

Plot 1#: 467.5125MHz_FM 12.5kHz_ Face Up_Antenna 1

DUT: TP3350 Two Way Radio; Type: T03-00313-HCAA; Serial: CR21120026-SA-S1

Communication System: FM; Frequency: 467.512 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 467.512$ MHz; $\sigma = 0.872$ S/m; $\epsilon_r = 43.338$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 467.512 MHz; Calibrated: 2021/12/13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2021/9/1
- Phantom: ELI v8.0; Type: QDOVA002AA; Serial: TP:2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 5.59 W/kg

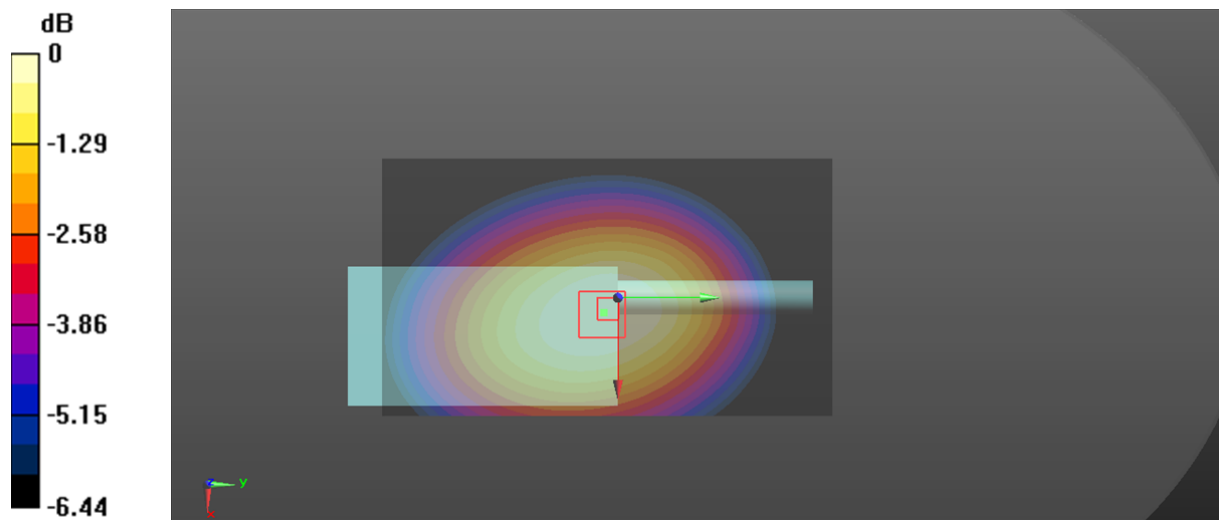
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 83.43 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 7.06 W/kg

SAR(1 g) = 5.2 W/kg; SAR(10 g) = 4.03 W/kg

Maximum value of SAR (measured) = 5.40 W/kg



0 dB = 5.40 W/kg = 7.32 dBW/kg

Plot 2#: 467.5125MHz_FM 25kHz_Face Up_Antenna 1**DUT: TP3350 Two Way Radio; Type: T03-00313-HCAA; Serial: CR21120026-SA-S1**

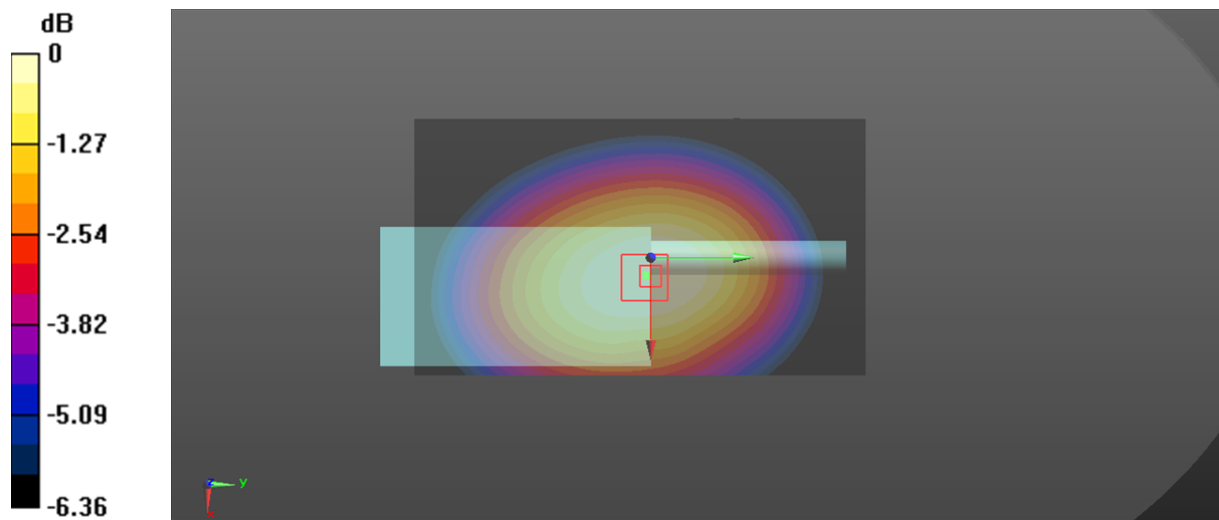
Communication System: FM; Frequency: 467.512 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 467.512 \text{ MHz}$; $\sigma = 0.872 \text{ S/m}$; $\epsilon_r = 43.338$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 467.512 MHz; Calibrated: 2021/12/13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2021/9/1
- Phantom: ELI v8.0; Type: QDOVA002AA; Serial: TP:2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (81x141x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 5.47 W/kg **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 82.36 V/m ; Power Drift = -0.07 dB Peak SAR (extrapolated) = 6.90 W/kg **SAR(1 g) = 5.09 W/kg ; SAR(10 g) = 3.96 W/kg** Maximum value of SAR (measured) = 5.27 W/kg 0 dB = 5.27 W/kg = 7.22 dBW/kg

Plot 3#: 467.5125MHz_4FSK_Face Up_Antenna 1**DUT: TP3350 Two Way Radio; Type: T03-00313-HCAA; Serial: CR21120026-SA-S1**

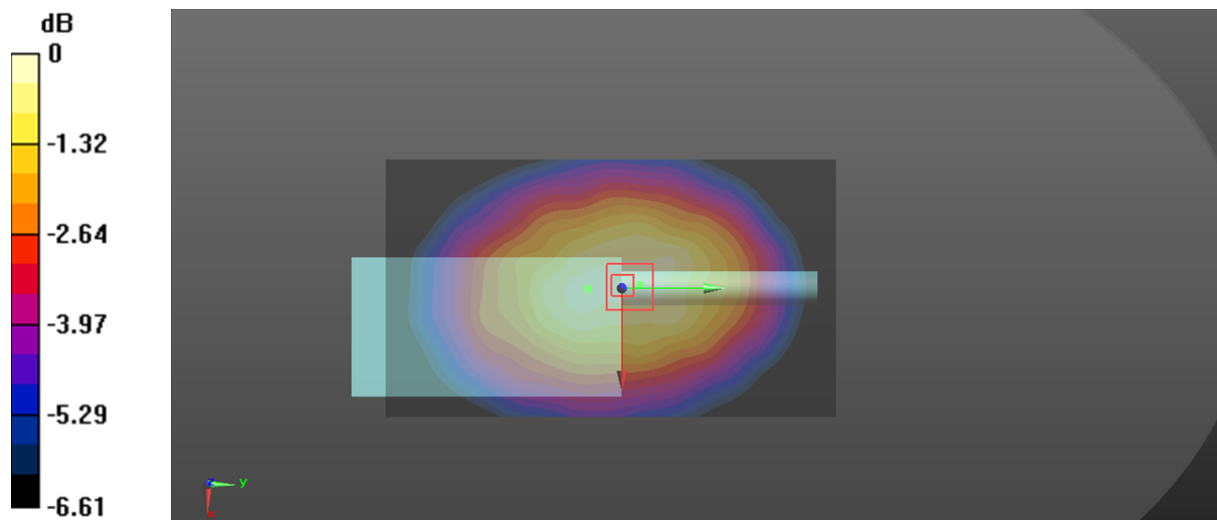
Communication System: 4FSK; Frequency: 467.512 MHz; Duty Cycle: 1:2

Medium parameters used: $f = 467.512 \text{ MHz}$; $\sigma = 0.872 \text{ S/m}$; $\epsilon_r = 43.338$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 467.512 MHz; Calibrated: 2021/12/13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2021/9/1
- Phantom: ELI v8.0; Type: QDOVA002AA; Serial: TP:2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (81x141x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 2.73 W/kg **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 58.90 V/m ; Power Drift = -0.09 dB Peak SAR (extrapolated) = 3.60 W/kg **SAR(1 g) = 2.61 W/kg ; SAR(10 g) = 2.03 W/kg** Maximum value of SAR (measured) = 2.79 W/kg 0 dB = $2.79 \text{ W/kg} = 4.46 \text{ dBW/kg}$

Plot 4#: 450.0125MHz_FM 12.5kHz_ Body Back_Antenna 1**DUT: TP3350 Two Way Radio; Type: T03-00313-HCAA; Serial: CR21120026-SA-S1**

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

Medium parameters used: $f = 450.012$ MHz; $\sigma = 0.865$ S/m; $\epsilon_r = 43.546$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 450.012 MHz; Calibrated: 2021/12/13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2021/9/1
- Phantom: ELI v8.0; Type: QDOVA002AA; Serial: TP:2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 8.84 W/kg

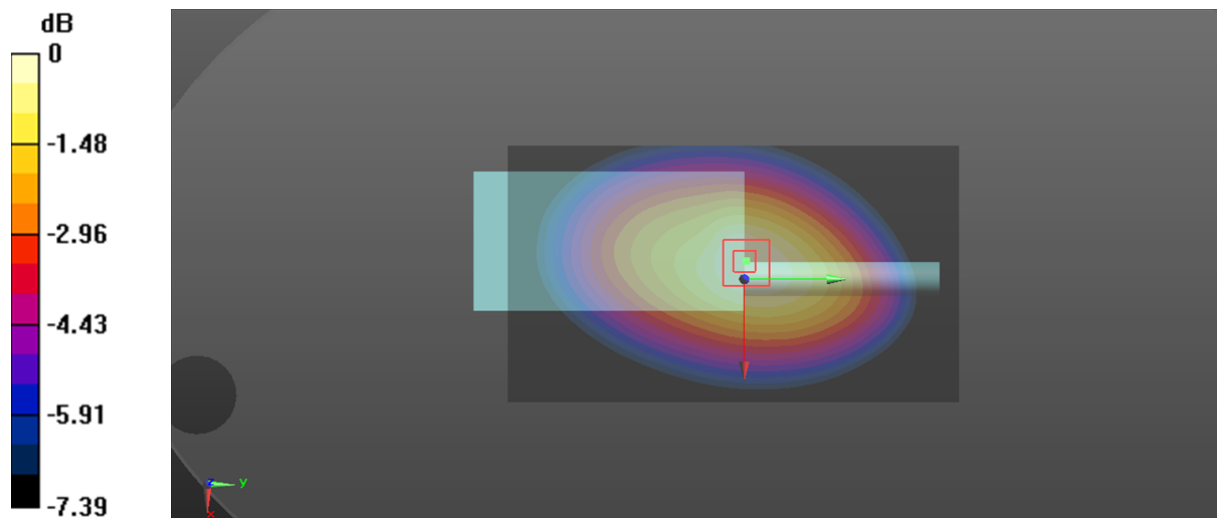
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 104.4 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 12.0 W/kg

SAR(1 g) = 8.32 W/kg; SAR(10 g) = 6.12 W/kg

Maximum value of SAR (measured) = 8.69 W/kg



0 dB = 8.69 W/kg = 9.39 dBW/kg

Plot 5#: 467.5125MHz_FM 12.5kHz_ Body Back_Antenna 1

DUT: TP3350 Two Way Radio; Type: T03-00313-HCAA; Serial: CR21120026-SA-S1

Communication System: FM; Frequency: 467.512 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 467.512$ MHz; $\sigma = 0.872$ S/m; $\epsilon_r = 43.338$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 467.512 MHz; Calibrated: 2021/12/13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2021/9/1
- Phantom: ELI v8.0; Type: QDOVA002AA; Serial: TP:2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 10.7 W/kg

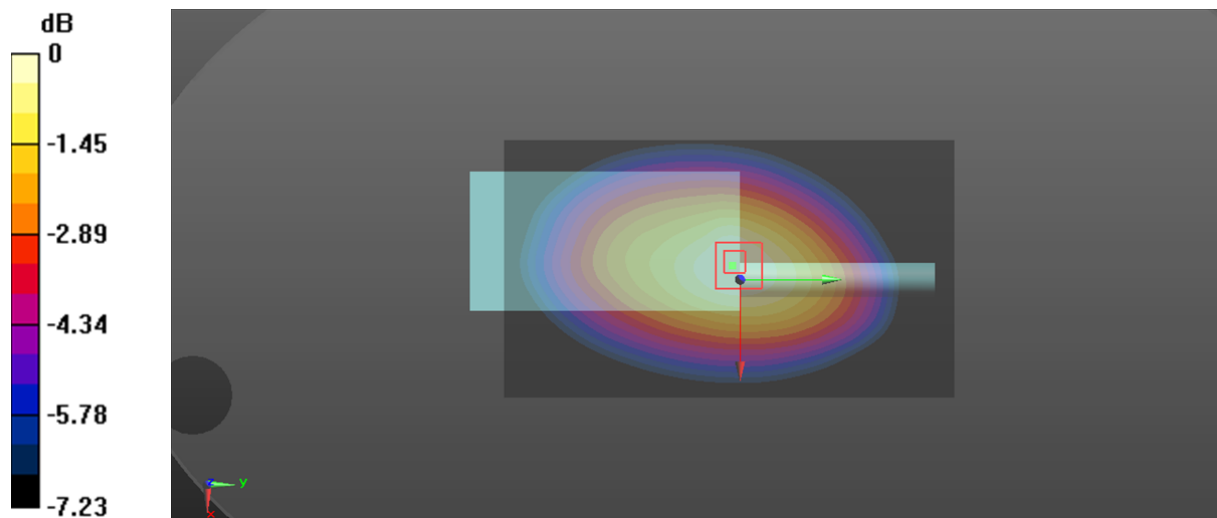
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 115.1 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 14.7 W/kg

SAR(1 g) = 9.97 W/kg; SAR(10 g) = 7.29 W/kg

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



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

Plot 6#: 485MHz_FM 12.5kHz_ Body Back_Antenna 1**DUT: TP3350 Two Way Radio; Type: T03-00313-HCAA; Serial: CR21120026-SA-S1**

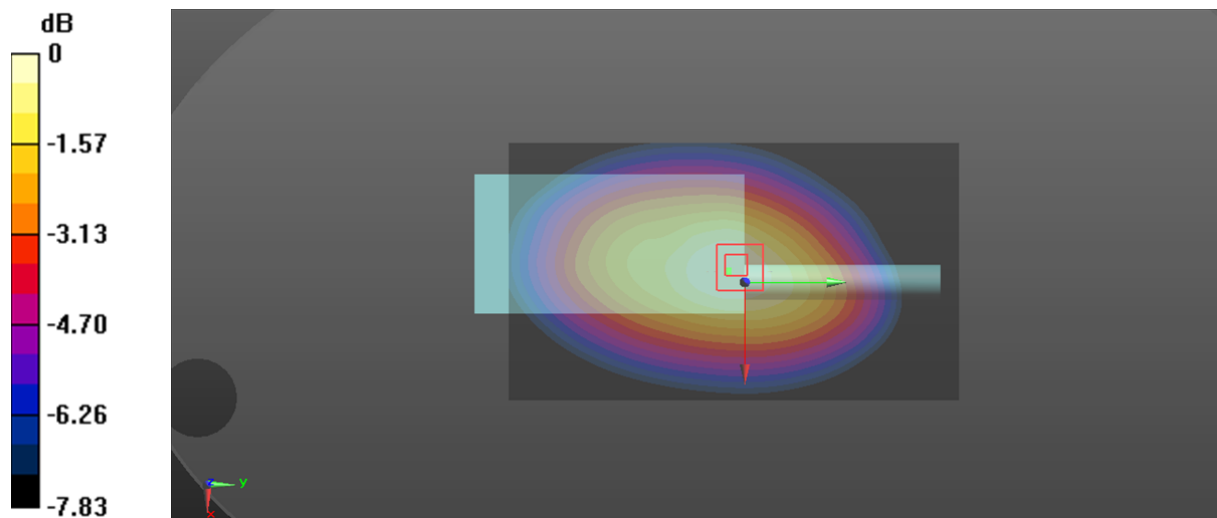
Communication System: FM; Frequency: 485 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 485 \text{ MHz}$; $\sigma = 0.879 \text{ S/m}$; $\epsilon_r = 43.239$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 485 MHz; Calibrated: 2021/12/13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2021/9/1
- Phantom: ELI v8.0; Type: QDOVA002AA; Serial: TP:2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (81x141x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 8.90 W/kg **Zoom Scan (6x6x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 102.9 V/m ; Power Drift = -0.17 dB Peak SAR (extrapolated) = 12.7 W/kg **SAR(1 g) = 8.47 W/kg ; SAR(10 g) = 6.13 W/kg** Maximum value of SAR (measured) = 8.71 W/kg 0 dB = 8.71 W/kg = 9.40 dBW/kg

Plot 7#: 502.4875MHz_FM 12.5kHz_ Body Back_Antenna 1**DUT: TP3350 Two Way Radio; Type: T03-00313-HCAA; Serial: CR21120026-SA-S1**

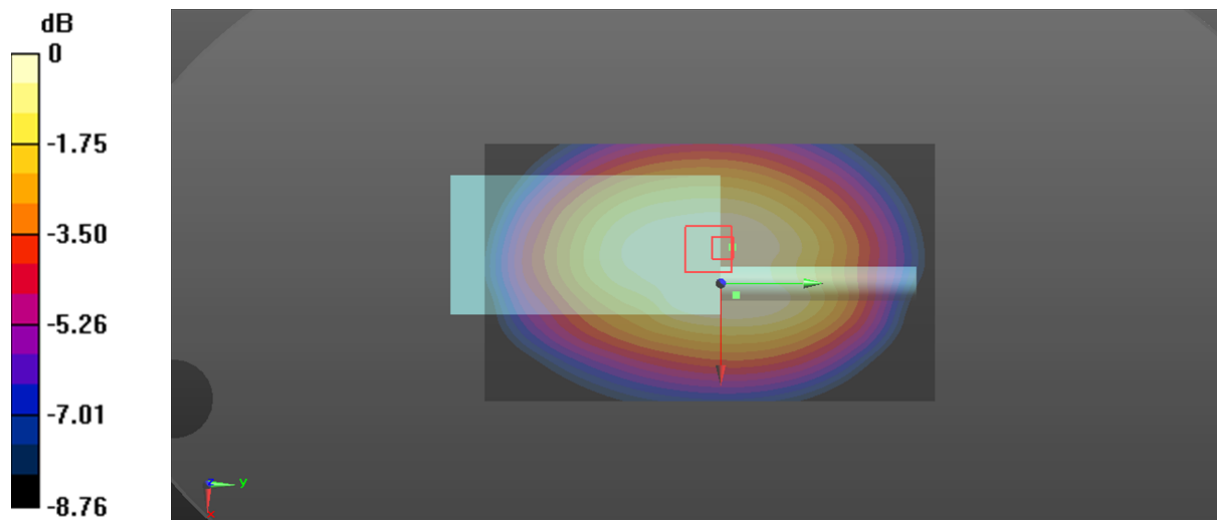
Communication System: FM; Frequency: 502.488 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 502.488 \text{ MHz}$; $\sigma = 0.886 \text{ S/m}$; $\epsilon_r = 43.221$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 502.488 MHz; Calibrated: 2021/12/13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2021/9/1
- Phantom: ELI v8.0; Type: QDOVA002AA; Serial: TP:2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (81x141x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 7.27 W/kg **Zoom Scan (8x7x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 100.9 V/m ; Power Drift = -0.12 dB Peak SAR (extrapolated) = 9.35 W/kg **SAR(1 g) = 6.63 W/kg ; SAR(10 g) = 5.02 W/kg** Maximum value of SAR (measured) = 6.88 W/kg 0 dB = 6.88 W/kg = 8.38 dBW/kg

Plot 8#: 519.9875MHz_FM 12.5kHz_ Body Back_Antenna 1

DUT: TP3350 Two Way Radio; Type: T03-00313-HCAA; Serial: CR21120026-SA-S1

Communication System: FM; Frequency: 519.988 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 519.988 \text{ MHz}$; $\sigma = 0.891 \text{ S/m}$; $\epsilon_r = 43.084$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 519.988 MHz; Calibrated: 2021/12/13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2021/9/1
- Phantom: ELI v8.0; Type: QDOVA002AA; Serial: TP:2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (81x141x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 8.89 W/kg

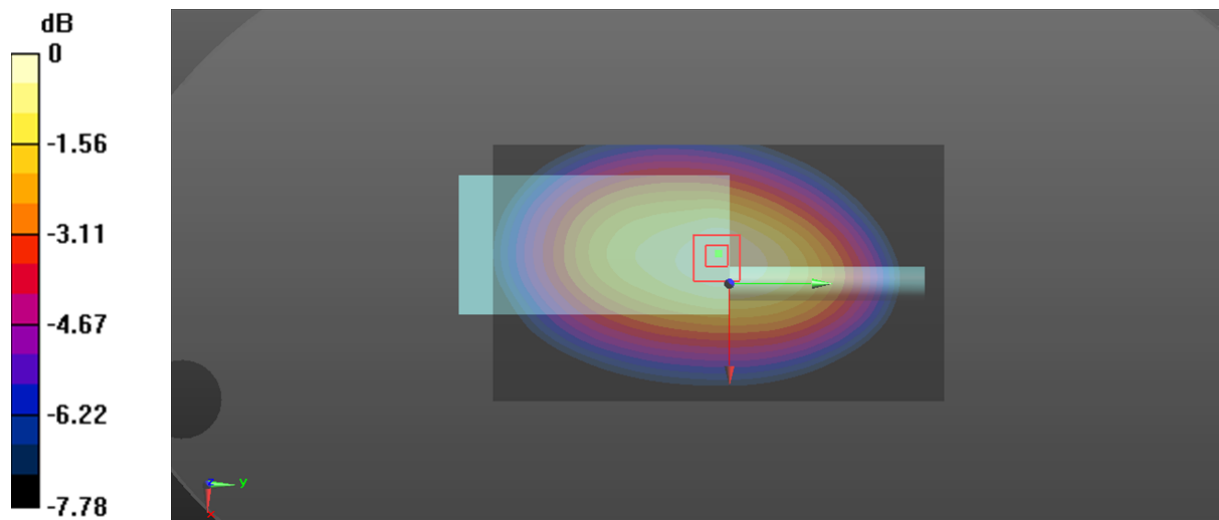
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 102.0 V/m ; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 12.4 W/kg

SAR(1 g) = 8.24 W/kg ; SAR(10 g) = 5.92 W/kg

Maximum value of SAR (measured) = 8.64 W/kg



0 dB = 8.64 W/kg = 9.37 dBW/kg

Plot 9#: 450.0125MHz_FM 25kHz_ Body Back_Antenna 1

DUT: TP3350 Two Way Radio; Type: T03-00313-HCAA; Serial: CR21120026-SA-S1

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

Medium parameters used: $f = 450.012$ MHz; $\sigma = 0.865$ S/m; $\epsilon_r = 43.546$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 450.012 MHz; Calibrated: 2021/12/13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2021/9/1
- Phantom: ELI v8.0; Type: QDOVA002AA; Serial: TP:2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 9.30 W/kg

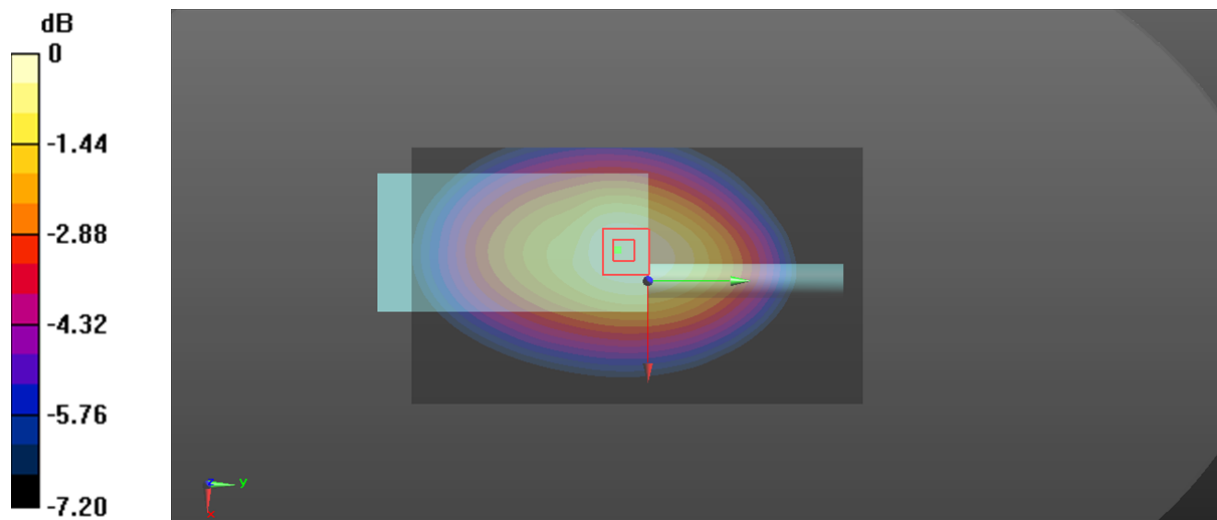
oom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 103.7 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 12.3 W/kg

