

Test Plot 1#: FM_151.82 MHz_Face Up**DUT: Professional Two-Way Radio; Type: NT-152 VHF; Serial: R2001292-SA-1A**

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

Medium parameters used: $f = 151.82 \text{ MHz}$; $\sigma = 0.772 \text{ S/m}$; $\epsilon_r = 51.782$; $\rho = 1000 \text{ kg/m}^3$

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 (61x161x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 2.29 W/kg

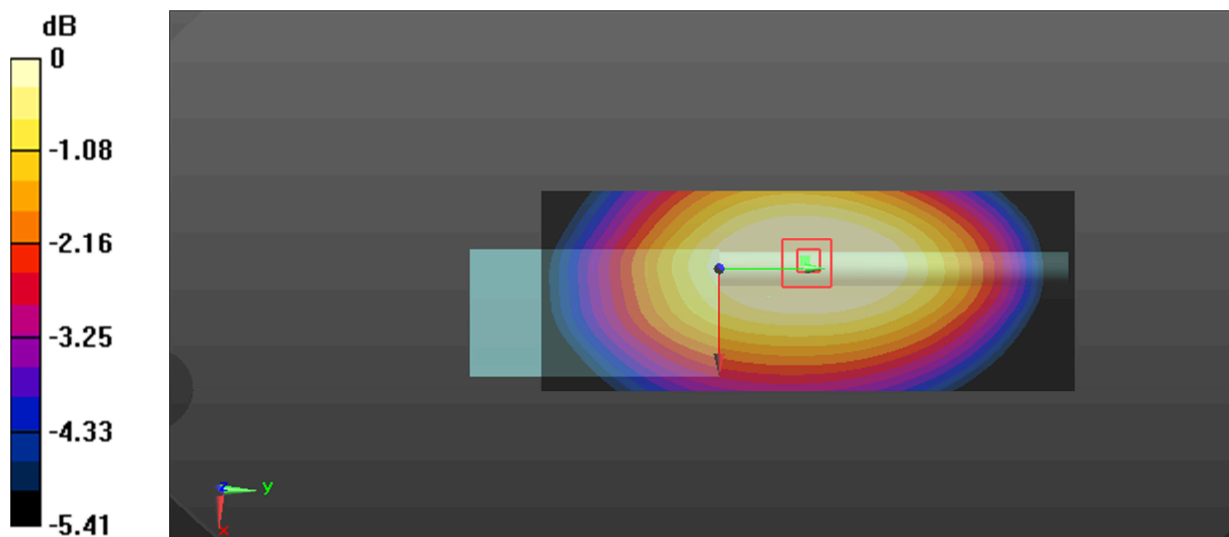
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 53.65 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 2.54 W/kg

SAR(1 g) = 2.02 W/kg; SAR(10 g) = 1.62 W/kg

Maximum value of SAR (measured) = 2.09 W/kg



0 dB = 2.09 W/kg = 3.20 dBW/kg

Test Plot 2#: FM_151.94 MHz_Face Up**DUT: Professional Two-Way Radio; Type: NT-152 VHF; Serial: R2001292-SA-1A**

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

Medium parameters used: $f = 151.94$ MHz; $\sigma = 0.774$ S/m; $\epsilon_r = 51.772$; $\rho = 1000$ kg/m³

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 (61x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.90 W/kg

