

**DUT: DIGITAL PORTABLE RADIO; Type: PH700 U(1);**

Communication System: Digital Radio frequency; Frequency: 400.0125 MHz; Duty Cycle: 1:2

Medium parameters used:  $f = 400.0125$  MHz;  $\sigma = 0.88$  mho/m;  $\epsilon_r = 43.57$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

**DASY4 Configuration:**

- Probe: EX3DV4 – SN7441; ConvF(10.98, 10.98, 10.98); Calibrated: 15/11/2016
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE – SN772; Calibrated: 25/10/2016
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: TP-2051
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

**D400.0125-face up/Area Scan (121x181x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 2.51 mW/g

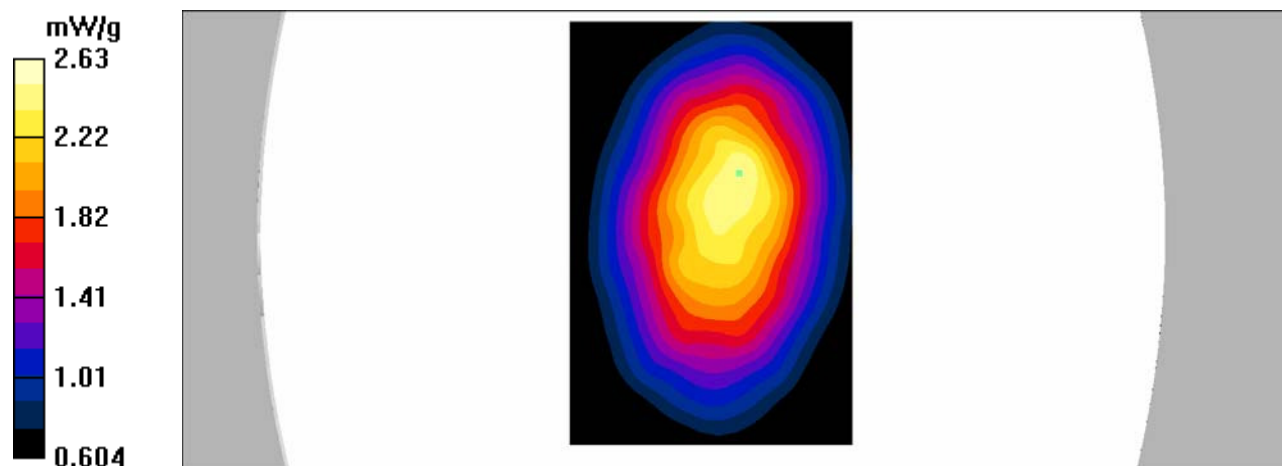
**D400.0125-face up/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 52.8 V/m; Power Drift = 0.067 dB

Peak SAR (extrapolated) = 3.24 W/kg

**SAR(1 g) = 2.48 mW/g; SAR(10 g) = 1.9 mW/g**

Maximum value of SAR (measured) = 2.63 mW/g



**DUT: DIGITAL PORTABLE RADIO; Type: PH700 U(1);**

Communication System: Digital Radio frequency; Frequency: 400.0125 MHz; Duty Cycle: 1:2

Medium parameters used:  $f = 400.0125$  MHz;  $\sigma = 0.95$  mho/m;  $\epsilon_r = 56.81$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

**DASY4 Configuration:**

- Probe: EX3DV4 – SN7441; ConvF(12.08, 12.08, 12.08); Calibrated: 15/11/2016
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE – SN772; Calibrated: 25/10/2016
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: TP-2051
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

