

**GSM850\_GPRS12\_Rear Face\_0mm\_251****DUT: EUT**

Communication System: GPRS 850-4solt; Frequency: 848.8 MHz;Duty Cycle: 1:2.08

Medium: H835 Medium parameters used:  $f = 849$  MHz;  $\sigma = 0.923$  mho/m;  $\epsilon_r = 41.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

**DASY4 Configuration:**

- Probe: ES3DV3 - SN3090; ConvF(6.13, 6.13, 6.13); Calibrated: 2020/5/9
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn662; Calibrated: 2020/5/6
- Phantom: SAM 1; Type: QD 000 P40 CB; Serial: TP/1378
- ; Postprocessing SW: SEMCAD, V1.8 Build 186

**Area Scan (71x101x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.890 mW/g

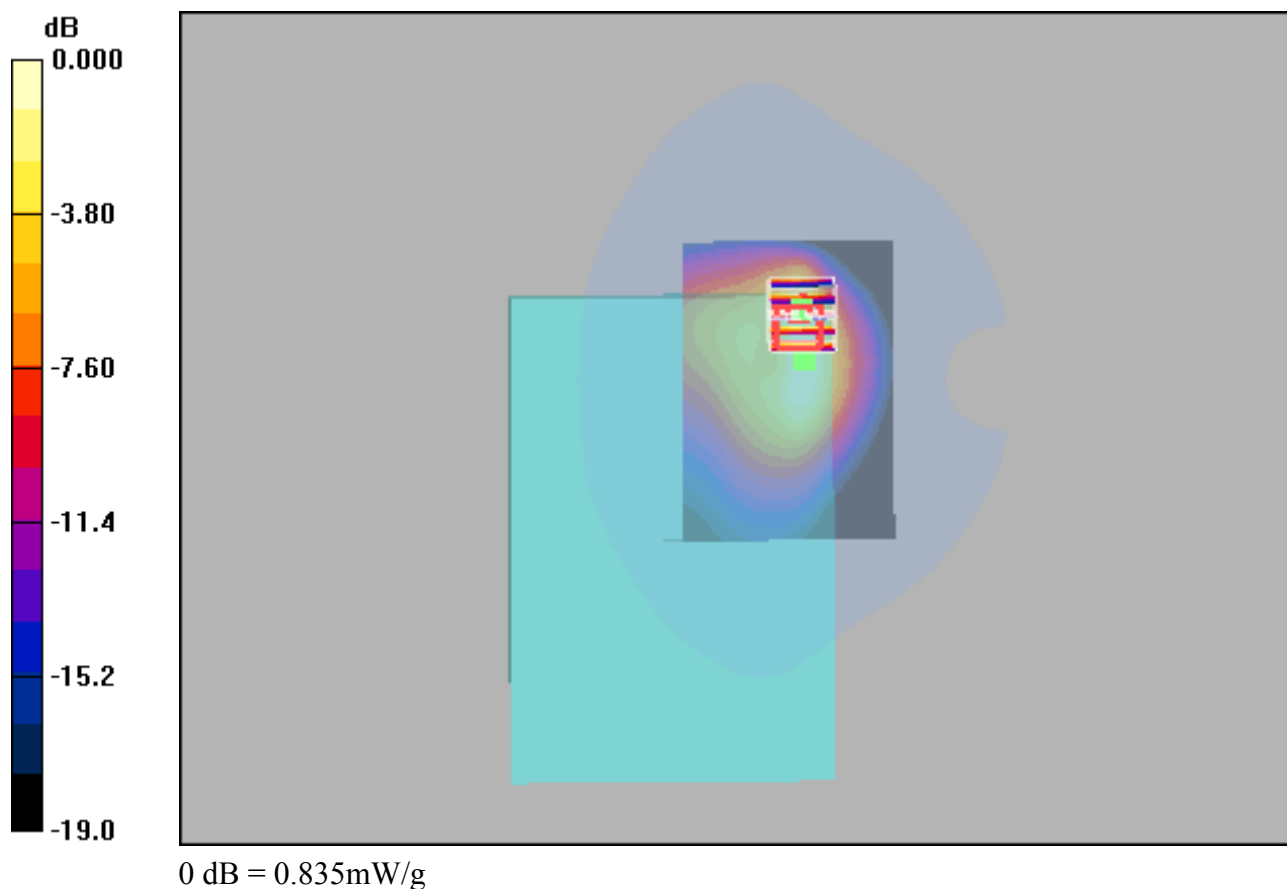
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.7 V/m; Power Drift = -0.029 dB

