

## P01\_GSM850\_GPRS10\_Right Cheek\_190

### DUT: EUT

Communication System: GPRS 850-2slots; Frequency: 836.6 MHz; Duty Cycle: 1:4

Medium: H850 Medium parameters used:  $f = 837 \text{ MHz}$ ;  $\sigma = 0.918 \text{ mho/m}$ ;  $\epsilon_r = 42.7$ ;  $\rho = 1000 \text{ kg/m}^3$

#### DASY4 Configuration:

- Probe: ES3DV3 - SN3090; ConvF(6.12, 6.12, 6.12); Calibrated: 2019/4/12
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn662; Calibrated: 2019/4/11
- Phantom: SAM 1; Type: QD 000 P40 CB; Serial: TP/1378
- ; Postprocessing SW: SEMCAD, V1.8 Build 186

**Test/Area Scan (61x81x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.496 mW/g

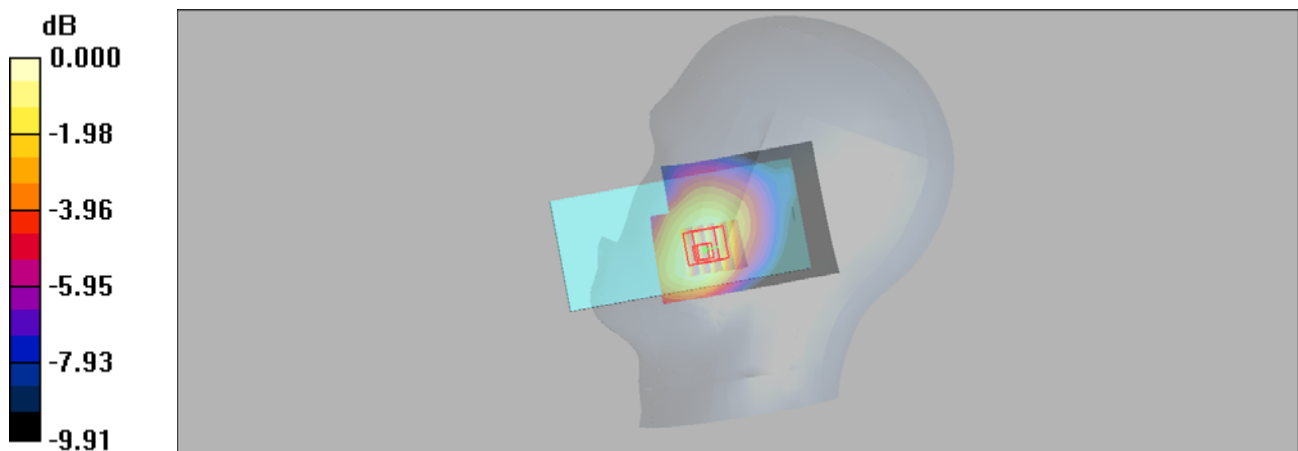
**Test/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 7.71 V/m; Power Drift = -0.024 dB

Peak SAR (extrapolated) = 0.578 W/kg

**SAR(1 g) = 0.450 mW/g; SAR(10 g) = 0.338 mW/g**

Maximum value of SAR (measured) = 0.494 mW/g



## P02\_GSM1900\_GPRS10\_Left Cheek\_512

### DUT: EUT

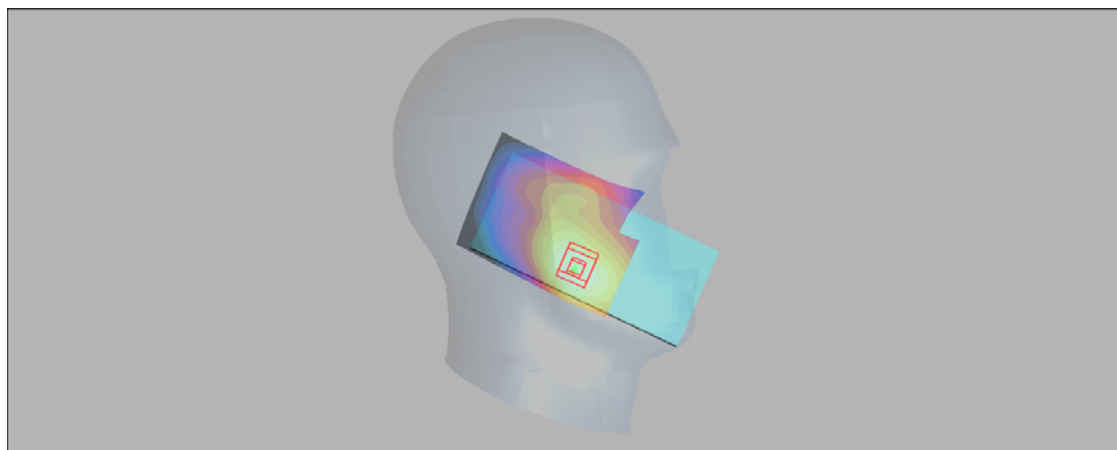
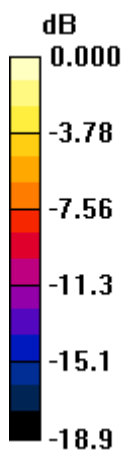
Communication System: GPRS1900-2slots; Frequency: 1850.2 MHz; Duty Cycle: 1:4  
Medium: H1900 Medium parameters used (interpolated):  $f = 1850.2$  MHz;  $\sigma = 1.35$  mho/m;  $\epsilon_r = 41.6$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>

### DASY4 Configuration:

- Probe: ES3DV3 - SN3090; ConvF(5.06, 5.06, 5.06); Calibrated: 2019/4/12
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn662; Calibrated: 2019/4/11
- Phantom: SAM 1; Type: QD 000 P40 CB; Serial: TP/1378
- ; Postprocessing SW: SEMCAD, V1.8 Build 186

**Test/Area Scan (61x81x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.242 mW/g

**Test/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 3.38 V/m; Power Drift = 0.03 dB  
Peak SAR (extrapolated) = 0.320 W/kg  
**SAR(1 g) = 0.202 mW/g; SAR(10 g) = 0.122 mW/g**  
Maximum value of SAR (measured) = 0.238 mW/g



0 dB = 0.238mW/g

### P03\_WCDMA II\_RMC12.2K\_Left Cheek\_9538

#### DUT: EUT

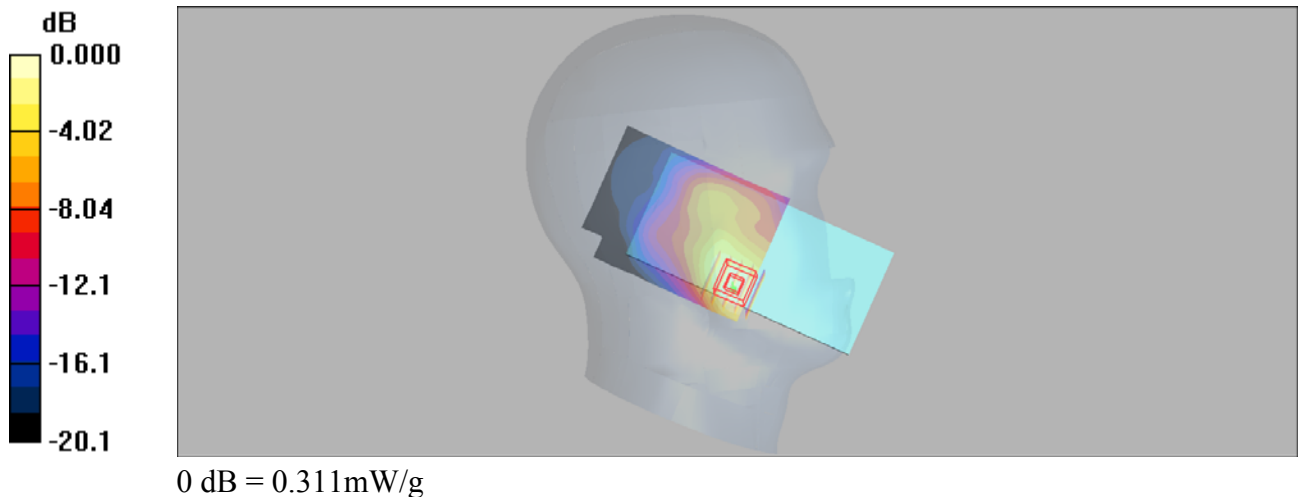
Communication System: WCDMA Band II; Frequency: 1907.6 MHz; Duty Cycle: 1:1  
 Medium: H1900 Medium parameters used:  $f = 1908 \text{ MHz}$ ;  $\sigma = 1.42 \text{ mho/m}$ ;  $\epsilon_r = 41.3$ ;  $\rho = 1000 \text{ kg/m}^3$

#### DASY4 Configuration:

- Probe: ES3DV3 - SN3090; ConvF(5.06, 5.06, 5.06); Calibrated: 2019/4/12
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn662; Calibrated: 2019/4/11
- Phantom: SAM 1; Type: QD 000 P40 CB; Serial: TP/1378
- ; Postprocessing SW: SEMCAD, V1.8 Build 186

**Test/Area Scan (61x81x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
 Maximum value of SAR (interpolated) = 0.338 mW/g

**Test/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$   
 Reference Value = 3.10 V/m; Power Drift = -0.02dB  
 Peak SAR (extrapolated) = 0.427 W/kg  
**SAR(1 g) = 0.261 mW/g; SAR(10 g) = 0.153 mW/g**  
 Maximum value of SAR (measured) = 0.311 mW/g



## P04\_WCDMA IV\_RMC12.2K\_Left Cheek\_1513

### DUT: EUT

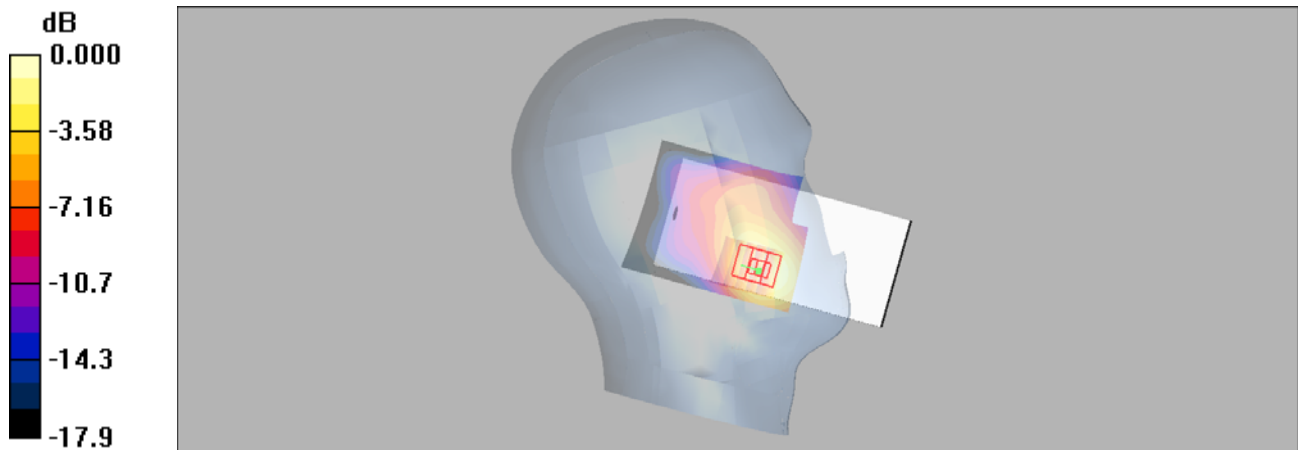
Communication System: WCDMA Band IV; Frequency: 1752.6 MHz; Duty Cycle: 1:1  
 Medium: H1750 Medium parameters used:  $f = 1753$  MHz;  $\sigma = 1.35$  mho/m;  $\epsilon_r = 41.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

