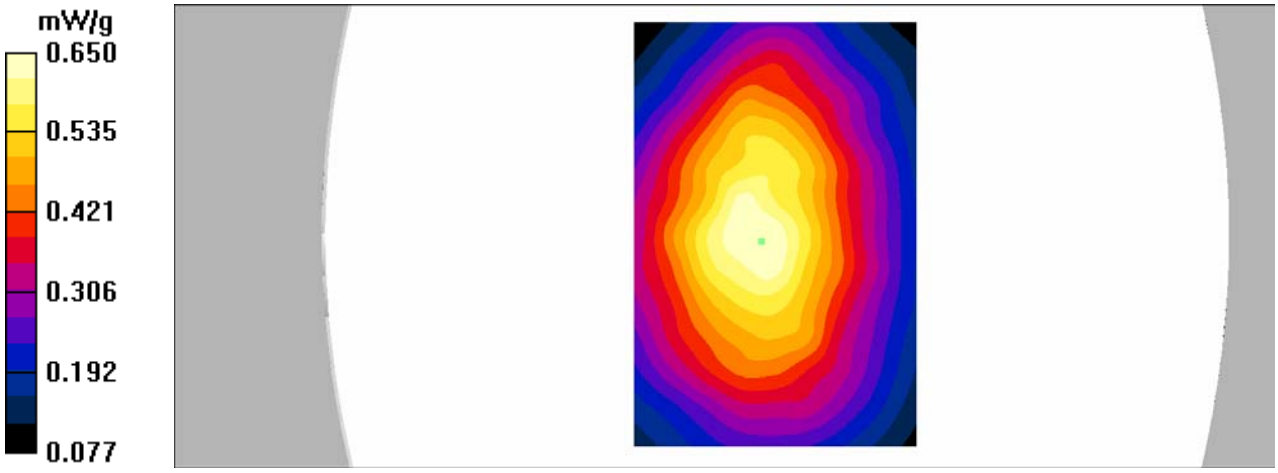
DUT: Digital Portable Radio; Type: BD612 VHF;

Communication System: VHF; Frequency: 143.01 MHz;Duty Cycle: 1:2
Medium parameters used: f = 143.01 MHz; σ = 0.78 S/m; εr = 52.47; ρ = 1000 kg/m^3
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

D143.01-face up(2.5cm) /Area Scan (121x181x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.650 mW/g

D143.01-face up(2.5cm)/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 27.8 V/m; Power Drift = 0.113 dB
Peak SAR (extrapolated) = 0.872W/kg
SAR(1 g) = 0.612 mW/g; SAR(10 g) = 0.489 mW/g
Maximum value of SAR (measured) = 0.650 mW/g



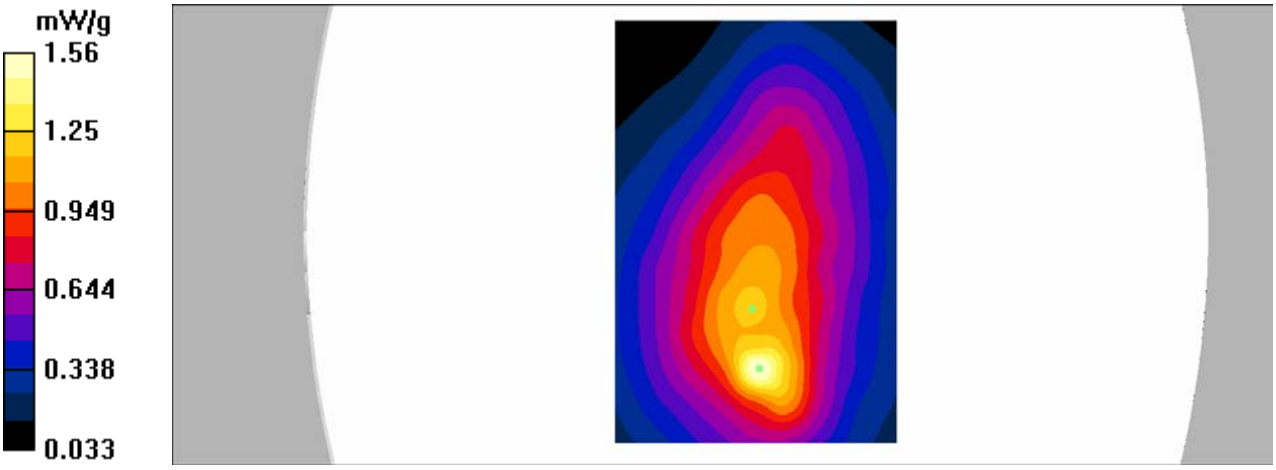
DUT: Digital Portable Radio; Type: BD612 VHF;

