

Test Plot 1#: FM_12.5kHz_430.0125MHz_Face Up**DUT: Digital Portable Radio; Type: GD900; Serial: 20041381121**

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

Medium parameters used: $f = 430.012$ MHz; $\sigma = 0.847$ S/m; $\epsilon_r = 44.228$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 430.012 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (71x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 4.92 W/kg

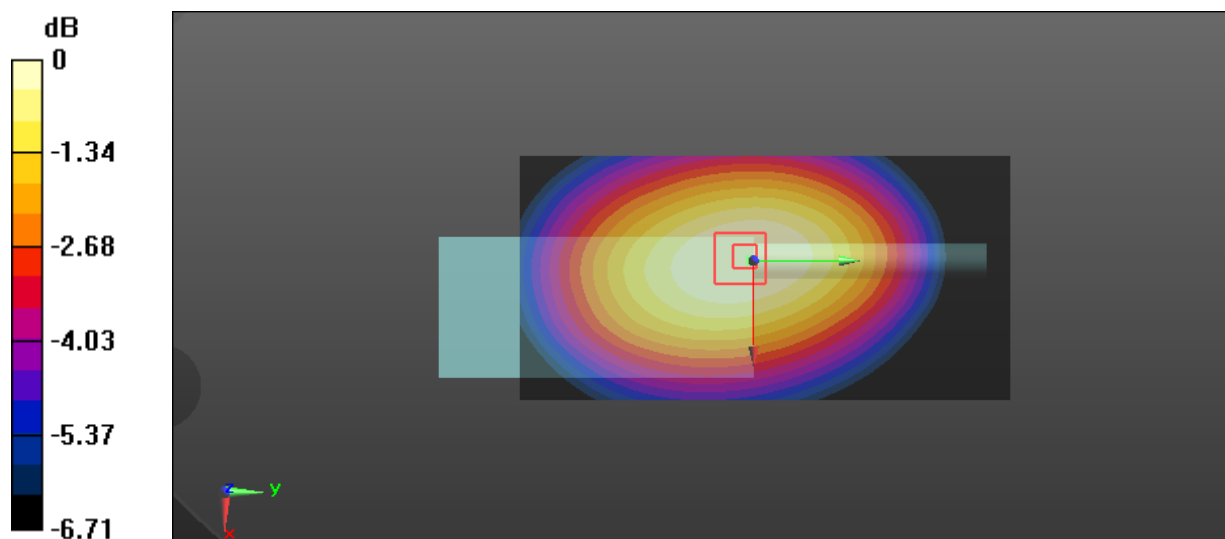
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 79.44 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 5.72 W/kg

SAR(1 g) = 4.55 W/kg; SAR(10 g) = 3.51 W/kg

Maximum value of SAR (measured) = 4.74 W/kg



0 dB = 4.74 W/kg = 6.76 dBW/kg

Test Plot 2#: FM_12.5kHz_440.0125MHz_Face Up**DUT: Digital Portable Radio; Type: GD900; Serial: 20041381121**

Communication System: FM; Frequency: 440.012 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 440.012$ MHz; $\sigma = 0.857$ S/m; $\epsilon_r = 43.323$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 440.012 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (71x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 3.91 W/kg

