

**06\_LTE Band 2\_20M\_QPSK\_1RB\_0Offset\_Left Cheek\_0mm\_Ch18900**

Communication System: UID 0, LTE-FDD (0); Frequency: 1880 MHz; Duty Cycle: 1:1  
Medium: HSL\_1900 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.381$  S/m;  $\epsilon_r = 39.195$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.8 °C

**DASY5 Configuration:**

- Probe: ES3DV3 - SN3293; ConvF(5.32, 5.32, 5.32); Calibrated: 2019.11.25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2019.11.20
- Phantom: SAM2; Type: SAM; Serial: TP-1754
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

**Ch18900/Area Scan (71x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.161 W/kg

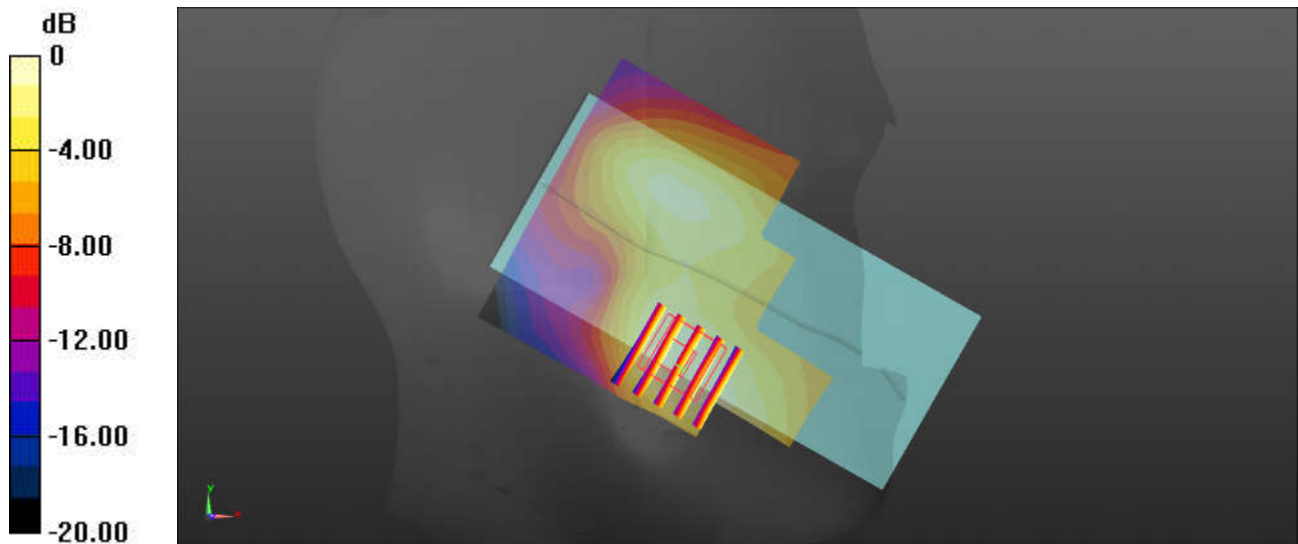
**Ch18900/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.266 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.214 W/kg

**SAR(1 g) = 0.136 W/kg; SAR(10 g) = 0.083 W/kg**

Maximum value of SAR (measured) = 0.159 W/kg



0 dB = 0.161 W/kg = -7.93 dBW/kg

**07\_LTE Band 26\_15M\_QPSK\_1RB\_0Offset\_Right Cheek\_0mm\_Ch26865**

Communication System: UID 0, LTE-FDD (0); Frequency: 831.5 MHz; Duty Cycle: 1:1  
Medium: HSL\_835 Medium parameters used :  $f = 831.5$  MHz;  $\sigma = 0.901$  S/m;  $\epsilon_r = 41.356$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.3 °C; Liquid Temperature : 22.7 °C

**DASY5 Configuration:**

- Probe: ES3DV3 - SN3293; ConvF(6.39, 6.39, 6.39); Calibrated: 2019.11.25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2019.11.20
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (1); 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) = 0.320 W/kg

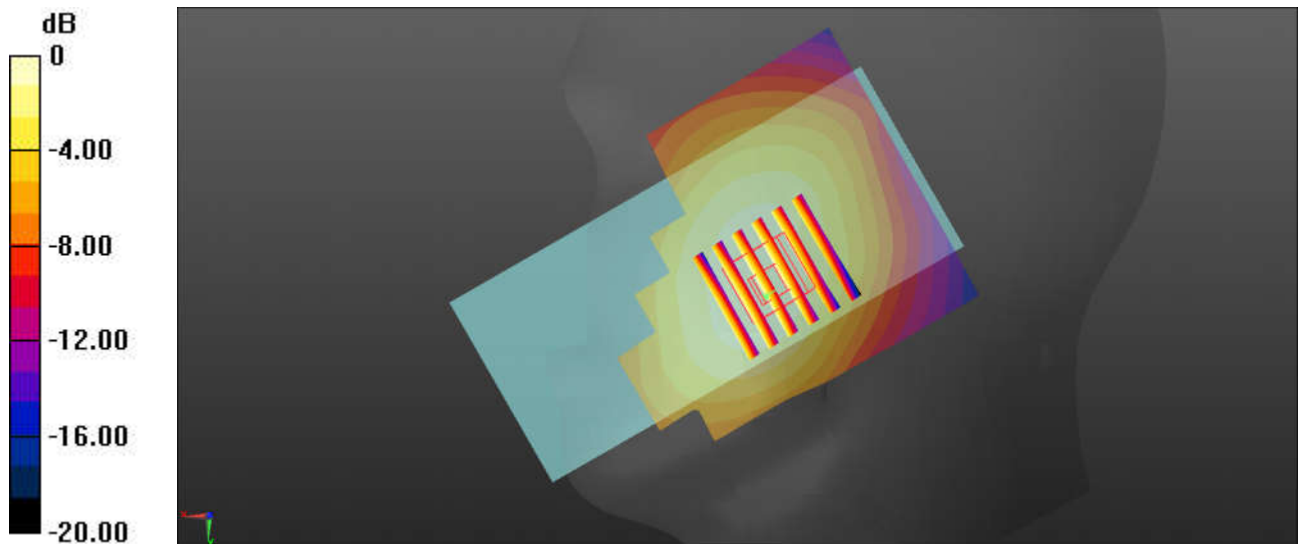
**Ch26865/Zoom Scan (6x6x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 4.989 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.364 W/kg

**SAR(1 g) = 0.266 W/kg; SAR(10 g) = 0.221 W/kg**

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



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

**08\_LTE Band 12\_10M\_QPSK\_1RB\_0Offset\_Right Cheek\_0mm\_Ch23095**

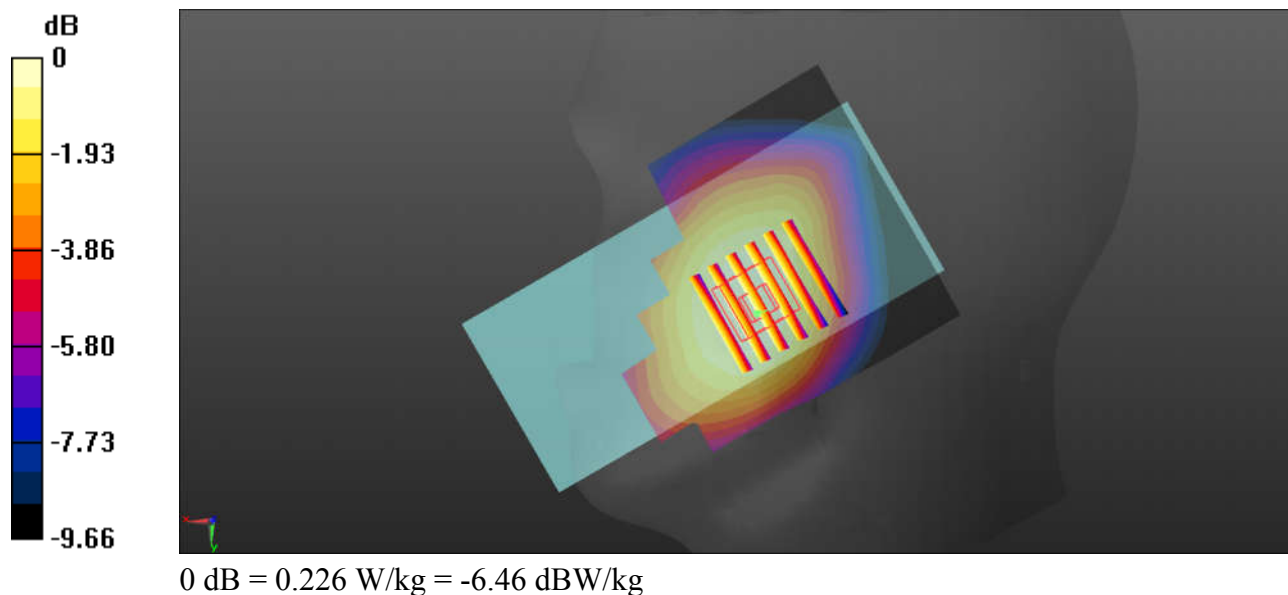
Communication System: UID 0, LTE-FDD (0); Frequency: 707.5 MHz; Duty Cycle: 1:1  
Medium: HSL\_750 Medium parameters used:  $f = 707.5$  MHz;  $\sigma = 0.859$  S/m;  $\epsilon_r = 42.997$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.7 °C

**DASY5 Configuration:**

- Probe: ES3DV3 - SN3293; ConvF(6.56, 6.56, 6.56); Calibrated: 2019.11.25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2019.11.20
- Phantom: SAM2; Type: SAM; Serial: TP-1754
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

**Ch23095/Area Scan (71x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.227 W/kg

**Ch23095/Zoom Scan (6x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 4.834 V/m; Power Drift = 0.19 dB  
Peak SAR (extrapolated) = 0.254 W/kg  
**SAR(1 g) = 0.210 W/kg; SAR(10 g) = 0.169 W/kg**  
Maximum value of SAR (measured) = 0.226 W/kg



**09\_LTE Band 66\_20M\_QPSK\_1RB\_0Offset\_Right 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;  $\sigma = 1.357$  S/m;  $\epsilon_r = 39.052$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.3 °C; Liquid Temperature : 22.6 °C

**DASY5 Configuration:**

- Probe: ES3DV3 - SN3293; ConvF(5.53, 5.53, 5.53); Calibrated: 2019.11.25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2019.11.20
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

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

Maximum value of SAR (interpolated) = 0.159 W/kg

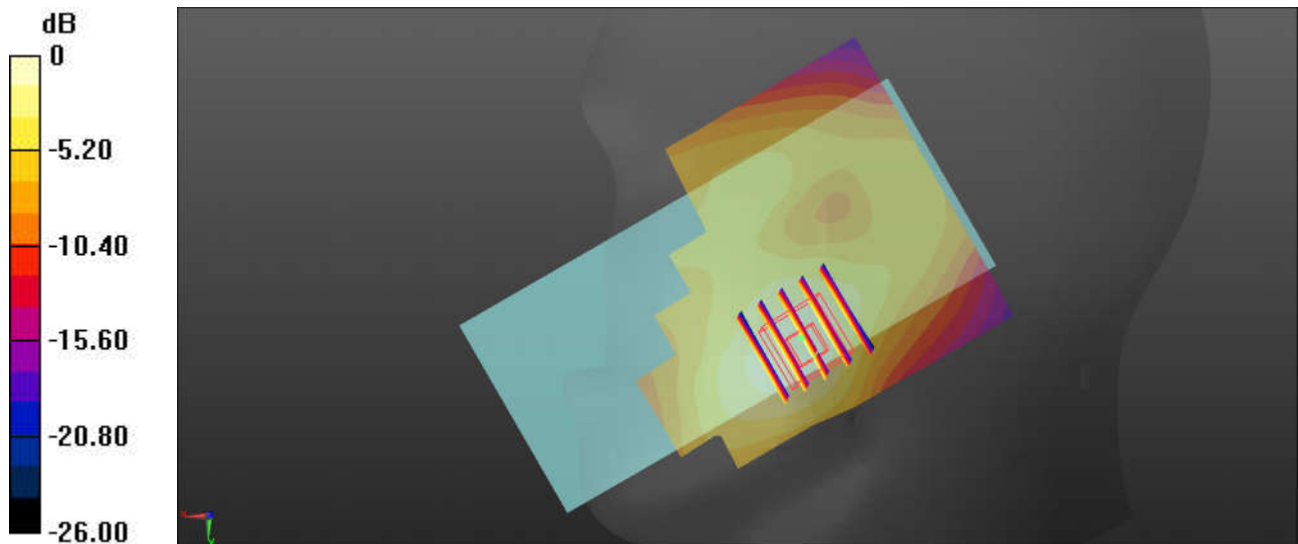
**Ch132322/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.448 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.199 W/kg

**SAR(1 g) = 0.135 W/kg; SAR(10 g) = 0.085 W/kg**

Maximum value of SAR (measured) = 0.153 W/kg



0 dB = 0.159 W/kg = -7.99 dBW/kg

**10\_LTE Band 7\_20M\_QPSK\_1RB\_0Offset\_Right Cheek\_0mm\_Ch21100**

Communication System: UID 0, LTE-FDD (0); Frequency: 2535 MHz; Duty Cycle: 1:1  
Medium: HSL\_2600 Medium parameters used:  $f = 2535$  MHz;  $\sigma = 1.857$  S/m;  $\epsilon_r = 40.367$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.3 °C; Liquid Temperature : 22.8 °C

**DASY5 Configuration:**

- Probe: ES3DV3 - SN3293; ConvF(4.39, 4.39, 4.39); Calibrated: 2019.11.25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2019.11.20
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

**Ch21100/Area Scan (91x101x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.130 W/kg

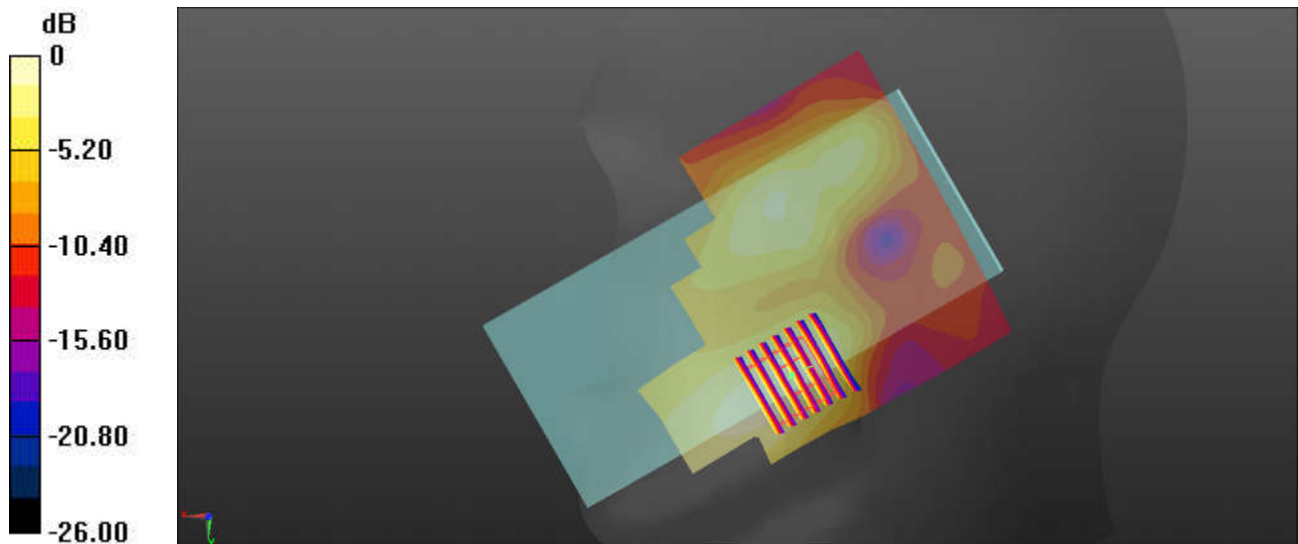
**Ch21100/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.465 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.193 W/kg

**SAR(1 g) = 0.101 W/kg; SAR(10 g) = 0.054 W/kg**

Maximum value of SAR (measured) = 0.125 W/kg



0 dB = 0.130 W/kg = -8.86 dBW/kg

**11\_LTE Band 41\_20M\_QPSK\_1RB\_0Offset\_Right Cheek\_0mm\_Ch40640**

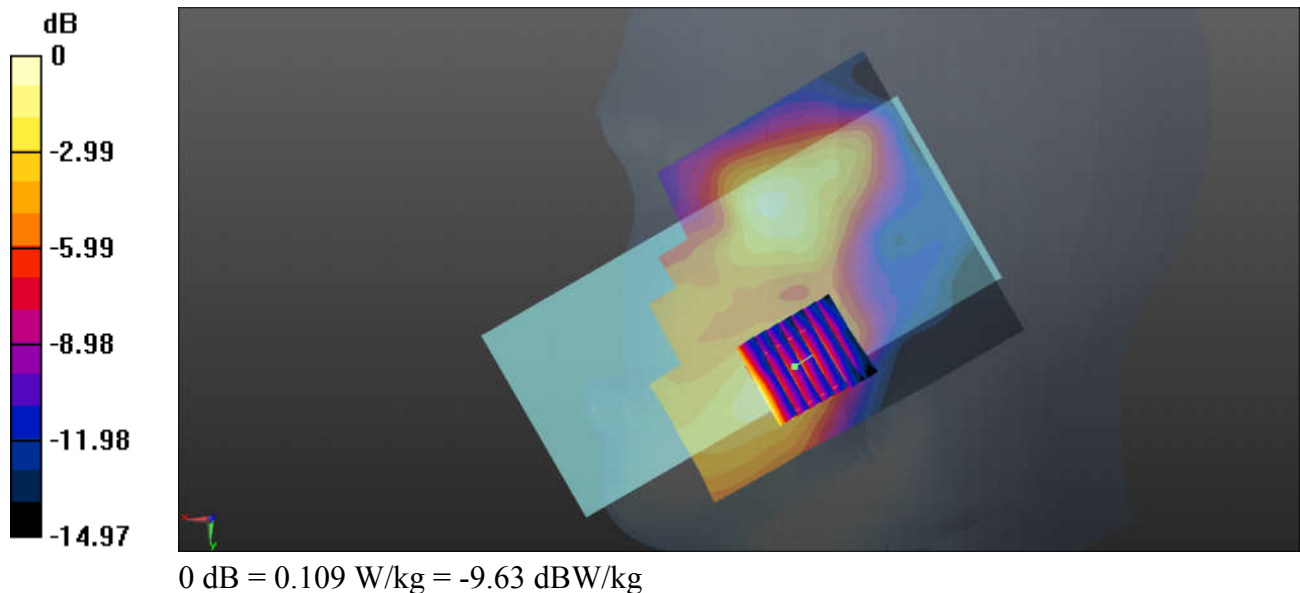
Communication System: UID 0, LTE-TDD (0); Frequency: 2595 MHz; Duty Cycle: 1:1.59  
Medium: HSL\_2600 Medium parameters used:  $f = 2595$  MHz;  $\sigma = 2.026$  S/m;  $\epsilon_r = 37.955$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.8 °C

**DASY5 Configuration:**

- Probe: ES3DV3 - SN3293; ConvF(4.39, 4.39, 4.39); Calibrated: 2019.11.25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2019.11.20
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

**Ch40640/Area Scan (91x101x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 0.112 W/kg

**Ch40640/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 2.080 V/m; Power Drift = -0.06 dB  
Peak SAR (extrapolated) = 0.172 W/kg  
**SAR(1 g) = 0.087 W/kg; SAR(10 g) = 0.046 W/kg**  
Maximum value of SAR (measured) = 0.109 W/kg



**12\_WLAN2.4GHz\_802.11b 1Mbps\_Left Cheek\_0mm\_Ch1**

Communication System: UID 0, 802.11b (0); Frequency: 2412 MHz; Duty Cycle: 1:1  
Medium: HSL\_2450 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.807$  S/m;  $\epsilon_r = 38.601$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.7 °C

**DASY5 Configuration:**

- Probe: ES3DV3 - SN3293; ConvF(4.6, 4.6, 4.6); Calibrated: 2019.11.25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2019.11.20
- Phantom: SAM2; Type: SAM; Serial: TP-1754
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

**Ch1/Area Scan (91x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.17 W/kg

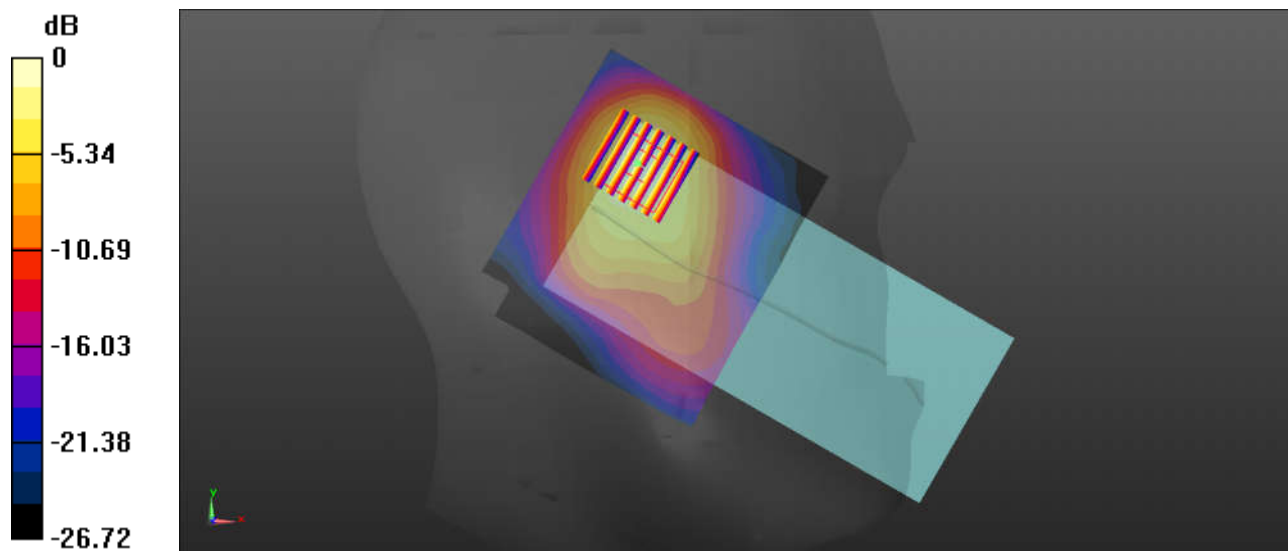
**Ch1/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.38 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 1.80 W/kg

**SAR(1 g) = 0.936 W/kg; SAR(10 g) = 0.446 W/kg**

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



0 dB = 1.23 W/kg = 0.90 dBW/kg

**13\_WLAN 5GHz\_802.11n-HT40 MCS0\_Left Cheek\_0mm\_Ch62**

Communication System: UID 0, 802.11n (0); Frequency: 5310 MHz; Duty Cycle: 1:1.038  
Medium: HSL\_5000 Medium parameters used:  $f = 5310$  MHz;  $\sigma = 4.667$  S/m;  $\epsilon_r = 36.289$ ;  
 $\rho = 1000 \text{ kg/m}^3$   
Ambient Temperature : 23.3 °C; Liquid Temperature : 22.9 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3857; ConvF(5.19, 5.19, 5.19); Calibrated: 2019.5.27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2019.7.23
- Phantom: SAM1; Type: SAM; Serial: 1753
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