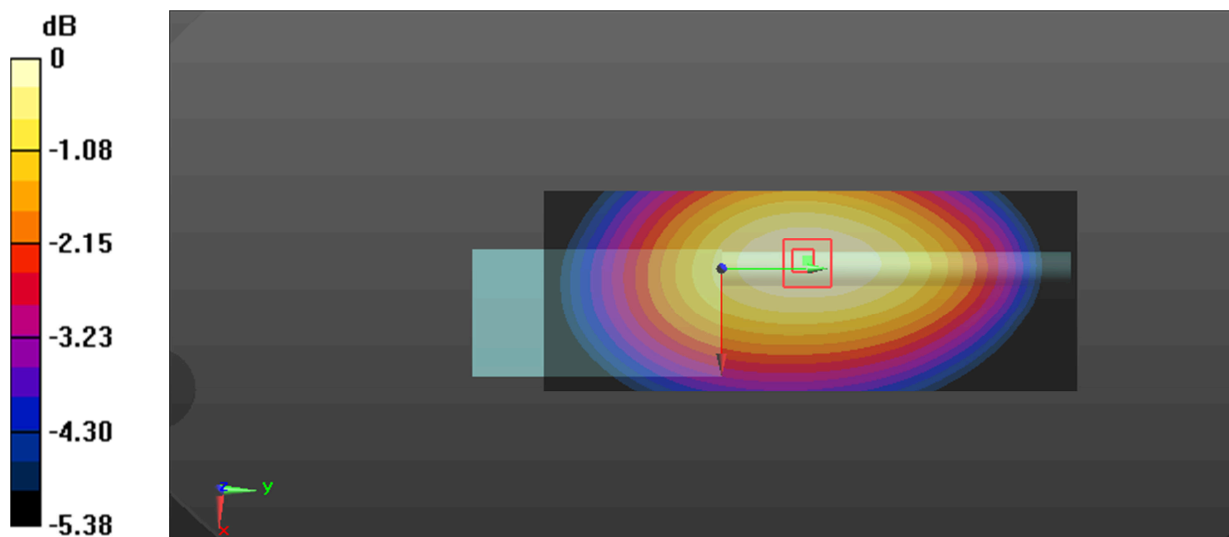
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 47.38 V/m; Power Drift = -0.20 dB

Peak SAR (extrapolated) = 2.26 W/kg

SAR(1 g) = 1.82 W/kg; SAR(10 g) = 1.46 W/kg

Maximum value of SAR (measured) = 1.89 W/kg



0 dB = 1.89 W/kg = 2.76 dBW/kg

Test Plot 3#: FM_154.6 MHz_Face Up**DUT: Professional Two-Way Radio; Type: NT-152 VHF; Serial: R2001292-SA-1A**

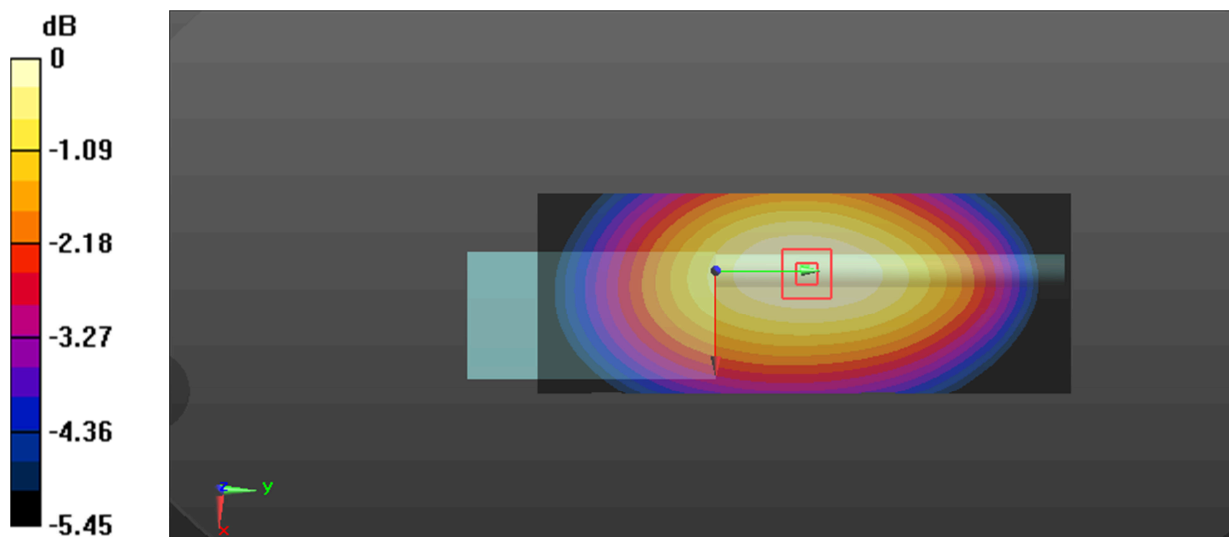
Communication System: FM; Frequency: 154.6 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 154.6 \text{ MHz}$; $\sigma = 0.78 \text{ S/m}$; $\epsilon_r = 51.242$; $\rho = 1000 \text{ kg/m}^3$

