

DUT: Digital Portable Radio; Type: PD982 VHF;

Communication System: VHF; Frequency: 155.01 MHz; Duty Cycle: 1:2

Medium parameters used: $f = 155.01$ MHz; $\sigma = 0.78$ S/m; $\epsilon_r = 52.69$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 – SN7441; ConvF(13.25, 13.25, 13.25); 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

D155.01-face up(2.5cm) /Area Scan (121x181x1): Measurement grid: dx=10mm, dy=10mm

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

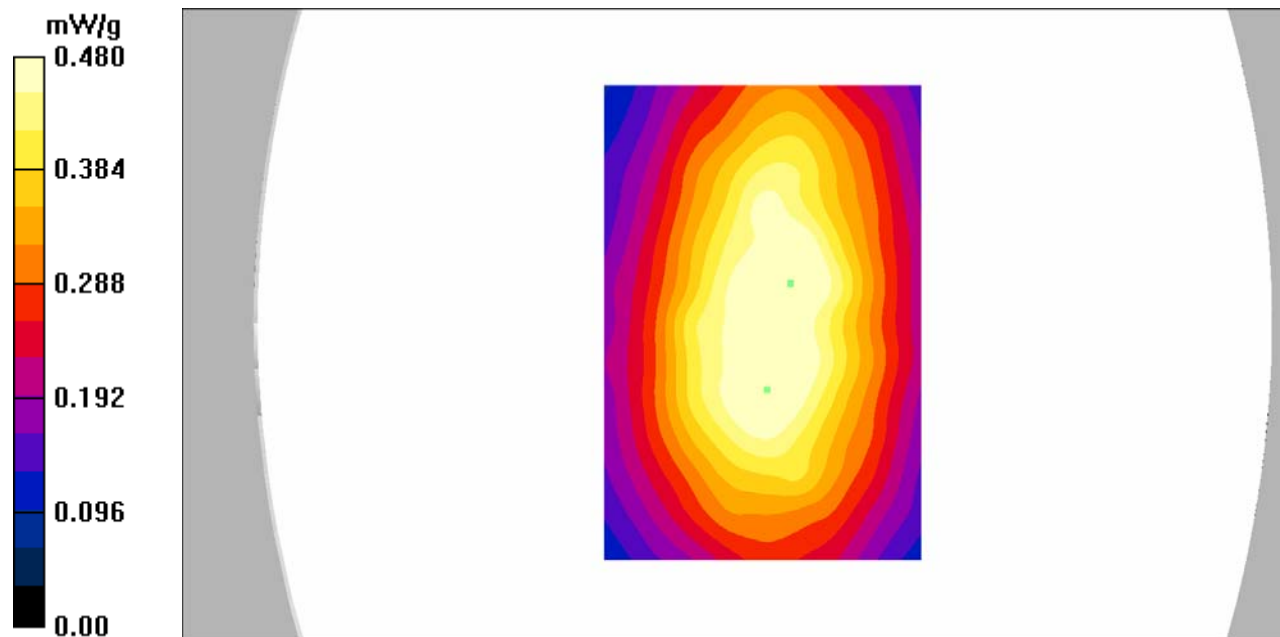
D155.01-face up(2.5cm)/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 27.1 V/m; Power Drift = 0.083 dB

Peak SAR (extrapolated) = 1.16 W/kg

SAR(1 g) = 0.638 mW/g; SAR(10 g) = 0.353 mW/g

Maximum value of SAR (measured) = 0.480 mW/g



DUT: Digital Portable Radio; Type: PD982 VHF;

Communication System: VHF; Frequency: 155.01 MHz; Duty Cycle: 1:2

Medium parameters used: $f = 155.01$ MHz; $\sigma = 0.83$ S/m; $\epsilon_r = 62.18$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

-Probe: EX3DV4 – SN7441; ConvF(12.58, 12.58, 12.58); 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

D155.01-back/Area Scan (121x181x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.585 mW/g

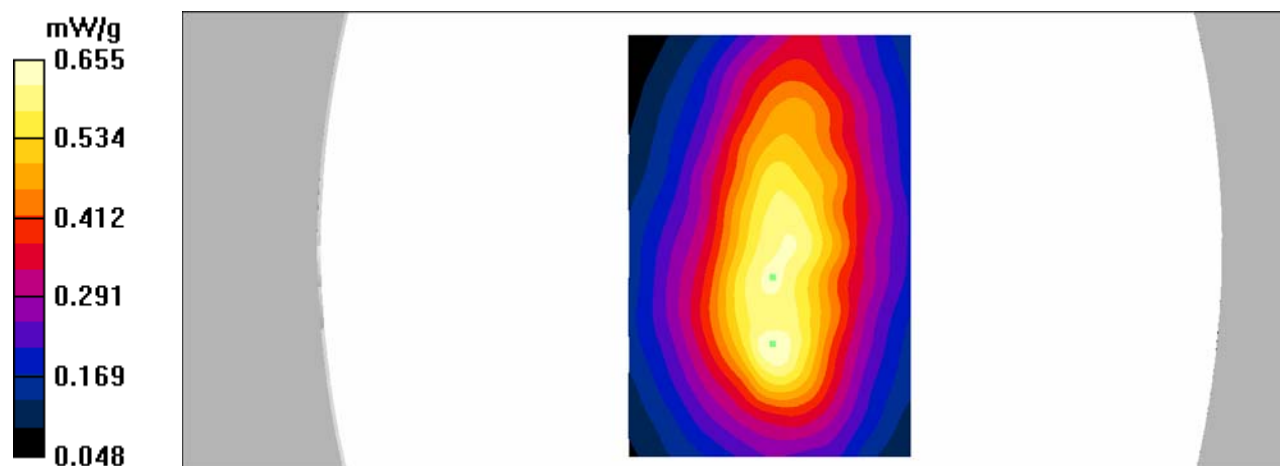
D155.01-back/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 28.5 V/m; Power Drift = -0.152 dB