**D400.0125-back/Area Scan (121x181x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 4.59 mW/g

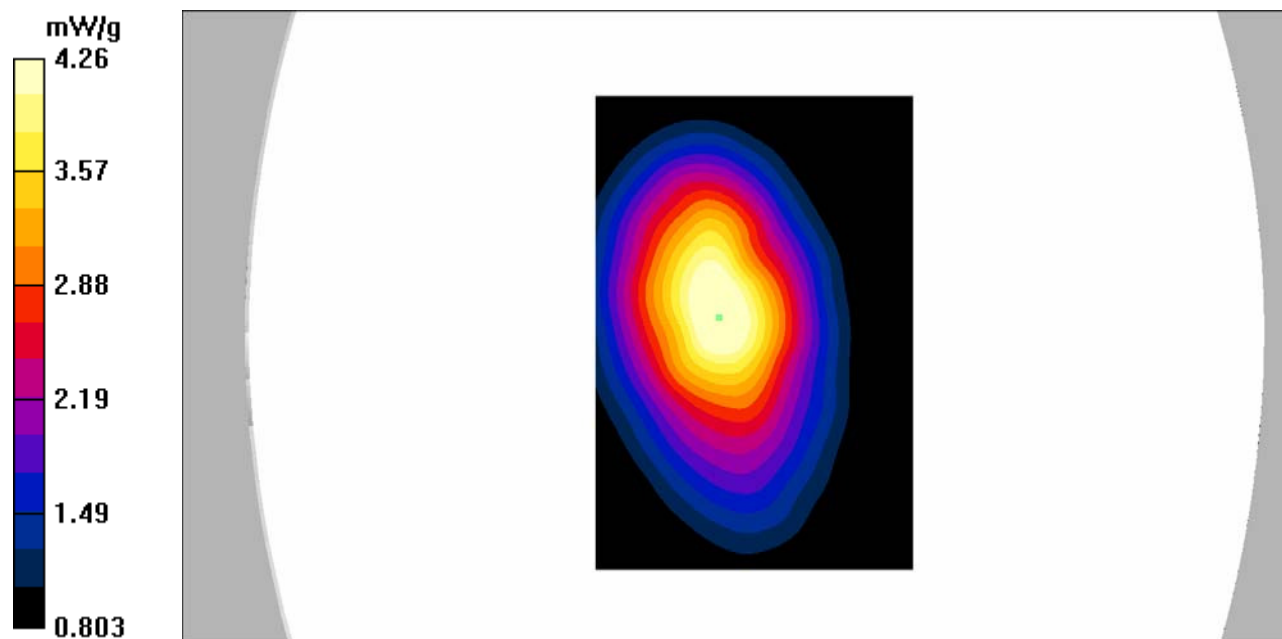
**D400.0125-back/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 65.7 V/m; Power Drift = -0.105 dB

Peak SAR (extrapolated) = 5.23 W/kg

**SAR(1 g) = 4.06 mW/g; SAR(10 g) = 3.16 mW/g**

Maximum value of SAR (measured) = 4.26 mW/g



**DUT: DIGITAL PORTABLE RADIO; Type: PH700 U(1);**

Communication System: Analog Radio frequency; Frequency: 400.0125 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 400.0125$  MHz;  $\sigma = 0.88$  mho/m;  $\epsilon_r = 43.57$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

**DASY4 Configuration:**

- Probe: EX3DV4 – SN7441; ConvF(10.98, 10.98, 10.98); Calibrated: 15/11/2016
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE – SN772; Calibrated: 25/10/2016
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: TP-2051
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

