

## #01\_GSM850\_GPRS (4 Tx slots)\_Left Cheek\_Ch189

Communication System: GSM850 ; Frequency: 836.4 MHz; Duty Cycle: 1:2.08

Medium: HSL\_850\_160307 Medium parameters used :  $f = 836.4$  MHz;  $\sigma = 0.922$  S/m;  $\epsilon_r = 39.958$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °C

## DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.32, 6.32, 6.32); Calibrated: 2015/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2016/2/18
- Phantom: SAM-Right; Type: SAM; Serial: 1795
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch189/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.214 W/kg

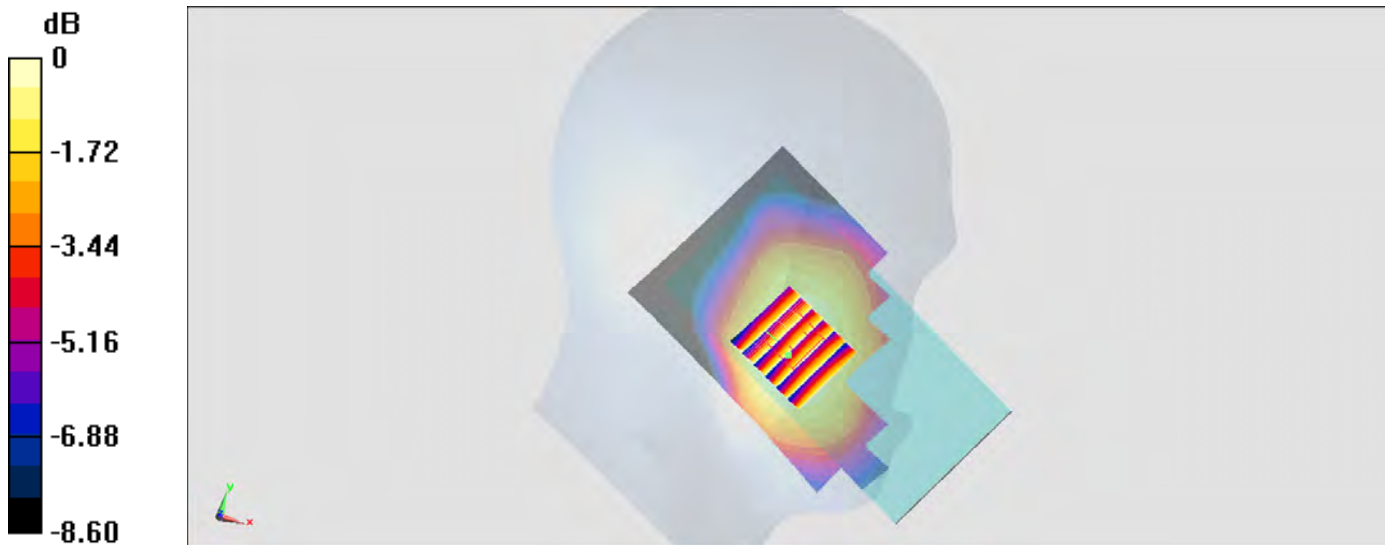
Configuration/Ch189/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.38 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.250 W/kg

SAR(1 g) = 0.176 W/kg; SAR(10 g) = 0.138 W/kg

Maximum value of SAR (measured) = 0.209 W/kg



0 dB = 0.209 W/kg = -6.80 dBW/kg

## #02\_GSM1900\_GPRS (4 Tx slots)\_Right Cheek\_Ch810

Communication System: PCS ; Frequency: 1909.8 MHz; Duty Cycle: 1:2.08

Medium: HSL\_1900\_160306 Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.413$  S/m;  $\epsilon_r = 39.588$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C ; Liquid Temperature : 22.7 °C

## DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(5.12, 5.12, 5.12); Calibrated: 2015/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2016/2/18
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch810/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.171 W/kg

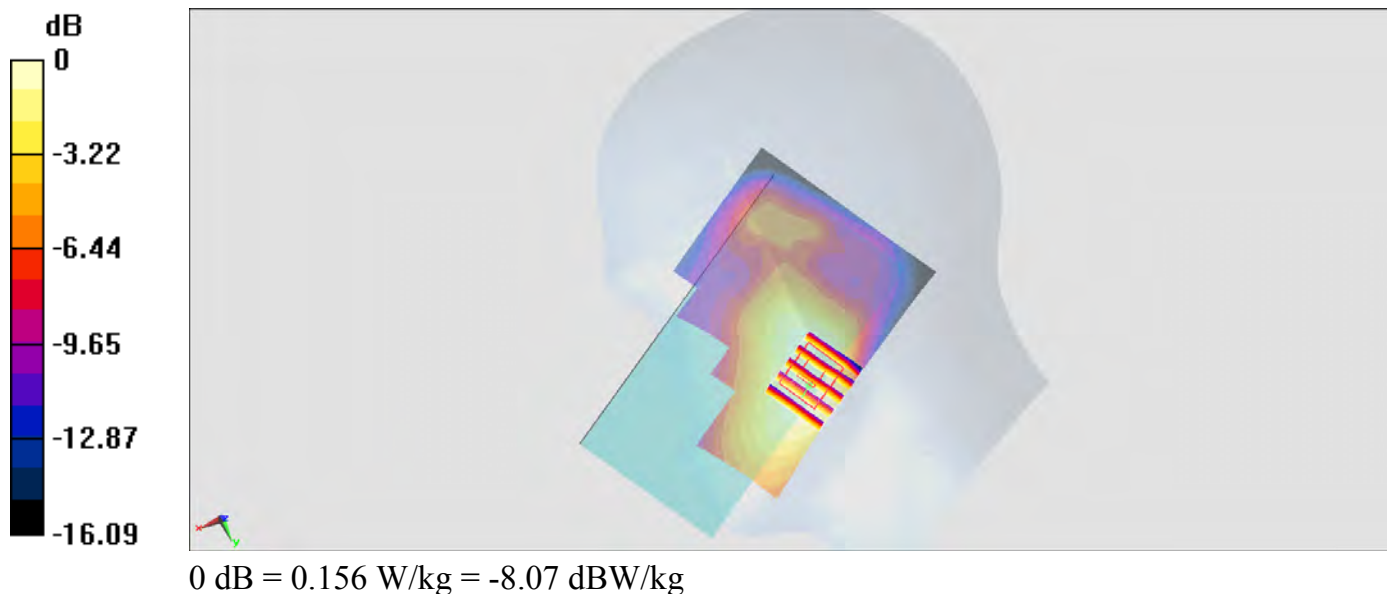
Configuration/Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.25 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.189 W/kg

SAR(1 g) = 0.121 W/kg; SAR(10 g) = 0.081 W/kg

Maximum value of SAR (measured) = 0.156 W/kg



## #03\_WCDMA II\_RMC 12.2Kbps\_Right Cheek\_Ch9538

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

Medium: HSL\_1900\_160306 Medium parameters used:  $f = 1908$  MHz;  $\sigma = 1.411$  S/m;  $\epsilon_r = 39.598$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C ; Liquid Temperature : 22.7 °C

## DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(5.12, 5.12, 5.12); Calibrated: 2015/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2016/2/18
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch9538/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.267 W/kg

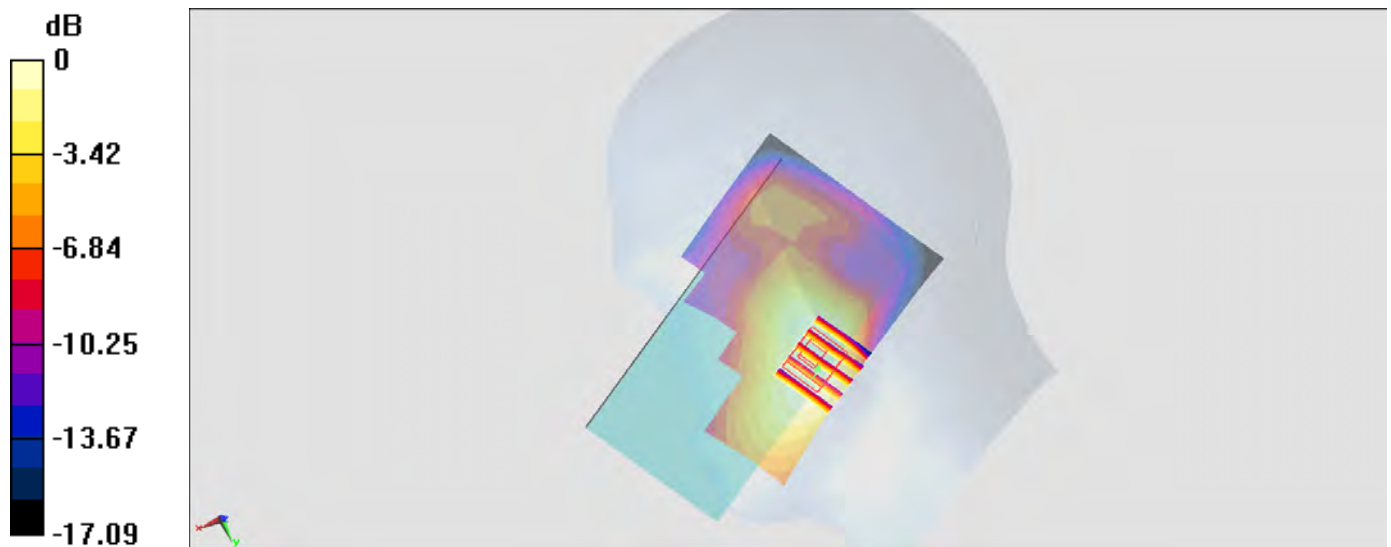
Configuration/Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.05 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.314 W/kg

SAR(1 g) = 0.196 W/kg; SAR(10 g) = 0.130 W/kg

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



0 dB = 0.257 W/kg = -5.90 dBW/kg

## #04\_WCDMA V\_RMC 12.2Kbps\_Left Cheek\_Ch4132

Communication System: WCDMA ; Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium: HSL\_850\_160307 Medium parameters used :  $f = 826.4$  MHz;  $\sigma = 0.913$  S/m;  $\epsilon_r = 40.097$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °C

## DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.32, 6.32, 6.32); Calibrated: 2015/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2016/2/18
- Phantom: SAM-Right; Type: SAM; Serial: 1795
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch4132/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.120 W/kg

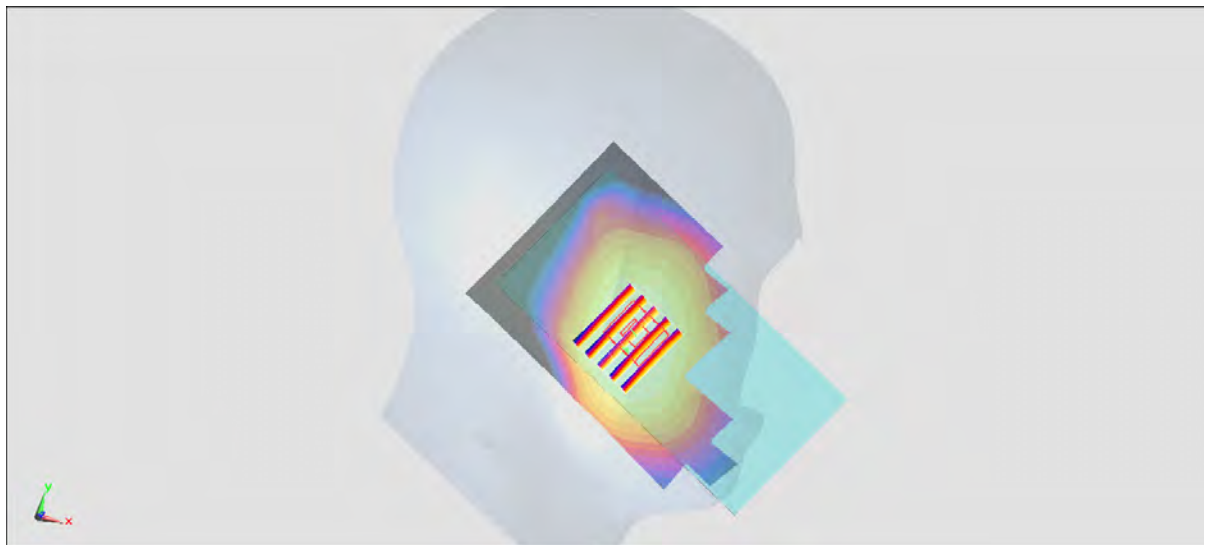
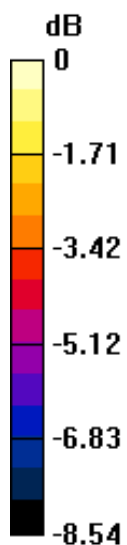
Configuration/Ch4132/Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.45 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.145 W/kg

SAR(1 g) = 0.102 W/kg; SAR(10 g) = 0.081 W/kg

Maximum value of SAR (measured) = 0.121 W/kg



0 dB = 0.121 W/kg = -9.17 dBW/kg

## #05\_LTE Band 2\_20M\_QPSK\_1\_0\_Right Cheek\_Ch19100

Communication System: LTE ; Frequency: 1900 MHz;Duty Cycle: 1:1

Medium: HSL\_1900\_160306 Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.404$  S/m;  $\epsilon_r = 39.627$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C ; Liquid Temperature : 22.7 °C

## DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(5.12, 5.12, 5.12); Calibrated: 2015/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2016/2/18
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Configuration/Ch19100/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.238 W/kg