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 (61x161x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 0.829 W/kg **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 30.64 V/m ; Power Drift = -0.09 dB Peak SAR (extrapolated) = 0.993 W/kg **SAR(1 g) = 0.793 W/kg ; SAR(10 g) = 0.636 W/kg** Maximum value of SAR (measured) = 0.822 W/kg 0 dB = 0.822 W/kg = -0.85 dBW/kg

Test Plot 4#: FM_151.82 MHz_ Body Back**DUT: Professional Two-Way Radio; Type: NT-152 VHF; Serial: R2001292-SA-1A**

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

Medium parameters used: $f = 151.82$ MHz; $\sigma = 0.802$ S/m; $\epsilon_r = 61.364$; $\rho = 1000$ kg/m³

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 (61x161x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.626 W/kg

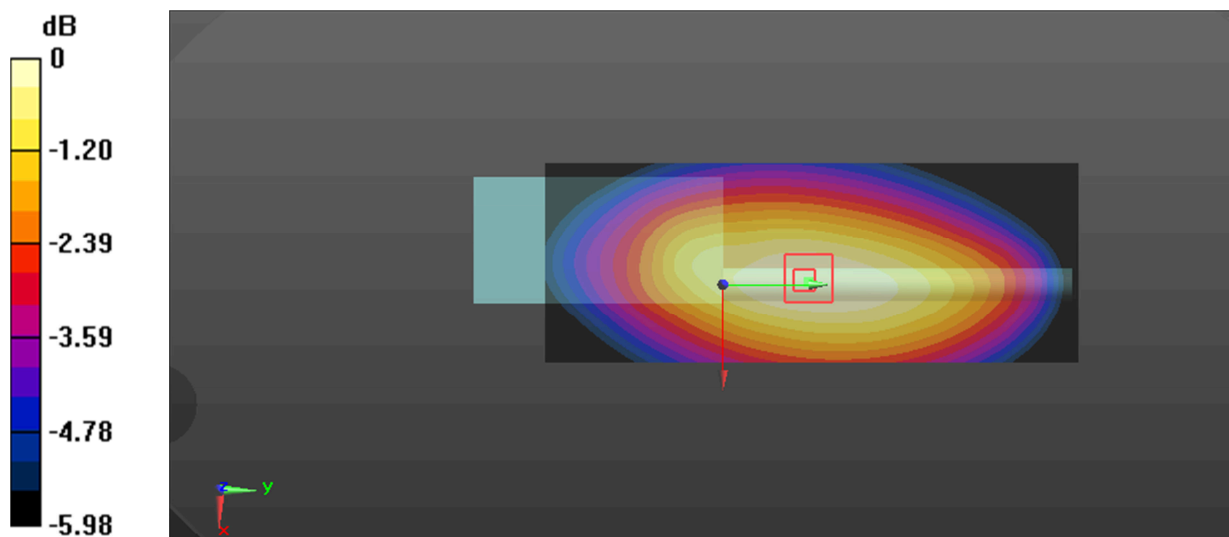
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 26.55 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.762 W/kg

SAR(1 g) = 0.590 W/kg; SAR(10 g) = 0.459 W/kg

Maximum value of SAR (measured) = 0.615 W/kg



0 dB = 0.615 W/kg = -2.11 dBW/kg

Test Plot 5#: FM_151.94 MHz_ Body Back**DUT: Professional Two-Way Radio; Type: NT-152 VHF; Serial: R2001292-SA-1A**