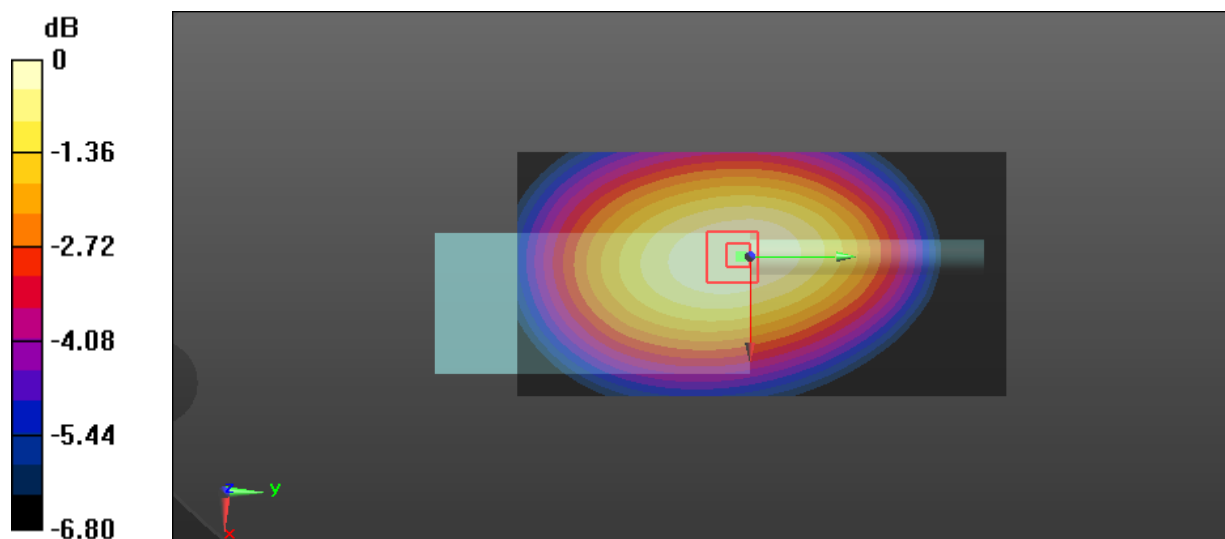
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 67.87 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 4.64 W/kg

SAR(1 g) = 3.69 W/kg; SAR(10 g) = 2.85 W/kg

Maximum value of SAR (measured) = 3.86 W/kg



0 dB = 3.86 W/kg = 5.87 dBW/kg

Test Plot 3#: FM_12.5kHz_450.0125MHz_Face Up**DUT: Digital Portable Radio; Type: GD900; Serial: 20041381121**

Communication System: FM; Frequency: 450.012 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 450.012$ MHz; $\sigma = 0.888$ S/m; $\epsilon_r = 42.741$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 450.012 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (71x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 3.13 W/kg

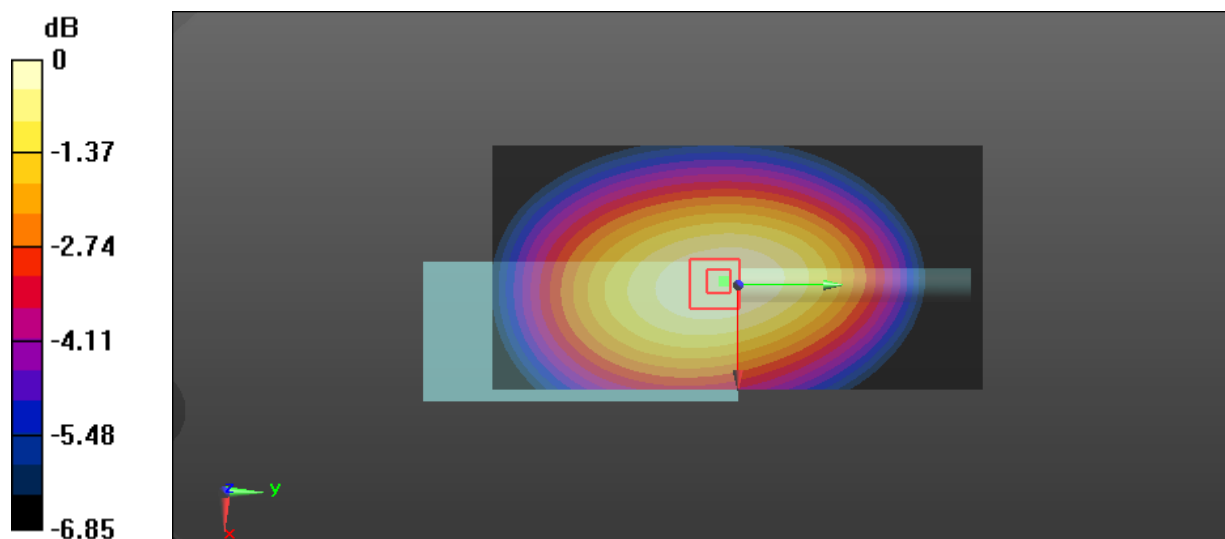
Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 60.01 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 3.76 W/kg

SAR(1 g) = 2.98 W/kg; SAR(10 g) = 2.31 W/kg

Maximum value of SAR (measured) = 3.12 W/kg



0 dB = 3.12 W/kg = 4.94 dBW/kg

Test Plot 4#: FM_12.5kHz_459.9875MHz_Face Up**DUT: Digital Portable Radio; Type: GD900; Serial: 20041381121**

