

Test Plot 1#: FM_25kHz_462.6250MHz_Face Up**DUT: GMRS Radio; Type: GMRS-PRO; Serial: CR21100005-SA-S1**

Communication System:FM; Frequency: 462.625 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 462.625$ MHz; $\sigma = 0.879$ S/m; $\epsilon_r = 43.542$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 462.625 MHz; Calibrated: 2020/11/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2021/9/1
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (71x181x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.03 W/kg

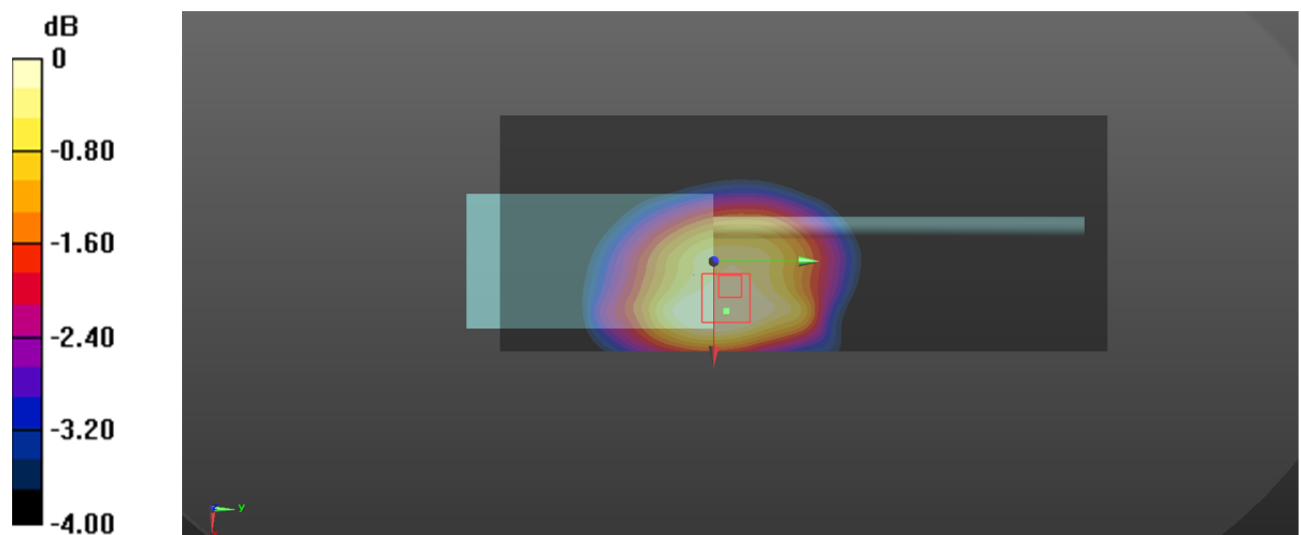
Zoom Scan (5x5x4)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 33.65 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.17 W/kg

SAR(1 g) = 0.899 W/kg; SAR(10 g) = 0.664 W/kg

Maximum value of SAR (measured) = 0.953 W/kg



0 dB = 0.953 W/kg = -0.21 dBW/kg

Test Plot 2#: FM_25kHz_462.6375MHz_Face Up**DUT: GMRS Radio; Type: GMRS-PRO; Serial: CR21100005-SA-S1**

Communication System:FM; Frequency: 462.637 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 462.637$ MHz; $\sigma = 0.882$ S/m; $\epsilon_r = 43.533$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 462.637 MHz; Calibrated: 2020/11/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2021/9/1
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (71x181x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.09 W/kg