#### DASY4 Configuration:

- Probe: ES3DV3 - SN3090; ConvF(5.36, 5.36, 5.36); Calibrated: 2019/4/12
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn662; Calibrated: 2019/4/11
- Phantom: SAM 1; Type: QD 000 P40 CB; Serial: TP/1378
- ; Postprocessing SW: SEMCAD, V1.8 Build 186

**Test/Area Scan (61x81x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (interpolated) = 0.260 mW/g

**Test/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
 Reference Value = 3.52 V/m; Power Drift = 0.04 dB  
 Peak SAR (extrapolated) = 0.339 W/kg  
**SAR(1 g) = 0.219 mW/g; SAR(10 g) = 0.134 mW/g**  
 Maximum value of SAR (measured) = 0.258 mW/g



0 dB = 0.258mW/g

### P05\_WCDMA V\_RMC12.2K\_Left Cheek\_4132

#### DUT: EUT

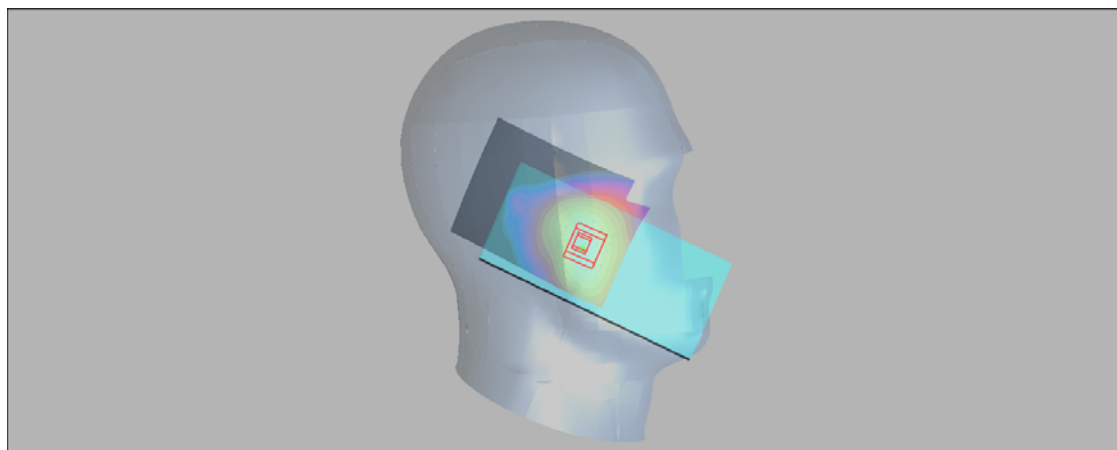
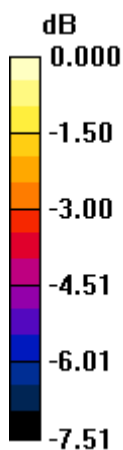
Communication System: WCDMA Band V; Frequency: 826.4 MHz; Duty Cycle: 1:1  
Medium: H850 Medium parameters used (interpolated):  $f = 826.4$  MHz;  $\sigma = 0.907$  mho/m;  $\epsilon_r = 42.9$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>

#### DASY4 Configuration:

- Probe: ES3DV3 - SN3090; ConvF(6.12, 6.12, 6.12); Calibrated: 2019/4/12
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn662; Calibrated: 2019/4/11
- Phantom: SAM 1; Type: QD 000 P40 CB; Serial: TP/1378
- ; Postprocessing SW: SEMCAD, V1.8 Build 186

**Test/Area Scan (61x81x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.092 mW/g

**Test/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 5.15 V/m; Power Drift = 0.120 dB  
Peak SAR (extrapolated) = 0.104 W/kg  
**SAR(1 g) = 0.080 mW/g; SAR(10 g) = 0.061 mW/g**  
Maximum value of SAR (measured) = 0.088 mW/g



0 dB = 0.088mW/g

### P06\_LTE 2\_QPSK20M\_Left Cheek\_18900\_1RB\_50 Offset

#### DUT: EUT

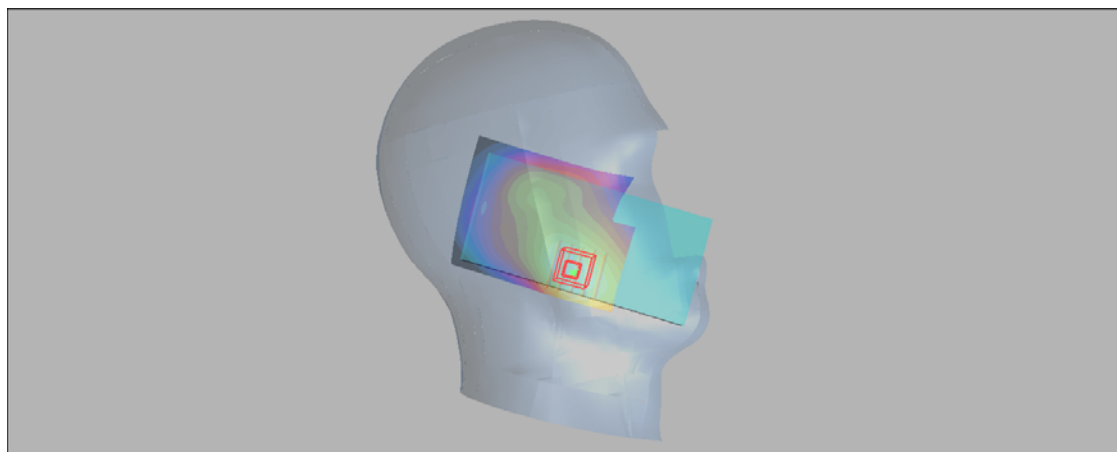
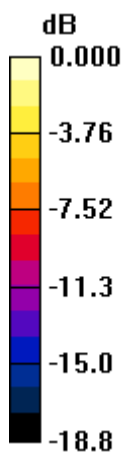
Communication System: LTE Band 2; Frequency: 1880 MHz; Duty Cycle: 1:1  
Medium: H1900 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.39$  mho/m;  $\epsilon_r = 41.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

#### DASY4 Configuration:

- Probe: ES3DV3 - SN3090; ConvF(5.06, 5.06, 5.06); Calibrated: 2019/4/12
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn662; Calibrated: 2019/4/11
- Phantom: SAM 1; Type: QD 000 P40 CB; Serial: TP/1378
- ; Postprocessing SW: SEMCAD, V1.8 Build 186

**Test/Area Scan (61x81x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.339 mW/g

**Test/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 4.60 V/m; Power Drift = 0.110 dB  
Peak SAR (extrapolated) = 0.437 W/kg  
**SAR(1 g) = 0.274 mW/g; SAR(10 g) = 0.164 mW/g**  
Maximum value of SAR (measured) = 0.328 mW/g



0 dB = 0.328mW/g

**P07\_LTE 4\_QPSK20M\_Left Cheek\_20300\_1 RB\_50 Offset**

**DUT: EUT**

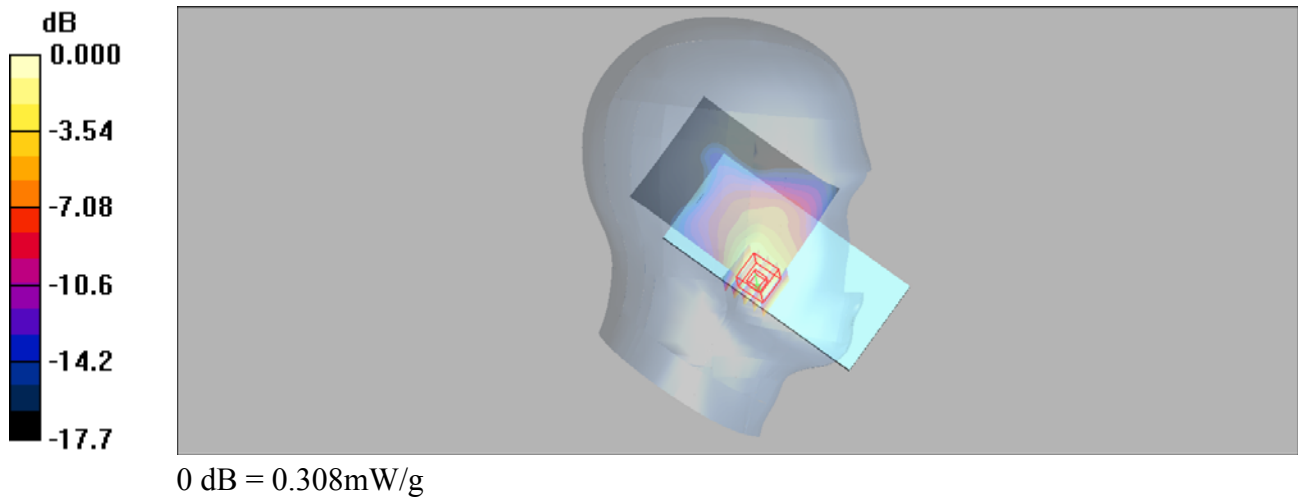
Communication System: LTE Band 4&20M; Frequency: 1745 MHz;Duty Cycle: 1:1  
 Medium: H1750 Medium parameters used:  $f = 1745 \text{ MHz}$ ;  $\sigma = 1.36 \text{ mho/m}$ ;  $\epsilon_r = 40.3$ ;  $\rho = 1000 \text{ kg/m}^3$

**DASY4 Configuration:**

- Probe: ES3DV3 - SN3090; ConvF(5.36, 5.36, 5.36); Calibrated: 2019/4/12
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn662; Calibrated: 2019/4/11
- Phantom: SAM 1; Type: QD 000 P40 CB; Serial: TP/1378
- ; Postprocessing SW: SEMCAD, V1.8 Build 186

**Test/Area Scan (61x81x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
 Maximum value of SAR (interpolated) = 0.327 mW/g

**Test/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$   
 Reference Value = 3.46 V/m; Power Drift = 0.04 dB  
 Peak SAR (extrapolated) = 0.411 W/kg  
**SAR(1 g) = 0.265 mW/g; SAR(10 g) = 0.162 mW/g**  
 Maximum value of SAR (measured) = 0.308 mW/g



### P08\_LTE 5\_QPSK10M\_Right Cheek\_20450\_1RB\_24 Offset

#### DUT: EUT

Communication System: LTE Band5; Frequency: 829 MHz; Duty Cycle: 1:1

Medium: H850 Medium parameters used:  $f = 829$  MHz;  $\sigma = 0.91$  mho/m;  $\epsilon_r = 42.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

#### DASY4 Configuration:

- Probe: ES3DV3 - SN3090; ConvF(6.12, 6.12, 6.12); Calibrated: 2019/4/12
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn662; Calibrated: 2019/4/11
- Phantom: SAM 1; Type: QD 000 P40 CB; Serial: TP/1378
- ; Postprocessing SW: SEMCAD, V1.8 Build 186

