

Test Plot 1#: FM_12.5kHz_350.0125MHz_Face Up**DUT: Digital Portable Radio; Type: HP702 Uv; Serial: RDG191122001-SA-S1**

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

Medium parameters used: $f = 350.012$ MHz; $\sigma = 0.838$ S/m; $\epsilon_r = 43.558$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 350.012 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 (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

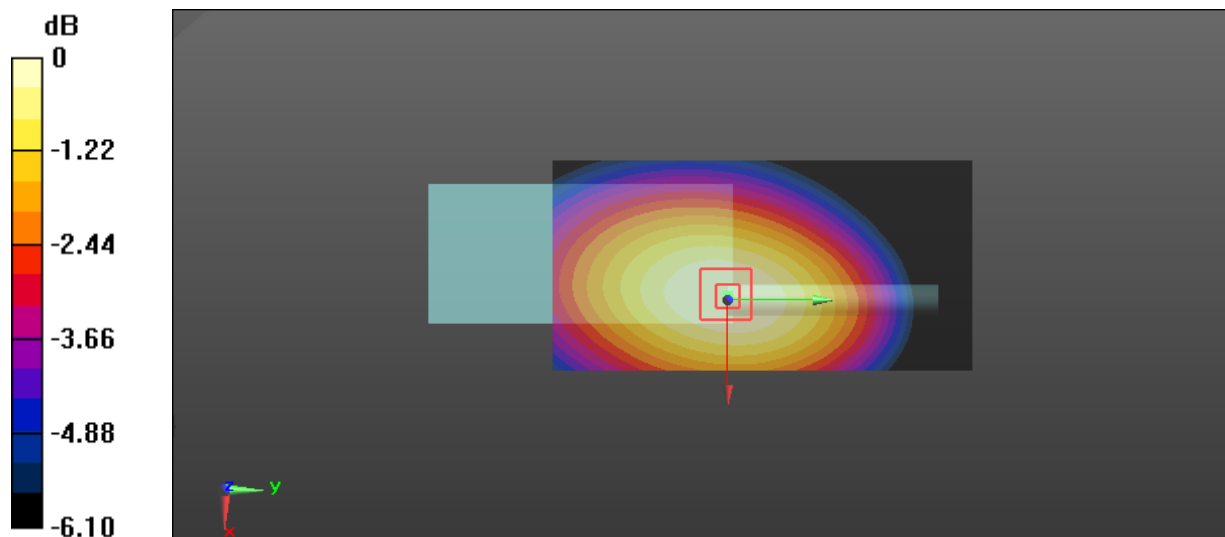
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 87.60 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 7.56 W/kg

SAR(1 g) = 5.97 W/kg; SAR(10 g) = 4.67 W/kg

Maximum value of SAR (measured) = 6.23 W/kg



0 dB = 6.23 W/kg = 7.94 dBW/kg

Test Plot 2#: FM_12.5kHz_362.5125MHz_Face Up**DUT: Digital Portable Radio; Type: HP702 Uv; Serial: RDG191122001-SA-S1**

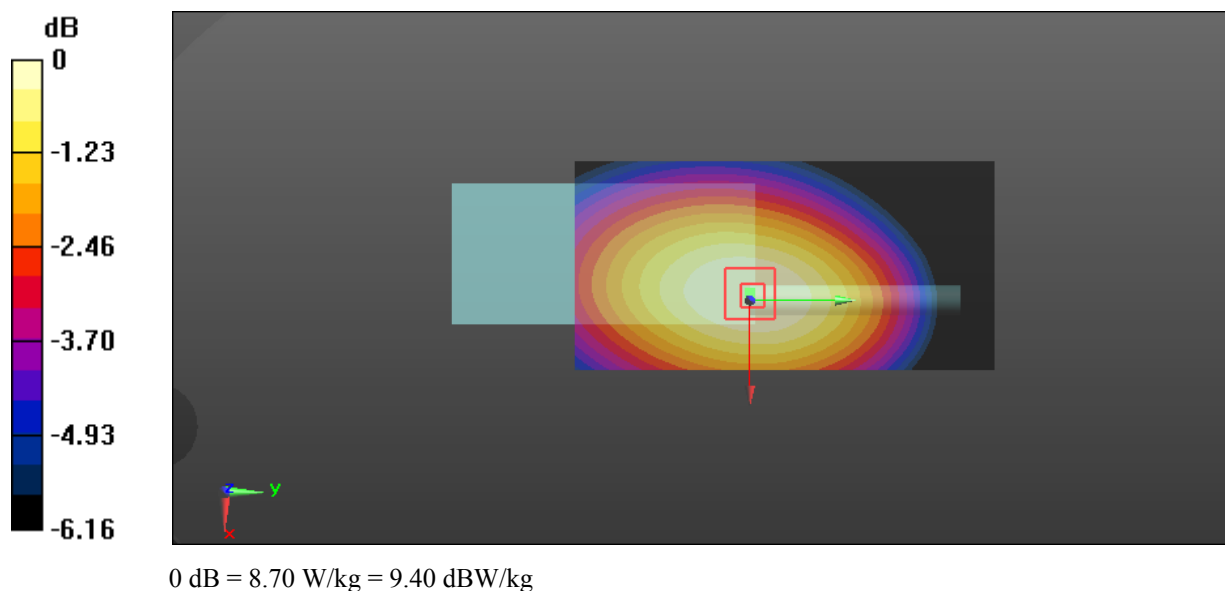
Communication System: FM; Frequency: 362.512 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 362.512 \text{ MHz}$; $\sigma = 0.841 \text{ S/m}$; $\epsilon_r = 43.509$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 362.512 MHz; Calibrated: 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 (61x121x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 8.97 W/kg **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 103.7 V/m ; Power Drift = -0.12 dB Peak SAR (extrapolated) = 10.6 W/kg **SAR(1 g) = 8.33 W/kg ; SAR(10 g) = 6.5 W/kg** Maximum value of SAR (measured) = 8.70 W/kg 

Test Plot 3#: FM_12.5kHz_375MHz_Face Up**DUT: Digital Portable Radio; Type: HP702 Uv; Serial: RDG191122001-SA-S1**

Communication System: FM; Frequency: 375 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 375$ MHz; $\sigma = 0.843$ S/m; $\epsilon_r = 43.454$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 375 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 (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 6.39 W/kg

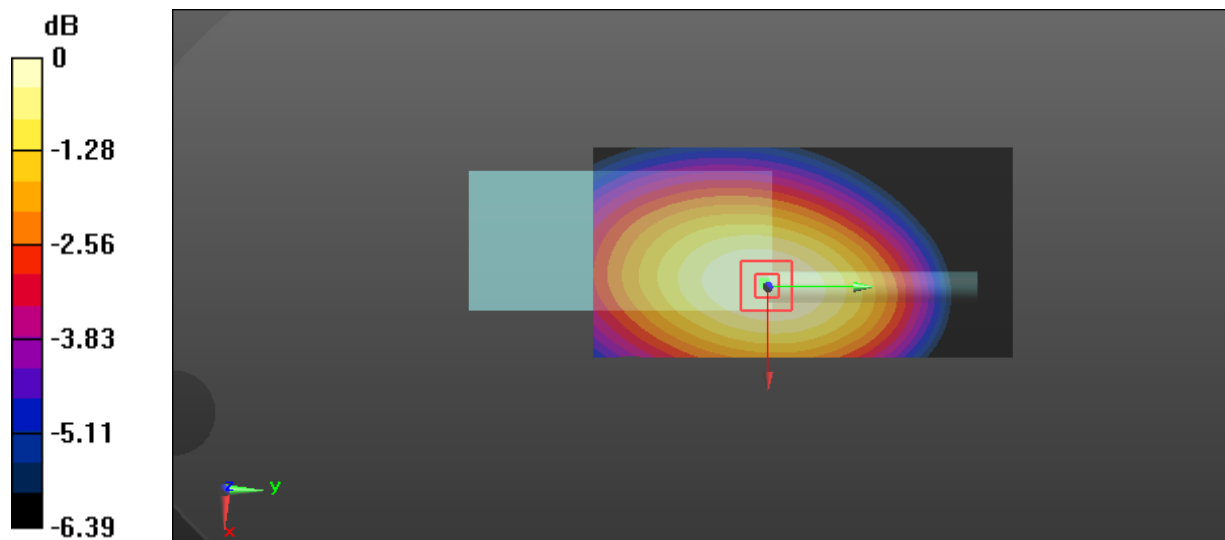
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 87.63 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 7.60 W/kg

SAR(1 g) = 5.95 W/kg; SAR(10 g) = 4.59 W/kg

Maximum value of SAR (measured) = 6.22 W/kg



0 dB = 6.22 W/kg = 7.94 dBW/kg

Test Plot 4#: FM_12.5kHz_387.4875MHz_Face Up**DUT: Digital Portable Radio; Type: HP702 Uv; Serial: RDG191122001-SA-S1**

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

Medium parameters used: $f = 387.488$ MHz; $\sigma = 0.846$ S/m; $\epsilon_r = 43.399$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 387.488 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 (61x121x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 3.57 W/kg

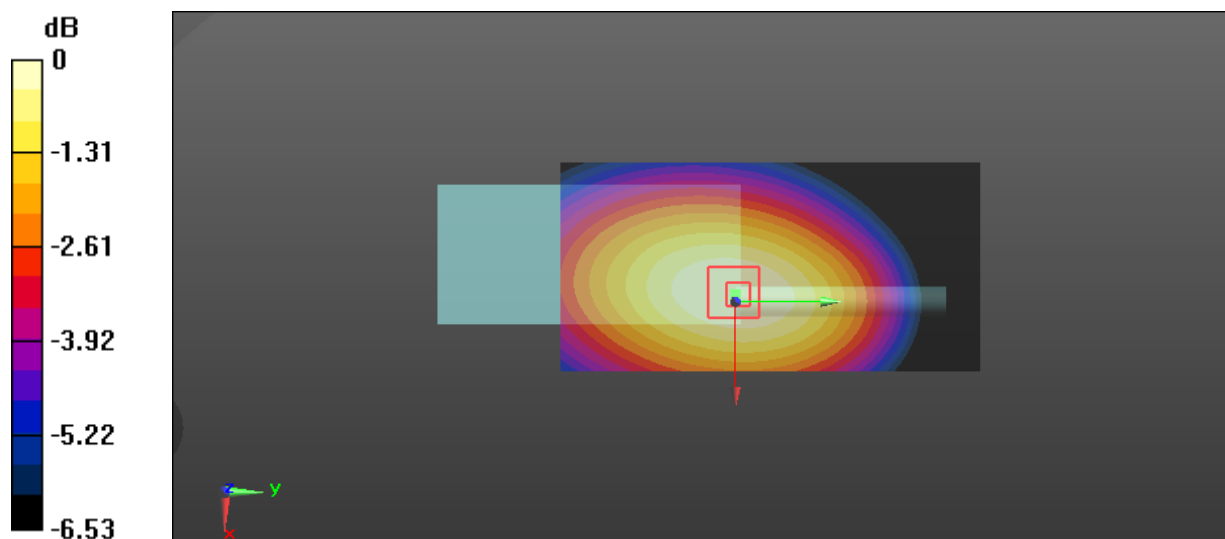
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 65.03 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 4.30 W/kg

SAR(1 g) = 3.36 W/kg; SAR(10 g) = 2.59 W/kg

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



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

Test Plot 5#: FM_12.5kHz_399.9875MHz_Face Up**DUT: Digital Portable Radio; Type: HP702 Uv; Serial: RDG191122001-SA-S1**

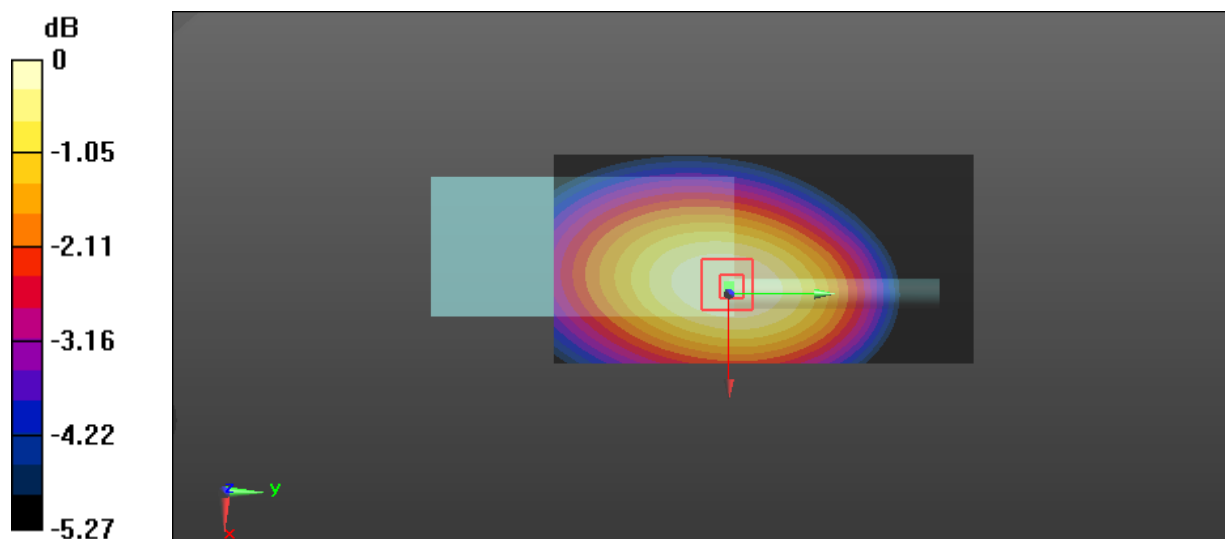
Communication System: FM; Frequency: 399.988 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 399.988 \text{ MHz}$; $\sigma = 0.848 \text{ S/m}$; $\epsilon_r = 43.321$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 399.988 MHz; Calibrated: 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 (61x121x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 3.12 W/kg **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 60.73 V/m ; Power Drift = -0.05 dB Peak SAR (extrapolated) = 3.76 W/kg **SAR(1 g) = 2.92 W/kg ; SAR(10 g) = 2.09 W/kg** Maximum value of SAR (measured) = 3.06 W/kg 0 dB = 3.06 W/kg = 4.86 dBW/kg