Communication System: FM; Frequency: 459.988 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 459.988$ MHz; $\sigma = 0.898$ S/m; $\epsilon_r = 42.611$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 459.988 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (71x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 3.54 W/kg

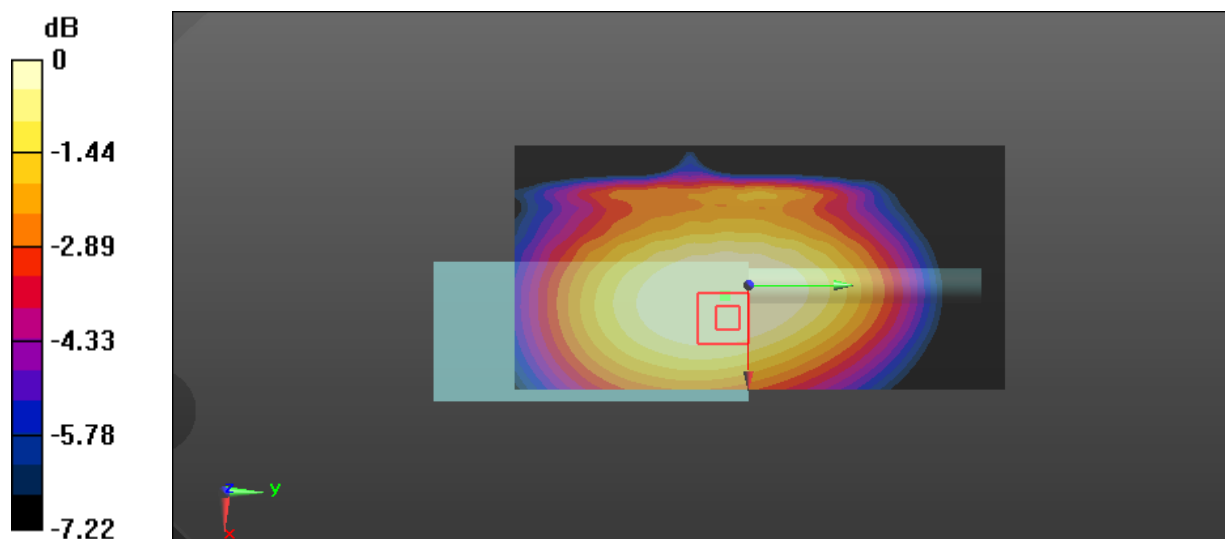
Zoom Scan (6x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 62.50 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 3.91 W/kg

SAR(1 g) = 3.14 W/kg; SAR(10 g) = 2.44 W/kg

Maximum value of SAR (measured) = 3.28 W/kg



0 dB = 3.28 W/kg = 5.16 dBW/kg

Test Plot 5#: FM_12.5kHz_469.9875MHz_Face Up**DUT: Digital Portable Radio; Type: GD900; Serial: 20041381121**

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

Medium parameters used: $f = 469.988$ MHz; $\sigma = 0.904$ S/m; $\epsilon_r = 43.352$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 469.988 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (71x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 3.58 W/kg