**Ch62/Area Scan (101x81x1):** Interpolated grid:  $dx=1.000$  mm,  $dy=1.000$  mm

Maximum value of SAR (interpolated) = 2.59 W/kg

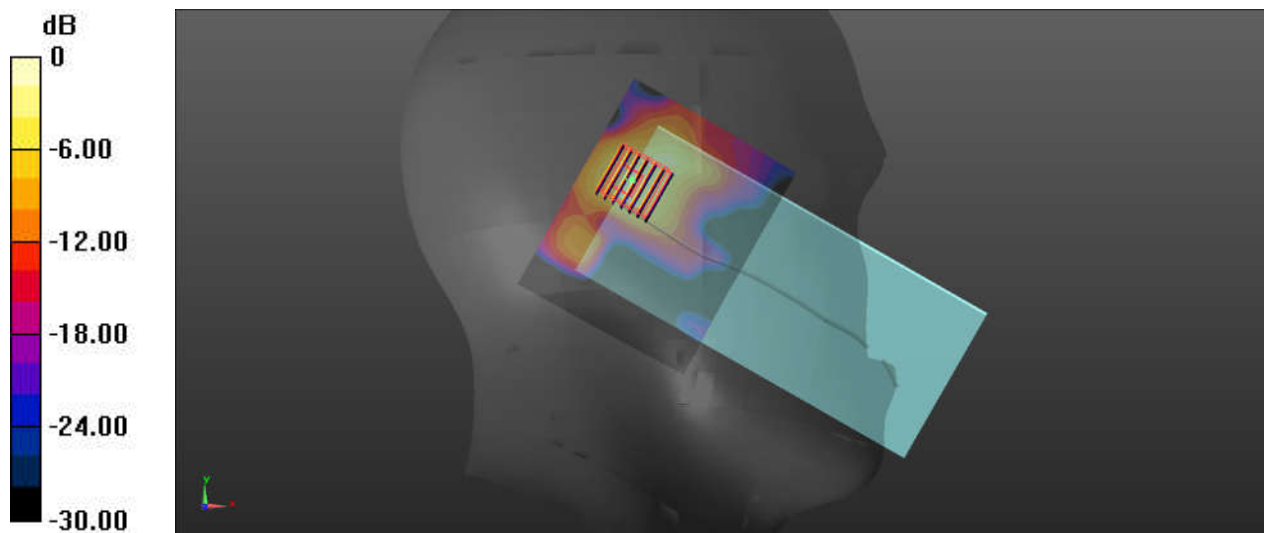
**Ch62/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=1.4\text{mm}$

Reference Value = 15.93 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 4.02 W/kg

**SAR(1 g) = 1.12 W/kg; SAR(10 g) = 0.370 W/kg**

Maximum value of SAR (measured) = 2.69 W/kg



0 dB = 2.59 W/kg = 4.13 dBW/kg

**14\_WLAN 5GHz\_802.11n-HT40 MCS0\_Right Tilted\_0mm\_Ch102**

Communication System: UID 0, 802.11n (0); Frequency: 5510 MHz; Duty Cycle: 1:1.038  
Medium: HSL\_5000 Medium parameters used:  $f = 5510$  MHz;  $\sigma = 4.889$  S/m;  $\epsilon_r = 35.958$ ;  
 $\rho = 1000 \text{ kg/m}^3$   
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.9 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3857; ConvF(4.92, 4.92, 4.92); Calibrated: 2019.5.27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2019.7.23
- Phantom: SAM1; Type: SAM; Serial: 1753
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

**Ch102/Area Scan (101x81x1):** Interpolated grid:  $dx=1.000$  mm,  $dy=1.000$  mm

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

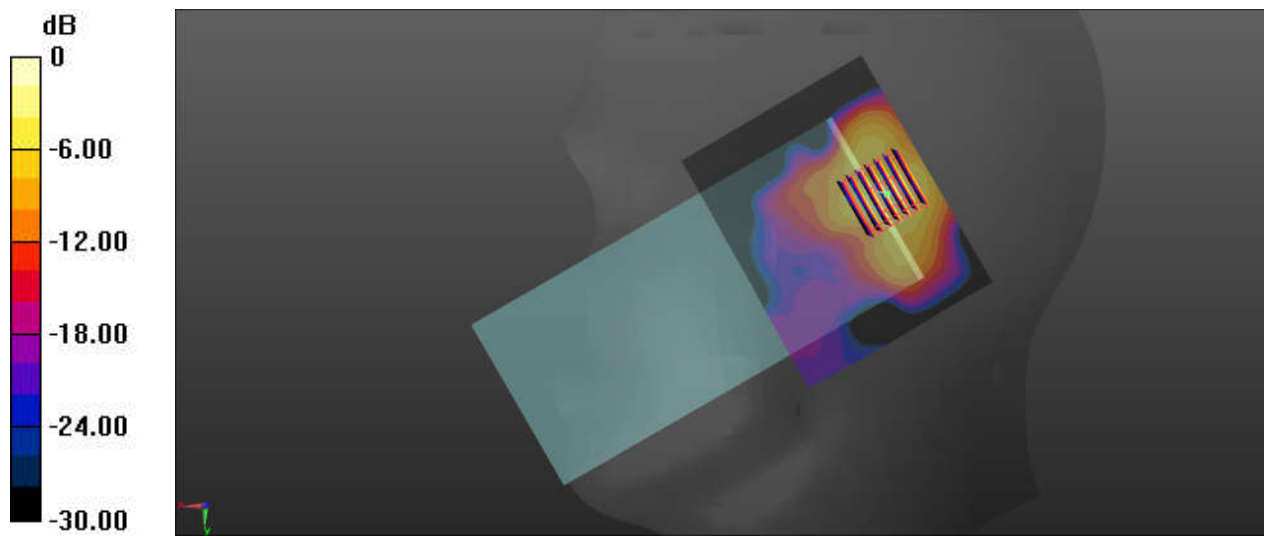
**Ch102/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=1.4\text{mm}$

Reference Value = 16.23 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 2.84 W/kg

**SAR(1 g) = 0.796 W/kg; SAR(10 g) = 0.240 W/kg**

Maximum value of SAR (measured) = 1.87 W/kg



0 dB = 1.80 W/kg = 2.55 dBW/kg

**15\_WLAN 5GHz\_802.11a 6Mbps\_Right Tilted\_0mm\_Ch157**

Communication System: UID 0, 802.11a (0); Frequency: 5785 MHz; Duty Cycle: 1:1.018  
Medium: HSL\_5000 Medium parameters used:  $f = 5785$  MHz;  $\sigma = 5.204$  S/m;  $\epsilon_r = 35.53$ ;  
 $\rho = 1000 \text{ kg/m}^3$   
Ambient Temperature : 23.3 °C; Liquid Temperature : 22.7 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3857; ConvF(5.17, 5.17, 5.17); Calibrated: 2019.5.27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2019.7.23
- Phantom: SAM1; Type: SAM; Serial: 1753
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

**Ch157/Area Scan (101x81x1):** Interpolated grid:  $dx=1.000$  mm,  $dy=1.000$  mm

Maximum value of SAR (interpolated) = 2.34 W/kg

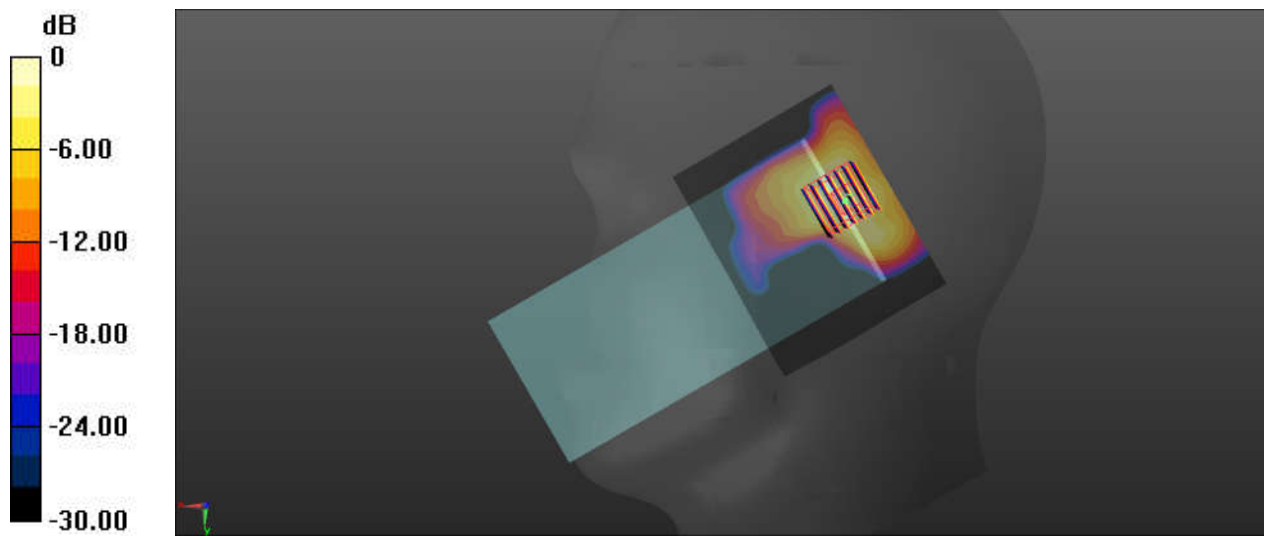
**Ch157/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=1.4\text{mm}$

Reference Value = 17.38 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 3.59 W/kg

**SAR(1 g) = 0.971 W/kg; SAR(10 g) = 0.364 W/kg**

Maximum value of SAR (measured) = 2.24 W/kg



0 dB = 2.34 W/kg = 3.69 dBW/kg

**16\_Bluetooth\_1Mbps\_Left Cheek\_0mm\_Ch0**

Communication System: UID 0, Bluetooth (0); Frequency: 2402 MHz; Duty Cycle: 1:1.292

Medium: HSL\_2450 Medium parameters used:  $f = 2402$  MHz;  $\sigma = 1.796$  S/m;  $\epsilon_r = 38.636$ ;

$$\rho = 1000 \text{ kg/m}^3$$

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3293; ConvF(4.6, 4.6, 4.6); Calibrated: 2019.11.25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2019.11.20
- Phantom: SAM2; Type: SAM; Serial: TP-1754
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

**Ch0/Area Scan (81x81x1):** Interpolated grid:  $dx=1.200$  mm,  $dy=1.200$  mm

Maximum value of SAR (interpolated) = 0.0748 W/kg

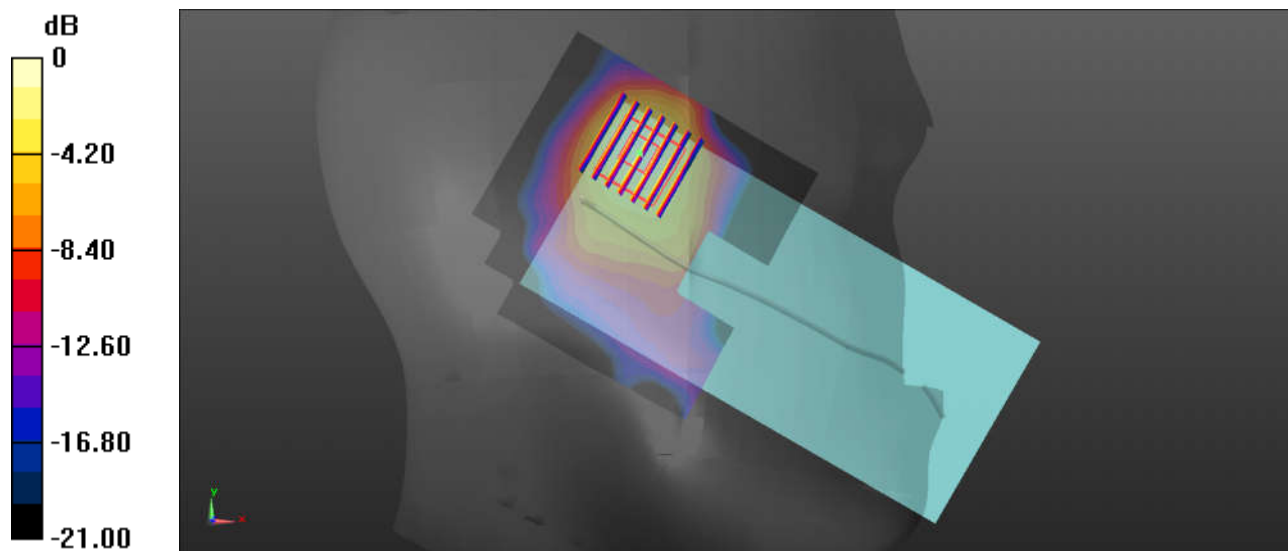
**Ch0/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 2.891 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.118 W/kg

**SAR(1 g) = 0.060 W/kg; SAR(10 g) = 0.026 W/kg**

Maximum value of SAR (measured) = 0.0740 W/kg



0 dB = 0.0740 W/kg = -11.31 dBW/kg

**17\_GSM850\_GPRS 3 Tx slots\_Bottom Side\_5mm\_Ch189**

Communication System: UID 0, GSM850-3UP (0); Frequency: 836.4 MHz; Duty Cycle: 1:2.77

Medium: HSL\_835 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.906$  S/m;  $\epsilon_r = 41.299$ ;

$\rho = 1000 \text{ kg/m}^3$

Ambient Temperature :  $23.3^\circ\text{C}$ ; Liquid Temperature :  $22.7^\circ\text{C}$

DASY5 Configuration:

- Probe: ES3DV3 - SN3293; ConvF(6.39, 6.39, 6.39); Calibrated: 2019.11.25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2019.11.20
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

**Ch189/Area Scan (41x71x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

Maximum value of SAR (interpolated) =  $0.974$  W/kg

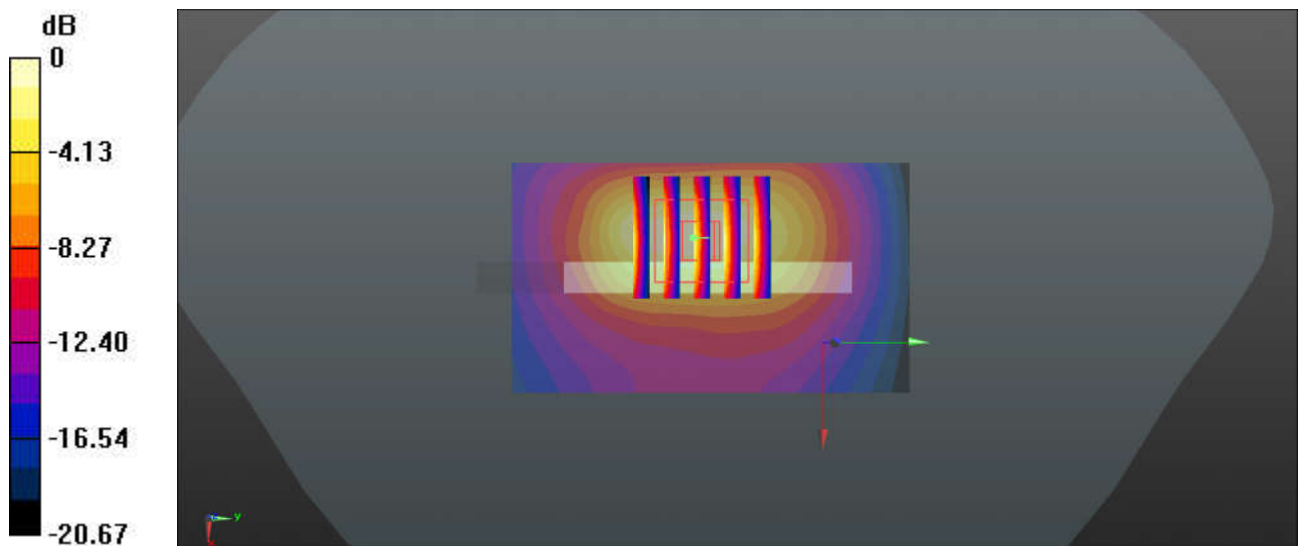
**Ch189/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value =  $22.43$  V/m; Power Drift =  $0.09$  dB

Peak SAR (extrapolated) =  $2.36$  W/kg

**SAR(1 g) =  $0.946$  W/kg; SAR(10 g) =  $0.417$  W/kg**

Maximum value of SAR (measured) =  $1.31$  W/kg



$0 \text{ dB} = 0.974 \text{ W/kg} = -0.11 \text{ dBW/kg}$

**18\_GSM1900\_GPRS 3 Tx slots\_Bottom Side\_5mm\_Ch810**

Communication System: UID 0, PCS-3UP (0); Frequency: 1909.8 MHz; Duty Cycle: 1:2.77

Medium: HSL\_1900 Medium parameters used:  $f = 1909.8$  MHz;  $\sigma = 1.413$  S/m;  $\epsilon_r =$

$39.046$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3293; ConvF(5.32, 5.32, 5.32); Calibrated: 2019.11.25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2019.11.20
- Phantom: SAM2; Type: SAM; Serial: TP-1754
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

**Ch810/Area Scan (41x81x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

Maximum value of SAR (interpolated) =  $1.85$  W/kg

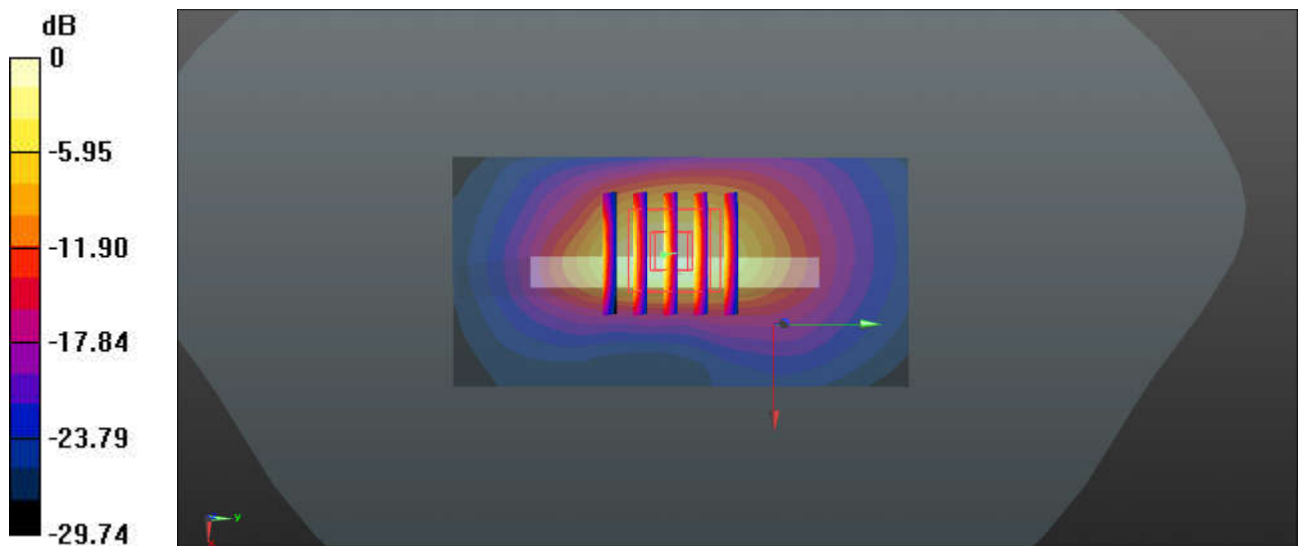
**Ch810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value =  $29.51$  V/m; Power Drift =  $0.09$  dB

Peak SAR (extrapolated) =  $2.60$  W/kg

**SAR(1 g) =  $1.19$  W/kg; SAR(10 g) =  $0.516$  W/kg**

Maximum value of SAR (measured) =  $1.61$  W/kg



0 dB =  $1.85$  W/kg =  $2.67$  dBW/kg

**19\_WCDMA II\_RMC 12.2Kbps\_Back\_5mm\_Ch9538**

Communication System: UID 0, WCDMA (0); Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium: HSL\_1900 Medium parameters used:  $f = 1907.6$  MHz;  $\sigma = 1.411$  S/m;  $\epsilon_r =$

$39.055$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3293; ConvF(5.32, 5.32, 5.32); Calibrated: 2019.11.25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2019.11.20
- Phantom: SAM2; Type: SAM; Serial: TP-1754
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

**Ch9538/Area Scan (81x71x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

Maximum value of SAR (interpolated) = 1.81 W/kg

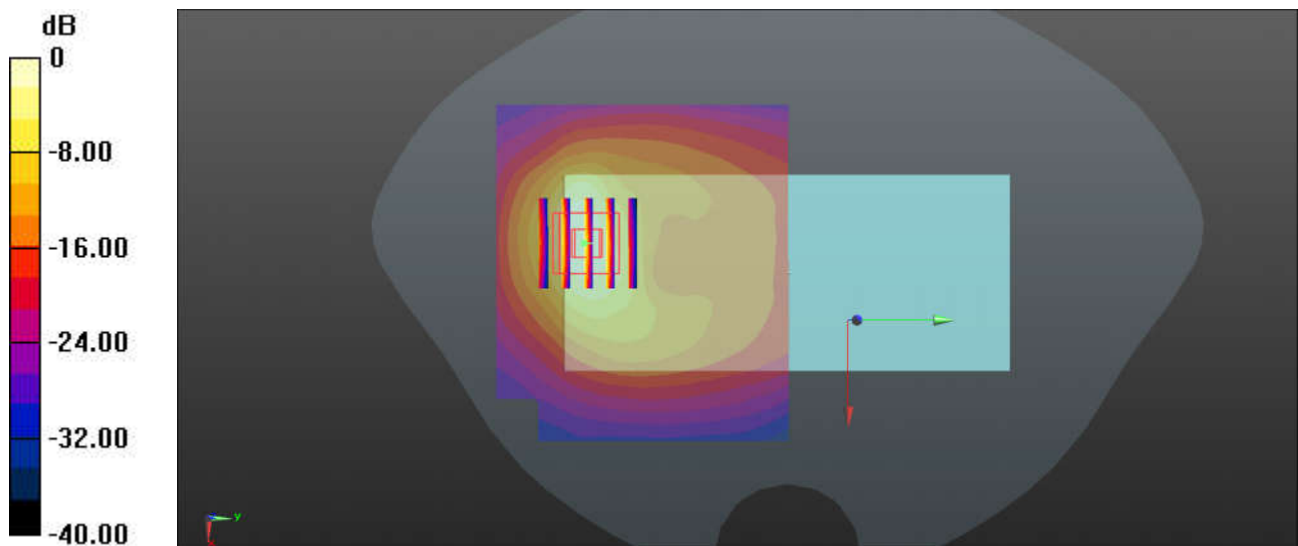
**Ch9538/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 5.371 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 2.39 W/kg

**SAR(1 g) = 1.25 W/kg; SAR(10 g) = 0.605 W/kg**

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



0 dB = 1.81 W/kg = 2.58 dBW/kg

**20\_WCDMA IV\_RMC 12.2Kbps\_Back\_5mm\_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;  $\sigma = 1.366$  S/m;  $\epsilon_r$

$= 39.016$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3293; ConvF(5.53, 5.53, 5.53); Calibrated: 2019.11.25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2019.11.20
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

**Ch1513/Area Scan (81x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.54 W/kg

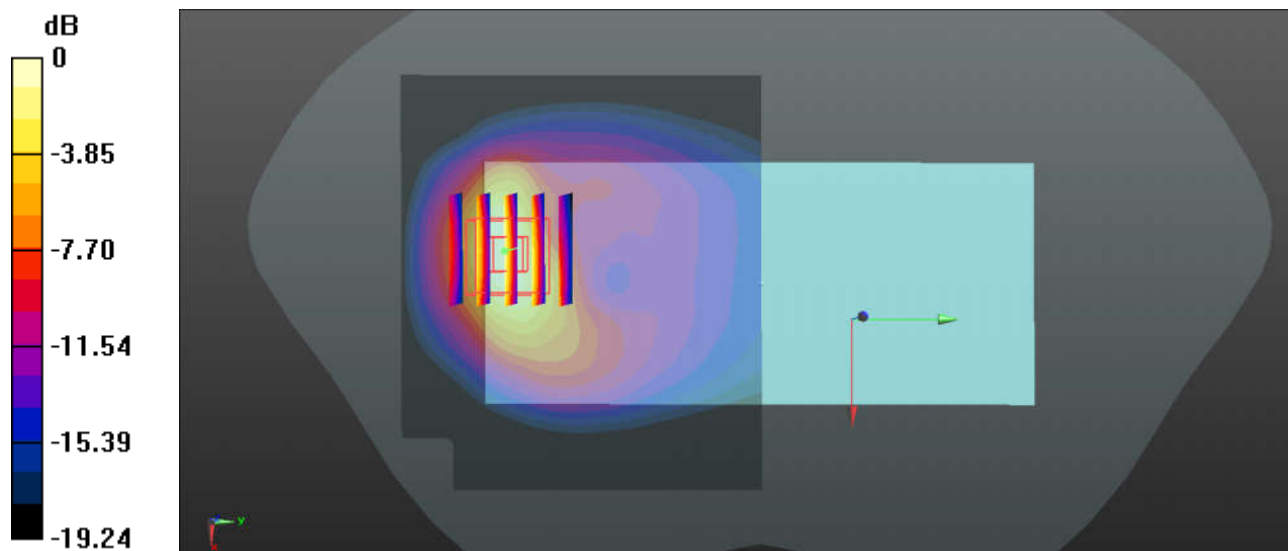
**Ch1513/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.019 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 2.06 W/kg