Test Plot 6#: FM_25kHz_362.512MHz_Face Up**DUT: Digital Portable Radio; Type: HP702 Uv; Serial: RDG191122001-SA-S1**

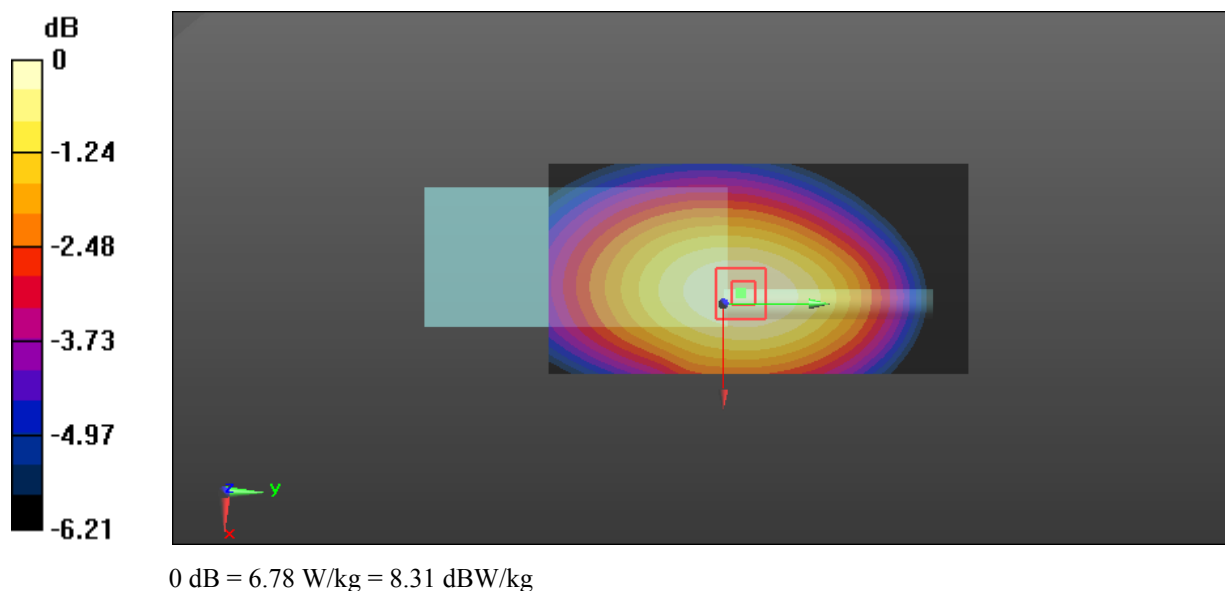
Communication System: FM; Frequency: 362.512 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 362.512 \text{ MHz}$; $\sigma = 0.841 \text{ S/m}$; $\epsilon_r = 43.509$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 362.512 MHz; Calibrated: 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 (61x121x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 6.85 W/kg **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 84.65 V/m ; Power Drift = 0.15 dB Peak SAR (extrapolated) = 8.30 W/kg **SAR(1 g) = 6.5 W/kg ; SAR(10 g) = 5.05 W/kg** Maximum value of SAR (measured) = 6.78 W/kg 

Test Plot 7#: 4FSK_362.512MHz_Face Up**DUT: Digital Portable Radio; Type: HP702 Uv; Serial: RDG191122001-SA-S1**

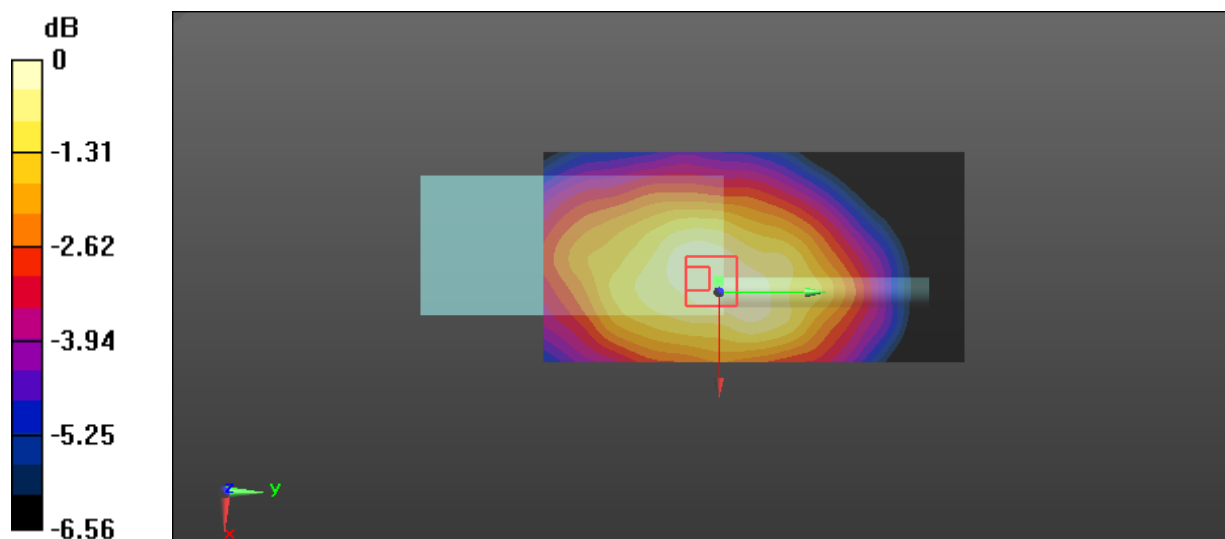
Communication System: 4FSK; Frequency: 362.512 MHz; Duty Cycle: 1:2

Medium parameters used: $f = 362.512 \text{ MHz}$; $\sigma = 0.841 \text{ S/m}$; $\epsilon_r = 43.509$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 362.512 MHz; Calibrated: 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 (61x121x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 4.57 W/kg **Zoom Scan (6x7x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 73.79 V/m ; Power Drift = -0.15 dB Peak SAR (extrapolated) = 5.69 W/kg **SAR(1 g) = 4.26 W/kg ; SAR(10 g) = 3.34 W/kg** Maximum value of SAR (measured) = 4.54 W/kg 0 dB = 4.54 W/kg = 6.57 dBW/kg

Test Plot 8#: FM_12.5kHz_350.0125MHz_Body Back**DUT: Digital Portable Radio; Type: HP702 Uv; Serial: RDG191122001-SA-S1**

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

Medium parameters used: $f = 350.012$ MHz; $\sigma = 0.838$ S/m; $\epsilon_r = 43.558$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 350.012 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 (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 9.34 W/kg

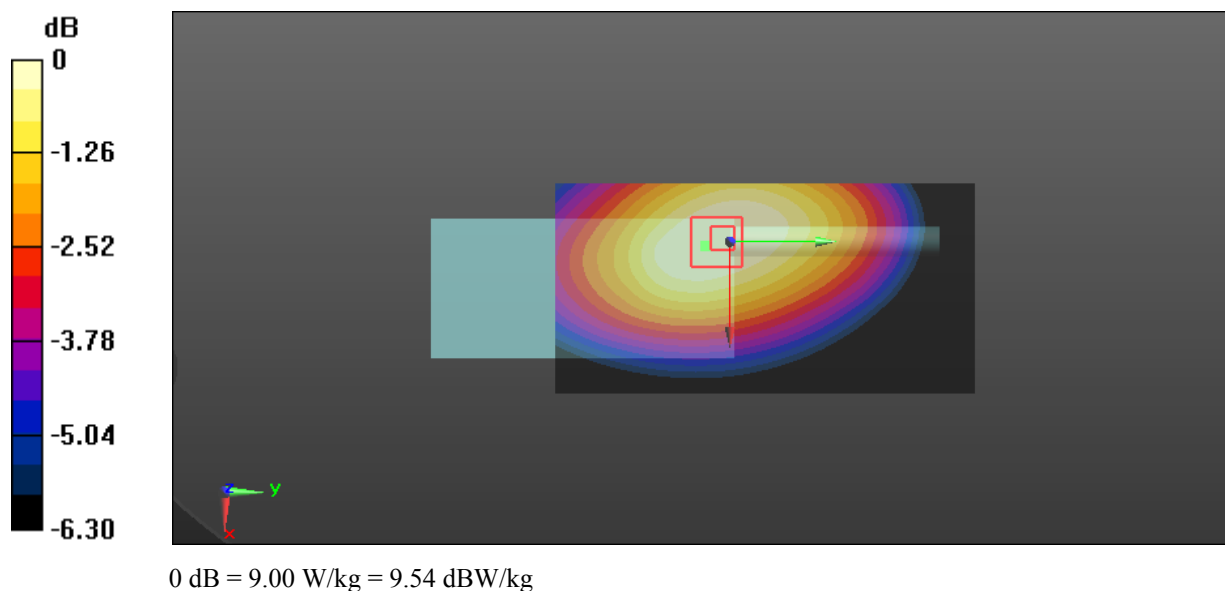
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 110.3 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 11.2 W/kg

SAR(1 g) = 8.67 W/kg; SAR(10 g) = 6.73 W/kg

Maximum value of SAR (measured) = 9.00 W/kg



Test Plot 9#: FM_12.5kHz_362.5125MHz_Body Back**DUT: Digital Portable Radio; Type: HP702 Uv; Serial: RDG191122001-SA-S1**

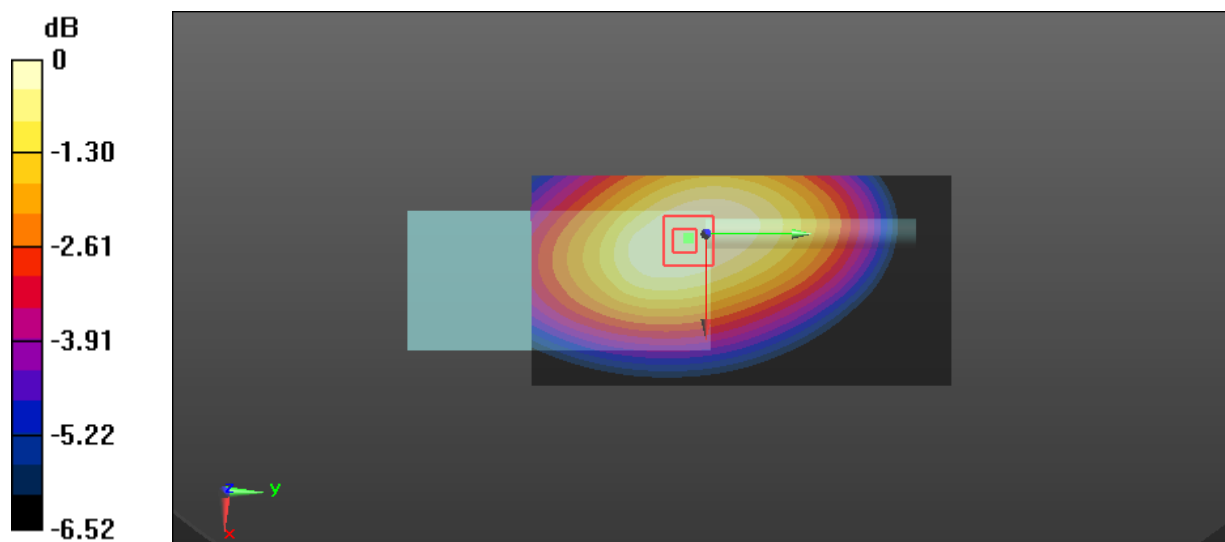
Communication System: FM; Frequency: 362.512 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 362.512 \text{ MHz}$; $\sigma = 0.841 \text{ S/m}$; $\epsilon_r = 43.509$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 362.512 MHz; Calibrated: 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 (61x121x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 9.67 W/kg **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 109.7 V/m ; Power Drift = -0.16 dB Peak SAR (extrapolated) = 11.6 W/kg **SAR(1 g) = 9.02 W/kg ; SAR(10 g) = 6.95 W/kg** Maximum value of SAR (measured) = 9.45 W/kg 0 dB = 9.45 W/kg = 9.75 dBW/kg

Test Plot 10#: FM_12.5kHz_375MHz_Body Back**DUT: Digital Portable Radio; Type: HP702 Uv; Serial: RDG191122001-SA-S1**

Communication System: FM; Frequency: 375 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 375$ MHz; $\sigma = 0.843$ S/m; $\epsilon_r = 43.454$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 375 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 (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 6.40 W/kg