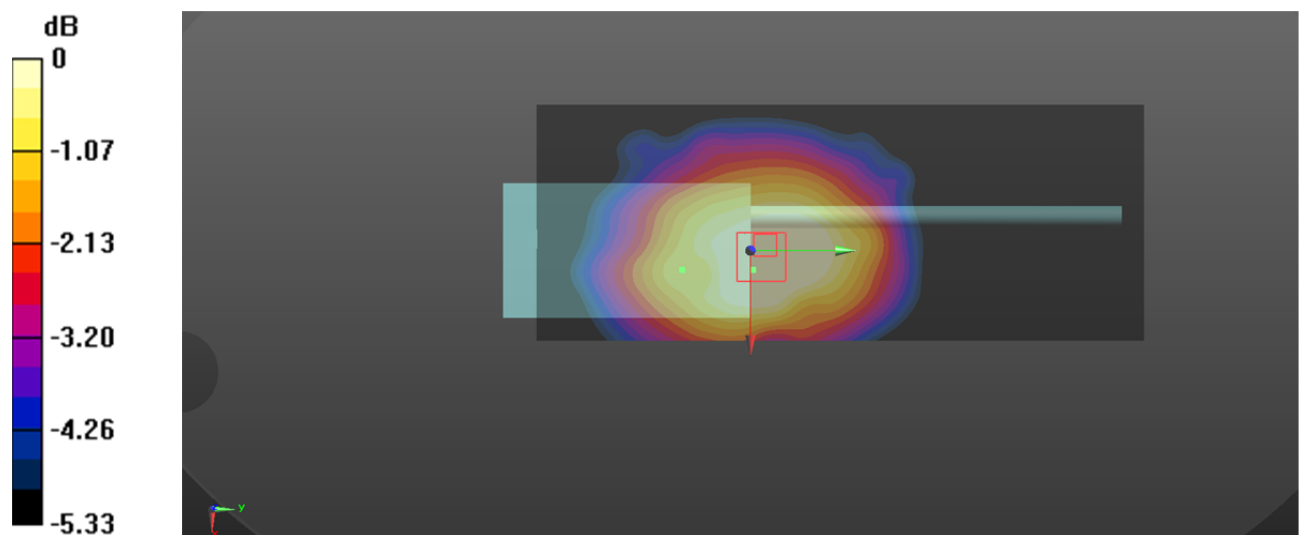
Zoom Scan (5x5x4)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 38.04 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 3.04 W/kg

SAR(1 g) = 0.853 W/kg; SAR(10 g) = 0.647 W/kg

Maximum value of SAR (measured) = 0.936 W/kg



0 dB = 0.936 W/kg = -0.29 dBW/kg

Test Plot 3#: FM_25kHz_467.6250MHz_Face Up**DUT: GMRS Radio; Type: GMRS-PRO; Serial: CR21100005-SA-S1**