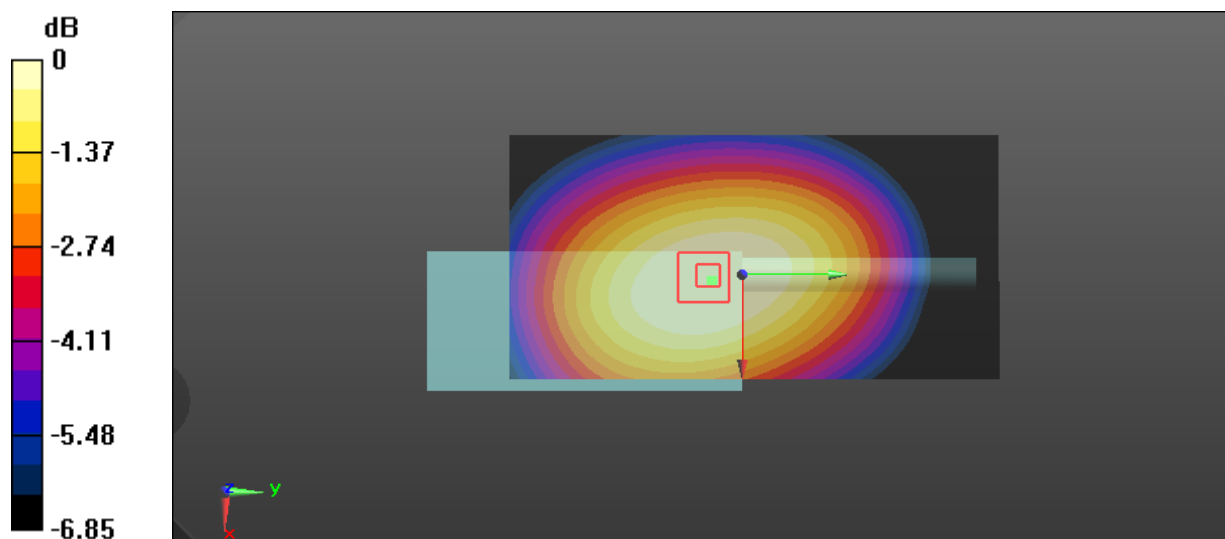
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 64.70 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 4.06 W/kg

SAR(1 g) = 3.24 W/kg; SAR(10 g) = 2.52 W/kg

Maximum value of SAR (measured) = 3.38 W/kg



0 dB = 3.38 W/kg = 5.29 dBW/kg

Test Plot 6#: 4FSK_430.0125MHz_Face Up**DUT: Digital Portable Radio; Type: GD900; Serial: 20041381121**

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

Medium parameters used: $f = 430.012$ MHz; $\sigma = 0.847$ S/m; $\epsilon_r = 44.228$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 430.012 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (71x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 2.77 W/kg

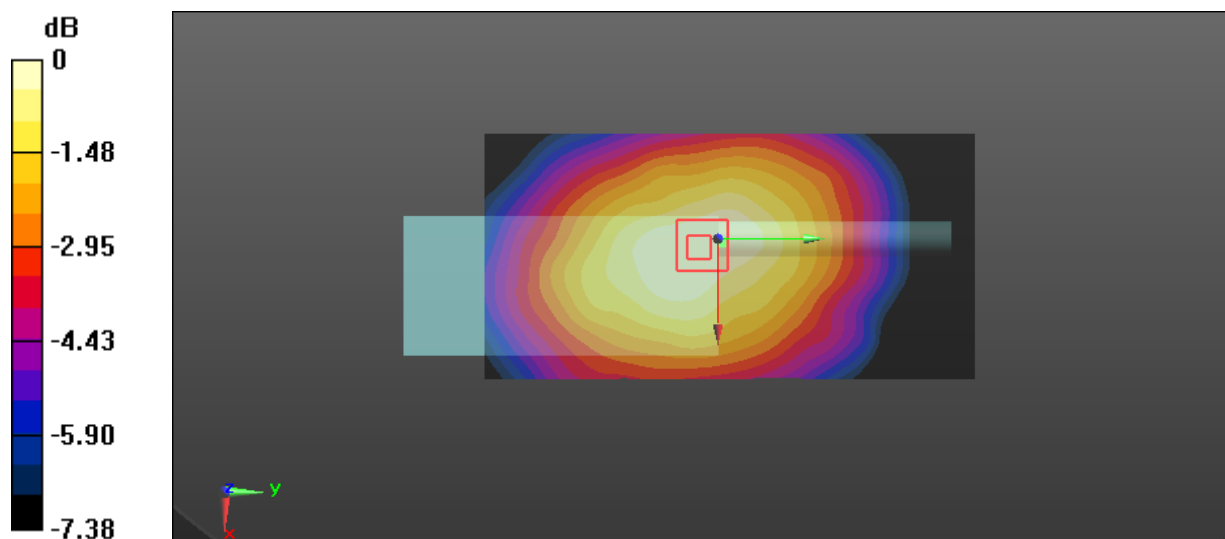
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 56.22 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 3.62 W/kg

SAR(1 g) = 2.53 W/kg; SAR(10 g) = 1.95 W/kg

Maximum value of SAR (measured) = 2.70 W/kg



0 dB = 2.70 W/kg = 4.31 dBW/kg

Test Plot 7#: FM_12.5kHz_430.0125MHz_Body Back**DUT: Digital Portable Radio; Type: GD900; Serial: 20041381121**