**Test/Area Scan (61x81x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.297 mW/g

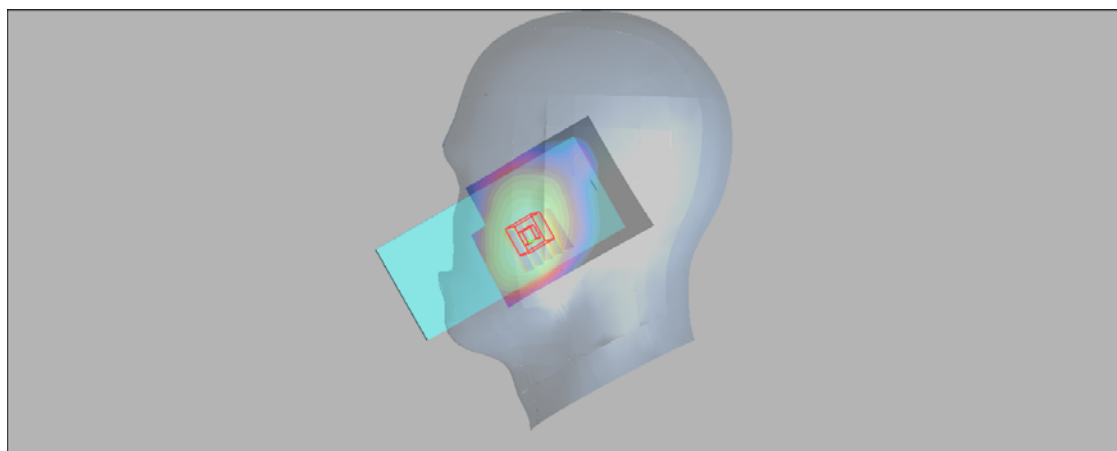
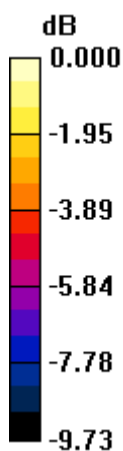
**Test/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.59 V/m; Power Drift = -0.165 dB

Peak SAR (extrapolated) = 0.334 W/kg

**SAR(1 g) = 0.262 mW/g; SAR(10 g) = 0.199 mW/g**

Maximum value of SAR (measured) = 0.287 mW/g



0 dB = 0.287mW/g



### P09\_LTE 7\_QPSK20M\_Left Cheek\_21100\_1 RB\_50 Offset

#### DUT: EUT

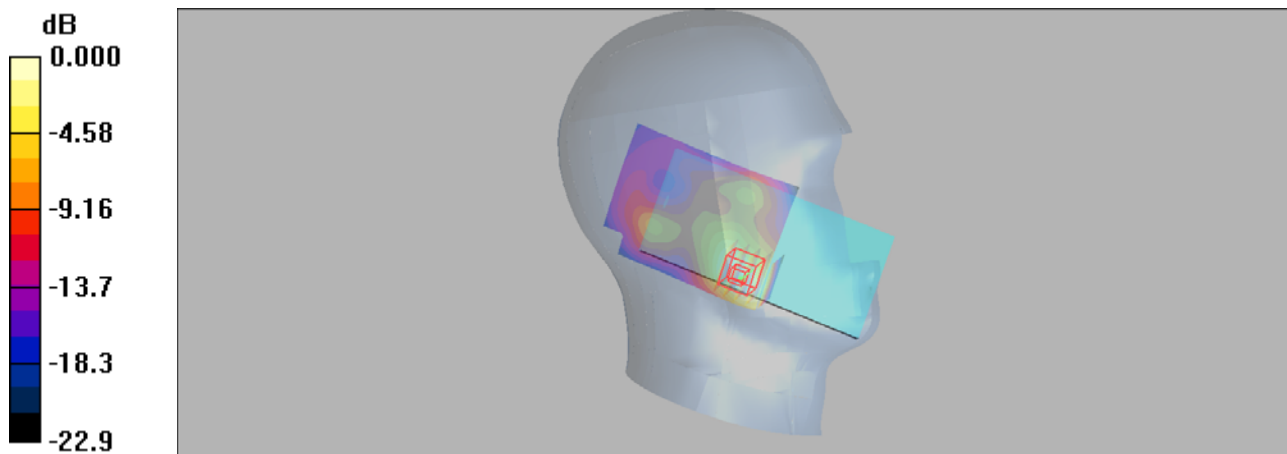
Communication System: LTE Band 7; Frequency: 2535 MHz; Duty Cycle: 1:1  
Medium: H2600 Medium parameters used:  $f = 2535$  MHz;  $\sigma = 1.98$  mho/m;  $\epsilon_r = 37.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

#### DASY4 Configuration:

- Probe: ES3DV3 - SN3090; ConvF(4.57, 4.57, 4.57); Calibrated: 2019/4/12
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn662; Calibrated: 2019/4/11
- Phantom: SAM 2; Type: QD 000 P40 CB; Serial: TP-1376
- ; Postprocessing SW: SEMCAD, V1.8 Build 186

**Test/Area Scan (61x81x1):** Measurement grid: dx=12mm, dy=12mm  
Maximum value of SAR (interpolated) = 0.308 mW/g

**Test/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 2.29 V/m; Power Drift = 0.14 dB  
Peak SAR (extrapolated) = 0.418 W/kg  
**SAR(1 g) = 0.228 mW/g; SAR(10 g) = 0.118 mW/g**  
Maximum value of SAR (measured) = 0.286 mW/g



0 dB = 0.286mW/g

**P10\_LTE 12\_QPSK10M\_Right Cheek\_23130\_1 RB\_24 Offset**

**DUT: EUT**

Communication System: LTE Band 12; Frequency: 711 MHz; Duty Cycle: 1:1

Medium: H750 Medium parameters used:  $f = 711 \text{ MHz}$ ;  $\sigma = 0.863 \text{ mho/m}$ ;  $\epsilon_r = 40.8$ ;  $\rho = 1000 \text{ kg/m}^3$

**DASY4 Configuration:**

- Probe: ES3DV3 - SN3090; ConvF(6.22, 6.22, 6.22); Calibrated: 2019/4/12
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn662; Calibrated: 2019/4/11
- Phantom: SAM 1; Type: QD 000 P40 CB; Serial: TP/1378
- ; Postprocessing SW: SEMCAD, V1.8 Build 186

**Test/Area Scan (61x81x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.250 mW/g

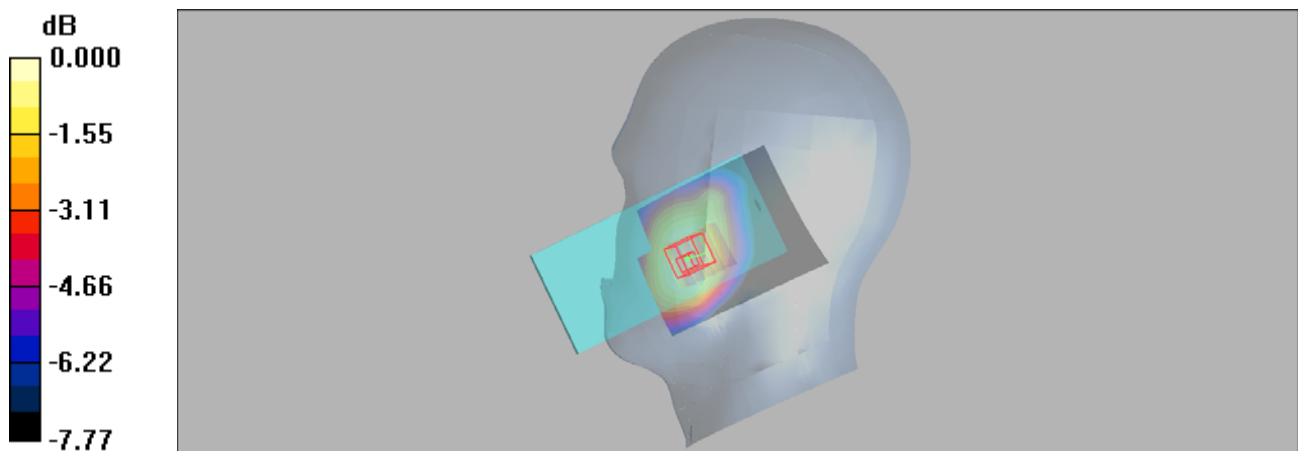
**Test/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 6.03 V/m; Power Drift = 0.116 dB

Peak SAR (extrapolated) = 0.284 W/kg

**SAR(1 g) = 0.232 mW/g; SAR(10 g) = 0.184 mW/g**

Maximum value of SAR (measured) = 0.249 mW/g



0 dB = 0.249mW/g

### P11\_LTE 13\_QPSK10M\_Right Cheek\_23230\_1 RB\_0 Offset

#### DUT: EUT

Communication System: LTE Band 13; Frequency: 782 MHz; Duty Cycle: 1:1

Medium: H750 Medium parameters used:  $f = 782 \text{ MHz}$ ;  $\sigma = 0.916 \text{ mho/m}$ ;  $\epsilon_r = 40.1$ ;  $\rho = 1000 \text{ kg/m}^3$

#### DASY4 Configuration:

- Probe: ES3DV3 - SN3090; ConvF(6.22, 6.22, 6.22); Calibrated: 2019/4/12
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn662; Calibrated: 2019/4/11
- Phantom: SAM 1; Type: QD 000 P40 CB; Serial: TP/1378
- ; Postprocessing SW: SEMCAD, V1.8 Build 186

**Test/Area Scan (61x81x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.267 mW/g

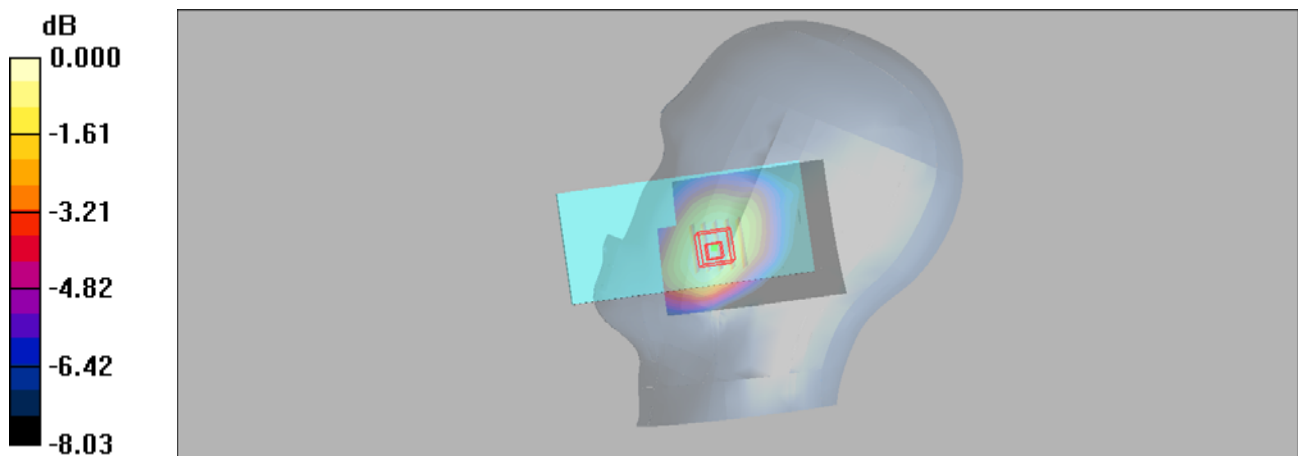
**Test/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 6.58 V/m; Power Drift = 0.066 dB

Peak SAR (extrapolated) = 0.308 W/kg

**SAR(1 g) = 0.244 mW/g; SAR(10 g) = 0.188 mW/g**

Maximum value of SAR (measured) = 0.269 mW/g



0 dB = 0.269mW/g

## P12\_802.11b\_Left Cheek\_11

### DUT: EUT

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

Medium: H2450 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.8$  mho/m;  $\epsilon_r = 40.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

### DASY4 Configuration:

- Probe: ES3DV3 - SN3090; ConvF(4.57, 4.57, 4.57); Calibrated: 2019/4/12
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn662; Calibrated: 2019/4/11
- Phantom: SAM 2; Type: QD 000 P40 CB; Serial: TP-1376
- ; Postprocessing SW: SEMCAD, V1.8 Build 186

