

### System Check\_Head\_2450MHz

#### DUT: D2450V2 - SN:908

Communication System: UID 0, CW (0); Frequency: 2450 MHz; Duty Cycle: 1:1

Medium: HSL\_2450 Medium parameters used:  $f = 2450$  MHz;  $\sigma = 1.859$  S/m;  $\epsilon_r = 38.444$ ;  $\rho = 1000$  kg/m<sup>3</sup>

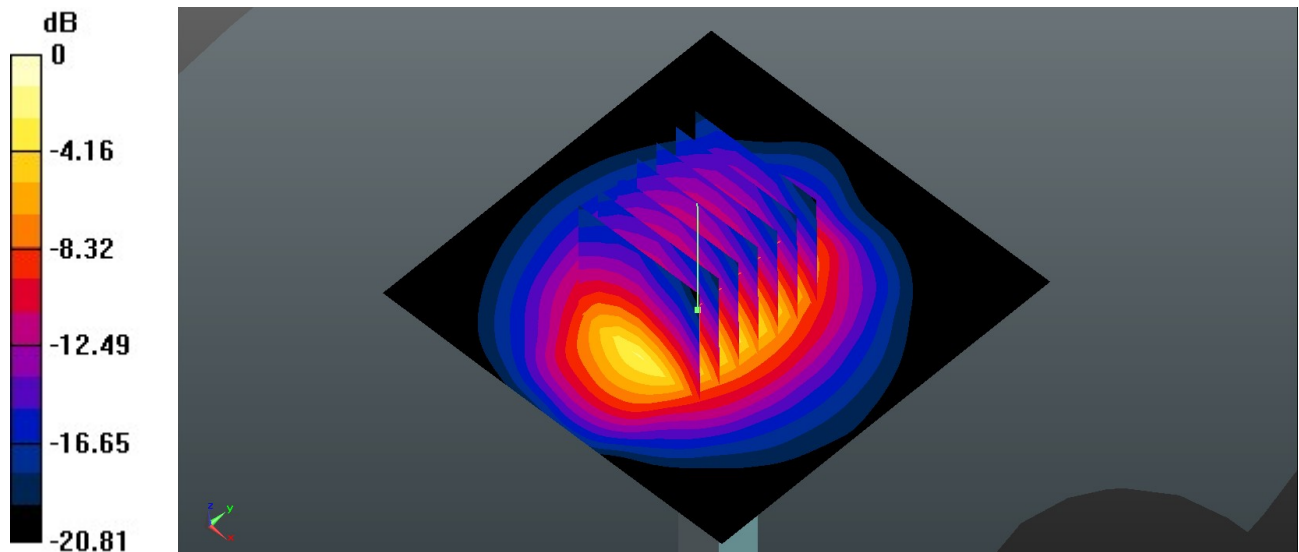
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.8 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.5, 7.5, 7.5); Calibrated: 2019.5.27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2019.7.23
- Phantom: SAM1; Type: SAM; Serial: TP-1697
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

**Pin=250mW/Area Scan (71x71x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 20.1 W/kg

**Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 84.94 V/m; Power Drift = -0.06 dB  
Peak SAR (extrapolated) = 26.2 W/kg  
**SAR(1 g) = 13.3 W/kg; SAR(10 g) = 6.38 W/kg**  
Maximum value of SAR (measured) = 20.0 W/kg



0 dB = 20.0 W/kg = 13.01 dBW/kg

### System Check\_Head\_2600MHz

**DUT: D2600V2 - SN:1061**

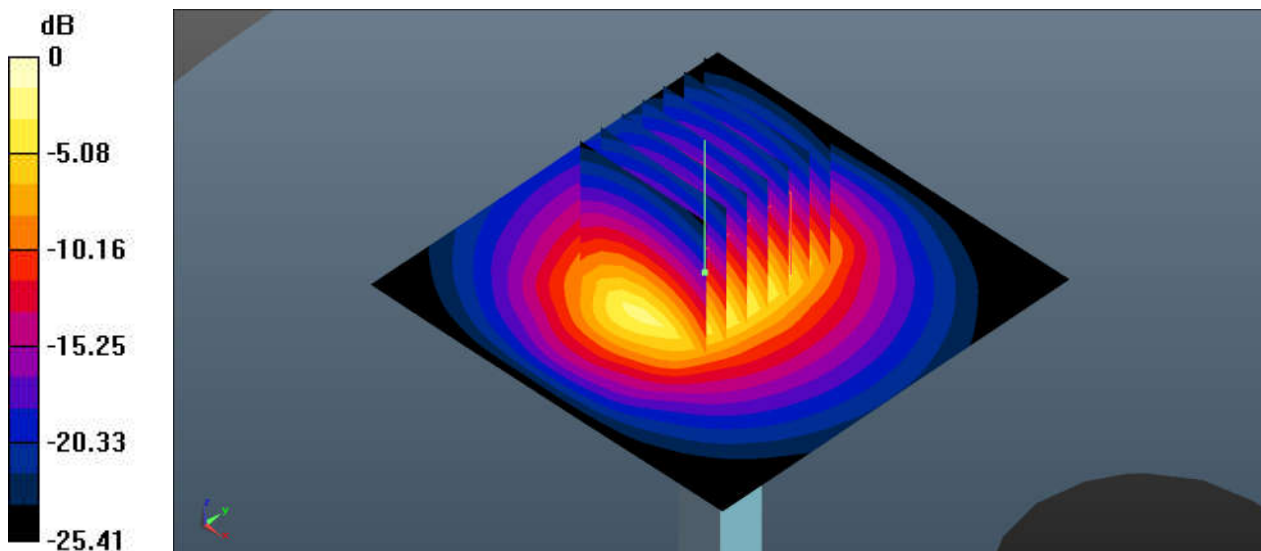
Communication System: UID 0, CW (0); Frequency: 2600 MHz;Duty Cycle: 1:1  
Medium: HSL\_2600 Medium parameters used:  $f = 2600$  MHz;  $\sigma = 1.957$  S/m;  $\epsilon_r = 40.058$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.9 °C

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3293; ConvF(4.39, 4.39, 4.39); Calibrated: 2019.11.25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn799; Calibrated: 2020.2.10
- Phantom: SAM2; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

**Pin=250mW/Area Scan (71x71x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 20.0 W/kg

**Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 100.1 V/m; Power Drift = 0.11 dB  
Peak SAR (extrapolated) = 31.5 W/kg  
**SAR(1 g) = 14.1 W/kg; SAR(10 g) = 6.15 W/kg**  
Maximum value of SAR (measured) = 19.1 W/kg



0 dB = 19.1 W/kg = 12.81 dBW/kg

### System Check\_Head\_5250MHz

#### DUT: D5GHzV2 - SN:1113

Communication System: UID 0, CW (0); Frequency: 5250 MHz;Duty Cycle: 1:1  
Medium: HSL\_5000 Medium parameters used:  $f = 5250$  MHz;  $\sigma = 4.678$  S/m;  $\epsilon_r = 36.999$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.3 °C; Liquid Temperature : 22.7 °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: SAM2; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

**Pin=100mW/Area Scan (71x71x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 20.2 W/kg

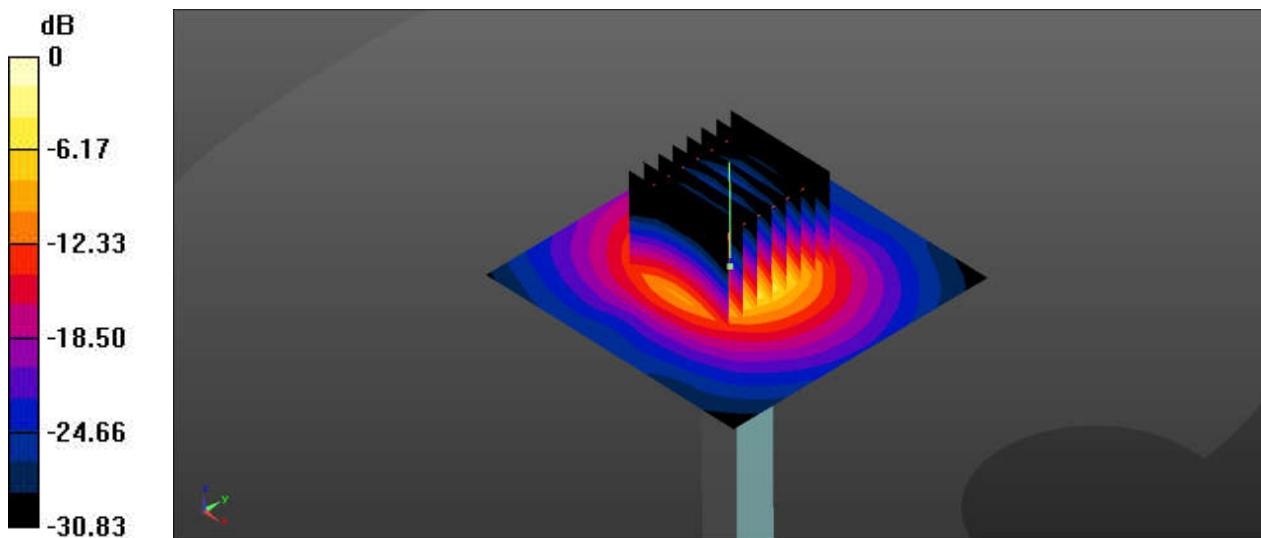
**Pin=100mW/Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 44.69 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 31.2 W/kg

**SAR(1 g) = 8.59 W/kg; SAR(10 g) = 2.53 W/kg**

Maximum value of SAR (measured) = 19.0 W/kg



0 dB = 20.2 W/kg = 13.05 dBW/kg

### System Check\_Head\_5600MHz

#### DUT: D5GHzV2 - SN:1113

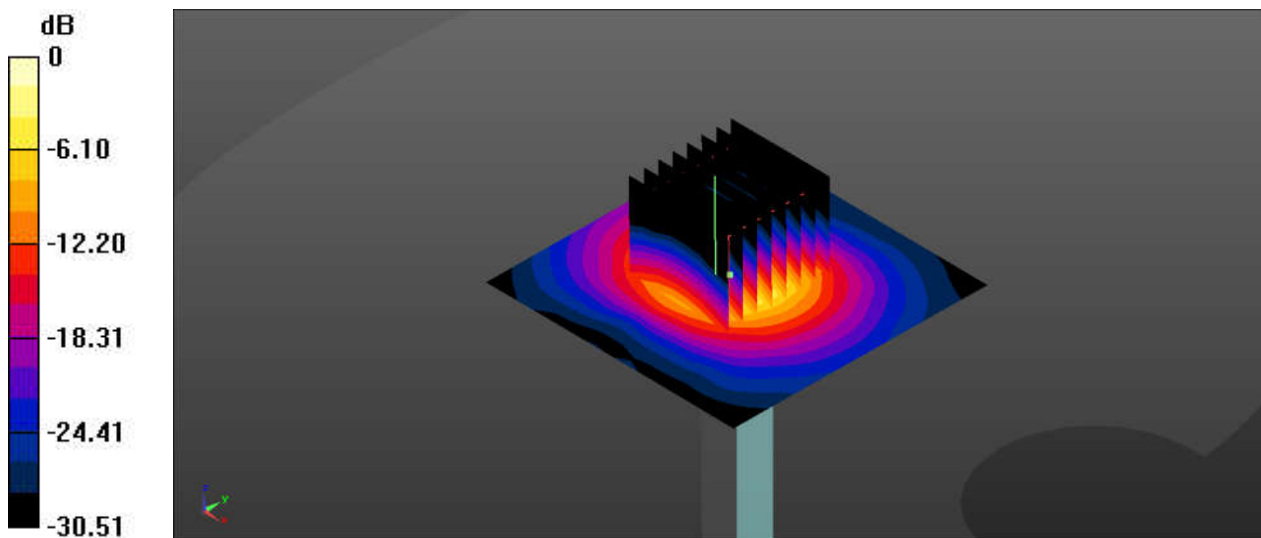
Communication System: UID 0, CW (0); Frequency: 5600 MHz; Duty Cycle: 1:1  
Medium: HSL\_5000 Medium parameters used:  $f = 5600$  MHz;  $\sigma = 5.037$  S/m;  $\epsilon_r = 36.493$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.3 °C; Liquid Temperature : 22.9 °C

#### 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: SAM2; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

**Pin=100mW/Area Scan (71x71x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 21.3 W/kg

**Pin=100mW/Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm  
Reference Value = 43.15 V/m; Power Drift = 0.16 dB  
Peak SAR (extrapolated) = 34.0 W/kg  
**SAR(1 g) = 8.83 W/kg; SAR(10 g) = 2.58 W/kg**  
Maximum value of SAR (measured) = 20.2 W/kg



