

### 01\_GSM850\_GPRS 4 Tx slots\_Left Cheek\_0mm\_Ch128

Communication System: UID 0, GPRS/EDGE (4 Tx slots) (0); Frequency: 824.2 MHz; Duty Cycle: 1:2.08

Medium: HSL\_850 Medium parameters used:  $f = 824.2$  MHz;  $\sigma = 0.914$  S/m;  $\epsilon_r = 42.606$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3088; ConvF(6.13, 6.13, 6.13); Calibrated: 2018.7.19;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1305; Calibrated: 2018.5.11
- Phantom: SAM1; Type: SAM; Serial: TP-1697
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7372)

**Ch128/Area Scan (61x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.201 W/kg

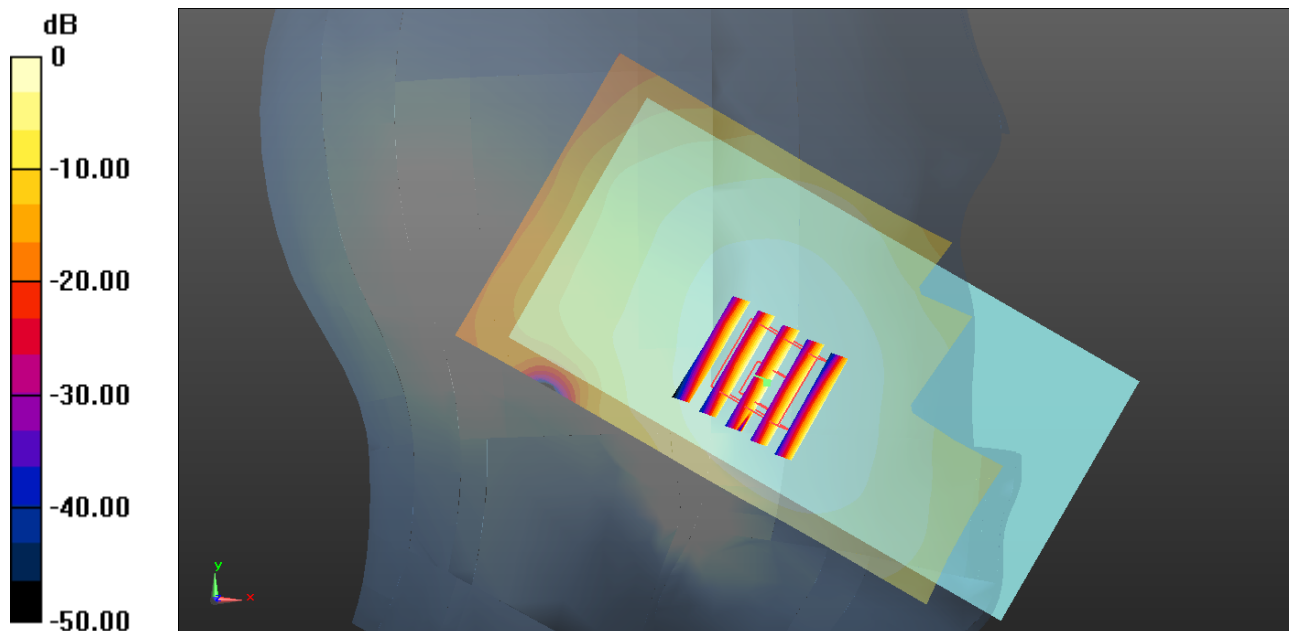
**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.22 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.266 W/kg

**SAR(1 g) = 0.183 W/kg; SAR(10 g) = 0.139 W/kg**

Maximum value of SAR (measured) = 0.199 W/kg



0 dB = 0.201 W/kg = -6.97 dBW/kg

### 02\_GSM1900\_GPRS ( 4 Tx slots)\_Right Cheek\_0mm\_Ch661

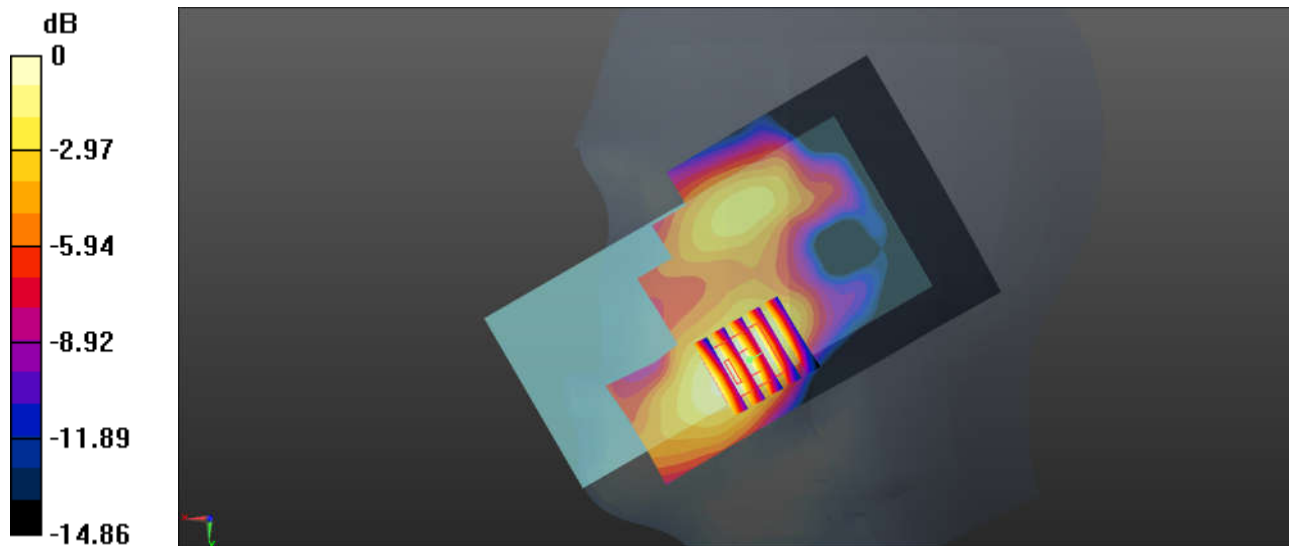
Communication System: UID 0, PCS (0); Frequency: 1880 MHz;Duty Cycle: 1:2.08  
Medium: HSL\_1900 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.442$  S/m;  $\epsilon_r = 39.228$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.7 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3954; ConvF(8.41, 8.41, 8.41); Calibrated: 2018.1.31;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2018.4.19
- Phantom: SAM2; Type: SAM; Serial: TP-1842
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch661/Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.0820 W/kg

**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 7.777 V/m; Power Drift = -0.07 dB  
Peak SAR (extrapolated) = 0.0900 W/kg  
**SAR(1 g) = 0.063 W/kg; SAR(10 g) = 0.040 W/kg**  
Maximum value of SAR (measured) = 0.0804 W/kg



0 dB = 0.0804 W/kg = -10.95 dBW/kg

### 03\_WCDMA Band V\_RMC 12.2Kbps\_Left Cheek\_0mm\_Ch4132

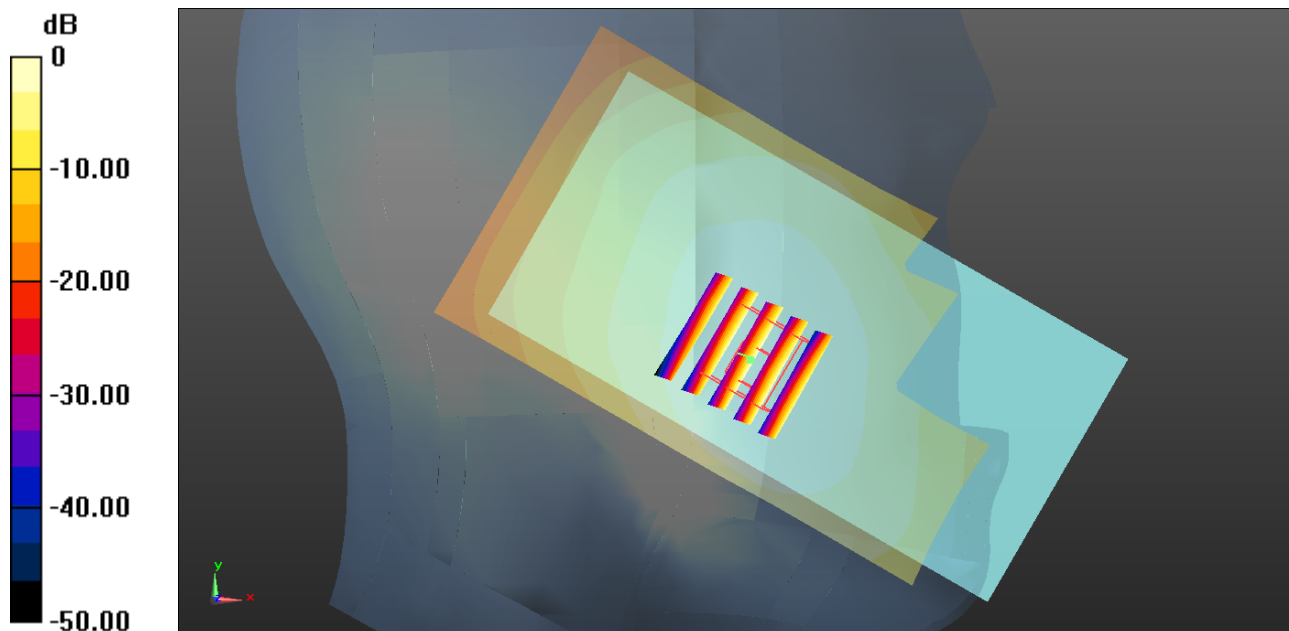
Communication System: UID 0, UMTS (0); Frequency: 826.4 MHz; Duty Cycle: 1:1  
Medium: HSL\_850 Medium parameters used:  $f = 826.4$  MHz;  $\sigma = 0.917$  S/m;  $\epsilon_r = 42.572$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.7 °C

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3088; ConvF(6.13, 6.13, 6.13); Calibrated: 2018.7.19;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1305; Calibrated: 2018.5.11
- Phantom: SAM1; Type: SAM; Serial: TP-1697
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7372)

**Ch4132/Area Scan (61x101x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.333 W/kg

**Ch4132/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 19.55 V/m; Power Drift = -0.00 dB  
Peak SAR (extrapolated) = 0.379 W/kg  
**SAR(1 g) = 0.297 W/kg; SAR(10 g) = 0.227 W/kg**  
Maximum value of SAR (measured) = 0.325 W/kg



0 dB = 0.333 W/kg = -4.78 dBW/kg

### 04\_WCDMA Band II\_RMC 12.2Kbps\_Right Cheek\_0mm\_Ch9538

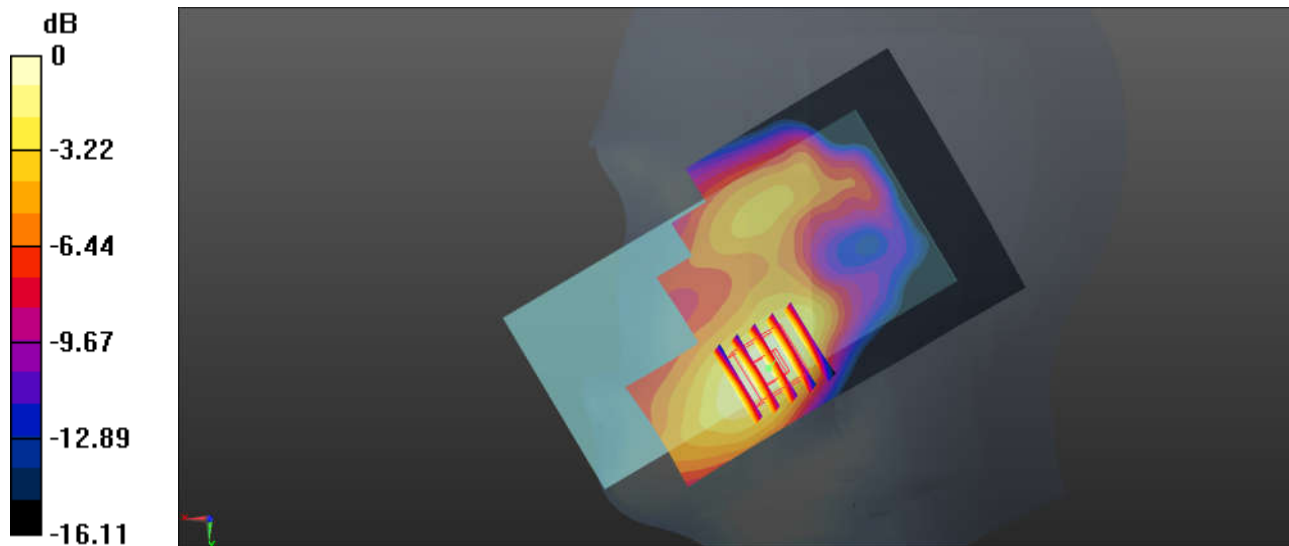
Communication System: UID 0, WCDMA (0); Frequency: 1907.6 MHz; Duty Cycle: 1:1  
Medium: HSL\_1900 Medium parameters used:  $f = 1907.6$  MHz;  $\sigma = 1.473$  S/m;  $\epsilon_r = 39.109$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.7 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3954; ConvF(8.41, 8.41, 8.41); Calibrated: 2018.1.31;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2018.4.19
- Phantom: SAM2; Type: SAM; Serial: TP-1842
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch9538/Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.160 W/kg

**Ch9538/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 10.79 V/m; Power Drift = -0.08 dB  
Peak SAR (extrapolated) = 0.179 W/kg  
**SAR(1 g) = 0.125 W/kg; SAR(10 g) = 0.079 W/kg**  
Maximum value of SAR (measured) = 0.165 W/kg



0 dB = 0.165 W/kg = -7.83 dBW/kg

**05\_LTE Band 26\_15M\_QPSK\_1RB\_37Offset\_Left Cheek\_0mm\_Ch26865**

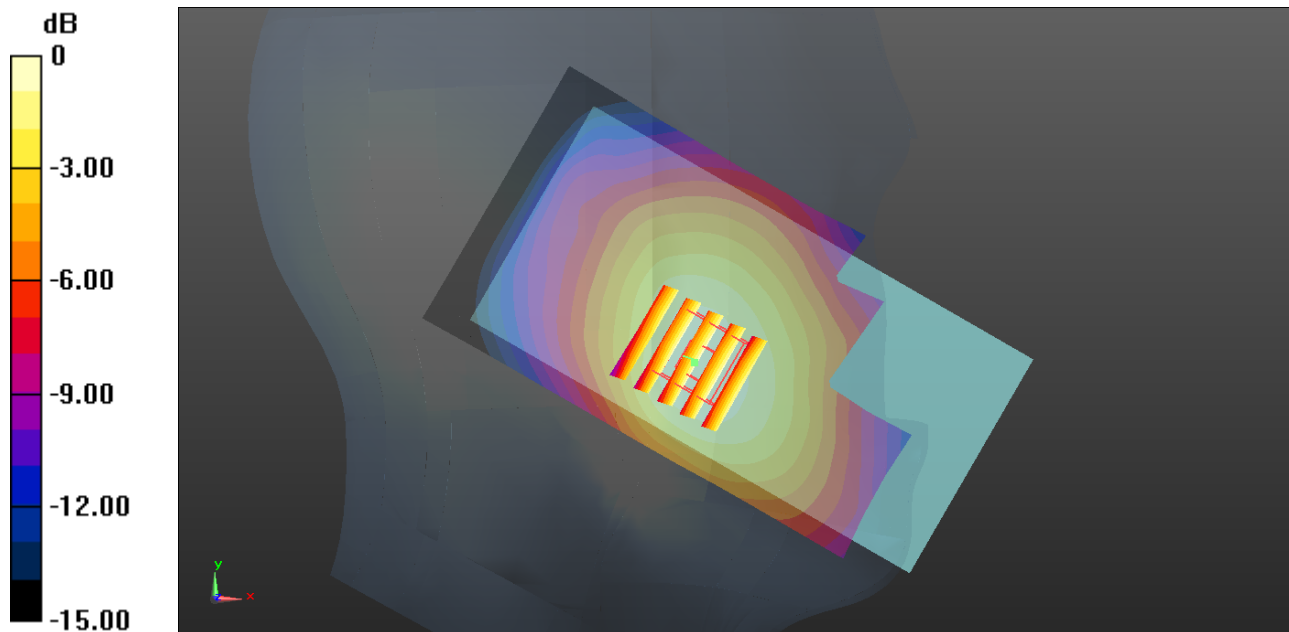
Communication System: UID 0, FDD\_LTE (0); Frequency: 831.5 MHz; Duty Cycle: 1:1  
Medium: HSL\_850 Medium parameters used :  $f = 831.5$  MHz;  $\sigma = 0.921$  S/m;  $\epsilon_r = 42.51$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3088; ConvF(6.13, 6.13, 6.13); Calibrated: 2018.7.19;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1305; Calibrated: 2018.5.11
- Phantom: SAM1; Type: SAM; Serial: TP-1697
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7372)

**Ch26865/Area Scan (61x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.355 W/kg

**Ch26865/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 19.64 V/m; Power Drift = 0.10 dB  
Peak SAR (extrapolated) = 0.402 W/kg  
**SAR(1 g) = 0.307 W/kg; SAR(10 g) = 0.233 W/kg**  
Maximum value of SAR (measured) = 0.332 W/kg



0 dB = 0.355 W/kg = -4.50 dBW/kg

**06\_LTE Band 4\_20M\_QPSK\_1RB\_99Offset\_Left Cheek\_0mm\_Ch20175**

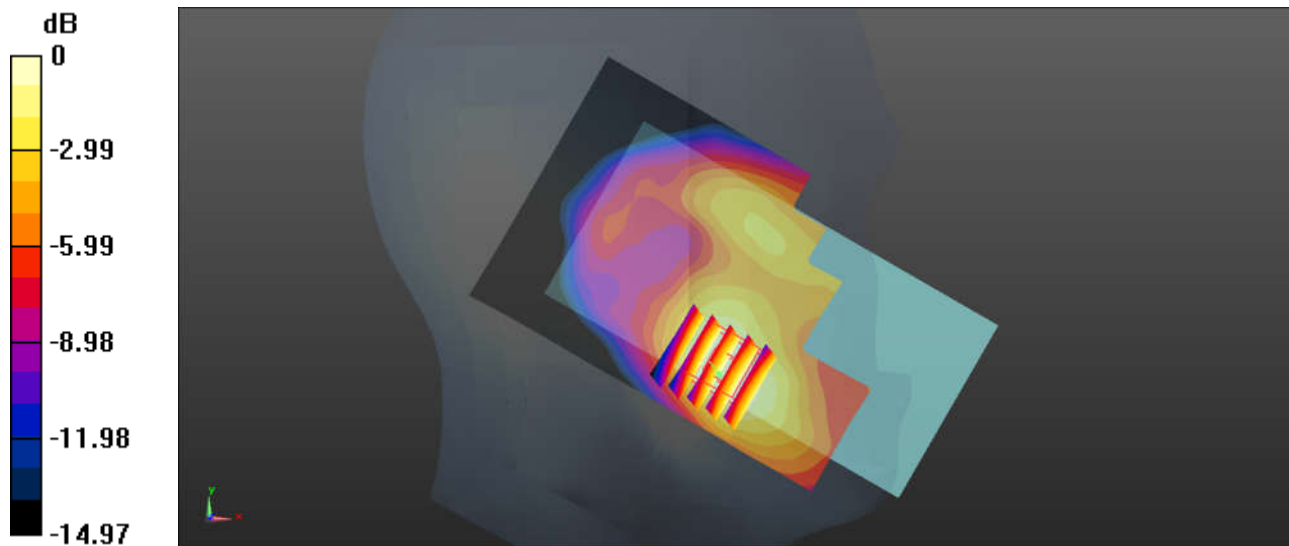
Communication System: UID 0, LTE-FDD (0); Frequency: 1732.5 MHz; Duty Cycle: 1:1  
Medium: HSL\_1750 Medium parameters used:  $f = 1732.5$  MHz;  $\sigma = 1.384$  S/m;  $\epsilon_r = 41.531$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3954; ConvF(8.65, 8.65, 8.65); Calibrated: 2018.1.31;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2018.4.19
- Phantom: SAM2; Type: SAM; Serial: TP-1842
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch20175/Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.200 W/kg

**Ch20175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 12.06 V/m; Power Drift = -0.02 dB  
Peak SAR (extrapolated) = 0.204 W/kg  
**SAR(1 g) = 0.145 W/kg; SAR(10 g) = 0.099 W/kg**  
Maximum value of SAR (measured) = 0.181 W/kg



0 dB = 0.181 W/kg = -7.42 dBW/kg

### 07\_LTE Band 2\_20M\_QPSK\_1RB\_0Offset\_Left Cheek\_0mm\_Ch18700

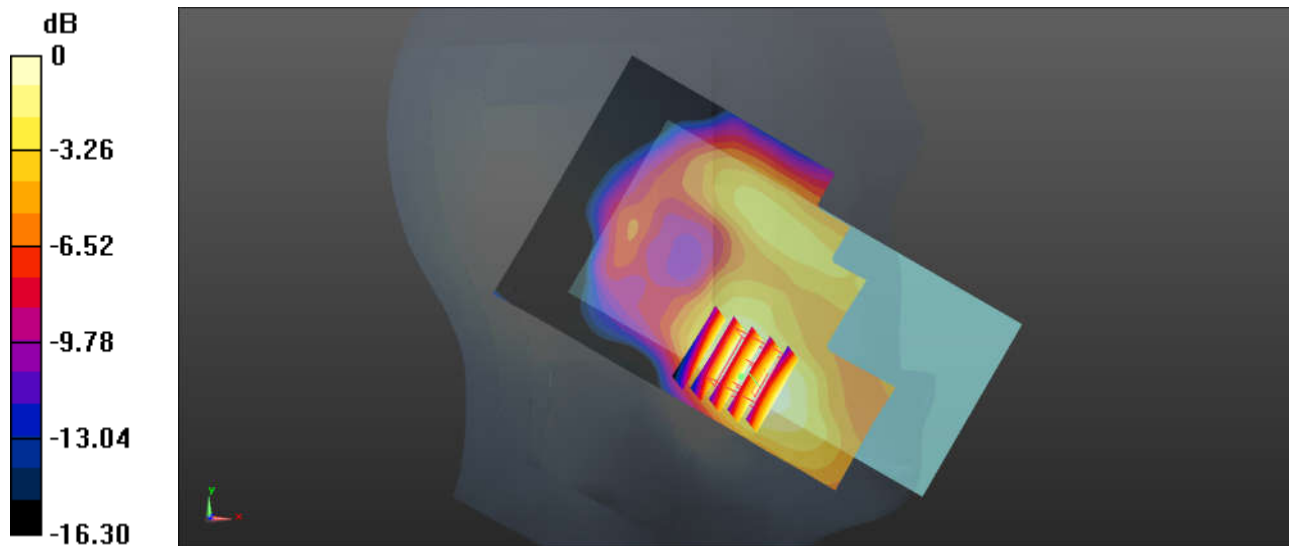
Communication System: UID 0, LTE-FDD (0); Frequency: 1860 MHz; Duty Cycle: 1:1  
Medium: HSL\_1900 Medium parameters used:  $f = 1860$  MHz;  $\sigma = 1.423$  S/m;  $\epsilon_r = 39.302$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.7 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3954; ConvF(8.41, 8.41, 8.41); Calibrated: 2018.1.31;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2018.4.19
- Phantom: SAM2; Type: SAM; Serial: TP-1842
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch18700/Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.158 W/kg