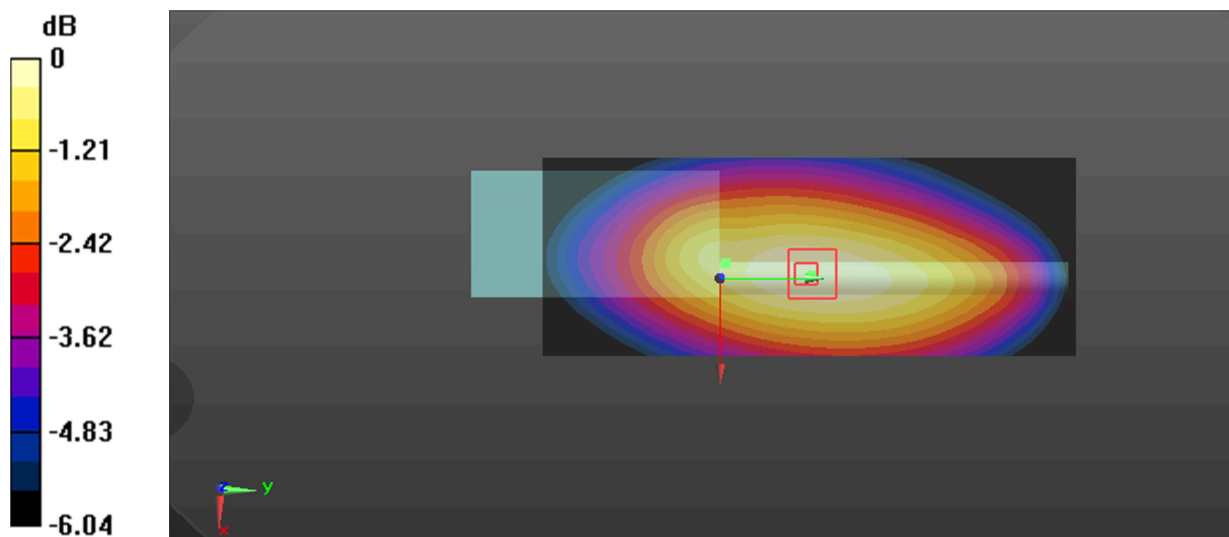
Communication System: FM; Frequency: 151.94 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 151.94 \text{ MHz}$; $\sigma = 0.804 \text{ S/m}$; $\epsilon_r = 61.321$; $\rho = 1000 \text{ kg/m}^3$

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 (61x161x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 0.584 W/kg **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 24.61 V/m ; Power Drift = -0.01 dB Peak SAR (extrapolated) = 0.733 W/kg **SAR(1 g) = 0.561 W/kg ; SAR(10 g) = 0.435 W/kg** Maximum value of SAR (measured) = 0.584 W/kg 0 dB = 0.584 W/kg = -2.34 dBW/kg

Test Plot 6#: FM_154.6 MHz_ Body Back**DUT: Professional Two-Way Radio; Type: NT-152 VHF; Serial: R2001292-SA-1A**

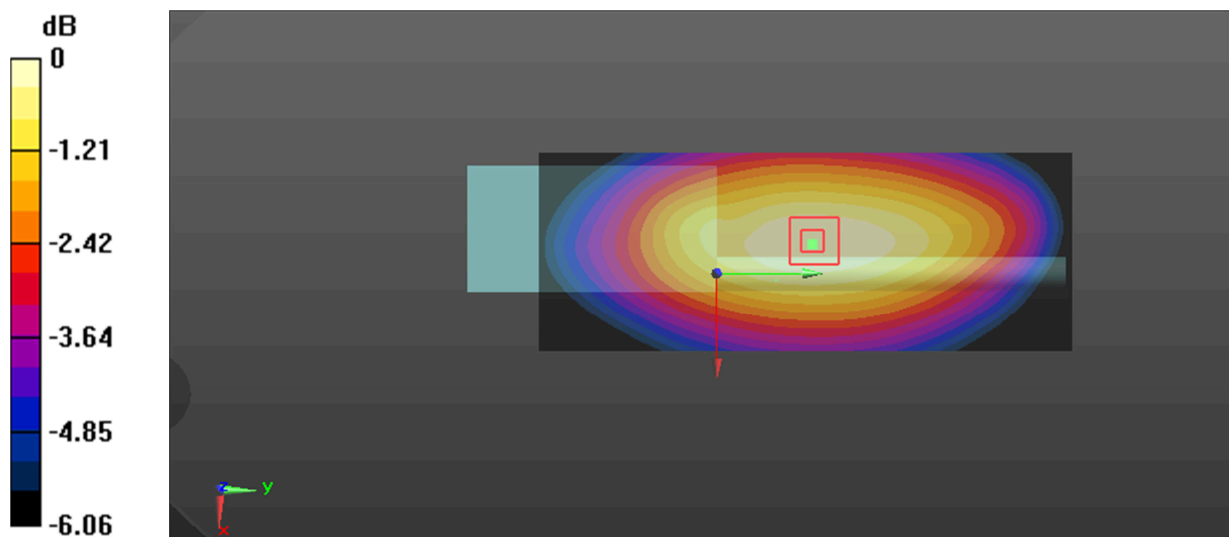
Communication System: FM; Frequency: 154.6 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 154.6 \text{ MHz}$; $\sigma = 0.81 \text{ S/m}$; $\epsilon_r = 60.874$; $\rho = 1000 \text{ kg/m}^3$

