

Plot 1#: FM 12.5kHz_136.0125MHz_Face Up_Antenna 1**DUT: Two Way Radio; Type: T03-00313-BCDA; Serial: CR22030025-SA-S1**

Communication System: FM; Frequency: 136.012 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 136.012$ MHz; $\sigma = 0.741$ S/m; $\epsilon_r = 53.455$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.69, 7.69, 7.69) @ 136.012 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) = 0.234 W/kg

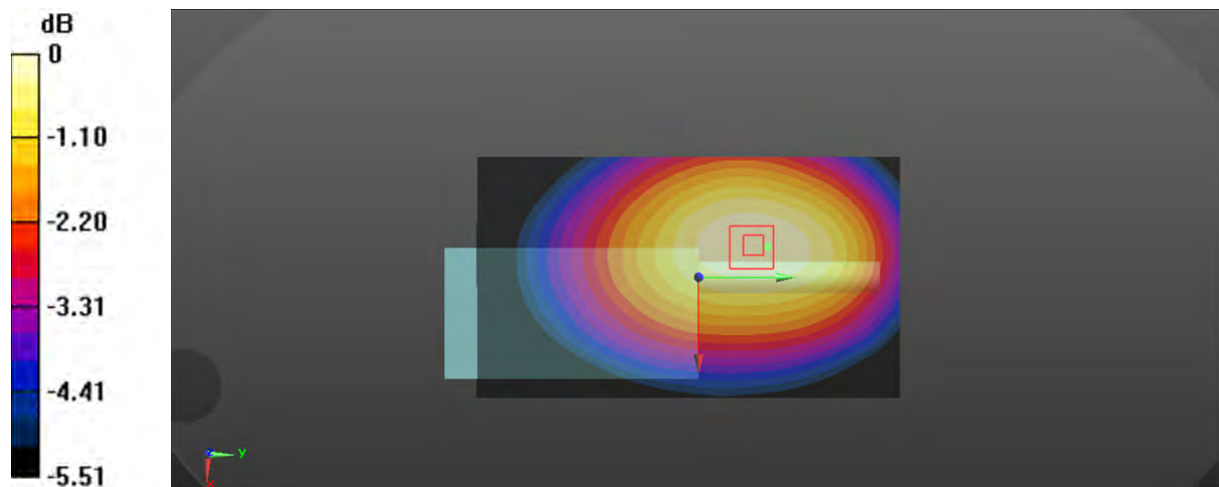
Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.29 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.284 W/kg

SAR(1 g) = 0.227 W/kg; SAR(10 g) = 0.183 W/kg

Maximum value of SAR (measured) = 0.235 W/kg



0 dB = 0.235 W/kg = -6.29 dBW/kg

Plot 2#: FM 12.5kHz_144.0125MHz_Face Up_Antenna 2**DUT: Two Way Radio; Type: T03-00313-BCDA; Serial: CR22030025-SA-S1**

Communication System: FM; Frequency: 144.012 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 144.012$ MHz; $\sigma = 0.753$ S/m; $\epsilon_r = 52.841$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.69, 7.69, 7.69) @ 144.012 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) = 0.456 W/kg

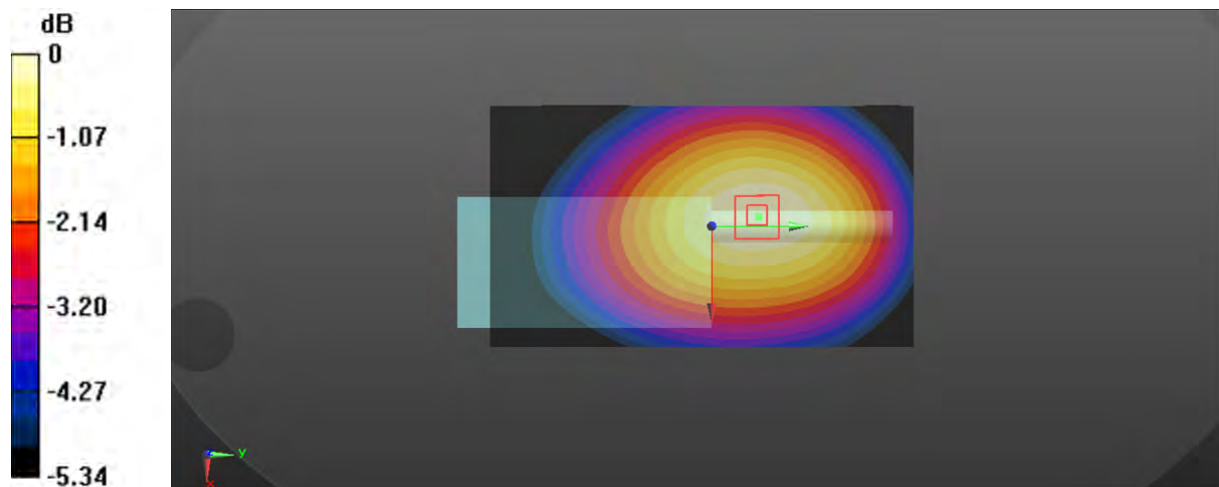
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.73 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.551 W/kg