**Ch18700/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 10.30 V/m; Power Drift = -0.04 dB  
Peak SAR (extrapolated) = 0.156 W/kg  
**SAR(1 g) = 0.106 W/kg; SAR(10 g) = 0.071 W/kg**  
Maximum value of SAR (measured) = 0.137 W/kg



0 dB = 0.137 W/kg = -8.63 dBW/kg

### 08\_LTE Band 7\_20M\_QPSK\_1RB\_0Offset\_Right Cheek\_0mm\_Ch20850

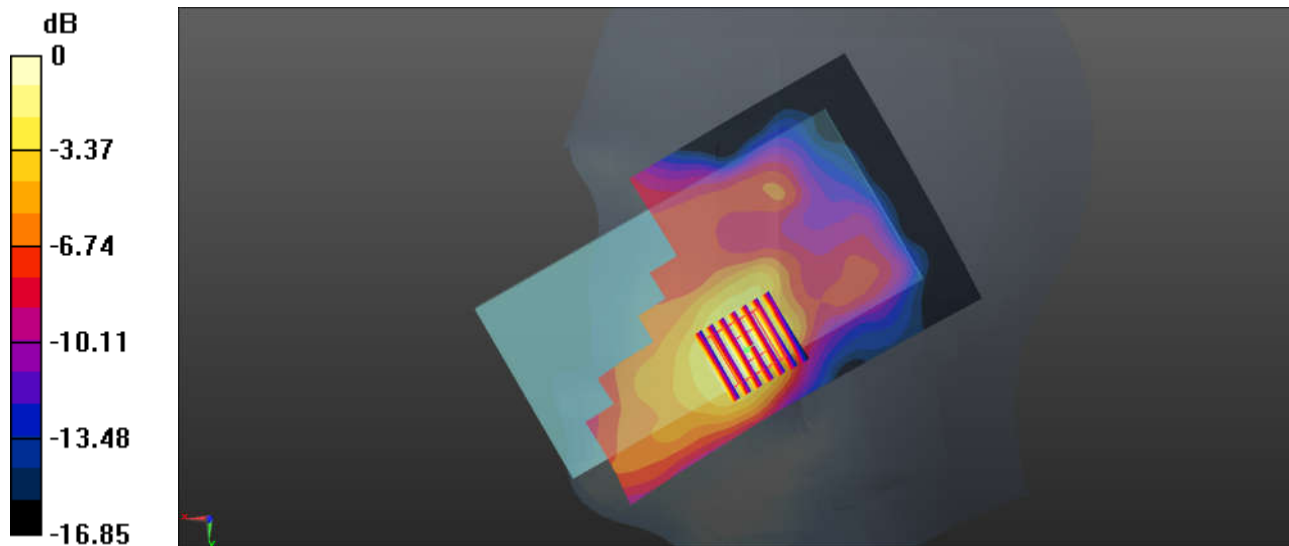
Communication System: UID 0, LTE-FDD (0); Frequency: 2510 MHz; Duty Cycle: 1:1  
Medium: HSL\_2600 Medium parameters used:  $f = 2510$  MHz;  $\sigma = 1.917$  S/m;  $\epsilon_r = 38.762$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.6 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3954; ConvF(7.31, 7.31, 7.31); Calibrated: 2018.1.31;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2018.4.19
- Phantom: SAM1; Type: SAM; Serial: TP-1842
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch20850/Area Scan (91x141x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 0.587 W/kg

**Ch20850/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 7.722 V/m; Power Drift = -0.08 dB  
Peak SAR (extrapolated) = 0.712 W/kg  
**SAR(1 g) = 0.454 W/kg; SAR(10 g) = 0.256 W/kg**  
Maximum value of SAR (measured) = 0.618 W/kg



0 dB = 0.618 W/kg = -2.09 dBW/kg



**09\_LTE Band 41\_20M\_QPSK\_1RB\_99Offset\_Right Cheek\_0mm\_Ch40400**

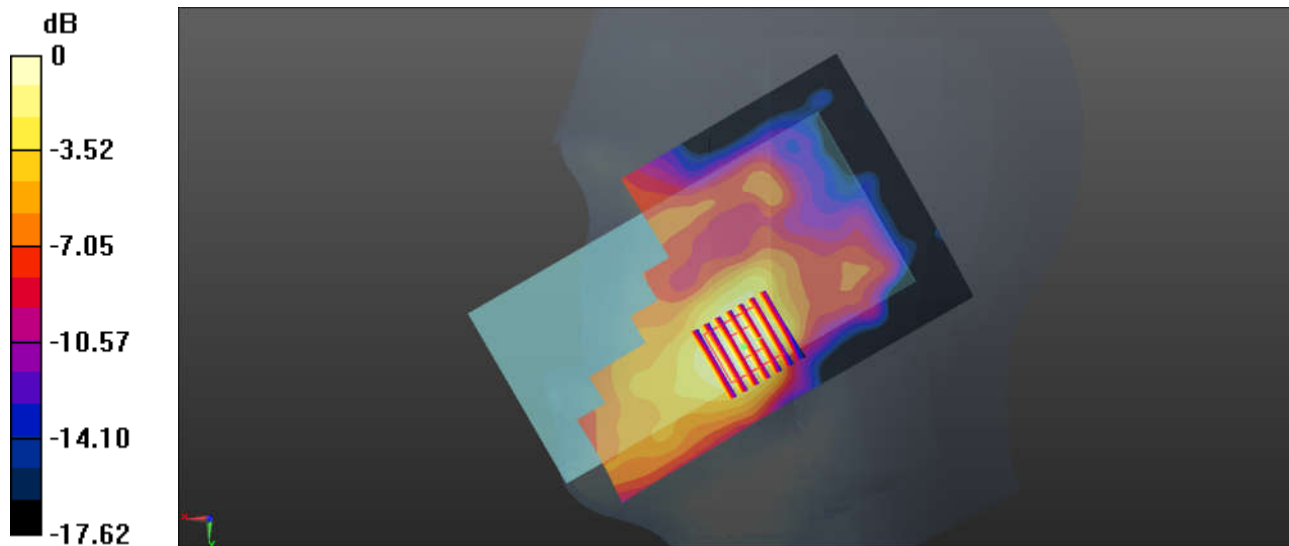
Communication System: UID 0, LTE-TDD (0); Frequency: 2571 MHz; Duty Cycle: 1:1.59  
Medium: HSL\_2600 Medium parameters used:  $f = 2571$  MHz;  $\sigma = 1.986$  S/m;  $\epsilon_r = 38.495$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3954; ConvF(7.31, 7.31, 7.31); Calibrated: 2018.1.31;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2018.4.19
- Phantom: SAM1; Type: SAM; Serial: TP-1842
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch40400/Area Scan (91x141x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 0.192 W/kg

**Ch40400/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 3.586 V/m; Power Drift = 0.06 dB  
Peak SAR (extrapolated) = 0.190 W/kg  
**SAR(1 g) = 0.123 W/kg; SAR(10 g) = 0.071 W/kg**  
Maximum value of SAR (measured) = 0.166 W/kg



0 dB = 0.166 W/kg = -7.80 dBW/kg

### 10\_WLAN2.4GHz\_802.11b 1Mbps\_Right Cheek\_0mm\_Ant 1\_Ch6

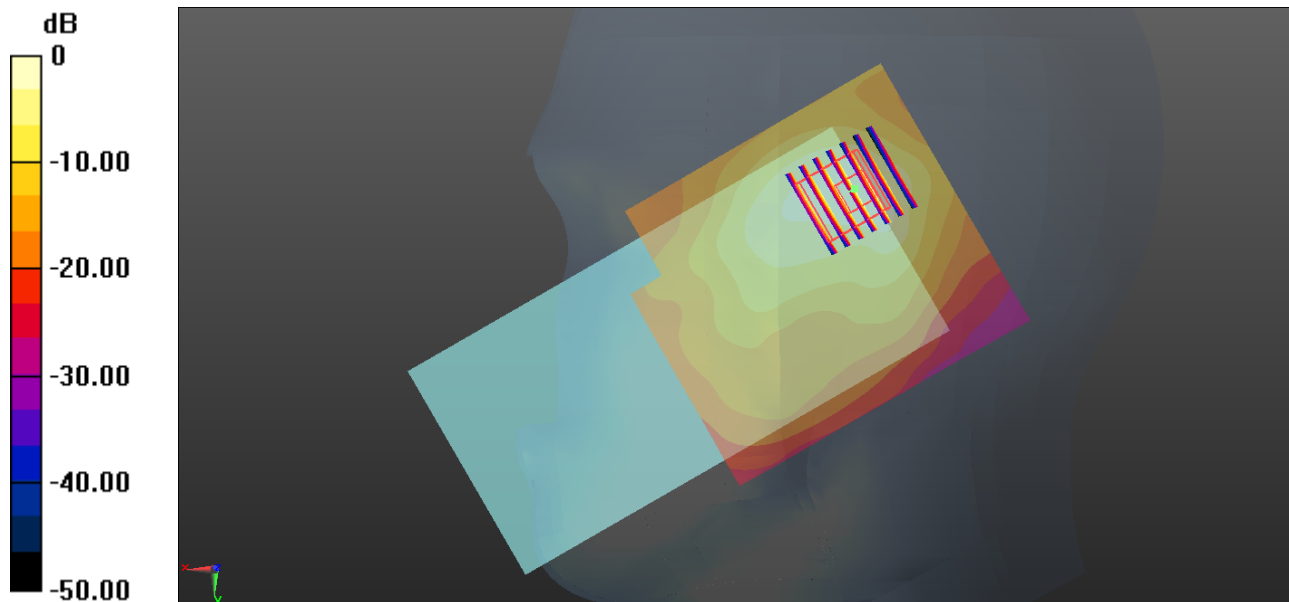
Communication System: UID 0, 802.11b (0); Frequency: 2437 MHz; Duty Cycle: 1:1.015  
Medium: HSL\_2450 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.832$  S/m;  $\epsilon_r = 39.086$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.8 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3954; ConvF(7.49, 7.49, 7.49); Calibrated: 2018.1.31;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2018.4.19
- Phantom: SAM1; Type: SAM; Serial: TP-1842
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7372)

**Ch6/Area Scan (81x91x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 1.58 W/kg

**Ch6/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 27.13 V/m; Power Drift = -0.08 dB  
Peak SAR (extrapolated) = 1.66 W/kg  
**SAR(1 g) = 0.903 W/kg; SAR(10 g) = 0.489 W/kg**  
Maximum value of SAR (measured) = 1.35 W/kg



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

### 11\_Bluetooth\_DH5 1Mbps\_Right Tilted\_0mm\_Ant 1\_Ch39

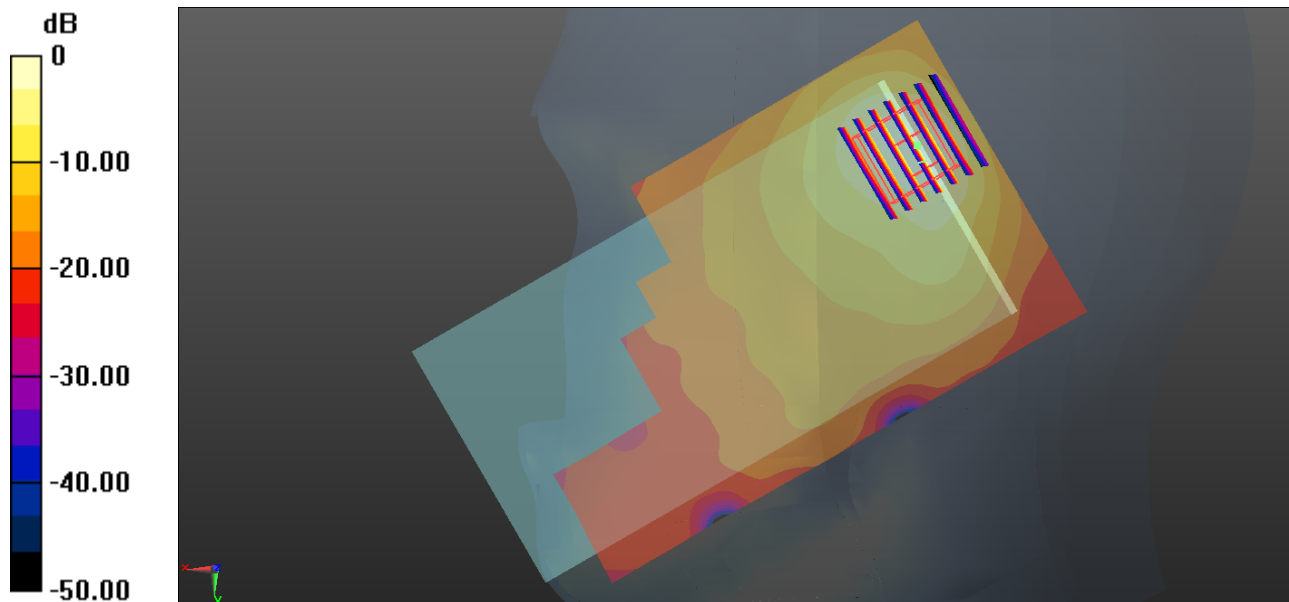
Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz; Duty Cycle: 1:1.297  
Medium: HSL\_2450 Medium parameters used:  $f = 2441$  MHz;  $\sigma = 1.836$  S/m;  $\epsilon_r = 39.07$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.8 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3954; ConvF(7.49, 7.49, 7.49); Calibrated: 2018.1.31;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2018.4.19
- Phantom: SAM1; Type: SAM; Serial: TP-1842
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7372)

**Ch39/Area Scan (81x151x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 0.293 W/kg

**Ch39/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 14.45 V/m; Power Drift = 0.02 dB  
Peak SAR (extrapolated) = 0.590 W/kg  
**SAR(1 g) = 0.197 W/kg; SAR(10 g) = 0.085 W/kg**  
Maximum value of SAR (measured) = 0.355 W/kg



0 dB = 0.293 W/kg = -5.33 dBW/kg

### 12\_WLAN5.3GHz\_802.11n-HT40 MCS0\_Right Cheek\_0mm\_Ch62

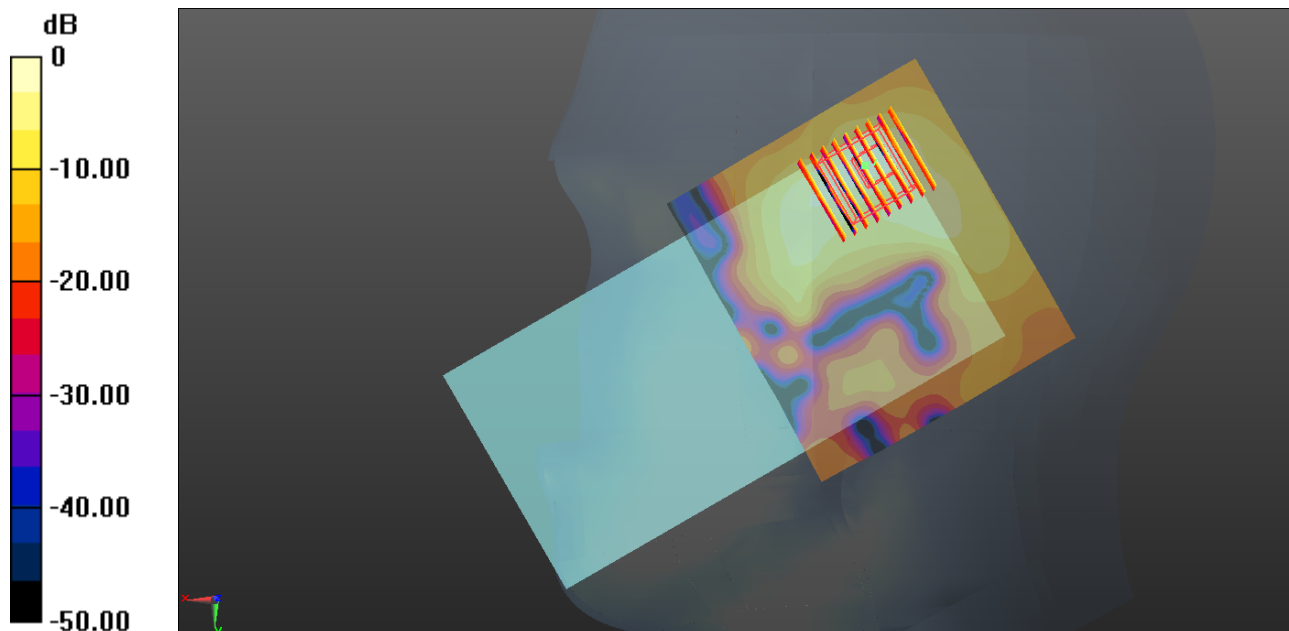
Communication System: UID 0, WIFI (0); Frequency: 5310 MHz; Duty Cycle: 1:1.163  
Medium: HSL\_5000 Medium parameters used:  $f = 5310$  MHz;  $\sigma = 4.87$  S/m;  $\epsilon_r = 36.852$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.8 °C

#### 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 Sn1210; Calibrated: 2018.5.28
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7372)

**Ch62/Area Scan (101x91x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 0.818 W/kg

**Ch62/Zoom Scan (8x9x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm  
Reference Value = 17.12 V/m; Power Drift = 0.00 dB  
Peak SAR (extrapolated) = 1.99 W/kg  
**SAR(1 g) = 0.510 W/kg; SAR(10 g) = 0.145 W/kg**  
Maximum value of SAR (measured) = 1.26 W/kg



0 dB = 0.818 W/kg = -0.87 dBW/kg

### 13\_WLAN5.5GHz\_802.11n-HT40 MCS0\_Right Cheek\_0mm\_Ch142

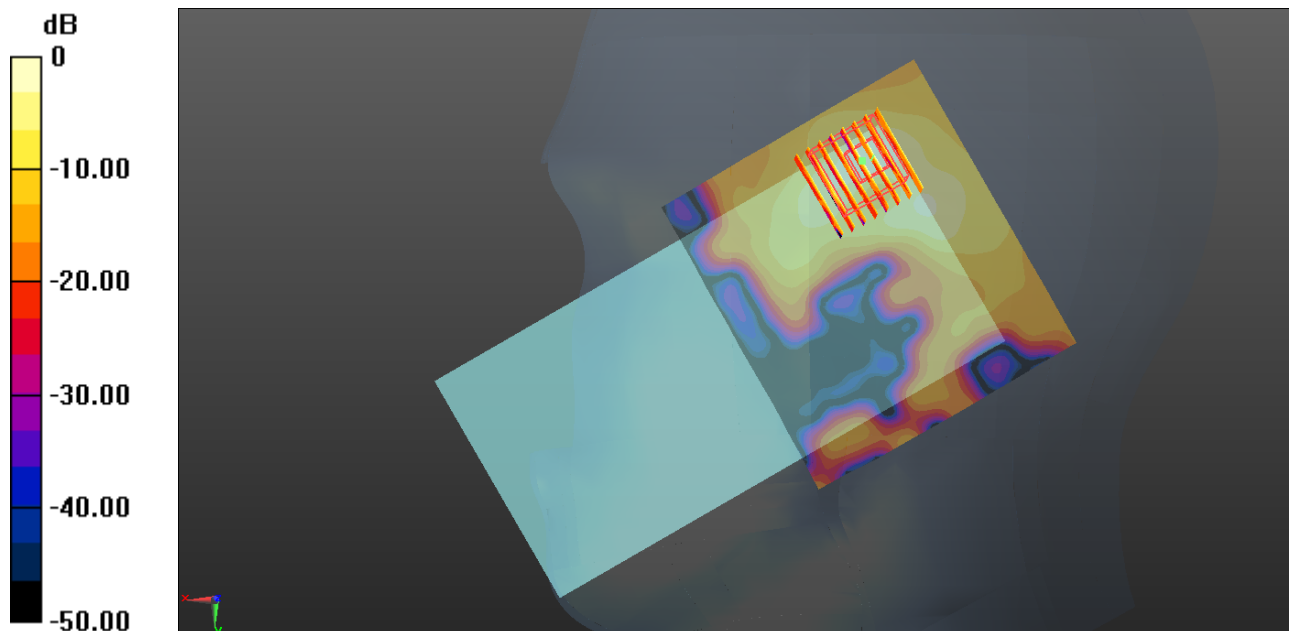
Communication System: UID 0, WIFI (0); Frequency: 5710 MHz; Duty Cycle: 1:1.163  
Medium: HSL\_5000 Medium parameters used:  $f = 5710$  MHz;  $\sigma = 5.306$  S/m;  $\epsilon_r = 36.253$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.8 °C

#### 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 Sn1210; Calibrated: 2018.5.28
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7372)

**Ch142/Area Scan (101x91x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 0.571 W/kg

**Ch142/Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm  
Reference Value = 15.06 V/m; Power Drift = -0.09 dB  
Peak SAR (extrapolated) = 1.71 W/kg  
**SAR(1 g) = 0.389 W/kg; SAR(10 g) = 0.104 W/kg**  
Maximum value of SAR (measured) = 1.05 W/kg



