

Test Plot 1#:FM_11.25kHz_151.82MHz_Face Up**DUT: Walkie Two-way Radio; Type: MU1500; Serial: RSZ200910001-SA-S1**

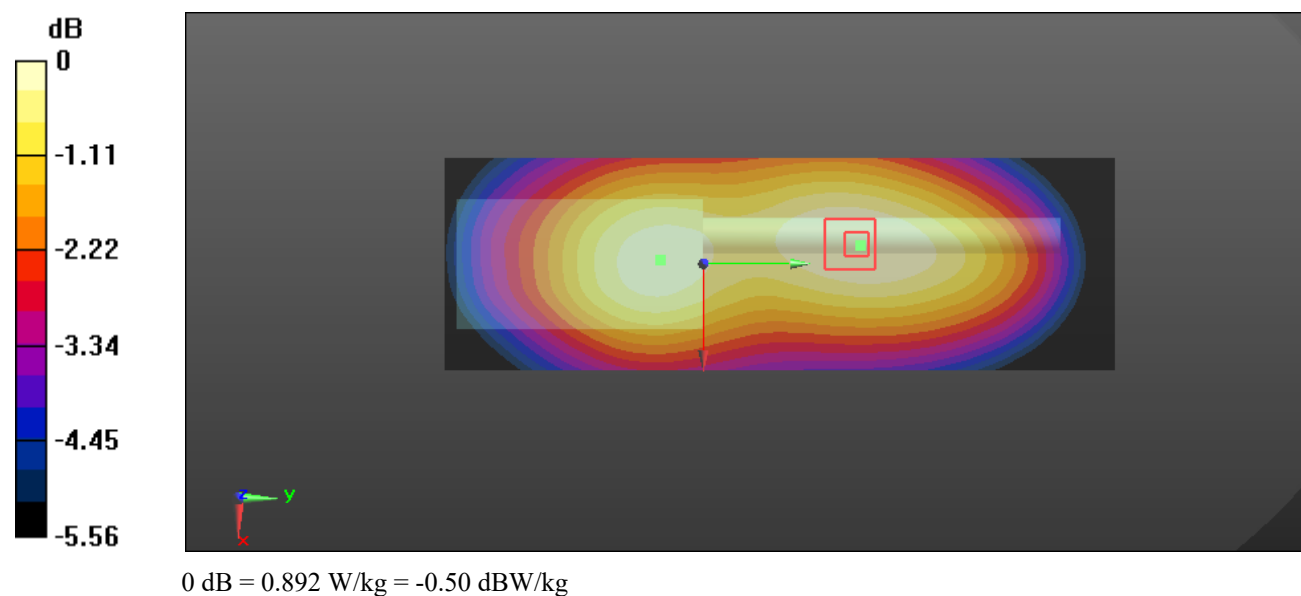
Communication System: FM; Frequency: 151.82 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 151.82 \text{ MHz}$; $\sigma = 0.756 \text{ S/m}$; $\epsilon_r = 52.235$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.59, 7.59, 7.59) @ 151.82 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 (61x191x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 0.912 W/kg **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 33.67 V/m ; Power Drift = -0.17 dB Peak SAR (extrapolated) = 1.11 W/kg **SAR(1 g) = 0.859 W/kg ; SAR(10 g) = 0.681 W/kg** Maximum value of SAR (measured) = 0.892 W/kg 

Test Plot 2#: FM_11.25kHz_151.88MHz_Face Up**DUT: Walkie Two-way Radio; Type: MU1500; Serial: RSZ200910001-SA-S1**

Communication System: FM; Frequency: 151.88 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 151.88$ MHz; $\sigma = 0.759$ S/m; $\epsilon_r = 52.224$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.59, 7.59, 7.59) @ 151.88 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 (61x191x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.851 W/kg