Peak SAR (extrapolated) = 1.65 W/kg

**SAR(1 g) = 0.617 mW/g; SAR(10 g) = 0.328 mW/g**

Maximum value of SAR (measured) = 0.835 mW/g



**GSM1900\_GPRS12\_Rear Face\_0mm\_661****DUT: EUT**

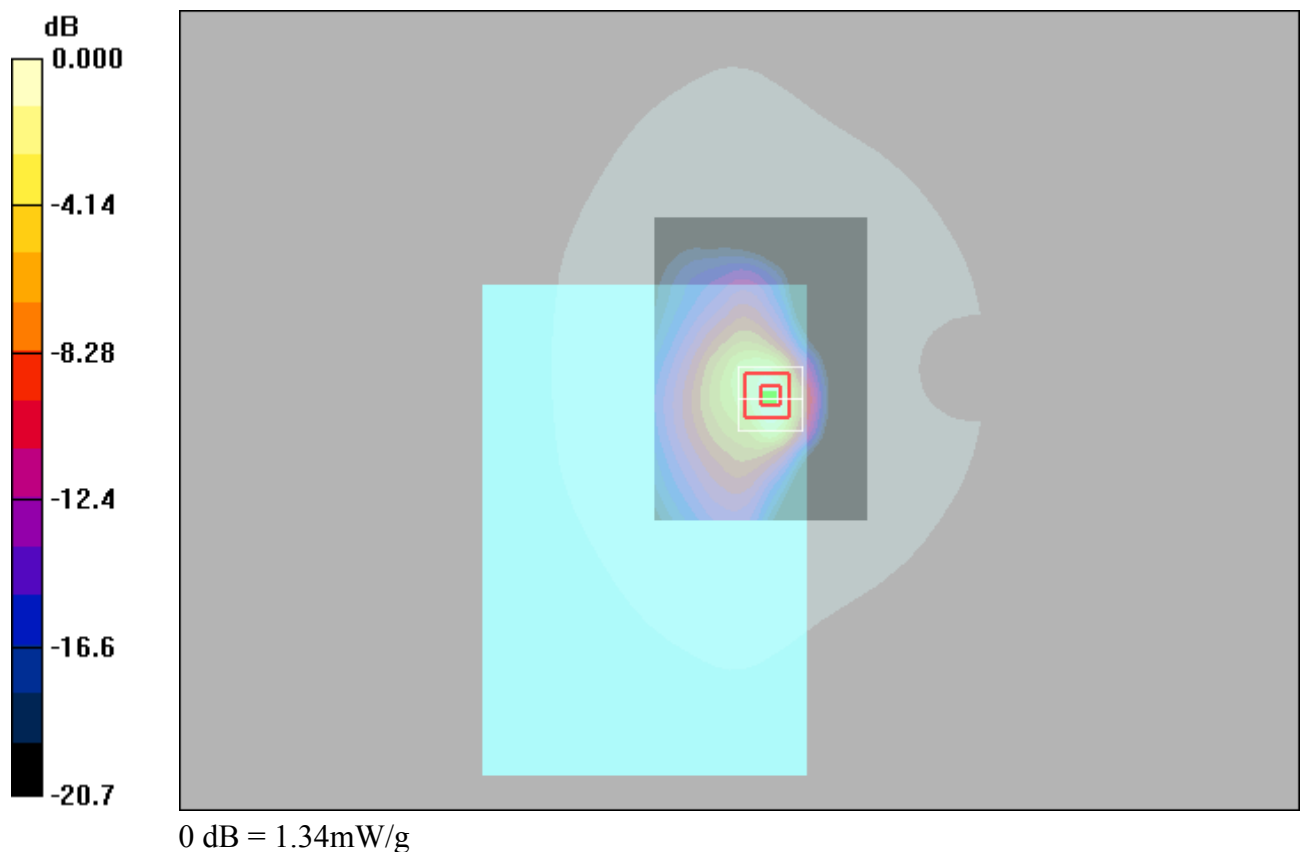
Communication System: GPRS1900-4slots; Frequency: 1880 MHz; Duty Cycle: 1:2  
Medium: H1900 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.44$  mho/m;  $\epsilon_r = 41.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

**DASY4 Configuration:**

- Probe: ES3DV3 - SN3090; ConvF(5.1, 5.1, 5.1); Calibrated: 2020/5/9
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn662; Calibrated: 2020/5/6
- Phantom: SAM 2; Type: QD 000 P40 CB; Serial: TP-1376
- Postprocessing SW: SEMCAD, V1.8 Build 186

**Area Scan (71x101x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 1.47 mW/g

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 24.9 V/m; Power Drift = 0.011 dB  
Peak SAR (extrapolated) = 2.29 W/kg  
**SAR(1 g) = 0.991 mW/g; SAR(10 g) = 0.466 mW/g**  
Maximum value of SAR (measured) = 1.34 mW/g



**WCDMA II\_RMC12.2K\_Rear Face\_9538****DUT: EUT**

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

Medium: 1750 Medium parameters used:  $f = 1800$  MHz;  $\sigma = 1.43$  mho/m;  $\epsilon_r = 39.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

**DASY4 Configuration:**

- Probe: ES3DV3 - SN3090; ConvF(5.1, 5.1, 5.1); Calibrated: 2020/5/9
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn662; Calibrated: 2020/5/6
- Phantom: SAM 2; Type: QD 000 P40 CB; Serial: TP-1376
- Postprocessing SW: SEMCAD, V1.8 Build 186