SAR(1 g) = 0.438 W/kg; SAR(10 g) = 0.353 W/kg

Maximum value of SAR (measured) = 0.455 W/kg



0 dB = 0.455 W/kg = -3.42 dBW/kg

Plot 3#: FM 12.5kHz_153.0125MHz_Face Up_Antenna 3**DUT: Two Way Radio; Type: T03-00313-BCDA; Serial: CR22030025-SA-S1**

Communication System: FM; Frequency: 153.012 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 153.012$ MHz; $\sigma = 0.773$ S/m; $\epsilon_r = 52.681$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.69, 7.69, 7.69) @ 153.012 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) = 0.447 W/kg

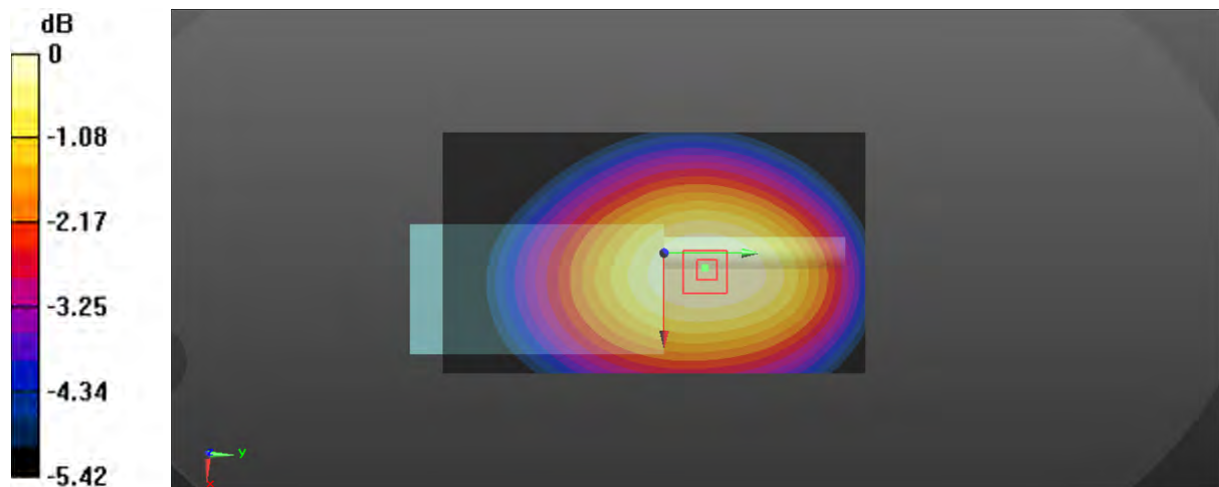
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.23 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.538 W/kg

SAR(1 g) = 0.424 W/kg; SAR(10 g) = 0.341 W/kg

Maximum value of SAR (measured) = 0.439 W/kg



0 dB = 0.439 W/kg = -3.58 dBW/kg

Plot 4#: FM 12.5kHz_163.0125MHz_Face Up_Antenna 4**DUT: Two Way Radio; Type: T03-00313-BCDA; Serial: CR22030025-SA-S1**

Communication System: FM; Frequency: 163.012 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 163.012$ MHz; $\sigma = 0.786$ S/m; $\epsilon_r = 52.089$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.69, 7.69, 7.69) @ 163.012 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) = 0.552 W/kg

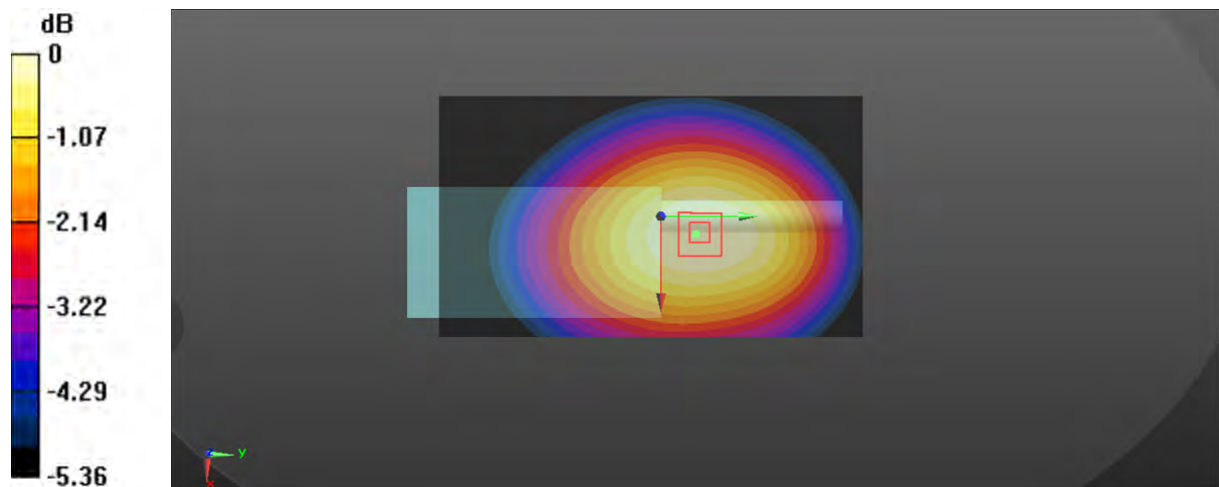
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.62 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.662 W/kg