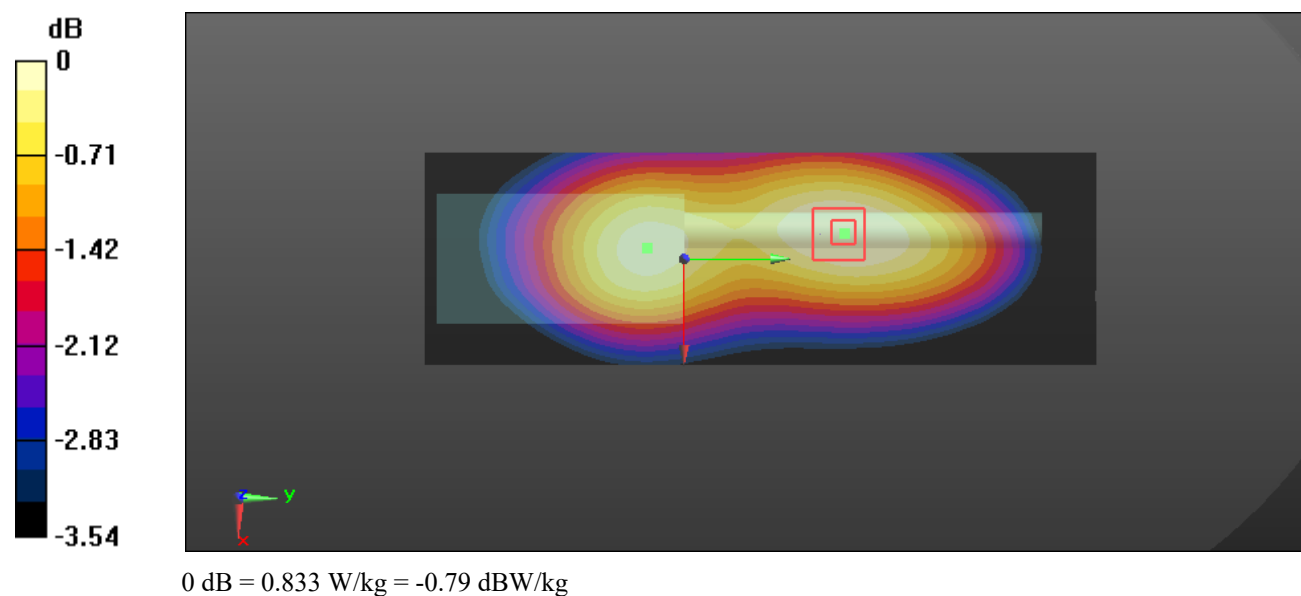
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.36 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 1.04 W/kg

SAR(1 g) = 0.803 W/kg; SAR(10 g) = 0.637 W/kg

Maximum value of SAR (measured) = 0.833 W/kg



Test Plot 3#: FM_11.25kHz_151.94MHz_Face Up**DUT: Walkie Two-way Radio; Type: MU1500; Serial: RSZ200910001-SA-S1**

