

**Test Plot 1#: GSM 850\_Face Up\_Middle****DUT: TC20 Controller; Type: TC20; Serial: 18120305021**

Communication System: Generic GSM; Frequency: 836.6 MHz; Duty Cycle: 1:8  
 Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.88$  S/m;  $\epsilon_r = 42.313$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(10.05, 10.05, 10.05); Calibrated: 2018/12/13;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- Phantom: SAM (30deg probe tilt) with CRP v5.0\_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.667 W/kg

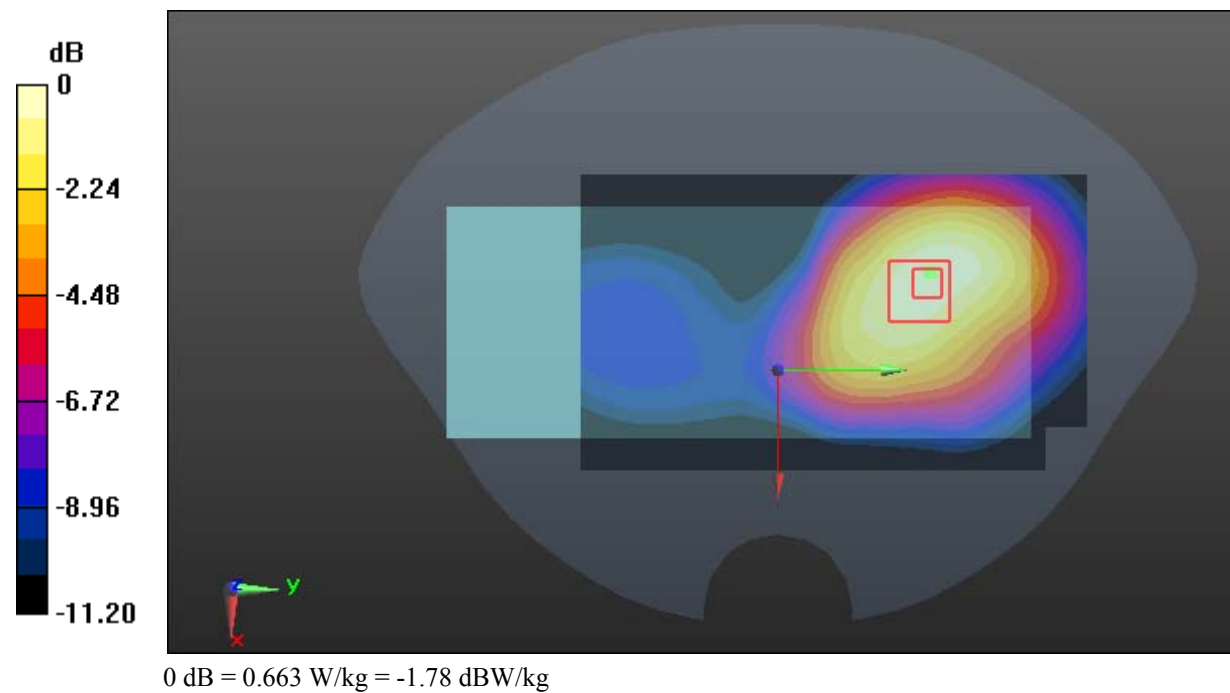
**Zoom Scan (6x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.860 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.748 W/kg

**SAR(1 g) = 0.513 W/kg; SAR(10 g) = 0.361 W/kg**

Maximum value of SAR (measured) = 0.663 W/kg



**Test Plot 2#: GSM 850\_Body Back\_Middle****DUT: TC20 Controller; Type: TC20; Serial: 18120305021**

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

Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.958$  S/m;  $\epsilon_r = 57.231$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(10.19, 10.19, 10.19); Calibrated: 2018/12/13;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- Phantom: SAM (30deg probe tilt) with CRP v5.0\_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (71x151x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.860 W/kg

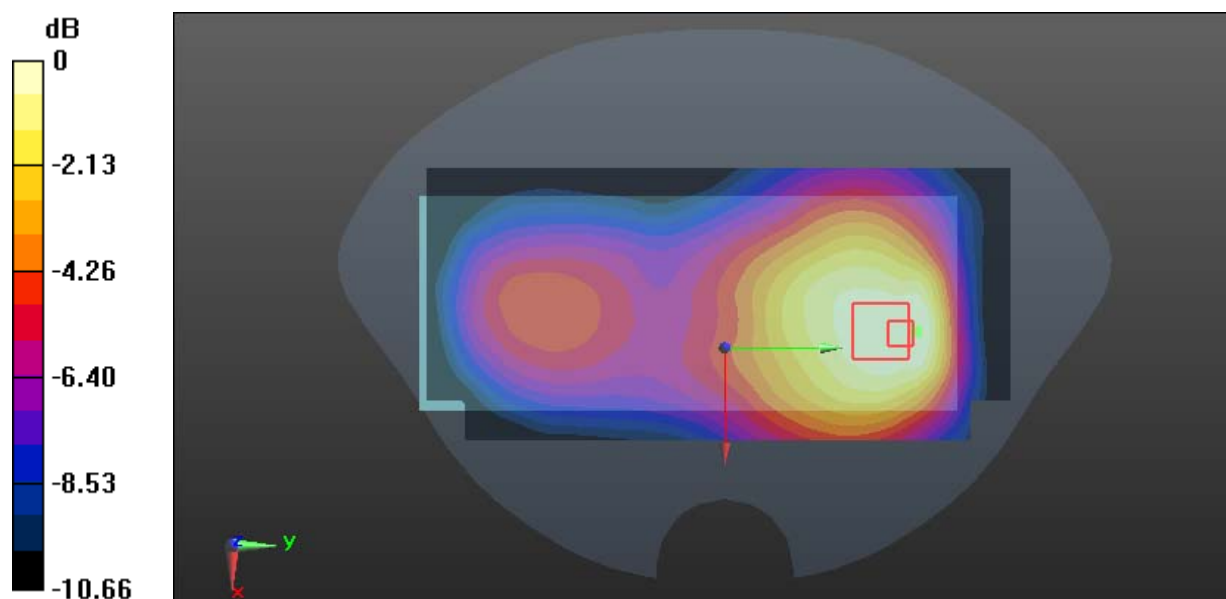
**Zoom Scan (5x7x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.48 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.977 W/kg

**SAR(1 g) = 0.616 W/kg; SAR(10 g) = 0.435 W/kg**

Maximum value of SAR (measured) = 0.791 W/kg



0 dB = 0.791 W/kg = -1.02 dBW/kg

**Test Plot 3#: GSM 850\_Handheld Back\_Middle****DUT: TC20 Controller; Type: TC20; Serial: 18120305021**

Communication System: Generic GPRS-4 slots; Frequency: 836.6 MHz; Duty Cycle: 1:2  
 Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.958$  S/m;  $\epsilon_r = 57.231$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(10.19, 10.19, 10.19); Calibrated: 2018/12/13;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- Phantom: SAM (30deg probe tilt) with CRP v5.0\_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (71x151x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.24 W/kg

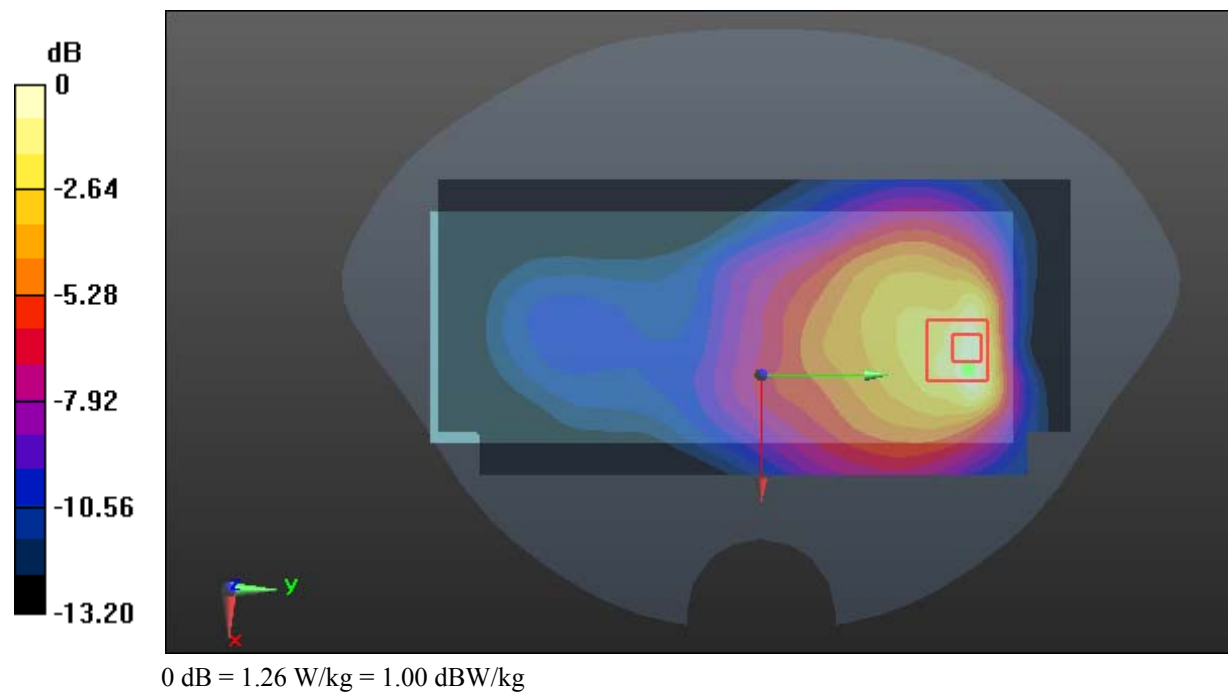
**Zoom Scan (6x7x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.52 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 1.57 W/kg

**SAR(1 g) = 0.793 W/kg; SAR(10 g) = 0.477 W/kg**

Maximum value of SAR (measured) = 1.26 W/kg



**Test Plot 4#: GSM 850\_Handheld Left\_Middle****DUT: TC20 Controller; Type: TC20; Serial: 18120305021**

Communication System: Generic GPRS-4 slots; Frequency: 836.6 MHz; Duty Cycle: 1:2  
 Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.958$  S/m;  $\epsilon_r = 57.231$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(10.19, 10.19, 10.19); Calibrated: 2018/12/13;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- Phantom: SAM (30deg probe tilt) with CRP v5.0\_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (41x141x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.111 W/kg

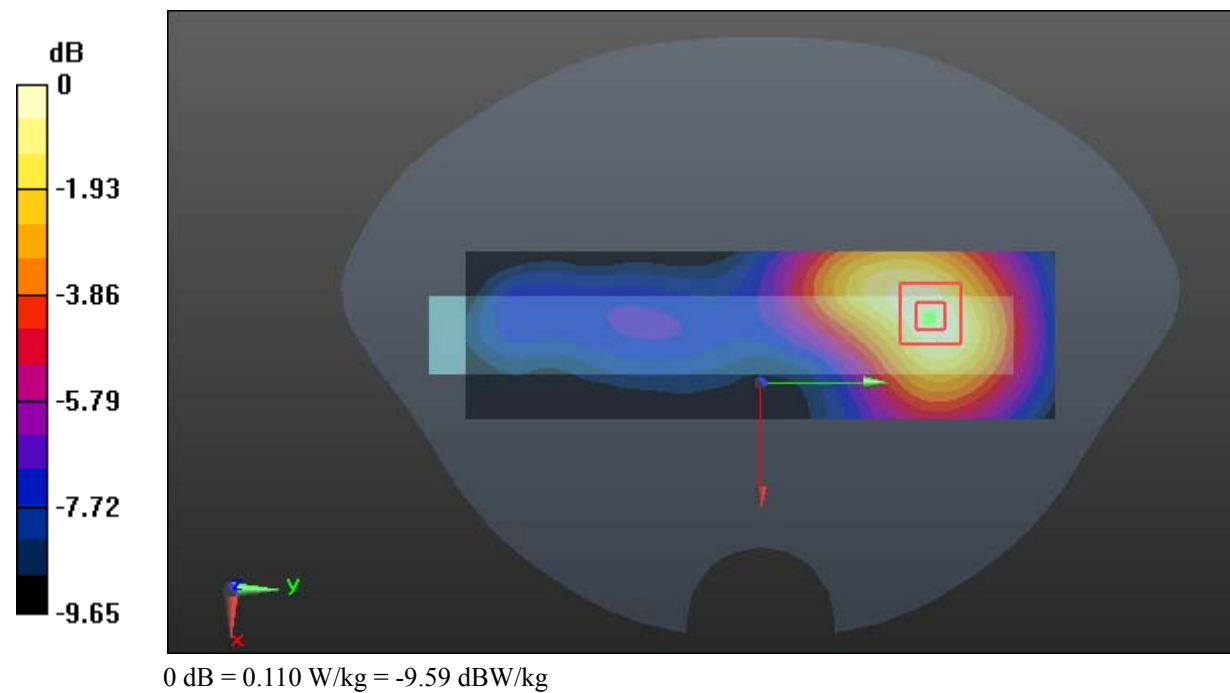
**Zoom Scan (7x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.058 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.124 W/kg

**SAR(1 g) = 0.083 W/kg; SAR(10 g) = 0.057 W/kg**

Maximum value of SAR (measured) = 0.110 W/kg



**Test Plot 5#: GSM 850\_Handheld Right\_Middle****DUT: TC20 Controller; Type: TC20; Serial: 18120305021**

Communication System: Generic GPRS-4 slots; Frequency: 836.6 MHz; Duty Cycle: 1:2  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.958$  S/m;  $\epsilon_r = 57.231$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(10.19, 10.19, 10.19); Calibrated: 2018/12/13;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- Phantom: SAM (30deg probe tilt) with CRP v5.0\_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (41x141x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.139 W/kg

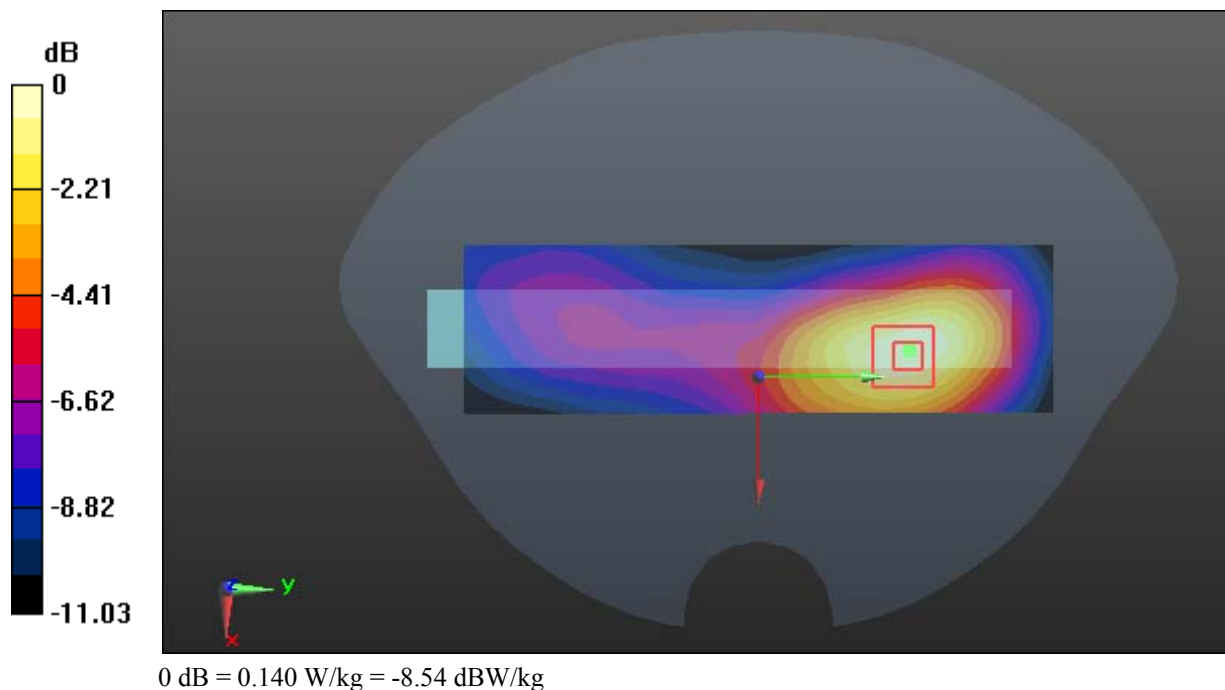
**Zoom Scan (7x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.482 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.161 W/kg

**SAR(1 g) = 0.103 W/kg; SAR(10 g) = 0.071 W/kg**

Maximum value of SAR (measured) = 0.140 W/kg



**Test Plot 6#: GSM 850\_Body Bottom\_Middle****DUT: TC20 Controller; Type: TC20; Serial: 18120305021**

Communication System: Generic GPRS-4 slots; Frequency: 836.6 MHz; Duty Cycle: 1:2  
 Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.958$  S/m;  $\epsilon_r = 57.231$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(10.19, 10.19, 10.19); Calibrated: 2018/12/13;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- Phantom: SAM (30deg probe tilt) with CRP v5.0\_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (41x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0983 W/kg

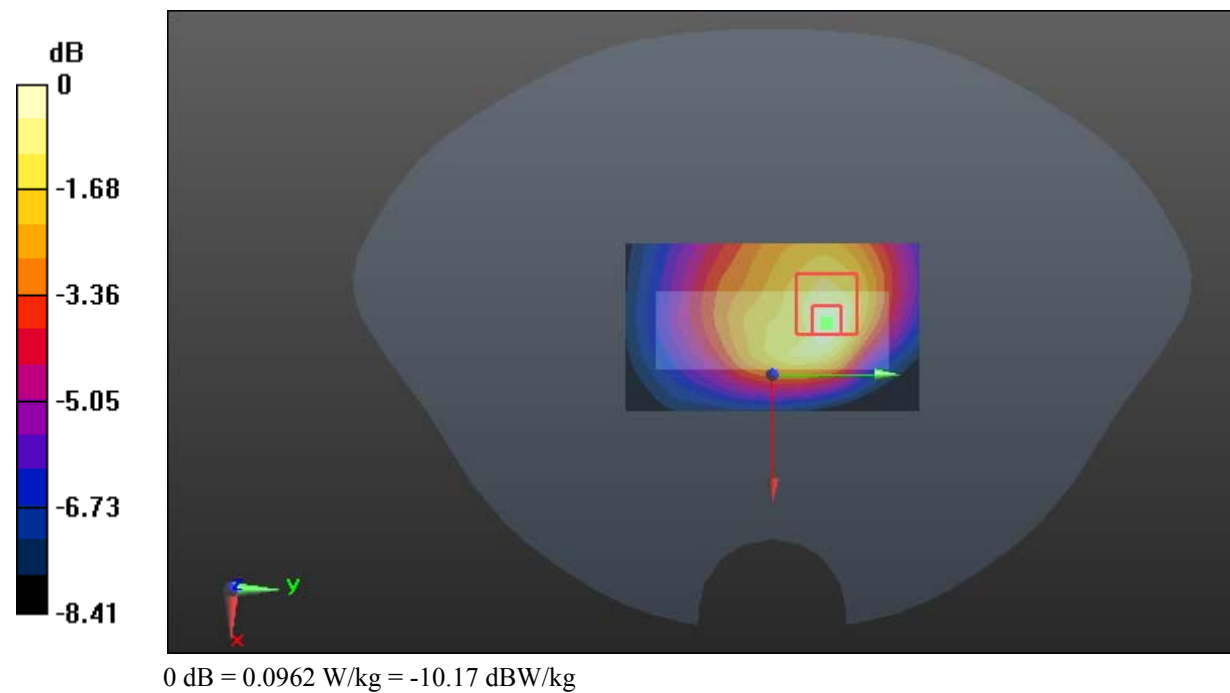
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.733 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.118 W/kg

**SAR(1 g) = 0.067 W/kg; SAR(10 g) = 0.044 W/kg**

Maximum value of SAR (measured) = 0.0962 W/kg



**Test Plot 7#: GSM 1900\_Face Up\_Middle****DUT: TC20 Controller; Type: TC20; Serial: 18120305021**

Communication System: Generic GSM; Frequency: 1880 MHz; Duty Cycle: 1:8  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.373$  S/m;  $\epsilon_r = 40.414$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(7.97, 7.97, 7.97); Calibrated: 2018/12/13;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- Phantom: SAM (30deg probe tilt) with CRP v5.0\_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (71x101x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.344 W/kg

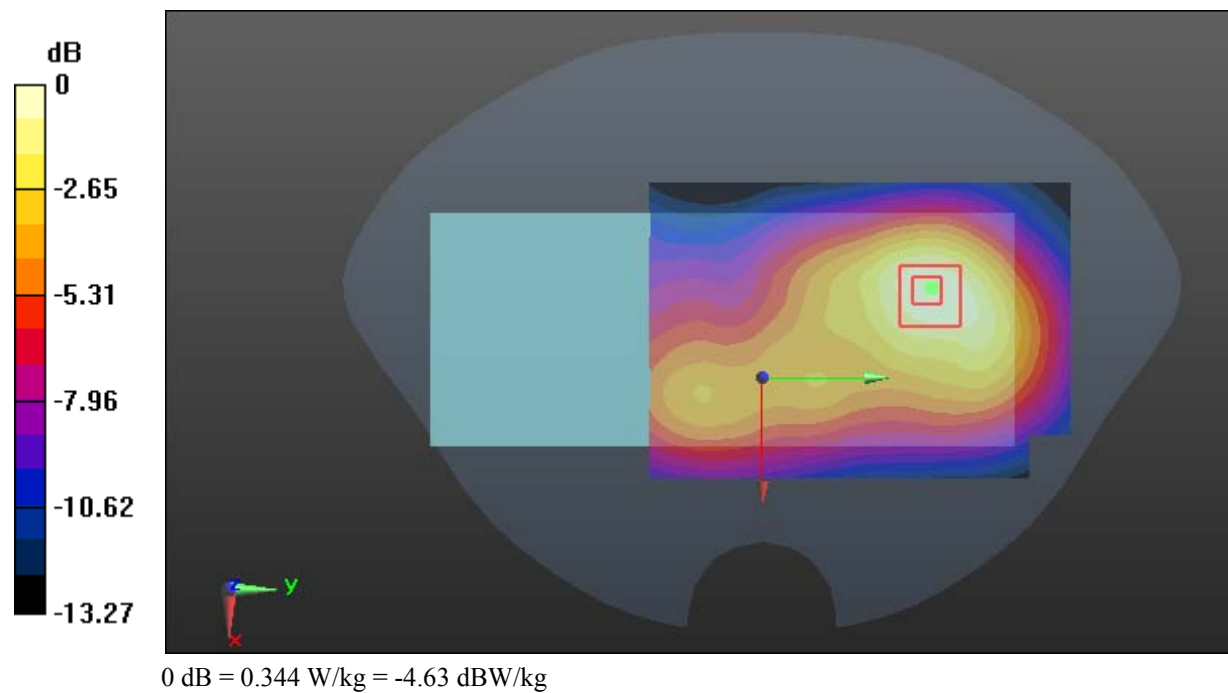
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.465 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.407 W/kg

**SAR(1 g) = 0.238 W/kg; SAR(10 g) = 0.143 W/kg**

Maximum value of SAR (measured) = 0.344 W/kg



**Test Plot 8#: GSM 1900\_Body Back\_Middle****DUT: TC20 Controller; Type: TC20; Serial: 18120305021**

Communication System: Generic GPRS-4 slots; Frequency: 1880 MHz; Duty Cycle: 1:2

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.489$  S/m;  $\epsilon_r = 54.167$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(7.7, 7.7, 7.7); Calibrated: 2018/12/13;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- Phantom: SAM (30deg probe tilt) with CRP v5.0\_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (71x151x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.561 W/kg

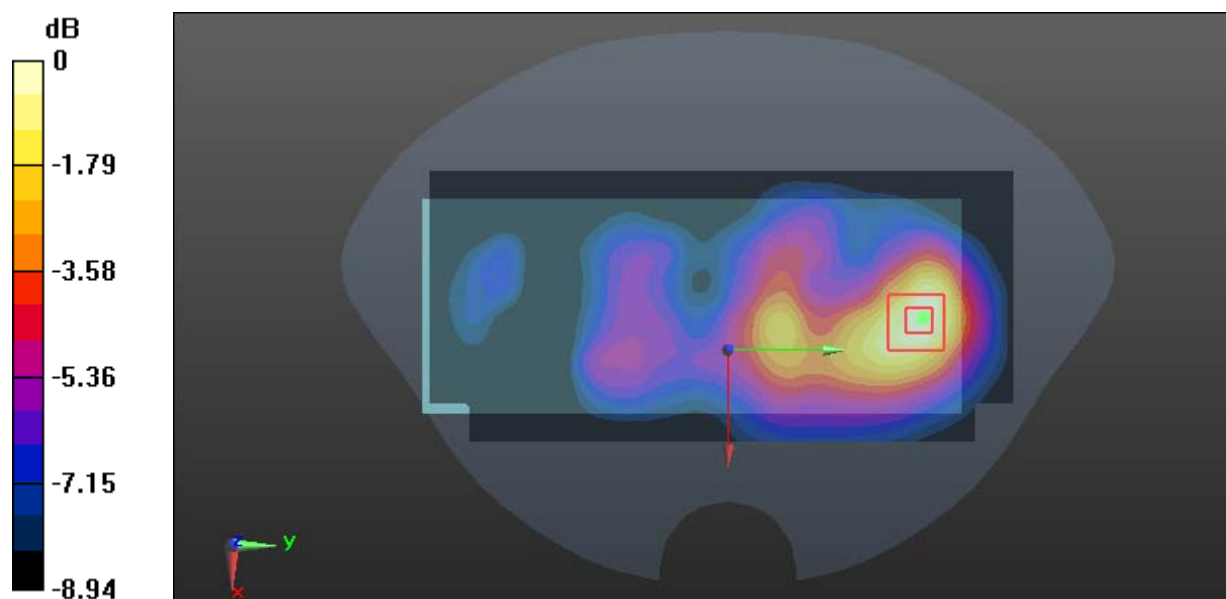
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.607 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.634 W/kg

**SAR(1 g) = 0.401 W/kg; SAR(10 g) = 0.261 W/kg**

Maximum value of SAR (measured) = 0.549 W/kg



0 dB = 0.549 W/kg = -2.60 dBW/kg



**Test Plot 9#: GSM 1900\_Handheld Back\_Middle****DUT: TC20 Controller; Type: TC20; Serial: 18120305021**

Communication System: Generic GPRS-4 slots; Frequency: 1880 MHz; Duty Cycle: 1:2  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.489$  S/m;  $\epsilon_r = 54.167$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(7.7, 7.7, 7.7); Calibrated: 2018/12/13;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- Phantom: SAM (30deg probe tilt) with CRP v5.0\_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (71x151x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.905 W/kg