SAR(1 g) = 0.523 W/kg; SAR(10 g) = 0.420 W/kg

Maximum value of SAR (measured) = 0.542 W/kg



0 dB = 0.542 W/kg = -2.66 dBW/kg

Plot 5#: FM 25kHz_136.0125MHz_Face Up_Antenna 1**DUT: Two Way Radio; Type: T03-00313-BCDA; Serial: CR22030025-SA-S1**

Communication System: FM; Frequency: 136.012 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 136.012$ MHz; $\sigma = 0.741$ S/m; $\epsilon_r = 53.455$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.69, 7.69, 7.69) @ 136.012 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) = 0.274 W/kg

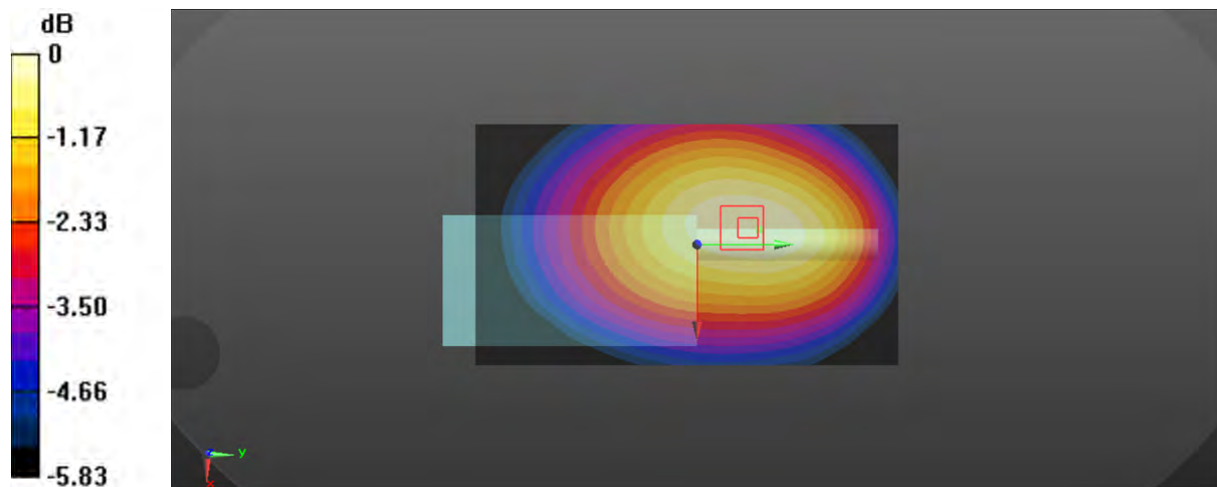
Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.42 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.337 W/kg

SAR(1 g) = 0.265 W/kg; SAR(10 g) = 0.212 W/kg

Maximum value of SAR (measured) = 0.276 W/kg



0 dB = 0.276 W/kg = -5.59 dBW/kg

Plot 6#: FM 25kHz_144.012 MHz_Face Up_Antenna 2**DUT: Two Way Radio; Type: T03-00313-BCDA; Serial: CR22030025-SA-S1**

Communication System: FM; Frequency: 144.012 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 144.012$ MHz; $\sigma = 0.753$ S/m; $\epsilon_r = 52.841$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.69, 7.69, 7.69) @ 144.012 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) = 0.528 W/kg