SAR(1 g) = 8.61 W/kg; SAR(10 g) = 6.38 W/kg

Maximum value of SAR (measured) = 8.99 W/kg



0 dB = 8.99 W/kg = 9.54 dBW/kg

Plot 10#: 467.5125MHz_FM 25kHz_Body Back_Antenna 1**DUT: TP3350 Two Way Radio; Type: T03-00313-HCAA; Serial: CR21120026-SA-S1**

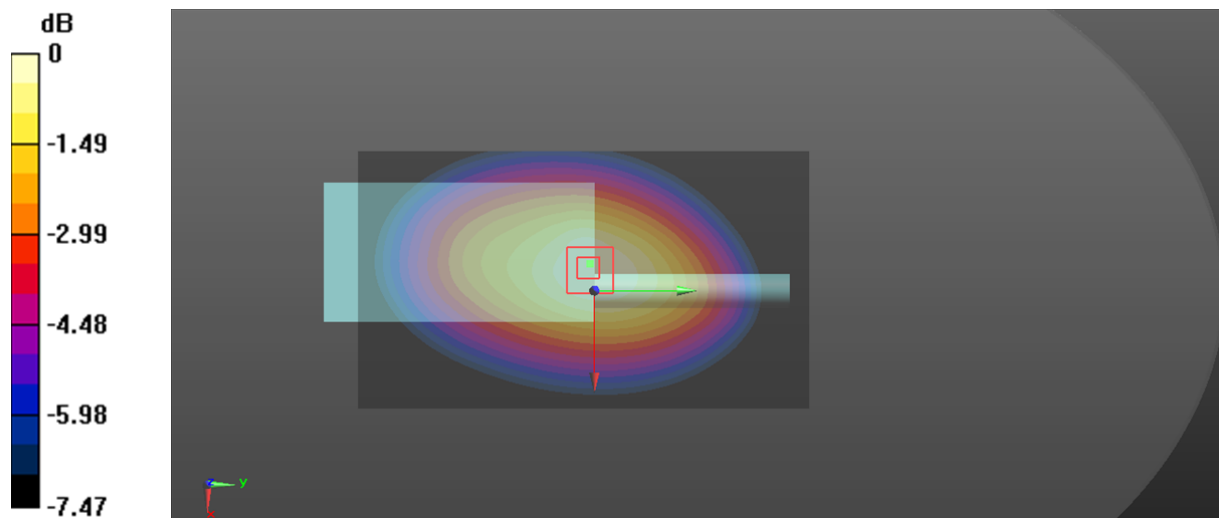
Communication System: FM; Frequency: 467.512 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 467.512 \text{ MHz}$; $\sigma = 0.872 \text{ S/m}$; $\epsilon_r = 43.338$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 467.512 MHz; Calibrated: 2021/12/13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2021/9/1
- Phantom: ELI v8.0; Type: QDOVA002AA; Serial: TP:2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (81x141x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 10.8 W/kg **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 112.3 V/m ; Power Drift = -0.12 dB Peak SAR (extrapolated) = 14.6 W/kg **SAR(1 g) = 10.1 W/kg ; SAR(10 g) = 7.39 W/kg** Maximum value of SAR (measured) = 10.5 W/kg 0 dB = 10.5 W/kg = 10.21 dBW/kg

Plot 11#: 485MHz_FM 25kHz_ Body Back_Antenna 1**DUT: TP3350 Two Way Radio; Type: T03-00313-HCAA; Serial: CR21120026-SA-S1**

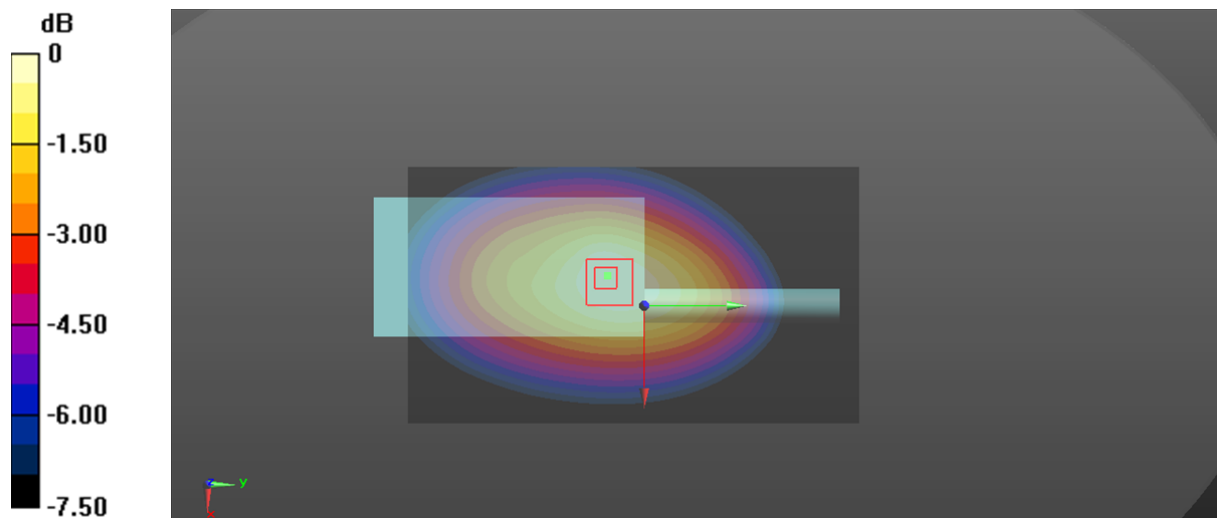
Communication System: FM; Frequency: 485 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 485 \text{ MHz}$; $\sigma = 0.879 \text{ S/m}$; $\epsilon_r = 43.239$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 485 MHz; Calibrated: 2021/12/13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2021/9/1
- Phantom: ELI v8.0; Type: QDOVA002AA; Serial: TP:2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (81x141x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 9.14 W/kg **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 98.31 V/m ; Power Drift = 0.18 dB Peak SAR (extrapolated) = 12.4 W/kg **SAR(1 g) = 8.51 W/kg ; SAR(10 g) = 6.22 W/kg** Maximum value of SAR (measured) = 8.89 W/kg 0 dB = $8.89 \text{ W/kg} = 9.49 \text{ dBW/kg}$

Plot 12#: 502.4875MHz_FM 25kHz_Body Back_Antenna 1

DUT: TP3350 Two Way Radio; Type: T03-00313-HCAA; Serial: CR21120026-SA-S1

Communication System: FM; Frequency: 502.488 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 502.488$ MHz; $\sigma = 0.886$ S/m; $\epsilon_r = 43.221$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 502.488 MHz; Calibrated: 2021/12/13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2021/9/1
- Phantom: ELI v8.0; Type: QDOVA002AA; Serial: TP:2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 8.96 W/kg

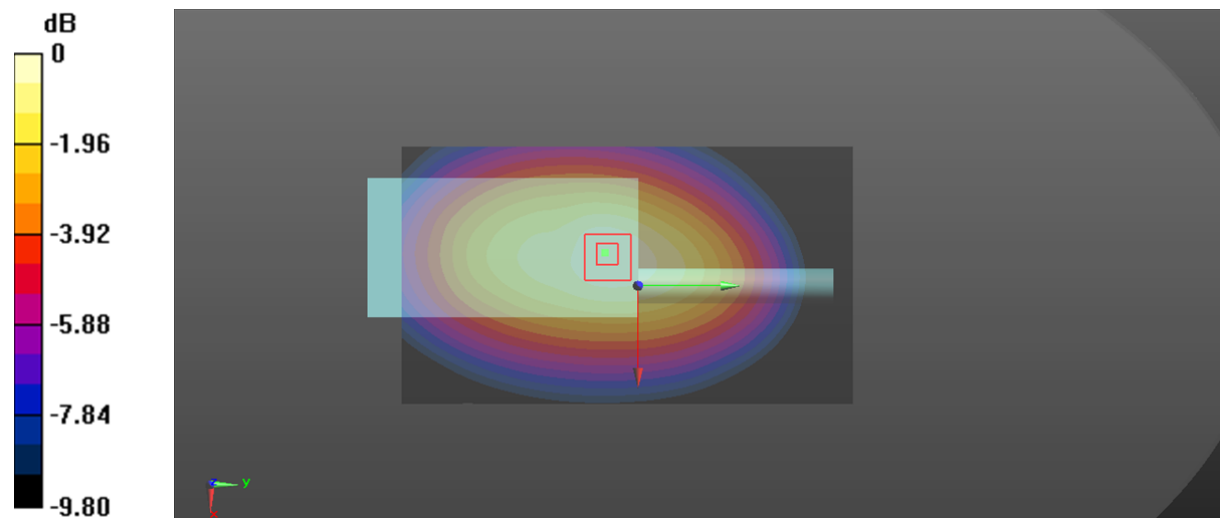
Zoom Scan (8x7x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 97.44 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 12.5 W/kg

SAR(1 g) = 8.45 W/kg; SAR(10 g) = 6.14 W/kg

Maximum value of SAR (measured) = 8.91 W/kg



0 dB = 8.91 W/kg = 9.50 dBW/kg

Plot 13#: 519.9875MHz_FM 25kHz_Body Back_Antenna 1**DUT: TP3350 Two Way Radio; Type: T03-00313-HCAA; Serial: CR21120026-SA-S1**

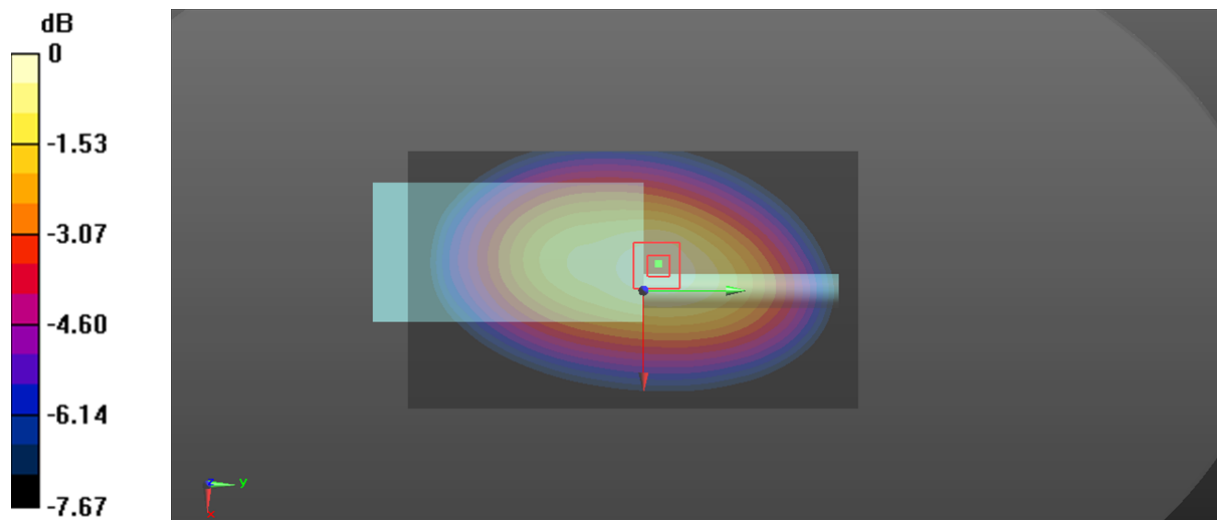
Communication System: FM; Frequency: 519.988 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 519.988 \text{ MHz}$; $\sigma = 0.891 \text{ S/m}$; $\epsilon_r = 43.084$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 519.988 MHz; Calibrated: 2021/12/13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2021/9/1
- Phantom: ELI v8.0; Type: QDOVA002AA; Serial: TP:2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (81x141x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 7.40 W/kg **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 91.80 V/m ; Power Drift = -0.19 dB Peak SAR (extrapolated) = 10.7 W/kg **SAR(1 g) = 7.13 W/kg ; SAR(10 g) = 5.14 W/kg** Maximum value of SAR (measured) = 7.48 W/kg 0 dB = 7.48 W/kg = 8.74 dBW/kg

Plot 14#: 467.5125MHz_4FSK_Body Back_Antenna 1**DUT: TP3350 Two Way Radio; Type: T03-00313-HCAA; Serial: CR21120026-SA-S1**

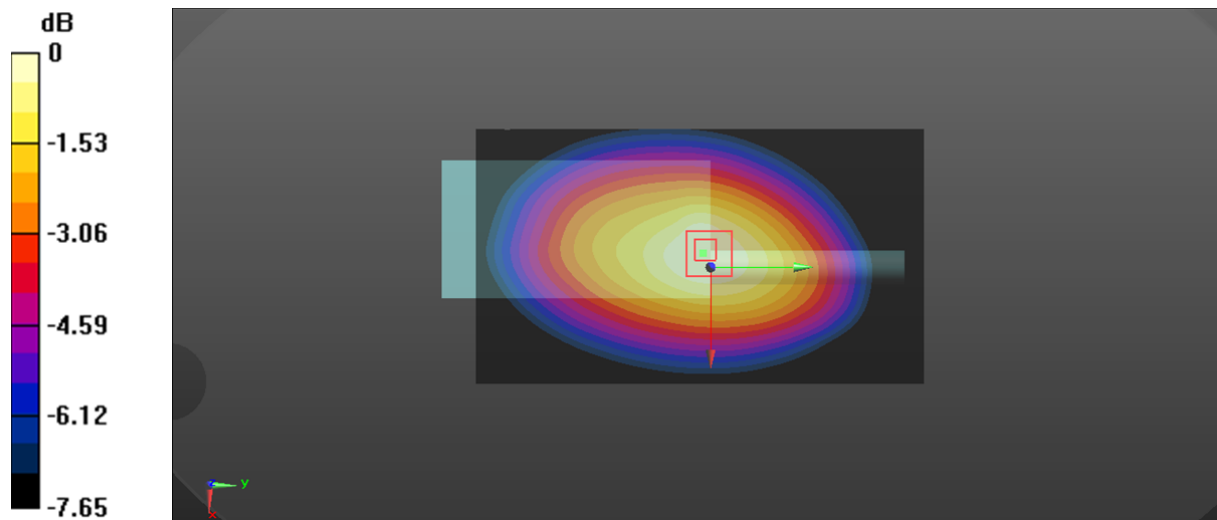
Communication System: 4FSK ; Frequency: 467.512 MHz; Duty Cycle: 1:2

Medium parameters used: $f = 467.512 \text{ MHz}$; $\sigma = 0.872 \text{ S/m}$; $\epsilon_r = 43.338$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 467.512 MHz; Calibrated: 2021/12/13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2021/9/1
- Phantom: ELI v8.0; Type: QDOVA002AA; Serial: TP:2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (81x141x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 4.30 W/kg **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 75.58 V/m ; Power Drift = -0.19 dB Peak SAR (extrapolated) = 6.13 W/kg **SAR(1 g) = 4.29 W/kg ; SAR(10 g) = 3.2 W/kg** Maximum value of SAR (measured) = 4.66 W/kg 0 dB = 4.66 W/kg = 6.68 dBW/kg

Plot 15#: 485MHz_FM 12.5kHz_Face Up_Antenna 2**DUT: TP3350 Two Way Radio; Type: T03-00313-HCAA; Serial: CR21120026-SA-S1**

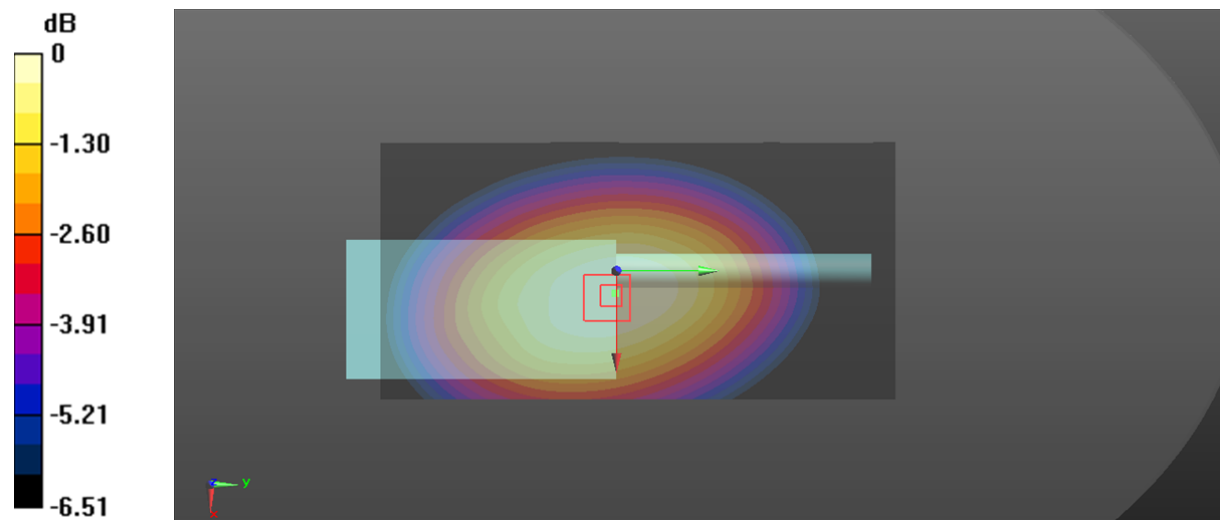
Communication System: FM; Frequency: 485 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 485 \text{ MHz}$; $\sigma = 0.879 \text{ S/m}$; $\epsilon_r = 43.239$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 485 MHz; Calibrated: 2021/12/13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2021/9/1
- Phantom: ELI v8.0; Type: QDOVA002AA; Serial: TP:2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (81x161x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 6.66 W/kg **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 90.56 V/m ; Power Drift = -0.14 dB Peak SAR (extrapolated) = 8.56 W/kg **SAR(1 g) = 6.25 W/kg ; SAR(10 g) = 4.81 W/kg** Maximum value of SAR (measured) = 6.50 W/kg 0 dB = 6.50 W/kg = 8.13 dBW/kg

Plot 16#: 485MHz_FM 25kHz_Face Up_Antenna 2**DUT: TP3350 Two Way Radio; Type: T03-00313-HCAA; Serial: CR21120026-SA-S1**

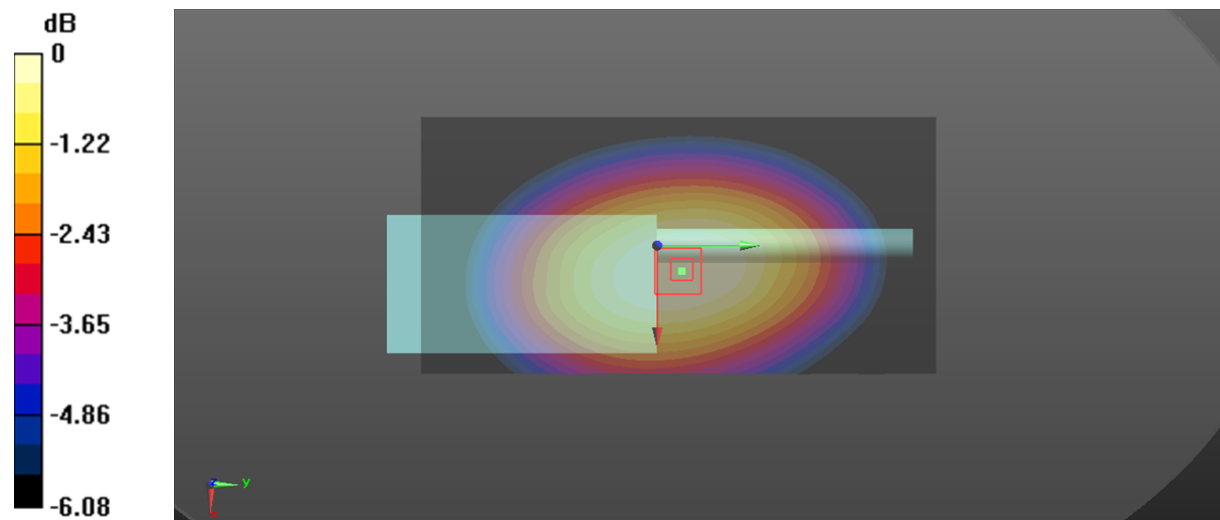
Communication System: FM; Frequency: 485 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 485 \text{ MHz}$; $\sigma = 0.879 \text{ S/m}$; $\epsilon_r = 43.239$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 485 MHz; Calibrated: 2021/12/13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2021/9/1
- Phantom: ELI v8.0; Type: QDOVA002AA; Serial: TP:2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (81x161x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 6.52 W/kg **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 87.54 V/m ; Power Drift = -0.02 dB Peak SAR (extrapolated) = 7.62 W/kg **SAR(1 g) = 6.08 W/kg ; SAR(10 g) = 4.81 W/kg** Maximum value of SAR (measured) = 6.33 W/kg 0 dB = 6.33 W/kg = 8.01 dBW/kg

Plot 17#: 485MHz_4FSK_Face Up_Antenna 2**DUT: TP3350 Two Way Radio; Type: T03-00313-HCAA; Serial: CR21120026-SA-S1**

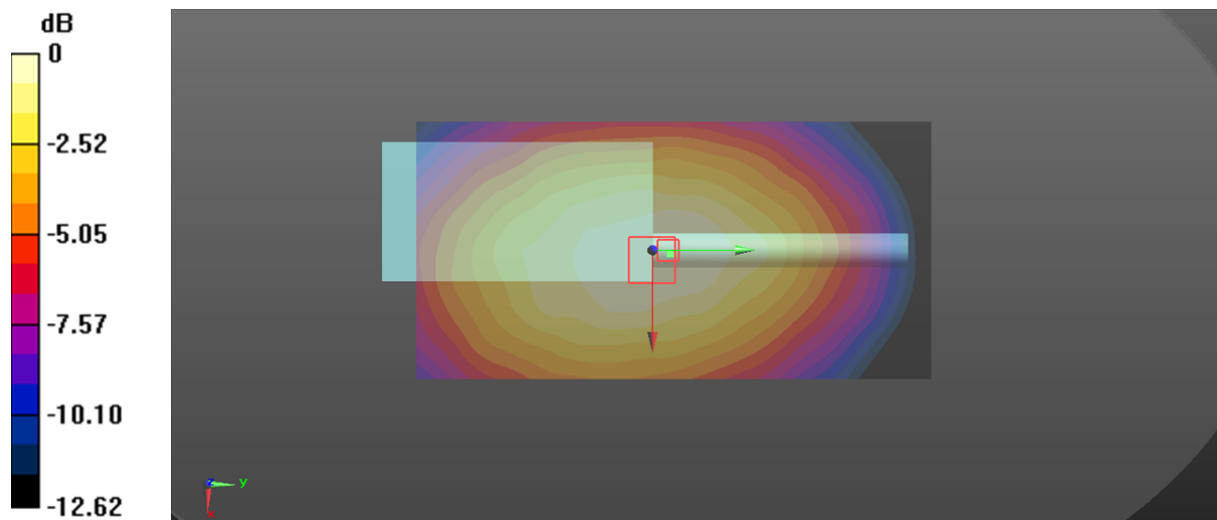
Communication System: FM; Frequency: 485 MHz; Duty Cycle: 1:2

Medium parameters used: $f = 485 \text{ MHz}$; $\sigma = 0.879 \text{ S/m}$; $\epsilon_r = 43.239$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 485 MHz; Calibrated: 2021/12/13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2021/9/1
- Phantom: ELI v8.0; Type: QDOVA002AA; Serial: TP:2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (81x161x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 3.58 W/kg **Zoom Scan (6x6x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 67.23 V/m ; Power Drift = -0.03 dB Peak SAR (extrapolated) = 4.21 W/kg **SAR(1 g) = 3.28 W/kg ; SAR(10 g) = 2.61 W/kg** Maximum value of SAR (measured) = 3.50 W/kg 0 dB = 3.50 W/kg = 5.44 dBW/kg

Plot 18#: 450.0125MHz_FM 12.5kHz_ Body Back_Antenna 2

DUT: TP3350 Two Way Radio; Type: T03-00313-HCAA; Serial: CR21120026-SA-S1

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

Medium parameters used: $f = 450.012$ MHz; $\sigma = 0.865$ S/m; $\epsilon_r = 43.546$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 450.012 MHz; Calibrated: 2021/12/13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2021/9/1
- Phantom: ELI v8.0; Type: QDOVA002AA; Serial: TP:2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (81x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 7.26 W/kg

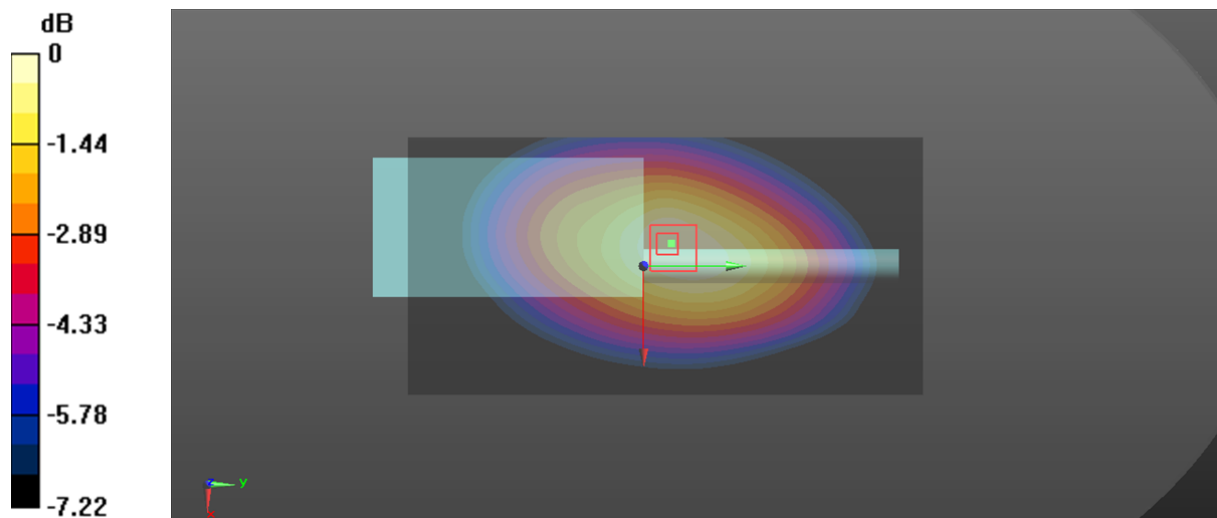
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 90.61 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 9.73 W/kg

