

Test Plot 1#: FM_12.5kHz_350.0125MHz_Face Up_Antenna 1**DUT: DIGITAL PORTABLE RADIO; Type:PD482 Uv; Serial: RDG210330013-SA-S1**

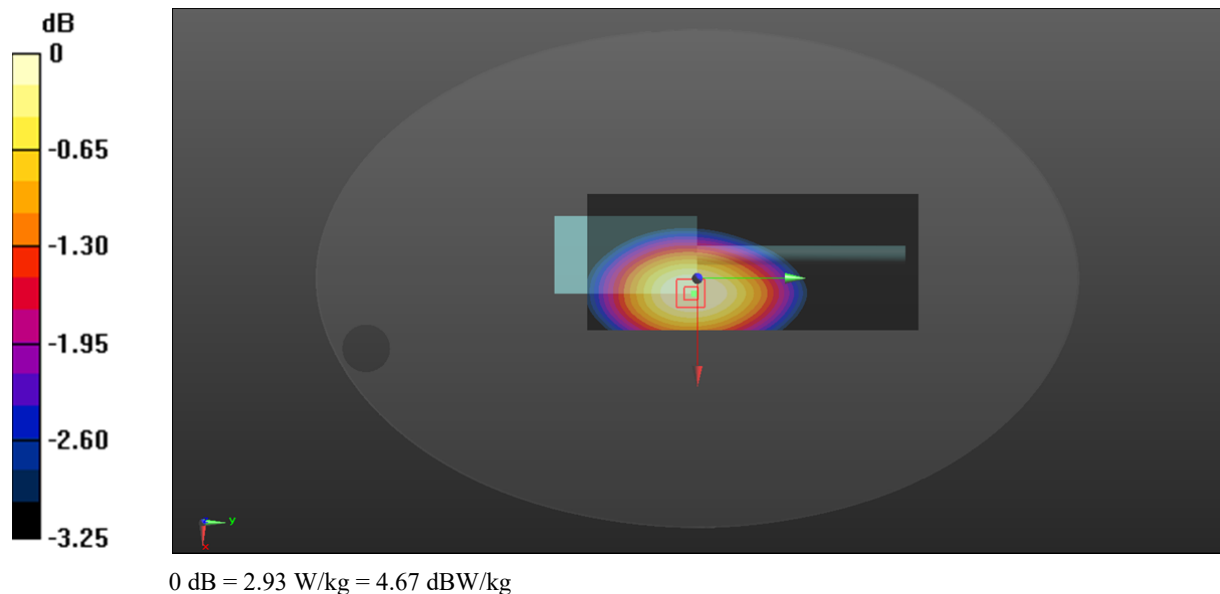
Communication System: FM; Frequency: 350.012 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 350.012 \text{ MHz}$; $\sigma = 0.836 \text{ S/m}$; $\epsilon_r = 45.481$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 350.012 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 (71x171x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 3.00 W/kg **Zoom Scan (5x6x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 57.74 V/m ; Power Drift = -0.10 dB Peak SAR (extrapolated) = 3.34 W/kg **SAR(1 g) = 2.86 W/kg ; SAR(10 g) = 2.49 W/kg** Maximum value of SAR (measured) = 2.93 W/kg 

Test Plot 2#: FM_12.5kHz_362.5125MHz_Face Up_Antenna 1**DUT: DIGITAL PORTABLE RADIO; Type:PD482 Uv; Serial: RDG210330013-SA-S1**

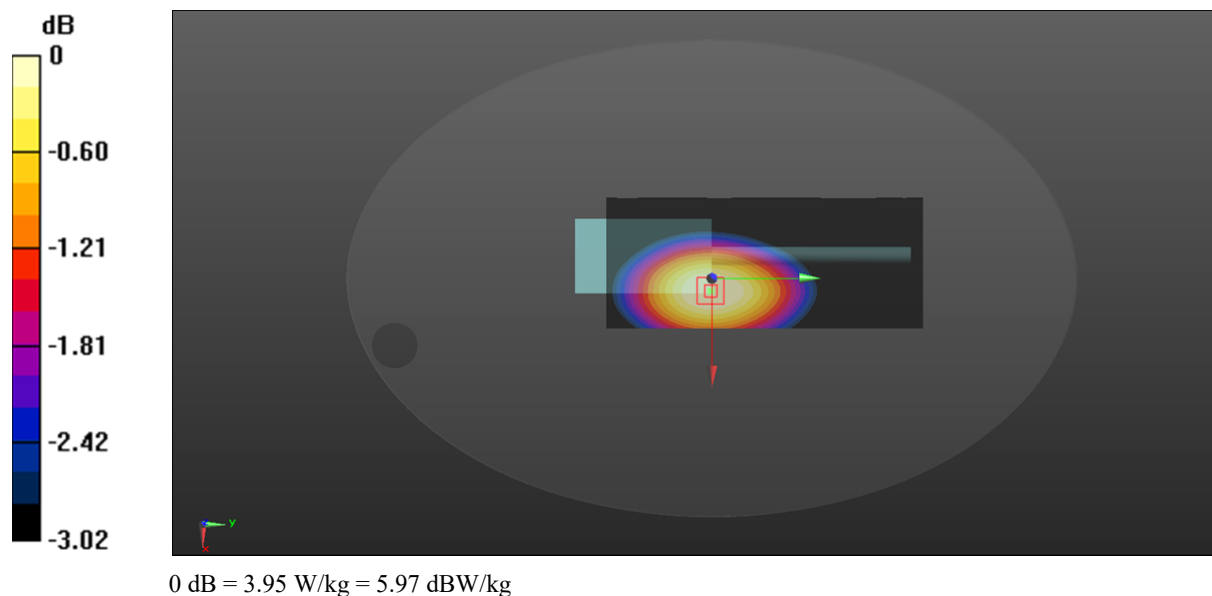
Communication System: FM; Frequency: 362.512 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 362.512 \text{ MHz}$; $\sigma = 0.841 \text{ S/m}$; $\epsilon_r = 45.263$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 362.512 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 (71x171x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 4.05 W/kg **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 66.97 V/m ; Power Drift = -0.07 dB Peak SAR (extrapolated) = 4.50 W/kg **SAR(1 g) = 3.85 W/kg ; SAR(10 g) = 3.35 W/kg** Maximum value of SAR (measured) = 3.95 W/kg 

Test Plot 3#: FM_12.5kHz_375.0125MHz_Face Up_Antenna 1**DUT: DIGITAL PORTABLE RADIO; Type:PD482 Uv; Serial: RDG210330013-SA-S1**

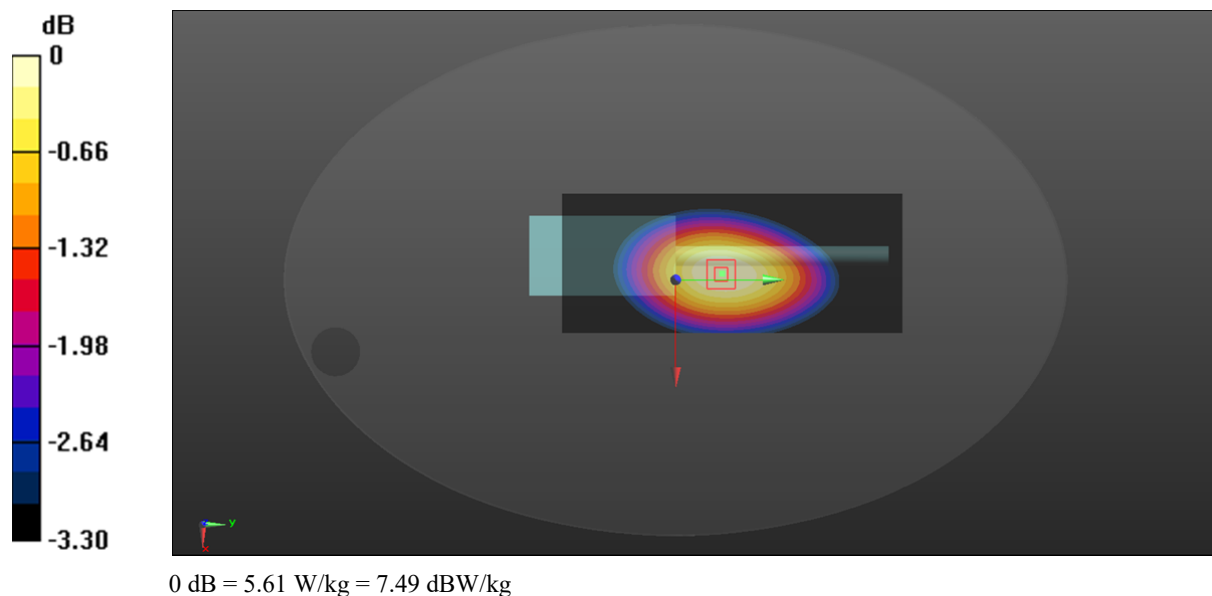
Communication System: FM; Frequency: 375.012 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 375.012 \text{ MHz}$; $\sigma = 0.848 \text{ S/m}$; $\epsilon_r = 45.178$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 375.012 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 (71x171x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 5.71 W/kg **Zoom Scan (5x5x4)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 75.05 V/m ; Power Drift = -0.08 dB Peak SAR (extrapolated) = 6.50 W/kg **SAR(1 g) = 5.46 W/kg ; SAR(10 g) = 4.67 W/kg** Maximum value of SAR (measured) = 5.61 W/kg 

Test Plot 4#: FM_12.5kHz_387.4875MHz_Face Up_Antenna 1**DUT: DIGITAL PORTABLE RADIO; Type:PD482 Uv; Serial: RDG210330013-SA-S1**

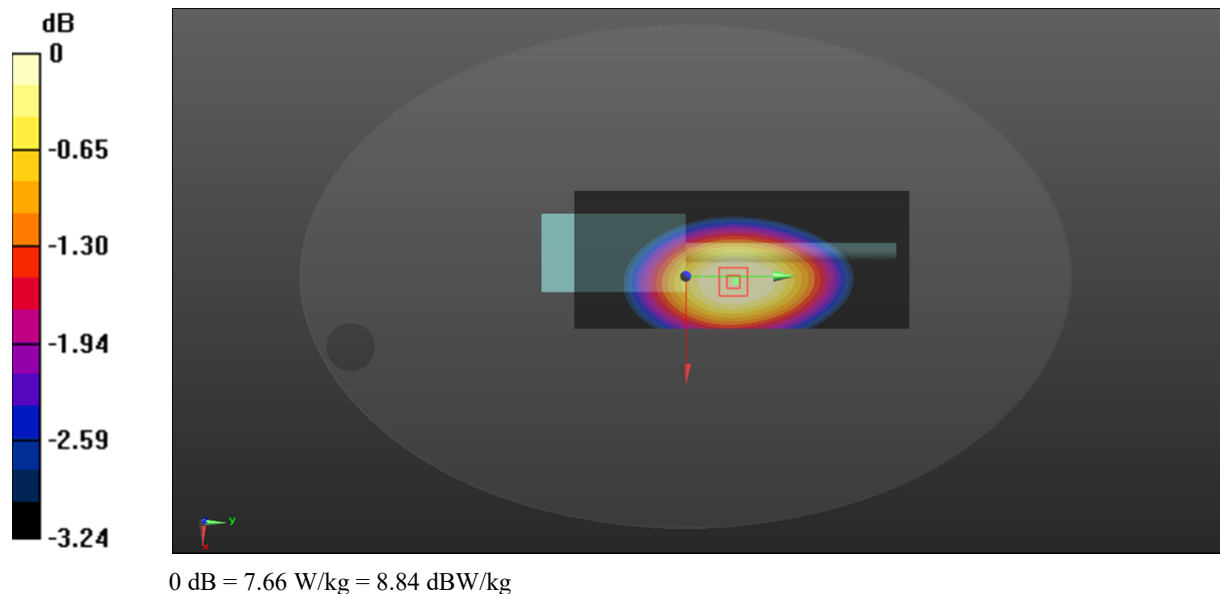
Communication System: FM; Frequency: 387.488 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 387.488 \text{ MHz}$; $\sigma = 0.851 \text{ S/m}$; $\epsilon_r = 45.065$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 387.488 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 (71x171x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 8.01 W/kg **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 88.28 V/m ; Power Drift = -0.15 dB Peak SAR (extrapolated) = 8.90 W/kg **SAR(1 g) = 7.45 W/kg ; SAR(10 g) = 6.33 W/kg** Maximum value of SAR (measured) = 7.66 W/kg 

Test Plot 5#: FM_12.5kHz_399.9875MHz_Face Up_Antenna 1**DUT: DIGITAL PORTABLE RADIO; Type:PD482 Uv; Serial: RDG210330013-SA-S1**