**A400.0125-face up/Area Scan (121x181x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 5.14 mW/g

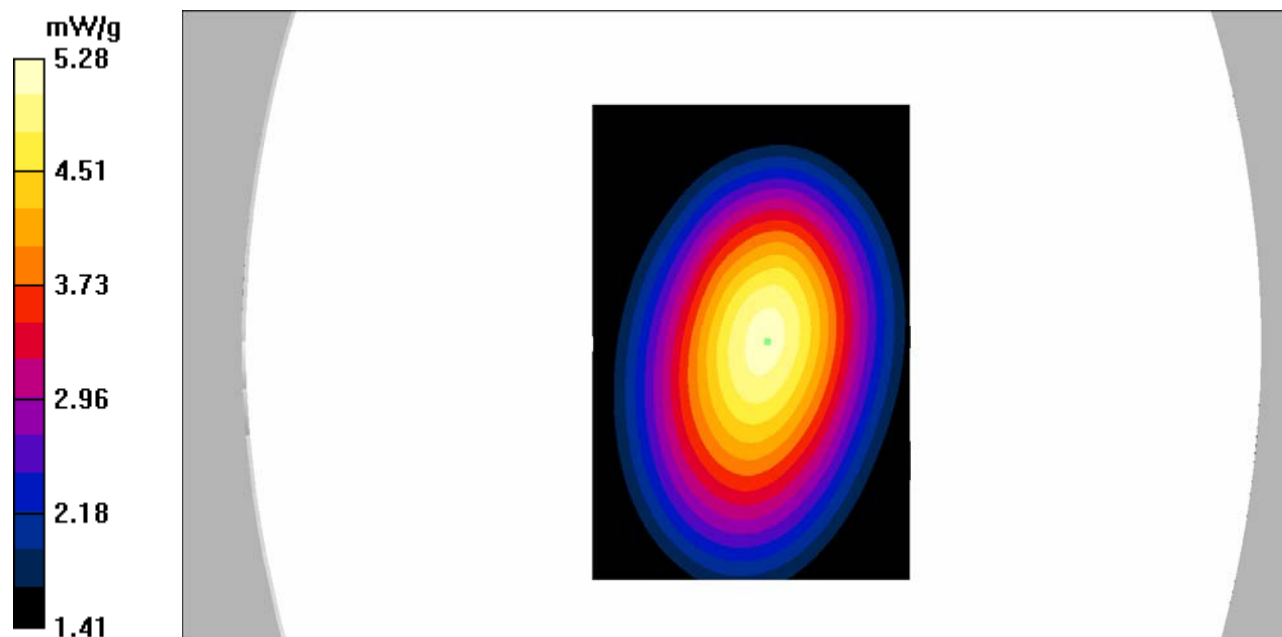
**A400.0125-face up/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 76.3 V/m; Power Drift = 0.044 dB

Peak SAR (extrapolated) = 6.49 W/kg

**SAR(1 g) = 5.09 mW/g; SAR(10 g) = 4.01 mW/g**

Maximum value of SAR (measured) = 5.28 mW/g



**DUT: DIGITAL PORTABLE RADIO; Type: PH700 U(1);**

Communication System: Analog Radio frequency; Frequency: 400.0125 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 400.0125$  MHz;  $\sigma = 0.95$  mho/m;  $\epsilon_r = 56.81$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

**DASY4 Configuration:**

- Probe: EX3DV4 – SN7441; ConvF(12.08, 12.08, 12.08); Calibrated: 15/11/2016
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE – SN772; Calibrated: 25/10/2016
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: TP-2051
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

**A400.0125-back/Area Scan (121x181x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 9.62 mW/g

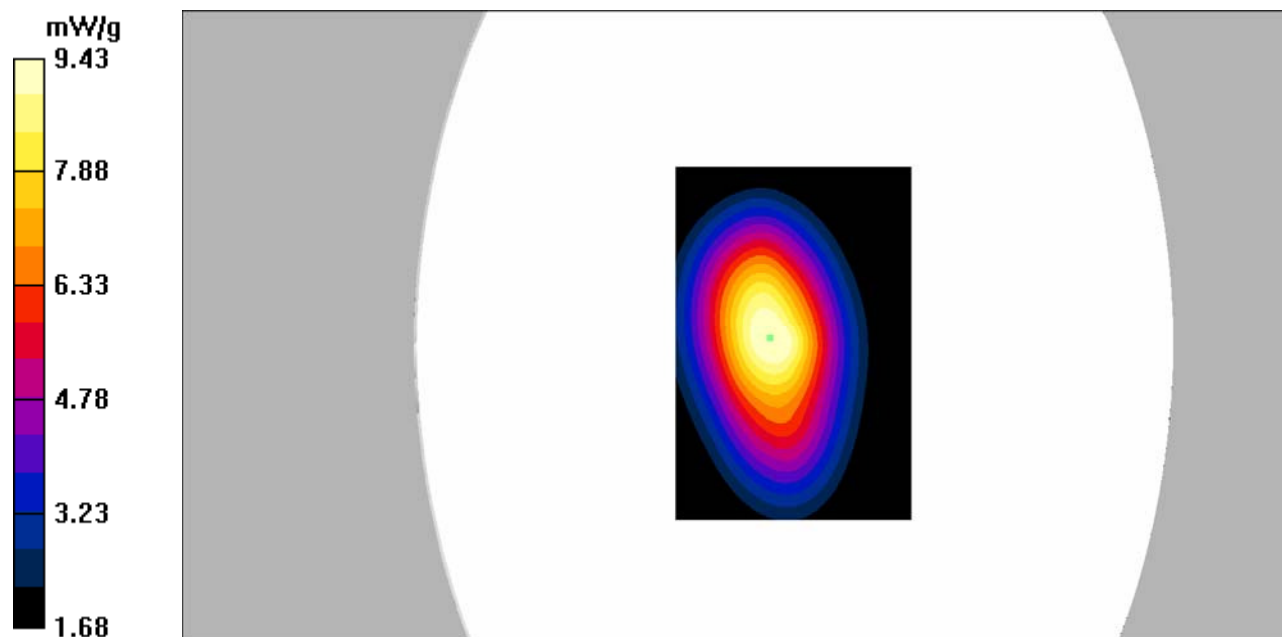
**A400.0125-back/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 97.2 V/m; Power Drift = -0.040 dB

