

Test Plot 1#: FM_12.5kHz_430.0125MHz_Face Up**DUT: Digital Portable Radio; Type: GD700; Serial: RSZ200413810-SA-S1**

Communication System: FM; Frequency: 430.012 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 430.012$ MHz; $\sigma = 0.858$ S/m; $\epsilon_r = 44.224$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 430.012 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 (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 3.94 W/kg

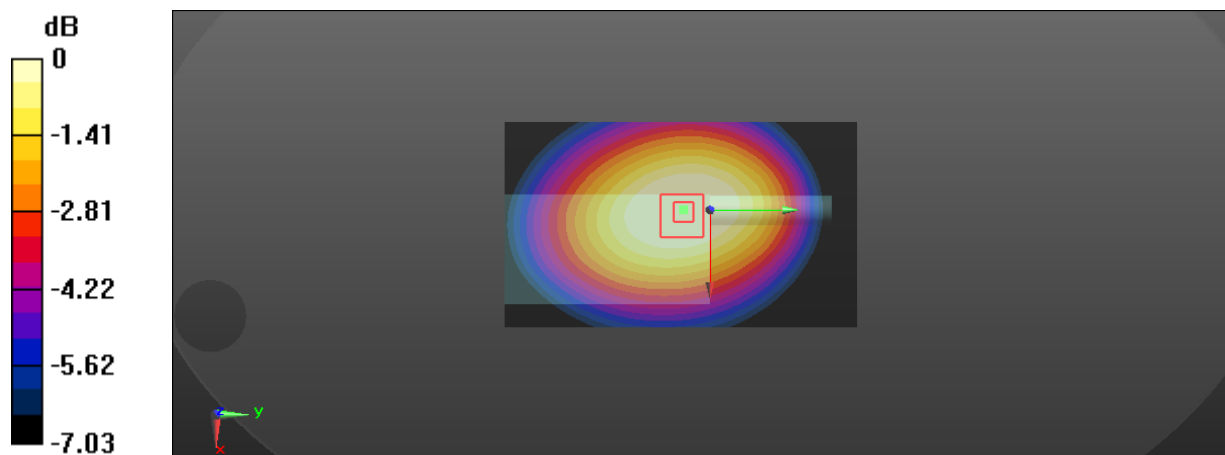
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 69.72 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 4.38 W/kg

SAR(1 g) = 3.45 W/kg; SAR(10 g) = 2.67 W/kg

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



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

Test Plot 2#: FM_12.5kHz_440.0125MHz_Face Up**DUT: Digital Portable Radio; Type: GD700; Serial: RSZ200413810-SA-S1**

Communication System: FM; Frequency: 440.012 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 440.012$ MHz; $\sigma = 0.864$ S/m; $\epsilon_r = 43.908$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 440.012 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 (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

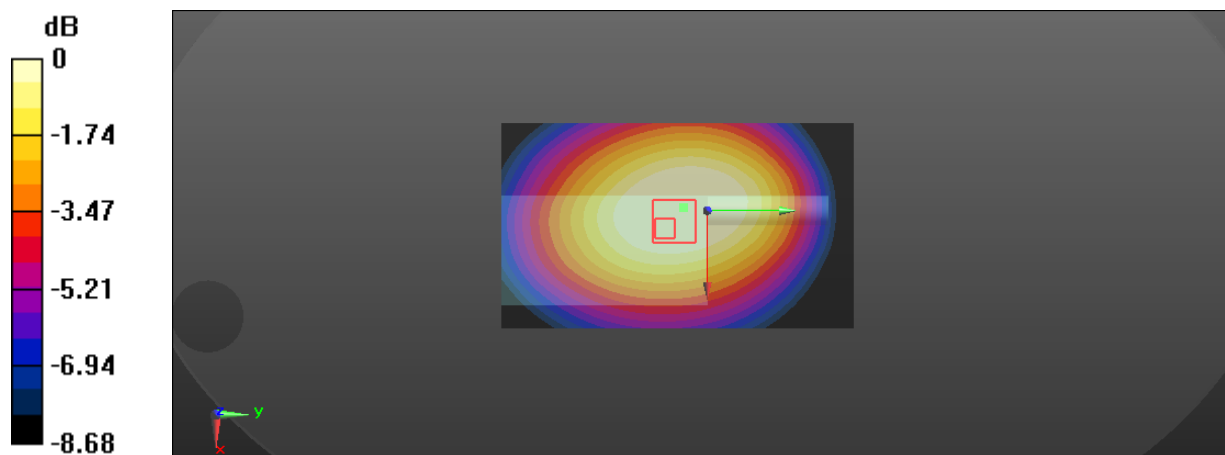
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 64.25 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 3.77 W/kg

