

Plot 1#: FM_12.5kHz_430.0125MHz_Face Up

DUT: DIGITAL PORTABLE RADIO; Type: PD365 Uc; Serial: RDG210326006-SA-S1

Communication System: FM; Frequency: 430.012 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 430.012$ MHz; $\sigma = 0.849$ S/m; $\epsilon_r = 43.926$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 430.012 MHz; Calibrated: 2020/11/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2020/11/23
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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

Maximum value of SAR (interpolated) = 2.02 W/kg

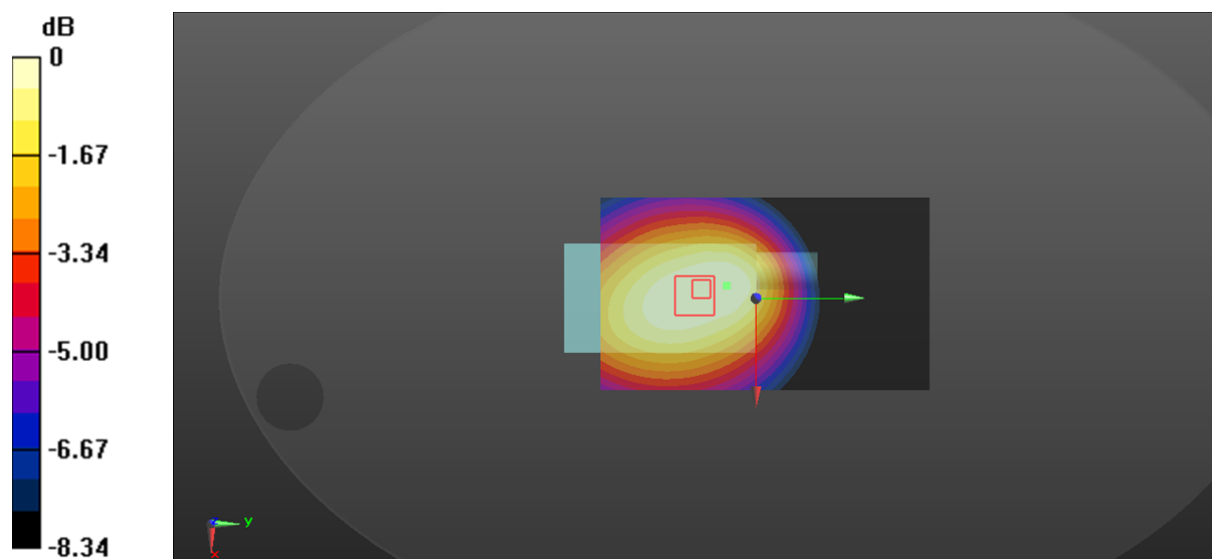
Zoom Scan (7x8x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 44.91 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 2.39 W/kg

SAR(1 g) = 1.89 W/kg; SAR(10 g) = 1.52 W/kg

Maximum value of SAR (measured) = 1.98 W/kg



0 dB = 1.98 W/kg = 2.97 dBW/kg

Plot 2#: FM_25kHz_430.012MHz_Face Up**DUT: DIGITAL PORTABLE RADIO; Type: PD365 Uc; Serial: RDG210326006-SA-S1**

Communication System: FM; Frequency: 430.012 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 430.012$ MHz; $\sigma = 0.849$ S/m; $\epsilon_r = 43.926$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 430.012 MHz; Calibrated: 2020/11/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2020/11/23
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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