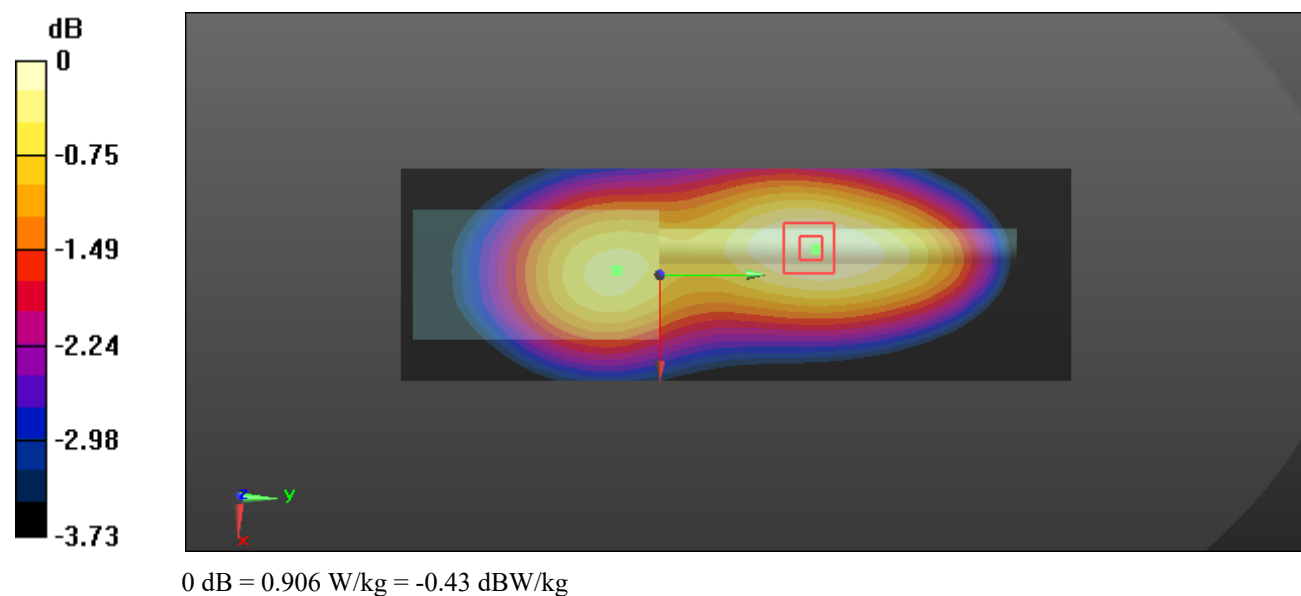
Communication System: FM; Frequency: 151.94 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 151.94 \text{ MHz}$; $\sigma = 0.762 \text{ S/m}$; $\epsilon_r = 52.213$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.59, 7.59, 7.59) @ 151.94 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 (61x191x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 0.925 W/kg **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 32.60 V/m ; Power Drift = -0.14 dB Peak SAR (extrapolated) = 1.15 W/kg **SAR(1 g) = 0.873 W/kg ; SAR(10 g) = 0.687 W/kg** Maximum value of SAR (measured) = 0.906 W/kg 

Test Plot 4#: FM_20kHz_154.57MHz_Face Up**DUT: Walkie Two-way Radio; Type: MU1500; Serial: RSZ200910001-SA-S1**