0 dB = 21.3 W/kg = 13.28 dBW/kg

### System Check\_Head\_5750MHz

**DUT: D5GHzV2 - SN:1113**

Communication System: UID 0, CW (0); Frequency: 5750 MHz;Duty Cycle: 1:1  
Medium: HSL\_5000 Medium parameters used:  $f = 5750$  MHz;  $\sigma = 5.2$  S/m;  $\epsilon_r = 36.307$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.6 °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: SAM2; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

**Pin=100mW/Area Scan (71x71x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

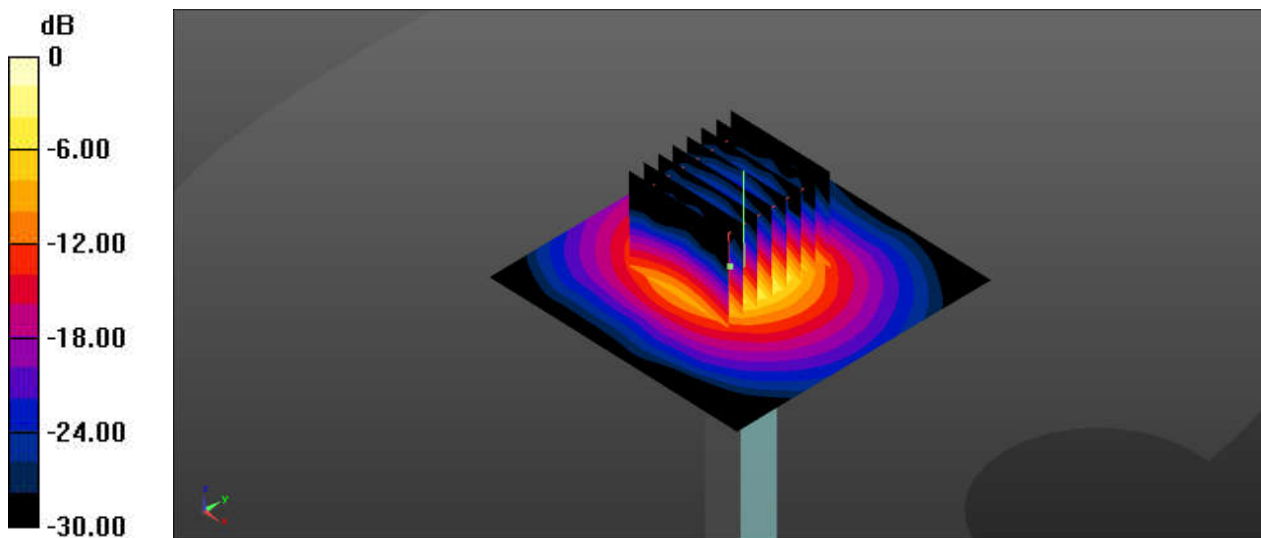
**Pin=100mW/Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 39.38 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 31.7 W/kg

**SAR(1 g) = 7.98 W/kg; SAR(10 g) = 2.32 W/kg**

Maximum value of SAR (measured) = 18.3 W/kg



0 dB = 19.3 W/kg = 12.86 dBW/kg

### System Check\_Head\_1750MHz

**DUT: D1750V2 - SN:1090**

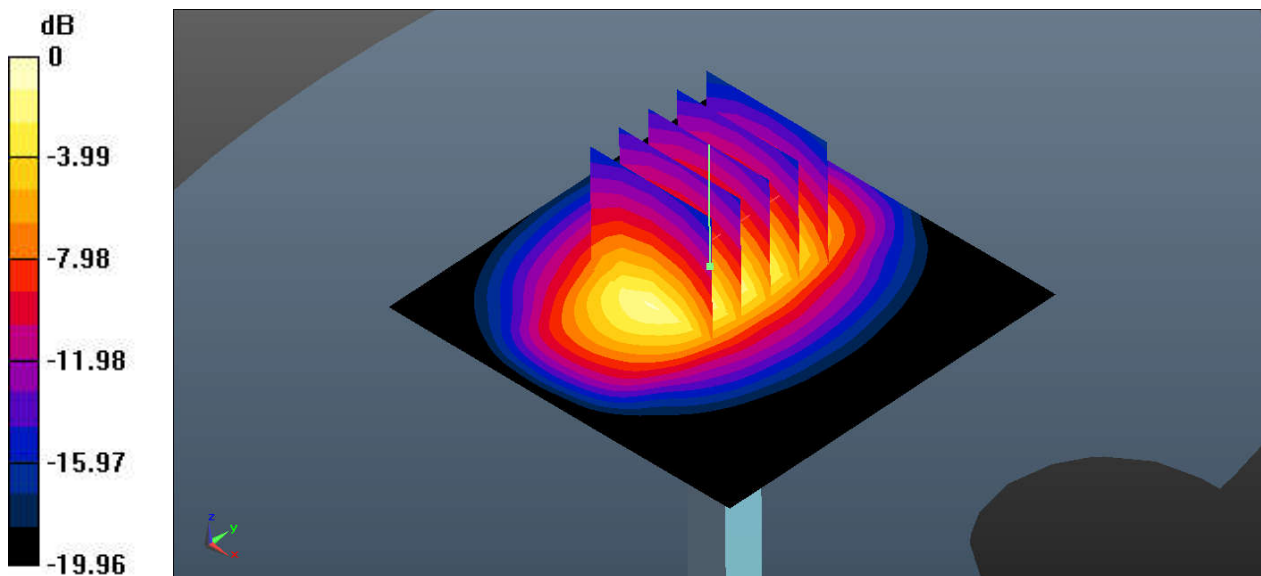
Communication System: UID 0, CW (0); Frequency: 1750 MHz; Duty Cycle: 1:1  
Medium: HSL\_1750 Medium parameters used:  $f = 1750$  MHz;  $\sigma = 1.323$  S/m;  $\epsilon_r = 41.077$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.3 °C; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3166; ConvF(5.35, 5.35, 5.35); Calibrated: 2020.3.2
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2019.11.20
- Phantom: SAM1; Type: SAM; Serial: TP-1697
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Pin=250mW/Area Scan (61x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 11.5 W/kg

**Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 71.81 V/m; Power Drift = 0.08 dB  
Peak SAR (extrapolated) = 16.0 W/kg  
**SAR(1 g) = 8.97 W/kg; SAR(10 g) = 4.8 W/kg**  
Maximum value of SAR (measured) = 11.3 W/kg



0 dB = 11.3 W/kg = 10.53 dBW/kg

### System Check\_Head\_1900MHz

**DUT: D1900V2 - SN:5d170**

Communication System: UID 0, CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1  
Medium: HSL\_1900 Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.438$  S/m;  $\epsilon_r = 40.337$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.7 °C

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3166; ConvF(5.16, 5.16, 5.16); Calibrated: 2020.3.2
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2019.11.20
- Phantom: SAM1; Type: SAM; Serial: TP-1697
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Pin=250mW/Area Scan (61x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 16.6 W/kg

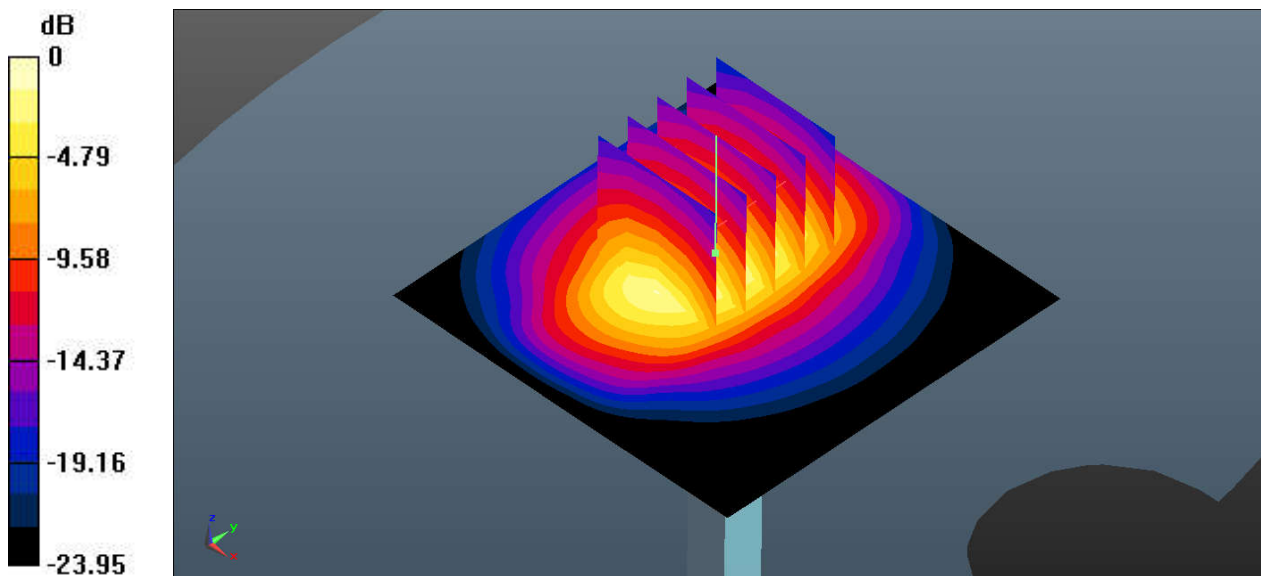
**Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 68.42 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 20.3 W/kg

**SAR(1 g) = 10.5 W/kg; SAR(10 g) = 5.37 W/kg**

Maximum value of SAR (measured) = 16.7 W/kg



0 dB = 16.7 W/kg = 12.23 dBW/kg

### System Check\_Head\_2600MHz

**DUT: D2600V2 - SN:1061**

Communication System: UID 0, CW; Frequency: 2600 MHz; Duty Cycle: 1:1  
Medium: HSL\_2600 Medium parameters used:  $f = 2600$  MHz;  $\sigma = 1.956$  S/m;  $\epsilon_r = 40.043$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.3 °C; Liquid Temperature : 22.6 °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 Sn799; Calibrated: 2020.2.10
- Phantom: SAM2; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

**Pin=250mW/Area Scan (71x71x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 26.4 W/kg

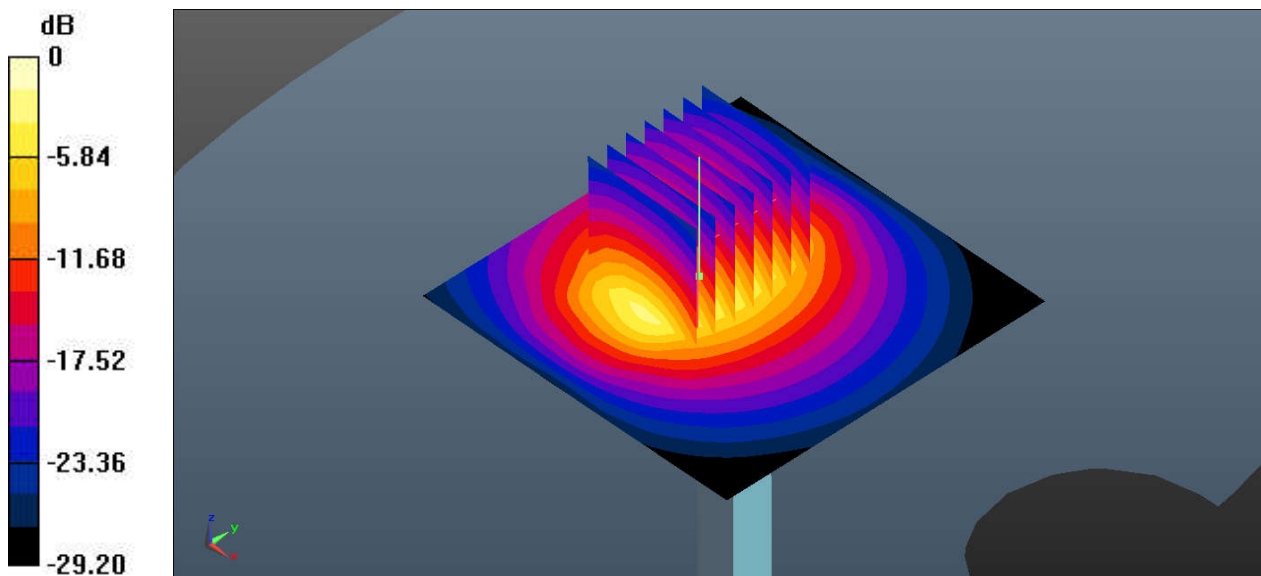
**Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 78.52 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 33.6 W/kg