0 dB = 0.571 W/kg = -2.43 dBW/kg

### 14\_WLAN5.8GHz\_802.11n-HT40 MCS0\_Right Cheek\_0mm\_Ch151

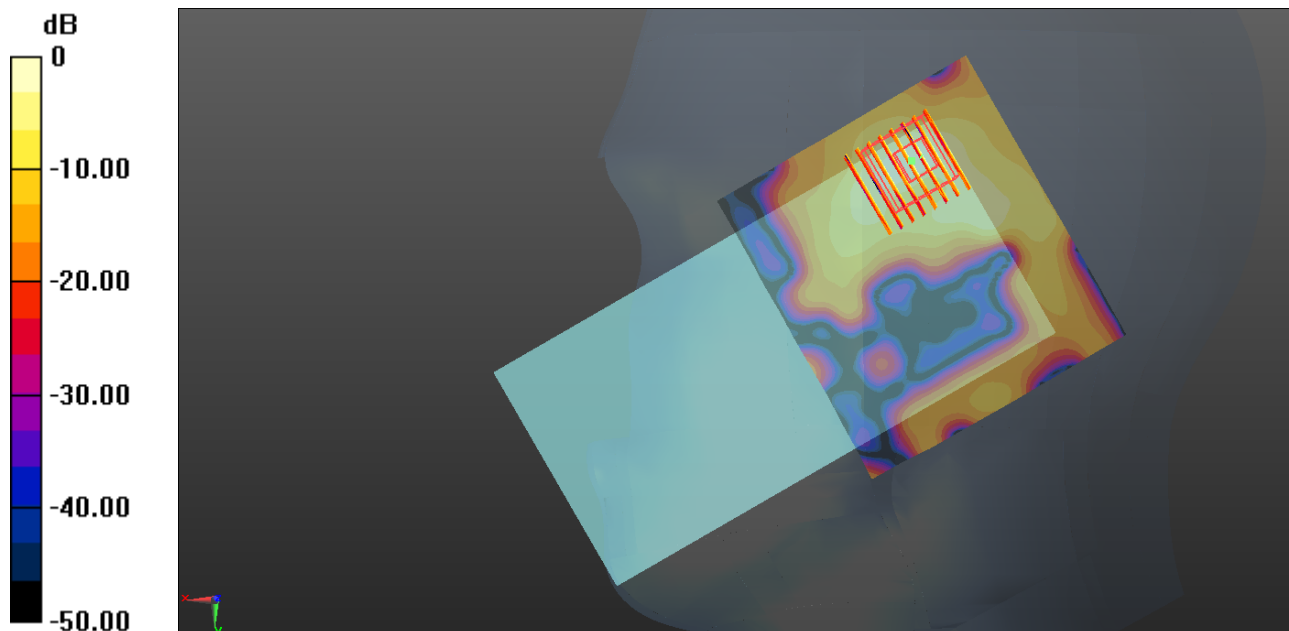
Communication System: UID 0, WIFI (0); Frequency: 5755 MHz; Duty Cycle: 1:1.163  
Medium: HSL\_5000 Medium parameters used:  $f = 5755$  MHz;  $\sigma = 5.354$  S/m;  $\epsilon_r = 36.194$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.8 °C

#### 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 Sn1210; Calibrated: 2018.5.28
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7372)

**Ch151/Area Scan (101x91x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 0.658 W/kg

**Ch151/Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm  
Reference Value = 15.33 V/m; Power Drift = -0.02 dB  
Peak SAR (extrapolated) = 1.89 W/kg  
**SAR(1 g) = 0.414 W/kg; SAR(10 g) = 0.116 W/kg**  
Maximum value of SAR (measured) = 1.11 W/kg



0 dB = 0.658 W/kg = -1.82 dBW/kg

### 15\_GSM850\_GPRS (4Tx slots)\_Back\_5mm\_Ch189

Communication System: UID 0, GPRS/EDGE (4 Tx slots) (0); Frequency: 836.4 MHz; Duty Cycle: 1:2.08

Medium: MSL\_850 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.985$  S/m;  $\epsilon_r = 54.249$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.8 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(9.49, 9.49, 9.49); Calibrated: 2018.5.31;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2018.5.28
- Phantom: SAM1; Type: SAM; Serial: TP-1697
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7372)

**Ch189/Area Scan (61x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.89 W/kg

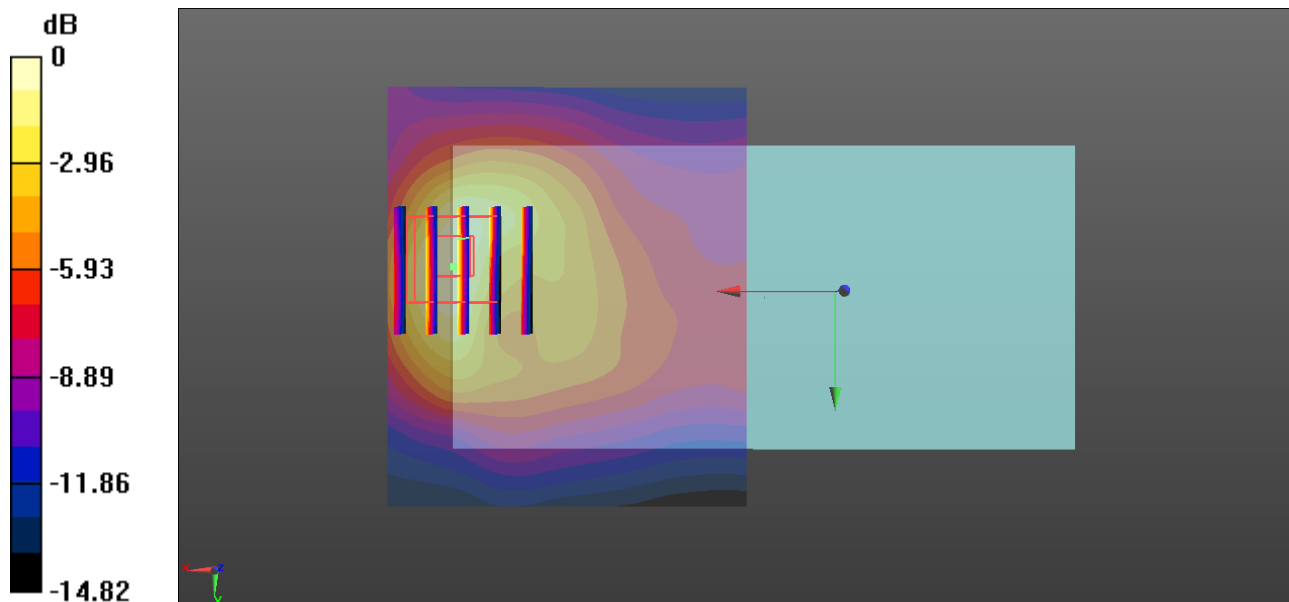
**Ch189/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 44.63 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 2.14 W/kg

**SAR(1 g) = 1.21 W/kg; SAR(10 g) = 0.711 W/kg**

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



0 dB = 1.89 W/kg = 2.76 dBW/kg

### 16\_GSM1900\_GPRS ( 4 Tx slots)\_Bottom Side\_5mm\_Ch512

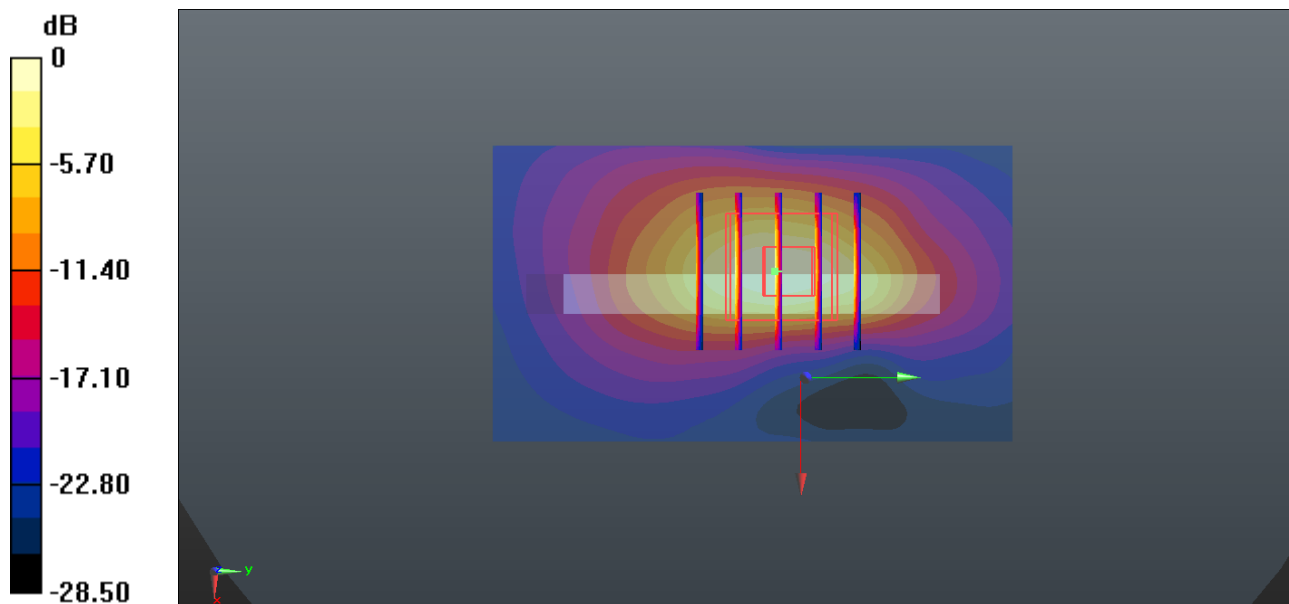
Communication System: UID 0, PCS (0); Frequency: 1850.2 MHz;Duty Cycle: 1:2.08  
Medium: MSL\_1900 Medium parameters used:  $f = 1850.2$  MHz;  $\sigma = 1.482$  S/m;  $\epsilon_r = 53.974$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.8 °C

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3088; ConvF(4.71, 4.71, 4.71); Calibrated: 2018.7.19;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1305; Calibrated: 2018.5.11
- Phantom: SAM1; Type: SAM; Serial: TP-1842
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7372)

**Ch512/Area Scan (41x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 1.88 W/kg

**Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 34.14 V/m; Power Drift = -0.08 dB  
Peak SAR (extrapolated) = 2.31 W/kg  
**SAR(1 g) = 1.19 W/kg; SAR(10 g) = 0.546 W/kg**  
Maximum value of SAR (measured) = 1.54 W/kg



0 dB = 1.88 W/kg = 2.74 dBW/kg



### 17\_WCDMA Band V\_RMC 12.2Kbps\_Back\_5mm\_Ch4182

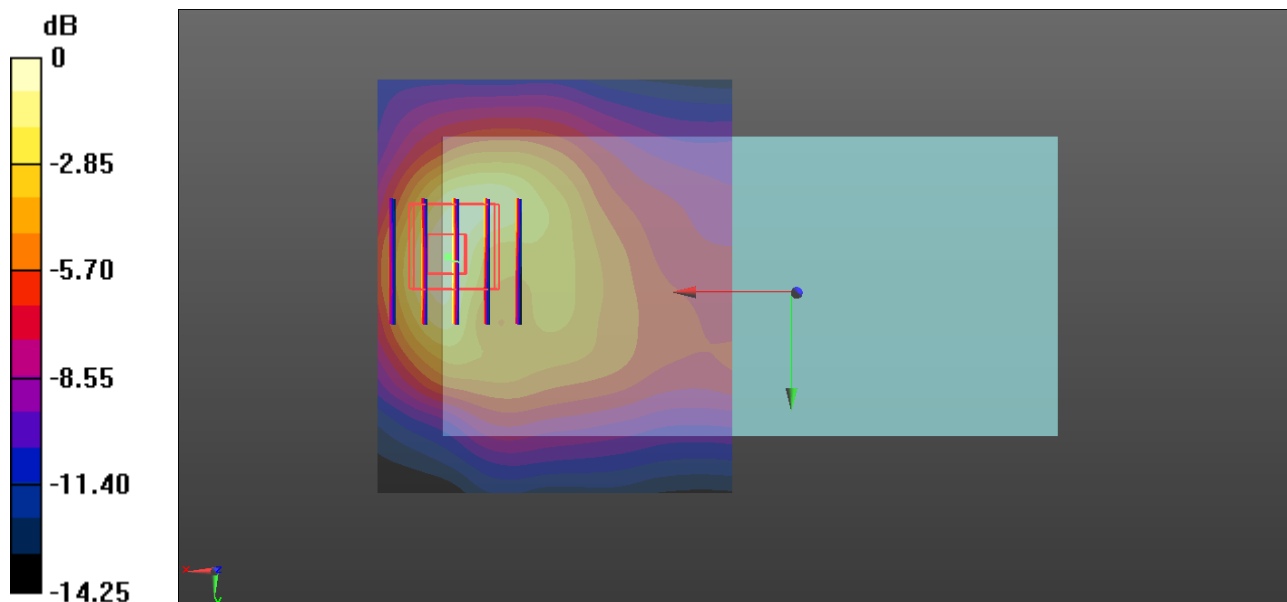
Communication System: UID 0, UMTS (0); Frequency: 836.4 MHz; Duty Cycle: 1:1  
Medium: MSL\_850 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.985$  S/m;  $\epsilon_r = 54.249$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.8 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(9.49, 9.49, 9.49); Calibrated: 2018.5.31;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2018.5.28
- Phantom: SAM1; Type: SAM; Serial: TP-1697
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7372)

**Ch4182/Area Scan (61x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 1.80 W/kg

**Ch4182/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 44.94 V/m; Power Drift = 0.01 dB  
Peak SAR (extrapolated) = 2.12 W/kg  
**SAR(1 g) = 1.22 W/kg; SAR(10 g) = 0.725 W/kg**  
Maximum value of SAR (measured) = 1.79 W/kg



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

### 18\_WCDMA Band II\_RMC 12.2Kbps\_Bottom Side\_5mm\_Ch9538

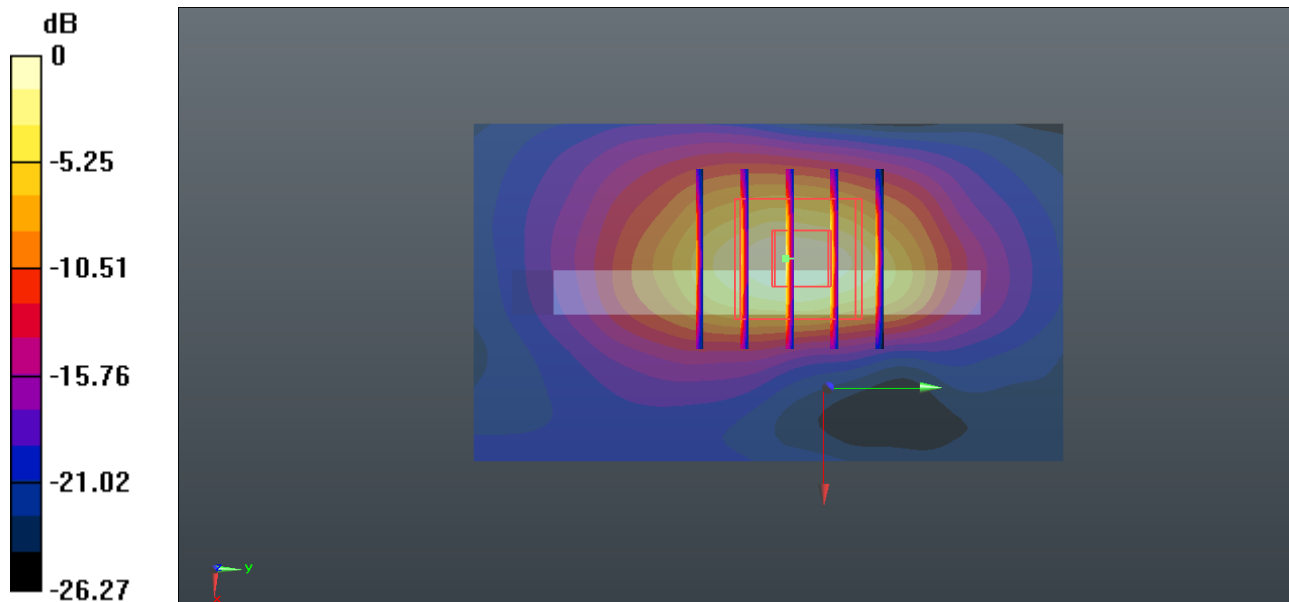
Communication System: UID 0, WCDMA (0); Frequency: 1907.6 MHz; Duty Cycle: 1:1  
Medium: MSL\_1900 Medium parameters used:  $f = 1907.6$  MHz;  $\sigma = 1.546$  S/m;  $\epsilon_r = 53.786$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.8 °C

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3088; ConvF(4.71, 4.71, 4.71); Calibrated: 2018.7.19;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1305; Calibrated: 2018.5.11
- Phantom: SAM1; Type: SAM; Serial: TP-1842
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7372)

**Ch9538/Area Scan (41x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 2.00 W/kg

**Ch9538/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 33.91 V/m; Power Drift = -0.02 dB  
Peak SAR (extrapolated) = 2.60 W/kg  
**SAR(1 g) = 1.29 W/kg; SAR(10 g) = 0.584 W/kg**  
Maximum value of SAR (measured) = 1.66 W/kg



0 dB = 2.00 W/kg = 3.01 dBW/kg

### 19\_LTE Band 26\_15M\_QPSK\_1RB\_37Offset\_Back\_5mm\_Ch26865

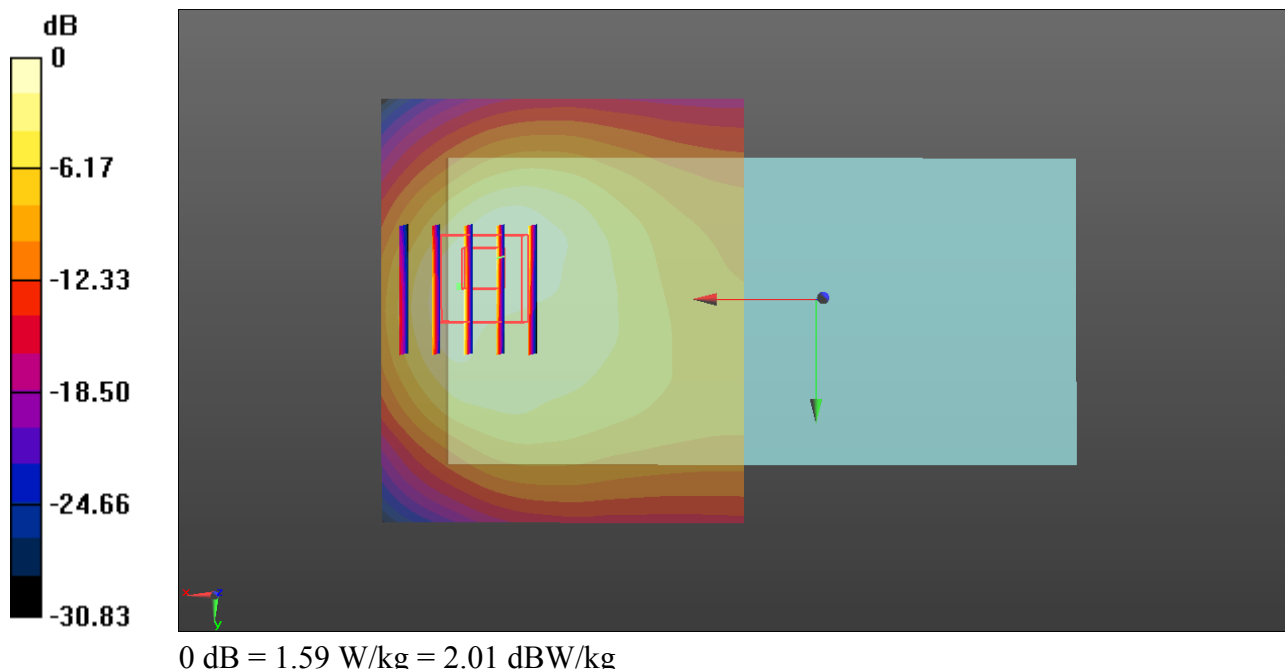
Communication System: UID 0, FDD\_LTE (0); Frequency: 831.5 MHz; Duty Cycle: 1:1  
Medium: MSL\_850 Medium parameters used:  $f = 831.5$  MHz;  $\sigma = 0.98$  S/m;  $\epsilon_r = 54.299$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.8 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(9.49, 9.49, 9.49); Calibrated: 2018.5.31;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2018.5.28
- Phantom: SAM1; Type: SAM; Serial: TP-1697
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7372)

**Ch26865/Area Scan (61x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 1.59 W/kg

**Ch26865/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 44.73 V/m; Power Drift = -0.11 dB  
Peak SAR (extrapolated) = 2.46 W/kg  
**SAR(1 g) = 1.2 W/kg; SAR(10 g) = 0.656 W/kg**  
Maximum value of SAR (measured) = 1.96 W/kg



### 20\_LTE Band 4\_20M\_QPSK\_1RB\_99Offset\_Bottom Side\_5mm\_Ch20175

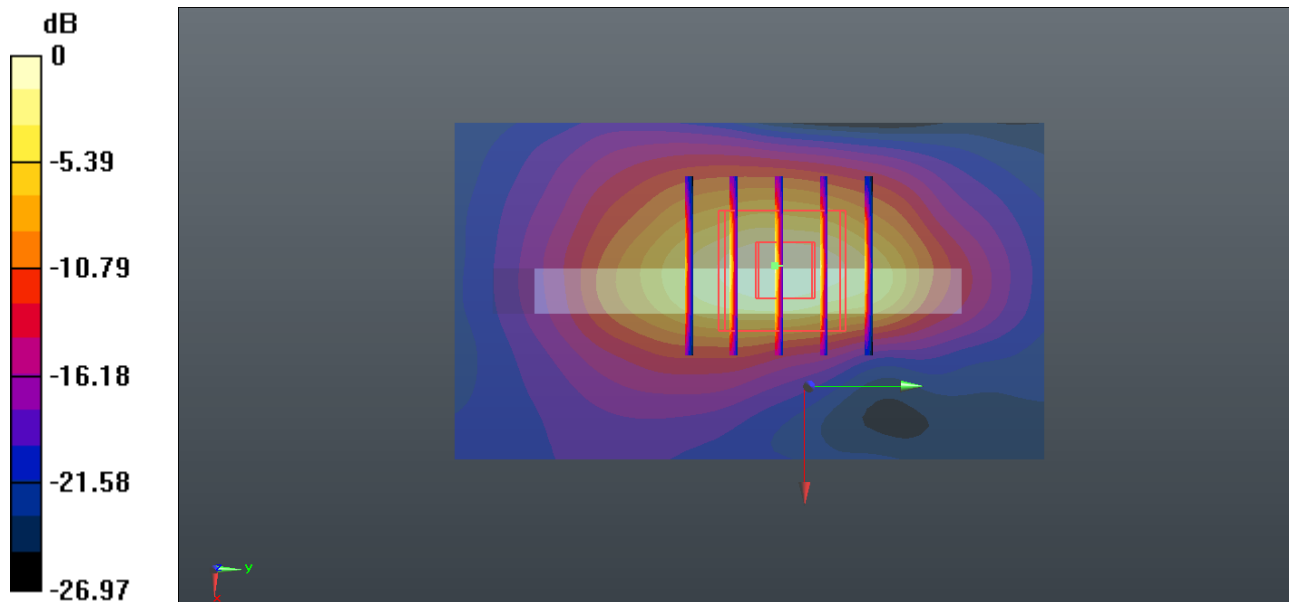
Communication System: UID 0, LTE-FDD (0); Frequency: 1732.5 MHz; Duty Cycle: 1:1  
Medium: MSL\_1750 Medium parameters used:  $f = 1732.5$  MHz;  $\sigma = 1.47$  S/m;  $\epsilon_r = 54.126$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.6 °C