SAR(1 g) = 6.7 W/kg; SAR(10 g) = 4.95 W/kg

Maximum value of SAR (measured) = 7.00 W/kg



0 dB = 7.00 W/kg = 8.45 dBW/kg

Plot 19#: 467.5125MHz_FM 12.5kHz_ Body Back_Antenna 2**DUT: TP3350 Two Way Radio; Type: T03-00313-HCAA; Serial: CR21120026-SA-S1**

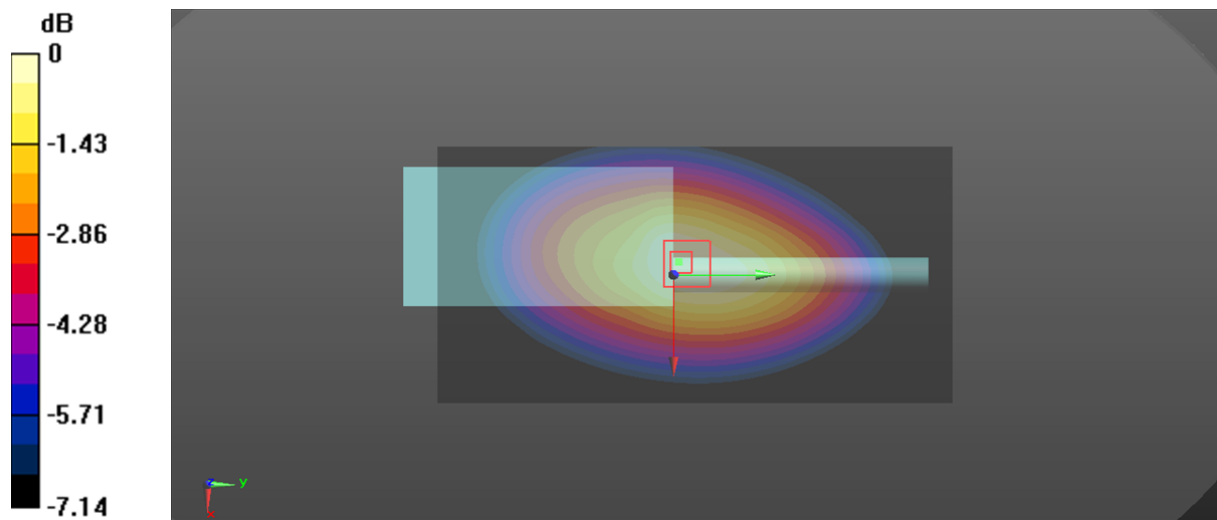
Communication System: FM; Frequency: 467.512 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 467.512 \text{ MHz}$; $\sigma = 0.872 \text{ S/m}$; $\epsilon_r = 43.338$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 467.512 MHz; Calibrated: 2021/12/13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2021/9/1
- Phantom: ELI v8.0; Type: QDOVA002AA; Serial: TP:2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (81x161x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 11.2 W/kg **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 117.9 V/m ; Power Drift = -0.16 dB Peak SAR (extrapolated) = 15.3 W/kg **SAR(1 g) = 10.5 W/kg ; SAR(10 g) = 7.75 W/kg** Maximum value of SAR (measured) = 11.0 W/kg 0 dB = 11.0 W/kg = 10.41 dBW/kg

Plot 20#: 485MHz_FM 12.5kHz_Body Back_Antenna 2**DUT: TP3350 Two Way Radio; Type: T03-00313-HCAA; Serial: CR21120026-SA-S1**

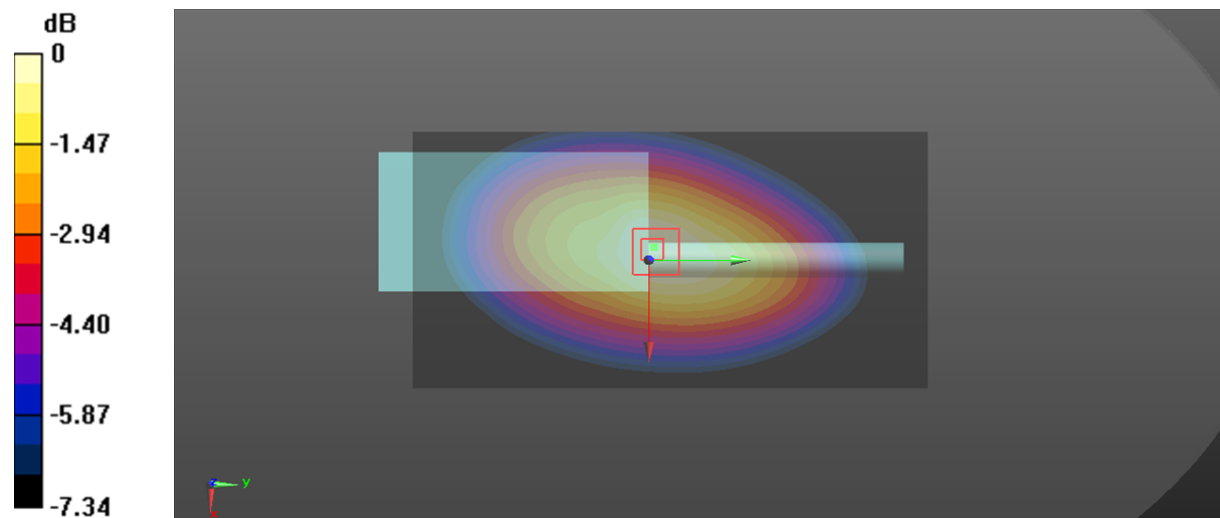
Communication System: FM; Frequency: 485 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 485 \text{ MHz}$; $\sigma = 0.879 \text{ S/m}$; $\epsilon_r = 43.239$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 485 MHz; Calibrated: 2021/12/13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2021/9/1
- Phantom: ELI v8.0; Type: QDOVA002AA; Serial: TP:2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (81x161x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 12.4 W/kg **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 125.3 V/m ; Power Drift = -0.06 dB Peak SAR (extrapolated) = 16.7 W/kg **SAR(1 g) = 11.4 W/kg ; SAR(10 g) = 8.37 W/kg** Maximum value of SAR (measured) = 11.9 W/kg 0 dB = 11.9 W/kg = 10.76 dBW/kg

Plot 21#: 502.4875MHz_FM 12.5kHz_ Body Back_Antenna 2

DUT: TP3350 Two Way Radio; Type: T03-00313-HCAA; Serial: CR21120026-SA-S1

Communication System: FM; Frequency: 502.488 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 502.488$ MHz; $\sigma = 0.886$ S/m; $\epsilon_r = 43.221$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 502.488 MHz; Calibrated: 2021/12/13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2021/9/1
- Phantom: ELI v8.0; Type: QDOVA002AA; Serial: TP:2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (81x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 11.6 W/kg

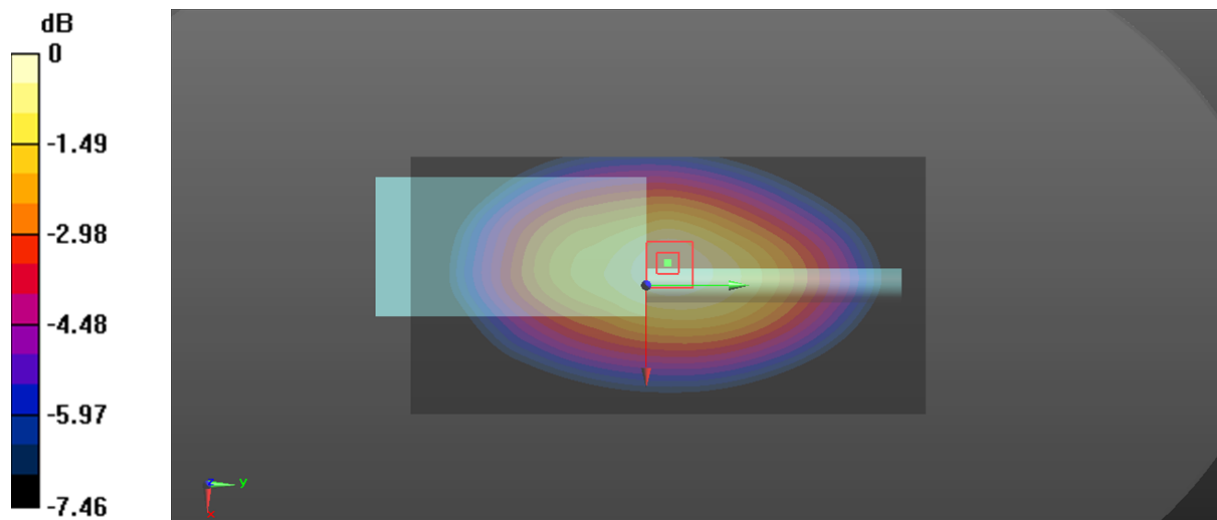
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 118.3 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 16.3 W/kg

SAR(1 g) = 10.8 W/kg; SAR(10 g) = 7.81 W/kg

Maximum value of SAR (measured) = 11.3 W/kg



0 dB = 11.3 W/kg = 10.53 dBW/kg

Plot 22#: 519.9875MHz_FM 12.5kHz_ Body Back_Antenna 2

DUT: TP3350 Two Way Radio; Type: T03-00313-HCAA; Serial: CR21120026-SA-S1

Communication System: FM; Frequency: 519.988 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 519.988 \text{ MHz}$; $\sigma = 0.891 \text{ S/m}$; $\epsilon_r = 43.084$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 519.988 MHz; Calibrated: 2021/12/13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2021/9/1
- Phantom: ELI v8.0; Type: QDOVA002AA; Serial: TP:2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (81x161x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 10.7 W/kg

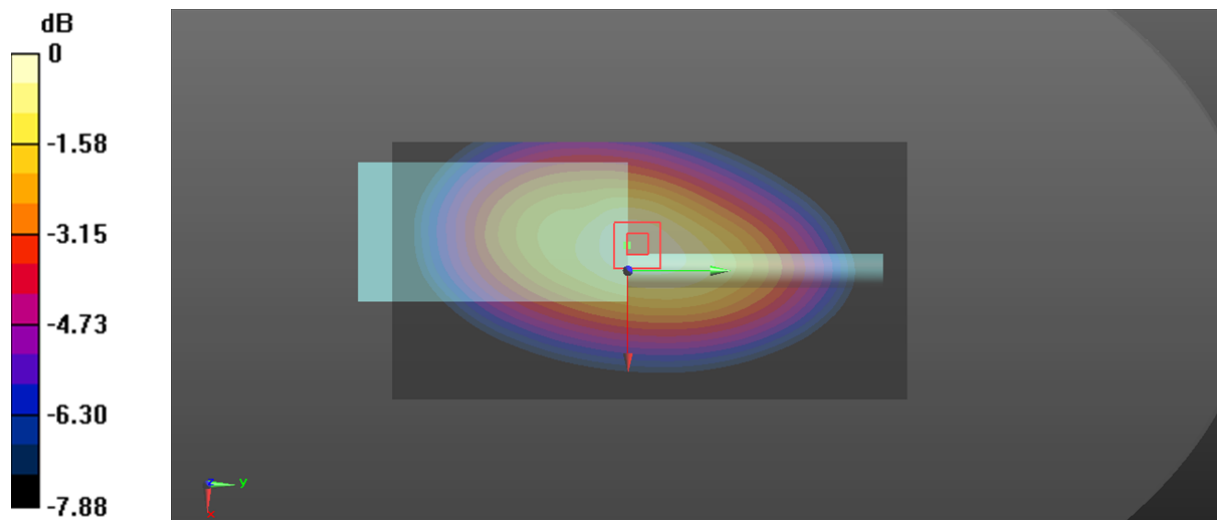
Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 111.3 V/m ; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 15.2 W/kg

SAR(1 g) = 10.2 W/kg ; SAR(10 g) = 7.34 W/kg

Maximum value of SAR (measured) = 10.6 W/kg



0 dB = 10.6 W/kg = 10.25 dBW/kg

Plot 23#: 450.0125MHz_FM 25kHz_Body Back_Antenna 2**DUT: TP3350 Two Way Radio; Type: T03-00313-HCAA; Serial: CR21120026-SA-S1**

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

Medium parameters used: $f = 450.012$ MHz; $\sigma = 0.865$ S/m; $\epsilon_r = 43.546$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 450.012 MHz; Calibrated: 2021/12/13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2021/9/1
- Phantom: ELI v8.0; Type: QDOVA002AA; Serial: TP:2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (81x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 6.80 W/kg

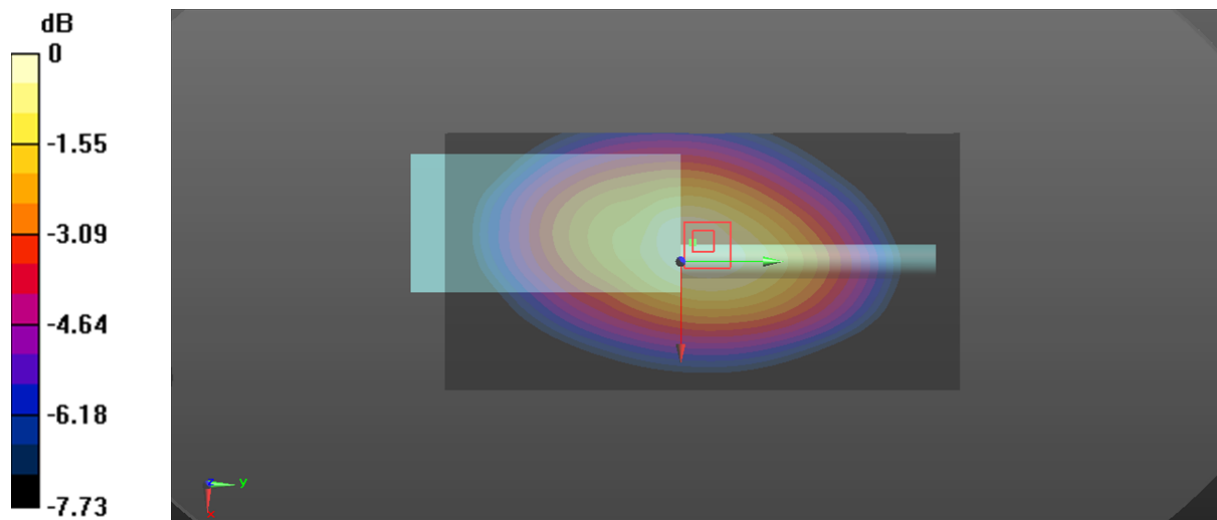
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 88.07 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 9.46 W/kg

SAR(1 g) = 6.49 W/kg; SAR(10 g) = 4.81 W/kg

Maximum value of SAR (measured) = 6.74 W/kg



0 dB = 6.74 W/kg = 8.29 dBW/kg

Plot 24#: 467.5125MHz_FM 25kHz_Body Back_Antenna 2**DUT: TP3350 Two Way Radio; Type: T03-00313-HCAA; Serial: CR21120026-SA-S1**

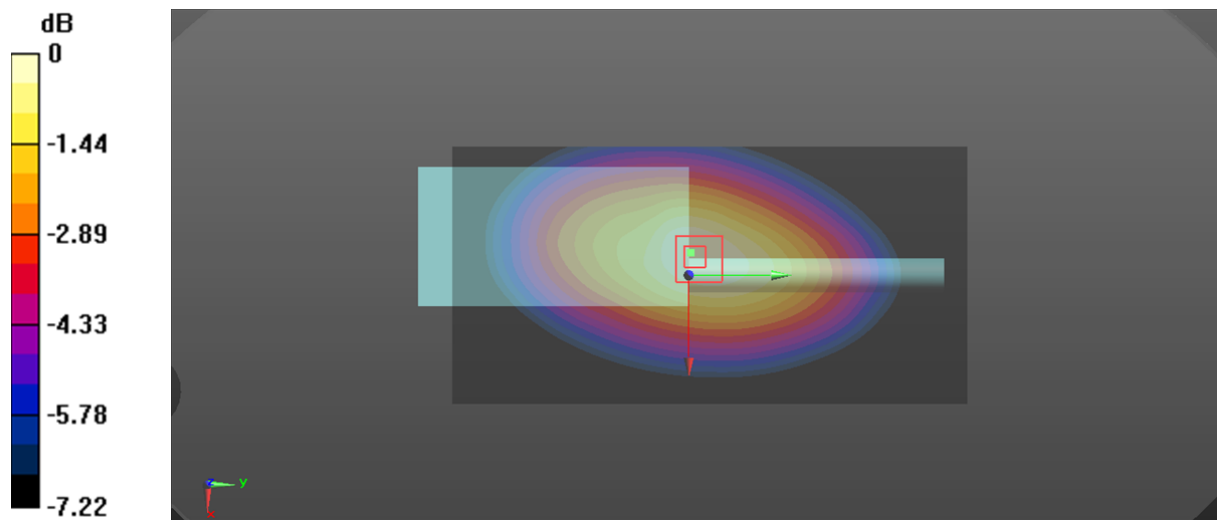
Communication System: FM; Frequency: 467.512 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 467.512 \text{ MHz}$; $\sigma = 0.872 \text{ S/m}$; $\epsilon_r = 43.338$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 467.512 MHz; Calibrated: 2021/12/13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2021/9/1
- Phantom: ELI v8.0; Type: QDOVA002AA; Serial: TP:2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (81x161x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 10.5 W/kg **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 109.0 V/m ; Power Drift = 0.11 dB Peak SAR (extrapolated) = 14.3 W/kg **SAR(1 g) = 9.88 W/kg ; SAR(10 g) = 7.29 W/kg** Maximum value of SAR (measured) = 10.3 W/kg 0 dB = 10.3 W/kg = 10.13 dBW/kg

Plot 25#: 485MHz_FM 25kHz_ Body Back_Antenna 2**DUT: TP3350 Two Way Radio; Type: T03-00313-HCAA; Serial: CR21120026-SA-S1**

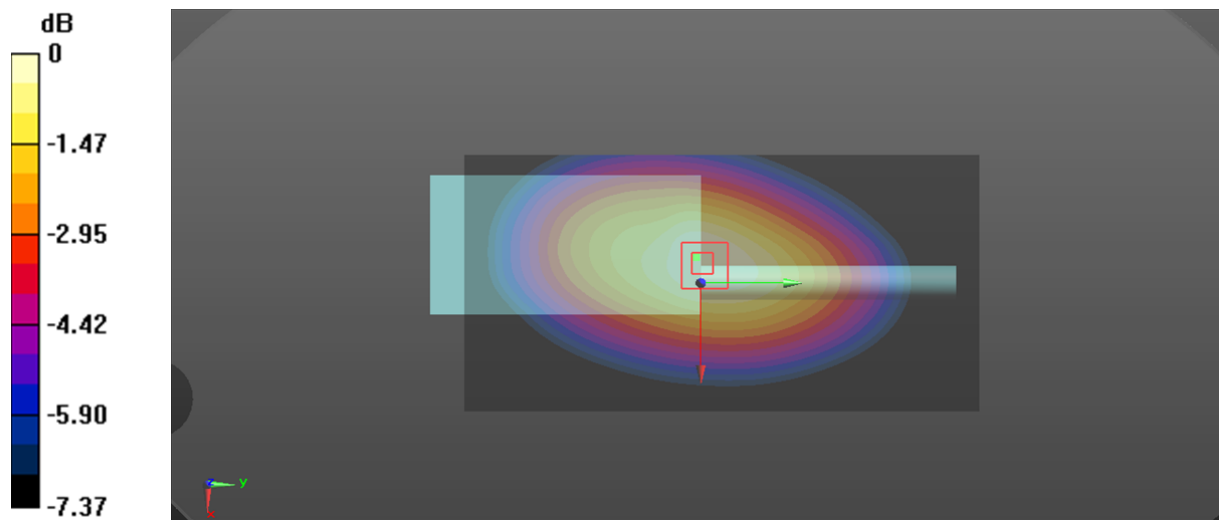
Communication System: FM; Frequency: 485 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 485 \text{ MHz}$; $\sigma = 0.879 \text{ S/m}$; $\epsilon_r = 43.239$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 485 MHz; Calibrated: 2021/12/13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2021/9/1
- Phantom: ELI v8.0; Type: QDOVA002AA; Serial: TP:2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (81x161x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 12.4 W/kg **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 123.4 V/m ; Power Drift = -0.03 dB Peak SAR (extrapolated) = 16.2 W/kg **SAR(1 g) = 11.3 W/kg ; SAR(10 g) = 8.35 W/kg** Maximum value of SAR (measured) = 11.9 W/kg 0 dB = 11.9 W/kg = 10.76 dBW/kg

Plot 26#: 502.4875MHz_FM 25kHz_Body Back_Antenna 2**DUT: TP3350 Two Way Radio; Type: T03-00313-HCAA; Serial: CR21120026-SA-S1**

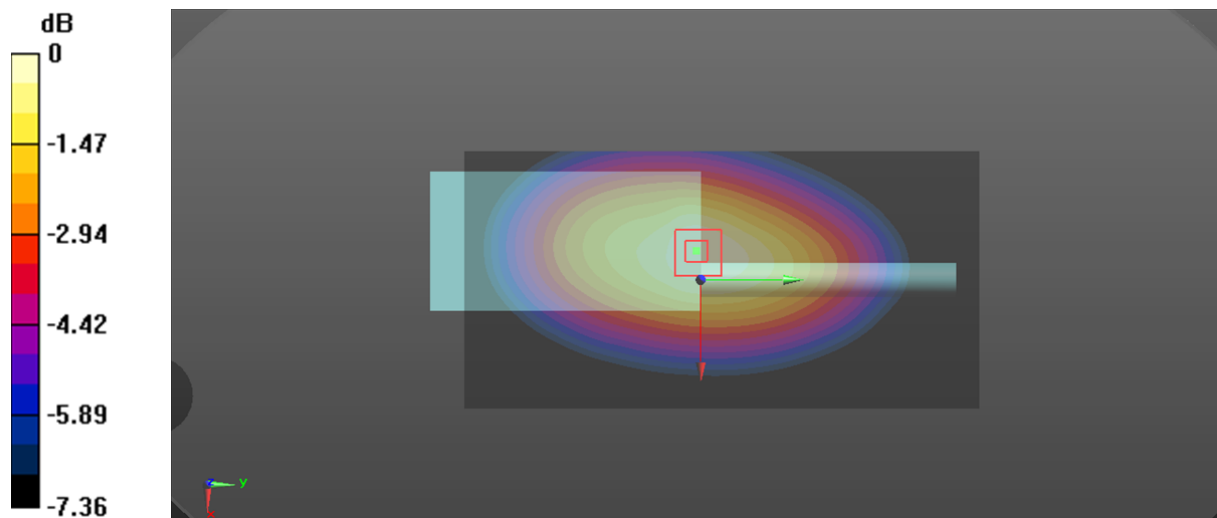
Communication System: FM; Frequency: 502.488 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 502.488 \text{ MHz}$; $\sigma = 0.886 \text{ S/m}$; $\epsilon_r = 43.221$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 502.488 MHz; Calibrated: 2021/12/13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2021/9/1
- Phantom: ELI v8.0; Type: QDOVA002AA; Serial: TP:2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (81x161x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 11.7 W/kg **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 115.9 V/m ; Power Drift = -0.12 dB Peak SAR (extrapolated) = 16.0 W/kg **SAR(1 g) = 10.9 W/kg ; SAR(10 g) = 7.92 W/kg** Maximum value of SAR (measured) = 11.4 W/kg 0 dB = 11.4 W/kg = 10.57 dBW/kg

Plot 27#: 519.9875MHz_FM 25kHz_Body Back_Antenna 2**DUT: TP3350 Two Way Radio; Type: T03-00313-HCAA; Serial: CR21120026-SA-S1**

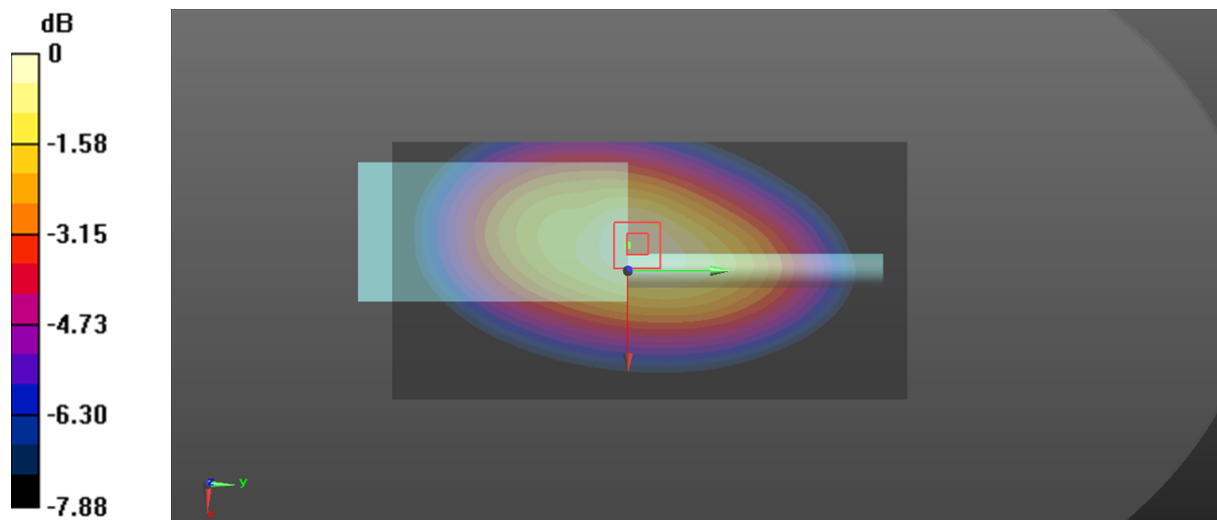
Communication System: FM; Frequency: 519.988 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 519.988 \text{ MHz}$; $\sigma = 0.891 \text{ S/m}$; $\epsilon_r = 43.084$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 519.988 MHz; Calibrated: 2021/12/13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2021/9/1
- Phantom: ELI v8.0; Type: QDOVA002AA; Serial: TP:2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (81x161x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 10.7 W/kg **Zoom Scan (6x6x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 111.3 V/m ; Power Drift = -0.16 dB Peak SAR (extrapolated) = 15.2 W/kg **SAR(1 g) = 10.2 W/kg ; SAR(10 g) = 7.34 W/kg** Maximum value of SAR (measured) = 10.6 W/kg 0 dB = 10.6 W/kg = 10.25 dBW/kg