**Test/Area Scan (61x71x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 1.27 mW/g

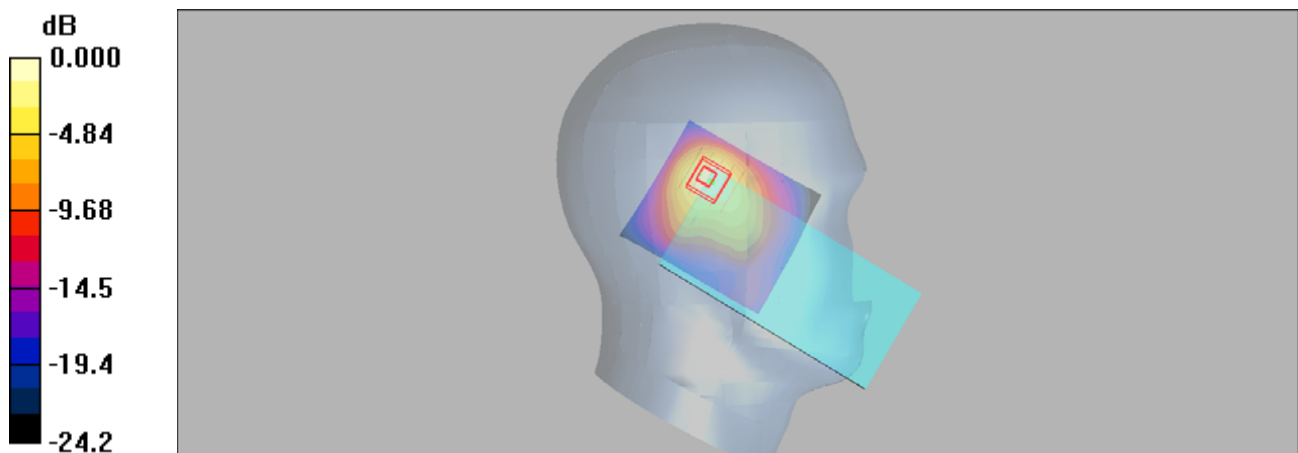
**Test/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.1 V/m; Power Drift = -0.116 dB

Peak SAR (extrapolated) = 2.33 W/kg

**SAR(1 g) = 0.984 mW/g; SAR(10 g) = 0.454 mW/g**

Maximum value of SAR (measured) = 1.25 mW/g



0 dB = 1.25mW/g

### P13\_GSM850\_GPRS10\_Rear Face\_10MM\_190

#### DUT: EUT

Communication System: GPRS 850-2slots; Frequency: 836.6 MHz; Duty Cycle: 1:4

Medium: H850 Medium parameters used:  $f = 837 \text{ MHz}$ ;  $\sigma = 0.892 \text{ mho/m}$ ;  $\epsilon_r = 42.3$ ;  $\rho = 1000 \text{ kg/m}^3$

#### DASY4 Configuration:

- Probe: ES3DV3 - SN3090; ConvF(6.12, 6.12, 6.12); Calibrated: 2019/4/12
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn662; Calibrated: 2019/4/11
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1125
- ; Postprocessing SW: SEMCAD, V1.8 Build 186

**Test/Area Scan (71x71x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.591 mW/g

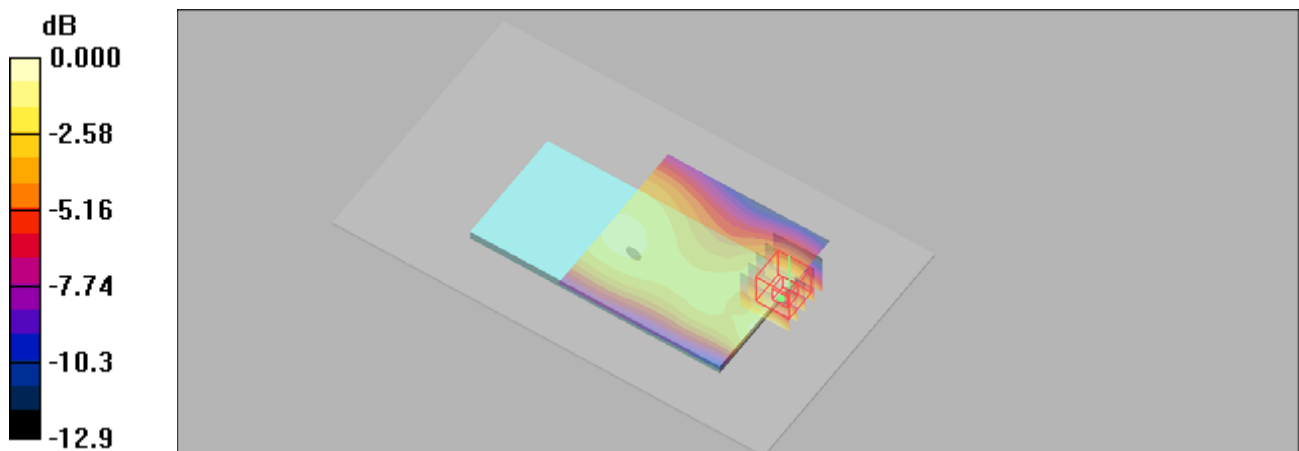
**Test/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 22.0 V/m; Power Drift = 0.002 dB

Peak SAR (extrapolated) = 0.828 W/kg

**SAR(1 g) = 0.490 mW/g; SAR(10 g) = 0.294 mW/g**

Maximum value of SAR (measured) = 0.582 mW/g



0 dB = 0.582mW/g

## P14\_GSM1900\_GPRS10\_Bottom Side\_10MM\_512

### DUT: EUT

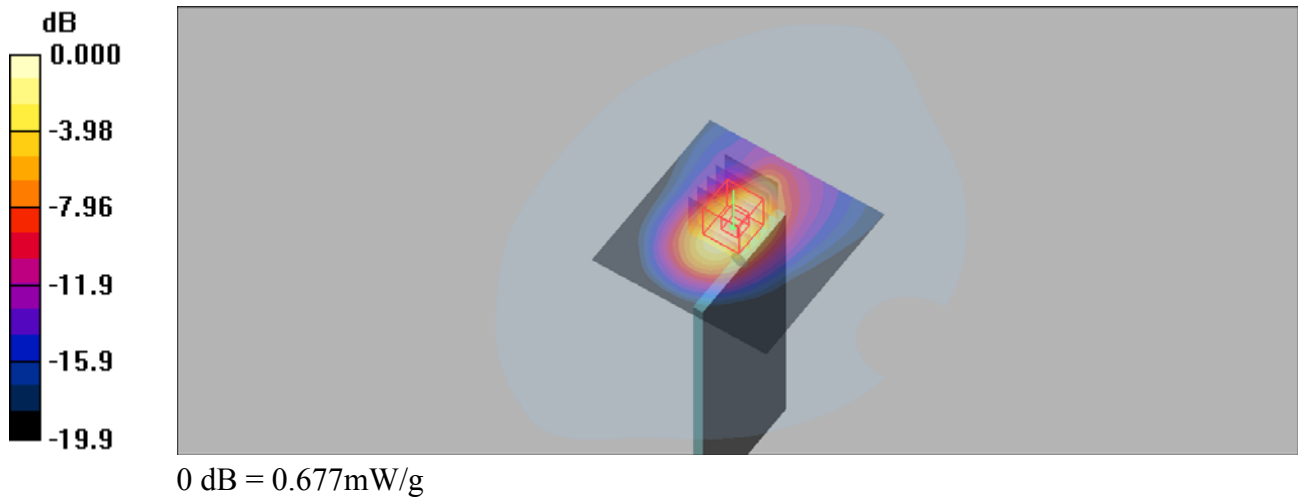
Communication System: GPRS1900-2slots; Frequency: 1850.2 MHz; Duty Cycle: 1:4  
Medium: H1900 Medium parameters used (interpolated):  $f = 1850.2$  MHz;  $\sigma = 1.35$  mho/m;  $\epsilon_r = 41.6$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>

#### DASY4 Configuration:

- Probe: ES3DV3 - SN3090; ConvF(5.06, 5.06, 5.06); Calibrated: 2019/4/12
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn662; Calibrated: 2019/4/11
- Phantom: SAM 1; Type: QD 000 P40 CB; Serial: TP/1378
- ; Postprocessing SW: SEMCAD, V1.8 Build 186

**Test/Area Scan (71x71x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.697 mW/g

**Test/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 18.0 V/m; Power Drift = 0.111 dB  
Peak SAR (extrapolated) = 1.03 W/kg  
**SAR(1 g) = 0.532 mW/g; SAR(10 g) = 0.271 mW/g**  
Maximum value of SAR (measured) = 0.677 mW/g



### P15\_WCDMA II\_RMC12.2K\_Bottom Side\_10MM\_9538

#### DUT: EUT

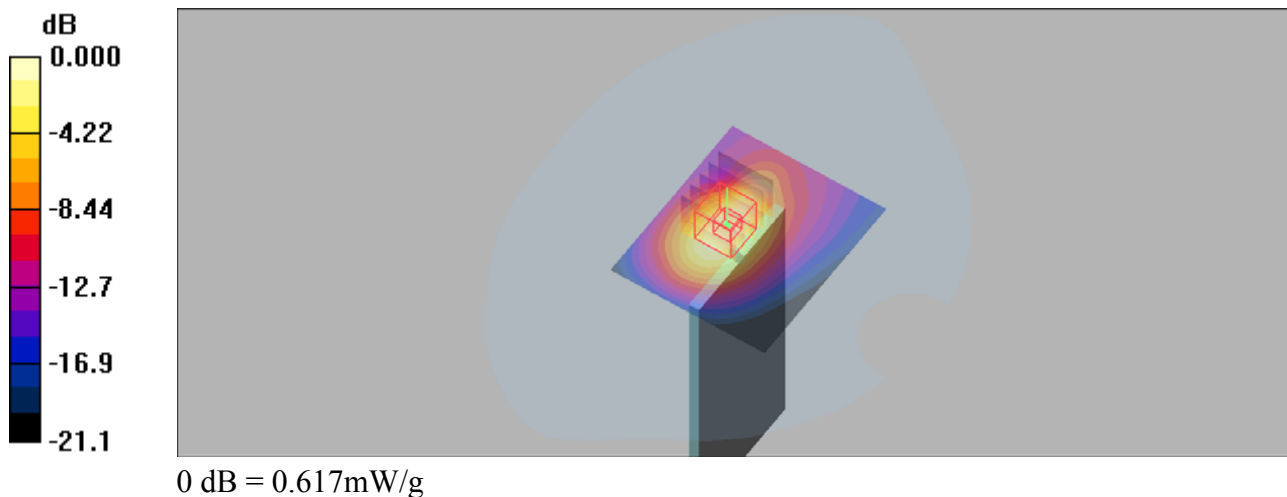
Communication System: WCDMA Band II; Frequency: 1907.6 MHz; Duty Cycle: 1:1  
Medium: H1900 Medium parameters used:  $f = 1908$  MHz;  $\sigma = 1.42$  mho/m;  $\epsilon_r = 41.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

#### DASY4 Configuration:

- Probe: ES3DV3 - SN3090; ConvF(5.06, 5.06, 5.06); Calibrated: 2019/4/12
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn662; Calibrated: 2019/4/11
- Phantom: SAM 1; Type: QD 000 P40 CB; Serial: TP/1378
- ; Postprocessing SW: SEMCAD, V1.8 Build 186

**Test/Area Scan (61x71x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.653 mW/g

**Test/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 18.4 V/m; Power Drift = 0.168 dB  
Peak SAR (extrapolated) = 0.923 W/kg  
**SAR(1 g) = 0.488 mW/g; SAR(10 g) = 0.254 mW/g**  
Maximum value of SAR (measured) = 0.617 mW/g