**Area Scan (71x101x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.951 mW/g

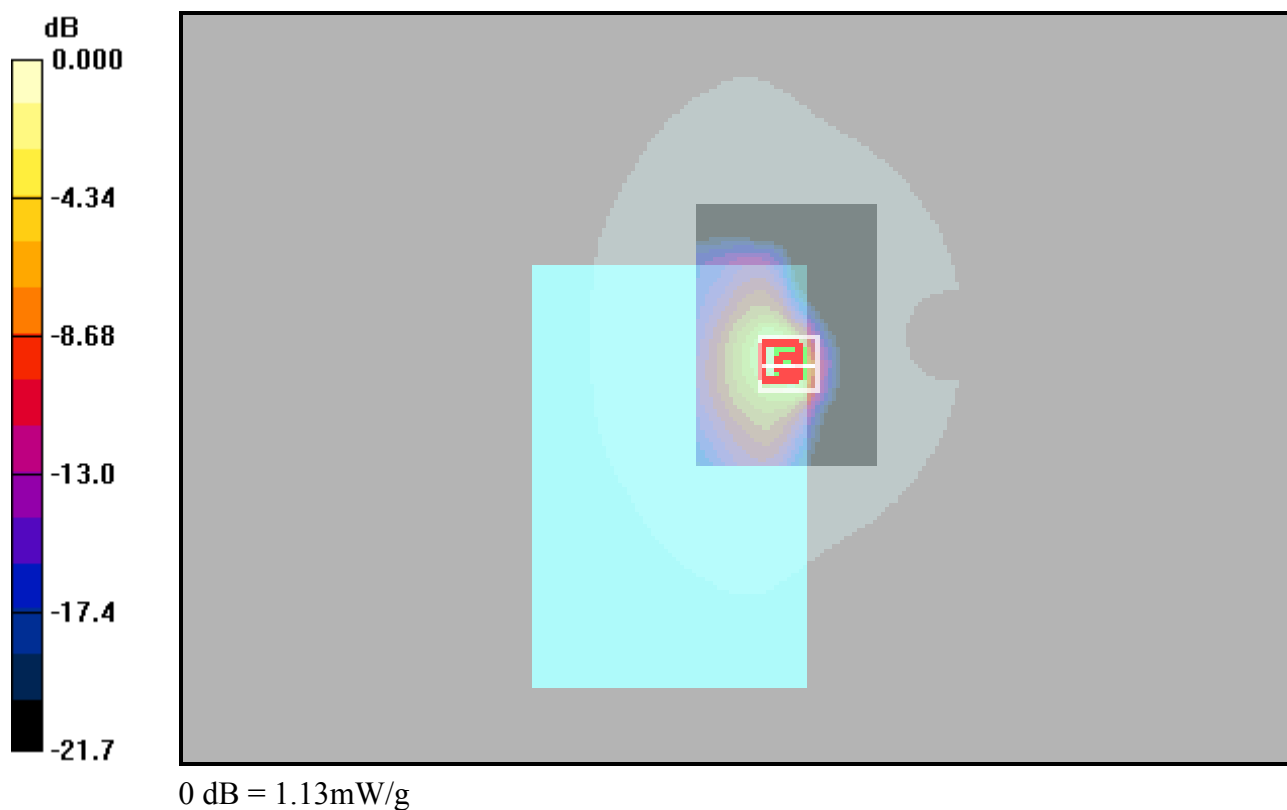
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.3 V/m; Power Drift = -0.146 dB

Peak SAR (extrapolated) = 1.88 W/kg

**SAR(1 g) = 0.818 mW/g; SAR(10 g) = 0.387 mW/g**

Maximum value of SAR (measured) = 1.13 mW/g



## WCDMA IV\_RMC12.2K\_Rear Face\_1312

### DUT: EUT

Communication System: WCDMA Band IV; Frequency: 1712.4 MHz; Duty Cycle: 1:1  
Medium: 1750 Medium parameters used (interpolated):  $f = 1712.4$  MHz;  $\sigma = 1.34$  mho/m;  $\epsilon_r = 39.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

#### DASY4 Configuration:

- Probe: ES3DV3 - SN3090; ConvF(5.38, 5.38, 5.38); Calibrated: 2020/5/9
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn662; Calibrated: 2020/5/6
- Phantom: SAM 2; Type: QD 000 P40 CB; Serial: TP-1376
- Postprocessing SW: SEMCAD, V1.8 Build 186