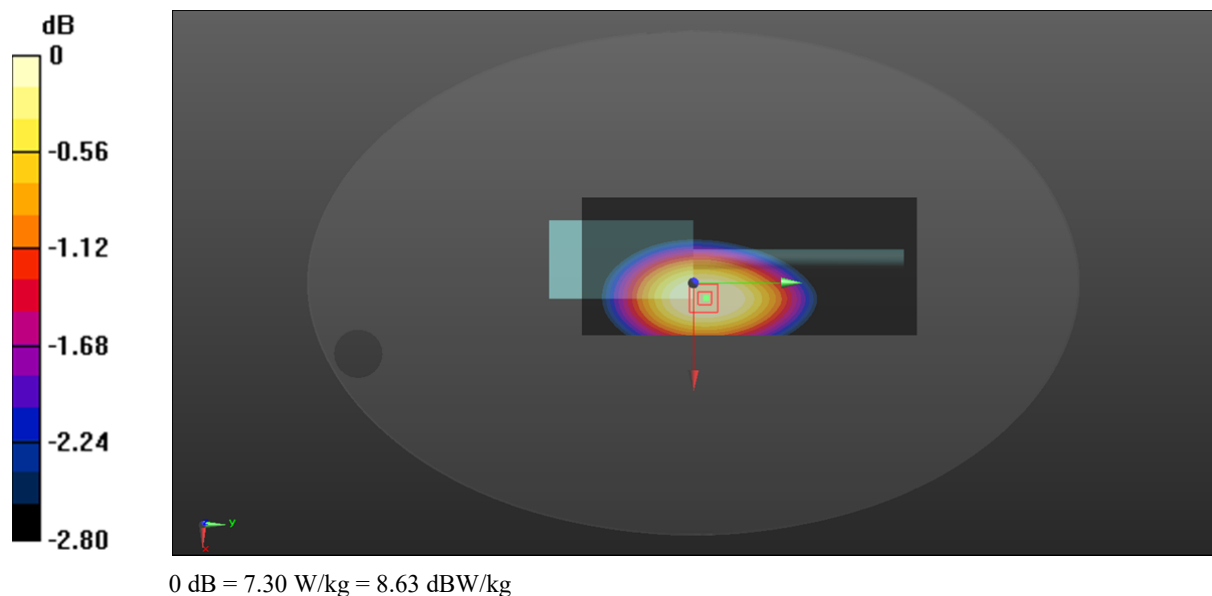
Communication System: FM; Frequency: 399.988 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 399.988 \text{ MHz}$; $\sigma = 0.863 \text{ S/m}$; $\epsilon_r = 44.848$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 399.988 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 (71x171x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 7.64 W/kg **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 90.00 V/m ; Power Drift = -0.01 dB Peak SAR (extrapolated) = 8.54 W/kg **SAR(1 g) = 7.09 W/kg ; SAR(10 g) = 6.02 W/kg** Maximum value of SAR (measured) = 7.30 W/kg 

Test Plot 6#: FM_12.5kHz_400.0125MHz_Face Up_Antenna 2**DUT: DIGITAL PORTABLE RADIO; Type:PD482 Uv; Serial: RDG210330013-SA-S1**

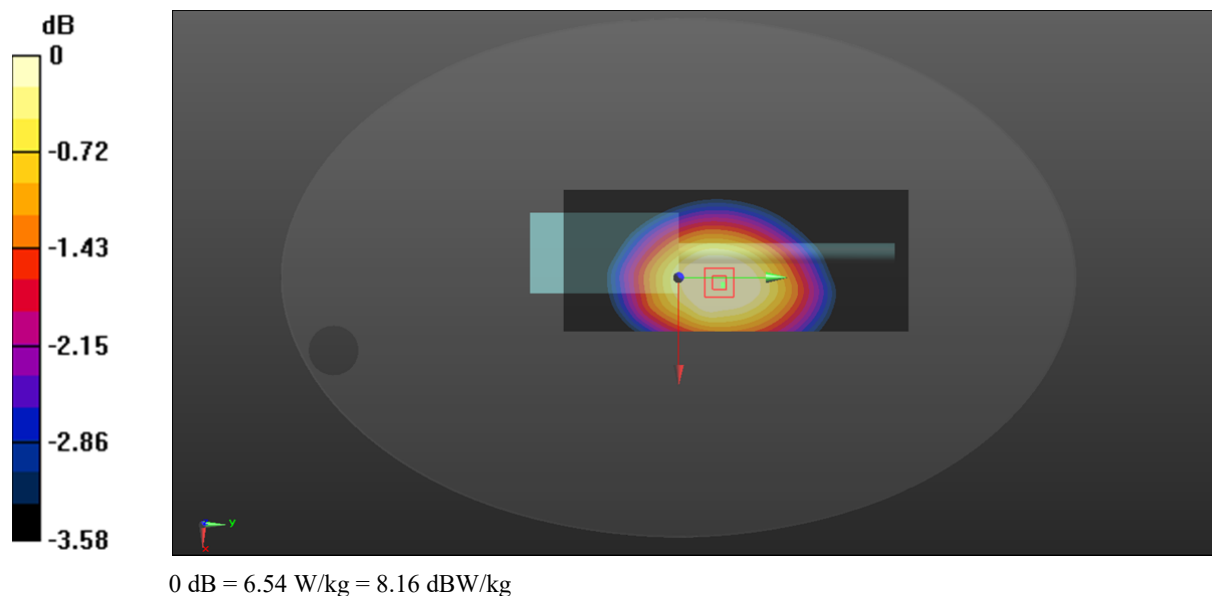
Communication System: FM; Frequency: 400.012 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 400.012 \text{ MHz}$; $\sigma = 0.865 \text{ S/m}$; $\epsilon_r = 44.791$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 400.012 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 (71x171x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 7.05 W/kg **Zoom Scan (5x6x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 85.63 V/m ; Power Drift = -0.09 dB Peak SAR (extrapolated) = 7.13 W/kg **SAR(1 g) = 6.39 W/kg ; SAR(10 g) = 5.54 W/kg** Maximum value of SAR (measured) = 6.54 W/kg 

Test Plot 7#: FM_25kHz_350.0125MHz_Face Up_Antenna 1**DUT: DIGITAL PORTABLE RADIO; Type:PD482 Uv; Serial: RDG210330013-SA-S1**

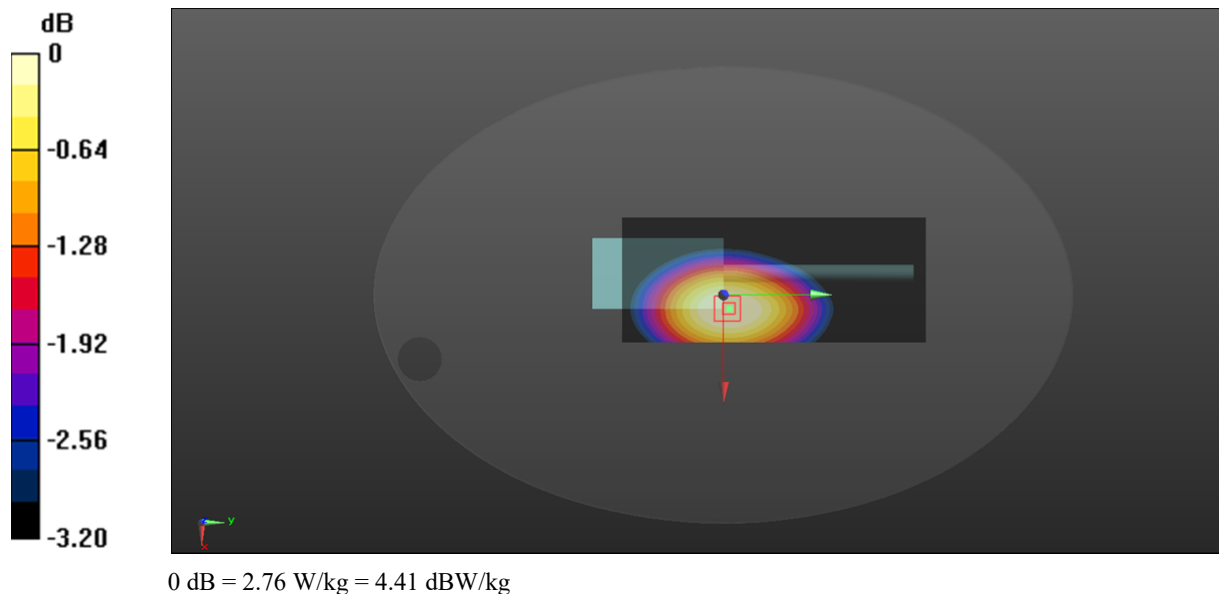
Communication System: FM; Frequency: 350.012 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 350.012 \text{ MHz}$; $\sigma = 0.836 \text{ S/m}$; $\epsilon_r = 45.481$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 350.012 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 (71x171x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 2.86 W/kg **Zoom Scan (5x6x4)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 56.12 V/m ; Power Drift = -0.12 dB Peak SAR (extrapolated) = 3.13 W/kg **SAR(1 g) = 2.69 W/kg ; SAR(10 g) = 2.34 W/kg** Maximum value of SAR (measured) = 2.76 W/kg 

Test Plot 8#: FM_25kHz_362.5125MHz_Face Up_Antenna 1**DUT: DIGITAL PORTABLE RADIO; Type:PD482 Uv; Serial: RDG210330013-SA-S1**

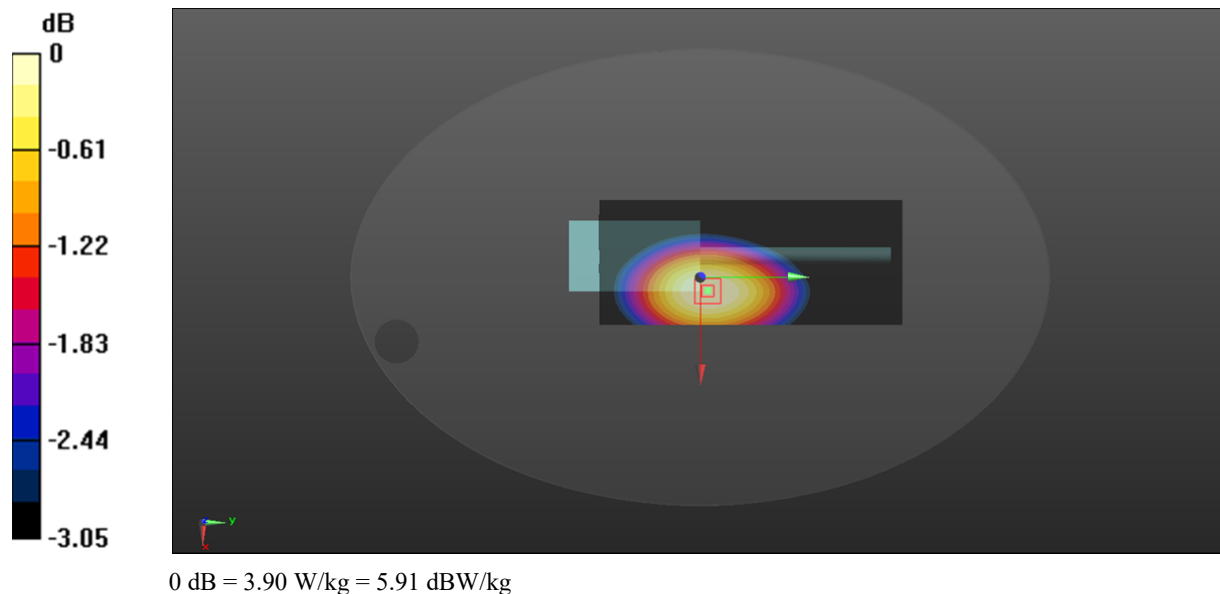
Communication System: FM; Frequency: 362.512 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 362.512 \text{ MHz}$; $\sigma = 0.841 \text{ S/m}$; $\epsilon_r = 45.263$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 362.512 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 (71x171x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 4.00 W/kg **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 66.69 V/m ; Power Drift = -0.15 dB Peak SAR (extrapolated) = 4.47 W/kg **SAR(1 g) = 3.8 W/kg ; SAR(10 g) = 3.29 W/kg** Maximum value of SAR (measured) = 3.90 W/kg 

Test Plot 9#: FM_25kHz_375.0125MHz_Face Up_Antenna 1**DUT: DIGITAL PORTABLE RADIO; Type:PD482 Uv; Serial: RDG210330013-SA-S1**

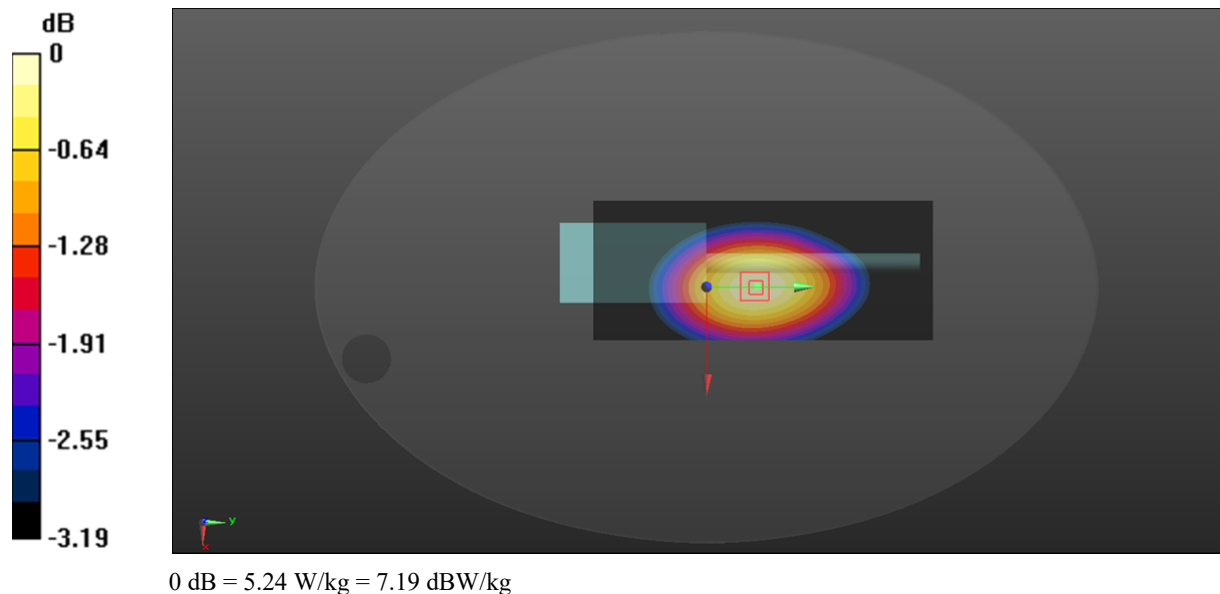
Communication System: FM; Frequency: 375.012 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 375.012 \text{ MHz}$; $\sigma = 0.848 \text{ S/m}$; $\epsilon_r = 45.178$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 375.012 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 (71x171x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 5.25 W/kg **Zoom Scan (5x5x4)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 71.67 V/m ; Power Drift = -0.01 dB Peak SAR (extrapolated) = 6.02 W/kg **SAR(1 g) = 5.1 W/kg ; SAR(10 g) = 4.38 W/kg** Maximum value of SAR (measured) = 5.24 W/kg 