## P16\_WCDMA IV\_RMC12.2K\_Bottom Side\_10MM\_1513

### DUT: EUT

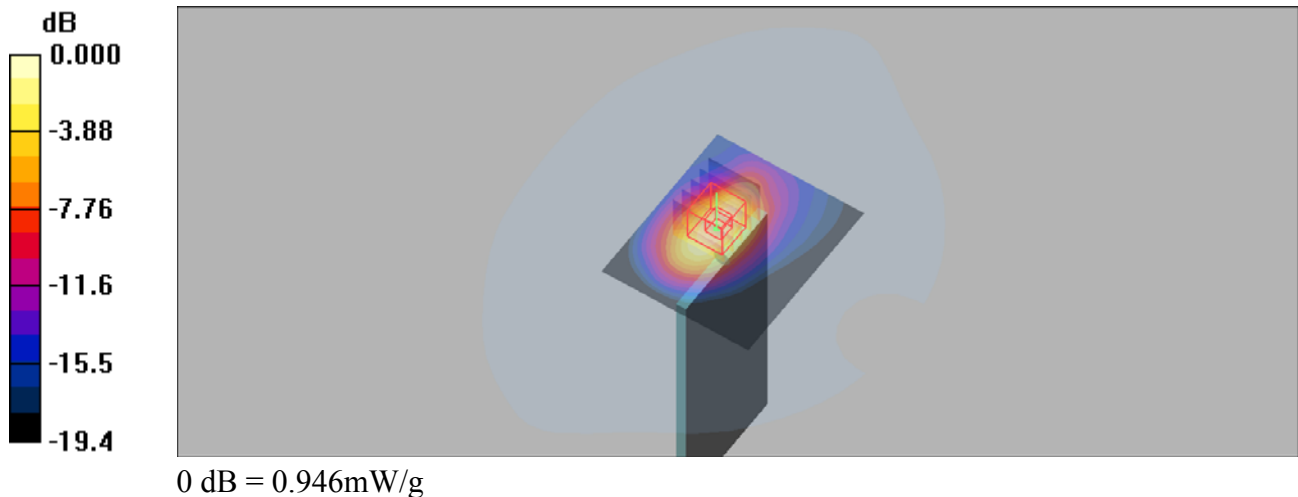
Communication System: WCDMA Band IV; Frequency: 1752.6 MHz; Duty Cycle: 1:1  
 Medium: H1750 Medium parameters used:  $f = 1753$  MHz;  $\sigma = 1.37$  mho/m;  $\epsilon_r = 40.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

#### DASY4 Configuration:

- Probe: ES3DV3 - SN3090; ConvF(5.36, 5.36, 5.36); Calibrated: 2019/4/12
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn662; Calibrated: 2019/4/11
- Phantom: SAM 1; Type: QD 000 P40 CB; Serial: TP/1378
- ; Postprocessing SW: SEMCAD, V1.8 Build 186

**Test/Area Scan (61x71x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (interpolated) = 1.01 mW/g

**Test/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
 Reference Value = 23.4 V/m; Power Drift = -0.03dB  
 Peak SAR (extrapolated) = 1.45 W/kg  
**SAR(1 g) = 0.747 mW/g; SAR(10 g) = 0.382 mW/g**  
 Maximum value of SAR (measured) = 0.946 mW/g





## P17\_WCDMA V\_RMC12.2K\_Rear Face\_10MM\_4132

### DUT: EUT

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

Medium: H850 Medium parameters used (interpolated):  $f = 826.4$  MHz;  $\sigma = 0.882$  mho/m;  $\epsilon_r = 42.5$ ;

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

DASY4 Configuration:

- Probe: ES3DV3 - SN3090; ConvF(6.12, 6.12, 6.12); Calibrated: 2019/4/12
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn662; Calibrated: 2019/4/11
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1125
- ; Postprocessing SW: SEMCAD, V1.8 Build 186

**Test/Area Scan (71x71x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.318 mW/g

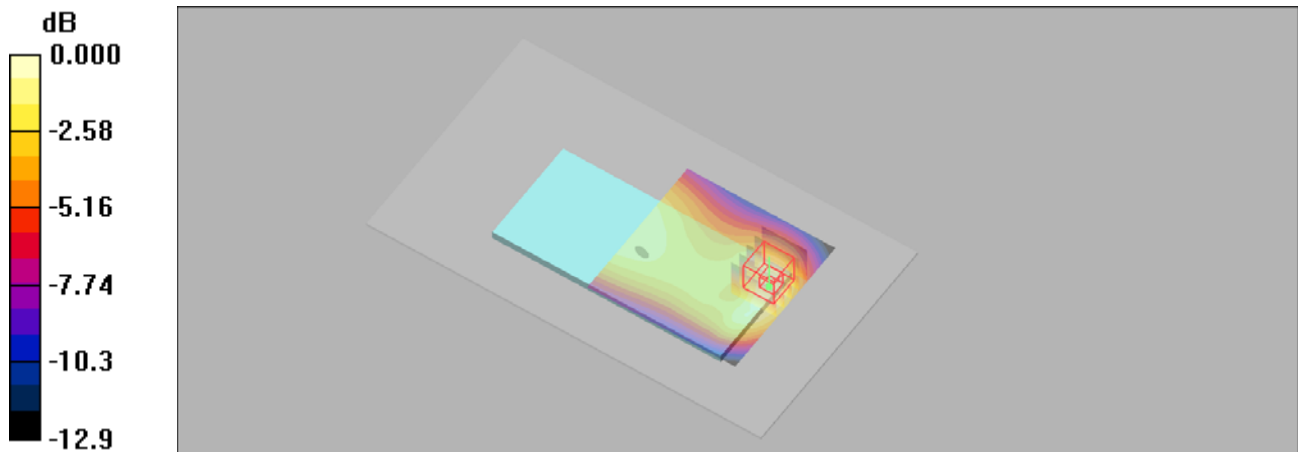
**Test/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.1 V/m; Power Drift = -0.160 dB

Peak SAR (extrapolated) = 0.429 W/kg

**SAR(1 g) = 0.254 mW/g; SAR(10 g) = 0.153 mW/g**

Maximum value of SAR (measured) = 0.305 mW/g



0 dB = 0.305mW/g

**P18\_LTE 2\_QPSK20M\_Bottom Side\_10MM\_18700\_1RB\_50 Offset**

**DUT: EUT**

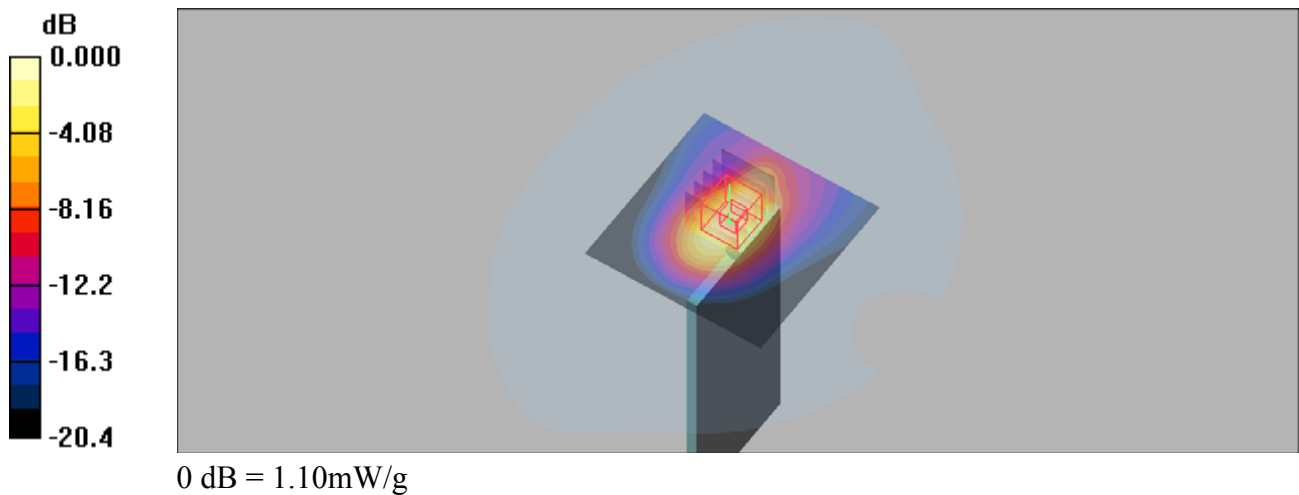
Communication System: LTE Band 2; Frequency: 1860 MHz; Duty Cycle: 1:1  
 Medium: H1900 Medium parameters used:  $f = 1860$  MHz;  $\sigma = 1.36$  mho/m;  $\epsilon_r = 41.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

**DASY4 Configuration:**

- Probe: ES3DV3 - SN3090; ConvF(5.06, 5.06, 5.06); Calibrated: 2019/4/12
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn662; Calibrated: 2019/4/11
- Phantom: SAM 1; Type: QD 000 P40 CB; Serial: TP/1378
- ; Postprocessing SW: SEMCAD, V1.8 Build 186

**Test/Area Scan (71x71x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (interpolated) = 1.11 mW/g

**Test/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
 Reference Value = 24.6 V/m; Power Drift = 0.185 dB  
 Peak SAR (extrapolated) = 1.71 W/kg  
**SAR(1 g) = 0.861 mW/g; SAR(10 g) = 0.437 mW/g**  
 Maximum value of SAR (measured) = 1.10 mW/g



### P19\_LTE 4\_QPSK20M\_Bottom Side\_10MM\_20300\_1 RB\_50 Offset

#### DUT: EUT

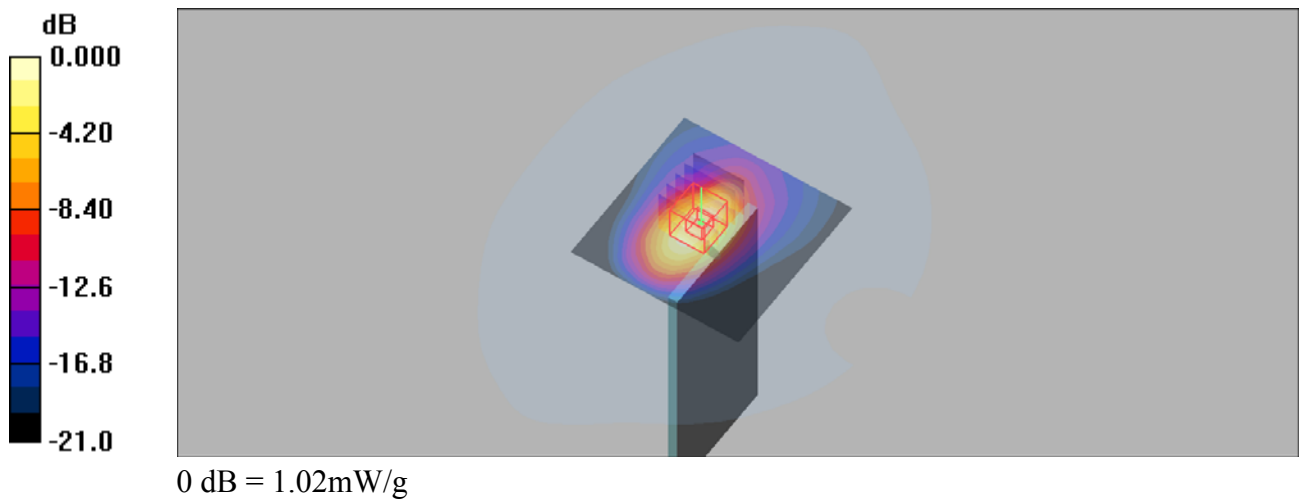
Communication System: LTE Band 4&20M; Frequency: 1745 MHz;Duty Cycle: 1:1  
Medium: H1750 Medium parameters used:  $f = 1745$  MHz;  $\sigma = 1.36$  mho/m;  $\epsilon_r = 40.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

#### DASY4 Configuration:

- Probe: ES3DV3 - SN3090; ConvF(5.36, 5.36, 5.36); Calibrated: 2019/4/12
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn662; Calibrated: 2019/4/11
- Phantom: SAM 1; Type: QD 000 P40 CB; Serial: TP/1378
- ; Postprocessing SW: SEMCAD, V1.8 Build 186