Maximum value of SAR (interpolated) = 3.18 W/kg

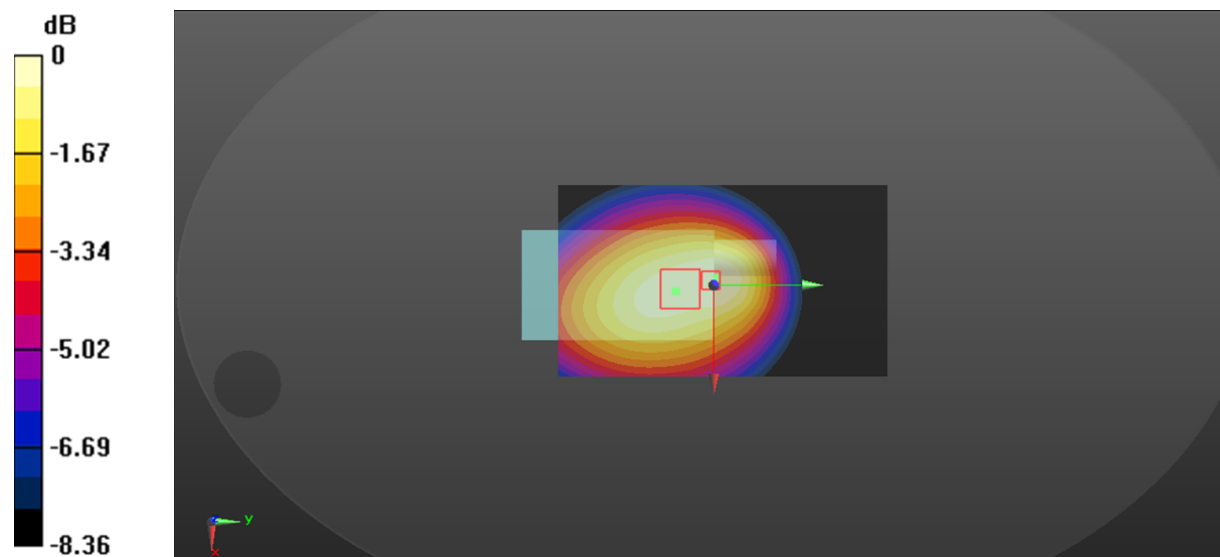
Zoom Scan (6x7x4)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 61.88 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 4.02 W/kg

SAR(1 g) = 2.95 W/kg; SAR(10 g) = 2.33 W/kg

Maximum value of SAR (measured) = 3.10 W/kg



0 dB = 3.10 W/kg = 4.91 dBW/kg

Plot 3#: FM_25kHz_443.012MHz _ Face Up**DUT: DIGITAL PORTABLE RADIO; Type: PD365 Uc; Serial: RDG210326006-SA-S1**

Communication System: FM; Frequency: 443.012 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 443.012$ MHz; $\sigma = 0.864$ S/m; $\epsilon_r = 43.845$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 443.012 MHz; Calibrated: 2020/11/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2020/11/23
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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

Maximum value of SAR (interpolated) = 2.87 W/kg

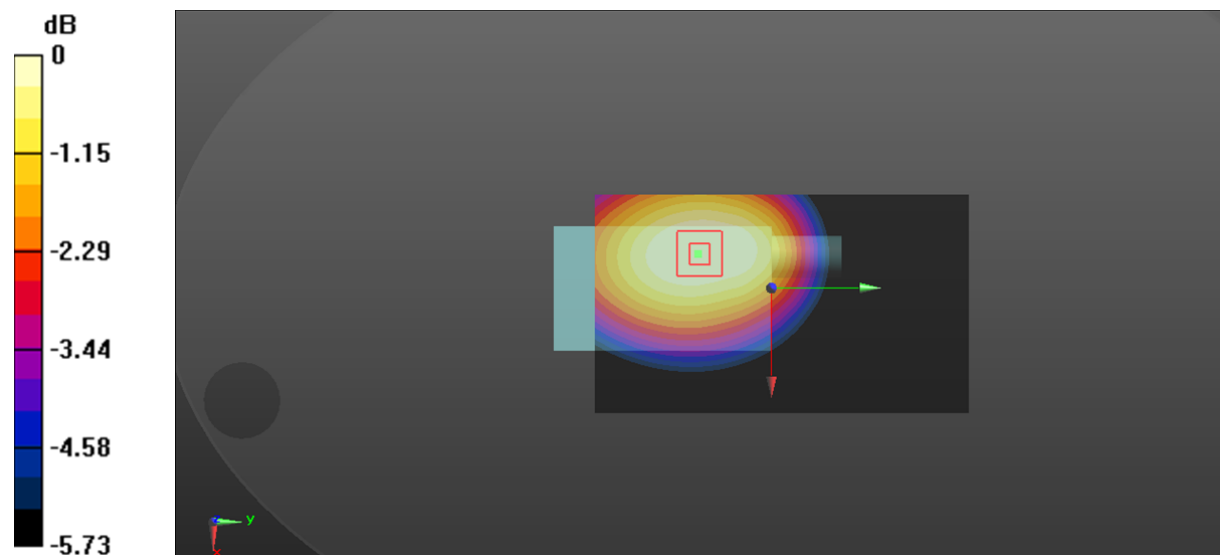
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 48.61 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 3.09 W/kg

SAR(1 g) = 2.66 W/kg; SAR(10 g) = 2.14 W/kg

Maximum value of SAR (measured) = 2.78 W/kg



0 dB = 2.78 W/kg = 4.44 dBW/kg

Plot 4#: FM_25kHz_457MHz_Face Up**DUT: DIGITAL PORTABLE RADIO; Type: PD365 Uc; Serial: RDG210326006-SA-S1**