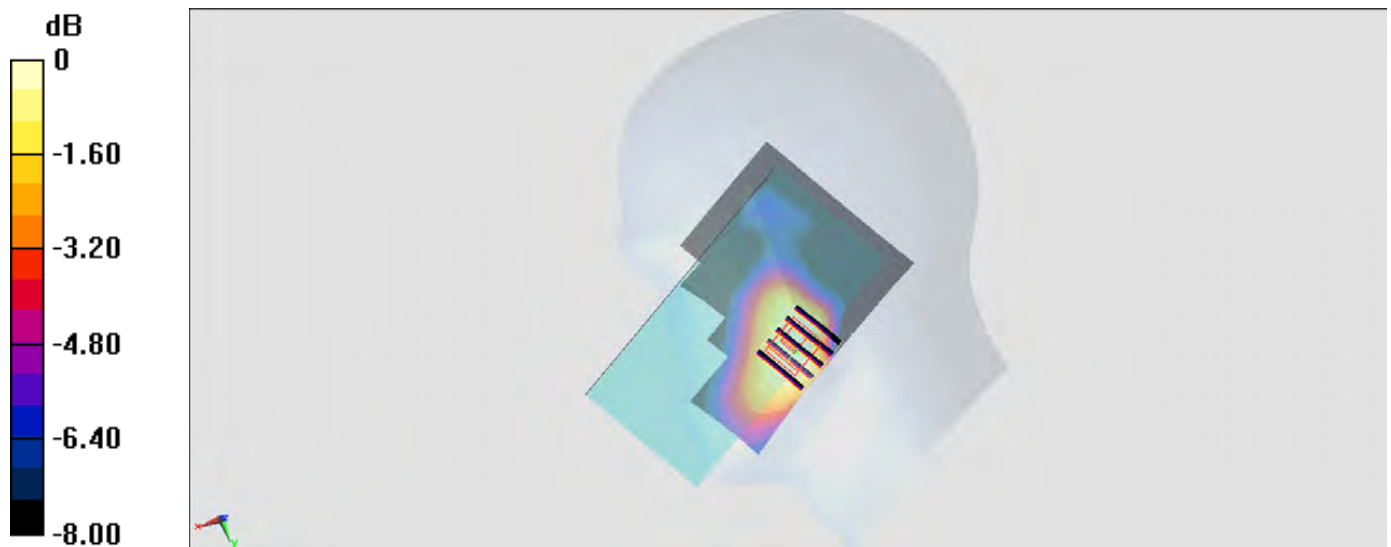
Configuration/Ch19100/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.14 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.276 W/kg

SAR(1 g) = 0.173 W/kg; SAR(10 g) = 0.117 W/kg

Maximum value of SAR (measured) = 0.227 W/kg



0 dB = 0.227 W/kg = -6.44 dBW/kg

## #06\_LTE Band 5\_10M\_QPSK\_1\_0\_Left Cheek\_Ch20450

Communication System: LTE ; Frequency: 829 MHz;Duty Cycle: 1:1

Medium: HSL\_850\_160307 Medium parameters used:  $f = 829$  MHz;  $\sigma = 0.915$  S/m;  $\epsilon_r = 40.062$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °C

## DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.32, 6.32, 6.32); Calibrated: 2015/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2016/2/18
- Phantom: SAM-Right; Type: SAM; Serial: 1795
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Configuration/Ch20450/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.169 W/kg

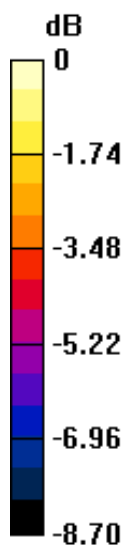
Configuration/Ch20450/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.73 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.198 W/kg

SAR(1 g) = 0.141 W/kg; SAR(10 g) = 0.110 W/kg

Maximum value of SAR (measured) = 0.168 W/kg



0 dB = 0.168 W/kg = -7.75 dBW/kg

## #07\_LTE Band 7\_20M\_QPSK\_1\_0\_Right Cheek\_Ch21350

Communication System: LTE ; Frequency: 2560 MHz;Duty Cycle: 1:1

Medium: HSL\_2600\_160305 Medium parameters used:  $f = 2560$  MHz;  $\sigma = 1.951$  S/m;  $\epsilon_r = 39.033$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C ; Liquid Temperature : 22.7 °C

## DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.44, 4.44, 4.44); Calibrated: 2015/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1490; Calibrated: 2015/9/14
- Phantom: SAM-Right; Type: SAM; Serial: 1795
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Configuration/Ch21350/Area Scan (91x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0820 W/kg

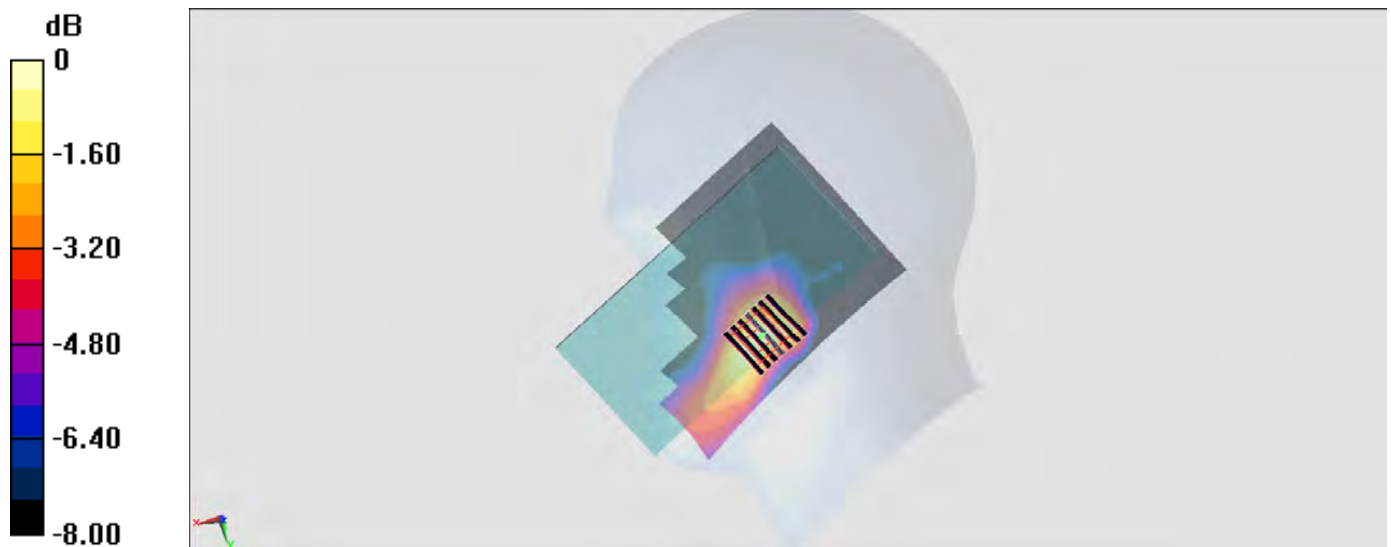
Configuration/Ch21350/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.339 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.112 W/kg

SAR(1 g) = 0.062 W/kg; SAR(10 g) = 0.035 W/kg

Maximum value of SAR (measured) = 0.0858 W/kg



0 dB = 0.0858 W/kg = -10.67 dBW/kg



## #08\_WLAN2.4GHz\_802.11b 1Mbps\_Right Cheek\_Ch1

Communication System: 802.11b ; Frequency: 2412 MHz;Duty Cycle: 1:1

Medium: HSL\_2450\_160310 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.766$  S/m;  $\epsilon_r = 40.343$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C ; Liquid Temperature : 22.7 °C

## DASY5 Configuration

- Probe: EX3DV4 - SN3925; ConvF(7.38, 7.38, 7.38); Calibrated: 2015/5/27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2015/5/22
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch1/Area Scan (91x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 1.74 W/kg

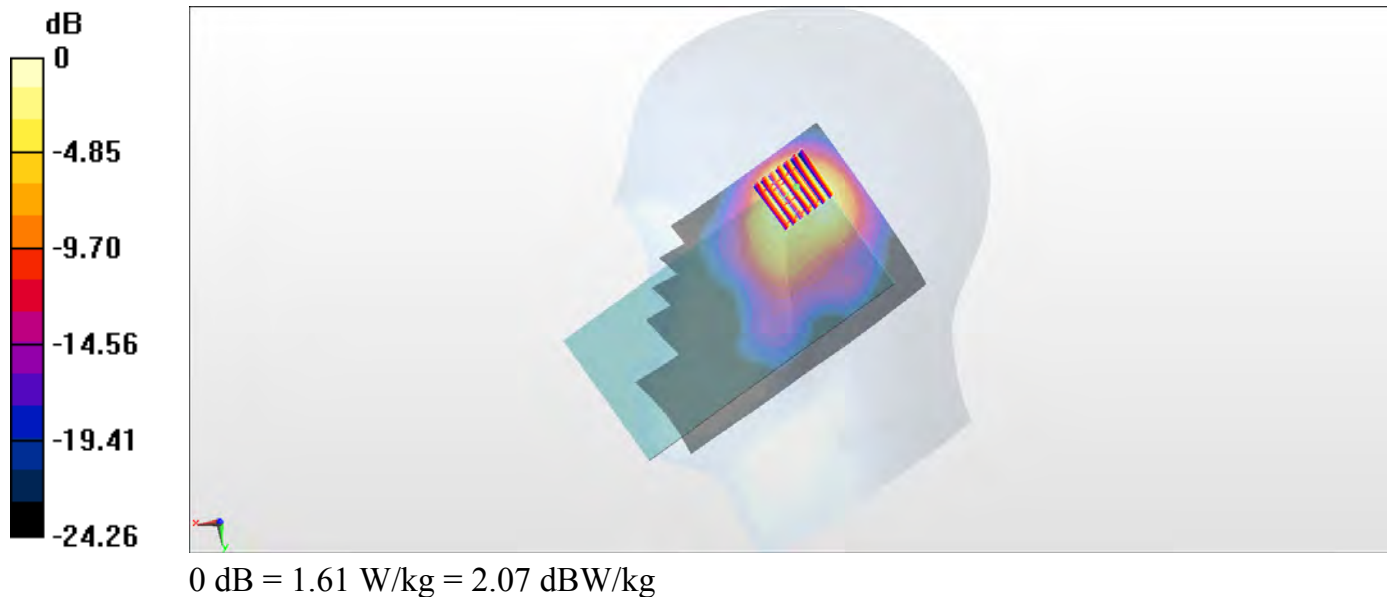
Configuration/Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 20.19 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 2.03 W/kg

SAR(1 g) = 1.02 W/kg; SAR(10 g) = 0.508 W/kg

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





## #09\_WLAN5GHz\_802.11a 6Mbps\_Right Tilted\_Ch64

Communication System: 802.11a ; Frequency: 5320 MHz;Duty Cycle: 1:1.029

Medium: HSL\_5G\_160301 Medium parameters used:  $f = 5320$  MHz;  $\sigma = 4.693$  S/m;  $\epsilon_r = 36.34$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.3 °C

## DASY5 Configuration

- Probe: EX3DV4 - SN3955; ConvF(5.08, 5.08, 5.08); Calibrated: 2015/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: S/N:1796
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch64/Area Scan (121x201x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 1.56 W/kg

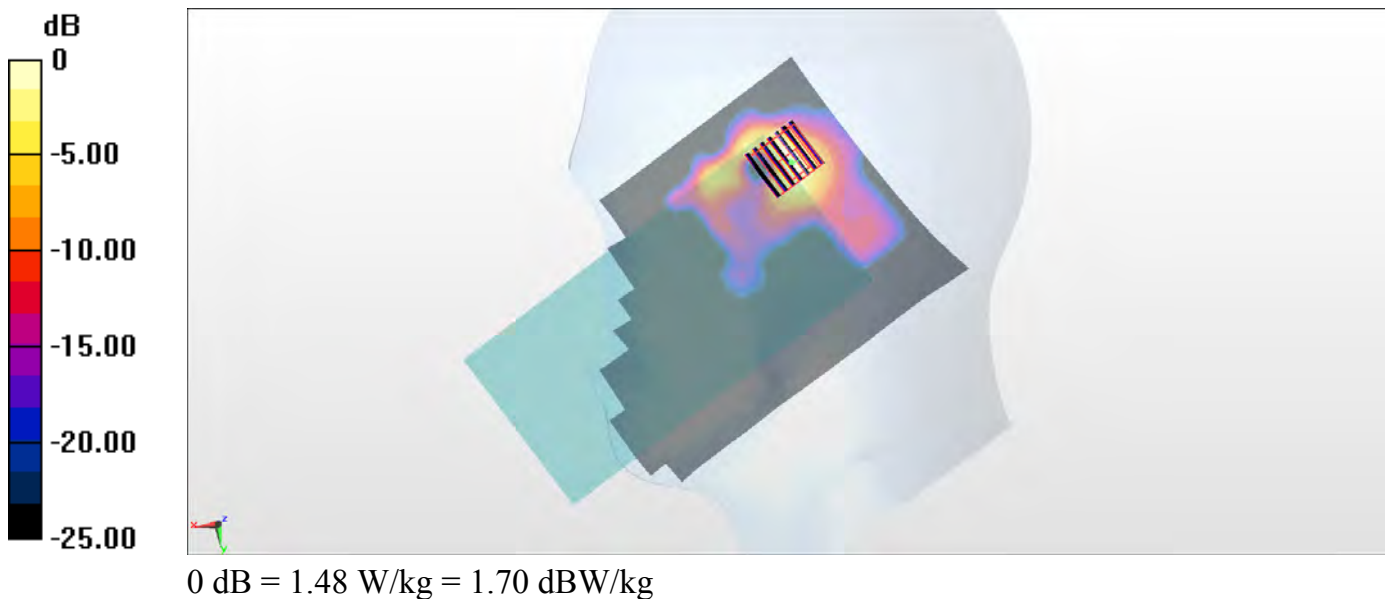
Configuration/Ch64/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 16.88 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 2.67 W/kg

SAR(1 g) = 0.581 W/kg; SAR(10 g) = 0.150 W/kg

Maximum value of SAR (measured) = 1.48 W/kg



**#10\_WLAN5GHz\_802.11a 6Mbps\_Right Tilted\_Ch132**

Communication System: 802.11a ; Frequency: 5660 MHz; Duty Cycle: 1:1.029

Medium: HSL\_5G\_160302 Medium parameters used:  $f = 5660$  MHz;  $\sigma = 5.014$  S/m;  $\epsilon_r = 35.941$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.3 °C