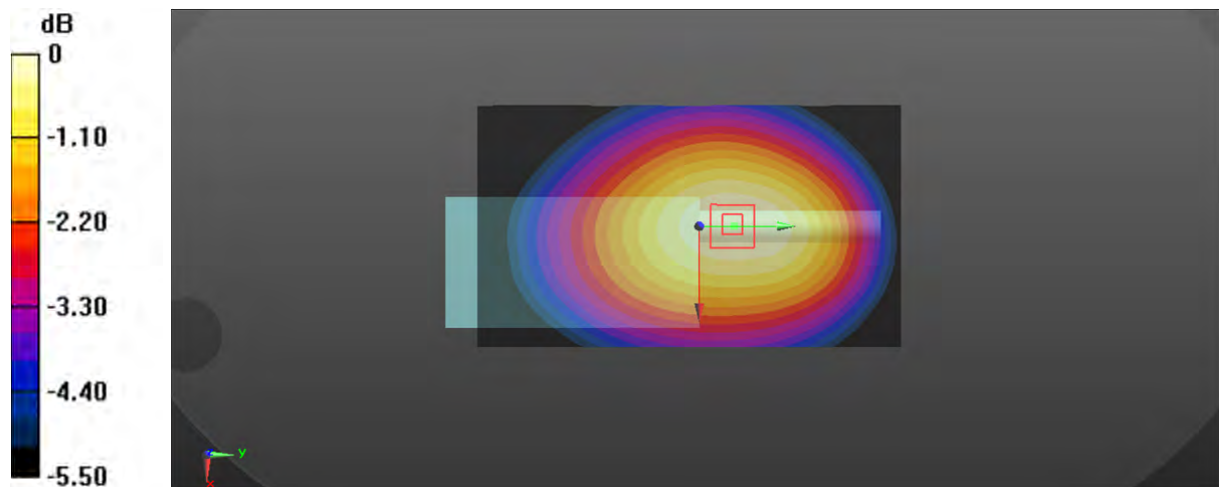
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.04 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.640 W/kg

SAR(1 g) = 0.505 W/kg; SAR(10 g) = 0.405 W/kg

Maximum value of SAR (measured) = 0.524 W/kg



0 dB = 0.524 W/kg = -2.81 dBW/kg

Plot 7#: FM 25kHz_153.0125MHz_Face Up_Antenna 3**DUT: Two Way Radio; Type: T03-00313-BCDA; Serial: CR22030025-SA-S1**

Communication System: FM; Frequency: 153.012 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 153.012$ MHz; $\sigma = 0.773$ S/m; $\epsilon_r = 52.681$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.69, 7.69, 7.69) @ 153.012 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) = 0.609 W/kg

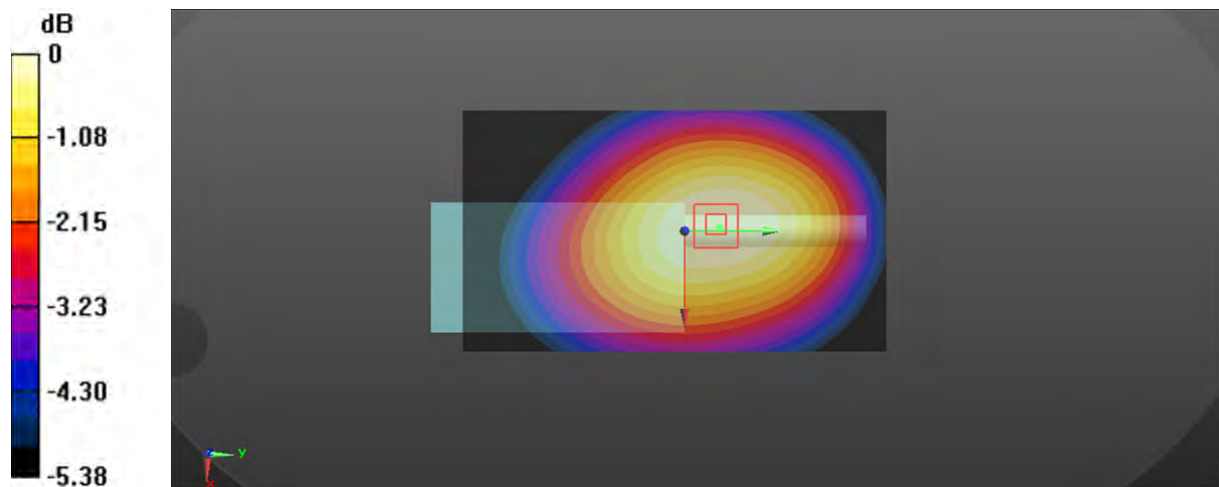
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.95 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.723 W/kg

SAR(1 g) = 0.569 W/kg; SAR(10 g) = 0.456 W/kg

Maximum value of SAR (measured) = 0.589 W/kg



0 dB = 0.589 W/kg = -2.30 dBW/kg

Plot 8#: FM 25kHz_163.012MHz_Face Up_Antenna 4**DUT: Two Way Radio; Type: T03-00313-BCDA; Serial: CR22030025-SA-S1**

Communication System: FM; Frequency: 163.012 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 163.012$ MHz; $\sigma = 0.786$ S/m; $\epsilon_r = 52.089$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.69, 7.69, 7.69) @ 163.012 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) = 0.580 W/kg