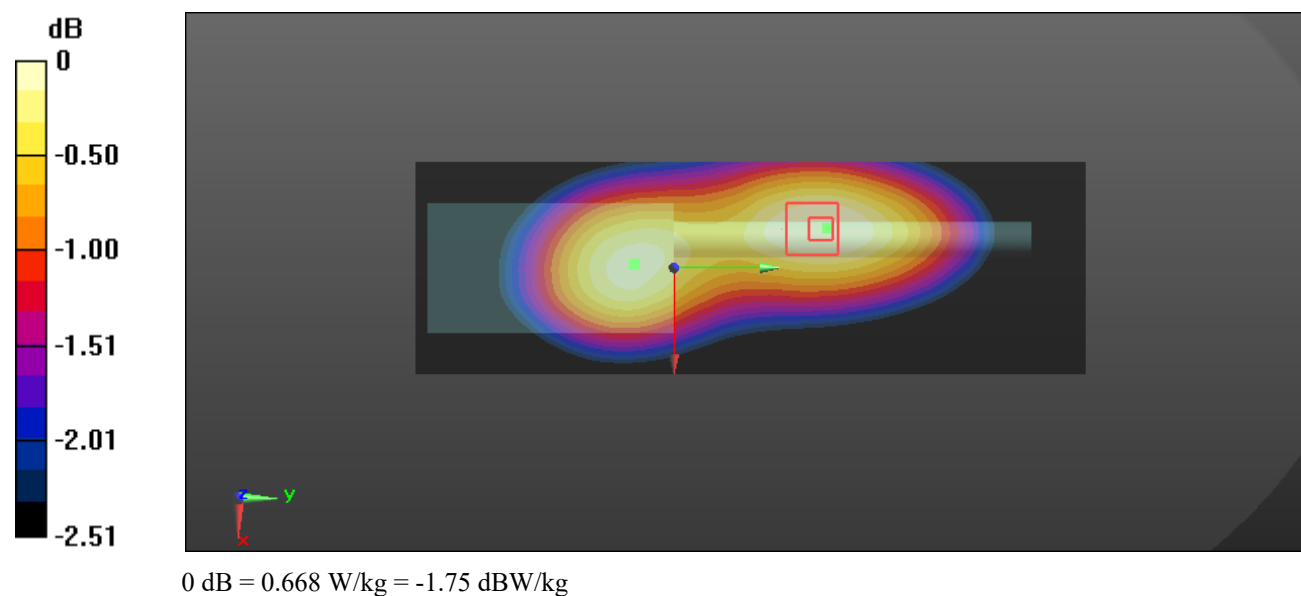
Communication System: FM; Frequency: 154.57 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 154.57 \text{ MHz}$; $\sigma = 0.765 \text{ S/m}$; $\epsilon_r = 52.081$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.59, 7.59, 7.59) @ 154.57 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 (61x191x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 0.678 W/kg **Zoom Scan (5x6x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 28.91 V/m ; Power Drift = -0.10 dB Peak SAR (extrapolated) = 0.824 W/kg **SAR(1 g) = 0.643 W/kg ; SAR(10 g) = 0.514 W/kg** Maximum value of SAR (measured) = 0.668 W/kg 

Test Plot 5#: FM_20kHz_154.6MHz_Face Up**DUT: Walkie Two-way Radio; Type: MU1500; Serial: RSZ200910001-SA-S1**

Communication System: FM; Frequency: 154.6 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 154.6$ MHz; $\sigma = 0.768$ S/m; $\epsilon_r = 52.069$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.59, 7.59, 7.59) @ 154.6 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 (61x191x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.652 W/kg

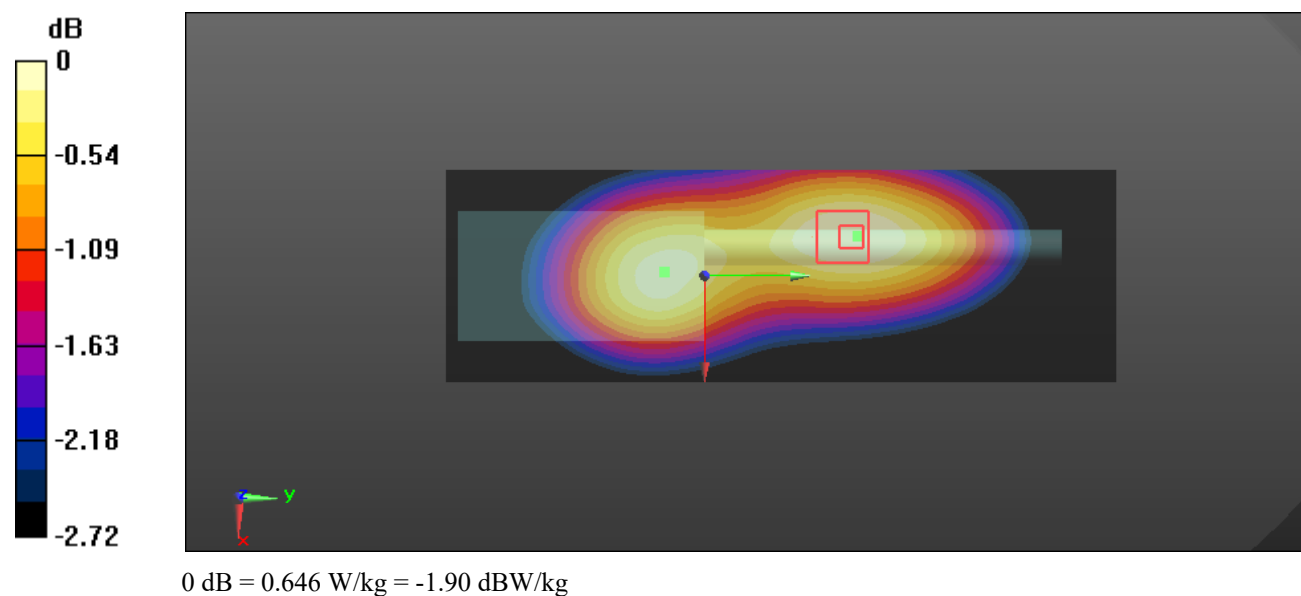
Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.45 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.801 W/kg