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

Medium parameters used: $f = 430.012$ MHz; $\sigma = 0.847$ S/m; $\epsilon_r = 44.228$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 430.012 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (71x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 7.13 W/kg

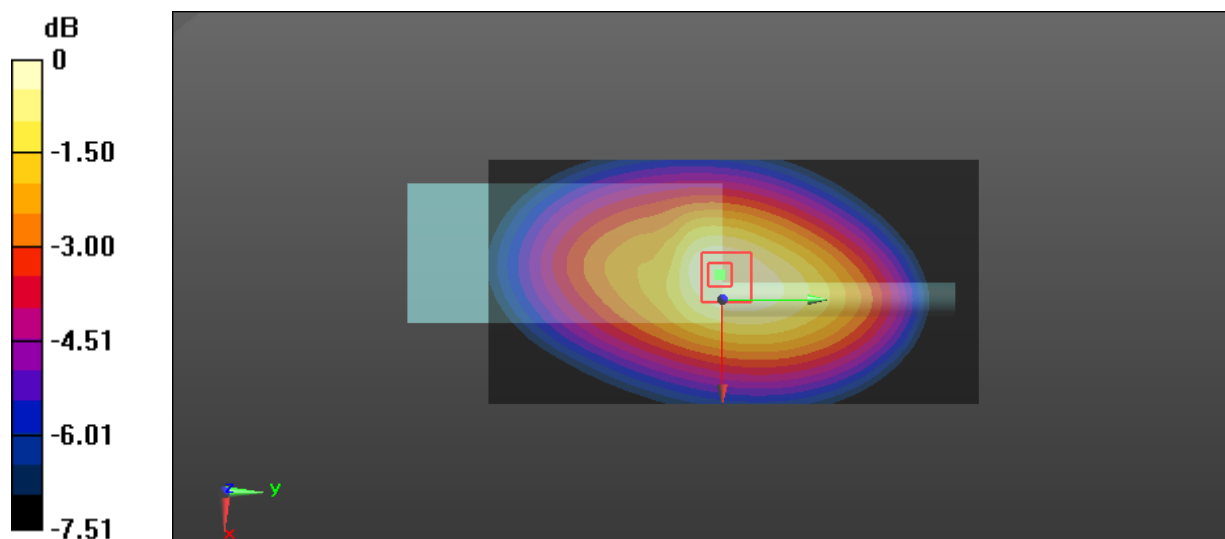
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 91.02 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 8.91 W/kg

SAR(1 g) = 6.55 W/kg; SAR(10 g) = 4.8 W/kg

Maximum value of SAR (measured) = 6.94 W/kg



0 dB = 6.94 W/kg = 8.41 dBW/kg

Test Plot 8#: FM_12.5kHz_440.0125MHz_Body Back**DUT: Digital Portable Radio; Type: GD900; Serial: 20041381121**

Communication System: FM; Frequency: 440.012 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 440.012$ MHz; $\sigma = 0.857$ S/m; $\epsilon_r = 43.323$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 440.012 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (71x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 6.65 W/kg