**Area Scan (71x101x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.08 mW/g

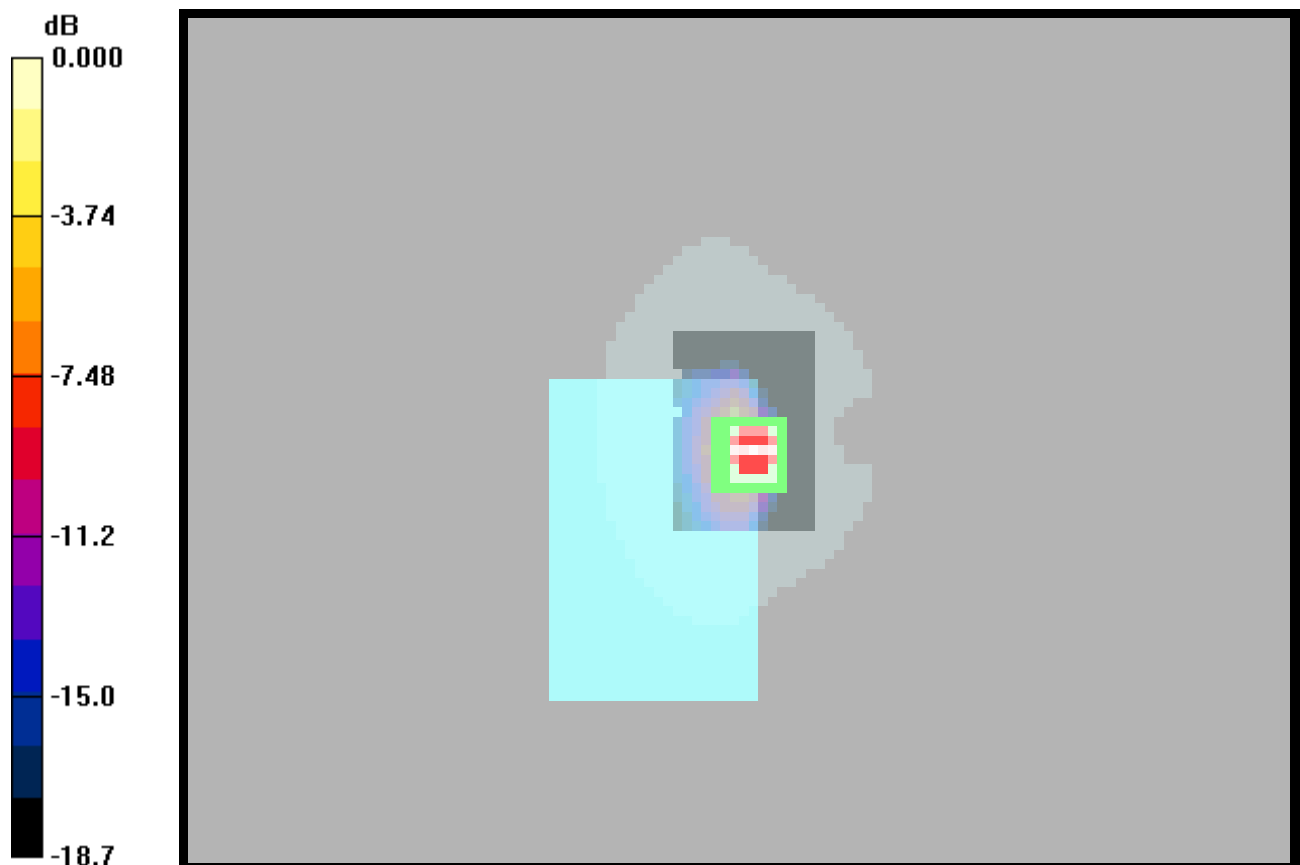
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.0 V/m; Power Drift = -0.250 dB

Peak SAR (extrapolated) = 1.65 W/kg

**SAR(1 g) = 0.757 mW/g; SAR(10 g) = 0.370 mW/g**

Maximum value of SAR (measured) = 1.01 mW/g



0 dB = 1.01mW/g

**LTE 4\_QPSK20M\_1\_50\_Rear Face\_0mm\_20050****DUT: EUT**

Communication System: LTE Band 4&20M; Frequency: 1720 MHz; Duty Cycle: 1:1

Medium: 1750 Medium parameters used:  $f = 1720$  MHz;  $\sigma = 1.35$  mho/m;  $\epsilon_r = 39.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

**DASY4 Configuration:**

- Probe: ES3DV3 - SN3090; ConvF(5.38, 5.38, 5.38); Calibrated: 2020/5/9
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn662; Calibrated: 2020/5/6
- Phantom: SAM 2; Type: QD 000 P40 CB; Serial: TP-1376
- Postprocessing SW: SEMCAD, V1.8 Build 186