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3088; ConvF(4.82, 4.82, 4.82); Calibrated: 2018.7.19;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1305; Calibrated: 2018.5.11
- Phantom: SAM1; Type: SAM; Serial: TP-1842
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7372)

**Ch20175/Area Scan (41x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 1.61 W/kg

**Ch20175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 32.52 V/m; Power Drift = -0.03 dB  
Peak SAR (extrapolated) = 2.16 W/kg  
**SAR(1 g) = 1.13 W/kg; SAR(10 g) = 0.535 W/kg**  
Maximum value of SAR (measured) = 1.45 W/kg



0 dB = 1.61 W/kg = 2.07 dBW/kg

### 21\_LTE Band 2\_20M\_QPSK\_1RB\_0Offset\_Bottom Side\_5mm\_Ch19100

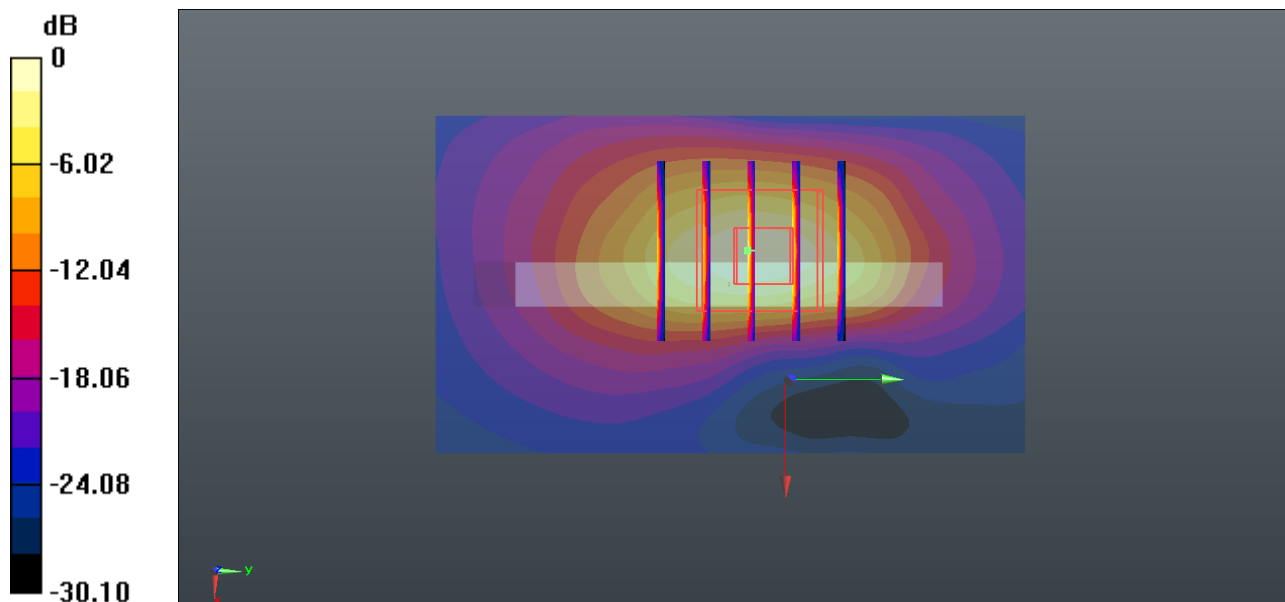
Communication System: UID 0, LTE-FDD (0); Frequency: 1900 MHz; Duty Cycle: 1:1  
Medium: MSL\_1900 Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.537$  S/m;  $\epsilon_r = 53.815$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.8 °C

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3088; ConvF(4.71, 4.71, 4.71); Calibrated: 2018.7.19;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1305; Calibrated: 2018.5.11
- Phantom: SAM1; Type: SAM; Serial: TP-1842
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7372)

**Ch19100/Area Scan (41x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 1.85 W/kg

**Ch19100/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 32.62 V/m; Power Drift = -0.07 dB  
Peak SAR (extrapolated) = 2.36 W/kg  
**SAR(1 g) = 1.18 W/kg; SAR(10 g) = 0.538 W/kg**  
Maximum value of SAR (measured) = 1.51 W/kg



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

### 22\_LTE Band 7\_20M\_QPSK\_100RB\_0Offset\_Back\_5mm\_Ch20850

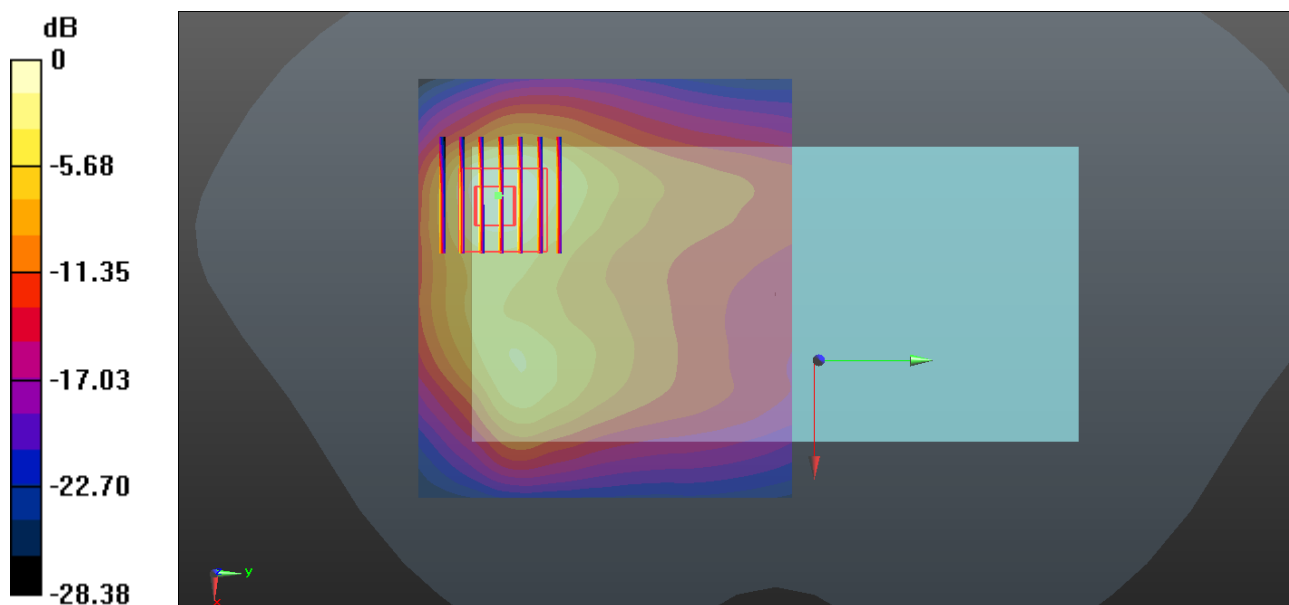
Communication System: UID 0, LTE-FDD (0); Frequency: 2510 MHz; Duty Cycle: 1:1  
Medium: MSL\_2600 Medium parameters used:  $f = 2510$  MHz;  $\sigma = 2.094$  S/m;  $\epsilon_r = 51.571$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.7 °C

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3088; ConvF(4.41, 4.41, 4.41); Calibrated: 2018.7.19;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1305; Calibrated: 2018.5.11
- Phantom: SAM2; Type: SAM; Serial: TP-1842
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7372)

**Ch20850/Area Scan (91x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 1.95 W/kg

**Ch20850/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 31.18 V/m; Power Drift = -0.09 dB  
Peak SAR (extrapolated) = 2.95 W/kg  
**SAR(1 g) = 1.3 W/kg; SAR(10 g) = 0.583 W/kg**  
Maximum value of SAR (measured) = 1.69 W/kg



0 dB = 1.95 W/kg = 2.90 dBW/kg

### 23\_LTE Band 41\_20M\_QPSK\_50RB\_50Offset\_Back\_5mm\_Ch41140

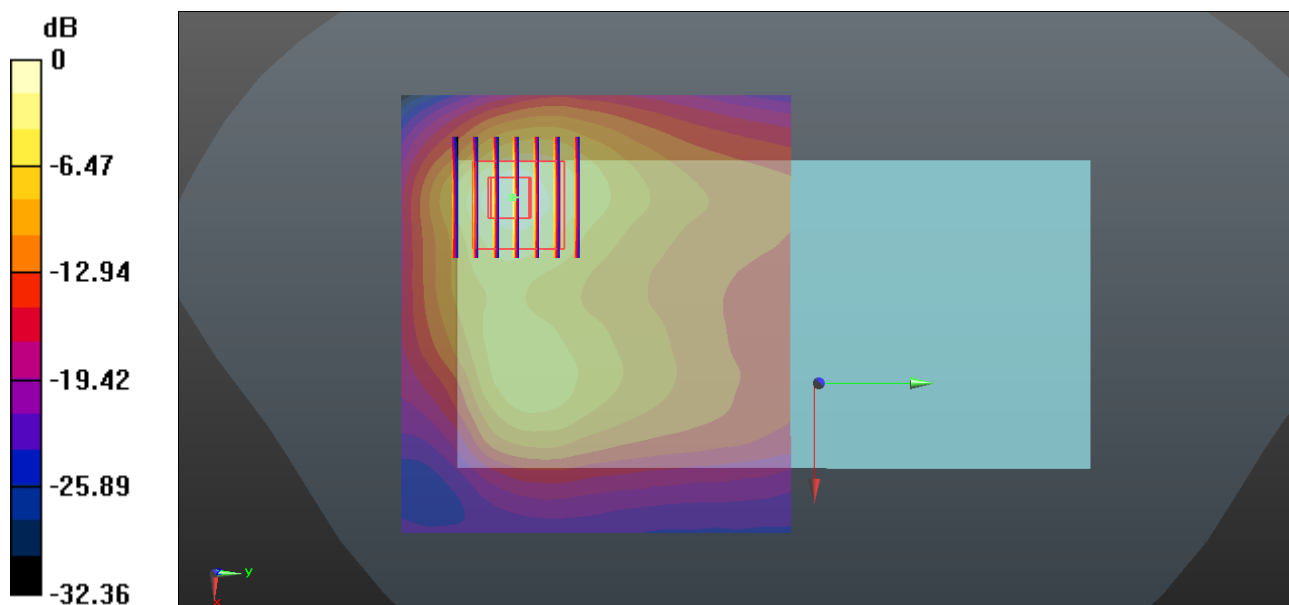
Communication System: UID 0, LTE-TDD (0); Frequency: 2645 MHz; Duty Cycle: 1:1.59  
Medium: MSL\_2600 Medium parameters used:  $f = 2645$  MHz;  $\sigma = 2.287$  S/m;  $\epsilon_r = 51.047$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.7 °C

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3088; ConvF(4.41, 4.41, 4.41); Calibrated: 2018.7.19;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1305; Calibrated: 2018.5.11
- Phantom: SAM2; Type: SAM; Serial: TP-1842
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7372)

**Ch41140/Area Scan (91x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 1.80 W/kg

**Ch41140/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 27.31 V/m; Power Drift = -0.00 dB  
Peak SAR (extrapolated) = 2.85 W/kg  
**SAR(1 g) = 1.2 W/kg; SAR(10 g) = 0.522 W/kg**  
Maximum value of SAR (measured) = 1.60 W/kg



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

### 24\_WLAN2.4GHz\_802.11b 1Mbps\_Back\_5mm\_Ant 1\_Ch1

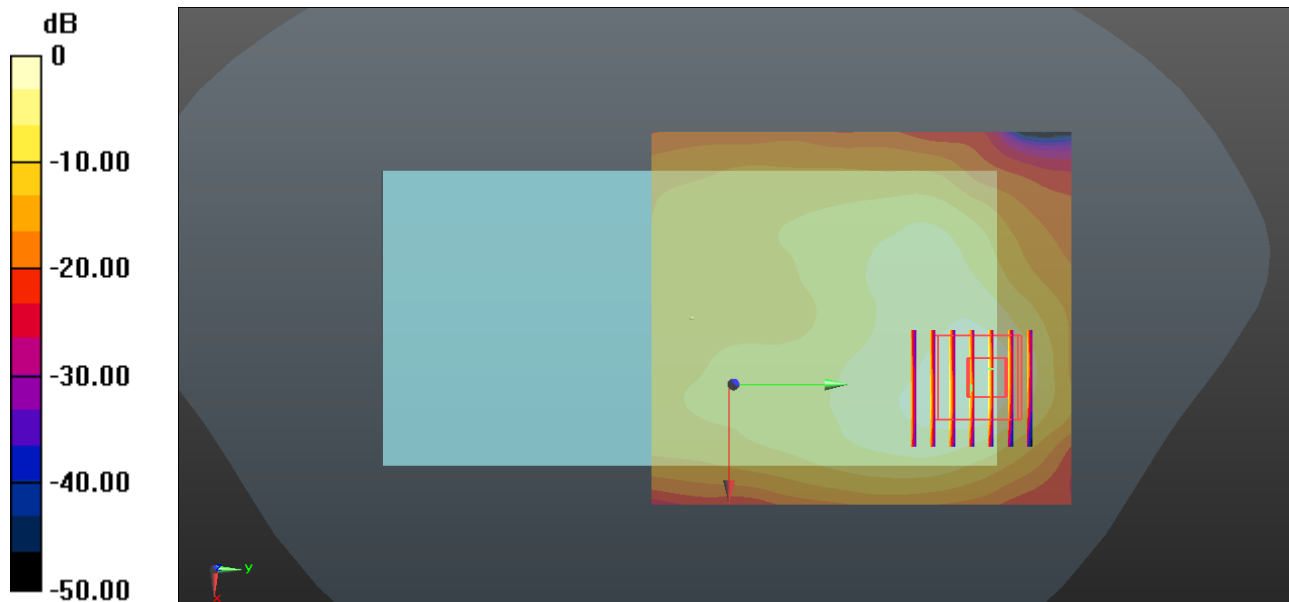
Communication System: UID 0, 802.11b (0); Frequency: 2412 MHz; Duty Cycle: 1:1.015  
Medium: MSL\_2450 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.96$  S/m;  $\epsilon_r = 51.948$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.7 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3954; ConvF(7.53, 7.53, 7.53); Calibrated: 2018.1.31;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2018.4.19
- Phantom: SAM2; Type: SAM; Serial: TP-1842
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7372)

**Ch1/Area Scan (81x91x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 0.727 W/kg

**Ch1/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 18.80 V/m; Power Drift = -0.04 dB  
Peak SAR (extrapolated) = 0.819 W/kg  
**SAR(1 g) = 0.448 W/kg; SAR(10 g) = 0.232 W/kg**  
Maximum value of SAR (measured) = 0.686 W/kg



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



**25\_Bluetooth\_DH5 1Mbps\_Back\_5mm\_Ant 1\_Ch39**

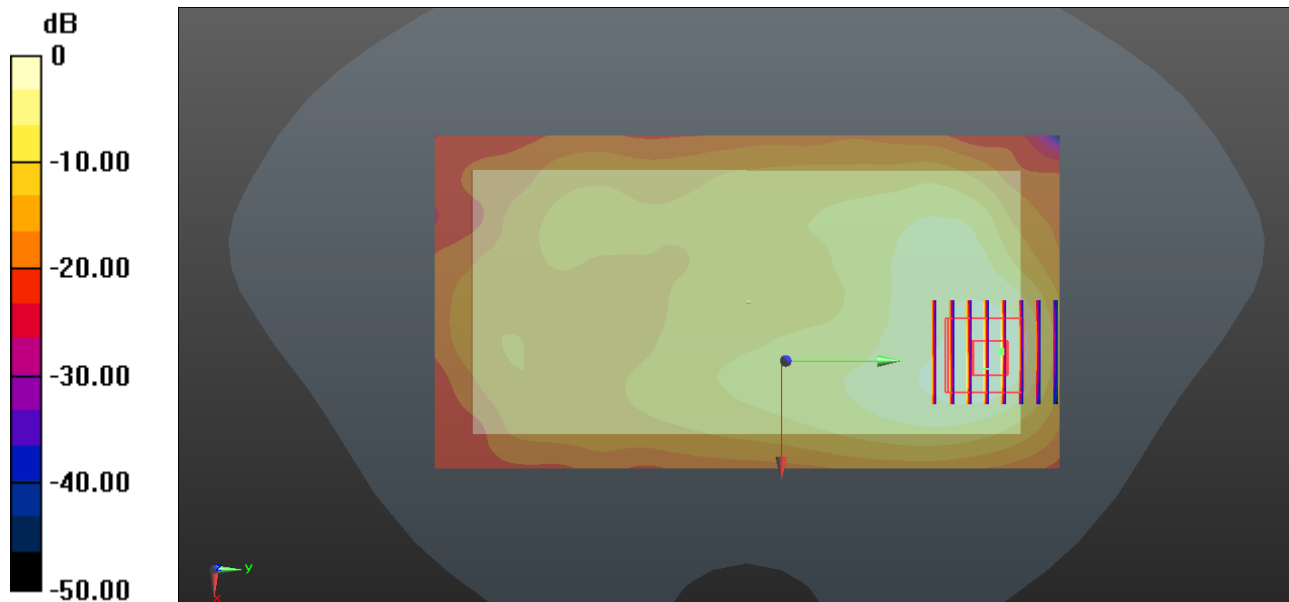
Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz; Duty Cycle: 1:1.297  
 Medium: MSL\_2450 Medium parameters used:  $f = 2441$  MHz;  $\sigma = 1.996$  S/m;  $\epsilon_r = 51.837$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.7 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3954; ConvF(7.53, 7.53, 7.53); Calibrated: 2018.1.31;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2018.4.19
- Phantom: SAM2; Type: SAM; Serial: TP-1842
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7372)

**Ch39/Area Scan (81x151x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
 Maximum value of SAR (interpolated) = 0.195 W/kg

**Ch39/Zoom Scan (7x8x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
 Reference Value = 10.94 V/m; Power Drift = -0.05 dB  
 Peak SAR (extrapolated) = 0.295 W/kg  
**SAR(1 g) = 0.137 W/kg; SAR(10 g) = 0.066 W/kg**  
 Maximum value of SAR (measured) = 0.204 W/kg



0 dB = 0.195 W/kg = -7.10 dBW/kg

### 26\_WLAN5.2GHz\_802.11n-HT40 MCS0\_Back\_5mm\_Ch46

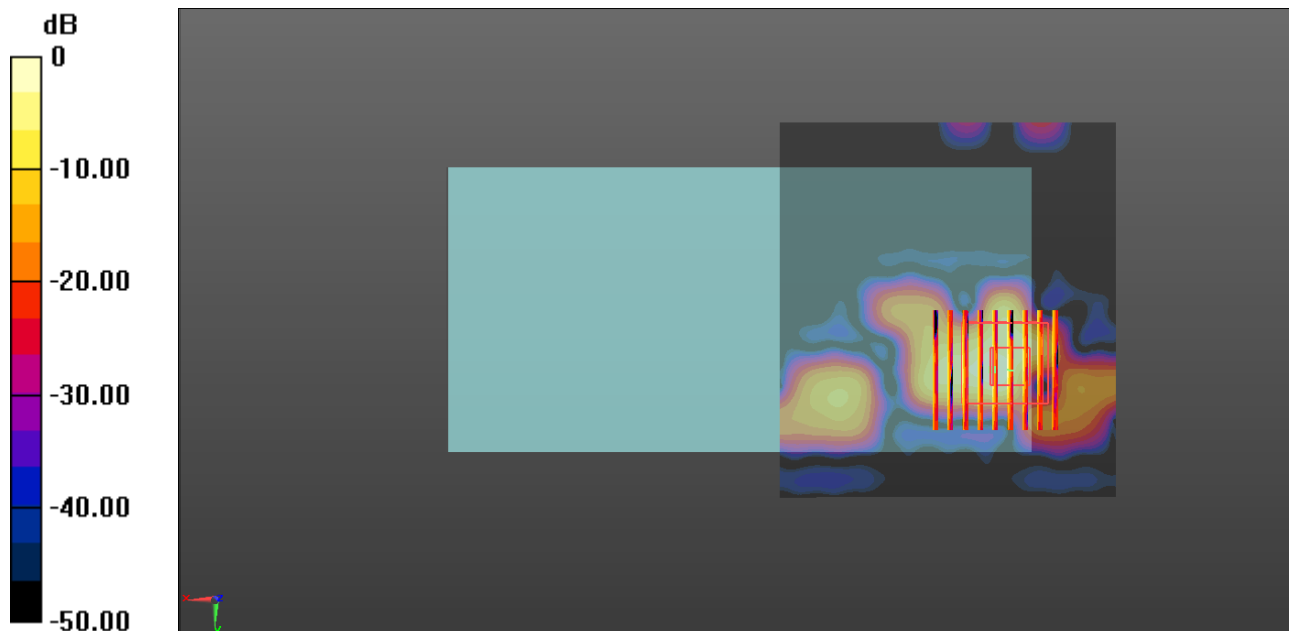
Communication System: UID 0, WIFI (0); Frequency: 5230 MHz; Duty Cycle: 1:1.163  
Medium: MSL\_5000 Medium parameters used:  $f = 5230$  MHz;  $\sigma = 5.524$  S/m;  $\epsilon_r = 47.351$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.8 °C

#### 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 Sn1210; Calibrated: 2018.5.28
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7372)

**Ch46/Area Scan (101x91x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 1.77 W/kg

**Ch46/Zoom Scan (9x9x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm  
Reference Value = 16.91 V/m; Power Drift = 0.18 dB  
Peak SAR (extrapolated) = 2.96 W/kg  
**SAR(1 g) = 0.649 W/kg; SAR(10 g) = 0.185 W/kg**  
Maximum value of SAR (measured) = 1.72 W/kg