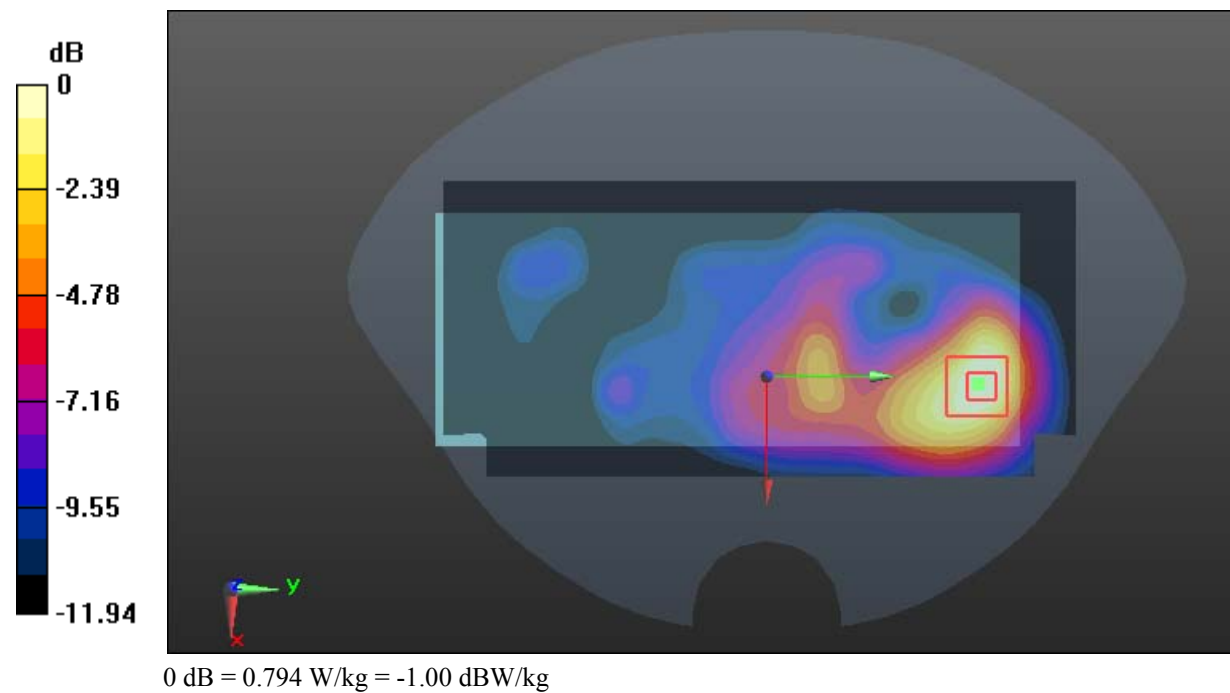
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.584 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.943 W/kg

**SAR(1 g) = 0.563 W/kg; SAR(10 g) = 0.338 W/kg**

Maximum value of SAR (measured) = 0.794 W/kg



**Test Plot 10#: GSM 1900\_Handheld Left\_Middle****DUT: TC20 Controller; Type: TC20; Serial: 18120305021**

Communication System: Generic GPRS-4 slots; Frequency: 1880 MHz; Duty Cycle: 1:2  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.489$  S/m;  $\epsilon_r = 54.167$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(7.7, 7.7, 7.7); Calibrated: 2018/12/13;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- Phantom: SAM (30deg probe tilt) with CRP v5.0\_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (41x141x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0555 W/kg

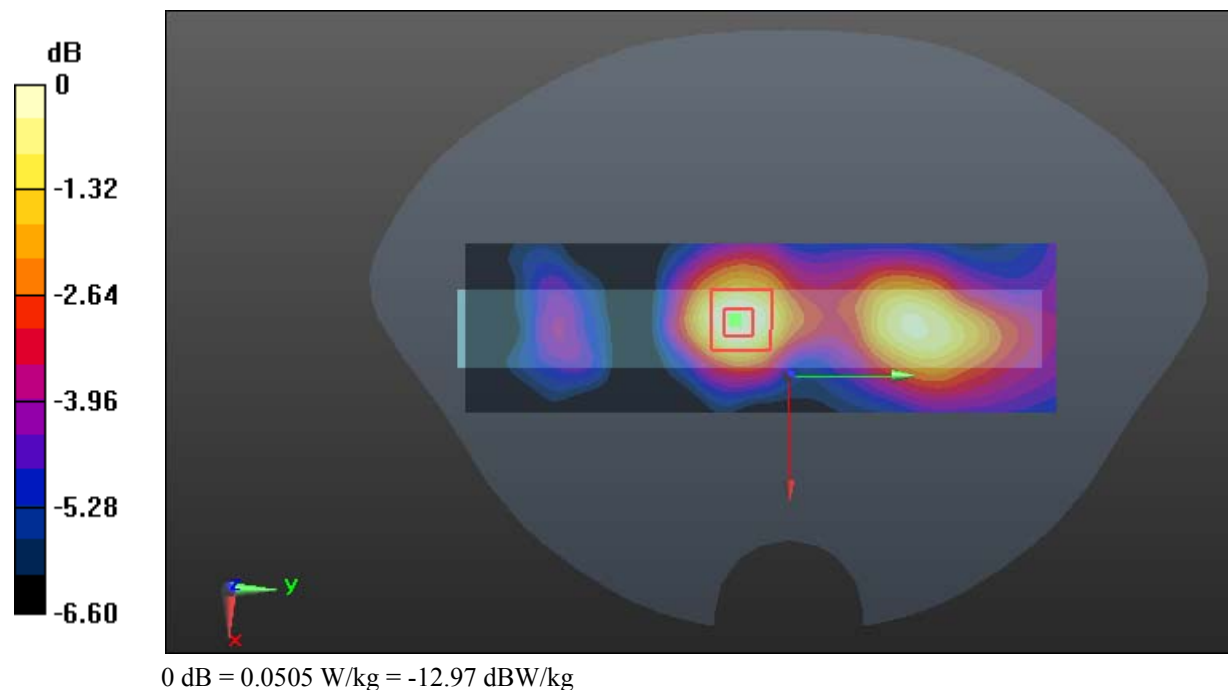
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.258 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.0560 W/kg

**SAR(1 g) = 0.041 W/kg; SAR(10 g) = 0.029 W/kg**

Maximum value of SAR (measured) = 0.0505 W/kg



**Test Plot 11#: GSM 1900\_Handheld Right\_Middle****DUT: TC20 Controller; Type: TC20; Serial: 18120305021**

Communication System: Generic GPRS-4 slots; Frequency: 1880 MHz; Duty Cycle: 1:2  
 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.489$  S/m;  $\epsilon_r = 54.167$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(7.7, 7.7, 7.7); Calibrated: 2018/12/13;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- Phantom: SAM (30deg probe tilt) with CRP v5.0\_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (41x141x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.136 W/kg

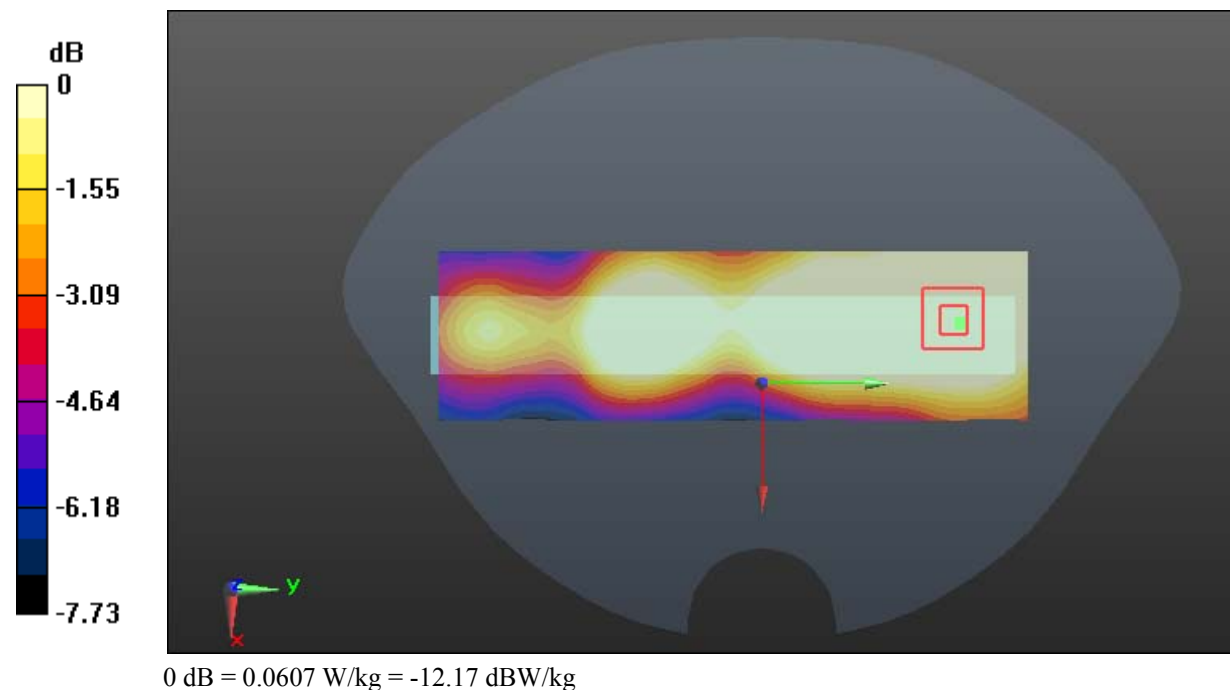
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.320 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.0690 W/kg

**SAR(1 g) = 0.047 W/kg; SAR(10 g) = 0.033 W/kg**

Maximum value of SAR (measured) = 0.0607 W/kg



**Test Plot 12#: GSM 1900\_Body Bottom\_Middle****DUT: TC20 Controller; Type: TC20; Serial: 18120305021**

Communication System: Generic GPRS-4 slots; Frequency: 1880 MHz; Duty Cycle: 1:2  
 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.489$  S/m;  $\epsilon_r = 54.167$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(7.7, 7.7, 7.7); Calibrated: 2018/12/13;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- Phantom: SAM (30deg probe tilt) with CRP v5.0\_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (41x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.160 W/kg

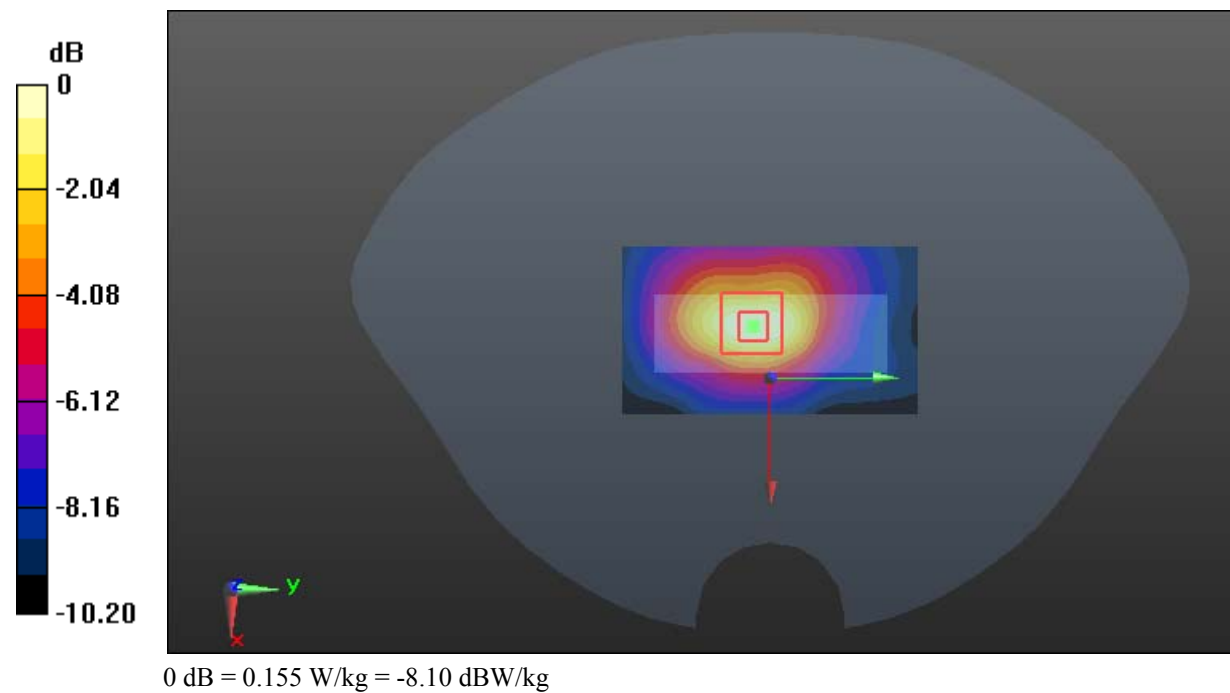
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.916 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.180 W/kg

**SAR(1 g) = 0.112 W/kg; SAR(10 g) = 0.070 W/kg**

Maximum value of SAR (measured) = 0.155 W/kg



**Test Plot 13#: CDMA BC0\_Face Up\_Middle****DUT: TC20 Controller; Type: TC20; Serial: 18120305021**

Communication System: CDMA; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 836.52$  MHz;  $\sigma = 0.879$  S/m;  $\epsilon_r = 42.316$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(10.05, 10.05, 10.05); Calibrated: 2018/12/13;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- Phantom: SAM (30deg probe tilt) with CRP v5.0\_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.875 W/kg

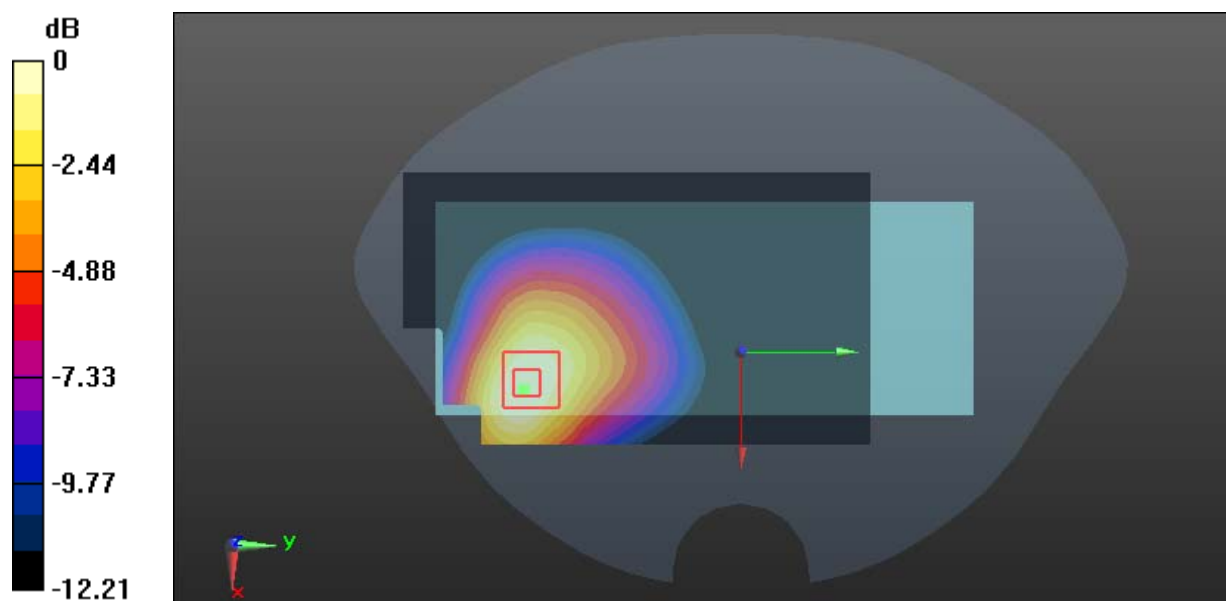
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.243 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.913 W/kg

**SAR(1 g) = 0.591 W/kg; SAR(10 g) = 0.379 W/kg**

Maximum value of SAR (measured) = 0.799 W/kg



0 dB = 0.799 W/kg = -0.97 dBW/kg

**Test Plot 14#: CDMA BC0\_Body Back\_Low****DUT: TC20 Controller; Type: TC20; Serial: 18120305021**

Communication System: EVDO; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 824.7$  MHz;  $\sigma = 0.945$  S/m;  $\epsilon_r = 57.426$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(10.19, 10.19, 10.19); Calibrated: 2018/12/13;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- Phantom: SAM (30deg probe tilt) with CRP v5.0\_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (71x151x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.47 W/kg

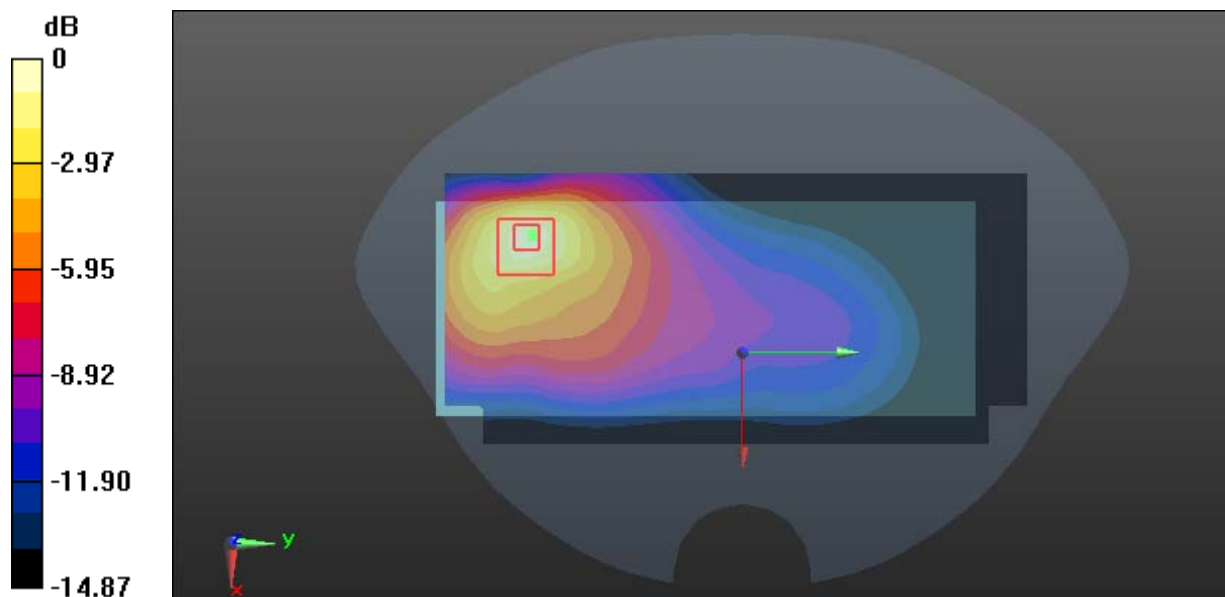
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.02 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 2.03 W/kg

**SAR(1 g) = 1.16 W/kg; SAR(10 g) = 0.716 W/kg**

Maximum value of SAR (measured) = 1.69 W/kg



0 dB = 1.69 W/kg = 2.28 dBW/kg

**Test Plot 15#: CDMA BC0\_Body Back\_Middle****DUT: TC20 Controller; Type: TC20; Serial: 18120305021**

Communication System: EVDO; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 836.52$  MHz;  $\sigma = 0.951$  S/m;  $\epsilon_r = 57.282$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(10.19, 10.19, 10.19); Calibrated: 2018/12/13;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- Phantom: SAM (30deg probe tilt) with CRP v5.0\_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (71x151x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.18 W/kg

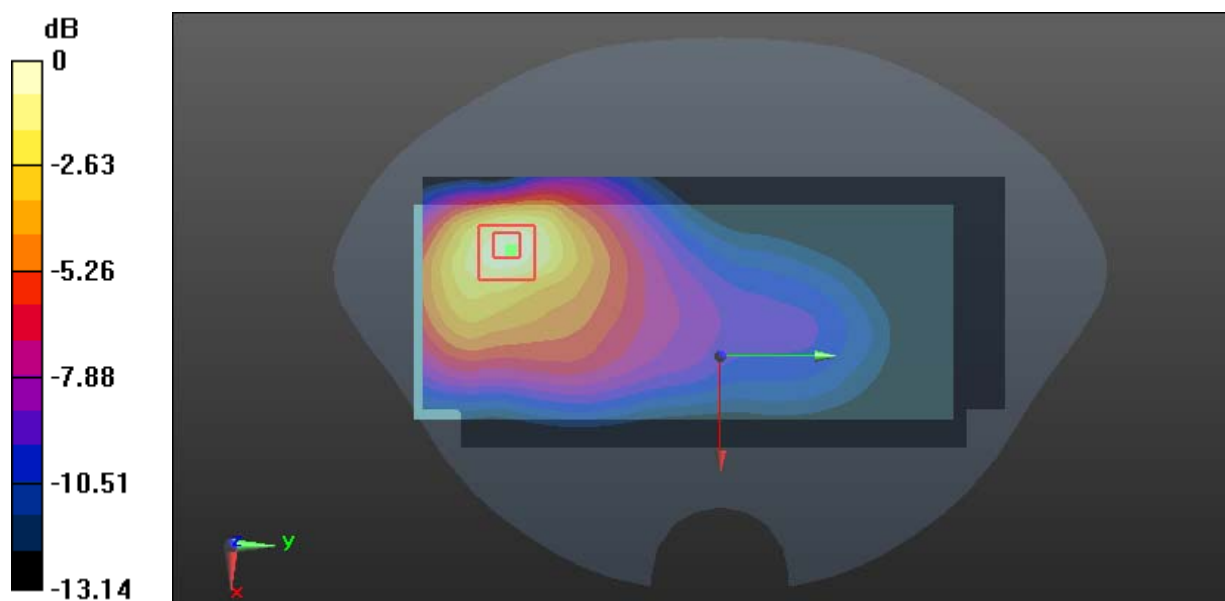
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.27 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.58 W/kg

**SAR(1 g) = 0.929 W/kg; SAR(10 g) = 0.578 W/kg**

Maximum value of SAR (measured) = 1.26 W/kg



0 dB = 1.26 W/kg = 1.00 dBW/kg

**Test Plot 16#: CDMA BC0\_Body Back\_High****DUT: TC20 Controller; Type: TC20; Serial: 18120305021**

Communication System: EVDO; Frequency: 848.31 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 848.31$  MHz;  $\sigma = 0.973$  S/m;  $\epsilon_r = 56.888$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(10.19, 10.19, 10.19); Calibrated: 2018/12/13;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- Phantom: SAM (30deg probe tilt) with CRP v5.0\_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (71x151x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.09 W/kg

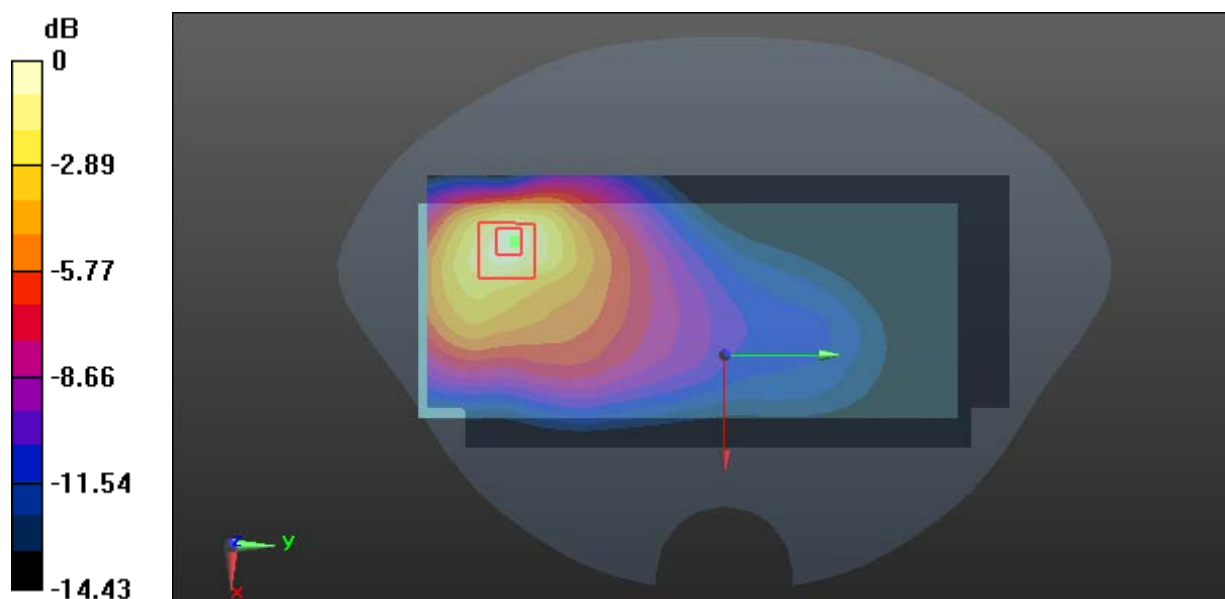
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.22 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 1.50 W/kg

**SAR(1 g) = 0.879 W/kg; SAR(10 g) = 0.545 W/kg**

Maximum value of SAR (measured) = 1.25 W/kg



0 dB = 1.25 W/kg = 0.97 dBW/kg



**Test Plot 17#: CDMA BC0\_Handheld Back\_Middle****DUT: TC20 Controller; Type: TC20; Serial: 18120305021**

Communication System: EVDO; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 836.52$  MHz;  $\sigma = 0.951$  S/m;  $\epsilon_r = 57.282$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(10.19, 10.19, 10.19); Calibrated: 2018/12/13;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- Phantom: SAM (30deg probe tilt) with CRP v5.0\_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (71x151x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 2.07 W/kg