**SAR(1 g) = 14.7 W/kg; SAR(10 g) = 6.33 W/kg**

Maximum value of SAR (measured) = 25.9 W/kg



0 dB = 25.9 W/kg = 14.13 dBW/kg



### System Check\_Head\_2600MHz

#### DUT: D2600V2 - SN:1061

Communication System: UID 0, CW (0); Frequency: 2600 MHz; Duty Cycle: 1:1  
Medium: HSL\_2600 Medium parameters used:  $f = 2600$  MHz;  $\sigma = 1.98$  S/m;  $\epsilon_r = 39.055$ ;  $\rho = 1000$  kg/m<sup>3</sup>

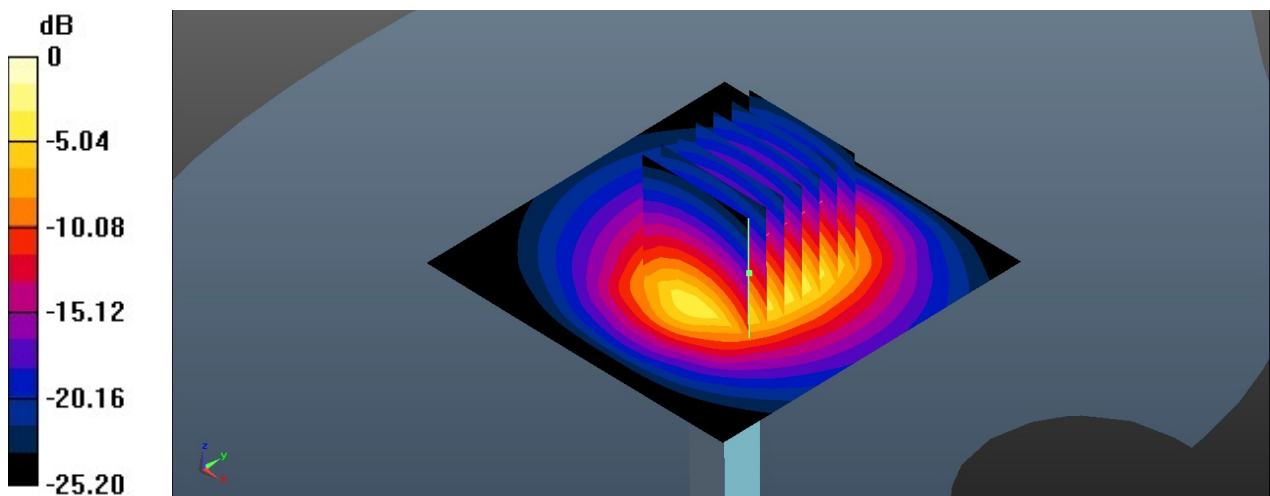
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.6 °C

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3293; ConvF(4.39, 4.39, 4.39); Calibrated: 2019.11.25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn799; Calibrated: 2020.2.10
- Phantom: SAM2; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

**Pin=250mW/Area Scan (71x71x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 22.0 W/kg

**Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 94.66 V/m; Power Drift = -0.05 dB  
Peak SAR (extrapolated) = 37.1 W/kg  
**SAR(1 g) = 14.9 W/kg; SAR(10 g) = 6.96 W/kg**  
Maximum value of SAR (measured) = 21.5 W/kg



0 dB = 21.5 W/kg = 13.32 dBW/kg



**Appendix B. Plots of High SAR Measurement**

The plots are shown as follows.

### 01\_GSM850\_GPRS 3 Tx slots\_Right Check\_0mm\_Ch189

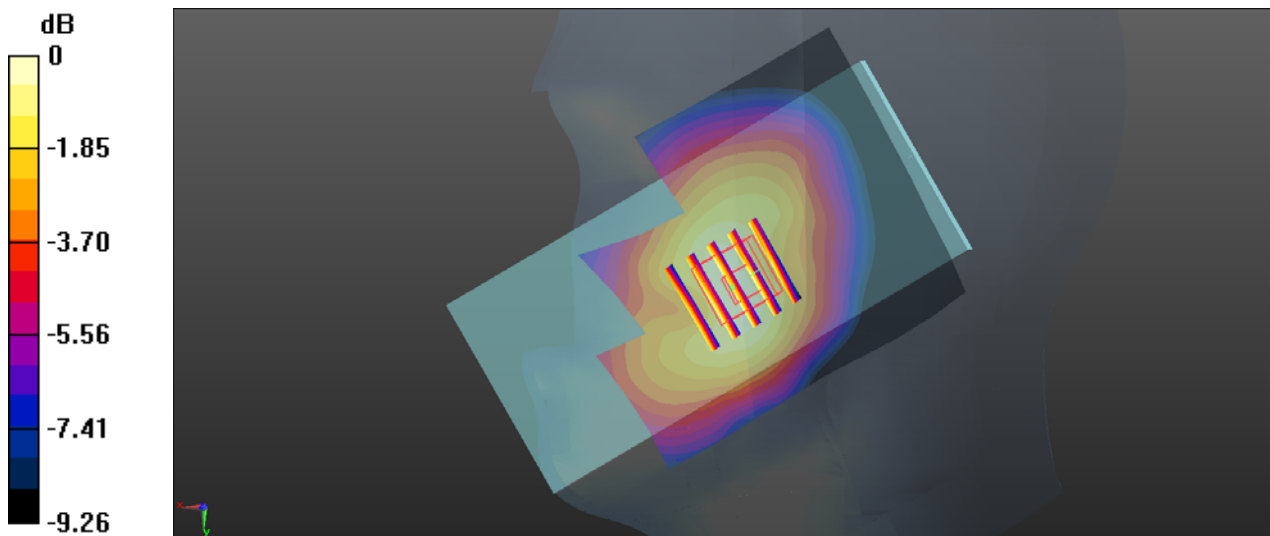
Communication System: UID 0, GSM850 (0); Frequency: 836.4 MHz; Duty Cycle: 1:2.77  
Medium: HSL\_850 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.921$  S/m;  $\epsilon_r = 40.535$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.3 °C; Liquid Temperature : 22.6 °C

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3166; ConvF(6.29, 6.29, 6.29); Calibrated: 2020.3.2
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2019.11.20
- Phantom: SAM1; Type: SAM; Serial: TP-1697
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (71x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.260 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 4.366 V/m; Power Drift = 0.01 dB  
Peak SAR (extrapolated) = 0.489 W/kg  
**SAR(1 g) = 0.241 W/kg; SAR(10 g) = 0.177 W/kg**  
Maximum value of SAR (measured) = 0.264 W/kg



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

### 02\_GSM1900\_GPRS 3 Tx slots\_Left Cheek\_0mm\_Ch661

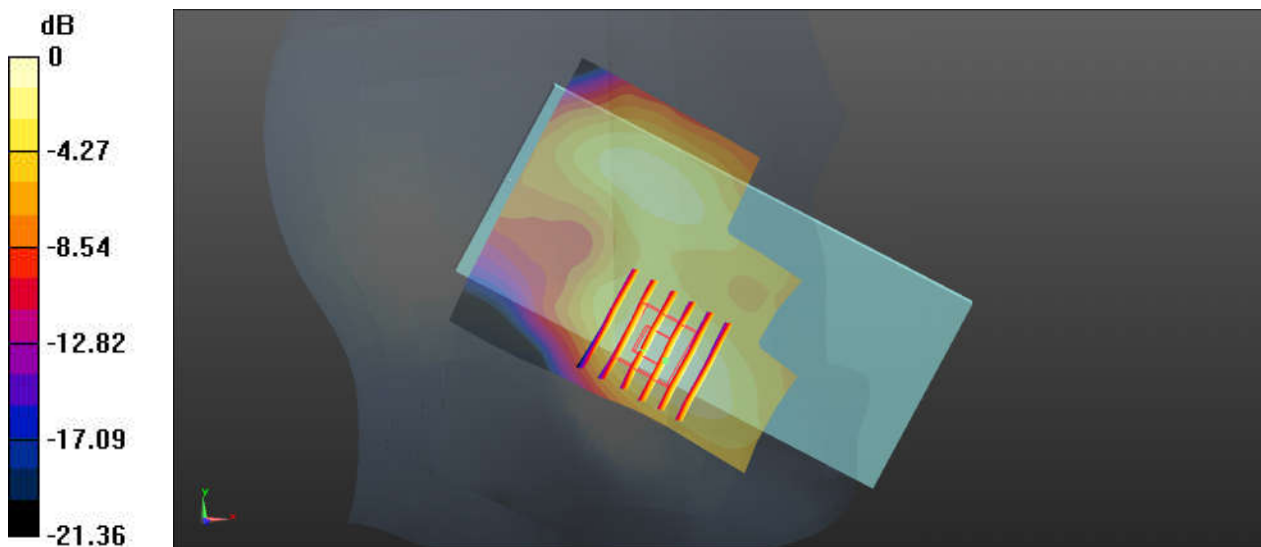
Communication System: UID 0, PCS (0); Frequency: 1880 MHz; Duty Cycle: 1:2.77  
Medium: HSL\_1900 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.405$  S/m;  $\epsilon_r = 38.622$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.4 °C; Liquid Temperature : 22.9 °C

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3166; ConvF(5.16, 5.16, 5.16); Calibrated: 2020.3.2
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2019.11.20
- Phantom: SAM1; Type: SAM; Serial: TP-1697
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (71x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.0581 W/kg

**Zoom Scan (6x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 2.941 V/m; Power Drift = 0.07 dB  
Peak SAR (extrapolated) = 0.0840 W/kg  
**SAR(1 g) = 0.052 W/kg; SAR(10 g) = 0.031 W/kg**  
Maximum value of SAR (measured) = 0.0610 W/kg



0 dB = 0.0610 W/kg = -12.15 dBW/kg

### 03\_CDMA BC0\_RC3 SO55\_Right Check\_0mm\_Ch384

Communication System: UID 0, CDMA (0); Frequency: 836.52 MHz; Duty Cycle: 1:1  
Medium: HSL\_850 Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.921$  S/m;  $\epsilon_r = 40.528$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.3 °C; Liquid Temperature : 22.6 °C

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3166; ConvF(6.29, 6.29, 6.29); Calibrated: 2020.3.2
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2019.11.20
- Phantom: SAM1; Type: SAM; Serial: TP-1697
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 0.323 W/kg

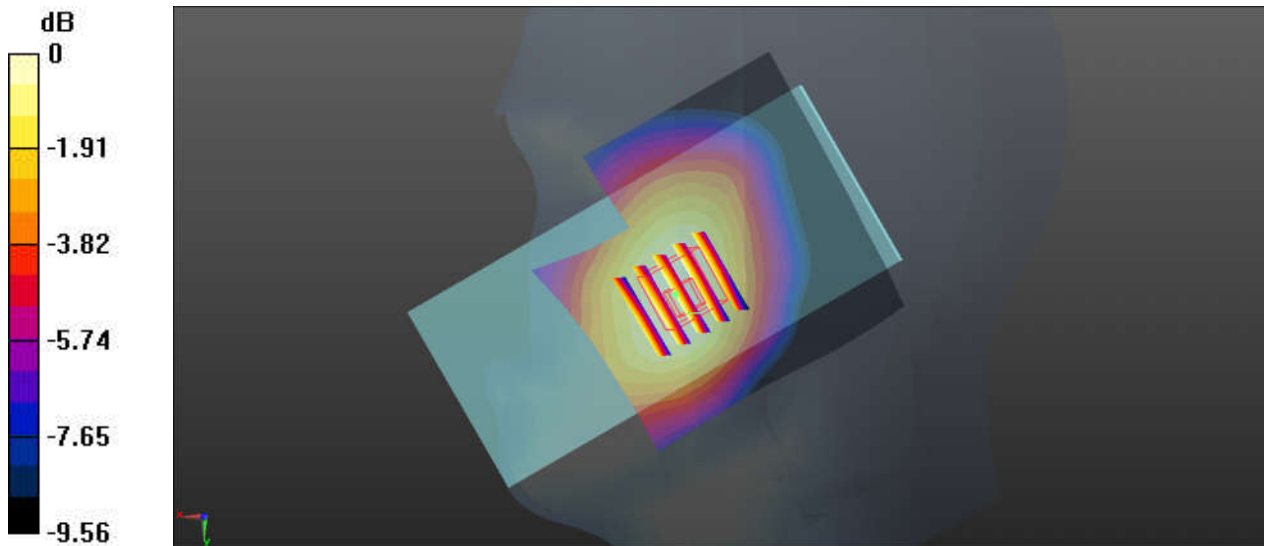
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.149 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.379 W/kg