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

### 27\_WLAN5.8GHz\_802.11n-HT40 MCS0\_Back\_5mm\_Ch151

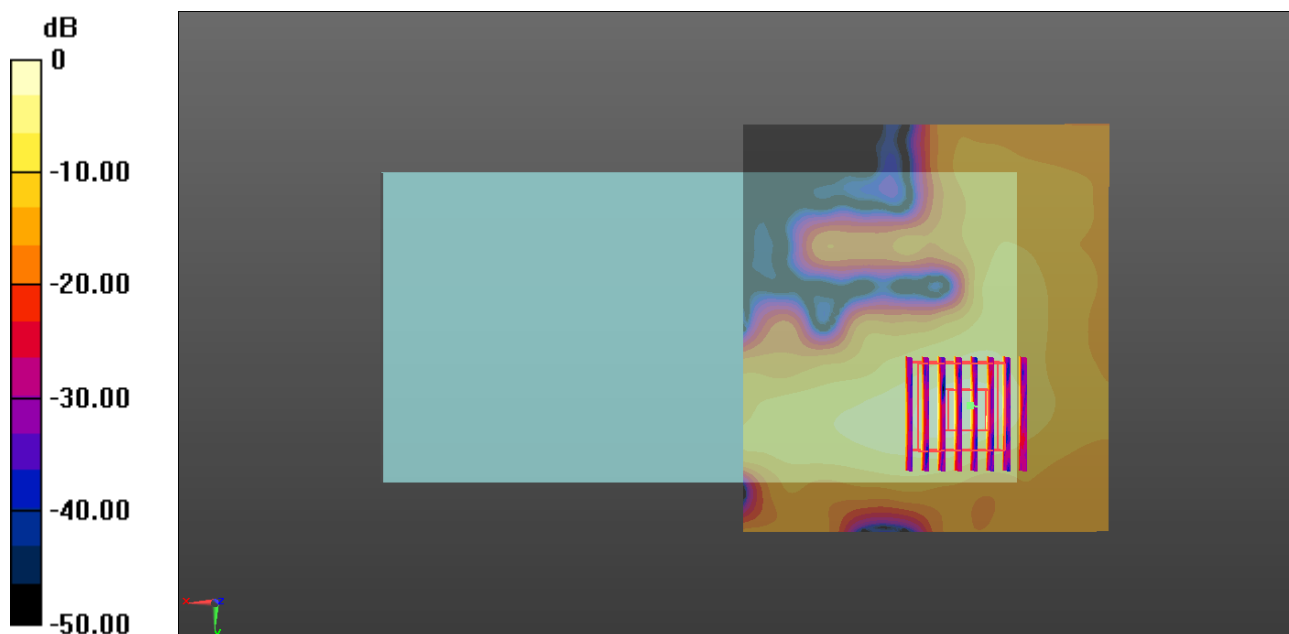
Communication System: UID 0, WIFI (0); Frequency: 5755 MHz; Duty Cycle: 1:1.163  
Medium: MSL\_5000 Medium parameters used:  $f = 5755$  MHz;  $\sigma = 6.229$  S/m;  $\epsilon_r = 46.458$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.8 °C

#### 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 Sn1210; Calibrated: 2018.5.28
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7372)

**Ch151/Area Scan (101x91x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 0.906 W/kg

**Ch151/Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm  
Reference Value = 20.43 V/m; Power Drift = -0.01 dB  
Peak SAR (extrapolated) = 3.53 W/kg  
**SAR(1 g) = 0.683 W/kg; SAR(10 g) = 0.190 W/kg**  
Maximum value of SAR (measured) = 1.95 W/kg



0 dB = 0.906 W/kg = -0.43 dBW/kg

### 28\_GSM850\_GPRS (4Tx slots)\_Back\_5mm\_Ch189

Communication System: UID 0, GPRS/EDGE (4 Tx slots) (0); Frequency: 836.4 MHz; Duty Cycle: 1:2.08

Medium: MSL\_850 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.985$  S/m;  $\epsilon_r = 54.249$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.8 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(9.49, 9.49, 9.49); Calibrated: 2018.5.31;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2018.5.28
- Phantom: SAM1; Type: SAM; Serial: TP-1697
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7372)

**Ch189/Area Scan (61x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.89 W/kg

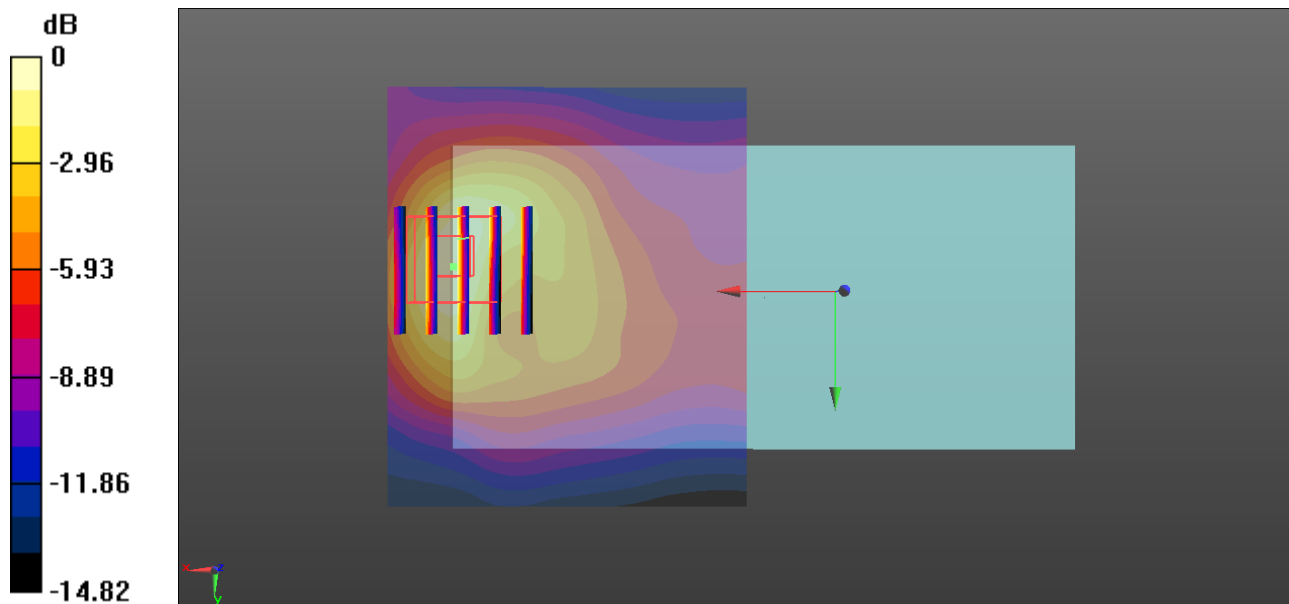
**Ch189/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 44.63 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 2.14 W/kg

**SAR(1 g) = 1.21 W/kg; SAR(10 g) = 0.711 W/kg**

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



0 dB = 1.89 W/kg = 2.76 dBW/kg

### 29\_GSM1900\_GPRS ( 4 Tx slots)\_Back\_5mm\_Ch661

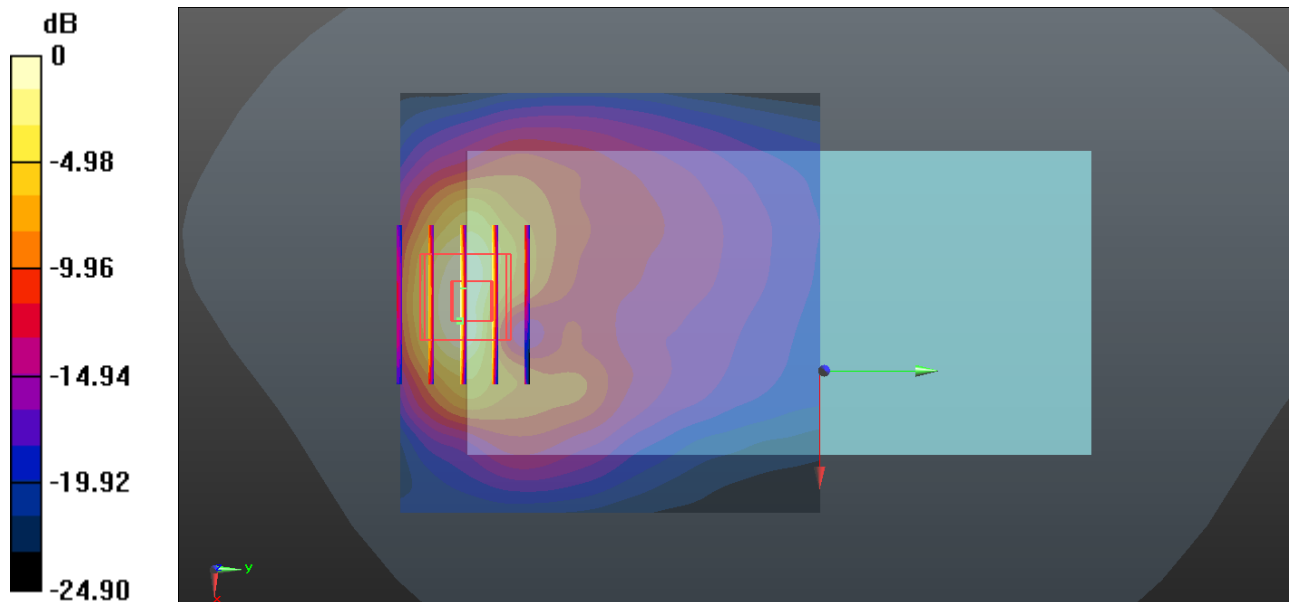
Communication System: UID 0, PCS (0); Frequency: 1880 MHz; Duty Cycle: 1:2.08  
Medium: MSL\_1900 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.514$  S/m;  $\epsilon_r = 53.87$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.8 °C

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3088; ConvF(4.71, 4.71, 4.71); Calibrated: 2018.7.19;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1305; Calibrated: 2018.5.11
- Phantom: SAM1; Type: SAM; Serial: TP-1842
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7372)

**Ch661/Area Scan (71x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 1.42 W/kg

**Ch661/Zoom Scan (6x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 32.20 V/m; Power Drift = -0.02 dB  
Peak SAR (extrapolated) = 2.57 W/kg  
**SAR(1 g) = 1.3 W/kg; SAR(10 g) = 0.599 W/kg**  
Maximum value of SAR (measured) = 1.49 W/kg



0 dB = 1.42 W/kg = 1.52 dBW/kg

### 30\_WCDMA Band V\_RMC 12.2Kbps\_Back\_5mm\_Ch4182

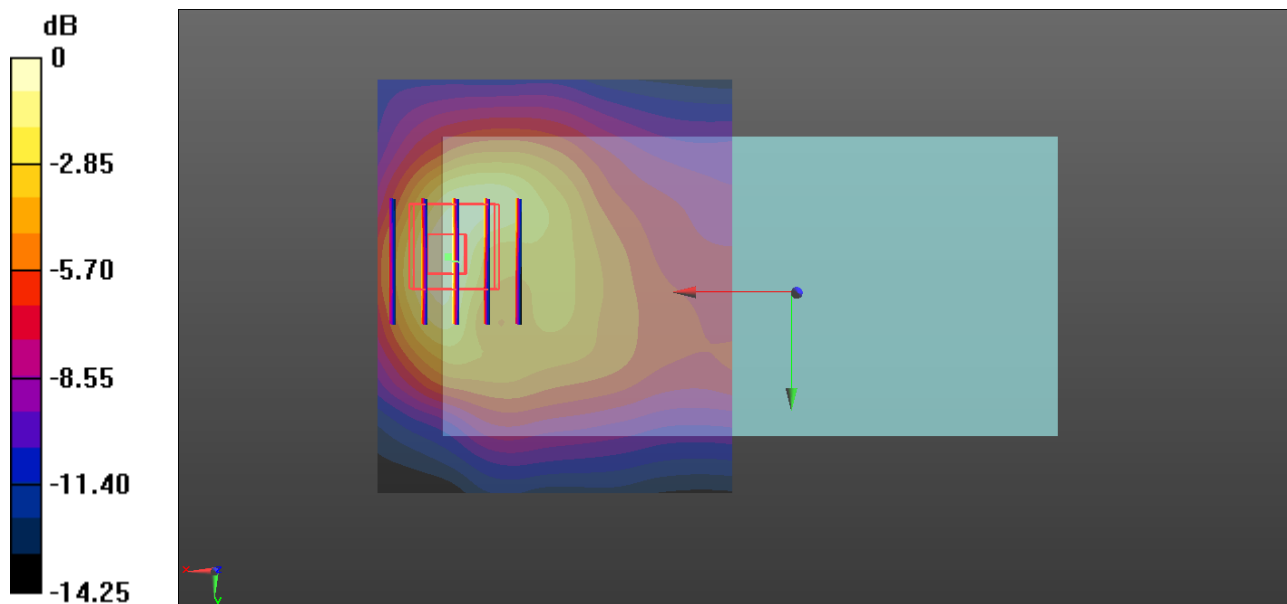
Communication System: UID 0, UMTS (0); Frequency: 836.4 MHz; Duty Cycle: 1:1  
Medium: MSL\_850 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.985$  S/m;  $\epsilon_r = 54.249$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.8 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(9.49, 9.49, 9.49); Calibrated: 2018.5.31;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2018.5.28
- Phantom: SAM1; Type: SAM; Serial: TP-1697
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7372)

**Ch4182/Area Scan (61x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 1.80 W/kg

**Ch4182/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 44.94 V/m; Power Drift = 0.01 dB  
Peak SAR (extrapolated) = 2.12 W/kg  
**SAR(1 g) = 1.22 W/kg; SAR(10 g) = 0.725 W/kg**  
Maximum value of SAR (measured) = 1.79 W/kg



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

### 31\_WCDMA Band II\_RMC 12.2Kbps\_Back\_5mm\_Ch9538

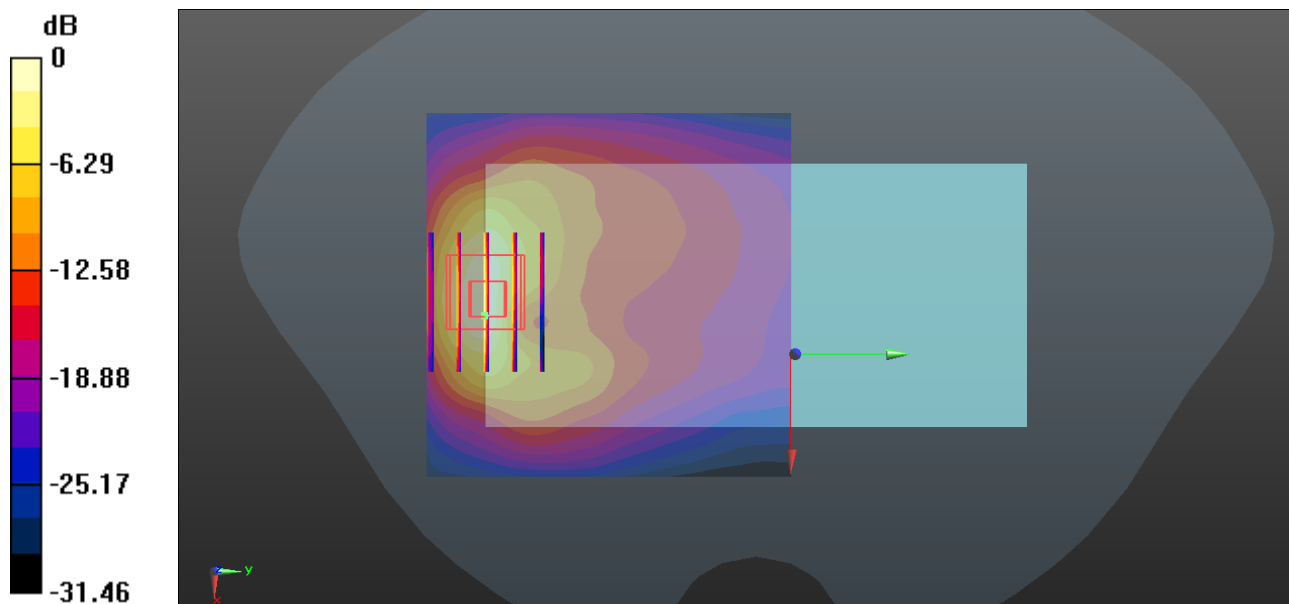
Communication System: UID 0, WCDMA (0); Frequency: 1907.6 MHz; Duty Cycle: 1:1  
Medium: MSL\_1900 Medium parameters used:  $f = 1907.6$  MHz;  $\sigma = 1.546$  S/m;  $\epsilon_r = 53.786$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.8 °C

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3088; ConvF(4.71, 4.71, 4.71); Calibrated: 2018.7.19;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1305; Calibrated: 2018.5.11
- Phantom: SAM1; Type: SAM; Serial: TP-1842
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7372)

**Ch9538/Area Scan (71x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 1.87 W/kg

**Ch9538/Zoom Scan (6x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 38.74 V/m; Power Drift = -0.03 dB  
Peak SAR (extrapolated) = 2.86 W/kg  
**SAR(1 g) = 1.38 W/kg; SAR(10 g) = 0.636 W/kg**  
Maximum value of SAR (measured) = 1.89 W/kg



0 dB = 1.87 W/kg = 2.72 dBW/kg

### 32\_LTE Band 26\_15M\_QPSK\_1RB\_37Offset\_Back\_5mm\_Ch26865

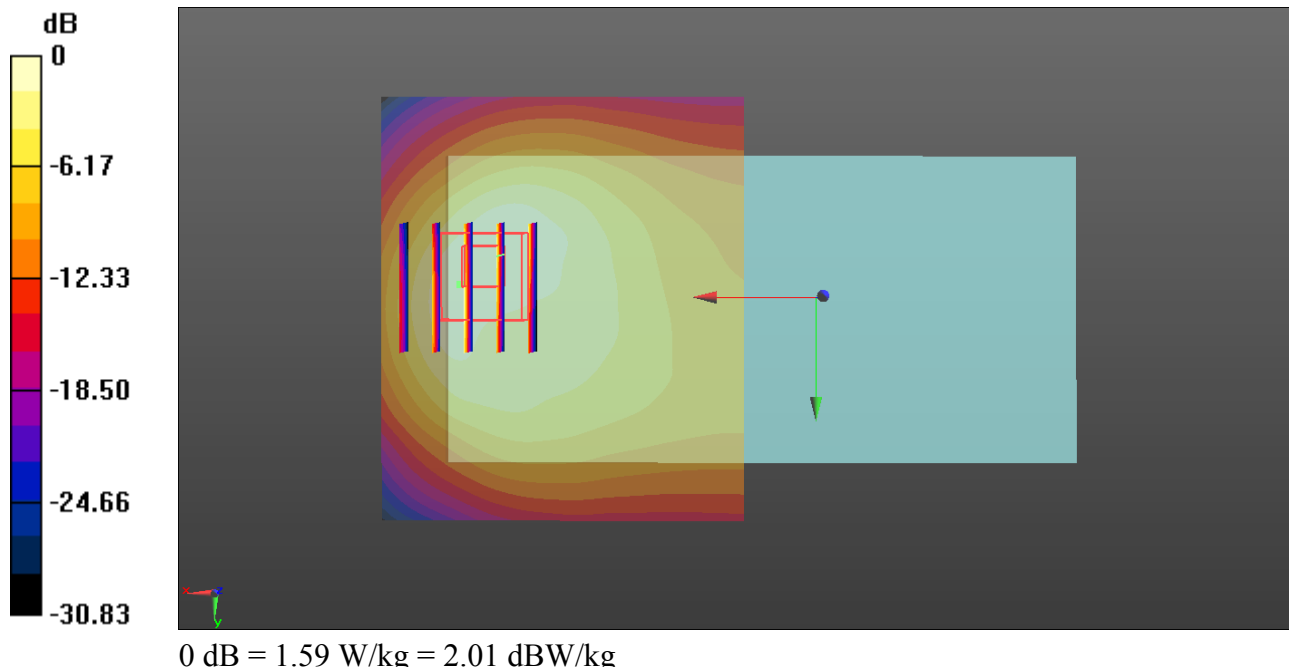
Communication System: UID 0, FDD\_LTE (0); Frequency: 831.5 MHz; Duty Cycle: 1:1  
Medium: MSL\_850 Medium parameters used:  $f = 831.5$  MHz;  $\sigma = 0.98$  S/m;  $\epsilon_r = 54.299$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.8 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(9.49, 9.49, 9.49); Calibrated: 2018.5.31;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2018.5.28
- Phantom: SAM1; Type: SAM; Serial: TP-1697
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7372)

**Ch26865/Area Scan (61x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 1.59 W/kg

**Ch26865/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 44.73 V/m; Power Drift = -0.11 dB  
Peak SAR (extrapolated) = 2.46 W/kg  
**SAR(1 g) = 1.2 W/kg; SAR(10 g) = 0.656 W/kg**  
Maximum value of SAR (measured) = 1.96 W/kg





### 33\_LTE Band 4\_20M\_QPSK\_1RB\_99Offset\_Back\_5mm\_Ch20175

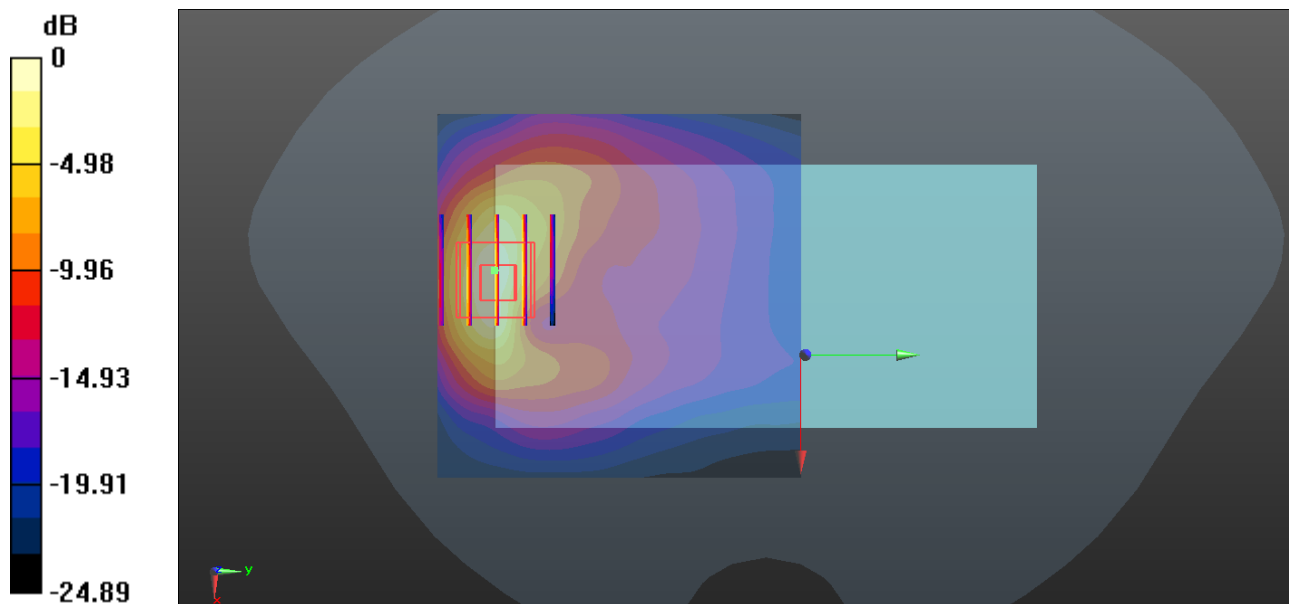
Communication System: UID 0, LTE-FDD (0); Frequency: 1732.5 MHz; Duty Cycle: 1:1  
Medium: MSL\_1750 Medium parameters used:  $f = 1732.5$  MHz;  $\sigma = 1.47$  S/m;  $\epsilon_r = 54.126$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.6 °C