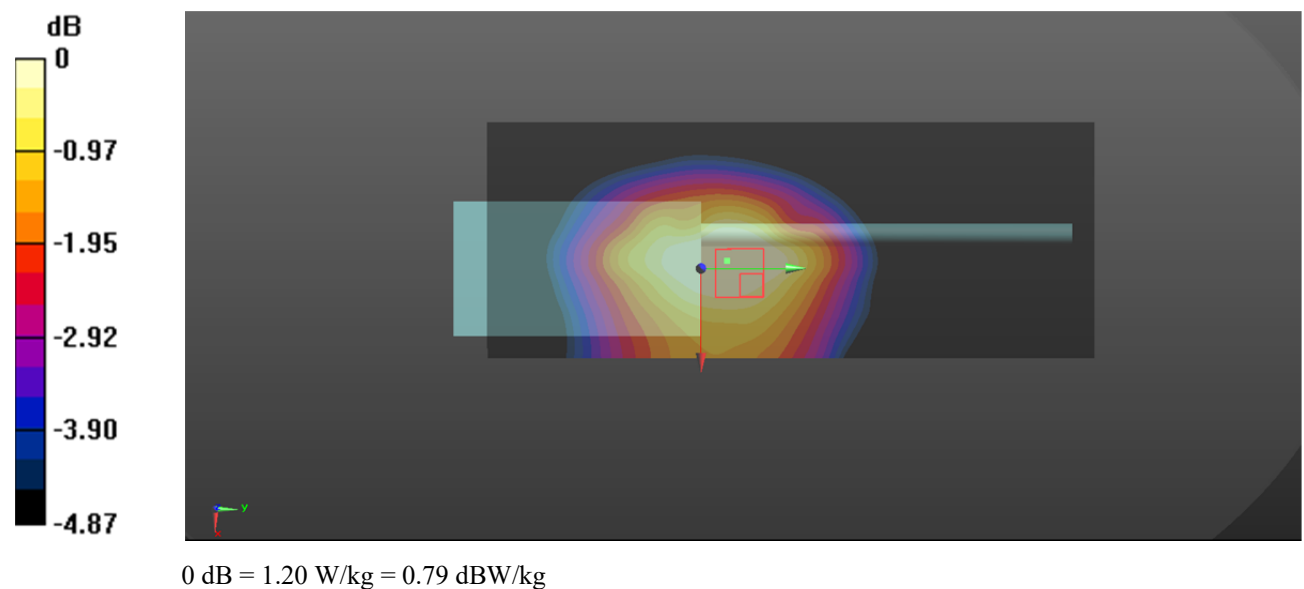
Communication System:FM; Frequency: 467.625 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 467.625 \text{ MHz}$; $\sigma = 0.887 \text{ S/m}$; $\epsilon_r = 43.515$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 467.625 MHz; Calibrated: 2020/11/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2021/9/1
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (71x181x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 1.33 W/kg **Zoom Scan (5x5x4)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 43.40 V/m ; Power Drift = -0.08 dB Peak SAR (extrapolated) = 1.53 W/kg **SAR(1 g) = 1.11 W/kg ; SAR(10 g) = 0.648 W/kg** Maximum value of SAR (measured) = 1.20 W/kg 

Test Plot 4#: FM_12.5kHz_467.63750MHz_Face Up**DUT: GMRS Radio; Type: GMRS-PRO; Serial: CR21100005-SA-S1**

Communication System:FM; Frequency: 467.637 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 467.637$ MHz; $\sigma = 0.892$ S/m; $\epsilon_r = 43.504$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 467.637 MHz; Calibrated: 2020/11/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2021/9/1
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (71x181x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0625 W/kg

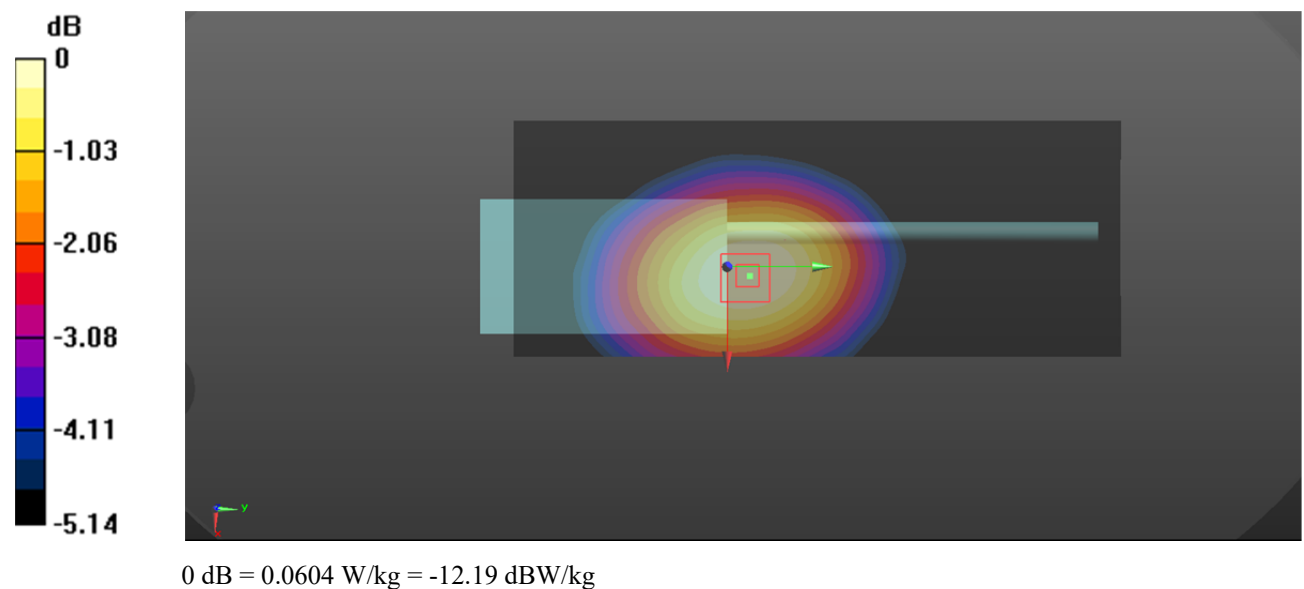
Zoom Scan (5x5x4)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.141 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.0740 W/kg