**DASY5 Configuration**

- Probe: EX3DV4 - SN3955; ConvF(4.39, 4.39, 4.39); Calibrated: 2015/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: S/N:1796
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Configuration/Ch132/Area Scan (121x201x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

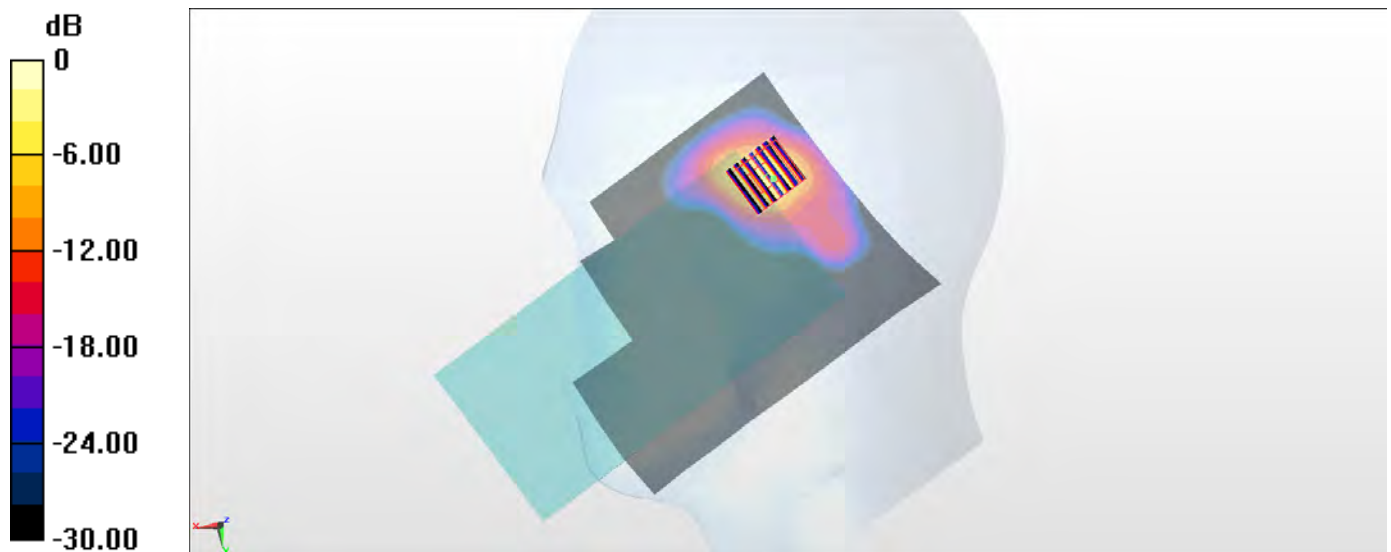
**Configuration/Ch132/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 17.05 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 5.06 W/kg

**SAR(1 g) = 1.15 W/kg; SAR(10 g) = 0.304 W/kg**

Maximum value of SAR (measured) = 3.12 W/kg



0 dB = 3.12 W/kg = 4.94 dBW/kg

## #11\_WLAN5GHz\_802.11a 6Mbps\_Left Tilted\_Ch165

Communication System: 802.11a ; Frequency: 5825 MHz;Duty Cycle: 1:1.029

Medium: HSL\_5G\_160301 Medium parameters used:  $f = 5825$  MHz;  $\sigma = 5.197$  S/m;  $\epsilon_r = 35.659$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.3 °C

## DASY5 Configuration

- Probe: EX3DV4 - SN3955; ConvF(4.41, 4.41, 4.41); Calibrated: 2015/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: S/N:1796
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch165/Area Scan (121x201x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

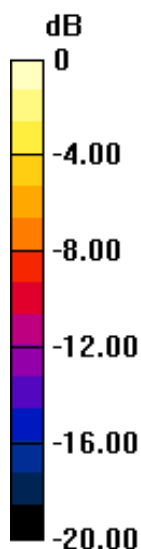
Configuration/Ch165/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 15.59 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 3.61 W/kg

SAR(1 g) = 0.988 W/kg; SAR(10 g) = 0.330 W/kg

Maximum value of SAR (measured) = 2.27 W/kg



0 dB = 2.27 W/kg = 3.56 dBW/kg

## #12\_GSM850\_GPRS (4 Tx slots)\_Back\_10mm\_Ch189

Communication System: GSM850; Frequency: 836.4 MHz; Duty Cycle: 1:2.08

Medium: MSL\_850\_160308 Medium parameters used :  $f = 836.4$  MHz;  $\sigma = 0.995$  S/m;  $\epsilon_r = 57.532$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.3 °C

## DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.24, 6.24, 6.24); Calibrated: 2015/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2016/2/18
- Phantom: SAM-Right; Type: SAM; Serial: 1795
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch189/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.750 W/kg

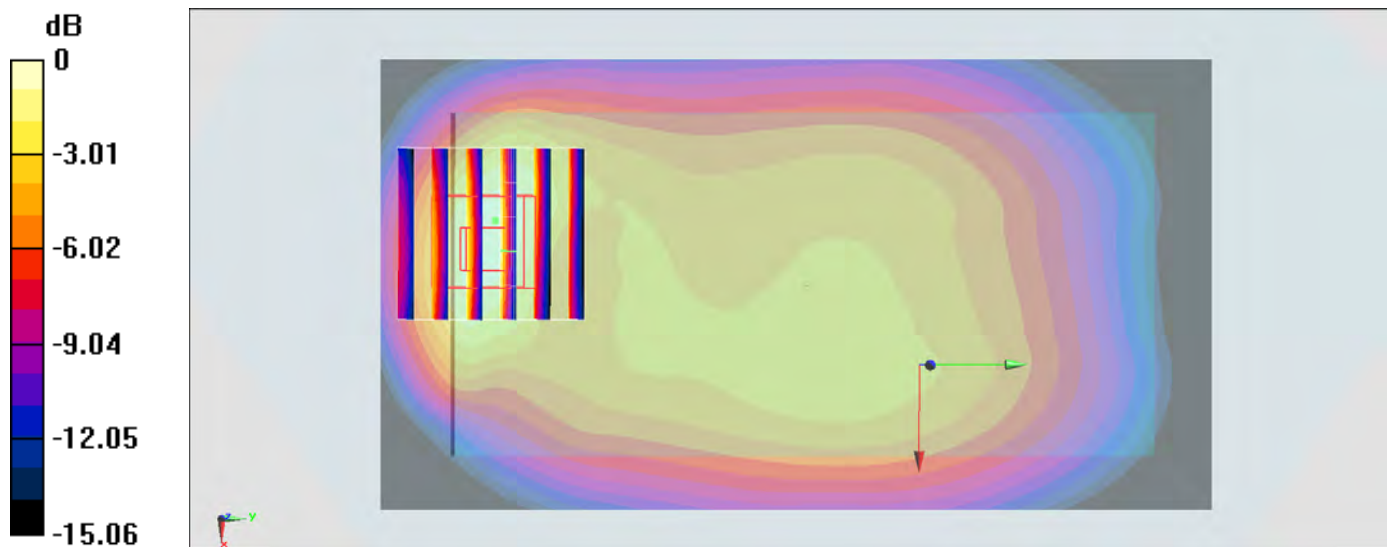
Configuration/Ch189/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.34 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 1.32 W/kg

SAR(1 g) = 0.600 W/kg; SAR(10 g) = 0.324 W/kg

Maximum value of SAR (measured) = 0.811 W/kg



0 dB = 0.811 W/kg = -0.91 dBW/kg

**#13\_GSM1900\_GPRS (4 Tx slots)\_Back\_10mm\_Ch810**

Communication System: PCS; Frequency: 1909.8 MHz; Duty Cycle: 1:2.08

Medium: MSL\_1900\_160229 Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.537$  mho/m;  $\epsilon_r = 54.163$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.3 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3925; ConvF(7.9, 7.9, 7.9); Calibrated: 2015/5/27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2015/5/22
- Phantom: SAM\_Left; Type: SAM; Serial: TP-1303
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch810/Area Scan (71x131x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.482 mW/g

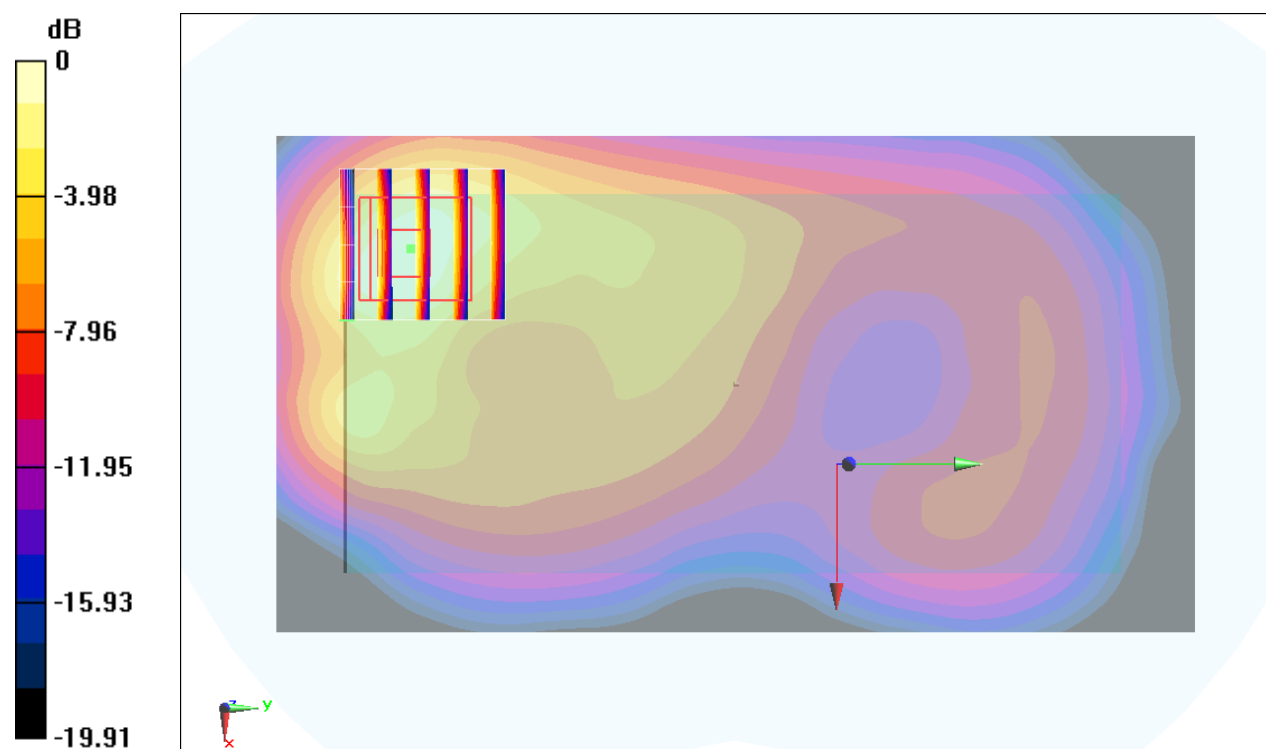
**Configuration/Ch810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.182 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.633 mW/g

**SAR(1 g) = 0.355 mW/g; SAR(10 g) = 0.189 mW/g**

Maximum value of SAR (measured) = 0.513 mW/g



**#14\_WCDMA II\_RMC 12.2Kbps\_Back\_10mm\_Ch9538**

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

Medium: MSL\_1900\_160229 Medium parameters used:  $f = 1908$  MHz;  $\sigma = 1.535$  mho/m;  $\epsilon_r = 54.167$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3925; ConvF(7.9, 7.9, 7.9); Calibrated: 2015/5/27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2015/5/22
- Phantom: SAM\_Left; Type: SAM; Serial: TP-1303
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch9538/Area Scan (71x71x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.774 mW/g

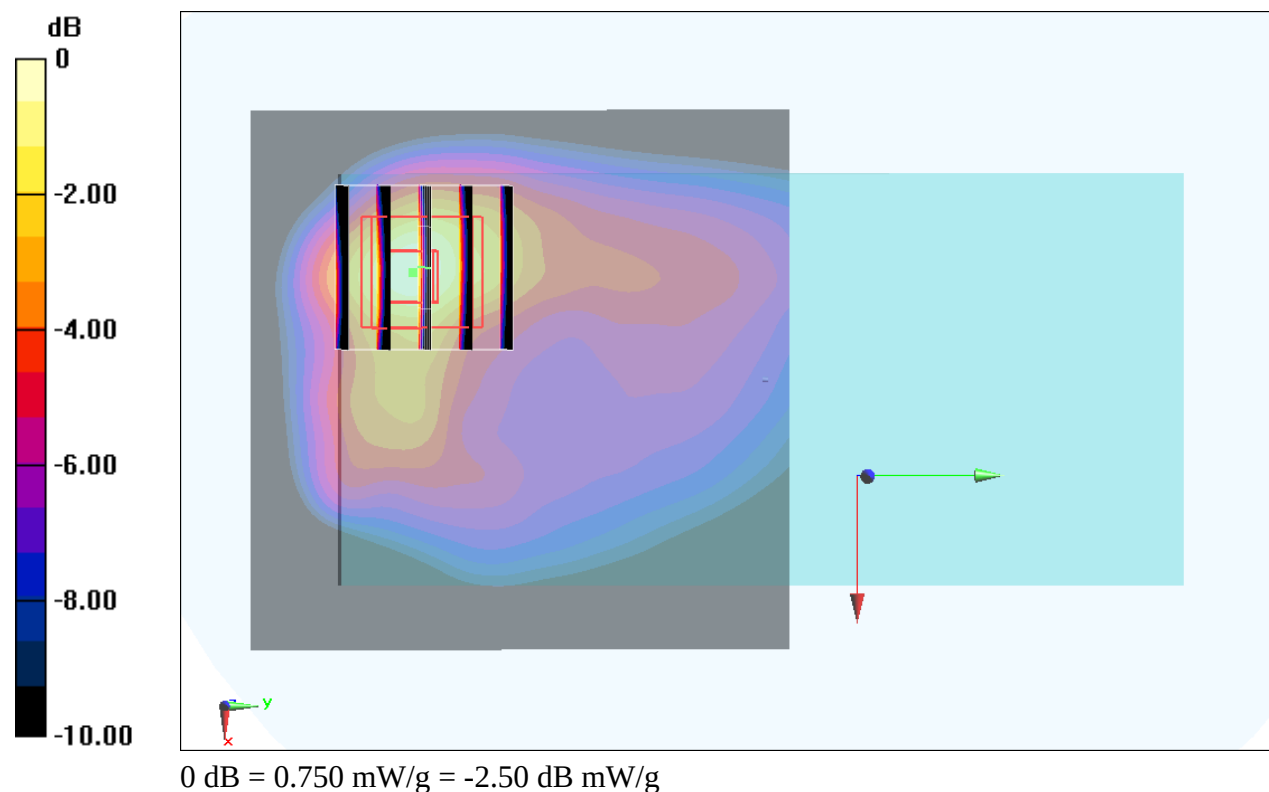
**Configuration/Ch9538/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.020 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.906 mW/g