SAR(1 g) = 0.622 W/kg; SAR(10 g) = 0.498 W/kg

Maximum value of SAR (measured) = 0.646 W/kg



Test Plot 6#: FM_11.25kHz_151.82MHz_Body Back**DUT: Walkie Two-way Radio; Type: MU1500; Serial: RSZ200910001-SA-S1**

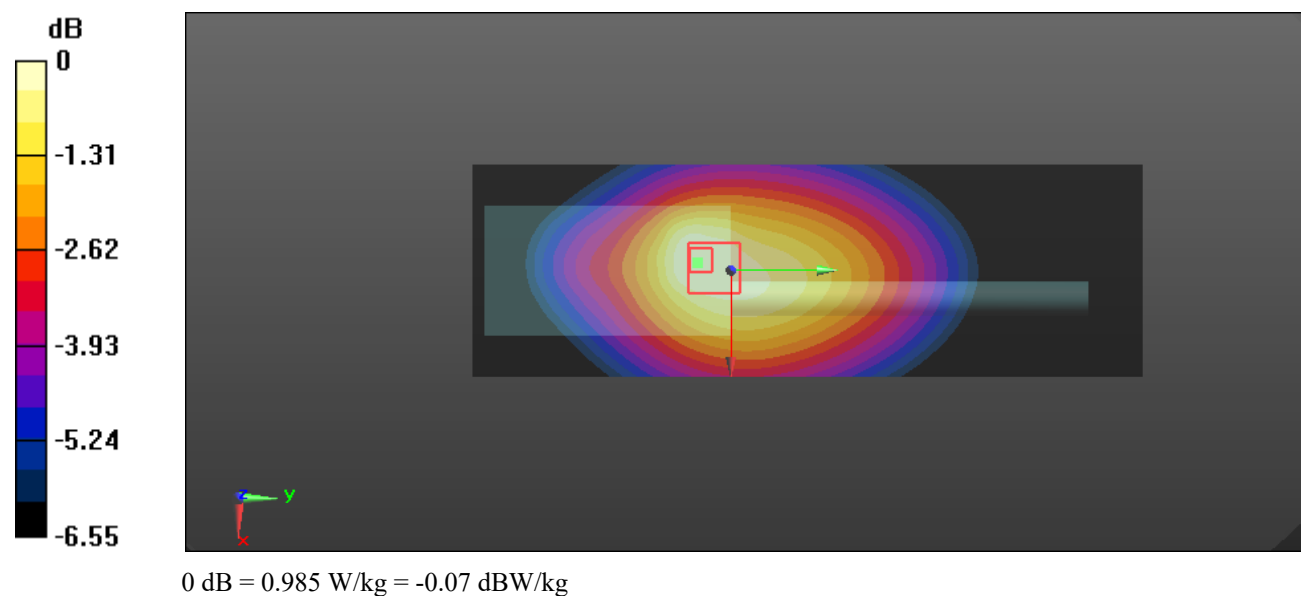
Communication System: FM; Frequency: 151.82 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 151.82 \text{ MHz}$; $\sigma = 0.791 \text{ S/m}$; $\epsilon_r = 61.875$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.43, 7.43, 7.43) @ 151.82 MHz; Calibrated: 2020/2/24
- 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 (61x191x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 1.02 W/kg **Zoom Scan (6x6x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 35.62 V/m ; Power Drift = -0.19 dB Peak SAR (extrapolated) = 1.45 W/kg **SAR(1 g) = 0.938 W/kg ; SAR(10 g) = 0.670 W/kg** Maximum value of SAR (measured) = 0.985 W/kg 