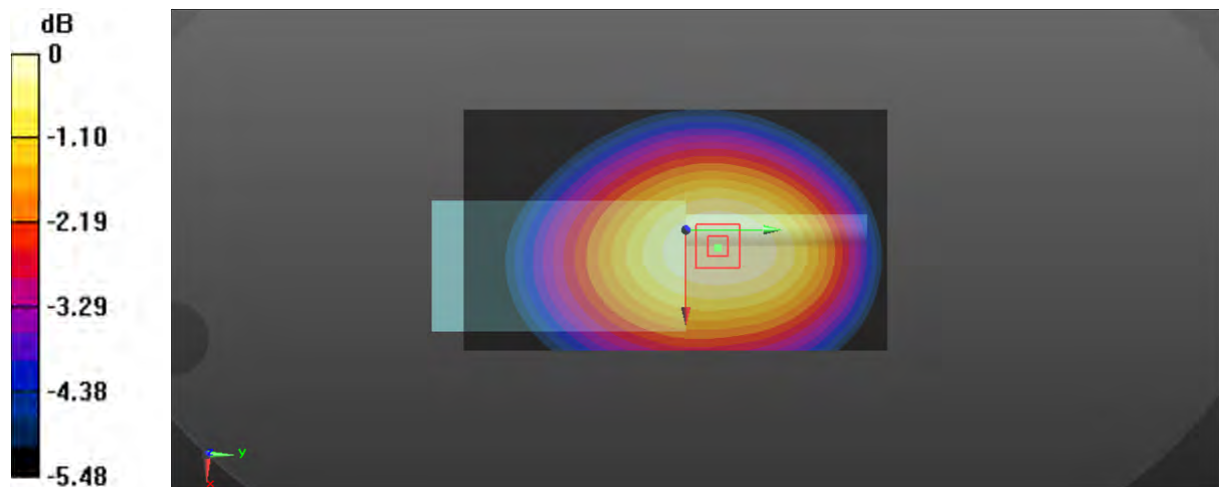
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.25 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.696 W/kg

SAR(1 g) = 0.548 W/kg; SAR(10 g) = 0.439 W/kg

Maximum value of SAR (measured) = 0.568 W/kg



0 dB = 0.568 W/kg = -2.46 dBW/kg

Plot 9#: 4FSK 12.5kHz_136.0125MHz_Face Up_Antenna 1**DUT: Two Way Radio; Type: T03-00313-BCDA; Serial: CR22030025-SA-S1**

Communication System: 4FSK; Frequency: 136.012 MHz; Duty Cycle: 1:2

Medium parameters used: $f = 136.012$ MHz; $\sigma = 0.741$ S/m; $\epsilon_r = 53.455$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.69, 7.69, 7.69) @ 136.012 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) = 0.183 W/kg

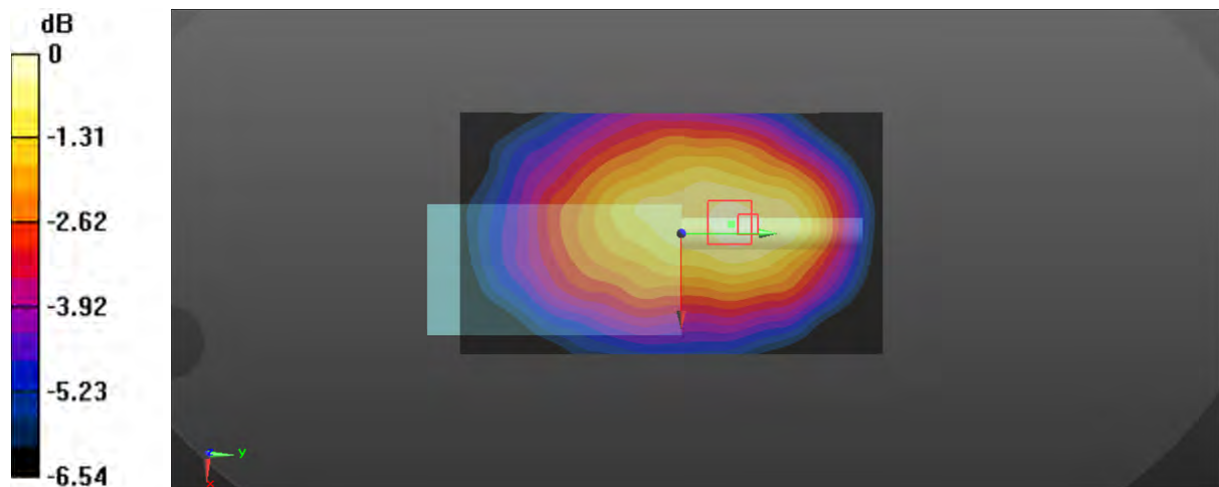
/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 15.30 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.253 W/kg