**SAR(1 g) = 0.519 mW/g; SAR(10 g) = 0.280 mW/g**

Maximum value of SAR (measured) = 0.750 mW/g



**#15\_WCDMA V\_RMC 12.2Kbps\_Back\_10mm\_Ch4132**

Communication System: WCDMA; Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium: MSL\_850\_160304 Medium parameters used:  $f = 826.4$  MHz;  $\sigma = 0.993$  mho/m;  $\epsilon_r = 56.65$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.3 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3925; ConvF(9.93, 9.93, 9.93); Calibrated: 2015/5/27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2015/5/22
- Phantom: SAM\_Left; Type: SAM; Serial: TP-1303
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch4132/Area Scan (71x131x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.410 mW/g

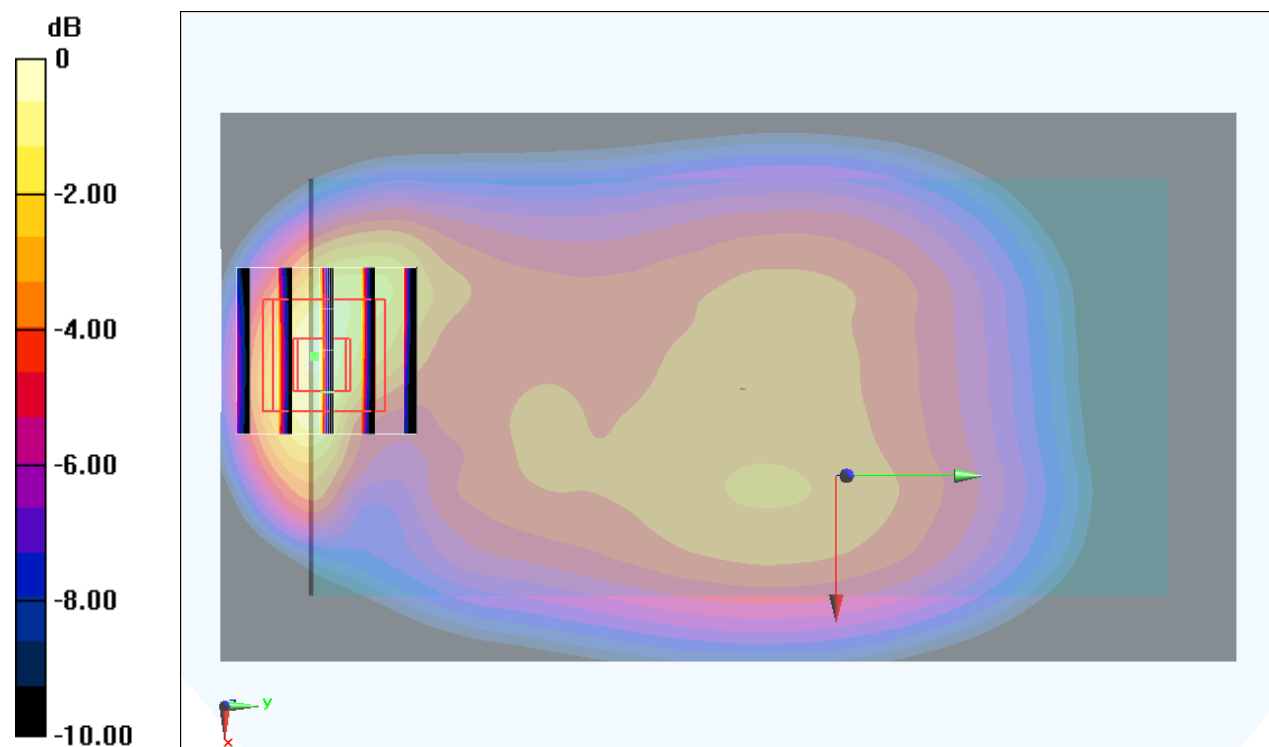
**Configuration/Ch4132/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.828 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.556 mW/g

**SAR(1 g) = 0.308 mW/g; SAR(10 g) = 0.174 mW/g**

Maximum value of SAR (measured) = 0.460 mW/g





**#16\_LTE Band 2\_20M\_QPSK\_1\_0\_Back\_10mm\_Ch19100**

Communication System: LTE; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: MSL\_1900\_160229 Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.528$  mho/m;  $\epsilon_r = 54.189$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3925; ConvF(7.9, 7.9, 7.9); Calibrated: 2015/5/27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2015/5/22
- Phantom: SAM\_Left; Type: SAM; Serial: TP-1303
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch19100/Area Scan (71x91x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.726 mW/g

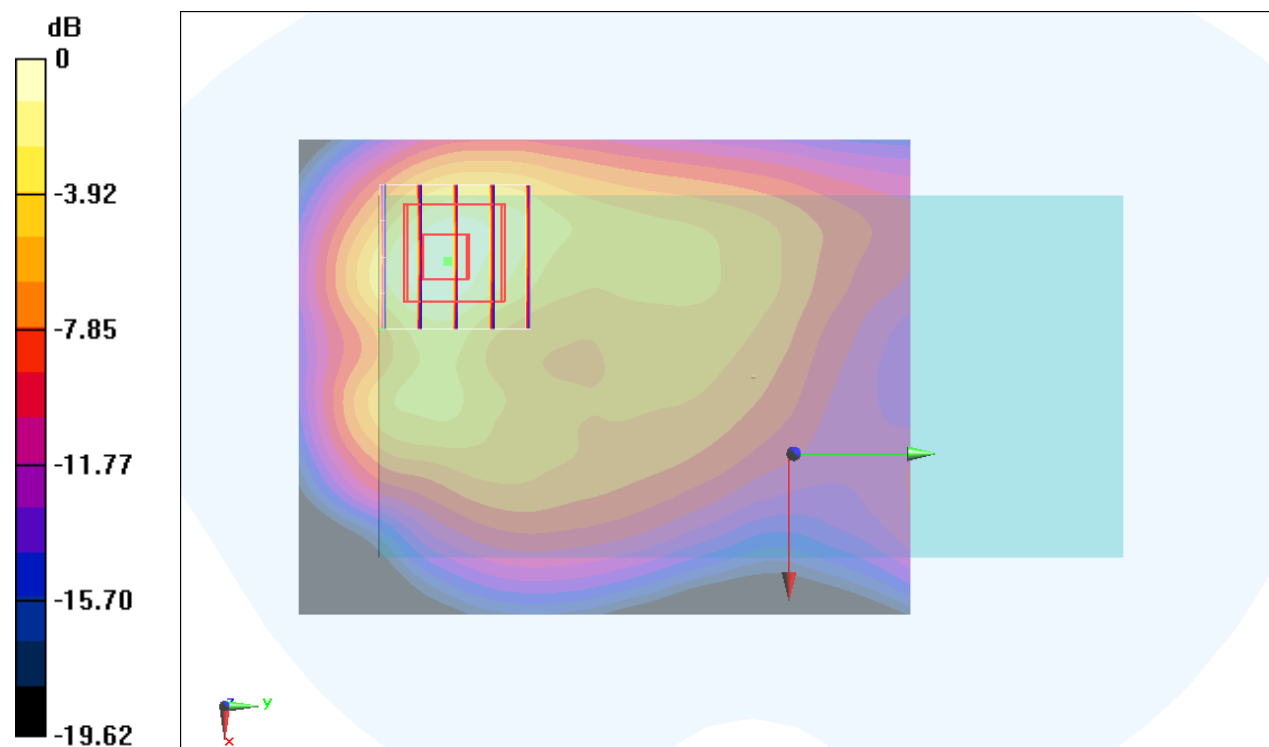
**Configuration/Ch19100/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.835 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.858 mW/g

**SAR(1 g) = 0.491 mW/g; SAR(10 g) = 0.264 mW/g**

Maximum value of SAR (measured) = 0.723 mW/g



## #17\_LTE Band 5\_10M\_QPSK\_1\_0\_Back\_10mm\_Ch20450

Communication System: LTE ; Frequency: 829 MHz; Duty Cycle: 1:1

Medium: MSL\_850\_160308 Medium parameters used:  $f = 829$  MHz;  $\sigma = 0.988$  S/m;  $\epsilon_r = 57.604$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.3 °C

## DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.24, 6.24, 6.24); Calibrated: 2015/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2016/2/18
- Phantom: SAM-Right; Type: SAM; Serial: 1795
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch20450/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.590 W/kg

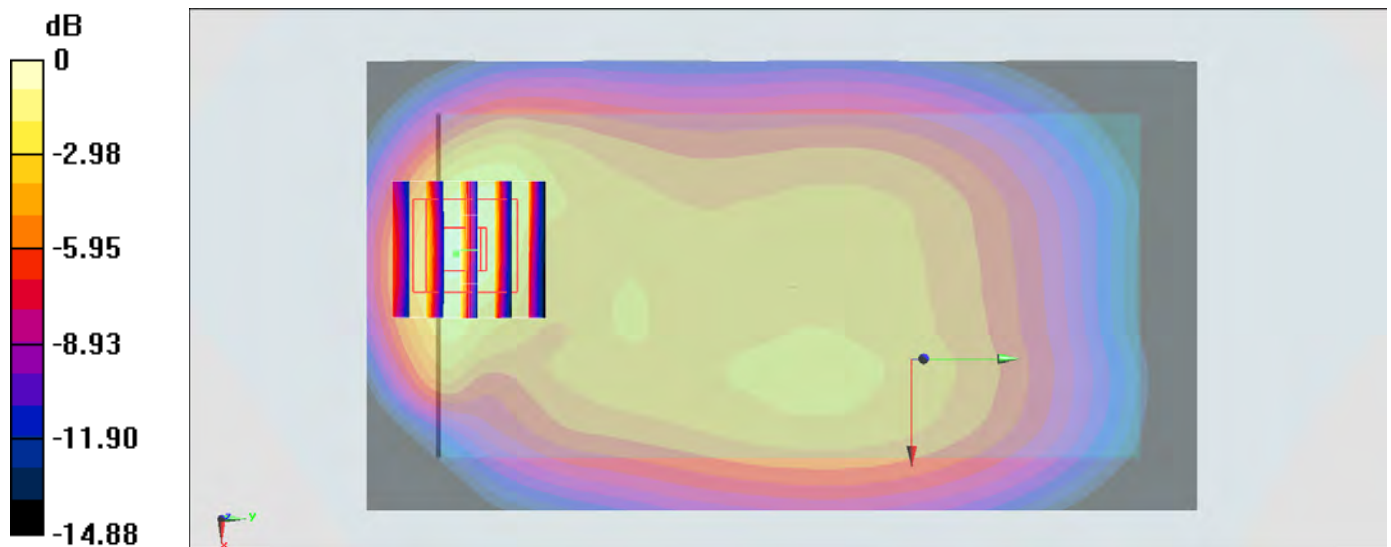
Configuration/Ch20450/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.25 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.949 W/kg

SAR(1 g) = 0.471 W/kg; SAR(10 g) = 0.258 W/kg

Maximum value of SAR (measured) = 0.689 W/kg



0 dB = 0.689 W/kg = -1.62 dBW/kg

**#18\_LTE Band 7\_20M\_QPSK\_1\_0\_Back\_10mm\_Ch21350**

Communication System: LTE; Frequency: 2560 MHz; Duty Cycle: 1:1

Medium: MSL\_2600\_160228 Medium parameters used:  $f = 2560$  MHz;  $\sigma = 2.161$  mho/m;  $\epsilon_r = 53.526$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.2 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3925; ConvF(7.33, 7.33, 7.33); Calibrated: 2015/5/27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2015/5/22
- Phantom: SAM\_Left; Type: SAM; Serial: TP-1303
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch21350/Area Scan (91x81x1):** Measurement grid: dx=12mm, dy=12mm  
Maximum value of SAR (interpolated) = 0.536 mW/g