Communication System: FM; Frequency: 457 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 457$ MHz; $\sigma = 0.886$ S/m; $\epsilon_r = 43.709$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 457 MHz; Calibrated: 2020/11/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2020/11/23
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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

Maximum value of SAR (interpolated) = 3.00 W/kg

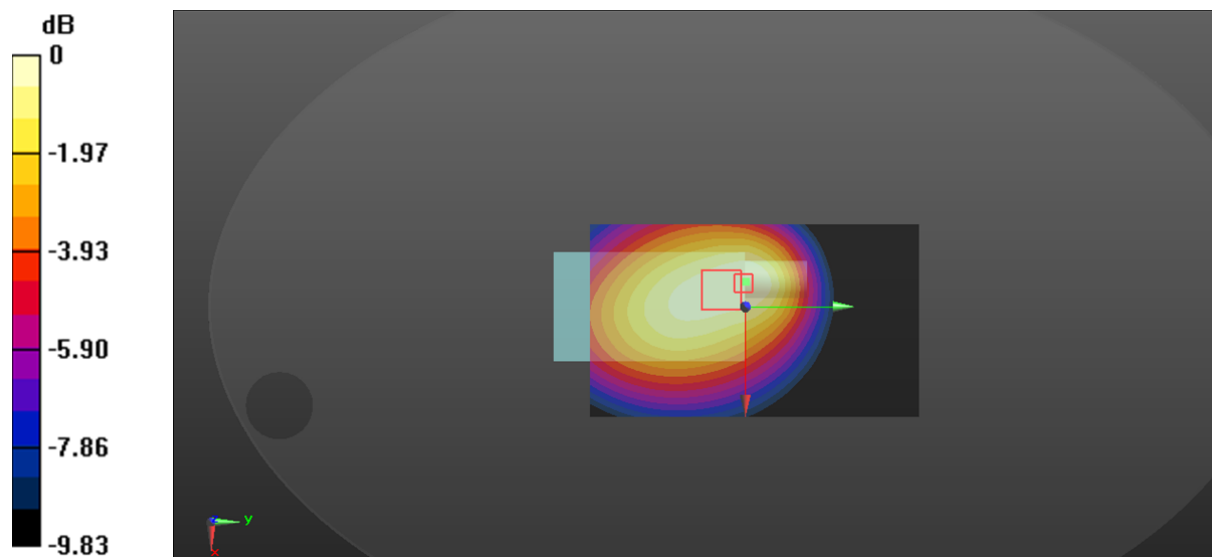
Zoom Scan (6x7x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 56.45 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 3.82 W/kg

SAR(1 g) = 2.66 W/kg; SAR(10 g) = 2.01 W/kg

Maximum value of SAR (measured) = 2.81 W/kg



0 dB = 2.81 W/kg = 4.49 dBW/kg

Plot 5#: FM_25kHz_469.9875MHz _ Face Up**DUT: DIGITAL PORTABLE RADIO; Type: PD365 Uc; Serial: RDG210326006-SA-S1**

Communication System: FM; Frequency: 469.988 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 469.988$ MHz; $\sigma = 0.894$ S/m; $\epsilon_r = 43.626$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 469.988 MHz; Calibrated: 2020/11/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2020/11/23
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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