**SAR(1 g) = 0.289 W/kg; SAR(10 g) = 0.216 W/kg**

Maximum value of SAR (measured) = 0.318 W/kg



0 dB = 0.318 W/kg = -4.98 dBW/kg

### 04\_CDMA BC1\_RC3 SO55\_Right Check\_0mm\_Ch600

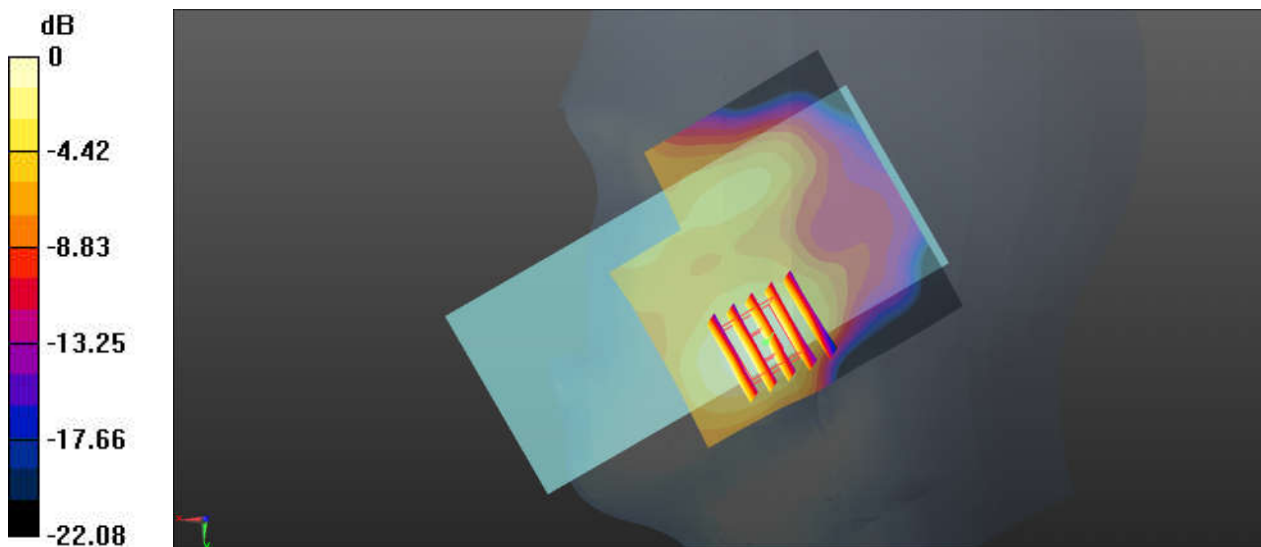
Communication System: UID 0, CDMA (0); Frequency: 1880 MHz; Duty Cycle: 1:1  
Medium: HSL\_1900 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.405$  S/m;  $\epsilon_r = 38.622$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.9 °C

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3166; ConvF(5.16, 5.16, 5.16); Calibrated: 2020.3.2
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2019.11.20
- Phantom: SAM1; Type: SAM; Serial: TP-1697
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (71x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.0454 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 1.646 V/m; Power Drift = 0.06 dB  
Peak SAR (extrapolated) = 0.0630 W/kg  
**SAR(1 g) = 0.039 W/kg; SAR(10 g) = 0.022 W/kg**  
Maximum value of SAR (measured) = 0.0465 W/kg



0 dB = 0.0465 W/kg = -13.33 dBW/kg

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

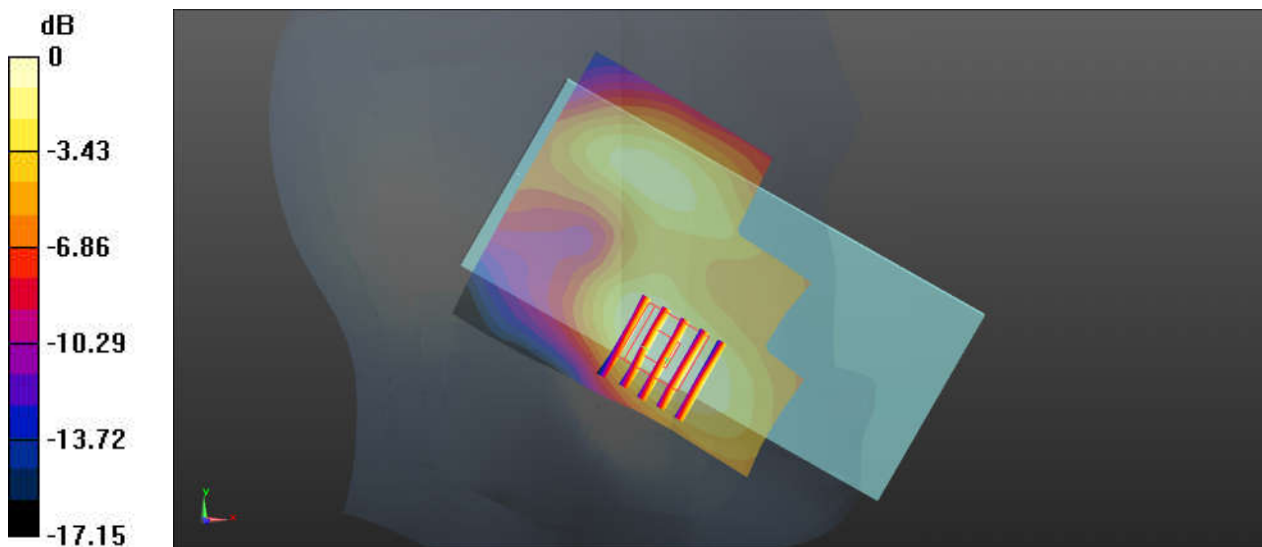
Communication System: UID 0, WCDMA (0); Frequency: 1880 MHz; Duty Cycle: 1:1  
Medium: HSL\_1900 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.405$  S/m;  $\epsilon_r = 38.622$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.9 °C

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3166; ConvF(5.16, 5.16, 5.16); Calibrated: 2020.3.2
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2019.11.20
- Phantom: SAM1; Type: SAM; Serial: TP-1697
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (71x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.139 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 5.062 V/m; Power Drift = 0.11 dB  
Peak SAR (extrapolated) = 0.199 W/kg  
**SAR(1 g) = 0.126 W/kg; SAR(10 g) = 0.077 W/kg**  
Maximum value of SAR (measured) = 0.145 W/kg



0 dB = 0.145 W/kg = -8.39 dBW/kg

### 06\_WCDMA IV\_RMC 12.2Kbps\_Right Check\_0mm\_Ch1413

Communication System: UID 0, WCDMA (0); Frequency: 1732.6 MHz; Duty Cycle: 1:1  
Medium: HSL\_1750 Medium parameters used:  $f = 1733$  MHz;  $\sigma = 1.324$  S/m;  $\epsilon_r = 39.297$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.8 °C

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3166; ConvF(5.35, 5.35, 5.35); Calibrated: 2020.3.2
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2019.11.20
- Phantom: SAM1; Type: SAM; Serial: TP-1697
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 0.179 W/kg

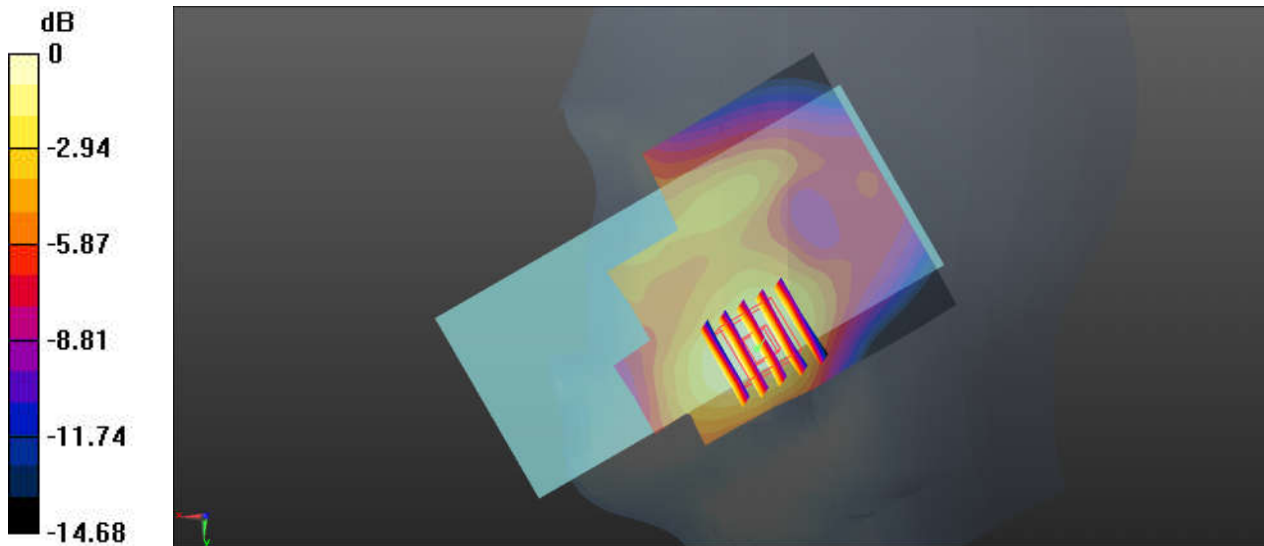
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.631 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.230 W/kg

**SAR(1 g) = 0.153 W/kg; SAR(10 g) = 0.097 W/kg**

Maximum value of SAR (measured) = 0.180 W/kg



0 dB = 0.180 W/kg = -7.45 dBW/kg



### 07\_WCDMA V\_RMC 12.2Kbps\_Right Check\_0mm\_Ch4182

Communication System: UID 0, WCDMA (0); Frequency: 836.4 MHz; Duty Cycle: 1:1  
Medium: HSL\_850 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.921$  S/m;  $\epsilon_r = 40.535$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.3 °C; Liquid Temperature : 22.6 °C

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3166; ConvF(6.29, 6.29, 6.29); Calibrated: 2020.3.2
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2019.11.20
- Phantom: SAM1; Type: SAM; Serial: TP-1697
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

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

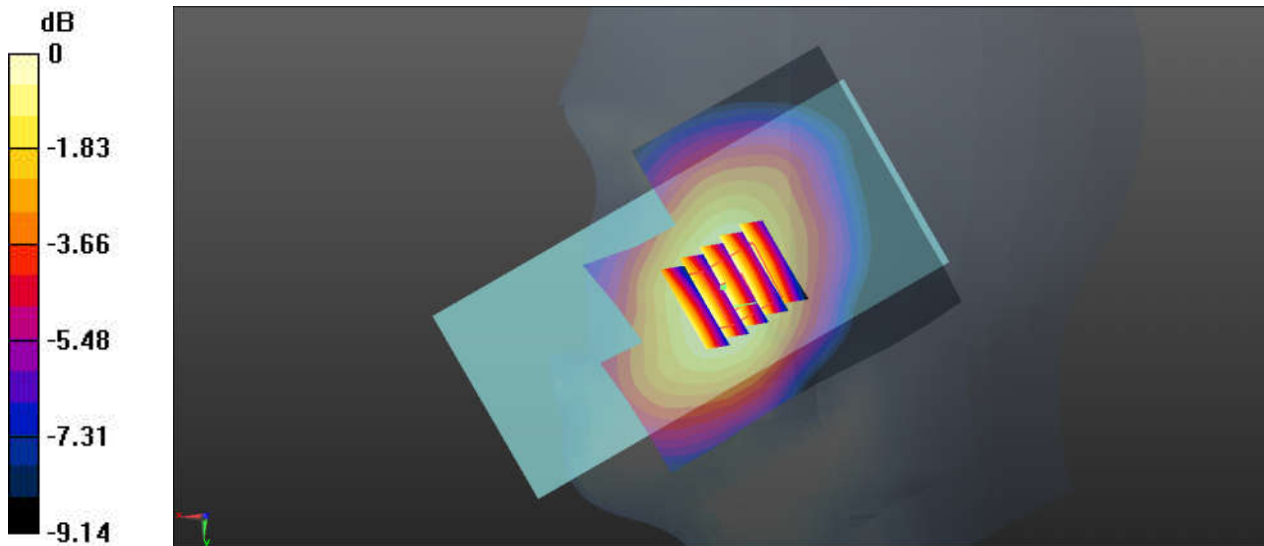
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.045 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.398 W/kg