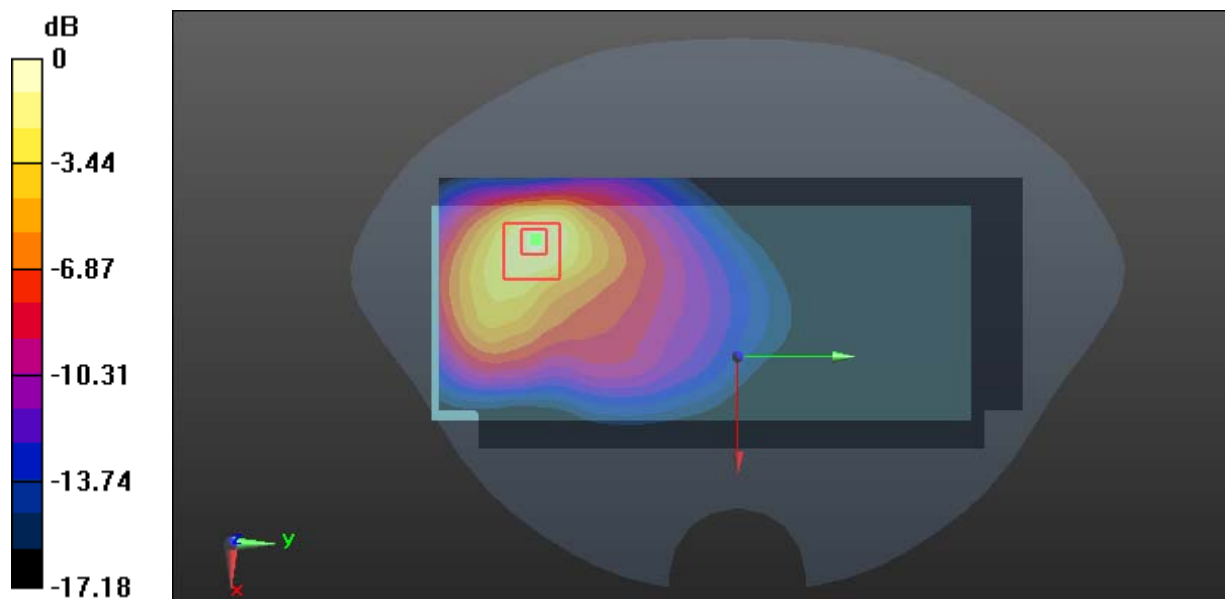
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.73 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 3.07 W/kg

**SAR(1 g) = 1.47 W/kg; SAR(10 g) = 0.909 W/kg**

Maximum value of SAR (measured) = 2.51 W/kg



0 dB = 2.51 W/kg = 4.00 dBW/kg

**Test Plot 18#: CDMA BC0\_Handheld Left\_Middle****DUT: TC20 Controller; Type: TC20; Serial: 18120305021**

Communication System: EVDO; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 836.52$  MHz;  $\sigma = 0.951$  S/m;  $\epsilon_r = 57.282$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(10.19, 10.19, 10.19); Calibrated: 2018/12/13;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- Phantom: SAM (30deg probe tilt) with CRP v5.0\_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (41x141x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.722 W/kg

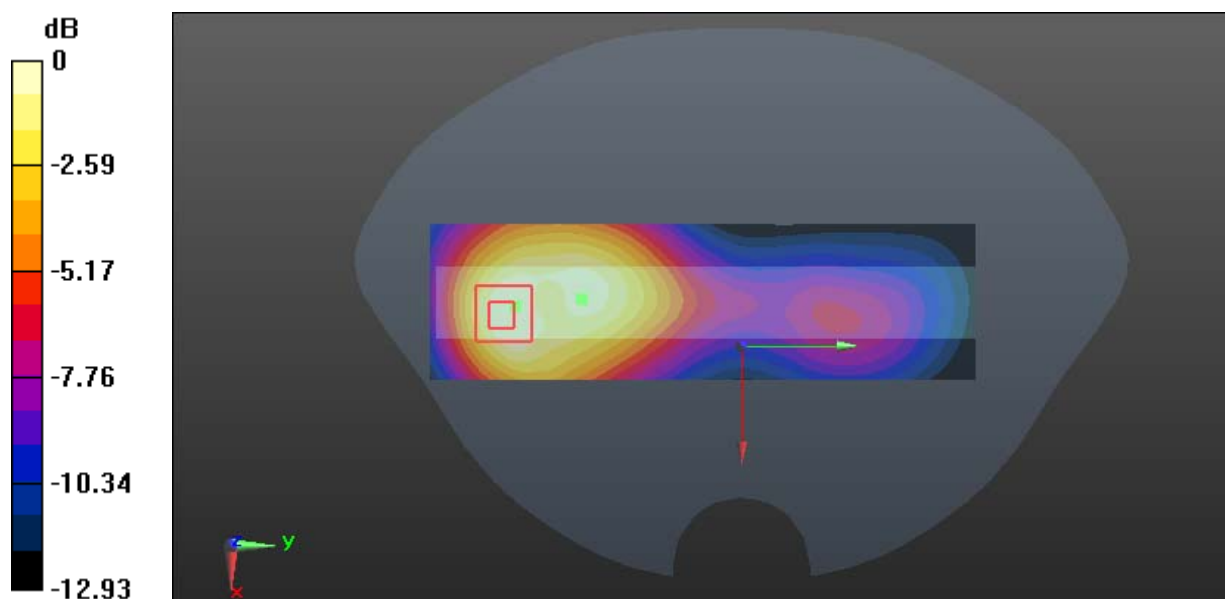
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.840 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.893 W/kg

**SAR(1 g) = 0.473 W/kg; SAR(10 g) = 0.276 W/kg**

Maximum value of SAR (measured) = 0.677 W/kg



0 dB = 0.677 W/kg = -1.69 dBW/kg

**Test Plot 19#: CDMA BC0\_Handheld Top\_Middle****DUT: TC20 Controller; Type: TC20; Serial: 18120305021**

Communication System: EVDO; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 836.52$  MHz;  $\sigma = 0.951$  S/m;  $\epsilon_r = 57.282$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(10.19, 10.19, 10.19); Calibrated: 2018/12/13;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- Phantom: SAM (30deg probe tilt) with CRP v5.0\_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (41x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.331 W/kg

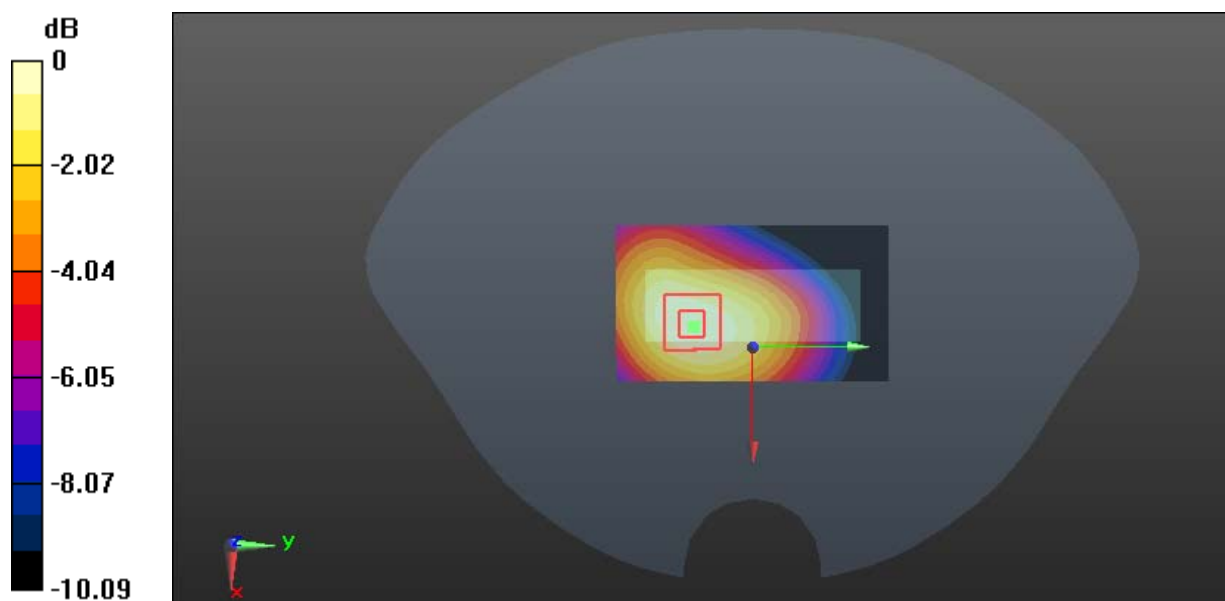
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.44 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.376 W/kg

**SAR(1 g) = 0.249 W/kg; SAR(10 g) = 0.170 W/kg**

Maximum value of SAR (measured) = 0.331 W/kg



0 dB = 0.331 W/kg = -4.80 dBW/kg

**Test Plot 20#: WCDMA Band 2\_Face Up\_Middle****DUT: TC20 Controller; Type: TC20; Serial: 18120305021**

Communication System: WCDMA; Frequency: 1880 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.373$  S/m;  $\epsilon_r = 40.414$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(7.97, 7.97, 7.97); Calibrated: 2018/12/13;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- Phantom: SAM (30deg probe tilt) with CRP v5.0\_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (71x101x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.483 W/kg

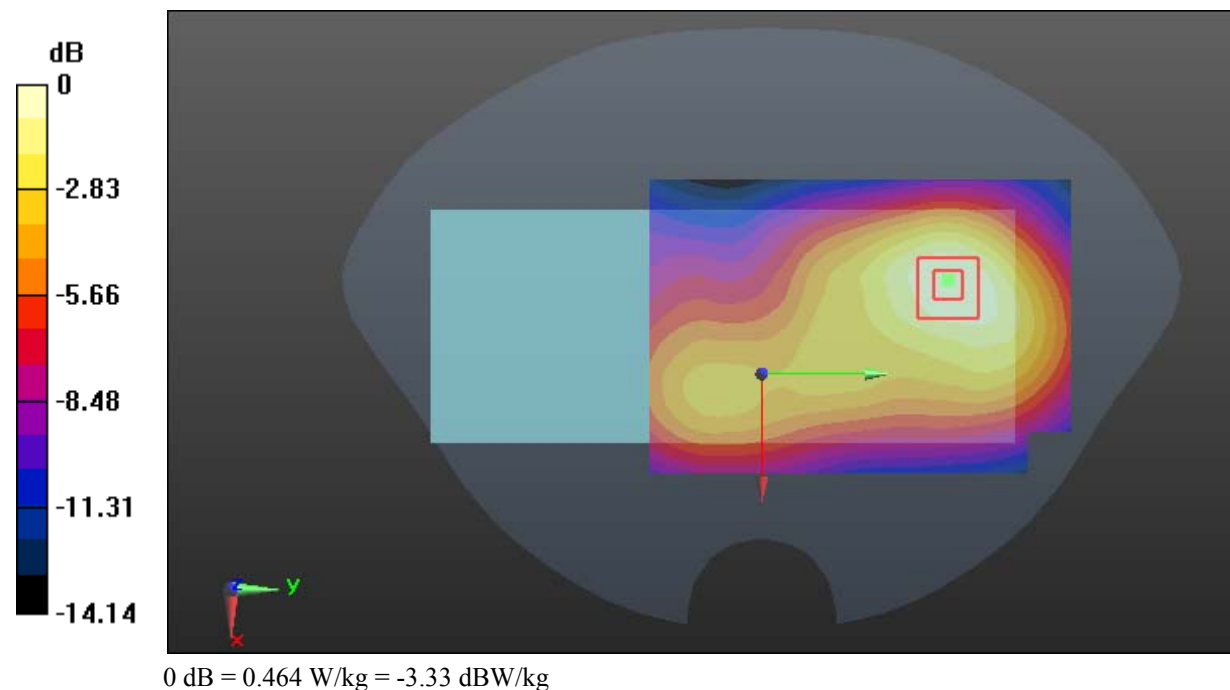
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.549 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.545 W/kg

**SAR(1 g) = 0.327 W/kg; SAR(10 g) = 0.198 W/kg**

Maximum value of SAR (measured) = 0.464 W/kg



**Test Plot 21#: WCDMA Band 2\_Body Back\_Middle****DUT: TC20 Controller; Type: TC20; Serial: 18120305021**

Communication System: WCDMA; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.489$  S/m;  $\epsilon_r = 54.167$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(7.7, 7.7, 7.7); Calibrated: 2018/12/13;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- Phantom: SAM (30deg probe tilt) with CRP v5.0\_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (71x151x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.531 W/kg

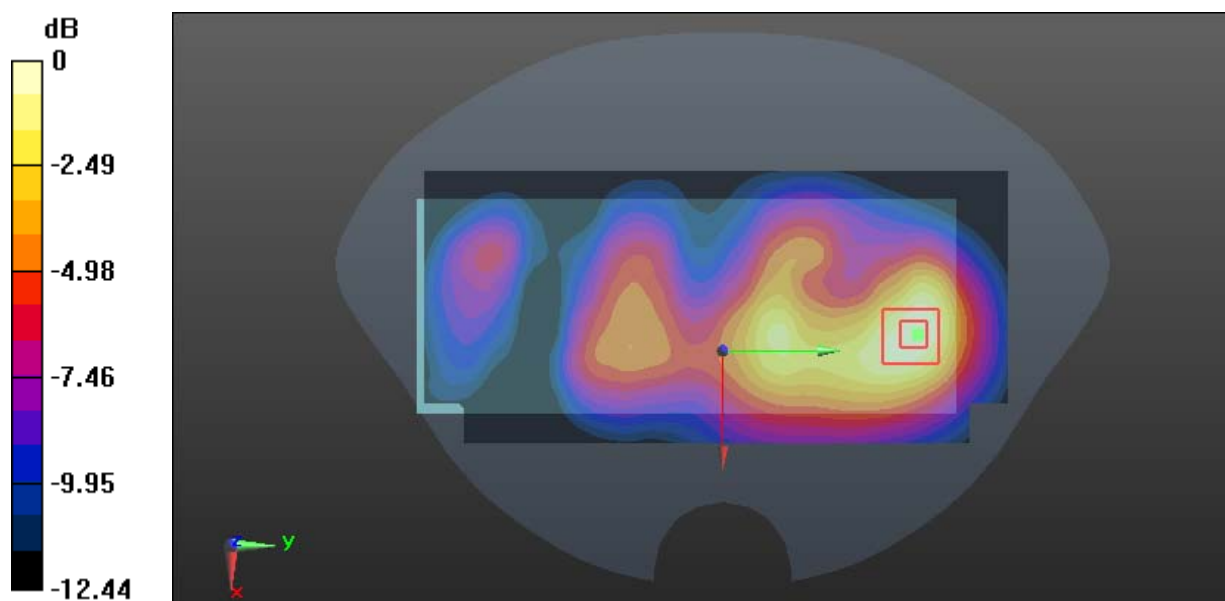
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.512 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.601 W/kg

**SAR(1 g) = 0.371 W/kg; SAR(10 g) = 0.228 W/kg**

Maximum value of SAR (measured) = 0.515 W/kg



0 dB = 0.515 W/kg = -2.88 dBW/kg

**Test Plot 22#: WCDMA Band 2\_Handheld Back\_Middle****DUT: TC20 Controller; Type: TC20; Serial: 18120305021**

Communication System: WCDMA; Frequency: 1880 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.489$  S/m;  $\epsilon_r = 54.167$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(7.7, 7.7, 7.7); Calibrated: 2018/12/13;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- Phantom: SAM (30deg probe tilt) with CRP v5.0\_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (71x151x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.09 W/kg

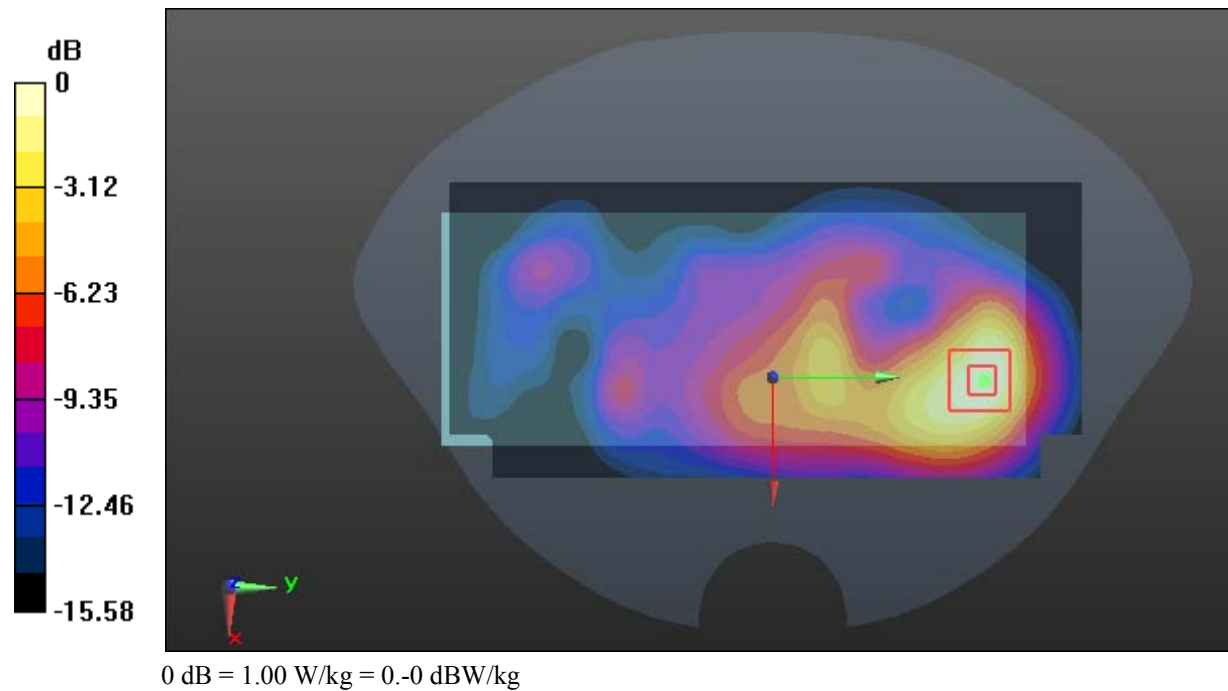
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.420 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 1.18 W/kg

**SAR(1 g) = 0.686 W/kg; SAR(10 g) = 0.398 W/kg**

Maximum value of SAR (measured) = 1.00 W/kg



**Test Plot 23#: WCDMA Band 2\_Handheld Left\_Middle****DUT: TC20 Controller; Type: TC20; Serial: 18120305021**

Communication System: WCDMA; Frequency: 1880 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.489$  S/m;  $\epsilon_r = 54.167$ ;  $\rho = 1000$  kg/m<sup>3</sup>;  
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(7.7, 7.7, 7.7); Calibrated: 2018/12/13;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- Phantom: SAM (30deg probe tilt) with CRP v5.0\_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (41x141x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

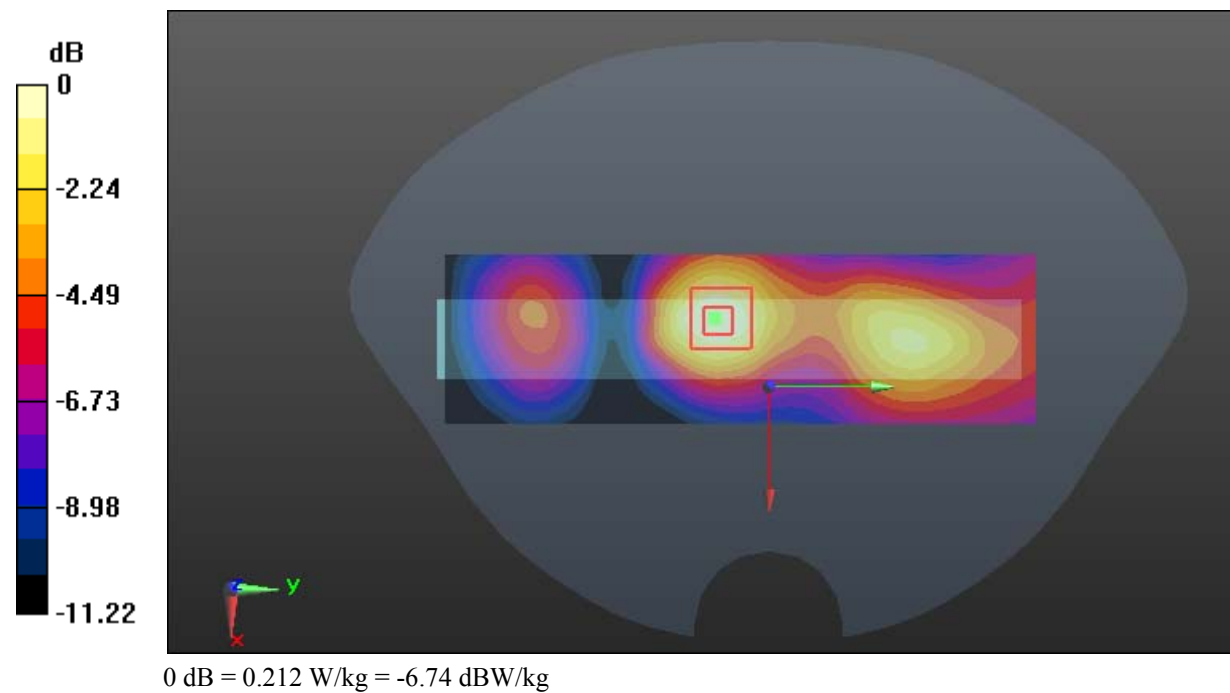
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.951 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.242 W/kg

**SAR(1 g) = 0.157 W/kg; SAR(10 g) = 0.100 W/kg**

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



**Test Plot 24#: WCDMA Band 2\_Handheld Right\_Middle****DUT: TC20 Controller; Type: TC20; Serial: 18120305021**

Communication System: WCDMA; Frequency: 1880 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.489$  S/m;  $\epsilon_r = 54.167$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(7.7, 7.7, 7.7); Calibrated: 2018/12/13;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- Phantom: SAM (30deg probe tilt) with CRP v5.0\_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (41x141x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

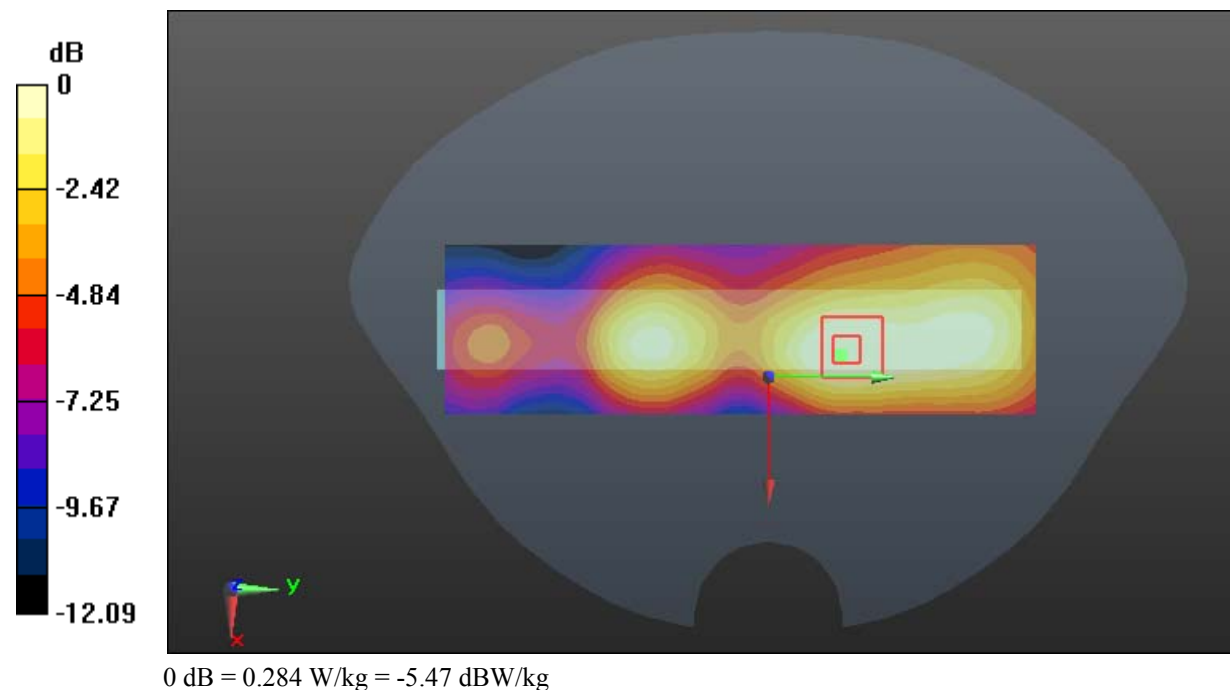
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.166 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.328 W/kg

**SAR(1 g) = 0.211 W/kg; SAR(10 g) = 0.138 W/kg**

Maximum value of SAR (measured) = 0.284 W/kg





**Test Plot 25#: WCDMA Band 2\_Body Bottom\_Middle****DUT: TC20 Controller; Type: TC20; Serial: 18120305021**

Communication System: WCDMA; Frequency: 1880 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.489$  S/m;  $\epsilon_r = 54.167$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(7.7, 7.7, 7.7); Calibrated: 2018/12/13;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- Phantom: SAM (30deg probe tilt) with CRP v5.0\_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (41x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.713 W/kg

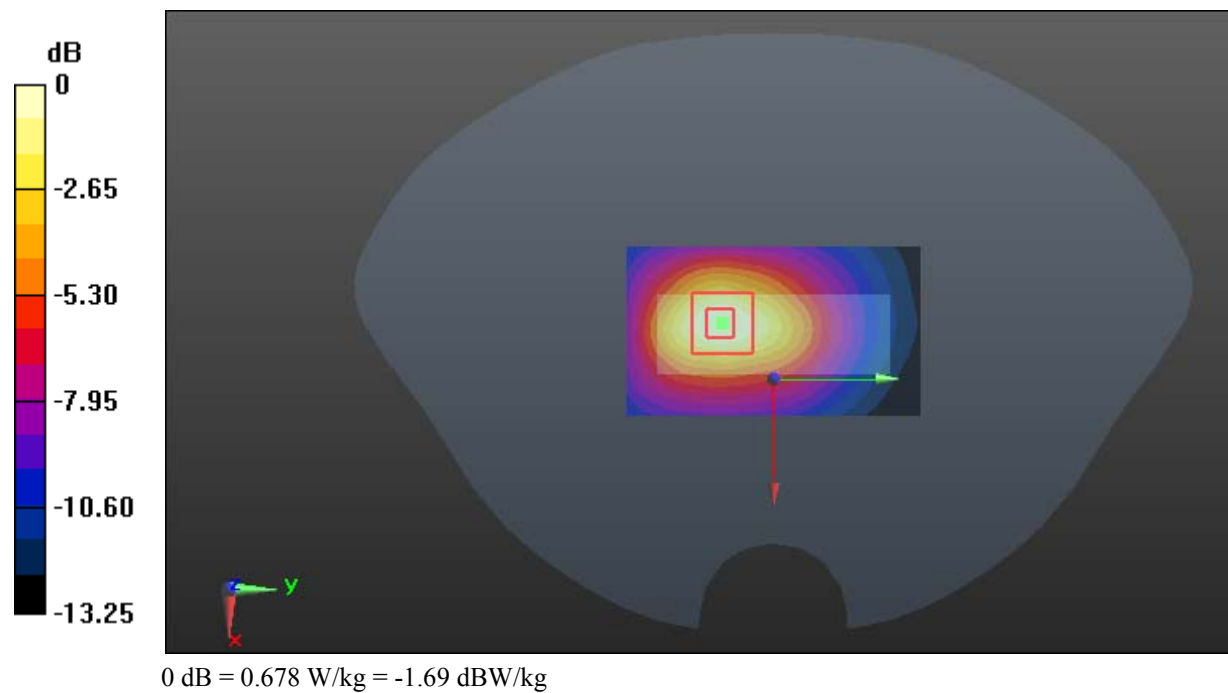
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.87 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.813 W/kg