**Area Scan (71x111x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (interpolated) = 1.14 mW/g

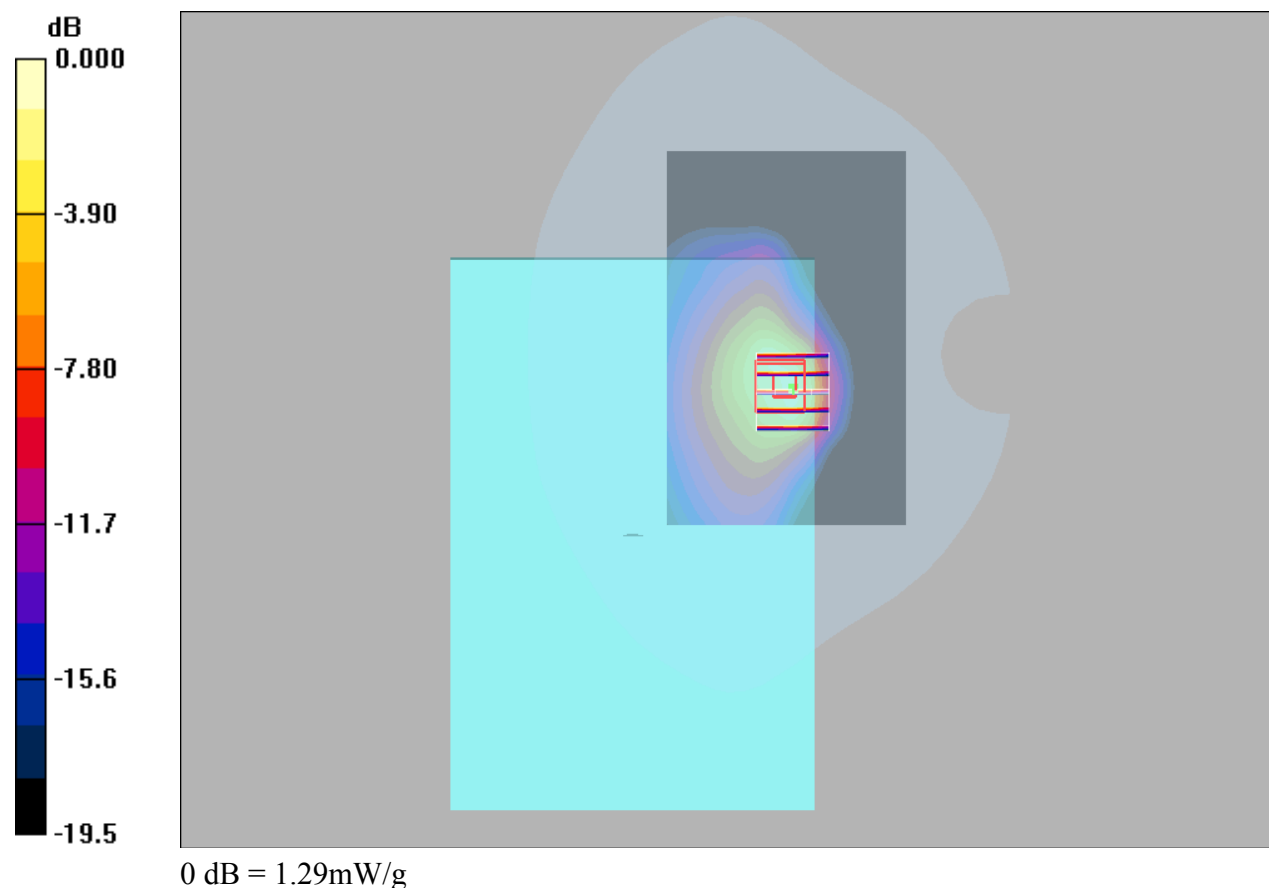
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 25.9 V/m; Power Drift = -0.135 dB

Peak SAR (extrapolated) = 2.17 W/kg

**SAR(1 g) = 0.987 mW/g; SAR(10 g) = 0.485 mW/g**

Maximum value of SAR (measured) = 1.29 mW/g



**LTE7\_QPSK20M\_1\_50\_Rear Face\_20850****DUT: EUT**

Communication System: LTE Band 7; Frequency: 2510 MHz; Duty Cycle: 1:1

Medium: 2600 Medium parameters used:  $f = 2510$  MHz;  $\sigma = 1.95$  mho/m;  $\epsilon_r = 38.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

**DASY4 Configuration:**

- Probe: ES3DV3 - SN3090; ConvF(4.61, 4.61, 4.61); Calibrated: 2020/5/9
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn662; Calibrated: 2020/5/6
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1125
- Postprocessing SW: SEMCAD, V1.8 Build 186