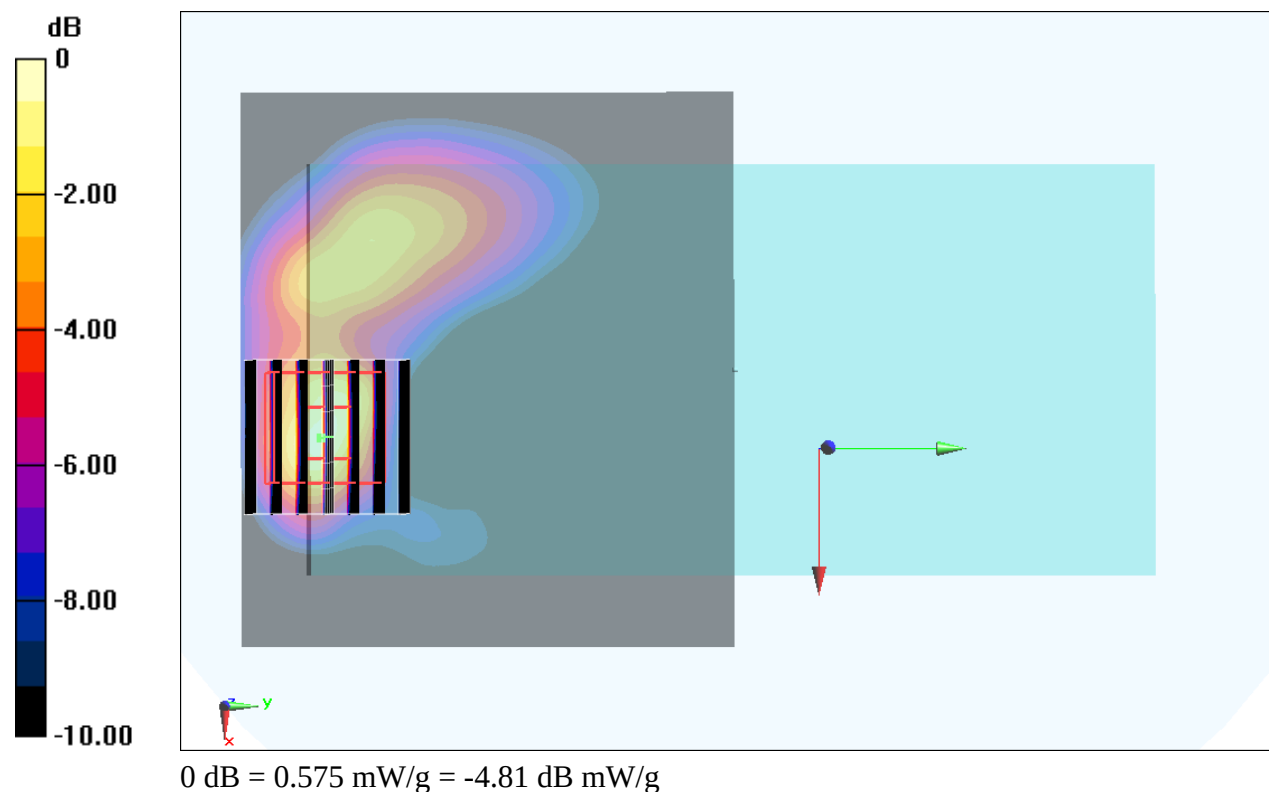
**Configuration/Ch21350/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.519 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.735 mW/g

**SAR(1 g) = 0.334 mW/g; SAR(10 g) = 0.143 mW/g**

Maximum value of SAR (measured) = 0.575 mW/g



## #19\_WLAN2.4GHz\_802.11b 1Mbps\_Back\_10mm\_Ch11

Communication System: 802.11b; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: MSL\_2450\_160306 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.995$  S/m;  $\epsilon_r = 53.394$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.1 °C; Liquid Temperature : 22.1 °C

## DASY5 Configuration

- Probe: EX3DV4 - SN3955; ConvF(7.53, 7.53, 7.53); Calibrated: 2015/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch11/Area Scan (81x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 0.512 W/kg

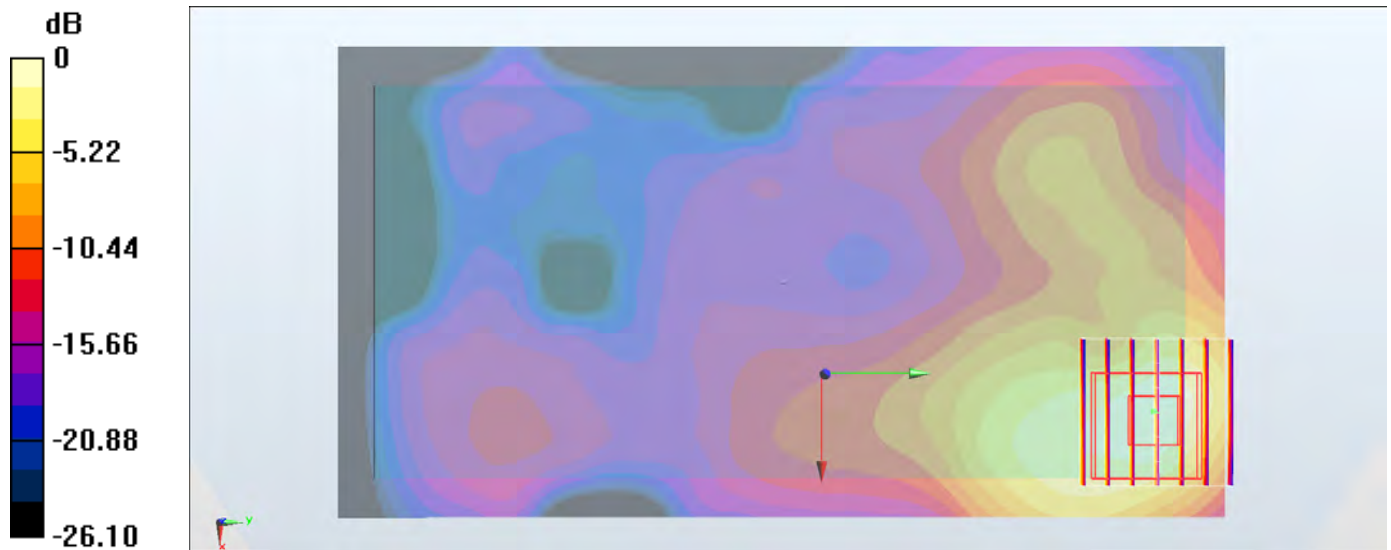
Configuration/Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.696 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.665 W/kg

SAR(1 g) = 0.301 W/kg; SAR(10 g) = 0.138 W/kg

Maximum value of SAR (measured) = 0.500 W/kg



0 dB = 0.500 W/kg = -3.01 dBW/kg

## #20\_WLAN5GHz\_802.11a 6Mbps\_Top Side\_0mm\_Ch64

Communication System: 802.11a; Frequency: 5320 MHz; Duty Cycle: 1:1.029

Medium: MSL\_5G\_160304 Medium parameters used:  $f = 5320$  MHz;  $\sigma = 5.625$  S/m;  $\epsilon_r = 46.797$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.8 °C; Liquid Temperature : 22.8 °C

## DASY5 Configuration

- Probe: EX3DV4 - SN3955; ConvF(4.42, 4.42, 4.42); Calibrated: 2015/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch64/Area Scan (**61x121x1**): Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 1.05 W/kg

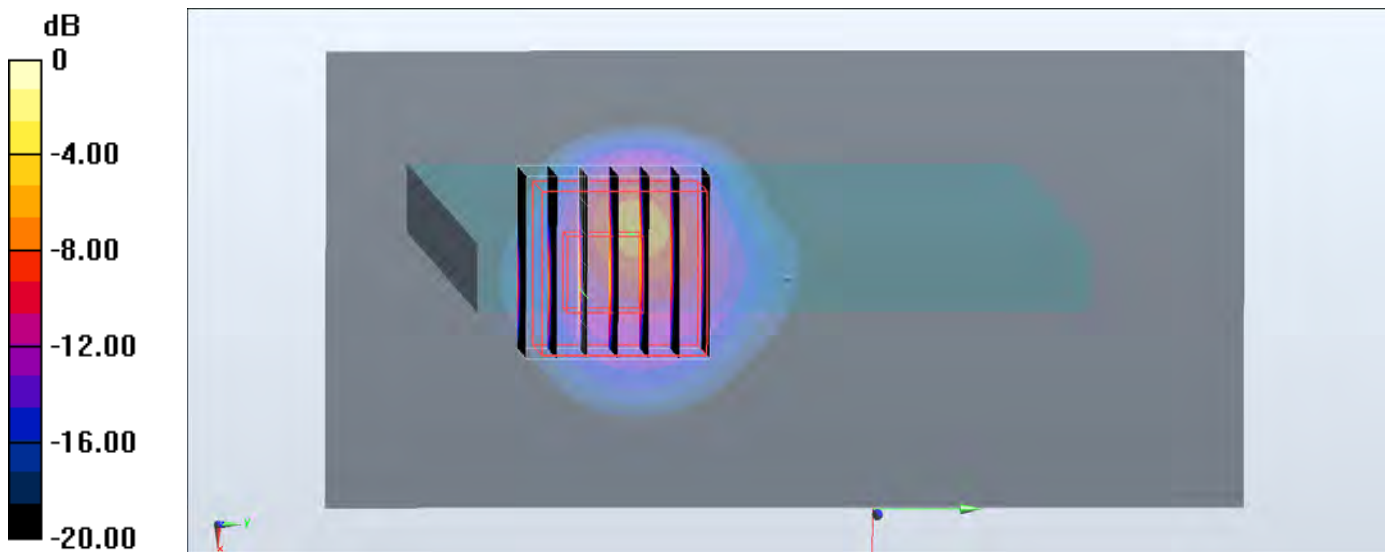
Configuration/Ch64/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 3.346 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 11.2 W/kg

SAR(1 g) = **1.52 W/kg**; SAR(10 g) = **0.352 W/kg**

Maximum value of SAR (measured) = 5.22 W/kg



0 dB = 5.22 W/kg = 7.18 dBW/kg

## #21\_WLAN5GHz\_802.11a 6Mbps\_Back\_0mm\_Ch100

Communication System: 802.11a ; Frequency: 5500 MHz; Duty Cycle: 1:1.029

Medium: MSL\_5G\_160304 Medium parameters used:  $f = 5500$  MHz;  $\sigma = 5.853$  S/m;  $\epsilon_r = 46.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.8 °C ; Liquid Temperature : 22.8 °C

## DASY5 Configuration

- Probe: EX3DV4 - SN3955; ConvF(3.81, 3.81, 3.81); Calibrated: 2015/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch100/Area Scan (121x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 2.74 W/kg

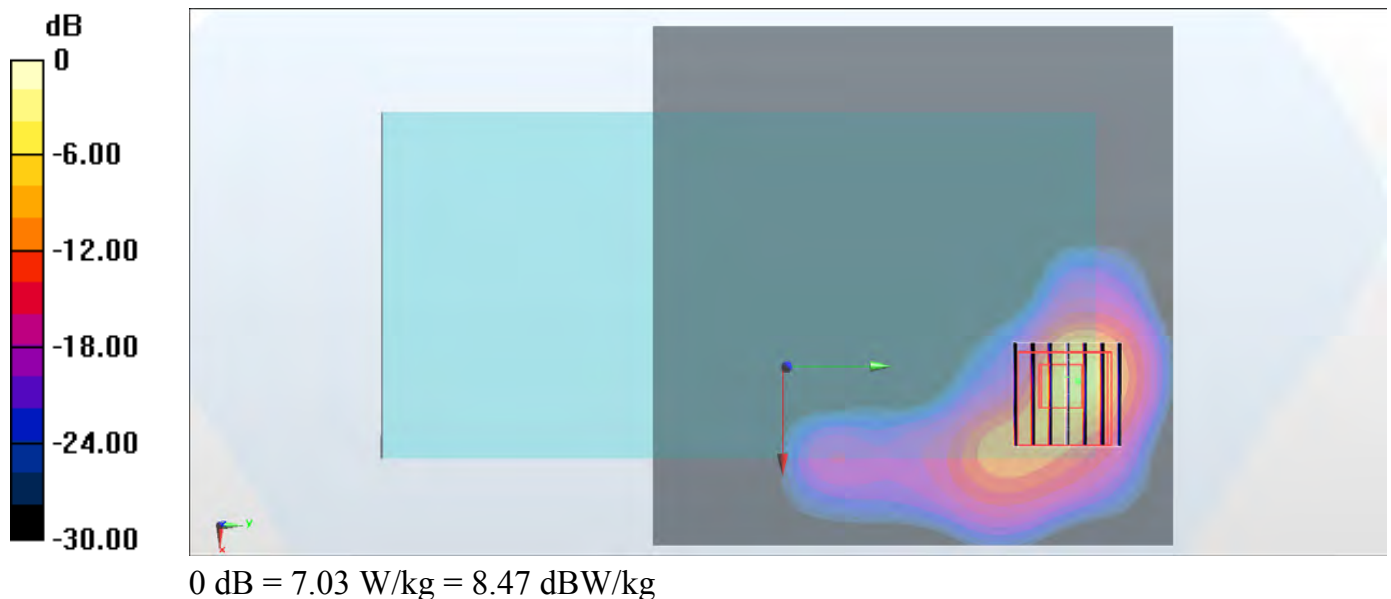
Configuration/Ch100/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 4.008 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 12.7 W/kg

SAR(1 g) = 2.35 W/kg; SAR(10 g) = 0.530 W/kg

Maximum value of SAR (measured) = 7.03 W/kg



## #22\_WLAN5GHz\_802.11a 6Mbps\_Top Side\_0mm\_Ch157

Communication System: 802.11a ; Frequency: 5785 MHz; Duty Cycle: 1:1.029

Medium: MSL\_5G\_160304 Medium parameters used:  $f = 5785$  MHz;  $\sigma = 6.237$  S/m;  $\epsilon_r = 46.031$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.8 °C ; Liquid Temperature : 22.8 °C

## DASY5 Configuration

- Probe: EX3DV4 - SN3955; ConvF(3.92, 3.92, 3.92); Calibrated: 2015/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch157/Area Scan (61x141x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 0.333 W/kg