Test Plot 10#: FM_25kHz_387.4875MHz_Face Up_Antenna 1

DUT: DIGITAL PORTABLE RADIO; Type:PD482 Uv; Serial: RDG210330013-SA-S1

Communication System: FM; Frequency: 387.488 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 387.488 \text{ MHz}$; $\sigma = 0.851 \text{ S/m}$; $\epsilon_r = 45.065$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 387.488 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 (71x171x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 7.42 W/kg

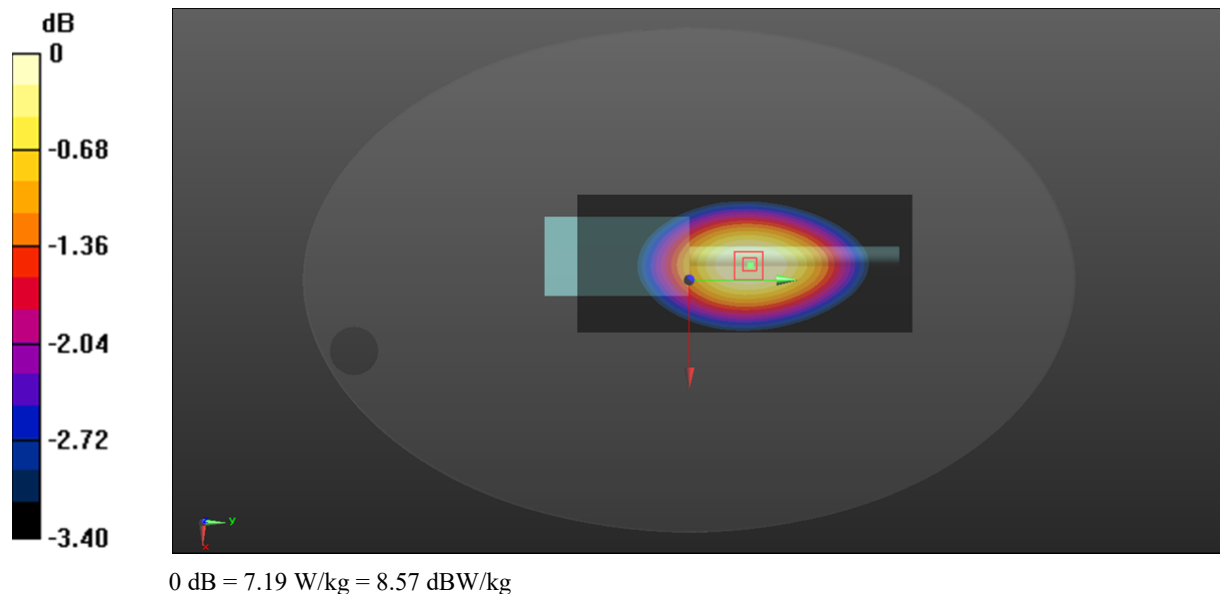
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 79.94 V/m ; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 8.40 W/kg

SAR(1 g) = 6.98 W/kg ; SAR(10 g) = 5.91 W/kg

Maximum value of SAR (measured) = 7.19 W/kg



Test Plot 11#: FM_25kHz_399.9875MHz_Face Up_Antenna 1**DUT: DIGITAL PORTABLE RADIO; Type:PD482 Uv; Serial: RDG210330013-SA-S1**

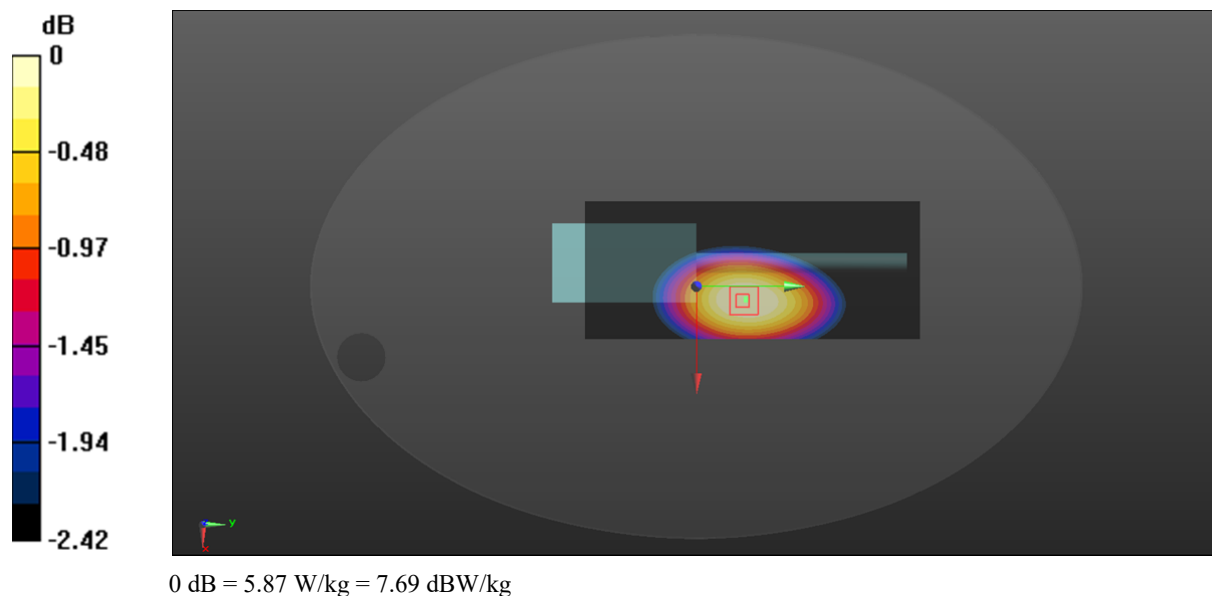
Communication System: FM; Frequency: 399.988 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 399.988 \text{ MHz}$; $\sigma = 0.863 \text{ S/m}$; $\epsilon_r = 44.848$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 399.988 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 (71x171x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 6.03 W/kg **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 74.91 V/m ; Power Drift = -0.12 dB Peak SAR (extrapolated) = 6.90 W/kg **SAR(1 g) = 5.71 W/kg ; SAR(10 g) = 4.83 W/kg** Maximum value of SAR (measured) = 5.87 W/kg 

Test Plot 12#: FM_25kHz_400.0125MHz_Face Up_Antenna 2**DUT: DIGITAL PORTABLE RADIO; Type:PD482 Uv; Serial: RDG210330013-SA-S1**

Communication System: FM; Frequency: 400.012 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 400.012$ MHz; $\sigma = 0.865$ S/m; $\epsilon_r = 44.791$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 400.012 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 (71x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 6.95 W/kg

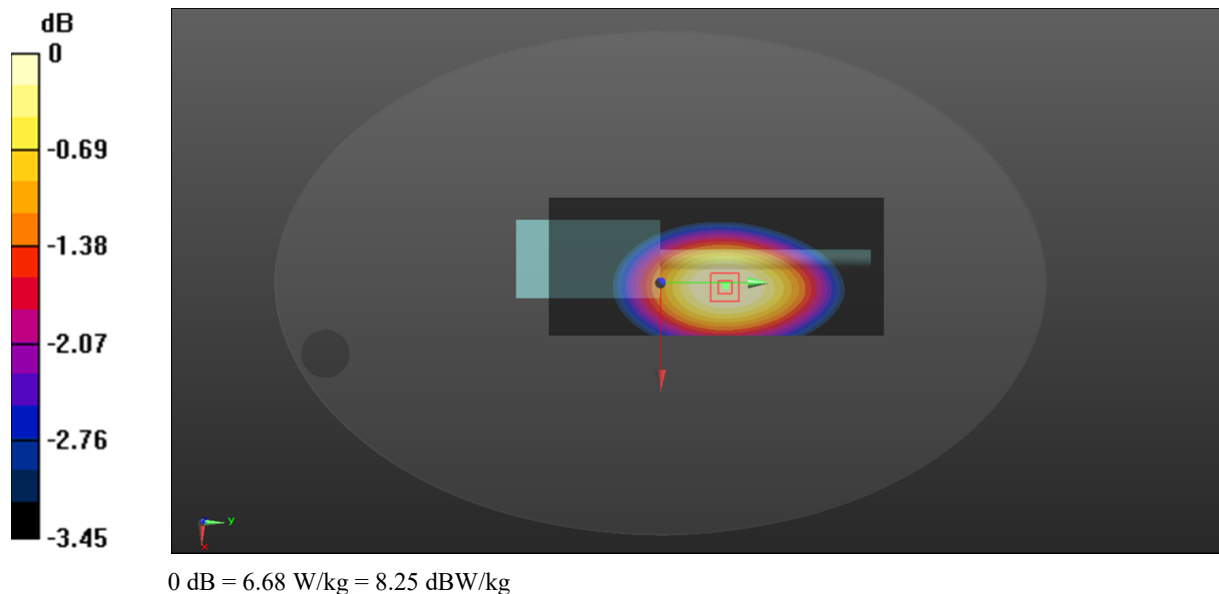
Zoom Scan (5x5x4)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 77.50 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 7.81 W/kg

SAR(1 g) = 6.47 W/kg; SAR(10 g) = 5.45 W/kg

Maximum value of SAR (measured) = 6.68 W/kg



Test Plot 13#:4FSK_387.4875MHz_Face Up_Antenna 1**DUT: DIGITAL PORTABLE RADIO; Type:PD482 Uv; Serial: RDG210330013-SA-S1**

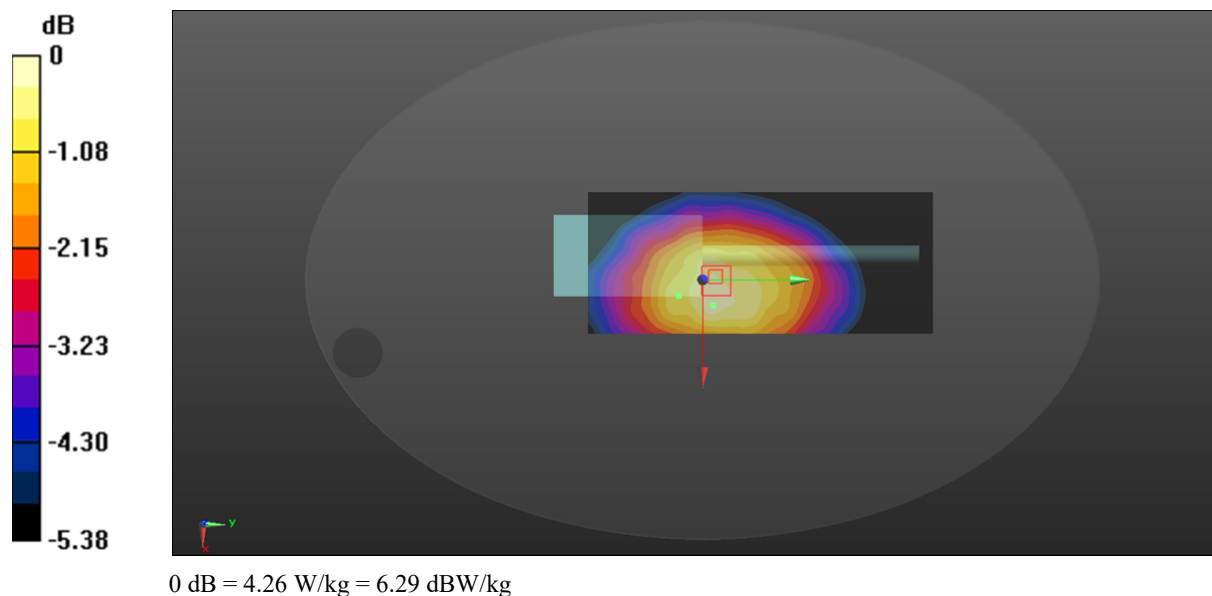
Communication System: 4FSK; Frequency: 387.488 MHz;Duty Cycle: 1:2

Medium parameters used: $f = 387.488 \text{ MHz}$; $\sigma = 0.851 \text{ S/m}$; $\epsilon_r = 45.065$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 387.488 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 (71x171x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 4.07 W/kg **Zoom Scan (7x6x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 71.23 V/m ; Power Drift = -0.14 dB Peak SAR (extrapolated) = 4.51 W/kg **SAR(1 g) = 4.12 W/kg ; SAR(10 g) = 3.51 W/kg** Maximum value of SAR (measured) = 4.26 W/kg 

Test Plot 14#:4FSK_400.0125MHz_Face Up_Antenna 2**DUT: DIGITAL PORTABLE RADIO; Type:PD482 Uv; Serial: RDG210330013-SA-S1**