Communication System: VHF; Frequency: 143.01 MHz;Duty Cycle: 1:2
Medium parameters used: f = 143.01 MHz; σ = 0.82 S/m; εr = 61.85; ρ = 1000 kg/m^3
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

D143.01-back/Area Scan (121x181x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.56 mW/g

D143.01-back/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 35.7 V/m; Power Drift = 0.052 dB
Peak SAR (extrapolated) = 2.91 W/kg
SAR(1 g) = 1.45 mW/g; SAR(10 g) = 0.929 mW/g
Maximum value of SAR (measured) = 1.56 mW/g



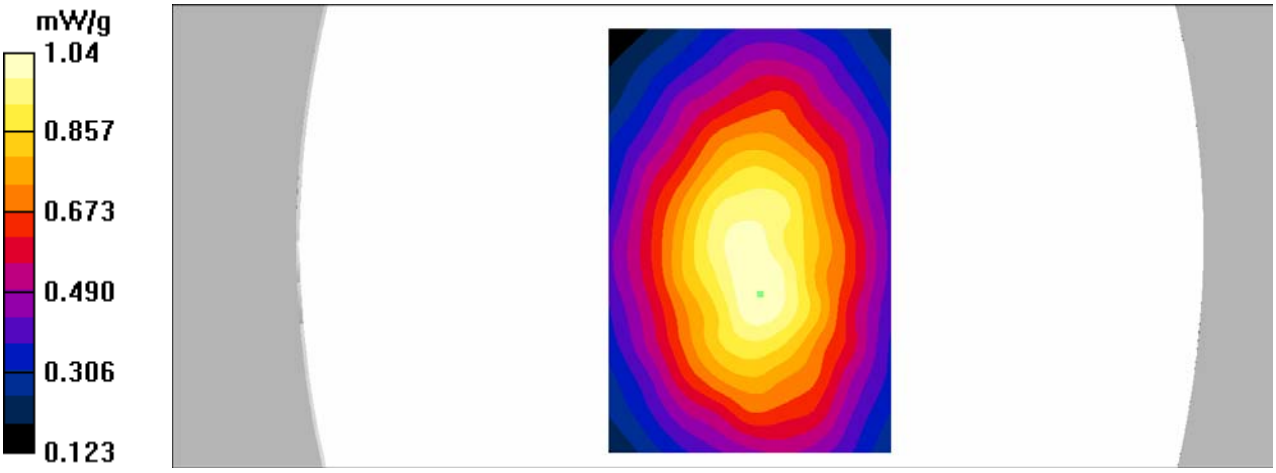
DUT: Digital Portable Radio; Type: BD612 VHF;

Communication System: VHF; Frequency: 166.01 MHz;Duty Cycle: 1:2
Medium parameters used: f = 166.01 MHz; σ = 0.78 S/m; εr = 52.61; ρ = 1000 kg/m^3
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

D166.01-face up(2.5cm) /Area Scan (121x181x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.05 mW/g

