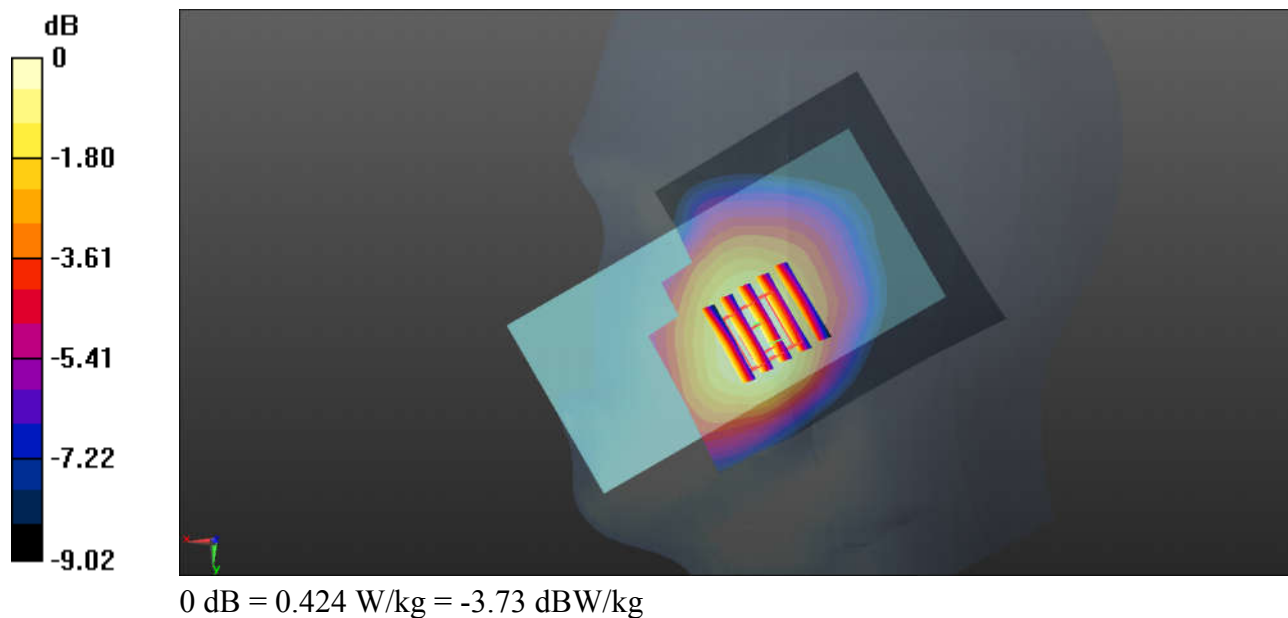
Communication System: UID 0, CDMA (0); Frequency: 836.52 MHz; Duty Cycle: 1:1  
Medium: HSL\_850 Medium parameters used:  $f = 836.52$  MHz;  $\sigma = 0.91$  S/m;  $\epsilon_r = 42.24$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.7 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3935; ConvF(10.36, 10.36, 10.36); Calibrated: 2017.12.14;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2017.12.4
- Phantom: SAM2; Type: SAM; Serial: TP-1842
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch384/Area Scan (71x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.422 W/kg

**Ch384/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 21.11 V/m; Power Drift = 0.02 dB  
Peak SAR (extrapolated) = 0.476 W/kg  
**SAR(1 g) = 0.334 W/kg; SAR(10 g) = 0.252 W/kg**  
Maximum value of SAR (measured) = 0.424 W/kg



**07\_CDMA BC10\_RC3 SO55\_Right Cheek\_0mm\_Ch580**

Communication System: UID 0, CDMA (0); Frequency: 820.5 MHz; Duty Cycle: 1:1

Medium: HSL\_850 Medium parameters used:  $f = 820.5$  MHz;  $\sigma = 0.895$  S/m;  $\epsilon_r = 42.448$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.7 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3935; ConvF(10.36, 10.36, 10.36); Calibrated: 2017.12.14;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2017.12.4
- Phantom: SAM2; Type: SAM; Serial: TP-1842
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch580/Area Scan (71x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.309 W/kg

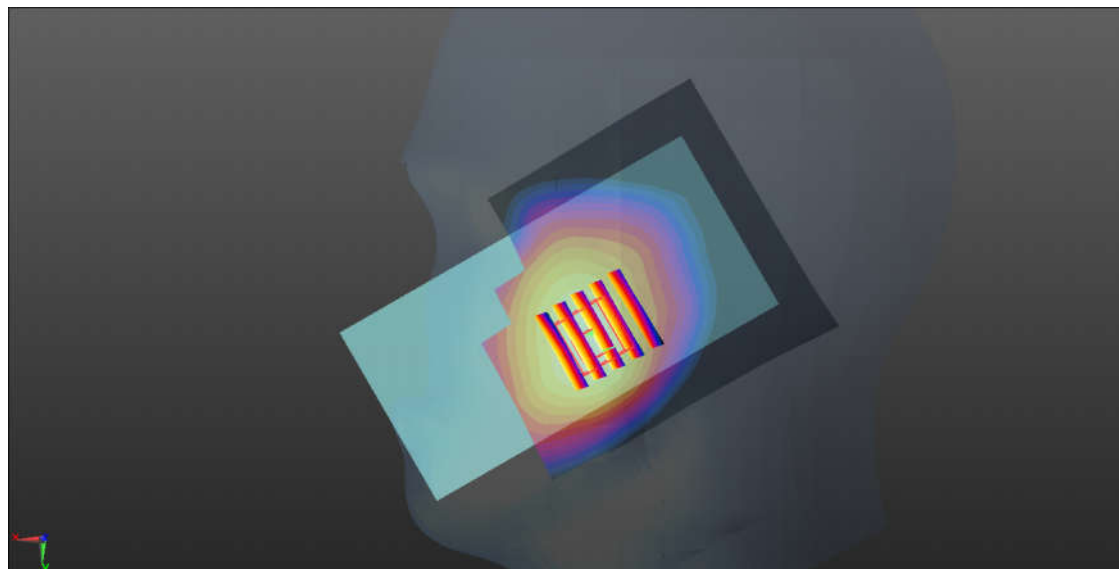
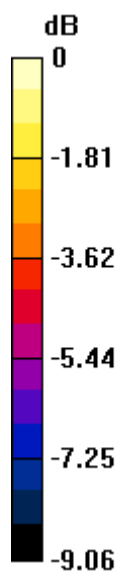
**Ch580/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.68 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.359 W/kg

**SAR(1 g) = 0.255 W/kg; SAR(10 g) = 0.193 W/kg**

Maximum value of SAR (measured) = 0.320 W/kg



0 dB = 0.320 W/kg = -4.95 dBW/kg

**08\_CDMA BC1\_RC3 SO55\_Left Cheek\_0mm\_Ch25**

Communication System: UID 0, CDMA (0); Frequency: 1851.25 MHz; Duty Cycle: 1:1  
Medium: HSL\_1900 Medium parameters used:  $f = 1851.25$  MHz;  $\sigma = 1.371$  S/m;  $\epsilon_r = 40.143$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.8 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3935; ConvF(8.41, 8.41, 8.41); Calibrated: 2017.12.14;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2017.12.4
- Phantom: SAM1; Type: SAM; Serial: TP-1839
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch25/Area Scan (71x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.306 W/kg

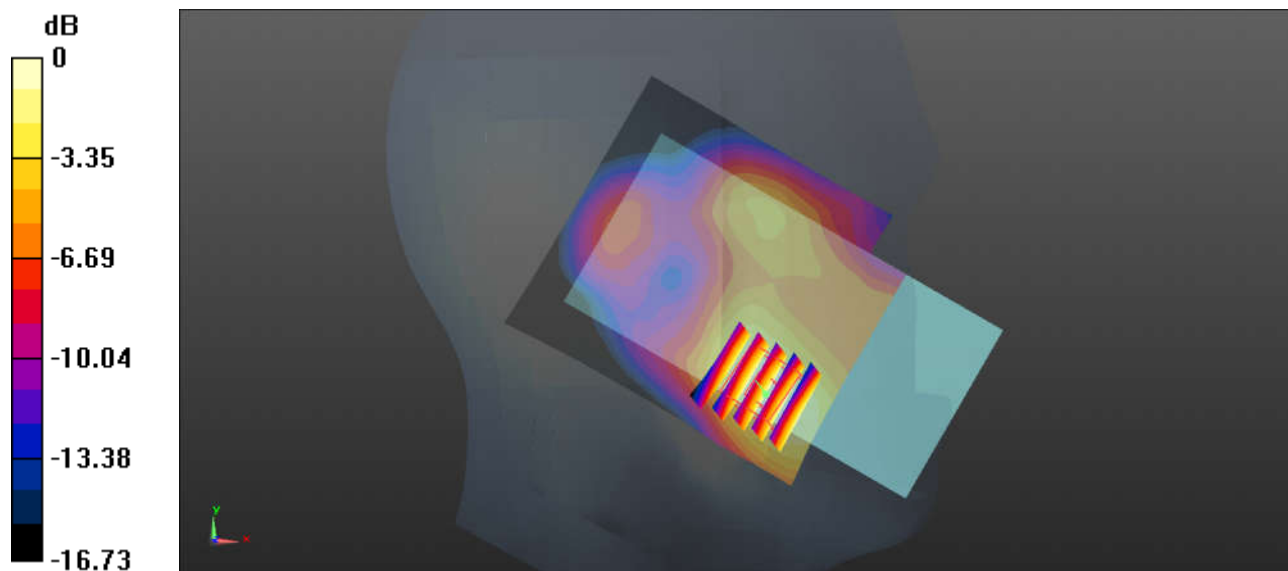
**Ch25/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.58 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.360 W/kg

**SAR(1 g) = 0.230 W/kg; SAR(10 g) = 0.142 W/kg**

Maximum value of SAR (measured) = 0.315 W/kg



0 dB = 0.315 W/kg = -5.02 dBW/kg

**09\_LTE Band 71\_20M\_QPSK\_1RB\_0Offset\_Right Cheek\_0mm\_Ch133322**

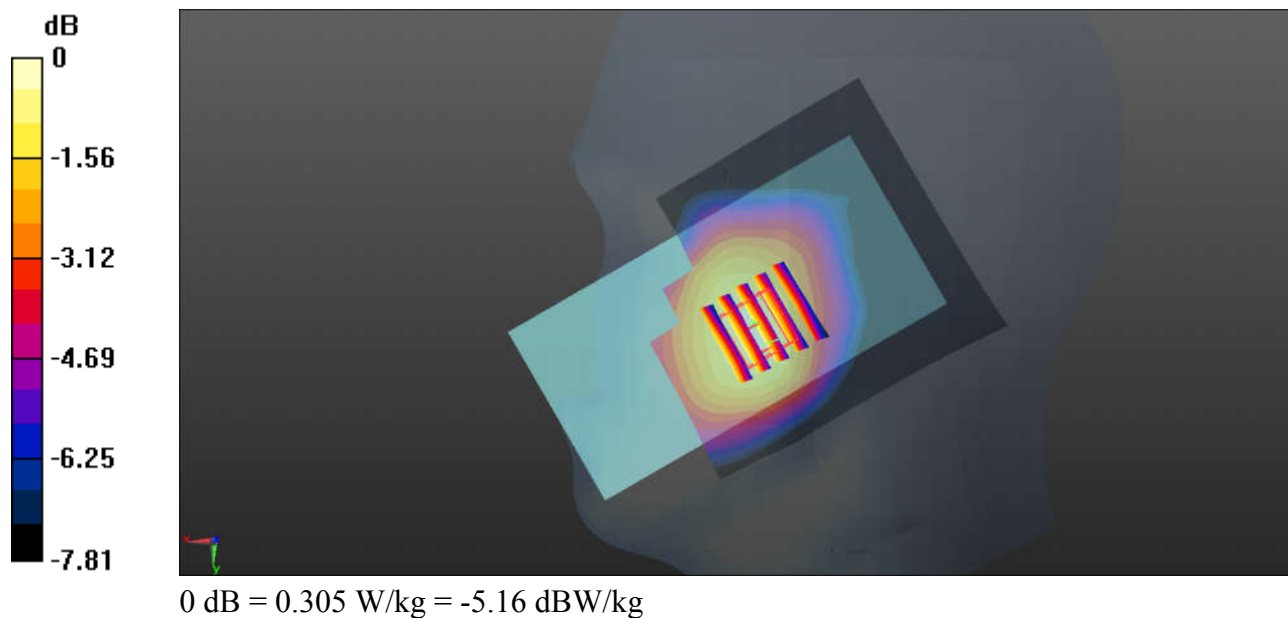
Communication System: UID 0, LTE-FDD (0); Frequency: 683 MHz; Duty Cycle: 1:1  
Medium: HSL\_750 Medium parameters used:  $f = 683$  MHz;  $\sigma = 0.852$  S/m;  $\epsilon_r = 42.988$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.6 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3935; ConvF(10.68, 10.68, 10.68); Calibrated: 2017.12.14;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2017.12.4
- Phantom: SAM2; Type: SAM; Serial: TP-1842
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch133322/Area Scan (71x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.286 W/kg

**Ch133322/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 18.26 V/m; Power Drift = 0.01 dB  
Peak SAR (extrapolated) = 0.335 W/kg  
**SAR(1 g) = 0.240 W/kg; SAR(10 g) = 0.190 W/kg**  
Maximum value of SAR (measured) = 0.305 W/kg



**10\_LTE Band 12\_10M\_QPSK\_1RB\_0Offset\_Right Cheek\_5mm\_Ch23095**

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

Medium: HSL\_750 Medium parameters used:  $f = 707.5$  MHz;  $\sigma = 0.864$  S/m;  $\epsilon_r = 42.662$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3935; ConvF(10.68, 10.68, 10.68); Calibrated: 2017.12.14;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2017.12.4
- Phantom: SAM2; Type: SAM; Serial: TP-1842
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch23095/Area Scan (71x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.327 W/kg

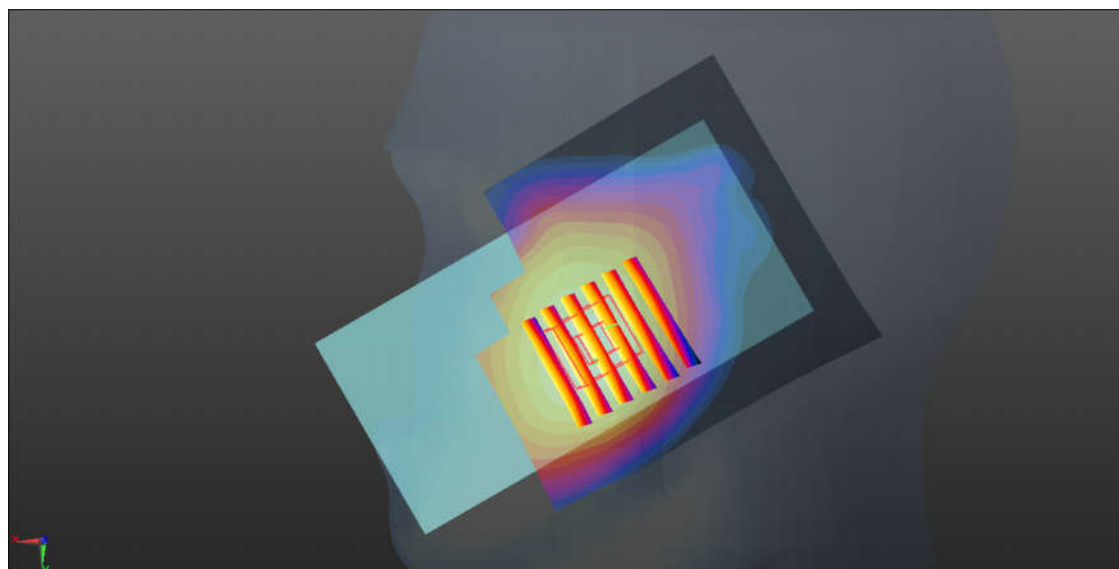
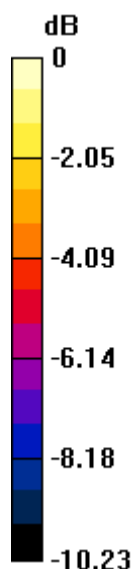
**Ch23095/Zoom Scan (6x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.94 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.376 W/kg

**SAR(1 g) = 0.287 W/kg; SAR(10 g) = 0.227 W/kg**

Maximum value of SAR (measured) = 0.345 W/kg



0 dB = 0.345 W/kg = -4.62 dBW/kg

**11\_LTE Band 13\_10M\_QPSK\_1RB\_0Offset\_Right Cheek\_5mm\_Ch23230**

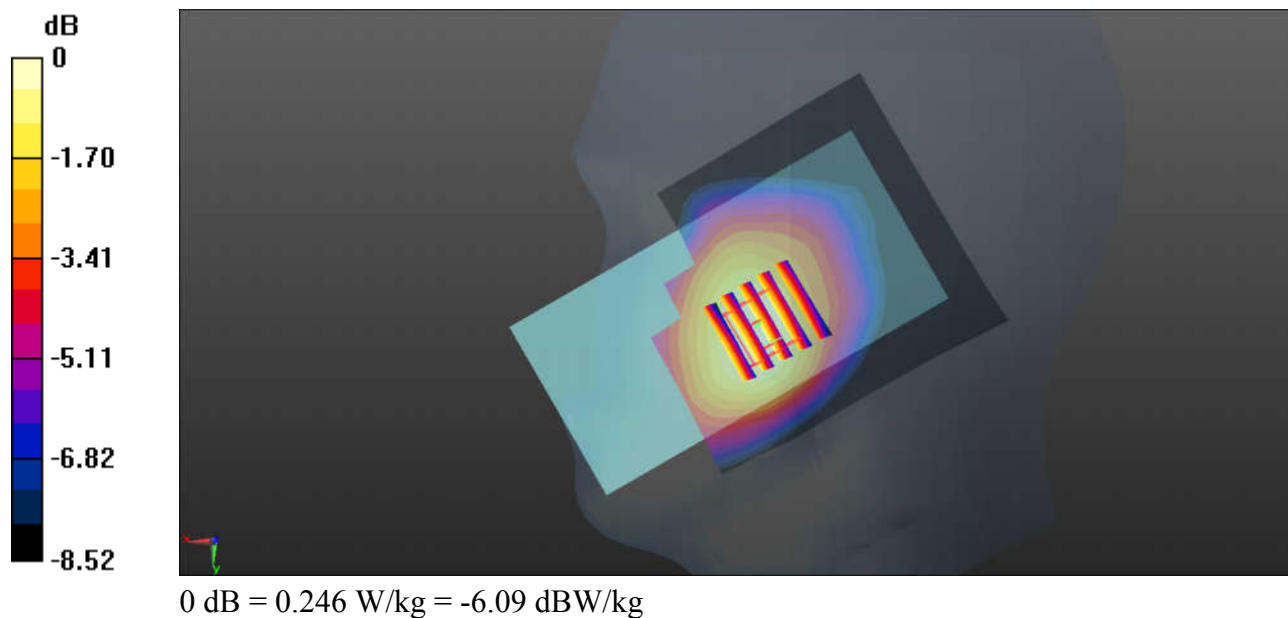
Communication System: UID 0, LTE-FDD (0); Frequency: 782 MHz; Duty Cycle: 1:1  
Medium: HSL\_750 Medium parameters used:  $f = 782$  MHz;  $\sigma = 0.926$  S/m;  $\epsilon_r = 41.68$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.6 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3935; ConvF(10.68, 10.68, 10.68); Calibrated: 2017.12.14;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2017.12.4
- Phantom: SAM2; Type: SAM; Serial: TP-1842
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch23230/Area Scan (71x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.246 W/kg

**Ch23230/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 16.76 V/m; Power Drift = -0.06 dB  
Peak SAR (extrapolated) = 0.271 W/kg  
**SAR(1 g) = 0.198 W/kg; SAR(10 g) = 0.152 W/kg**  
Maximum value of SAR (measured) = 0.246 W/kg