Plot 28#: 485MHz_4FSK_Body Back_Antenna 2**DUT: TP3350 Two Way Radio; Type: T03-00313-HCAA; Serial: CR21120026-SA-S1**

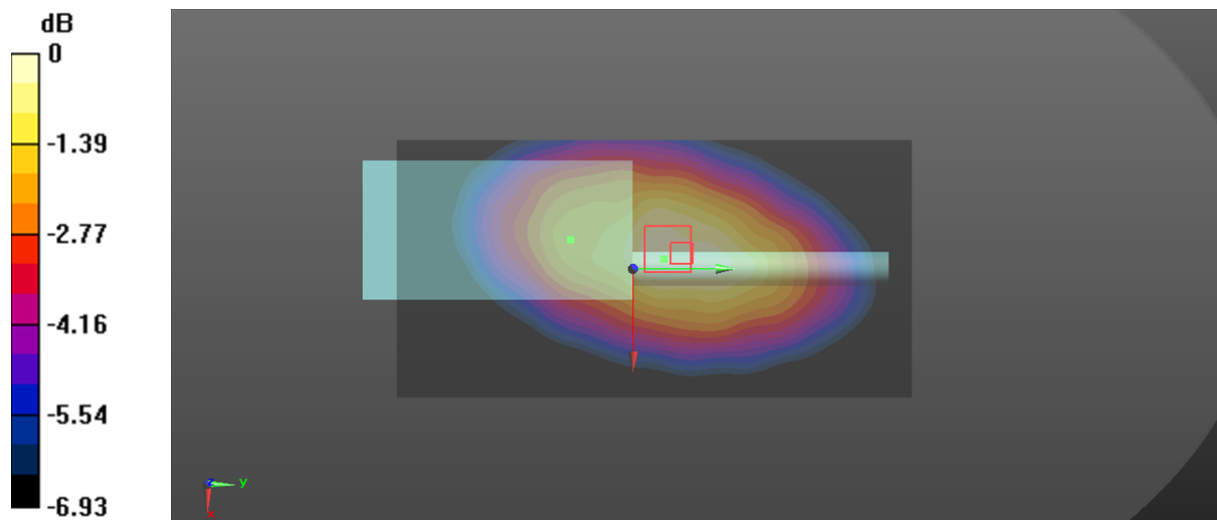
Communication System: 4FSK; Frequency: 485 MHz; Duty Cycle: 1:2

Medium parameters used: $f = 485 \text{ MHz}$; $\sigma = 0.879 \text{ S/m}$; $\epsilon_r = 43.239$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 485 MHz; Calibrated: 2021/12/13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2021/9/1
- Phantom: ELI v8.0; Type: QDOVA002AA; Serial: TP:2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (81x161x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 5.35 W/kg **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 74.08 V/m ; Power Drift = 0.03 dB Peak SAR (extrapolated) = 6.69 W/kg **SAR(1 g) = 4.96 W/kg ; SAR(10 g) = 3.82 W/kg** Maximum value of SAR (measured) = 5.35 W/kg 0 dB = 5.35 W/kg = 7.28 dBW/kg

Plot 29#: 485MHz_FM 12.5kHz_Body Back_Antenna 2**DUT: TP3350 Two Way Radio; Type: T03-00313-HCAA; Serial: CR21120026-SA-S1**

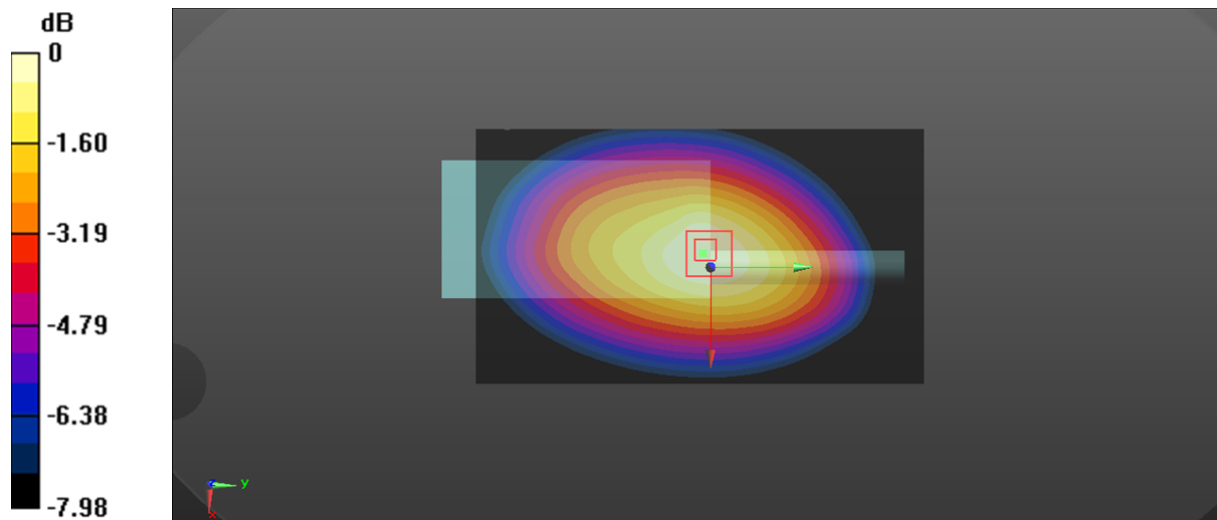
Communication System: FM; Frequency: 485 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 485 \text{ MHz}$; $\sigma = 0.879 \text{ S/m}$; $\epsilon_r = 43.239$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 485 MHz; Calibrated: 2021/12/13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2021/9/1
- Phantom: ELI v8.0; Type: QDOVA002AA; Serial: TP:2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (81x161x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 12.2 W/kg **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 118.6 V/m ; Power Drift = -0.05 dB Peak SAR (extrapolated) = 16.2 W/kg **SAR(1 g) = 10.9 W/kg ; SAR(10 g) = 8.12 W/kg** Maximum value of SAR (measured) = 11.2 W/kg 0 dB = 11.2 W/kg = 10.49 dBW/kg

Plot 30#: 467.5125MHz_FM 12.5kHz_Face Up_Antenna 1

DUT: TP3350 Two Way Radio; Type: T03-00313-HBAA; Serial: CR21120026-SA-S2

Communication System: FM; Frequency: 467.512 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 467.512 \text{ MHz}$; $\sigma = 0.875 \text{ S/m}$; $\epsilon_r = 43.486$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 467.512 MHz; Calibrated: 2021/12/13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2021/9/1
- Phantom: ELI v8.0; Type: QDOVA002AA; Serial: TP:2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (81x141x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 5.89 W/kg

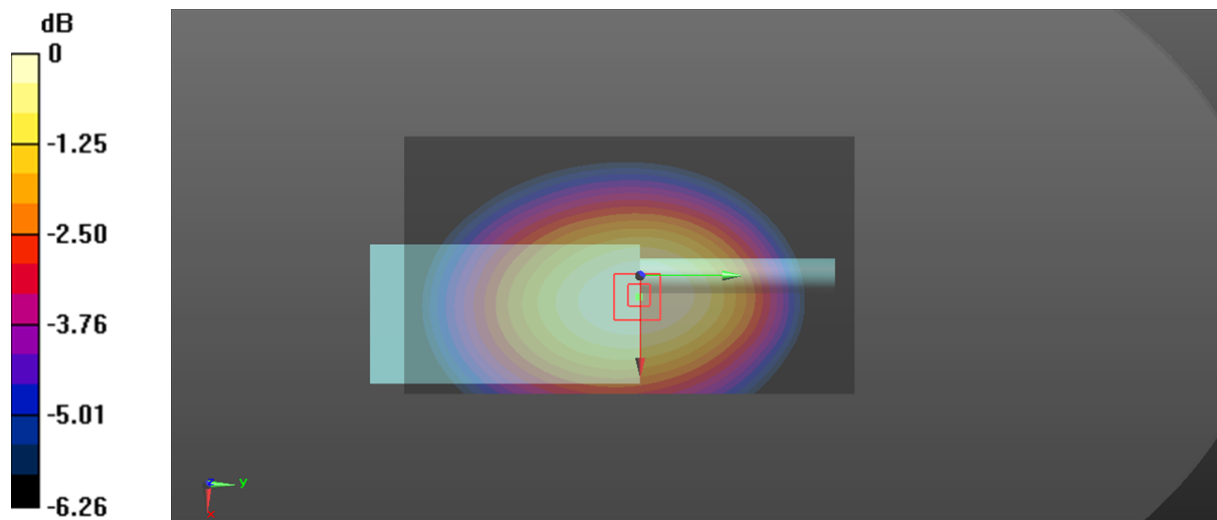
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 84.92 V/m ; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 6.82 W/kg

SAR(1 g) = 5.49 W/kg ; SAR(10 g) = 4.34 W/kg

Maximum value of SAR (measured) = 5.72 W/kg



0 dB = 5.72 W/kg = 7.57 dBW/kg

Plot 31#: 467.5125MHz_FM 25kHz_Face Up_Antenna 1

DUT: TP3350 Two Way Radio; Type: T03-00313-HBAA; Serial: CR21120026-SA-S2

Communication System: FM; Frequency: 467.512 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 467.512$ MHz; $\sigma = 0.875$ S/m; $\epsilon_r = 43.486$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 467.512 MHz; Calibrated: 2021/12/13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2021/9/1
- Phantom: ELI v8.0; Type: QDOVA002AA; Serial: TP:2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 5.96 W/kg

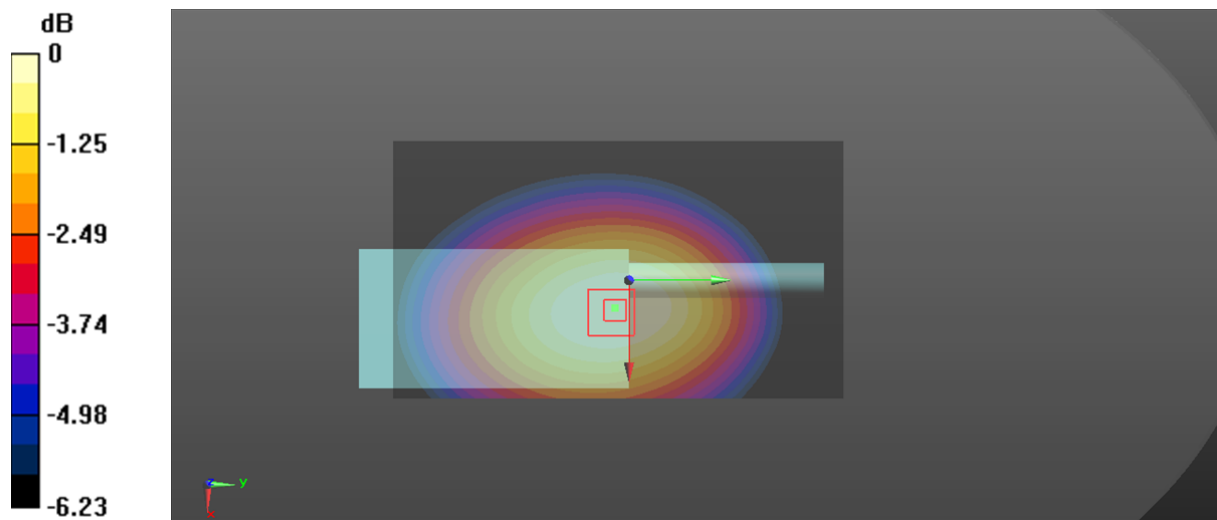
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 83.63 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 6.86 W/kg

SAR(1 g) = 5.52 W/kg; SAR(10 g) = 4.39 W/kg

Maximum value of SAR (measured) = 5.75 W/kg



0 dB = 5.75 W/kg = 7.60 dBW/kg

Plot 32#: 467.5125MHz_4FSK_Face Up_Antenna 1**DUT: TP3350 Two Way Radio; Type: T03-00313-HBAA; Serial: CR21120026-SA-S2**

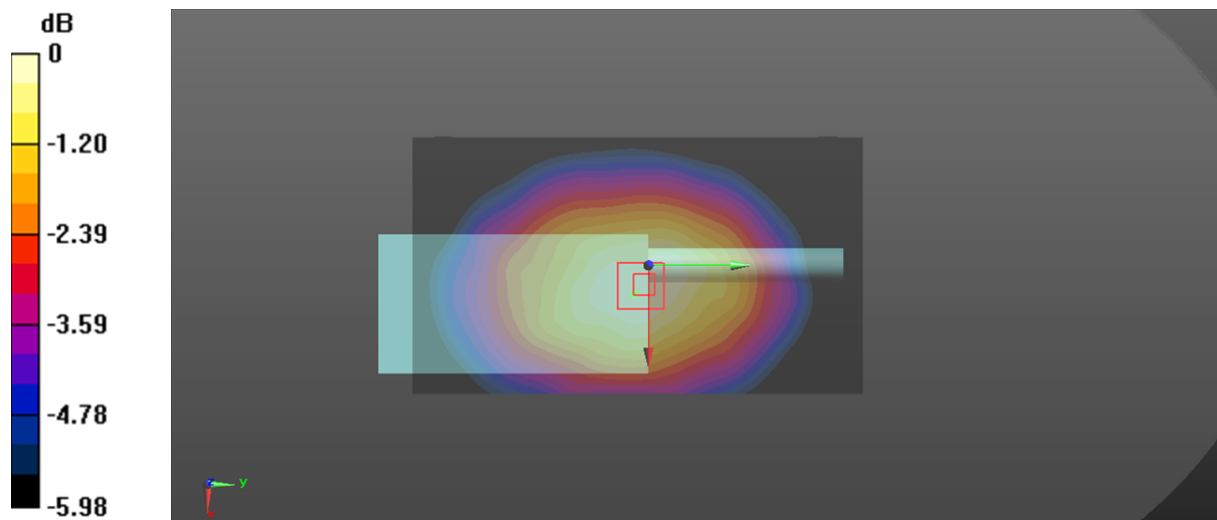
Communication System: 4FSK; Frequency: 467.512 MHz; Duty Cycle: 1:2

Medium parameters used: $f = 467.512 \text{ MHz}$; $\sigma = 0.875 \text{ S/m}$; $\epsilon_r = 43.486$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 467.512 MHz; Calibrated: 2021/12/13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2021/9/1
- Phantom: ELI v8.0; Type: QDOVA002AA; Serial: TP:2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (81x141x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 2.07 W/kg **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 51.03 V/m ; Power Drift = -0.10 dB Peak SAR (extrapolated) = 2.43 W/kg **SAR(1 g) = 1.93 W/kg ; SAR(10 g) = 1.54 W/kg** Maximum value of SAR (measured) = 2.06 W/kg 0 dB = 2.06 W/kg = 3.14 dBW/kg

Plot 33#: 467.5125MHz_FM 12.5kHz_ Body Back_Antenna 1

DUT: TP3350 Two Way Radio; Type: T03-00313-HBAA; Serial: CR21120026-SA-S2

Communication System: FM; Frequency: 467.512 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 467.512$ MHz; $\sigma = 0.875$ S/m; $\epsilon_r = 43.486$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 467.512 MHz; Calibrated: 2021/12/13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2021/9/1
- Phantom: ELI v8.0; Type: QDOVA002AA; Serial: TP:2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 10.1 W/kg

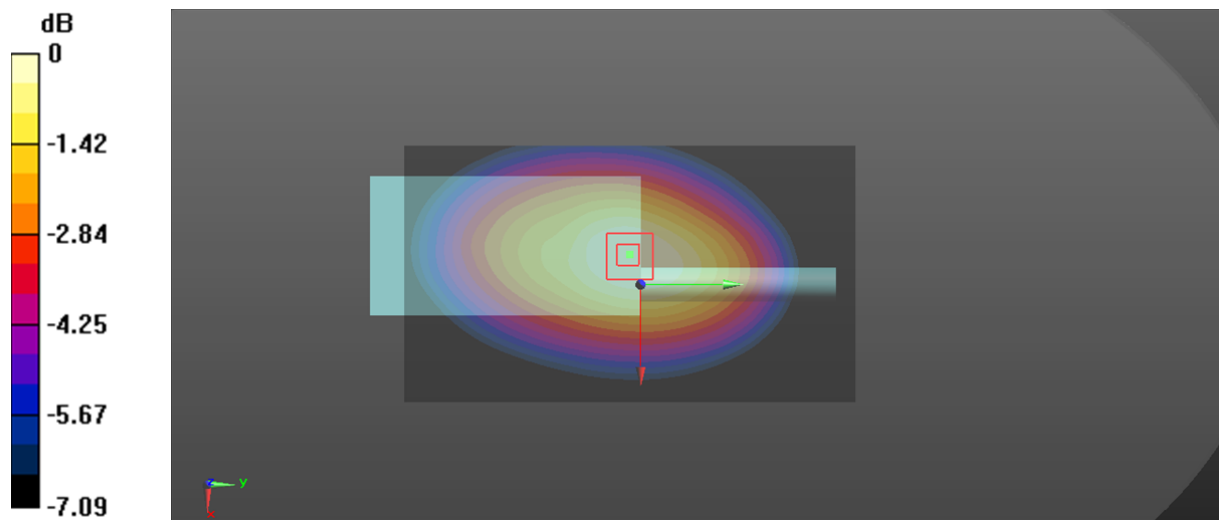
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 108.6 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 12.1 W/kg

SAR(1 g) = 9.23 W/kg; SAR(10 g) = 6.99 W/kg

Maximum value of SAR (measured) = 9.68 W/kg



0 dB = 9.68 W/kg = 9.86 dBW/kg

Plot 34#: 450.0125MHz_FM 25kHz_Body Back_Antenna 1**DUT: TP3350 Two Way Radio; Type: T03-00313-HBAA; Serial: CR21120026-SA-S2**

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

Medium parameters used: $f = 450.012$ MHz; $\sigma = 0.869$ S/m; $\epsilon_r = 43.524$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 450.012 MHz; Calibrated: 2021/12/13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2021/9/1
- Phantom: ELI v8.0; Type: QDOVA002AA; Serial: TP:2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 9.06 W/kg

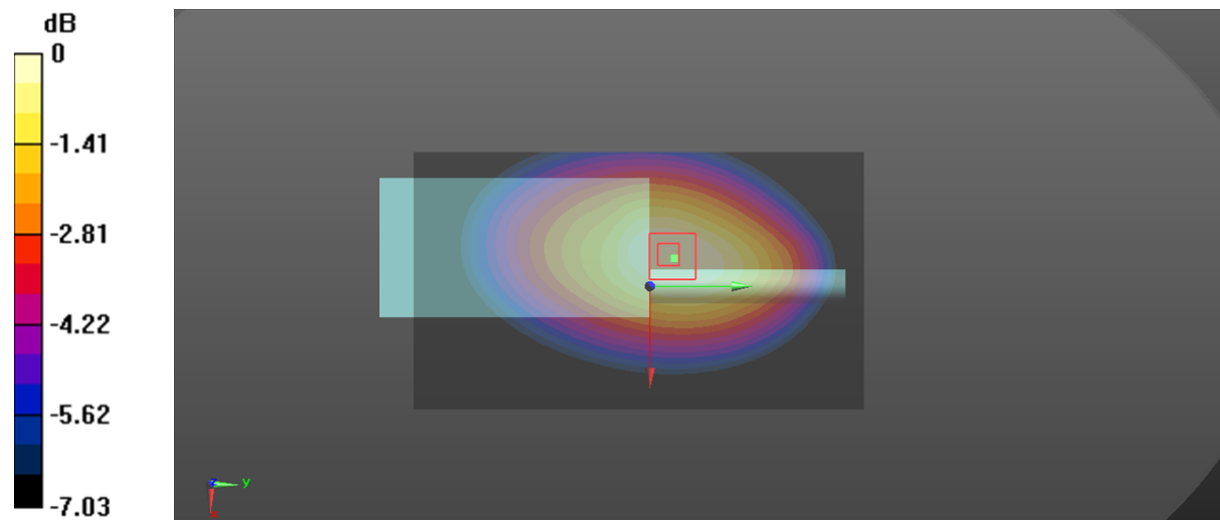
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 97.51 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 11.0 W/kg

SAR(1 g) = 8.43 W/kg; SAR(10 g) = 6.4 W/kg

Maximum value of SAR (measured) = 8.81 W/kg



0 dB = 8.81 W/kg = 9.45 dBW/kg

Plot 35#: 467.5125MHz_FM 25kHz_Body Back_Antenna 1**DUT: TP3350 Two Way Radio; Type: T03-00313-HBAA; Serial: CR21120026-SA-S2**

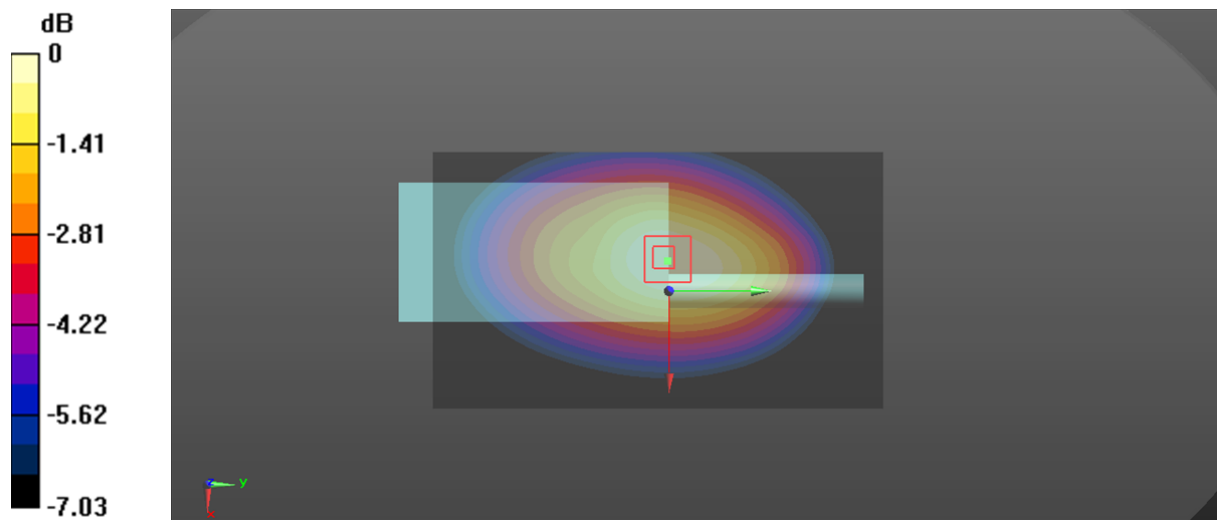
Communication System: FM; Frequency: 467.512 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 467.512 \text{ MHz}$; $\sigma = 0.875 \text{ S/m}$; $\epsilon_r = 43.486$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 467.512 MHz; Calibrated: 2021/12/13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2021/9/1
- Phantom: ELI v8.0; Type: QDOVA002AA; Serial: TP:2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (81x141x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 10.4 W/kg **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 107.1 V/m ; Power Drift = -0.04 dB Peak SAR (extrapolated) = 12.6 W/kg **SAR(1 g) = 9.55 W/kg ; SAR(10 g) = 7.22 W/kg** Maximum value of SAR (measured) = 10.0 W/kg 0 dB = 10.0 W/kg = 10.00 dBW/kg

Plot 36#: 485MHz_FM 25kHz_ Body Back_Antenna 1**DUT: TP3350 Two Way Radio; Type: T03-00313-HBAA; Serial: CR21120026-SA-S2**