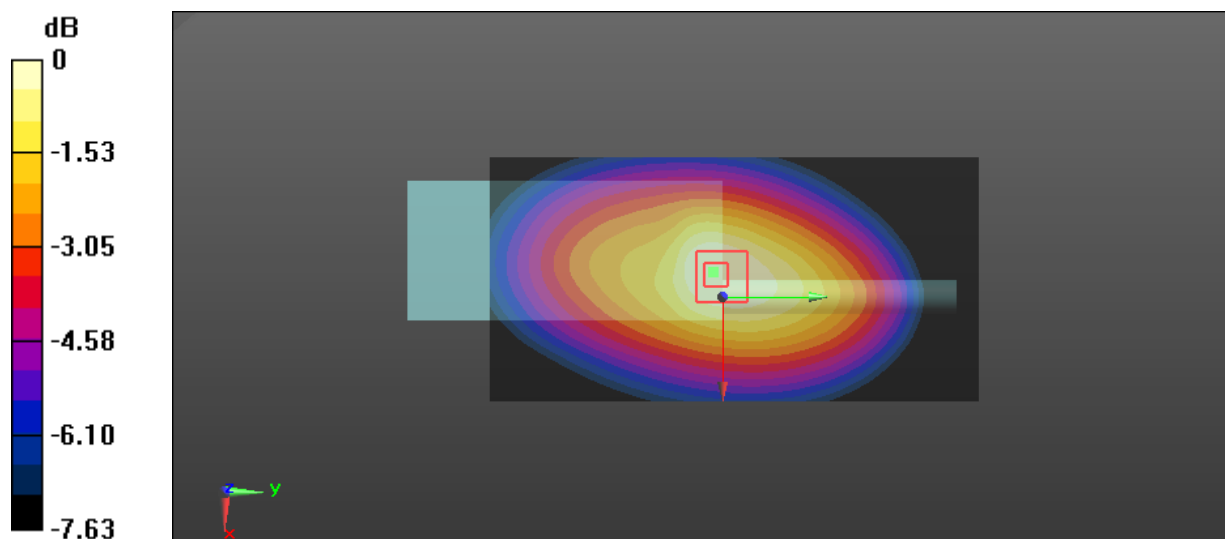
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 89.89 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 8.27 W/kg

SAR(1 g) = 6 W/kg; SAR(10 g) = 4.37 W/kg

Maximum value of SAR (measured) = 6.38 W/kg



0 dB = 6.38 W/kg = 8.05 dBW/kg

Test Plot 9#: FM_12.5kHz_450.0125MHz_Body Back**DUT: Digital Portable Radio; Type: GD900; Serial: 20041381121**

Communication System: FM; Frequency: 450.012 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 450.012$ MHz; $\sigma = 0.888$ S/m; $\epsilon_r = 42.741$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 450.012 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (71x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 4.83 W/kg

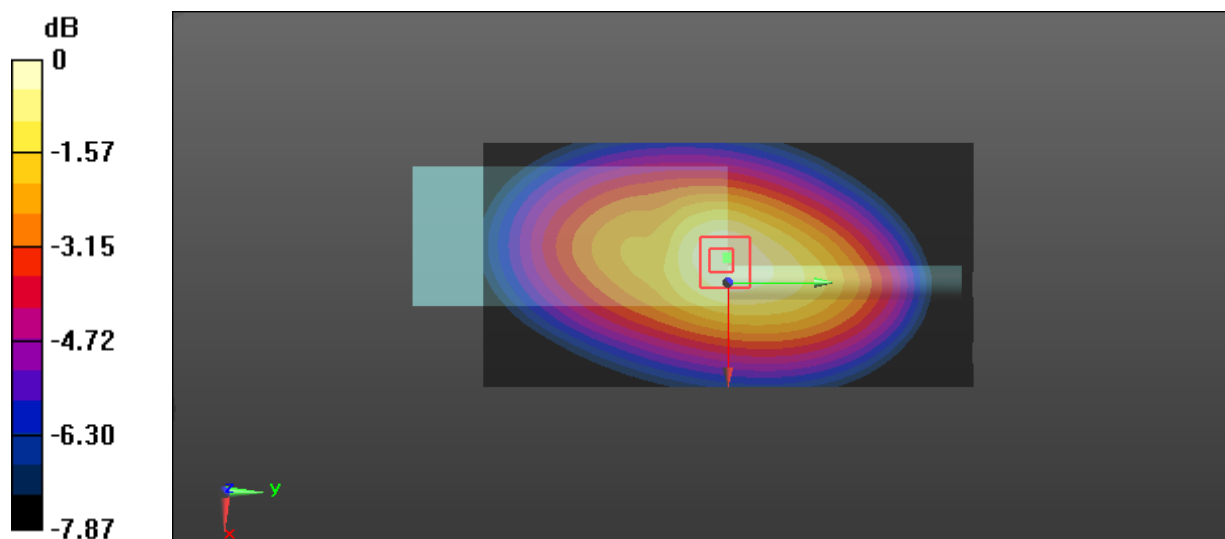
Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 73.71 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 6.25 W/kg

SAR(1 g) = 4.51 W/kg; SAR(10 g) = 3.27 W/kg

Maximum value of SAR (measured) = 4.73 W/kg



0 dB = 4.73 W/kg = 6.75 dBW/kg

Test Plot 10#: FM_12.5kHz_459.9875MHz_Body Back**DUT: Digital Portable Radio; Type: GD900; Serial: 20041381121**