Test Plot 7#: FM_11.25kHz_151.88MHz_Body Back**DUT: Walkie Two-way Radio; Type: MU1500; Serial: RSZ200910001-SA-S1**

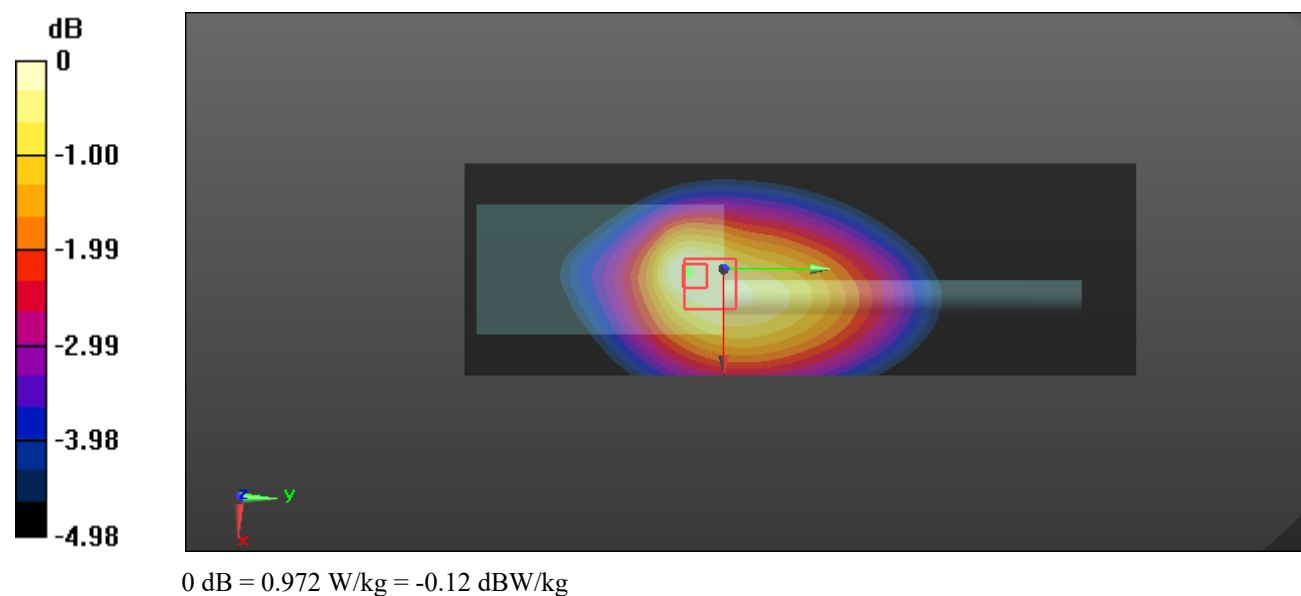
Communication System: FM; Frequency: 151.88 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 151.88 \text{ MHz}$; $\sigma = 0.799 \text{ S/m}$; $\epsilon_r = 61.864$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.43, 7.43, 7.43) @ 151.88 MHz; Calibrated: 2020/2/24
- 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 (61x191x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 1.01 W/kg **Zoom Scan (6x6x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 33.79 V/m ; Power Drift = 0.05 dB Peak SAR (extrapolated) = 1.42 W/kg **SAR(1 g) = 0.925 W/kg ; SAR(10 g) = 0.653 W/kg** Maximum value of SAR (measured) = 0.972 W/kg 