SAR(1 g) = 0.057 W/kg; SAR(10 g) = 0.043 W/kg

Maximum value of SAR (measured) = 0.0604 W/kg



Test Plot 5#: FM_25kHz_462.6250MHz_Body Back**DUT: GMRS Radio; Type: GMRS-PRO; Serial: CR21100005-SA-S1**

Communication System:FM; Frequency: 462.625 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 462.625$ MHz; $\sigma = 0.879$ S/m; $\epsilon_r = 43.542$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 462.625 MHz; Calibrated: 2020/11/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2021/9/1
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (71x181x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.97 W/kg

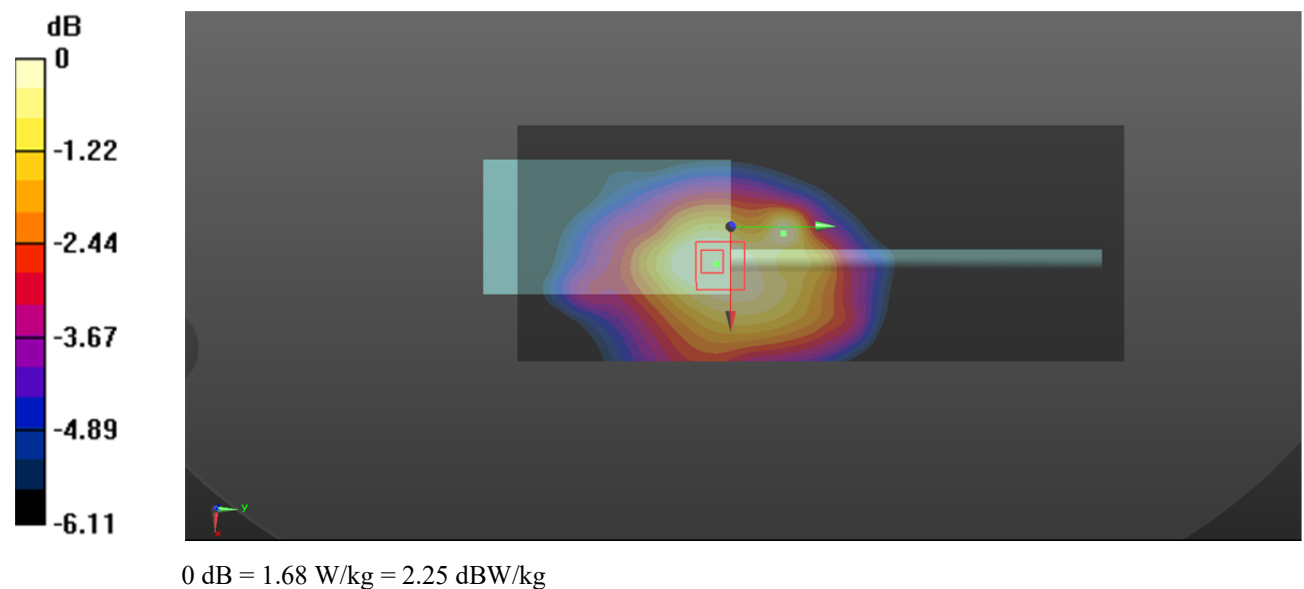
Zoom Scan (5x5x4)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 49.02 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 2.16 W/kg