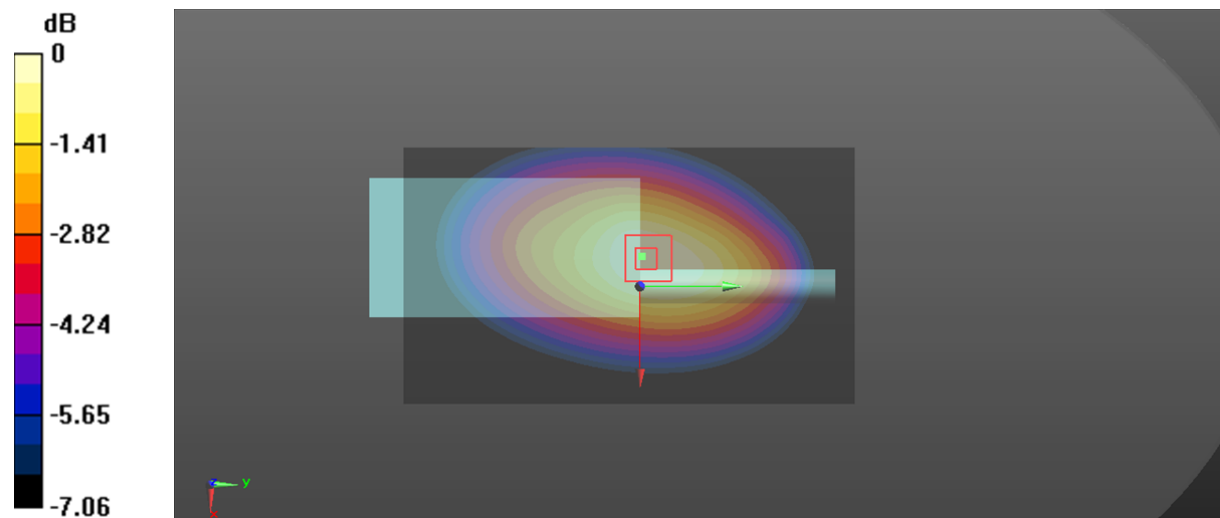
Communication System: FM; Frequency: 485 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 485 \text{ MHz}$; $\sigma = 0.882 \text{ S/m}$; $\epsilon_r = 43.365$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 485 MHz; Calibrated: 2021/12/13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2021/9/1
- Phantom: ELI v8.0; Type: QDOVA002AA; Serial: TP:2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (81x141x1): 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 = 100.5 V/m ; Power Drift = -0.07 dB Peak SAR (extrapolated) = 10.9 W/kg **SAR(1 g) = 8.33 W/kg ; SAR(10 g) = 6.3 W/kg** Maximum value of SAR (measured) = 8.73 W/kg 0 dB = 8.73 W/kg = 9.41 dBW/kg

Plot 37#: 502.4875MHz_FM 25kHz_Body Back_Antenna 1**DUT: TP3350 Two Way Radio; Type: T03-00313-HBAA; Serial: CR21120026-SA-S2**

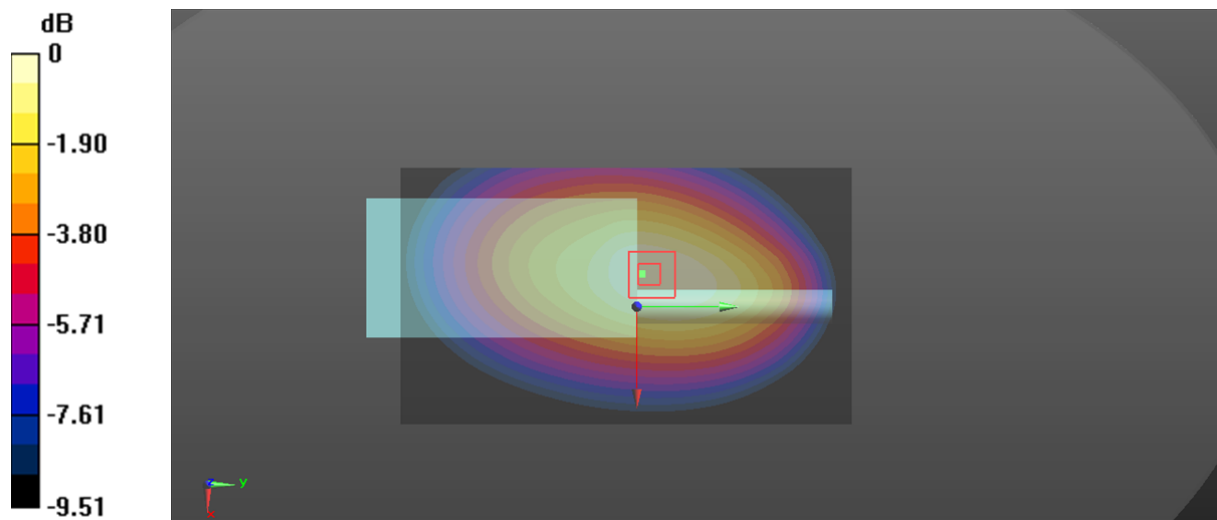
Communication System: FM; Frequency: 502.488 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 502.488 \text{ MHz}$; $\sigma = 0.887 \text{ S/m}$; $\epsilon_r = 43.267$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 502.488 MHz; Calibrated: 2021/12/13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2021/9/1
- Phantom: ELI v8.0; Type: QDOVA002AA; Serial: TP:2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (81x141x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 8.56 W/kg **Zoom Scan (9x8x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 93.43 V/m ; Power Drift = -0.04 dB Peak SAR (extrapolated) = 10.7 W/kg **SAR(1 g) = 8.07 W/kg ; SAR(10 g) = 6.06 W/kg** Maximum value of SAR (measured) = 8.44 W/kg 0 dB = $8.44 \text{ W/kg} = 9.26 \text{ dBW/kg}$

Plot 38#: 519.9875MHz_FM 25kHz_Body Back_Antenna 1

DUT: TP3350 Two Way Radio; Type: T03-00313-HBAA; Serial: CR21120026-SA-S2

Communication System: FM; Frequency: 519.988 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 519.988 \text{ MHz}$; $\sigma = 0.893 \text{ S/m}$; $\epsilon_r = 43.059$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 519.988 MHz; Calibrated: 2021/12/13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2021/9/1
- Phantom: ELI v8.0; Type: QDOVA002AA; Serial: TP:2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (81x141x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 8.49 W/kg

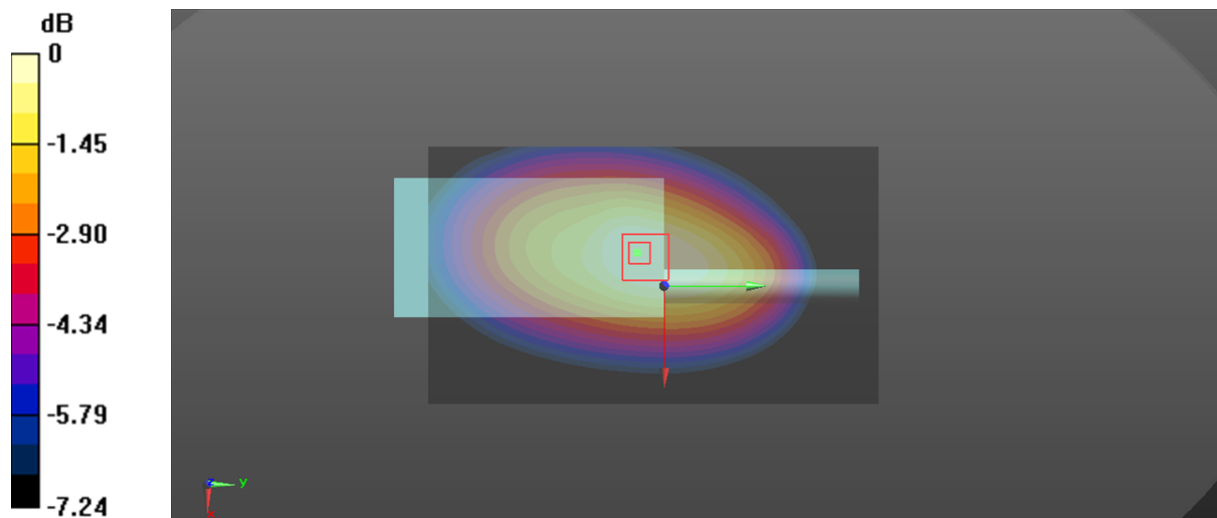
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 98.92 V/m ; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 10.3 W/kg

SAR(1 g) = 7.75 W/kg ; SAR(10 g) = 5.8 W/kg

Maximum value of SAR (measured) = 8.14 W/kg



0 dB = 8.14 W/kg = 9.11 dBW/kg

Plot 39#: 467.5125MHz_4FSK_Body Back_Antenna 1**DUT: TP3350 Two Way Radio; Type: T03-00313-HBAA; Serial: CR21120026-SA-S2**

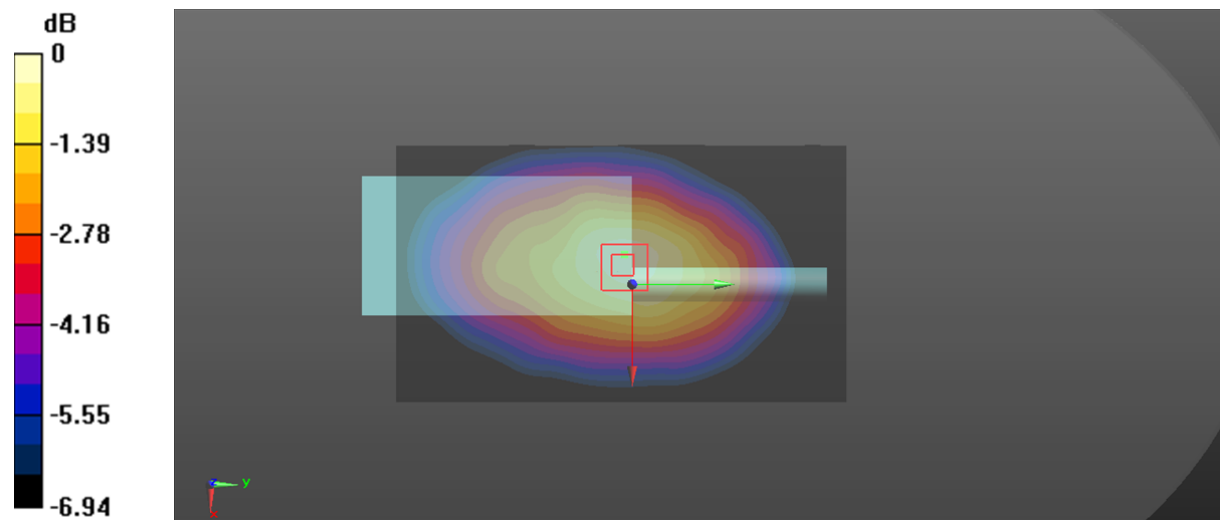
Communication System: 4FSK; Frequency: 467.512 MHz; Duty Cycle: 1:2

Medium parameters used: $f = 467.512 \text{ MHz}$; $\sigma = 0.875 \text{ S/m}$; $\epsilon_r = 43.486$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 467.512 MHz; Calibrated: 2021/12/13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2021/9/1
- Phantom: ELI v8.0; Type: QDOVA002AA; Serial: TP:2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (81x141x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 3.61 W/kg **Zoom Scan (6x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 68.45 V/m ; Power Drift = -0.07 dB Peak SAR (extrapolated) = 4.50 W/kg **SAR(1 g) = 3.52 W/kg ; SAR(10 g) = 2.73 W/kg** Maximum value of SAR (measured) = 3.78 W/kg 0 dB = $3.78 \text{ W/kg} = 5.77 \text{ dBW/kg}$

Plot 40#: 502.4875MHz_FM 12.5kHz_Face Up_Antenna 2

DUT: TP3350 Two Way Radio; Type: T03-00313-HBAA; Serial: CR21120026-SA-S2

Communication System: FM; Frequency: 502.488 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 502.488 \text{ MHz}$; $\sigma = 0.887 \text{ S/m}$; $\epsilon_r = 43.267$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 502.488 MHz; Calibrated: 2021/12/13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2021/9/1
- Phantom: ELI v8.0; Type: QDOVA002AA; Serial: TP:2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (81x161x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 5.34 W/kg

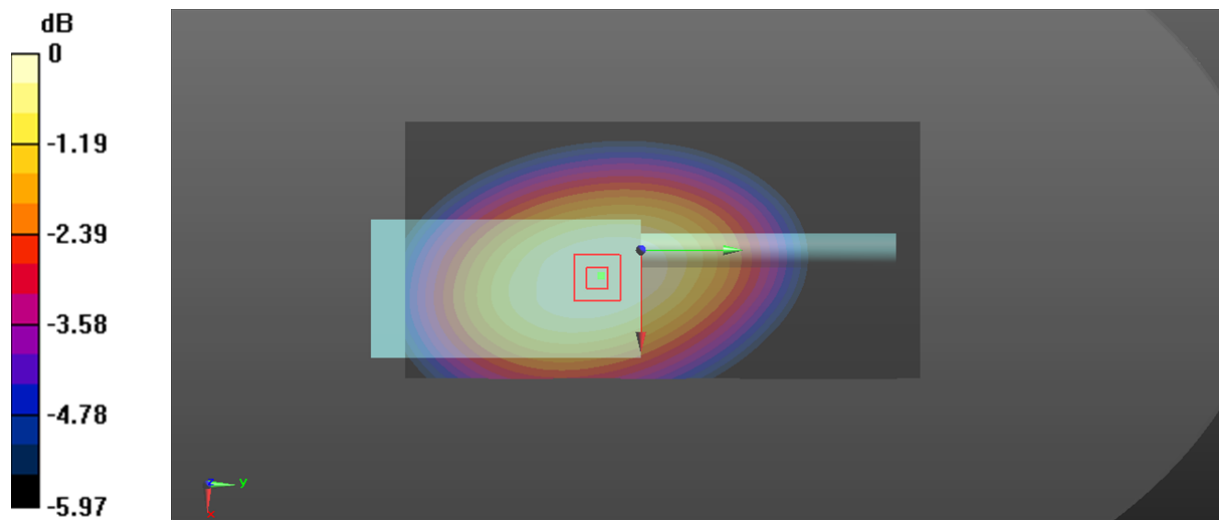
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 80.00 V/m ; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 6.14 W/kg

SAR(1 g) = 4.98 W/kg ; SAR(10 g) = 3.96 W/kg

Maximum value of SAR (measured) = 5.17 W/kg



0 dB = 5.17 W/kg = 7.13 dBW/kg

Plot 41#: 502.4875MHz_FM 25kHz_Face Up_Antenna 2

DUT: TP3350 Two Way Radio; Type: T03-00313-HBAA; Serial: CR21120026-SA-S2

Communication System: FM; Frequency: 502.488 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 502.488$ MHz; $\sigma = 0.887$ S/m; $\epsilon_r = 43.267$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 502.488 MHz; Calibrated: 2021/12/13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2021/9/1
- Phantom: ELI v8.0; Type: QDOVA002AA; Serial: TP:2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (81x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 6.62 W/kg

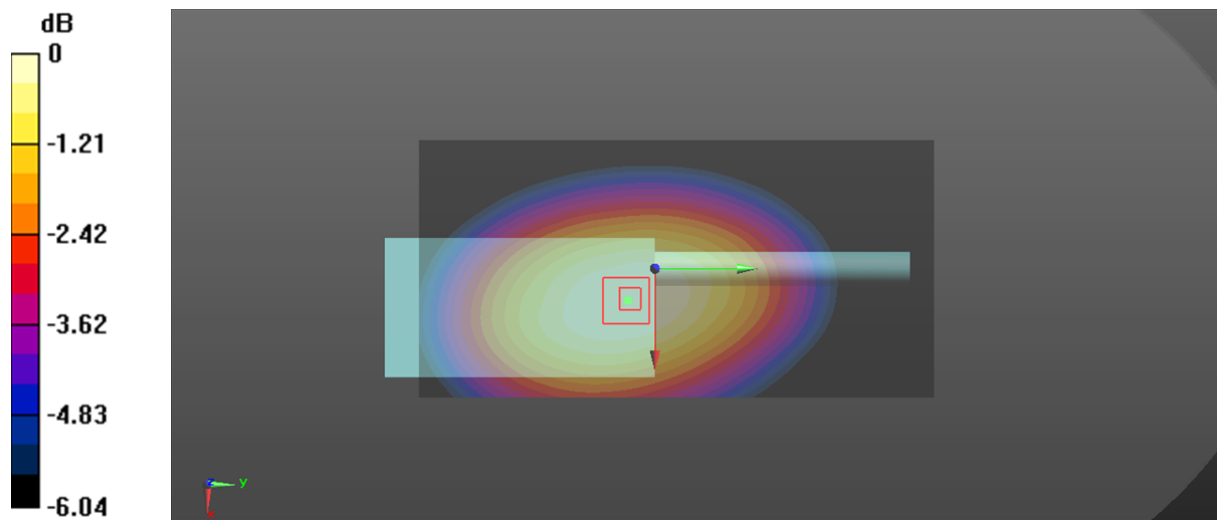
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 88.38 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 7.75 W/kg

SAR(1 g) = 6.24 W/kg; SAR(10 g) = 4.95 W/kg

Maximum value of SAR (measured) = 6.49 W/kg



0 dB = 6.49 W/kg = 8.12 dBW/kg

Plot 42#: 502.4875MHz_4FSK_Face Up_Antenna 2

DUT: TP3350 Two Way Radio; Type: T03-00313-HBAA; Serial: CR21120026-SA-S2

Communication System: 4FSK; Frequency: 502.488 MHz; Duty Cycle: 1:2

Medium parameters used: $f = 502.488$ MHz; $\sigma = 0.887$ S/m; $\epsilon_r = 43.267$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 502.488 MHz; Calibrated: 2021/12/13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2021/9/1
- Phantom: ELI v8.0; Type: QDOVA002AA; Serial: TP:2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (81x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 3.06 W/kg

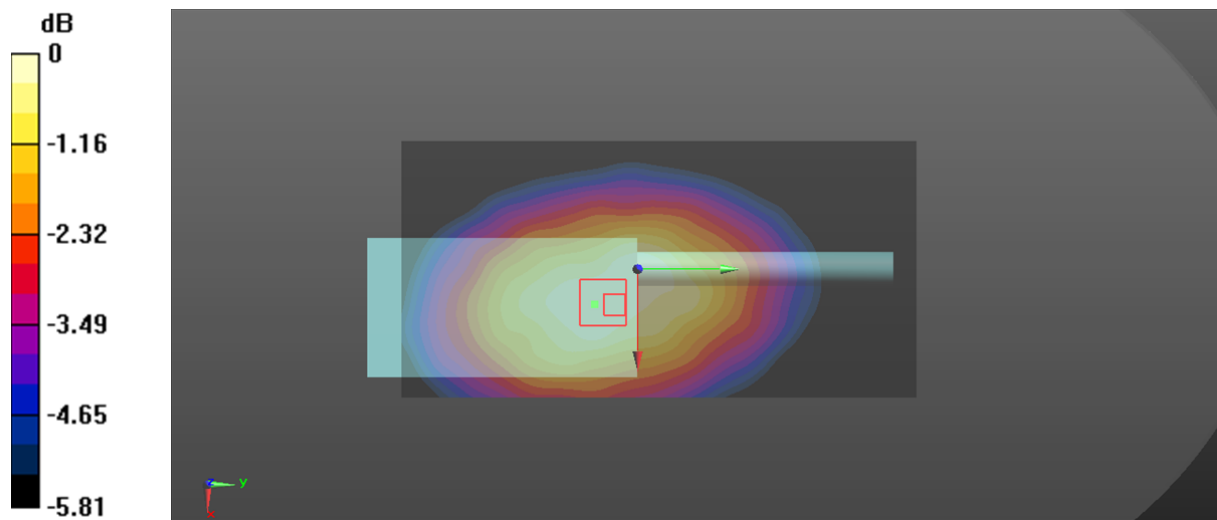
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 58.42 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 3.62 W/kg

SAR(1 g) = 2.86 W/kg; SAR(10 g) = 2.29 W/kg

Maximum value of SAR (measured) = 3.00 W/kg



0 dB = 3.00 W/kg = 4.77 dBW/kg

Plot 43#: 502.4875MHz_FM 12.5kHz_Body Back_Antenna 2**DUT: TP3350 Two Way Radio; Type: T03-00313-HBAA; Serial: CR21120026-SA-S2**

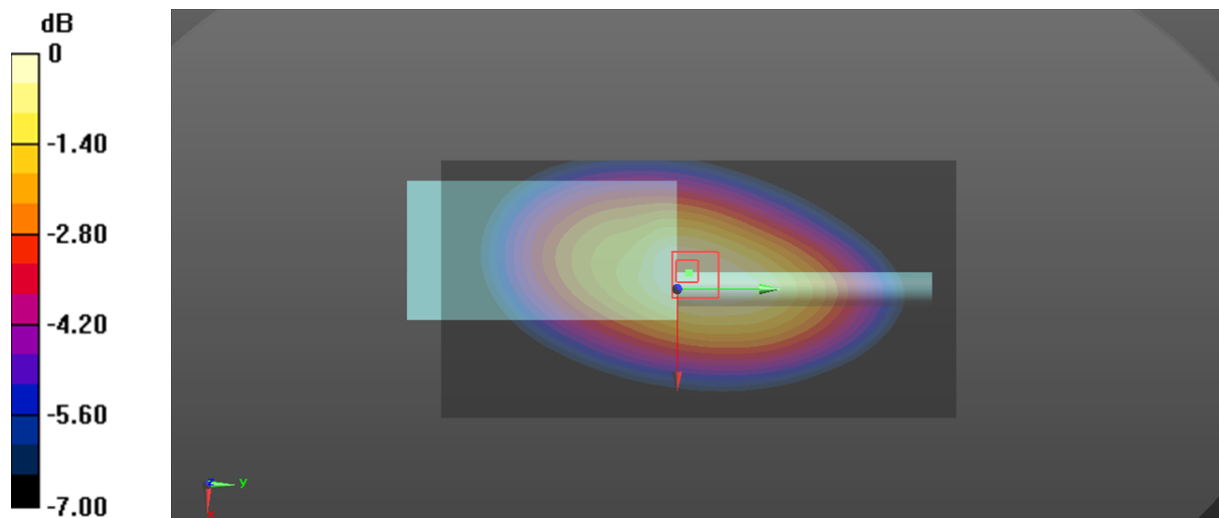
Communication System: FM; Frequency: 502.488 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 502.488 \text{ MHz}$; $\sigma = 0.887 \text{ S/m}$; $\epsilon_r = 43.267$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 502.488 MHz; Calibrated: 2021/12/13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2021/9/1
- Phantom: ELI v8.0; Type: QDOVA002AA; Serial: TP:2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (81x161x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 10.9 W/kg **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 114.6 V/m ; Power Drift = -0.01 dB Peak SAR (extrapolated) = 13.5 W/kg **SAR(1 g) = 10.3 W/kg ; SAR(10 g) = 7.75 W/kg** Maximum value of SAR (measured) = 10.8 W/kg 0 dB = 10.8 W/kg = 10.33 dBW/kg

Plot 44#: 450.0125MHz_FM 25kHz_Body Back_Antenna 2**DUT: TP3350 Two Way Radio; Type: T03-00313-HBAA; Serial: CR21120026-SA-S2**

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

Medium parameters used: $f = 450.012$ MHz; $\sigma = 0.869$ S/m; $\epsilon_r = 43.524$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 450.012 MHz; Calibrated: 2021/12/13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2021/9/1
- Phantom: ELI v8.0; Type: QDOVA002AA; Serial: TP:2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (81x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 8.29 W/kg

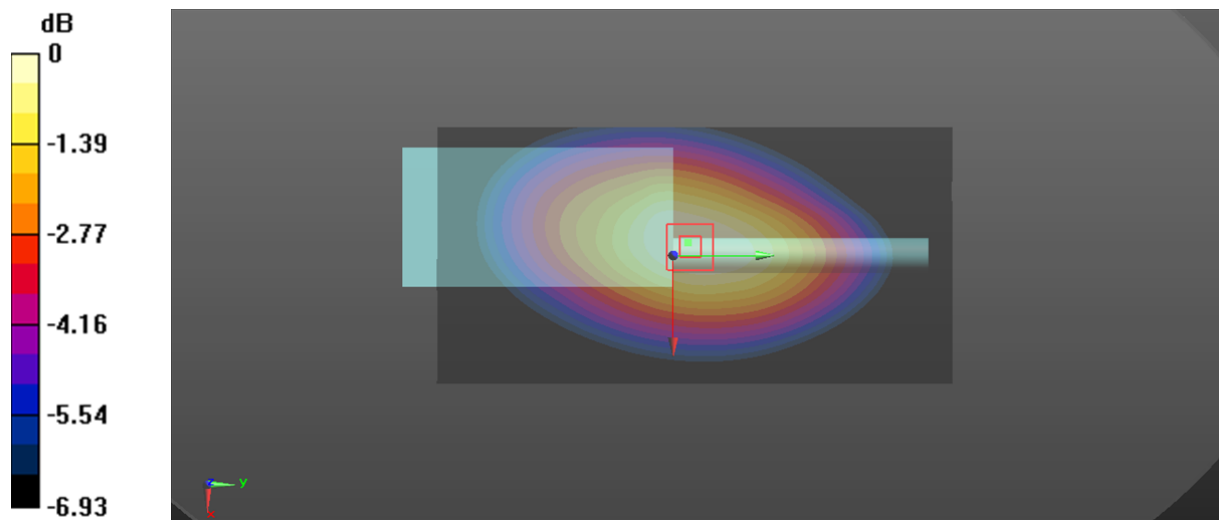
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 99.97 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 9.90 W/kg

SAR(1 g) = 7.7 W/kg; SAR(10 g) = 5.88 W/kg

Maximum value of SAR (measured) = 8.04 W/kg



0 dB = 8.04 W/kg = 9.05 dBW/kg

Plot 45#: 467.5125MHz_FM 25kHz_Body Back_Antenna 2**DUT: TP3350 Two Way Radio; Type: T03-00313-HBAA; Serial: CR21120026-SA-S2**