**SAR(1 g) = 0.305 W/kg; SAR(10 g) = 0.229 W/kg**

Maximum value of SAR (measured) = 0.339 W/kg



0 dB = 0.339 W/kg = -4.70 dBW/kg

**08\_LTE Band 2\_20M\_QPSK\_1RB\_0offset\_Right Check\_0mm\_Ch18900**

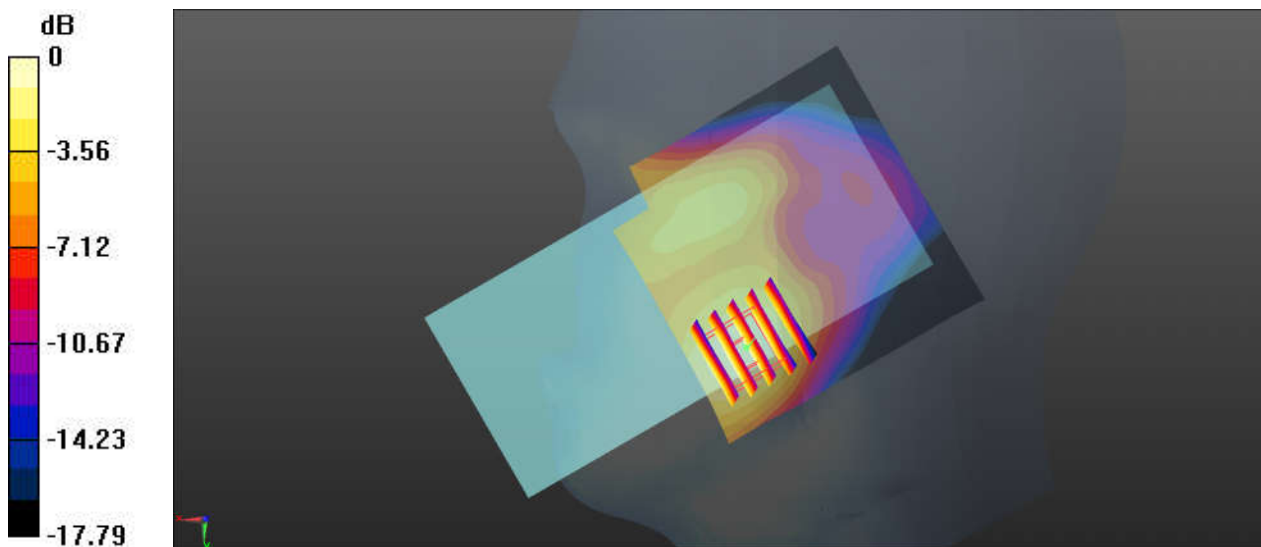
Communication System: UID 0, LTE-FDD (0); Frequency: 1880 MHz; Duty Cycle: 1:1  
Medium: HSL\_1900 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.405$  S/m;  $\epsilon_r = 38.622$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.9 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3166; ConvF(5.16, 5.16, 5.16); Calibrated: 2020.3.2
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2019.11.20
- Phantom: SAM1; Type: SAM; Serial: TP-1697
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (71x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.151 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 3.781 V/m; Power Drift = 0.01 dB  
Peak SAR (extrapolated) = 0.201 W/kg  
**SAR(1 g) = 0.128 W/kg; SAR(10 g) = 0.077 W/kg**  
Maximum value of SAR (measured) = 0.151 W/kg



0 dB = 0.151 W/kg = -8.21 dBW/kg

**09\_LTE Band 7\_20M\_QPSK\_50RB\_0Offset\_Left Tilted\_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 : 23.2 °C; Liquid Temperature : 22.9 °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 Sn799; Calibrated: 2020.2.10
- Phantom: SAM2; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

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

Maximum value of SAR (interpolated) = 0.230 W/kg

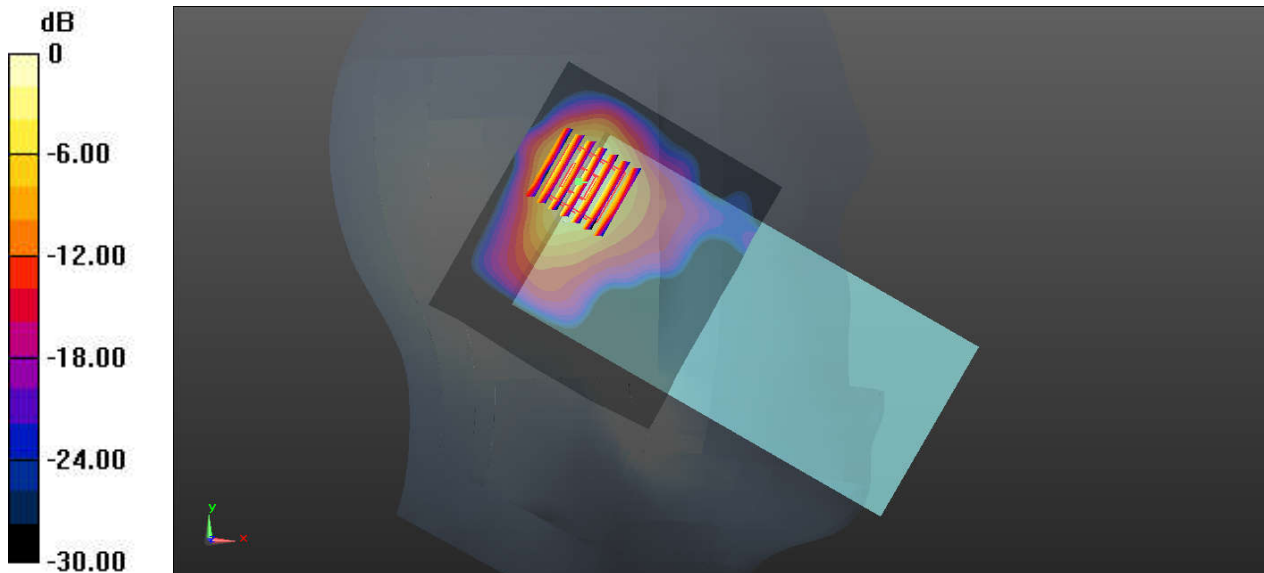
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.484 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.354 W/kg

**SAR(1 g) = 0.156 W/kg; SAR(10 g) = 0.068 W/kg**

Maximum value of SAR (measured) = 0.213 W/kg



0 dB = 0.213 W/kg = -6.72 dBW/kg

### 10\_LTE Band 12\_10M\_QPSK\_25RB\_0offset\_Right Check\_0mm\_Ch23095

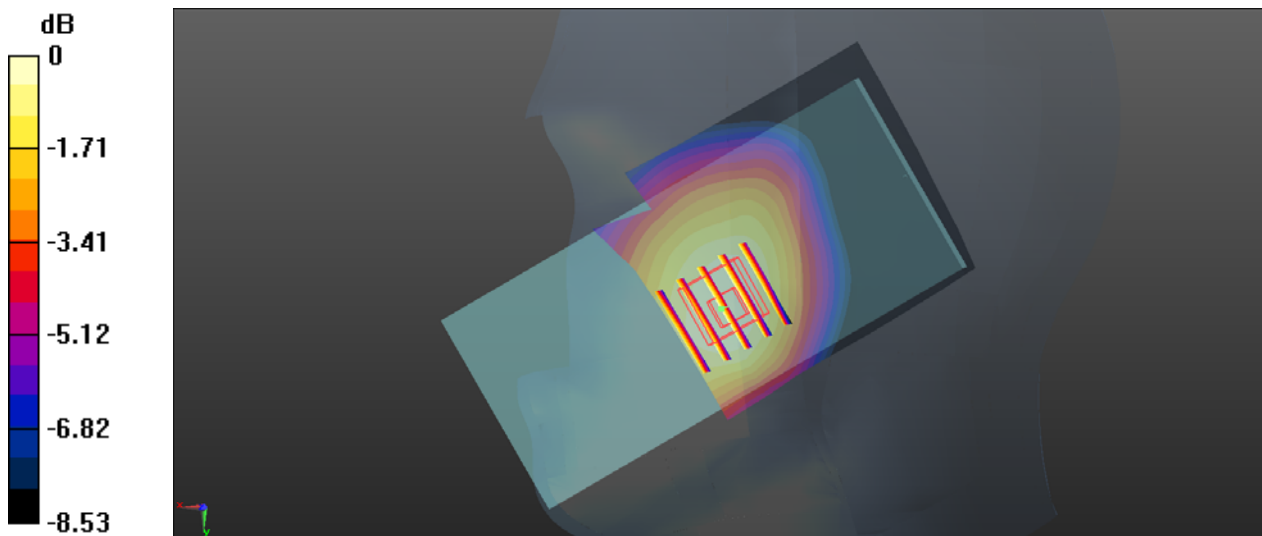
Communication System: UID 0, LTE-FDD (0); Frequency: 707.5 MHz; Duty Cycle: 1:1  
Medium: HSL\_750 Medium parameters used:  $f = 707.5$  MHz;  $\sigma = 0.863$  S/m;  $\epsilon_r = 43.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.4 °C; Liquid Temperature : 22.7 °C

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3166; ConvF(6.43, 6.43, 6.43); Calibrated: 2020.3.2
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2019.11.20
- Phantom: SAM1; Type: SAM; Serial: TP-1697
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (61x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.141 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 2.636 V/m; Power Drift = 0.01 dB  
Peak SAR (extrapolated) = 0.166 W/kg  
**SAR(1 g) = 0.130 W/kg; SAR(10 g) = 0.101 W/kg**  
Maximum value of SAR (measured) = 0.141 W/kg



0 dB = 0.141 W/kg = -8.51 dBW/kg

### 11\_LTE Band 26\_15M\_QPSK\_1RB\_0offset\_Right Check\_0mm\_Ch26865

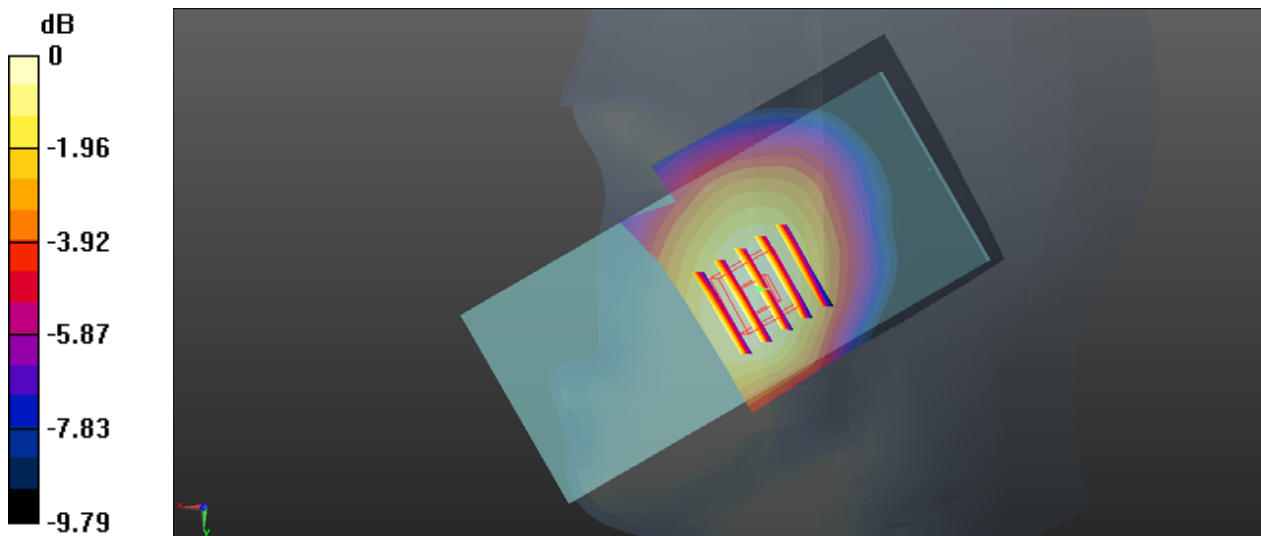
Communication System: UID 0, LTE-FDD (0); Frequency: 831.5 MHz; Duty Cycle: 1:1  
Medium: HSL\_850 Medium parameters used:  $f = 831.5$  MHz;  $\sigma = 0.916$  S/m;  $\epsilon_r = 40.594$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.3 °C; Liquid Temperature : 22.6 °C

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3166; ConvF(6.29, 6.29, 6.29); Calibrated: 2020.3.2
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2019.11.20
- Phantom: SAM1; Type: SAM; Serial: TP-1697
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (61x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.295 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 4.502 V/m; Power Drift = 0.06 dB  
Peak SAR (extrapolated) = 0.347 W/kg  
**SAR(1 g) = 0.268 W/kg; SAR(10 g) = 0.201 W/kg**  
Maximum value of SAR (measured) = 0.294 W/kg