D166.01-face up(2.5cm)/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 36.0 V/m; Power Drift = -0.201 dB
Peak SAR (extrapolated) = 1.36 W/kg
SAR(1 g) = 0.965 mW/g; SAR(10 g) = 0.743 mW/g
Maximum value of SAR (measured) = 1.04 mW/g



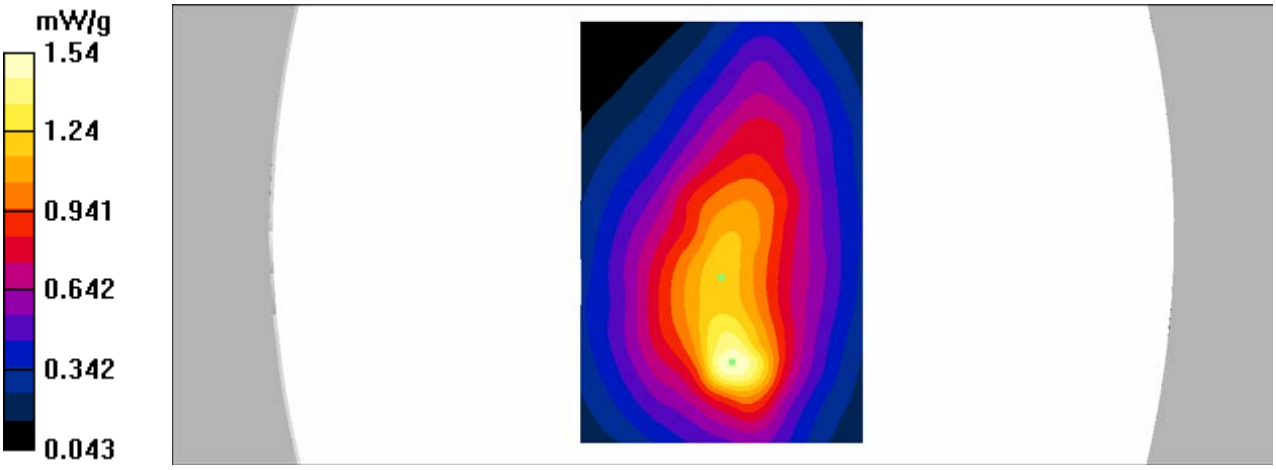
DUT: Digital Portable Radio; Type: BD612 VHF;

Communication System: VHF; Frequency: 166.01 MHz;Duty Cycle: 1:2
Medium parameters used: f = 166.01 MHz; σ = 0.83 S/m; εr = 62.18; ρ = 1000 kg/m^3
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

D166.01-back/Area Scan (121x181x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.55 mW/g

D166.01-back/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 36.9 V/m; Power Drift = -0.123 dB
Peak SAR (extrapolated) = 3.07 W/kg
SAR(1 g) = 1.51 mW/g; SAR(10 g) = 0.981 mW/g
Maximum value of SAR (measured) = 1.54 mW/g