SAR(1 g) = 0.180 W/kg; SAR(10 g) = 0.139 W/kg

Maximum value of SAR (measured) = 0.192 W/kg



0 dB = 0.192 W/kg = -7.17 dBW/kg

Plot 10#: 4FSK 12.5kHz_144.0125MHz_Face Up_Antenna 2**DUT: Two Way Radio; Type: T03-00313-BCDA; Serial: CR22030025-SA-S1**

Communication System: 4FSK; Frequency: 144.012 MHz; Duty Cycle: 1:2

Medium parameters used: $f = 144.012$ MHz; $\sigma = 0.753$ S/m; $\epsilon_r = 52.841$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.69, 7.69, 7.69) @ 144.012 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) = 0.335 W/kg

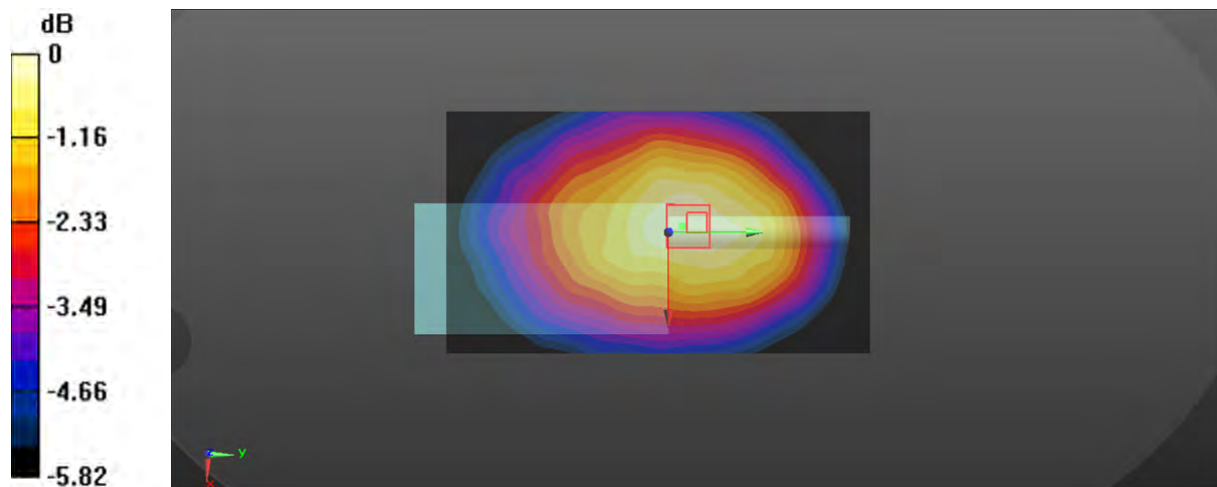
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.22 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.413 W/kg

SAR(1 g) = 0.309 W/kg; SAR(10 g) = 0.245 W/kg

Maximum value of SAR (measured) = 0.326 W/kg



0 dB = 0.326 W/kg = -4.87 dBW/kg

Plot 11#:4FSK 12.5kHz_153.0125MHz_Face Up_Antenna 3**DUT: Two Way Radio; Type: T03-00313-BCDA; Serial: CR22030025-SA-S1**

Communication System: 4FSK; Frequency: 153.012 MHz;Duty Cycle: 1:2

Medium parameters used: $f = 153.012$ MHz; $\sigma = 0.773$ S/m; $\epsilon_r = 52.681$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.69, 7.69, 7.69) @ 153.012 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) = 0.336 W/kg

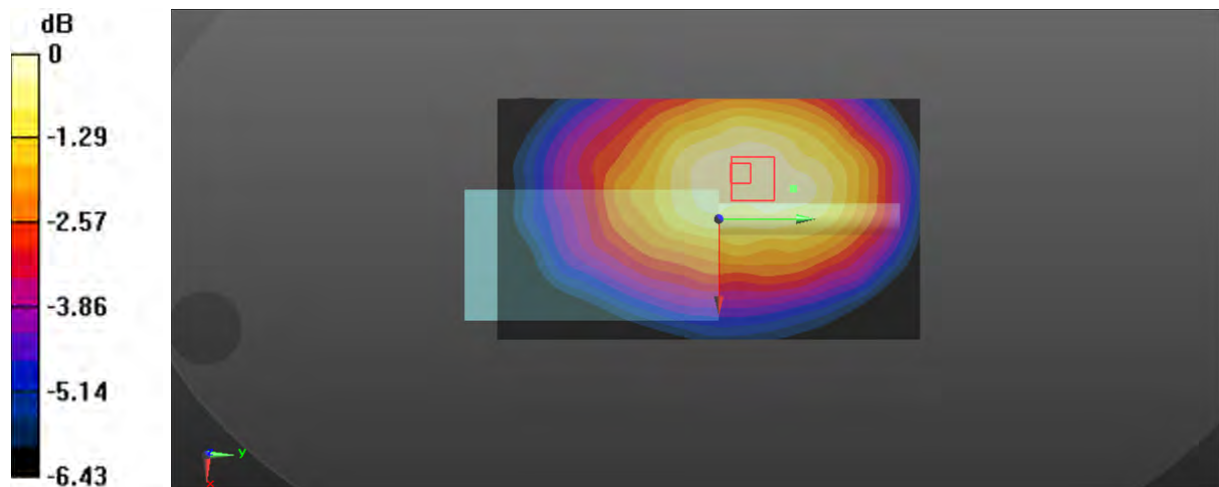
Zoom Scan (6x7x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.97 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.432 W/kg