Test Plot 8#: FM_11.25kHz_151.94MHz_Body Back**DUT: Walkie Two-way Radio; Type: MU1500; Serial: RSZ200910001-SA-S1**

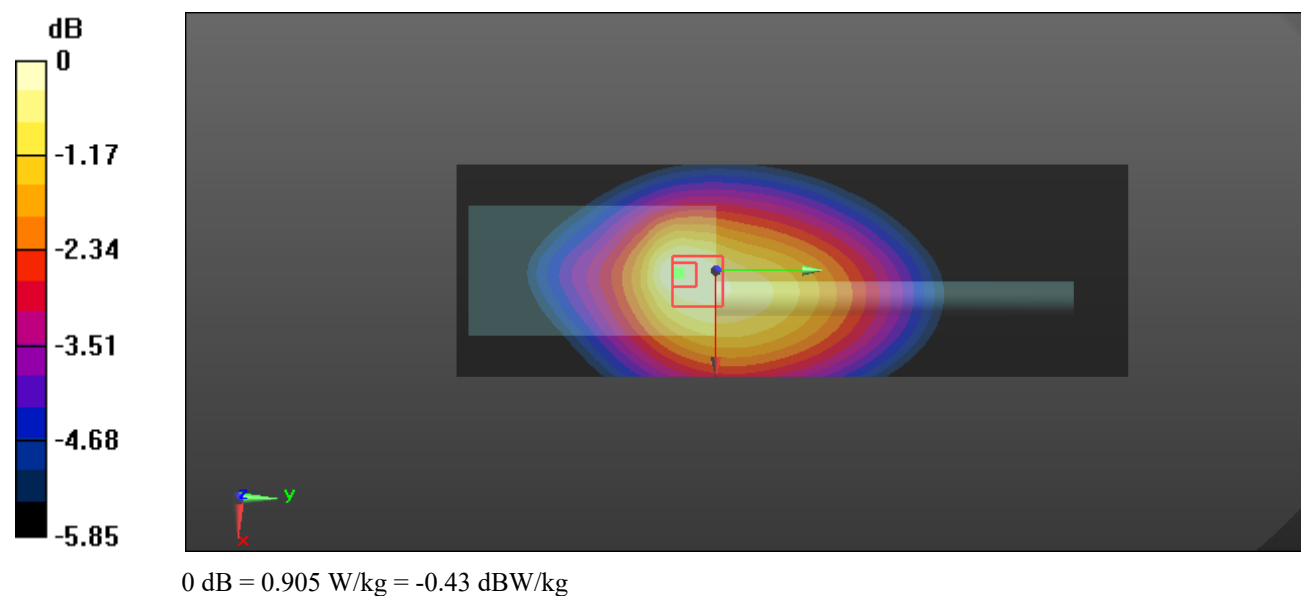
Communication System: FM; Frequency: 151.94 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 151.94 \text{ MHz}$; $\sigma = 0.801 \text{ S/m}$; $\epsilon_r = 61.853$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.43, 7.43, 7.43) @ 151.94 MHz; Calibrated: 2020/2/24
- 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 (61x191x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 0.929 W/kg **Zoom Scan (6x6x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 32.33 V/m ; Power Drift = -0.13 dB Peak SAR (extrapolated) = 1.35 W/kg **SAR(1 g) = 0.860 W/kg ; SAR(10 g) = 0.609 W/kg** Maximum value of SAR (measured) = 0.905 W/kg 

Test Plot 9#: FM_20kHz_154.57MHz_Body Back**DUT: Walkie Two-way Radio; Type: MU1500; Serial: RSZ200910001-SA-S1**