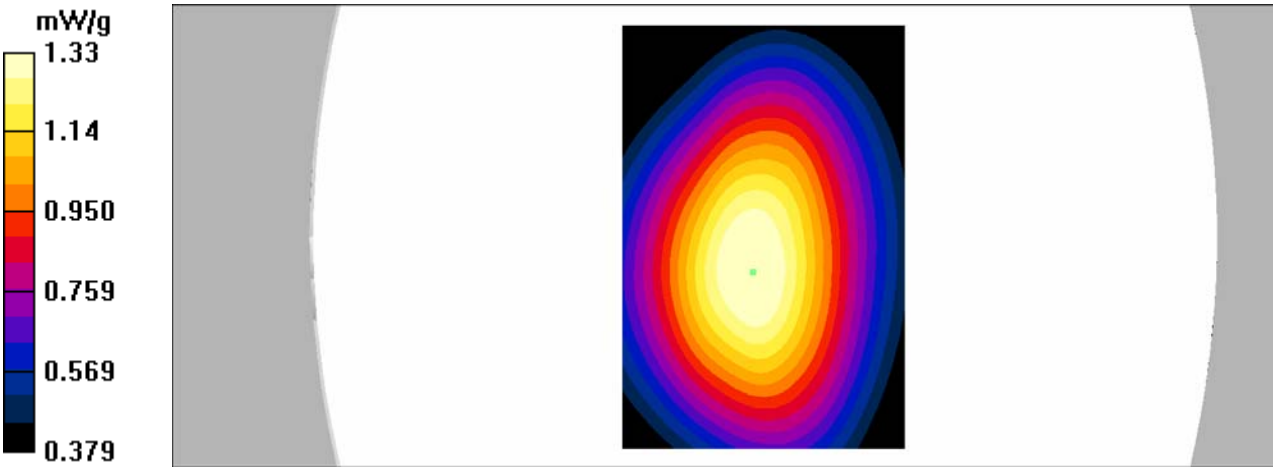
DUT: Digital Portable Radio; Type: BD612 VHF;

Communication System: VHF; Frequency: 143.01 MHz;Duty Cycle: 1:1
Medium parameters used: f = 143.01 MHz; σ = 0.78 S/m; εr = 52.47; ρ = 1000 kg/m^3
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

A12.5-143.01-face up(2.5cm)/Area Scan (121x181x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.36 mW/g

A12.5-A143.01-face up(2.5cm)/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 41.8 V/m; Power Drift = -0.141 dB
Peak SAR (extrapolated) = 1.62 W/kg
SAR(1 g) = 1.28 mW/g; SAR(10 g) = 1.03 mW/g
Maximum value of SAR (measured) = 1.33 mW/g



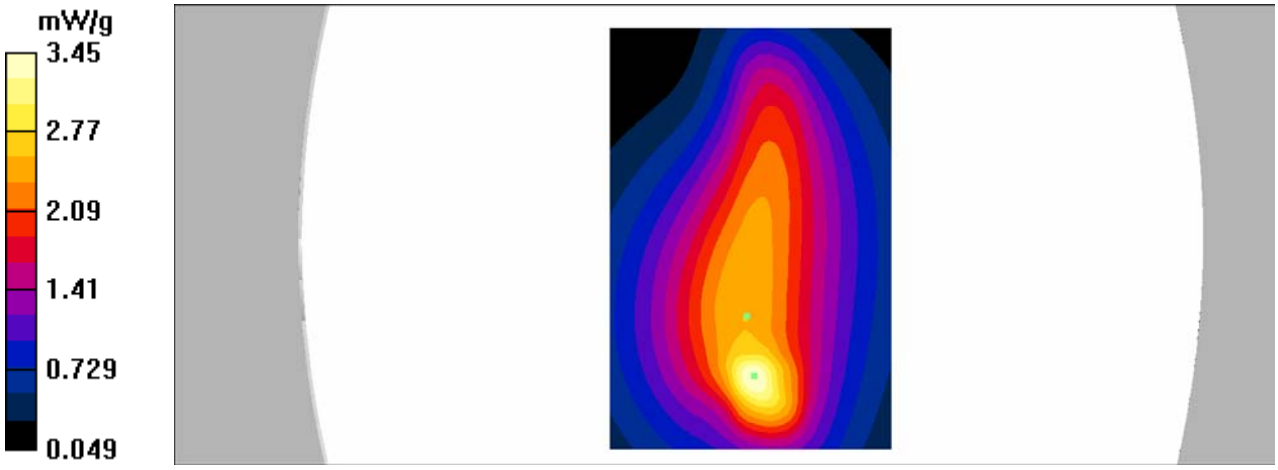
DUT: Digital Portable Radio; Type: BD612 VHF;

Communication System: VHF; Frequency: 143.01 MHz;Duty Cycle: 1:1
Medium parameters used: f = 143.01 MHz; σ = 0.82 S/m; εr = 61.85; ρ = 1000 kg/m^3
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