**12\_LTE Band 14\_10M\_QPSK\_1RB\_0Offset\_Right Cheek\_5mm\_Ch23330**

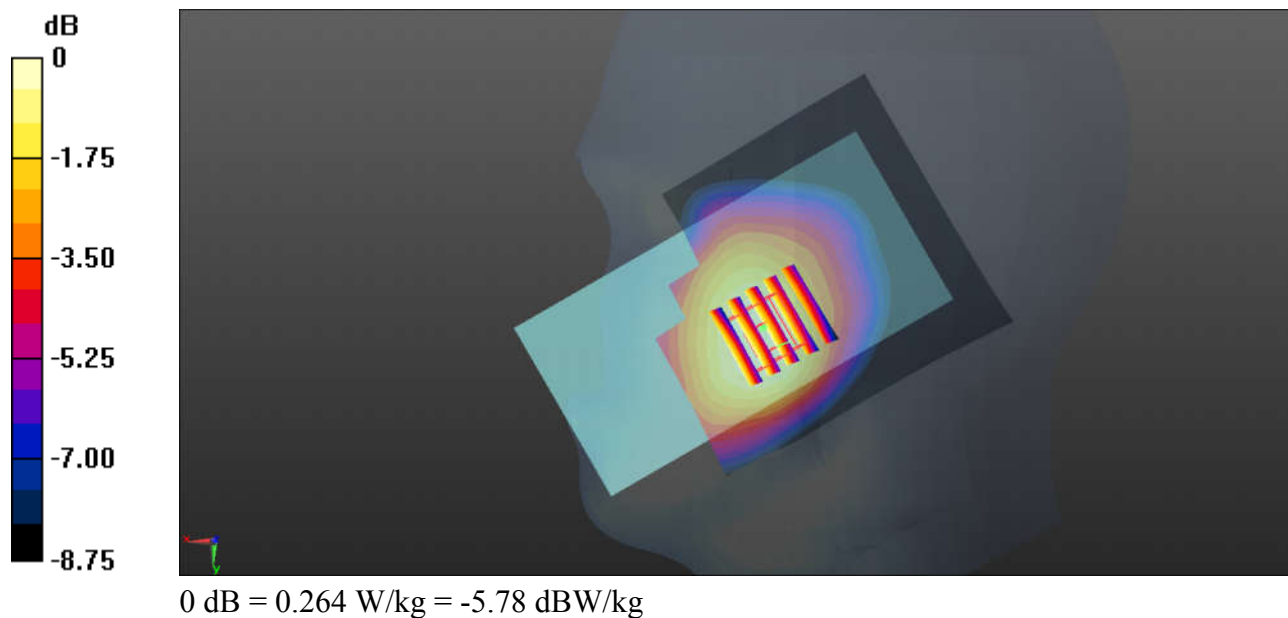
Communication System: UID 0, LTE-FDD (0); Frequency: 793 MHz; Duty Cycle: 1:1  
Medium: HSL\_750 Medium parameters used:  $f = 793$  MHz;  $\sigma = 0.936$  S/m;  $\epsilon_r = 41.54$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.6 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3935; ConvF(10.68, 10.68, 10.68); Calibrated: 2017.12.14;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2017.12.4
- Phantom: SAM2; Type: SAM; Serial: TP-1842
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch23330/Area Scan (71x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.273 W/kg

**Ch23330/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 17.62 V/m; Power Drift = -0.07 dB  
Peak SAR (extrapolated) = 0.293 W/kg  
**SAR(1 g) = 0.219 W/kg; SAR(10 g) = 0.169 W/kg**  
Maximum value of SAR (measured) = 0.264 W/kg



**13\_LTE Band 26\_15M\_QPSK\_1RB\_74Offset\_Right Cheek\_0mm\_Ch26865**

Communication System: UID 0, LTE-FDD (0); Frequency: 831.5 MHz; Duty Cycle: 1:1

Medium: HSL\_850 Medium parameters used:  $f = 831.5$  MHz;  $\sigma = 0.905$  S/m;  $\epsilon_r = 42.305$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.7 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3935; ConvF(10.36, 10.36, 10.36); Calibrated: 2017.12.14;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2017.12.4
- Phantom: SAM2; Type: SAM; Serial: TP-1842
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.11 (7439)

**Ch26865/Area Scan (71x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.393 W/kg

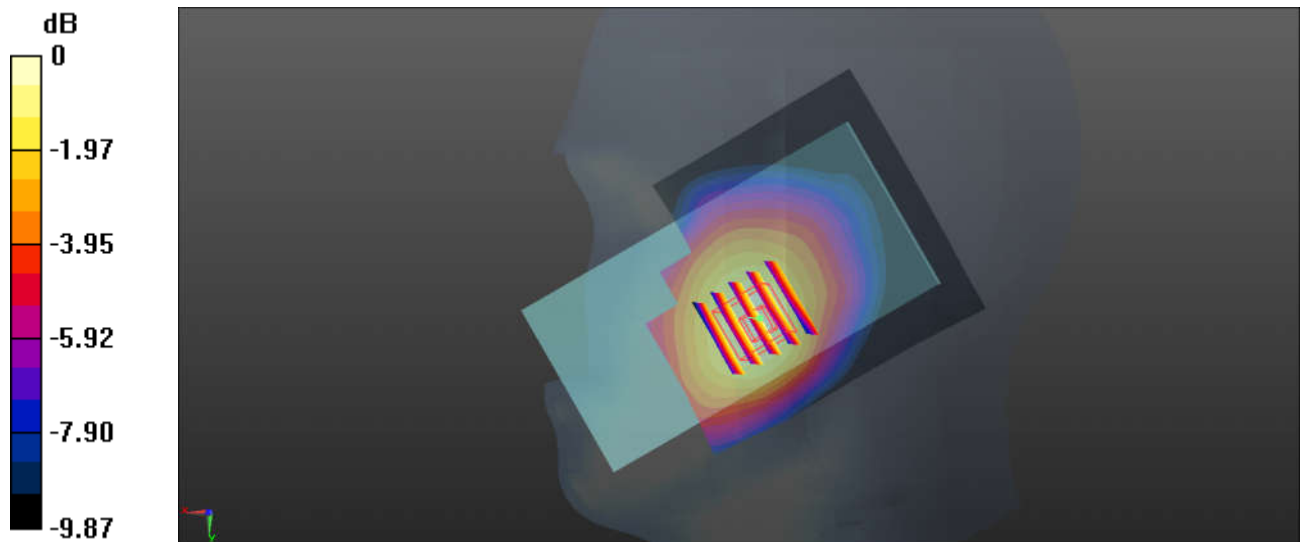
**Ch26865/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.89 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.473 W/kg

**SAR(1 g) = 0.323 W/kg; SAR(10 g) = 0.240 W/kg**

Maximum value of SAR (measured) = 0.424 W/kg



0 dB = 0.424 W/kg = -3.73 dBW/kg

**14\_LTE Band 66\_20M\_QPSK\_1RB\_99Offset\_Left Cheek\_0mm\_Ch132322**

Communication System: UID 0, LTE-FDD (0); Frequency: 1745 MHz; Duty Cycle: 1:1  
Medium: HSL\_1750 Medium parameters used:  $f = 1745$  MHz;  $\sigma = 1.34$  S/m;  $\epsilon_r = 41.159$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.6 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3935; ConvF(8.85, 8.85, 8.85); Calibrated: 2017.12.14;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2017.12.4
- Phantom: SAM1; Type: SAM; Serial: TP-1839
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch132322/Area Scan (71x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.248 W/kg

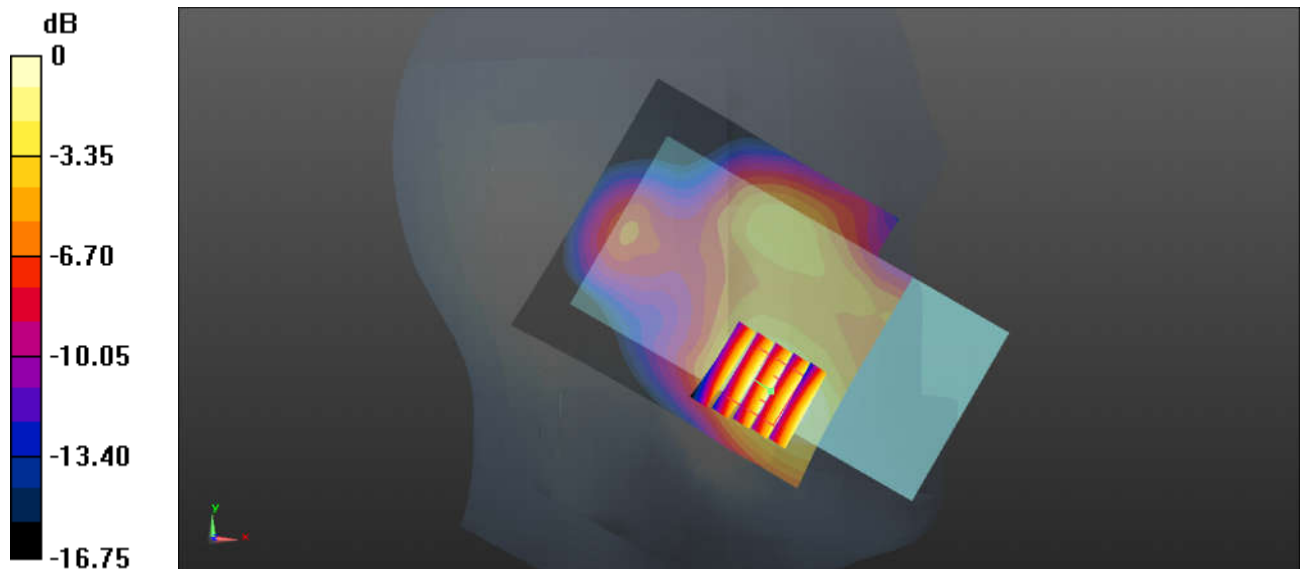
**Ch132322/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.09 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.281 W/kg

**SAR(1 g) = 0.187 W/kg; SAR(10 g) = 0.119 W/kg**

Maximum value of SAR (measured) = 0.250 W/kg



0 dB = 0.250 W/kg = -6.02 dBW/kg

**15\_LTE Band 25\_20M\_QPSK\_1RB\_49Offset\_Left Cheek\_0mm\_Ch26140**

Communication System: UID 0, LTE-FDD (0); Frequency: 1860 MHz; Duty Cycle: 1:1

Medium: HSL\_1900 Medium parameters used:  $f = 1860$  MHz;  $\sigma = 1.381$  S/m;  $\epsilon_r = 40.115$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3935; ConvF(8.41, 8.41, 8.41); Calibrated: 2017.12.14;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2017.12.4
- Phantom: SAM1; Type: SAM; Serial: TP-1839
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch26140/Area Scan (71x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.257 W/kg

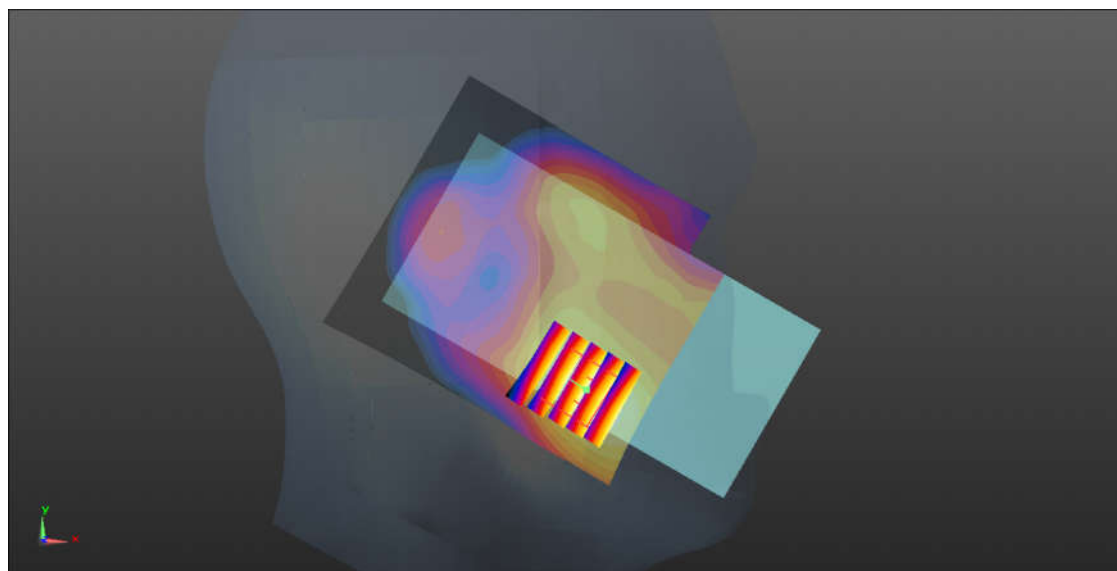
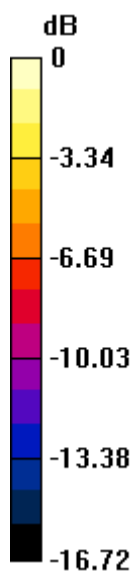
**Ch26140/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.26 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.304 W/kg

**SAR(1 g) = 0.192 W/kg; SAR(10 g) = 0.118 W/kg**

Maximum value of SAR (measured) = 0.264 W/kg



0 dB = 0.264 W/kg = -5.78 dBW/kg

**16\_LTE Band 30\_10M\_QPSK\_1RB\_0Offset\_Left Cheek\_0mm\_Ch27710**

Communication System: UID 0, LTE-FDD (0); Frequency: 2310 MHz; Duty Cycle: 1:1

Medium: HSL\_2300 Medium parameters used:  $f = 2310$  MHz;  $\sigma = 1.704$  S/m;  $\epsilon_r = 39.007$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3935; ConvF(8.39, 8.39, 8.39); Calibrated: 2017.12.14;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2017.12.4
- Phantom: SAM2; Type: SAM; Serial: TP-1842
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch27710/Area Scan (91x101x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.321 W/kg

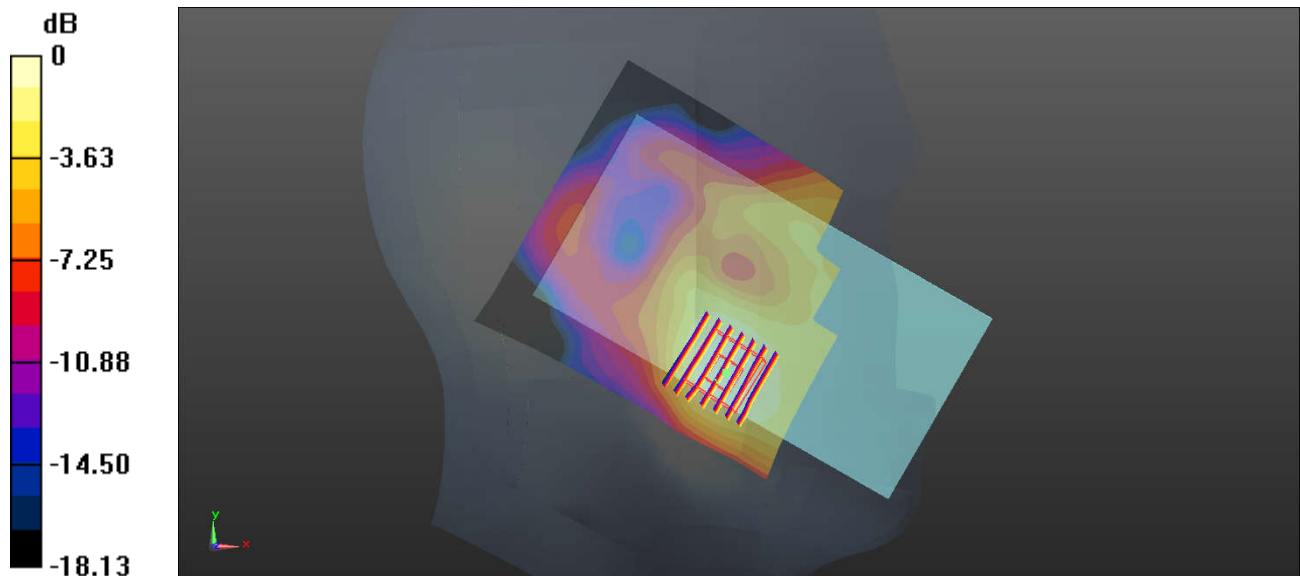
**Ch27710/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.84 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.370 W/kg

**SAR(1 g) = 0.209 W/kg; SAR(10 g) = 0.122 W/kg**

Maximum value of SAR (measured) = 0.306 W/kg



0 dB = 0.306 W/kg = -5.14 dBW/kg

**17\_LTE Band 7\_20M\_QPSK\_1RB\_49Offset\_Right Tilted\_0mm\_Ch21350**

Communication System: UID 0, LTE-FDD (0); Frequency: 2560 MHz; Duty Cycle: 1:1

Medium: HSL\_2600 Medium parameters used:  $f = 2560$  MHz;  $\sigma = 1.991$  S/m;  $\epsilon_r = 38.043$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.9 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3935; ConvF(7.67, 7.67, 7.67); Calibrated: 2017.12.14;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2017.12.4
- Phantom: SAM2; Type: SAM; Serial: TP-1842
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch21350/Area Scan (91x101x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.320 W/kg

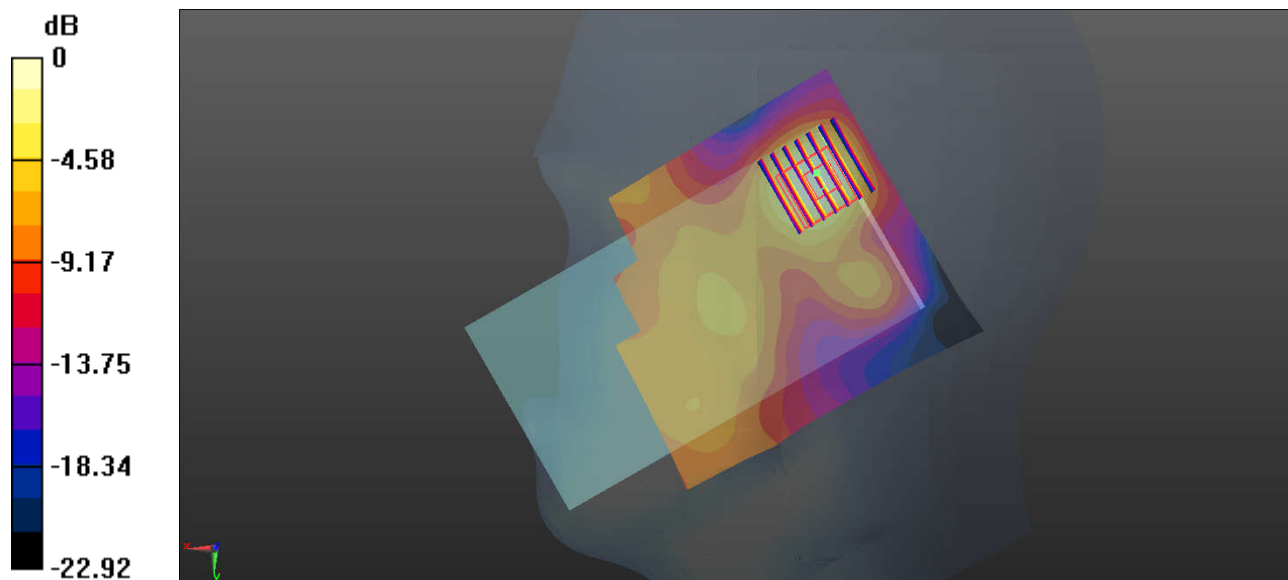
**Ch21350/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.69 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.379 W/kg

**SAR(1 g) = 0.196 W/kg; SAR(10 g) = 0.091 W/kg**

Maximum value of SAR (measured) = 0.305 W/kg



0 dB = 0.305 W/kg = -5.16 dBW/kg

**18\_LTE Band 41\_20M\_QPSK\_1RB\_49Offset\_Left Cheek\_0mm\_HPUE\_Ch41490**

Communication System: UID 0, LTE-TDD (0); Frequency: 2680 MHz; Duty Cycle: 1:1.59

Medium: HSL\_2600 Medium parameters used:  $f = 2680$  MHz;  $\sigma = 2.133$  S/m;  $\epsilon_r = 37.561$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.9 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3935; ConvF(7.67, 7.67, 7.67); Calibrated: 2017.12.14;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2017.12.4
- Phantom: SAM2; Type: SAM; Serial: TP-1842
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch41490/Area Scan (81x101x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.371 W/kg