SAR(1 g) = 2.93 W/kg; SAR(10 g) = 2.27 W/kg

Maximum value of SAR (measured) = 3.01 W/kg



0 dB = 3.01 W/kg = 4.79 dBW/kg

Test Plot 3#: FM_12.5kHz_450.0125MHz_Face Up**DUT: Digital Portable Radio; Type: GD700; Serial: RSZ200413810-SA-S1**

Communication System: FM; Frequency: 450.012 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 450.012$ MHz; $\sigma = 0.879$ S/m; $\epsilon_r = 43.688$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 450.012 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 (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 2.92 W/kg

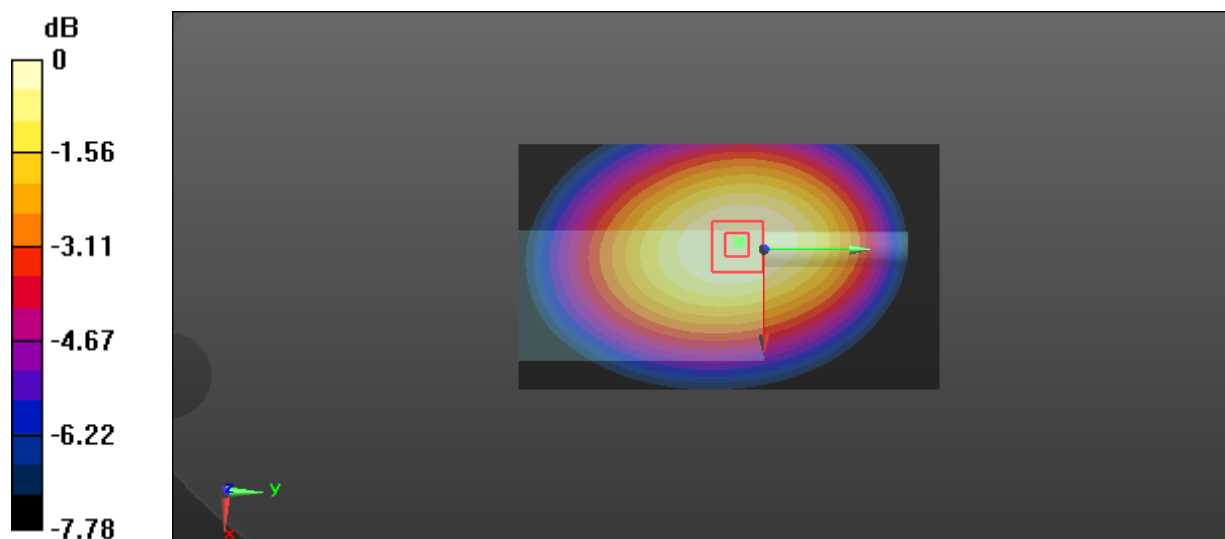
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 58.12 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 3.53 W/kg

SAR(1 g) = 2.66 W/kg; SAR(10 g) = 1.99 W/kg

Maximum value of SAR (measured) = 2.80 W/kg



0 dB = 2.80 W/kg = 4.47 dBW/kg

Test Plot 4#: FM_12.5kHz_459.9875MHz_Face Up**DUT: Digital Portable Radio; Type: GD700; Serial: RSZ200413810-SA-S1**