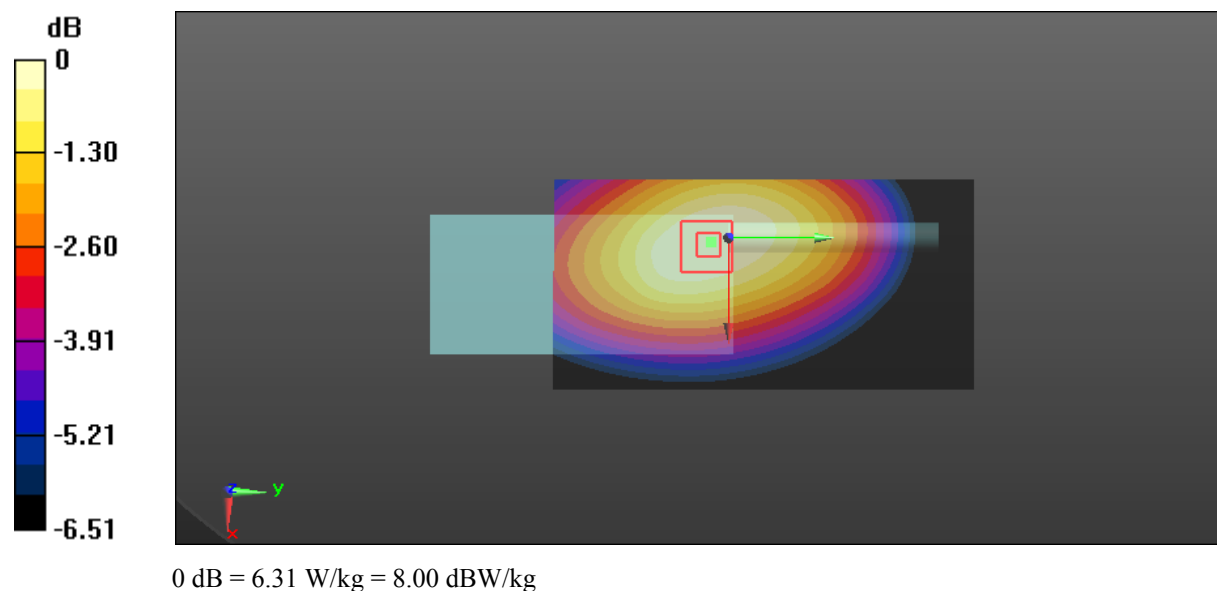
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 86.76 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 7.72 W/kg

SAR(1 g) = 6.03 W/kg; SAR(10 g) = 4.66 W/kg

Maximum value of SAR (measured) = 6.31 W/kg



Test Plot 11#: FM_12.5kHz_387.4875MHz_Body Back**DUT: Digital Portable Radio; Type: HP702 Uv; Serial: RDG191122001-SA-S1**

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

Medium parameters used: $f = 387.488$ MHz; $\sigma = 0.846$ S/m; $\epsilon_r = 43.399$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 387.488 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 (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 3.67 W/kg

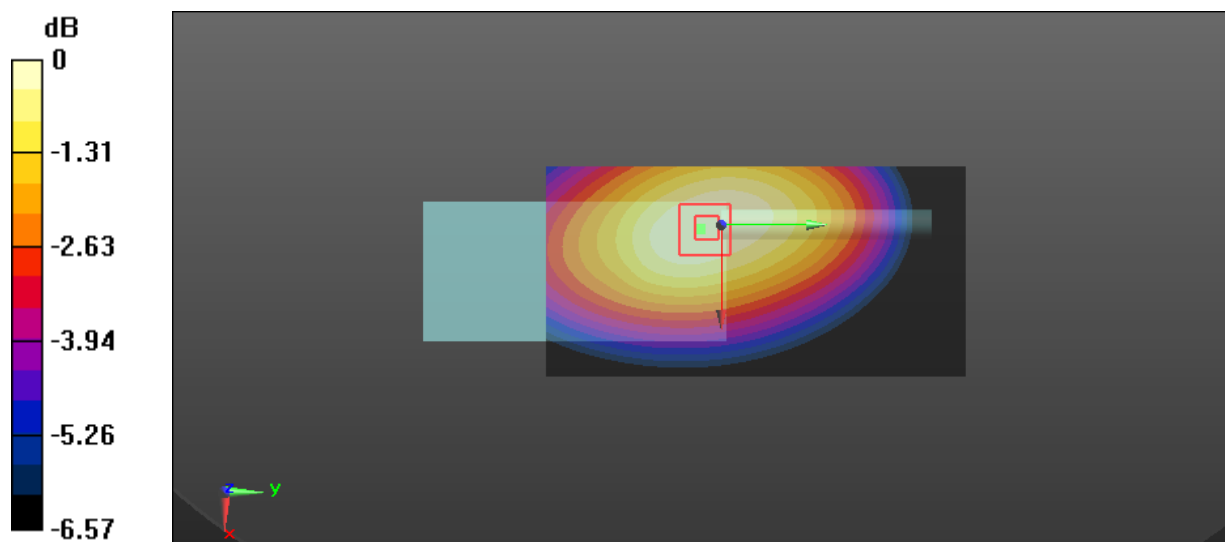
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 65.86 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 4.45 W/kg

SAR(1 g) = 3.48 W/kg; SAR(10 g) = 2.69 W/kg

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



0 dB = 3.63 W/kg = 5.60 dBW/kg

Test Plot 12#: FM_12.5kHz_399.9875MHz_Body Back**DUT: Digital Portable Radio; Type: HP702 Uv; Serial: RDG191122001-SA-S1**

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

Medium parameters used: $f = 399.988$ MHz; $\sigma = 0.848$ S/m; $\epsilon_r = 43.321$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 399.988 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 (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 3.22 W/kg

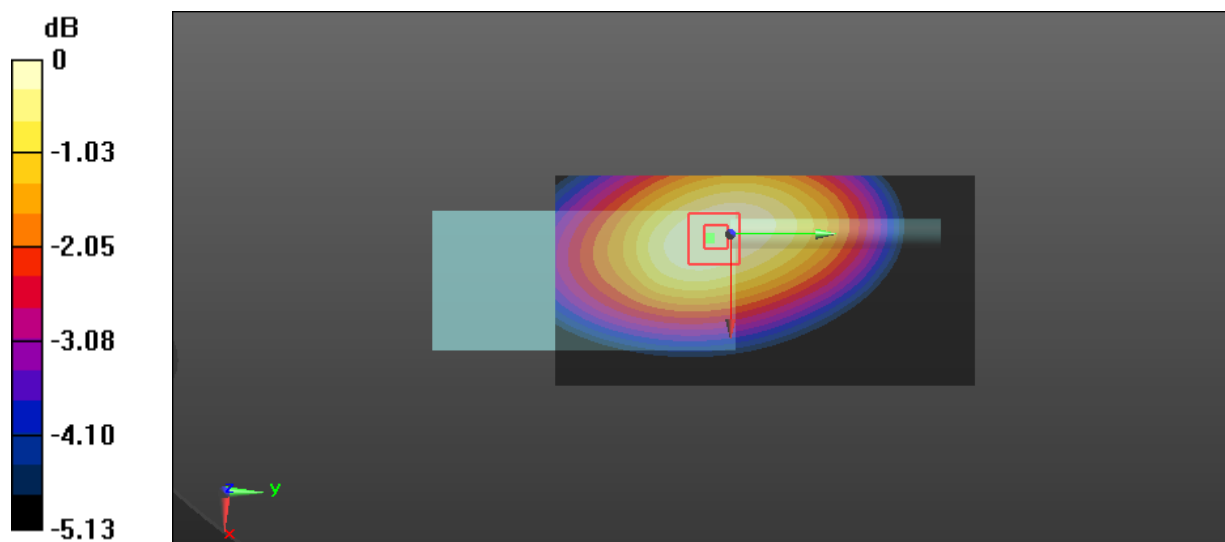
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 61.66 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 4.05 W/kg

SAR(1 g) = 3.05 W/kg; SAR(10 g) = 2.36 W/kg

Maximum value of SAR (measured) = 3.18 W/kg



0 dB = 3.18 W/kg = 5.02 dBW/kg

Test Plot 13#: FM_25kHz_350.0125MHz_Body Back**DUT: Digital Portable Radio; Type: HP702 Uv; Serial: RDG191122001-SA-S1**

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

Medium parameters used: $f = 350.012$ MHz; $\sigma = 0.838$ S/m; $\epsilon_r = 43.558$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 350.012 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 (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 8.82 W/kg

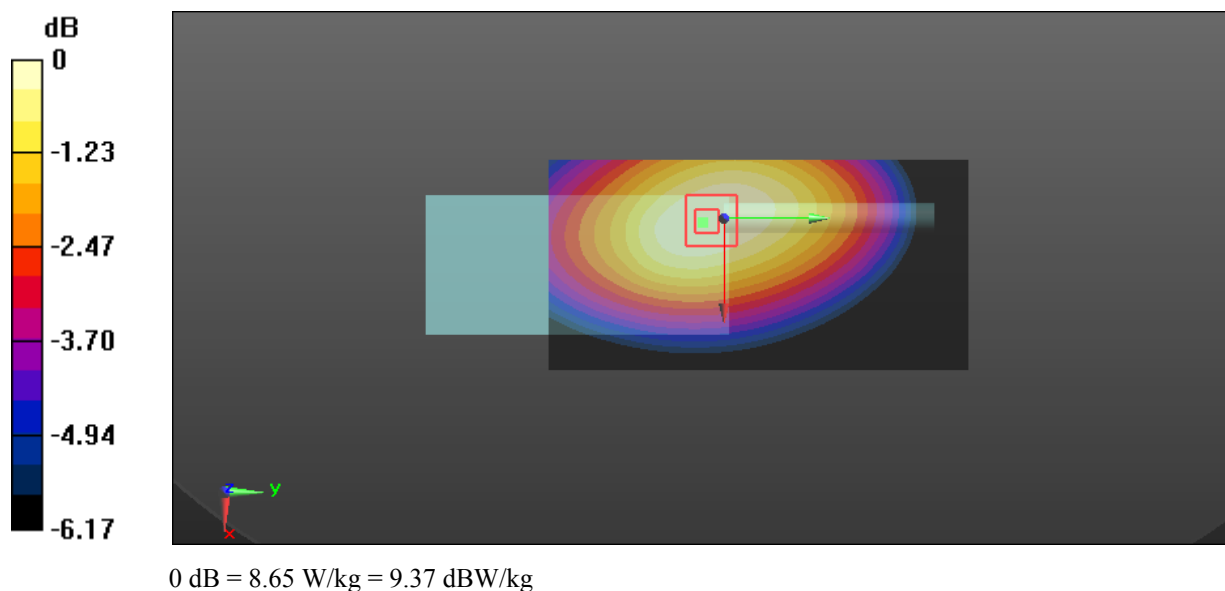
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 101.3 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 10.5 W/kg

SAR(1 g) = 8.29 W/kg; SAR(10 g) = 6.46 W/kg

Maximum value of SAR (measured) = 8.65 W/kg



Test Plot 14#: FM_25kHz_362.5125MHz_Body Back**DUT: Digital Portable Radio; Type: HP702 Uv; Serial: RDG191122001-SA-S1**

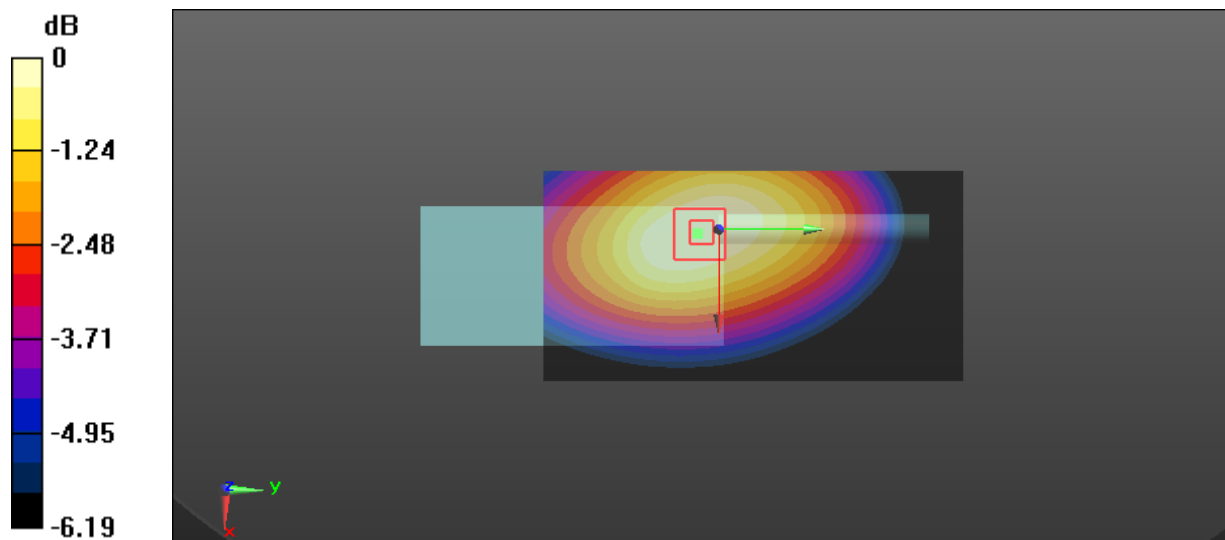
Communication System: FM; Frequency: 362.512 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 362.512 \text{ MHz}$; $\sigma = 0.841 \text{ S/m}$; $\epsilon_r = 43.509$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 362.512 MHz; Calibrated: 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 (61x121x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 9.22 W/kg **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 104.3 V/m ; Power Drift = -0.11 dB Peak SAR (extrapolated) = 11.1 W/kg **SAR(1 g) = 8.69 W/kg ; SAR(10 g) = 6.77 W/kg** Maximum value of SAR (measured) = 9.06 W/kg 0 dB = 9.06 W/kg = 9.57 dBW/kg