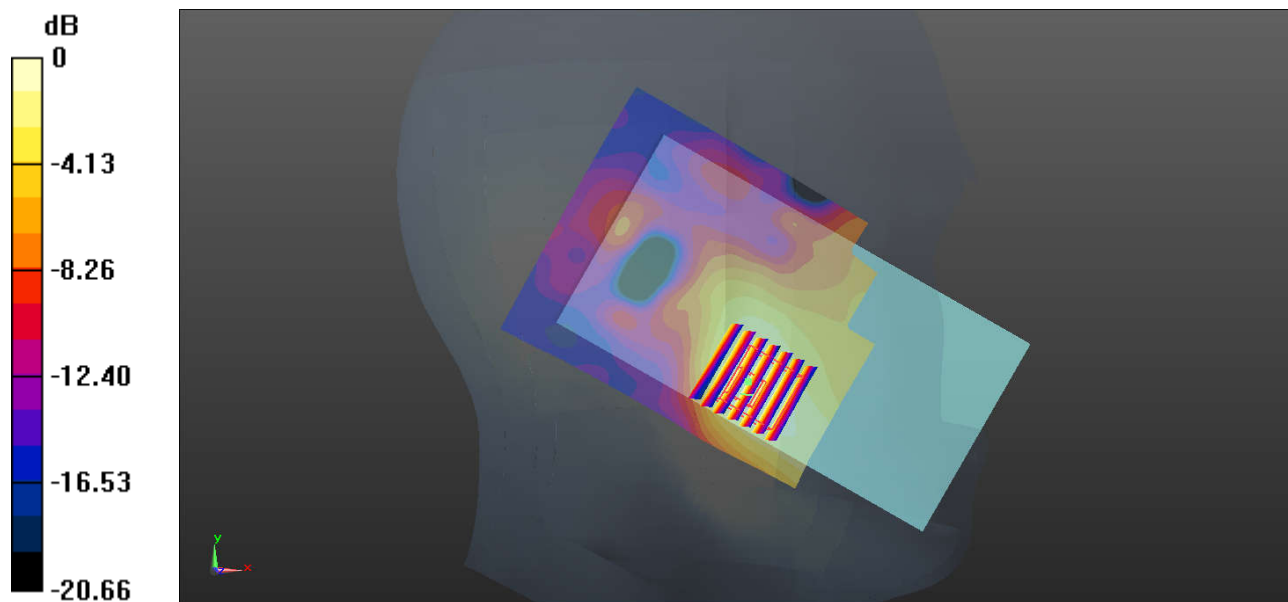
**Ch41490/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.89 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.426 W/kg

**SAR(1 g) = 0.212 W/kg; SAR(10 g) = 0.109 W/kg**

Maximum value of SAR (measured) = 0.336 W/kg



0 dB = 0.336 W/kg = -4.74 dBW/kg

**19\_WLAN2.4GHZ\_802.11b 1Mbps\_Left Cheek\_0mm\_Ch11**

Communication System: UID 0, 802.11b (0); Frequency: 2462 MHz; Duty Cycle: 1:1.025

Medium: HSL\_2450 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.876$  S/m;  $\epsilon_r = 38.423$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.6 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3935; ConvF(7.87, 7.87, 7.87); Calibrated: 2017.12.14;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2017.12.4
- Phantom: SAM2; Type: SAM; Serial: TP-1842
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch11/Area Scan (91x91x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.05 W/kg

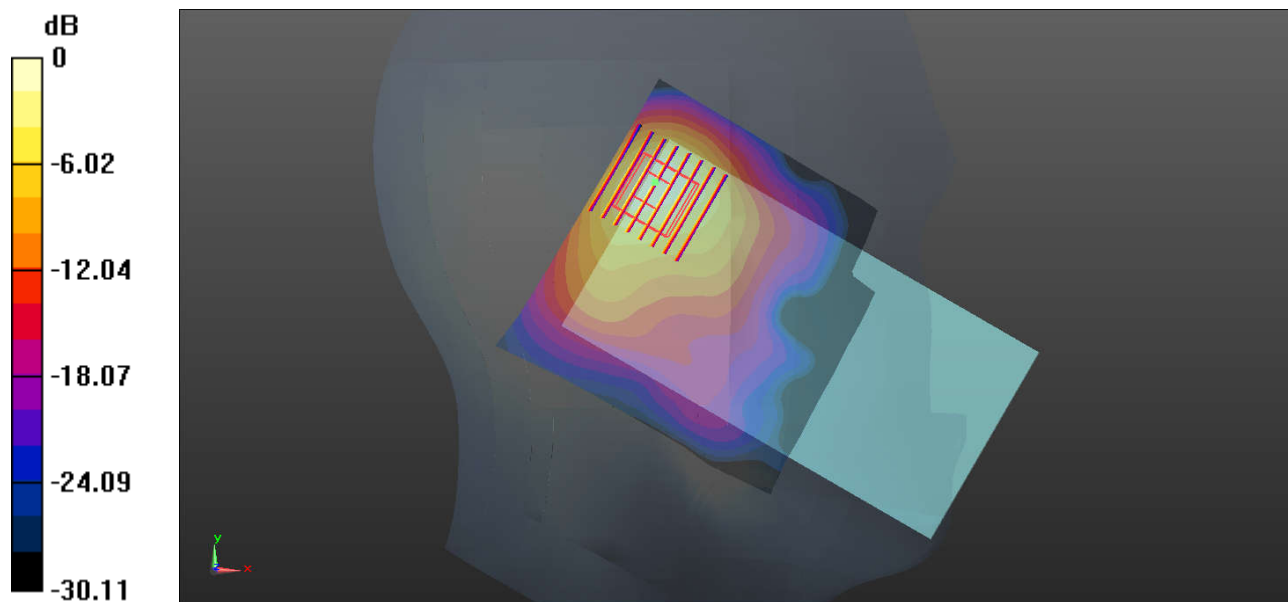
**Ch11/Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 24.03 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.32 W/kg

**SAR(1 g) = 0.568 W/kg; SAR(10 g) = 0.255 W/kg**

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



0 dB = 1.00 W/kg = 0.00 dBW/kg

**20\_WLAN 5GHz\_802.11a 6Mbps\_Left Tilted\_0mm\_Ch64**

Communication System: UID 0, 802.11a (0); Frequency: 5320 MHz; Duty Cycle: 1:1.149

Medium: HSL\_5000 Medium parameters used:  $f = 5320$  MHz;  $\sigma = 4.972$  S/m;  $\epsilon_r = 37.264$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3857; ConvF(5.2, 5.2, 5.2); Calibrated: 2018.5.31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2018.10.22
- Phantom: SAM2; Type: SAM; Serial: TP-1842
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch64/Area Scan (101x91x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.929 W/kg

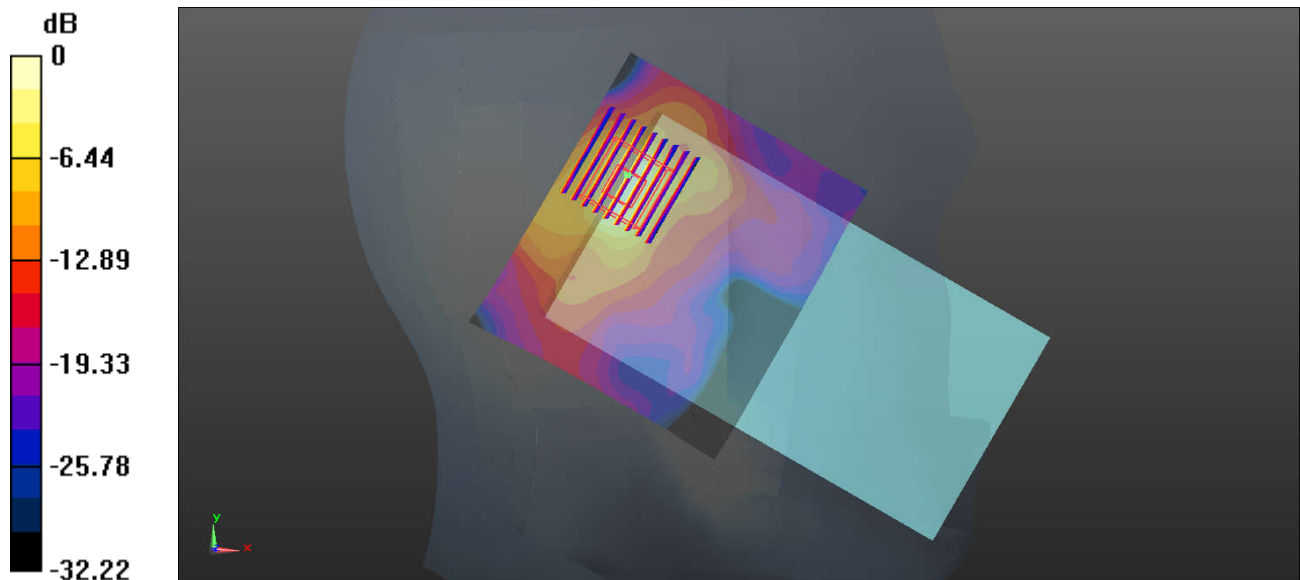
**Ch64/Zoom Scan (9x9x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 14.56 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.61 W/kg

**SAR(1 g) = 0.367 W/kg; SAR(10 g) = 0.124 W/kg**

Maximum value of SAR (measured) = 0.913 W/kg



0 dB = 0.913 W/kg = -0.40 dBW/kg

**21\_WLAN 5GHz\_802.11a 6Mbps\_Left Cheek\_0mm\_Ch100**

Communication System: UID 0, 802.11a (0); Frequency: 5500 MHz; Duty Cycle: 1:1.149

Medium: HSL\_5000 Medium parameters used:  $f = 5500$  MHz;  $\sigma = 5.188$  S/m;  $\epsilon_r = 36.604$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3857; ConvF(4.94, 4.94, 4.94); Calibrated: 2018.5.31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2018.10.22
- Phantom: SAM2; Type: SAM; Serial: TP-1842
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch100/Area Scan (101x101x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.789 W/kg

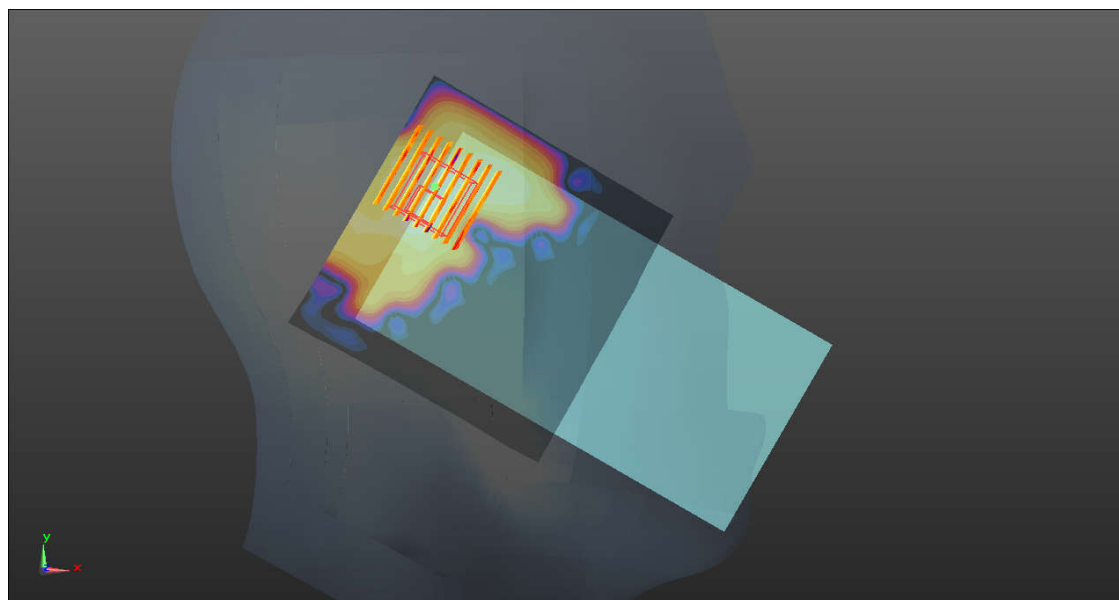
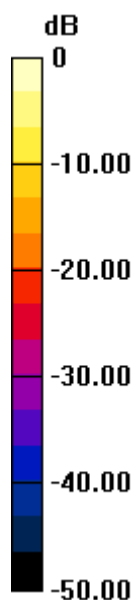
**Ch100/Zoom Scan (9x9x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 13.13 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.19 W/kg

**SAR(1 g) = 0.288 W/kg; SAR(10 g) = 0.101 W/kg**

Maximum value of SAR (measured) = 0.727 W/kg



0 dB = 0.727 W/kg = -1.38 dBW/kg

**22\_WLAN 5GHz\_802.11a 6Mbps\_Left Tilted\_0mm\_Ch157**

Communication System: UID 0, 802.11a (0); Frequency: 5785 MHz; Duty Cycle: 1:1.149

Medium: HSL\_5000 Medium parameters used:  $f = 5785$  MHz;  $\sigma = 5.506$  S/m;  $\epsilon_r = 36.196$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.9 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3857; ConvF(5.23, 5.23, 5.23); Calibrated: 2018.5.31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2018.10.22
- Phantom: SAM2; Type: SAM; Serial: TP-1842
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch157/Area Scan (101x91x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.602 W/kg

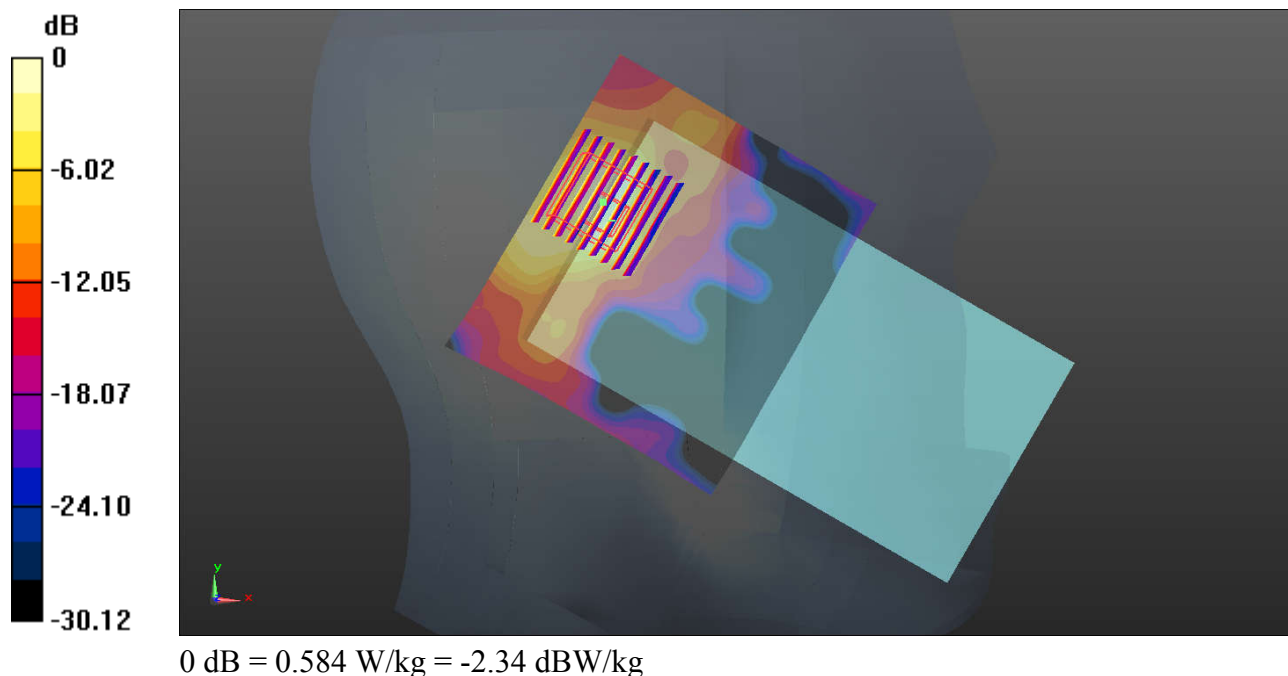
**Ch157/Zoom Scan (9x9x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 10.87 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 1.06 W/kg

**SAR(1 g) = 0.244 W/kg; SAR(10 g) = 0.090 W/kg**

Maximum value of SAR (measured) = 0.584 W/kg



**23\_Bluetooth\_DH5 1Mbps\_Left Cheek\_0mm\_Ch78**

Communication System: UID 0, Bluetooth (0); Frequency: 2480 MHz; Duty Cycle: 1:1.304  
Medium: HSL\_2450 Medium parameters used:  $f = 2480$  MHz;  $\sigma = 1.881$  S/m;  $\epsilon_r = 38.89$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.6 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3935; ConvF(7.87, 7.87, 7.87); Calibrated: 2017.12.14;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2017.12.4
- Phantom: SAM2; Type: SAM; Serial: TP-1842
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch78/Area Scan (91x91x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

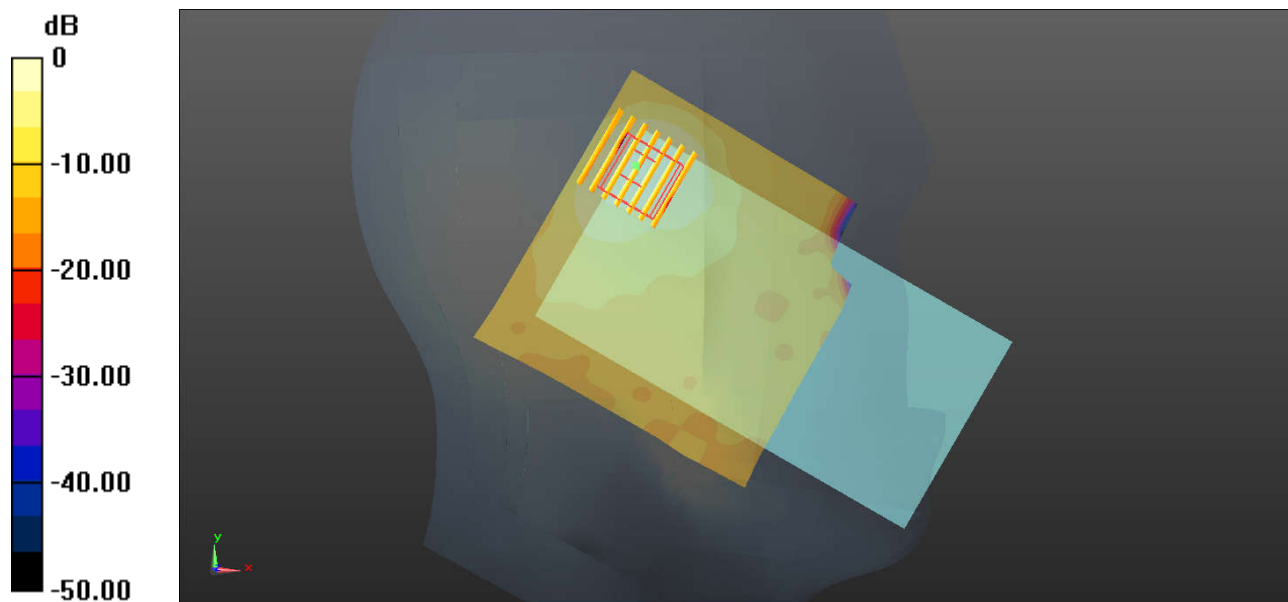
**Ch78/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.14 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.246 W/kg

**SAR(1 g) = 0.103 W/kg; SAR(10 g) = 0.047 W/kg**

Maximum value of SAR (measured) = 0.182 W/kg



0 dB = 0.182 W/kg = -7.40 dBW/kg

**24\_GSM850\_GPRS (4 Tx slots)\_Front\_5mm\_Ch251**

Communication System: UID 0, GSM850-4UP (0); Frequency: 848.8 MHz; Duty Cycle: 1:2.08  
Medium: MSL\_850 Medium parameters used:  $f = 848.8$  MHz;  $\sigma = 1.003$  S/m;  $\epsilon_r = 55.128$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.7 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3935; ConvF(10.33, 10.33, 10.33); Calibrated: 2017.12.14
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2017.12.4
- Phantom: SAM1; Type: SAM; Serial: TP-1839
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch251/Area Scan (71x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.41 W/kg