**Area Scan (121x81x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 1.06 mW/g

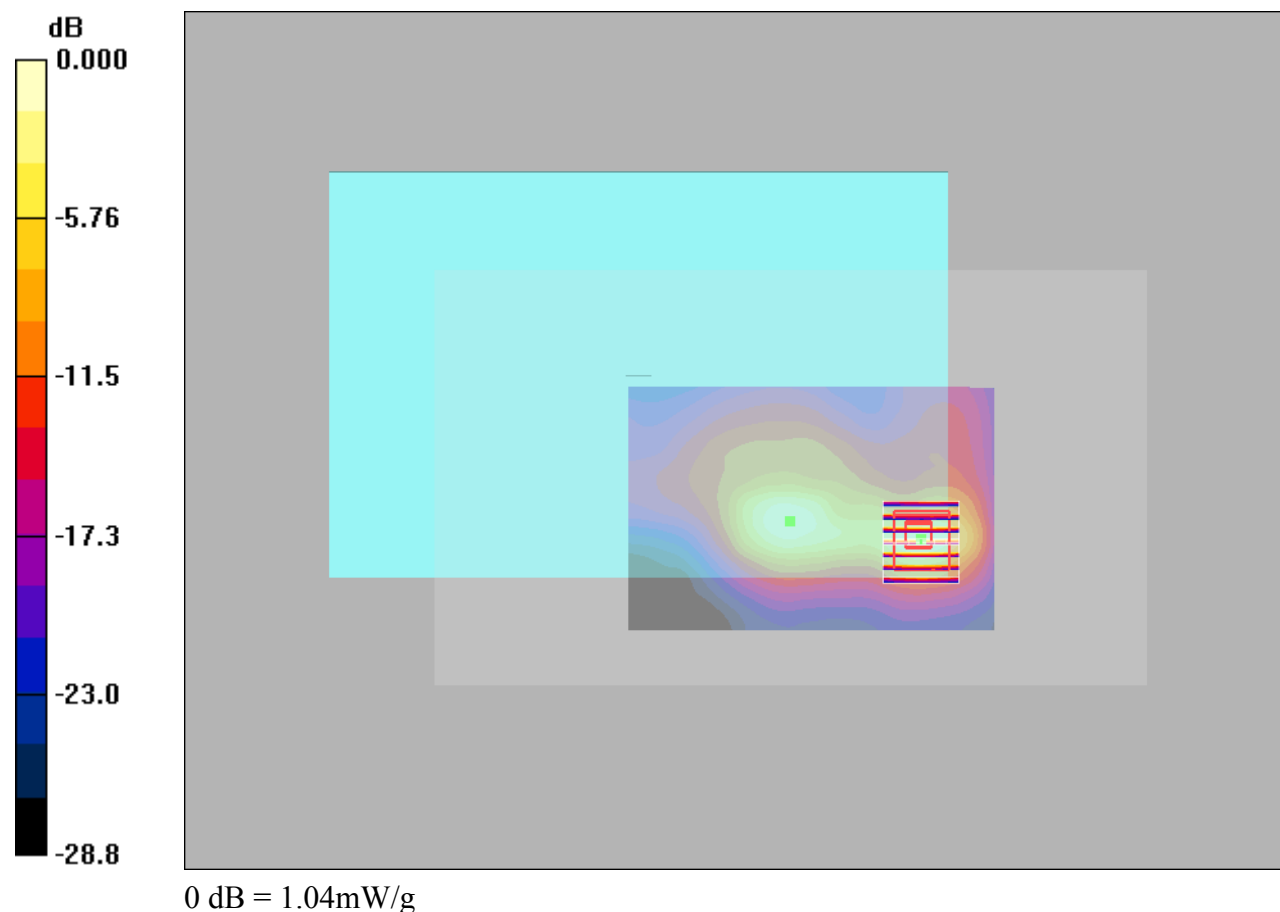
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.99 V/m; Power Drift = -0.049 dB

Peak SAR (extrapolated) = 1.99 W/kg

**SAR(1 g) = 0.775 mW/g; SAR(10 g) = 0.300 mW/g**

Maximum value of SAR (measured) = 1.04 mW/g



**LTE38\_QPSK20M\_1\_50\_Top Side\_37850****DUT: EUT**

Communication System: TD-LTE Band38; Frequency: 2580 MHz; Duty Cycle: 1:1.59  
Medium: 2600 Medium parameters used:  $f = 2580$  MHz;  $\sigma = 2.03$  mho/m;  $\epsilon_r = 38.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

**DASY4 Configuration:**

- Probe: ES3DV3 - SN3090; ConvF(4.51, 4.51, 4.51); Calibrated: 2020/5/9
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn662; Calibrated: 2020/5/6
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1125
- Postprocessing SW: SEMCAD, V1.8 Build 186

**Area Scan (101x71x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.232 mW/g

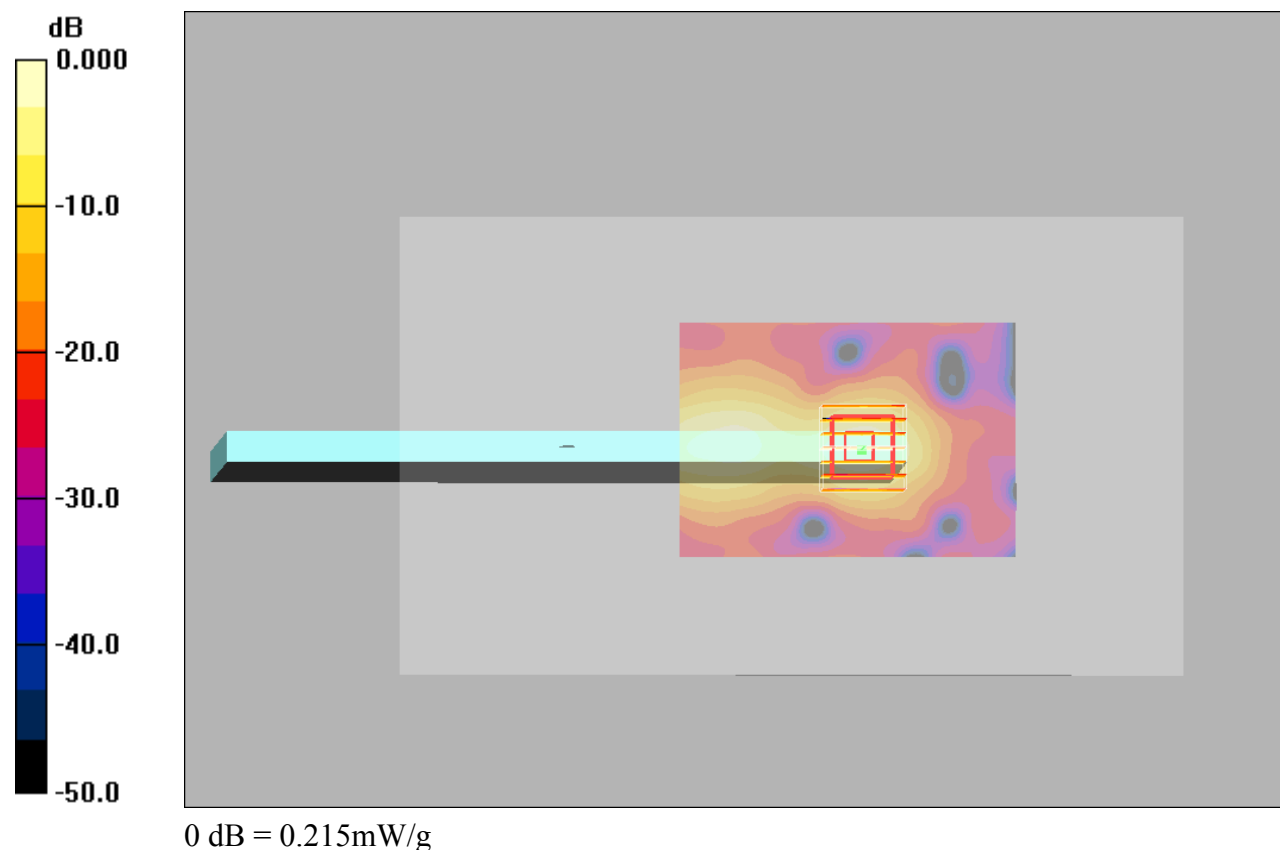
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.61 V/m; Power Drift = -0.132 dB