Test Plot 15#: FM_25kHz_375MHz_Body Back**DUT: Digital Portable Radio; Type: HP702 Uv; Serial: RDG191122001-SA-S1**

Communication System: FM; Frequency: 375 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 375$ MHz; $\sigma = 0.843$ S/m; $\epsilon_r = 43.454$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 375 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 (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 6.39 W/kg

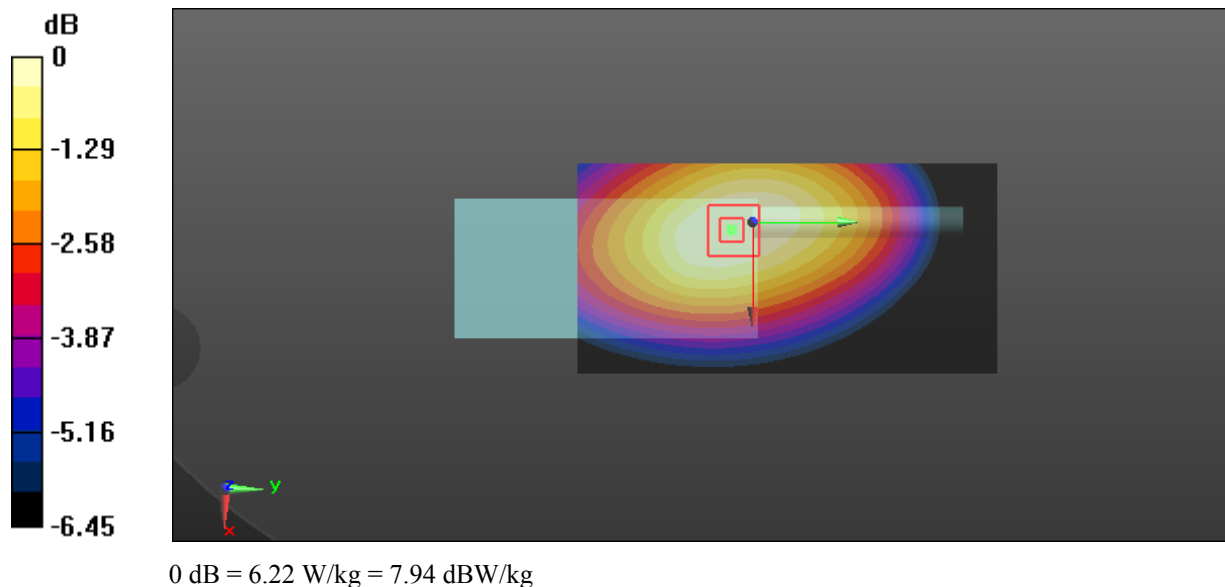
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 87.26 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 7.61 W/kg

SAR(1 g) = 5.96 W/kg; SAR(10 g) = 4.61 W/kg

Maximum value of SAR (measured) = 6.22 W/kg



Test Plot 16#: FM_25kHz_387.4875MHz_Body Back**DUT: Digital Portable Radio; Type: HP702 Uv; Serial: RDG191122001-SA-S1**

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

Medium parameters used: $f = 387.488$ MHz; $\sigma = 0.846$ S/m; $\epsilon_r = 43.399$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 387.488 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 (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

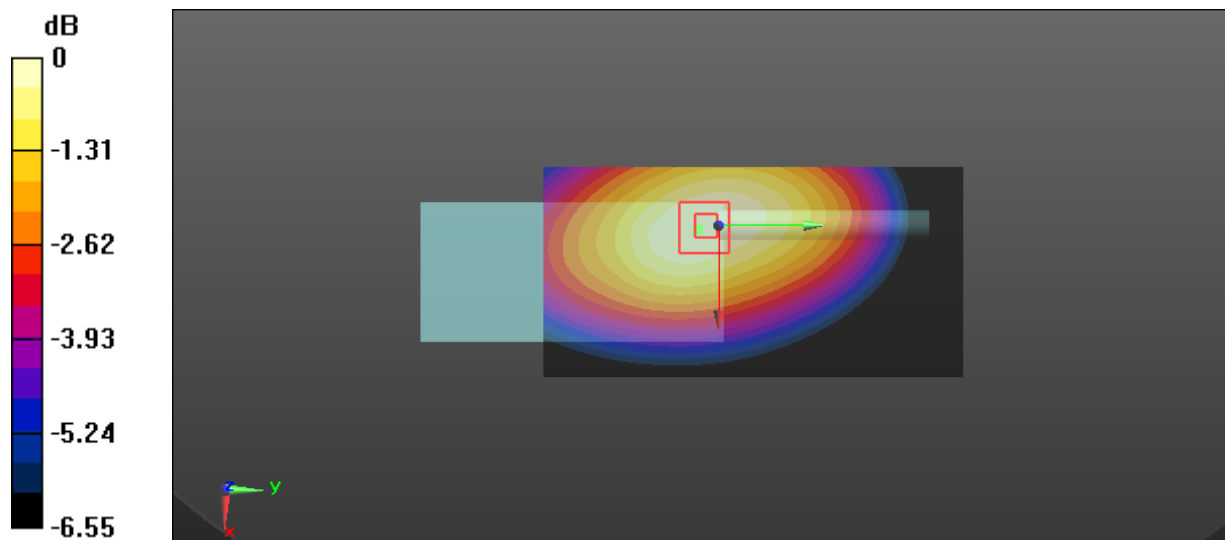
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 65.53 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 4.43 W/kg

SAR(1 g) = 3.47 W/kg; SAR(10 g) = 2.68 W/kg

Maximum value of SAR (measured) = 3.62 W/kg



0 dB = 3.62 W/kg = 5.59 dBW/kg

Test Plot 17#: FM_25kHz_399.9875MHz_Body Back**DUT: Digital Portable Radio; Type: HP702 Uv; Serial: RDG191122001-SA-S1**

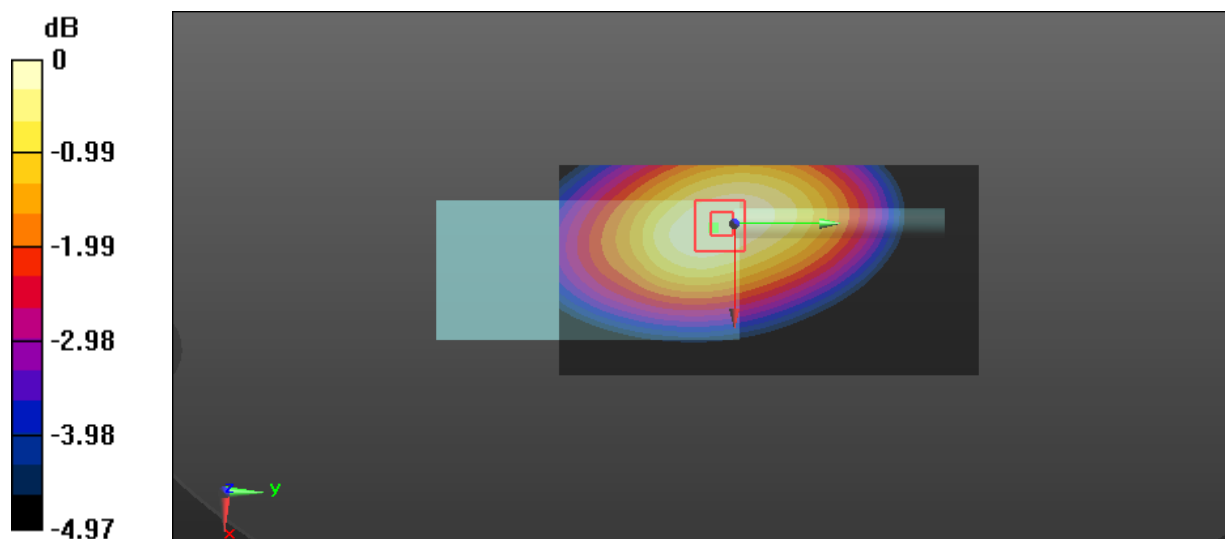
Communication System: FM; Frequency: 399.988 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 399.988 \text{ MHz}$; $\sigma = 0.848 \text{ S/m}$; $\epsilon_r = 43.321$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 399.988 MHz; Calibrated: 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 (61x121x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 3.16 W/kg **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 61.03 V/m ; Power Drift = 0.01 dB Peak SAR (extrapolated) = 3.83 W/kg **SAR(1 g) = 3.01 W/kg ; SAR(10 g) = 2.32 W/kg** Maximum value of SAR (measured) = 3.15 W/kg  $0 \text{ dB} = 3.15 \text{ W/kg} = 4.98 \text{ dBW/kg}$

Test Plot 18#: 4FSK_362.5125MHz_Body Back**DUT: Digital Portable Radio; Type: HP702 Uv; Serial: RDG191122001-SA-S1**

Communication System: 4FSK; Frequency: 362.512 MHz; Duty Cycle: 1:2

Medium parameters used: $f = 362.512$ MHz; $\sigma = 0.841$ S/m; $\epsilon_r = 43.509$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 362.512 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 (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 4.65 W/kg

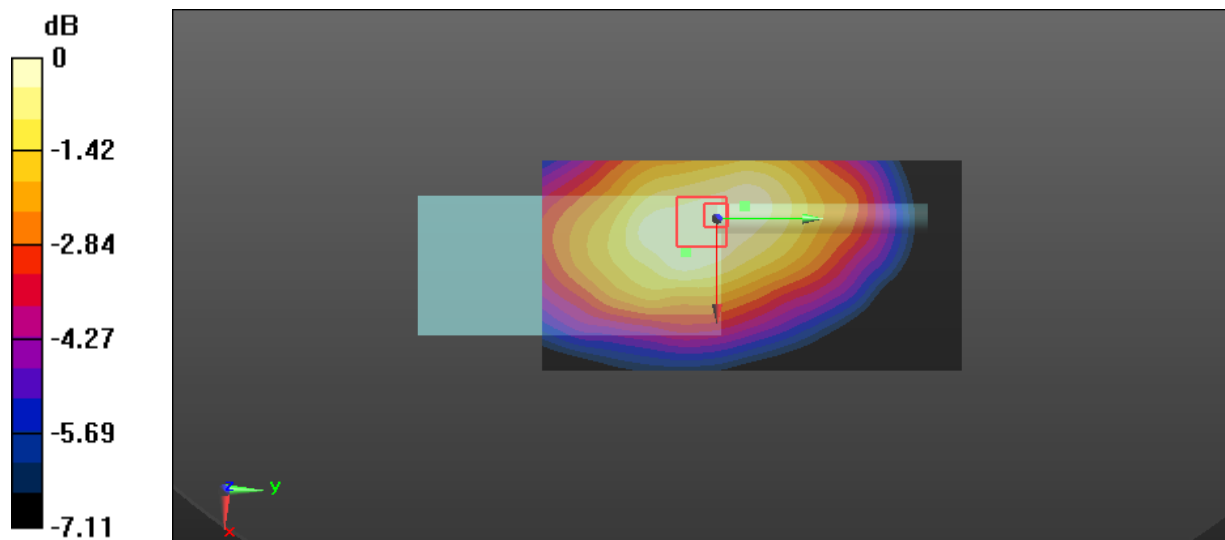
Zoom Scan (7x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 77.57 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 5.72 W/kg

SAR(1 g) = 4.38 W/kg; SAR(10 g) = 3.44 W/kg

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



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

Test Plot 19#: FM_12.5kHz_452.4875MHz_Face Up**DUT: Digital Portable Radio; Type: HP702 Uv; Serial: RDG191122001-SA-S1**

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

Medium parameters used: $f = 452.488$ MHz; $\sigma = 0.89$ S/m; $\epsilon_r = 42.536$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 452.488 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

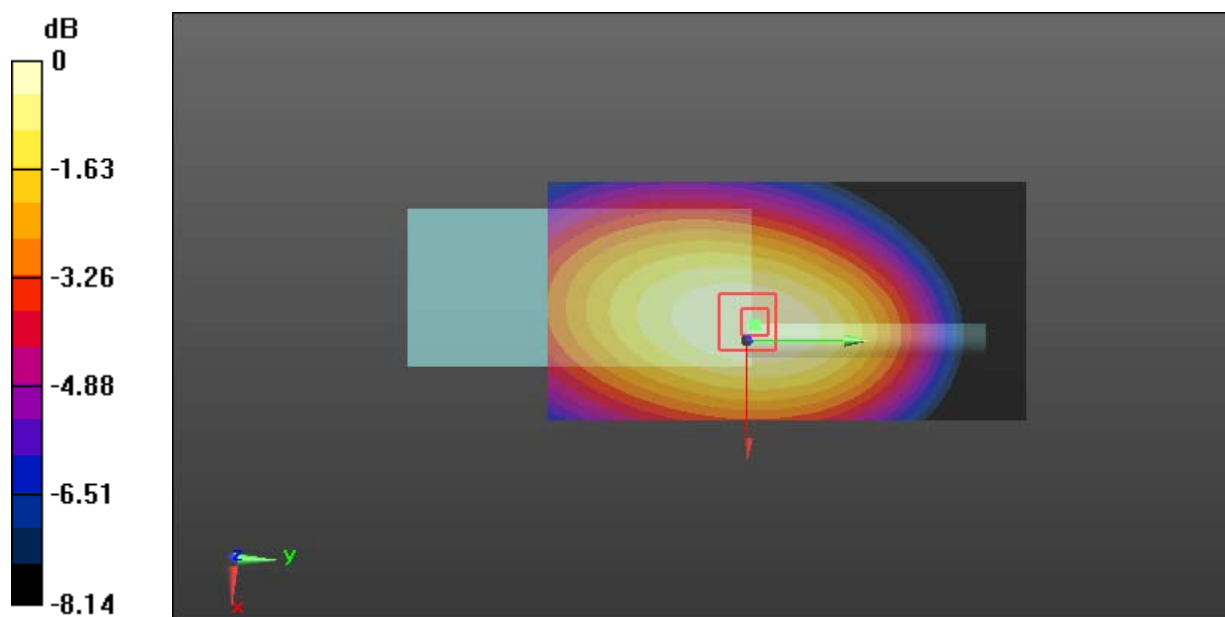
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 88.64 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 8.75 W/kg