Peak SAR (extrapolated) = 12.3 W/kg

**SAR(1 g) = 9.08 mW/g; SAR(10 g) = 6.87 mW/g**

Maximum value of SAR (measured) = 9.43 mW/g



**DUT: DIGITAL PORTABLE RADIO; Type: PH700 U(1);**

Communication System: Analog Radio frequency; Frequency: 418.0125 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 418.0125$  MHz;  $\sigma = 0.96$  mho/m;  $\epsilon_r = 56.84$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

**DASY4 Configuration:**

- Probe: EX3DV4 – SN7441; ConvF(12.08, 12.08, 12.08); Calibrated: 15/11/2016
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE – SN772; Calibrated: 25/10/2016
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: TP-2051
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

**A418.0125-back/Area Scan (121x181x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 7.53 mW/g

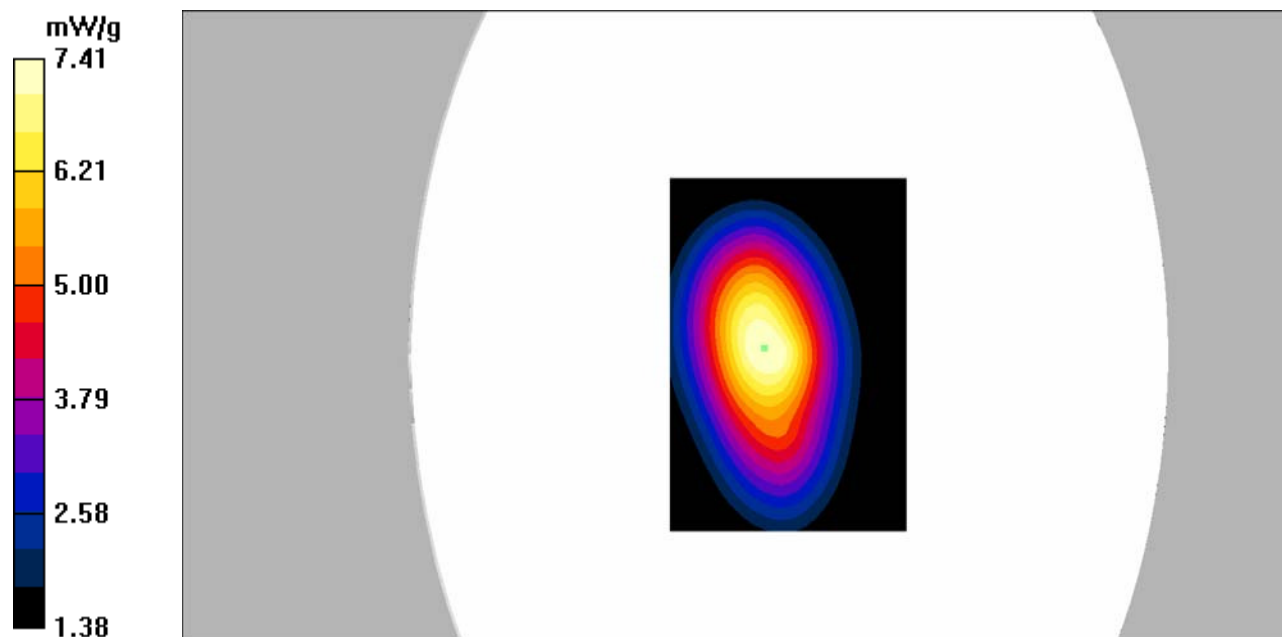
**A418.0125-back/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 87.0 V/m; Power Drift = -0.103 dB