Peak SAR (extrapolated) = 0.388 W/kg

**SAR(1 g) = 0.152 mW/g; SAR(10 g) = 0.059 mW/g**

Maximum value of SAR (measured) = 0.215 mW/g



## 2.4G WLAN\_802.11b\_Top Side\_0mm\_Ch11

### DUT: EUT

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

Medium: H2450 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.79$  mho/m;  $\epsilon_r = 40.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

#### DASY4 Configuration:

- Probe: ES3DV3 - SN3090; ConvF(4.61, 4.61, 4.61); Calibrated: 2020/5/9
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn662; Calibrated: 2020/5/6
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1125
- Postprocessing SW: SEMCAD, V1.8 Build 186

**Area Scan (121x81x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.930 mW/g

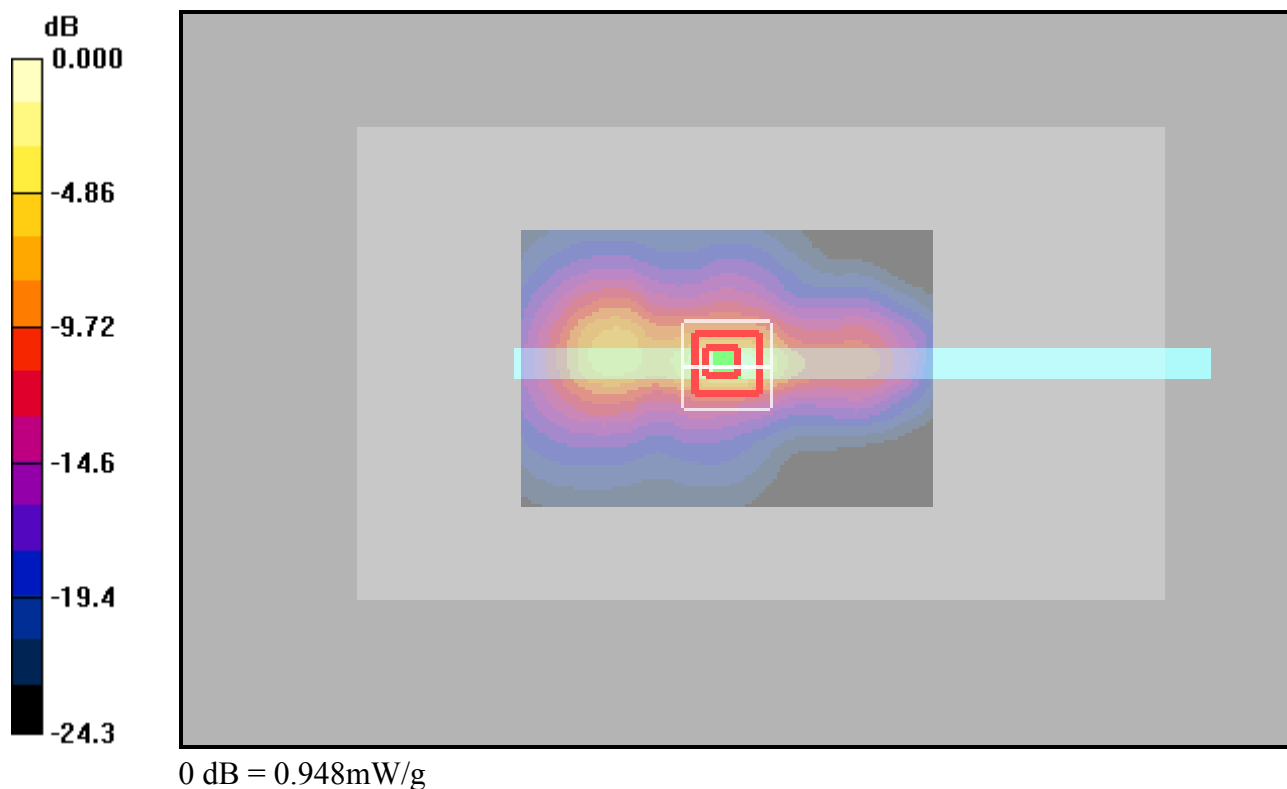
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 16.1 V/m; Power Drift = -0.229 dB