SAR(1 g) = 1.59 W/kg; SAR(10 g) = 1.16 W/kg

Maximum value of SAR (measured) = 1.68 W/kg



Test Plot 6#: FM_25kHz_462.6375MHz_Body Back**DUT: GMRS Radio; Type: GMRS-PRO; Serial: CR21100005-SA-S1**

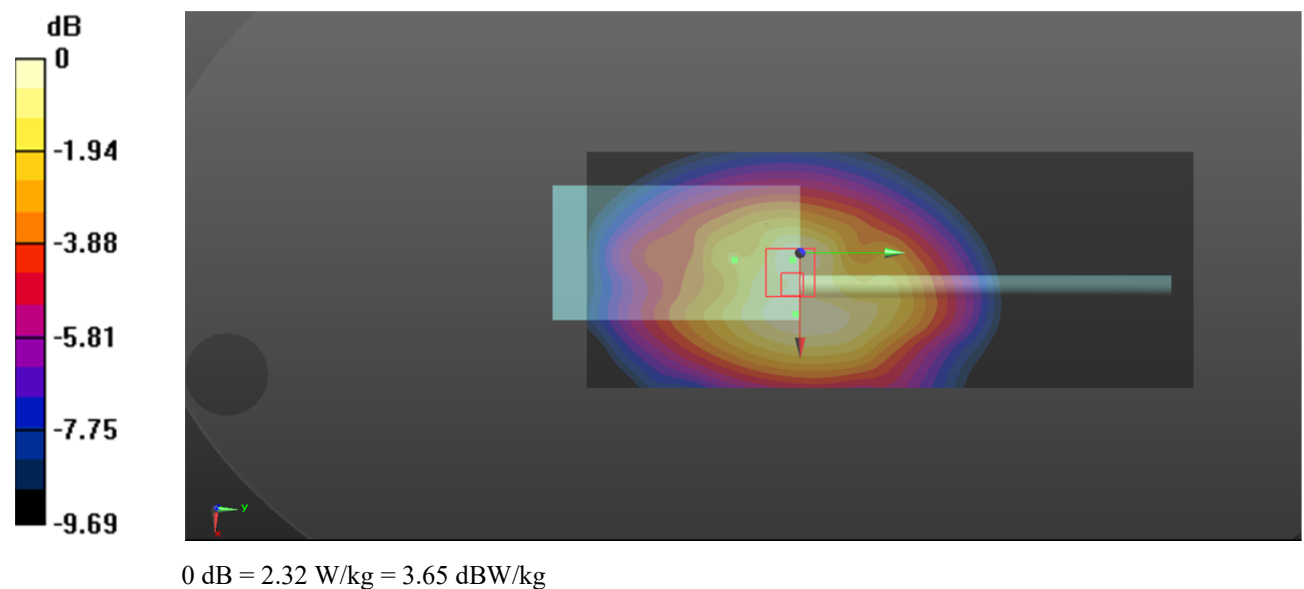
Communication System:FM; Frequency: 462.637 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 462.637 \text{ MHz}$; $\sigma = 0.882 \text{ S/m}$; $\epsilon_r = 43.533$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 462.637 MHz; Calibrated: 2020/11/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2021/9/1
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (71x181x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 2.27 W/kg **Zoom Scan (5x5x4)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 46.78 V/m ; Power Drift = -0.08 dB Peak SAR (extrapolated) = 3.49 W/kg **SAR(1 g) = 2.2 W/kg ; SAR(10 g) = 1.51 W/kg** Maximum value of SAR (measured) = 2.32 W/kg 

Test Plot 7#: FM_25kHz_467.6250MHz_Body Back**DUT: GMRS Radio; Type: GMRS-PRO; Serial: CR21100005-SA-S1**