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 (61x161x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 0.471 W/kg **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 21.51 V/m ; Power Drift = -0.12 dB Peak SAR (extrapolated) = 0.588 W/kg **SAR(1 g) = 0.450 W/kg ; SAR(10 g) = 0.351 W/kg** Maximum value of SAR (measured) = 0.467 W/kg 0 dB = 0.467 W/kg = -3.31 dBW/kg

Test Plot 7#: FM(Headset attached)_151.82 MHz_Back Up**DUT: Professional Two-Way Radio; Type: NT-152 VHF; Serial: R2001292-SA-1A**

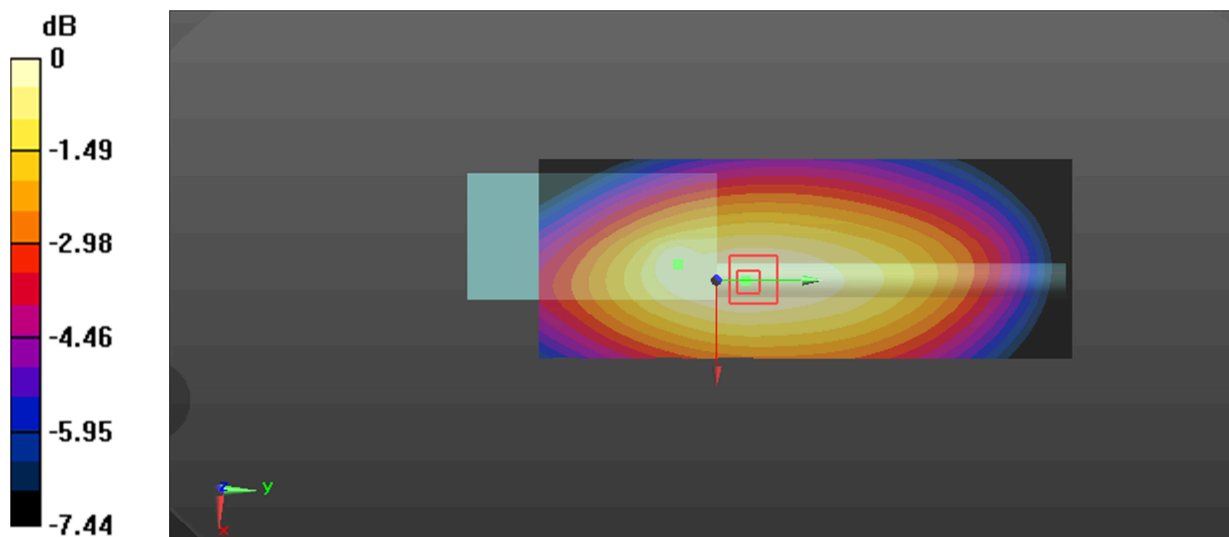
Communication System: FM; Frequency: 151.82 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 151.82 \text{ MHz}$; $\sigma = 0.802 \text{ S/m}$; $\epsilon_r = 61.364$; $\rho = 1000 \text{ kg/m}^3$

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 (61x161x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 0.593 W/kg **Zoom Scan (6x9x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 27.03 V/m ; Power Drift = -0.13 dB Peak SAR (extrapolated) = 0.814 W/kg **SAR(1 g) = 0.559 W/kg ; SAR(10 g) = 0.436 W/kg** Maximum value of SAR (measured) = 0.583 W/kg 0 dB = 0.583 W/kg = -2.34 dBW/kg