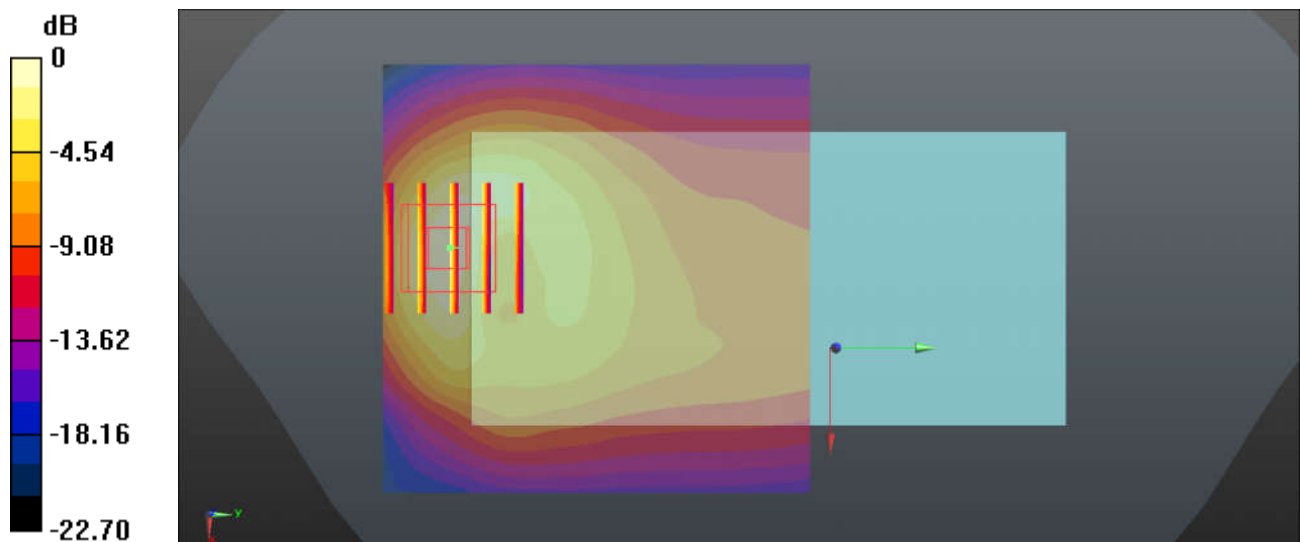
**Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 39.13 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.75 W/kg

**SAR(1 g) = 0.861 W/kg; SAR(10 g) = 0.458 W/kg**

Maximum value of SAR (measured) = 1.44 W/kg



0 dB = 1.44 W/kg = 1.58 dBW/kg

**25\_GSM1900\_GPRS (4 Tx slots)\_Front\_5mm\_Ch810**

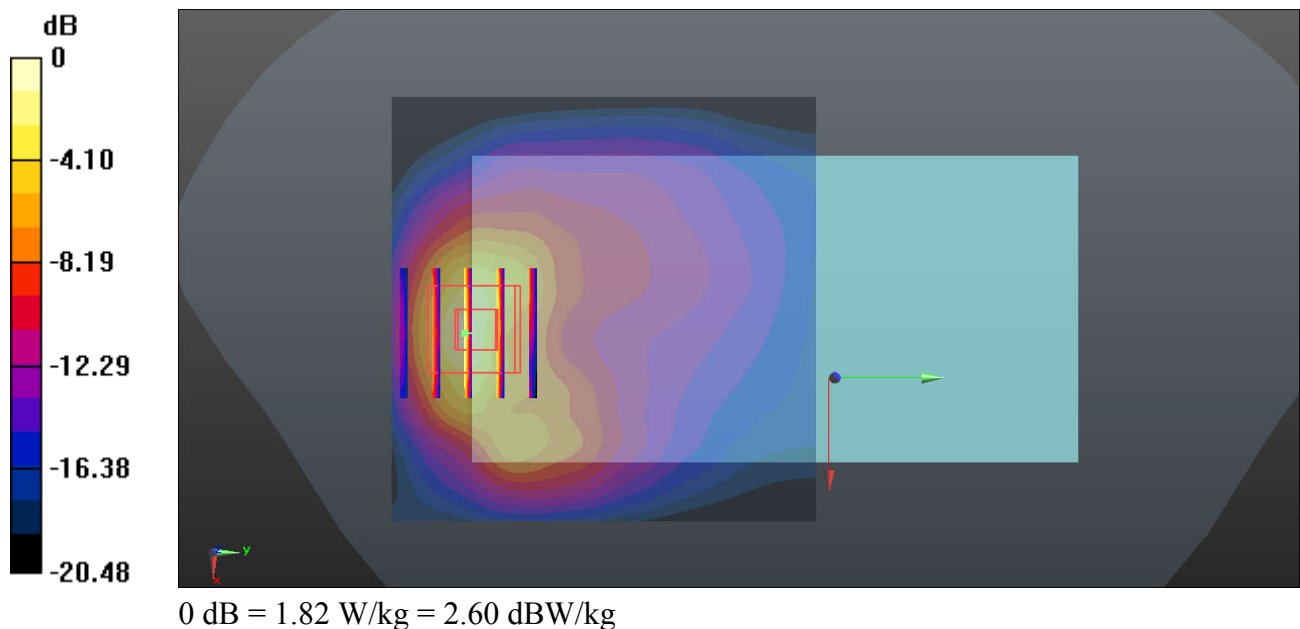
Communication System: UID 0, PCS-4UP (0); Frequency: 1909.8 MHz; Duty Cycle: 1:2.08  
Medium: MSL\_1900 Medium parameters used:  $f = 1909.8$  MHz;  $\sigma = 1.53$  S/m;  $\epsilon_r = 53.868$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.8 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3935; ConvF(8.3, 8.3, 8.3); Calibrated: 2017.12.14;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2017.12.4
- Phantom: SAM2; Type: SAM; Serial: TP-1842
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch810/Area Scan (71x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 1.53 W/kg

**Ch810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 35.54 V/m; Power Drift = -0.01 dB  
Peak SAR (extrapolated) = 2.61 W/kg  
**SAR(1 g) = 1.26 W/kg; SAR(10 g) = 0.567 W/kg**  
Maximum value of SAR (measured) = 1.82 W/kg



**26\_WCDMA V\_RMC 12.2Kbps\_Front\_5mm\_Ch4182**

Communication System: UID 0, WCDMA (0); Frequency: 836.4 MHz; Duty Cycle: 1:1  
Medium: MSL\_850 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.991$  S/m;  $\epsilon_r = 55.26$ ;  $\rho = 1000$

kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.7 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3935; ConvF(10.33, 10.33, 10.33); Calibrated: 2017.12.14;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2017.12.4
- Phantom: SAM1; Type: SAM; Serial: TP-1839
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch4182/Area Scan (71x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.96 W/kg

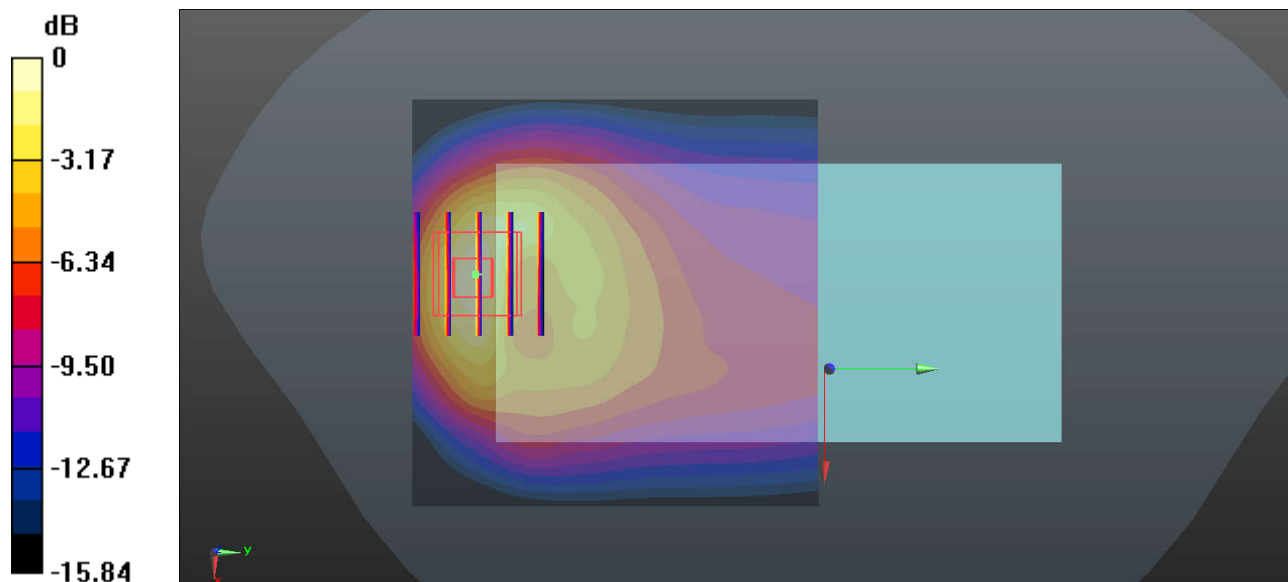
**Ch4182/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 46.11 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 2.44 W/kg

**SAR(1 g) = 1.17 W/kg; SAR(10 g) = 0.623 W/kg**

Maximum value of SAR (measured) = 1.98 W/kg



0 dB = 1.98 W/kg = 2.97 dBW/kg

**27\_WCDMA IV\_RMC 12.2Kbps\_Front\_5mm\_Ch1312**

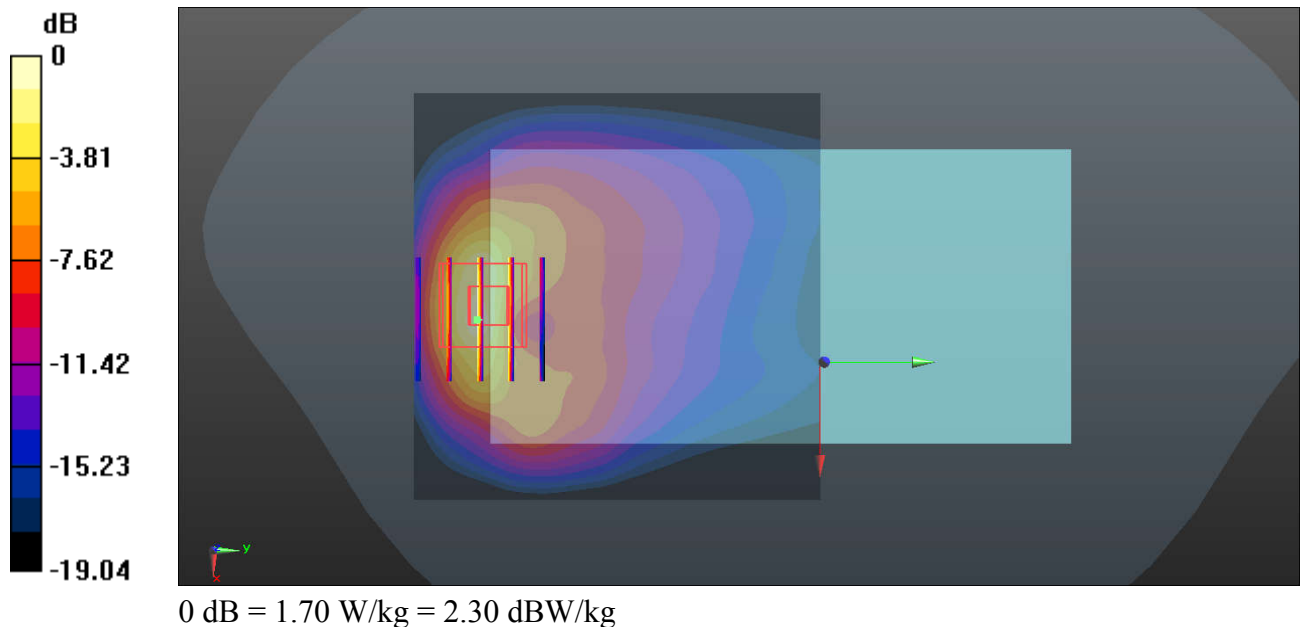
Communication System: UID 0, WCDMA (0); Frequency: 1712.4 MHz; Duty Cycle: 1:1  
Medium: MSL\_1750 Medium parameters used:  $f = 1712.4$  MHz;  $\sigma = 1.404$  S/m;  $\epsilon_r = 54.601$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.6 °C

**DASY5 Configuration:**

- Probe: ES3DV3 - SN3293; ConvF(5.01, 5.01, 5.01); Calibrated: 2018.10.25;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2018.10.22
- Phantom: SAM2; Type: SAM; Serial: TP-1842
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch1312/Area Scan (71x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 1.53 W/kg

**Ch1312/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 36.03 V/m; Power Drift = -0.10 dB  
Peak SAR (extrapolated) = 2.56 W/kg  
**SAR(1 g) = 1.28 W/kg; SAR(10 g) = 0.596 W/kg**  
Maximum value of SAR (measured) = 1.70 W/kg



**28\_WCDMA II\_RMC 12.2Kbps\_Front\_5mm\_Ch9400**

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

Medium: MSL\_1900 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.495$  S/m;  $\epsilon_r = 53.992$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3935; ConvF(8.3, 8.3, 8.3); Calibrated: 2017.12.14;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2017.12.4
- Phantom: SAM2; Type: SAM; Serial: TP-1842
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch9400/Area Scan (71x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 2.03 W/kg

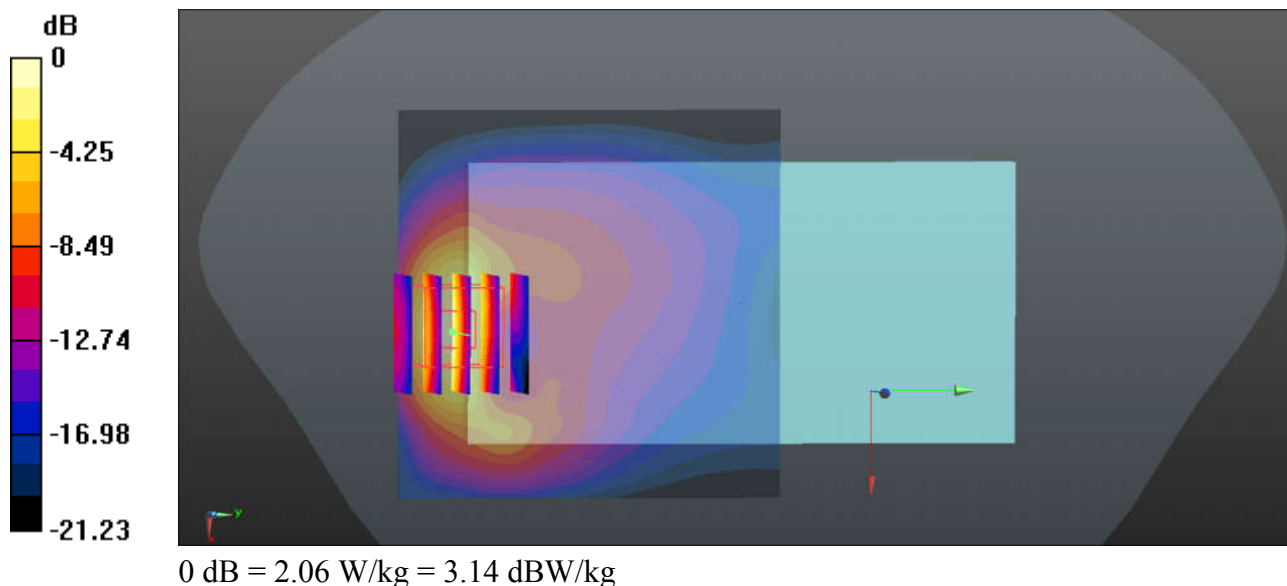
**Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 38.10 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 2.45 W/kg

**SAR(1 g) = 1.23 W/kg; SAR(10 g) = 0.566 W/kg**

Maximum value of SAR (measured) = 2.06 W/kg



**29\_CDMA2000 BC0\_RTAP 153.6Kbps\_Back\_5mm\_Ch384**

Communication System: UID 0, CDMA (0); Frequency: 836.52 MHz; Duty Cycle: 1:1  
Medium: MSL\_850 Medium parameters used:  $f = 836.52$  MHz;  $\sigma = 0.992$  S/m;  $\epsilon_r = 55.257$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.7 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3935; ConvF(10.33, 10.33, 10.33); Calibrated: 2017.12.14;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2017.12.4
- Phantom: SAM1; Type: SAM; Serial: TP-1839
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch384/Area Scan (71x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.76 W/kg

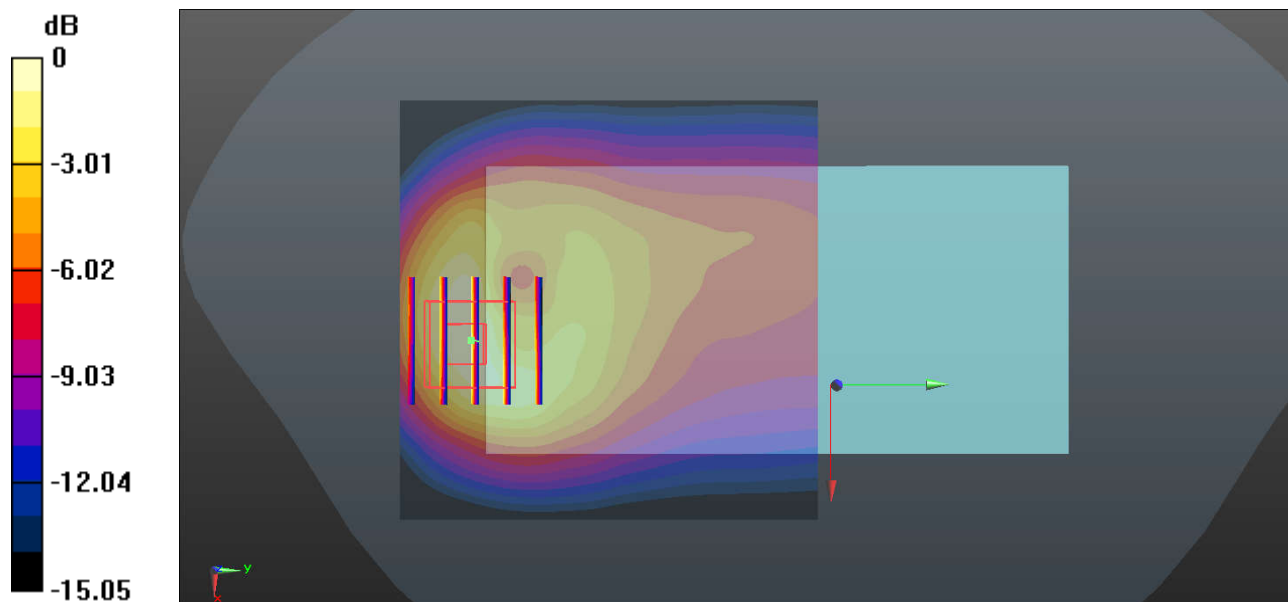
**Ch384/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 42.92 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 2.11 W/kg

**SAR(1 g) = 1.08 W/kg; SAR(10 g) = 0.594 W/kg**

Maximum value of SAR (measured) = 1.72 W/kg



0 dB = 1.72 W/kg = 2.36 dBW/kg

**30\_CDMA BC10\_RTAP 153.6Kbps\_Front\_5mm\_Ch684**

Communication System: UID 0, CDMA (0); Frequency: 823.1 MHz; Duty Cycle: 1:1

Medium: MSL\_850 Medium parameters used:  $f = 823.1$  MHz;  $\sigma = 0.979$  S/m;  $\epsilon_r = 55.412$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3935; ConvF(10.33, 10.33, 10.33); Calibrated: 2017.12.14;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2017.12.4
- Phantom: SAM1; Type: SAM; Serial: TP-1839
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch684/Area Scan (71x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.59 W/kg