**Test/Area Scan (71x71x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 1.08 mW/g

**Test/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 21.3 V/m; Power Drift = 0.03 dB  
Peak SAR (extrapolated) = 1.53 W/kg  
**SAR(1 g) = 0.799 mW/g; SAR(10 g) = 0.409 mW/g**  
Maximum value of SAR (measured) = 1.02 mW/g



## P20\_LTE 5\_QPSK10M\_Bottom Side\_10MM\_20600\_25 RB\_0 Offset

### DUT: EUT

Communication System: LTE Band5; Frequency: 844 MHz; Duty Cycle: 1:1

Medium: H850 Medium parameters used:  $f = 844 \text{ MHz}$ ;  $\sigma = 0.899 \text{ mho/m}$ ;  $\epsilon_r = 42.2$ ;  $\rho = 1000 \text{ kg/m}^3$

#### DASY4 Configuration:

- Probe: ES3DV3 - SN3090; ConvF(6.12, 6.12, 6.12); Calibrated: 2019/4/12
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn662; Calibrated: 2019/4/11
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1125
- ; Postprocessing SW: SEMCAD, V1.8 Build 186

**Test/Area Scan (71x71x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.398 mW/g

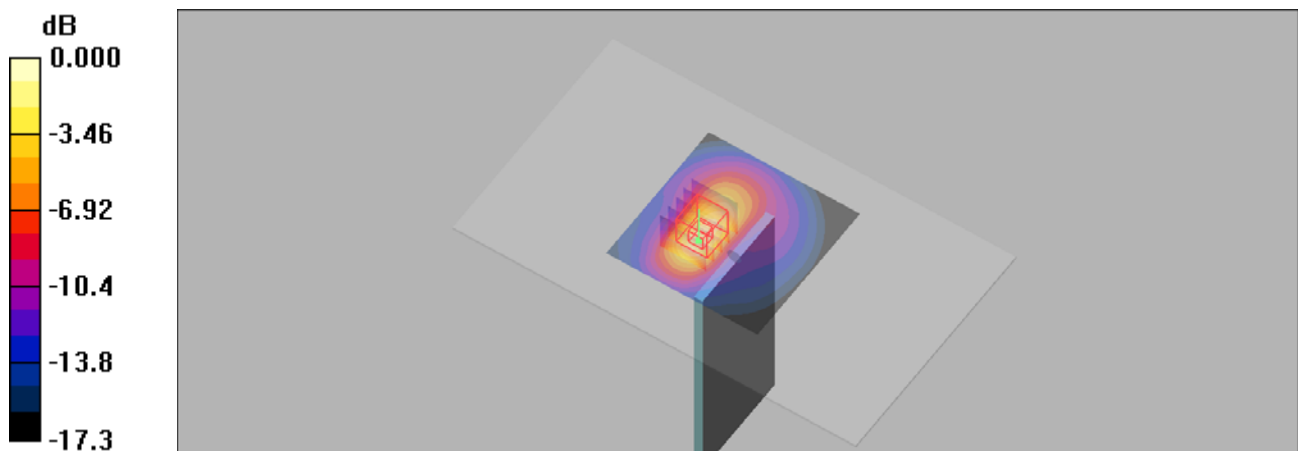
**Test/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 8.65 V/m; Power Drift = 0.170 dB

Peak SAR (extrapolated) = 0.598 W/kg

**SAR(1 g) = 0.285 mW/g; SAR(10 g) = 0.145 mW/g**

Maximum value of SAR (measured) = 0.368 mW/g



0 dB = 0.368mW/g

### P21\_LTE 7\_QPSK20M\_Bottom Side\_10MM\_21100\_1RB\_50 Offset

#### DUT: EUT

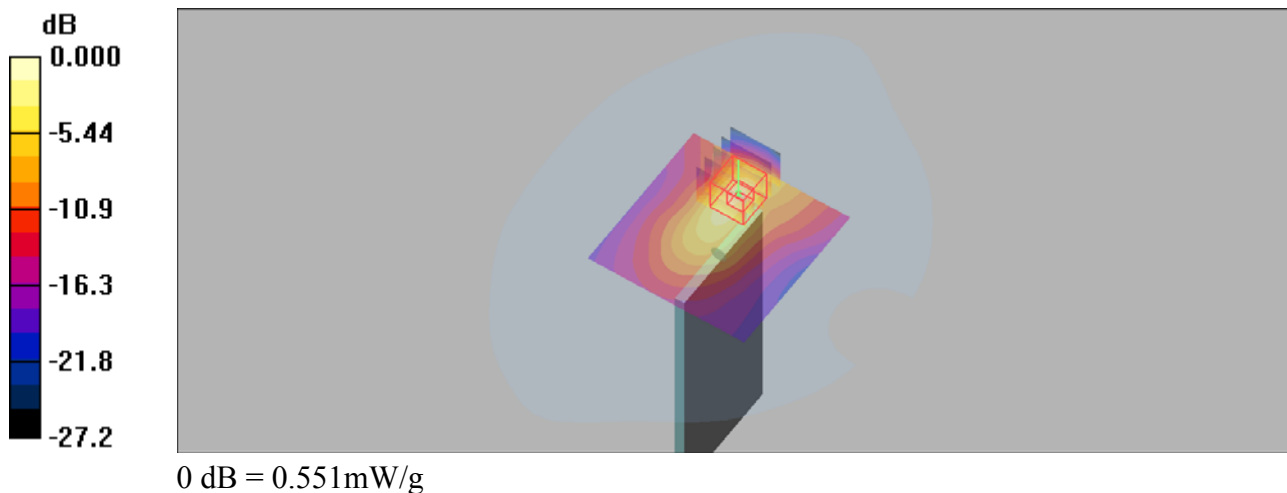
Communication System: LTE Band 7; Frequency: 2535 MHz; Duty Cycle: 1:1  
Medium: H2600 Medium parameters used:  $f = 2535$  MHz;  $\sigma = 1.98$  mho/m;  $\epsilon_r = 37.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

#### DASY4 Configuration:

- Probe: ES3DV3 - SN3090; ConvF(4.57, 4.57, 4.57); Calibrated: 2019/4/12
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn662; Calibrated: 2019/4/11
- Phantom: SAM 2; Type: QD 000 P40 CB; Serial: TP-1376
- ; Postprocessing SW: SEMCAD, V1.8 Build 186

**Test/Area Scan (51x51x1):** Measurement grid: dx=12mm, dy=12mm  
Maximum value of SAR (interpolated) = 0.464 mW/g

**Test/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 9.53 V/m; Power Drift = 0.173 dB  
Peak SAR (extrapolated) = 1.03 W/kg  
**SAR(1 g) = 0.421 mW/g; SAR(10 g) = 0.174 mW/g**  
Maximum value of SAR (measured) = 0.551 mW/g



**P22\_LTE 12\_QPSK10M\_Rear Face\_10MM\_23130\_1 RB\_24 Offset**

**DUT: EUT**

Communication System: LTE Band 12; Frequency: 711 MHz; Duty Cycle: 1:1

Medium: H750 Medium parameters used:  $f = 711 \text{ MHz}$ ;  $\sigma = 0.856 \text{ mho/m}$ ;  $\epsilon_r = 41.5$ ;  $\rho = 1000 \text{ kg/m}^3$

**DASY4 Configuration:**

- Probe: ES3DV3 - SN3090; ConvF(6.22, 6.22, 6.22); Calibrated: 2019/4/12
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn662; Calibrated: 2019/4/11
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1125
- ; Postprocessing SW: SEMCAD, V1.8 Build 186

**Test/Area Scan (61x61x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.486 mW/g

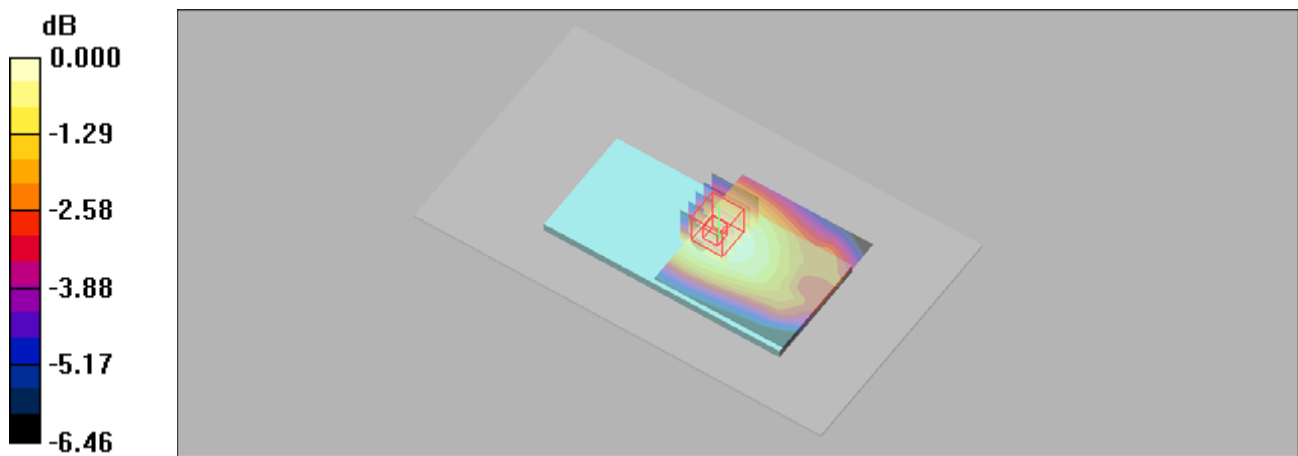
**Test/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 24.0 V/m; Power Drift = 0.001 dB

Peak SAR (extrapolated) = 0.545 W/kg

**SAR(1 g) = 0.447 mW/g; SAR(10 g) = 0.357 mW/g**

Maximum value of SAR (measured) = 0.484 mW/g



0 dB = 0.484mW/g

### P23\_LTE 13\_QPSK10M\_Rear Face\_10MM\_23230\_1 RB\_0 Offset

#### DUT: EUT

Communication System: LTE Band 13; Frequency: 782 MHz; Duty Cycle: 1:1

Medium: H750 Medium parameters used:  $f = 782 \text{ MHz}$ ;  $\sigma = 0.905 \text{ mho/m}$ ;  $\epsilon_r = 41.1$ ;  $\rho = 1000 \text{ kg/m}^3$

#### DASY4 Configuration:

- Probe: ES3DV3 - SN3090; ConvF(6.22, 6.22, 6.22); Calibrated: 2019/4/12
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn662; Calibrated: 2019/4/11
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1125
- ; Postprocessing SW: SEMCAD, V1.8 Build 186

**Test/Area Scan (61x61x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.375 mW/g

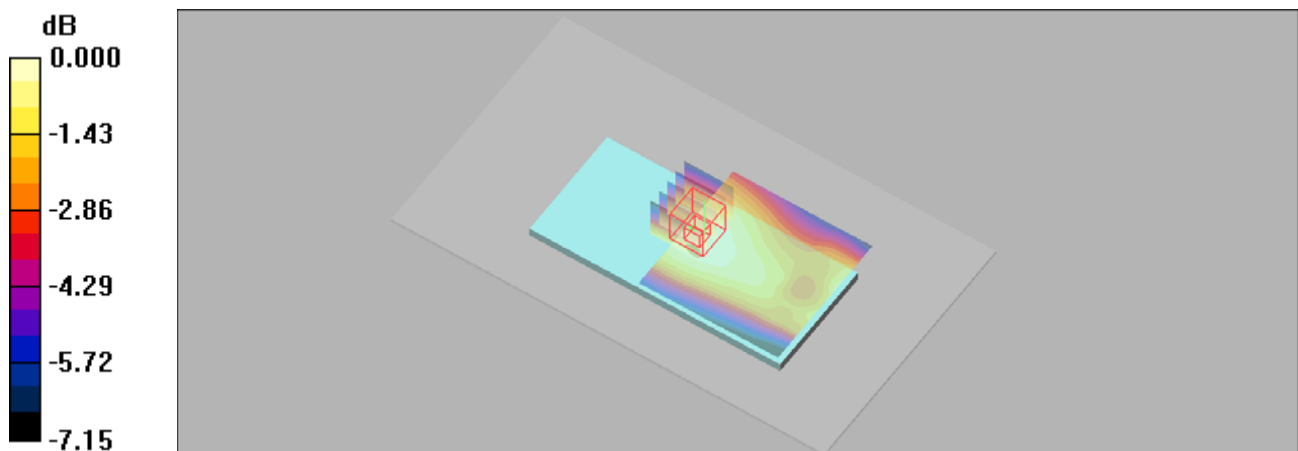
**Test/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 21.0 V/m; Power Drift = -0.021 dB