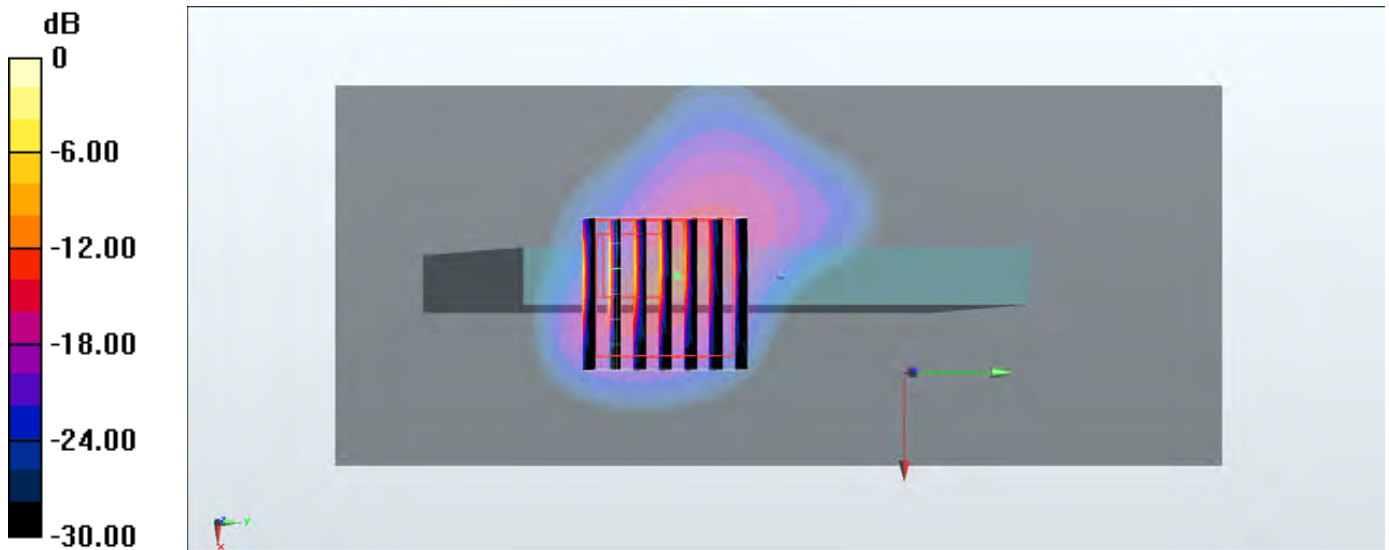
Configuration/Ch157/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 0.7210 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 12.8 W/kg

SAR(1 g) = 2.01 W/kg; SAR(10 g) = 0.406 W/kg

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





**#23\_GSM850\_GPRS (4 Tx slots)\_Back\_15mm\_Ch189**

Communication System: GSM850; Frequency: 836.4 MHz; Duty Cycle: 1:2.08

Medium: MSL\_850\_160308 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.995$  S/m;  $\epsilon_r = 57.532$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.3 °C

**DASY5 Configuration:**

- Probe: ES3DV3 - SN3270; ConvF(6.24, 6.24, 6.24); Calibrated: 2015/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2016/2/18
- Phantom: SAM-Right; Type: SAM; Serial: 1795
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Configuration/Ch189/Area Scan (71x131x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 0.330 W/kg

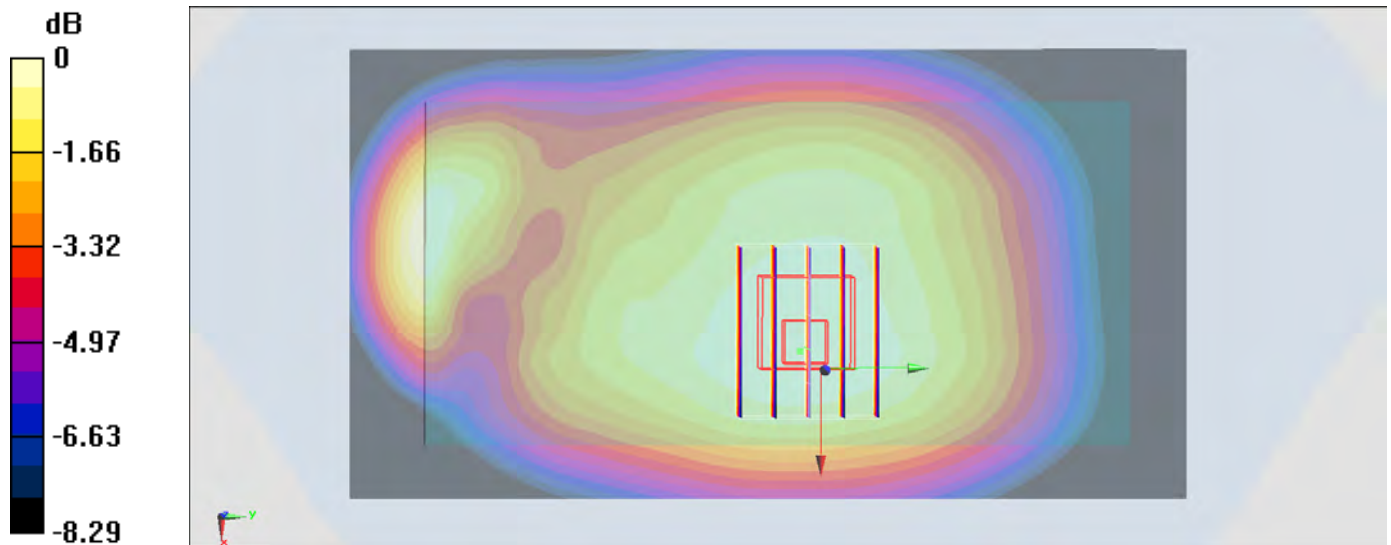
**Configuration/Ch189/Zoom Scan (6x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.14 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.384 W/kg

**SAR(1 g) = 0.270 W/kg; SAR(10 g) = 0.203 W/kg**

Maximum value of SAR (measured) = 0.322 W/kg



**#24\_GSM1900\_GPRS (4 Tx slots)\_Back\_15mm\_Ch810**

Communication System: PCS; Frequency: 1909.8 MHz; Duty Cycle: 1:2.08

Medium: MSL\_1900\_160229 Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.537$  mho/m;  $\epsilon_r = 54.163$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3925; ConvF(7.9, 7.9, 7.9); Calibrated: 2015/5/27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2015/5/22
- Phantom: SAM\_Left; Type: SAM; Serial: TP-1303
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch810/Area Scan (71x131x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.235 mW/g

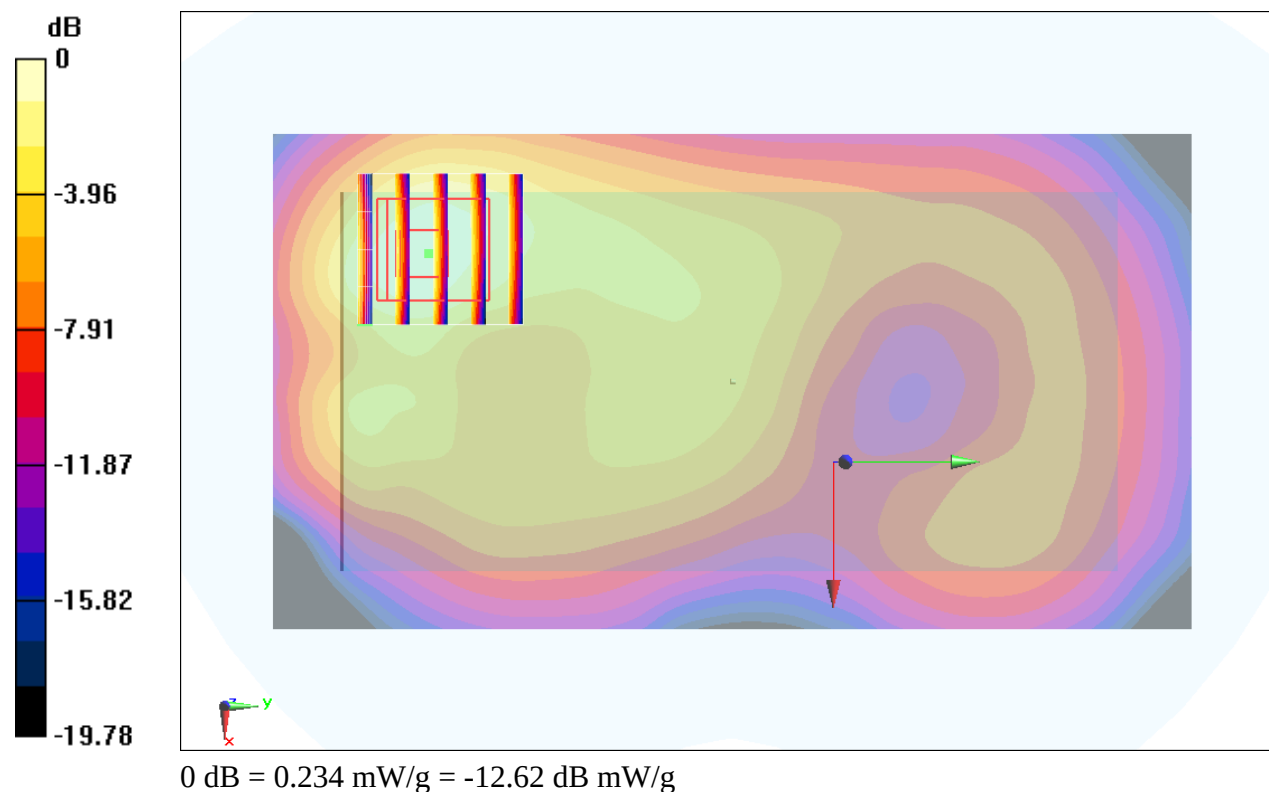
**Configuration/Ch810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.639 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.281 mW/g

**SAR(1 g) = 0.163 mW/g; SAR(10 g) = 0.091 mW/g**

Maximum value of SAR (measured) = 0.234 mW/g



**#25\_WCDMA II\_RMC 12.2Kbps\_Back\_15mm\_Ch9538**

Communication System: WCDMA; Frequency: 1907.6 MHz; Duty Cycle: 1:1  
Medium: MSL\_1900\_160229 Medium parameters used:  $f = 1908$  MHz;  $\sigma = 1.535$  mho/m;  $\epsilon_r = 54.167$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.4 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3925; ConvF(7.9, 7.9, 7.9); Calibrated: 2015/5/27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2015/5/22
- Phantom: SAM\_Left; Type: SAM; Serial: TP-1303
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch9538/Area Scan (71x71x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.361 mW/g

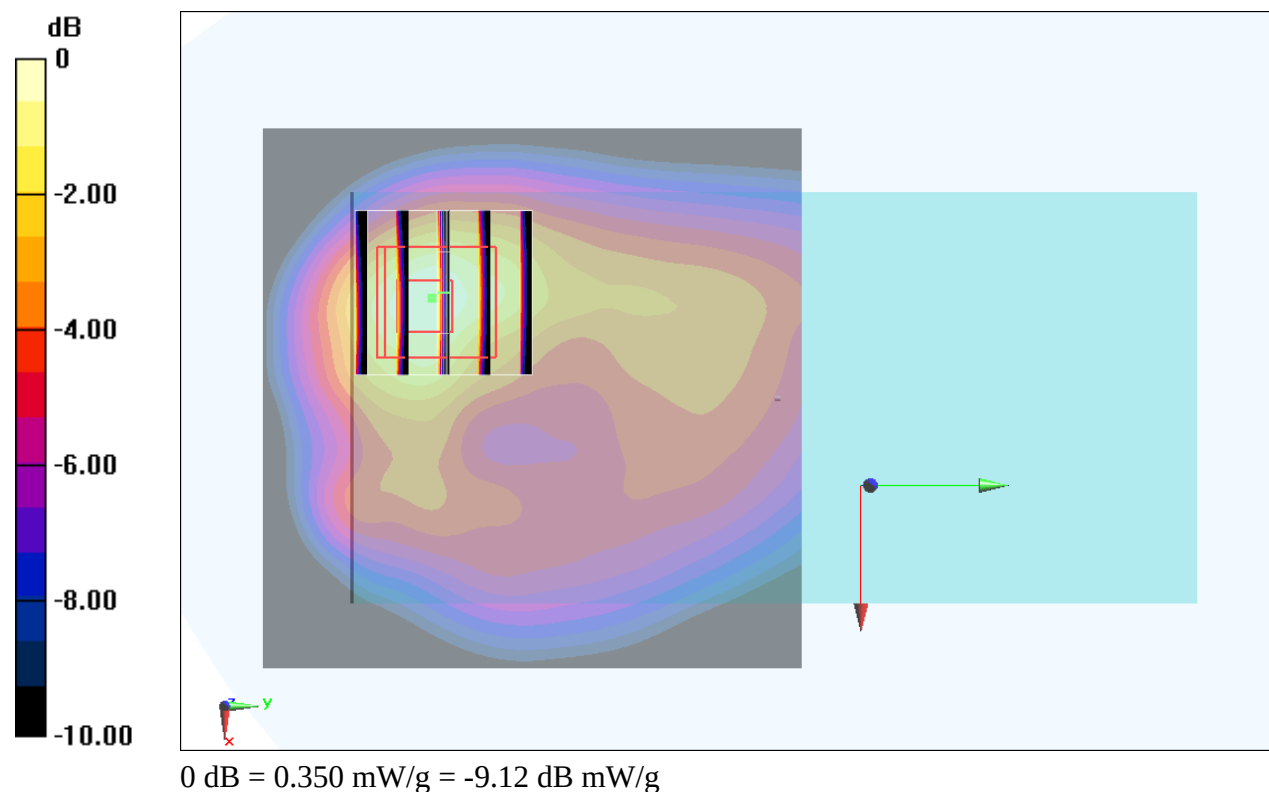
**Configuration/Ch9538/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.299 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.426 mW/g

**SAR(1 g) = 0.251 mW/g; SAR(10 g) = 0.142 mW/g**

Maximum value of SAR (measured) = 0.350 mW/g



**#26\_WCDMA V\_RMC 12.2Kbps\_Back\_15mm\_Ch4132**

Communication System: WCDMA; Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium: MSL\_850\_160308 Medium parameters used:  $f = 826.4$  MHz;  $\sigma = 0.986$  S/m;  $\epsilon_r = 57.628$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.24, 6.24, 6.24); Calibrated: 2015/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2016/2/18
- Phantom: SAM-Right; Type: SAM; Serial: 1795
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Configuration/Ch4132/Area Scan (71x131x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.198 W/kg