**SAR(1 g) = 0.484 W/kg; SAR(10 g) = 0.285 W/kg**

Maximum value of SAR (measured) = 0.678 W/kg



**Test Plot 26#: WCDMA Band 5\_Face Up\_Middle****DUT: TC20 Controller; Type: TC20; Serial: 18120305021**

Communication System: WCDMA; Frequency: 836.6 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.88$  S/m;  $\epsilon_r = 42.313$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(10.05, 10.05, 10.05); Calibrated: 2018/12/13;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- Phantom: SAM (30deg probe tilt) with CRP v5.0\_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.560 W/kg

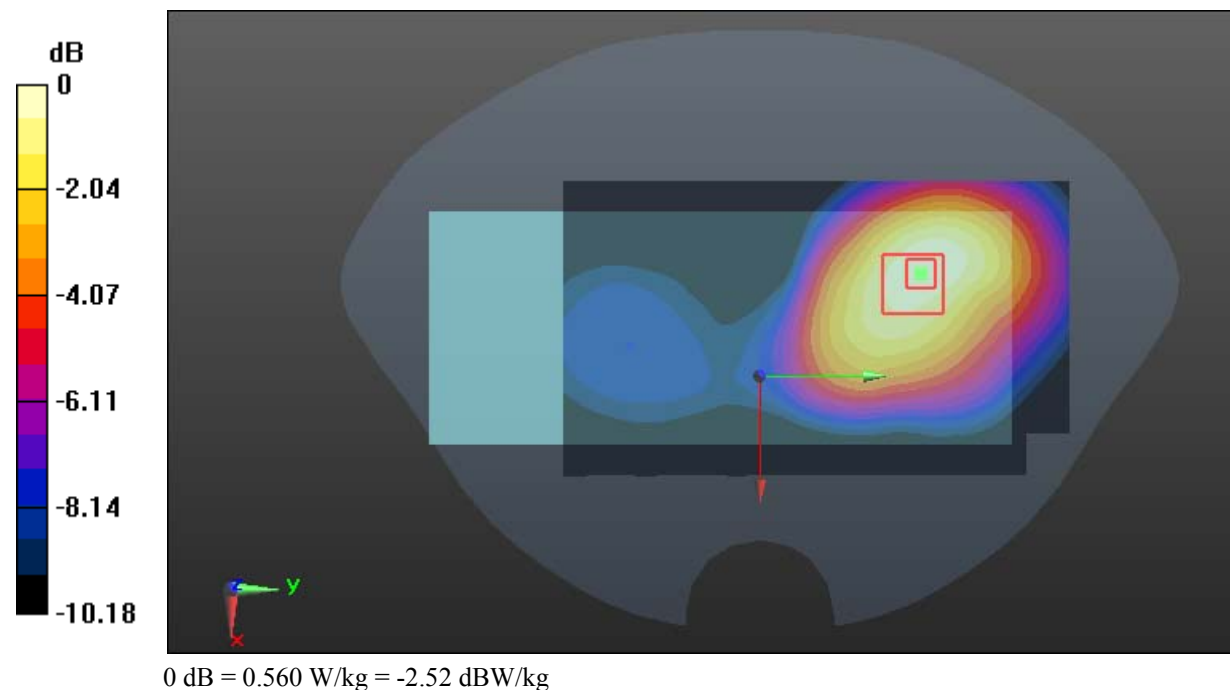
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.713 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.633 W/kg

**SAR(1 g) = 0.425 W/kg; SAR(10 g) = 0.298 W/kg**

Maximum value of SAR (measured) = 0.560 W/kg



**Test Plot 27#: WCDMA Band 5\_Body Back\_Middle****DUT: TC20 Controller; Type: TC20; Serial: 18120305021**

Communication System: WCDMA; Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.958$  S/m;  $\epsilon_r = 57.231$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(10.19, 10.19, 10.19); Calibrated: 2018/12/13;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- Phantom: SAM (30deg probe tilt) with CRP v5.0\_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (71x151x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.266 W/kg

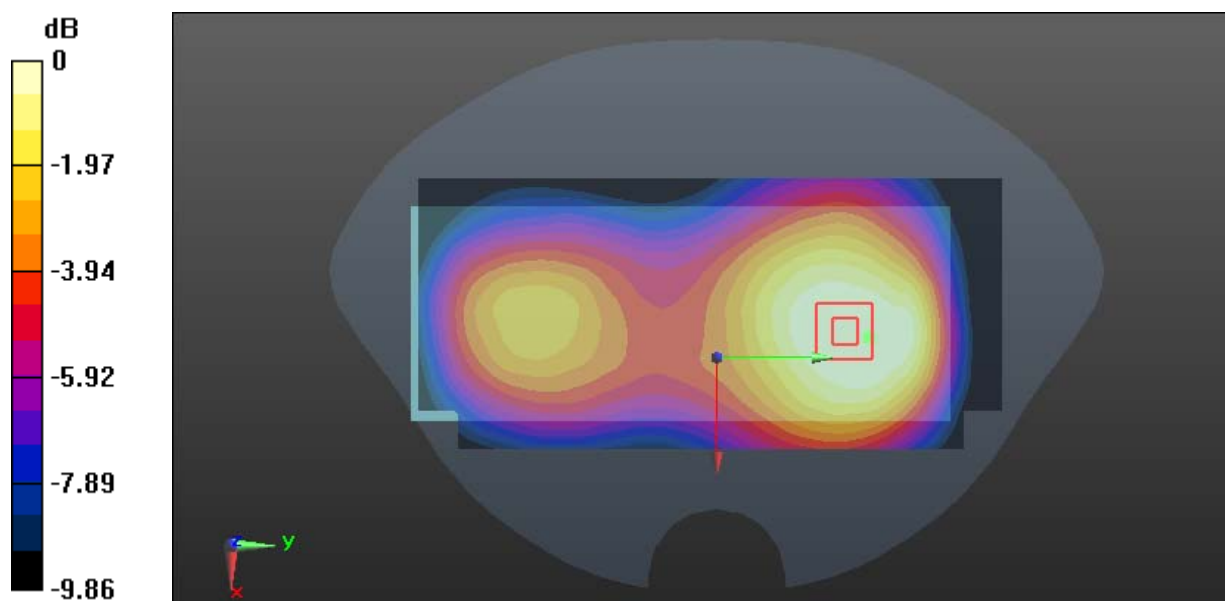
**Zoom Scan (6x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.765 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.272 W/kg

**SAR(1 g) = 0.192 W/kg; SAR(10 g) = 0.140 W/kg**

Maximum value of SAR (measured) = 0.243 W/kg



0 dB = 0.243 W/kg = -6.14 dBW/kg

**Test Plot 28#: WCDMA Band 5\_Handheld Back\_Middle****DUT: TC20 Controller; Type: TC20; Serial: 18120305021**

Communication System: WCDMA; Frequency: 836.6 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.958$  S/m;  $\epsilon_r = 57.231$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(10.19, 10.19, 10.19); Calibrated: 2018/12/13;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- Phantom: SAM (30deg probe tilt) with CRP v5.0\_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (71x151x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.385 W/kg

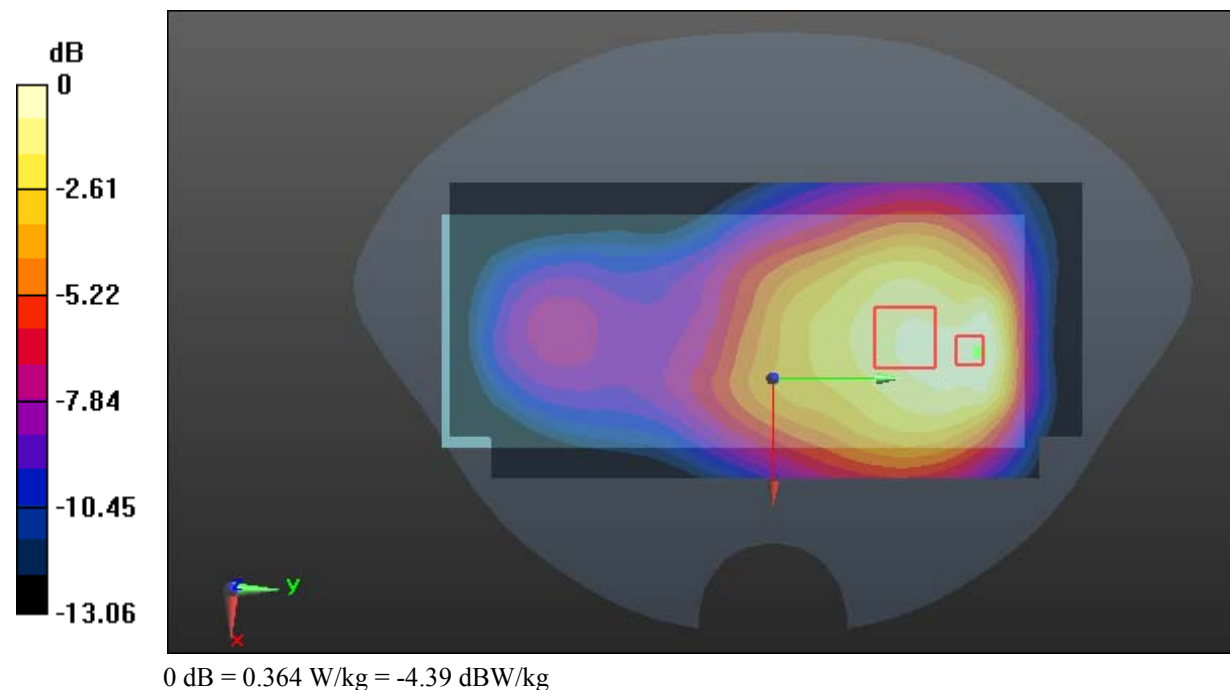
**Zoom Scan (6x8x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.05 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.439 W/kg

**SAR(1 g) = 0.255 W/kg; SAR(10 g) = 0.175 W/kg**

Maximum value of SAR (measured) = 0.364 W/kg



**Test Plot 29#: WCDMA Band 5\_Handheld Left\_Middle****DUT: TC20 Controller; Type: TC20; Serial: 18120305021**

Communication System: WCDMA; Frequency: 836.6 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.958$  S/m;  $\epsilon_r = 57.231$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(10.19, 10.19, 10.19); Calibrated: 2018/12/13;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- Phantom: SAM (30deg probe tilt) with CRP v5.0\_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (41x141x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

Maximum value of SAR (interpolated) = 0.314 W/kg

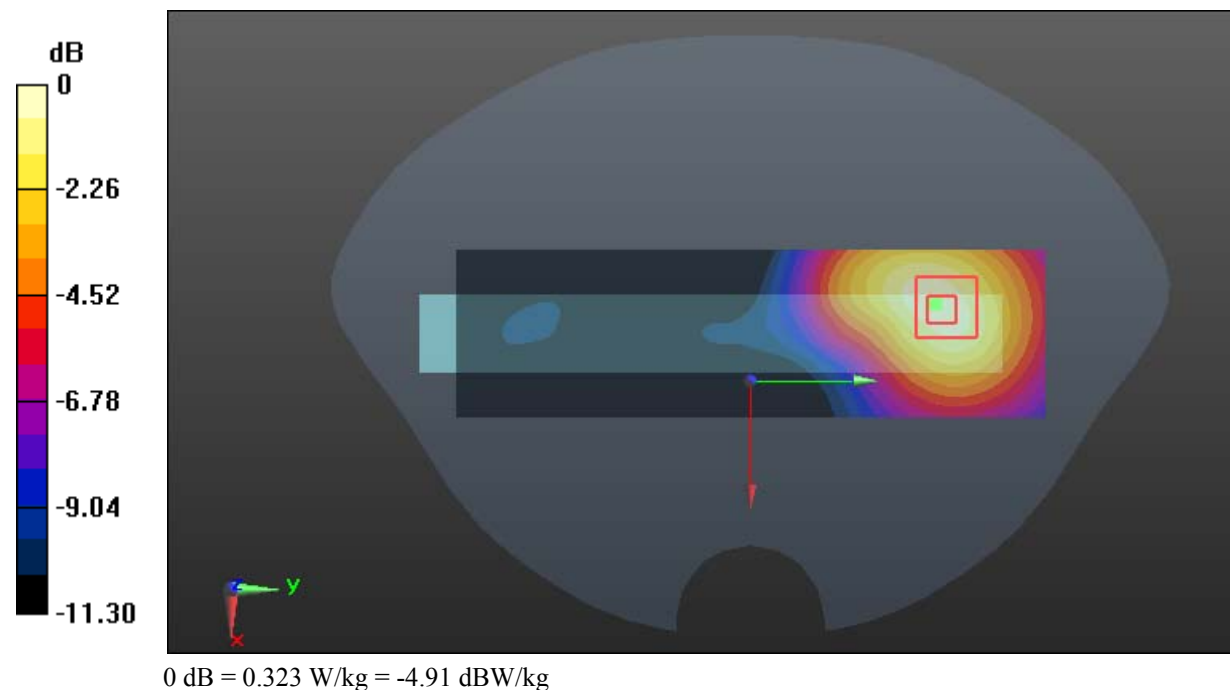
**Zoom Scan (7x6x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 5.142 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.372 W/kg

**SAR(1 g) = 0.236 W/kg; SAR(10 g) = 0.158 W/kg**

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



**Test Plot 30#: WCDMA Band 5\_Handheld Right\_Middle****DUT: TC20 Controller; Type: TC20; Serial: 18120305021**

Communication System: WCDMA; Frequency: 836.6 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.958$  S/m;  $\epsilon_r = 57.231$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(10.19, 10.19, 10.19); Calibrated: 2018/12/13;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- Phantom: SAM (30deg probe tilt) with CRP v5.0\_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (41x141x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.458 W/kg

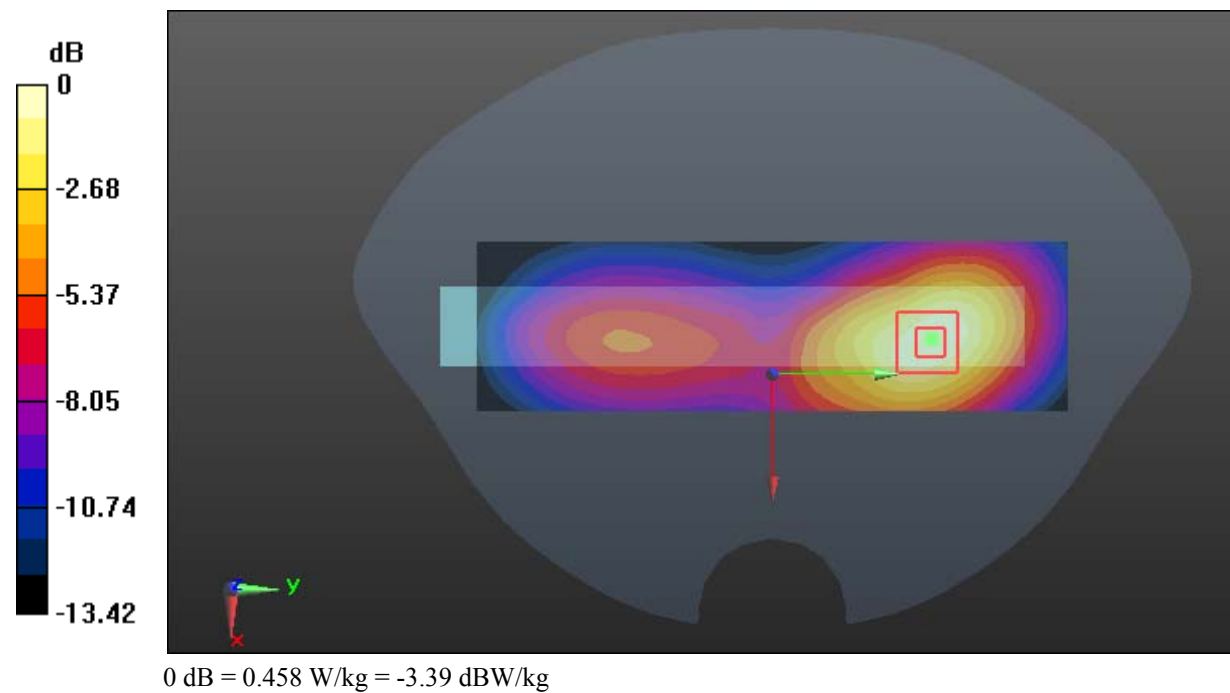
**Zoom Scan (7x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.972 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.528 W/kg

**SAR(1 g) = 0.330 W/kg; SAR(10 g) = 0.215 W/kg**

Maximum value of SAR (measured) = 0.458 W/kg



**Test Plot 31#: WCDMA Band 5\_Body Bottom\_Middle****DUT: TC20 Controller; Type: TC20; Serial: 18120305021**

Communication System: WCDMA; Frequency: 836.6 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.958$  S/m;  $\epsilon_r = 57.231$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(10.19, 10.19, 10.19); Calibrated: 2018/12/13;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- Phantom: SAM (30deg probe tilt) with CRP v5.0\_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (41x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.193 W/kg

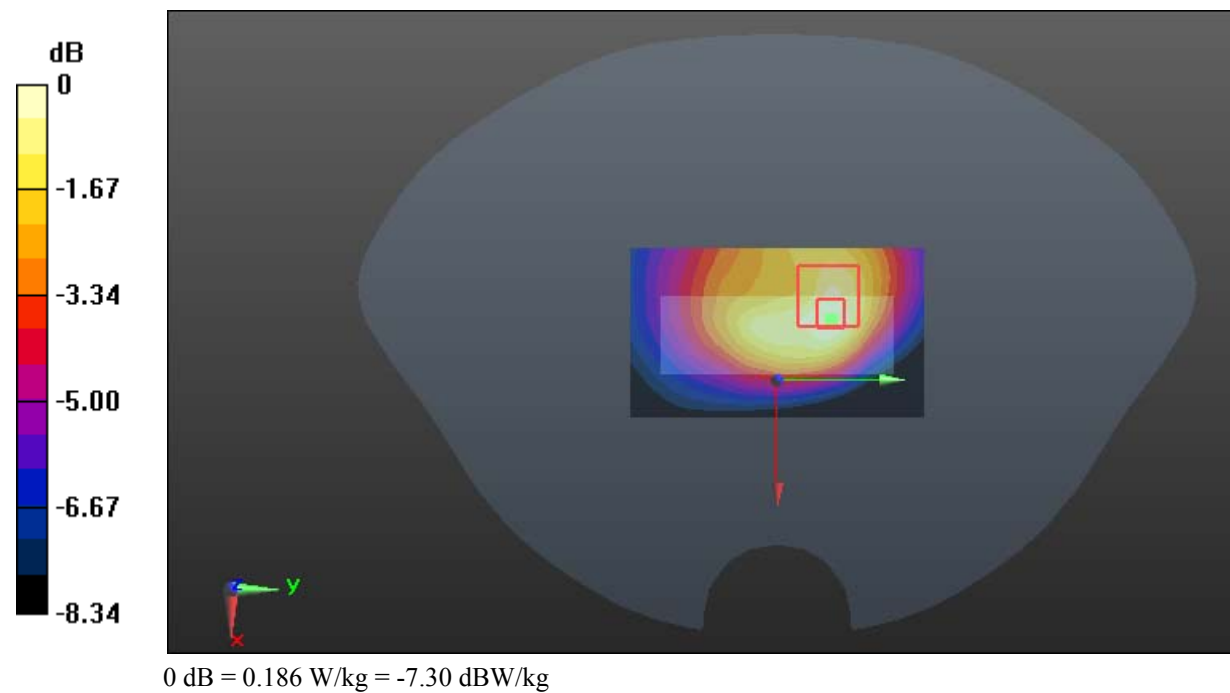
**Zoom Scan (6x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.27 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.226 W/kg

**SAR(1 g) = 0.126 W/kg; SAR(10 g) = 0.083 W/kg**

Maximum value of SAR (measured) = 0.186 W/kg



**Test Plot 32#: LTE Band 7\_Face Up\_Middle\_1RB****DUT: TC20 Controller; Type: TC20; Serial: 18120305021**

Communication System: Generic FDD-LTE; Frequency: 2535 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2535$  MHz;  $\sigma = 1.872$  S/m;  $\epsilon_r = 39.933$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(7.49, 7.49, 7.49); Calibrated: 2018/12/13;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- Phantom: SAM (30deg probe tilt) with CRP v5.0\_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (91x101x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.681 W/kg

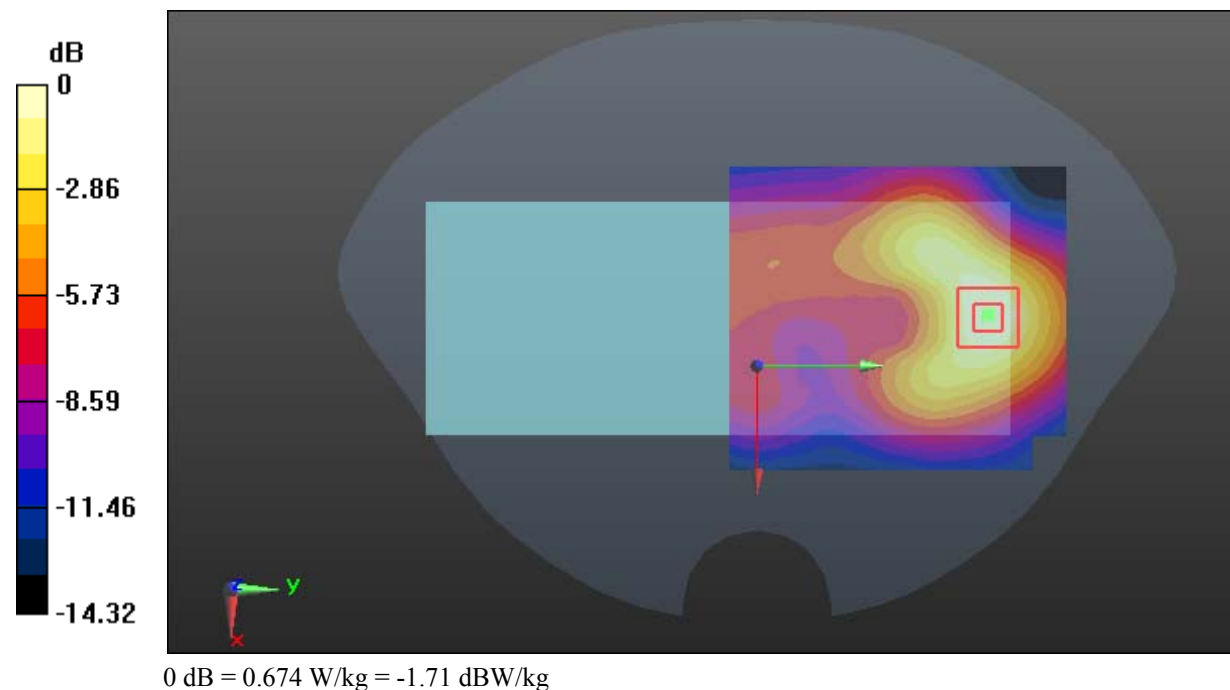
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.437 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.819 W/kg

**SAR(1 g) = 0.441 W/kg; SAR(10 g) = 0.242 W/kg**

Maximum value of SAR (measured) = 0.674 W/kg





**Test Plot 33#: LTE Band 7\_Face Up\_Middle\_50%RB****DUT: TC20 Controller; Type: TC20; Serial: 18120305021**

Communication System: Generic FDD-LTE; Frequency: 2535 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2535$  MHz;  $\sigma = 1.872$  S/m;  $\epsilon_r = 39.933$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(7.49, 7.49, 7.49); Calibrated: 2018/12/13;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- Phantom: SAM (30deg probe tilt) with CRP v5.0\_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (91x101x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.529 W/kg

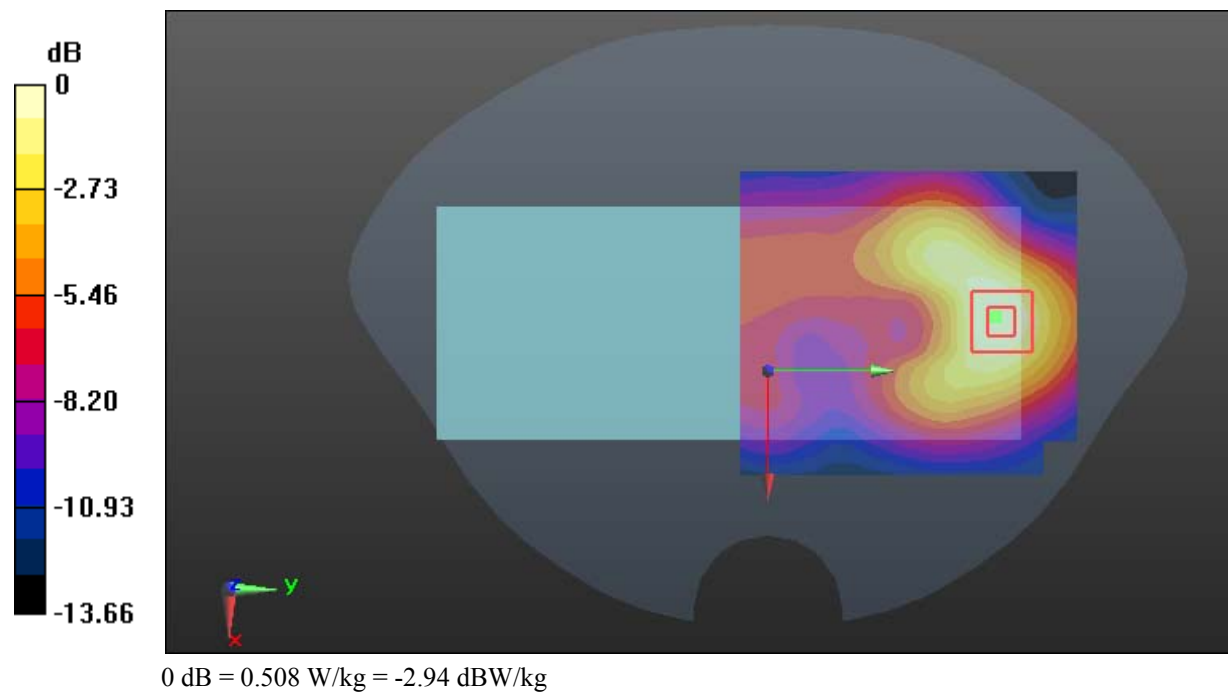
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.679 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.621 W/kg