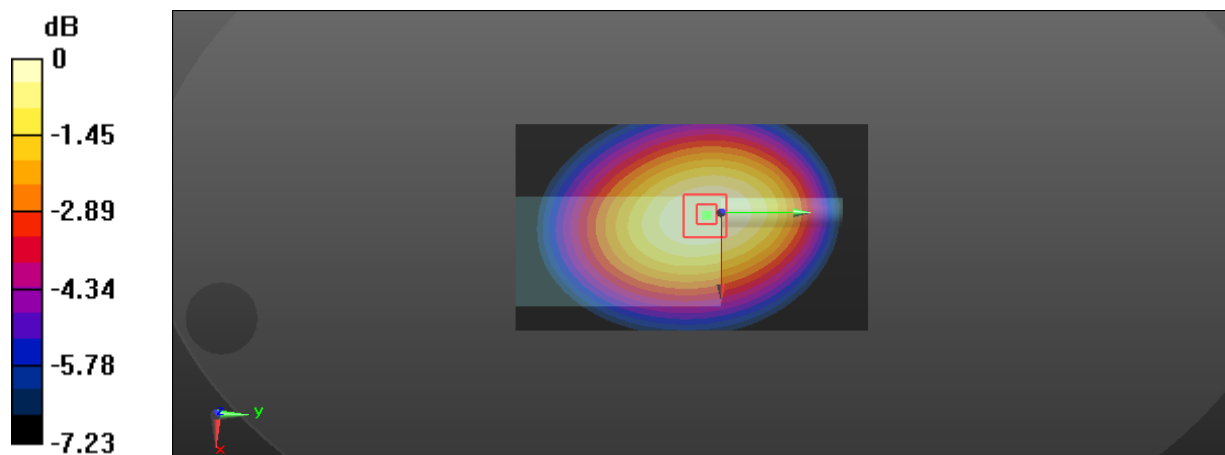
Communication System: FM; Frequency: 459.988 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 459.988 \text{ MHz}$; $\sigma = 0.898 \text{ S/m}$; $\epsilon_r = 43.507$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 459.988 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 (71x121x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 1.67 W/kg **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 43.30 V/m ; Power Drift = -0.15 dB Peak SAR (extrapolated) = 2.02 W/kg **SAR(1 g) = 1.57 W/kg ; SAR(10 g) = 1.2 W/kg** Maximum value of SAR (measured) = 1.64 W/kg 0 dB = 1.64 W/kg = 2.15 dBW/kg

Test Plot 5#: FM_12.5kHz_469.9875MHz_Face Up**DUT: Digital Portable Radio; Type: GD700; Serial: RSZ200413810-SA-S1**

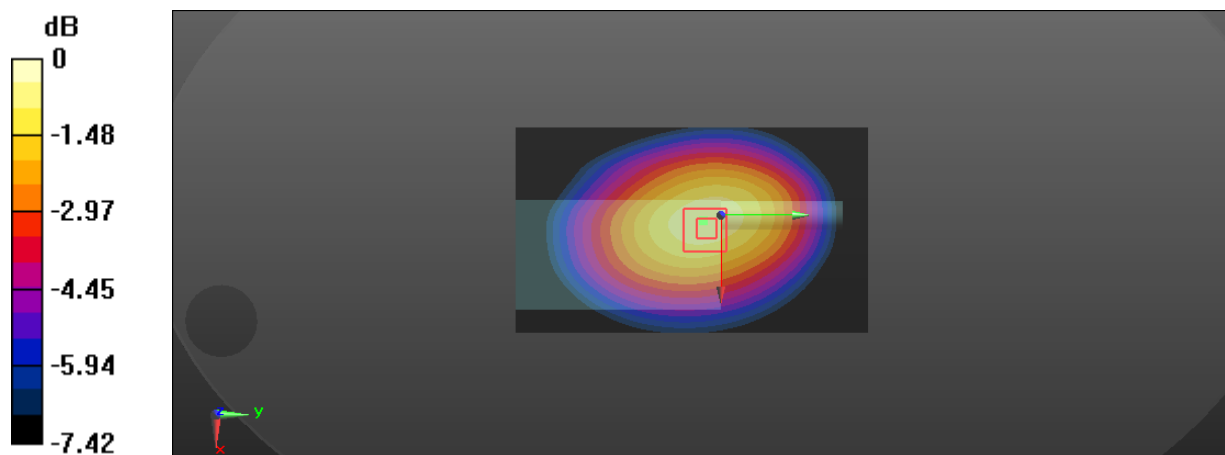
Communication System: FM; Frequency: 469.988 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 469.988 \text{ MHz}$; $\sigma = 0.899 \text{ S/m}$; $\epsilon_r = 43.332$; $\rho = 1000 \text{ kg/m}^3$