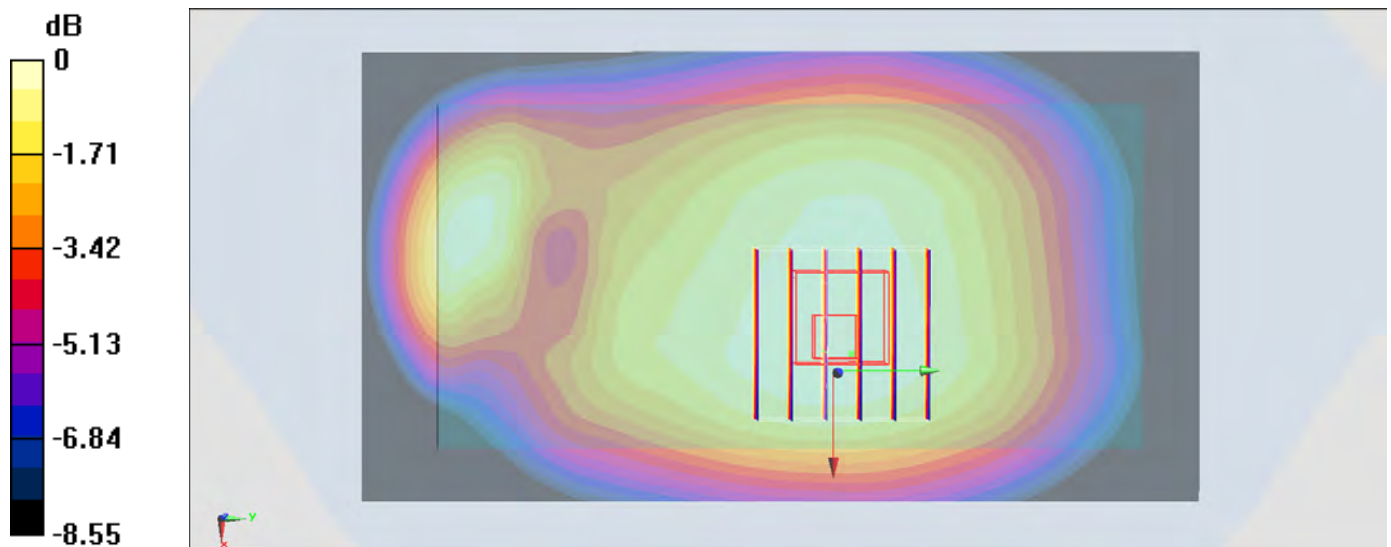
**Configuration/Ch4132/Zoom Scan (6x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.839 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.231 W/kg

**SAR(1 g) = 0.164 W/kg; SAR(10 g) = 0.124 W/kg**

Maximum value of SAR (measured) = 0.195 W/kg



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

**#27\_LTE Band 2\_20M\_QPSK\_1\_0\_Back\_15mm\_Ch19100**

Communication System: LTE; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: MSL\_1900\_160229 Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.528$  mho/m;  $\epsilon_r = 54.189$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3925; ConvF(7.9, 7.9, 7.9); Calibrated: 2015/5/27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2015/5/22
- Phantom: SAM\_Left; Type: SAM; Serial: TP-1303
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch19100/Area Scan (71x91x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.315 mW/g

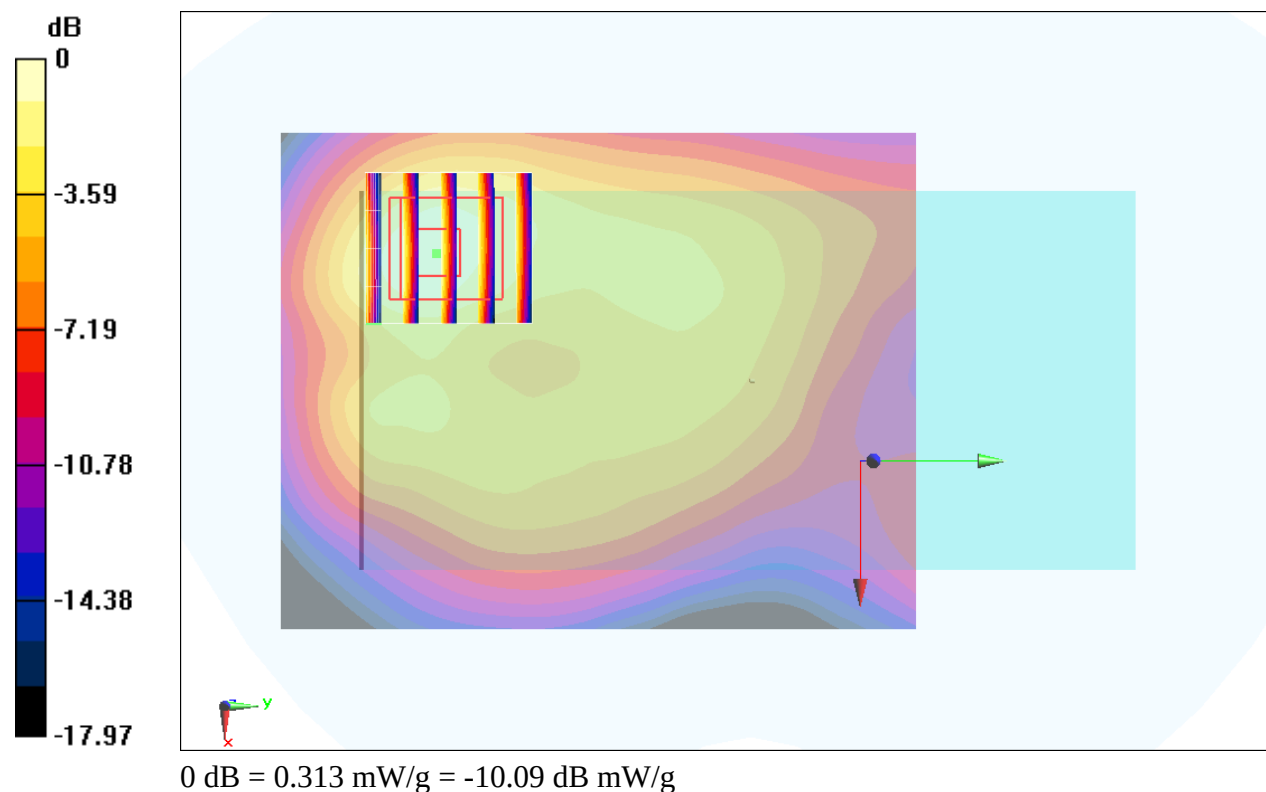
**Configuration/Ch19100/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.994 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.369 mW/g

**SAR(1 g) = 0.218 mW/g; SAR(10 g) = 0.124 mW/g**

Maximum value of SAR (measured) = 0.313 mW/g



**#28\_LTE Band 5\_10M\_QPSK\_1\_0\_Back\_15mm\_Ch20450**

Communication System: LTE ; Frequency: 829 MHz; Duty Cycle: 1:1

Medium: MSL\_850\_160308 Medium parameters used:  $f = 829$  MHz;  $\sigma = 0.988$  S/m;  $\epsilon_r = 57.604$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.24, 6.24, 6.24); Calibrated: 2015/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2016/2/18
- Phantom: SAM-Right; Type: SAM; Serial: 1795
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Configuration/Ch20450/Area Scan (71x131x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.265 W/kg

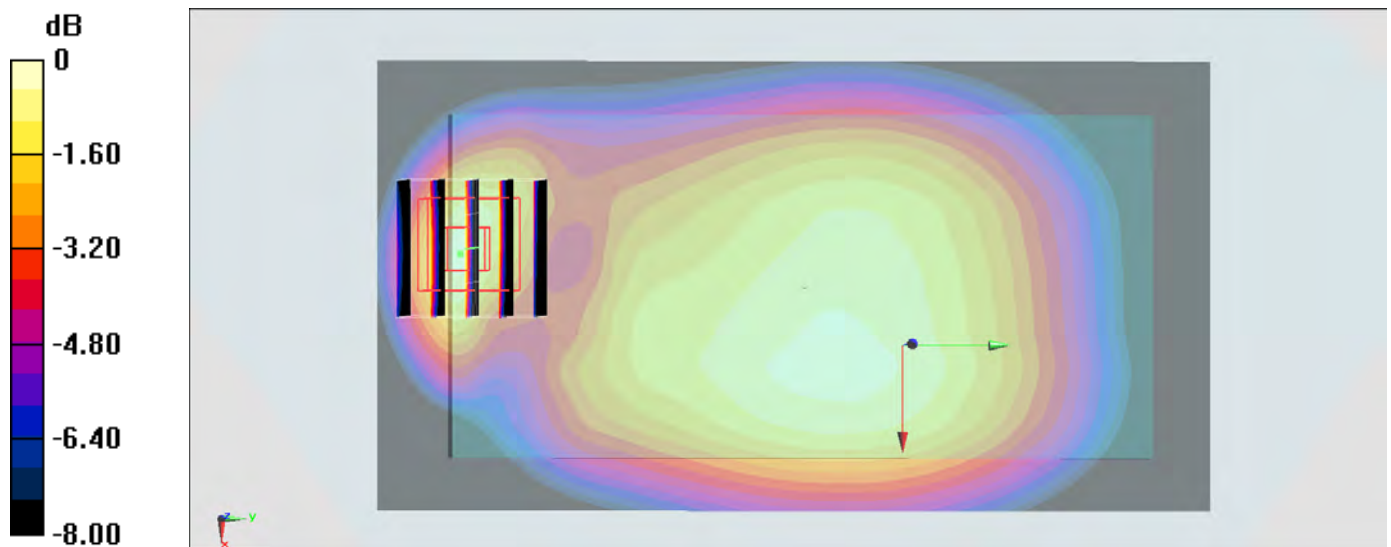
**Configuration/Ch20450/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.60 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.375 W/kg

**SAR(1 g) = 0.202 W/kg; SAR(10 g) = 0.117 W/kg**

Maximum value of SAR (measured) = 0.281 W/kg



0 dB = 0.281 W/kg = -5.51 dBW/kg

**#29\_LTE Band 7\_20M\_QPSK\_1\_0\_Back\_15mm\_Ch21350**

Communication System: LTE; Frequency: 2560 MHz; Duty Cycle: 1:1

Medium: MSL\_2600\_160228 Medium parameters used:  $f = 2560$  MHz;  $\sigma = 2.161$  mho/m;  $\epsilon_r = 53.526$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.2 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3925; ConvF(7.33, 7.33, 7.33); Calibrated: 2015/5/27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2015/5/22
- Phantom: SAM\_Left; Type: SAM; Serial: TP-1303
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch21350/Area Scan (91x81x1):** Measurement grid: dx=12mm, dy=12mm  
Maximum value of SAR (interpolated) = 0.226 mW/g

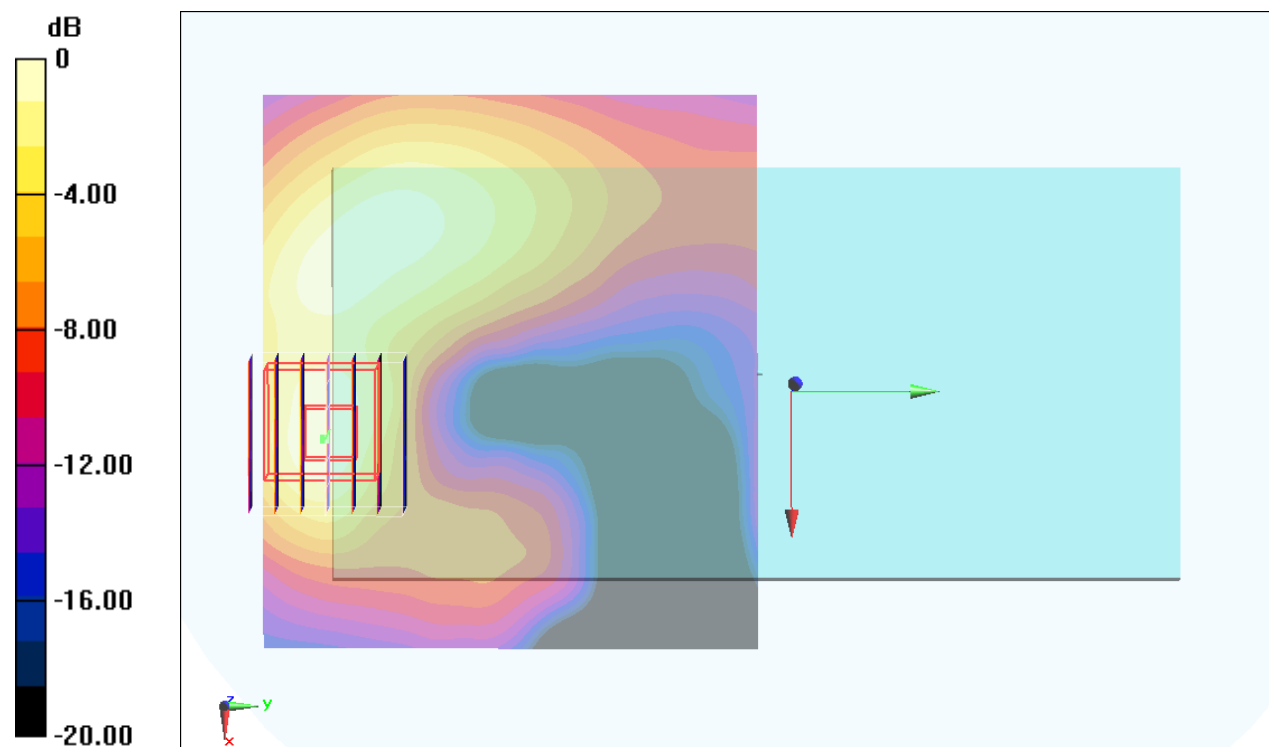
**Configuration/Ch21350/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.121 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.286 mW/g