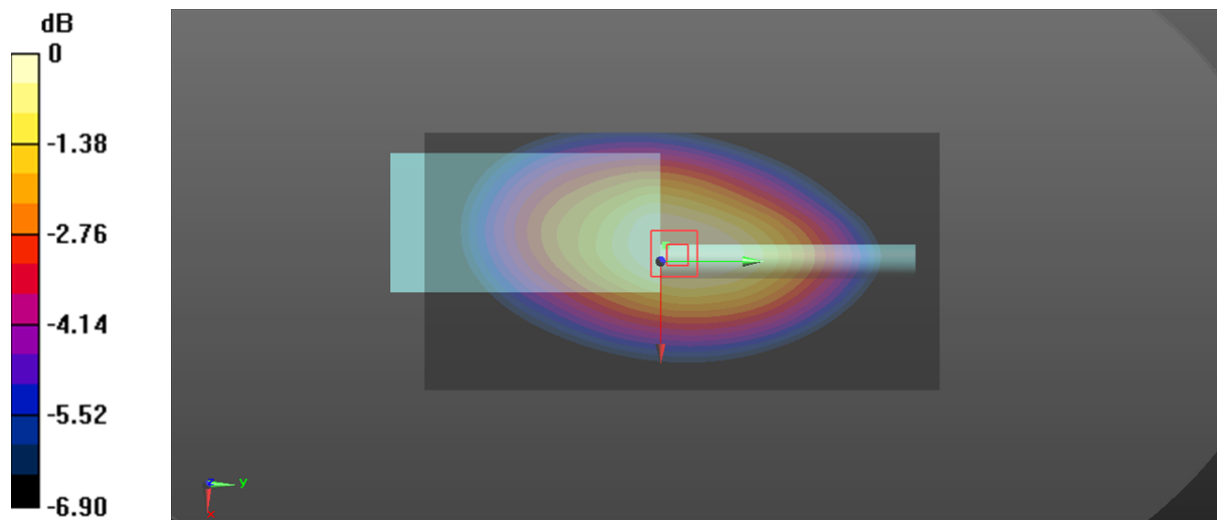
Communication System: FM; Frequency: 467.512 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 467.512 \text{ MHz}$; $\sigma = 0.875 \text{ S/m}$; $\epsilon_r = 43.486$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 467.512 MHz; Calibrated: 2021/12/13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2021/9/1
- Phantom: ELI v8.0; Type: QDOVA002AA; Serial: TP:2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (81x161x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 11.7 W/kg **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 117.6 V/m ; Power Drift = -0.10 dB Peak SAR (extrapolated) = 13.9 W/kg **SAR(1 g) = 10.7 W/kg ; SAR(10 g) = 8.2 W/kg** Maximum value of SAR (measured) = 11.2 W/kg 0 dB = 11.2 W/kg = 10.49 dBW/kg

Plot 46#: 485MHz_FM 25kHz_Body Back_Antenna 2**DUT: TP3350 Two Way Radio; Type: T03-00313-HBAA; Serial: CR21120026-SA-S2**

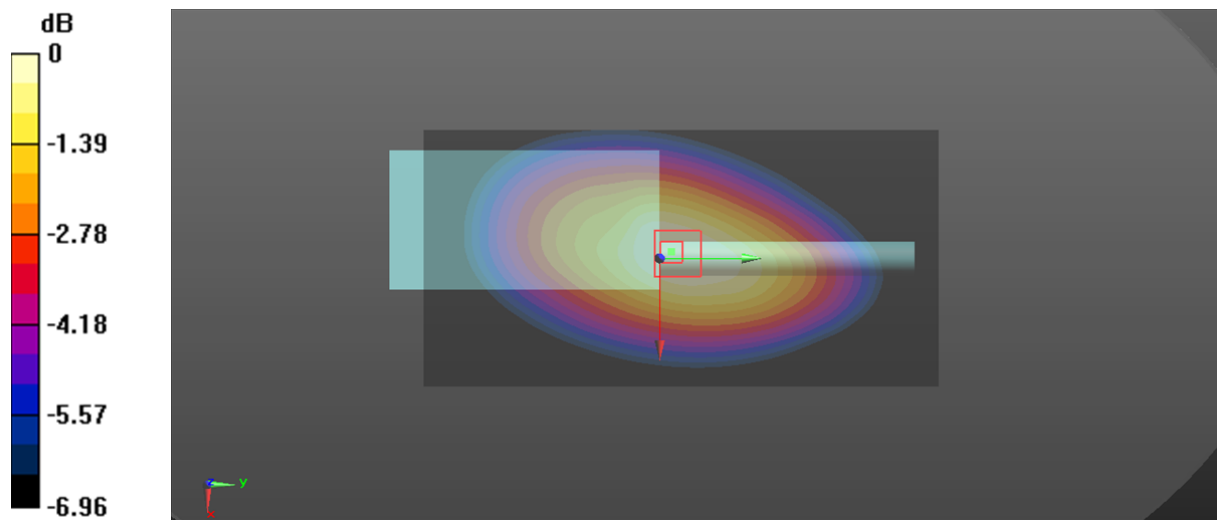
Communication System: FM; Frequency: 485 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 485 \text{ MHz}$; $\sigma = 0.882 \text{ S/m}$; $\epsilon_r = 43.365$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 485 MHz; Calibrated: 2021/12/13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2021/9/1
- Phantom: ELI v8.0; Type: QDOVA002AA; Serial: TP:2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (81x161x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 11.7 W/kg **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 119.3 V/m ; Power Drift = -0.15 dB Peak SAR (extrapolated) = 14.2 W/kg **SAR(1 g) = 10.9 W/kg ; SAR(10 g) = 8.26 W/kg** Maximum value of SAR (measured) = 11.4 W/kg 0 dB = 11.4 W/kg = 10.57 dBW/kg

Plot 47#: 502.4875MHz_FM 25kHz_Body Back_Antenna 2**DUT: TP3350 Two Way Radio; Type: T03-00313-HBAA; Serial: CR21120026-SA-S2**

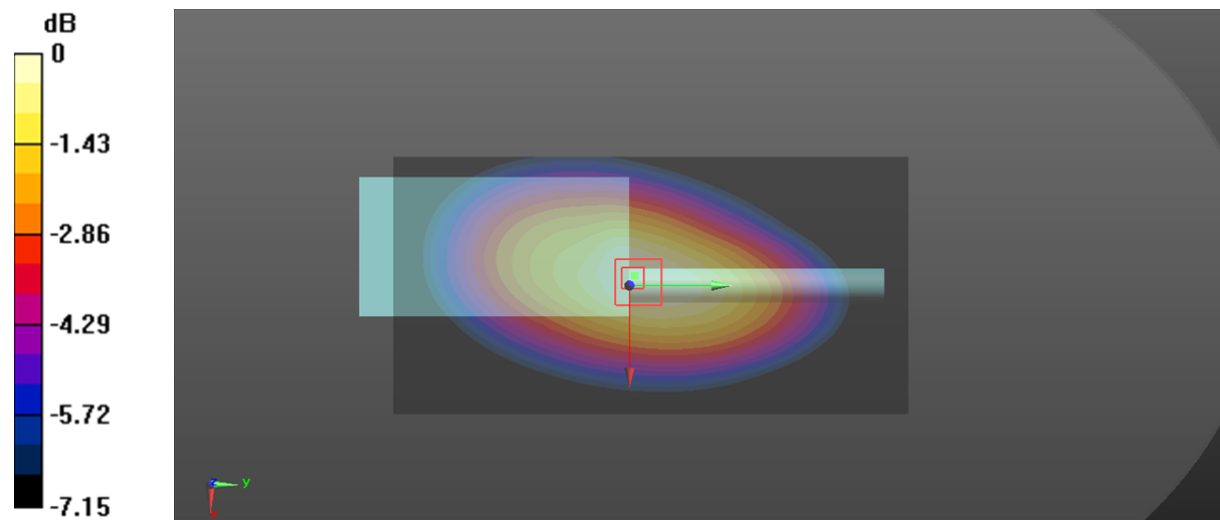
Communication System: FM; Frequency: 502.488 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 502.488 \text{ MHz}$; $\sigma = 0.887 \text{ S/m}$; $\epsilon_r = 43.267$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 502.488 MHz; Calibrated: 2021/12/13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2021/9/1
- Phantom: ELI v8.0; Type: QDOVA002AA; Serial: TP:2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (81x161x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 12.4 W/kg **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 123.1 V/m ; Power Drift = -0.11 dB Peak SAR (extrapolated) = 15.2 W/kg **SAR(1 g) = 11.5 W/kg ; SAR(10 g) = 8.71 W/kg** Maximum value of SAR (measured) = 12.1 W/kg 0 dB = 12.1 W/kg = 10.83 dBW/kg

Plot 48#: 519.9875MHz_FM 25kHz_Body Back_Antenna 2**DUT: TP3350 Two Way Radio; Type: T03-00313-HBAA; Serial: CR21120026-SA-S2**

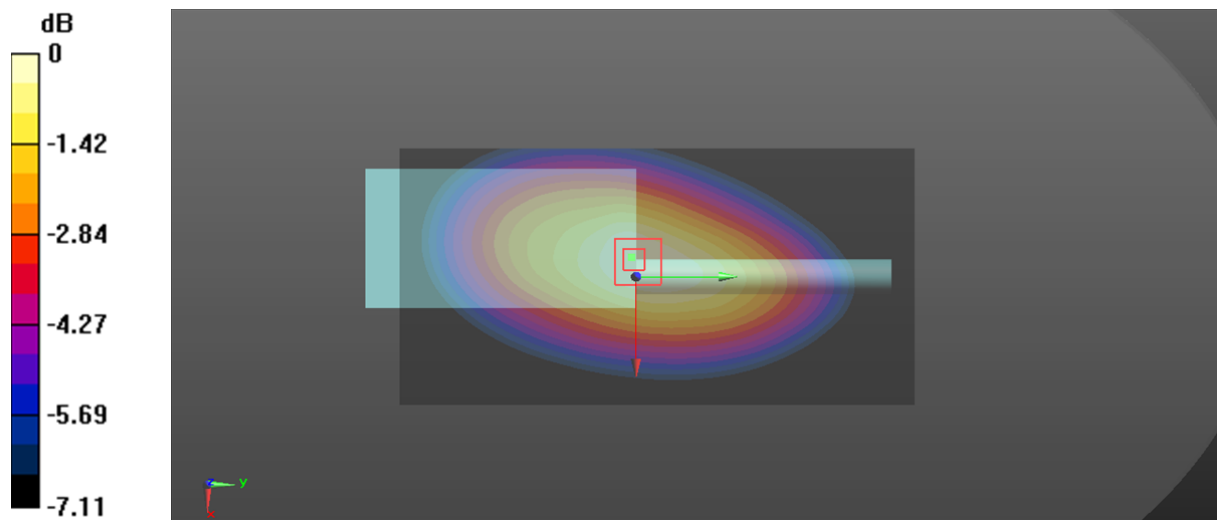
Communication System: FM; Frequency: 519.988 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 519.988 \text{ MHz}$; $\sigma = 0.893 \text{ S/m}$; $\epsilon_r = 43.059$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 519.988 MHz; Calibrated: 2021/12/13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2021/9/1
- Phantom: ELI v8.0; Type: QDOVA002AA; Serial: TP:2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (81x161x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 11.9 W/kg **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 118.2 V/m ; Power Drift = -0.04 dB Peak SAR (extrapolated) = 14.7 W/kg **SAR(1 g) = 11 W/kg ; SAR(10 g) = 8.27 W/kg** Maximum value of SAR (measured) = 11.6 W/kg 0 dB = 11.6 W/kg = 10.64 dBW/kg

Plot 49#: 502.4875MHz_4FSK_Body Back_Antenna 2**DUT: TP3350 Two Way Radio; Type: T03-00313-HBAA; Serial: CR21120026-SA-S2**

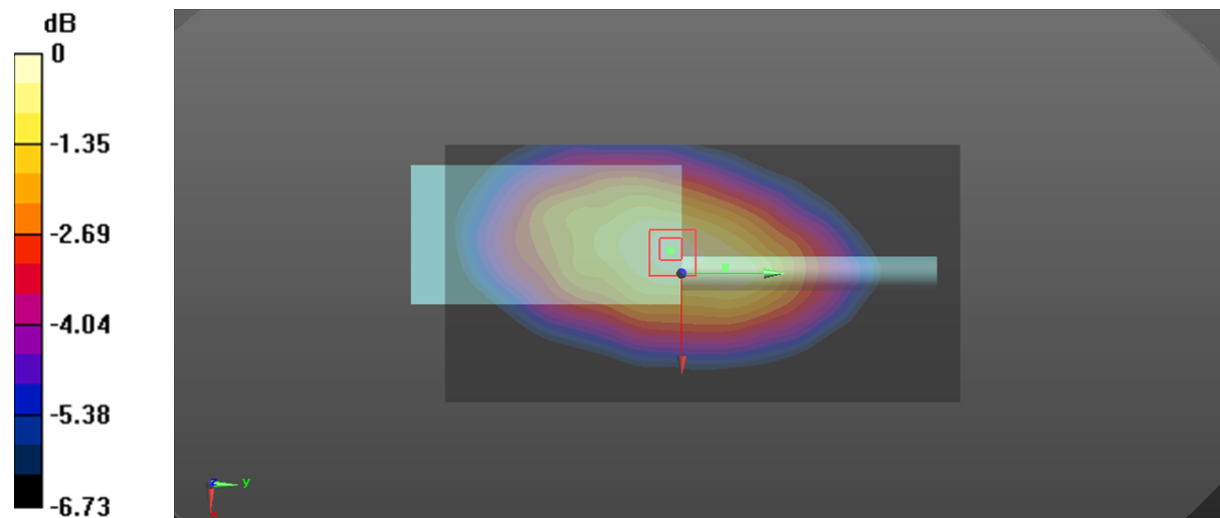
Communication System: 4FSK; Frequency: 502.488 MHz; Duty Cycle: 1:2

Medium parameters used: $f = 502.488 \text{ MHz}$; $\sigma = 0.887 \text{ S/m}$; $\epsilon_r = 43.267$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 502.488 MHz; Calibrated: 2021/12/13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2021/9/1
- Phantom: ELI v8.0; Type: QDOVA002AA; Serial: TP:2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (81x161x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 5.36 W/kg **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 82.29 V/m ; Power Drift = -0.03 dB Peak SAR (extrapolated) = 6.91 W/kg **SAR(1 g) = 5.19 W/kg ; SAR(10 g) = 3.97 W/kg** Maximum value of SAR (measured) = 5.63 W/kg 0 dB = $5.63 \text{ W/kg} = 7.51 \text{ dBW/kg}$

Plot 50#: 502.4875MHz _FM_ 25kHz_ Body Back With Headset _Antenna 2

DUT: TP3350 Two Way Radio; Type: T03-00313-HBAA; Serial: CR21120026-SA-S2

Communication System: FM; Frequency: 502.488 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 502.488 \text{ MHz}$; $\sigma = 0.887 \text{ S/m}$; $\epsilon_r = 43.267$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 502.488 MHz; Calibrated: 2021/12/13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2021/9/1
- Phantom: ELI v8.0; Type: QDOVA002AA; Serial: TP:2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (81x141x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

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

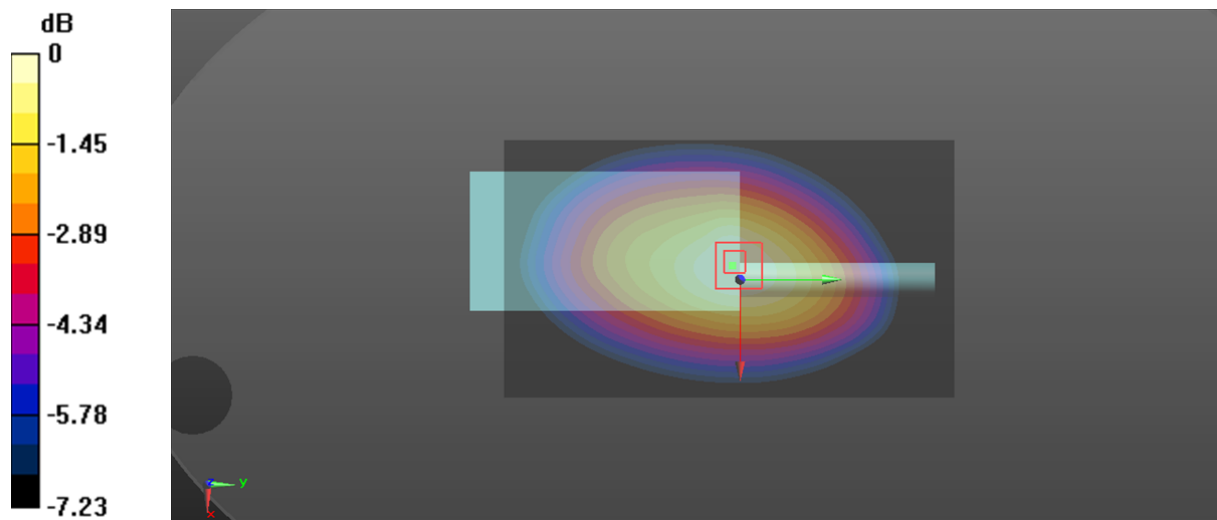
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 113.5 V/m ; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 14.5 W/kg

SAR(1 g) = 9.86 W/kg ; SAR(10 g) = 7.14 W/kg

Maximum value of SAR (measured) = 10.2 W/kg



0 dB = 10.2 W/kg = 10.09 dBW/kg

Plot 51#: 467.5125MHz_FM 12.5kHz_Face Up_Antenna 1

DUT: TP3350 Two Way Radio; Type: T03-00313-HAAA; Serial: CR21120026-SA-S3

Communication System: FM; Frequency: 467.512 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 467.512$ MHz; $\sigma = 0.875$ S/m; $\epsilon_r = 43.486$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 467.512 MHz; Calibrated: 2021/12/13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2021/9/1
- Phantom: ELI v8.0; Type: QDOVA002AA; Serial: TP:2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 6.47 W/kg

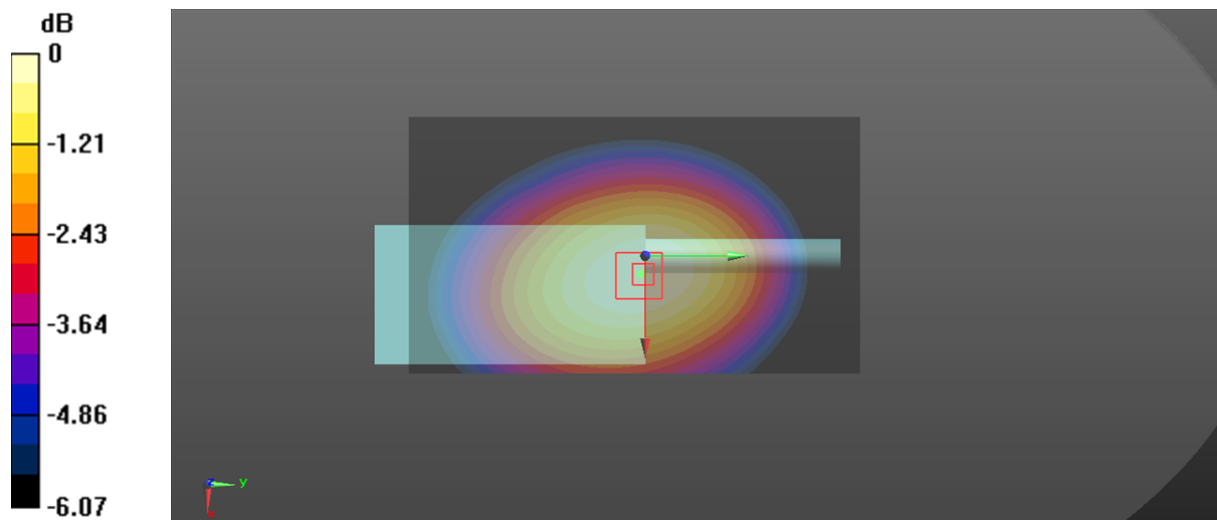
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 89.48 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 7.52 W/kg

SAR(1 g) = 6.1 W/kg; SAR(10 g) = 4.87 W/kg

Maximum value of SAR (measured) = 6.35 W/kg



0 dB = 6.35 W/kg = 8.03 dBW/kg

Plot 52#: 467.5125MHz_FM 25kHz_Face Up_Antenna 1

DUT: TP3350 Two Way Radio; Type: T03-00313-HAAA; Serial: CR21120026-SA-S3

Communication System: FM; Frequency: 467.512 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 467.512$ MHz; $\sigma = 0.875$ S/m; $\epsilon_r = 43.486$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 467.512 MHz; Calibrated: 2021/12/13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2021/9/1
- Phantom: ELI v8.0; Type: QDOVA002AA; Serial: TP:2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 5.55 W/kg

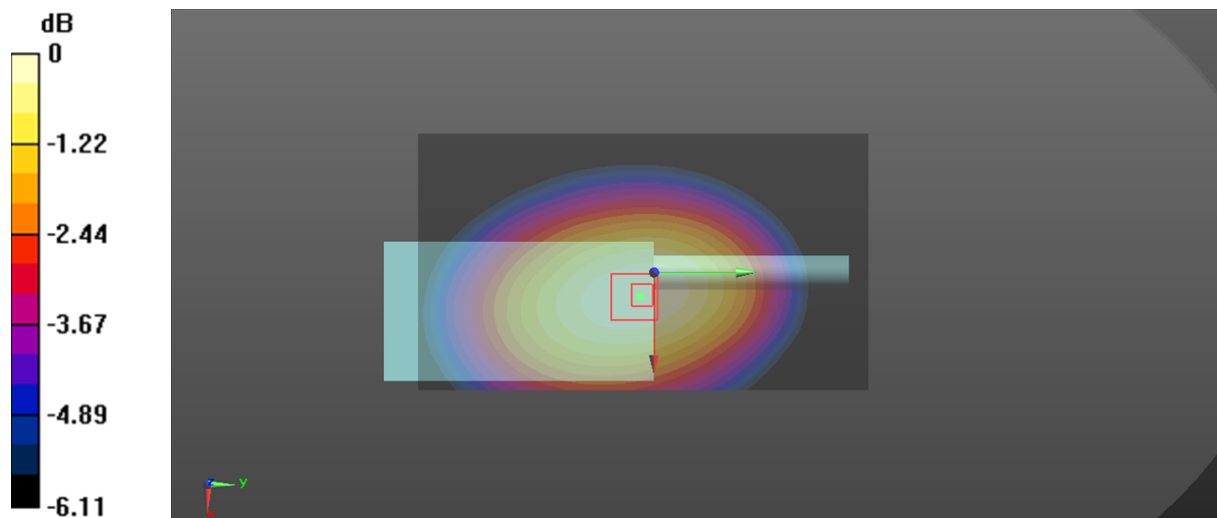
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 80.88 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 6.56 W/kg

SAR(1 g) = 5.27 W/kg; SAR(10 g) = 4.18 W/kg

Maximum value of SAR (measured) = 5.49 W/kg



0 dB = 5.49 W/kg = 7.40 dBW/kg

Plot 53#: 467.5125MHz_4FSK_Face Up_Antenna 1

DUT: TP3350 Two Way Radio; Type: T03-00313-HAAA; Serial: CR21120026-SA-S3

Communication System: 4FSK; Frequency: 467.512 MHz; Duty Cycle: 1:2

Medium parameters used: $f = 467.512$ MHz; $\sigma = 0.875$ S/m; $\epsilon_r = 43.486$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 467.512 MHz; Calibrated: 2021/12/13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2021/9/1
- Phantom: ELI v8.0; Type: QDOVA002AA; Serial: TP:2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 2.17 W/kg

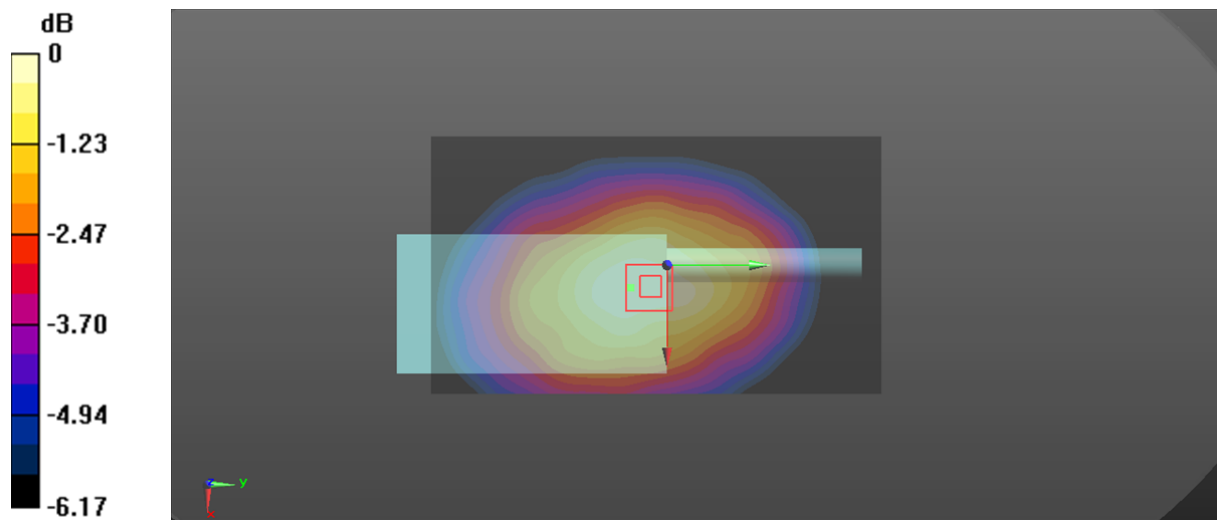
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 50.56 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 2.59 W/kg

SAR(1 g) = 2.08 W/kg; SAR(10 g) = 1.67 W/kg

Maximum value of SAR (measured) = 2.23 W/kg



0 dB = 2.23 W/kg = 3.48 dBW/kg

Plot 54#: 450.0125MHz_FM 12.5kHz_ Body Back_Antenna 1

DUT: TP3350 Two Way Radio; Type: T03-00313-HAAA; Serial: CR21120026-SA-S3

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

Medium parameters used: $f = 450.012$ MHz; $\sigma = 0.869$ S/m; $\epsilon_r = 43.524$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 450.012 MHz; Calibrated: 2021/12/13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2021/9/1
- Phantom: ELI v8.0; Type: QDOVA002AA; Serial: TP:2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 10.6 W/kg