Communication System: 4FSK; Frequency: 400.012 MHz;Duty Cycle: 1:2

Medium parameters used: $f = 400.012$ MHz; $\sigma = 0.865$ S/m; $\epsilon_r = 44.791$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 400.012 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 (71x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 3.49 W/kg

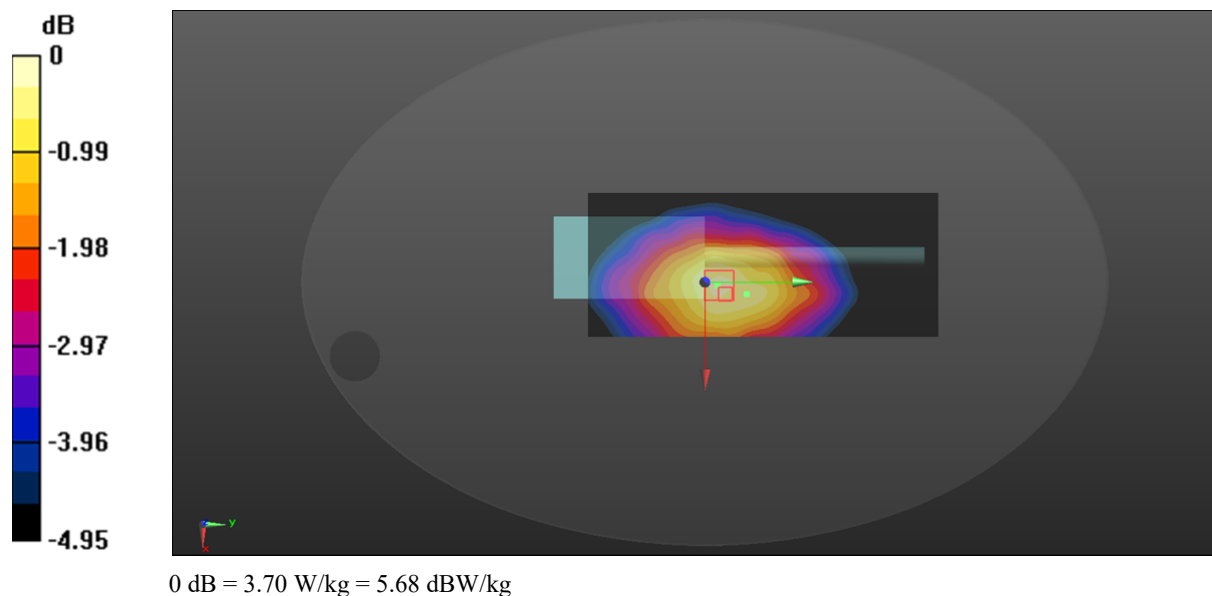
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 64.52 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 4.20 W/kg

SAR(1 g) = 3.45 W/kg; SAR(10 g) = 2.96 W/kg

Maximum value of SAR (measured) = 3.70 W/kg



Test Plot 15#: FM_12.5kHz_350.0125MHz_Body Back_Antenna 1**DUT: DIGITAL PORTABLE RADIO; Type:PD482 Uv; Serial: RDG210330013-SA-S1**

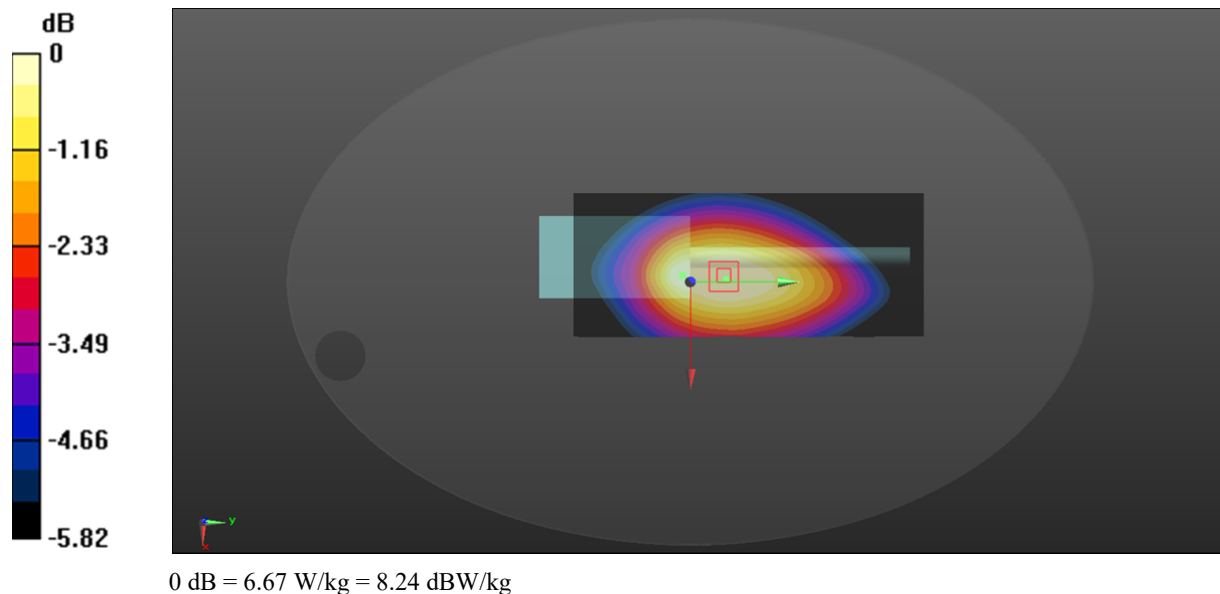
Communication System: FM; Frequency: 350.012 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 350.012 \text{ MHz}$; $\sigma = 0.836 \text{ S/m}$; $\epsilon_r = 45.481$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 350.012 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 (71x171x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 7.03 W/kg **Zoom Scan (5x6x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 92.89 V/m ; Power Drift = -0.10 dB Peak SAR (extrapolated) = 7.52 W/kg **SAR(1 g) = 6.45 W/kg ; SAR(10 g) = 5.26 W/kg** Maximum value of SAR (measured) = 6.67 W/kg 

Test Plot 16#: FM_12.5kHz_362.5125MHz_Body Back_Antenna 1**DUT: DIGITAL PORTABLE RADIO; Type:PD482 Uv; Serial: RDG210330013-SA-S1**

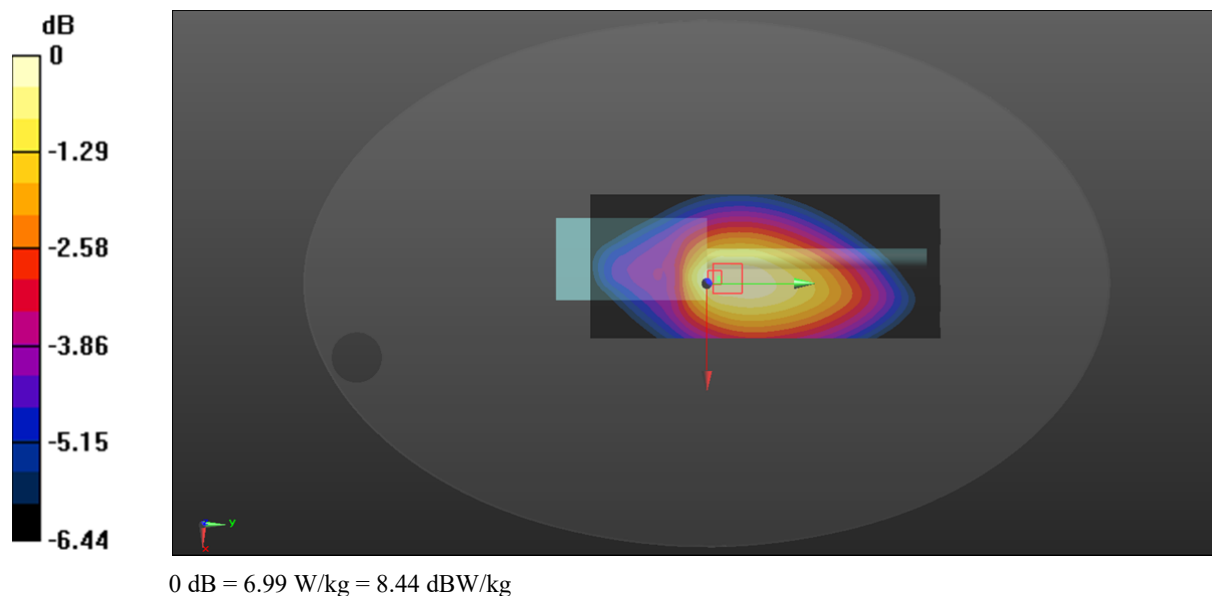
Communication System: FM; Frequency: 362.512 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 362.512 \text{ MHz}$; $\sigma = 0.841 \text{ S/m}$; $\epsilon_r = 45.263$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 362.512 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 (71x171x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 7.23 W/kg **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 89.74 V/m ; Power Drift = -0.01 dB Peak SAR (extrapolated) = 8.71 W/kg **SAR(1 g) = 6.69 W/kg ; SAR(10 g) = 5.36 W/kg** Maximum value of SAR (measured) = 6.99 W/kg 

Test Plot 17#: FM_12.5kHz_375.0125MHz_Body Back_Antenna 1**DUT: DIGITAL PORTABLE RADIO; Type:PD482 Uv; Serial: RDG210330013-SA-S1**

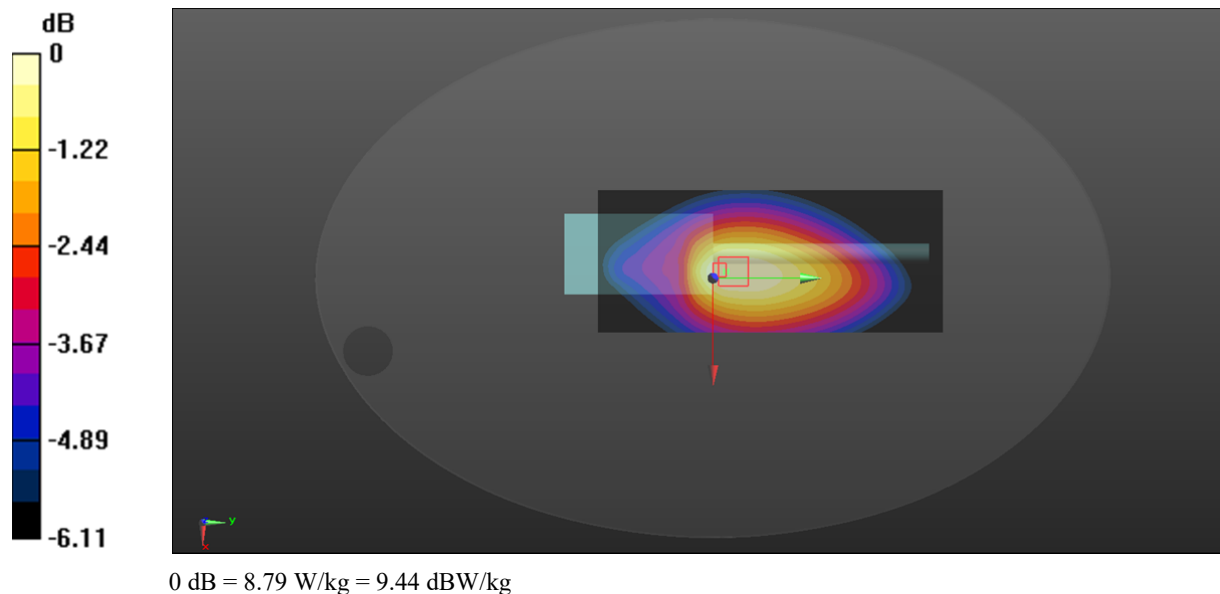
Communication System: FM; Frequency: 375.012 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 375.012 \text{ MHz}$; $\sigma = 0.848 \text{ S/m}$; $\epsilon_r = 45.178$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 375.012 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 (71x171x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 9.19 W/kg **Zoom Scan (5x5x4)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 103.2 V/m ; Power Drift = -0.07 dB Peak SAR (extrapolated) = 10.7 W/kg **SAR(1 g) = 8.41 W/kg ; SAR(10 g) = 6.81 W/kg** Maximum value of SAR (measured) = 8.79 W/kg 

Test Plot 18#: FM_12.5kHz_387.4875MHz_Body Back_Antenna 1

DUT: DIGITAL PORTABLE RADIO; Type:PD482 Uv; Serial: RDG210330013-SA-S1

Communication System: FM; Frequency: 387.488 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 387.488 \text{ MHz}$; $\sigma = 0.851 \text{ S/m}$; $\epsilon_r = 45.065$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 387.488 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 (71x171x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 12.2 W/kg