Maximum value of SAR (interpolated) = 1.61 W/kg

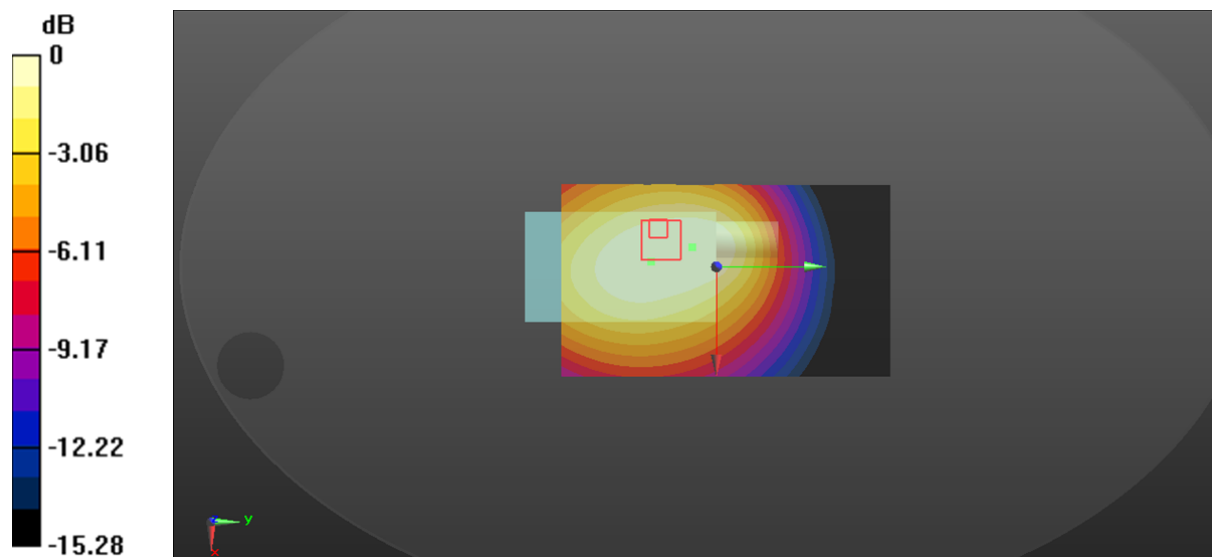
Zoom Scan (6x7x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 43.42 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 2.55 W/kg

SAR(1 g) = 1.66 W/kg; SAR(10 g) = 1.22 W/kg

Maximum value of SAR (measured) = 1.55 W/kg



0 dB = 1.55 W/kg = 1.90 dBW/kg

Plot 6#: 4FSK_430.0125MHz_Face Up

DUT: DIGITAL PORTABLE RADIO; Type: PD365 Uc; Serial: RDG210326006-SA-S1

Communication System: 4FSK; Frequency: 430.012 MHz; Duty Cycle: 1:2

Medium parameters used: $f = 430.012$ MHz; $\sigma = 0.849$ S/m; $\epsilon_r = 43.926$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 430.012 MHz; Calibrated: 2020/11/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2020/11/23
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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

Maximum value of SAR (interpolated) = 1.82 W/kg

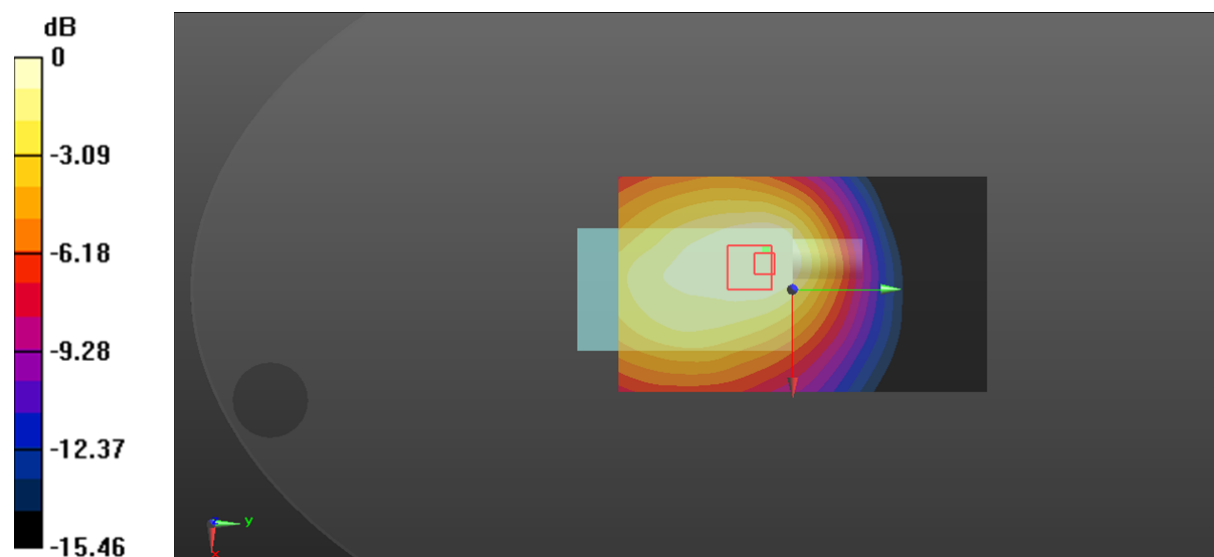
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 36.67 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 5.05 W/kg

SAR(1 g) = 1.92 W/kg; SAR(10 g) = 1.18 W/kg

Maximum value of SAR (measured) = 1.55 W/kg



0 dB = 1.55 W/kg = 1.90 dBW/kg

Plot 7#: FM_12.5kHz_430.0125MHz _Body Back**DUT: DIGITAL PORTABLE RADIO; Type: PD365 Uc; Serial: RDG210326006-SA-S1**