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: 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 (71x121x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 1.46 W/kg **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 41.89 V/m ; Power Drift = 0.15 dB Peak SAR (extrapolated) = 2.07 W/kg **SAR(1 g) = 1.61 W/kg ; SAR(10 g) = 1.23 W/kg** Maximum value of SAR (measured) = 1.68 W/kg 0 dB = 1.68 W/kg = 2.25 dBW/kg

Test Plot 6#: 4FSK_430.0125MHz_Face Up**DUT: Digital Portable Radio; Type: GD700; Serial: RSZ200413810-SA-S1**

Communication System: 4FSK; Frequency: 430.012 MHz; Duty Cycle: 1:2

Medium parameters used: $f = 430.012$ MHz; $\sigma = 0.858$ S/m; $\epsilon_r = 44.224$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 430.012 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 (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.274 W/kg

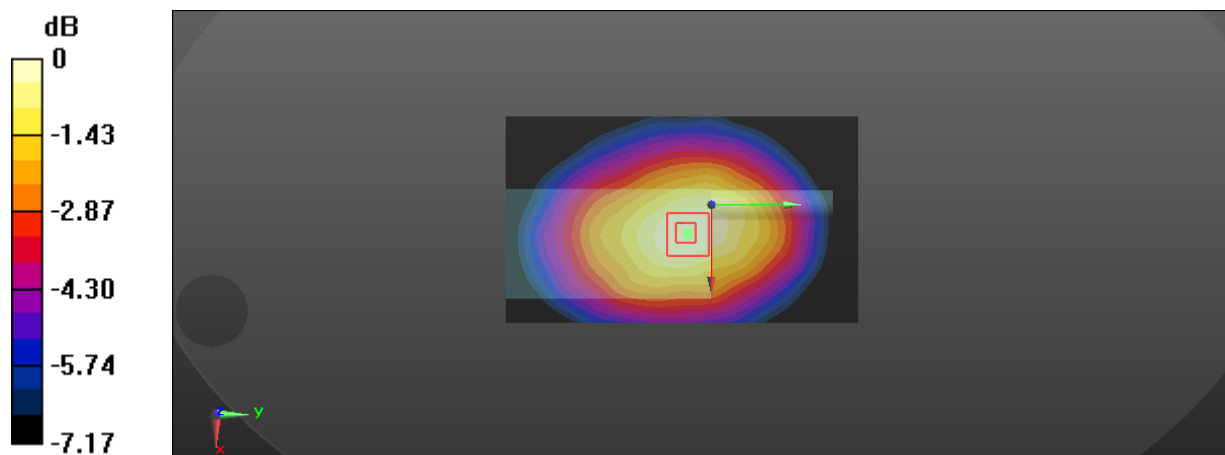
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.42 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.335 W/kg

SAR(1 g) = 0.251 W/kg; SAR(10 g) = 0.193 W/kg

Maximum value of SAR (measured) = 0.268 W/kg



0 dB = 0.268 W/kg = -5.72 dBW/kg

Test Plot 7#: FM_12.5kHz_430.0125MHz_Body Back**DUT: Digital Portable Radio; Type: GD700; Serial: RSZ200413810-SA-S1**

Communication System: FM; Frequency: 430.012 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 430.012$ MHz; $\sigma = 0.858$ S/m; $\epsilon_r = 44.224$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 430.012 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 (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 4.52 W/kg