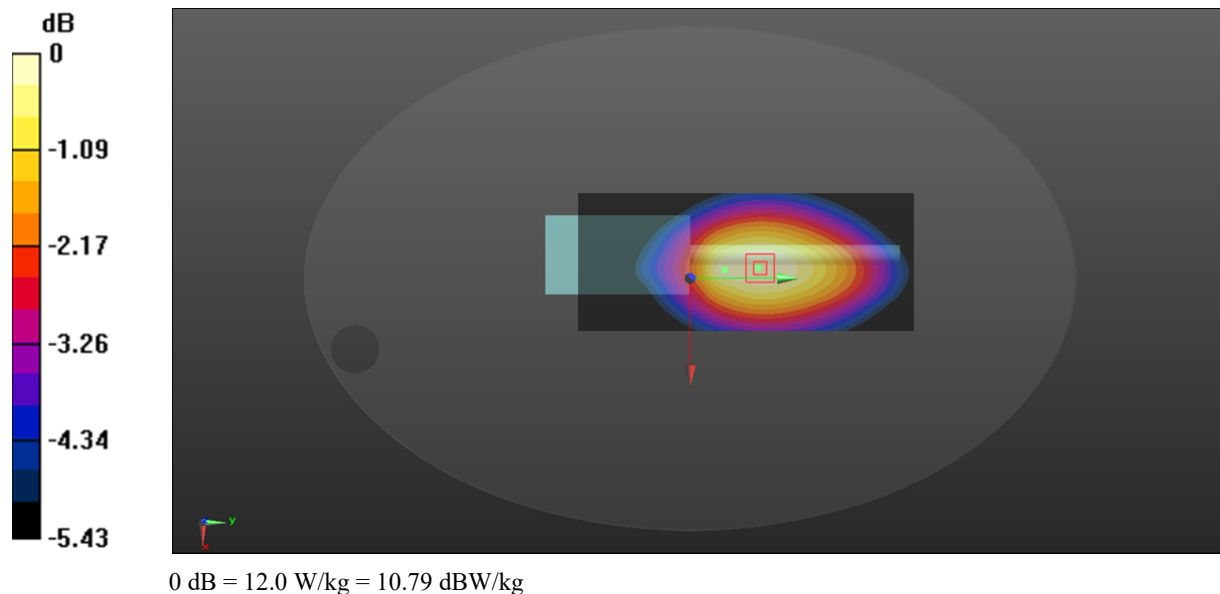
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 89.57 V/m ; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 14.1 W/kg

SAR(1 g) = 11.5 W/kg ; SAR(10 g) = 9.12 W/kg

Maximum value of SAR (measured) = 12.0 W/kg



Test Plot 19#: FM_12.5kHz_399.9875MHz_Body Back_Antenna 1

DUT: DIGITAL PORTABLE RADIO; Type:PD482 Uv; Serial: RDG210330013-SA-S1

Communication System: FM; Frequency: 399.988 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 399.988 \text{ MHz}$; $\sigma = 0.863 \text{ S/m}$; $\epsilon_r = 44.848$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 399.988 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 (71x171x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 10.6 W/kg

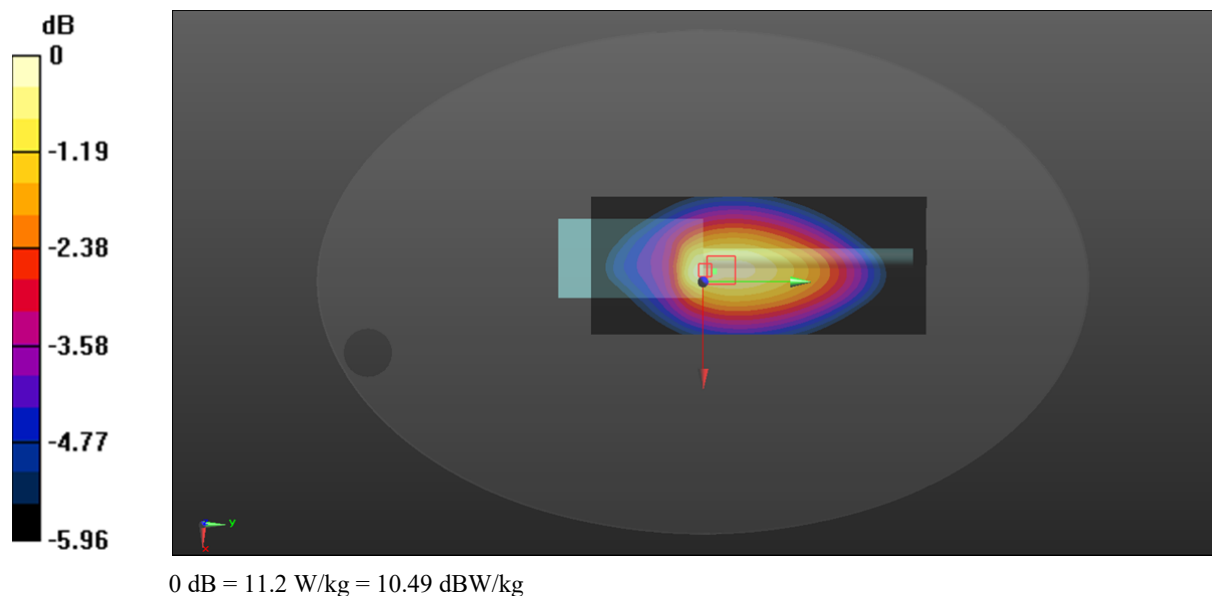
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 115.4 V/m ; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 13.5 W/kg

SAR(1 g) = 10.6 W/kg ; SAR(10 g) = 8.66 W/kg

Maximum value of SAR (measured) = 11.2 W/kg



Test Plot 20#: FM_12.5kHz_400.0125MHz _Body Back _Antenna 2

DUT: DIGITAL PORTABLE RADIO; Type:PD482 Uv; Serial: RDG210330013-SA-S1

Communication System: FM; Frequency: 400.012 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 400.012$ MHz; $\sigma = 0.865$ S/m; $\epsilon_r = 44.791$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 400.012 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 (71x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 11.9 W/kg

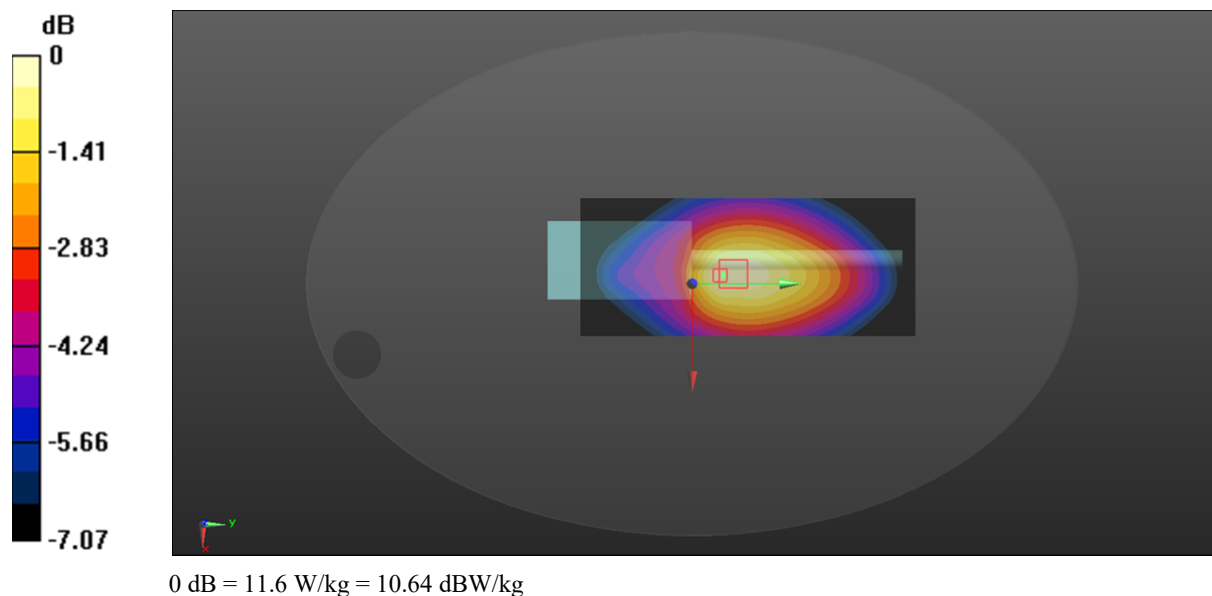
Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 90.26 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 15.1 W/kg

SAR(1 g) = 11 W/kg; SAR(10 g) = 8.56 W/kg

Maximum value of SAR (measured) = 11.6 W/kg



Test Plot 21#: FM_12.5kHz_417.5125MHz_Body Back_Antenna 2

DUT: DIGITAL PORTABLE RADIO; Type:PD482 Uv; Serial: RDG210330013-SA-S1

Communication System: FM; Frequency: 417.512 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 417.512$ MHz; $\sigma = 0.873$ S/m; $\epsilon_r = 44.614$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 417.512 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 (71x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 9.75 W/kg

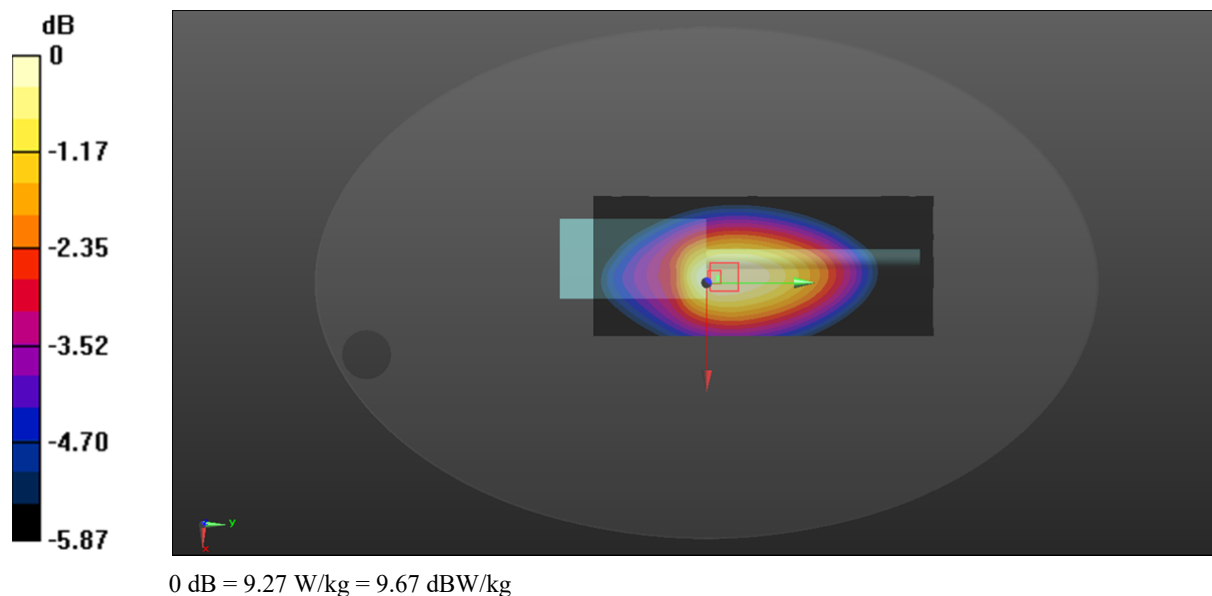
Zoom Scan (5x5x4)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 105.9 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 11.3 W/kg

SAR(1 g) = 8.88 W/kg; SAR(10 g) = 7.08 W/kg

Maximum value of SAR (measured) = 9.27 W/kg



Test Plot 22#: FM_12.5kHz_435MHz_ _Body Back _Antenna 2

DUT: DIGITAL PORTABLE RADIO; Type:PD482 Uv; Serial: RDG210330013-SA-S1

Communication System: FM; Frequency: 435 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 435 \text{ MHz}$; $\sigma = 0.879 \text{ S/m}$; $\epsilon_r = 44.54$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 435 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 (71x171x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 10.4 W/kg

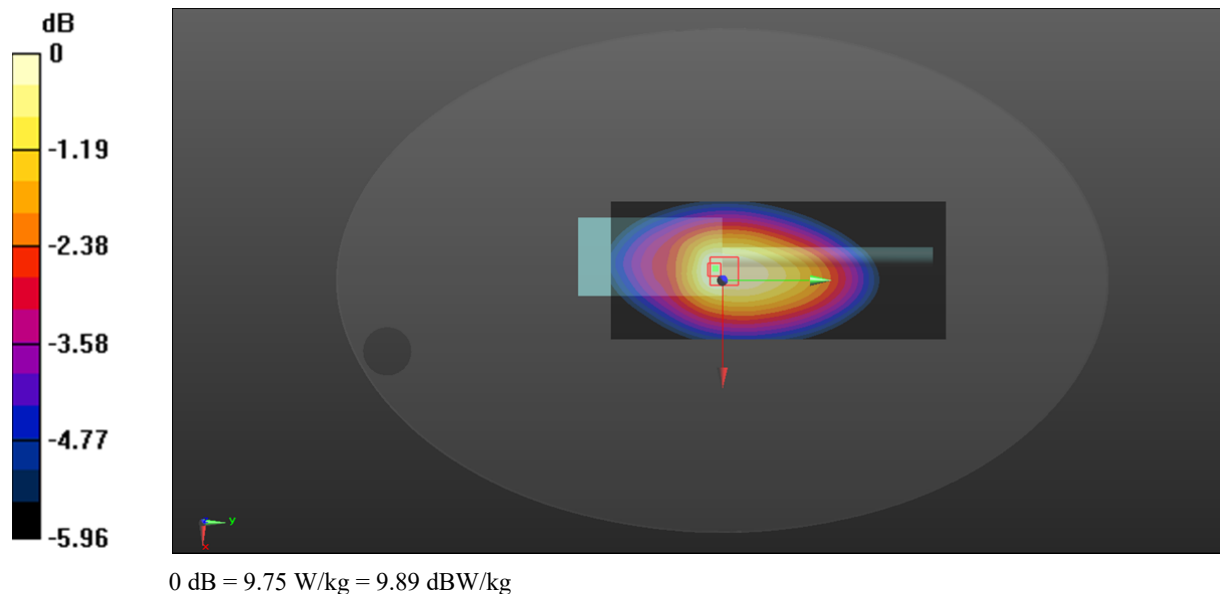
Zoom Scan (5x6x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 109.2 V/m ; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 12.0 W/kg