Communication System: FM; Frequency: 459.988 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 459.988$ MHz; $\sigma = 0.898$ S/m; $\epsilon_r = 42.611$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 459.988 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (71x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 5.11 W/kg

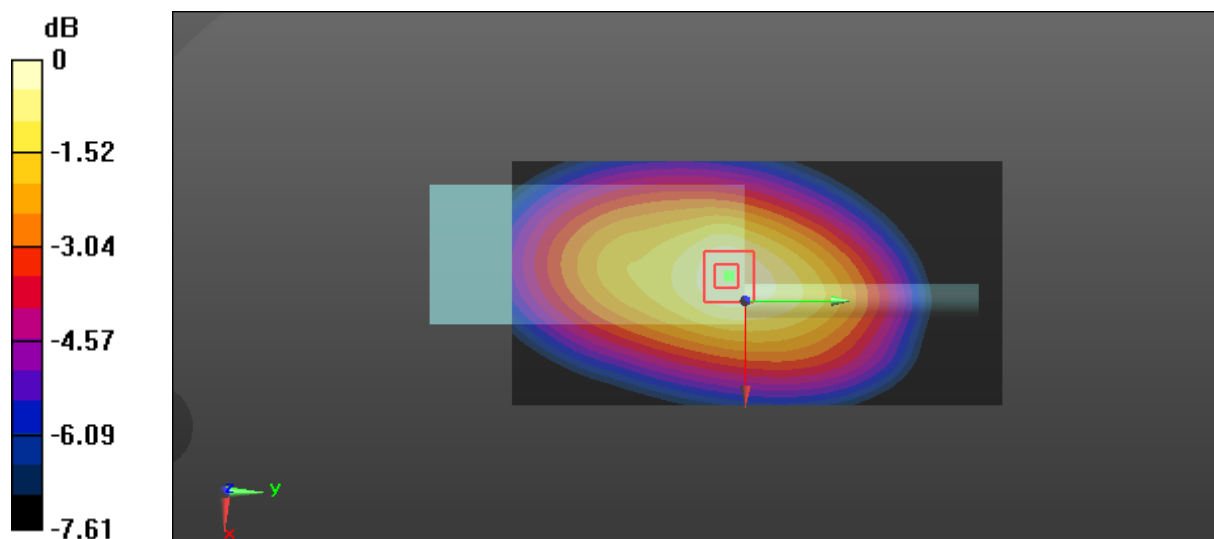
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 74.92 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 6.43 W/kg

SAR(1 g) = 4.76 W/kg; SAR(10 g) = 3.51 W/kg

Maximum value of SAR (measured) = 5.01 W/kg



0 dB = 5.01 W/kg = 7.00 dBW/kg

Test Plot 11#: FM_12.5kHz_469.9875MHz_Body Back**DUT: Digital Portable Radio; Type: GD900; Serial: 20041381121**

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

Medium parameters used: $f = 469.988$ MHz; $\sigma = 0.904$ S/m; $\epsilon_r = 42.352$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 469.988 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (71x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 5.77 W/kg