**SAR(1 g) = 1.17 W/kg; SAR(10 g) = 0.593 W/kg**

Maximum value of SAR (measured) = 1.47 W/kg



0 dB = 1.47 W/kg = 1.67 dBW/kg

**21\_WCDMA V\_RMC 12.2Kbps\_Back\_5mm\_Ch4233**

Communication System: UID 0, WCDMA (0); Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: HSL\_835 Medium parameters used:  $f = 846.6$  MHz;  $\sigma = 0.917$  S/m;  $\epsilon_r =$

$41.171$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3293; ConvF(6.39, 6.39, 6.39); Calibrated: 2019.11.25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2019.11.20
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

**Ch4233/Area Scan (71x71x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

Maximum value of SAR (interpolated) = 1.77 W/kg

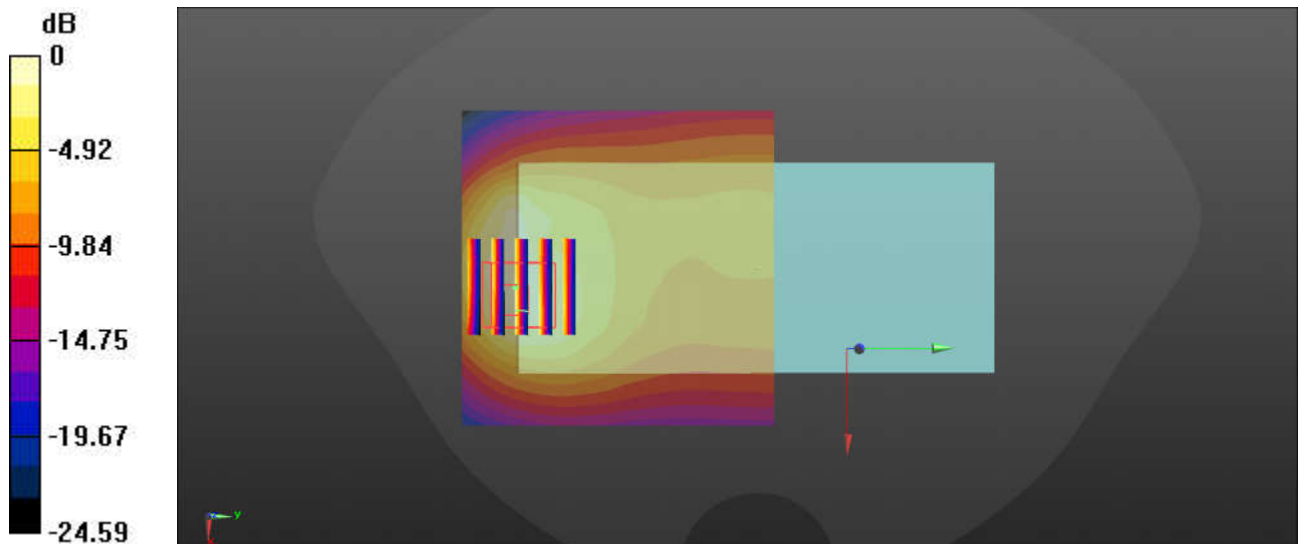
**Ch4233/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 21.74 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 2.70 W/kg

**SAR(1 g) = 1.19 W/kg; SAR(10 g) = 0.640 W/kg**

Maximum value of SAR (measured) = 1.55 W/kg



0 dB = 1.77 W/kg = 2.48 dBW/kg

**22\_LTE Band 2\_20M\_QPSK\_50RB\_0Offset\_Bottom Side\_5mm\_Ch19100**

Communication System: UID 0, LTE-FDD (0); Frequency: 1900 MHz; Duty Cycle: 1:1  
Medium: HSL\_1900 Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.403$  S/m;  $\epsilon_r = 39.091$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.8 °C

**DASY5 Configuration:**

- Probe: ES3DV3 - SN3293; ConvF(5.32, 5.32, 5.32); Calibrated: 2019.11.25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2019.11.20
- Phantom: SAM2; Type: SAM; Serial: TP-1754
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

**Ch19100/Area Scan (41x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.75 W/kg

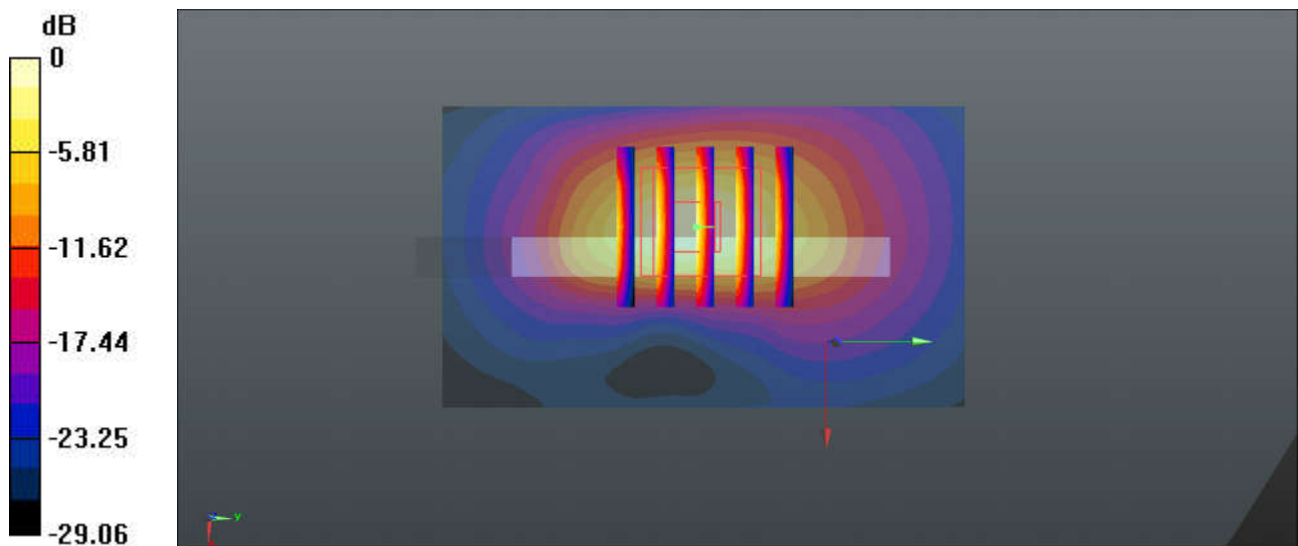
**Ch19100/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.58 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 2.43 W/kg

**SAR(1 g) = 1.12 W/kg; SAR(10 g) = 0.483 W/kg**

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



0 dB = 1.75 W/kg = 2.43 dBW/kg

**23\_LTE Band 26\_15M\_QPSK\_1RB\_0Offset\_Back\_5mm\_Ch26865**

Communication System: UID 0, LTE-FDD (0); Frequency: 831.5 MHz; Duty Cycle: 1:1  
Medium: HSL\_835 Medium parameters used:  $f = 831.5$  MHz;  $\sigma = 0.901$  S/m;  $\epsilon_r = 41.356$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.7 °C

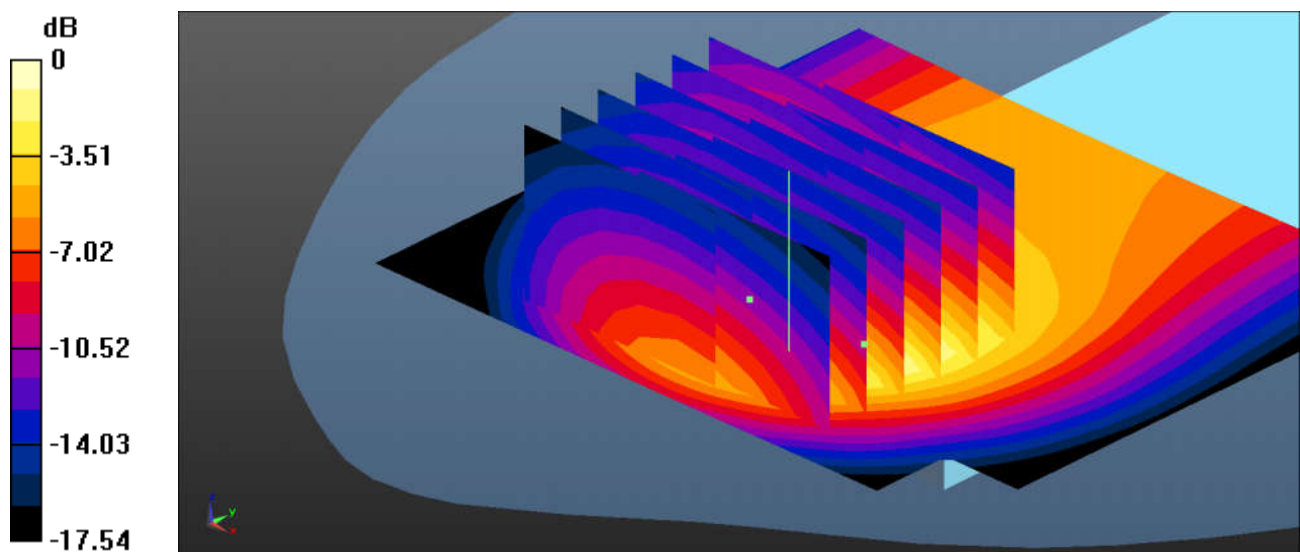
**DASY5 Configuration:**

- Probe: ES3DV3 - SN3293; ConvF(6.39, 6.39, 6.39); Calibrated: 2019.11.25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2019.11.20
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

**Ch26865/Area Scan (81x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 1.22 W/kg

**Ch26865/Zoom Scan (6x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 19.04 V/m; Power Drift = -0.02 dB  
Peak SAR (extrapolated) = 2.00 W/kg  
**SAR(1 g) = 0.895 W/kg; SAR(10 g) = 0.499 W/kg**  
Maximum value of SAR (measured) = 1.19 W/kg

**Ch26865/Zoom Scan (6x6x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 19.04 V/m; Power Drift = -0.02 dB  
Peak SAR (extrapolated) = 1.92 W/kg  
**SAR(1 g) = 0.852 W/kg; SAR(10 g) = 0.481 W/kg**  
Maximum value of SAR (measured) = 1.14 W/kg



0 dB = 1.14 W/kg = 0.57 dBW/kg

**24\_LTE Band 12\_10M\_QPSK\_1RB\_0Offset\_Back\_5mm\_Ch23095**

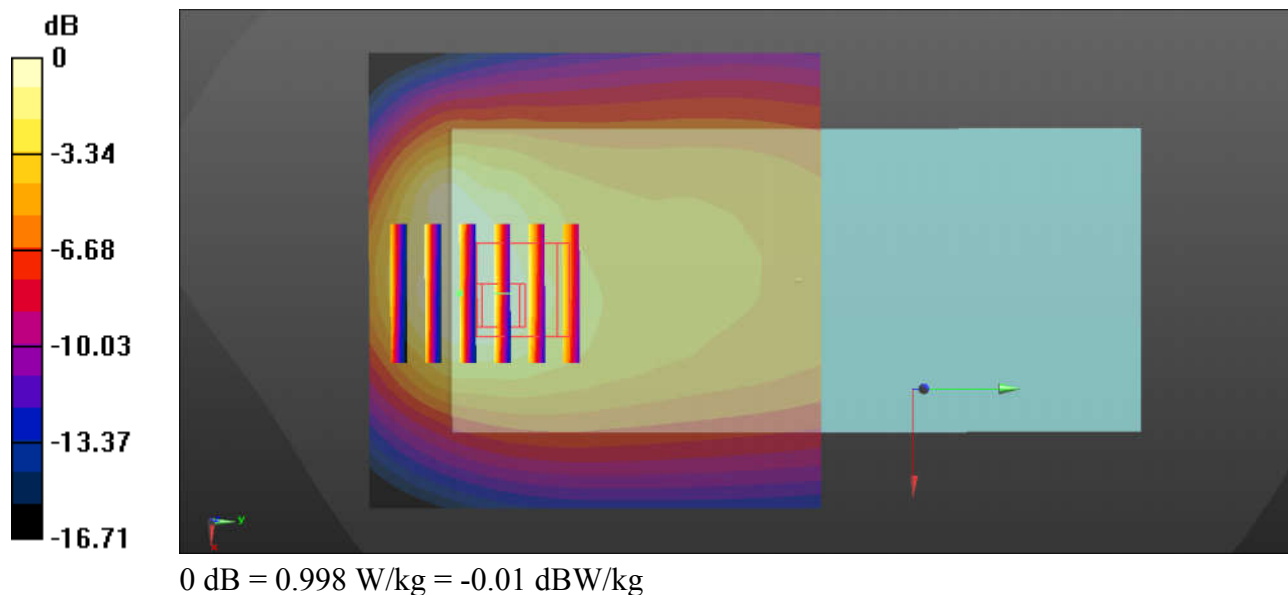
Communication System: UID 0, LTE-FDD (0); Frequency: 707.5 MHz; Duty Cycle: 1:1  
Medium: HSL\_750 Medium parameters used:  $f = 707.5$  MHz;  $\sigma = 0.859$  S/m;  $\epsilon_r = 42.997$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.7 °C

**DASY5 Configuration:**

- Probe: ES3DV3 - SN3293; ConvF(6.56, 6.56, 6.56); Calibrated: 2019.11.25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2019.11.20
- Phantom: SAM2; Type: SAM; Serial: TP-1754
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

**Ch23095/Area Scan (71x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 1.11 W/kg

**Ch23095/Zoom Scan (5x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 20.37 V/m; Power Drift = -0.02 dB  
Peak SAR (extrapolated) = 1.68 W/kg  
**SAR(1 g) = 0.775 W/kg; SAR(10 g) = 0.444 W/kg**  
Maximum value of SAR (measured) = 0.998 W/kg



**25\_LTE Band 66\_20M\_QPSK\_100RB\_0Offset\_Back\_5mm\_Ch132322**

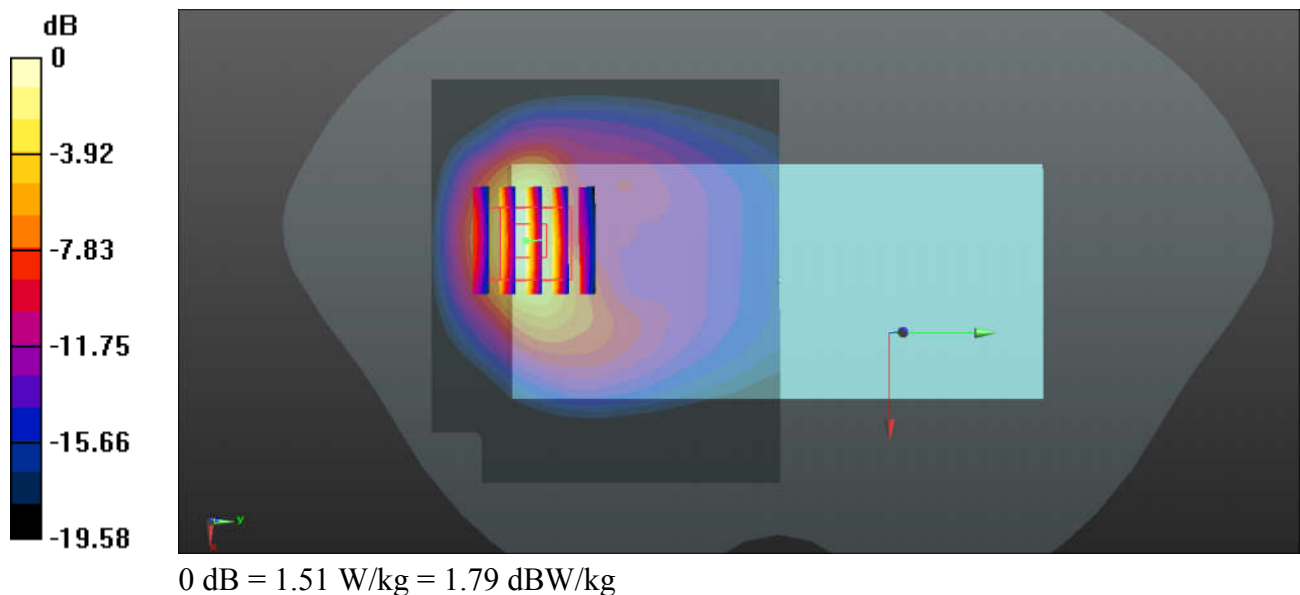
Communication System: UID 0, LTE-FDD (0); Frequency: 1745 MHz; Duty Cycle: 1:1  
Medium: HSL\_1750 Medium parameters used:  $f = 1745$  MHz;  $\sigma = 1.357$  S/m;  $\epsilon_r = 39.052$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.6 °C

**DASY5 Configuration:**

- Probe: ES3DV3 - SN3293; ConvF(5.53, 5.53, 5.53); Calibrated: 2019.11.25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2019.11.20
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

**Ch132322/Area Scan (81x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 1.55 W/kg

**Ch132322/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 5.463 V/m; Power Drift = 0.09 dB  
Peak SAR (extrapolated) = 2.16 W/kg  
**SAR(1 g) = 1.18 W/kg; SAR(10 g) = 0.582 W/kg**  
Maximum value of SAR (measured) = 1.51 W/kg



**26\_LTE Band 7\_20M\_QPSK\_50RB\_0Offset\_Bottom Side\_5mm\_Ch21350**

Communication System: UID 0, LTE-FDD (0); Frequency: 2560 MHz; Duty Cycle: 1:1  
Medium: HSL\_2600 Medium parameters used:  $f = 2560$  MHz;  $\sigma = 1.988$  S/m;  $\epsilon_r = 38.096$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.8 °C

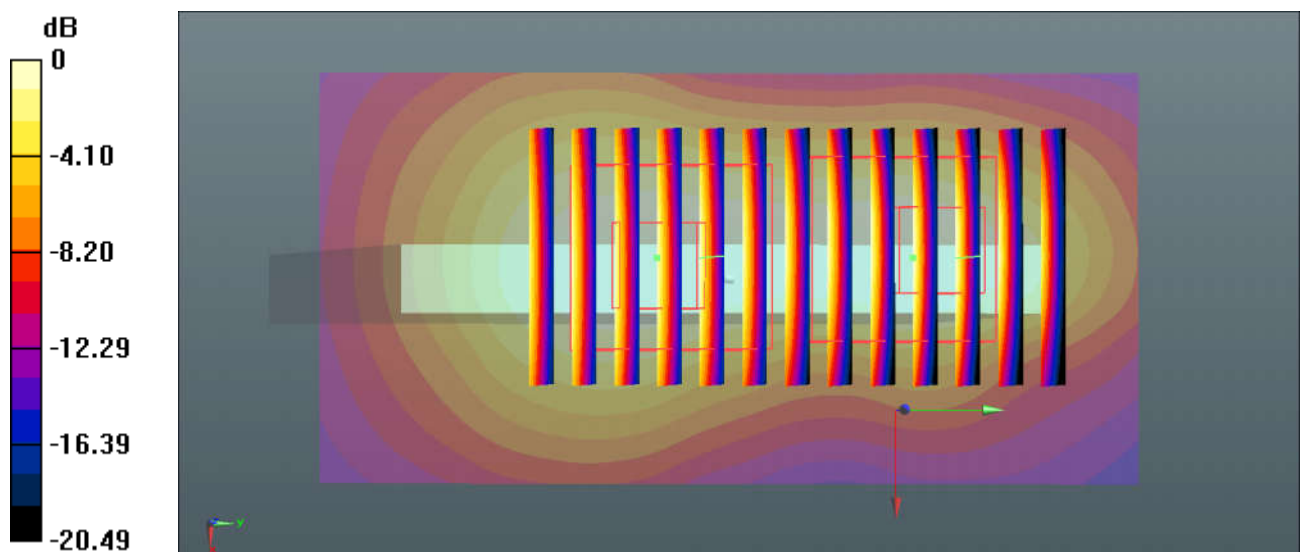
**DASY5 Configuration:**

- Probe: ES3DV3 - SN3293; ConvF(4.39, 4.39, 4.39); Calibrated: 2019.11.25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2019.11.20
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

**Ch21350/Area Scan (41x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 1.26 W/kg

**Ch21350/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 22.62 V/m; Power Drift = -0.10 dB  
Peak SAR (extrapolated) = 2.35 W/kg  
**SAR(1 g) = 0.933 W/kg; SAR(10 g) = 0.398 W/kg**  
Maximum value of SAR (measured) = 1.31 W/kg

**Ch21350/Zoom Scan (7x7x7)/Cube 1:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 22.62 V/m; Power Drift = -0.10 dB  
Peak SAR (extrapolated) = 1.61 W/kg  
**SAR(1 g) = 0.813 W/kg; SAR(10 g) = 0.419 W/kg**  
Maximum value of SAR (measured) = 1.03 W/kg



0 dB = 1.03 W/kg = 0.13 dBW/kg

**27\_LTE Band 41\_20M\_QPSK\_1RB\_0Offset\_Bottom Side\_5mm\_Ch40390**

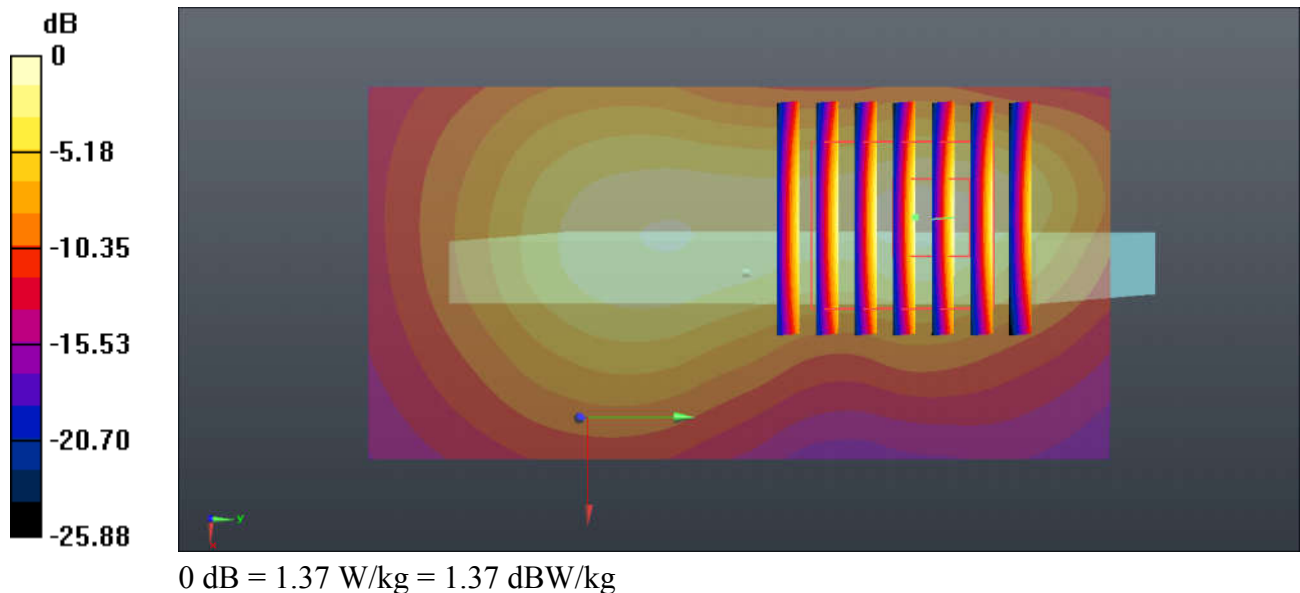
Communication System: UID 0, LTE-TDD (0); Frequency: 2570 MHz; Duty Cycle: 1:1.59  
Medium: HSL\_2600 Medium parameters used:  $f = 2570$  MHz;  $\sigma = 1.998$  S/m;  $\epsilon_r = 38.067$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.8 °C