0 dB = 0.294 W/kg = -5.32 dBW/kg

### 12\_LTE Band 66\_20M\_QPSK\_1RB\_0offset\_Right Check\_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;  $\sigma = 1.337$  S/m;  $\epsilon_r = 39.247$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.8 °C

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3166; ConvF(5.35, 5.35, 5.35); Calibrated: 2020.3.2
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2019.11.20
- Phantom: SAM1; Type: SAM; Serial: TP-1697
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 0.135 W/kg

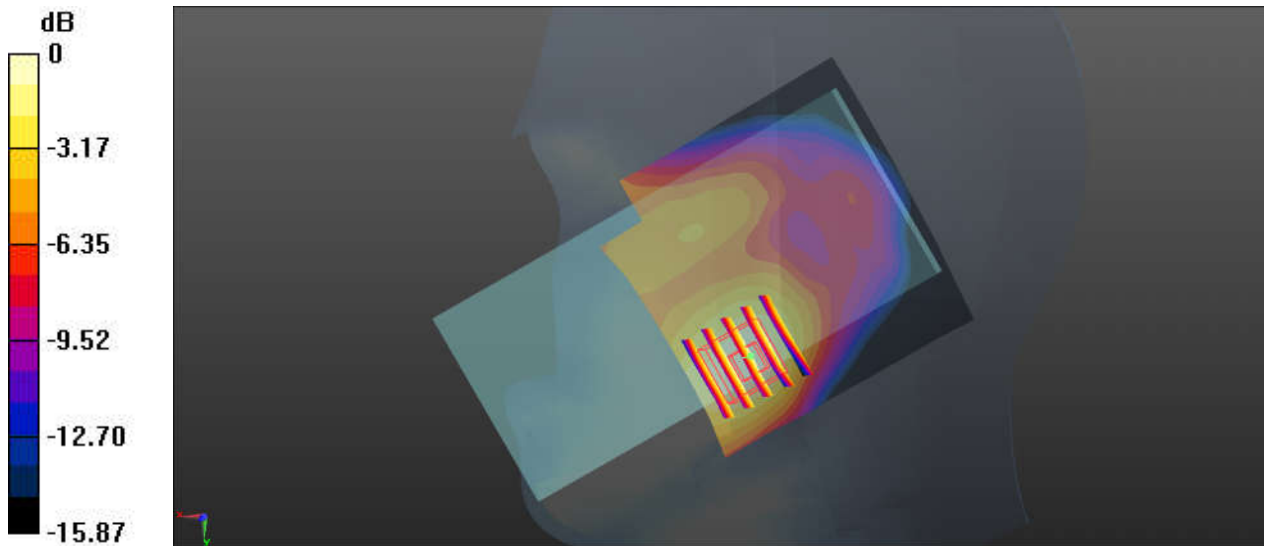
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.889 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.173 W/kg

**SAR(1 g) = 0.115 W/kg; SAR(10 g) = 0.072 W/kg**

Maximum value of SAR (measured) = 0.134 W/kg



0 dB = 0.134 W/kg = -8.73 dBW/kg

### 13\_LTE Band 41\_20M\_QPSK\_1RB\_0offset\_Left Tilted\_0mm\_Ch40620

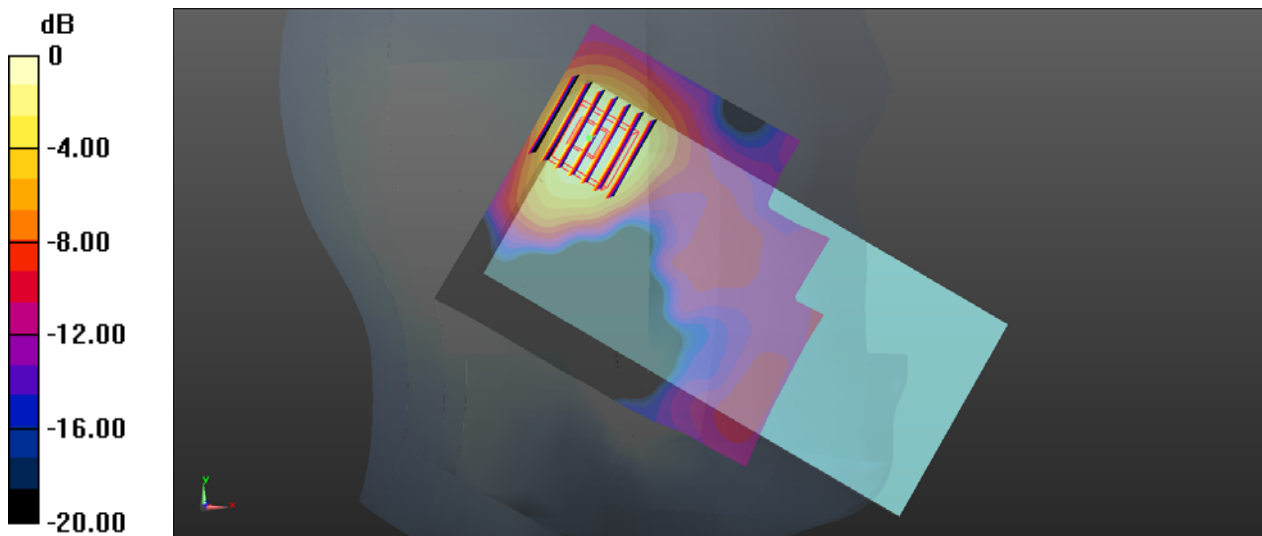
Communication System: UID 0, LTE-TDD (0); Frequency: 2593 MHz; Duty Cycle: 1:1.59  
Medium: HSL\_2600 Medium parameters used:  $f = 2593$  MHz;  $\sigma = 1.948$  S/m;  $\epsilon_r = 40.085$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.9 °C

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3293; ConvF(4.39, 4.39, 4.39); Calibrated: 2019.11.25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn799; Calibrated: 2020.2.10
- Phantom: SAM2; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

**Area Scan (91x101x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 0.0808 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 4.251 V/m; Power Drift = 0.01 dB  
Peak SAR (extrapolated) = 0.108 W/kg  
**SAR(1 g) = 0.061 W/kg; SAR(10 g) = 0.032 W/kg**  
Maximum value of SAR (measured) = 0.0766 W/kg



**15\_FR1 n41\_100M\_BPSK\_135RB\_69Offset\_DFT-30KHz\_Left Tilted\_0mm\_Ch518598**

Communication System: UID 0, 5G NR (0); Frequency: 2592.99 MHz; Duty Cycle: 1:1  
Medium: HSL\_2600 Medium parameters used:  $f = 2593$  MHz;  $\sigma = 1.925$  S/m;  $\epsilon_r = 40.146$ ;  $\rho = 1000$  kg/m<sup>3</sup>

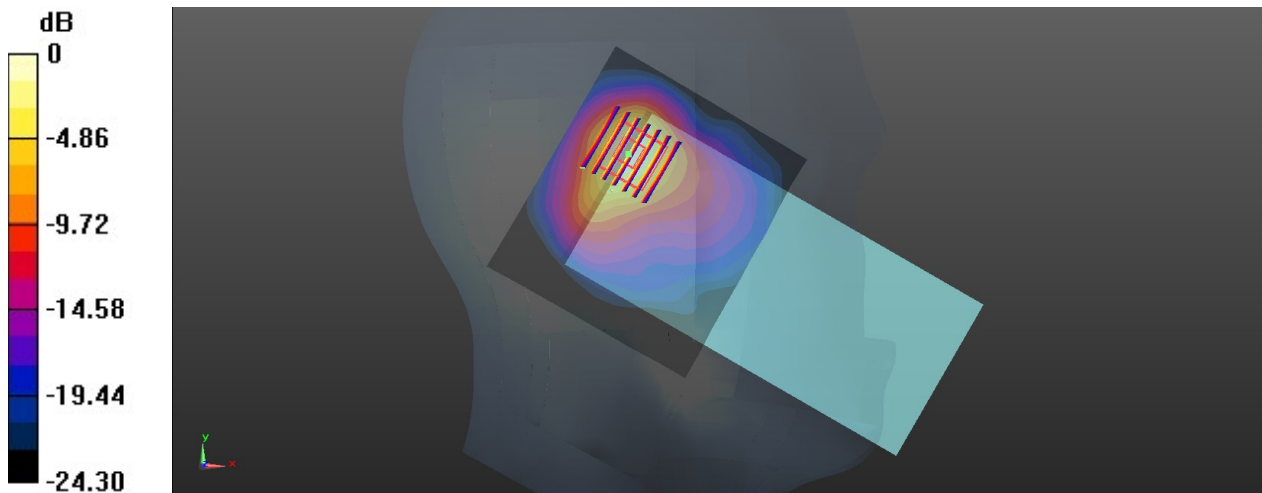
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.9 °C

**DASY5 Configuration:**

- Probe: ES3DV3 - SN3293; ConvF(4.39, 4.39, 4.39); Calibrated: 2019.11.25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn799; Calibrated: 2020.2.10
- Phantom: SAM2; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (91x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 0.761 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 12.61 V/m; Power Drift = 0.19 dB  
Peak SAR (extrapolated) = 1.23 W/kg  
**SAR(1 g) = 0.532 W/kg; SAR(10 g) = 0.232 W/kg**  
Maximum value of SAR (measured) = 0.723 W/kg



0 dB = 0.723 W/kg = -1.41 dBW/kg



### 15\_WLAN2.4GHz\_802.11b\_Right Check\_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;  $\sigma = 1.873$  S/m;  $\epsilon_r = 38.399$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.8 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.5, 7.5, 7.5); Calibrated: 2019.5.27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2019.7.23
- Phantom: SAM1; Type: SAM; Serial: TP-1697
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

**Area Scan (91x71x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.38 W/kg

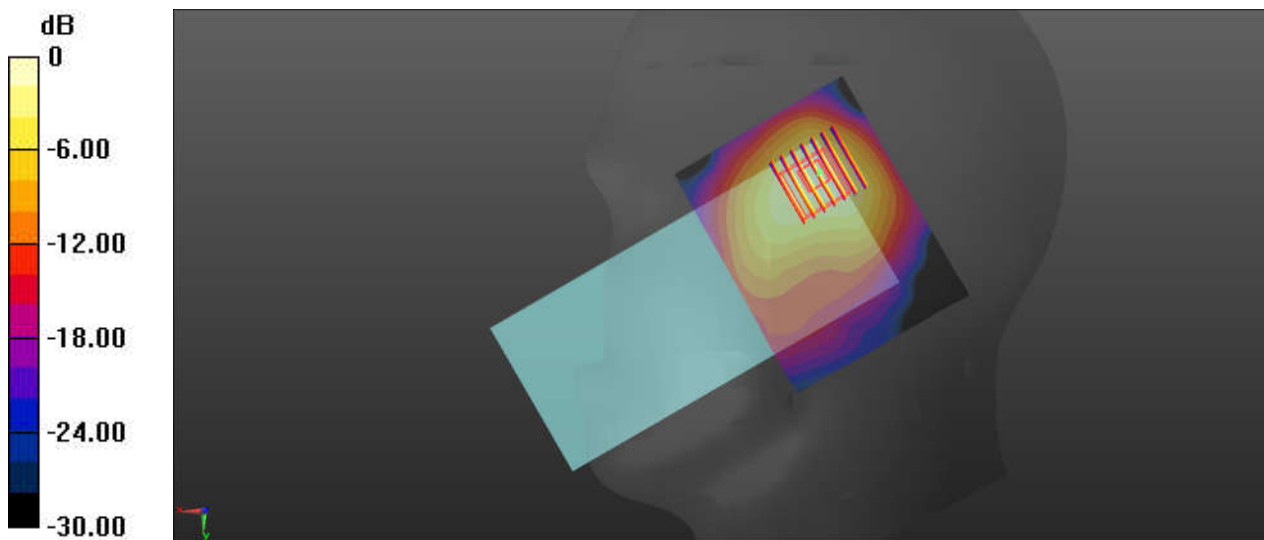
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 18.02 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.54 W/kg

**SAR(1 g) = 0.897 W/kg; SAR(10 g) = 0.464 W/kg**

Maximum value of SAR (measured) = 1.27 W/kg



0 dB = 1.38 W/kg = 1.40 dBW/kg

### 16\_WLAN5GHz\_802.11a\_Right Tilted\_0mm\_Ch60

Communication System: UID 0, 802.11a (0); Frequency: 5300 MHz;Duty Cycle: 1:1.014  
Medium: HSL\_5000 Medium parameters used:  $f = 5300$  MHz;  $\sigma = 4.729$  S/m;  $\epsilon_r = 36.938$ ;  $\rho = 1000$  kg/m<sup>3</sup>