SAR(1 g) = 6.5 W/kg; SAR(10 g) = 4.79 W/kg

Maximum value of SAR (measured) = 6.85 W/kg



0 dB = 6.85 W/kg = 8.36 dBW/kg

Test Plot 20#: FM_25kHz_400.0125MHz_Face Up**DUT: Digital Portable Radio; Type: HP702 Uv; Serial: RDG191122001-SA-S1**

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

Medium parameters used: $f = 400.012$ MHz; $\sigma = 0.851$ S/m; $\epsilon_r = 43.193$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 400.012 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (61x121x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 4.72 W/kg

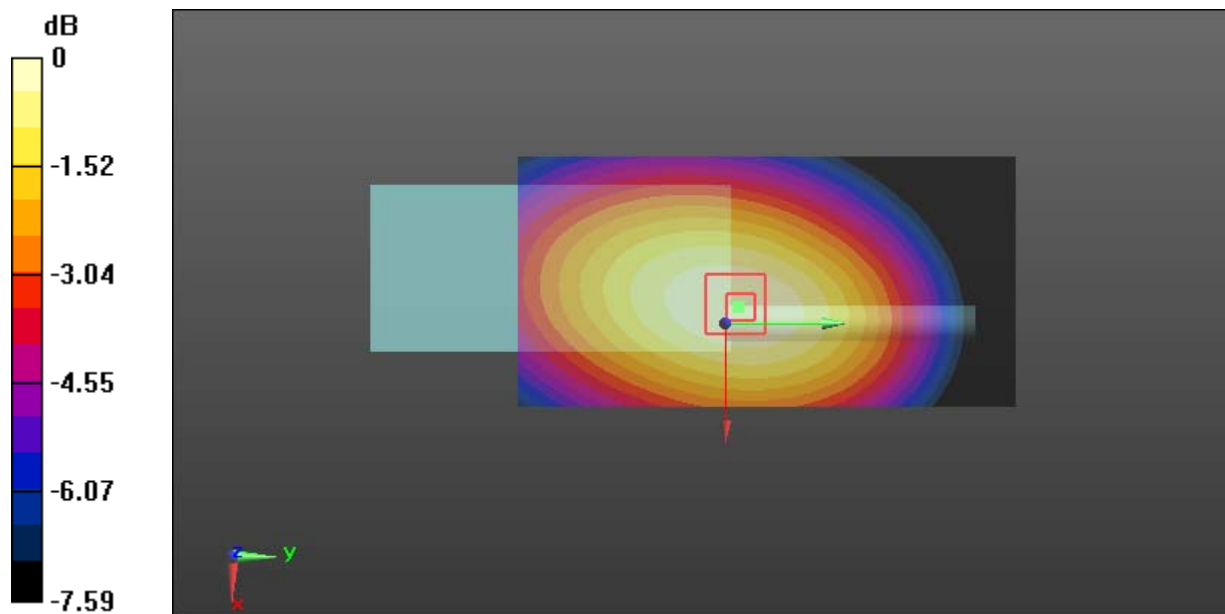
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 74.98 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 5.93 W/kg

SAR(1 g) = 4.49 W/kg; SAR(10 g) = 3.37 W/kg

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



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

Test Plot 21#: FM_25kHz_417.5125MHz_Face Up**DUT: Digital Portable Radio; Type: HP702 Uv; Serial: RDG191122001-SA-S1**

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

Medium parameters used: $f = 417.512$ MHz; $\sigma = 0.857$ S/m; $\epsilon_r = 43.159$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 417.512 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 7.41 W/kg

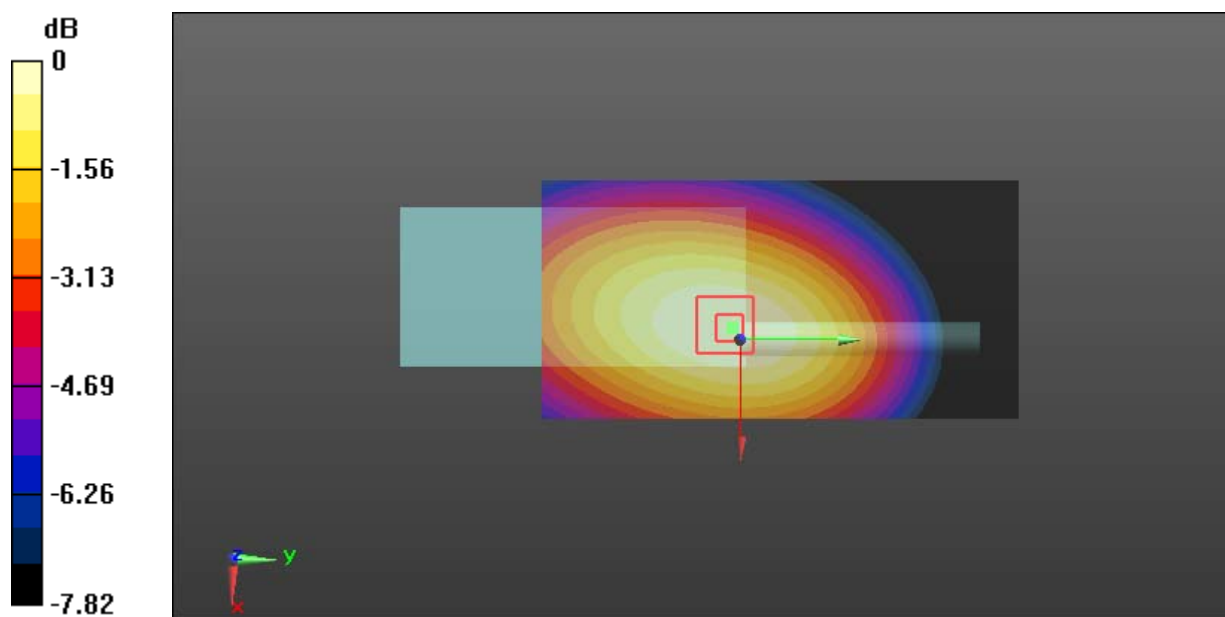
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 94.31 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 9.16 W/kg

SAR(1 g) = 6.88 W/kg; SAR(10 g) = 5.13 W/kg

Maximum value of SAR (measured) = 7.23 W/kg



0 dB = 7.23 W/kg = 8.59 dBW/kg

Test Plot 22#: FM_25kHz_435MHz_Face Up**DUT: Digital Portable Radio; Type: HP702 Uv; Serial: RDG191122001-SA-S1**

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

Medium parameters used: $f = 435$ MHz; $\sigma = 0.865$ S/m; $\epsilon_r = 43.097$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 435 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 7.61 W/kg

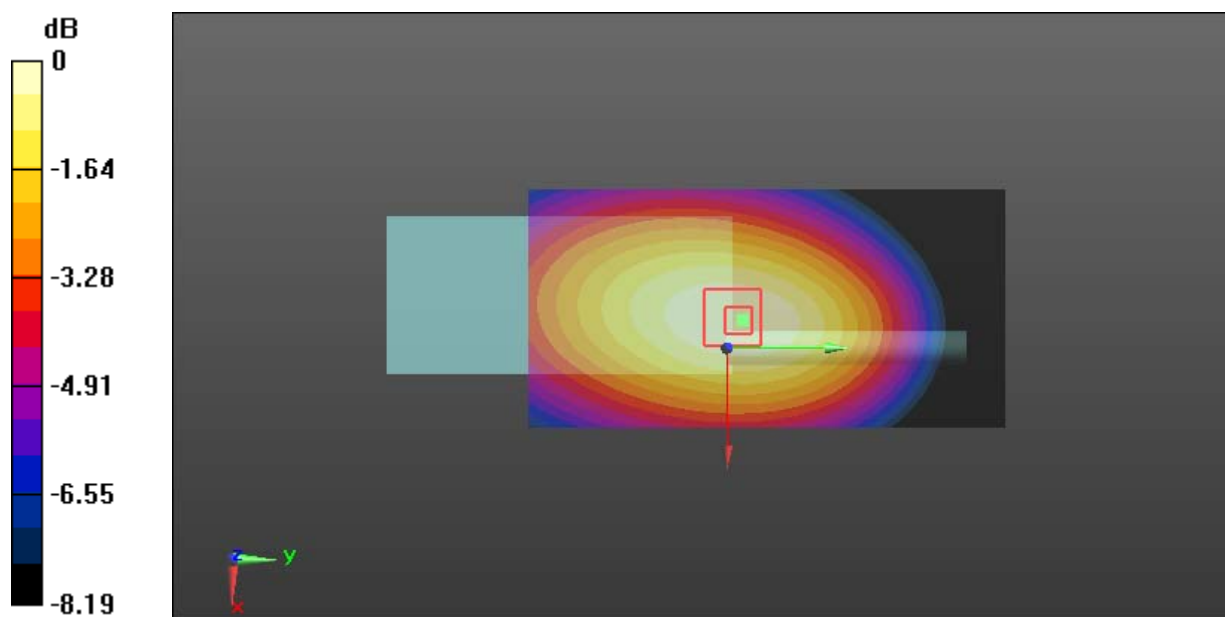
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 91.24 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 9.79 W/kg

SAR(1 g) = 7.27 W/kg; SAR(10 g) = 5.37 W/kg

Maximum value of SAR (measured) = 7.65 W/kg



0 dB = 7.65 W/kg = 8.84 dBW/kg

Test Plot 23#: FM_25kHz_452.4875MHz_Face Up**DUT: Digital Portable Radio; Type: HP702 Uv; Serial: RDG191122001-SA-S1**

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

Medium parameters used: $f = 452.488$ MHz; $\sigma = 0.89$ S/m; $\epsilon_r = 42.536$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 452.488 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 9.26 W/kg

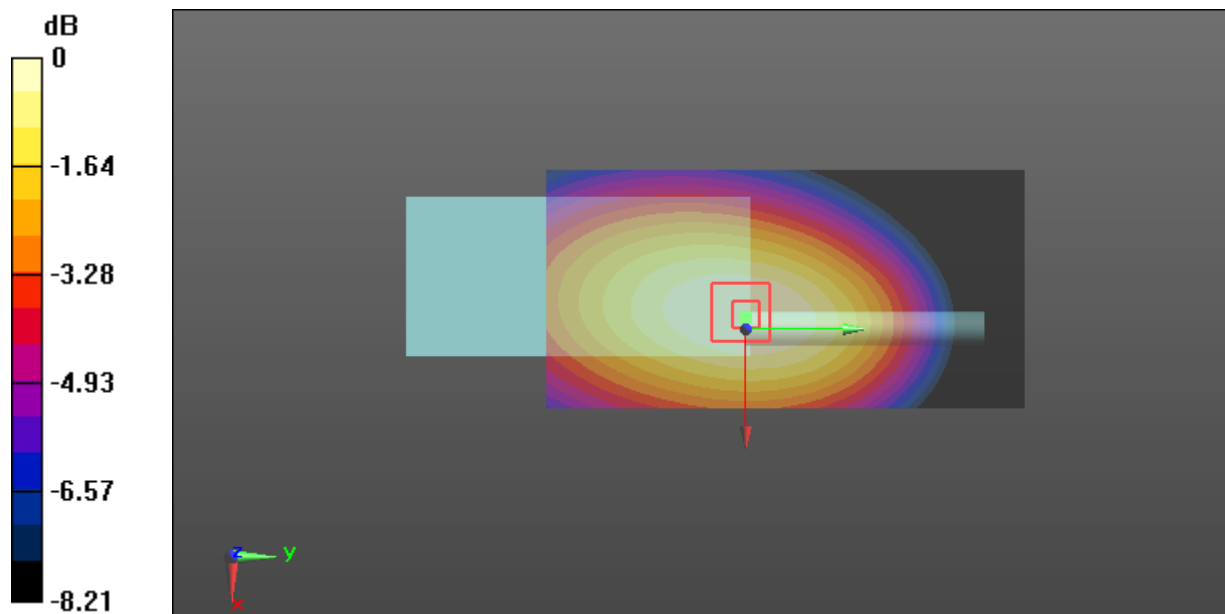
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 103.5 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 11.6 W/kg

SAR(1 g) = 8.56 W/kg; SAR(10 g) = 6.29 W/kg

Maximum value of SAR (measured) = 9.01 W/kg



0 dB = 9.01 W/kg = 9.55 dBW/kg

Test Plot 24#: FM_25kHz_469.9875MHz_Face Up**DUT: Digital Portable Radio; Type: HP702 Uv; Serial: RDG191122001-SA-S1**