Communication System: FM; Frequency: 430.012 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 430.012$ MHz; $\sigma = 0.849$ S/m; $\epsilon_r = 43.926$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 430.012 MHz; Calibrated: 2020/11/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2020/11/23
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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

Maximum value of SAR (interpolated) = 4.90 W/kg

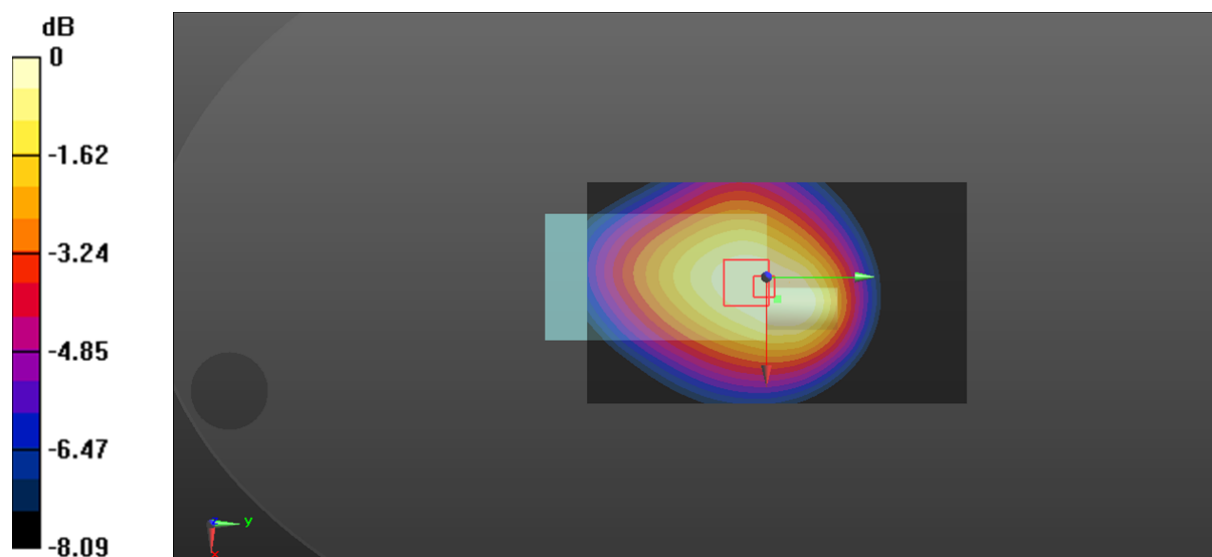
Zoom Scan (6x7x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 75.79 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 6.14 W/kg

SAR(1 g) = 4.46 W/kg; SAR(10 g) = 3.49 W/kg

Maximum value of SAR (measured) = 4.68 W/kg



0 dB = 4.68 W/kg = 6.70 dBW/kg

Plot 8#: FM_25kHz_430.0125MHz_Body Back**DUT: DIGITAL PORTABLE RADIO; Type: PD365 Uc; Serial: RDG210326006-SA-S1**

Communication System: FM; Frequency: 430.012 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 430.012$ MHz; $\sigma = 0.849$ S/m; $\epsilon_r = 43.926$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 430.012 MHz; Calibrated: 2020/11/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2020/11/23
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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