**DASY5 Configuration:**

- Probe: ES3DV3 - SN3293; ConvF(4.39, 4.39, 4.39); Calibrated: 2019.11.25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2019.11.20
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

**Ch40390/Area Scan (41x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 1.12 W/kg

**Ch40390/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 19.10 V/m; Power Drift = 0.02 dB  
Peak SAR (extrapolated) = 2.58 W/kg  
**SAR(1 g) = 0.981 W/kg; SAR(10 g) = 0.404 W/kg**  
Maximum value of SAR (measured) = 1.37 W/kg



**28\_WLAN2.4GHz\_802.11b 1Mbps\_Front\_5mm\_Ch11**

Communication System: UID 0, 802.11b (0); Frequency: 2462 MHz; Duty Cycle: 1:1  
Medium: HSL\_2450 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.868$  S/m;  $\epsilon_r = 38.411$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.7 °C

**DASY5 Configuration:**

- Probe: ES3DV3 - SN3293; ConvF(4.6, 4.6, 4.6); Calibrated: 2019.11.25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2019.11.20
- Phantom: SAM2; Type: SAM; Serial: TP-1754
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

**Ch11/Area Scan (91x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.18 W/kg

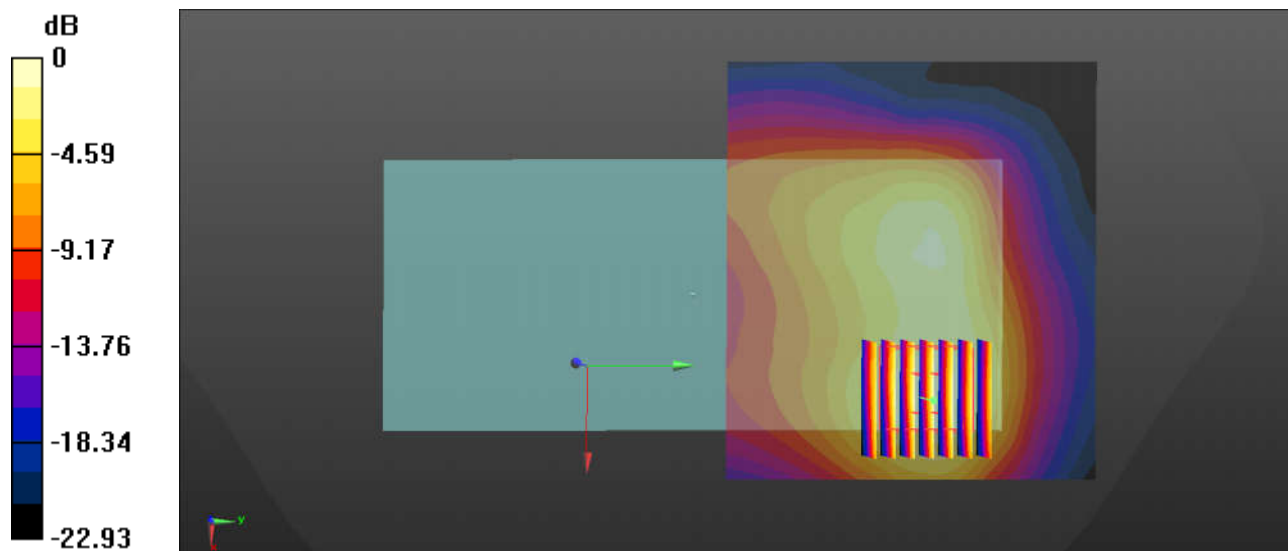
**Ch11/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.821 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.72 W/kg

**SAR(1 g) = 0.904 W/kg; SAR(10 g) = 0.449 W/kg**

Maximum value of SAR (measured) = 1.12 W/kg



0 dB = 1.12 W/kg = 0.49 dBW/kg

**29\_WLAN 5GHz\_802.11n-HT40 MCS0\_Back\_5mm\_Ch38**

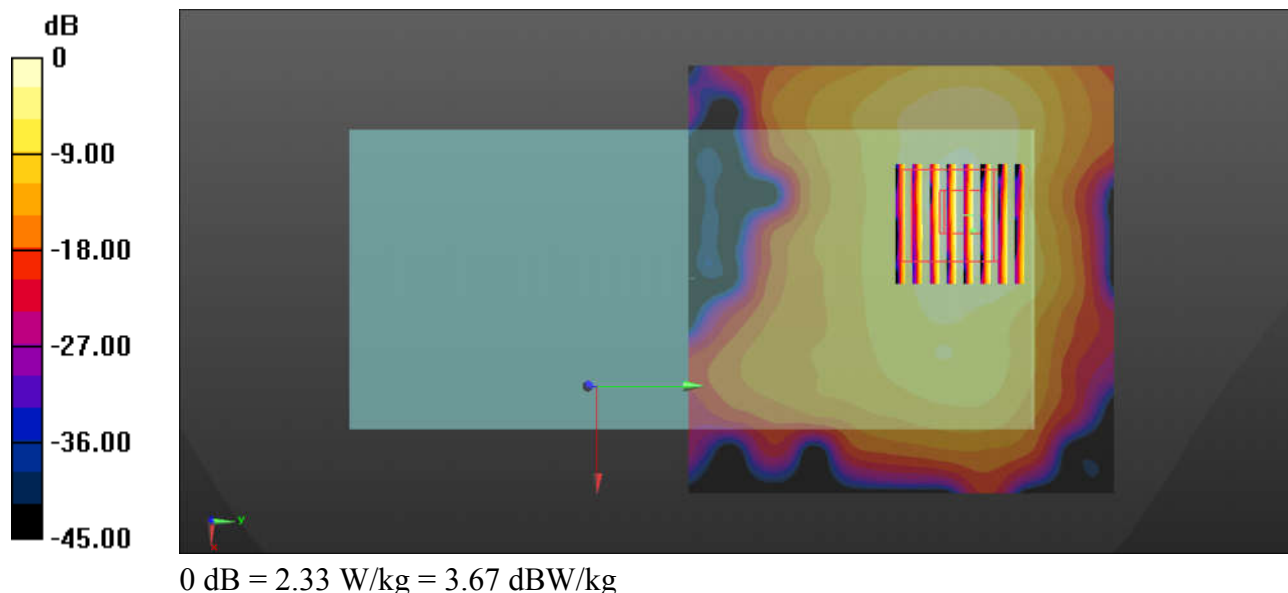
Communication System: UID 0, 802.11n (0); Frequency: 5190 MHz; Duty Cycle: 1:1.038  
Medium: HSL\_5000 Medium parameters used:  $f = 5190$  MHz;  $\sigma = 4.525$  S/m;  $\epsilon_r = 36.505$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.9 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3857; ConvF(5.19, 5.19, 5.19); Calibrated: 2019.5.27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2019.7.23
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

**Ch38/Area Scan (101x101x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 2.00 W/kg

**Ch38/Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm  
Reference Value = 1.081 V/m; Power Drift = -0.01 dB  
Peak SAR (extrapolated) = 3.45 W/kg  
**SAR(1 g) = 1.06 W/kg; SAR(10 g) = 0.367 W/kg**  
Maximum value of SAR (measured) = 2.33 W/kg



**30\_WLAN 5GHz\_802.11a 6Mbps\_Back\_5mm\_Ch165**

Communication System: UID 0, 802.11a (0); Frequency: 5825 MHz; Duty Cycle: 1:1.018

Medium: HSL\_5000 Medium parameters used:  $f = 5825$  MHz;  $\sigma = 5.25$  S/m;  $\epsilon_r = 35.438$ ;

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

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(5.17, 5.17, 5.17); Calibrated: 2019.5.27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2019.7.23
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

**Ch165/Area Scan (101x101x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 2.65 W/kg

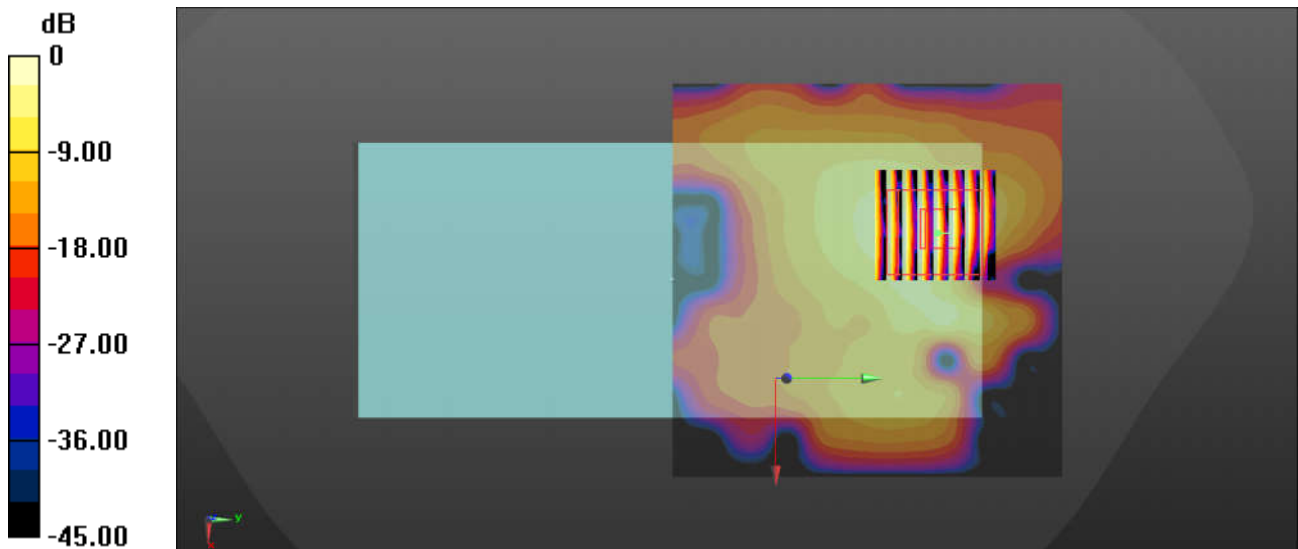
**Ch165/Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 0.4610 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 4.40 W/kg

**SAR(1 g) = 1.07 W/kg; SAR(10 g) = 0.332 W/kg**

Maximum value of SAR (measured) = 2.68 W/kg



0 dB = 2.68 W/kg = 4.28 dBW/kg

**31\_Bluetooth\_1Mbps\_Back\_5mm\_Ch0**

Communication System: UID 0, Bluetooth (0); Frequency: 2402 MHz; Duty Cycle: 1:1.292  
Medium: HSL\_2450 Medium parameters used:  $f = 2402$  MHz;  $\sigma = 1.796$  S/m;  $\epsilon_r = 38.636$ ;

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

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3293; ConvF(4.6, 4.6, 4.6); Calibrated: 2019.11.25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2019.11.20
- Phantom: SAM2; Type: SAM; Serial: TP-1754
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

**Ch0/Area Scan (81x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0483 W/kg

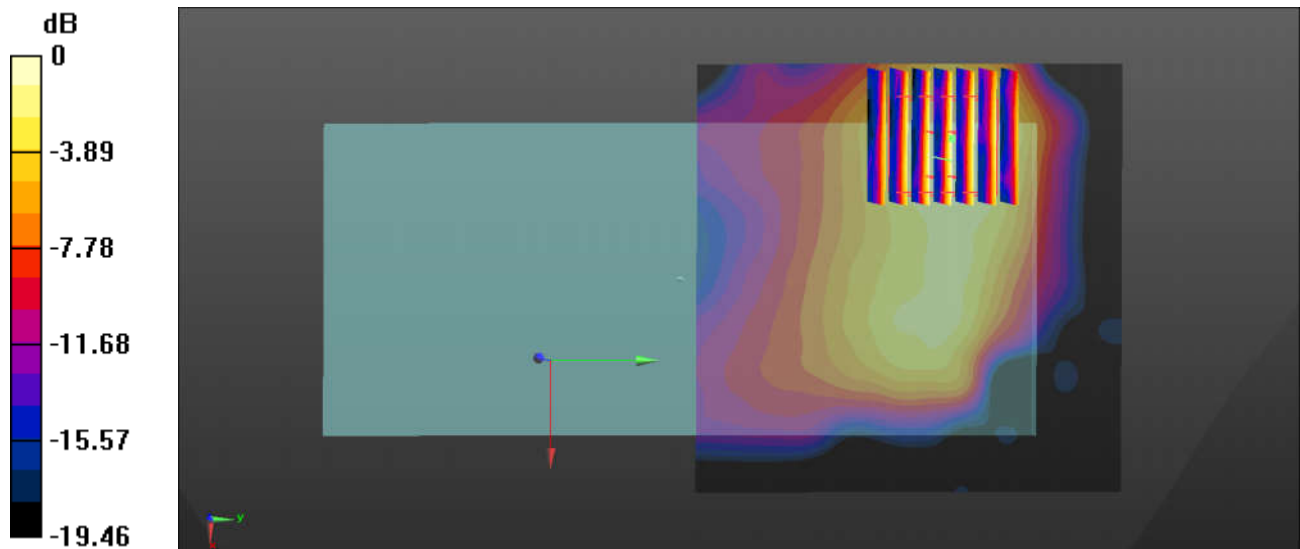
**Ch0/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.4920 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.0710 W/kg

**SAR(1 g) = 0.036 W/kg; SAR(10 g) = 0.016 W/kg**

Maximum value of SAR (measured) = 0.0433 W/kg



0 dB = 0.0433 W/kg = -13.64 dBW/kg

**32\_GSM850\_GPRS 3 Tx slots\_Back\_5mm\_Headset\_Ch251**

Communication System: UID 0, GSM850-3UP (0); Frequency: 848.8 MHz; Duty Cycle: 1:2.77

Medium: HSL\_850 Medium parameters used:  $f = 848.8$  MHz;  $\sigma = 0.919$  S/m;  $\epsilon_r = 41.146$ ;

$\rho = 1000 \text{ kg/m}^3$

Ambient Temperature :  $23.3^\circ\text{C}$ ; Liquid Temperature :  $22.7^\circ\text{C}$

DASY5 Configuration:

- Probe: ES3DV3 - SN3293; ConvF(6.39, 6.39, 6.39); Calibrated: 2019.11.25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2019.11.20
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

**Ch251/Area Scan (81x71x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

Maximum value of SAR (interpolated) =  $1.13 \text{ W/kg}$

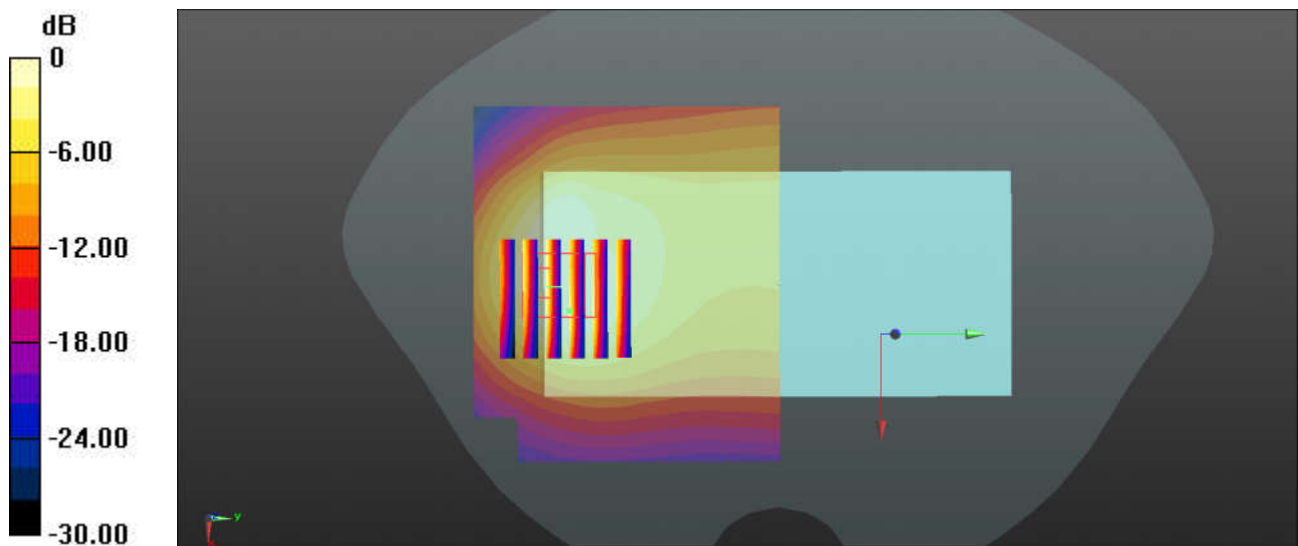
**Ch251/Zoom Scan (6x6x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $18.63 \text{ V/m}$ ; Power Drift =  $-0.07 \text{ dB}$

Peak SAR (extrapolated) =  $1.95 \text{ W/kg}$

**SAR(1 g) =  $0.931 \text{ W/kg}$ ; SAR(10 g) =  $0.498 \text{ W/kg}$**

Maximum value of SAR (measured) =  $1.23 \text{ W/kg}$



0 dB =  $1.13 \text{ W/kg}$  =  $0.53 \text{ dBW/kg}$

**33\_GSM1900\_GPRS 3 Tx slots\_Back\_5mm\_Ch810**

Communication System: UID 0, PCS-3UP (0); Frequency: 1909.8 MHz; Duty Cycle: 1:2.77

Medium: HSL\_1900 Medium parameters used:  $f = 1909.8$  MHz;  $\sigma = 1.413$  S/m;  $\epsilon_r =$

$39.046$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3293; ConvF(5.32, 5.32, 5.32); Calibrated: 2019.11.25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2019.11.20
- Phantom: SAM2; Type: SAM; Serial: TP-1754
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

**Ch810/Area Scan (81x71x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

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

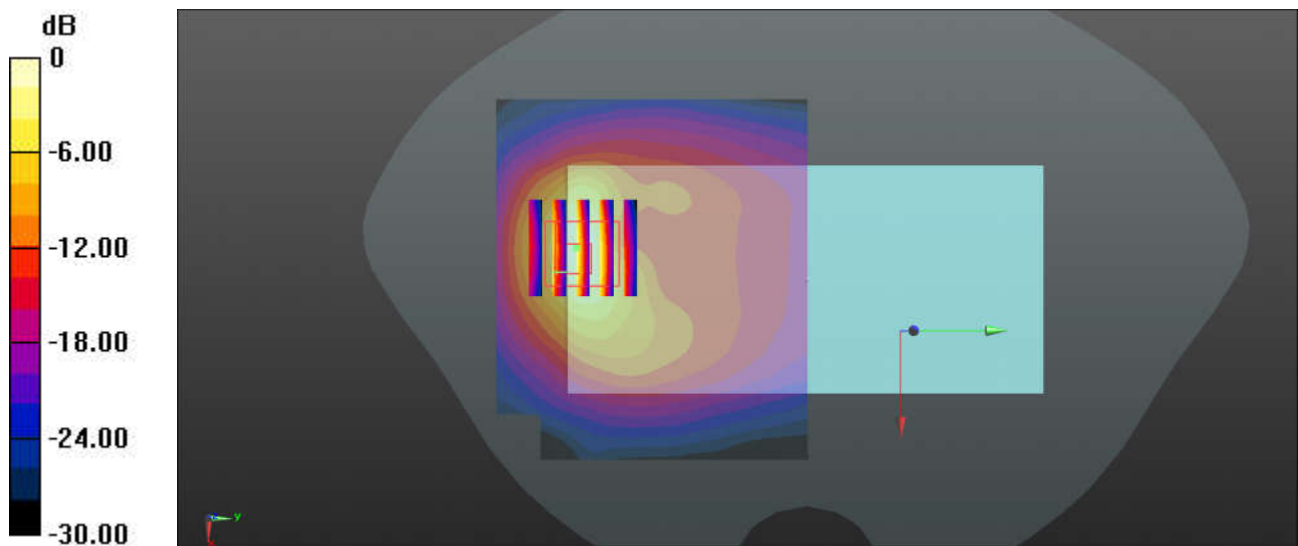
**Ch810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 4.465 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 5.21 W/kg

**SAR(1 g) = 1.08 W/kg; SAR(10 g) = 0.517 W/kg**

Maximum value of SAR (measured) = 1.46 W/kg



0 dB = 1.20 W/kg = 0.79 dBW/kg

**34\_WCDMA II\_RMC 12.2Kbps\_Back\_5mm\_Ch9538**

Communication System: UID 0, WCDMA (0); Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium: HSL\_1900 Medium parameters used:  $f = 1907.6$  MHz;  $\sigma = 1.411$  S/m;  $\epsilon_r =$

$39.055$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3293; ConvF(5.32, 5.32, 5.32); Calibrated: 2019.11.25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2019.11.20
- Phantom: SAM2; Type: SAM; Serial: TP-1754
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

**Ch9538/Area Scan (81x71x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

Maximum value of SAR (interpolated) = 1.81 W/kg

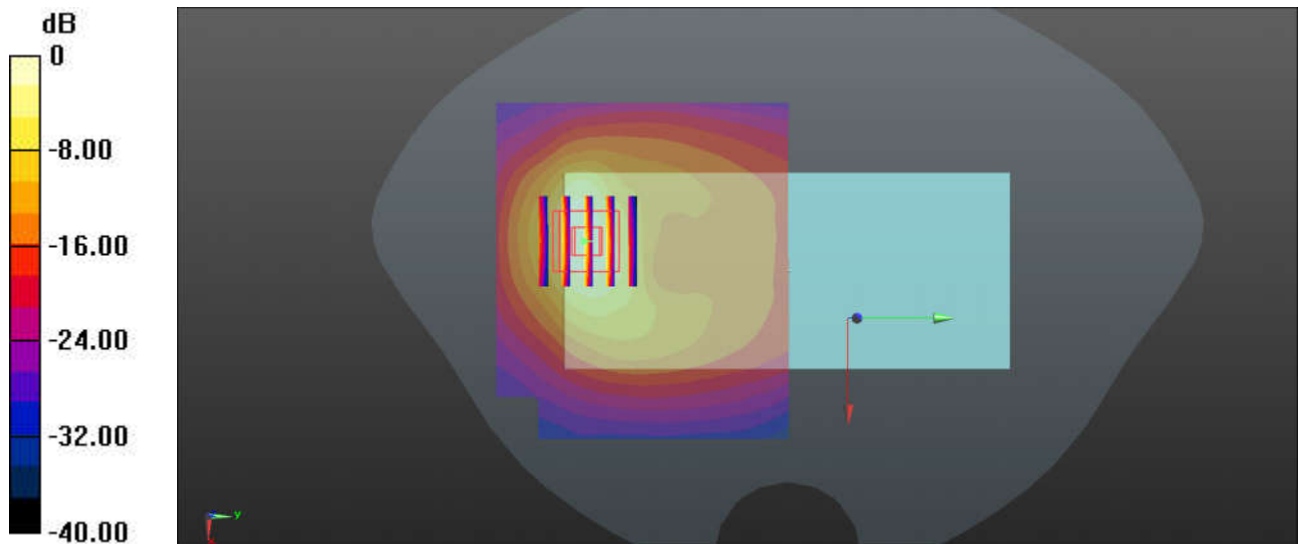
**Ch9538/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 5.371 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 2.39 W/kg