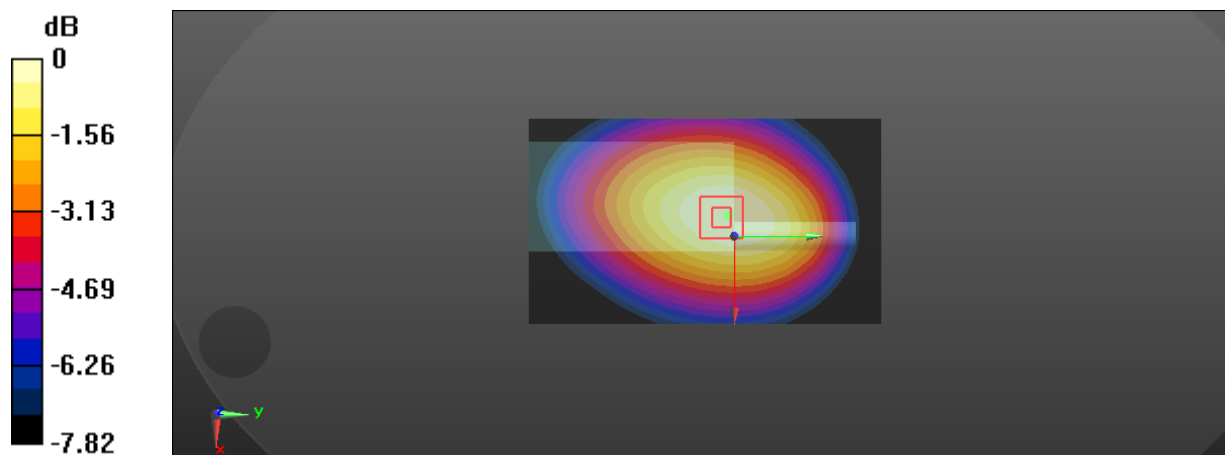
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 74.08 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 5.43 W/kg

SAR(1 g) = 4.15 W/kg; SAR(10 g) = 3.11 W/kg

Maximum value of SAR (measured) = 4.34 W/kg



0 dB = 4.34 W/kg = 6.37 dBW/kg

Test Plot 8#: FM_12.5kHz_440.0125MHz_Body Back**DUT: Digital Portable Radio; Type: GD700; Serial: RSZ200413810-SA-S1**

Communication System: FM; Frequency: 440.012 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 440.012$ MHz; $\sigma = 0.864$ S/m; $\epsilon_r = 43.908$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 440.012 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 (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 4.19 W/kg

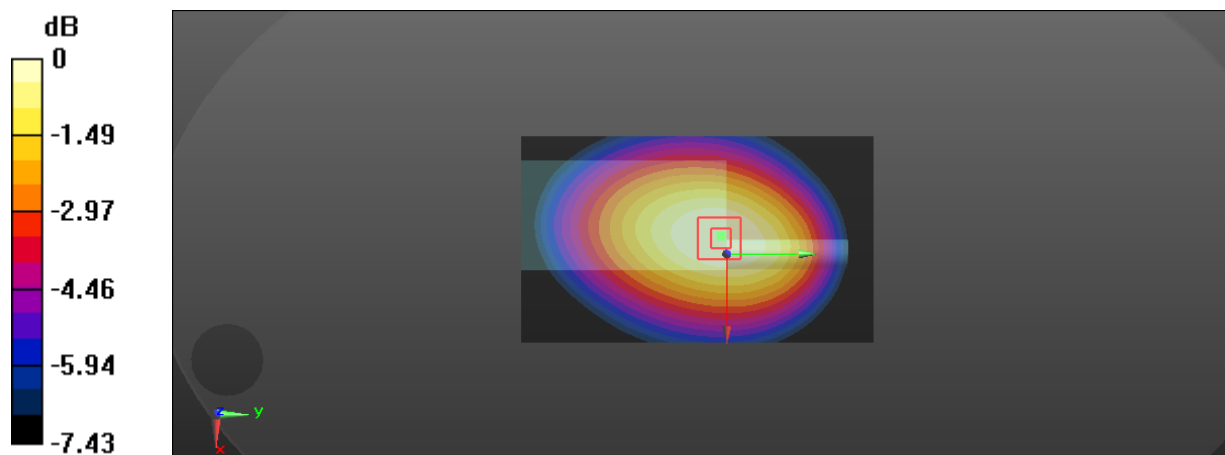
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 72.88 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 4.95 W/kg