Maximum value of SAR (interpolated) = 5.12 W/kg

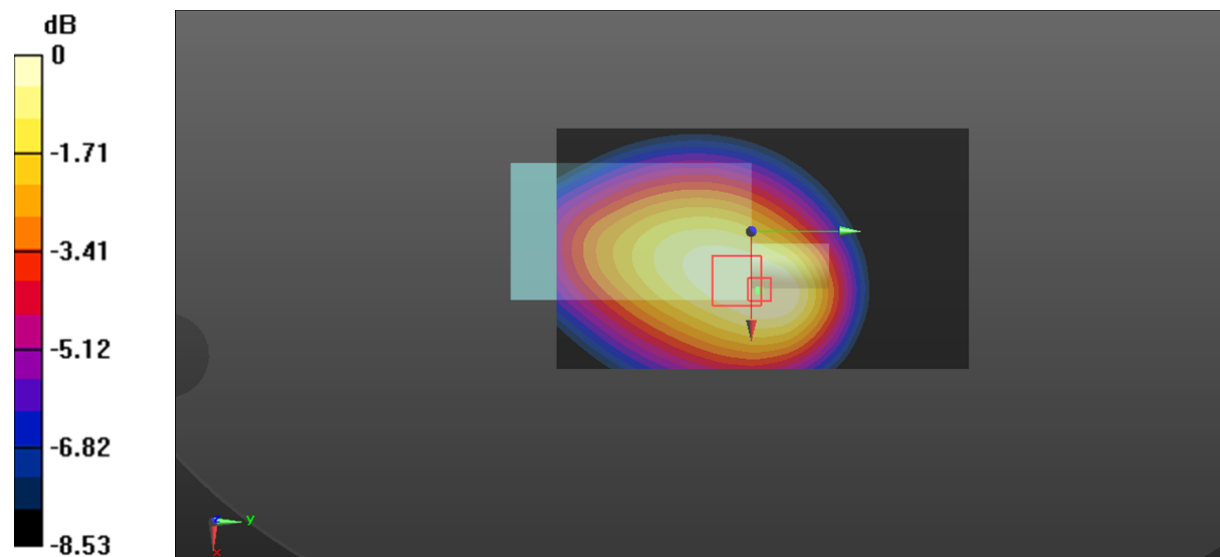
Zoom Scan (6x7x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 63.29 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 6.50 W/kg

SAR(1 g) = 4.65 W/kg; SAR(10 g) = 3.55 W/kg

Maximum value of SAR (measured) = 4.88 W/kg



0 dB = 4.88 W/kg = 6.88 dBW/kg

Plot 9#: FM_25kHz_443.012MHz_Body Back**DUT: DIGITAL PORTABLE RADIO; Type: PD365 Uc; Serial: RDG210326006-SA-S1**

Communication System: FM; Frequency: 443.012 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 443.012$ MHz; $\sigma = 0.864$ S/m; $\epsilon_r = 43.845$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 443.012 MHz; Calibrated: 2020/11/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2020/11/23
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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

Maximum value of SAR (interpolated) = 4.69 W/kg

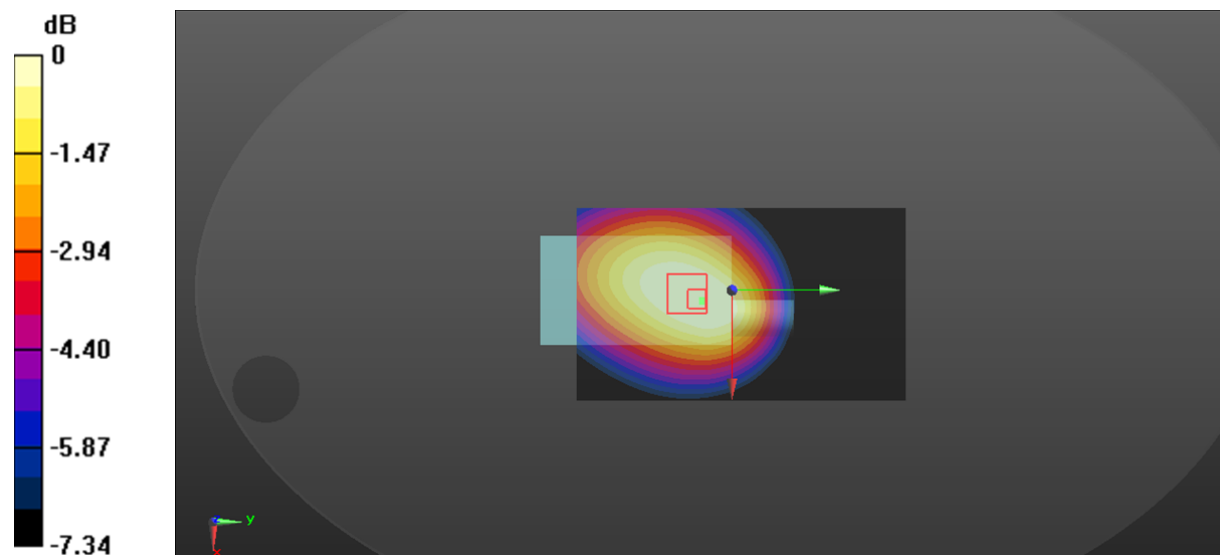
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 67.00 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 5.41 W/kg

SAR(1 g) = 4.26 W/kg; SAR(10 g) = 3.34 W/kg

Maximum value of SAR (measured) = 4.46 W/kg



0 dB = 4.46 W/kg = 6.49 dBW/kg

Plot 10#: FM_25kHz_457MHz _Body Back**DUT: DIGITAL PORTABLE RADIO; Type: PD365 Uc; Serial: RDG210326006-SA-S1**