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3088; ConvF(4.82, 4.82, 4.82); Calibrated: 2018.7.19;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1305; Calibrated: 2018.5.11
- Phantom: SAM1; Type: SAM; Serial: TP-1842
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7372)

**Ch20175/Area Scan (71x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 1.18 W/kg

**Ch20175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 29.65 V/m; Power Drift = 0.02 dB  
Peak SAR (extrapolated) = 1.93 W/kg  
**SAR(1 g) = 1.02 W/kg; SAR(10 g) = 0.491 W/kg**  
Maximum value of SAR (measured) = 1.22 W/kg



0 dB = 1.18 W/kg = 0.72 dBW/kg

### 34\_LTE Band 2\_20M\_QPSK\_1RB\_0Offset\_Back\_5mm\_Ch19100

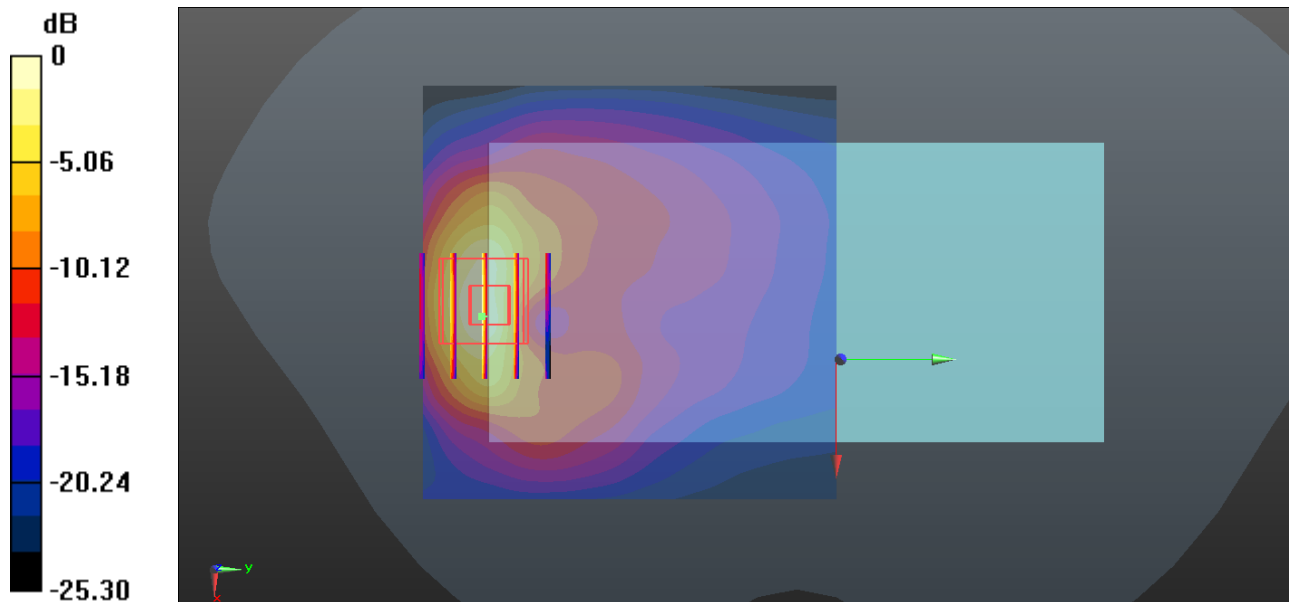
Communication System: UID 0, LTE-FDD (0); Frequency: 1900 MHz; Duty Cycle: 1:1  
Medium: MSL\_1900 Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.537$  S/m;  $\epsilon_r = 53.815$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.8 °C

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3088; ConvF(4.71, 4.71, 4.71); Calibrated: 2018.7.19;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1305; Calibrated: 2018.5.11
- Phantom: SAM1; Type: SAM; Serial: TP-1842
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7372)

**Ch19100/Area Scan (71x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 1.52 W/kg

**Ch19100/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 32.31 V/m; Power Drift = 0.04 dB  
Peak SAR (extrapolated) = 2.42 W/kg  
**SAR(1 g) = 1.22 W/kg; SAR(10 g) = 0.556 W/kg**  
Maximum value of SAR (measured) = 1.51 W/kg



0 dB = 1.52 W/kg = 1.82 dBW/kg

### 35\_LTE Band 7\_20M\_QPSK\_100RB\_0Offset\_Back\_5mm\_Ch20850

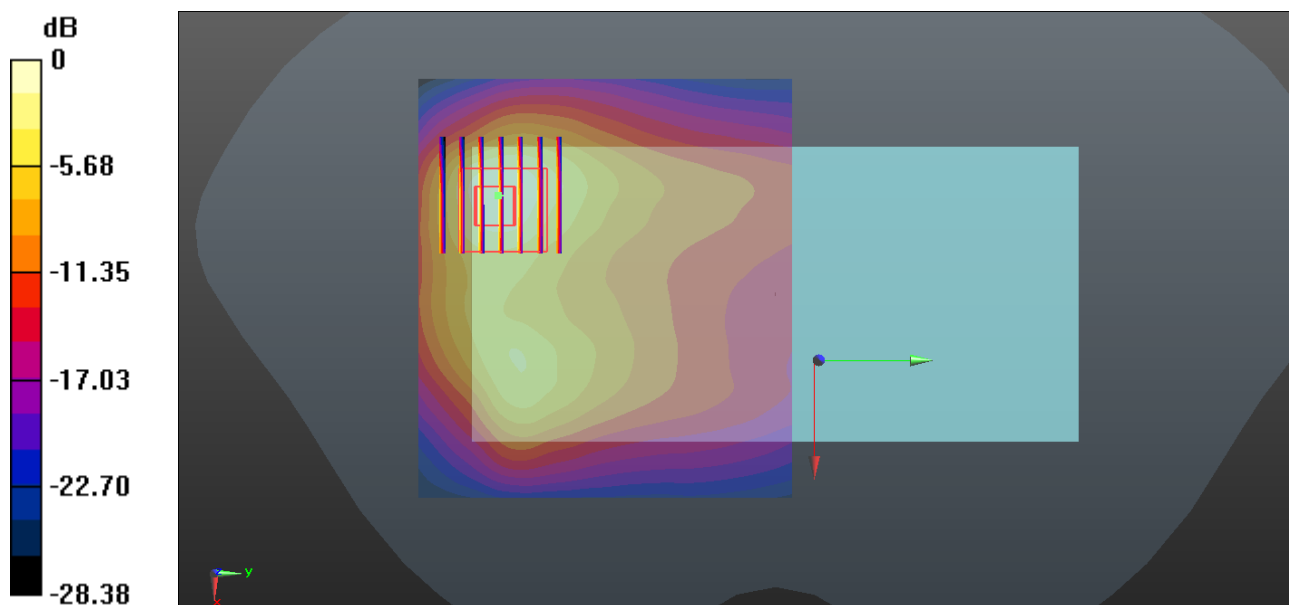
Communication System: UID 0, LTE-FDD (0); Frequency: 2510 MHz; Duty Cycle: 1:1  
Medium: MSL\_2600 Medium parameters used:  $f = 2510$  MHz;  $\sigma = 2.094$  S/m;  $\epsilon_r = 51.571$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.7 °C

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3088; ConvF(4.41, 4.41, 4.41); Calibrated: 2018.7.19;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1305; Calibrated: 2018.5.11
- Phantom: SAM2; Type: SAM; Serial: TP-1842
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7372)

**Ch20850/Area Scan (91x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 1.95 W/kg

**Ch20850/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 31.18 V/m; Power Drift = -0.09 dB  
Peak SAR (extrapolated) = 2.95 W/kg  
**SAR(1 g) = 1.3 W/kg; SAR(10 g) = 0.583 W/kg**  
Maximum value of SAR (measured) = 1.69 W/kg



0 dB = 1.95 W/kg = 2.90 dBW/kg

**36\_LTE Band 41\_20M\_QPSK\_50RB\_50Offset\_Back\_5mm\_Ch41140**

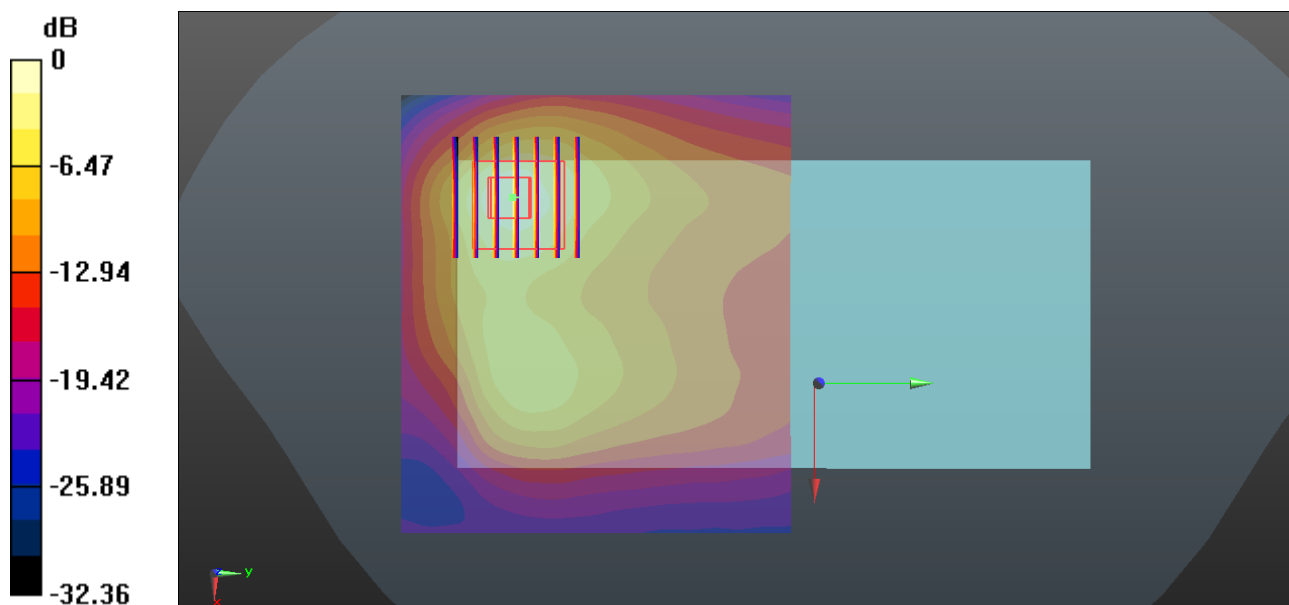
Communication System: UID 0, LTE-TDD (0); Frequency: 2645 MHz; Duty Cycle: 1:1.59  
 Medium: MSL\_2600 Medium parameters used:  $f = 2645$  MHz;  $\sigma = 2.287$  S/m;  $\epsilon_r = 51.047$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.7 °C

**DASY5 Configuration:**

- Probe: ES3DV3 - SN3088; ConvF(4.41, 4.41, 4.41); Calibrated: 2018.7.19;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1305; Calibrated: 2018.5.11
- Phantom: SAM2; Type: SAM; Serial: TP-1842
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7372)

**Ch41140/Area Scan (91x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
 Maximum value of SAR (interpolated) = 1.80 W/kg

**Ch41140/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
 Reference Value = 27.31 V/m; Power Drift = -0.00 dB  
 Peak SAR (extrapolated) = 2.85 W/kg  
**SAR(1 g) = 1.2 W/kg; SAR(10 g) = 0.522 W/kg**  
 Maximum value of SAR (measured) = 1.60 W/kg



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

### 37\_WLAN2.4GHz\_802.11b 1Mbps\_Back\_5mm\_Ant 1\_Ch1

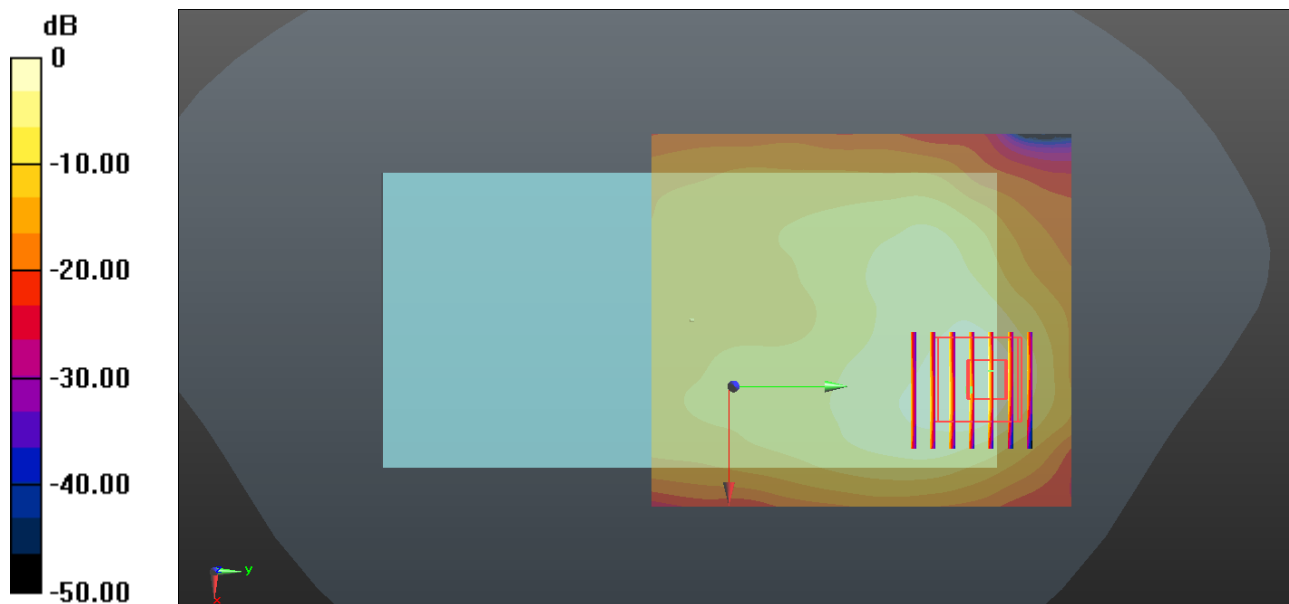
Communication System: UID 0, 802.11b (0); Frequency: 2412 MHz; Duty Cycle: 1:1.015  
Medium: MSL\_2450 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.96$  S/m;  $\epsilon_r = 51.948$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.7 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3954; ConvF(7.53, 7.53, 7.53); Calibrated: 2018.1.31;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2018.4.19
- Phantom: SAM2; Type: SAM; Serial: TP-1842
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7372)

**Ch1/Area Scan (81x91x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 0.727 W/kg

**Ch1/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 18.80 V/m; Power Drift = -0.04 dB  
Peak SAR (extrapolated) = 0.819 W/kg  
**SAR(1 g) = 0.448 W/kg; SAR(10 g) = 0.232 W/kg**  
Maximum value of SAR (measured) = 0.686 W/kg



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

### 38\_Bluetooth\_DH5 1Mbps\_Back\_5mm\_Ant 1\_Ch39

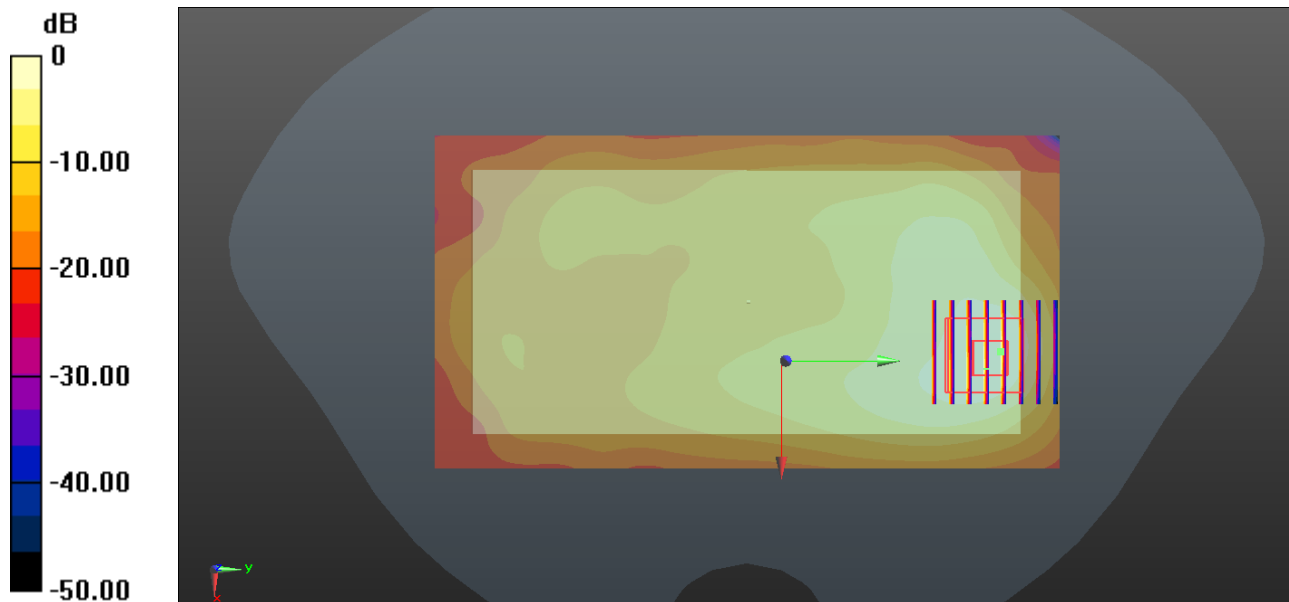
Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz; Duty Cycle: 1:1.297  
Medium: MSL\_2450 Medium parameters used:  $f = 2441$  MHz;  $\sigma = 1.996$  S/m;  $\epsilon_r = 51.837$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.7 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3954; ConvF(7.53, 7.53, 7.53); Calibrated: 2018.1.31;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1358; Calibrated: 2018.4.19
- Phantom: SAM2; Type: SAM; Serial: TP-1842
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7372)

**Ch39/Area Scan (81x151x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 0.195 W/kg

**Ch39/Zoom Scan (7x8x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 10.94 V/m; Power Drift = -0.05 dB  
Peak SAR (extrapolated) = 0.295 W/kg  
**SAR(1 g) = 0.137 W/kg; SAR(10 g) = 0.066 W/kg**  
Maximum value of SAR (measured) = 0.204 W/kg



0 dB = 0.195 W/kg = -7.10 dBW/kg

### 39\_WLAN5.3GHz\_802.11n-HT40 MCS0\_Back\_5mm\_Ch62

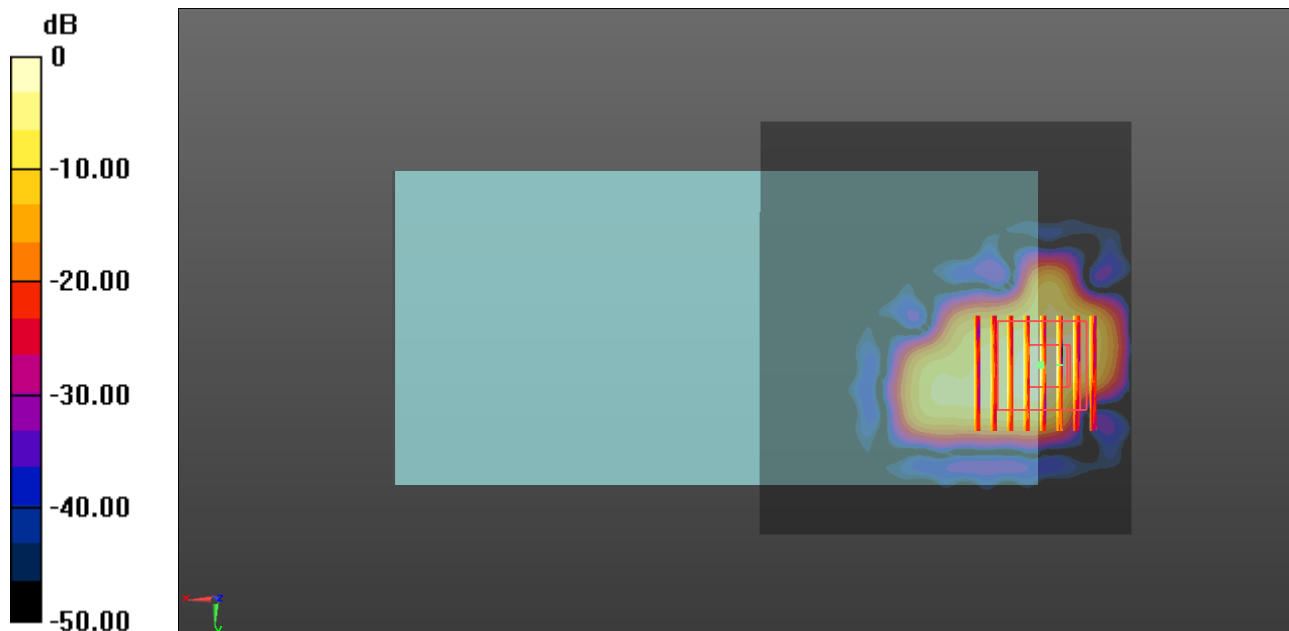
Communication System: UID 0, WIFI (0); Frequency: 5310 MHz; Duty Cycle: 1:1.163  
Medium: MSL\_5000 Medium parameters used:  $f = 5310$  MHz;  $\sigma = 5.624$  S/m;  $\epsilon_r = 47.221$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.8 °C

#### 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 Sn1210; Calibrated: 2018.5.28
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7372)

**Ch62/Area Scan (101x91x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 1.35 W/kg

**Ch62/Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm  
Reference Value = 20.22 V/m; Power Drift = 0.02 dB  
Peak SAR (extrapolated) = 3.35 W/kg  
**SAR(1 g) = 0.706 W/kg; SAR(10 g) = 0.203 W/kg**  
Maximum value of SAR (measured) = 1.91 W/kg