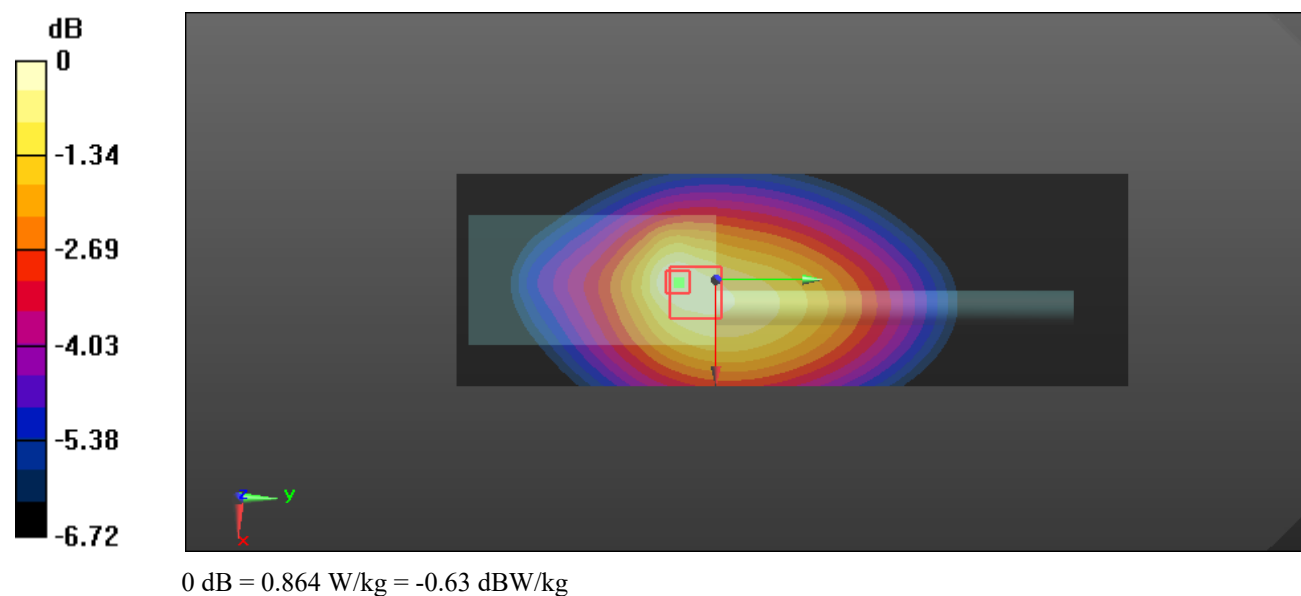
Communication System: FM; Frequency: 154.57 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 154.57 \text{ MHz}$; $\sigma = 0.807 \text{ S/m}$; $\epsilon_r = 61.783$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.43, 7.43, 7.43) @ 154.57 MHz; Calibrated: 2020/2/24
- 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 (61x191x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 0.880 W/kg **Zoom Scan (6x6x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 31.01 V/m ; Power Drift = -0.10 dB Peak SAR (extrapolated) = 1.29 W/kg **SAR(1 g) = 0.815 W/kg ; SAR(10 g) = 0.578 W/kg** Maximum value of SAR (measured) = 0.864 W/kg 

Test Plot 10#: FM_20kHz_154.6MHz_Body Back**DUT: Walkie Two-way Radio; Type: MU1500; Serial: RSZ200910001-SA-S1**

Communication System: FM; Frequency: 154.6 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 154.6$ MHz; $\sigma = 0.814$ S/m; $\epsilon_r = 61.776$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.43, 7.43, 7.43) @ 154.6 MHz; Calibrated: 2020/2/24
- 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 (61x191x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.877 W/kg

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

Reference Value = 31.04 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 1.26 W/kg

SAR(1 g) = 0.800 W/kg; SAR(10 g) = 0.569 W/kg

Maximum value of SAR (measured) = 0.847 W/kg