**SAR(1 g) = 0.139 mW/g; SAR(10 g) = 0.065 mW/g**

Maximum value of SAR (measured) = 0.227 mW/g





**#30\_WLAN2.4GHz\_802.11b 1Mbps\_Front\_15mm\_Ch6**

Communication System: 802.11b; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: MSL\_2450\_160306 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.962$  S/m;  $\epsilon_r = 53.486$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.1 °C; Liquid Temperature : 22.1 °C

**DASY5 Configuration**

- Probe: EX3DV4 - SN3955; ConvF(7.53, 7.53, 7.53); Calibrated: 2015/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Configuration/Ch6/Area Scan (81x151x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 0.226 W/kg

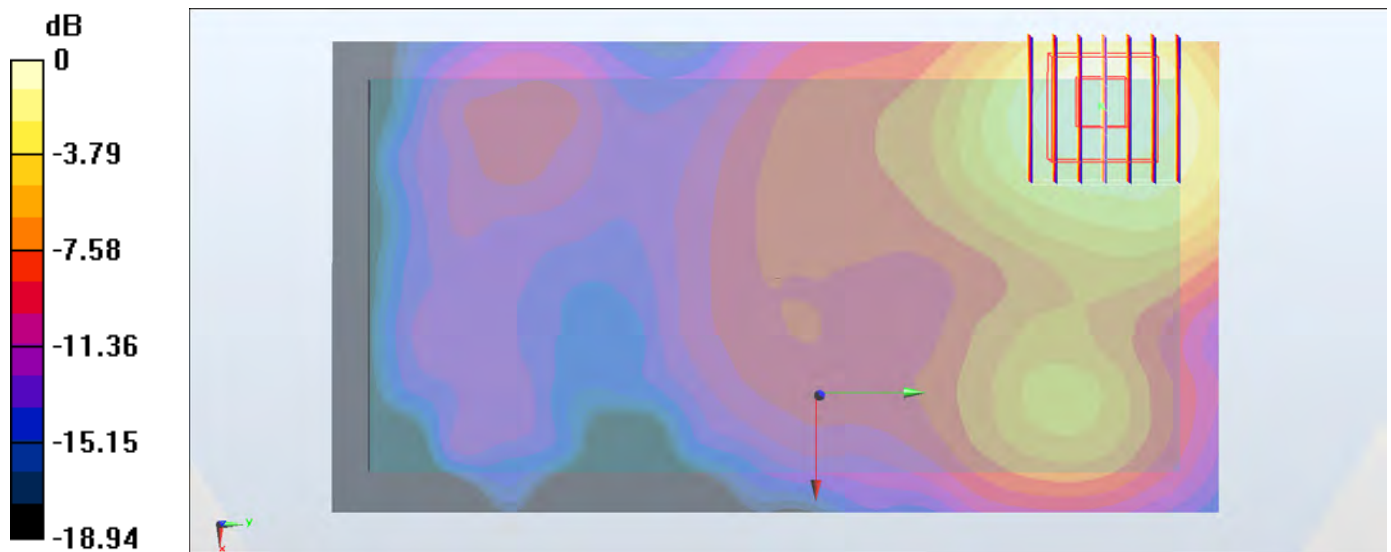
**Configuration/Ch6/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.24 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.272 W/kg

**SAR(1 g) = 0.151 W/kg; SAR(10 g) = 0.084 W/kg**

Maximum value of SAR (measured) = 0.226 W/kg



0 dB = 0.226 W/kg = -6.46 dBW/kg

## #31\_WLAN5GHz\_802.11a 6Mbps\_Front\_15mm\_Ch64

Communication System: 802.11a ; Frequency: 5320 MHz; Duty Cycle: 1:1.029

Medium: MSL\_5G\_160303 Medium parameters used:  $f = 5320$  MHz;  $\sigma = 5.634$  S/m;  $\epsilon_r = 47.501$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C ; Liquid Temperature : 22.7 °C

## DASY5 Configuration

- Probe: EX3DV4 - SN3955; ConvF(4.42, 4.42, 4.42); Calibrated: 2015/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch64/ Area Scan (121x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 0.219 W/kg

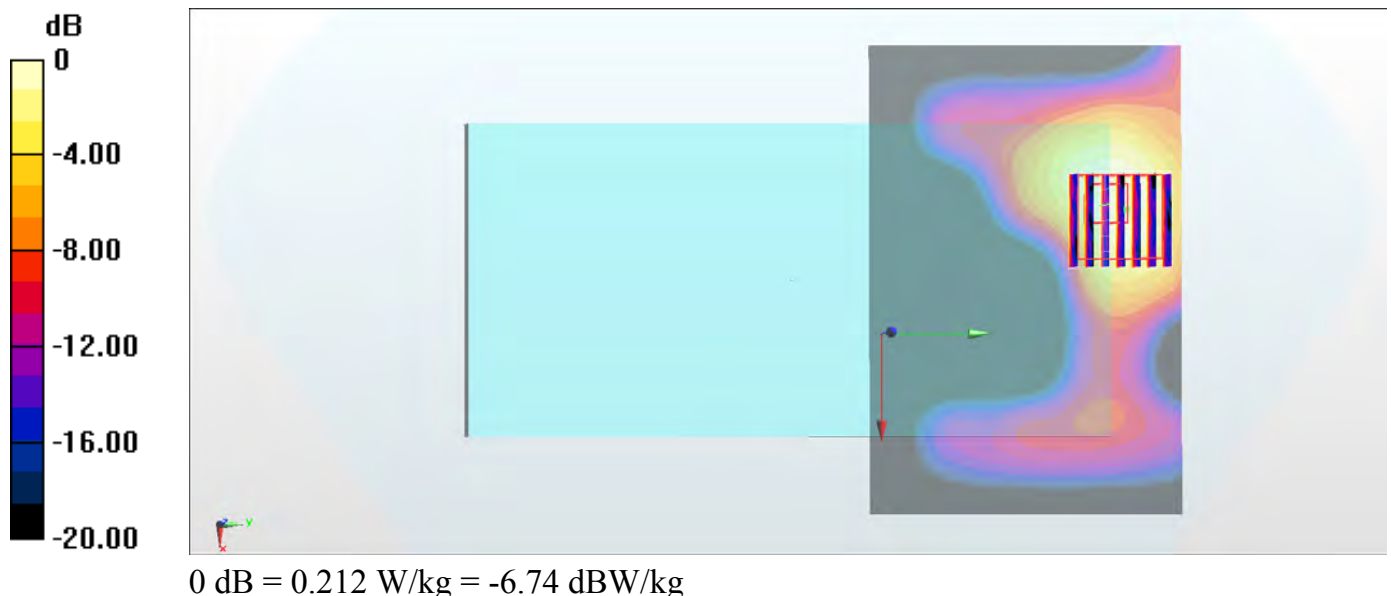
Configuration/Ch64/ Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 6.941 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.395 W/kg

**SAR(1 g) = 0.074 W/kg; SAR(10 g) = 0.029 W/kg**

Maximum value of SAR (measured) = 0.212 W/kg



**#32\_WLAN5GHz\_802.11a 6Mbps\_Front\_15mm\_Ch132**

Communication System: 802.11a; Frequency: 5660 MHz; Duty Cycle: 1:1.029

Medium: MSL\_5G\_160303 Medium parameters used:  $f = 5660$  MHz;  $\sigma = 6.092$  S/m;  $\epsilon_r = 46.948$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C; Liquid Temperature : 22.7 °C

**DASY5 Configuration**

- Probe: EX3DV4 - SN3955; ConvF(3.81, 3.81, 3.81); Calibrated: 2015/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Configuration/Ch132/Area Scan (121x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.507 W/kg

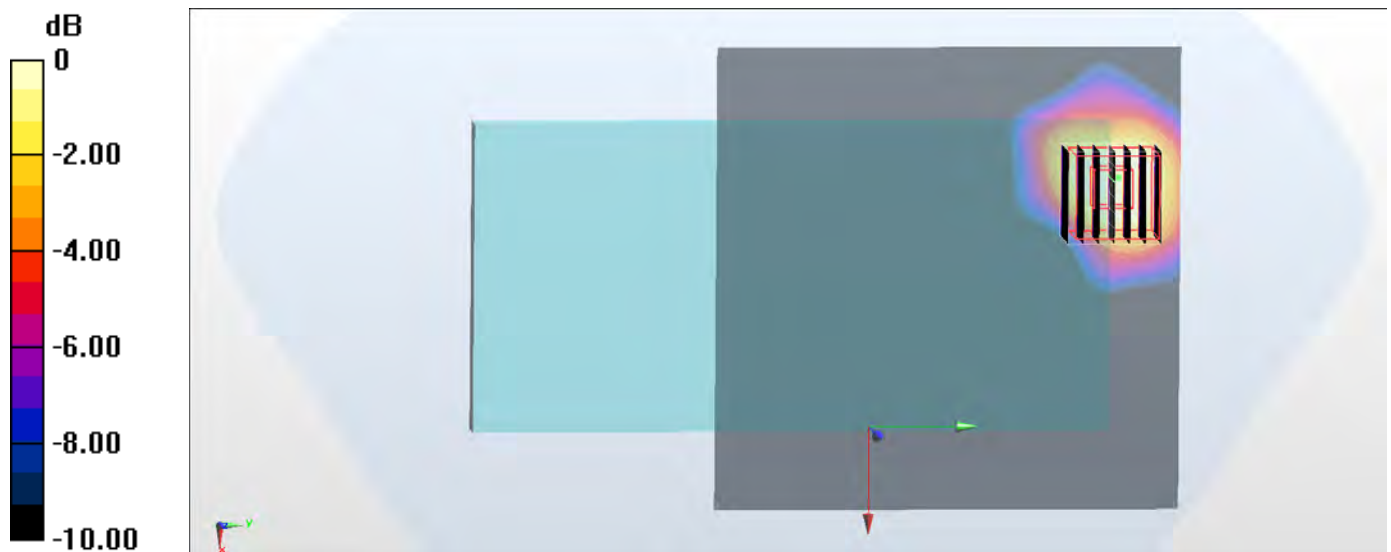
**Configuration/Ch132/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 9.402 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.700 W/kg

**SAR(1 g) = 0.182 W/kg; SAR(10 g) = 0.073 W/kg**

Maximum value of SAR (measured) = 0.419 W/kg



0 dB = 0.419 W/kg = -3.78 dBW/kg

**#33\_WLAN5GHz\_802.11a 6Mbps\_Front\_15mm\_Ch165**

Communication System: 802.11a ; Frequency: 5825 MHz; Duty Cycle: 1:1.029

Medium: MSL\_5G\_160304 Medium parameters used:  $f = 5825$  MHz;  $\sigma = 6.293$  S/m;  $\epsilon_r = 45.971$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.8 °C ; Liquid Temperature : 22.8 °C

**DASY5 Configuration**

- Probe: EX3DV4 - SN3955; ConvF(3.92, 3.92, 3.92); Calibrated: 2015/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Configuration/Ch165/ Area Scan (121x61x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 0.463 W/kg

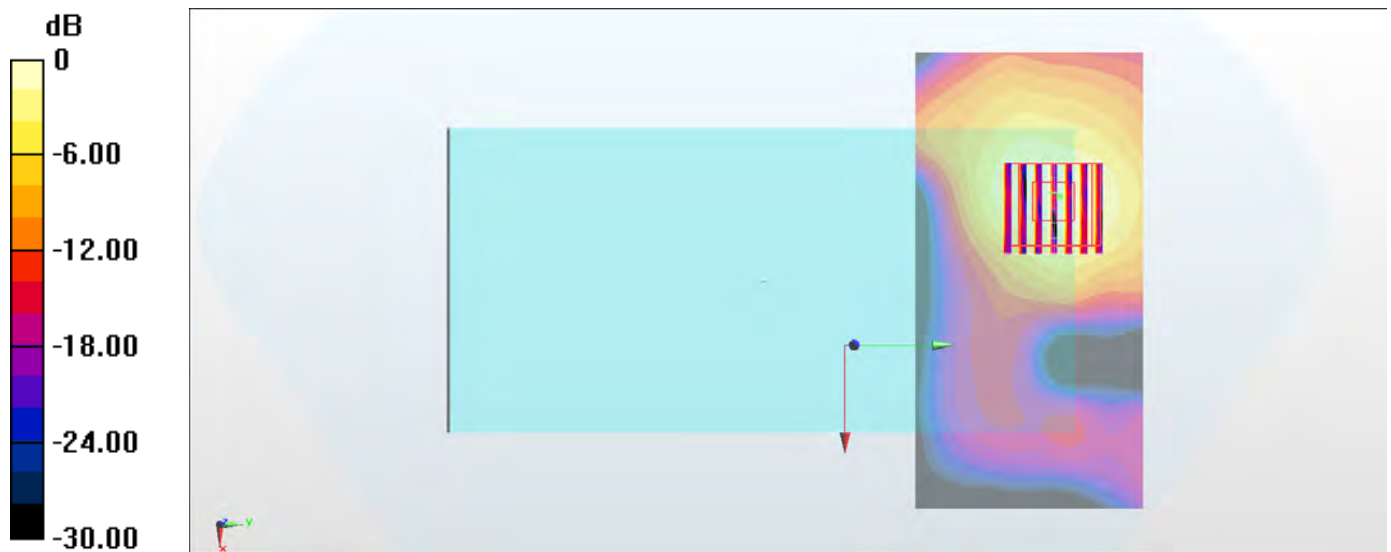
**Configuration/Ch165/ Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 8.501 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.803 W/kg

**SAR(1 g) = 0.212 W/kg; SAR(10 g) = 0.082 W/kg**

Maximum value of SAR (measured) = 0.496 W/kg



0 dB = 0.496 W/kg = -3.05 dBW/kg