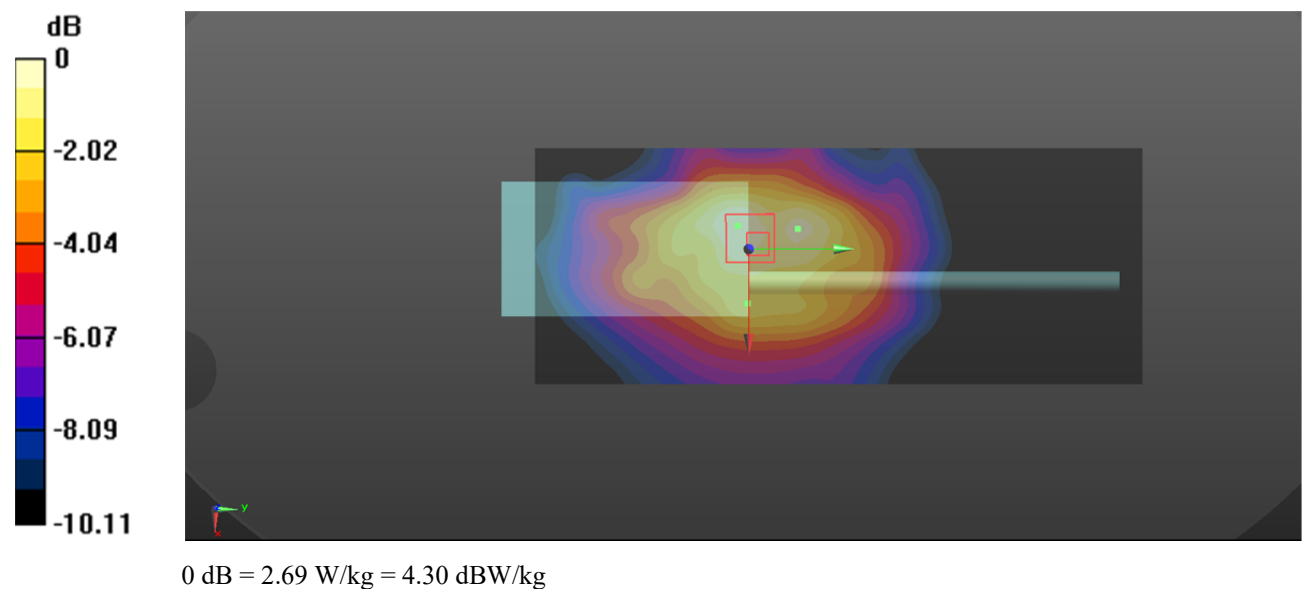
Communication System:FM; Frequency: 467.625 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 467.625 \text{ MHz}$; $\sigma = 0.887 \text{ S/m}$; $\epsilon_r = 43.515$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 467.625 MHz; Calibrated: 2020/11/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2021/9/1
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (71x181x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 2.77 W/kg **Zoom Scan (5x5x4)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 59.77 V/m ; Power Drift = -0.05 dB Peak SAR (extrapolated) = 4.39 W/kg **SAR(1 g) = 2.38 W/kg ; SAR(10 g) = 1.54 W/kg** Maximum value of SAR (measured) = 2.69 W/kg 

Test Plot 8#: FM_12.5kHz_467.63750MHz_Body Back**DUT: GMRS Radio; Type: GMRS-PRO; Serial: CR21100005-SA-S1**

Communication System:FM; Frequency: 467.637 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 467.637$ MHz; $\sigma = 0.892$ S/m; $\epsilon_r = 43.504$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 467.637 MHz; Calibrated: 2020/11/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2021/9/1
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (71x181x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.140 W/kg

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

Reference Value = 11.79 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.192 W/kg

SAR(1 g) = 0.142 W/kg; SAR(10 g) = 0.105 W/kg

Maximum value of SAR (measured) = 0.150 W/kg