**SAR(1 g) = 1.25 W/kg; SAR(10 g) = 0.605 W/kg**

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



0 dB = 1.81 W/kg = 2.58 dBW/kg

**35\_WCDMA IV\_RMC 12.2Kbps\_Back\_5mm\_Ch1513**

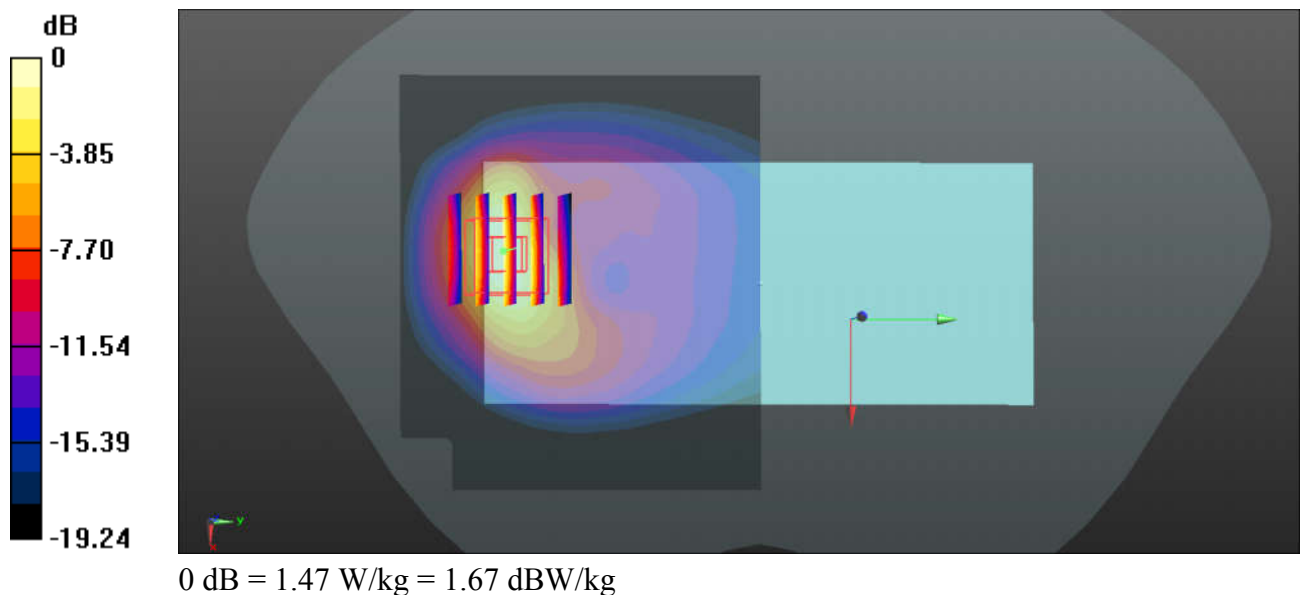
Communication System: UID 0, WCDMA (0); Frequency: 1752.6 MHz; Duty Cycle: 1:1  
Medium: HSL\_1750 Medium parameters used:  $f = 1752.6$  MHz;  $\sigma = 1.366$  S/m;  $\epsilon_r$   
= 39.016;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.6 °C

**DASY5 Configuration:**

- Probe: ES3DV3 - SN3293; ConvF(5.53, 5.53, 5.53); Calibrated: 2019.11.25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2019.11.20
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

**Ch1513/Area Scan (81x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 1.54 W/kg

**Ch1513/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 6.019 V/m; Power Drift = -0.00 dB  
Peak SAR (extrapolated) = 2.06 W/kg  
**SAR(1 g) = 1.17 W/kg; SAR(10 g) = 0.593 W/kg**  
Maximum value of SAR (measured) = 1.47 W/kg



**36\_WCDMA V\_RMC 12.2Kbps\_Back\_5mm\_Ch4233**

Communication System: UID 0, WCDMA (0); Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: HSL\_835 Medium parameters used:  $f = 846.6$  MHz;  $\sigma = 0.917$  S/m;  $\epsilon_r =$

$41.171$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3293; ConvF(6.39, 6.39, 6.39); Calibrated: 2019.11.25

- Sensor-Surface: 3mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1338; Calibrated: 2019.11.20

- Phantom: SAM1; Type: SAM; Serial: TP-1753

- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.11 (7439)

**Ch4233/Area Scan (71x71x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

Maximum value of SAR (interpolated) =  $1.77$  W/kg

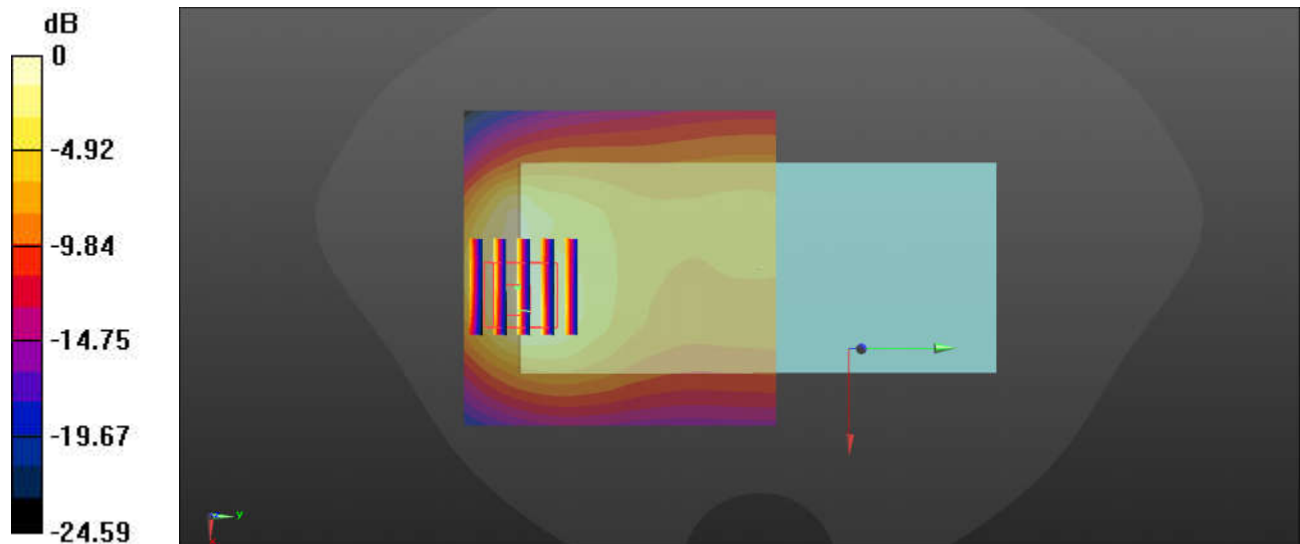
**Ch4233/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value =  $21.74$  V/m; Power Drift =  $0.02$  dB

Peak SAR (extrapolated) =  $2.70$  W/kg

**SAR(1 g) =  $1.19$  W/kg; SAR(10 g) =  $0.640$  W/kg**

Maximum value of SAR (measured) =  $1.55$  W/kg



0 dB =  $1.77$  W/kg =  $2.48$  dBW/kg

**37\_LTE Band 2\_20M\_QPSK\_50RB\_0Offset\_Back\_5mm\_Ch18700**

Communication System: UID 0, LTE-FDD (0); Frequency: 1860 MHz; Duty Cycle: 1:1  
Medium: HSL\_1900 Medium parameters used:  $f = 1860$  MHz;  $\sigma = 1.363$  S/m;  $\epsilon_r = 39.271$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.8 °C

**DASY5 Configuration:**

- Probe: ES3DV3 - SN3293; ConvF(5.32, 5.32, 5.32); Calibrated: 2019.11.25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2019.11.20
- Phantom: SAM2; Type: SAM; Serial: TP-1754
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

**Ch18700/Area Scan (81x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.26 W/kg

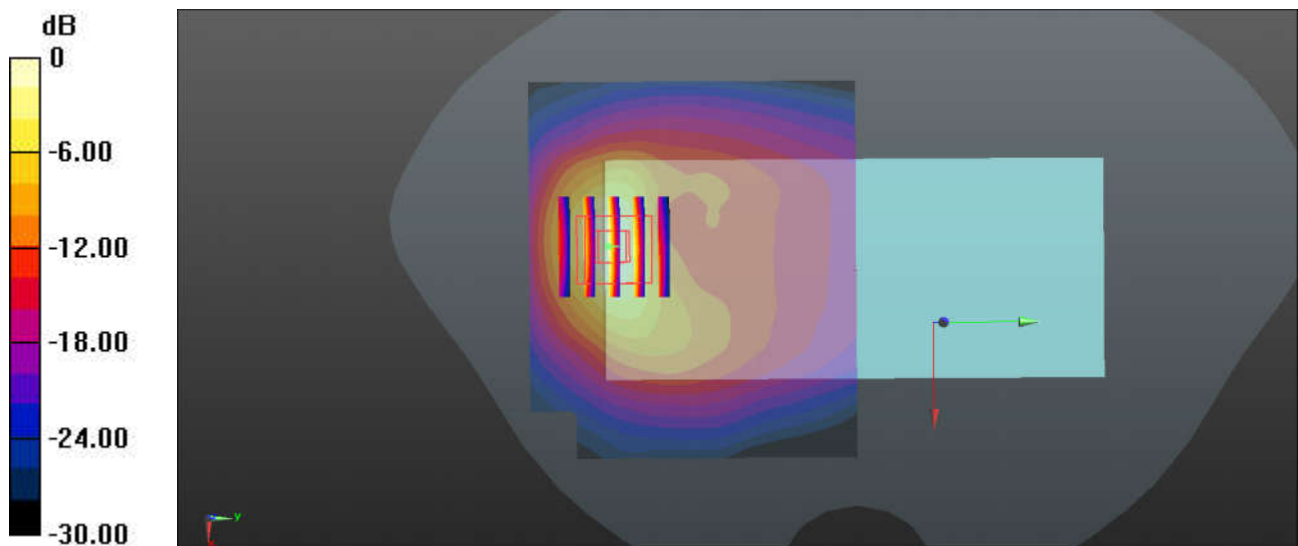
**Ch18700/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.236 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.75 W/kg

**SAR(1 g) = 0.945 W/kg; SAR(10 g) = 0.461 W/kg**

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



0 dB = 1.26 W/kg = 1.00 dBW/kg

**38\_LTE Band 26\_15M\_QPSK\_1RB\_0Offset\_Back\_5mm\_Ch26865**

Communication System: UID 0, LTE-FDD (0); Frequency: 831.5 MHz; Duty Cycle: 1:1  
Medium: HSL\_835 Medium parameters used:  $f = 831.5$  MHz;  $\sigma = 0.901$  S/m;  $\epsilon_r = 41.356$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.7 °C

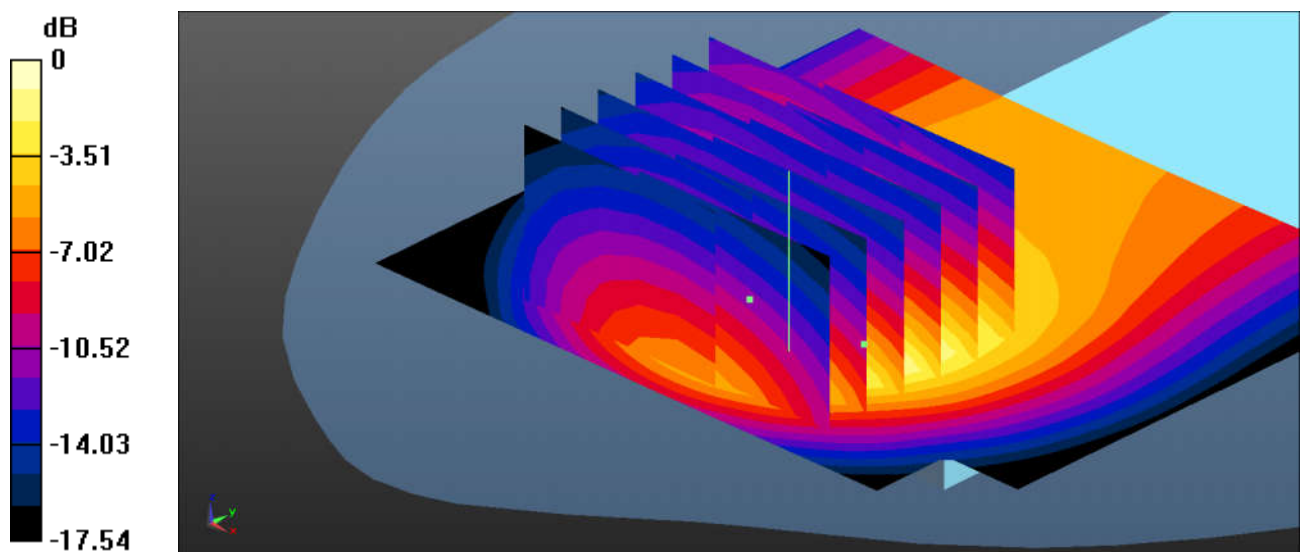
**DASY5 Configuration:**

- Probe: ES3DV3 - SN3293; ConvF(6.39, 6.39, 6.39); Calibrated: 2019.11.25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2019.11.20
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

**Ch26865/Area Scan (81x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 1.22 W/kg

**Ch26865/Zoom Scan (6x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 19.04 V/m; Power Drift = -0.02 dB  
Peak SAR (extrapolated) = 2.00 W/kg  
**SAR(1 g) = 0.895 W/kg; SAR(10 g) = 0.499 W/kg**  
Maximum value of SAR (measured) = 1.19 W/kg

**Ch26865/Zoom Scan (6x6x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 19.04 V/m; Power Drift = -0.02 dB  
Peak SAR (extrapolated) = 1.92 W/kg  
**SAR(1 g) = 0.852 W/kg; SAR(10 g) = 0.481 W/kg**  
Maximum value of SAR (measured) = 1.14 W/kg



0 dB = 1.14 W/kg = 0.57 dBW/kg

**39\_LTE Band 12\_10M\_QPSK\_1RB\_0Offset\_Back\_5mm\_Ch23095**

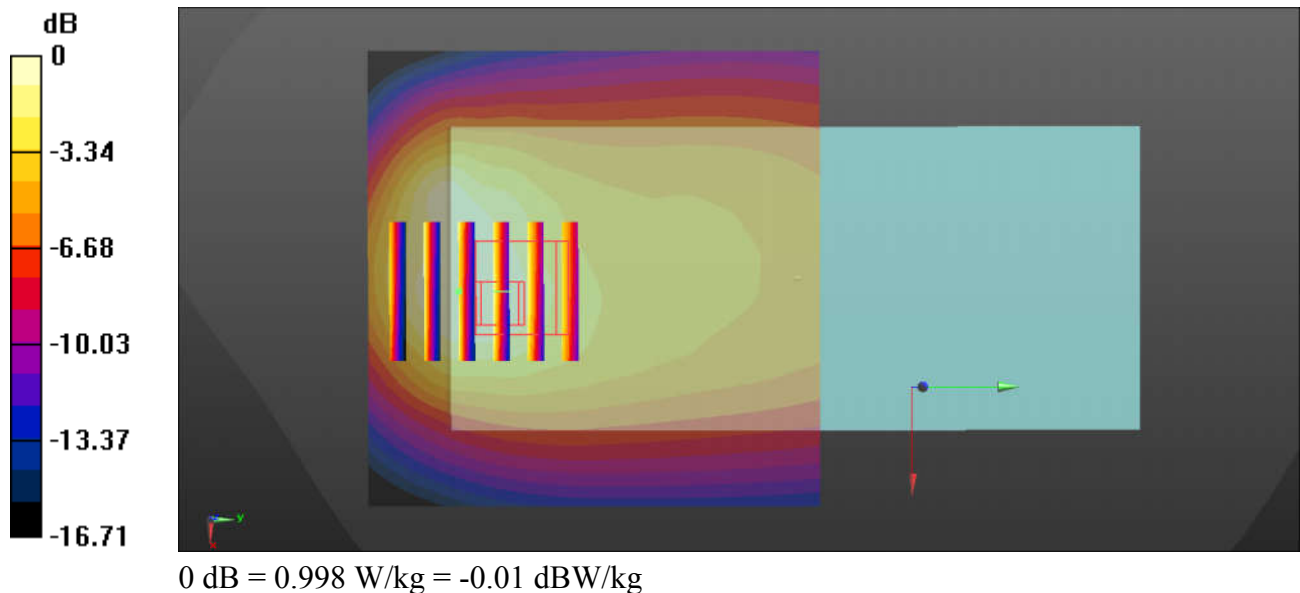
Communication System: UID 0, LTE-FDD (0); Frequency: 707.5 MHz; Duty Cycle: 1:1  
Medium: HSL\_750 Medium parameters used:  $f = 707.5$  MHz;  $\sigma = 0.859$  S/m;  $\epsilon_r = 42.997$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.7 °C

**DASY5 Configuration:**

- Probe: ES3DV3 - SN3293; ConvF(6.56, 6.56, 6.56); Calibrated: 2019.11.25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2019.11.20
- Phantom: SAM2; Type: SAM; Serial: TP-1754
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

**Ch23095/Area Scan (71x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 1.11 W/kg

**Ch23095/Zoom Scan (5x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 20.37 V/m; Power Drift = -0.02 dB  
Peak SAR (extrapolated) = 1.68 W/kg  
**SAR(1 g) = 0.775 W/kg; SAR(10 g) = 0.444 W/kg**  
Maximum value of SAR (measured) = 0.998 W/kg



**40\_LTE Band 66\_20M\_QPSK\_100RB\_0Offset\_Back\_5mm\_Ch132322**

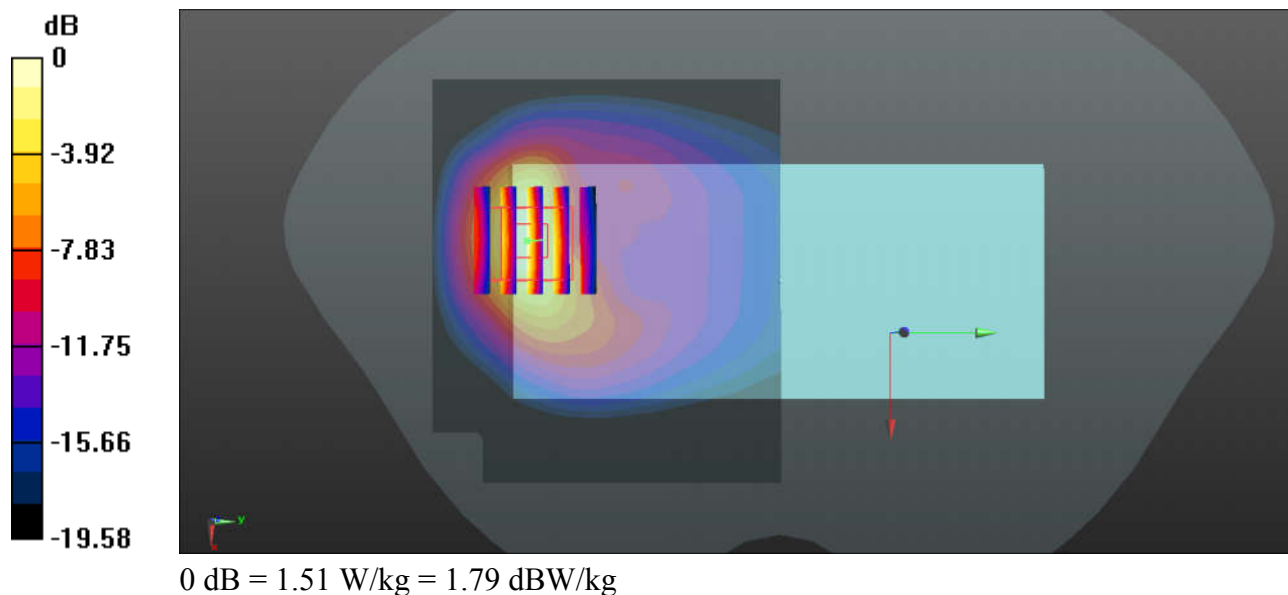
Communication System: UID 0, LTE-FDD (0); Frequency: 1745 MHz; Duty Cycle: 1:1  
Medium: HSL\_1750 Medium parameters used:  $f = 1745$  MHz;  $\sigma = 1.357$  S/m;  $\epsilon_r = 39.052$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.6 °C

**DASY5 Configuration:**

- Probe: ES3DV3 - SN3293; ConvF(5.53, 5.53, 5.53); Calibrated: 2019.11.25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2019.11.20
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

**Ch132322/Area Scan (81x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 1.55 W/kg

**Ch132322/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 5.463 V/m; Power Drift = 0.09 dB  
Peak SAR (extrapolated) = 2.16 W/kg  
**SAR(1 g) = 1.18 W/kg; SAR(10 g) = 0.582 W/kg**  
Maximum value of SAR (measured) = 1.51 W/kg



**41\_LTE Band 7\_20M\_QPSK\_50RB\_0Offset\_Back\_5mm\_Headset\_Ch21350**

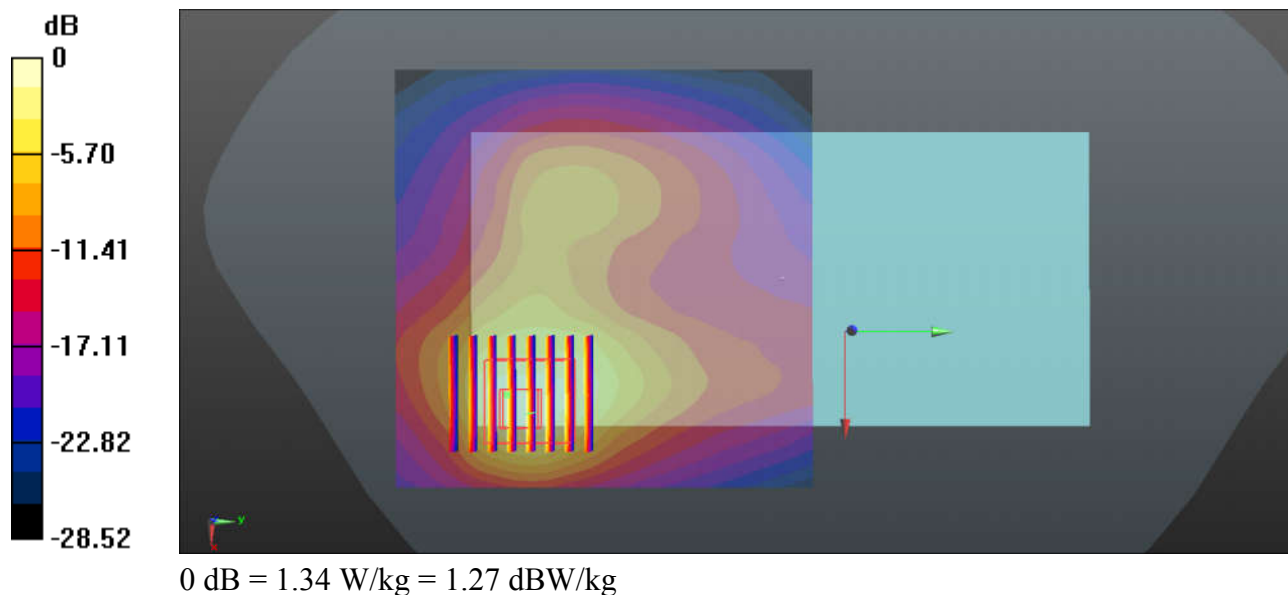
Communication System: UID 0, LTE-FDD (0); Frequency: 2560 MHz; Duty Cycle: 1:1  
Medium: HSL\_2600 Medium parameters used:  $f = 2560$  MHz;  $\sigma = 1.89$  S/m;  $\epsilon_r = 40.278$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.8 °C

**DASY5 Configuration:**

- Probe: ES3DV3 - SN3293; ConvF(4.39, 4.39, 4.39); Calibrated: 2019.11.25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2019.11.20
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

**Ch21350/Area Scan (91x91x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 1.13 W/kg

**Ch21350/Zoom Scan (7x8x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 4.443 V/m; Power Drift = 0.06 dB  
Peak SAR (extrapolated) = 2.43 W/kg  
**SAR(1 g) = 0.972 W/kg; SAR(10 g) = 0.406 W/kg**  
Maximum value of SAR (measured) = 1.34 W/kg