Communication System: FM; Frequency: 457 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 457$ MHz; $\sigma = 0.886$ S/m; $\epsilon_r = 43.709$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 457 MHz; Calibrated: 2020/11/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2020/11/23
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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

Maximum value of SAR (interpolated) = 3.83 W/kg

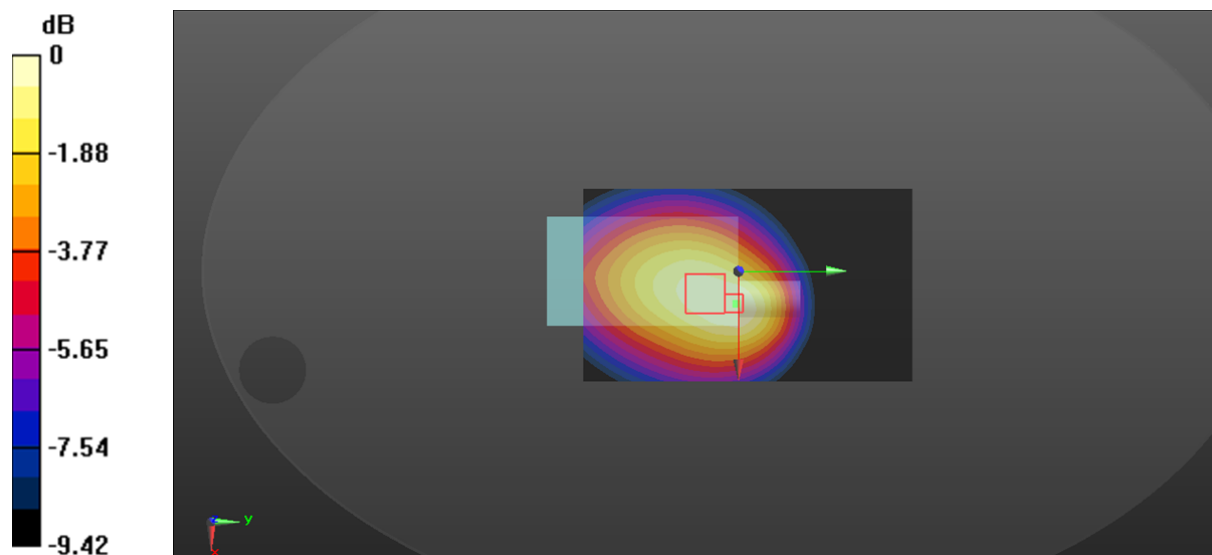
Zoom Scan (6x7x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 54.91 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 5.21 W/kg

SAR(1 g) = 3.59 W/kg; SAR(10 g) = 2.7 W/kg

Maximum value of SAR (measured) = 3.79 W/kg



0 dB = 3.79 W/kg = 5.79 dBW/kg

Plot 11#: FM_25kHz_469.9875MHz_Body Back**DUT: DIGITAL PORTABLE RADIO; Type: PD365 Uc; Serial: RDG210326006-SA-S1**

Communication System: FM; Frequency: 469.988 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 469.988$ MHz; $\sigma = 0.894$ S/m; $\epsilon_r = 43.626$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 469.988 MHz; Calibrated: 2020/11/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2020/11/23
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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