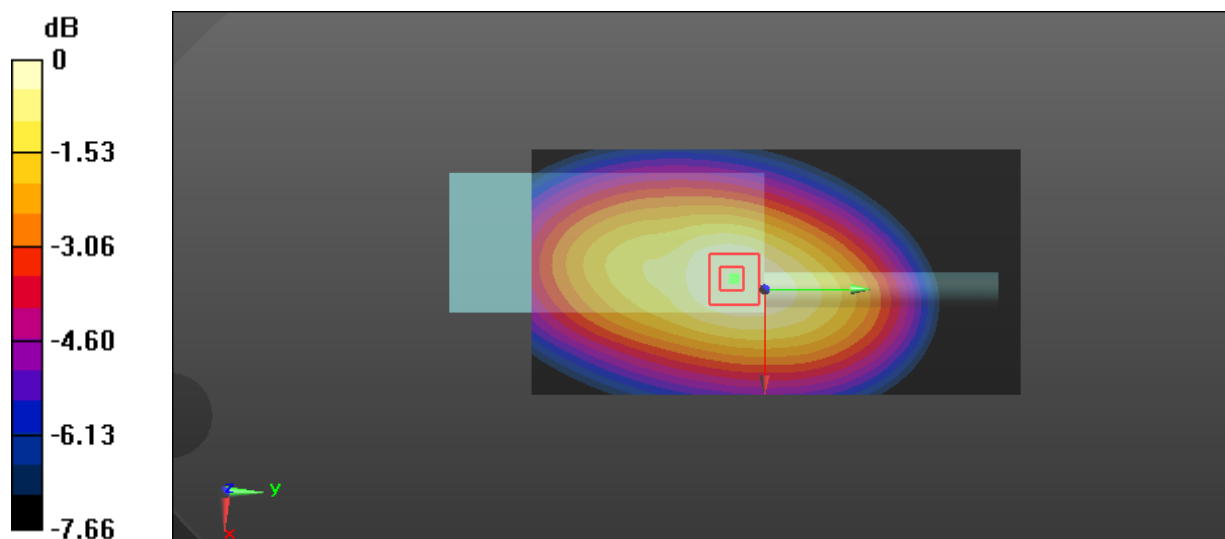
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 81.03 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 7.05 W/kg

SAR(1 g) = 5.23 W/kg; SAR(10 g) = 3.87 W/kg

Maximum value of SAR (measured) = 5.53 W/kg



0 dB = 5.53 W/kg = 7.43 dBW/kg

Test Plot 12#: 4FSK_430.0125MHz_Body Back**DUT: Digital Portable Radio; Type: GD900; Serial: 20041381121**

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

Medium parameters used: $f = 430.012$ MHz; $\sigma = 0.847$ S/m; $\epsilon_r = 44.228$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 430.012 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2019/12/25
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (71x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 3.63 W/kg

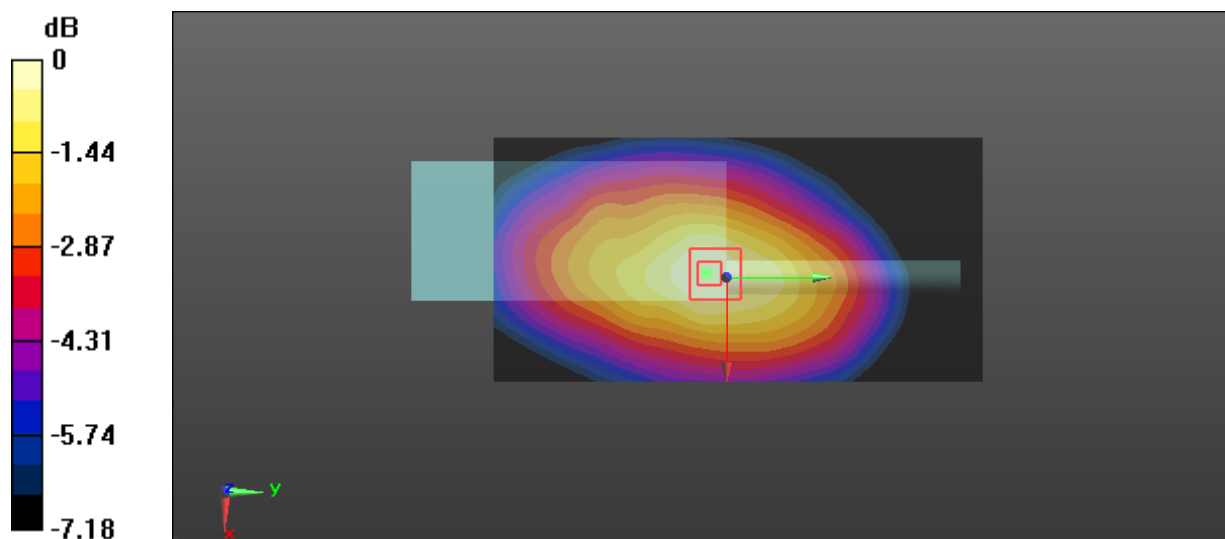
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 63.03 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 4.22 W/kg

SAR(1 g) = 3.24 W/kg; SAR(10 g) = 2.44 W/kg

Maximum value of SAR (measured) = 3.51 W/kg



0 dB = 3.51 W/kg = 5.45 dBW/kg