0 dB = 1.35 W/kg = 1.30 dBW/kg

### 40\_WLAN5.5GHz\_802.11n-HT40 MCS0\_Back\_5mm\_Ch102

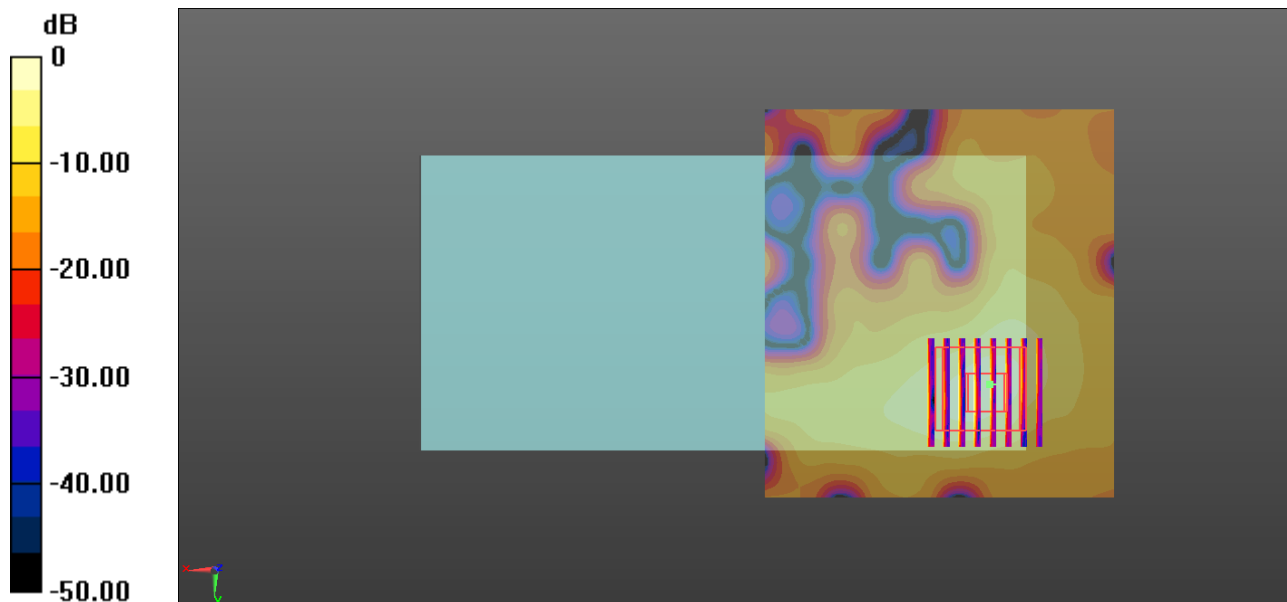
Communication System: UID 0, WIFI (0); Frequency: 5510 MHz; Duty Cycle: 1:1.163  
Medium: MSL\_5000 Medium parameters used:  $f = 5510$  MHz;  $\sigma = 5.885$  S/m;  $\epsilon_r = 46.881$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.8 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(3.76, 3.76, 3.76); Calibrated: 2018.5.31;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2018.5.28
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7372)

**Ch102/Area Scan (101x91x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 1.11 W/kg

**Ch102/Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm  
Reference Value = 21.33 V/m; Power Drift = 0.02 dB  
Peak SAR (extrapolated) = 3.94 W/kg  
**SAR(1 g) = 0.760 W/kg; SAR(10 g) = 0.212 W/kg**  
Maximum value of SAR (measured) = 2.05 W/kg



0 dB = 1.11 W/kg = 0.45 dBW/kg



### 41\_WLAN5.8GHz\_802.11n-HT40 MCS0\_Back\_5mm\_Ch151

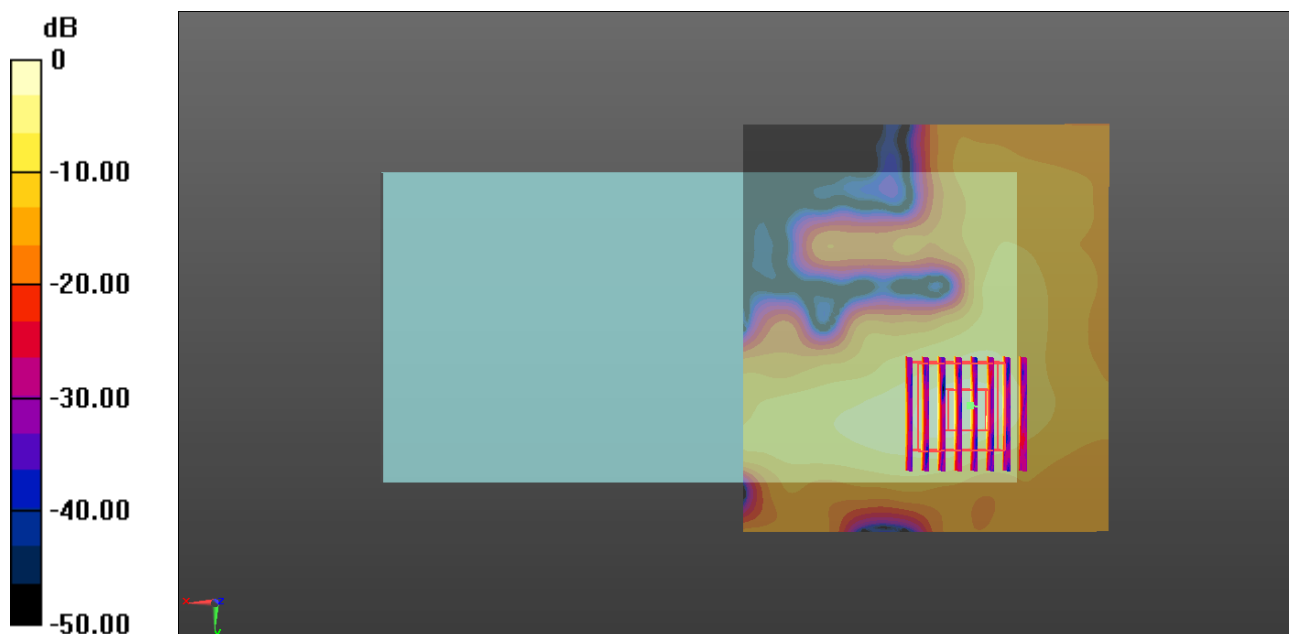
Communication System: UID 0, WIFI (0); Frequency: 5755 MHz; Duty Cycle: 1:1.163  
Medium: MSL\_5000 Medium parameters used:  $f = 5755$  MHz;  $\sigma = 6.229$  S/m;  $\epsilon_r = 46.458$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.8 °C

#### 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 Sn1210; Calibrated: 2018.5.28
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7372)

**Ch151/Area Scan (101x91x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 0.906 W/kg

**Ch151/Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm  
Reference Value = 20.43 V/m; Power Drift = 0.01 dB  
Peak SAR (extrapolated) = 3.53 W/kg  
**SAR(1 g) = 0.683 W/kg; SAR(10 g) = 0.190 W/kg**  
Maximum value of SAR (measured) = 1.95 W/kg



0 dB = 0.906 W/kg = -0.43 dBW/kg

**42\_GSM850\_GPRS (4Tx slots)\_Back\_0mm\_Ch128**

Communication System: UID 0, GPRS/EDGE (4 Tx slots) (0); Frequency: 824.2 MHz; Duty Cycle: 1:2.08

Medium: MSL\_850 Medium parameters used:  $f = 824.2$  MHz;  $\sigma = 0.914$  S/m;  $\epsilon_r = 54.606$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.8 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3857; ConvF(9.49, 9.49, 9.49); Calibrated: 2018.5.31;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2018.5.28
- Phantom: SAM1; Type: SAM; Serial: TP-1697
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7372)

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

Maximum value of SAR (interpolated) = 3.41 W/kg

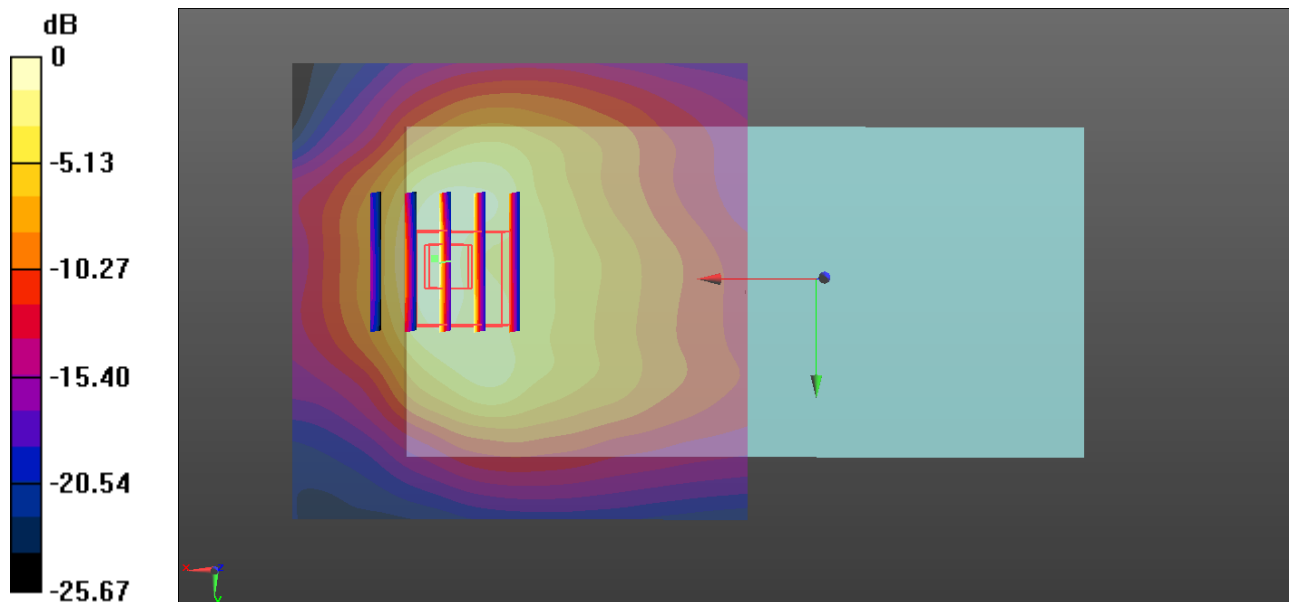
**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 65.20 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 5.18 W/kg

**SAR(1 g) = 2.71 W/kg; SAR(10 g) = 1.54 W/kg**

Maximum value of SAR (measured) = 4.33 W/kg



0 dB = 3.41 W/kg = 5.33 dBW/kg

### 43\_GSM1900\_GPRS ( 4 Tx slots)\_Back\_0mm\_Ch512

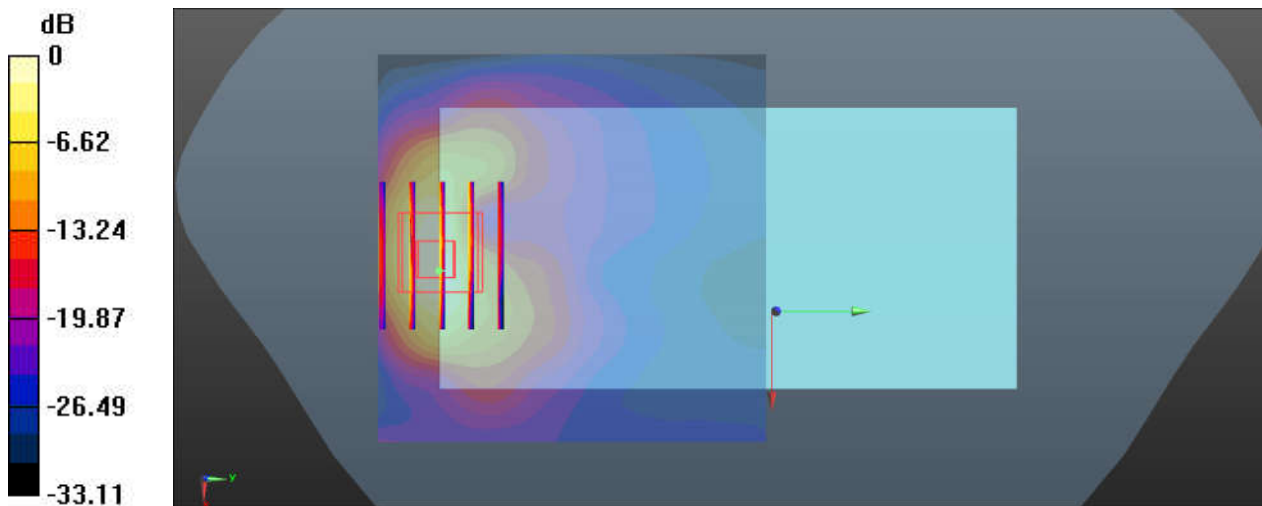
Communication System: UID 0, PCS (0); Frequency: 1850.2 MHz;Duty Cycle: 1:2.08  
Medium: MSL\_1900 Medium parameters used:  $f = 1850.2$  MHz;  $\sigma = 1.482$  S/m;  $\epsilon_r = 53.974$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.8 °C

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3088; ConvF(4.71, 4.71, 4.71); Calibrated: 2018.7.19;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1305; Calibrated: 2018.5.11
- Phantom: SAM1; Type: SAM; Serial: TP-1842
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.11 (7439)

**Ch512/Area Scan (71x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 9.33 W/kg

**Ch512/Zoom Scan (6x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 84.84 V/m; Power Drift = 0.04 dB  
Peak SAR (extrapolated) = 13.5 W/kg  
**SAR(1 g) = 6.81 W/kg; SAR(10 g) = 2.84 W/kg**  
Maximum value of SAR (measured) = 9.89 W/kg



0 dB = 9.33 W/kg = 9.70 dBW/kg

### 44\_WCDMA Band V\_RMC 12.2Kbps\_Back\_0mm\_Ch4182

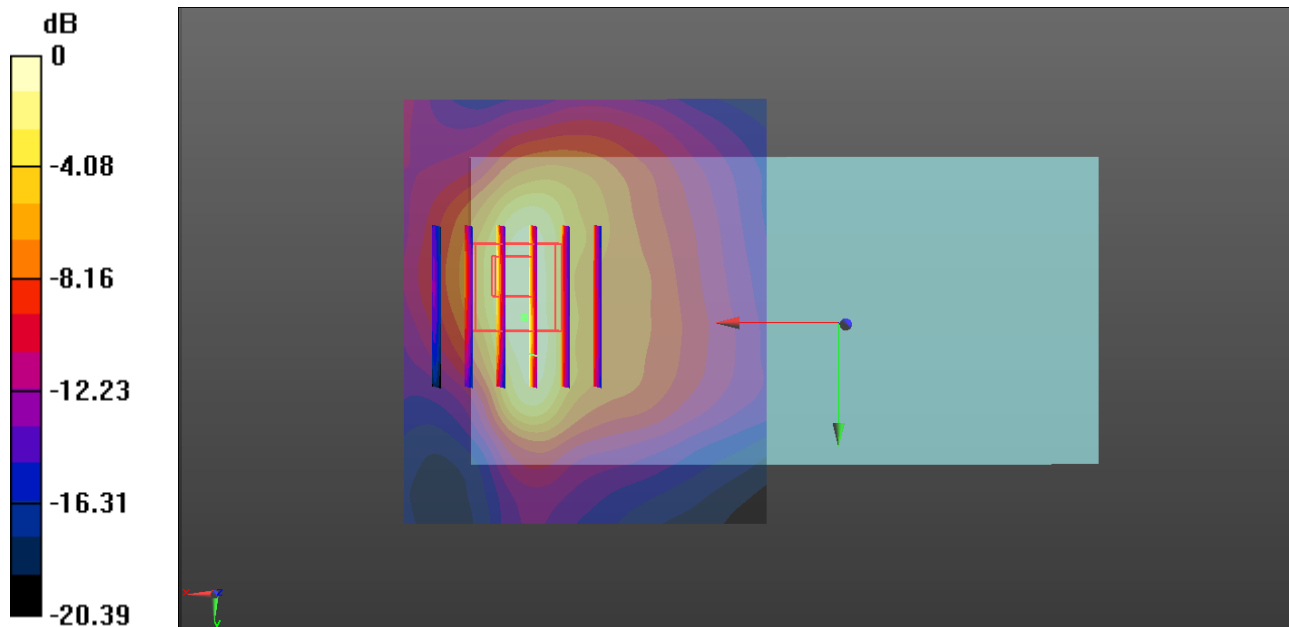
Communication System: UID 0, UMTS (0); Frequency: 836.4 MHz; Duty Cycle: 1:1  
Medium: MSL\_850 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.985$  S/m;  $\epsilon_r = 54.249$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.8 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(9.49, 9.49, 9.49); Calibrated: 2018.5.31;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2018.5.28
- Phantom: SAM1; Type: SAM; Serial: TP-1697
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7372)

**Ch4182/Area Scan (61x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 7.45 W/kg

**Ch4182/Zoom Scan (6x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 85.65 V/m; Power Drift = -0.03 dB  
Peak SAR (extrapolated) = 8.02 W/kg  
**SAR(1 g) = 4 W/kg; SAR(10 g) = 2.26 W/kg**  
Maximum value of SAR (measured) = 6.91 W/kg



0 dB = 7.45 W/kg = 8.72 dBW/kg

### 45\_WCDMA Band II\_RMC 12.2Kbps\_Back\_0mm\_Ch9400

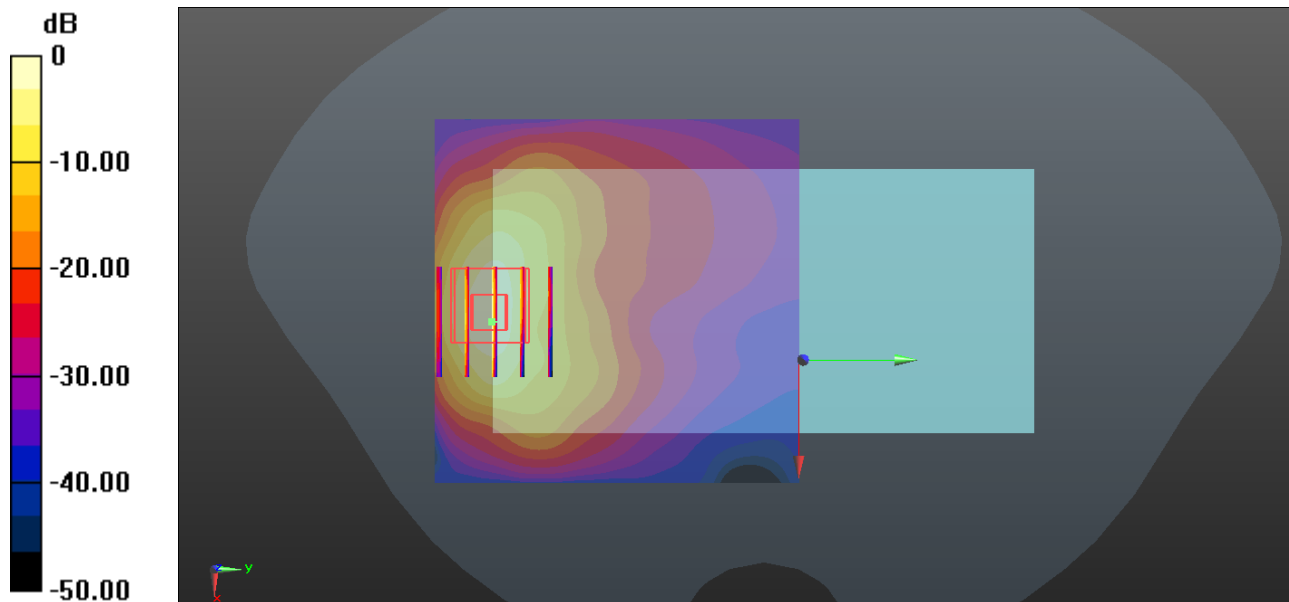
Communication System: UID 0, WCDMA (0); Frequency: 1880 MHz; Duty Cycle: 1:1  
Medium: MSL\_1900 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.514$  S/m;  $\epsilon_r = 53.87$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.8 °C

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3088; ConvF(4.71, 4.71, 4.71); Calibrated: 2018.7.19;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1305; Calibrated: 2018.5.11
- Phantom: SAM1; Type: SAM; Serial: TP-1842
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7372)

**Ch9400/Area Scan (71x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 9.28 W/kg

**Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 80.04 V/m; Power Drift = -0.02 dB  
Peak SAR (extrapolated) = 13.2 W/kg  
**SAR(1 g) = 6.14 W/kg; SAR(10 g) = 2.61 W/kg**  
Maximum value of SAR (measured) = 8.99 W/kg



0 dB = 9.28 W/kg = 9.68 dBW/kg

### 46\_LTE Band 26\_15M\_QPSK\_1RB\_37Offset\_Back\_0mm\_Ch26865

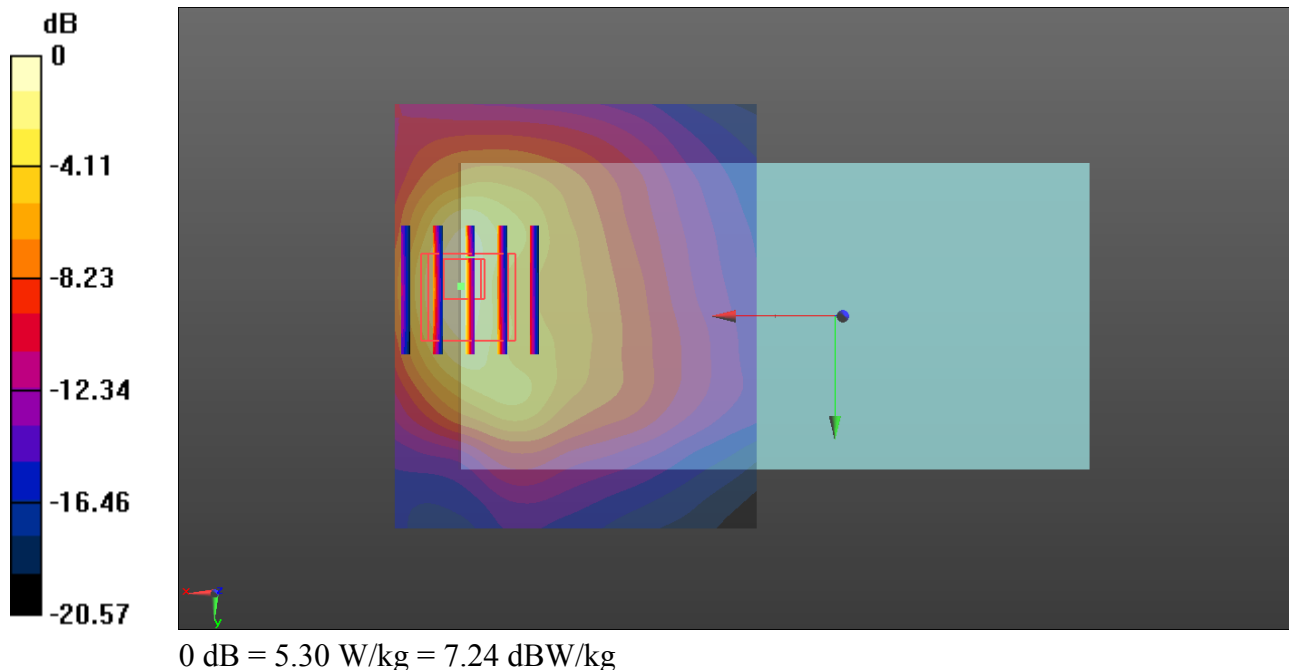
Communication System: UID 0, FDD\_LTE (0); Frequency: 831.5 MHz; Duty Cycle: 1:1  
Medium: MSL\_850 Medium parameters used:  $f = 831.5 \text{ MHz}$ ;  $\sigma = 0.98 \text{ S/m}$ ;  $\epsilon_r = 54.299$ ;  $\rho = 1000 \text{ kg/m}^3$   
Ambient Temperature :  $23.5 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.8 \text{ }^\circ\text{C}$