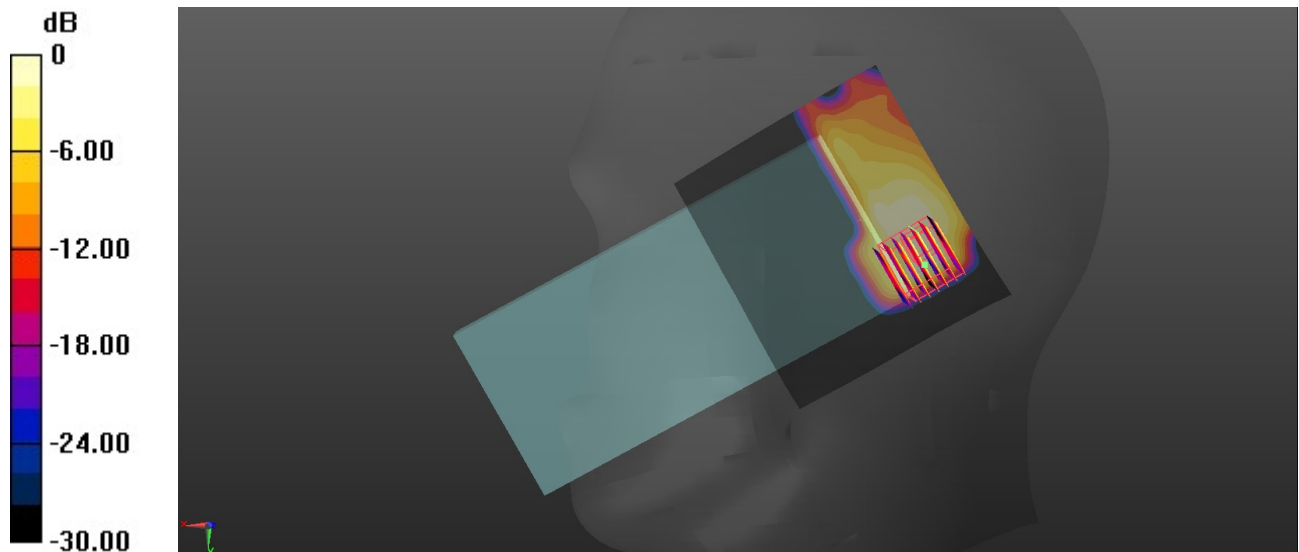
Ambient Temperature : 23.3 °C; Liquid Temperature : 22.7 °C

#### 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: SAM2; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

**Area Scan (101x91x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 0.152 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm  
Reference Value = 1.484 V/m; Power Drift = 0.03 dB  
Peak SAR (extrapolated) = 0.200 W/kg  
**SAR(1 g) = 0.058 W/kg; SAR(10 g) = 0.016 W/kg**  
Maximum value of SAR (measured) = 0.133 W/kg



0 dB = 0.152 W/kg = -8.18 dBW/kg

### 17\_WLAN5GHz\_802.11a\_Left Tilted\_0mm\_Ch132

Communication System: UID 0, 802.11a (0); Frequency: 5660 MHz; Duty Cycle: 1:1.014  
Medium: HSL\_5000 Medium parameters used:  $f = 5660$  MHz;  $\sigma = 5.044$  S/m;  $\epsilon_r = 35.806$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.3 °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: SAM2; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

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

Maximum value of SAR (interpolated) = 0.469 W/kg

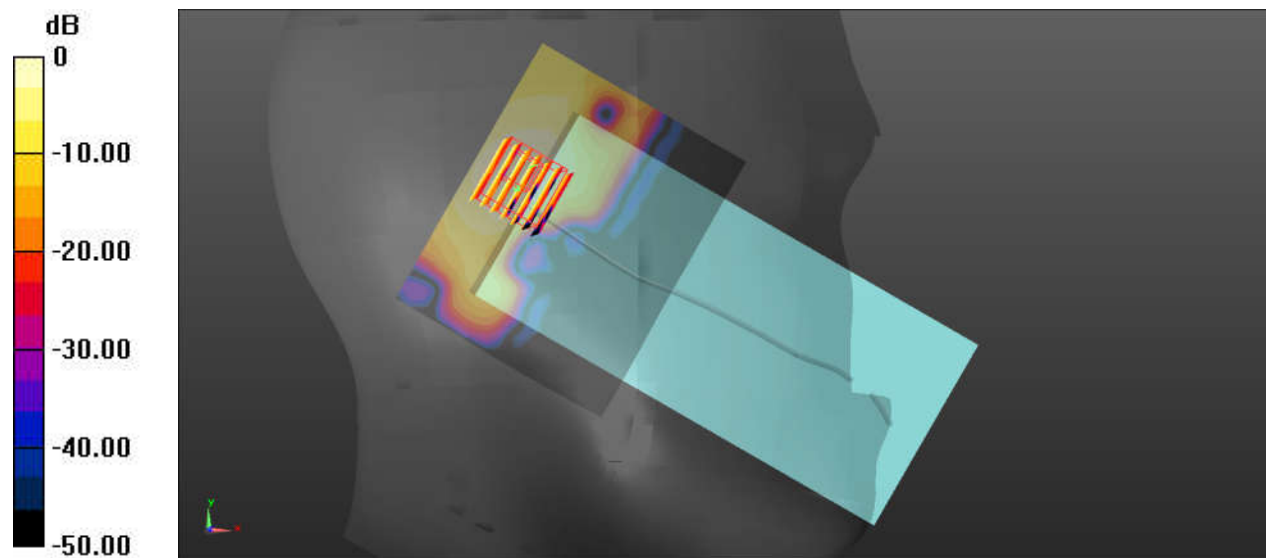
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 6.612 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.722 W/kg

**SAR(1 g) = 0.194 W/kg; SAR(10 g) = 0.069 W/kg**

Maximum value of SAR (measured) = 0.430 W/kg



0 dB = 0.469 W/kg = -3.29 dBW/kg

### 18\_WLAN5GHz\_802.11a\_Right Tilted\_0mm\_Ch165

Communication System: UID 0, 802.11a (0); Frequency: 5825 MHz; Duty Cycle: 1:1.014  
Medium: HSL\_5000 Medium parameters used:  $f = 5825$  MHz;  $\sigma = 5.217$  S/m;  $\epsilon_r = 35.587$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.6 °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: SAM2; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

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

Maximum value of SAR (interpolated) = 0.438 W/kg

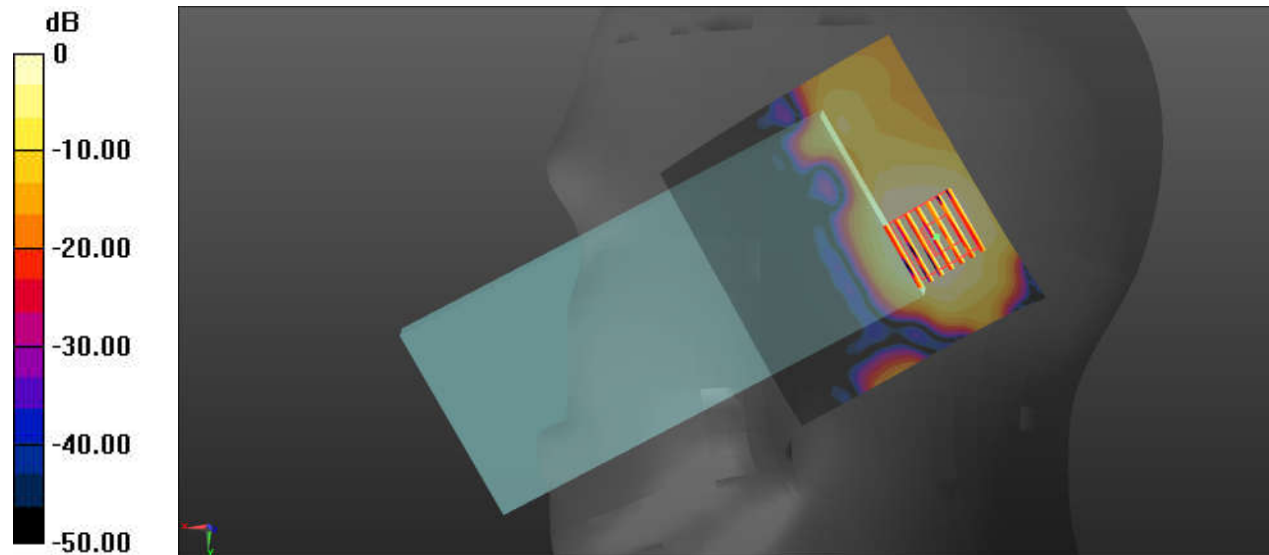
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 4.089 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.691 W/kg

**SAR(1 g) = 0.189 W/kg; SAR(10 g) = 0.070 W/kg**

Maximum value of SAR (measured) = 0.427 W/kg



0 dB = 0.438 W/kg = -3.59 dBW/kg

### 19\_Bluetooth\_1Mbps\_Right Cheek\_Ch39

Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz; Duty Cycle: 1:1.3  
Medium: HSL\_2450 Medium parameters used:  $f = 2441$  MHz;  $\sigma = 1.848$  S/m;  $\epsilon_r = 38.491$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.8 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.5, 7.5, 7.5); Calibrated: 2019.5.27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2019.7.23
- Phantom: SAM1; Type: SAM; Serial: TP-1697
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

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

Maximum value of SAR (interpolated) = 0.0124 W/kg

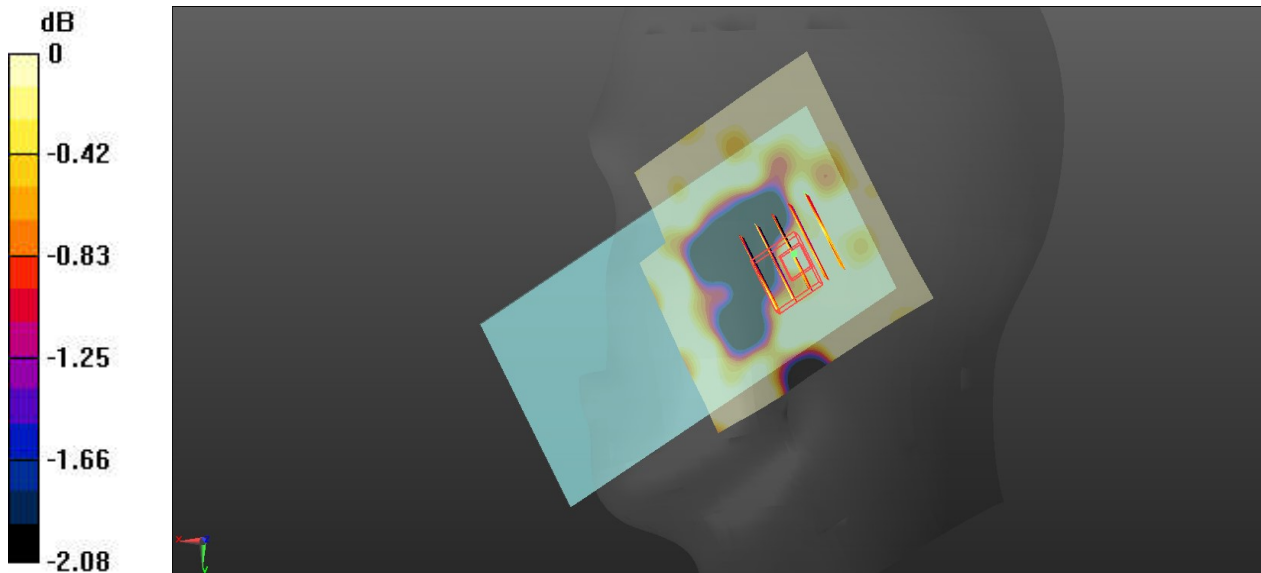
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.538 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.0160 W/kg

**SAR(1 g) = 0.018 W/kg; SAR(10 g) = 0.013 W/kg**

Maximum value of SAR (measured) = 0.0161 W/kg



0 dB = 0.0161 W/kg = -17.93 dBW/kg

**20\_GSM850\_GPRS 3 Tx slots\_Back\_5mm\_Ch251**

Communication System: UID 0, GSM 3Tx slots (0); Frequency: 848.8 MHz; Duty Cycle: 1:2.77  
 Medium: HSL\_850 Medium parameters used:  $f = 849$  MHz;  $\sigma = 0.933$  S/m;  $\epsilon_r = 40.393$ ;  $\rho = 1000$  kg/m<sup>3</sup>