**SAR(1 g) = 0.336 W/kg; SAR(10 g) = 0.188 W/kg**

Maximum value of SAR (measured) = 0.508 W/kg



**Test Plot 34#: LTE Band 7\_Body Back\_Low\_1RB****DUT: TC20 Controller; Type: TC20; Serial: 18120305021**

Communication System: Generic FDD-LTE; Frequency: 2510 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 2510$  MHz;  $\sigma = 1.969$  S/m;  $\epsilon_r = 54.18$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(7.43, 7.43, 7.43); Calibrated: 2018/12/13;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- Phantom: SAM (30deg probe tilt) with CRP v5.0\_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (91x151x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.43 W/kg

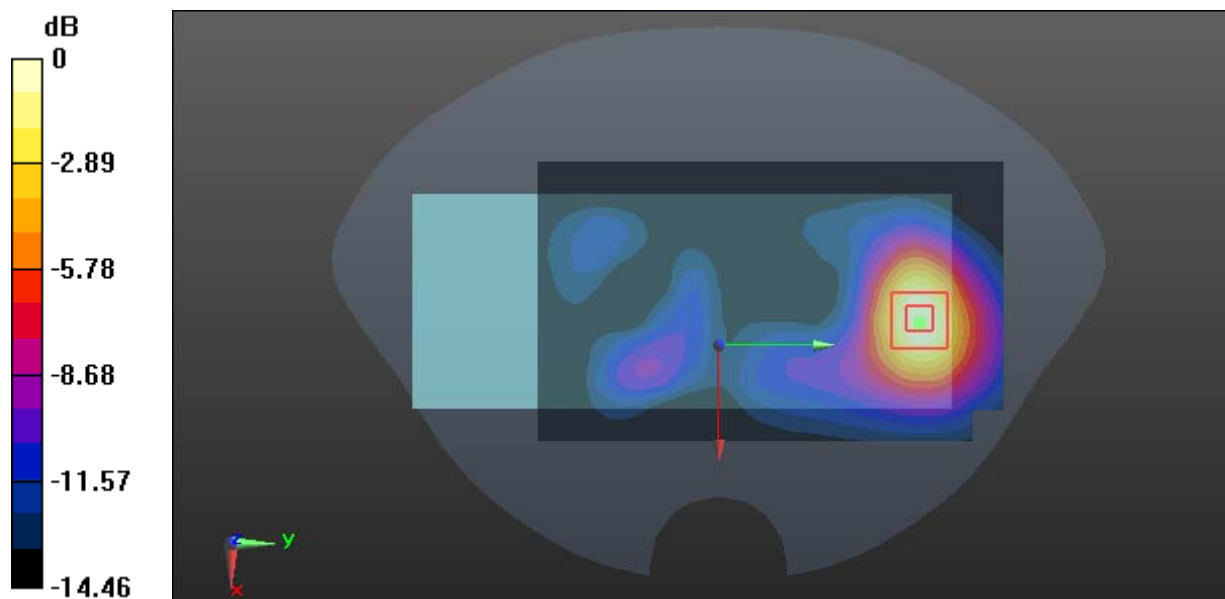
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.511 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 1.71 W/kg

**SAR(1 g) = 0.916 W/kg; SAR(10 g) = 0.474 W/kg**

Maximum value of SAR (measured) = 1.40 W/kg



0 dB = 1.40 W/kg = 1.46 dBW/kg

**Test Plot 35#: LTE Band 7\_Body Back\_Middle\_1RB****DUT: TC20 Controller; Type: TC20; Serial: 18120305021**

Communication System: Generic FDD-LTE; Frequency: 2535 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 2535$  MHz;  $\sigma = 2.088$  S/m;  $\epsilon_r = 53.945$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(7.43, 7.43, 7.43); Calibrated: 2018/12/13;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- Phantom: SAM (30deg probe tilt) with CRP v5.0\_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (91x151x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.60 W/kg

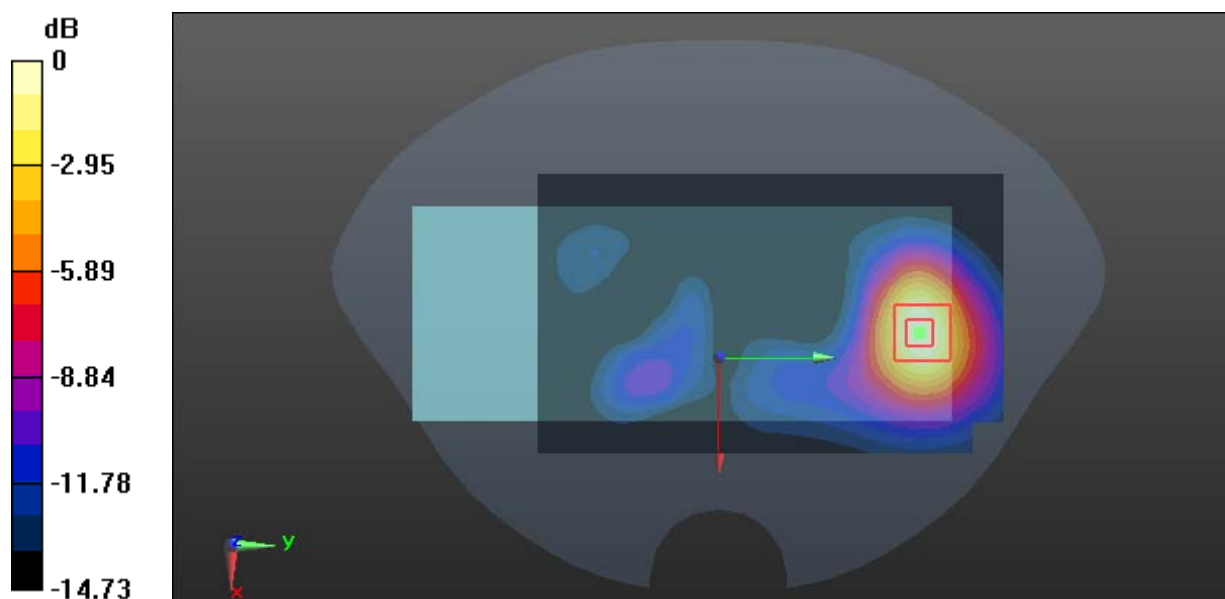
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.222 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 1.93 W/kg

**SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.512 W/kg**

Maximum value of SAR (measured) = 1.58 W/kg



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

**Test Plot 36#: LTE Band 7\_Body Back\_High\_1RB****DUT: TC20 Controller; Type: TC20; Serial: 18120305021**

Communication System: Generic FDD-LTE; Frequency: 2560 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $f = 2560$  MHz;  $\sigma = 2.103$  S/m;  $\epsilon_r = 52.957$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(7.17, 7.17, 7.17); Calibrated: 2018/12/13;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- Phantom: SAM (30deg probe tilt) with CRP v5.0\_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (91x151x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.83 W/kg

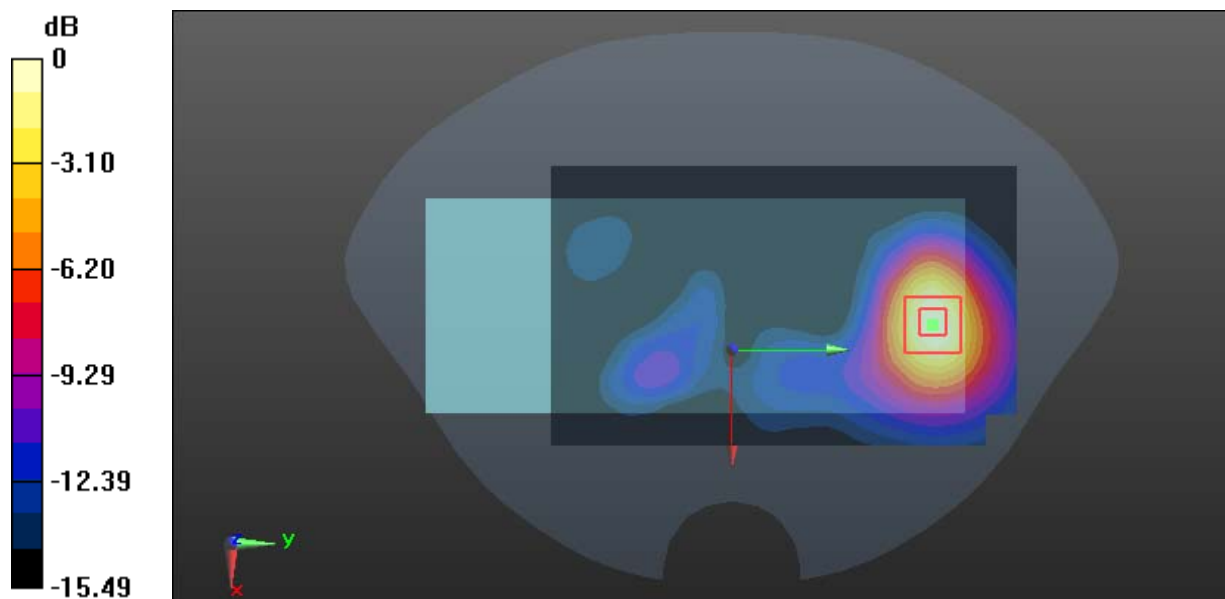
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.116 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 2.26 W/kg

**SAR(1 g) = 1.15 W/kg; SAR(10 g) = 0.581 W/kg**

Maximum value of SAR (measured) = 1.84 W/kg



0 dB = 1.84 W/kg = 2.65 dBW/kg

**Test Plot 37#: LTE Band 7\_Body Back\_Low\_50%RB****DUT: TC20 Controller; Type: TC20; Serial: 18120305021**

Communication System: Generic FDD-LTE; Frequency: 2510 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 2510$  MHz;  $\sigma = 1.969$  S/m;  $\epsilon_r = 54.18$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(7.43, 7.43, 7.43); Calibrated: 2018/12/13;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- Phantom: SAM (30deg probe tilt) with CRP v5.0\_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (91x151x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.09 W/kg

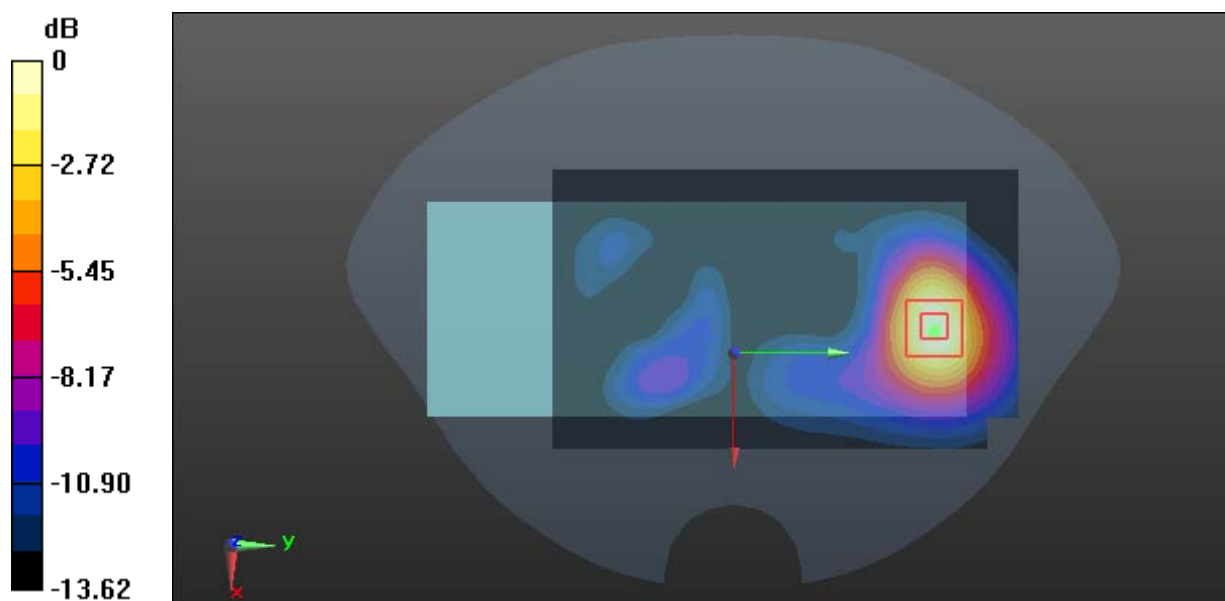
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.204 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.31 W/kg

**SAR(1 g) = 0.703 W/kg; SAR(10 g) = 0.367 W/kg**

Maximum value of SAR (measured) = 1.08 W/kg



0 dB = 1.08 W/kg = 0.33 dBW/kg

**Test Plot 38#: LTE Band 7\_Body Back\_Middle\_50%RB****DUT: TC20 Controller; Type: TC20; Serial: 18120305021**

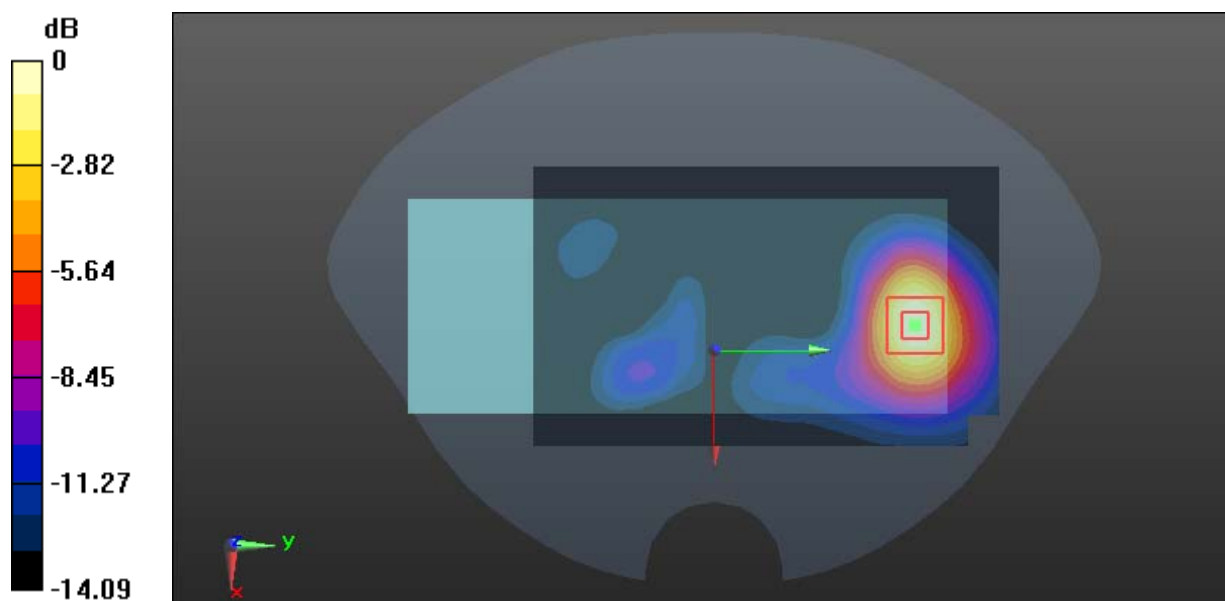
Communication System: Generic FDD-LTE; Frequency: 2535 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2535$  MHz;  $\sigma = 2.088$  S/m;  $\epsilon_r = 53.945$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(7.43, 7.43, 7.43); Calibrated: 2018/12/13;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- Phantom: SAM (30deg probe tilt) with CRP v5.0\_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (91x151x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 1.30 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 4.895 V/m; Power Drift = 0.18 dB  
Peak SAR (extrapolated) = 1.57 W/kg  
**SAR(1 g) = 0.819 W/kg; SAR(10 g) = 0.420 W/kg**  
Maximum value of SAR (measured) = 1.29 W/kg



0 dB = 1.29 W/kg = 1.11 dBW/kg

**Test Plot 39#: LTE Band 7\_Body Back\_High\_50%RB****DUT: TC20 Controller; Type: TC20; Serial: 18120305021**

Communication System: Generic FDD-LTE; Frequency: 2560 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2560$  MHz;  $\sigma = 2.103$  S/m;  $\epsilon_r = 52.957$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(7.17, 7.17, 7.17); Calibrated: 2018/12/13;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- Phantom: SAM (30deg probe tilt) with CRP v5.0\_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (91x151x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.51 W/kg

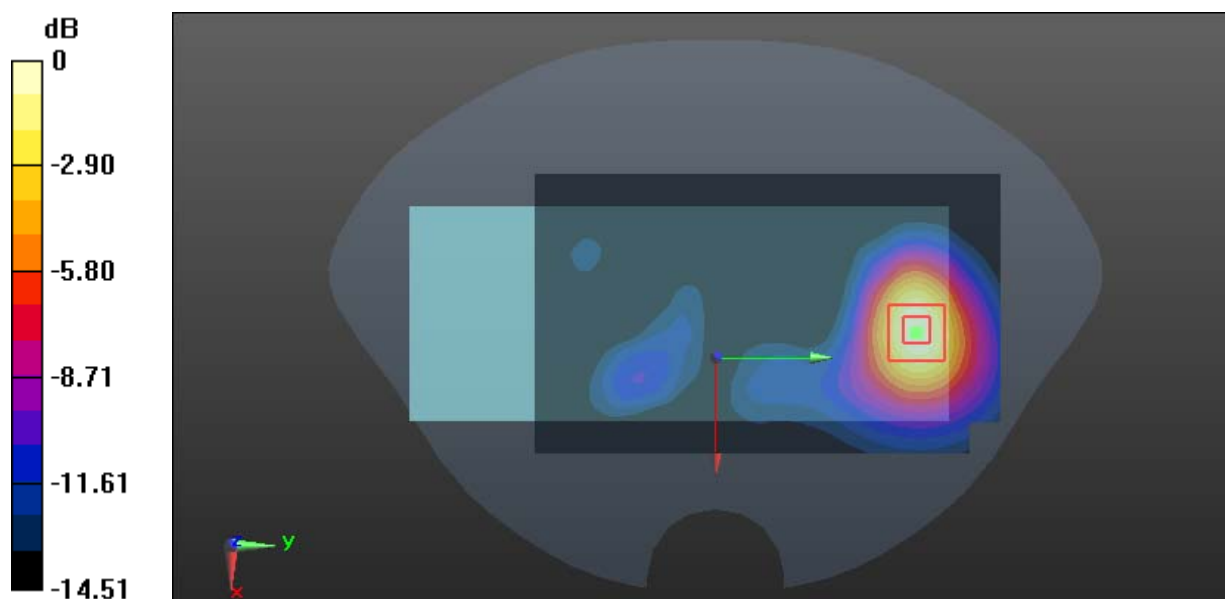
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.878 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 1.80 W/kg

**SAR(1 g) = 0.923 W/kg; SAR(10 g) = 0.468 W/kg**

Maximum value of SAR (measured) = 1.47 W/kg



0 dB = 1.47 W/kg = 1.67 dBW/kg

**Test Plot 40#: LTE Band 7\_Body Back\_High\_100%RB****DUT: TC20 Controller; Type: TC20; Serial: 18120305021**

Communication System: Generic FDD-LTE; Frequency: 2560 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 2560$  MHz;  $\sigma = 2.103$  S/m;  $\epsilon_r = 52.957$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(7.17, 7.17, 7.17); Calibrated: 2018/12/13;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- Phantom: SAM (30deg probe tilt) with CRP v5.0\_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (91x151x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.37 W/kg

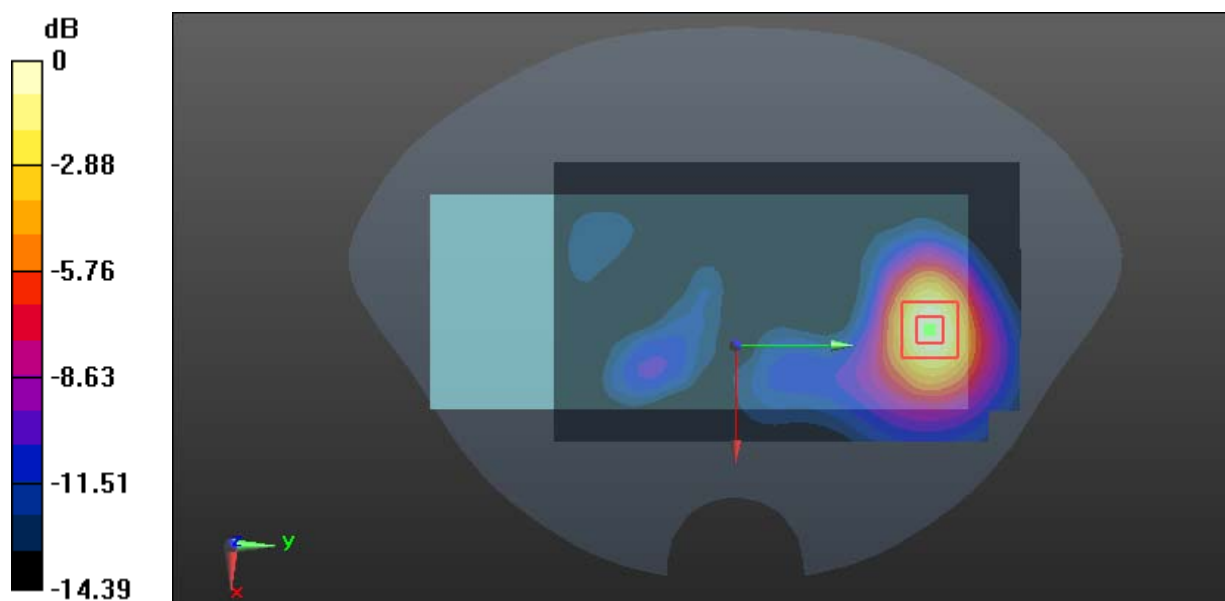
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.380 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 1.68 W/kg

**SAR(1 g) = 0.847 W/kg; SAR(10 g) = 0.426 W/kg**

Maximum value of SAR (measured) = 1.36 W/kg



0 dB = 1.36 W/kg = 1.34 dBW/kg



**Test Plot 41#: LTE Band 7\_Handheld Back\_Middle\_1RB****DUT: TC20 Controller; Type: TC20; Serial: 18120305021**

Communication System: Generic FDD-LTE; Frequency: 2535 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $f = 2535$  MHz;  $\sigma = 2.088$  S/m;  $\epsilon_r = 53.945$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(7.43, 7.43, 7.43); Calibrated: 2018/12/13;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- Phantom: SAM (30deg probe tilt) with CRP v5.0\_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (91x151x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 4.52 W/kg

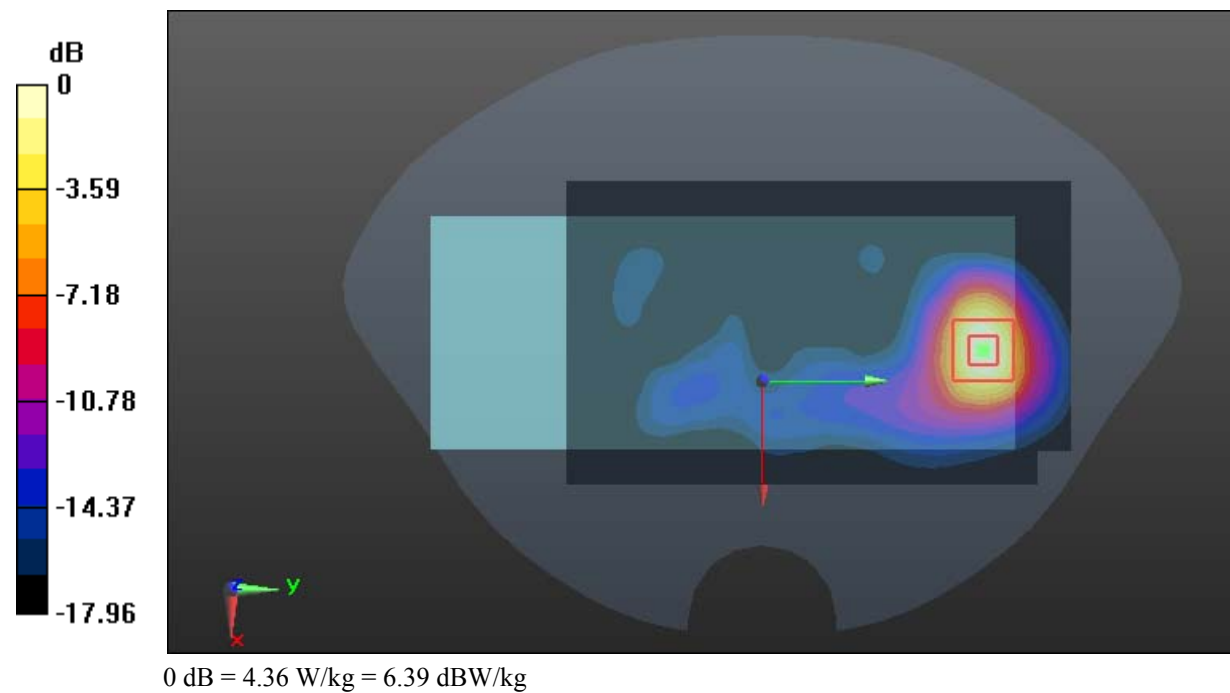
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.486 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 5.36 W/kg