Peak SAR (extrapolated) = 9.87 W/kg

**SAR(1 g) = 7.18 mW/g; SAR(10 g) = 5.4 mW/g**

Maximum value of SAR (measured) = 7.41 mW/g



**DUT: DIGITAL PORTABLE RADIO; Type: PH700 U(1);**

Communication System: Analog Radio frequency; Frequency: 435.0125 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 435.0125$  MHz;  $\sigma = 0.97$  mho/m;  $\epsilon_r = 56.87$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

**DASY4 Configuration:**

- Probe: EX3DV4 – SN7441; ConvF(12.08, 12.08, 12.08); Calibrated: 15/11/2016
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE – SN772; Calibrated: 25/10/2016
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: TP-2051
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

**A435.0125-back/Area Scan (121x181x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 5.88 mW/g

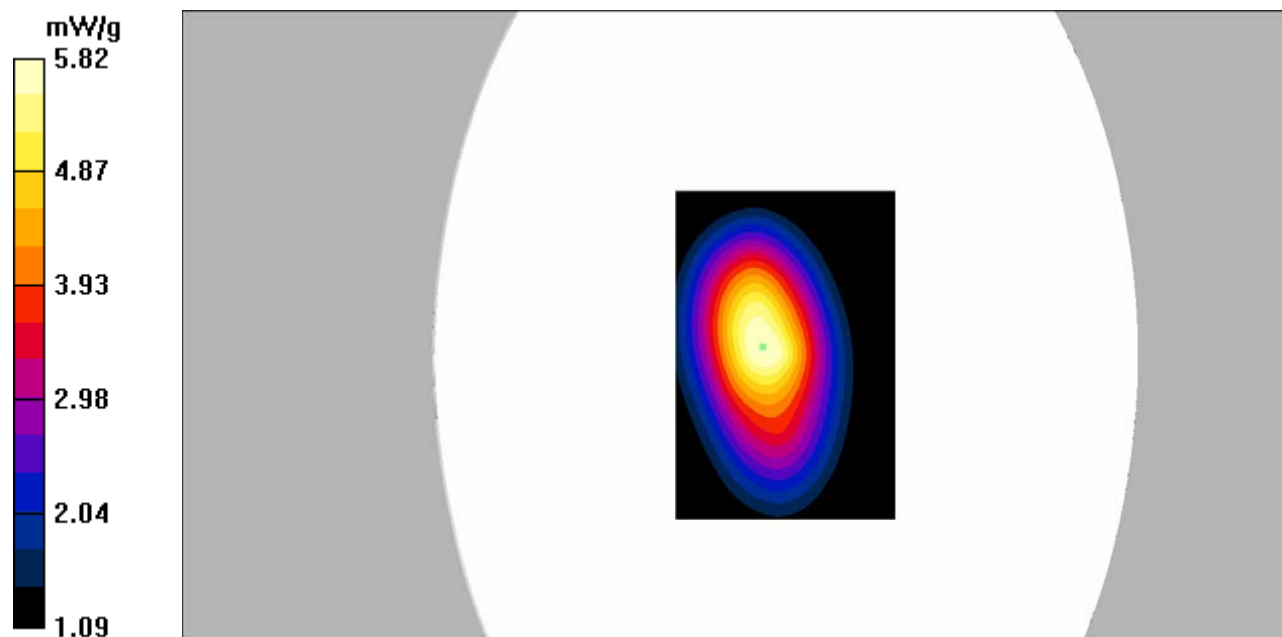
**A435.0125-back/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 75.0 V/m; Power Drift = -0.018 dB

Peak SAR (extrapolated) = 7.84 W/kg

**SAR(1 g) = 5.59 mW/g; SAR(10 g) = 4.17 mW/g**

Maximum value of SAR (measured) = 5.82 mW/g



**DUT: DIGITAL PORTABLE RADIO; Type: PH700 U(1);**

Communication System: Analog Radio frequency; Frequency: 452.0125 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 452.0125$  MHz;  $\sigma = 0.95$  mho/m;  $\epsilon_r = 57.12$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