SAR(1 g) = 3.82 W/kg; SAR(10 g) = 2.89 W/kg

Maximum value of SAR (measured) = 4.02 W/kg



0 dB = 4.02 W/kg = 6.04 dBW/kg

Test Plot 9#: FM_12.5kHz_450.0125MHz_Body Back**DUT: Digital Portable Radio; Type: GD700; Serial: RSZ200413810-SA-S1**

Communication System: FM; Frequency: 450.012 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 450.012$ MHz; $\sigma = 0.879$ S/m; $\epsilon_r = 43.688$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 450.012 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 (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

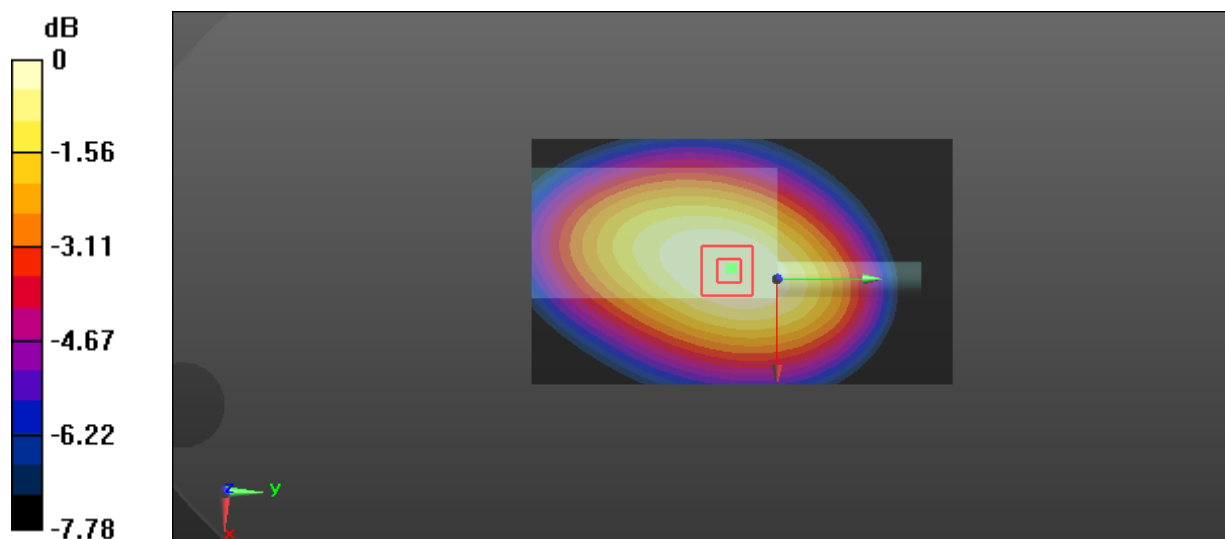
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 66.78 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 4.94 W/kg

SAR(1 g) = 3.78 W/kg; SAR(10 g) = 2.83 W/kg

Maximum value of SAR (measured) = 3.98 W/kg



0 dB = 3.98 W/kg = 6.00 dBW/kg

Test Plot 10#: FM_12.5kHz_459.9875MHz_Body Back**DUT: Digital Portable Radio; Type: GD700; Serial: RSZ200413810-SA-S1**