Maximum value of SAR (interpolated) = 2.79 W/kg

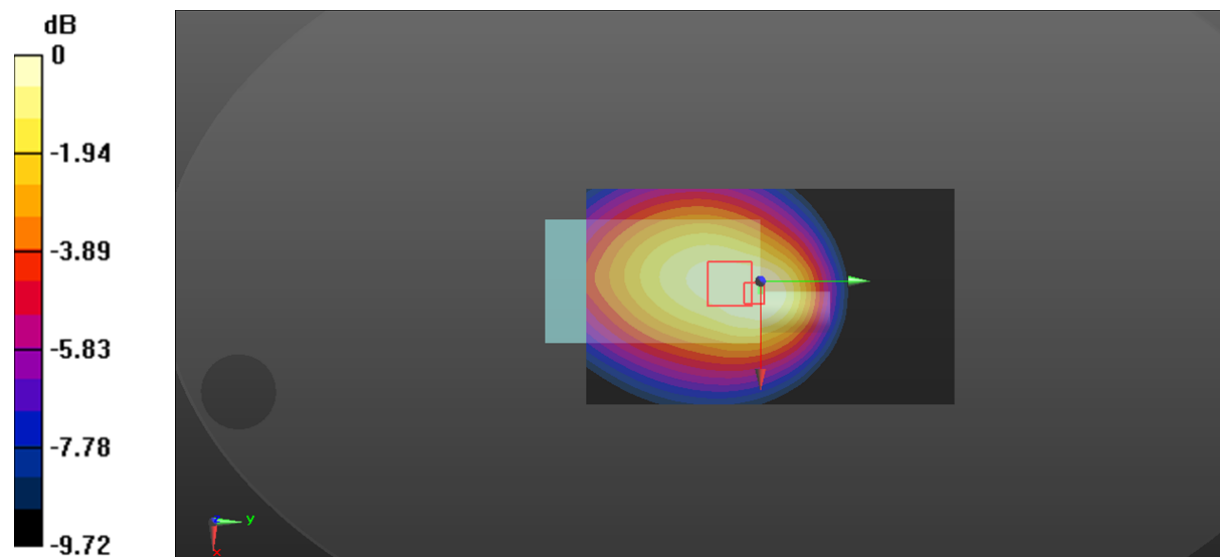
Zoom Scan (6x7x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 58.57 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 3.64 W/kg

SAR(1 g) = 2.5 W/kg; SAR(10 g) = 1.86 W/kg

Maximum value of SAR (measured) = 2.64 W/kg



0 dB = 2.64 W/kg = 4.22 dBW/kg

Plot 12#: 4FSK_430.0125MHz_ Body Back**DUT: DIGITAL PORTABLE RADIO; Type: PD365 Uc; Serial: RDG210326006-SA-S1**

Communication System: 4FSK ; Frequency: 430.012 MHz;Duty Cycle: 1:2

Medium parameters used: $f = 430.012$ MHz; $\sigma = 0.849$ S/m; $\epsilon_r = 43.926$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 430.012 MHz; Calibrated: 2020/11/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2020/11/23
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

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

Maximum value of SAR (interpolated) = 2.63 W/kg

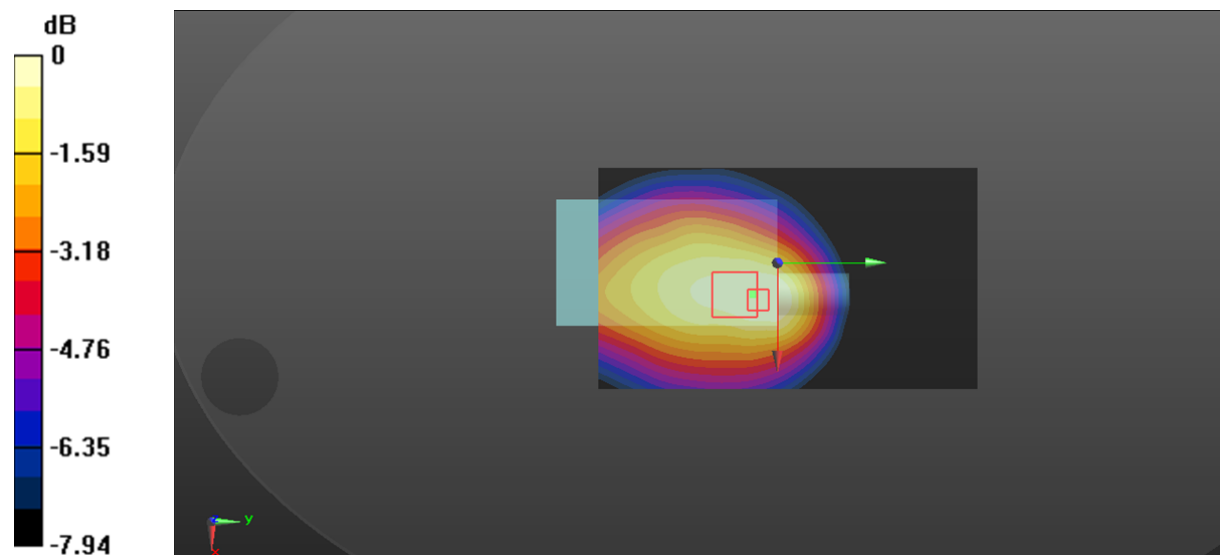
Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 45.41 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 3.64 W/kg

SAR(1 g) = 2.41 W/kg; SAR(10 g) = 1.81 W/kg

Maximum value of SAR (measured) = 2.50 W/kg



0 dB = 2.50 W/kg = 3.98 dBW/kg