**SAR(1 g) = 2.66 W/kg; SAR(10 g) = 1.21 W/kg**

Maximum value of SAR (measured) = 4.36 W/kg



**Test Plot 42#: LTE Band 7\_Handheld Back\_Middle\_50%RB****DUT: TC20 Controller; Type: TC20; Serial: 18120305021**

Communication System: Generic FDD-LTE; Frequency: 2535 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2535$  MHz;  $\sigma = 2.088$  S/m;  $\epsilon_r = 53.945$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(7.43, 7.43, 7.43); Calibrated: 2018/12/13;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- Phantom: SAM (30deg probe tilt) with CRP v5.0\_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (91x151x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 3.48 W/kg

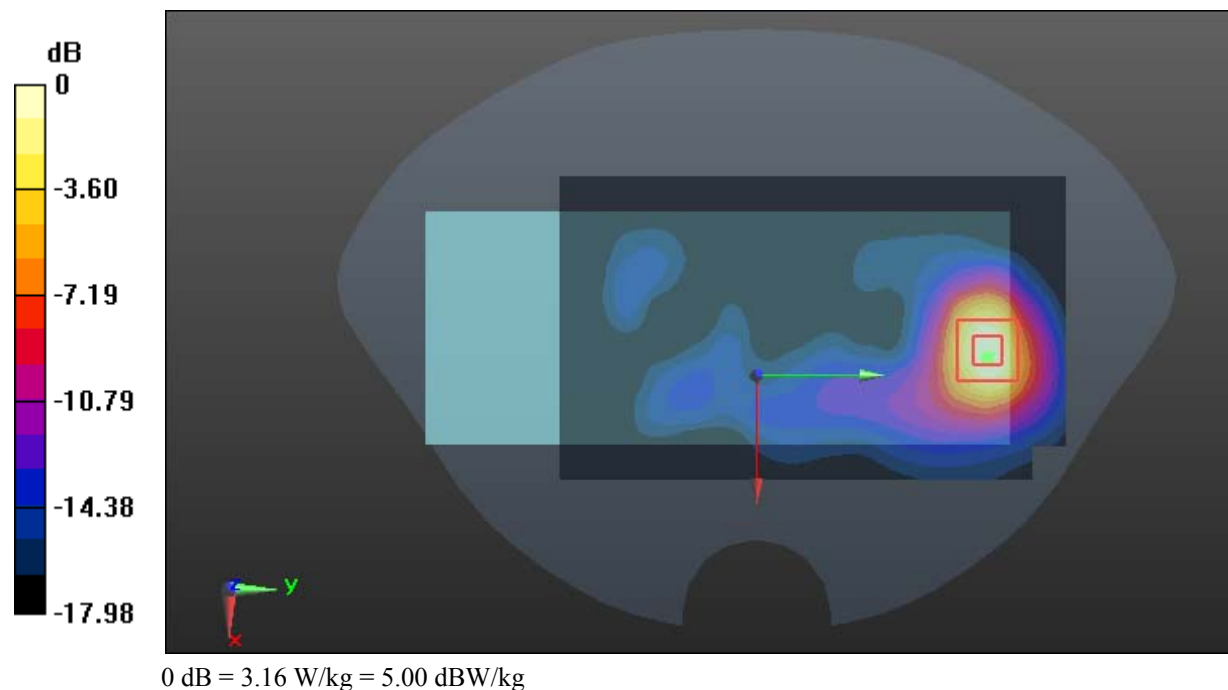
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.461 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 4.04 W/kg

**SAR(1 g) = 1.92 W/kg; SAR(10 g) = 0.862 W/kg**

Maximum value of SAR (measured) = 3.16 W/kg



**Test Plot 43#: LTE Band 7\_Handheld Left\_Middle\_1RB****DUT: TC20 Controller; Type: TC20; Serial: 18120305021**

Communication System: Generic FDD-LTE; Frequency: 2535 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2535$  MHz;  $\sigma = 2.088$  S/m;  $\epsilon_r = 53.945$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(7.43, 7.43, 7.43); Calibrated: 2018/12/13;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- Phantom: SAM (30deg probe tilt) with CRP v5.0\_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (51x151x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

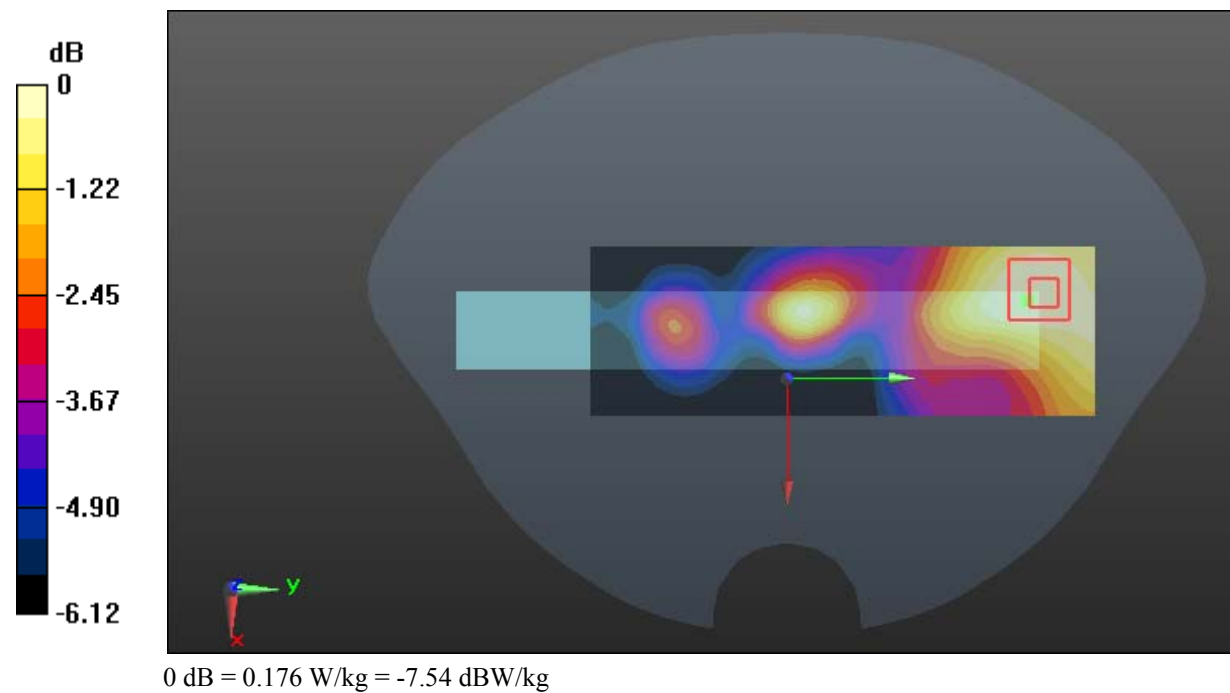
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.917 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.207 W/kg

**SAR(1 g) = 0.131 W/kg; SAR(10 g) = 0.093 W/kg**

Maximum value of SAR (measured) = 0.176 W/kg



**Test Plot 44#: LTE Band 7\_Handheld Left\_Middle\_50%RB****DUT: TC20 Controller; Type: TC20; Serial: 18120305021**

Communication System: Generic FDD-LTE; Frequency: 2535 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $f = 2535$  MHz;  $\sigma = 2.088$  S/m;  $\epsilon_r = 53.945$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(7.43, 7.43, 7.43); Calibrated: 2018/12/13;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- Phantom: SAM (30deg probe tilt) with CRP v5.0\_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (51x151x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.137 W/kg

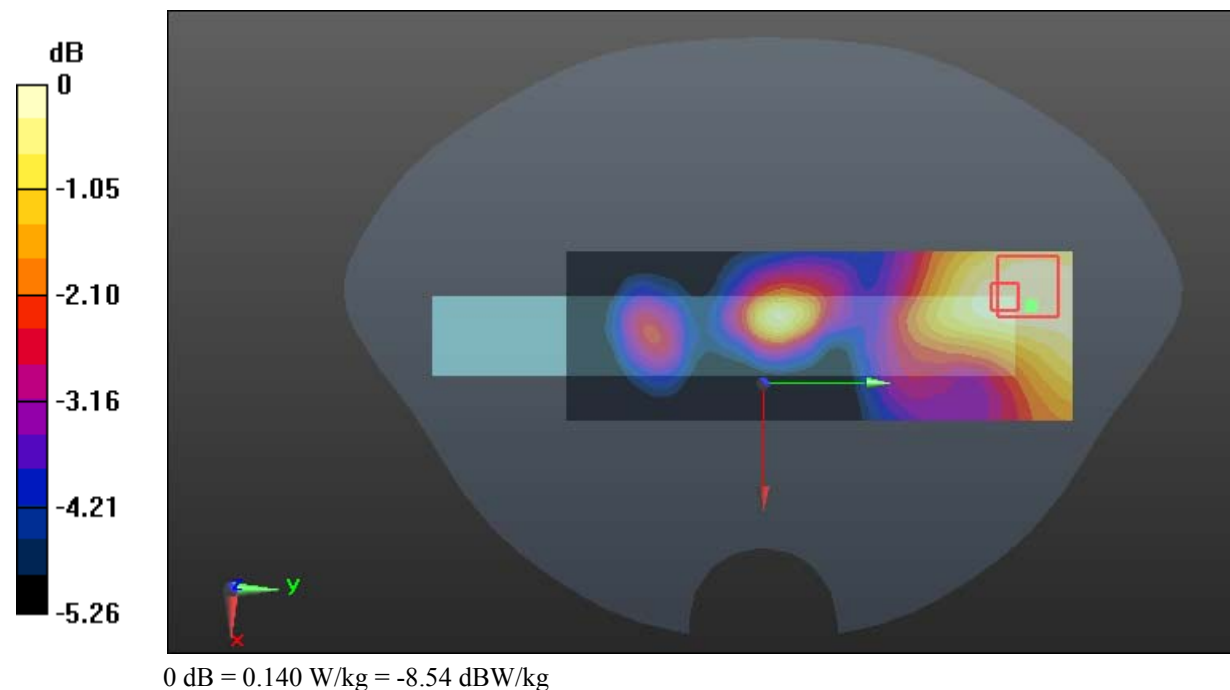
**Zoom Scan (6x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.218 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.161 W/kg

**SAR(1 g) = 0.106 W/kg; SAR(10 g) = 0.079 W/kg**

Maximum value of SAR (measured) = 0.140 W/kg



**Test Plot 45#: LTE Band 7\_Handheld Right\_Middle\_1RB****DUT: TC20 Controller; Type: TC20; Serial: 18120305021**

Communication System: Generic FDD-LTE; Frequency: 2535 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $f = 2535$  MHz;  $\sigma = 2.088$  S/m;  $\epsilon_r = 53.945$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(7.43, 7.43, 7.43); Calibrated: 2018/12/13;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- Phantom: SAM (30deg probe tilt) with CRP v5.0\_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (51x151x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.518 W/kg

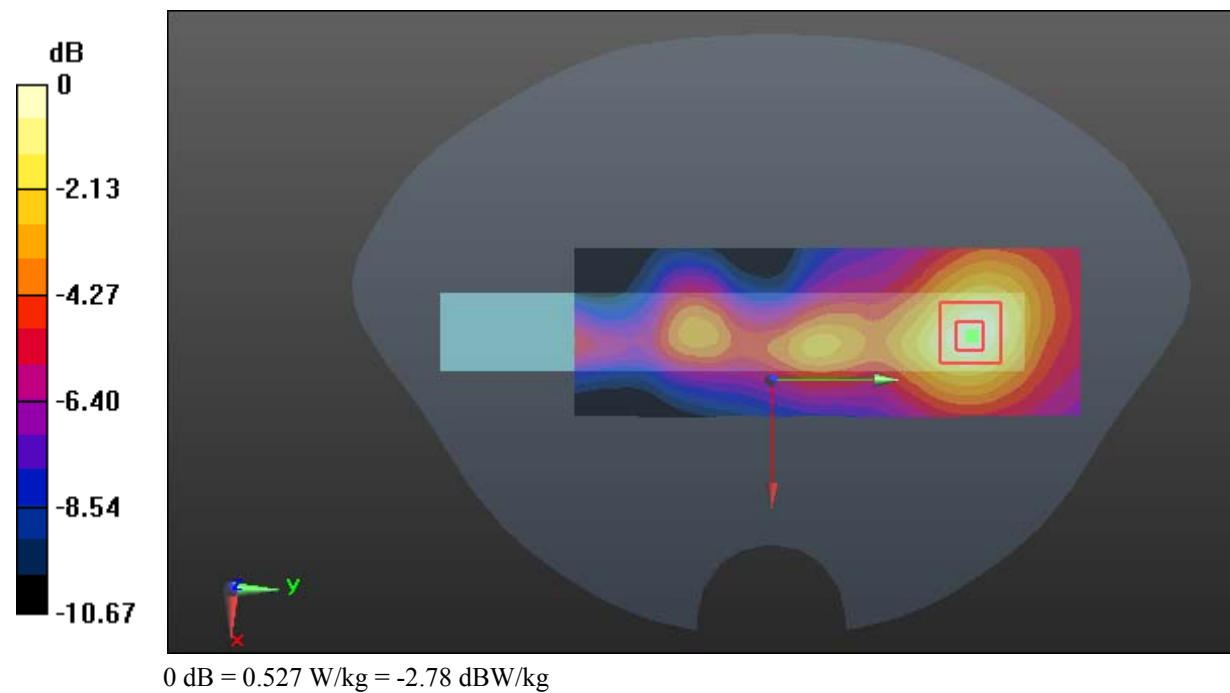
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.007 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.635 W/kg

**SAR(1 g) = 0.351 W/kg; SAR(10 g) = 0.206 W/kg**

Maximum value of SAR (measured) = 0.527 W/kg



**Test Plot 46#: LTE Band 7\_Handheld Right\_Middle\_50%RB****DUT: TC20 Controller; Type: TC20; Serial: 18120305021**

Communication System: Generic FDD-LTE; Frequency: 2535 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $f = 2535$  MHz;  $\sigma = 2.088$  S/m;  $\epsilon_r = 53.945$ ;  $\rho = 1000$  kg/m<sup>3</sup>;  
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(7.43, 7.43, 7.43); Calibrated: 2018/12/13;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- Phantom: SAM (30deg probe tilt) with CRP v5.0\_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (51x151x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.413 W/kg

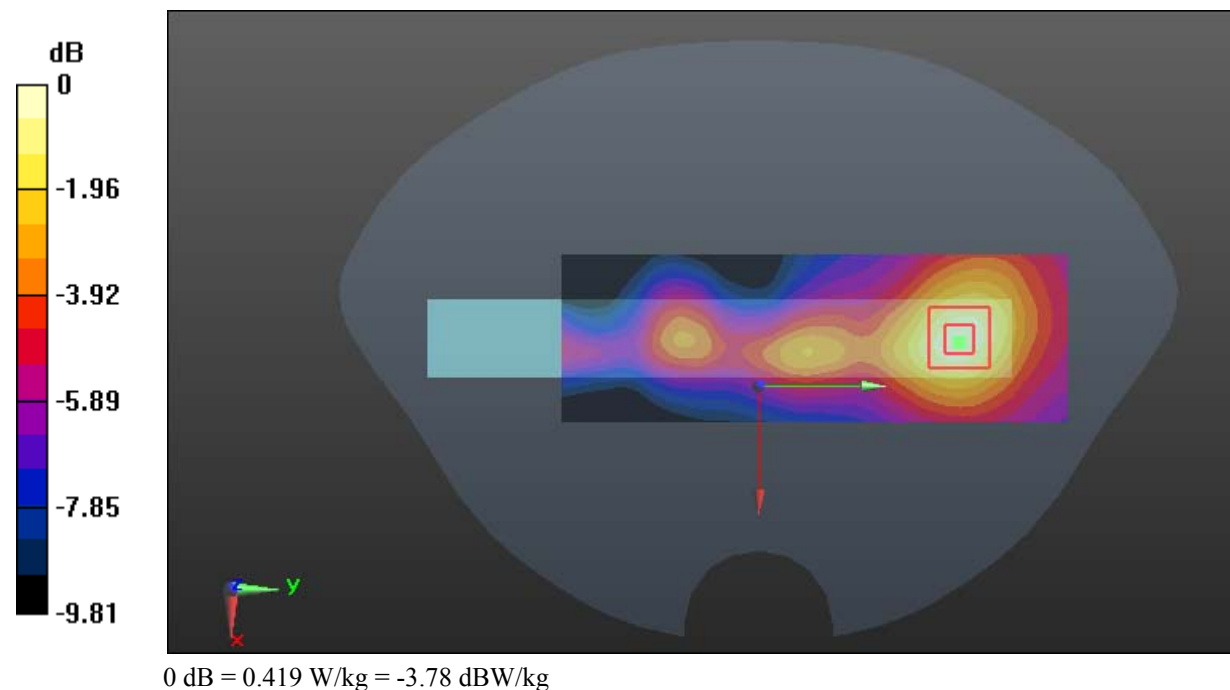
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.238 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.503 W/kg

**SAR(1 g) = 0.284 W/kg; SAR(10 g) = 0.170 W/kg**

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



**Test Plot 47#: LTE Band 7\_Body Bottom\_Middle\_1RB****DUT: TC20 Controller; Type: TC20; Serial: 18120305021**

Communication System: Generic FDD-LTE; Frequency: 2535 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2535$  MHz;  $\sigma = 2.088$  S/m;  $\epsilon_r = 53.945$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(7.43, 7.43, 7.43); Calibrated: 2018/12/13;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- Phantom: SAM (30deg probe tilt) with CRP v5.0\_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (51x91x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.83 W/kg

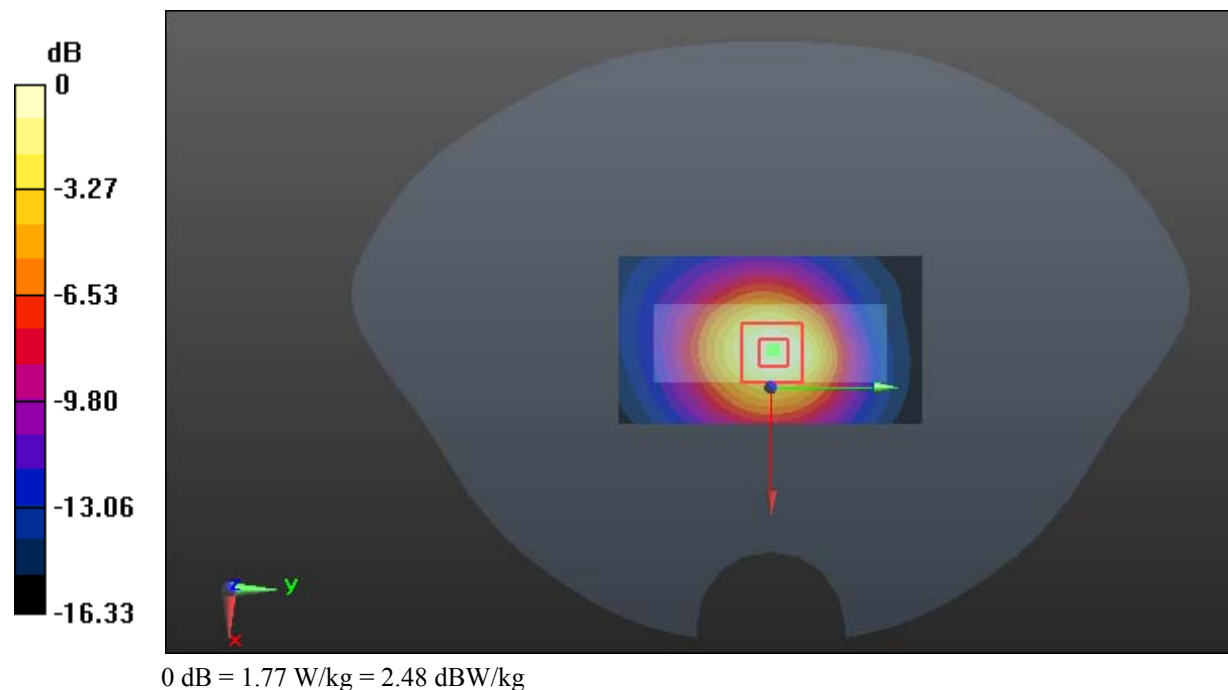
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.53 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 2.18 W/kg

**SAR(1 g) = 1.12 W/kg; SAR(10 g) = 0.571 W/kg**

Maximum value of SAR (measured) = 1.77 W/kg



**Test Plot 48#: LTE Band 7\_Body Bottom\_Middle\_50%RB****DUT: TC20 Controller; Type: TC20; Serial: 18120305021**

Communication System: Generic FDD-LTE; Frequency: 2535 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $f = 2535$  MHz;  $\sigma = 2.088$  S/m;  $\epsilon_r = 53.945$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(7.43, 7.43, 7.43); Calibrated: 2018/12/13;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- Phantom: SAM (30deg probe tilt) with CRP v5.0\_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (51x91x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.59 W/kg

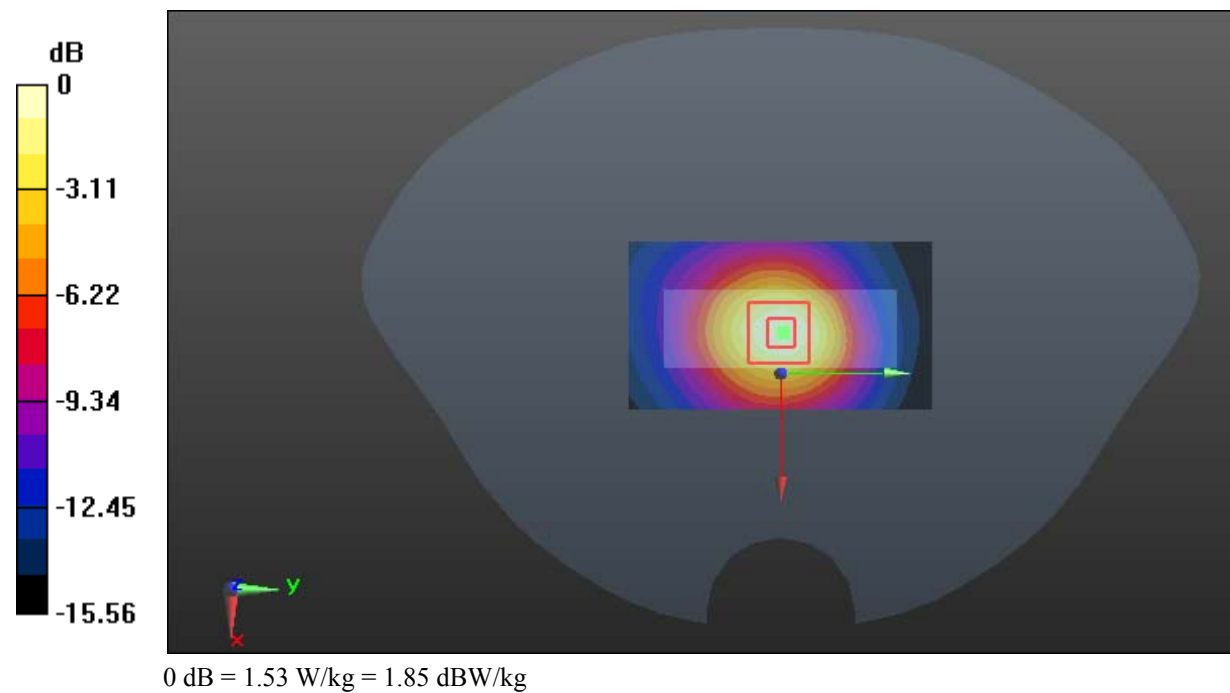
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.51 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.88 W/kg

**SAR(1 g) = 0.975 W/kg; SAR(10 g) = 0.508 W/kg**

Maximum value of SAR (measured) = 1.53 W/kg





**Test Plot 49#: LTE Band 41\_Face Up\_Middle\_1RB****DUT: TC20 Controller; Type: TC20; Serial: 18120305021**

Communication System: Generic TDD-LTE; Frequency: 2605 MHz; Duty Cycle: 1:1.58  
 Medium parameters used:  $f = 2605$  MHz;  $\sigma = 1.954$  S/m;  $\epsilon_r = 38.804$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(7.29, 7.29, 7.29); Calibrated: 2018/12/13;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- Phantom: SAM (30deg probe tilt) with CRP v5.0\_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (91x101x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.247 W/kg

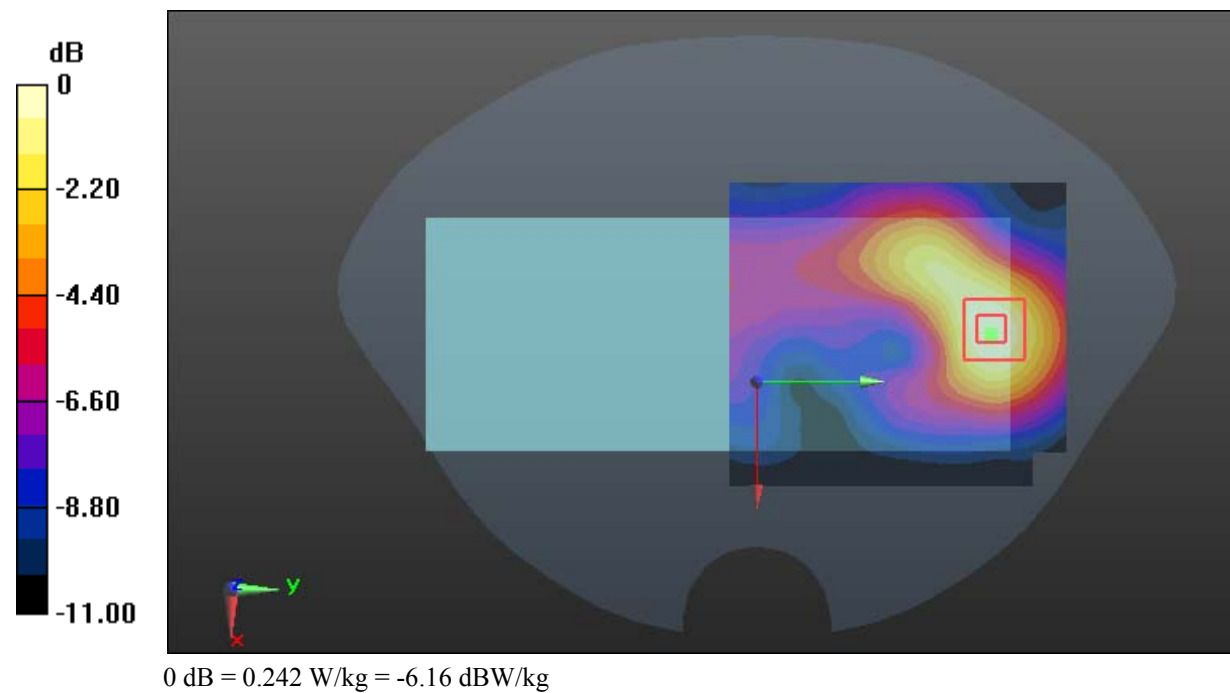
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.476 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.296 W/kg