Peak SAR (extrapolated) = 0.429 W/kg

**SAR(1 g) = 0.349 mW/g; SAR(10 g) = 0.274 mW/g**

Maximum value of SAR (measured) = 0.378 mW/g



0 dB = 0.378mW/g

## P24\_802.11b\_Rear Face\_10MM\_11

### DUT: EUT

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

Medium: H2450 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.8$  mho/m;  $\epsilon_r = 40.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

### DASY4 Configuration:

- Probe: ES3DV3 - SN3090; ConvF(4.57, 4.57, 4.57); Calibrated: 2019/4/12
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn662; Calibrated: 2019/4/11
- Phantom: SAM 2; Type: QD 000 P40 CB; Serial: TP-1376
- ; Postprocessing SW: SEMCAD, V1.8 Build 186

**Test/Area Scan (71x71x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.352 mW/g

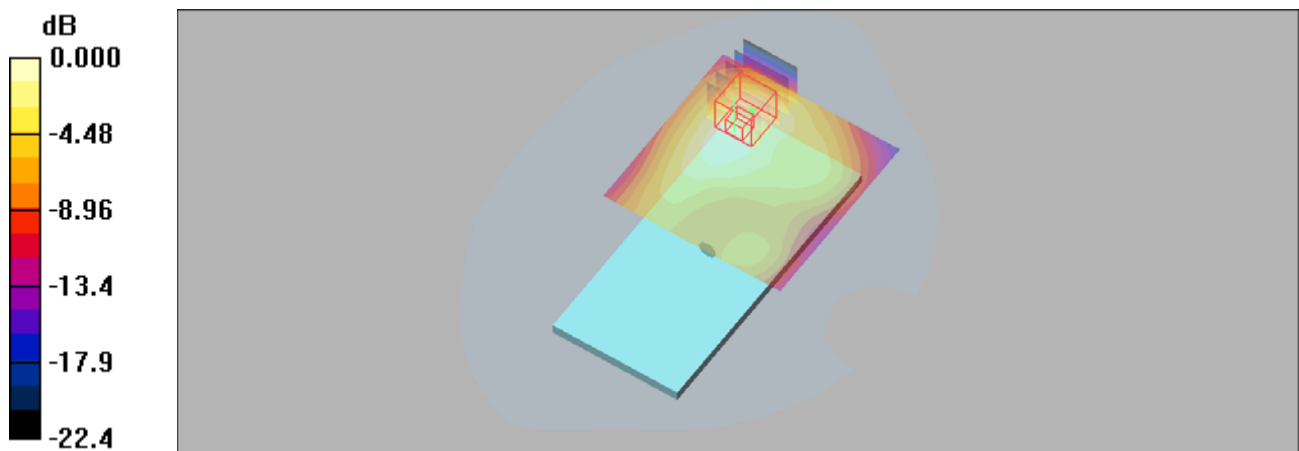
**Test/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.86 V/m; Power Drift = -0.02dB

Peak SAR (extrapolated) = 0.510 W/kg

**SAR(1 g) = 0.279 mW/g; SAR(10 g) = 0.149 mW/g**

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



0 dB = 0.350mW/g



## P25\_GSM1900\_GPRS10\_Front Face\_10MM\_512

### DUT: EUT

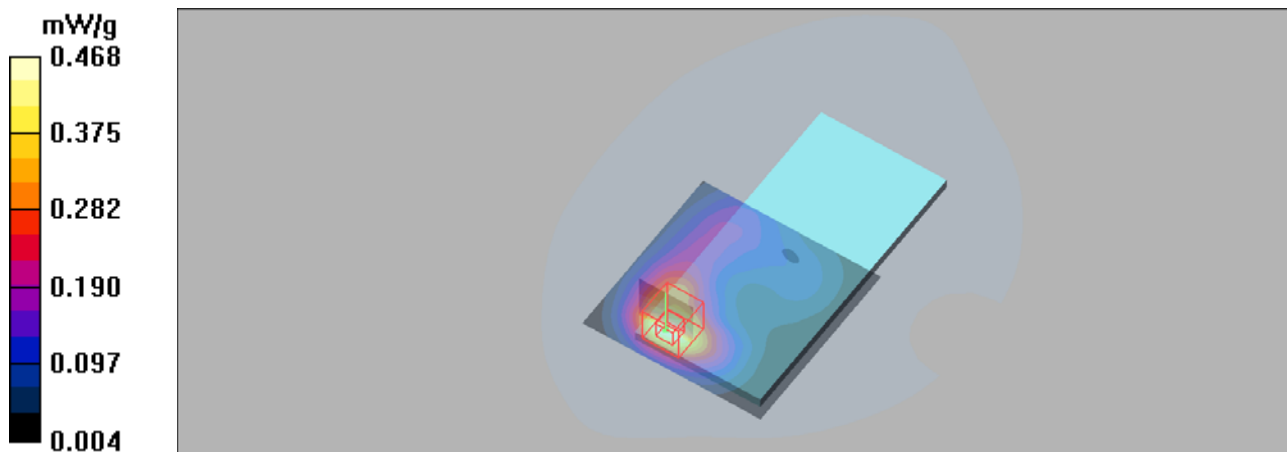
Communication System: GPRS1900-2slots; Frequency: 1850.2 MHz; Duty Cycle: 1:4  
Medium: H1900 Medium parameters used (interpolated):  $f = 1850.2$  MHz;  $\sigma = 1.35$  mho/m;  $\epsilon_r = 41.6$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>

#### DASY4 Configuration:

- Probe: ES3DV3 - SN3090; ConvF(5.06, 5.06, 5.06); Calibrated: 2019/4/12
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn662; Calibrated: 2019/4/11
- Phantom: SAM 1; Type: QD 000 P40 CB; Serial: TP/1378
- ; Postprocessing SW: SEMCAD, V1.8 Build 186

**Test/Area Scan (71x71x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.468 mW/g

**Test/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 8.12 V/m; Power Drift = 0.068 dB  
Peak SAR (extrapolated) = 0.737 W/kg  
**SAR(1 g) = 0.382 mW/g; SAR(10 g) = 0.204 mW/g**  
Maximum value of SAR (measured) = 0.489 mW/g



## P26\_WCDMA II\_RMC12.2K\_Rear Face\_10MM\_9538

### DUT: EUT

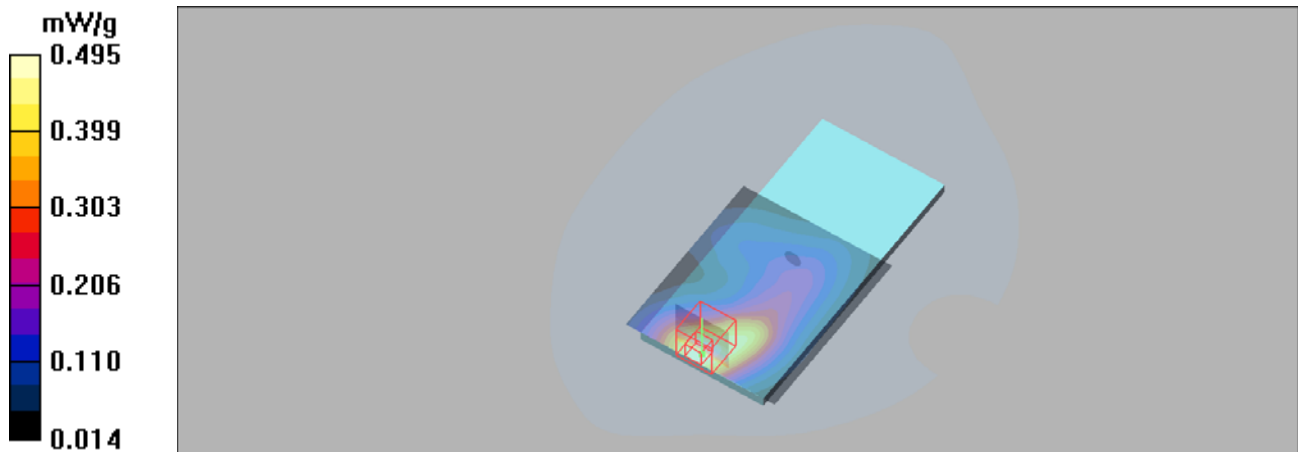
Communication System: WCDMA Band II; Frequency: 1907.6 MHz; Duty Cycle: 1:1  
Medium: H1900 Medium parameters used:  $f = 1908$  MHz;  $\sigma = 1.42$  mho/m;  $\epsilon_r = 41.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

#### DASY4 Configuration:

- Probe: ES3DV3 - SN3090; ConvF(5.06, 5.06, 5.06); Calibrated: 2019/4/12
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn662; Calibrated: 2019/4/11
- Phantom: SAM 1; Type: QD 000 P40 CB; Serial: TP/1378
- ; Postprocessing SW: SEMCAD, V1.8 Build 186

**Test/Area Scan (61x71x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.495 mW/g

**Test/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 8.84 V/m; Power Drift = -0.033 dB  
Peak SAR (extrapolated) = 0.790 W/kg  
**SAR(1 g) = 0.405 mW/g; SAR(10 g) = 0.223 mW/g**  
Maximum value of SAR (measured) = 0.502 mW/g



**P27\_WCDMA IV\_RMC12.2K\_Front Face\_10MM\_1513****DUT: EUT**

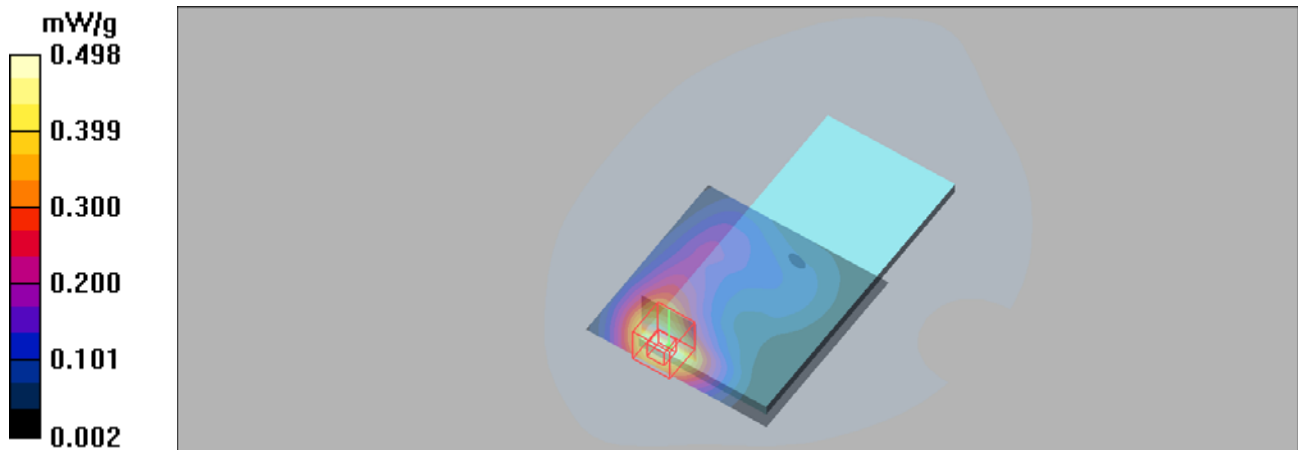
Communication System: WCDMA Band IV; Frequency: 1752.6 MHz; Duty Cycle: 1:1  
Medium: H1750 Medium parameters used:  $f = 1753$  MHz;  $\sigma = 1.37$  mho/m;  $\epsilon_r = 40.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