Peak SAR (extrapolated) = 0.953 W/kg

SAR(1 g) = 0.557 mW/g; SAR(10 g) = 0.416 mW/g

Maximum value of SAR (measured) = 0.655 mW/g



DUT: Digital Portable Radio; Type: PD982 VHF;

Communication System: VHF; Frequency: 155.01 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 155.01$ MHz; $\sigma = 0.78$ S/m; $\epsilon_r = 52.69$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

-Probe: EX3DV4 – SN7441; ConvF(13.25, 13.25, 13.25); 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

A12.5-155.01-face up(2.5cm)/Area Scan (121x181x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (interpolated) = 0.885 mW/g

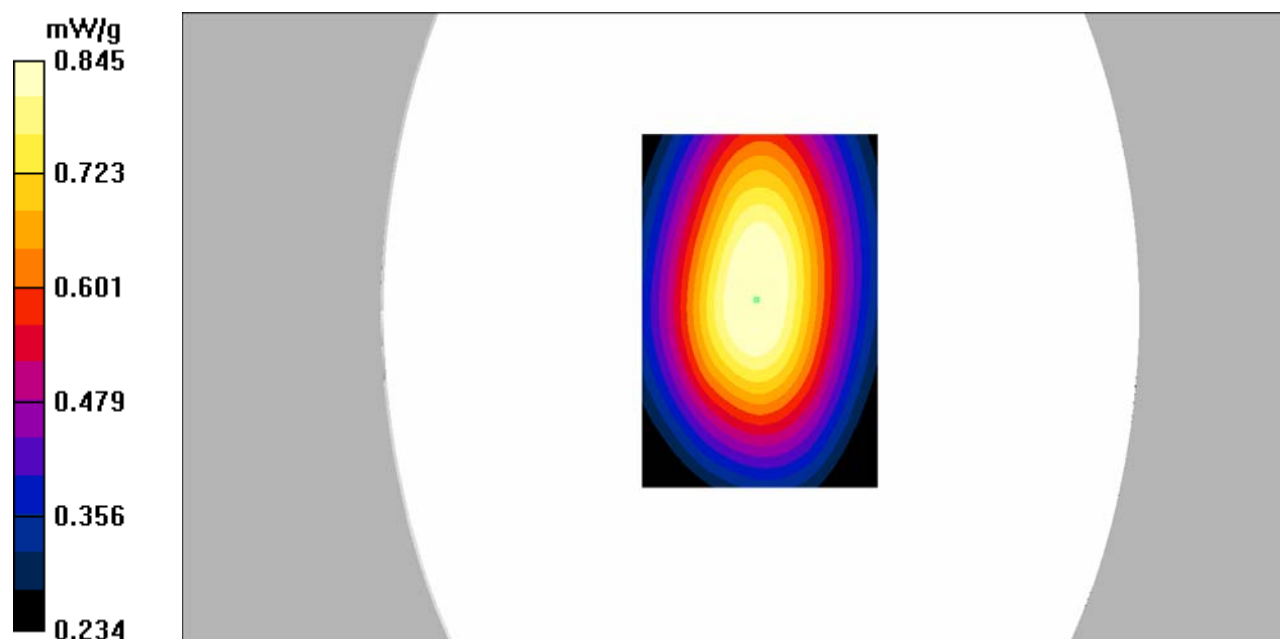
A12.5-A155.01-face up(2.5cm)/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 34.5 V/m; Power Drift = -0.113 dB

Peak SAR (extrapolated) = 1.03 W/kg

SAR(1 g) = 0.815 mW/g; SAR(10 g) = 0.653 mW/g

Maximum value of SAR (measured) = 0.845 mW/g



DUT: Digital Portable Radio; Type: PD982 VHF;

Communication System: VHF; Frequency: 155.01 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 155.01$ MHz; $\sigma = 0.83$ S/m; $\epsilon_r = 62.18$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

-Probe: EX3DV4 – SN7441; ConvF(12.58, 12.58, 12.58); 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

A12.5-155.01-back/Area Scan (121x181x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.21 mW/g

A12.5-155.01-back/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 44.6 V/m; Power Drift = -0.138 dB

Peak SAR (extrapolated) = 1.49 W/kg

SAR(1 g) = 1 mW/g; SAR(10 g) = 0.748 mW/g

Maximum value of SAR (measured) = 1.18 mW/g