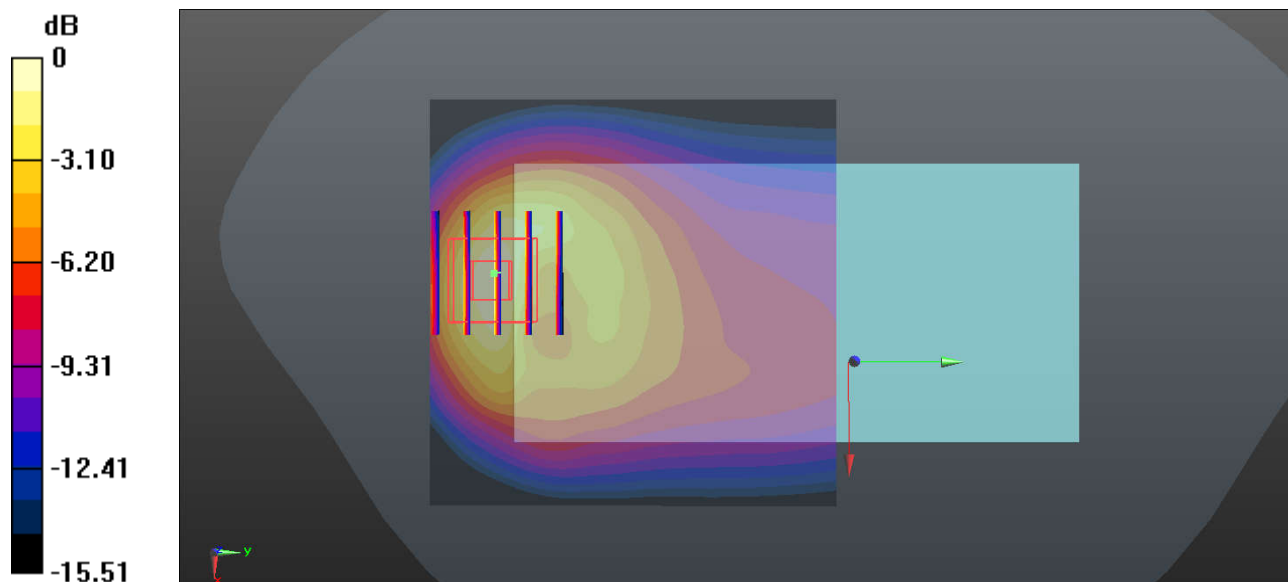
**Ch684/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 41.91 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.94 W/kg

**SAR(1 g) = 0.931 W/kg; SAR(10 g) = 0.495 W/kg**

Maximum value of SAR (measured) = 1.58 W/kg



0 dB = 1.58 W/kg = 1.99 dBW/kg

**31\_CDMA BC1\_RTAP 153.6Kbps\_Bottom Side\_5mm\_Ch25**

Communication System: UID 0, CDMA (0); Frequency: 1851.25 MHz; Duty Cycle: 1:1  
Medium: MSL\_1900 Medium parameters used:  $f = 1851.25$  MHz;  $\sigma = 1.462$  S/m;  $\epsilon_r = 54.077$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.8 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3935; ConvF(8.3, 8.3, 8.3); Calibrated: 2017.12.14;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2017.12.4
- Phantom: SAM2; Type: SAM; Serial: TP-1842
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch25/Area Scan (41x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.76 W/kg

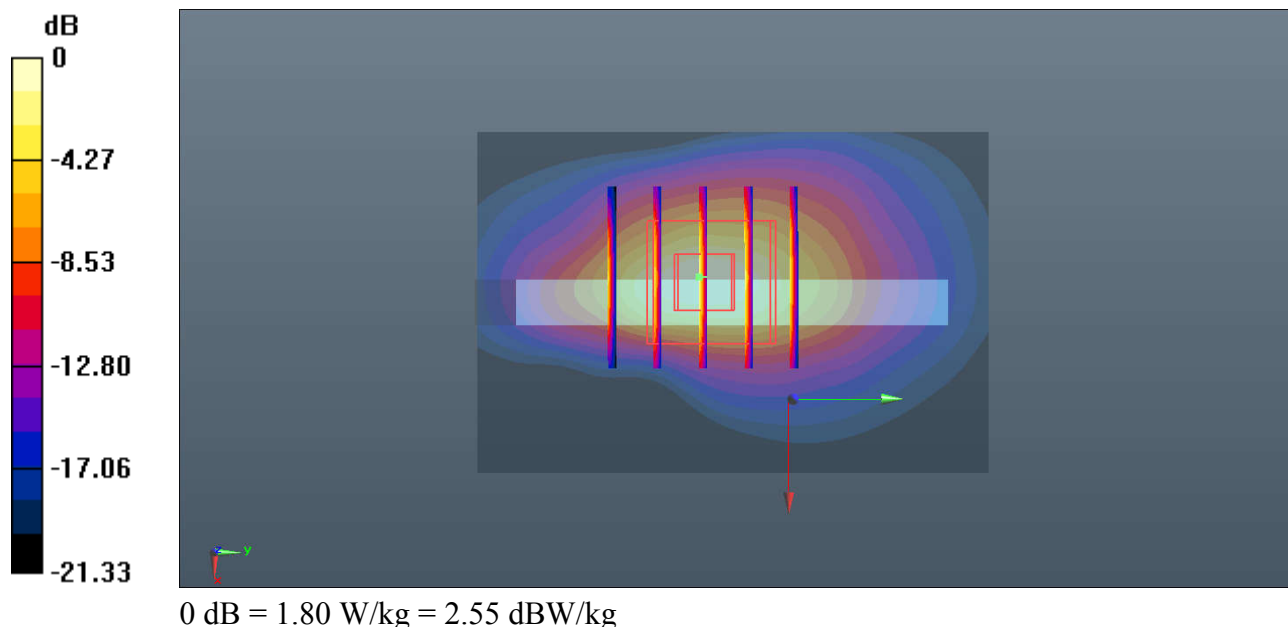
**Ch25/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 36.44 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 2.66 W/kg

**SAR(1 g) = 1.35 W/kg; SAR(10 g) = 0.616 W/kg**

Maximum value of SAR (measured) = 1.80 W/kg



**32\_LTE Band 71\_20M\_QPSK\_1RB\_0Offset\_Front\_5mm\_Ch133322**

Communication System: UID 0, LTE-FDD (0); Frequency: 683 MHz; Duty Cycle: 1:1  
Medium: MSL\_750 Medium parameters used:  $f = 683$  MHz;  $\sigma = 0.914$  S/m;  $\epsilon_r = 57.015$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.6 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3935; ConvF(10.65, 10.65, 10.65); Calibrated: 2017.12.14;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2017.12.4
- Phantom: SAM1; Type: SAM; Serial: TP-1839
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch133322/Area Scan (71x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.23 W/kg

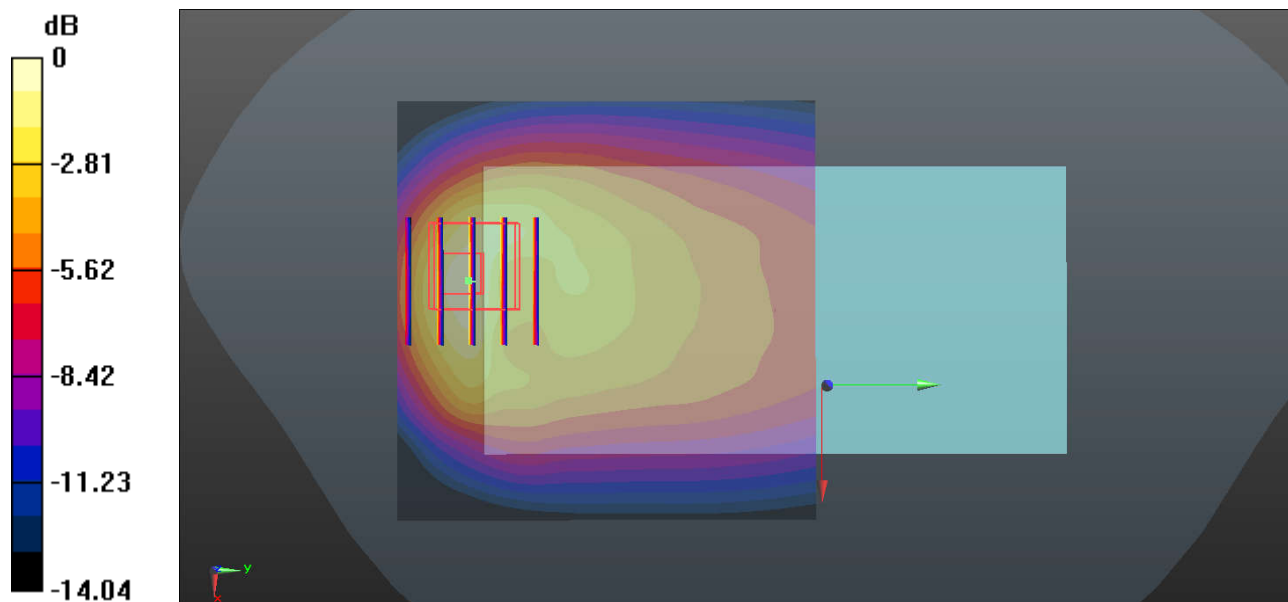
**Ch133322/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 37.60 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.55 W/kg

**SAR(1 g) = 0.731 W/kg; SAR(10 g) = 0.401 W/kg**

Maximum value of SAR (measured) = 1.24 W/kg



0 dB = 1.24 W/kg = 0.93 dBW/kg

**33\_LTE Band 12\_10M\_QPSK\_1RB\_0Offset\_Front\_5mm\_Ch23095**

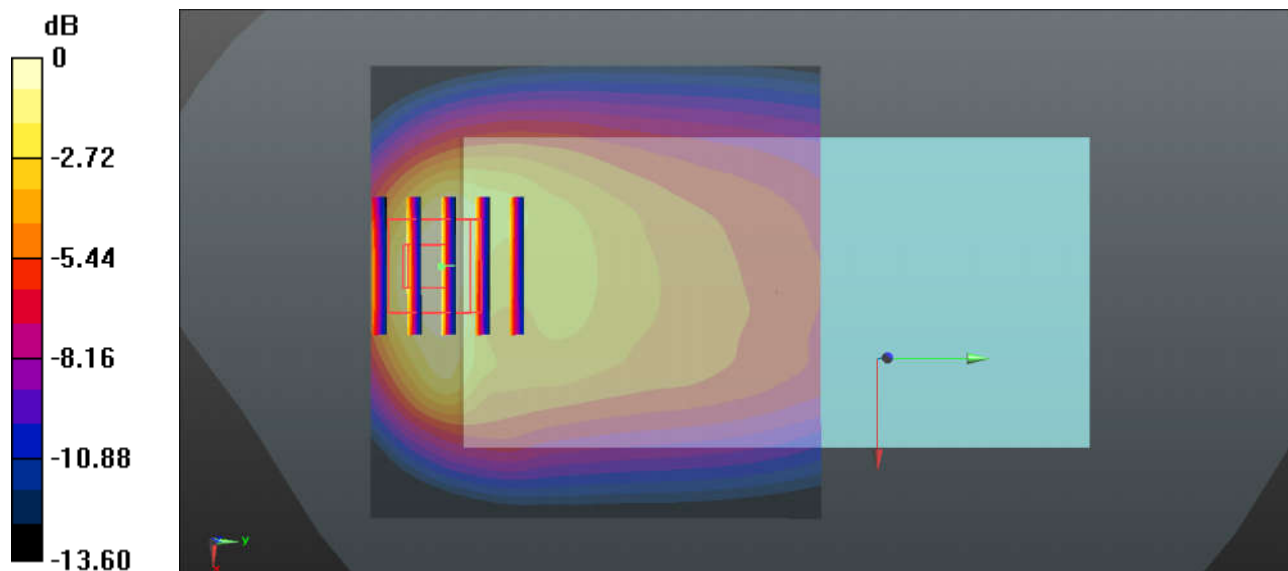
Communication System: UID 0, LTE-FDD (0); Frequency: 707.5 MHz; Duty Cycle: 1:1  
Medium: MSL\_750 Medium parameters used:  $f = 707.5$  MHz;  $\sigma = 0.925$  S/m;  $\epsilon_r = 56.799$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.6 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3935; ConvF(10.65, 10.65, 10.65); Calibrated: 2017.12.14;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2017.12.4
- Phantom: SAM1; Type: SAM; Serial: TP-1839
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch23095/Area Scan (71x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 1.32 W/kg

**Ch23095/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 37.51 V/m; Power Drift = 0.07 dB  
Peak SAR (extrapolated) = 1.63 W/kg  
**SAR(1 g) = 0.789 W/kg; SAR(10 g) = 0.431 W/kg**  
Maximum value of SAR (measured) = 1.24 W/kg



0 dB = 1.24 W/kg = 0.93 dBW/kg

**34\_LTE Band 13\_10M\_QPSK\_1RB\_0Offset\_Front\_5mm\_Ch23230**

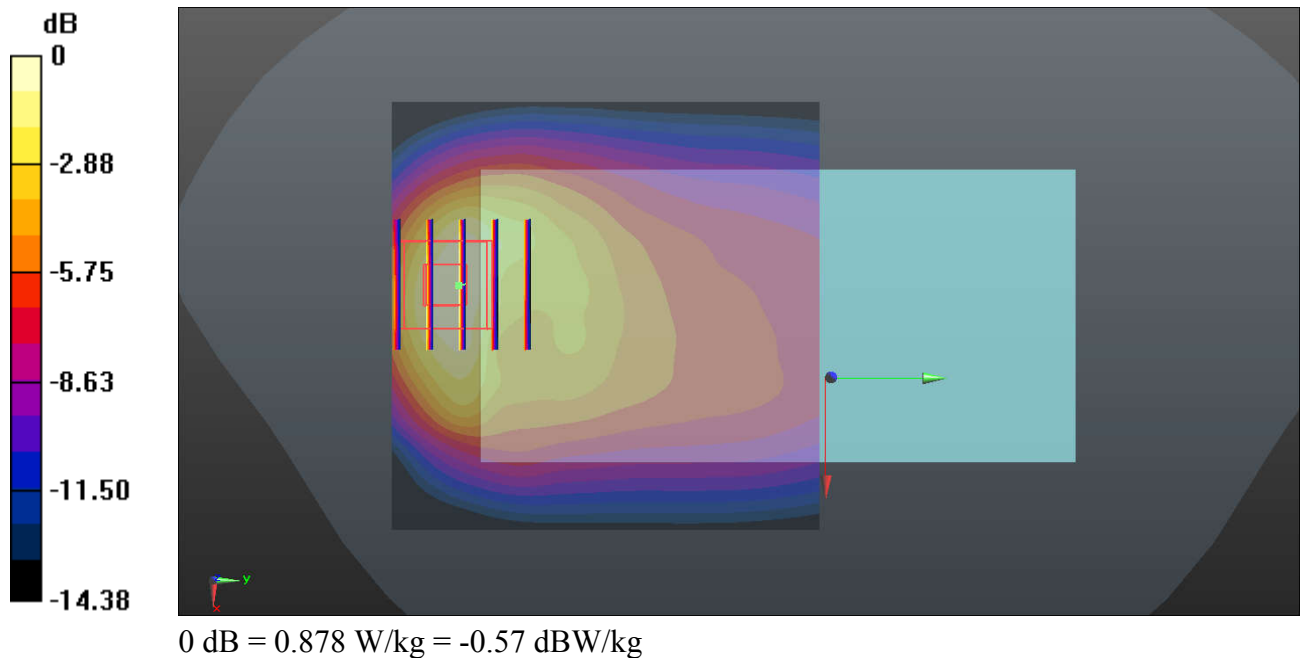
Communication System: UID 0, LTE-FDD (0); Frequency: 782 MHz; Duty Cycle: 1:1  
Medium: MSL\_750 Medium parameters used:  $f = 782$  MHz;  $\sigma = 0.997$  S/m;  $\epsilon_r = 56.128$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.6 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3935; ConvF(10.65, 10.65, 10.65); Calibrated: 2017.12.14;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2017.12.4
- Phantom: SAM1; Type: SAM; Serial: TP-1839
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch23230/Area Scan (71x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.957 W/kg

**Ch23230/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 30.77 V/m; Power Drift = -0.01 dB  
Peak SAR (extrapolated) = 1.15 W/kg  
**SAR(1 g) = 0.552 W/kg; SAR(10 g) = 0.293 W/kg**  
Maximum value of SAR (measured) = 0.878 W/kg



**35\_LTE Band 14\_10M\_QPSK\_1RB\_0Offset\_Front\_5mm\_Ch23330**

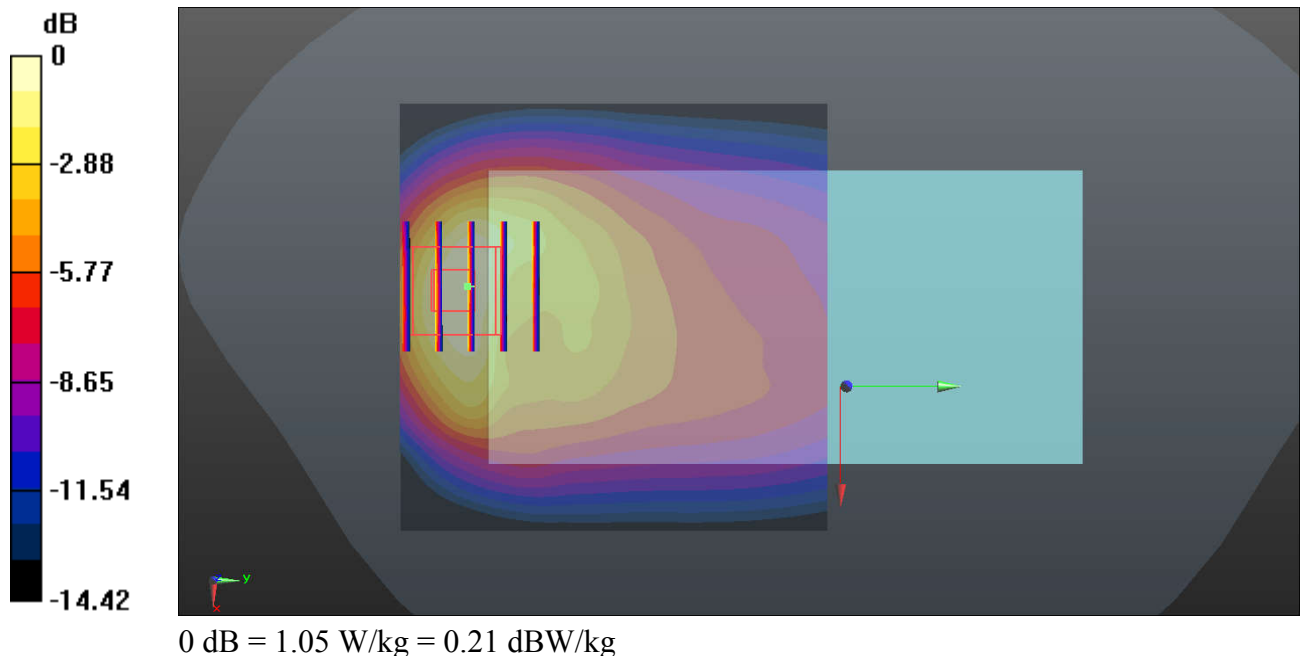
Communication System: UID 0, LTE-FDD (0); Frequency: 793 MHz; Duty Cycle: 1:1  
Medium: MSL\_750 Medium parameters used:  $f = 793$  MHz;  $\sigma = 1.008$  S/m;  $\epsilon_r = 56.024$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.6 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3935; ConvF(10.65, 10.65, 10.65); Calibrated: 2017.12.14;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2017.12.4
- Phantom: SAM1; Type: SAM; Serial: TP-1839
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch23330/Area Scan (71x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 1.16 W/kg

**Ch23330/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 33.51 V/m; Power Drift = -0.07 dB  
Peak SAR (extrapolated) = 1.37 W/kg  
**SAR(1 g) = 0.661 W/kg; SAR(10 g) = 0.350 W/kg**  
Maximum value of SAR (measured) = 1.05 W/kg