**SAR(1 g) = 0.162 W/kg; SAR(10 g) = 0.094 W/kg**

Maximum value of SAR (measured) = 0.242 W/kg



**Test Plot 50#: LTE Band 41\_Face Up\_Middle\_50%RB****DUT: TC20 Controller; Type: TC20; Serial: 18120305021**

Communication System: Generic TDD-LTE; Frequency: 2605 MHz; Duty Cycle: 1:1.58  
Medium parameters used:  $f = 2605$  MHz;  $\sigma = 1.954$  S/m;  $\epsilon_r = 38.804$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(7.29, 7.29, 7.29); Calibrated: 2018/12/13;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- Phantom: SAM (30deg probe tilt) with CRP v5.0\_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (91x101x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

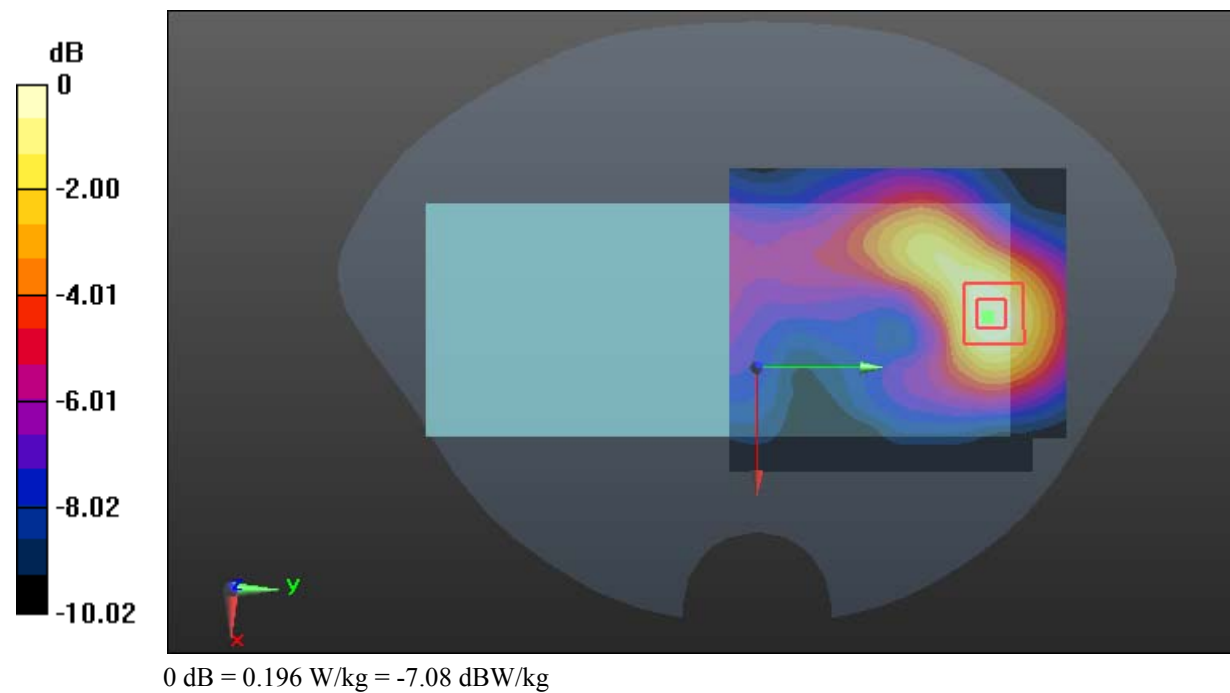
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.413 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.240 W/kg

**SAR(1 g) = 0.131 W/kg; SAR(10 g) = 0.078 W/kg**

Maximum value of SAR (measured) = 0.196 W/kg



**Test Plot 51#: LTE Band 41\_Body Back\_Middle\_1RB****DUT: TC20 Controller; Type: TC20; Serial: 18120305021**

Communication System: Generic TDD-LTE; Frequency: 2605 MHz; Duty Cycle: 1:1.58125

Medium parameters used:  $f = 2605$  MHz;  $\sigma = 2.14$  S/m;  $\epsilon_r = 52.454$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(7.17, 7.17, 7.17); Calibrated: 2018/12/13;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- Phantom: SAM (30deg probe tilt) with CRP v5.0\_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (91x151x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.402 W/kg

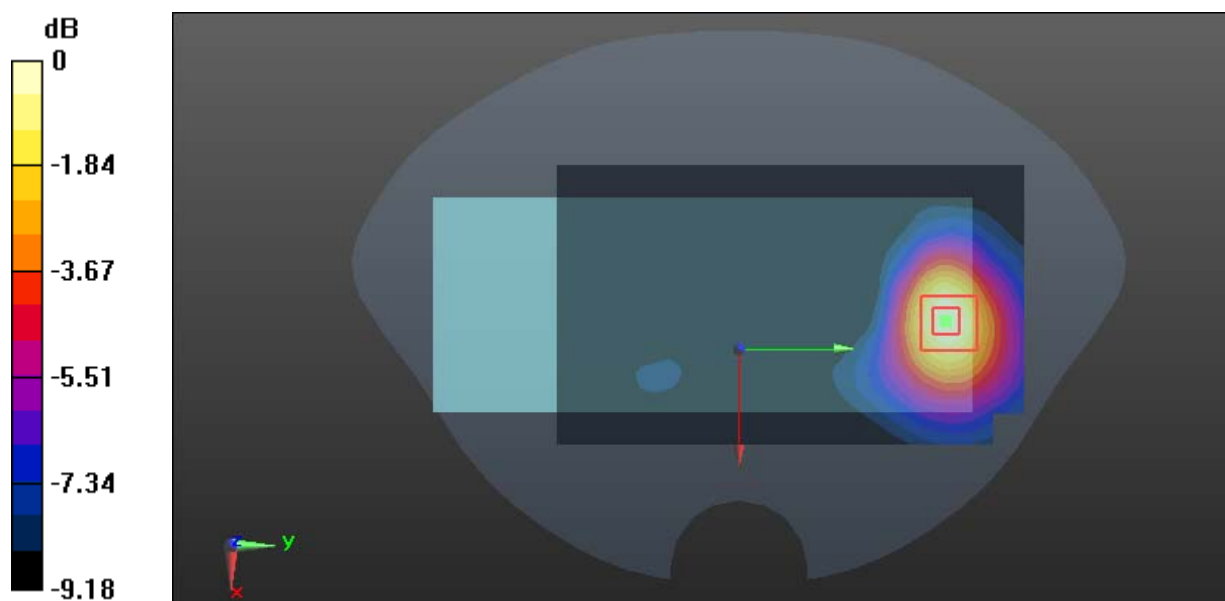
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.363 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.482 W/kg

**SAR(1 g) = 0.266 W/kg; SAR(10 g) = 0.156 W/kg**

Maximum value of SAR (measured) = 0.397 W/kg



0 dB = 0.397 W/kg = -4.01 dBW/kg

**Test Plot 52#: LTE Band 41\_Body Back\_Middle\_50%RB****DUT: TC20 Controller; Type: TC20; Serial: 18120305021**

Communication System: Generic TDD-LTE; Frequency: 2605 MHz; Duty Cycle: 1:1.58125

Medium parameters used:  $f = 2605$  MHz;  $\sigma = 2.14$  S/m;  $\epsilon_r = 52.454$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(7.17, 7.17, 7.17); Calibrated: 2018/12/13;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- Phantom: SAM (30deg probe tilt) with CRP v5.0\_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (91x151x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.329 W/kg

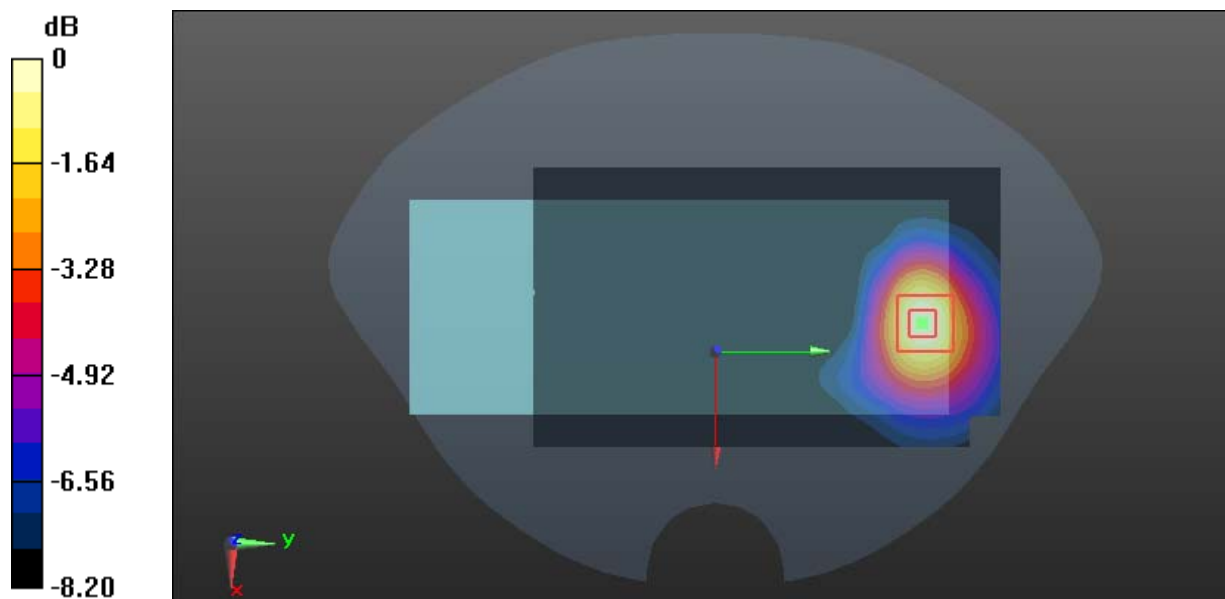
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.422 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.393 W/kg

**SAR(1 g) = 0.220 W/kg; SAR(10 g) = 0.132 W/kg**

Maximum value of SAR (measured) = 0.324 W/kg



0 dB = 0.324 W/kg = -4.89 dBW/kg

**Test Plot 53#: LTE Band 41\_Handheld Back\_Middle\_1RB****DUT: TC20 Controller; Type: TC20; Serial: 18120305021**

Communication System: Generic TDD-LTE; Frequency: 2605 MHz; Duty Cycle: 1:1.58  
Medium parameters used:  $f = 2605$  MHz;  $\sigma = 2.14$  S/m;  $\epsilon_r = 52.454$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(7.17, 7.17, 7.17); Calibrated: 2018/12/13;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- Phantom: SAM (30deg probe tilt) with CRP v5.0\_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (91x151x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.777 W/kg

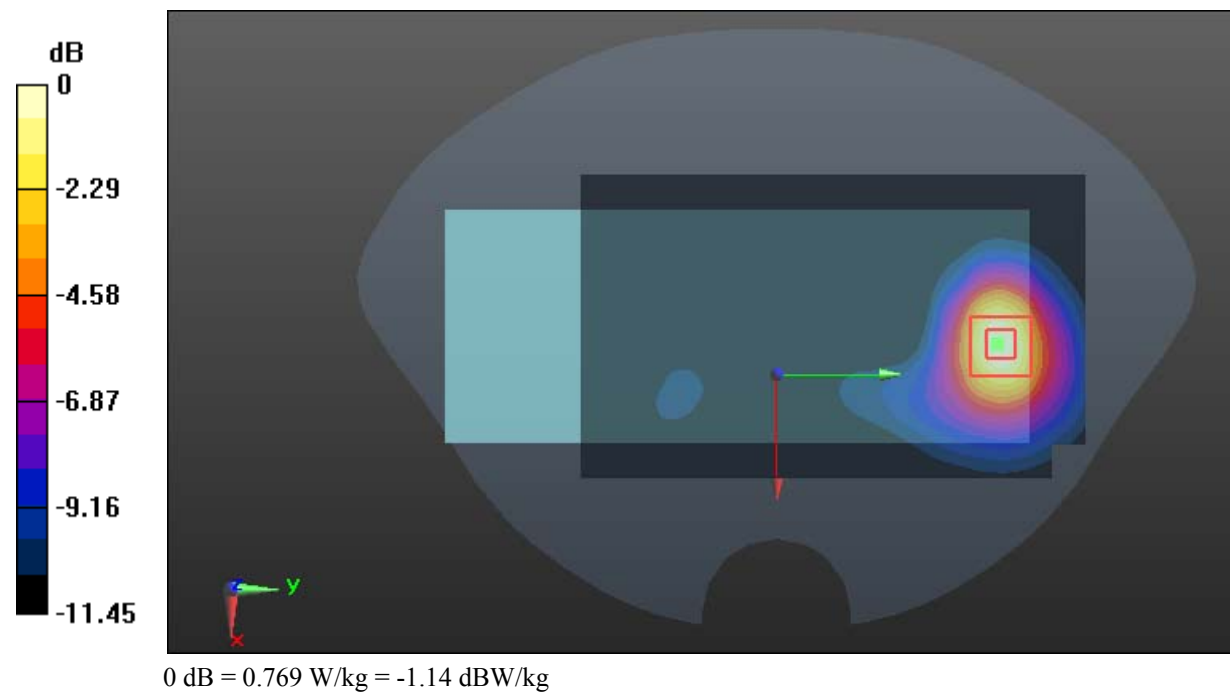
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.503 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.950 W/kg

**SAR(1 g) = 0.485 W/kg; SAR(10 g) = 0.253 W/kg**

Maximum value of SAR (measured) = 0.769 W/kg



**Test Plot 54#: LTE Band 41\_Handheld Back\_Middle\_50%RB****DUT: TC20 Controller; Type: TC20; Serial: 18120305021**

Communication System: Generic TDD-LTE; Frequency: 2605 MHz; Duty Cycle: 1:1.58  
 Medium parameters used:  $f = 2605$  MHz;  $\sigma = 2.14$  S/m;  $\epsilon_r = 52.454$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(7.17, 7.17, 7.17); Calibrated: 2018/12/13;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- Phantom: SAM (30deg probe tilt) with CRP v5.0\_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (91x151x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.639 W/kg

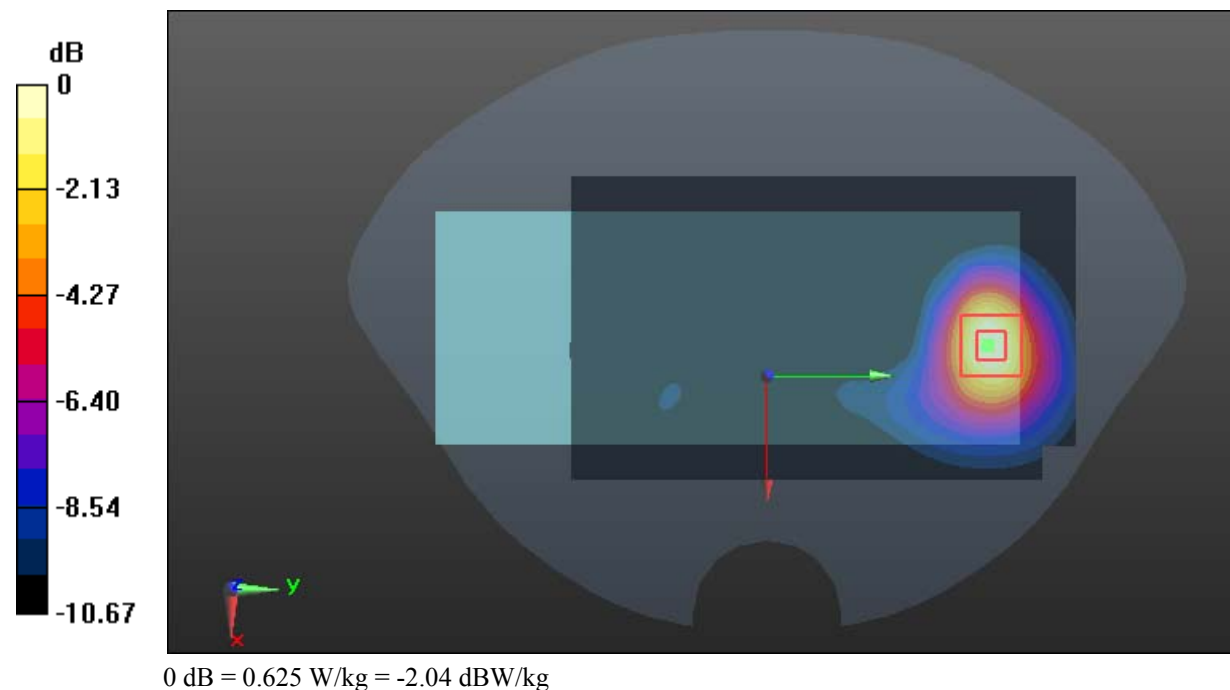
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.323 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.773 W/kg

**SAR(1 g) = 0.396 W/kg; SAR(10 g) = 0.211 W/kg**

Maximum value of SAR (measured) = 0.625 W/kg



**Test Plot 55#: LTE Band 41\_Handheld Left\_Middle\_1RB****DUT: TC20 Controller; Type: TC20; Serial: 18120305021**

Communication System: Generic TDD-LTE; Frequency: 2605 MHz; Duty Cycle: 1:1.58  
 Medium parameters used:  $f = 2605$  MHz;  $\sigma = 2.14$  S/m;  $\epsilon_r = 52.454$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(7.17, 7.17, 7.17); Calibrated: 2018/12/13;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- Phantom: SAM (30deg probe tilt) with CRP v5.0\_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (51x151x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0609 W/kg

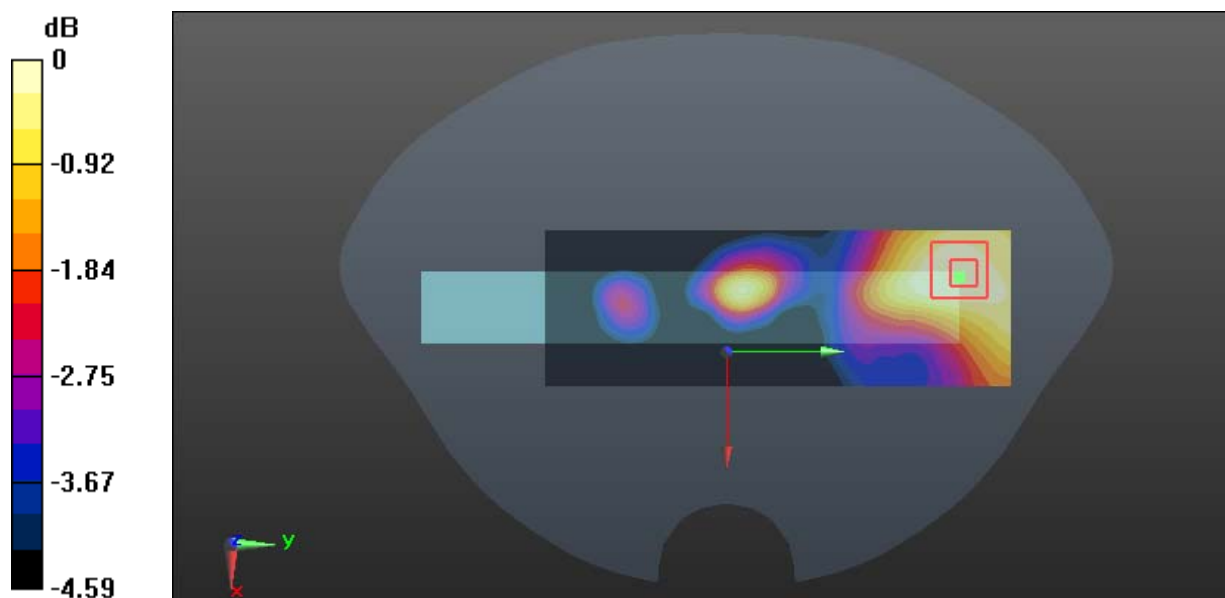
**Zoom Scan (8x7x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.547 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.0670 W/kg

**SAR(1 g) = 0.053 W/kg; SAR(10 g) = 0.048 W/kg**

Maximum value of SAR (measured) = 0.0615 W/kg



0 dB = 0.0615 W/kg = -12.11 dBW/kg

**Test Plot 56#: LTE Band 41\_Handheld Left\_Middle\_50%RB****DUT: TC20 Controller; Type: TC20; Serial: 18120305021**

Communication System: Generic TDD-LTE; Frequency: 2605 MHz; Duty Cycle: 1:1.58  
 Medium parameters used:  $f = 2605$  MHz;  $\sigma = 2.14$  S/m;  $\epsilon_r = 52.454$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(7.17, 7.17, 7.17); Calibrated: 2018/12/13;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- Phantom: SAM (30deg probe tilt) with CRP v5.0\_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (61x161x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0556 W/kg

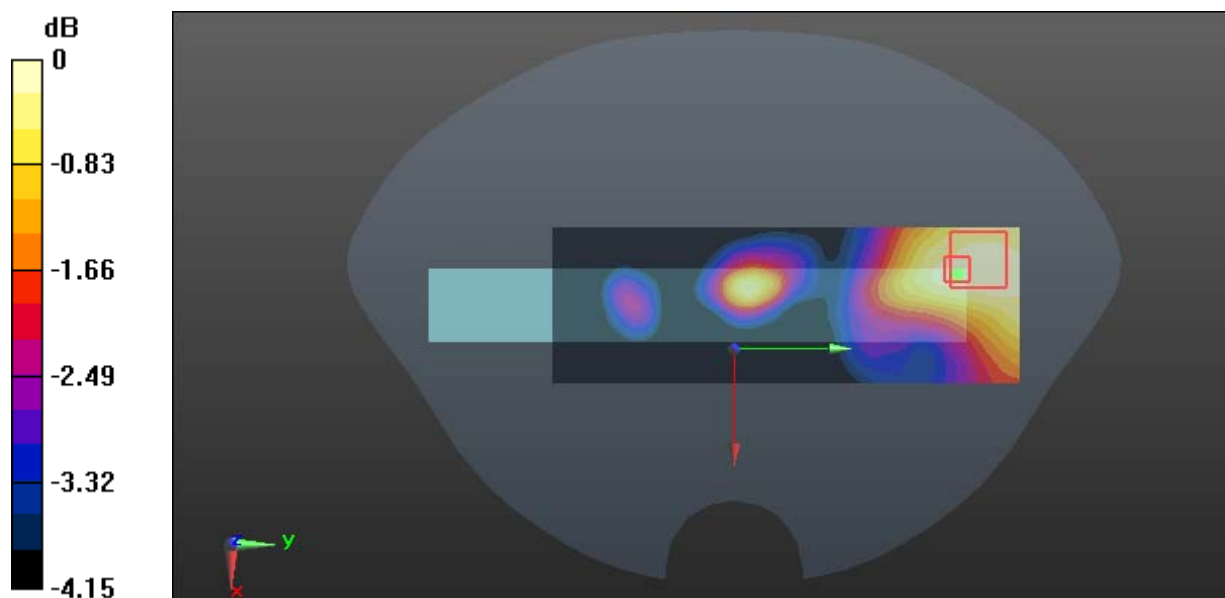
**Zoom Scan (9x7x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.326 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.0590 W/kg

**SAR(1 g) = 0.049 W/kg; SAR(10 g) = 0.045 W/kg**

Maximum value of SAR (measured) = 0.0557 W/kg



0 dB = 0.0557 W/kg = -12.54 dBW/kg



**Test Plot 57#: LTE Band 41\_Handheld Right\_Middle\_1RB****DUT: TC20 Controller; Type: TC20; Serial: 18120305021**

Communication System: Generic TDD-LTE; Frequency: 2605 MHz; Duty Cycle: 1:1.58  
Medium parameters used:  $f = 2605$  MHz;  $\sigma = 2.14$  S/m;  $\epsilon_r = 52.454$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(7.17, 7.17, 7.17); Calibrated: 2018/12/13;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- Phantom: SAM (30deg probe tilt) with CRP v5.0\_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (51x151x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.220 W/kg

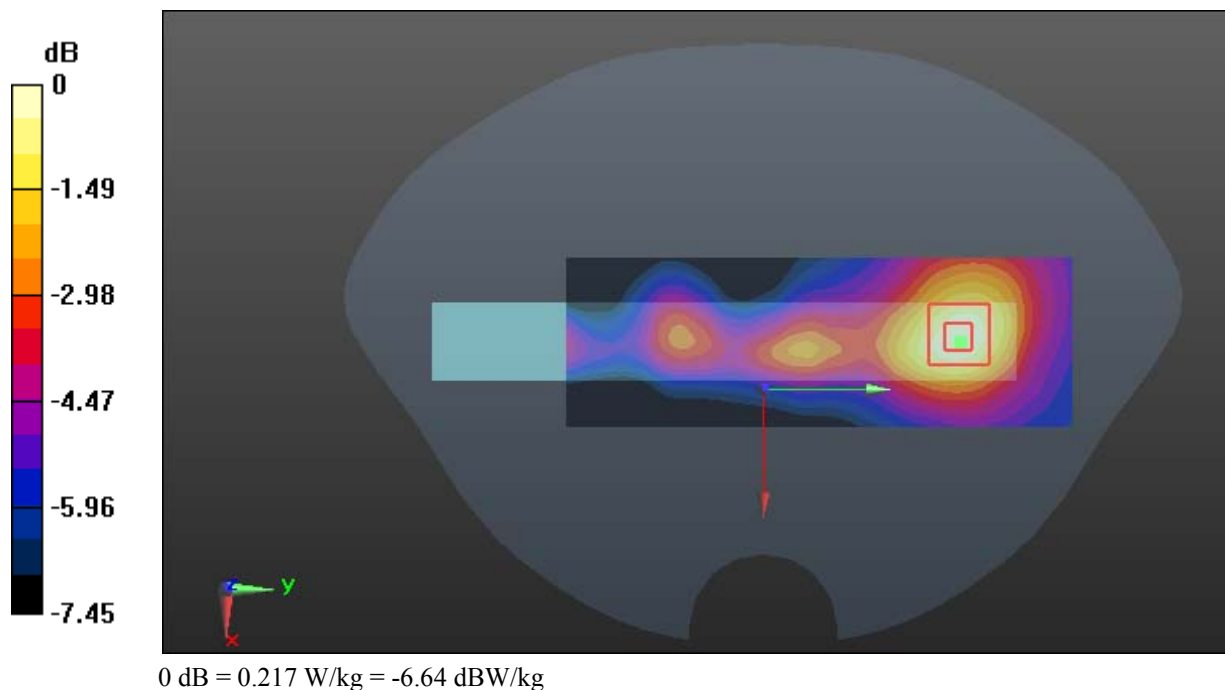
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.077 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.261 W/kg