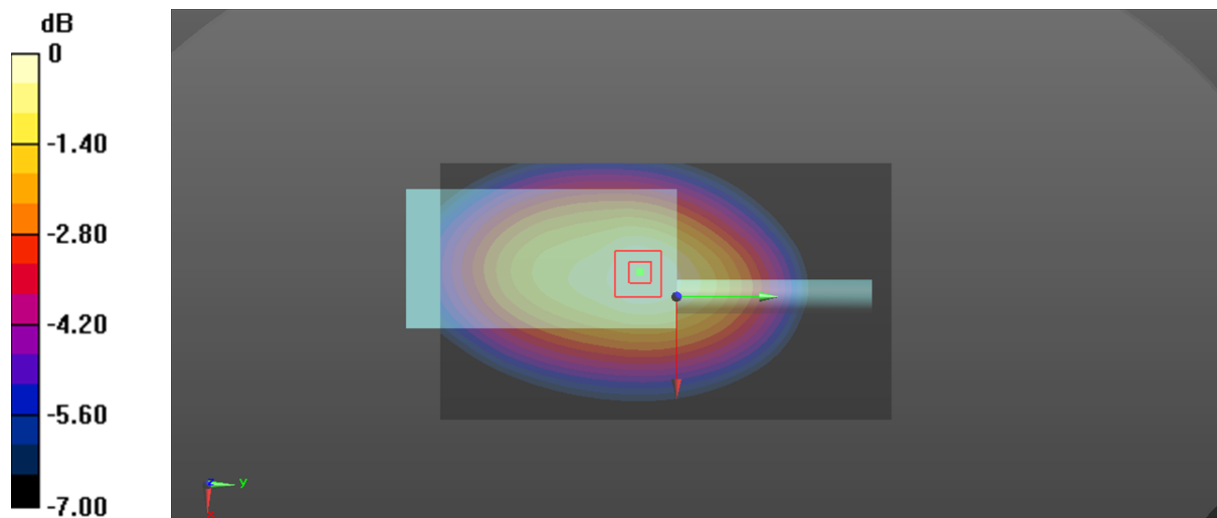
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 107.9 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 12.7 W/kg

SAR(1 g) = 9.78 W/kg; SAR(10 g) = 7.44 W/kg

Maximum value of SAR (measured) = 10.3 W/kg



0 dB = 10.3 W/kg = 10.13 dBW/kg

Plot 55#: 467.5125MHz_FM 12.5kHz_ Body Back_Antenna 1

DUT: TP3350 Two Way Radio; Type: T03-00313-HAAA; Serial: CR21120026-SA-S3

Communication System: FM; Frequency: 467.512 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 467.512$ MHz; $\sigma = 0.875$ S/m; $\epsilon_r = 43.486$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 467.512 MHz; Calibrated: 2021/12/13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2021/9/1
- Phantom: ELI v8.0; Type: QDOVA002AA; Serial: TP:2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 10.7 W/kg

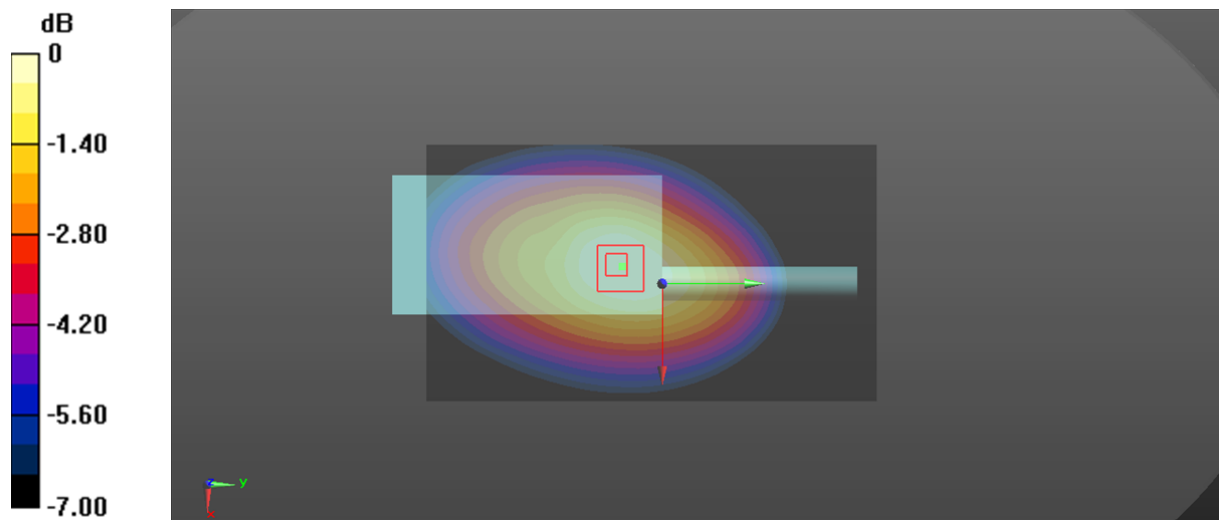
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 112.1 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 12.7 W/kg

SAR(1 g) = 9.78 W/kg; SAR(10 g) = 7.44 W/kg

Maximum value of SAR (measured) = 10.2 W/kg



0 dB = 10.2 W/kg = 10.09 dBW/kg

Plot 56#: 485MHz_FM 12.5kHz_Body Back_Antenna 1

DUT: TP3350 Two Way Radio; Type: T03-00313-HAAA; Serial: CR21120026-SA-S3

Communication System: FM; Frequency: 485 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 485 \text{ MHz}$; $\sigma = 0.882 \text{ S/m}$; $\epsilon_r = 43.365$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 485 MHz; Calibrated: 2021/12/13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2021/9/1
- Phantom: ELI v8.0; Type: QDOVA002AA; Serial: TP:2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (81x141x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 10.1 W/kg

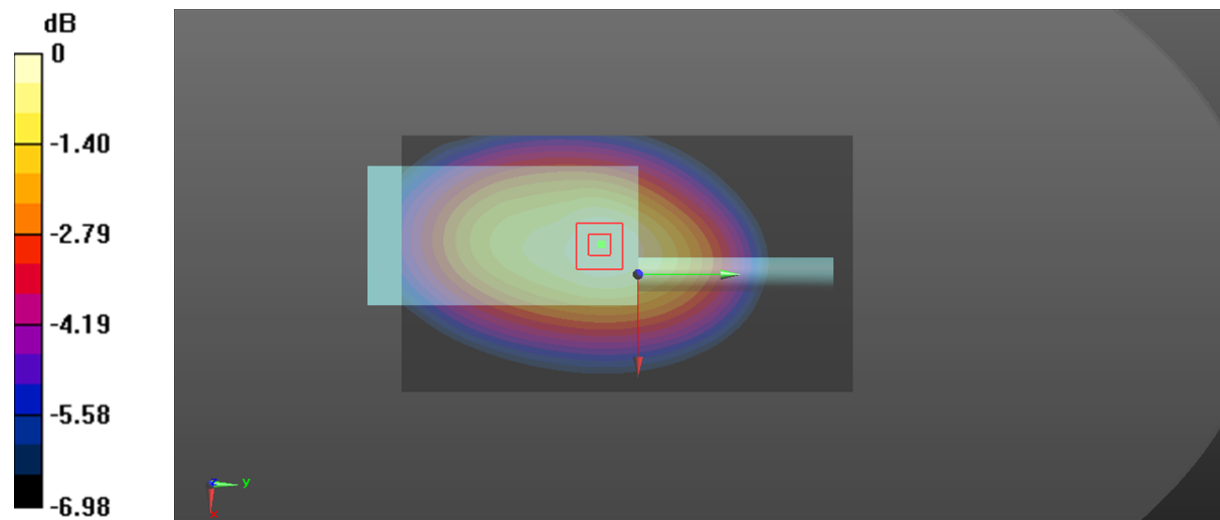
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 102.8 V/m ; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 12.0 W/kg

SAR(1 g) = 9.3 W/kg ; SAR(10 g) = 7.1 W/kg

Maximum value of SAR (measured) = 9.74 W/kg



0 dB = 9.74 W/kg = 9.89 dBW/kg

Plot 57#: 502.4875MHz_FM 12.5kHz_ Body Back_Antenna 1

DUT: TP3350 Two Way Radio; Type: T03-00313-HAAA; Serial: CR21120026-SA-S3

Communication System: FM; Frequency: 502.488 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 502.488$ MHz; $\sigma = 0.887$ S/m; $\epsilon_r = 43.267$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 502.488 MHz; Calibrated: 2021/12/13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2021/9/1
- Phantom: ELI v8.0; Type: QDOVA002AA; Serial: TP:2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 8.64 W/kg

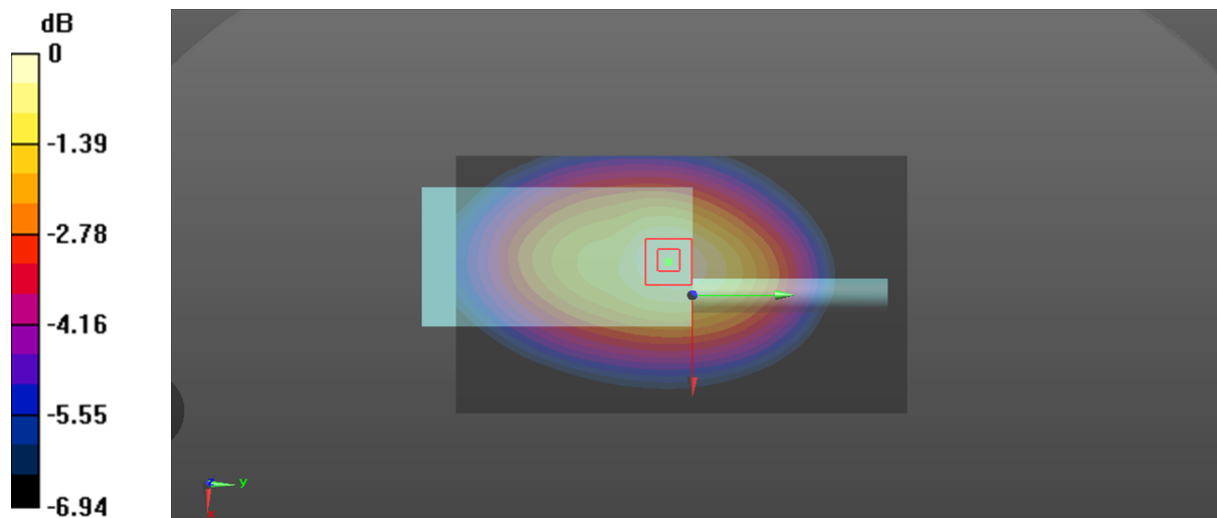
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 95.95 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 10.7 W/kg

SAR(1 g) = 8.26 W/kg; SAR(10 g) = 6.28 W/kg

Maximum value of SAR (measured) = 8.67 W/kg



0 dB = 8.67 W/kg = 9.38 dBW/kg

Plot 58#: 519.9875MHz_FM 12.5kHz_ Body Back_Antenna 1

DUT: TP3350 Two Way Radio; Type: T03-00313-HAAA; Serial: CR21120026-SA-S3

Communication System: FM; Frequency: 519.988 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 519.988 \text{ MHz}$; $\sigma = 0.893 \text{ S/m}$; $\epsilon_r = 43.059$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 519.988 MHz; Calibrated: 2021/12/13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2021/9/1
- Phantom: ELI v8.0; Type: QDOVA002AA; Serial: TP:2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (81x141x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 7.19 W/kg

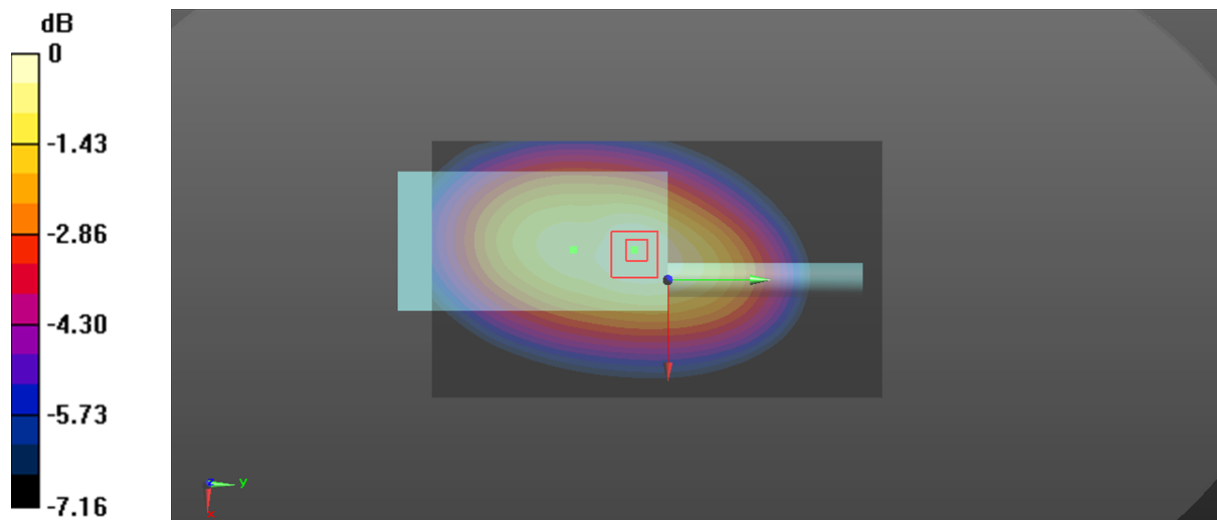
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 89.62 V/m ; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 8.78 W/kg

SAR(1 g) = 6.59 W/kg ; SAR(10 g) = 4.97 W/kg

Maximum value of SAR (measured) = 6.95 W/kg



0 dB = 6.95 W/kg = 8.42 dBW/kg

Plot 59#: 467.5125MHz_FM 25kHz_Body Back_Antenna 1**DUT: TP3350 Two Way Radio; Type: T03-00313-HAAA; Serial: CR21120026-SA-S3**

Communication System: FM; Frequency: 467.512 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 467.512$ MHz; $\sigma = 0.875$ S/m; $\epsilon_r = 43.486$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 467.512 MHz; Calibrated: 2021/12/13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2021/9/1
- Phantom: ELI v8.0; Type: QDOVA002AA; Serial: TP:2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 9.86 W/kg

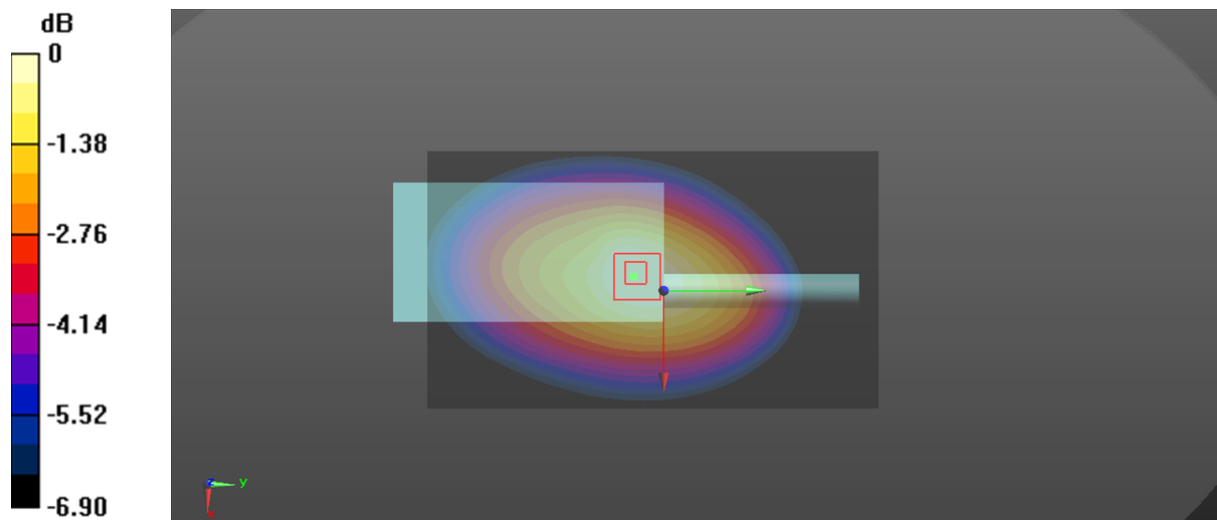
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 110.6 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 12.0 W/kg

SAR(1 g) = 9.18 W/kg; SAR(10 g) = 6.96 W/kg

Maximum value of SAR (measured) = 9.62 W/kg



0 dB = 9.62 W/kg = 9.83 dBW/kg

Plot 60#: 467.5125MHz_4FSK_Body Back_Antenna 1**DUT: TP3350 Two Way Radio; Type: T03-00313-HAAA; Serial: CR21120026-SA-S3**

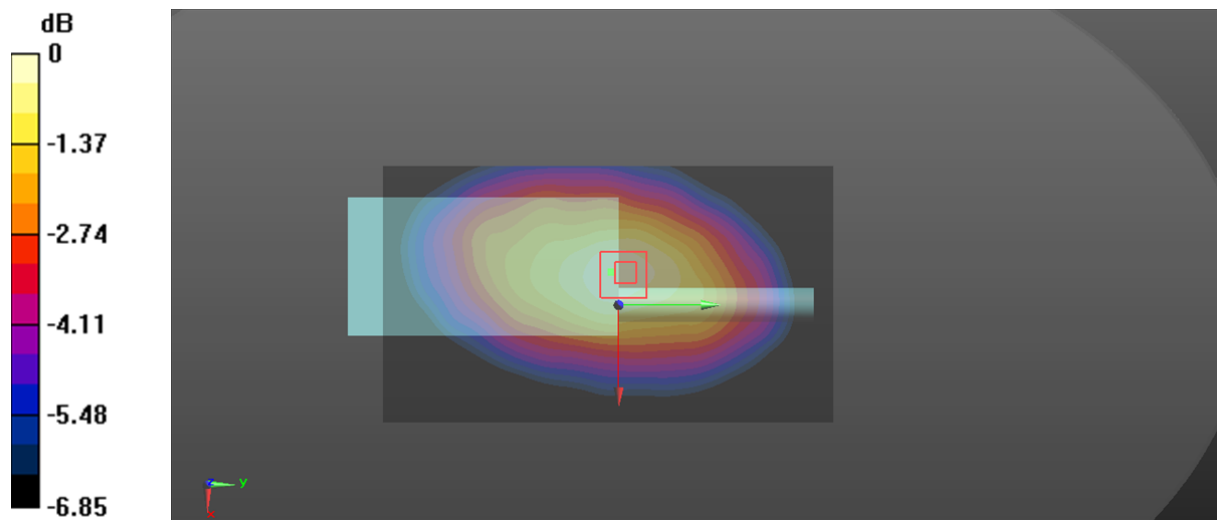
Communication System: 4FSK; Frequency: 467.512 MHz; Duty Cycle: 1:2

Medium parameters used: $f = 467.512 \text{ MHz}$; $\sigma = 0.875 \text{ S/m}$; $\epsilon_r = 43.486$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 467.512 MHz; Calibrated: 2021/12/13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2021/9/1
- Phantom: ELI v8.0; Type: QDOVA002AA; Serial: TP:2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (81x141x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 3.58 W/kg **Zoom Scan (6x6x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 60.67 V/m ; Power Drift = 0.13 dB Peak SAR (extrapolated) = 4.33 W/kg **SAR(1 g) = 3.37 W/kg ; SAR(10 g) = 2.6 W/kg** Maximum value of SAR (measured) = 3.57 W/kg 0 dB = $3.57 \text{ W/kg} = 5.53 \text{ dBW/kg}$

Plot 61#:460.0125MHz_ Body Back With Headset Setup Phot_12.5kHz_Antenna 1**DUT: TP3350 Two Way Radio; Type: T03-00313-HAAA; Serial: CR21120026-SA-S3**

Communication System: FM; Frequency: 467.512 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 467.512$ MHz; $\sigma = 0.875$ S/m; $\epsilon_r = 43.486$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 467.512 MHz; Calibrated: 2021/12/13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2021/9/1
- Phantom: ELI v8.0; Type: QDOVA002AA; Serial: TP:2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 10.8 W/kg

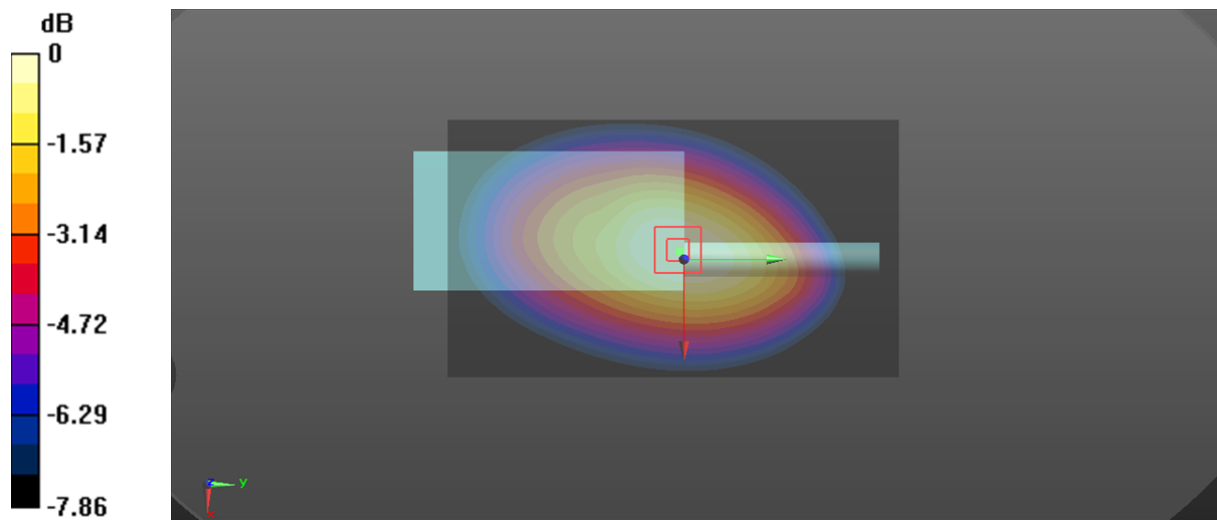
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 117.0 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 15.1 W/kg

SAR(1 g) = 9.31 W/kg; SAR(10 g) = 7.06 W/kg

Maximum value of SAR (measured) = 10.6 W/kg



0 dB = 10.6 W/kg = 10.25 dBW/kg

Plot 62#: 519.9875MHz_FM 12.5kHz_Face Up_Antenna 2

DUT: TP3350 Two Way Radio; Type: T03-00313-HAAA; Serial: CR21120026-SA-S3

Communication System: FM; Frequency: 519.988 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 519.988 \text{ MHz}$; $\sigma = 0.893 \text{ S/m}$; $\epsilon_r = 43.059$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 519.988 MHz; Calibrated: 2021/12/13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2021/9/1
- Phantom: ELI v8.0; Type: QDOVA002AA; Serial: TP:2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (81x161x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 5.54 W/kg

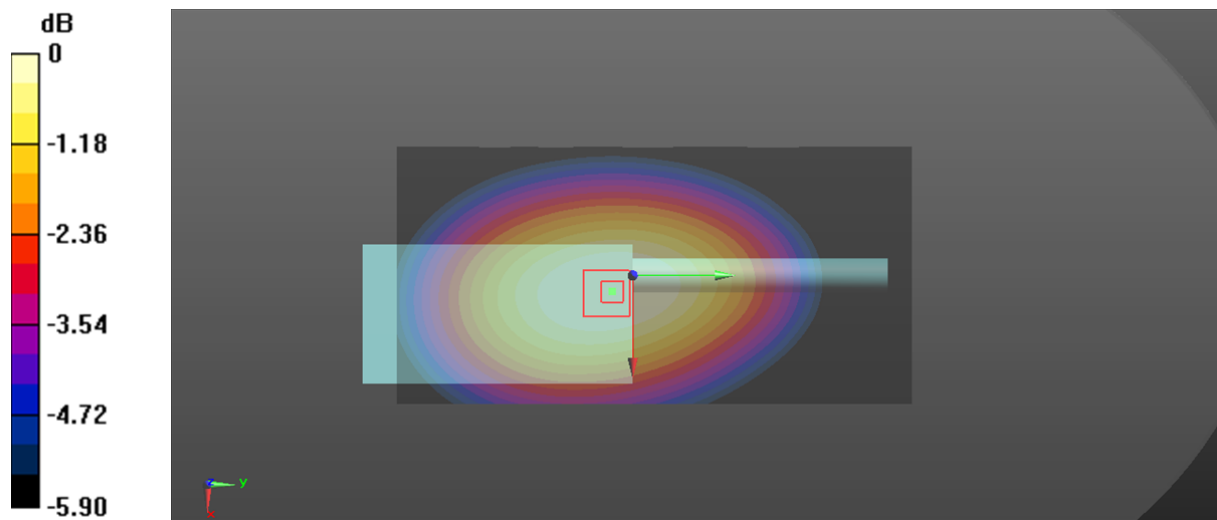
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 83.27 V/m ; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 6.33 W/kg

SAR(1 g) = 5.14 W/kg ; SAR(10 g) = 4.11 W/kg

Maximum value of SAR (measured) = 5.34 W/kg



0 dB = 5.34 W/kg = 7.28 dBW/kg

Plot 63#: 519.9875MHz_FM 25kHz_Face Up_Antenna 2

DUT: TP3350 Two Way Radio; Type: T03-00313-HAAA; Serial: CR21120026-SA-S3

Communication System: FM; Frequency: 519.988 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 519.988 \text{ MHz}$; $\sigma = 0.893 \text{ S/m}$; $\epsilon_r = 43.059$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 519.988 MHz; Calibrated: 2021/12/13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2021/9/1
- Phantom: ELI v8.0; Type: QDOVA002AA; Serial: TP:2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (81x161x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 5.39 W/kg