**36\_LTE Band 26\_15M\_QPSK\_1RB\_74Offset\_Front\_5mm\_Ch26865**

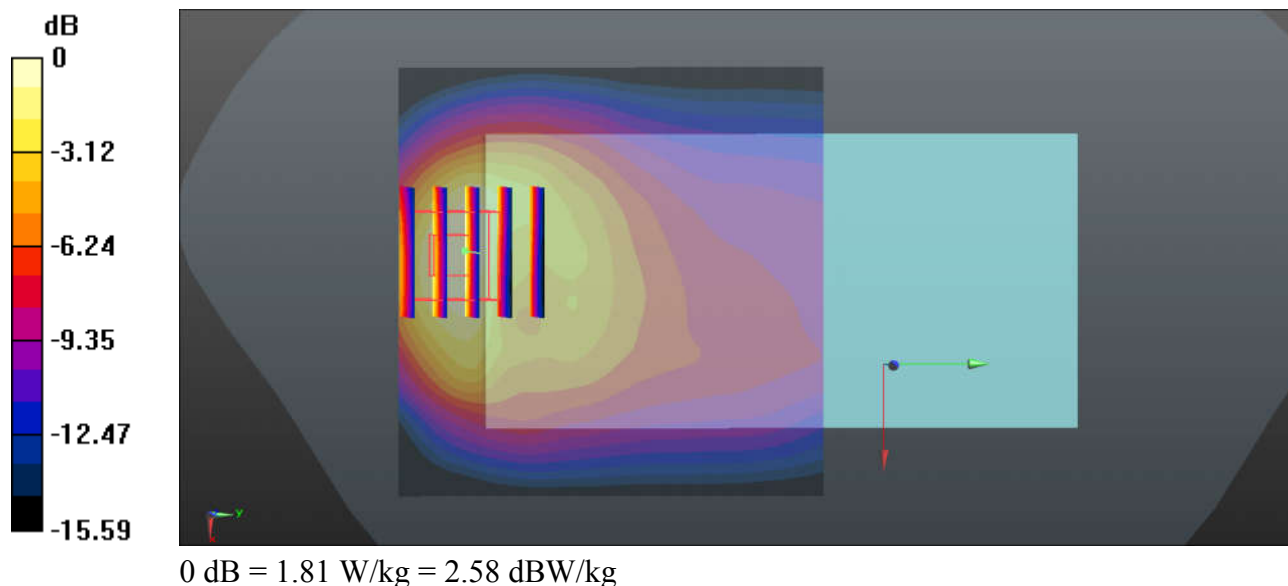
Communication System: UID 0, LTE-FDD (0); Frequency: 831.5 MHz; Duty Cycle: 1:1  
Medium: MSL\_850 Medium parameters used:  $f = 831.5$  MHz;  $\sigma = 0.987$  S/m;  $\epsilon_r = 55.318$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.7 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3935; ConvF(10.33, 10.33, 10.33); Calibrated: 2017.12.14;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2017.12.4
- Phantom: SAM1; Type: SAM; Serial: TP-1839
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch26865/Area Scan (71x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 1.94 W/kg

**Ch26865/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 44.12 V/m; Power Drift = -0.06 dB  
Peak SAR (extrapolated) = 2.38 W/kg  
**SAR(1 g) = 1.15 W/kg; SAR(10 g) = 0.597 W/kg**  
Maximum value of SAR (measured) = 1.81 W/kg



**37\_LTE Band 66\_20M\_QPSK\_1RB\_99Offset\_Front\_5mm\_Ch132572**

Communication System: UID 0, LTE-FDD (0); Frequency: 1770 MHz; Duty Cycle: 1:1

Medium: MSL\_1750 Medium parameters used:  $f = 1770$  MHz;  $\sigma = 1.464$  S/m;  $\epsilon_r = 54.418$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3293; ConvF(5.01, 5.01, 5.01); Calibrated: 2018.10.25;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2018.10.22
- Phantom: SAM2; Type: SAM; Serial: TP-1842
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch132572/Area Scan (71x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 2.04 W/kg

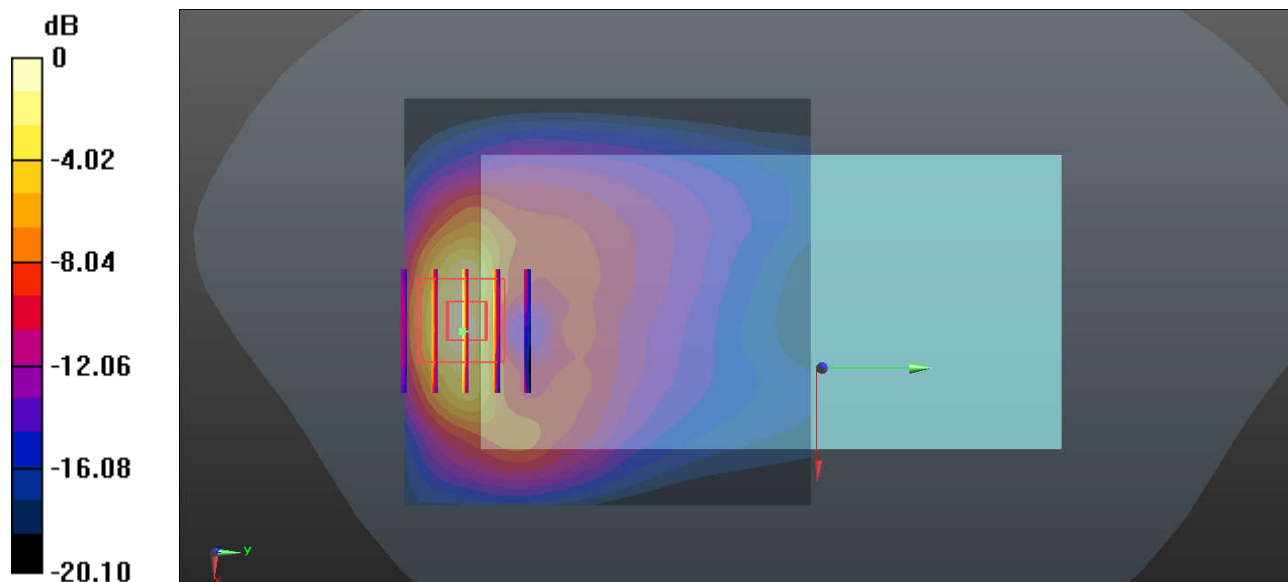
**Ch132572/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 38.56 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 2.47 W/kg

**SAR(1 g) = 1.3 W/kg; SAR(10 g) = 0.616 W/kg**

Maximum value of SAR (measured) = 2.03 W/kg



0 dB = 2.03 W/kg = 3.07 dBW/kg

**38\_LTE Band 25\_20M\_QPSK\_50RB\_50Offset\_Front\_5mm\_Ch26590**

Communication System: UID 0, LTE-FDD (0); Frequency: 1905 MHz; Duty Cycle: 1:1

Medium: MSL\_1900 Medium parameters used:  $f = 1905$  MHz;  $\sigma = 1.524$  S/m;  $\epsilon_r = 53.889$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3935; ConvF(8.3, 8.3, 8.3); Calibrated: 2017.12.14;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2017.12.4
- Phantom: SAM2; Type: SAM; Serial: TP-1842
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch26590/Area Scan (71x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.67 W/kg

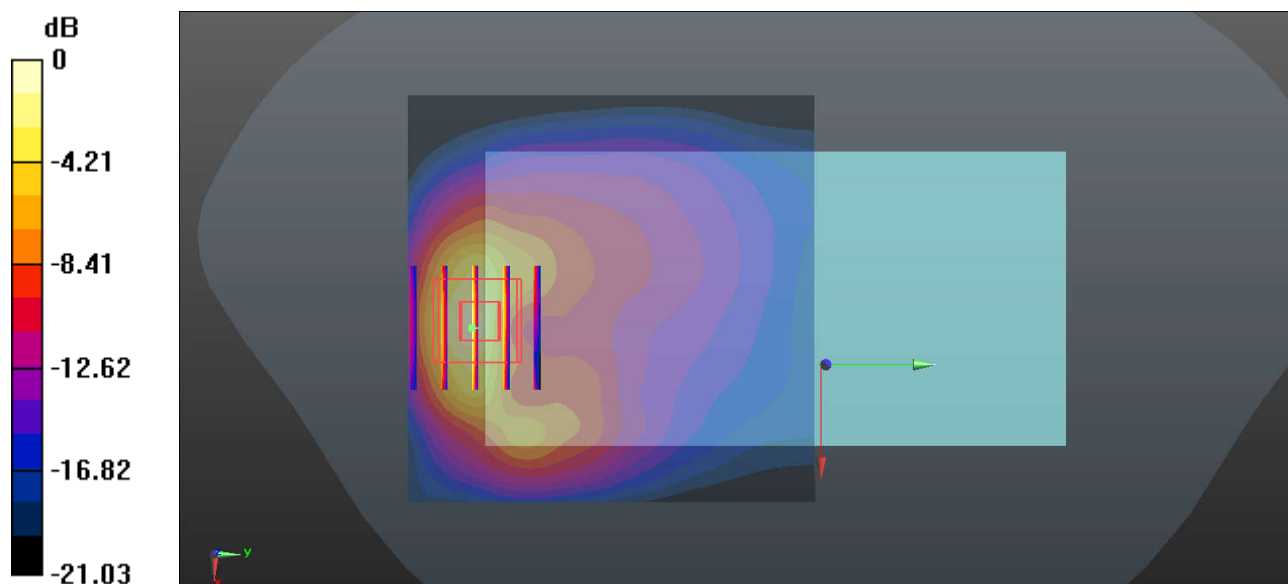
**Ch26590/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 35.29 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 2.26 W/kg

**SAR(1 g) = 1.14 W/kg; SAR(10 g) = 0.521 W/kg**

Maximum value of SAR (measured) = 1.79 W/kg



0 dB = 1.79 W/kg = 2.53 dBW/kg

**39\_LTE Band 30\_10M\_QPSK\_1RB\_0Offset\_Bottom Side\_5mm\_Ch27710**

Communication System: UID 0, LTE-FDD (0); Frequency: 2310 MHz; Duty Cycle: 1:1

Medium: MSL\_2300 Medium parameters used:  $f = 2310$  MHz;  $\sigma = 1.807$  S/m;  $\epsilon_r = 53.627$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3293; ConvF(4.51, 4.51, 4.51); Calibrated: 2018.10.25;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2018.10.22
- Phantom: SAM1; Type: SAM; Serial: TP-1839
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch27710/Area Scan (51x91x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.70 W/kg

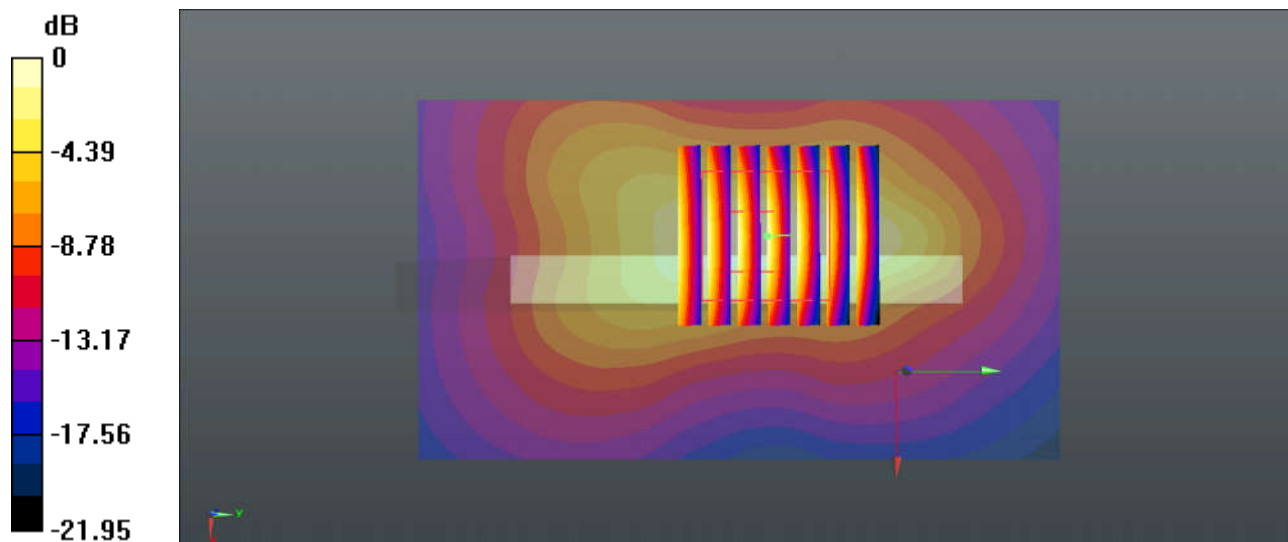
**Ch27710/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 32.82 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 2.14 W/kg

**SAR(1 g) = 1.09 W/kg; SAR(10 g) = 0.518 W/kg**

Maximum value of SAR (measured) = 1.76 W/kg



0 dB = 1.76 W/kg = 2.46 dBW/kg

**40\_LTE Band 7\_20M\_QPSK\_50RB\_24Offset\_Back\_5mm\_Ch21350**

Communication System: UID 0, LTE-FDD (0); Frequency: 2560 MHz; Duty Cycle: 1:1

Medium: MSL\_2600 Medium parameters used:  $f = 2560$  MHz;  $\sigma = 2.159$  S/m;  $\epsilon_r = 52.664$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3293; ConvF(4.28, 4.28, 4.28); Calibrated: 2018.10.25;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2018.10.22
- Phantom: SAM1; Type: SAM; Serial: TP-1839
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch21350/Area Scan (91x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.61 W/kg

**Ch21350/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 28.01 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 2.75 W/kg

**SAR(1 g) = 1.25 W/kg; SAR(10 g) = 0.602 W/kg**

Maximum value of SAR (measured) = 1.58 W/kg

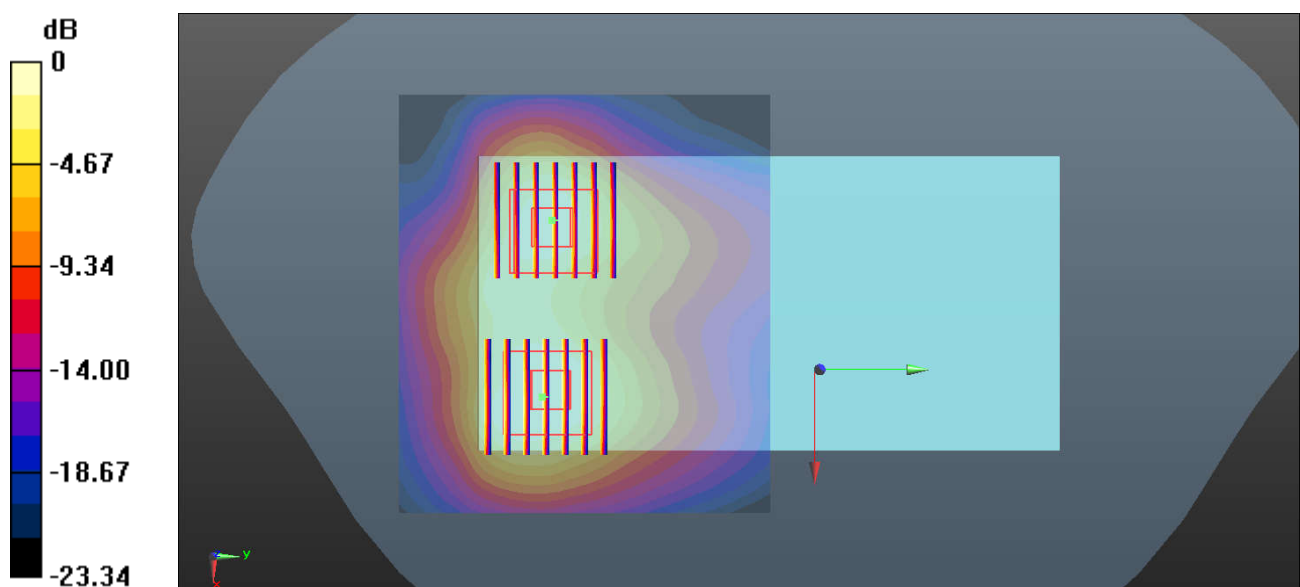
**Ch21350/Zoom Scan (7x7x7)/Cube 1:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 28.01 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 2.19 W/kg

**SAR(1 g) = 1.04 W/kg; SAR(10 g) = 0.490 W/kg**

Maximum value of SAR (measured) = 1.37 W/kg



0 dB = 1.37 W/kg = 1.37 dBW/kg

**41\_LTE Band 41\_20M\_QPSK\_50RB\_24Offset\_Back\_5mm\_Ch40620**

Communication System: UID 0, LTE-TDD (0); Frequency: 2593 MHz; Duty Cycle: 1:1.59  
Medium: MSL\_2600 Medium parameters used:  $f = 2593$  MHz;  $\sigma = 2.207$  S/m;  $\epsilon_r = 52.533$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.6 °C

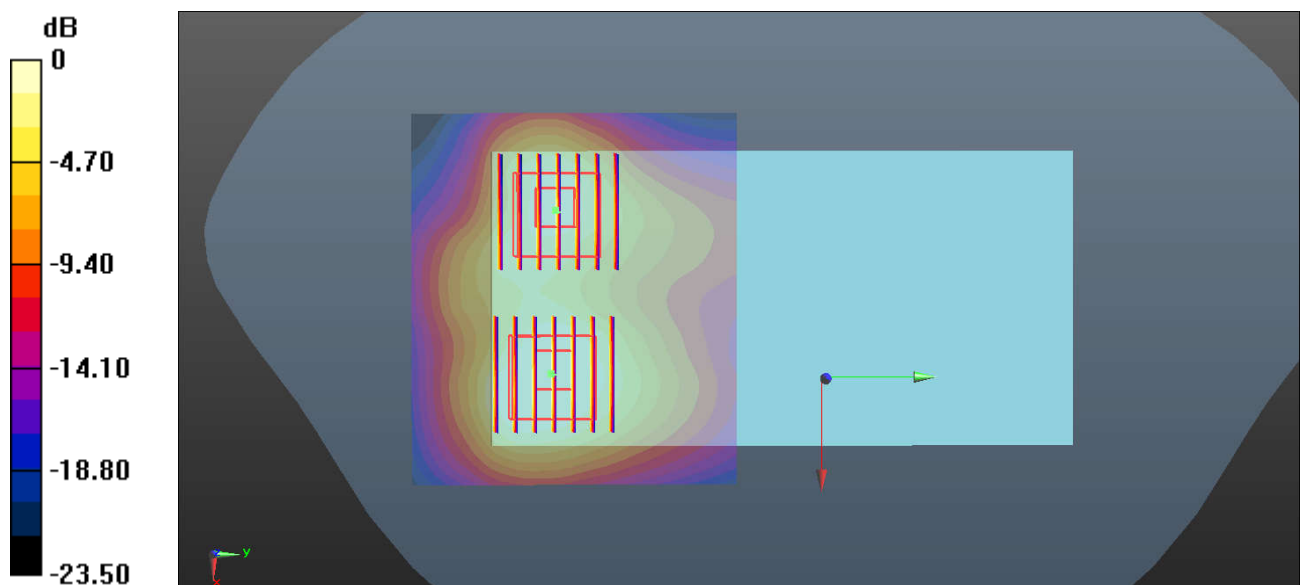
**DASY5 Configuration:**

- Probe: ES3DV3 - SN3293; ConvF(4.28, 4.28, 4.28); Calibrated: 2018.10.25;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2018.10.22
- Phantom: SAM1; Type: SAM; Serial: TP-1839
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch40620/Area Scan (81x71x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 1.78 W/kg

**Ch40620/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 29.19 V/m; Power Drift = 0.10 dB  
Peak SAR (extrapolated) = 2.96 W/kg  
**SAR(1 g) = 1.26 W/kg; SAR(10 g) = 0.642 W/kg**  
Maximum value of SAR (measured) = 1.77 W/kg

**Ch40620/Zoom Scan (7x7x7)/Cube 1:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 29.19 V/m; Power Drift = 0.10 dB  
Peak SAR (extrapolated) = 2.10 W/kg  
**SAR(1 g) = 0.970 W/kg; SAR(10 g) = 0.448 W/kg**  
Maximum value of SAR (measured) = 1.29 W/kg