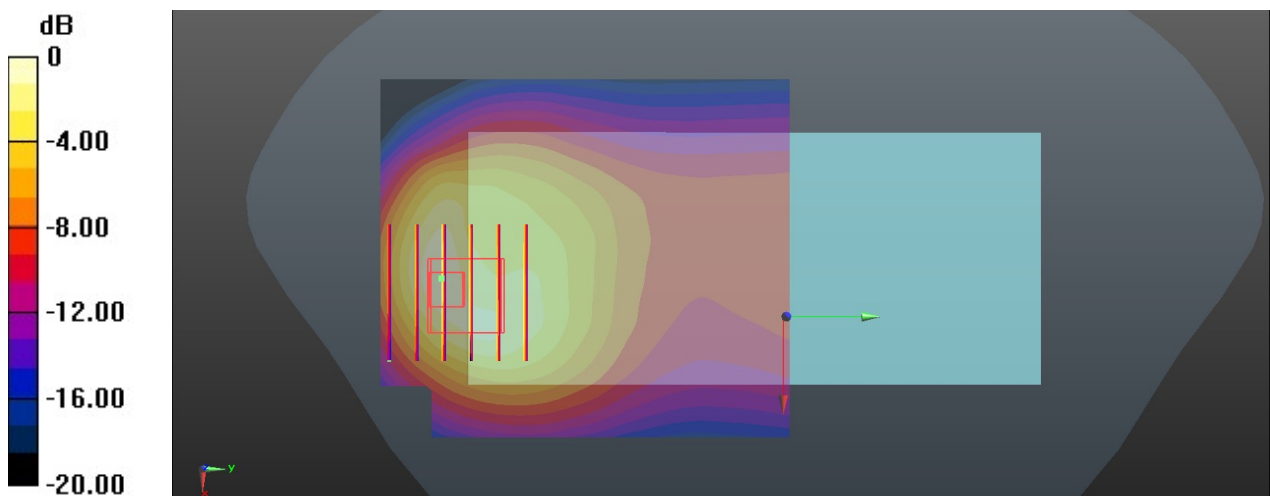
Ambient Temperature : 23.3 °C; Liquid Temperature : 22.6 °C

**DASY5 Configuration:**

- Probe: ES3DV3 - SN3166; ConvF(6.29, 6.29, 6.29); Calibrated: 2020.3.2
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2019.11.20
- Phantom: SAM1; Type: SAM; Serial: TP-1697
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (71x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
 Maximum value of SAR (interpolated) = 1.29 W/kg

**Zoom Scan (6x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
 Reference Value = 14.64 V/m; Power Drift = -0.02 dB  
 Peak SAR (extrapolated) = 2.03 W/kg  
**SAR(1 g) = 0.995 W/kg; SAR(10 g) = 0.552 W/kg**  
 Maximum value of SAR (measured) = 1.33 W/kg



0 dB = 1.33 W/kg = 1.24 dBW/kg

**21\_GSM1900\_GPRS 3 Tx slots\_Bottom Side\_5mm\_Ch512**

Communication System: UID 0, GSM 3Tx slots (0); Frequency: 1850.2 MHz; Duty Cycle: 1:2.77  
 Medium: HSL\_1900 Medium parameters used:  $f = 1850.2$  MHz;  $\sigma = 1.376$  S/m;  $\epsilon_r = 38.743$ ;  $\rho = 1000$  kg/m<sup>3</sup>

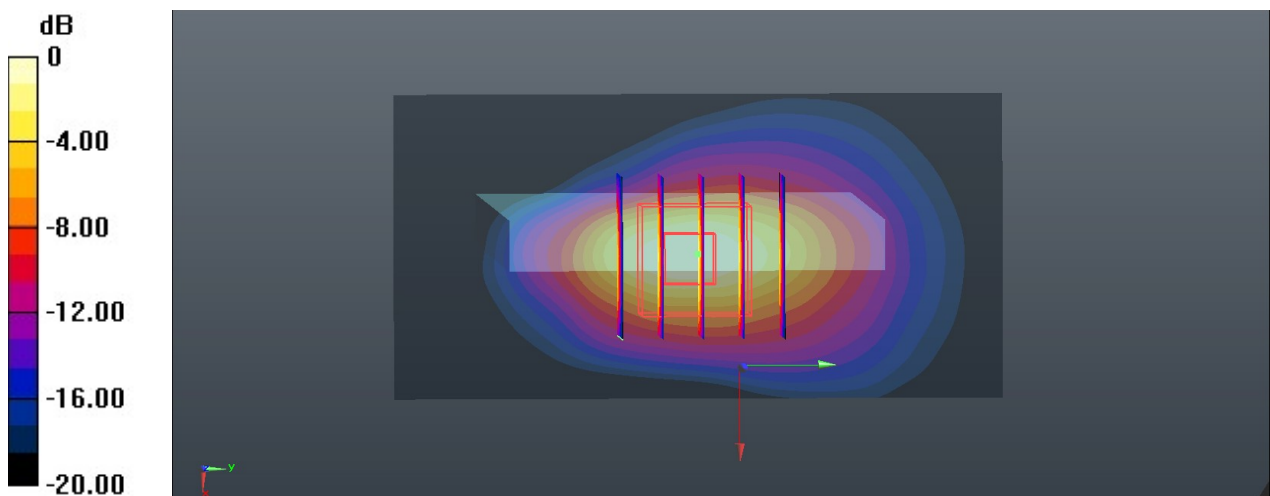
Ambient Temperature : 23.4 °C; Liquid Temperature : 22.9 °C

**DASY5 Configuration:**

- Probe: ES3DV3 - SN3166; ConvF(5.16, 5.16, 5.16); Calibrated: 2020.3.2
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2019.11.20
- Phantom: SAM1; Type: SAM; Serial: TP-1697
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (41x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
 Maximum value of SAR (interpolated) = 1.37 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
 Reference Value = 31.99 V/m; Power Drift = -0.08 dB  
 Peak SAR (extrapolated) = 2.08 W/kg  
**SAR(1 g) = 1.06 W/kg; SAR(10 g) = 0.488 W/kg**  
 Maximum value of SAR (measured) = 1.39 W/kg



0 dB = 1.39 W/kg = 1.43 dBW/kg

## 22\_CDMA BC0\_RTAP 153.6Kbps\_Back\_5mm\_Ch777

Communication System: UID 0, CDMA (0); Frequency: 848.31 MHz; Duty Cycle: 1:1  
Medium: HSL\_850 Medium parameters used:  $f = 848.31$  MHz;  $\sigma = 0.932$  S/m;  $\epsilon_r = 40.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

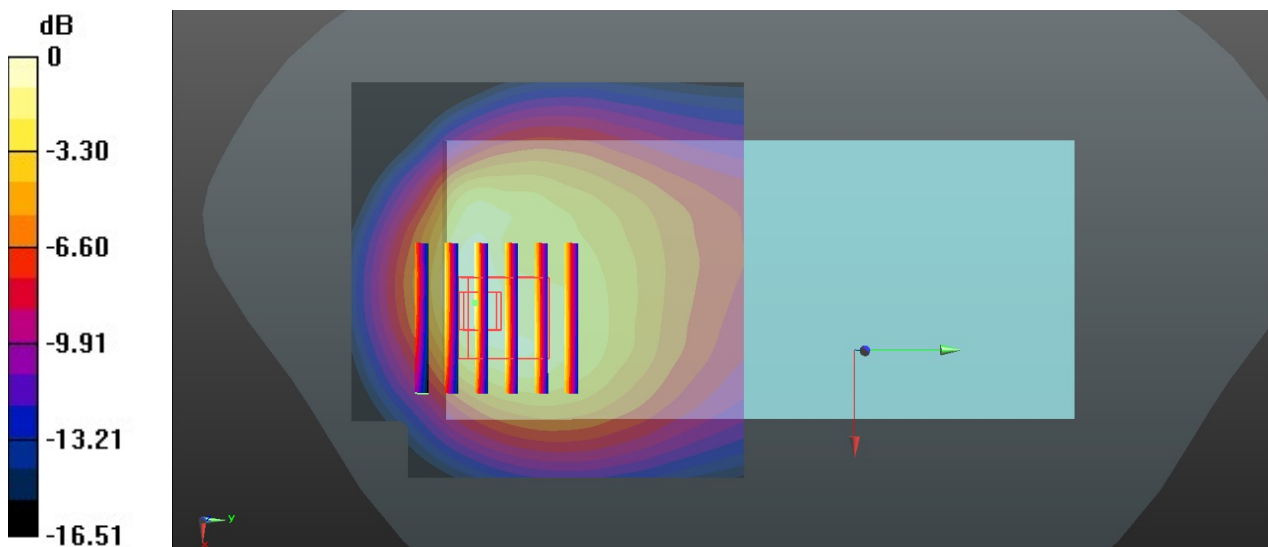
Ambient Temperature : 23.3 °C; Liquid Temperature : 22.6 °C

### DASY5 Configuration:

- Probe: ES3DV3 - SN3166; ConvF(6.29, 6.29, 6.29); Calibrated: 2020.3.2
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2019.11.20
- Phantom: SAM1; Type: SAM; Serial: TP-1697
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (71x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 1.35 W/kg

**Zoom Scan (6x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 15.51 V/m; Power Drift = 0.06 dB  
Peak SAR (extrapolated) = 2.05 W/kg  
**SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.575 W/kg**  
Maximum value of SAR (measured) = 1.33 W/kg



0 dB = 1.33 W/kg = 1.24 dBW/kg



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

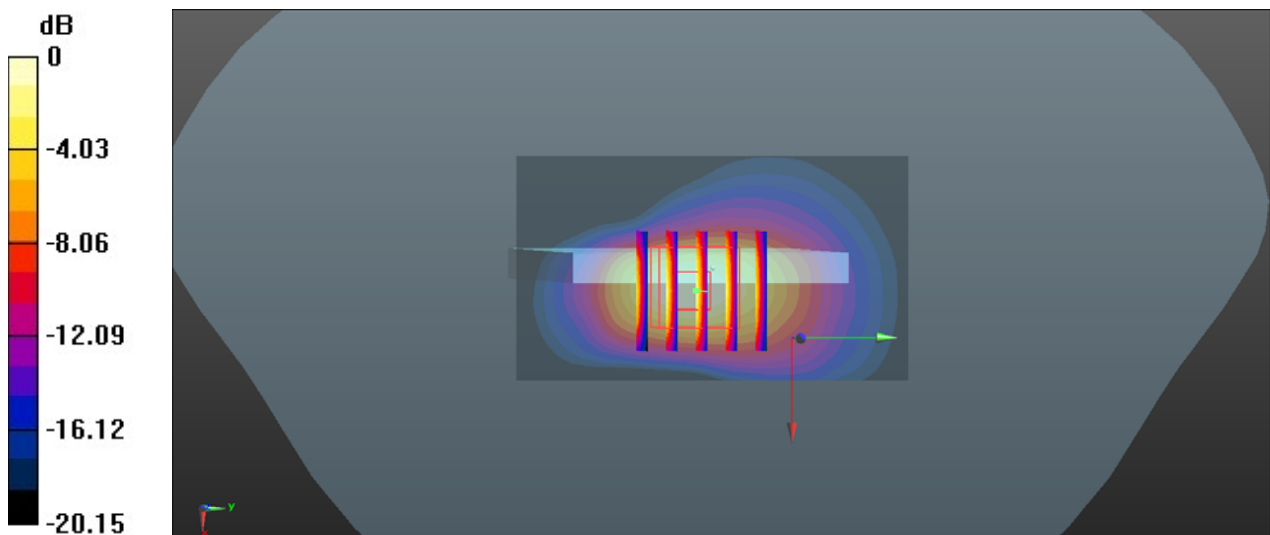
Communication System: UID 0, CDMA (0); Frequency: 1851.25 MHz; Duty Cycle: 1:1  
 Medium: HSL\_1900 Medium parameters used:  $f = 1851.25$  MHz;  $\sigma = 1.434$  S/m;  $\epsilon_r = 38.495$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Ambient Temperature : 23.4 °C; Liquid Temperature : 22.9 °C

**DASY5 Configuration:**

- Probe: ES3DV3 - SN3166; ConvF(5.16, 5.16, 5.16); Calibrated: 2020.3.2
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2019.11.20
- Phantom: SAM1; Type: SAM; Serial: TP-1697
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (81x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
 Maximum value of SAR (interpolated) = 1.12 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
 Reference Value = 4.651 V/m; Power Drift = 0.01 dB  
 Peak SAR (extrapolated) = 1.67 W/kg  
**SAR(1 g) = 0.846 W/kg; SAR(10 g) = 0.455 W/kg**  
 Maximum value of SAR (measured) = 1.15 W/kg



0 dB = 1.15 W/kg = 0.61 dBW/kg