**DASY4 Configuration:**

- Probe: EX3DV4 – SN7441; ConvF(12.08, 12.08, 12.08); Calibrated: 15/11/2016
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE – SN772; Calibrated: 25/10/2016
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: TP-2051
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

**A452.0125-back/Area Scan (121x181x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 5.40 mW/g

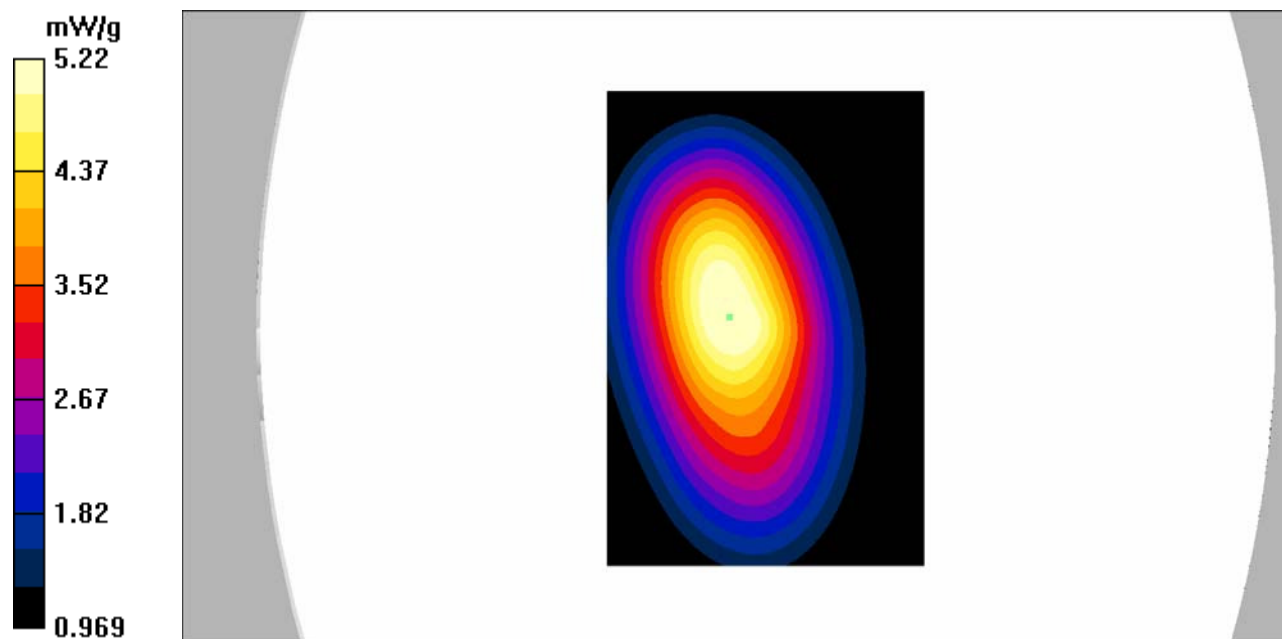
**A452.0125-back/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 73.1 V/m; Power Drift = -0.112 dB

Peak SAR (extrapolated) = 7.55 W/kg

**SAR(1 g) = 5.04 mW/g; SAR(10 g) = 3.83 mW/g**

Maximum value of SAR (measured) = 5.22 mW/g



**DUT: DIGITAL PORTABLE RADIO; Type: PH700 U(1);**

Communication System: Analog Radio frequency; Frequency: 469.9875 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 469.9875 \text{ MHz}$ ;  $\sigma = 0.97 \text{ mho/m}$ ;  $\epsilon_r = 57.27$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

**DASY4 Configuration:**

- Probe: EX3DV4 – SN7441; ConvF(12.08, 12.08, 12.08); Calibrated: 15/11/2016
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE – SN772; Calibrated: 25/10/2016
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: TP-2051
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

**A469.9875-back/Area Scan (121x181x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$

Maximum value of SAR (interpolated) = 5.44 mW/g

**A469.9875-back/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 76.1 V/m; Power Drift = -0.122 dB

Peak SAR (extrapolated) = 7.67 W/kg

**SAR(1 g) = 5.17 mW/g; SAR(10 g) = 3.86 mW/g**

Maximum value of SAR (measured) = 5.49 mW/g