0 dB = 1.29 W/kg = 1.11 dBW/kg

**42\_WLAN2.4GHZ\_802.11b 1Mbps\_Top Side\_5mm\_Ch1**

Communication System: UID 0, 802.11b (0); Frequency: 2412 MHz; Duty Cycle: 1:1.025

Medium: MSL\_2450 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.95$  S/m;  $\epsilon_r = 53.257$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3293; ConvF(4.39, 4.39, 4.39); Calibrated: 2018.10.25;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2018.10.22
- Phantom: SAM1; Type: SAM; Serial: TP-1839
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch1/Area Scan (51x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.511 W/kg

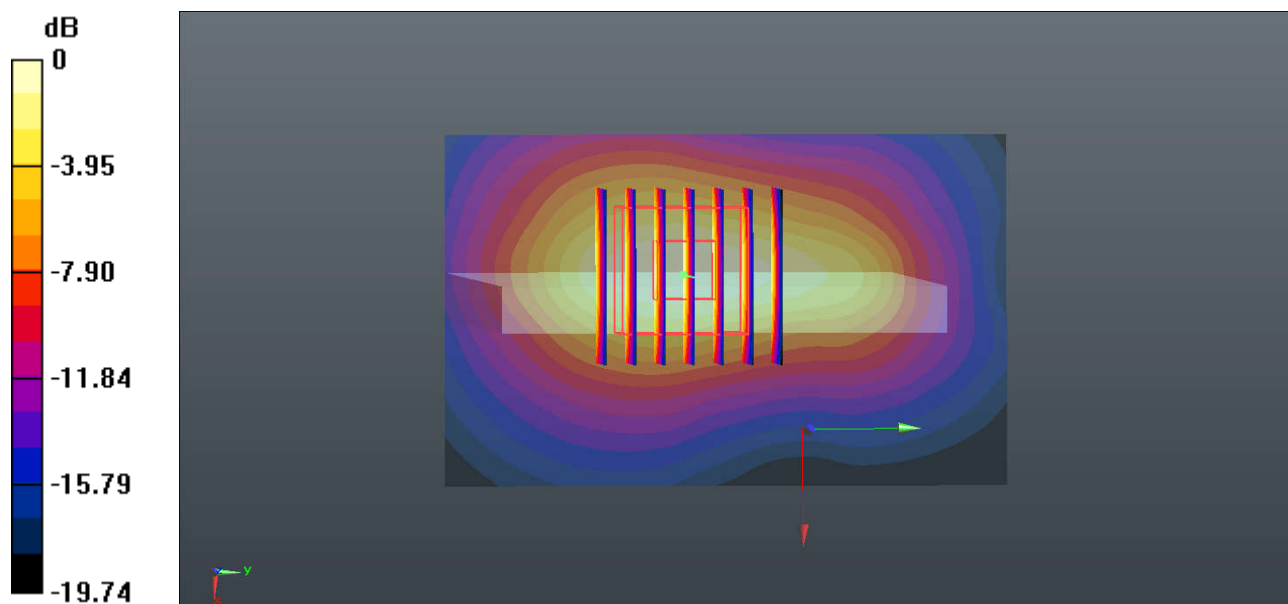
**Ch1/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 16.92 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.631 W/kg

**SAR(1 g) = 0.308 W/kg; SAR(10 g) = 0.150 W/kg**

Maximum value of SAR (measured) = 0.508 W/kg



0 dB = 0.508 W/kg = -2.94 dBW/kg

**43\_WLAN5GHz\_802.11a 6Mbps\_Back\_5mm\_Ant1\_Ch40**

Communication System: UID 0, 802.11a (0); Frequency: 5200 MHz; Duty Cycle: 1:1.149

Medium: MSL\_5000 Medium parameters used:  $f = 5200$  MHz;  $\sigma = 5.472$  S/m;  $\epsilon_r = 47.519$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3857; ConvF(4.4, 4.4, 4.4); Calibrated: 2018.5.31;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2018.10.22
- Phantom: SAM2; Type: SAM; Serial: TP-1842
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch40/Area Scan (101x91x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.72 W/kg

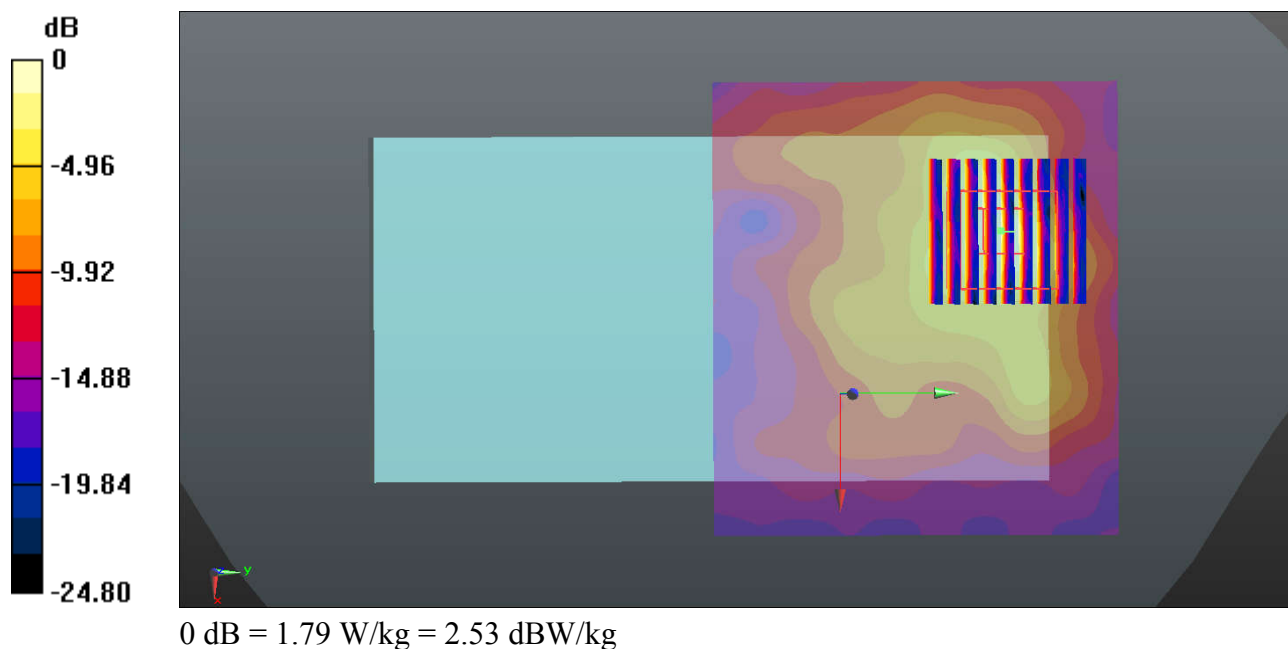
**Ch40/Zoom Scan (9x9x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 20.83 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 3.24 W/kg

**SAR(1 g) = 0.747 W/kg; SAR(10 g) = 0.259 W/kg**

Maximum value of SAR (measured) = 1.79 W/kg



**44\_WLAN5GHz\_802.11a 6Mbps\_Back\_5mm\_Ant1\_Ch157**

Communication System: UID 0, 802.11a (0); Frequency: 5785 MHz; Duty Cycle: 1:1.149

Medium: MSL\_5000 Medium parameters used:  $f = 5785$  MHz;  $\sigma = 6.26$  S/m;  $\epsilon_r = 46.522$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.8 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3857; ConvF(4.31, 4.31, 4.31); Calibrated: 2018.5.31;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2018.10.22
- Phantom: SAM2; Type: SAM; Serial: TP-1842
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch157/Area Scan (101x91x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 2.46 W/kg

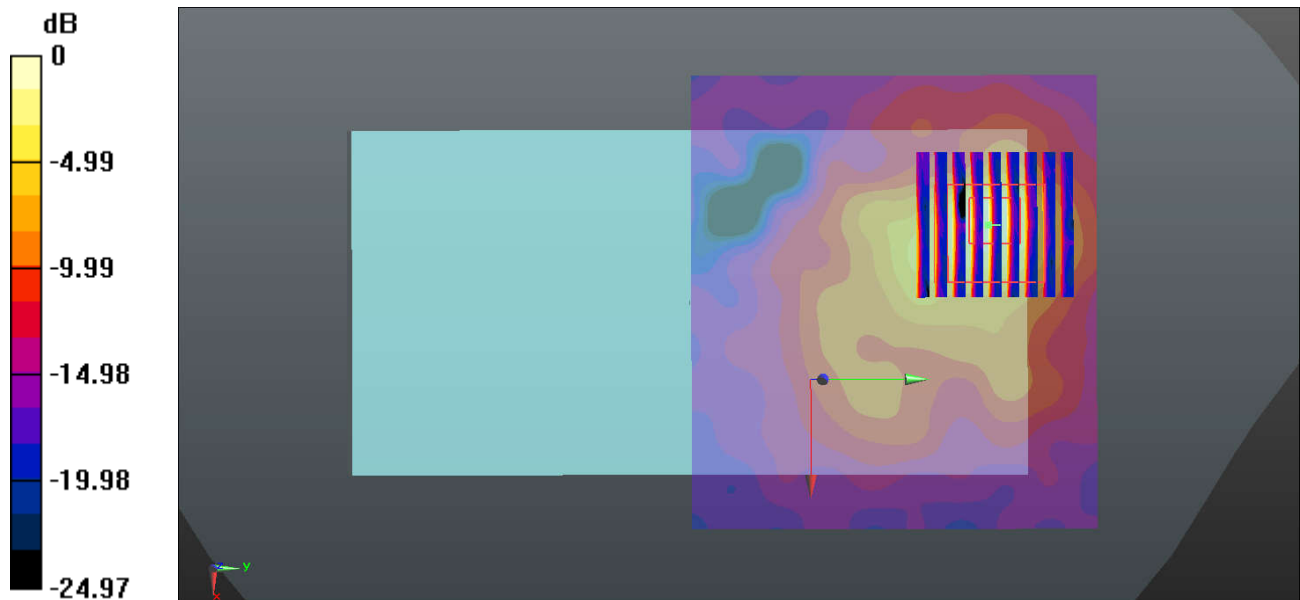
**Ch157/Zoom Scan (9x9x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 21.37 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 4.32 W/kg

**SAR(1 g) = 0.854 W/kg; SAR(10 g) = 0.272 W/kg**

Maximum value of SAR (measured) = 2.18 W/kg



0 dB = 2.18 W/kg = 3.38 dBW/kg

**45\_Bluetooth\_DH5 1Mbps\_Back\_5mm\_Ch78**

Communication System: UID 0, Bluetooth (0); Frequency: 2480 MHz; Duty Cycle: 1:1.304

Medium: MSL\_2450 Medium parameters used:  $f = 2480$  MHz;  $\sigma = 2.046$  S/m;  $\epsilon_r = 52.969$ ;  $\rho = 1000$

kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3293; ConvF(4.39, 4.39, 4.39); Calibrated: 2018.10.25;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2018.10.22
- Phantom: SAM1; Type: SAM; Serial: TP-1839
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch78/Area Scan (91x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0863 W/kg

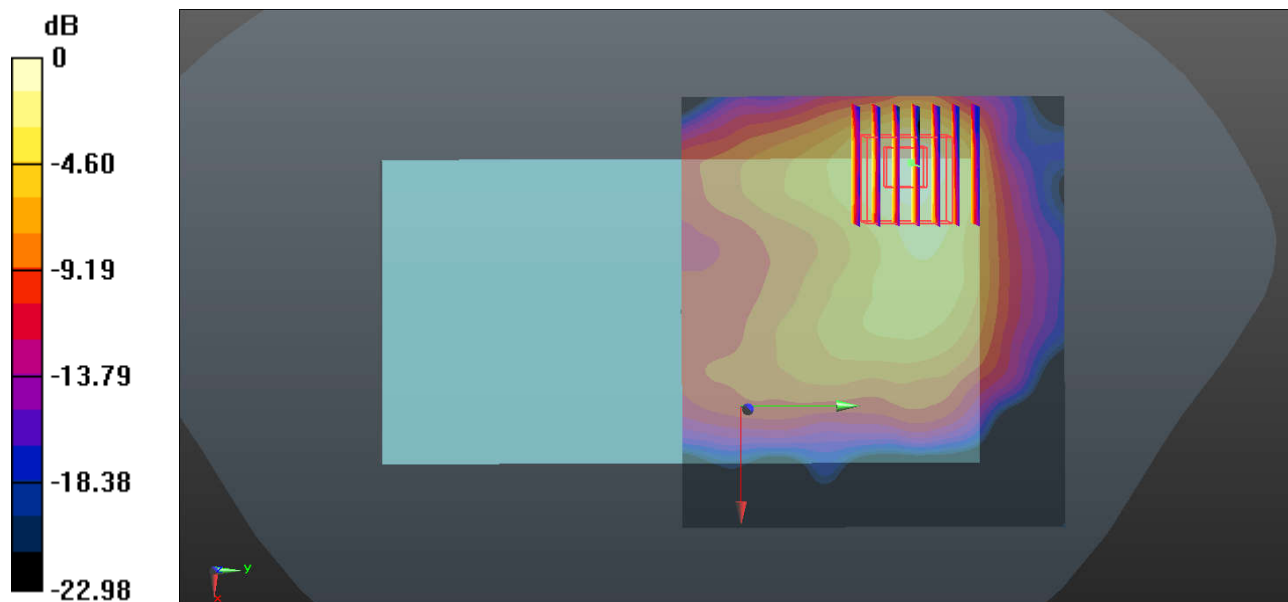
**Ch78/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.062 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.116 W/kg

**SAR(1 g) = 0.052 W/kg; SAR(10 g) = 0.024 W/kg**

Maximum value of SAR (measured) = 0.0904 W/kg



0 dB = 0.0904 W/kg = -10.44 dBW/kg

**46\_GSM850\_GPRS (4 Tx slots)\_Front\_5mm\_Headset\_Ch189**

Communication System: UID 0, GSM850-4UP (0); Frequency: 836.4 MHz; Duty Cycle: 1:2.08  
Medium: MSL\_850 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.991$  S/m;  $\epsilon_r = 55.26$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.7 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3935; ConvF(10.33, 10.33, 10.33); Calibrated: 2017.12.14;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2017.12.4
- Phantom: SAM1; Type: SAM; Serial: TP-1839
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch189/Area Scan (71x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.02 W/kg

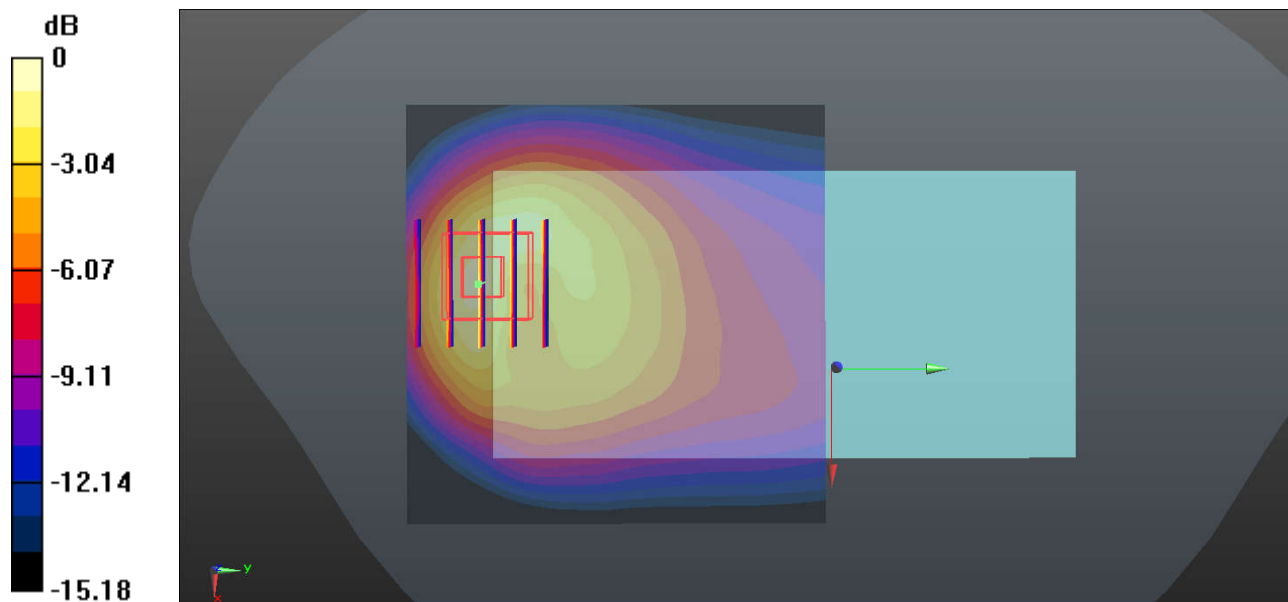
**Ch189/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 34.43 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.65 W/kg

**SAR(1 g) = 0.853 W/kg; SAR(10 g) = 0.458 W/kg**

Maximum value of SAR (measured) = 1.10 W/kg



0 dB = 1.10 W/kg = 0.41 dBW/kg

**47\_GSM1900\_GPRS (4 Tx slots)\_Front\_5mm\_Ch810**

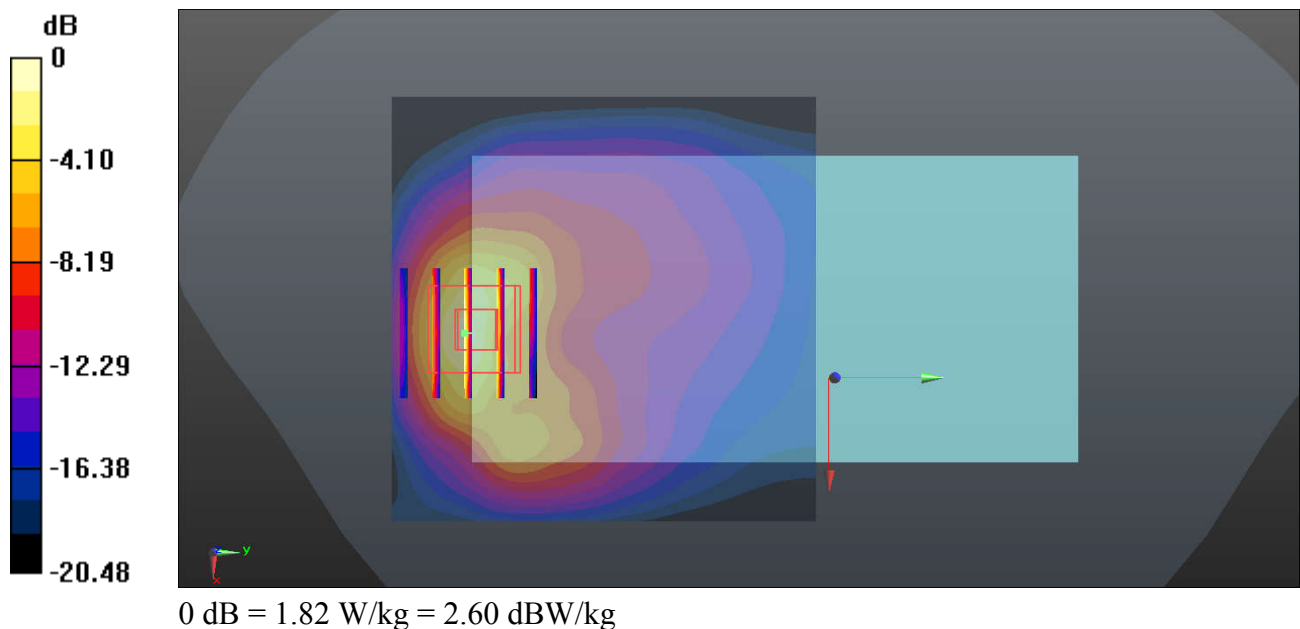
Communication System: UID 0, PCS-4UP (0); Frequency: 1909.8 MHz; Duty Cycle: 1:2.08  
Medium: MSL\_1900 Medium parameters used:  $f = 1909.8$  MHz;  $\sigma = 1.53$  S/m;  $\epsilon_r = 53.868$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.8 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3935; ConvF(8.3, 8.3, 8.3); Calibrated: 2017.12.14;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2017.12.4
- Phantom: SAM2; Type: SAM; Serial: TP-1842
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch810/Area Scan (71x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 1.53 W/kg