SAR(1 g) = 9.33 W/kg ; SAR(10 g) = 7.41 W/kg

Maximum value of SAR (measured) = 9.75 W/kg



Test Plot 23#: FM_12.5kHz_452.4875MHz_Body Back_Antenna 2

DUT: DIGITAL PORTABLE RADIO; Type:PD482 Uv; Serial: RDG210330013-SA-S1

Communication System: FM; Frequency: 452.488 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 452.488$ MHz; $\sigma = 0.891$ S/m; $\epsilon_r = 44.32$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 452.488 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 (71x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 7.58 W/kg

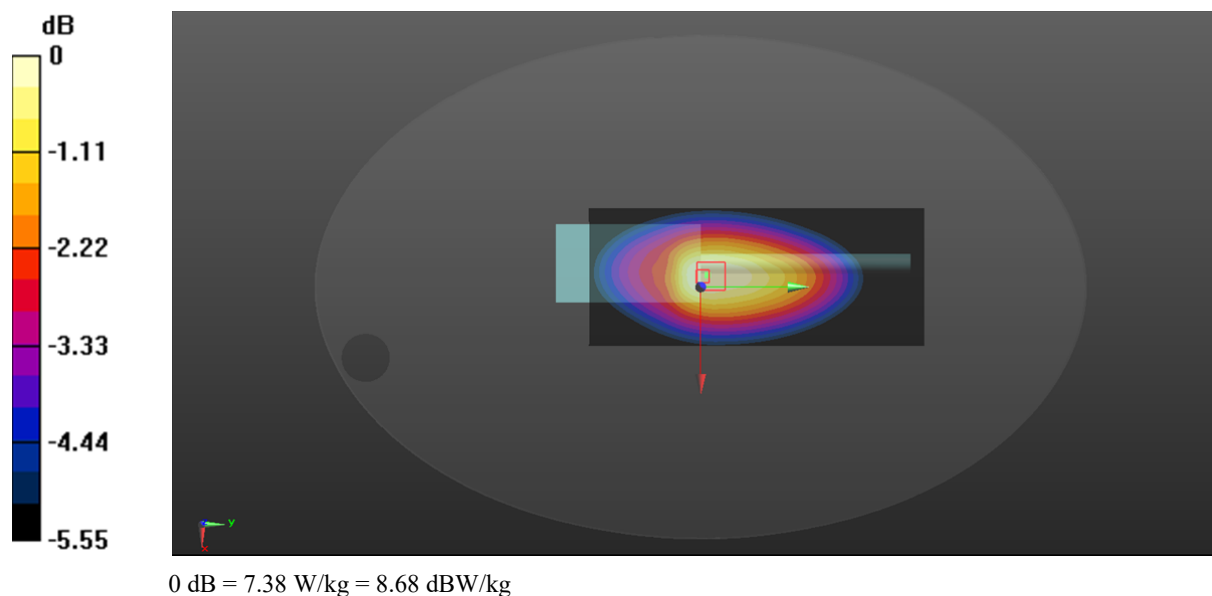
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 97.32 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 9.05 W/kg

SAR(1 g) = 7.1 W/kg; SAR(10 g) = 5.65 W/kg

Maximum value of SAR (measured) = 7.38 W/kg



Test Plot 24#: FM_12.5kHz_469.9875MHz_Body Back_Antenna 2**DUT: DIGITAL PORTABLE RADIO; Type:PD482 Uv; Serial: RDG210330013-SA-S1**

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

Medium parameters used: $f = 469.988$ MHz; $\sigma = 0.902$ S/m; $\epsilon_r = 44.162$; $\rho = 1000$ 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 (71x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 7.26 W/kg

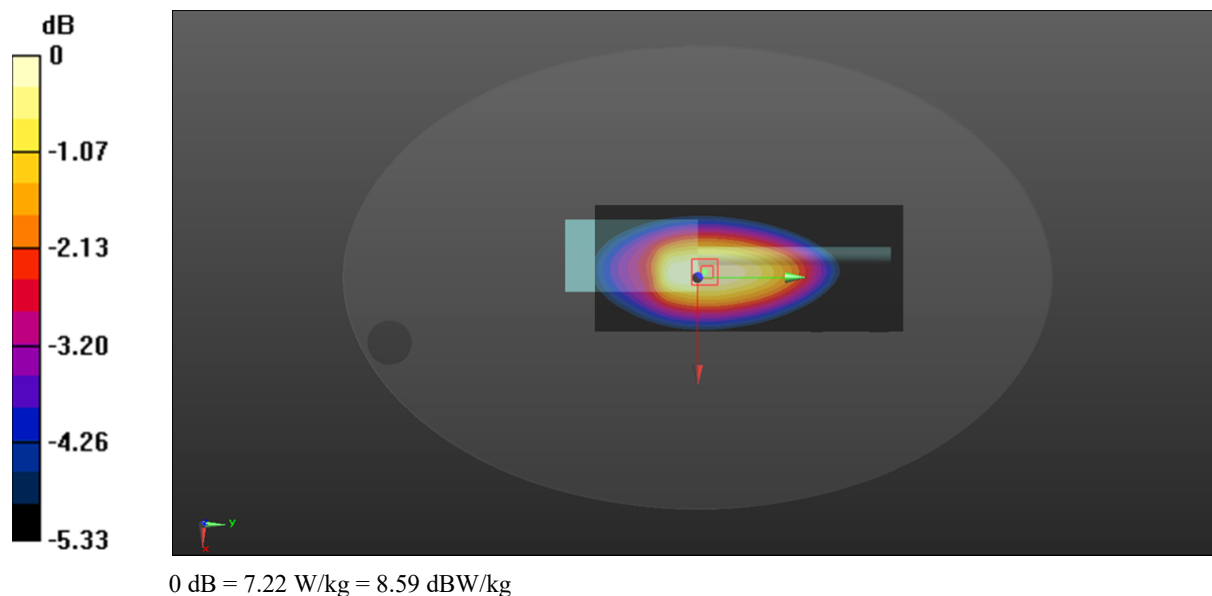
Zoom Scan (5x5x4)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 92.06 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 8.60 W/kg

SAR(1 g) = 6.93 W/kg; SAR(10 g) = 5.55 W/kg

Maximum value of SAR (measured) = 7.22 W/kg



Test Plot 25#: FM_25kHz_350.0125MHz_Body Back_Antenna 1**DUT: DIGITAL PORTABLE RADIO; Type:PD482 Uv; Serial: RDG210330013-SA-S1**

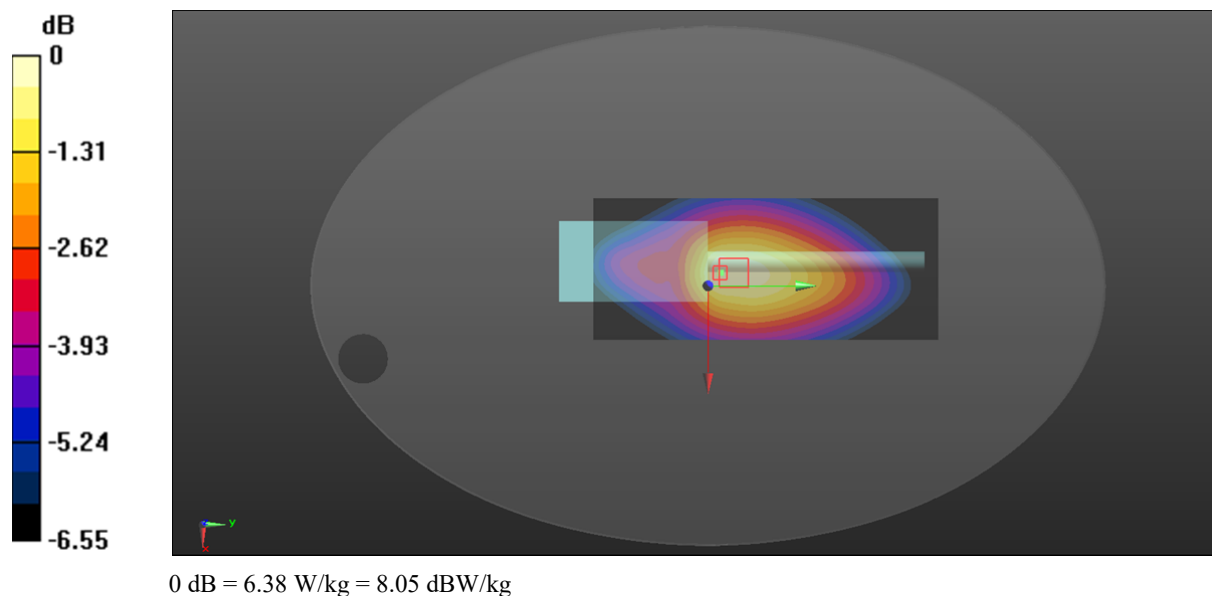
Communication System: FM; Frequency: 350.012 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 350.012 \text{ MHz}$; $\sigma = 0.836 \text{ S/m}$; $\epsilon_r = 45.481$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 350.012 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 (71x171x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 6.47 W/kg **Zoom Scan (5x6x4)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 82.40 V/m ; Power Drift = -0.18 dB Peak SAR (extrapolated) = 7.83 W/kg **SAR(1 g) = 6.1 W/kg ; SAR(10 g) = 4.86 W/kg** Maximum value of SAR (measured) = 6.38 W/kg 

Test Plot 26#: FM_25kHz_362.5125MHz_Body Back_Antenna 1**DUT: DIGITAL PORTABLE RADIO; Type:PD482 Uv; Serial: RDG210330013-SA-S1**

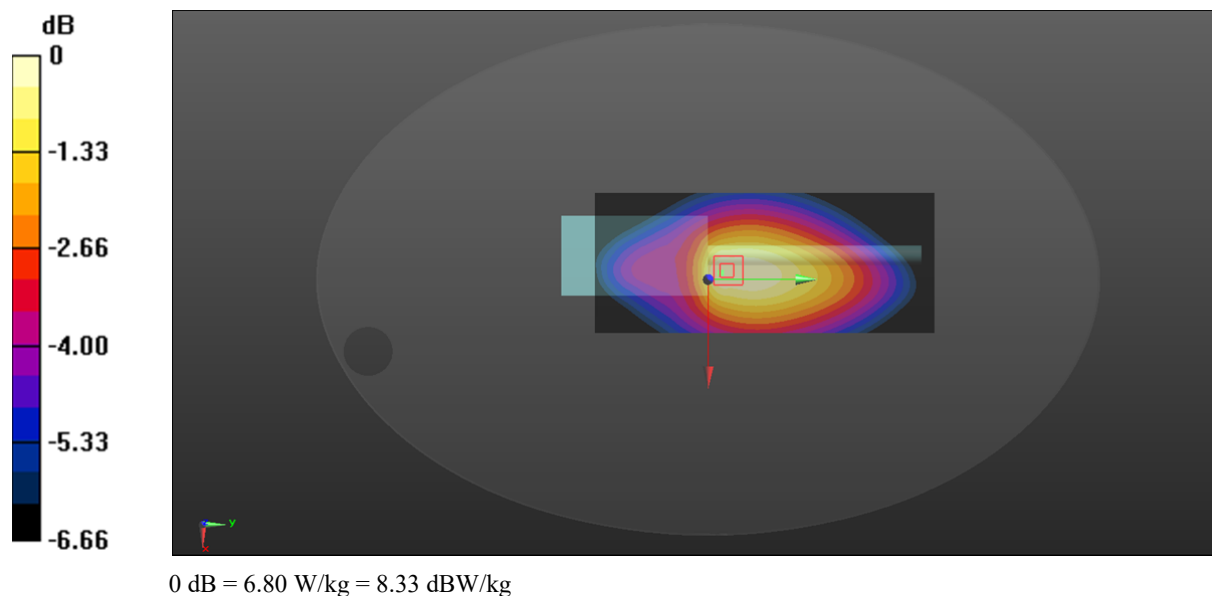
Communication System: FM; Frequency: 362.512 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 362.512 \text{ MHz}$; $\sigma = 0.841 \text{ S/m}$; $\epsilon_r = 45.263$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 362.512 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 (71x171x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 7.26 W/kg **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 85.93 V/m ; Power Drift = -0.06 dB Peak SAR (extrapolated) = 8.45 W/kg **SAR(1 g) = 6.54 W/kg ; SAR(10 g) = 5.17 W/kg** Maximum value of SAR (measured) = 6.80 W/kg 

Test Plot 27#: FM_25kHz_375.0125MHz_Body Back_Antenna 1**DUT: DIGITAL PORTABLE RADIO; Type:PD482 Uv; Serial: RDG210330013-SA-S1**