**42\_LTE Band 41\_20M\_QPSK\_1RB\_0Offset\_Back\_5mm\_Ch41140**

Communication System: UID 0, LTE-TDD (0); Frequency: 2645 MHz; Duty Cycle: 1:1.59  
Medium: HSL\_2600 Medium parameters used :  $f = 2645$  MHz;  $\sigma = 2.086$  S/m;  $\epsilon_r = 37.747$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.3 °C; Liquid Temperature : 22.8 °C

**DASY5 Configuration:**

- Probe: ES3DV3 - SN3293; ConvF(4.39, 4.39, 4.39); Calibrated: 2019.11.25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2019.11.20
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

**Ch41140/Area Scan (91x91x1):** Interpolated grid:  $dx=1.200$  mm,  $dy=1.200$  mm

Maximum value of SAR (interpolated) = 1.25 W/kg

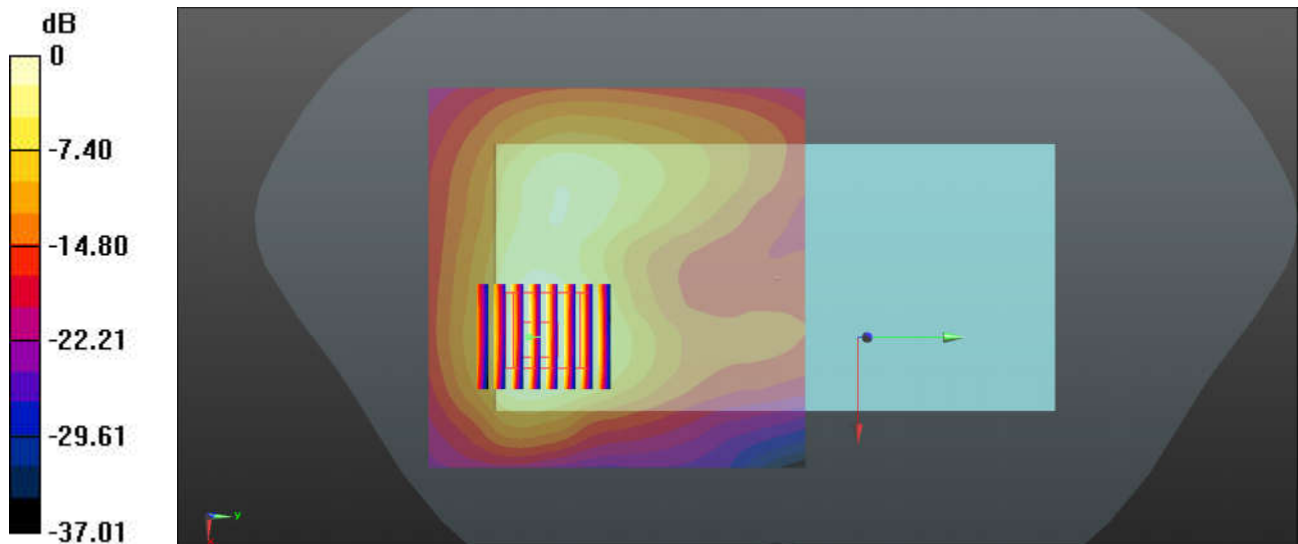
**Ch41140/Zoom Scan (7x8x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 3.995 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 2.01 W/kg

**SAR(1 g) = 0.896 W/kg; SAR(10 g) = 0.447 W/kg**

Maximum value of SAR (measured) = 1.16 W/kg



0 dB = 1.25 W/kg = 0.97 dBW/kg

**43\_WLAN2.4GHz\_802.11b 1Mbps\_Front\_5mm\_Ch11**

Communication System: UID 0, 802.11b (0); Frequency: 2462 MHz; Duty Cycle: 1:1  
Medium: HSL\_2450 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.868$  S/m;  $\epsilon_r = 38.411$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.7 °C

**DASY5 Configuration:**

- Probe: ES3DV3 - SN3293; ConvF(4.6, 4.6, 4.6); Calibrated: 2019.11.25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2019.11.20
- Phantom: SAM2; Type: SAM; Serial: TP-1754
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

**Ch11/Area Scan (91x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.18 W/kg

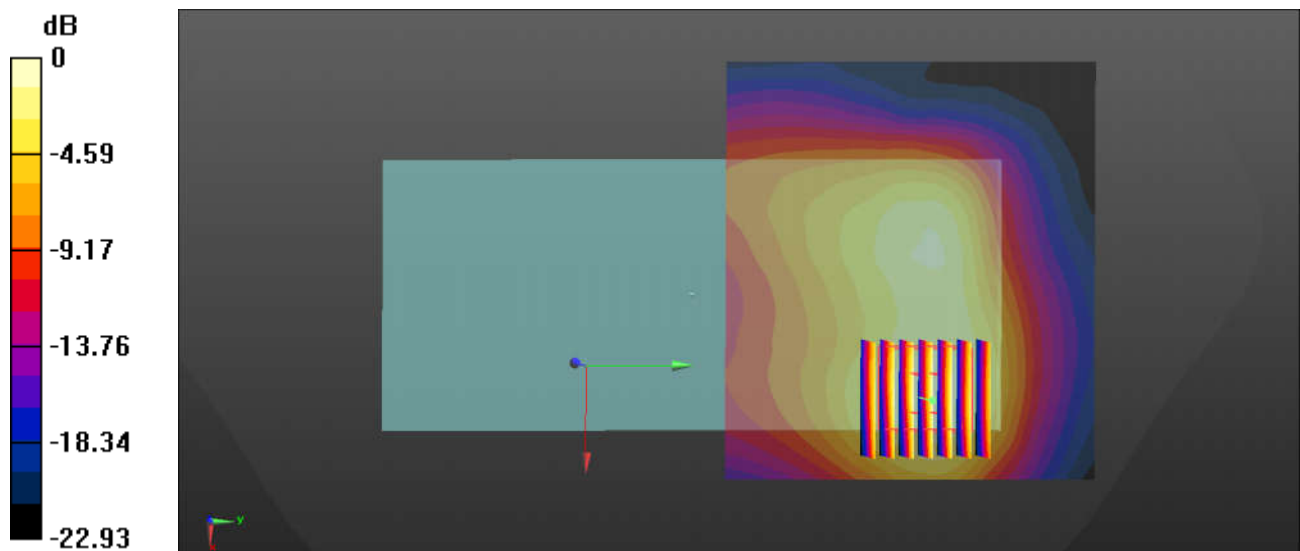
**Ch11/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.821 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.72 W/kg

**SAR(1 g) = 0.904 W/kg; SAR(10 g) = 0.449 W/kg**

Maximum value of SAR (measured) = 1.12 W/kg



0 dB = 1.12 W/kg = 0.49 dBW/kg

**44\_WLAN 5GHz\_802.11n-HT40 MCS0\_Back\_5mm\_Ch38**

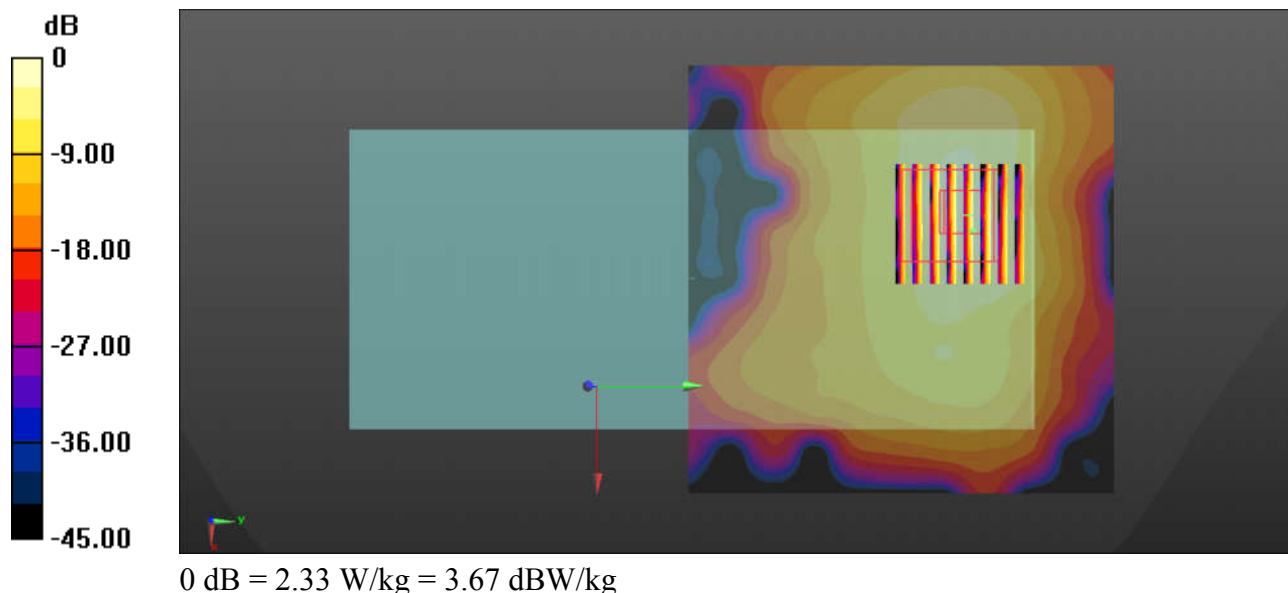
Communication System: UID 0, 802.11n (0); Frequency: 5190 MHz; Duty Cycle: 1:1.038  
Medium: HSL\_5000 Medium parameters used:  $f = 5190$  MHz;  $\sigma = 4.525$  S/m;  $\epsilon_r = 36.505$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.9 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3857; ConvF(5.19, 5.19, 5.19); Calibrated: 2019.5.27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2019.7.23
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

**Ch38/Area Scan (101x101x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 2.00 W/kg

**Ch38/Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm  
Reference Value = 1.081 V/m; Power Drift = -0.09 dB  
Peak SAR (extrapolated) = 3.45 W/kg  
**SAR(1 g) = 1.06 W/kg; SAR(10 g) = 0.367 W/kg**  
Maximum value of SAR (measured) = 2.33 W/kg



**45\_WLAN 5GHz\_802.11n-HT40 MCS0\_Back\_5mm\_Ch62**

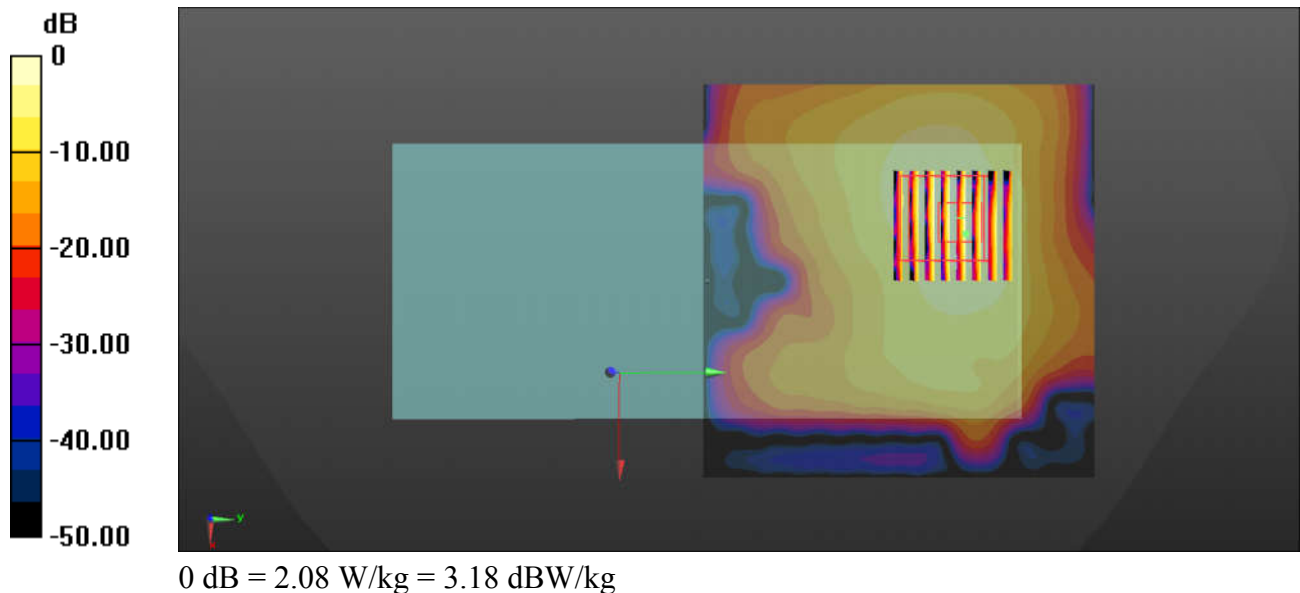
Communication System: UID 0, 802.11n (0); Frequency: 5310 MHz; Duty Cycle: 1:1.038  
Medium: HSL\_5000 Medium parameters used:  $f = 5310$  MHz;  $\sigma = 4.667$  S/m;  $\epsilon_r = 36.289$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.9 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3857; ConvF(5.19, 5.19, 5.19); Calibrated: 2019.5.27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2019.7.23
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

**Ch62/Area Scan (101x101x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 1.77 W/kg

**Ch62/Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm  
Reference Value = 0 V/m; Power Drift = 0.01 dB  
Peak SAR (extrapolated) = 3.15 W/kg  
**SAR(1 g) = 0.929 W/kg; SAR(10 g) = 0.306 W/kg**  
Maximum value of SAR (measured) = 2.08 W/kg



**46\_WLAN 5GHz\_802.11n-HT40 MCS0\_Back\_5mm\_Ch134**

Communication System: UID 0, 802.11n (0); Frequency: 5670 MHz; Duty Cycle: 1:1.038  
Medium: HSL\_5000 Medium parameters used:  $f = 5670$  MHz;  $\sigma = 5.081$  S/m;  $\epsilon_r = 35.707$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.9 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3857; ConvF(4.92, 4.92, 4.92); Calibrated: 2019.5.27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2019.7.23
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

**Ch134/Area Scan (101x91x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 2.09 W/kg

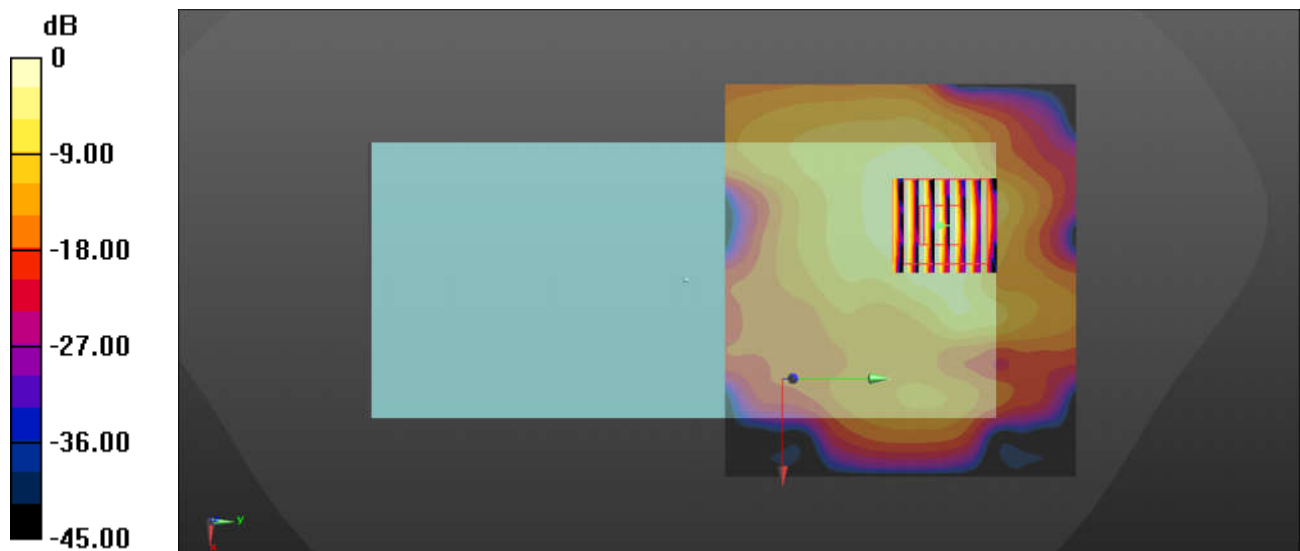
**Ch134/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 1.220 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 3.60 W/kg

**SAR(1 g) = 0.979 W/kg; SAR(10 g) = 0.318 W/kg**

Maximum value of SAR (measured) = 2.31 W/kg



0 dB = 2.31 W/kg = 3.64 dBW/kg

**47\_WLAN 5GHz\_802.11a 6Mbps\_Back\_5mm\_Ch165**

Communication System: UID 0, 802.11a (0); Frequency: 5825 MHz; Duty Cycle: 1:1.018  
Medium: HSL\_5000 Medium parameters used:  $f = 5825$  MHz;  $\sigma = 5.25$  S/m;  $\epsilon_r = 35.438$ ;

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

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(5.17, 5.17, 5.17); Calibrated: 2019.5.27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2019.7.23
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

**Ch165/Area Scan (101x101x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 2.65 W/kg

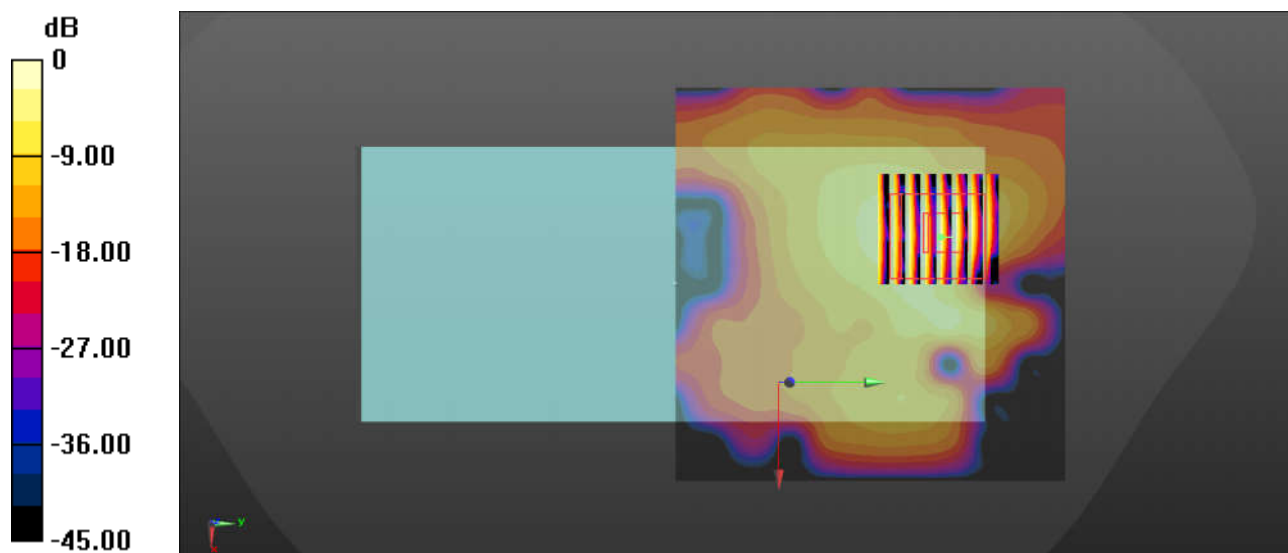
**Ch165/Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 0.4610 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 4.40 W/kg

**SAR(1 g) = 1.07 W/kg; SAR(10 g) = 0.332 W/kg**

Maximum value of SAR (measured) = 2.68 W/kg



0 dB = 2.68 W/kg = 4.28 dBW/kg

**48\_Bluetooth\_1Mbps\_Back\_5mm\_Ch0**

Communication System: UID 0, Bluetooth (0); Frequency: 2402 MHz; Duty Cycle: 1:1.292  
Medium: HSL\_2450 Medium parameters used:  $f = 2402$  MHz;  $\sigma = 1.796$  S/m;  $\epsilon_r = 38.636$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.7 °C

**DASY5 Configuration:**

- Probe: ES3DV3 - SN3293; ConvF(4.6, 4.6, 4.6); Calibrated: 2019.11.25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2019.11.20
- Phantom: SAM2; Type: SAM; Serial: TP-1754
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

**Ch0/Area Scan (81x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0483 W/kg

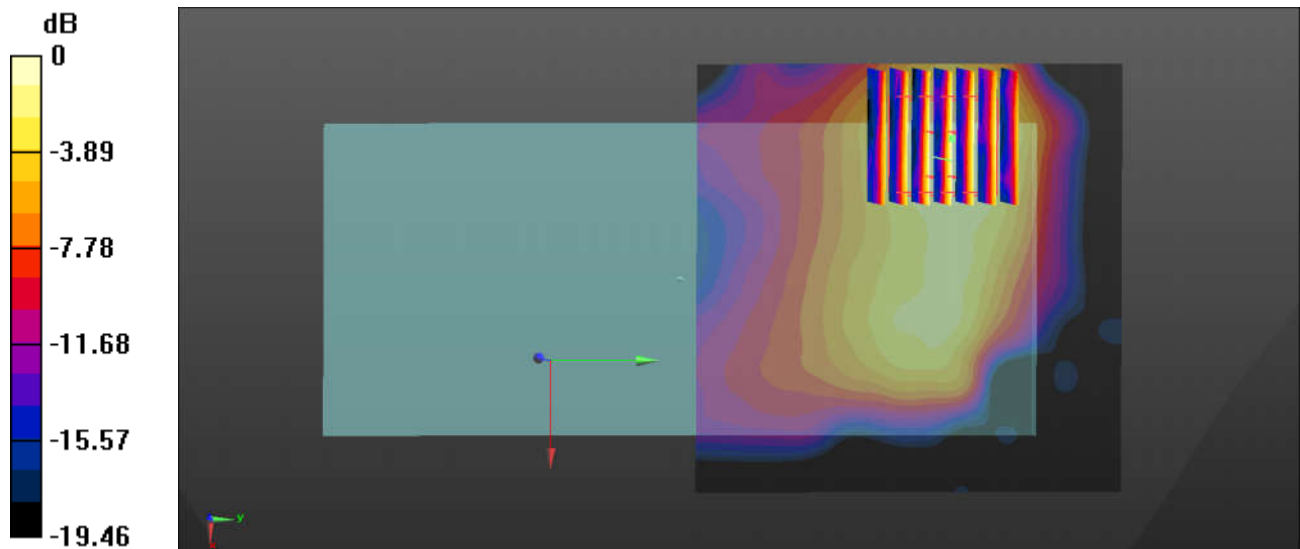
**Ch0/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.4920 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.0710 W/kg

**SAR(1 g) = 0.036 W/kg; SAR(10 g) = 0.016 W/kg**

Maximum value of SAR (measured) = 0.0433 W/kg



0 dB = 0.0433 W/kg = -13.64 dBW/kg

**49\_GSM850\_GPRS 3 Tx slots\_Back\_0mm\_Ch128**

Communication System: UID 0, GSM850-3UP (0); Frequency: 824.2 MHz; Duty Cycle: 1:2.77

Medium: HSL\_835 Medium parameters used:  $f = 824.2$  MHz;  $\sigma = 0.894$  S/m;  $\epsilon_r = 41.454$ ;

$\rho = 1000 \text{ kg/m}^3$

Ambient Temperature :  $23.3^\circ\text{C}$ ; Liquid Temperature :  $22.7^\circ\text{C}$

DASY5 Configuration:

- Probe: ES3DV3 - SN3293; ConvF(6.39, 6.39, 6.39); Calibrated: 2019.11.25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2019.11.20
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