Peak SAR (extrapolated) = 2.52 W/kg

**SAR(1 g) = 0.416 mW/g; SAR(10 g) = 0.196 mW/g**

Maximum value of SAR (measured) = 0.948 mW/g





**P01 802.11a\_Top Side\_0cm\_Ch52****DUT: EUT**

Communication System: 802.11a; Frequency: 5260 MHz; Duty Cycle: 1:1

Medium: H5G Medium parameters used:  $f = 5260$  MHz;  $\sigma = 4.75$  S/m;  $\epsilon_r = 36.245$ ;  $\rho = 1000$  kg/m<sup>3</sup>

**DASY4 Configuration:**

- Probe: EX3DV4 - SN7506; ConvF(5.34, 5.34, 5.34) @ 5260 MHz; Calibrated: 2020/5/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1557; Calibrated: 2020/5/27
- Phantom: SAM 1; Type: QD 000 P40 CB; Serial: TP/1378
- ; Postprocessing SW: SEMCAD, V1.8 Build 186

- **Area Scan (61x91x1):** Interpolated grid:  $dx=1.000$  mm,  $dy=1.000$  mm

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

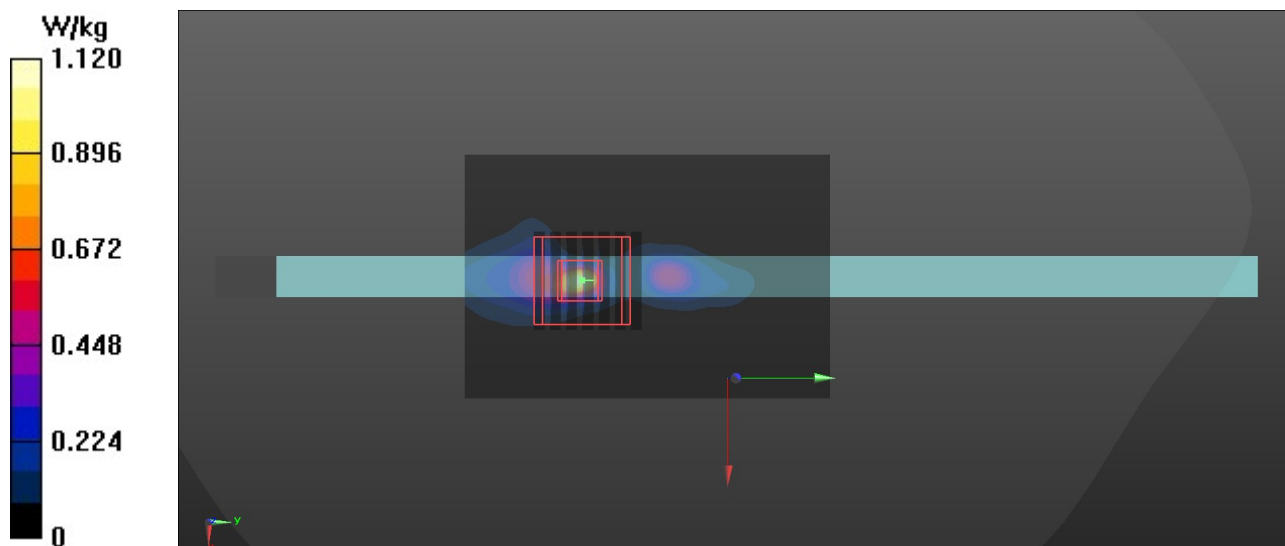
- **Zoom Scan (8x8x7)/Cube 0:** Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=1.4$ mm

Reference Value = 9.074 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.81 W/kg

**SAR(1 g) = 0.321 W/kg; SAR(10 g) = 0.072 W/kg**

Maximum value of SAR (measured) = 1.04 W/kg



**P02 802.11a\_Top Side\_0cm\_Ch165****DUT: EUT**

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

Medium: H5G Medium parameters used:  $f = 5825$  MHz;  $\sigma = 5.338$  S/m;  $\epsilon_r = 35.424$ ;  $\rho = 1000$  kg/m<sup>3</sup>

**DASY4 Configuration:**

- Probe: EX3DV4 - SN7506; ConvF(4.94, 4.94, 4.94) @ 5825 MHz; Calibrated: 2020/5/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1557; Calibrated: 2020/5/27
- Phantom: SAM 1; Type: QD 000 P40 CB; Serial: TP/1378
- ; Postprocessing SW: SEMCAD, V1.8 Build 186

- **Area Scan (61x91x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

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

Reference Value = 13.54 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 3.46 W/kg

**SAR(1 g) = 0.462 W/kg; SAR(10 g) = 0.107 W/kg**

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