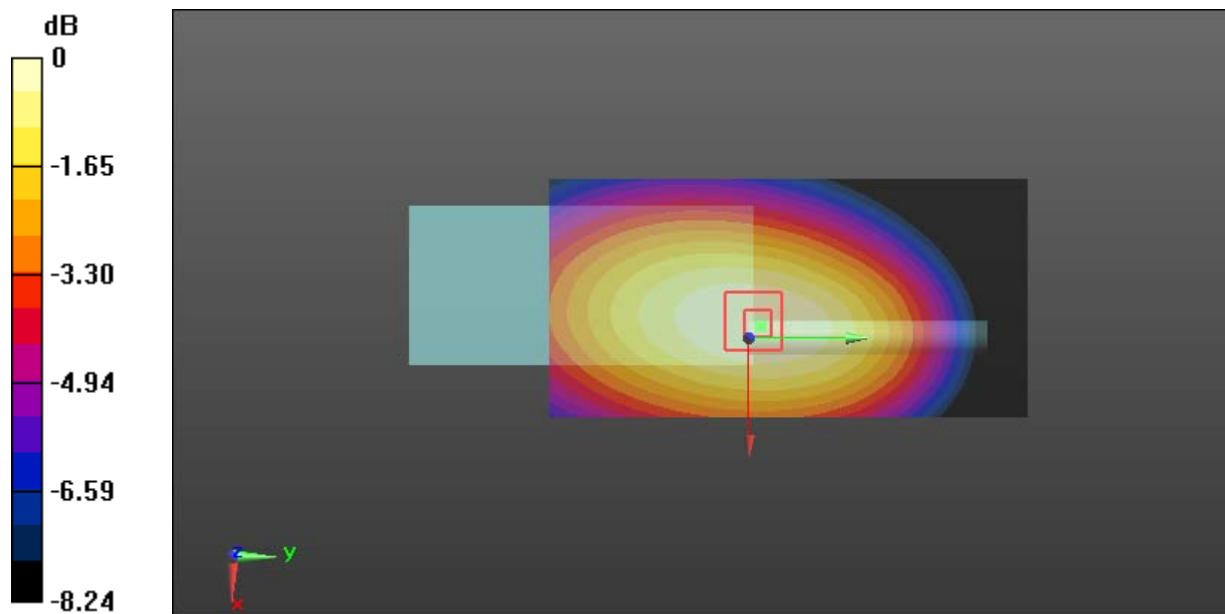
Communication System: FM; Frequency: 469.988 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 469.988 \text{ MHz}$; $\sigma = 0.894 \text{ S/m}$; $\epsilon_r = 42.156$; $\rho = 1000 \text{ kg/m}^3$

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: 2018/12/3
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (61x121x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 5.89 W/kg **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 81.44 V/m ; Power Drift = -0.18 dB Peak SAR (extrapolated) = 7.42 W/kg **SAR(1 g) = 5.5 W/kg ; SAR(10 g) = 4.05 W/kg** Maximum value of SAR (measured) = 5.78 W/kg 0 dB = 5.78 W/kg = 7.62 dBW/kg

Test Plot 25#: 4FSK_452.4875MHz_Face Up**DUT: Digital Portable Radio; Type: HP702 Uv; Serial: RDG191122001-SA-S1**

Communication System: 4FSK; Frequency: 452.488 MHz; Duty Cycle: 1:2

Medium parameters used: $f = 452.488$ MHz; $\sigma = 0.89$ S/m; $\epsilon_r = 42.536$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 452.488 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 3.47 W/kg

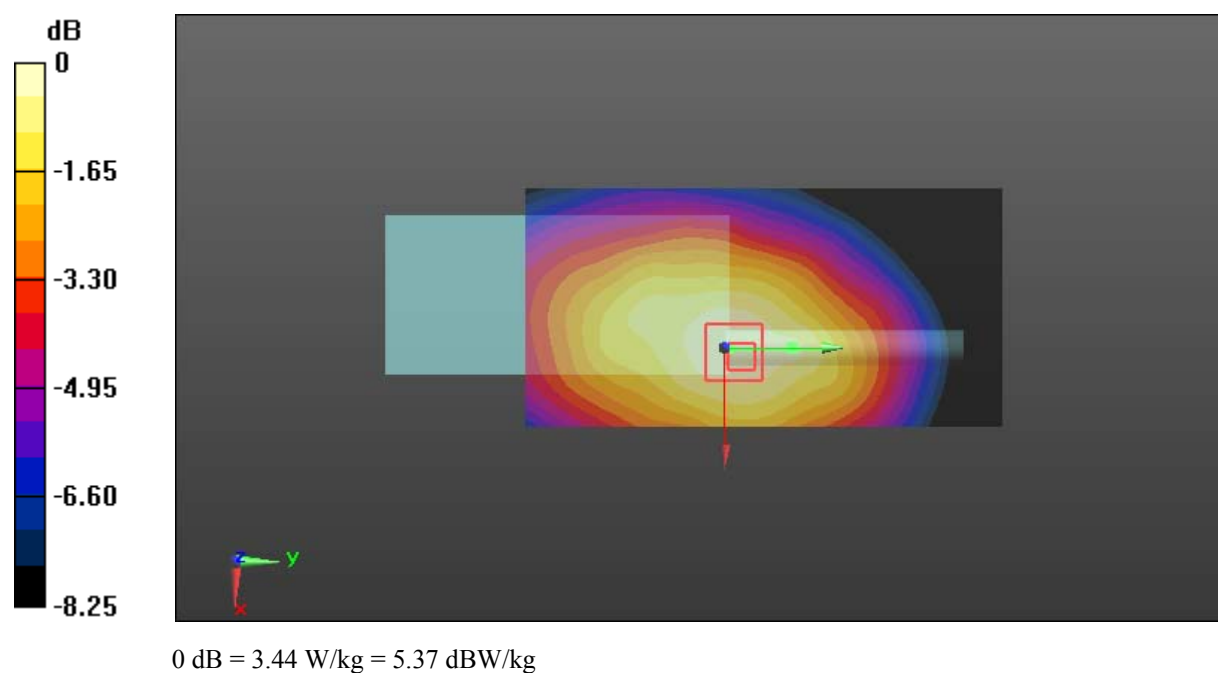
Zoom Scan (6x7x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 63.29 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 5.58 W/kg

SAR(1 g) = 3.36 W/kg; SAR(10 g) = 2.45 W/kg

Maximum value of SAR (measured) = 3.44 W/kg



Test Plot 26#: FM_12.5kHz_400.0125MHz_Body Back**DUT: Digital Portable Radio; Type: HP702 Uv; Serial: RDG191122001-SA-S1**

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

Medium parameters used: $f = 400.012$ MHz; $\sigma = 0.851$ S/m; $\epsilon_r = 43.193$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 400.012 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (61x121x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 8.42 W/kg

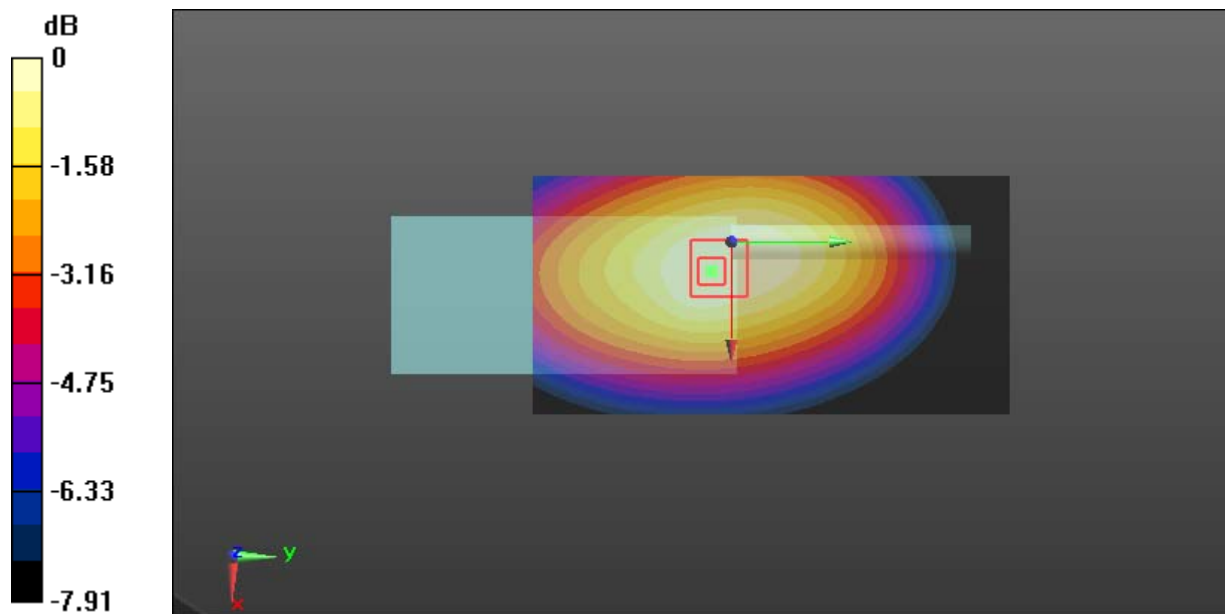
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 98.99 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 10.4 W/kg

SAR(1 g) = 7.79 W/kg; SAR(10 g) = 5.75 W/kg

Maximum value of SAR (measured) = 8.19 W/kg



0 dB = 8.19 W/kg = 9.13 dBW/kg

Test Plot 27#: FM_12.5kHz_417.5125MHz_Body Back**DUT: Digital Portable Radio; Type: HP702 Uv; Serial: RDG191122001-SA-S1**

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

Medium parameters used: $f = 417.512$ MHz; $\sigma = 0.857$ S/m; $\epsilon_r = 43.159$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 417.512 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 9.33 W/kg

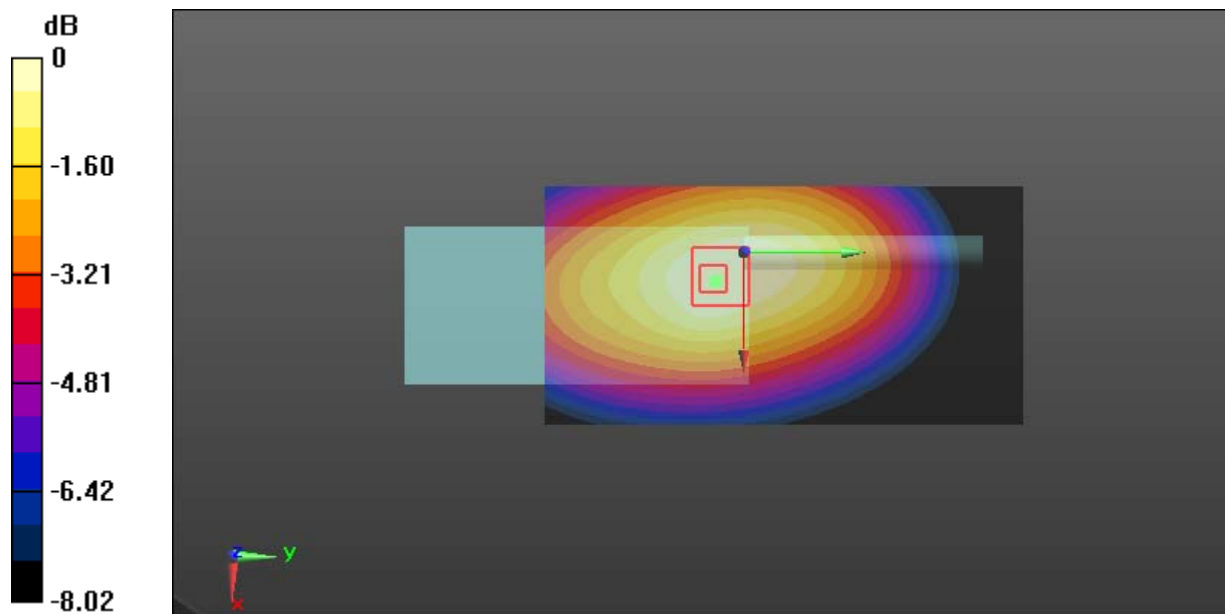
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 104.4 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 11.8 W/kg

SAR(1 g) = 8.73 W/kg; SAR(10 g) = 6.39 W/kg

Maximum value of SAR (measured) = 9.18 W/kg



0 dB = 9.18 W/kg = 9.63 dBW/kg

Test Plot 28#: FM_12.5kHz_435MHz_Body Back**DUT: Digital Portable Radio; Type: HP702 Uv; Serial: RDG191122001-SA-S1**