SAR(1 g) = 0.322 W/kg; SAR(10 g) = 0.257 W/kg

Maximum value of SAR (measured) = 0.342 W/kg



0 dB = 0.342 W/kg = -4.66 dBW/kg

Plot 12#: 4FSK 12.5kHz_163.0125MHz_Face Up_Antenna 4**DUT: Two Way Radio; Type: T03-00313-BCDA; Serial: CR22030025-SA-S1**

Communication System: 4FSK; Frequency: 163.012 MHz; Duty Cycle: 1:2

Medium parameters used: $f = 163.012$ MHz; $\sigma = 0.786$ S/m; $\epsilon_r = 52.089$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.69, 7.69, 7.69) @ 163.012 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) = 0.394 W/kg

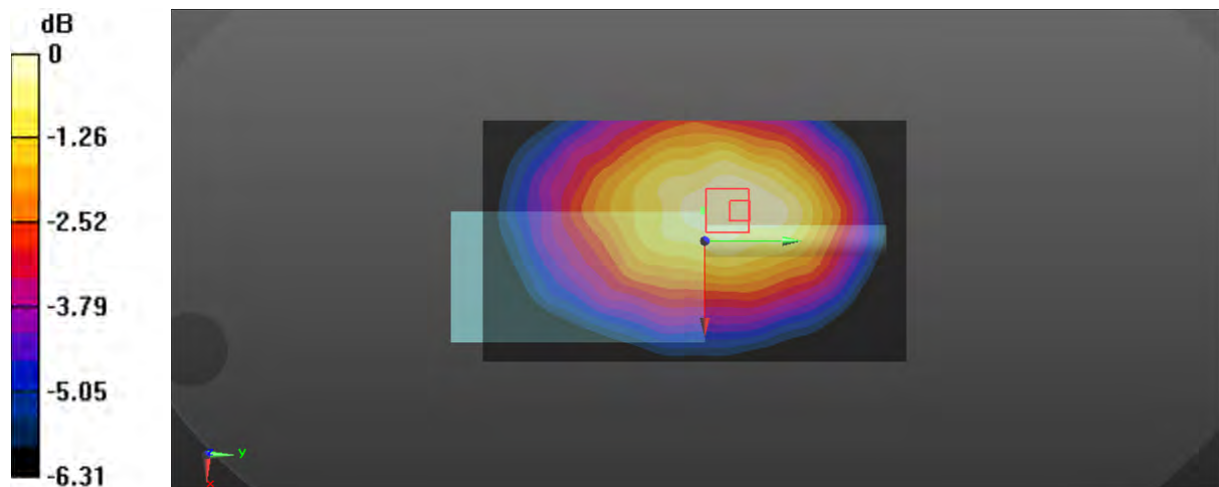
Zoom Scan (5x7x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.92 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.506 W/kg

SAR(1 g) = 0.375 W/kg; SAR(10 g) = 0.294 W/kg

Maximum value of SAR (measured) = 0.401 W/kg



0 dB = 0.401 W/kg = -3.97 dBW/kg

Plot 13#: FM 12.5kHz_136.0125MHz_Body Back_Antenna 1**DUT: Two Way Radio; Type: T03-00313-BCDA; Serial: CR22030025-SA-S1**