**Ch128/Area Scan (71x71x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

Maximum value of SAR (interpolated) =  $2.01$  W/kg

**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value =  $11.28$  V/m; Power Drift =  $0.17$  dB

Peak SAR (extrapolated) =  $3.13$  W/kg

**SAR(1 g) =  $1.22$  W/kg; SAR(10 g) =  $0.608$  W/kg**

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

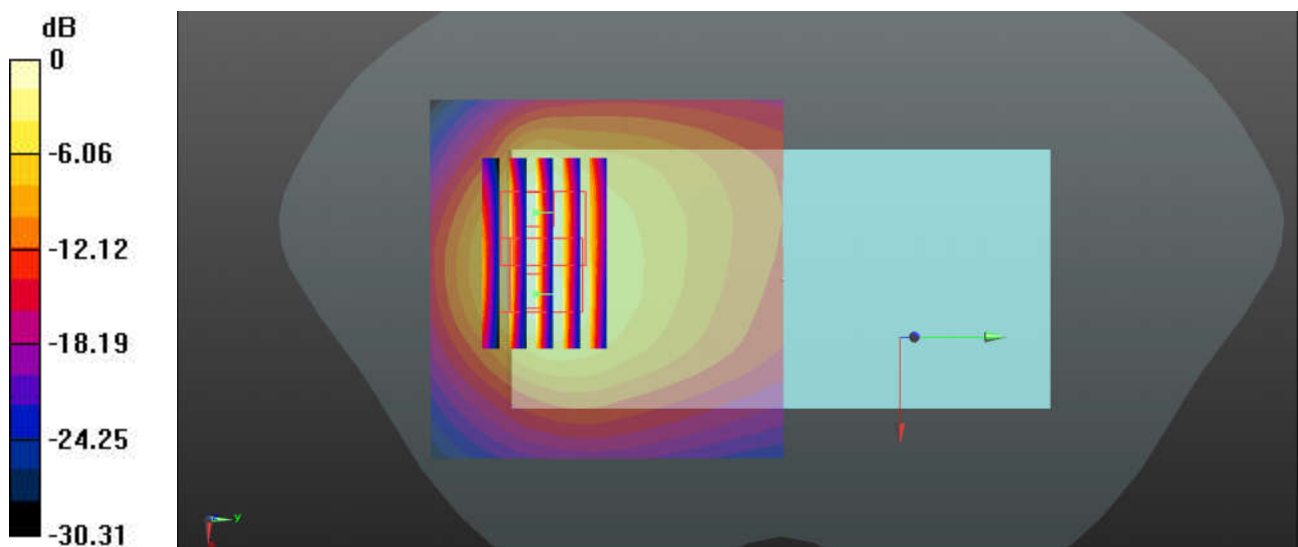
**Ch128/Zoom Scan (5x5x7)/Cube 1:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value =  $11.28$  V/m; Power Drift =  $0.17$  dB

Peak SAR (extrapolated) =  $3.01$  W/kg

**SAR(1 g) =  $1.16$  W/kg; SAR(10 g) =  $0.598$  W/kg**

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



0 dB =  $2.01$  W/kg =  $3.03$  dBW/kg

**50\_GSM1900\_GPRS 3 Tx slots\_Back\_0mm\_Ch661**

Communication System: UID 0, PCS-3UP (0); Frequency: 1880 MHz; Duty Cycle: 1:2.77  
Medium: HSL\_1900 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.381$  S/m;  $\epsilon_r = 39.195$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.8 °C

**DASY5 Configuration:**

- Probe: ES3DV3 - SN3293; ConvF(5.32, 5.32, 5.32); Calibrated: 2019.11.25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2019.11.20
- Phantom: SAM2; Type: SAM; Serial: TP-1754
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

**Ch661/Area Scan (81x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 4.35 W/kg

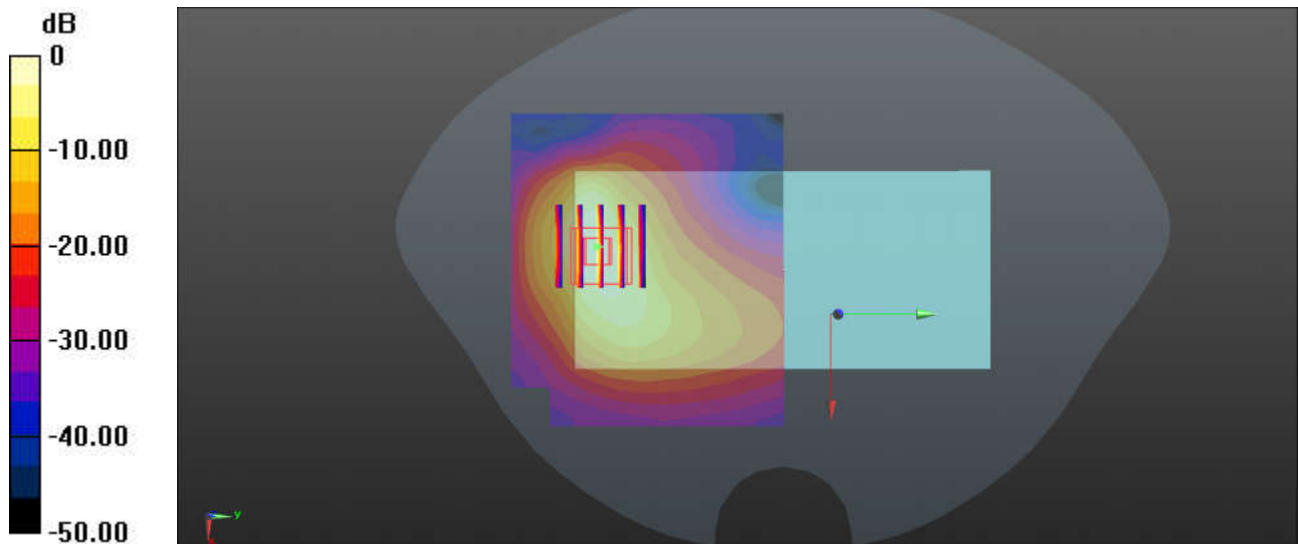
**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.422 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 13.9 W/kg

**SAR(1 g) = 5.65 W/kg; SAR(10 g) = 2.7 W/kg**

Maximum value of SAR (measured) = 7.30 W/kg



0 dB = 4.35 W/kg = 6.38 dBW/kg

**51\_WCDMA II\_RMC 12.2Kbps\_Bottom Side\_0mm\_Ch9262**

Communication System: UID 0, WCDMA (0); Frequency: 1852.4 MHz; Duty Cycle: 1:1  
Medium: HSL\_1900 Medium parameters used:  $f = 1852.4$  MHz;  $\sigma = 1.355$  S/m;  $\epsilon_r = 39.292$ ;

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

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3293; ConvF(5.32, 5.32, 5.32); Calibrated: 2019.11.25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2019.11.20
- Phantom: SAM2; Type: SAM; Serial: TP-1754
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

**Ch9262/Area Scan (41x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 10.5 W/kg

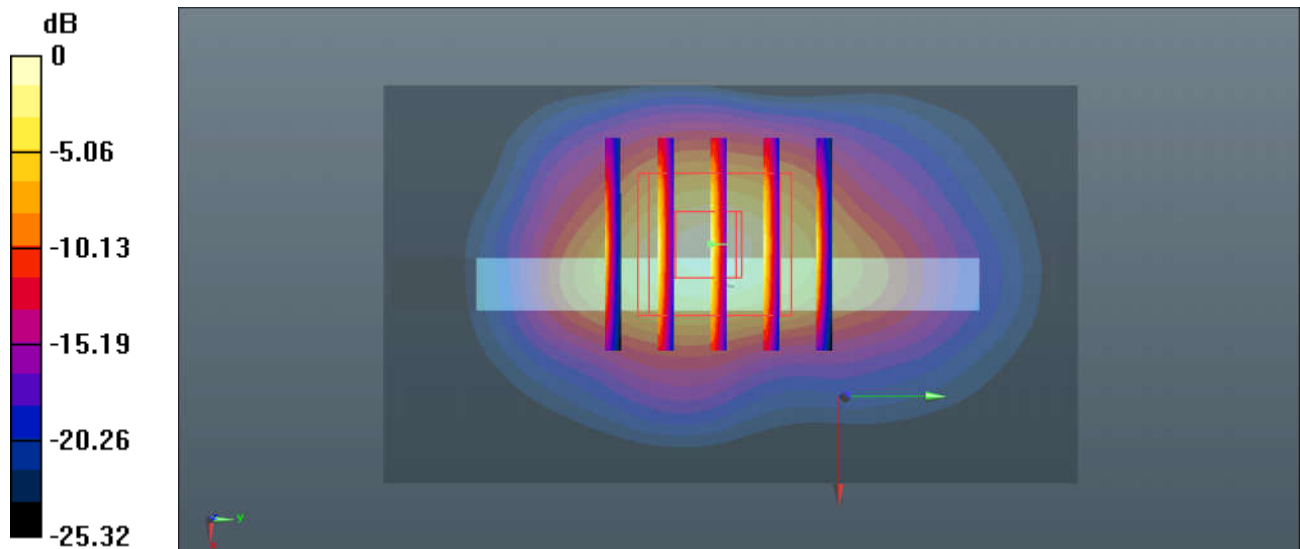
**Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 71.62 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 18.7 W/kg

**SAR(1 g) = 8 W/kg; SAR(10 g) = 3.23 W/kg**

Maximum value of SAR (measured) = 12.0 W/kg



0 dB = 12.0 W/kg = 10.79 dBW/kg

**52\_WCDMA IV\_RMC 12.2Kbps\_Bottom Side\_0mm\_Ch1312**

Communication System: UID 0, WCDMA (0); Frequency: 1712.4 MHz; Duty Cycle: 1:1  
Medium: HSL\_1750 Medium parameters used :  $f = 1712.4$  MHz;  $\sigma = 1.322$  S/m;  $\epsilon_r = 39.209$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.3 °C; Liquid Temperature : 22.6 °C

**DASY5 Configuration:**

- Probe: ES3DV3 - SN3293; ConvF(5.53, 5.53, 5.53); Calibrated: 2019.11.25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2019.11.20
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

**Ch1312/Area Scan (41x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 9.52 W/kg

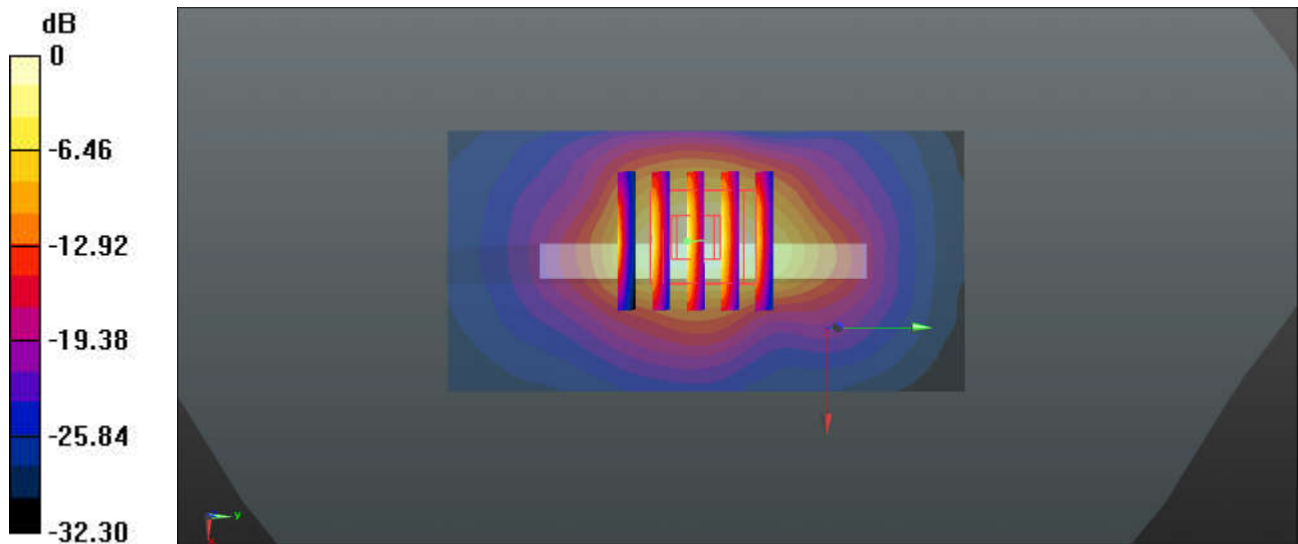
**Ch1312/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 74.60 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 17.8 W/kg

**SAR(1 g) = 7.53 W/kg; SAR(10 g) = 3.09 W/kg**

Maximum value of SAR (measured) = 11.4 W/kg



0 dB = 9.52 W/kg = 9.79 dBW/kg

**53\_WCDMA V\_RMC 12.2Kbps\_Back\_0mm\_Ch4182**

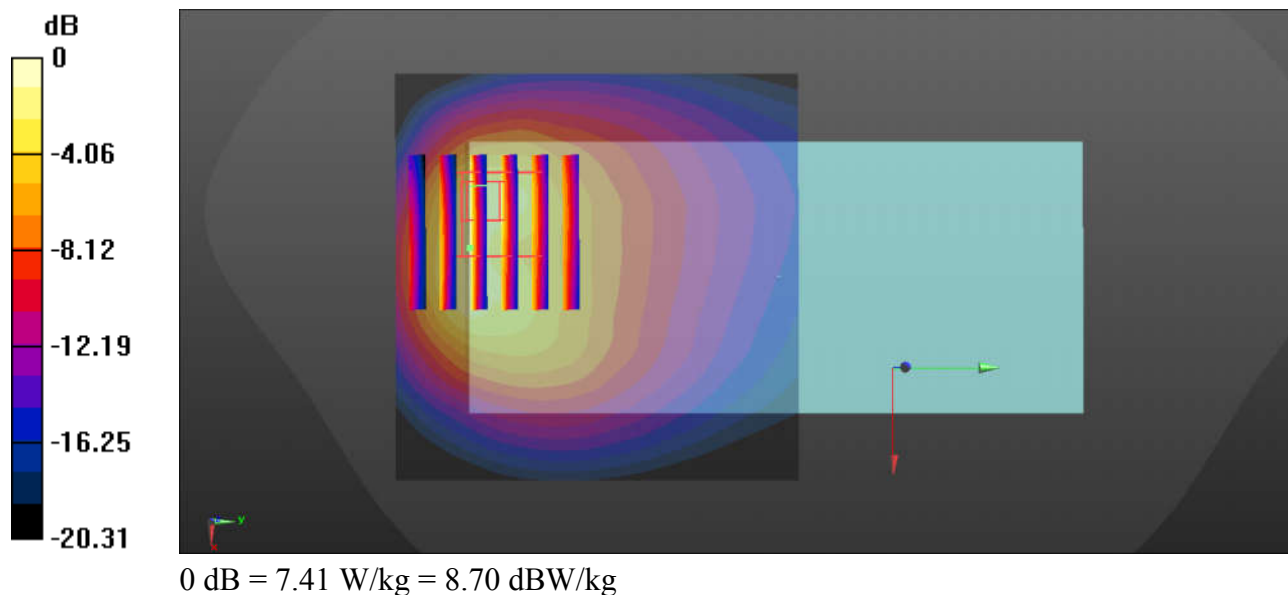
Communication System: UID 0, WCDMA (0); Frequency: 836.4 MHz; Duty Cycle: 1:1  
Medium: HSL\_835 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.906$  S/m;  $\epsilon_r = 41.299$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.7 °C

**DASY5 Configuration:**

- Probe: ES3DV3 - SN3293; ConvF(6.39, 6.39, 6.39); Calibrated: 2019.11.25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2019.11.20
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

**Ch4182/Area Scan (71x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 5.46 W/kg

**Ch4182/Zoom Scan (6x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 16.63 V/m; Power Drift = 0.03 dB  
Peak SAR (extrapolated) = 20.6 W/kg  
**SAR(1 g) = 5.56 W/kg; SAR(10 g) = 2.38 W/kg**  
Maximum value of SAR (measured) = 7.41 W/kg



**54\_LTE Band 2\_20M\_QPSK\_50RB\_0Offset\_Bottom Side\_0mm\_Ch18700**

Communication System: UID 0, LTE-FDD (0); Frequency: 1860 MHz; Duty Cycle: 1:1  
Medium: HSL\_1900 Medium parameters used:  $f = 1860$  MHz;  $\sigma = 1.363$  S/m;  $\epsilon_r = 39.271$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.8 °C

**DASY5 Configuration:**

- Probe: ES3DV3 - SN3293; ConvF(5.32, 5.32, 5.32); Calibrated: 2019.11.25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2019.11.20
- Phantom: SAM2; Type: SAM; Serial: TP-1754
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

**Ch18700/Area Scan (41x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 7.75 W/kg

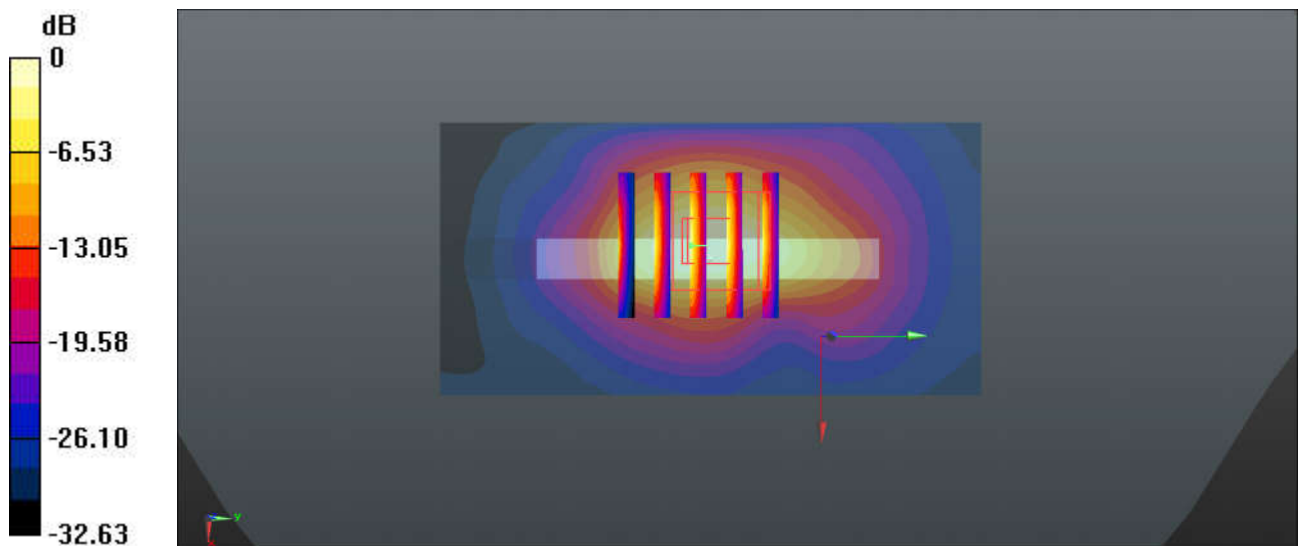
**Ch18700/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 71.73 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 13.1 W/kg

**SAR(1 g) = 5.73 W/kg; SAR(10 g) = 2.31 W/kg**

Maximum value of SAR (measured) = 8.32 W/kg



0 dB = 7.75 W/kg = 8.89 dBW/kg

**55\_LTE Band 66\_20M\_QPSK\_1RB\_0Offset\_Bottom Side\_0mm\_Ch132572**

Communication System: UID 0, LTE-FDD (0); Frequency: 1770 MHz; Duty Cycle: 1:1  
Medium: HSL\_1750 Medium parameters used:  $f = 1770$  MHz;  $\sigma = 1.382$  S/m;  $\epsilon_r = 38.962$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.3 °C; Liquid Temperature : 22.6 °C

**DASY5 Configuration:**

- Probe: ES3DV3 - SN3293; ConvF(5.53, 5.53, 5.53); Calibrated: 2019.11.25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2019.11.20
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

**Ch132572/Area Scan (41x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 8.35 W/kg

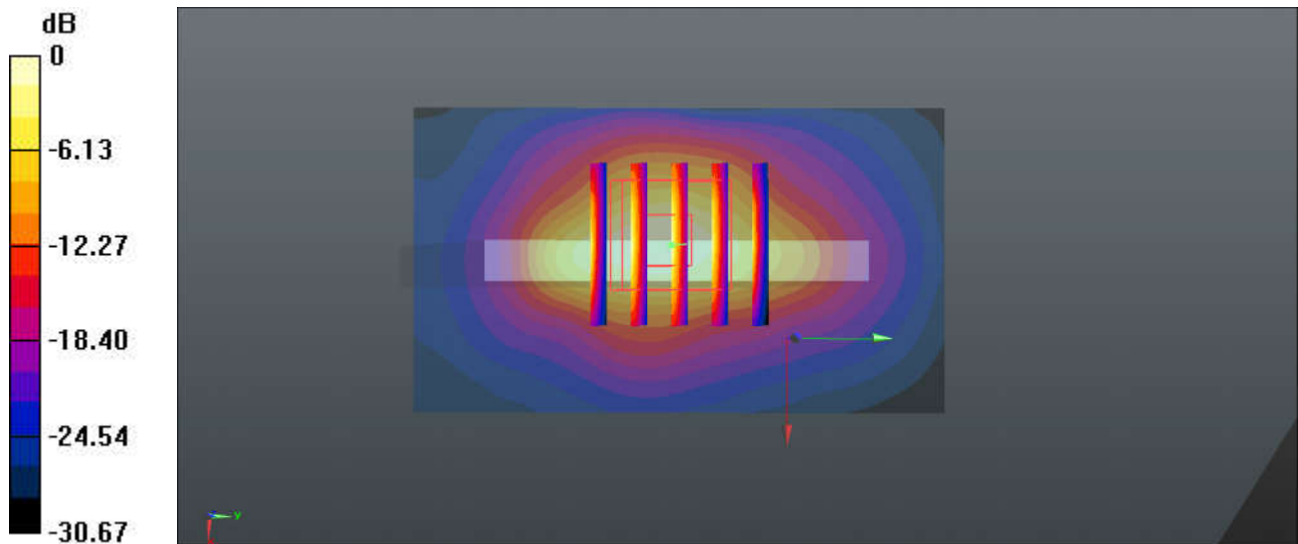
**Ch132572/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 69.08 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 13.4 W/kg

**SAR(1 g) = 5.81 W/kg; SAR(10 g) = 2.37 W/kg**

Maximum value of SAR (measured) = 8.49 W/kg



0 dB = 8.35 W/kg = 9.22 dBW/kg

**56\_LTE Band 7\_20M\_QPSK\_1RB\_0Offset\_Back\_0mm\_Ch20850**

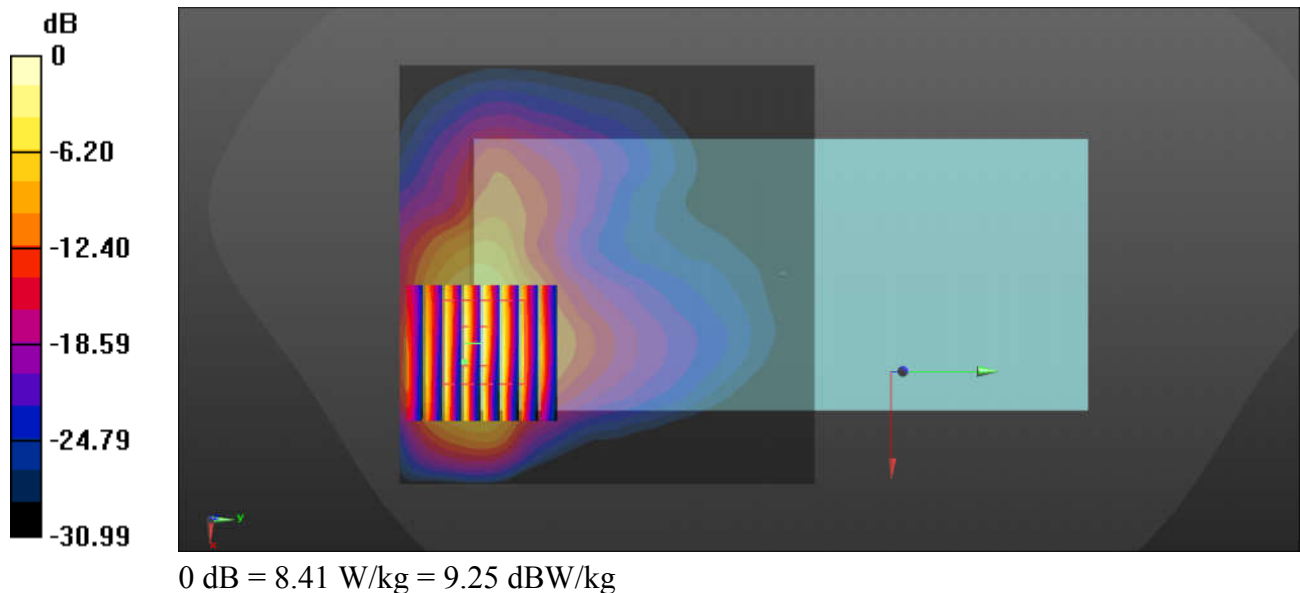
Communication System: UID 0, LTE-FDD (0); Frequency: 2510 MHz; Duty Cycle: 1:1  
Medium: HSL\_2600 Medium parameters used:  $f = 2510$  MHz;  $\sigma = 1.828$  S/m;  $\epsilon_r = 40.467$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.8 °C