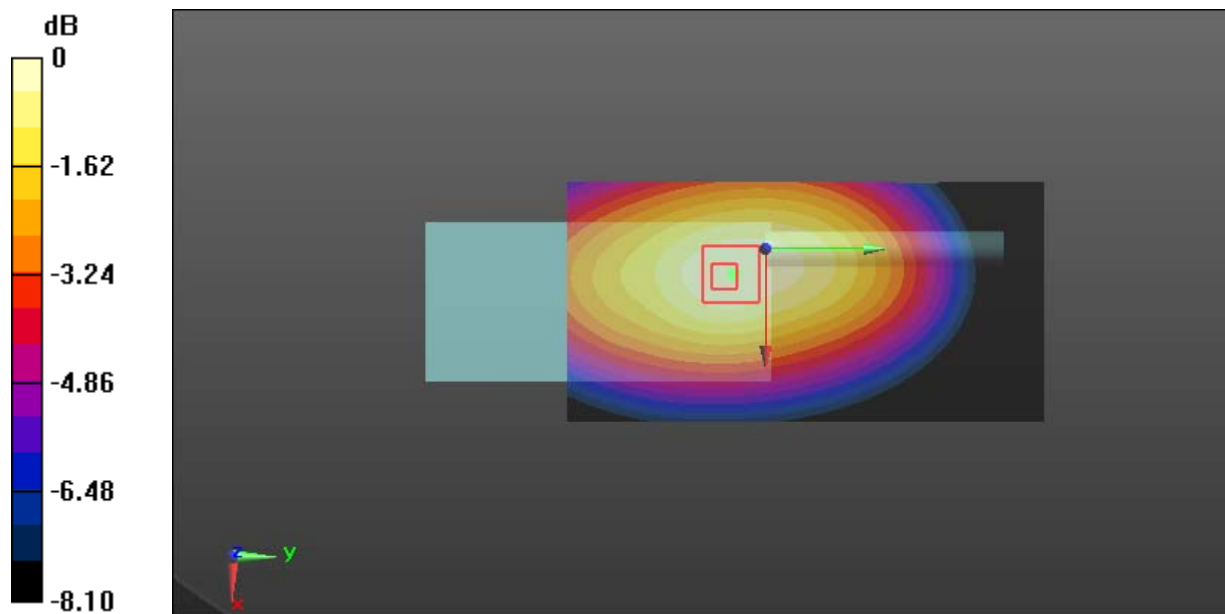
Communication System: FM; Frequency: 435 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 435 \text{ MHz}$; $\sigma = 0.865 \text{ S/m}$; $\epsilon_r = 43.097$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 435 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (61x121x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 8.92 W/kg **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 100.3 V/m ; Power Drift = -0.17 dB Peak SAR (extrapolated) = 11.7 W/kg **SAR(1 g) = 8.54 W/kg ; SAR(10 g) = 6.21 W/kg** Maximum value of SAR (measured) = 8.99 W/kg 0 dB = 8.99 W/kg = 9.54 dBW/kg

Test Plot 29#: FM_12.5kHz_452.4875MHz_Body Back**DUT: Digital Portable Radio; Type: HP702 Uv; Serial: RDG191122001-SA-S1**

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

Medium parameters used: $f = 452.488$ MHz; $\sigma = 0.89$ S/m; $\epsilon_r = 42.536$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 452.488 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 9.04 W/kg

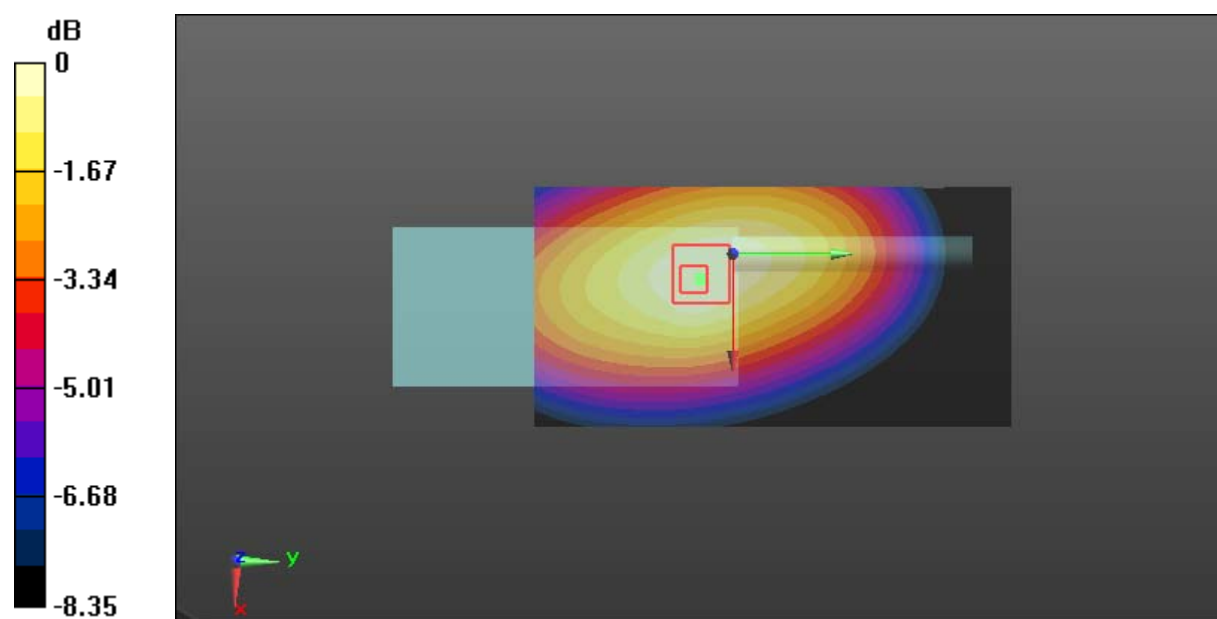
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 101.3 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 11.7 W/kg

SAR(1 g) = 8.59 W/kg; SAR(10 g) = 6.23 W/kg

Maximum value of SAR (measured) = 9.05 W/kg



0 dB = 9.05 W/kg = 9.57 dBW/kg

Test Plot 30#: FM_12.5kHz_469.9875MHz_Body Back**DUT: Digital Portable Radio; Type: HP702 Uv; Serial: RDG191122001-SA-S1**

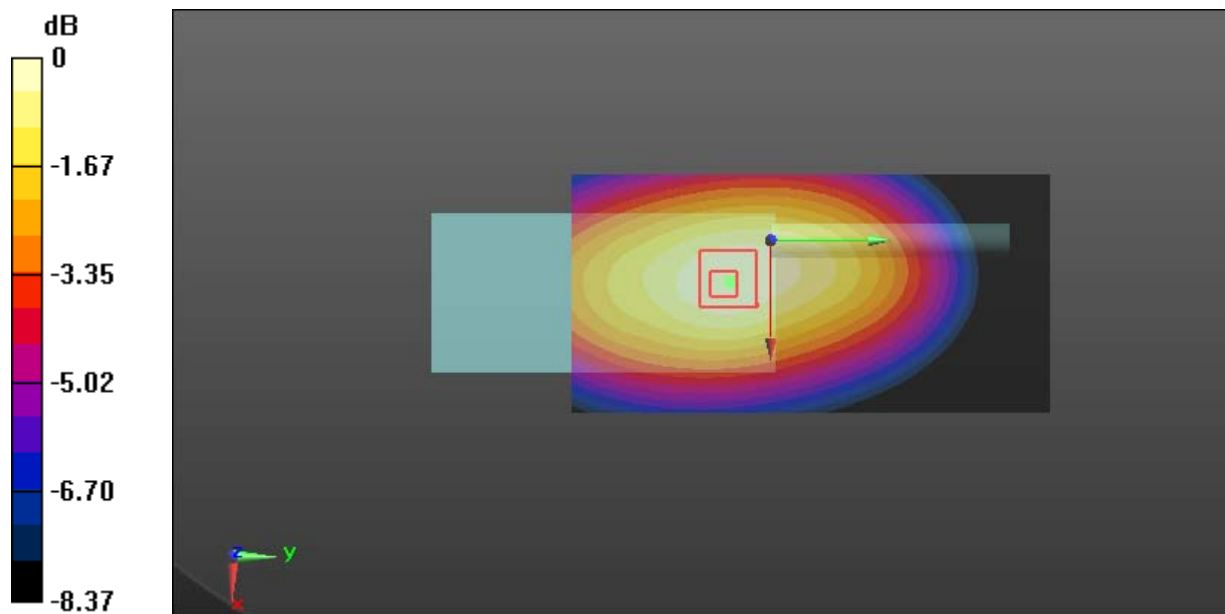
Communication System: FM; Frequency: 469.988 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 469.988 \text{ MHz}$; $\sigma = 0.894 \text{ S/m}$; $\epsilon_r = 42.156$; $\rho = 1000 \text{ kg/m}^3$

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: 2018/12/3
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (61x121x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 6.89 W/kg **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 81.81 V/m ; Power Drift = -0.13 dB Peak SAR (extrapolated) = 8.82 W/kg **SAR(1 g) = 6.47 W/kg ; SAR(10 g) = 4.67 W/kg** Maximum value of SAR (measured) = 6.83 W/kg 0 dB = 6.83 W/kg = 8.34 dBW/kg

Test Plot 31#: FM_25kHz_400.0125MHz_Body Back**DUT: Digital Portable Radio; Type: HP702 Uv; Serial: RDG191122001-SA-S1**

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

Medium parameters used: $f = 400.012$ MHz; $\sigma = 0.851$ S/m; $\epsilon_r = 43.193$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 400.012 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 6.63 W/kg

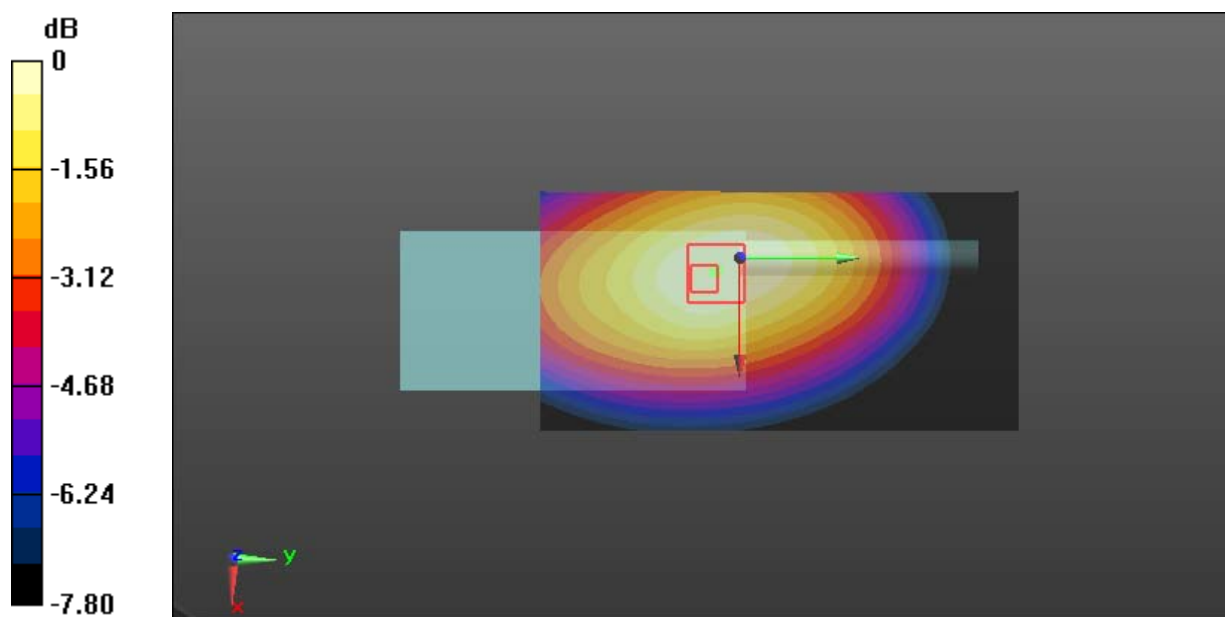
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 92.18 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 8.24 W/kg

SAR(1 g) = 6.19 W/kg; SAR(10 g) = 4.59 W/kg

Maximum value of SAR (measured) = 6.46 W/kg



0 dB = 6.46 W/kg = 8.10 dBW/kg

Test Plot 32#: FM_25kHz_417.5125MHz_Body Back**DUT: Digital Portable Radio; Type: HP702 Uv; Serial: RDG191122001-SA-S1**

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

Medium parameters used: $f = 417.512$ MHz; $\sigma = 0.857$ S/m; $\epsilon_r = 43.159$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 417.512 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

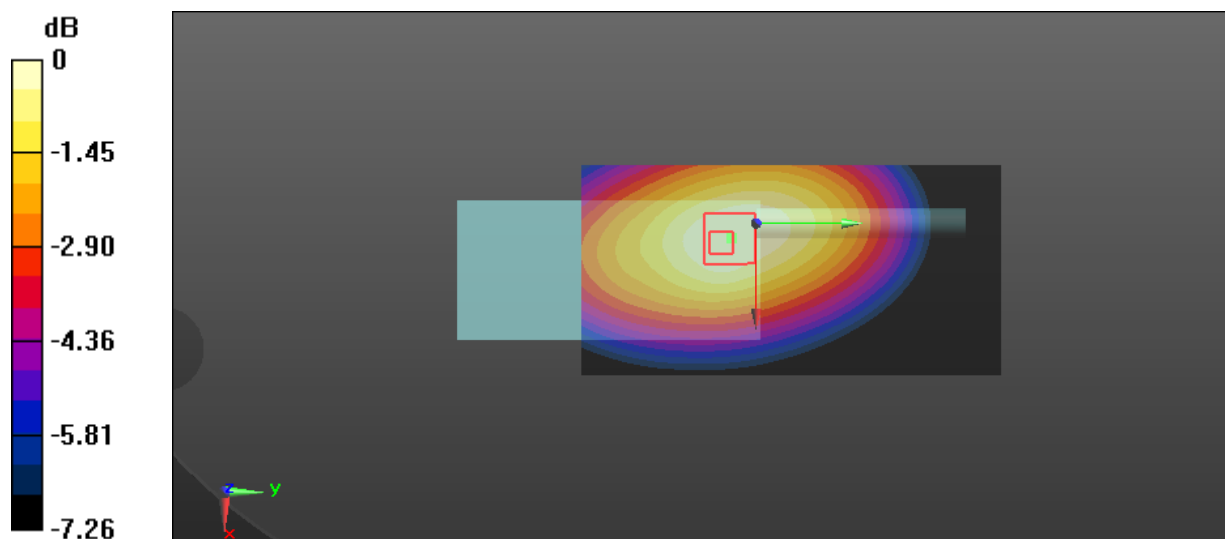
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 112.3 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 13.5 W/kg