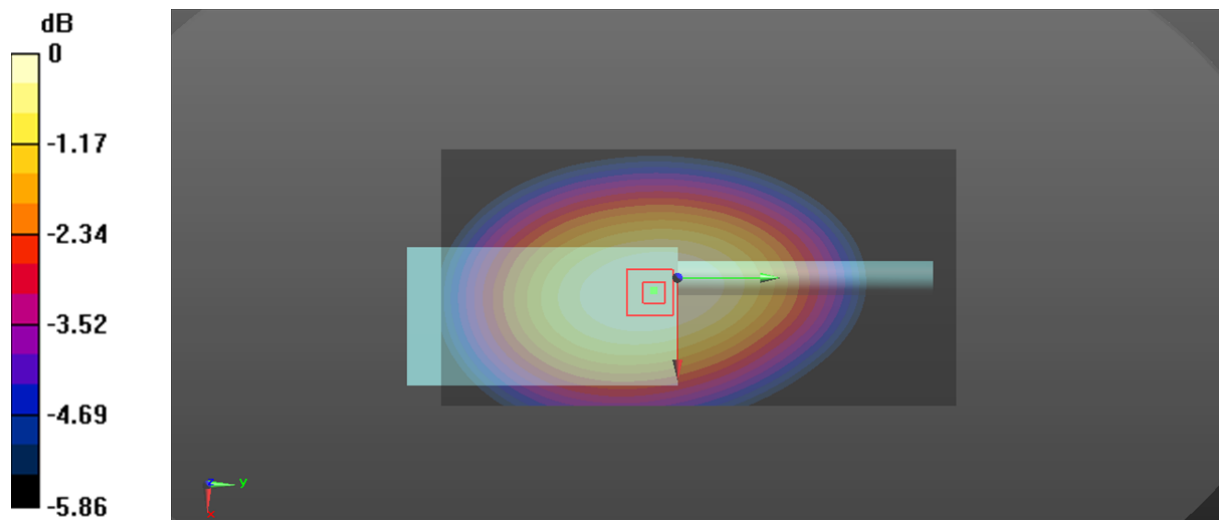
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 81.99 V/m ; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 6.14 W/kg

SAR(1 g) = 5 W/kg ; SAR(10 g) = 4.01 W/kg

Maximum value of SAR (measured) = 5.20 W/kg



0 dB = 5.20 W/kg = 7.16 dBW/kg

Plot 64#: 519.9875MHz_4FSK_Face Up_Antenna 2

DUT: TP3350 Two Way Radio; Type: T03-00313-HAAA; Serial: CR21120026-SA-S3

Communication System: 4FSK; Frequency: 519.988 MHz; Duty Cycle: 1:2

Medium parameters used: $f = 519.988$ MHz; $\sigma = 0.893$ S/m; $\epsilon_r = 43.059$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 519.988 MHz; Calibrated: 2021/12/13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2021/9/1
- Phantom: ELI v8.0; Type: QDOVA002AA; Serial: TP:2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (81x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 2.45 W/kg

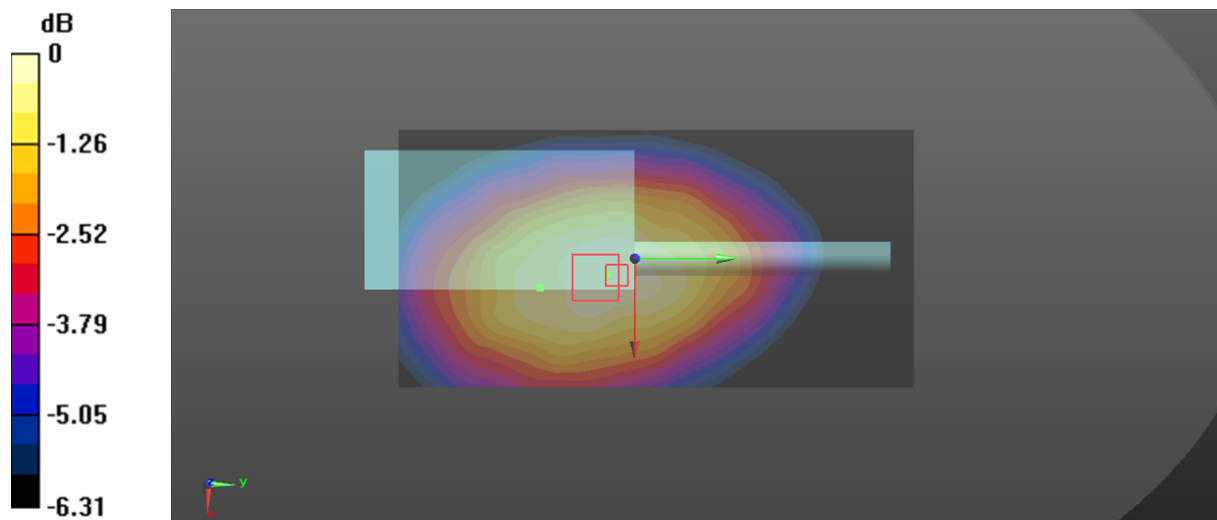
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 52.73 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 2.79 W/kg

SAR(1 g) = 2.22 W/kg; SAR(10 g) = 1.8 W/kg

Maximum value of SAR (measured) = 2.39 W/kg



0 dB = 2.39 W/kg = 3.78 dBW/kg

Plot 65#: 450.0125MHz_FM 12.5kHz_ Body Back_Antenna 2

DUT: TP3350 Two Way Radio; Type: T03-00313-HAAA; Serial: CR21120026-SA-S3

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

Medium parameters used: $f = 450.012$ MHz; $\sigma = 0.869$ S/m; $\epsilon_r = 43.524$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 450.012 MHz; Calibrated: 2021/12/13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2021/9/1
- Phantom: ELI v8.0; Type: QDOVA002AA; Serial: TP:2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (81x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 6.13 W/kg

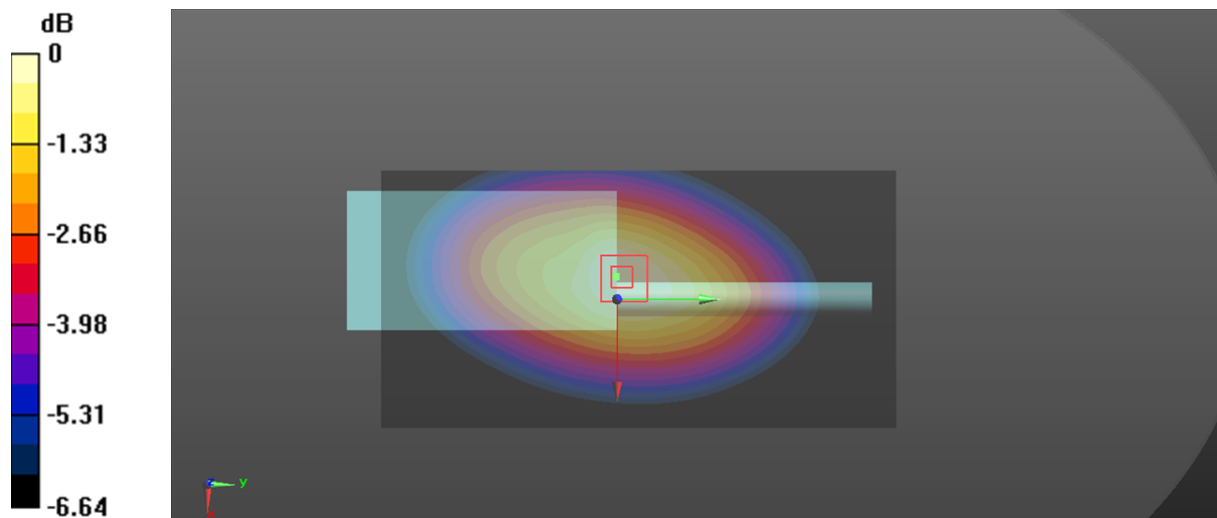
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 80.04 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 7.32 W/kg

SAR(1 g) = 5.72 W/kg; SAR(10 g) = 4.39 W/kg

Maximum value of SAR (measured) = 5.99 W/kg



0 dB = 5.99 W/kg = 7.77 dBW/kg

Plot 66#: 467.5125MHz_FM 12.5kHz_ Body Back_Antenna 2

DUT: TP3350 Two Way Radio; Type: T03-00313-HAAA; Serial: CR21120026-SA-S3

Communication System: FM; Frequency: 467.512 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 467.512 \text{ MHz}$; $\sigma = 0.875 \text{ S/m}$; $\epsilon_r = 43.486$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 467.512 MHz; Calibrated: 2021/12/13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2021/9/1
- Phantom: ELI v8.0; Type: QDOVA002AA; Serial: TP:2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (81x161x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 8.56 W/kg

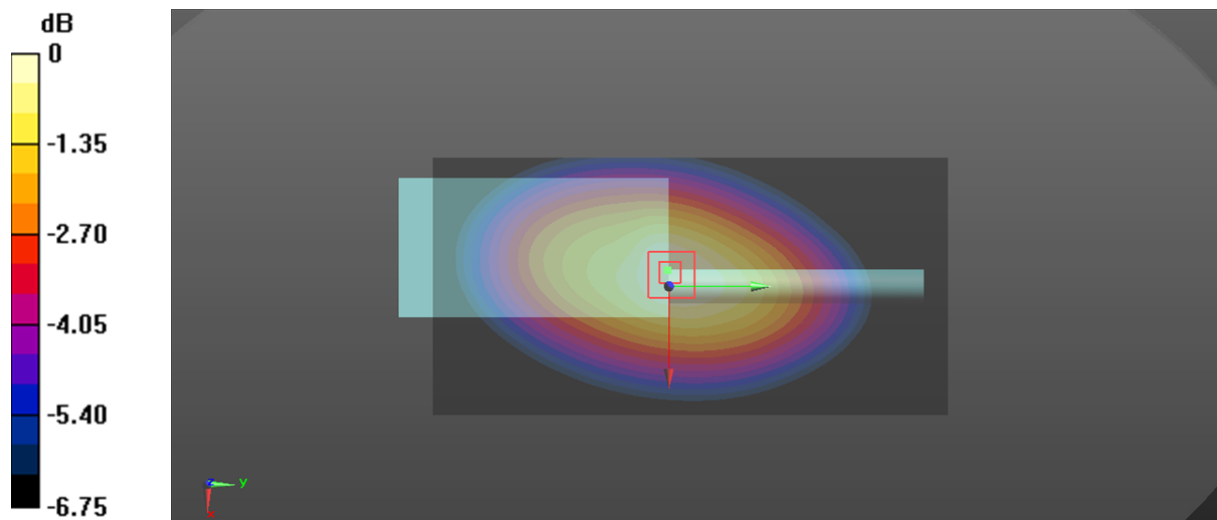
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 95.63 V/m ; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 10.2 W/kg

SAR(1 g) = 7.92 W/kg ; SAR(10 g) = 6.08 W/kg

Maximum value of SAR (measured) = 8.31 W/kg



0 dB = 8.31 W/kg = 9.20 dBW/kg

Plot 67#: 485MHz_FM 12.5kHz_Body Back_Antenna 2

DUT: TP3350 Two Way Radio; Type: T03-00313-HAAA; Serial: CR21120026-SA-S3

Communication System: FM; Frequency: 485 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 485 \text{ MHz}$; $\sigma = 0.882 \text{ S/m}$; $\epsilon_r = 43.365$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 485 MHz; Calibrated: 2021/12/13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2021/9/1
- Phantom: ELI v8.0; Type: QDOVA002AA; Serial: TP:2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (81x161x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 9.09 W/kg

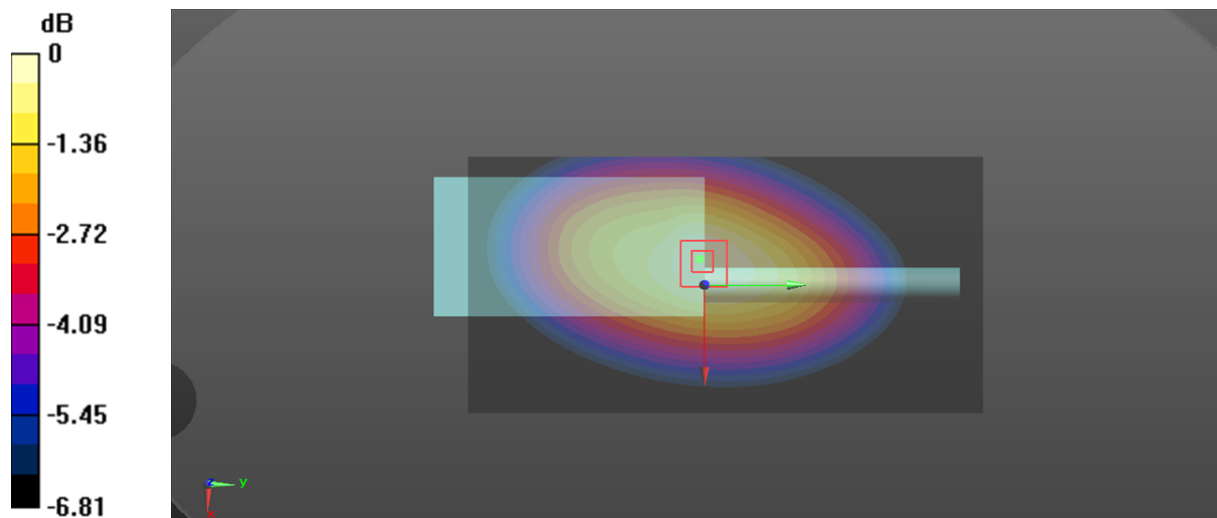
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 105.5 V/m ; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 10.9 W/kg

SAR(1 g) = 8.4 W/kg ; SAR(10 g) = 6.41 W/kg

Maximum value of SAR (measured) = 8.83 W/kg



0 dB = 8.83 W/kg = 9.46 dBW/kg

Plot 68#: 502.4875MHz_FM 12.5kHz_ Body Back_Antenna 2

DUT: TP3350 Two Way Radio; Type: T03-00313-HAAA; Serial: CR21120026-SA-S3

Communication System: FM; Frequency: 502.488 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 502.488$ MHz; $\sigma = 0.887$ S/m; $\epsilon_r = 43.267$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 502.488 MHz; Calibrated: 2021/12/13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2021/9/1
- Phantom: ELI v8.0; Type: QDOVA002AA; Serial: TP:2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (81x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 8.77 W/kg

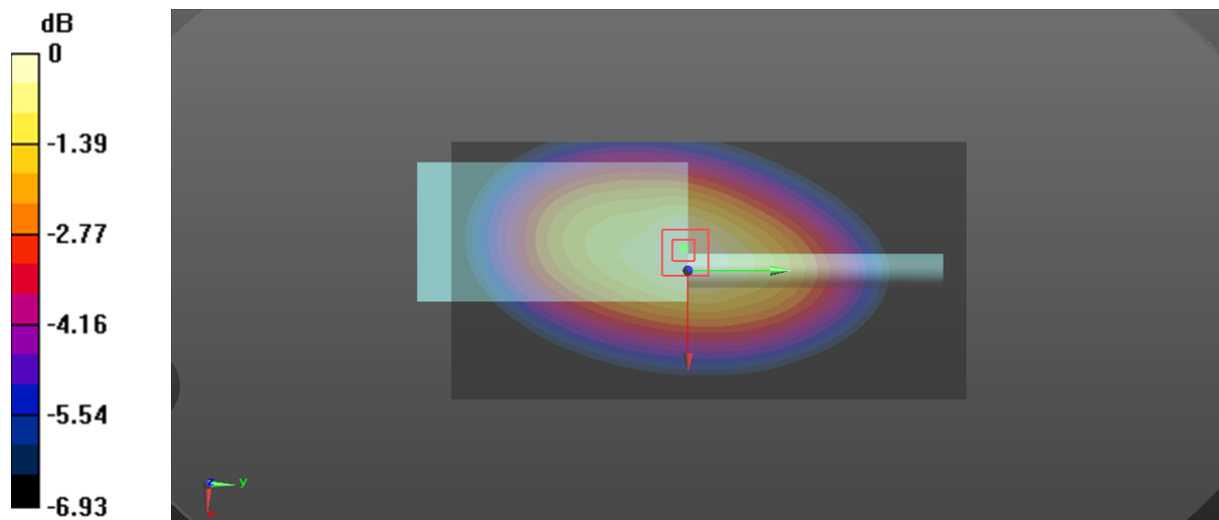
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 99.33 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 10.7 W/kg

SAR(1 g) = 8.19 W/kg; SAR(10 g) = 6.23 W/kg

Maximum value of SAR (measured) = 8.62 W/kg



0 dB = 8.62 W/kg = 9.36 dBW/kg

Plot 69#: 519.9875MHz_FM 12.5kHz_ Body Back_Antenna 2

DUT: TP3350 Two Way Radio; Type: T03-00313-HAAA; Serial: CR21120026-SA-S3

Communication System: FM; Frequency: 519.988 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 519.988 \text{ MHz}$; $\sigma = 0.893 \text{ S/m}$; $\epsilon_r = 43.059$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 519.988 MHz; Calibrated: 2021/12/13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2021/9/1
- Phantom: ELI v8.0; Type: QDOVA002AA; Serial: TP:2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (81x161x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 9.69 W/kg

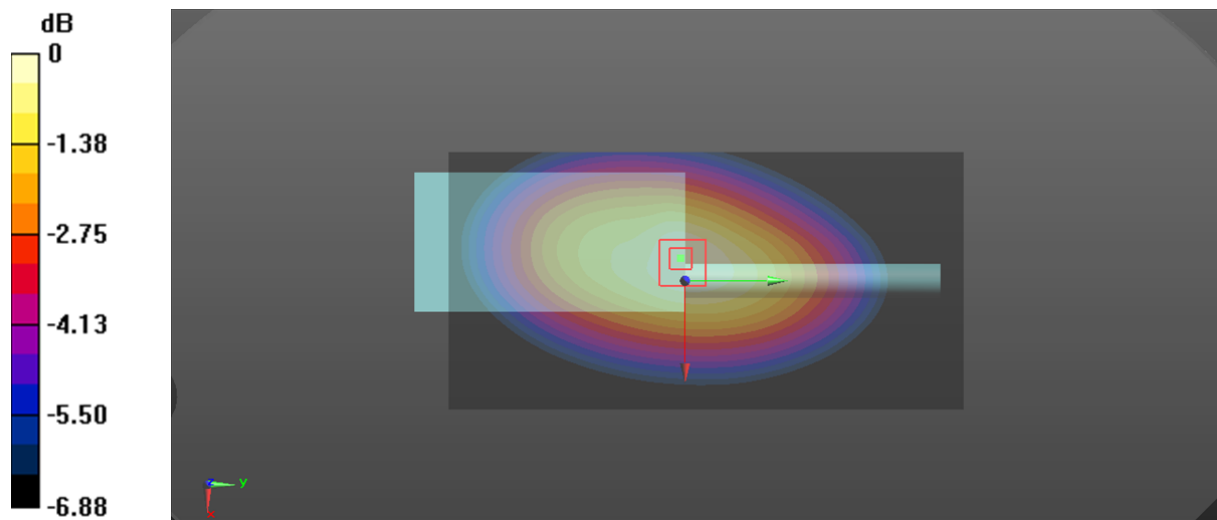
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 96.07 V/m ; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 11.6 W/kg

SAR(1 g) = 8.92 W/kg ; SAR(10 g) = 6.8 W/kg

Maximum value of SAR (measured) = 9.37 W/kg



0 dB = 9.37 W/kg = 9.72 dBW/kg

Plot 70#: 519.9875MHz_FM 25kHz_Body Back_Antenna 2

DUT: TP3350 Two Way Radio; Type: T03-00313-HAAA; Serial: CR21120026-SA-S3

Communication System: FM; Frequency: 519.988 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 519.988 \text{ MHz}$; $\sigma = 0.893 \text{ S/m}$; $\epsilon_r = 43.059$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 519.988 MHz; Calibrated: 2021/12/13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2021/9/1
- Phantom: ELI v8.0; Type: QDOVA002AA; Serial: TP:2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (81x161x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 8.87 W/kg

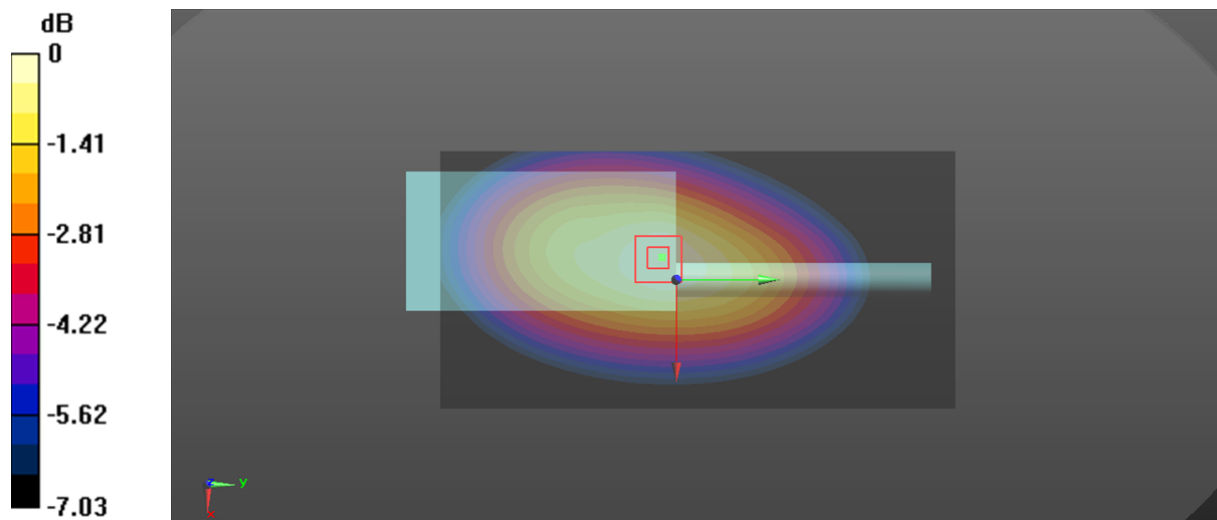
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 103.8 V/m ; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 10.8 W/kg

SAR(1 g) = 8.24 W/kg ; SAR(10 g) = 6.24 W/kg

Maximum value of SAR (measured) = 8.67 W/kg



0 dB = 8.67 W/kg = 9.38 dBW/kg

Plot 71#: 519.9875MHz_4FSK_Body Back_Antenna 2**DUT: TP3350 Two Way Radio; Type: T03-00313-HAAA; Serial: CR21120026-SA-S3**

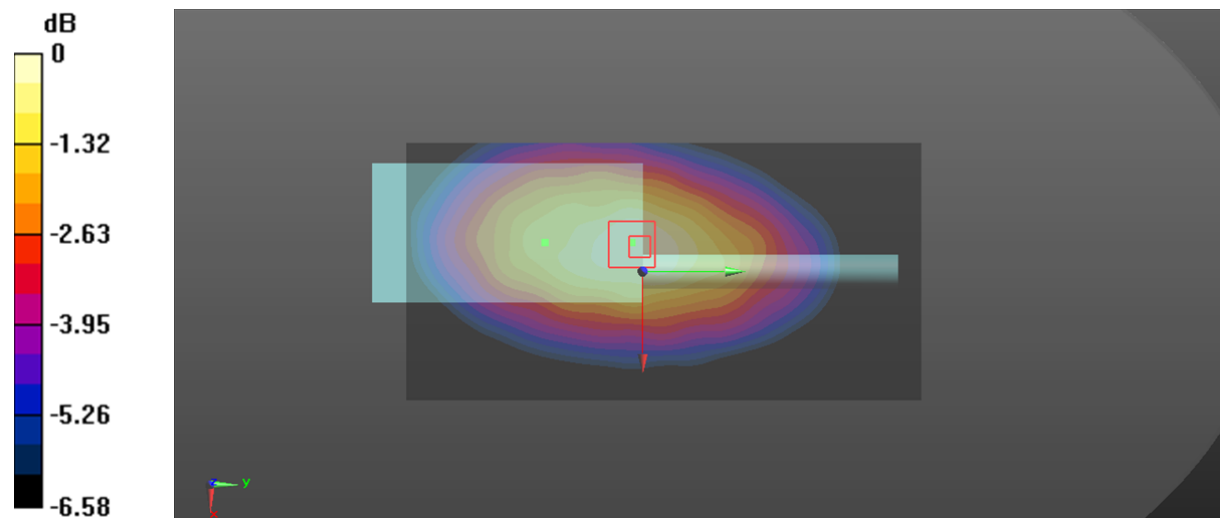
Communication System: 4FSK; Frequency: 519.988 MHz; Duty Cycle: 1:2

Medium parameters used: $f = 519.988 \text{ MHz}$; $\sigma = 0.893 \text{ S/m}$; $\epsilon_r = 43.059$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 519.988 MHz; Calibrated: 2021/12/13
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2021/9/1
- Phantom: ELI v8.0; Type: QDOVA002AA; Serial: TP:2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (81x161x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 4.04 W/kg **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 64.52 V/m ; Power Drift = 0.10 dB Peak SAR (extrapolated) = 4.78 W/kg **SAR(1 g) = 3.61 W/kg ; SAR(10 g) = 2.8 W/kg** Maximum value of SAR (measured) = 3.83 W/kg 0 dB = 3.83 W/kg = 5.83 dBW/kg