**DASY4 Configuration:**

- Probe: ES3DV3 - SN3090; ConvF(5.36, 5.36, 5.36); Calibrated: 2019/4/12
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn662; Calibrated: 2019/4/11
- Phantom: SAM 1; Type: QD 000 P40 CB; Serial: TP/1378
- ; Postprocessing SW: SEMCAD, V1.8 Build 186

**Test/Area Scan (71x71x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.498 mW/g

**Test/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 6.70 V/m; Power Drift = 0.046 dB  
Peak SAR (extrapolated) = 0.828 W/kg  
**SAR(1 g) = 0.441 mW/g; SAR(10 g) = 0.236 mW/g**  
Maximum value of SAR (measured) = 0.529 mW/g



### P28\_LTE 2\_QPSK20M\_Front Face\_10MM\_18900\_1RB\_50 Offset

#### DUT: EUT

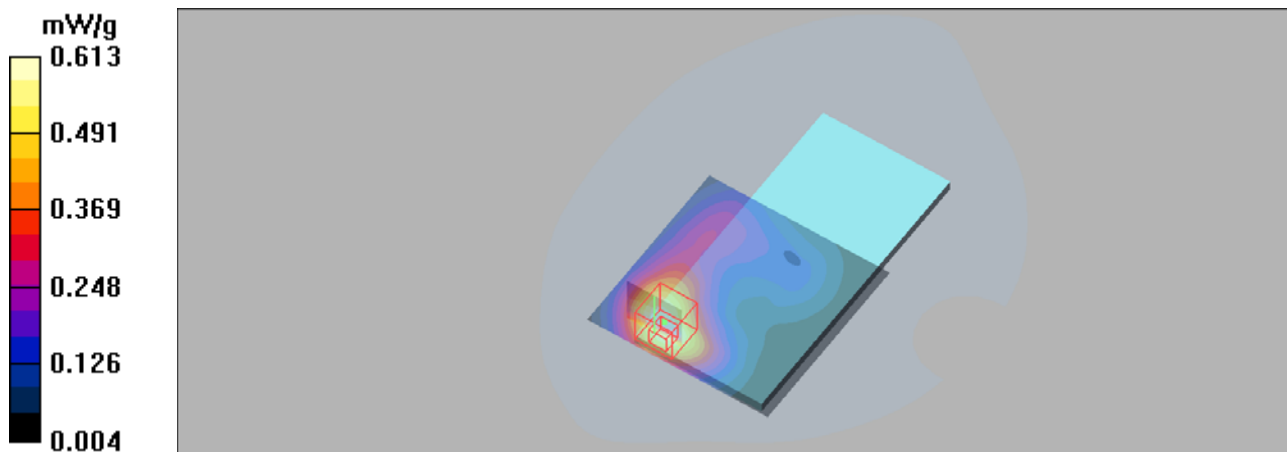
Communication System: LTE Band 2; Frequency: 1880 MHz; Duty Cycle: 1:1  
Medium: H1900 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.39$  mho/m;  $\epsilon_r = 41.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

#### DASY4 Configuration:

- Probe: ES3DV3 - SN3090; ConvF(5.06, 5.06, 5.06); Calibrated: 2019/4/12
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn662; Calibrated: 2019/4/11
- Phantom: SAM 1; Type: QD 000 P40 CB; Serial: TP/1378
- ; Postprocessing SW: SEMCAD, V1.8 Build 186

**Test/Area Scan (71x71x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.613 mW/g

**Test/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 9.40 V/m; Power Drift = 0.048 dB  
Peak SAR (extrapolated) = 0.974 W/kg  
**SAR(1 g) = 0.495 mW/g; SAR(10 g) = 0.272 mW/g**  
Maximum value of SAR (measured) = 0.625 mW/g



### P29\_LTE 4\_QPSK20M\_Rear Face\_10MM\_20300\_1RB\_50 Offset

#### DUT: EUT

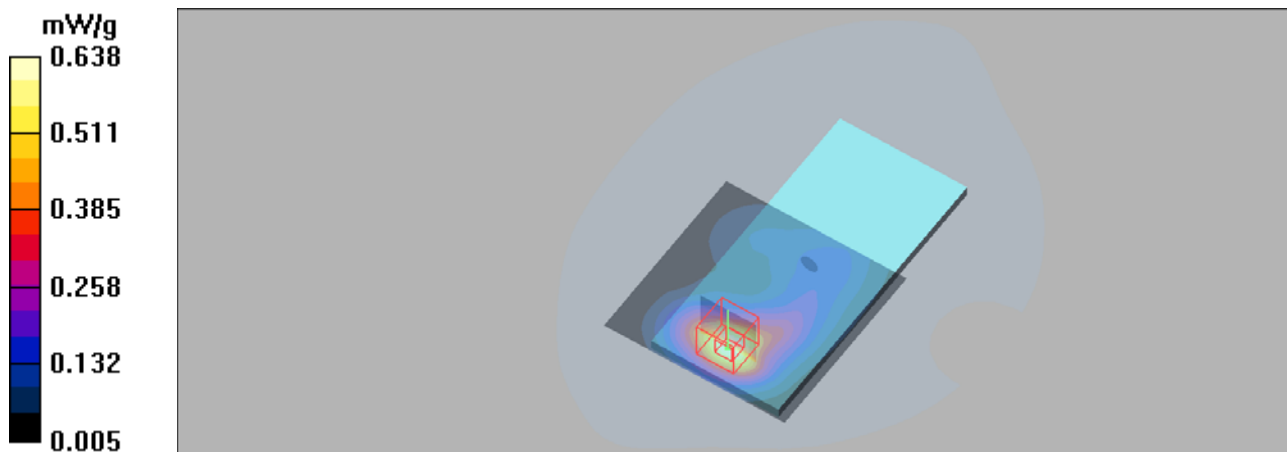
Communication System: LTE Band 4&20M; Frequency: 1745 MHz; Duty Cycle: 1:1  
Medium: H1750 Medium parameters used:  $f = 1745$  MHz;  $\sigma = 1.36$  mho/m;  $\epsilon_r = 40.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

#### DASY4 Configuration:

- Probe: ES3DV3 - SN3090; ConvF(5.36, 5.36, 5.36); Calibrated: 2019/4/12
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn662; Calibrated: 2019/4/11
- Phantom: SAM 1; Type: QD 000 P40 CB; Serial: TP/1378
- ; Postprocessing SW: SEMCAD, V1.8 Build 186

**Test/Area Scan (71x71x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.638 mW/g

**Test/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 9.94 V/m; Power Drift = -0.042 dB  
Peak SAR (extrapolated) = 0.963 W/kg  
**SAR(1 g) = 0.522 mW/g; SAR(10 g) = 0.282 mW/g**  
Maximum value of SAR (measured) = 0.655 mW/g



### P30\_LTE 5\_QPSK10M\_Front Face\_10MM\_20600\_25 RB\_0 Offset

#### DUT: EUT

Communication System: LTE Band5; Frequency: 844 MHz; Duty Cycle: 1:1

Medium: H850 Medium parameters used:  $f = 844 \text{ MHz}$ ;  $\sigma = 0.899 \text{ mho/m}$ ;  $\epsilon_r = 42.2$ ;  $\rho = 1000 \text{ kg/m}^3$

#### DASY4 Configuration:

- Probe: ES3DV3 - SN3090; ConvF(6.12, 6.12, 6.12); Calibrated: 2019/4/12
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn662; Calibrated: 2019/4/11
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1125
- ; Postprocessing SW: SEMCAD, V1.8 Build 186

**Test/Area Scan (71x71x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.279 mW/g

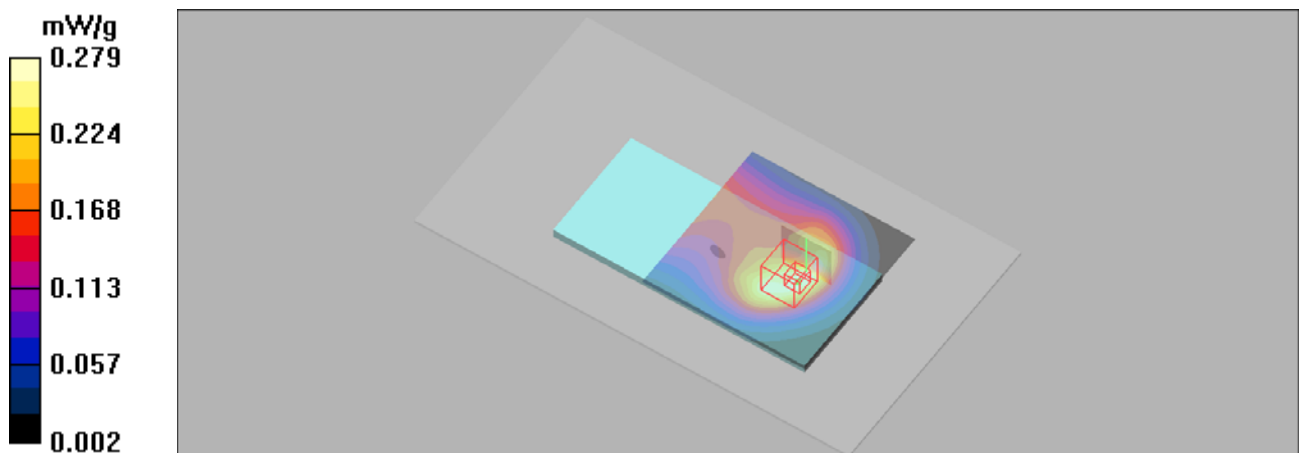
**Test/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 12.7 V/m; Power Drift = 0.060 dB

Peak SAR (extrapolated) = 0.415 W/kg

**SAR(1 g) = 0.247 mW/g; SAR(10 g) = 0.151 mW/g**

Maximum value of SAR (measured) = 0.300 mW/g



**P31\_LTE 7\_QPSK20M\_Front Face\_10MM\_21100\_1RB\_50 Offset**

**DUT: EUT**

Communication System: LTE Band 7; Frequency: 2535 MHz; Duty Cycle: 1:1  
 Medium: H2600 Medium parameters used:  $f = 2535$  MHz;  $\sigma = 1.98$  mho/m;  $\epsilon_r = 37.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

**DASY4 Configuration:**

- Probe: ES3DV3 - SN3090; ConvF(4.57, 4.57, 4.57); Calibrated: 2019/4/12
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn662; Calibrated: 2019/4/11
- Phantom: SAM 2; Type: QD 000 P40 CB; Serial: TP-1376
- ; Postprocessing SW: SEMCAD, V1.8 Build 186

**Test/Area Scan (51x51x1):** Measurement grid: dx=12mm, dy=12mm  
 Maximum value of SAR (interpolated) = 0.513 mW/g

**Test/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
 Reference Value = 4.99 V/m; Power Drift = -0.056 dB  
 Peak SAR (extrapolated) = 0.744 W/kg  
**SAR(1 g) = 0.320 mW/g; SAR(10 g) = 0.159 mW/g**  
 Maximum value of SAR (measured) = 0.425 mW/g