SAR(1 g) = 9.95 W/kg; SAR(10 g) = 7.33 W/kg

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



0 dB = 10.4 W/kg = 10.17 dBW/kg

Test Plot 33#: FM_25kHz_435MHz_Body Back**DUT: Digital Portable Radio; Type: HP702 Uv; Serial: RDG191122001-SA-S1**

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

Medium parameters used: $f = 435$ MHz; $\sigma = 0.865$ S/m; $\epsilon_r = 43.097$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 435 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 9.07 W/kg

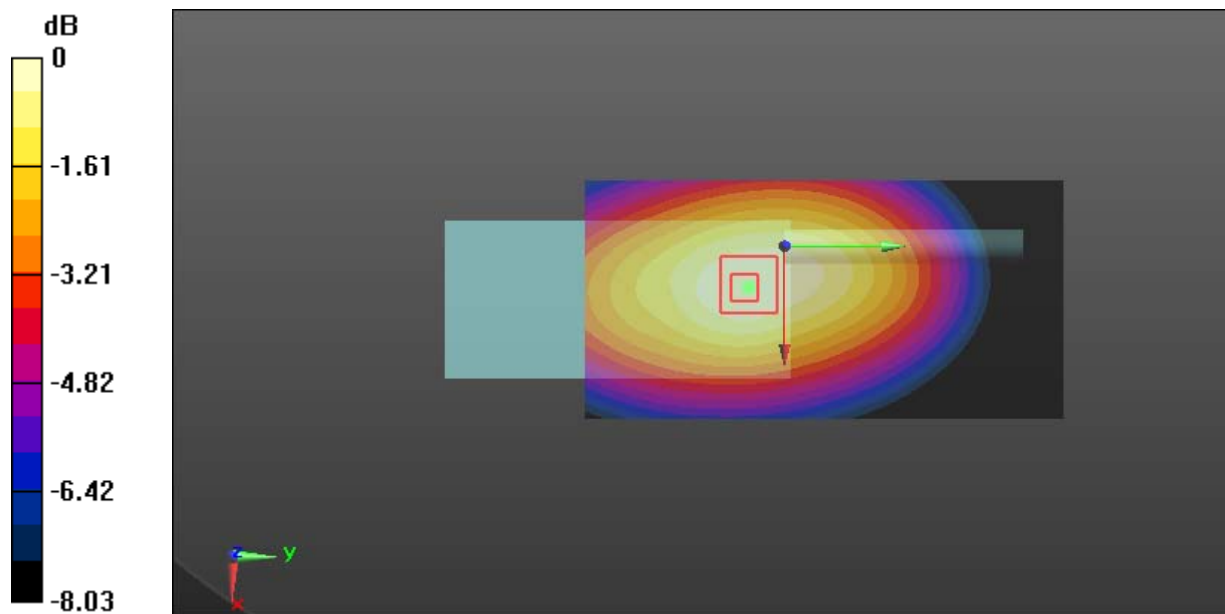
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 96.56 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 11.5 W/kg

SAR(1 g) = 8.53 W/kg; SAR(10 g) = 6.25 W/kg

Maximum value of SAR (measured) = 8.97 W/kg



0 dB = 8.97 W/kg = 9.53 dBW/kg

Test Plot 34#: FM_25kHz_452.4875MHz_Body Back**DUT: Digital Portable Radio; Type: HP702 Uv; Serial: RDG191122001-SA-S1**

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

Medium parameters used: $f = 452.488$ MHz; $\sigma = 0.89$ S/m; $\epsilon_r = 42.536$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 452.488 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 9.33 W/kg

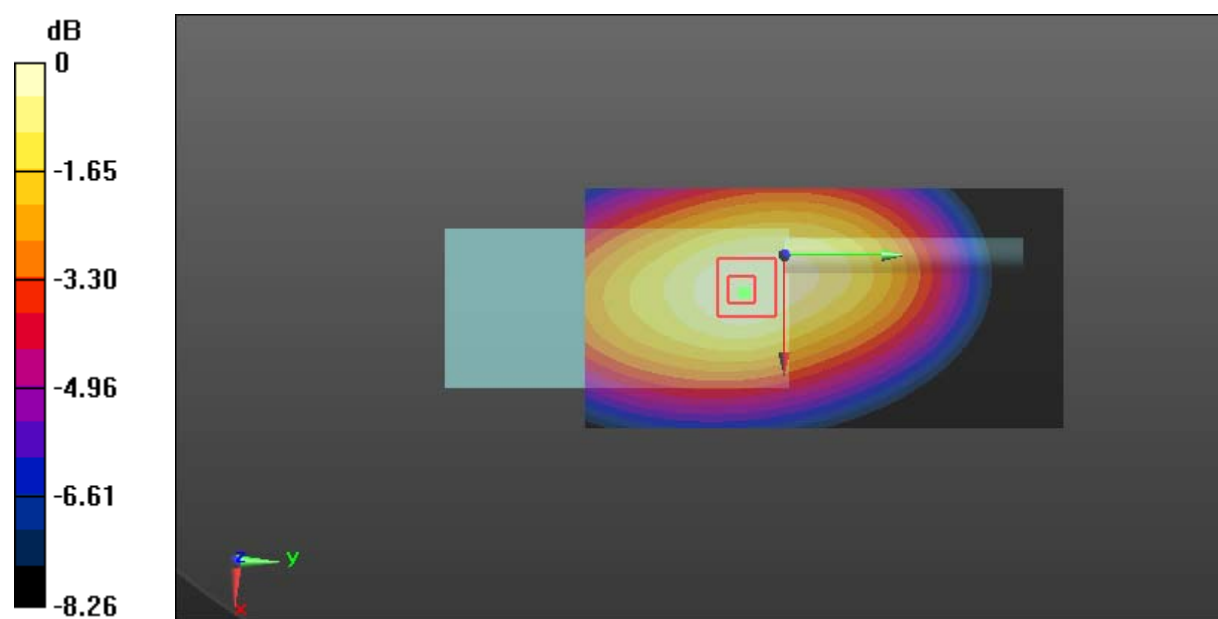
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 98.54 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 12.0 W/kg

SAR(1 g) = 8.77 W/kg; SAR(10 g) = 6.36 W/kg

Maximum value of SAR (measured) = 9.26 W/kg



0 dB = 9.26 W/kg = 9.67 dBW/kg

Test Plot 35#: FM_25kHz_469.9875MHz_Body Back**DUT: Digital Portable Radio; Type: HP702 Uv; Serial: RDG191122001-SA-S1**

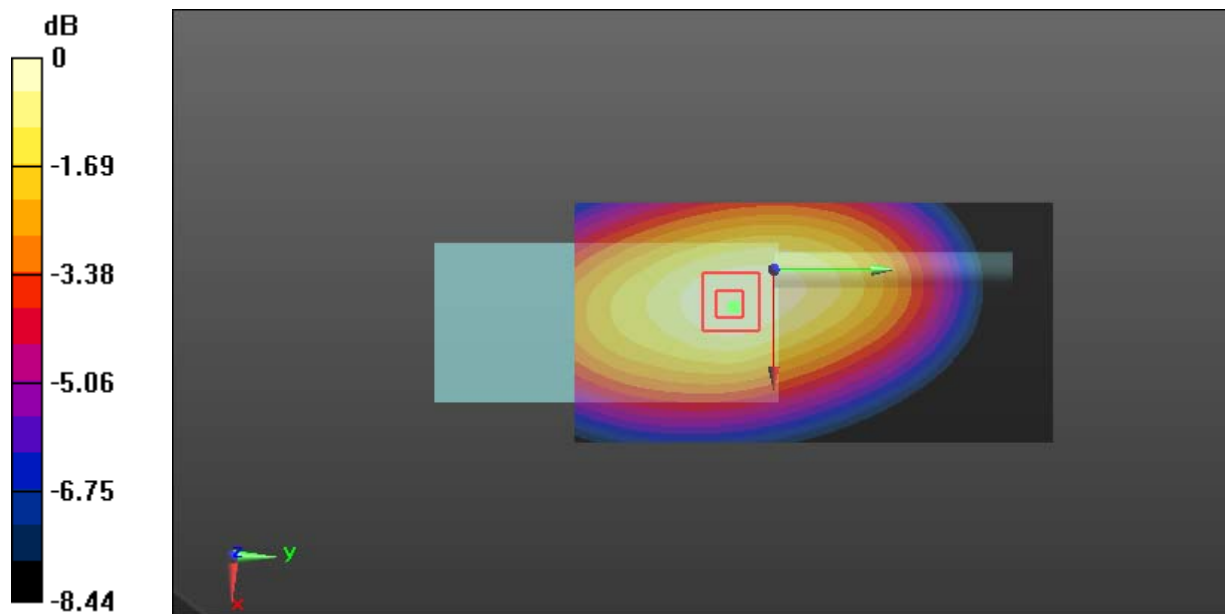
Communication System: FM; Frequency: 469.988 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 469.988 \text{ MHz}$; $\sigma = 0.894 \text{ S/m}$; $\epsilon_r = 42.156$; $\rho = 1000 \text{ kg/m}^3$

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: 2018/12/3
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (61x121x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 6.92 W/kg **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 84.99 V/m ; Power Drift = -0.10 dB Peak SAR (extrapolated) = 8.93 W/kg **SAR(1 g) = 6.57 W/kg ; SAR(10 g) = 4.76 W/kg** Maximum value of SAR (measured) = 6.92 W/kg 0 dB = 6.92 W/kg = 8.40 dBW/kg

Test Plot 36#: 4FSK_417.5125MHz_Body Back**DUT: Digital Portable Radio; Type: HP702 Uv; Serial: RDG191122001-SA-S1**

Communication System: 4FSK; Frequency: 417.512 MHz; Duty Cycle: 1:2

Medium parameters used: $f = 417.512$ MHz; $\sigma = 0.857$ S/m; $\epsilon_r = 43.159$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 417.512 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn471; Calibrated: 2018/12/3
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 4.36 W/kg

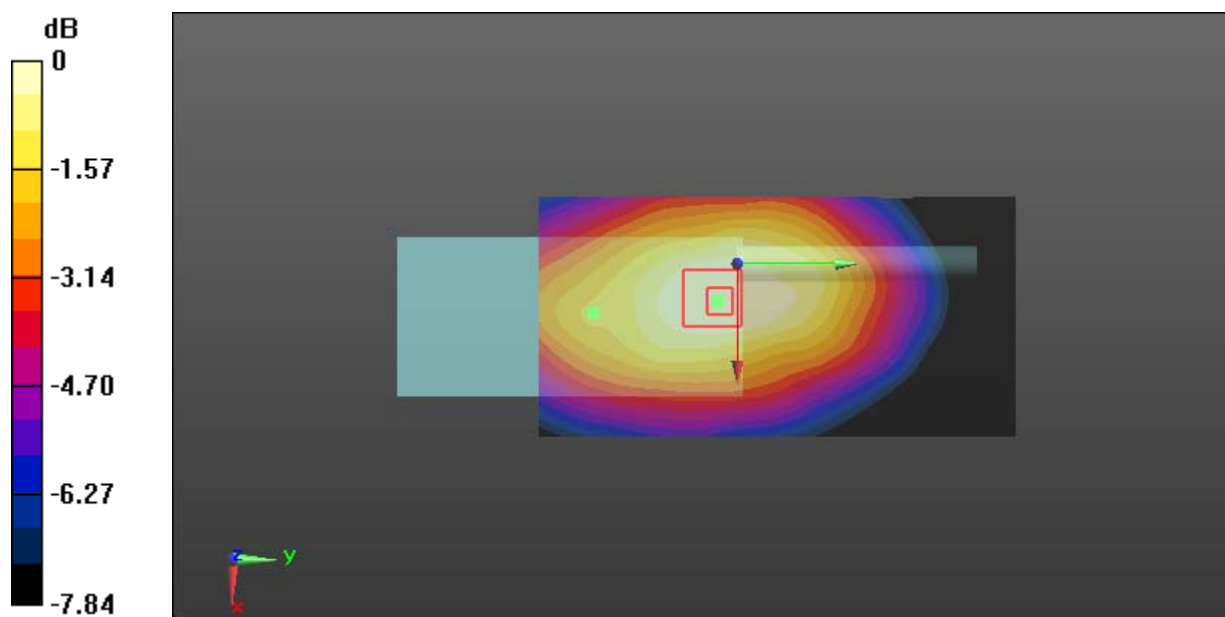
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 68.22 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 5.57 W/kg

SAR(1 g) = 3.99 W/kg; SAR(10 g) = 3.04 W/kg

Maximum value of SAR (measured) = 4.23 W/kg



0 dB = 4.23 W/kg = 6.26 dBW/kg