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(9.49, 9.49, 9.49); Calibrated: 2018.5.31;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2018.5.28
- Phantom: SAM1; Type: SAM; Serial: TP-1697
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7372)

**Ch26865/Area Scan (61x71x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$   
Maximum value of SAR (interpolated) =  $5.30 \text{ W/kg}$

**Ch26865/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$   
Reference Value =  $79.67 \text{ V/m}$ ; Power Drift =  $-0.09 \text{ dB}$   
Peak SAR (extrapolated) =  $7.41 \text{ W/kg}$   
**SAR(1 g) =  $3.59 \text{ W/kg}$ ; SAR(10 g) =  $1.93 \text{ W/kg}$**   
Maximum value of SAR (measured) =  $6.18 \text{ W/kg}$



### 47\_LTE Band 4\_20M\_QPSK\_100RB\_0Offset\_Bottom Side\_0mm\_Ch20175

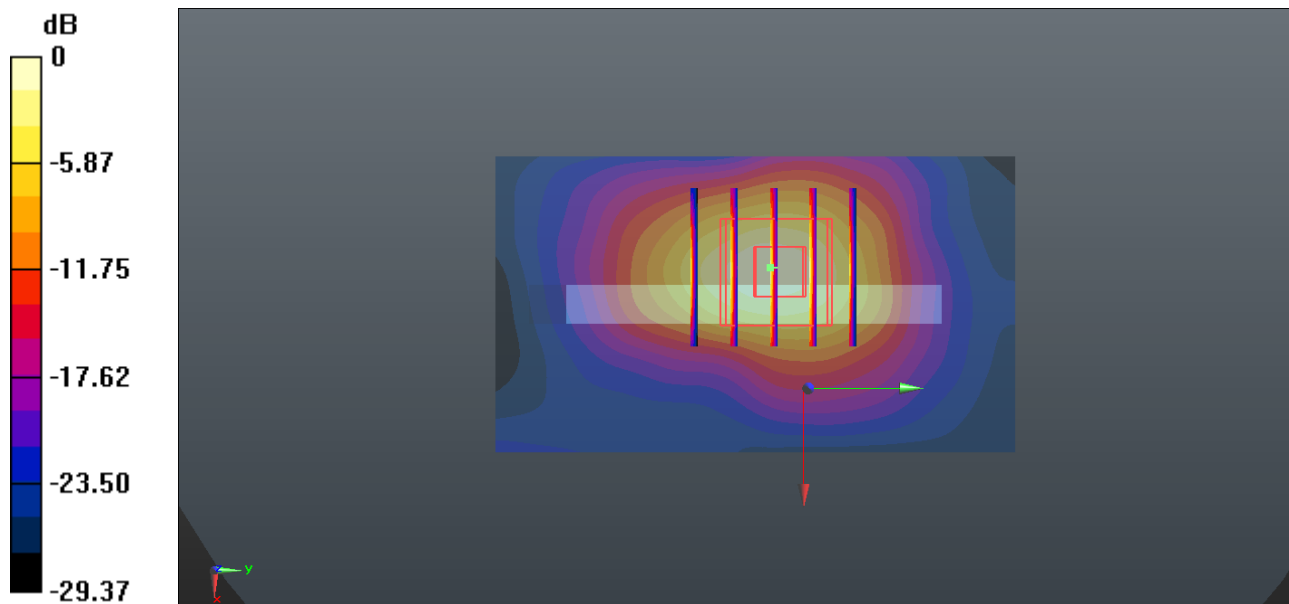
Communication System: UID 0, LTE-FDD (0); Frequency: 1732.5 MHz; Duty Cycle: 1:1  
Medium: MSL\_1750 Medium parameters used:  $f = 1732.5$  MHz;  $\sigma = 1.47$  S/m;  $\epsilon_r = 54.126$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.6 °C

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3088; ConvF(4.82, 4.82, 4.82); Calibrated: 2018.7.19;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1305; Calibrated: 2018.5.11
- Phantom: SAM1; Type: SAM; Serial: TP-1842
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7372)

**Ch20175/Area Scan (41x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 7.56 W/kg

**Ch20175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 73.96 V/m; Power Drift = -0.01 dB  
Peak SAR (extrapolated) = 11.7 W/kg  
**SAR(1 g) = 5.38 W/kg; SAR(10 g) = 2.38 W/kg**  
Maximum value of SAR (measured) = 7.55 W/kg



0 dB = 7.56 W/kg = 8.79 dBW/kg

**48\_LTE Band 2\_20M\_QPSK\_1RB\_0Offset\_Back\_0mm\_Ch18900**

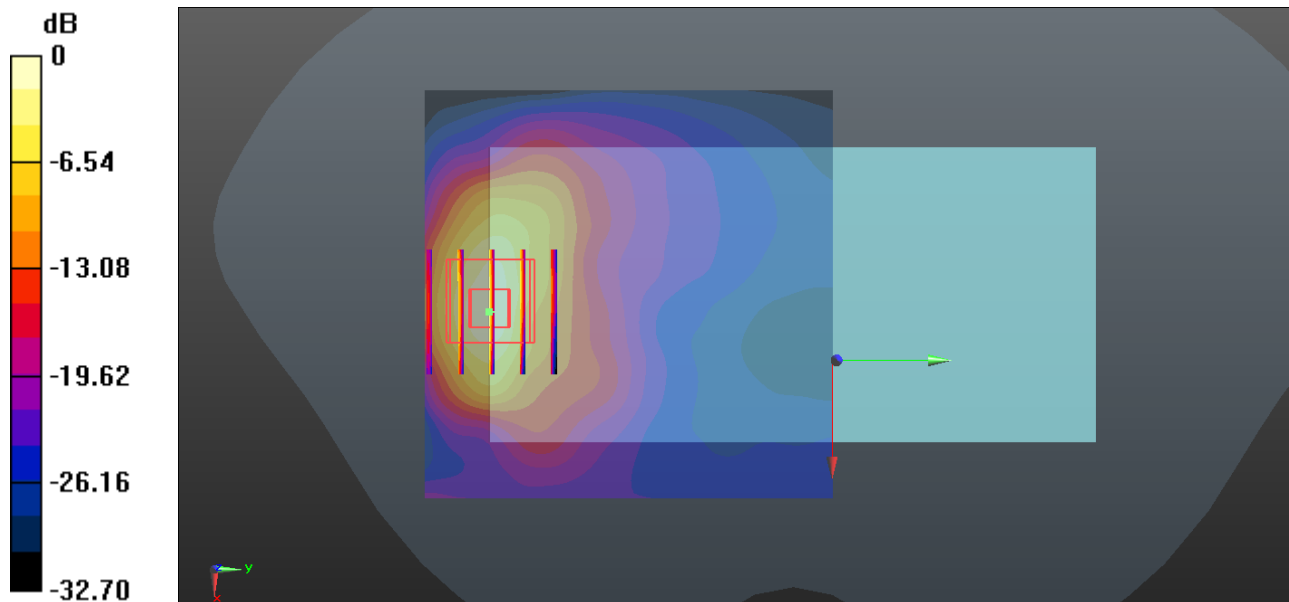
Communication System: UID 0, LTE-FDD (0); Frequency: 1880 MHz; Duty Cycle: 1:1  
 Medium: MSL\_1900 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.514$  S/m;  $\epsilon_r = 53.87$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.8 °C

**DASY5 Configuration:**

- Probe: ES3DV3 - SN3088; ConvF(4.71, 4.71, 4.71); Calibrated: 2018.7.19;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1305; Calibrated: 2018.5.11
- Phantom: SAM1; Type: SAM; Serial: TP-1842
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7372)

**Ch18900/Area Scan (71x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
 Maximum value of SAR (interpolated) = 8.01 W/kg

**Ch18900/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
 Reference Value = 75.54 V/m; Power Drift = -0.06 dB  
 Peak SAR (extrapolated) = 11.9 W/kg  
**SAR(1 g) = 5.48 W/kg; SAR(10 g) = 2.37 W/kg**  
 Maximum value of SAR (measured) = 8.09 W/kg



0 dB = 8.01 W/kg = 9.04 dBW/kg



### 49\_LTE Band 7\_20M\_QPSK\_1RB\_0Offset\_Back\_0mm\_Ch211100

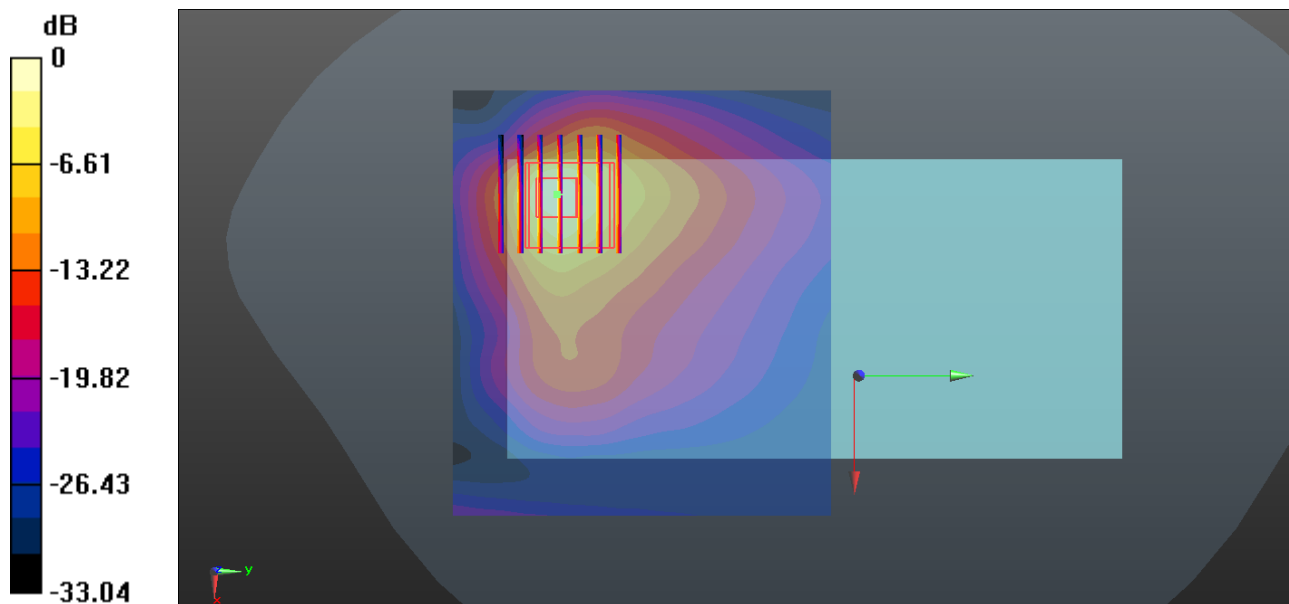
Communication System: UID 0, LTE-FDD (0); Frequency: 2535 MHz; Duty Cycle: 1:1  
Medium: MSL\_2600 Medium parameters used:  $f = 2535$  MHz;  $\sigma = 2.129$  S/m;  $\epsilon_r = 51.472$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.7 °C

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3088; ConvF(4.41, 4.41, 4.41); Calibrated: 2018.7.19;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1305; Calibrated: 2018.5.11
- Phantom: SAM2; Type: SAM; Serial: TP-1842
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7372)

**Ch21100/Area Scan (91x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 12.9 W/kg

**Ch21100/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 72.01 V/m; Power Drift = -0.11 dB  
Peak SAR (extrapolated) = 21.3 W/kg  
**SAR(1 g) = 7.02 W/kg; SAR(10 g) = 2.59 W/kg**  
Maximum value of SAR (measured) = 10.4 W/kg



0 dB = 12.9 W/kg = 11.11 dBW/kg

### 50\_LTE Band 41\_20M\_QPSK\_1RB\_99Offset\_Back\_0mm\_Ch40400

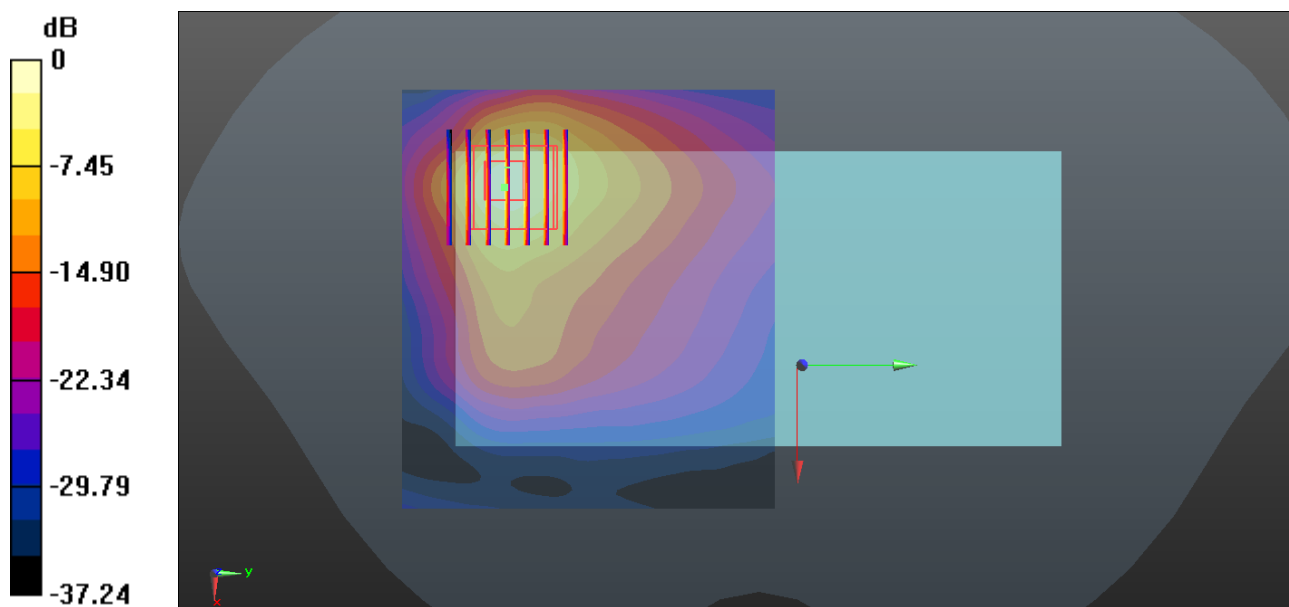
Communication System: UID 0, LTE-TDD (0); Frequency: 2571 MHz; Duty Cycle: 1:1.59  
Medium: MSL\_2600 Medium parameters used:  $f = 2571$  MHz;  $\sigma = 2.18$  S/m;  $\epsilon_r = 51.339$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.7 °C

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3088; ConvF(4.41, 4.41, 4.41); Calibrated: 2018.7.19;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1305; Calibrated: 2018.5.11
- Phantom: SAM2; Type: SAM; Serial: TP-1842
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7372)

**Ch40400/Area Scan (91x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 14.1 W/kg

**Ch40400/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 75.51 V/m; Power Drift = 0.09 dB  
Peak SAR (extrapolated) = 27.3 W/kg  
**SAR(1 g) = 8.83 W/kg; SAR(10 g) = 3.29 W/kg**  
Maximum value of SAR (measured) = 12.3 W/kg



0 dB = 14.1 W/kg = 11.49 dBW/kg

### 51\_WLAN5.3GHz\_802.11n-HT40 MCS0\_Back\_0mm\_Ch62

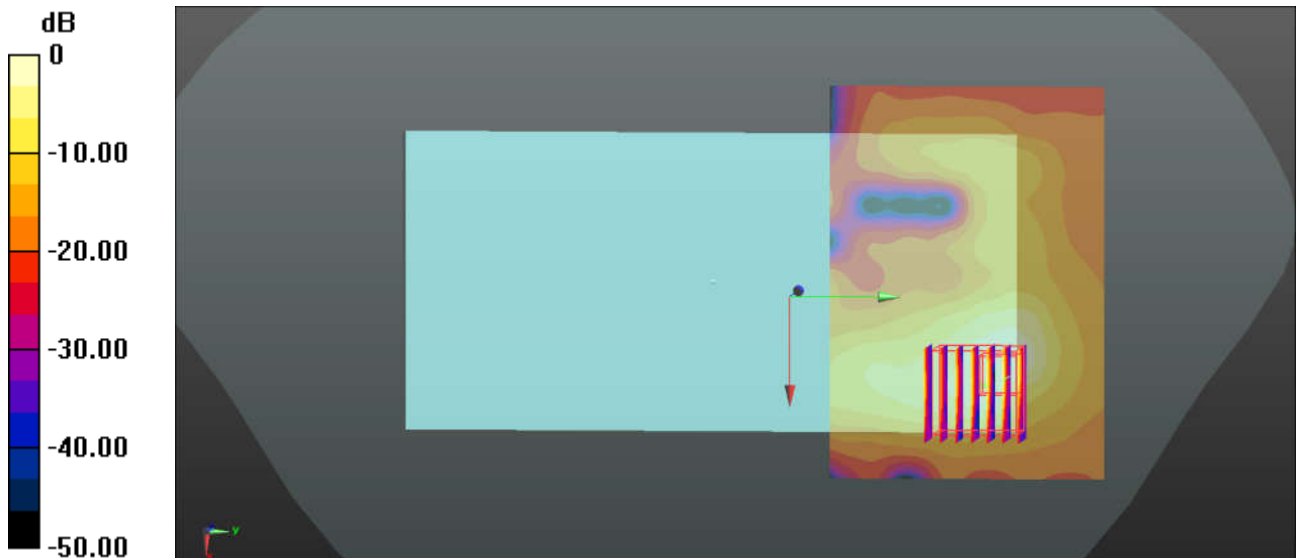
Communication System: UID 0, 802.11n (0); Frequency: 5310 MHz; Duty Cycle: 1:1.163  
Medium: MSL\_5000 Medium parameters used:  $f = 5310$  MHz;  $\sigma = 5.624$  S/m;  $\epsilon_r = 47.221$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.8 °C

#### 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 Sn1210; Calibrated: 2018.5.28
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

**Ch62/Area Scan (101x71x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 3.23 W/kg

**Ch62/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm  
Reference Value = 29.79 V/m; Power Drift = -0.05 dB  
Peak SAR (extrapolated) = 10.5 W/kg  
**SAR(1 g) = 1.87 W/kg; SAR(10 g) = 0.418 W/kg**  
Maximum value of SAR (measured) = 5.92 W/kg



0 dB = 3.23 W/kg = 5.09 dBW/kg

**52\_WLAN5.5GHz\_802.11n-HT40 MCS0\_Back\_0mm\_Ch142**

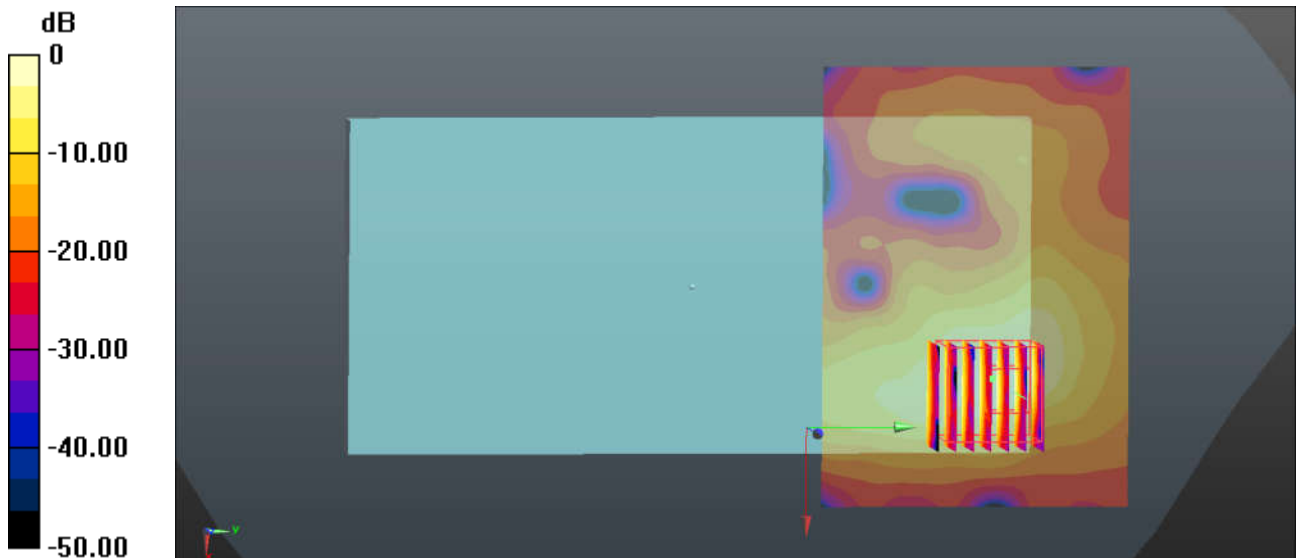
Communication System: UID 0, 802.11n (0); Frequency: 5710 MHz; Duty Cycle: 1:1.163  
Medium: MSL\_5000 Medium parameters used:  $f = 5710$  MHz;  $\sigma = 6.165$  S/m;  $\epsilon_r = 46.534$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.8 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3857; ConvF(3.76, 3.76, 3.76); Calibrated: 2018.5.31;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2018.5.28
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

**Ch142/Area Scan (101x71x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 3.92 W/kg

**Ch142/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm  
Reference Value = 29.00 V/m; Power Drift = -0.06 dB  
Peak SAR (extrapolated) = 12.1 W/kg  
**SAR(1 g) = 1.91 W/kg; SAR(10 g) = 0.428 W/kg**  
Maximum value of SAR (measured) = 5.82 W/kg



0 dB = 3.92 W/kg = 5.93 dBW/kg