**SAR(1 g) = 0.152 W/kg; SAR(10 g) = 0.097 W/kg**

Maximum value of SAR (measured) = 0.217 W/kg



**Test Plot 58#: LTE Band 41\_Handheld Right\_Middle\_50%RB****DUT: TC20 Controller; Type: TC20; Serial: 18120305021**

Communication System: Generic TDD-LTE; Frequency: 2605 MHz; Duty Cycle: 1:1.58  
 Medium parameters used:  $f = 2605$  MHz;  $\sigma = 2.14$  S/m;  $\epsilon_r = 52.454$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(7.17, 7.17, 7.17); Calibrated: 2018/12/13;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- Phantom: SAM (30deg probe tilt) with CRP v5.0\_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (51x151x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.181 W/kg

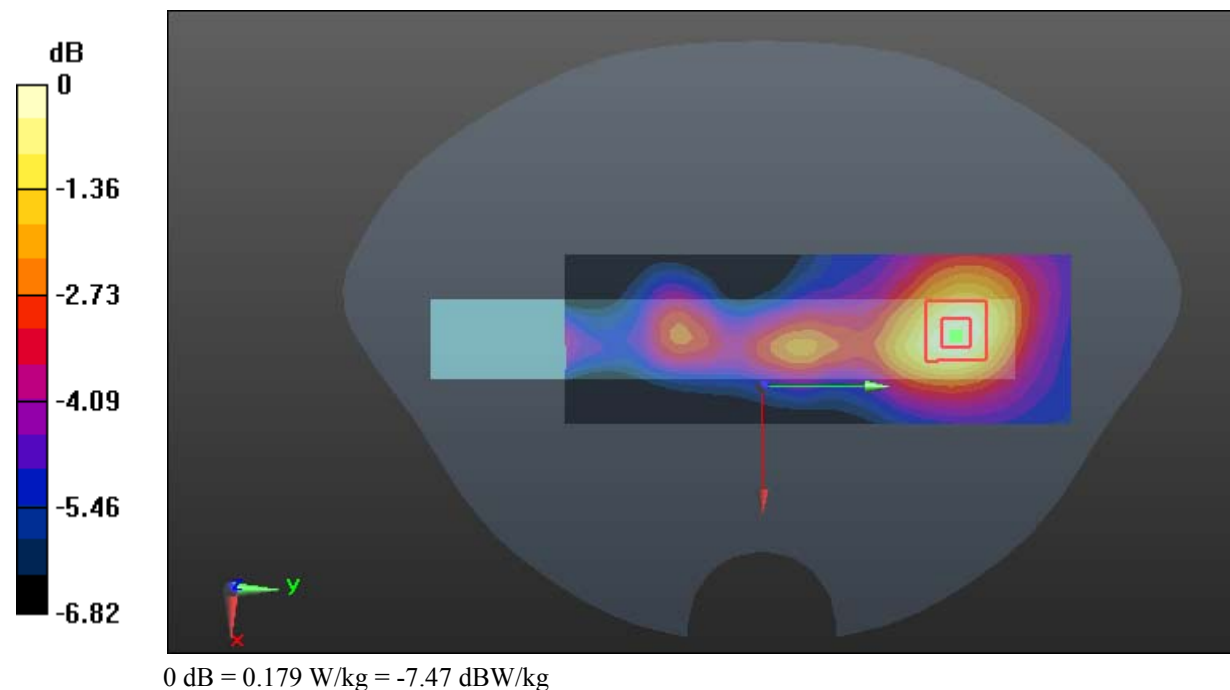
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.770 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.211 W/kg

**SAR(1 g) = 0.126 W/kg; SAR(10 g) = 0.084 W/kg**

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



**Test Plot 59#: LTE Band 41\_Body Bottom\_Middle\_1RB****DUT: TC20 Controller; Type: TC20; Serial: 18120305021**

Communication System: Generic TDD-LTE; Frequency: 2605 MHz; Duty Cycle: 1:1.58  
 Medium parameters used:  $f = 2605$  MHz;  $\sigma = 2.14$  S/m;  $\epsilon_r = 52.454$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(7.17, 7.17, 7.17); Calibrated: 2018/12/13;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- Phantom: SAM (30deg probe tilt) with CRP v5.0\_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (51x91x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.07 W/kg

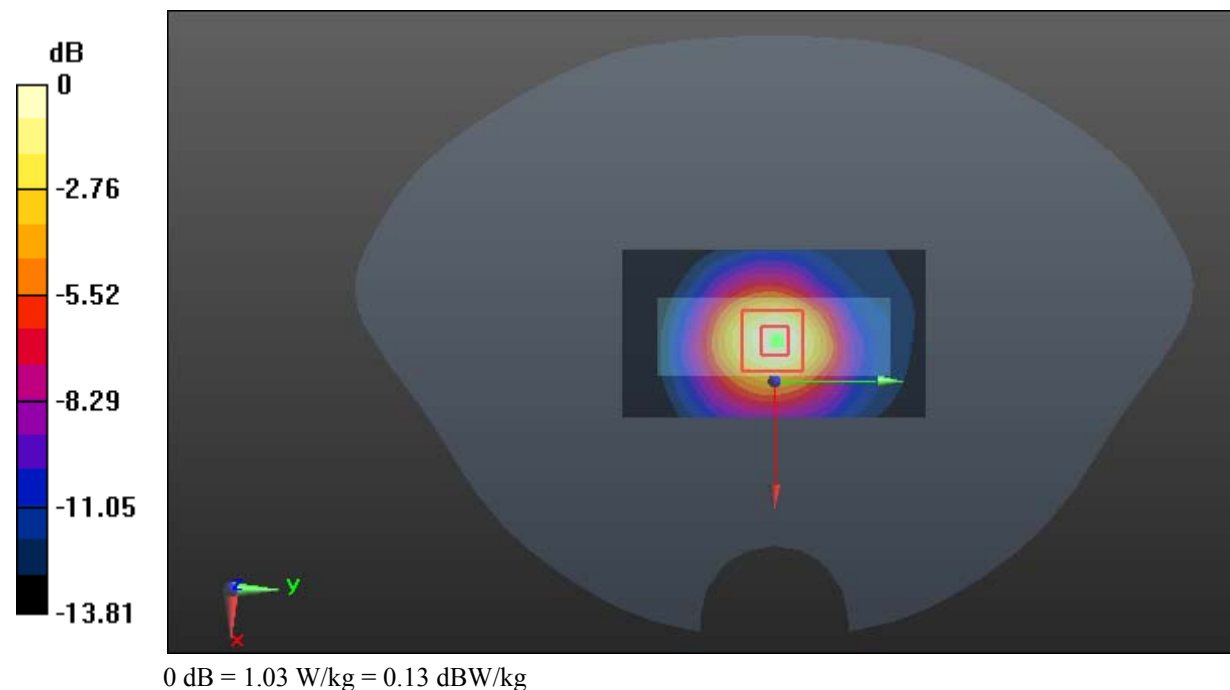
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.68 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.29 W/kg

**SAR(1 g) = 0.636 W/kg; SAR(10 g) = 0.322 W/kg**

Maximum value of SAR (measured) = 1.03 W/kg



**Test Plot 60#: LTE Band 41\_Body Bottom\_Middle\_50%RB****DUT: TC20 Controller; Type: TC20; Serial: 18120305021**

Communication System: Generic TDD-LTE; Frequency: 2605 MHz; Duty Cycle: 1:1.58  
 Medium parameters used:  $f = 2605$  MHz;  $\sigma = 2.14$  S/m;  $\epsilon_r = 52.454$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(7.17, 7.17, 7.17); Calibrated: 2018/12/13;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- Phantom: SAM (30deg probe tilt) with CRP v5.0\_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (51x91x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.777 W/kg

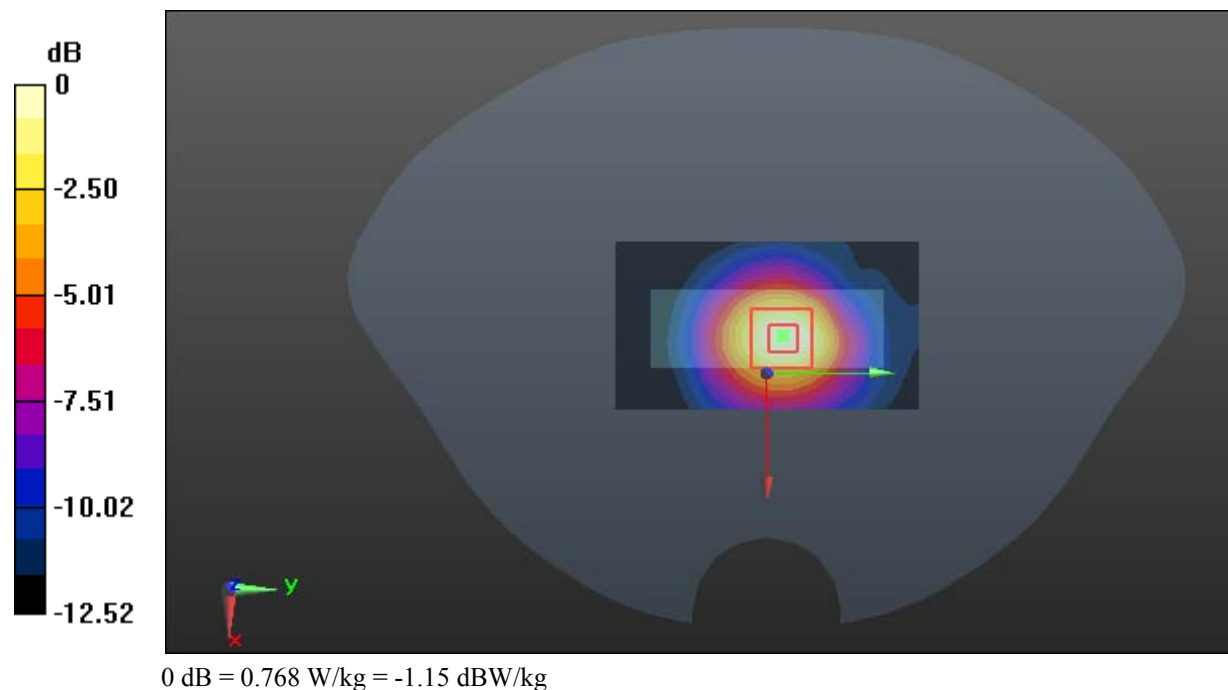
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.43 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.964 W/kg

**SAR(1 g) = 0.481 W/kg; SAR(10 g) = 0.251 W/kg**

Maximum value of SAR (measured) = 0.768 W/kg



**Test Plot 61#: WLAN 2.4G Mode B\_Face Up\_Middle****DUT: TC20 Controller; Type: TC20; Serial: 18120305021**

Communication System: IEEE 802.11b WiFi 2.4 GHz; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.761$  S/m;  $\epsilon_r = 40.076$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(7.49, 7.49, 7.49); Calibrated: 2018/12/13;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- Phantom: SAM (30deg probe tilt) with CRP v5.0\_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (91x101x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0728 W/kg

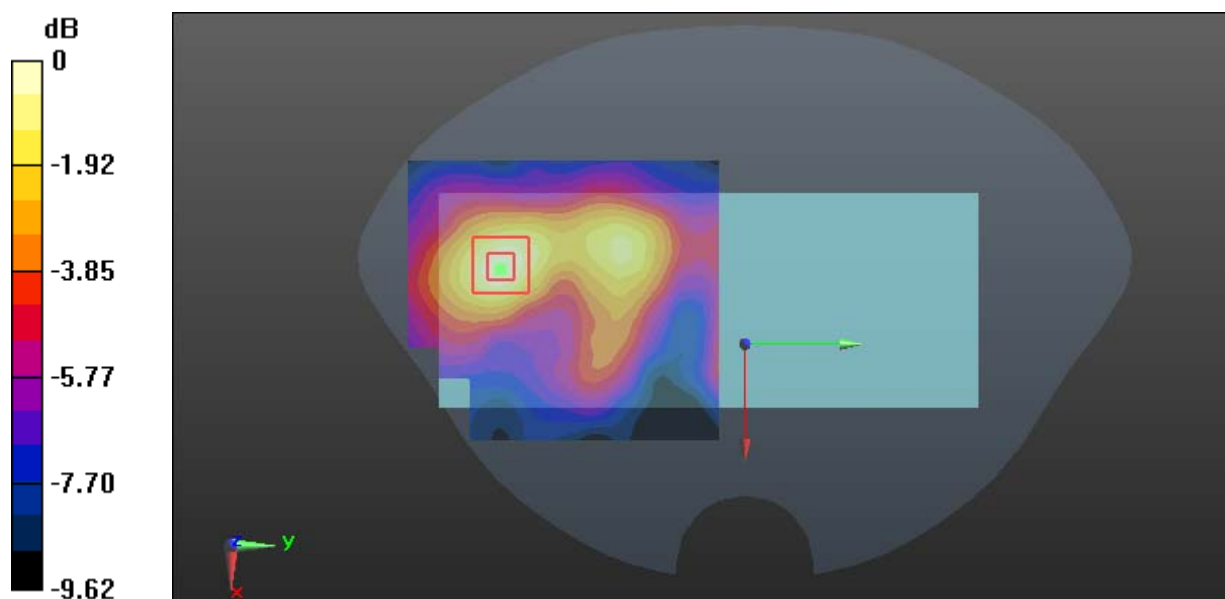
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.790 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.0880 W/kg

**SAR(1 g) = 0.051 W/kg; SAR(10 g) = 0.031 W/kg**

Maximum value of SAR (measured) = 0.0737 W/kg



0 dB = 0.0737 W/kg = -11.33 dBW/kg

**Test Plot 62#: WLAN 2.4G Mode B\_Body Back\_Middle****DUT: TC20 Controller; Type: TC20; Serial: 18120305021**

Communication System: IEEE 802.11b WiFi 2.4 GHz; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.936$  S/m;  $\epsilon_r = 54.258$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(7.43, 7.43, 7.43); Calibrated: 2018/12/13;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- Phantom: SAM (30deg probe tilt) with CRP v5.0\_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (81x191x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0407 W/kg

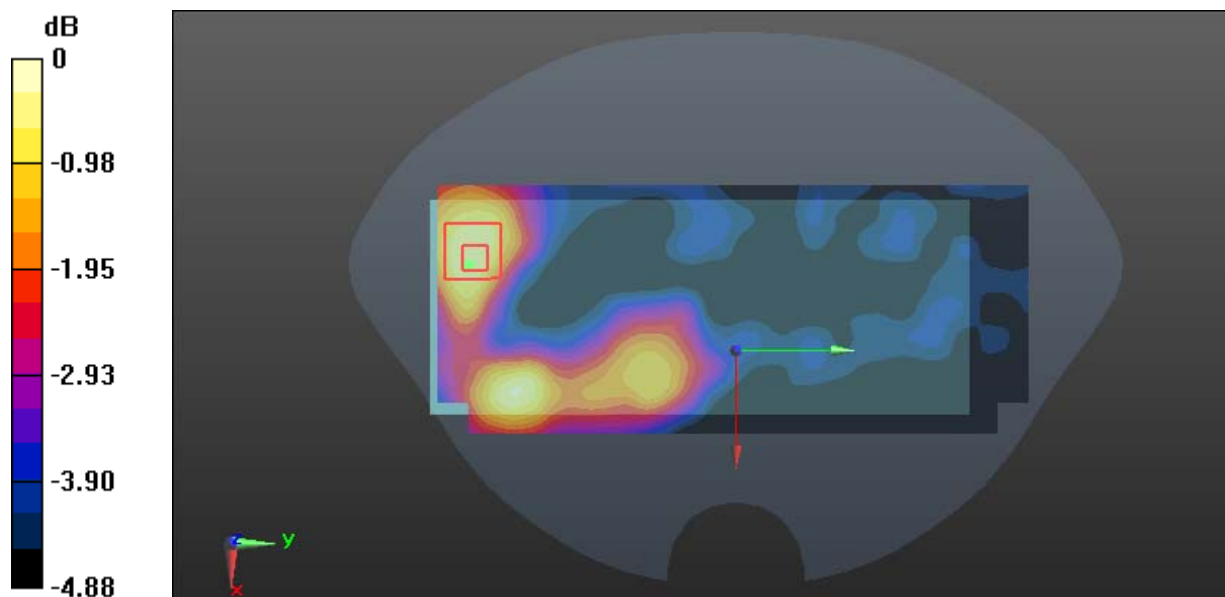
**Zoom Scan (6x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.732 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.0480 W/kg

**SAR(1 g) = 0.036 W/kg; SAR(10 g) = 0.028 W/kg**

Maximum value of SAR (measured) = 0.0434 W/kg



0 dB = 0.0434 W/kg = -13.63 dBW/kg

**Test Plot 63#: WLAN 2.4G Mode B\_Hanheld Back\_Middle****DUT: TC20 Controller; Type: TC20; Serial: 18120305021**

Communication System: IEEE 802.11b WiFi 2.4 GHz; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.936$  S/m;  $\epsilon_r = 54.258$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(7.43, 7.43, 7.43); Calibrated: 2018/12/13;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- Phantom: SAM (30deg probe tilt) with CRP v5.0\_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (81x191x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0874 W/kg

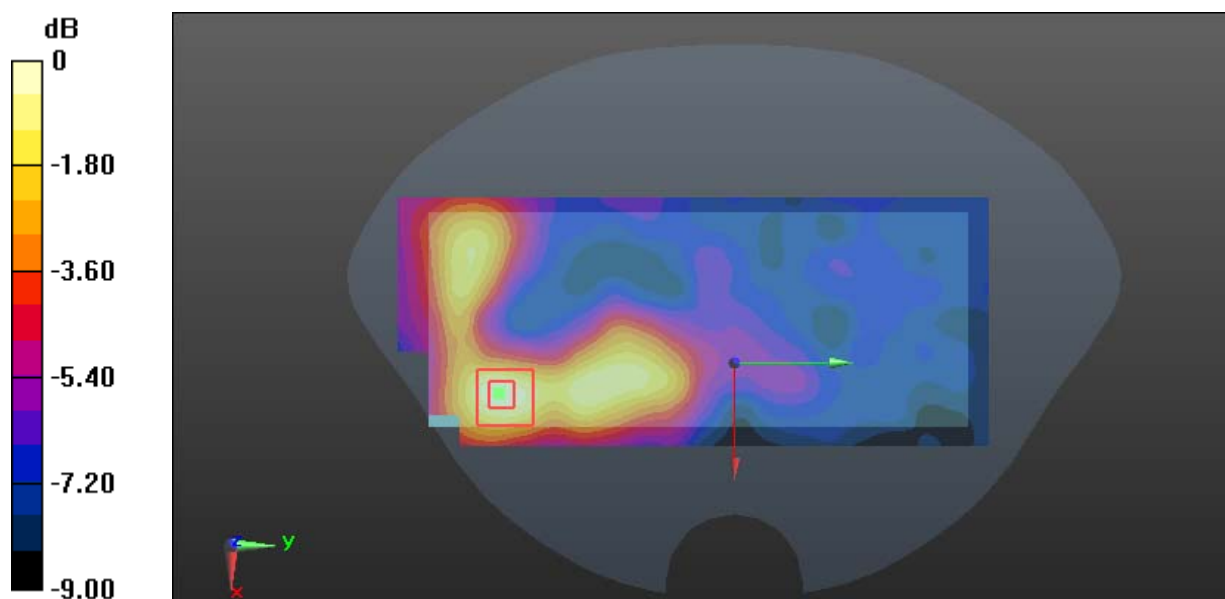
**Zoom Scan (6x8x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.381 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.103 W/kg

**SAR(1 g) = 0.063 W/kg; SAR(10 g) = 0.041 W/kg**

Maximum value of SAR (measured) = 0.0862 W/kg



0 dB = 0.0862 W/kg = -10.64 dBW/kg

**Test Plot 64#: WLAN 2.4G Mode B\_Handheld Right\_Middle****DUT: TC20 Controller; Type: TC20; Serial: 18120305021**

Communication System: IEEE 802.11b WiFi 2.4 GHz; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.936$  S/m;  $\epsilon_r = 54.258$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(7.43, 7.43, 7.43); Calibrated: 2018/12/13;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- Phantom: SAM (30deg probe tilt) with CRP v5.0\_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (51x181x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0709 W/kg

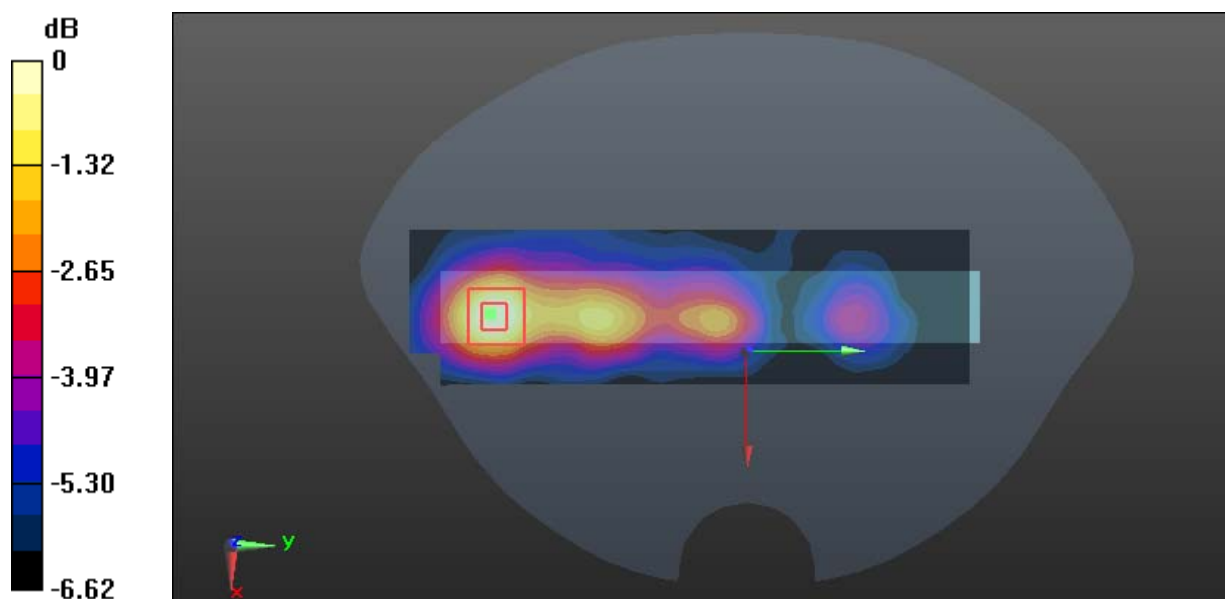
**Zoom Scan (7x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.702 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.0810 W/kg

**SAR(1 g) = 0.051 W/kg; SAR(10 g) = 0.034 W/kg**

Maximum value of SAR (measured) = 0.0686 W/kg



0 dB = 0.0686 W/kg = -11.64 dBW/kg



**Test Plot 65#: WLAN 2.4G Mode B\_Handheld Top\_Middle****DUT: TC20 Controller; Type: TC20; Serial: 18120305021**

Communication System: IEEE 802.11b WiFi 2.4 GHz; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.936$  S/m;  $\epsilon_r = 54.258$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(7.43, 7.43, 7.43); Calibrated: 2018/12/13;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- Phantom: SAM (30deg probe tilt) with CRP v5.0\_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.8 (8);

**Area Scan (61x91x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0571 W/kg

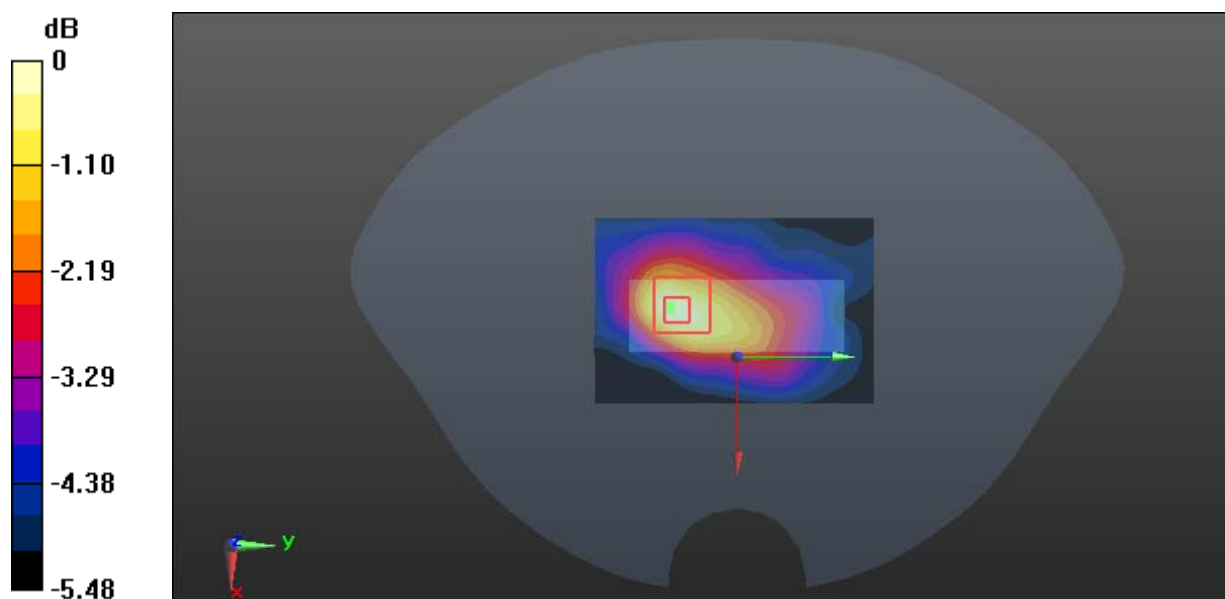
**Zoom Scan (5x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.128 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.0690 W/kg

**SAR(1 g) = 0.043 W/kg; SAR(10 g) = 0.031 W/kg**

Maximum value of SAR (measured) = 0.0574 W/kg



0 dB = 0.0574 W/kg = -12.41 dBW/kg