**Ch810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 35.54 V/m; Power Drift = -0.01 dB  
Peak SAR (extrapolated) = 2.61 W/kg  
**SAR(1 g) = 1.26 W/kg; SAR(10 g) = 0.567 W/kg**  
Maximum value of SAR (measured) = 1.82 W/kg



**48\_WCDMA V\_RMC 12.2Kbps\_Front\_5mm\_Ch4182**

Communication System: UID 0, WCDMA (0); Frequency: 836.4 MHz; Duty Cycle: 1:1  
Medium: MSL\_850 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.991$  S/m;  $\epsilon_r = 55.26$ ;  $\rho = 1000$

kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.7 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3935; ConvF(10.33, 10.33, 10.33); Calibrated: 2017.12.14;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2017.12.4
- Phantom: SAM1; Type: SAM; Serial: TP-1839
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch4182/Area Scan (71x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.96 W/kg

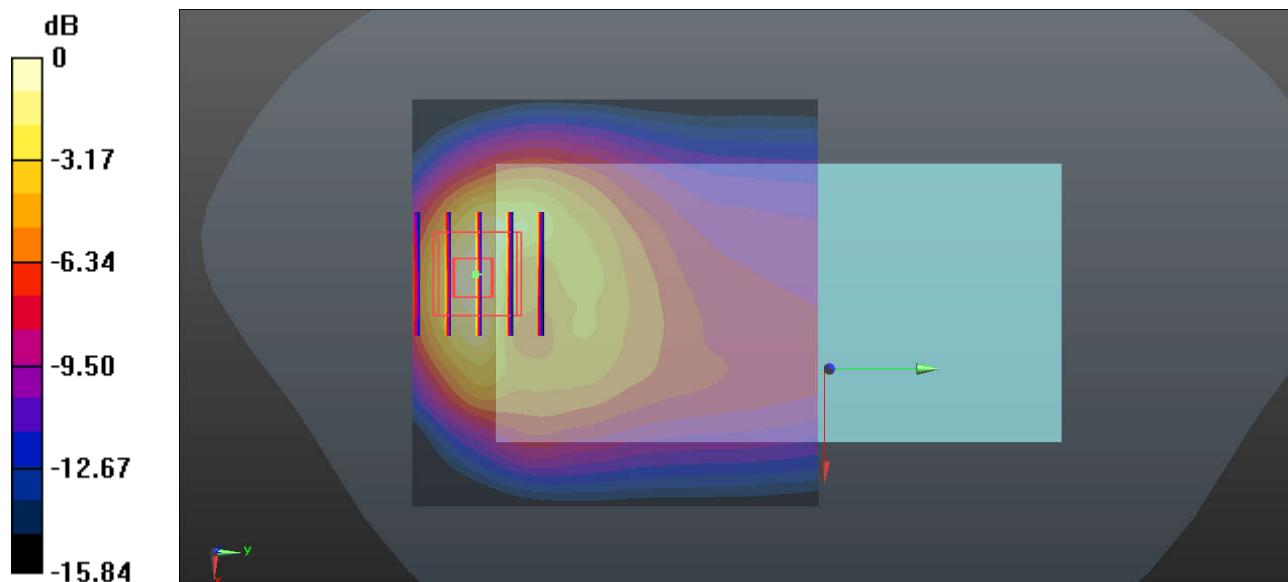
**Ch4182/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 46.11 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 2.44 W/kg

**SAR(1 g) = 1.17 W/kg; SAR(10 g) = 0.623 W/kg**

Maximum value of SAR (measured) = 1.98 W/kg



0 dB = 1.98 W/kg = 2.97 dBW/kg

**49\_WCDMA IV\_RMC 12.2Kbps\_Front\_5mm\_Ch1312**

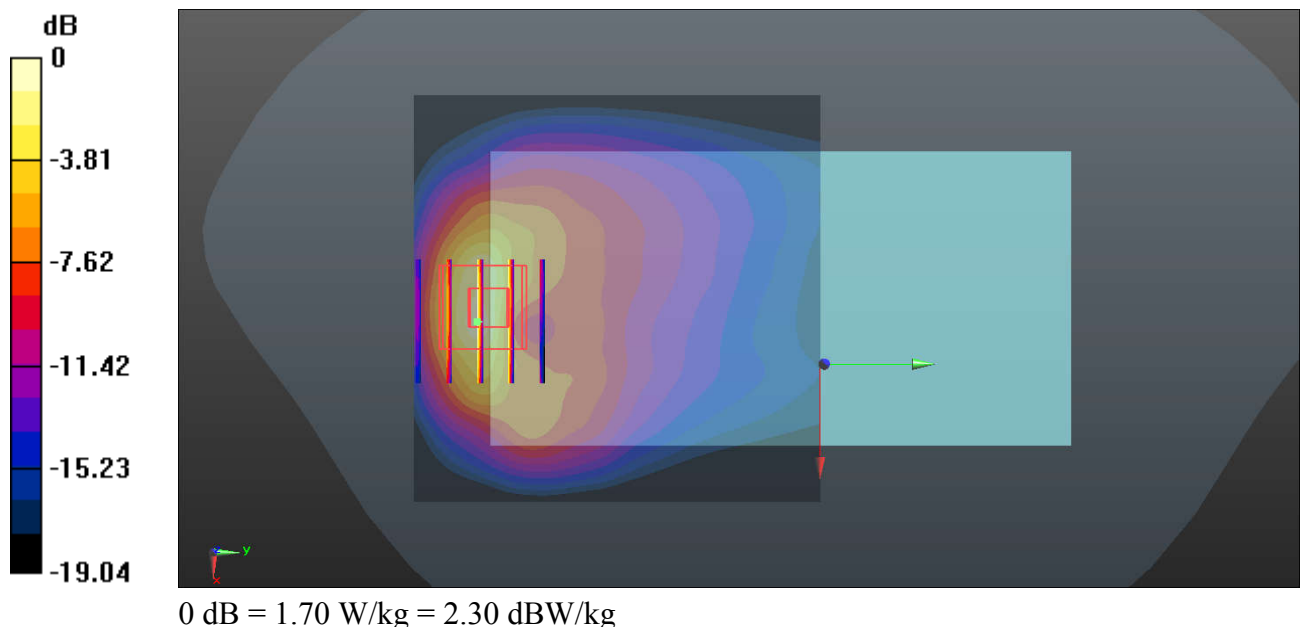
Communication System: UID 0, WCDMA (0); Frequency: 1712.4 MHz; Duty Cycle: 1:1  
Medium: MSL\_1750 Medium parameters used:  $f = 1712.4$  MHz;  $\sigma = 1.404$  S/m;  $\epsilon_r = 54.601$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.6 °C

**DASY5 Configuration:**

- Probe: ES3DV3 - SN3293; ConvF(5.01, 5.01, 5.01); Calibrated: 2018.10.25;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2018.10.22
- Phantom: SAM2; Type: SAM; Serial: TP-1842
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch1312/Area Scan (71x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 1.53 W/kg

**Ch1312/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 36.03 V/m; Power Drift = -0.10 dB  
Peak SAR (extrapolated) = 2.56 W/kg  
**SAR(1 g) = 1.28 W/kg; SAR(10 g) = 0.596 W/kg**  
Maximum value of SAR (measured) = 1.70 W/kg



**50\_WCDMA II\_RMC 12.2Kbps\_Front\_5mm\_Headset\_Ch9400**

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

Medium: MSL\_1900 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.495$  S/m;  $\epsilon_r = 53.992$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3935; ConvF(8.3, 8.3, 8.3); Calibrated: 2017.12.14;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2017.12.4
- Phantom: SAM2; Type: SAM; Serial: TP-1842
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch9400/Area Scan (71x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.91 W/kg

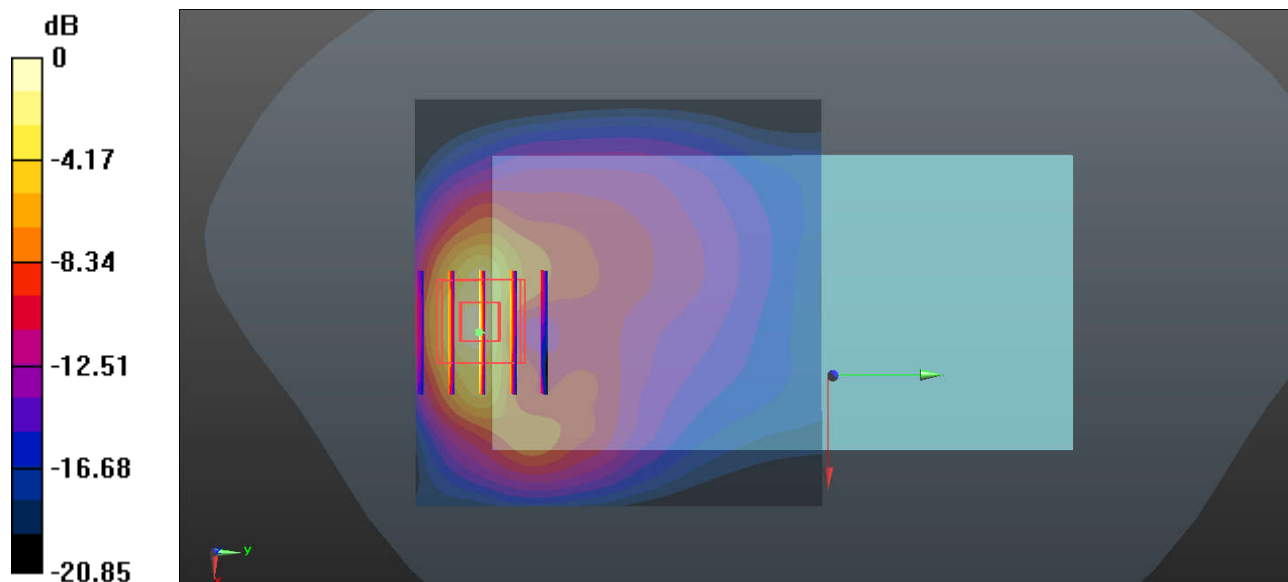
**Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 38.31 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 2.50 W/kg

**SAR(1 g) = 1.26 W/kg; SAR(10 g) = 0.582 W/kg**

Maximum value of SAR (measured) = 2.07 W/kg



0 dB = 2.07 W/kg = 3.16 dBW/kg

**51\_CDMA2000 BC0\_RC3 SO32 (F+SCH)\_Front\_5mm\_Ch384**

Communication System: UID 0, CDMA (0); Frequency: 836.52 MHz; Duty Cycle: 1:1  
Medium: MSL\_850 Medium parameters used:  $f = 836.52$  MHz;  $\sigma = 0.992$  S/m;  $\epsilon_r = 55.257$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.7 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3935; ConvF(10.33, 10.33, 10.33); Calibrated: 2017.12.14;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2017.12.4
- Phantom: SAM1; Type: SAM; Serial: TP-1839
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch384/Area Scan (71x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.72 W/kg

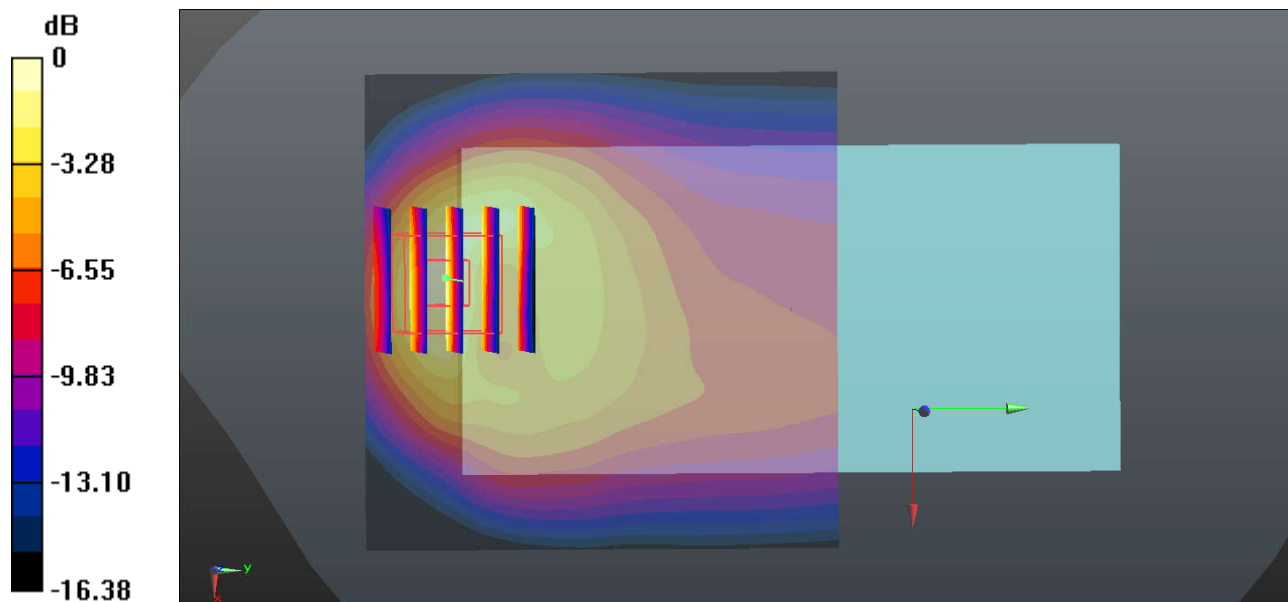
**Ch384/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 44.96 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 2.29 W/kg

**SAR(1 g) = 1.11 W/kg; SAR(10 g) = 0.585 W/kg**

Maximum value of SAR (measured) = 1.86 W/kg



0 dB = 1.86 W/kg = 2.70 dBW/kg

**52\_CDMA2000 BC10\_RC3 SO32 (F+SCH) \_Front\_5mm\_Ch580**

Communication System: UID 0, CDMA (0); Frequency: 820.5 MHz; Duty Cycle: 1:1

Medium: MSL\_850 Medium parameters used:  $f = 820.5$  MHz;  $\sigma = 0.977$  S/m;  $\epsilon_r = 55.429$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3935; ConvF(10.33, 10.33, 10.33); Calibrated: 2017.12.14;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2017.12.4
- Phantom: SAM1; Type: SAM; Serial: TP-1839
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch580/Area Scan (71x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.41 W/kg

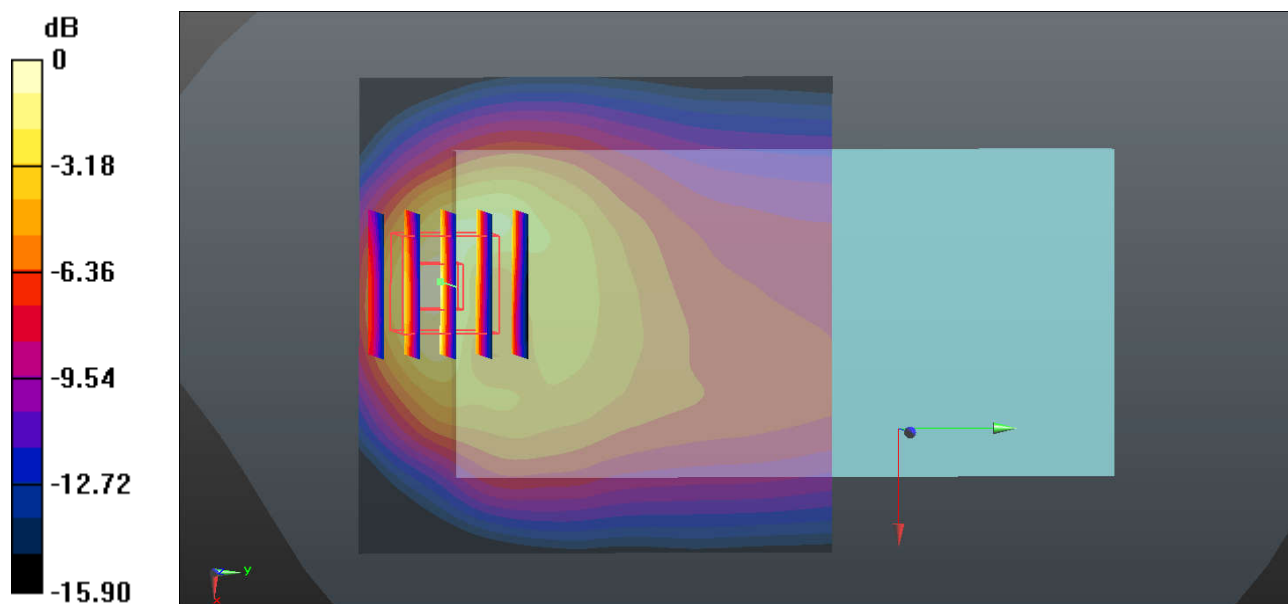
**Ch580/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 40.95 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.86 W/kg

**SAR(1 g) = 0.899 W/kg; SAR(10 g) = 0.477 W/kg**

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



0 dB = 1.51 W/kg = 1.79 dBW/kg

**53\_CDMA2000 BC1\_RC3 SO32 (F+SCH) \_Front\_5mm\_Headset\_Ch600**

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

Medium: MSL\_1900 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.495$  S/m;  $\epsilon_r = 53.992$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3935; ConvF(8.3, 8.3, 8.3); Calibrated: 2017.12.14;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2017.12.4
- Phantom: SAM2; Type: SAM; Serial: TP-1842
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch600/Area Scan (71x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 2.13 W/kg

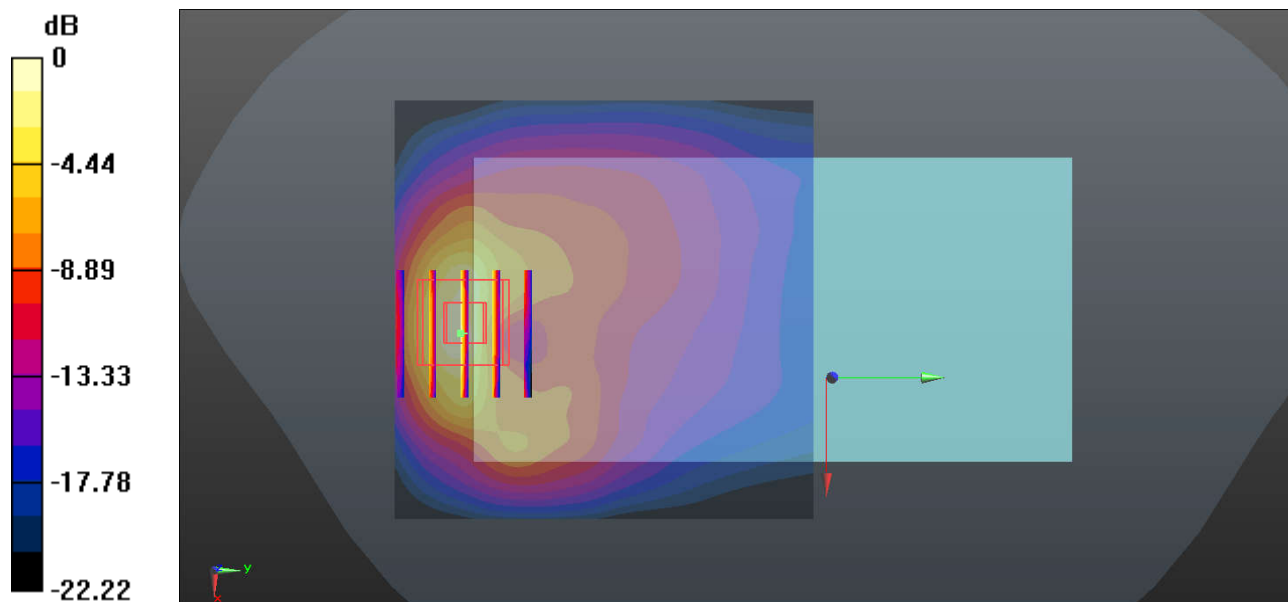
**Ch600/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 41.10 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 2.65 W/kg

**SAR(1 g) = 1.36 W/kg; SAR(10 g) = 0.631 W/kg**

Maximum value of SAR (measured) = 2.18 W/kg



0 dB = 2.18 W/kg = 3.38 dBW/kg