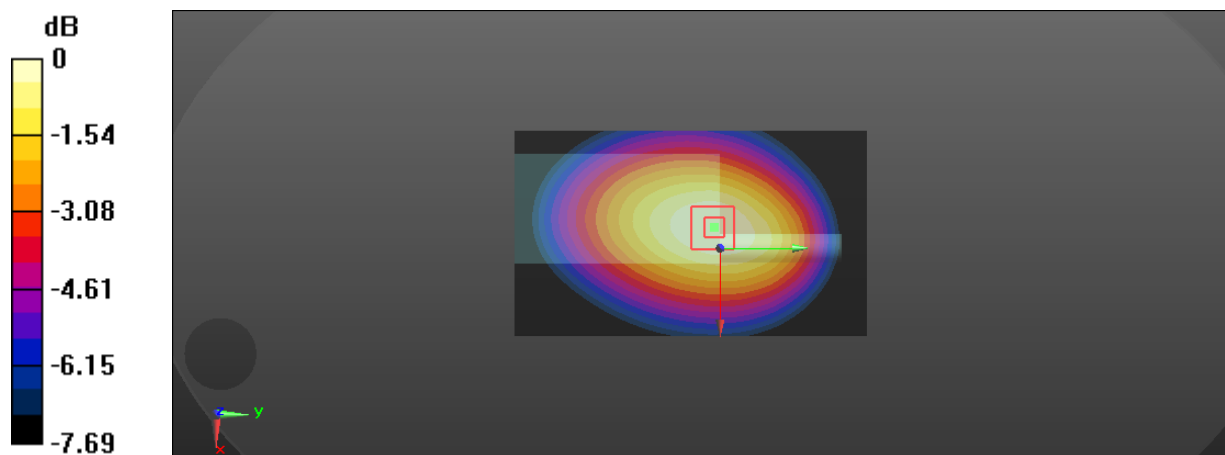
Communication System: FM; Frequency: 459.988 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 459.988 \text{ MHz}$; $\sigma = 0.898 \text{ S/m}$; $\epsilon_r = 43.507$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 459.988 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 (71x121x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 3.49 W/kg **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 60.29 V/m ; Power Drift = -0.15 dB Peak SAR (extrapolated) = 4.26 W/kg **SAR(1 g) = 3.25 W/kg ; SAR(10 g) = 2.43 W/kg** Maximum value of SAR (measured) = 3.43 W/kg 0 dB = 3.43 W/kg = 5.35 dBW/kg

Test Plot 11#: FM_12.5kHz_469.9875MHz_Body Back**DUT: Digital Portable Radio; Type: GD700; Serial: RSZ200413810-SA-S1**

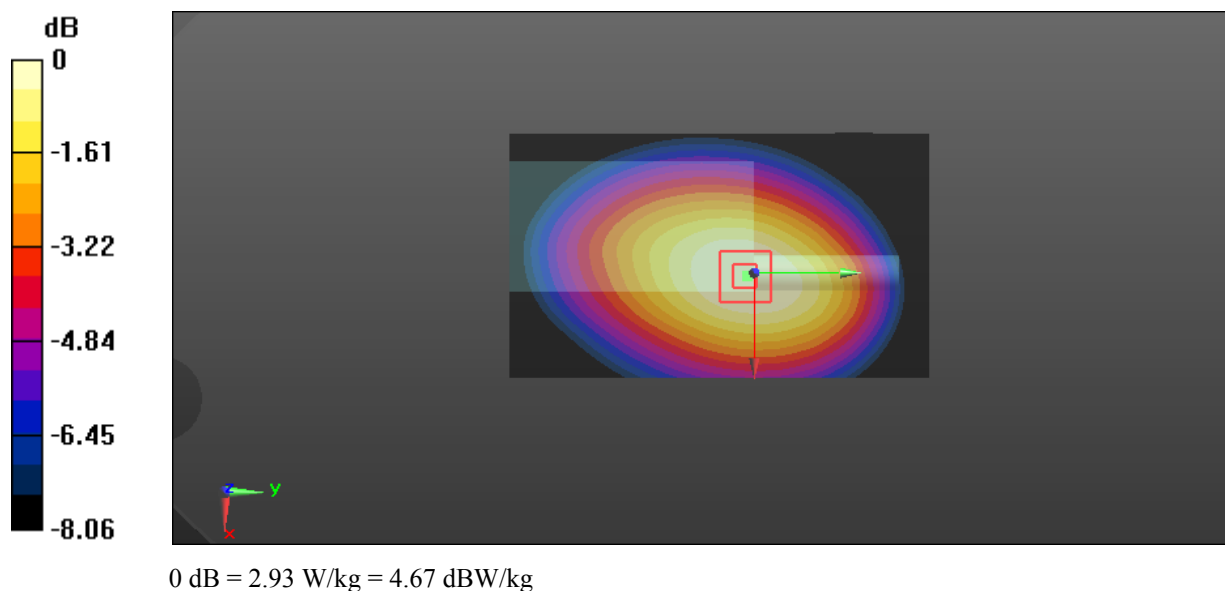
Communication System: FM; Frequency: 469.988 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 469.988 \text{ MHz}$; $\sigma = 0.899 \text{ S/m}$; $\epsilon_r = 43.332$; $\rho = 1000 \text{ kg/m}^3$