A12.5-143.01-back/Area Scan (121x181x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 3.47 mW/g

A12.5-143.01-back/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 57.1 V/m; Power Drift = -0.167 dB
Peak SAR (extrapolated) = 6.81 W/kg
SAR(1 g) = 3.35 mW/g; SAR(10 g) = 2.04 mW/g
Maximum value of SAR (measured) = 3.45 mW/g



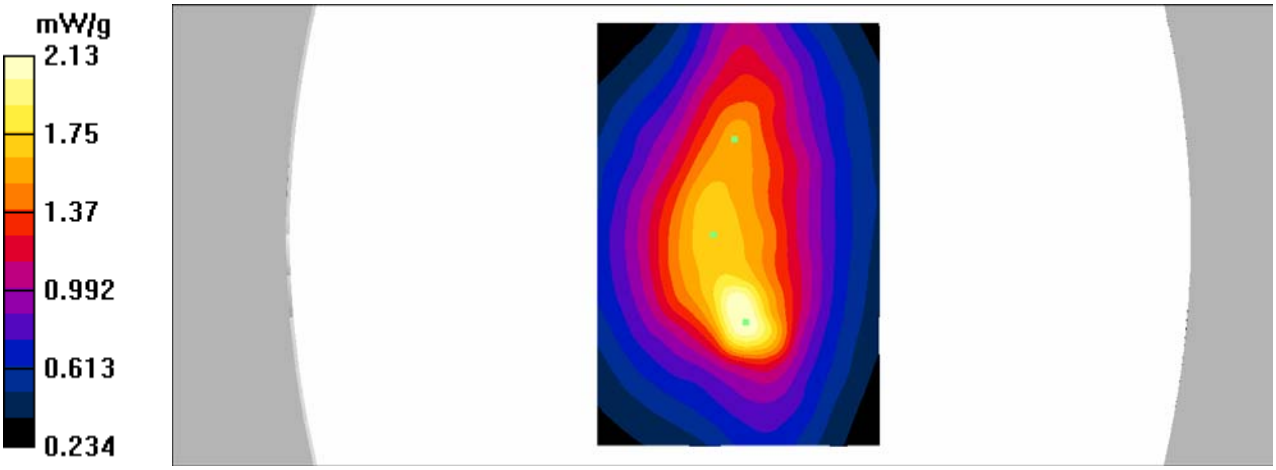
DUT: Digital Portable Radio; Type: BD612 VHF;

Communication System: VHF; Frequency: 166.01 MHz;Duty Cycle: 1:1
Medium parameters used: f = 166.01 MHz; σ = 0.78 S/m; εr = 52.61; ρ = 1000 kg/m^3
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

A12.5-166.01-face up(2.5cm)/Area Scan (121x181x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.98 mW/g

A12.5-166.01-face up(2.5cm)/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 42.5 V/m; Power Drift = -0.060 dB
Peak SAR (extrapolated) = 3.95 W/kg
SAR(1 g) = 2 mW/g; SAR(10 g) = 1.26 mW/g
Maximum value of SAR (measured) = 2.13 mW/g



DUT: Digital Portable Radio; Type: BD612 VHF;

Communication System: VHF; Frequency: 166.01 MHz;Duty Cycle: 1:1
Medium parameters used: f = 166.01 MHz; σ = 0.83 S/m; εr = 62.18; ρ = 1000 kg/m^3
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

A12.5-166.01-back/Area Scan (121x181x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 4.00 mW/g

A12.5-166.01-back/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 55.0 V/m; Power Drift = 0.19 dB
Peak SAR (extrapolated) = 8.22 W/kg
SAR(1 g) = 3.98 mW/g; SAR(10 g) = 2.59 mW/g
Maximum value of SAR (measured) = 4.48 mW/g