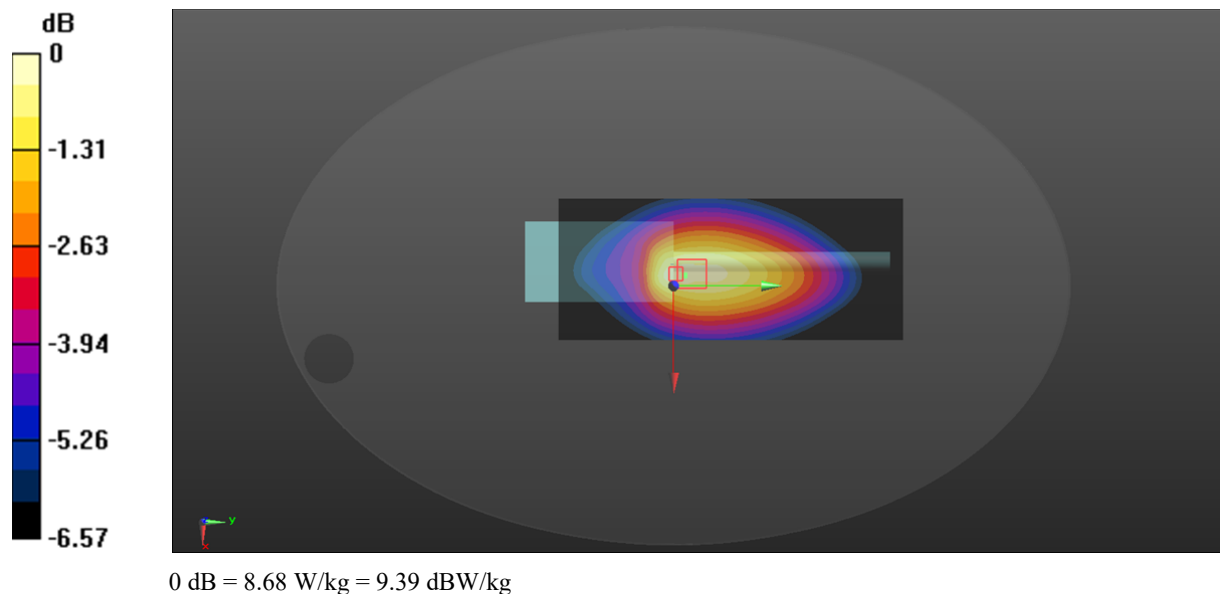
Communication System: FM; Frequency: 375.012 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 375.012 \text{ MHz}$; $\sigma = 0.848 \text{ S/m}$; $\epsilon_r = 45.178$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 375.012 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 (71x141x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 9.05 W/kg **Zoom Scan (5x5x4)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 99.47 V/m ; Power Drift = -0.15 dB Peak SAR (extrapolated) = 10.6 W/kg **SAR(1 g) = 8.34 W/kg ; SAR(10 g) = 6.65 W/kg** Maximum value of SAR (measured) = 8.68 W/kg 

Test Plot 28#: FM_25kHz_387.4875MHz_Body Back_Antenna 1

DUT: DIGITAL PORTABLE RADIO; Type:PD482 Uv; Serial: RDG210330013-SA-S1

Communication System: FM; Frequency: 387.488 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 387.488 \text{ MHz}$; $\sigma = 0.851 \text{ S/m}$; $\epsilon_r = 45.065$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 387.488 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 (71x171x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 12.2 W/kg

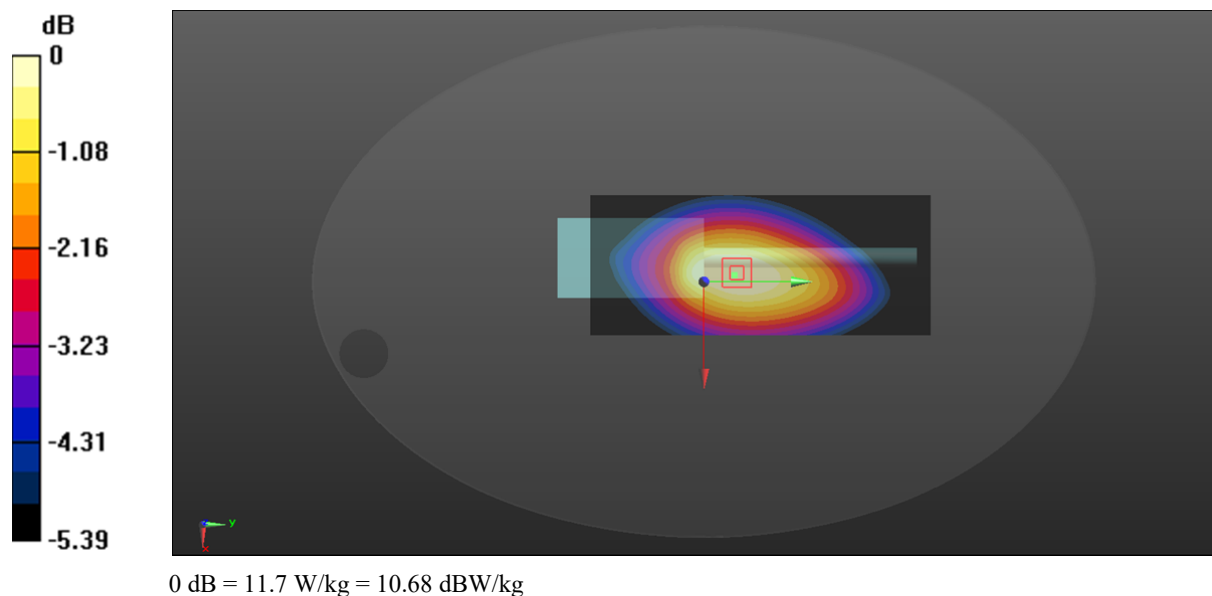
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 121.0 V/m ; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 13.0 W/kg

SAR(1 g) = 11.3 W/kg ; SAR(10 g) = 9.42 W/kg

Maximum value of SAR (measured) = 11.7 W/kg



Test Plot 29#: FM_25kHz_399.9875MHz_Body Back_Antenna 1**DUT: DIGITAL PORTABLE RADIO; Type:PD482 Uv; Serial: RDG210330013-SA-S1**

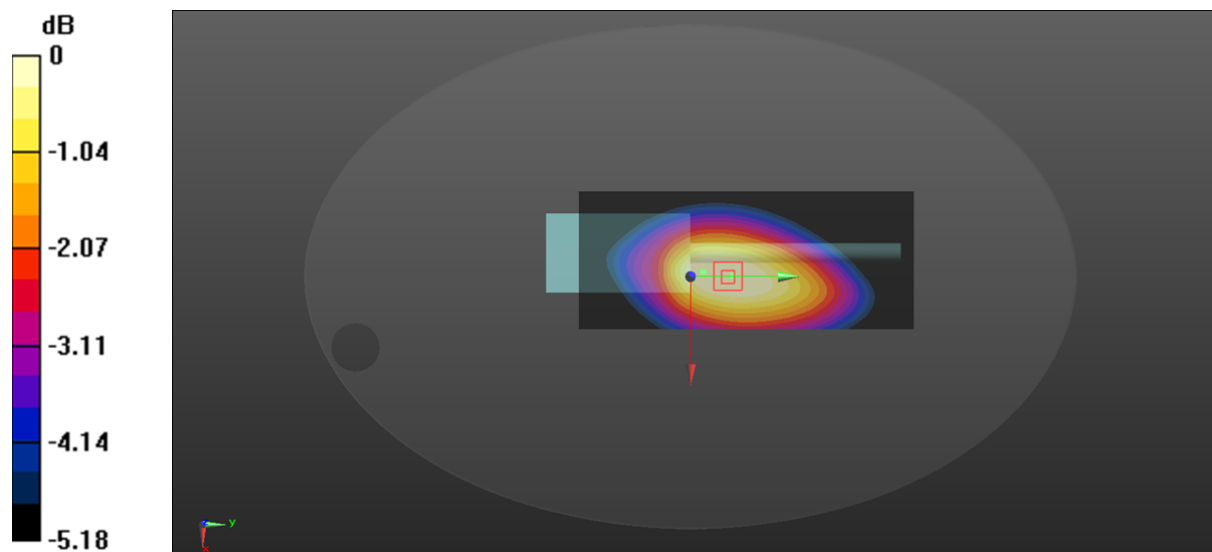
Communication System: FM; Frequency: 399.988 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 399.988 \text{ MHz}$; $\sigma = 0.863 \text{ S/m}$; $\epsilon_r = 44.848$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 399.988 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 (71x171x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 11.4 W/kg **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 112.9 V/m ; Power Drift = -0.06 dB Peak SAR (extrapolated) = 12.0 W/kg **SAR(1 g) = 10.5 W/kg ; SAR(10 g) = 8.77 W/kg** Maximum value of SAR (measured) = 10.9 W/kg 0 dB = 10.9 W/kg = 10.37 dBW/kg

Test Plot 30#: FM_25kHz_400.0125MHz _Body Back _Antenna 2

DUT: DIGITAL PORTABLE RADIO; Type:PD482 Uv; Serial: RDG210330013-SA-S1

Communication System: FM; Frequency: 400.012 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 400.012$ MHz; $\sigma = 0.865$ S/m; $\epsilon_r = 44.791$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 400.012 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 (71x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 11.7 W/kg

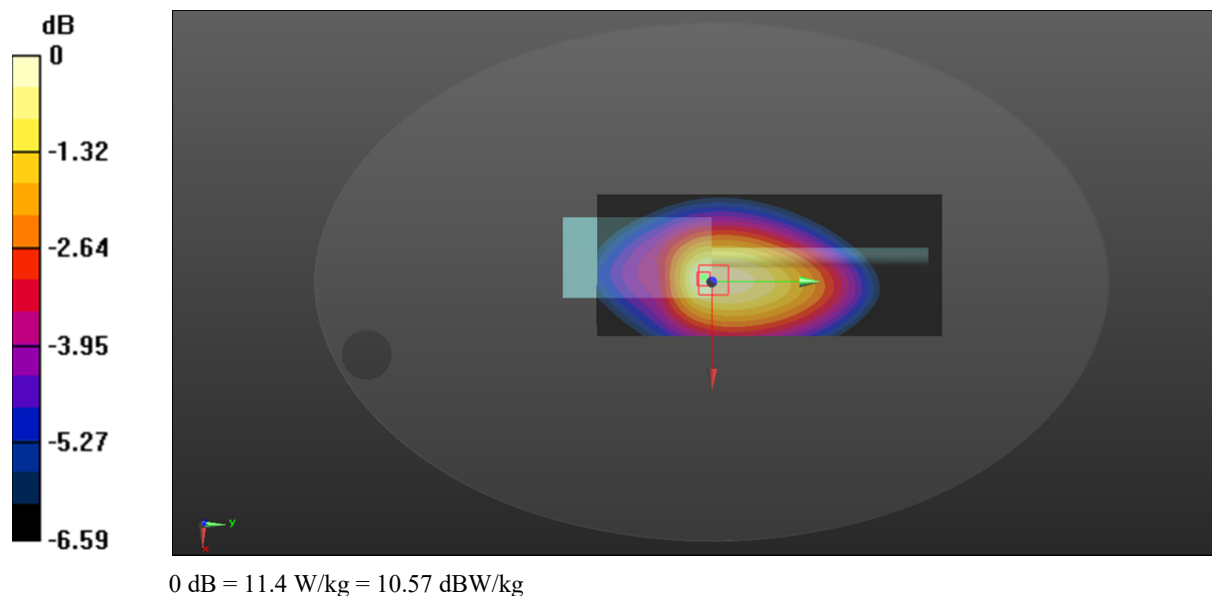
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 116.5 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 14.3 W/kg

SAR(1 g) = 10.9 W/kg; SAR(10 g) = 8.62 W/kg

Maximum value of SAR (measured) = 11.4 W/kg



Test Plot 31#: FM_25kHz_417.5125MHz _Body Back _Antenna 2

DUT: DIGITAL PORTABLE RADIO; Type:PD482 Uv; Serial: RDG210330013-SA-S1

Communication System: FM; Frequency: 417.512 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 417.512 \text{ MHz}$; $\sigma = 0.873 \text{ S/m}$; $\epsilon_r = 44.614$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 417.512 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 (71x171x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 10.5 W/kg

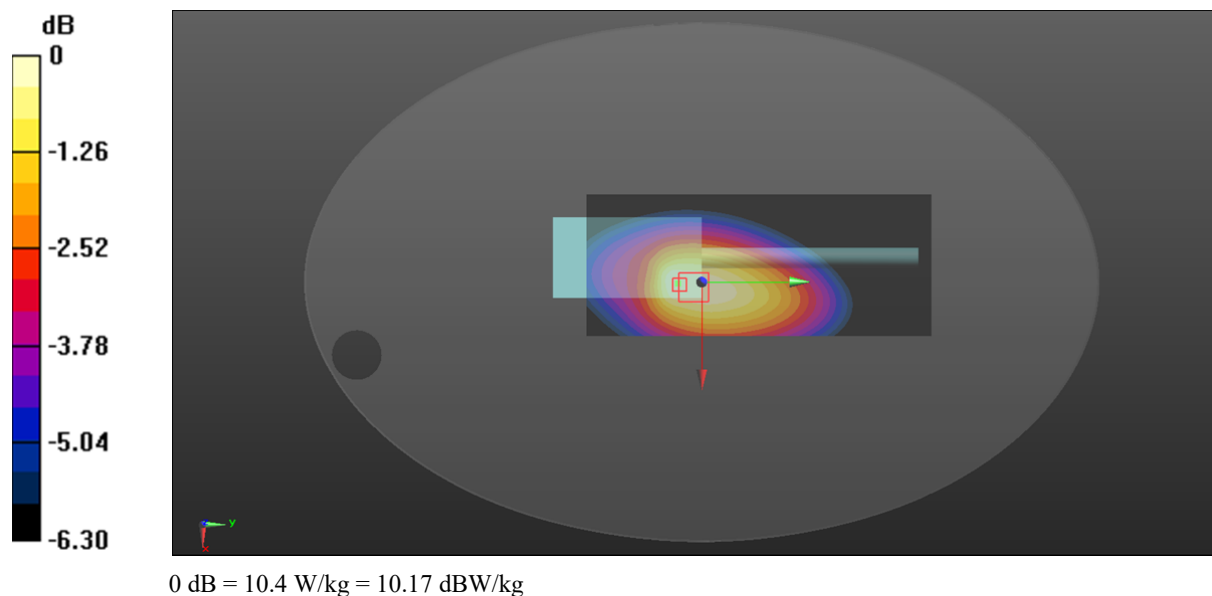
Zoom Scan (5x6x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 108.5 V/m ; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 12.9 W/kg