**DASY5 Configuration:**

- Probe: ES3DV3 - SN3293; ConvF(4.39, 4.39, 4.39); Calibrated: 2019.11.25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2019.11.20
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

**Ch20850/Area Scan (91x91x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 8.92 W/kg

**Ch20850/Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 2.020 V/m; Power Drift = 0.01 dB  
Peak SAR (extrapolated) = 18.0 W/kg  
**SAR(1 g) = 5.8 W/kg; SAR(10 g) = 2.26 W/kg**  
Maximum value of SAR (measured) = 8.41 W/kg



**57\_LTE Band 41\_20M\_QPSK\_1RB\_0Offset\_Back\_0mm\_Ch40890**

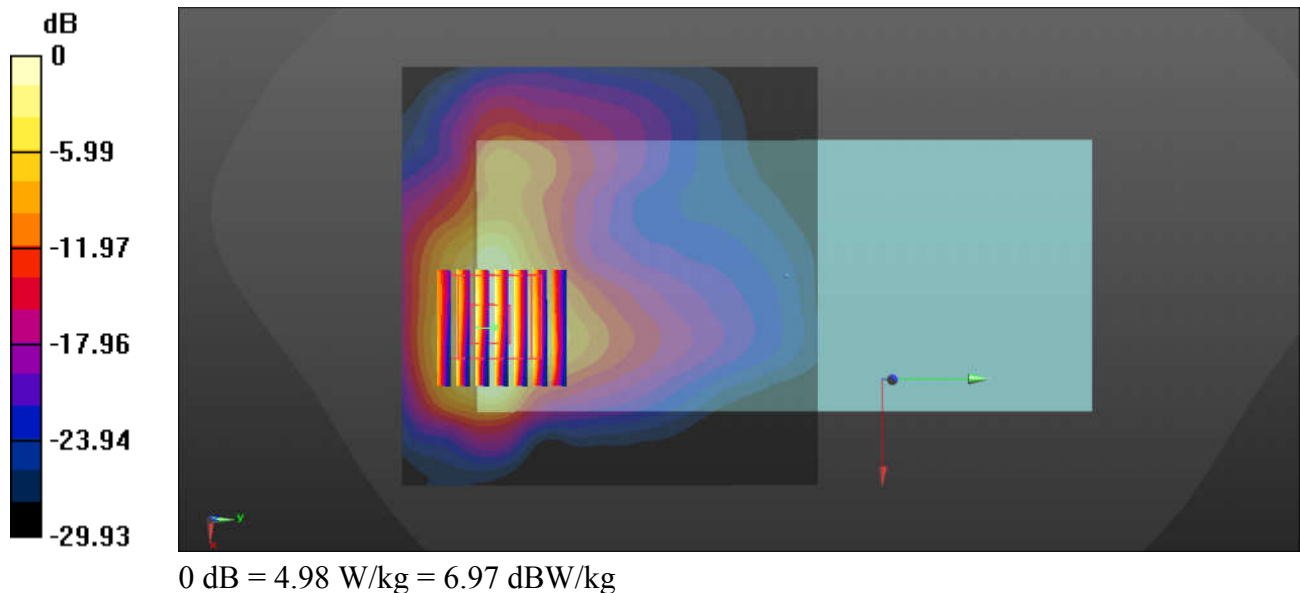
Communication System: UID 0, LTE-TDD (0); Frequency: 2620 MHz; Duty Cycle: 1:1.59  
Medium: HSL\_2600 Medium parameters used:  $f = 2620$  MHz;  $\sigma = 2.055$  S/m;  $\epsilon_r = 37.861$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.8 °C

**DASY5 Configuration:**

- Probe: ES3DV3 - SN3293; ConvF(4.39, 4.39, 4.39); Calibrated: 2019.11.25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2019.11.20
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

**Ch40890/Area Scan (91x91x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 5.31 W/kg

**Ch40890/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 2.795 V/m; Power Drift = 0.08 dB  
Peak SAR (extrapolated) = 10.3 W/kg  
**SAR(1 g) = 3.73 W/kg; SAR(10 g) = 1.52 W/kg**  
Maximum value of SAR (measured) = 4.98 W/kg



**58\_WLAN2.4GHz\_802.11b 1Mbps\_Front\_0mm\_Ch11**

Communication System: UID 0, 802.11b (0); Frequency: 2462 MHz; Duty Cycle: 1:1  
Medium: HSL\_2450 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.868$  S/m;  $\epsilon_r = 38.411$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.7 °C

**DASY5 Configuration:**

- Probe: ES3DV4 - SN3293; ConvF(4.6, 4.6, 4.6); Calibrated: 2019.11.25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2019.11.20
- Phantom: SAM2; Type: SAM; Serial: TP-1754
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

**Ch11/Area Scan (91x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 6.80 W/kg

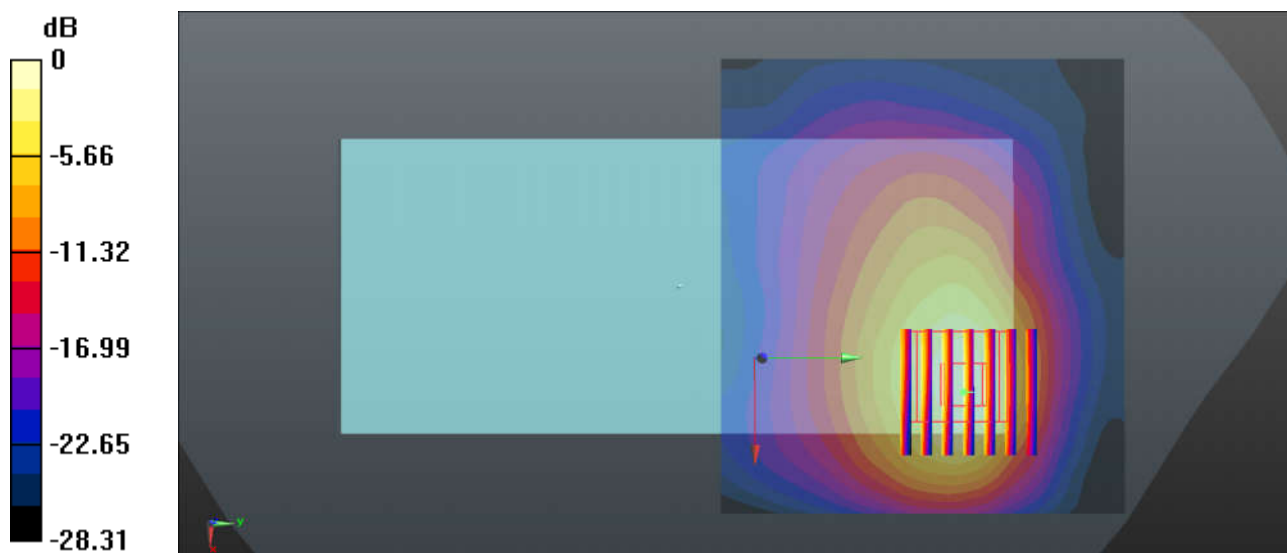
**Ch11/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.791 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 12.1 W/kg

**SAR(1 g) = 4.98 W/kg; SAR(10 g) = 2.15 W/kg**

Maximum value of SAR (measured) = 6.78 W/kg



0 dB = 6.78 W/kg = 8.31 dBW/kg

**59\_WLAN 5GHz\_802.11n-HT40 MCS0\_Back\_0mm\_Ch38**

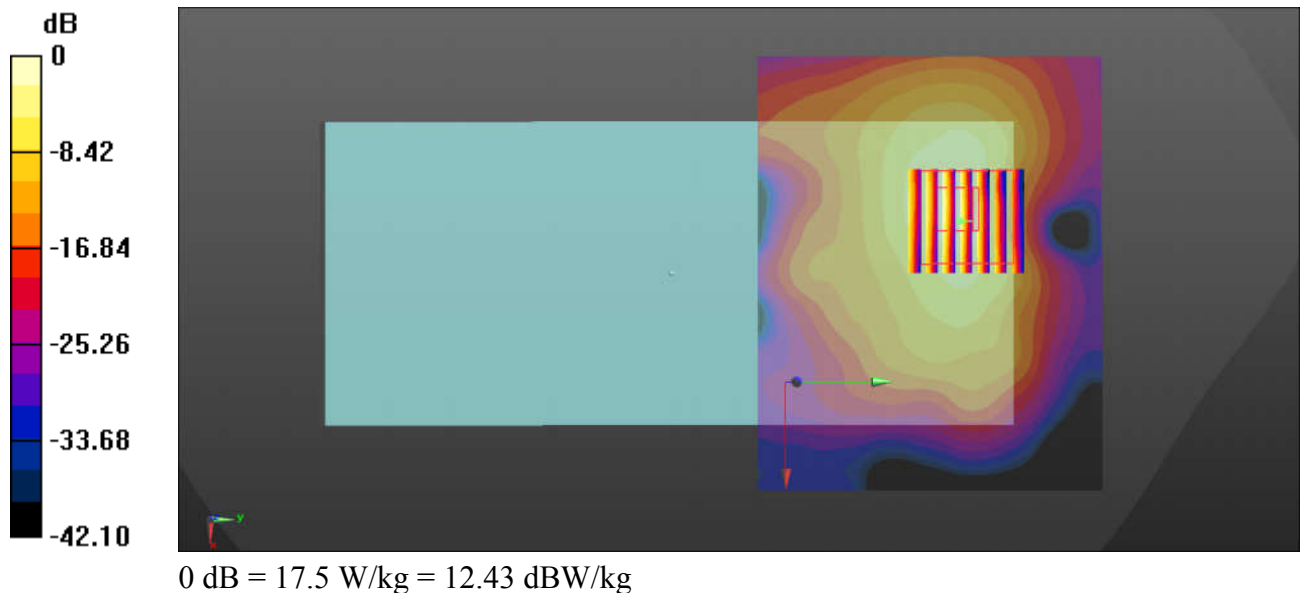
Communication System: UID 0, 802.11n (0); Frequency: 5190 MHz; Duty Cycle: 1:1.038  
Medium: HSL\_5000 Medium parameters used:  $f = 5190$  MHz;  $\sigma = 4.525$  S/m;  $\epsilon_r = 36.505$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.9 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3857; ConvF(5.19, 5.19, 5.19); Calibrated: 2019.5.27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2019.7.23
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

**Ch38/Area Scan (101x81x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 14.3 W/kg

**Ch38/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm  
Reference Value = 0 V/m; Power Drift = 0.05 dB  
Peak SAR (extrapolated) = 30.2 W/kg  
**SAR(1 g) = 7.56 W/kg; SAR(10 g) = 2.15 W/kg**  
Maximum value of SAR (measured) = 17.5 W/kg



**60\_WLAN 5GHz\_802.11n-HT40 MCS0\_Back\_0mm\_Ch54**

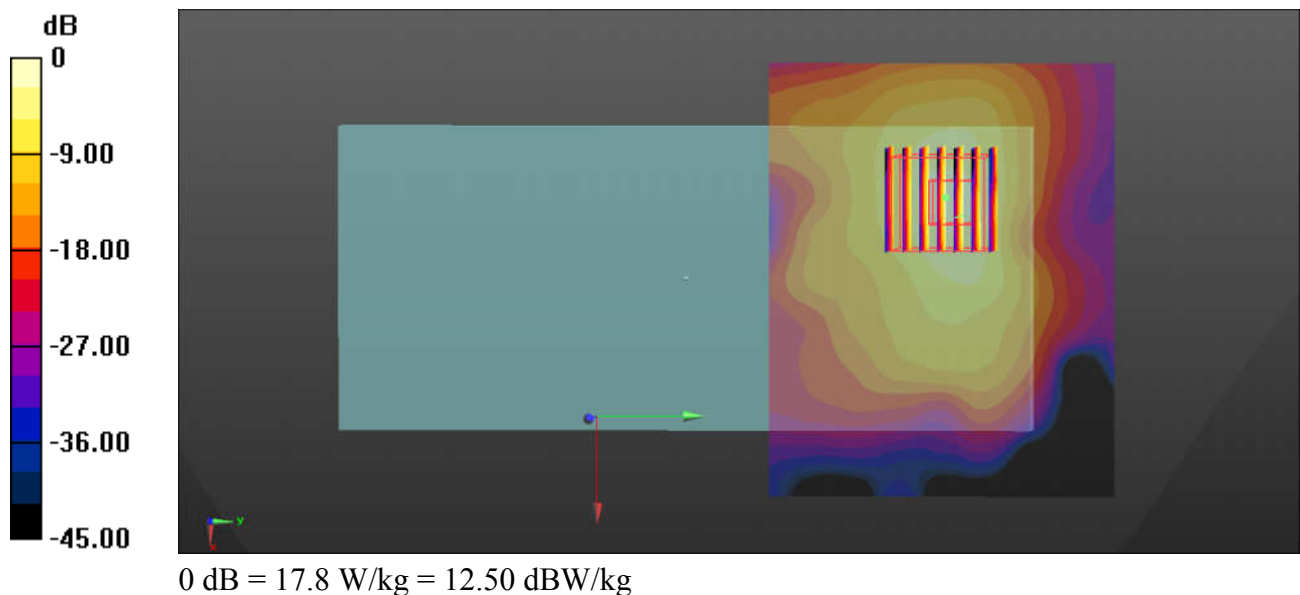
Communication System: UID 0, 802.11n (0); Frequency: 5270 MHz; Duty Cycle: 1:1.038  
Medium: HSL\_5000 Medium parameters used:  $f = 5270$  MHz;  $\sigma = 4.627$  S/m;  $\epsilon_r = 36.374$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.9 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3857; ConvF(5.19, 5.19, 5.19); Calibrated: 2019.5.27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2019.7.23
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

**Ch54/Area Scan (101x81x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 14.3 W/kg

**Ch54/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm  
Reference Value = 0 V/m; Power Drift = 0.06 dB  
Peak SAR (extrapolated) = 31.0 W/kg  
**SAR(1 g) = 7.18 W/kg; SAR(10 g) = 2.08 W/kg**  
Maximum value of SAR (measured) = 17.8 W/kg



**61\_WLAN 5GHz\_802.11n-HT40 MCS0\_Back\_0mm\_Ch134**

Communication System: UID 0, 802.11n (0); Frequency: 5670 MHz; Duty Cycle: 1:1.038  
Medium: HSL\_5000 Medium parameters used:  $f = 5670$  MHz;  $\sigma = 5.081$  S/m;  $\epsilon_r = 35.707$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.9 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3857; ConvF(4.92, 4.92, 4.92); Calibrated: 2019.5.27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2019.7.23
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

**Ch134/Area Scan (101x81x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 18.4 W/kg

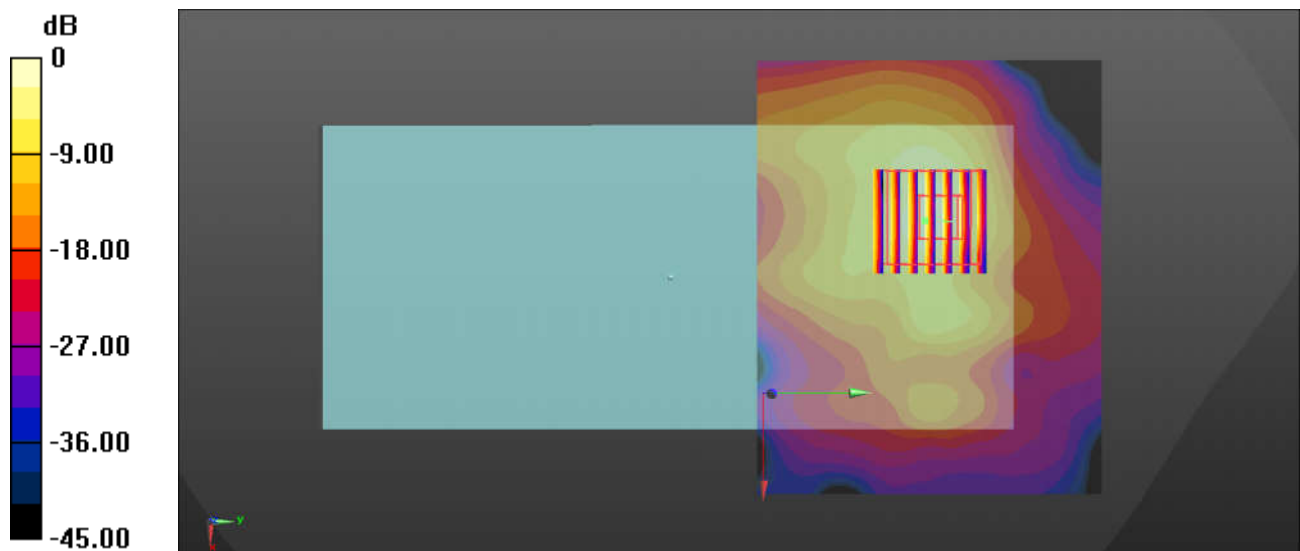
**Ch134/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 0 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 42.9 W/kg

**SAR(1 g) = 8.24 W/kg; SAR(10 g) = 2.42 W/kg**

Maximum value of SAR (measured) = 21.9 W/kg



0 dB = 21.9 W/kg = 13.40 dBW/kg

**62\_WLAN 5GHz\_802.11a 6Mbps\_Back\_0mm\_Ch165**

Communication System: UID 0, 802.11a (0); Frequency: 5825 MHz; Duty Cycle: 1:1.018

Medium: HSL\_5000 Medium parameters used:  $f = 5825$  MHz;  $\sigma = 5.25$  S/m;  $\epsilon_r = 35.438$ ;

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

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(5.17, 5.17, 5.17); Calibrated: 2019.5.27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2019.7.23
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

**Ch165/Area Scan (101x81x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

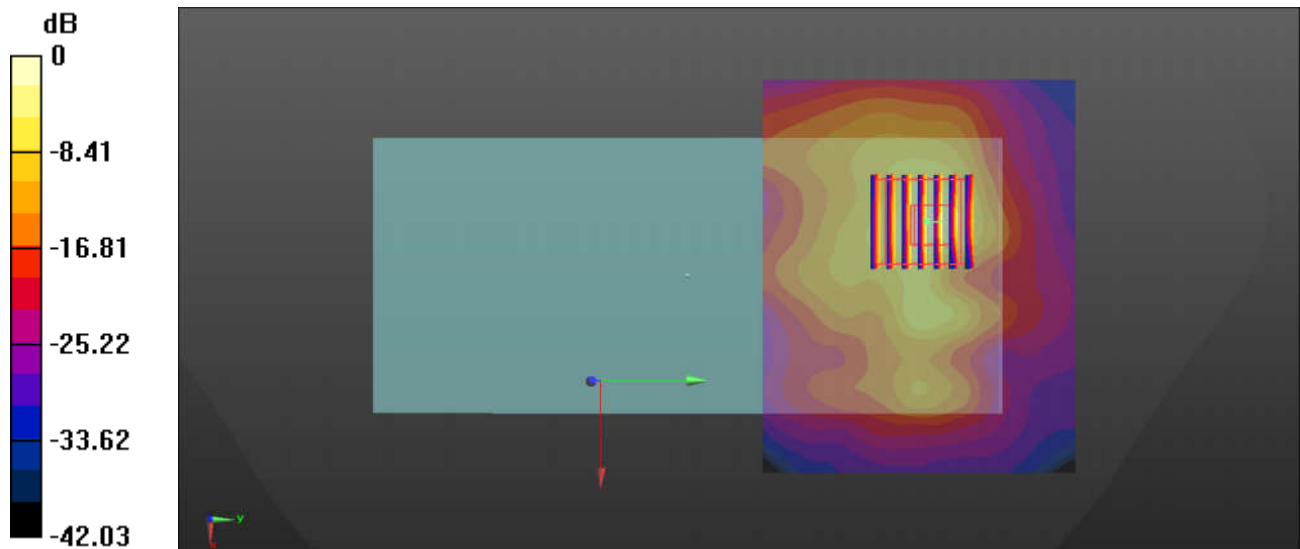
**Ch165/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 0 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 54.0 W/kg

**SAR(1 g) = 9.19 W/kg; SAR(10 g) = 2.59 W/kg**

Maximum value of SAR (measured) = 29.2 W/kg



0 dB = 29.2 W/kg = 14.65 dBW/kg



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## ***Appendix C. DASY Calibration Certificate***

The DASY calibration certificates are shown as follows.



In Collaboration with  
**s p e a g**  
CALIBRATION LABORATORY



中国认可  
国际互认  
校准  
CALIBRATION  
CNAS L0570

Add: No.51 Xueyuan Road, Haidian District, Beijing, 100191, China  
Tel: +86-10-62304633-2079 Fax: +86-10-62304633-2504  
E-mail: cttl@chinattl.com http://www.chinattl.cn

Client

**Sporton**

Certificate No: **Z19-60081**

## CALIBRATION CERTIFICATE

Object

D750V3 - SN: 1087

Calibration Procedure(s)

FF-Z11-003-01

Calibration Procedures for dipole validation kits

Calibration date:

March 27, 2019

This calibration Certificate documents the traceability to national standards, which realize the physical units of measurements(SI). The measurements and the uncertainties with confidence probability are given on the following pages and are part of the certificate.

All calibrations have been conducted in the closed laboratory facility: environment temperature(22±3)°C and humidity<70%.

Calibration Equipment used (M&TE critical for calibration)

| Primary Standards       | ID #       | Cal Date(Calibrated by, Certificate No.) | Scheduled Calibration |
|-------------------------|------------|------------------------------------------|-----------------------|
| Power Meter NRP2        | 106277     | 20-Aug-18 (CTTL, No.J18X06862)           | Aug-19                |
| Power sensor NRP8S      | 104291     | 20-Aug-18 (CTTL, No.J18X06862)           | Aug-19                |
| Reference Probe EX3DV4  | SN 3617    | 31-Jan-19(SPEAG,No.EX3-3617_Jan19)       | Jan-20                |
| DAE4                    | SN 1331    | 06-Feb-19(SPEAG,No.DAE4-1331_Feb19)      | Feb-20                |
| Secondary Standards     | ID #       | Cal Date(Calibrated by, Certificate No.) | Scheduled Calibration |
| Signal Generator E4438C | MY49071430 | 23-Jan-19 (CTTL, No.J19X00336)           | Jan-20                |
| NetworkAnalyzer E5071C  | MY46110673 | 24-Jan-19 (CTTL, No.J19X00547)           | Jan-20                |

|                | Name        | Function           | Signature |
|----------------|-------------|--------------------|-----------|
| Calibrated by: | Zhao Jing   | SAR Test Engineer  |           |
| Reviewed by:   | Lin Hao     | SAR Test Engineer  |           |
| Approved by:   | Qi Dianyuan | SAR Project Leader |           |

Issued: March 29, 2019

This calibration certificate shall not be reproduced except in full without written approval of the laboratory.