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: 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 (71x121x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 3.10 W/kg **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 60.00 V/m ; Power Drift = -0.13 dB Peak SAR (extrapolated) = 3.73 W/kg **SAR(1 g) = 2.78 W/kg ; SAR(10 g) = 2.04 W/kg** Maximum value of SAR (measured) = 2.93 W/kg 

Test Plot 12#: 4FSK_430.0125MHz_Body Back**DUT: Digital Portable Radio; Type: GD700; Serial: RSZ200413810-SA-S1**

Communication System: 4FSK; Frequency: 430.012 MHz; Duty Cycle: 1:2

Medium parameters used: $f = 430.012$ MHz; $\sigma = 0.858$ S/m; $\epsilon_r = 44.224$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 430.012 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 (71x121x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.277 W/kg

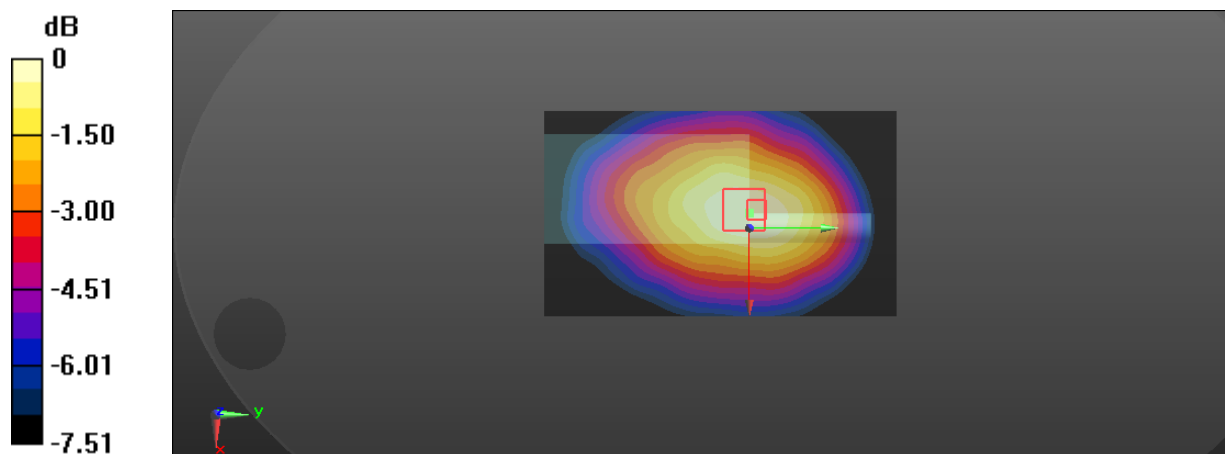
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 17.04 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.355 W/kg

SAR(1 g) = 0.263 W/kg; SAR(10 g) = 0.199 W/kg

Maximum value of SAR (measured) = 0.275 W/kg



0 dB = 0.275 W/kg = -5.61 dBW/kg