SAR(1 g) = 9.88 W/kg ; SAR(10 g) = 7.81 W/kg

Maximum value of SAR (measured) = 10.4 W/kg



Test Plot 32#: FM_25kHz_435MHz _Body Back _Antenna 2

DUT: DIGITAL PORTABLE RADIO; Type:PD482 Uv; Serial: RDG210330013-SA-S1

Communication System: FM; Frequency: 435 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 435 \text{ MHz}$; $\sigma = 0.879 \text{ S/m}$; $\epsilon_r = 44.54$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 435 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 (71x171x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 9.60 W/kg

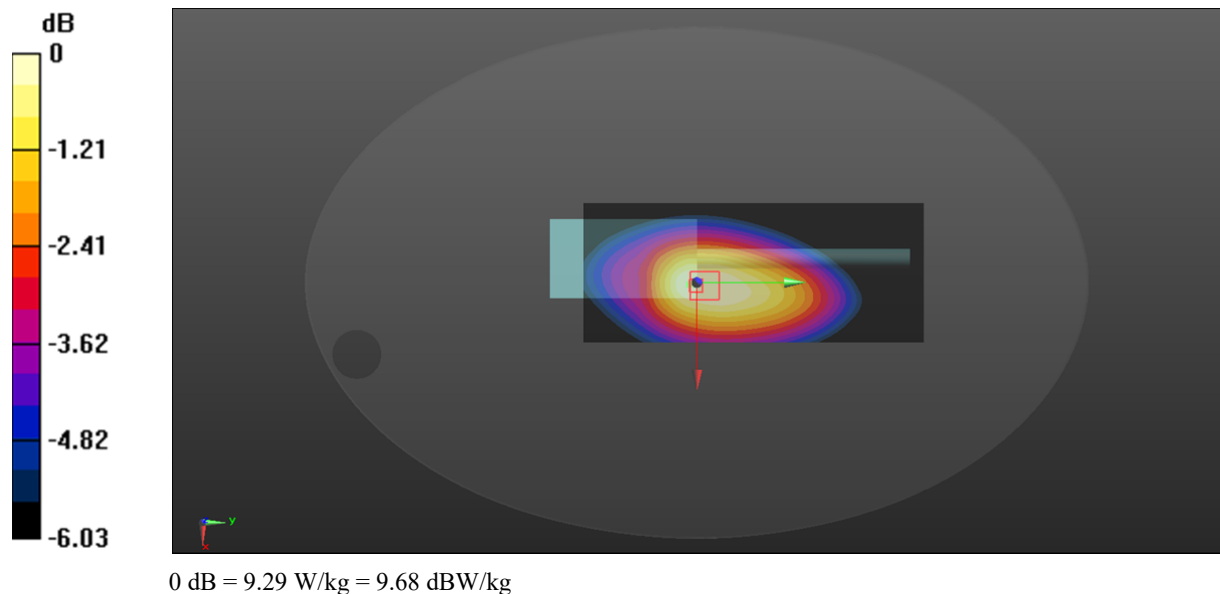
Zoom Scan (5x6x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 104.8 V/m ; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 11.2 W/kg

SAR(1 g) = 8.92 W/kg ; SAR(10 g) = 7.19 W/kg

Maximum value of SAR (measured) = 9.29 W/kg



Test Plot 33#: FM_25kHz_452.4875MHz _Body Back _Antenna 2

DUT: DIGITAL PORTABLE RADIO; Type:PD482 Uv; Serial: RDG210330013-SA-S1

Communication System: FM; Frequency: 452.488 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 452.488$ MHz; $\sigma = 0.891$ S/m; $\epsilon_r = 44.32$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 452.488 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 (71x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 10.6 W/kg

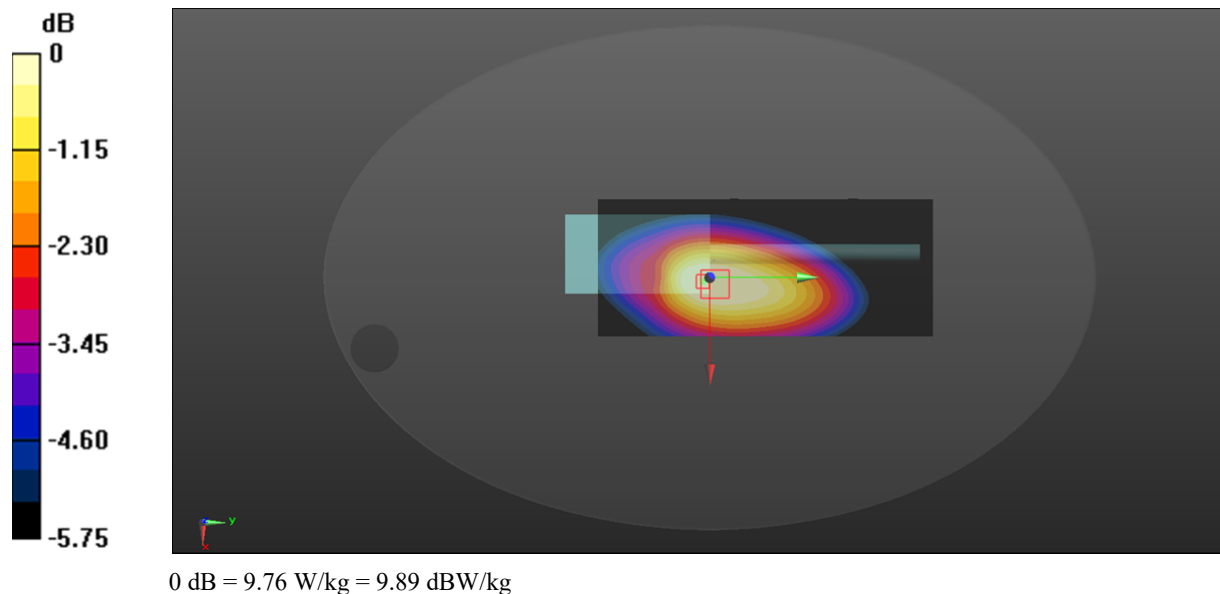
Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 116.4 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 12.0 W/kg

SAR(1 g) = 9.38 W/kg; SAR(10 g) = 7.52 W/kg

Maximum value of SAR (measured) = 9.76 W/kg



Test Plot 34#: FM_25kHz_469.9875MHz _Body Back _Antenna 2

DUT: DIGITAL PORTABLE RADIO; Type:PD482 Uv; Serial: RDG210330013-SA-S1

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

Medium parameters used: $f = 469.988$ MHz; $\sigma = 0.902$ S/m; $\epsilon_r = 44.162$; $\rho = 1000$ 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 (71x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 6.68 W/kg

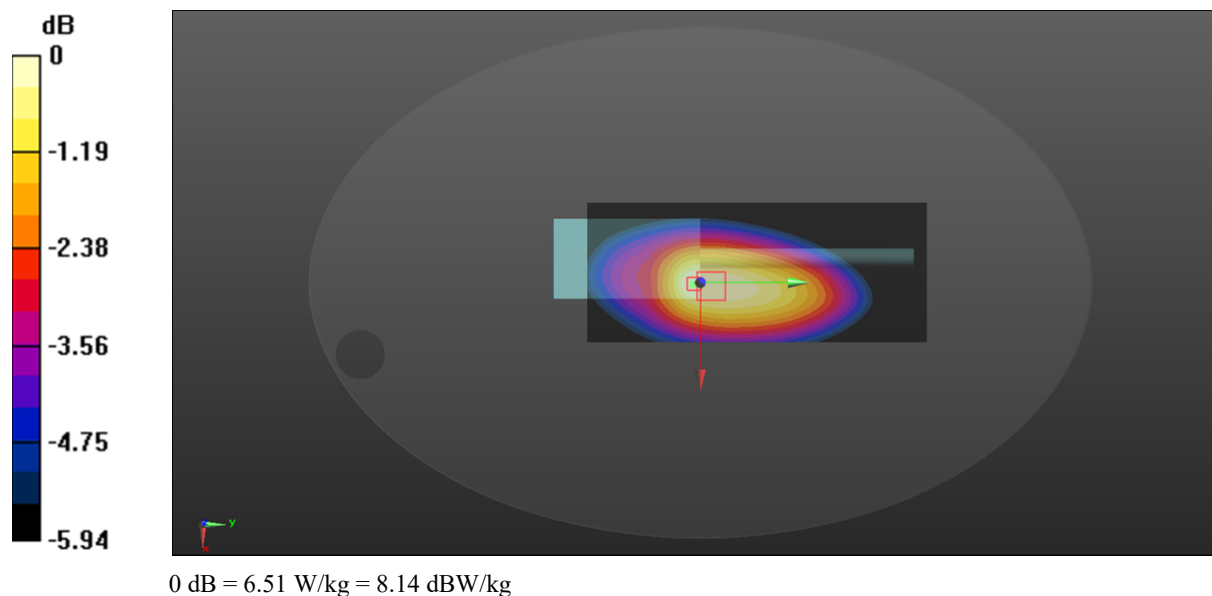
Zoom Scan (6x7x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 87.45 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 8.09 W/kg

SAR(1 g) = 6.24 W/kg; SAR(10 g) = 4.98 W/kg

Maximum value of SAR (measured) = 6.51 W/kg



Test Plot 35#:4FSK_387.4875MHz _ Body Back _Antenna 1**DUT: DIGITAL PORTABLE RADIO; Type:PD482 Uv; Serial: RDG210330013-SA-S1**

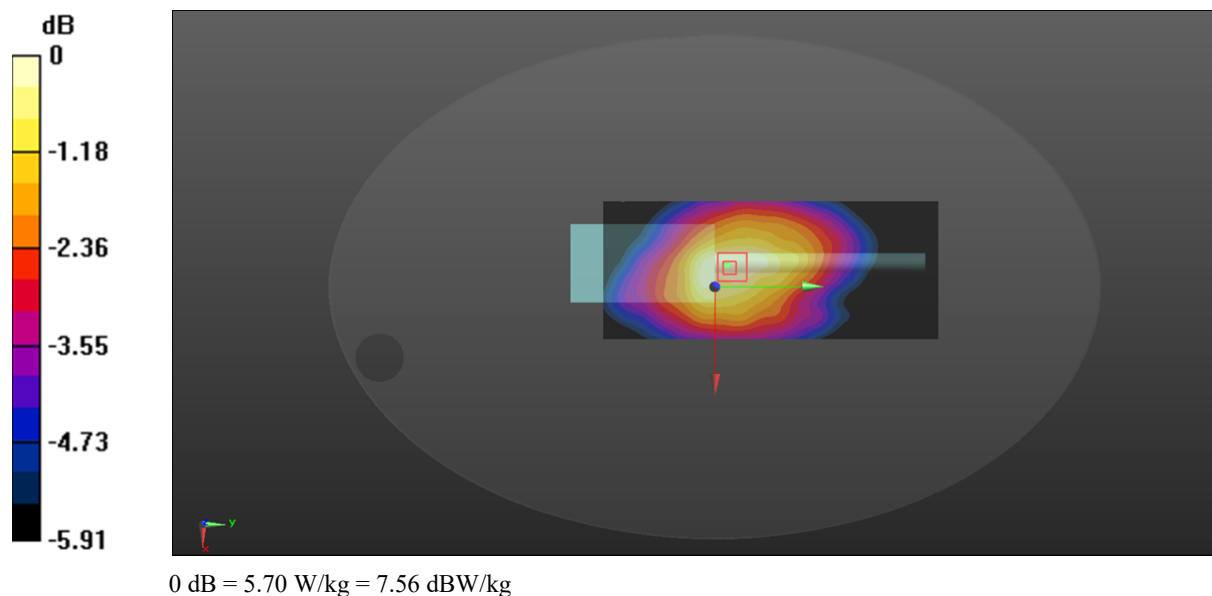
Communication System: 4FSK; Frequency: 387.488 MHz;Duty Cycle: 1:2

Medium parameters used: $f = 387.488 \text{ MHz}$; $\sigma = 0.851 \text{ S/m}$; $\epsilon_r = 45.065$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 387.488 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 (71x171x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 5.81 W/kg **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 81.82 V/m ; Power Drift = -0.01 dB Peak SAR (extrapolated) = 6.37 W/kg **SAR(1 g) = 5.34 W/kg ; SAR(10 g) = 4.42 W/kg** Maximum value of SAR (measured) = 5.70 W/kg 

Test Plot 36#:4FSK_400.0125MHz_Body Back_Antenna 2**DUT: DIGITAL PORTABLE RADIO; Type:PD482 Uv; Serial: RDG210330013-SA-S1**

Communication System: 4FSK; Frequency: 400.012 MHz;Duty Cycle: 1:2

Medium parameters used: $f = 400.012$ MHz; $\sigma = 0.865$ S/m; $\epsilon_r = 44.791$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 400.012 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 (71x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 5.79 W/kg

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

Reference Value = 81.56 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 6.95 W/kg

SAR(1 g) = 5.38 W/kg; SAR(10 g) = 4.31 W/kg

Maximum value of SAR (measured) = 5.73 W/kg