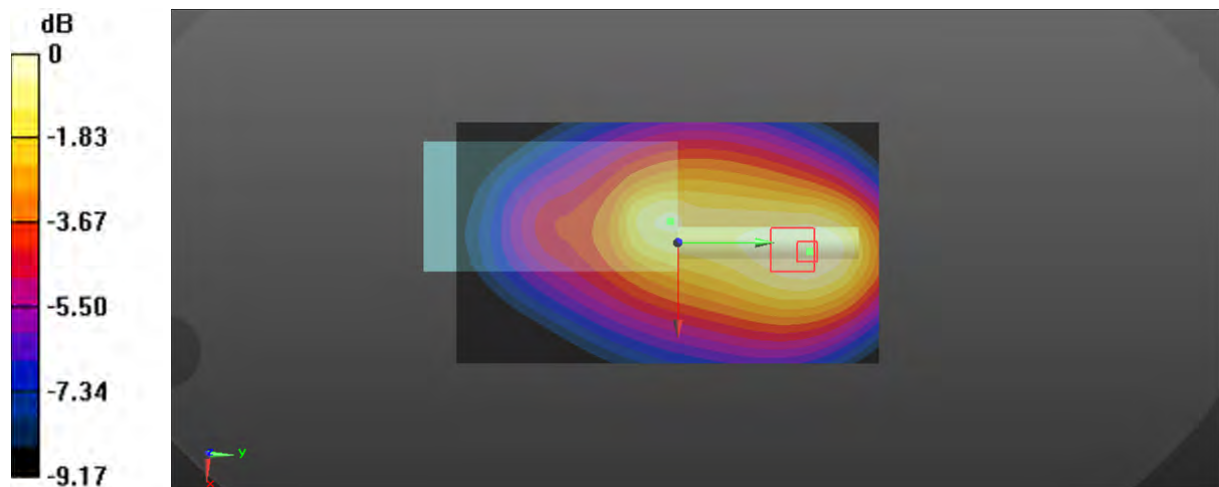
Communication System: FM; Frequency: 136.012 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 136.012 \text{ MHz}$; $\sigma = 0.785 \text{ S/m}$; $\epsilon_r = 63.466$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.51, 7.51, 7.51) @ 136.012 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: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 1.93 W/kg **Zoom Scan (5x6x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 45.89 V/m ; Power Drift = -0.10 dB Peak SAR (extrapolated) = 2.81 W/kg **SAR(1 g) = 1.81 W/kg ; SAR(10 g) = 1.28 W/kg** Maximum value of SAR (measured) = 1.90 W/kg 0 dB = $1.90 \text{ W/kg} = 2.79 \text{ dBW/kg}$

Plot 14#: FM 12.5kHz_140MHz_Body Back_Antenna 1**DUT: Two Way Radio; Type: T03-00313-BCDA; Serial: CR22030025-SA-S1**

Communication System: FM; Frequency: 140 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 140$ MHz; $\sigma = 0.789$ S/m; $\epsilon_r = 63.256$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.51, 7.51, 7.51) @ 140 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) = 1.14 W/kg

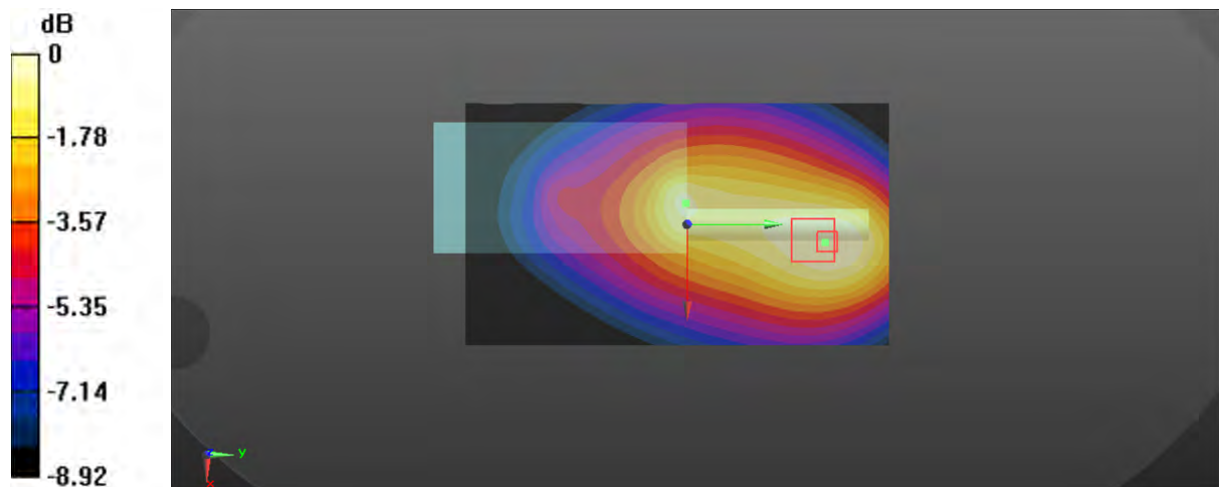
Zoom Scan (6x7x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 33.70 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 1.65 W/kg

SAR(1 g) = 1.07 W/kg; SAR(10 g) = 0.768 W/kg

Maximum value of SAR (measured) = 1.13 W/kg



0 dB = 1.13 W/kg = 0.53 dBW/kg

Plot 15#: FM 12.5kHz_144.9875MHz_Body Back_Antenna 1**DUT: Two Way Radio; Type: T03-00313-BCDA; Serial: CR22030025-SA-S1**

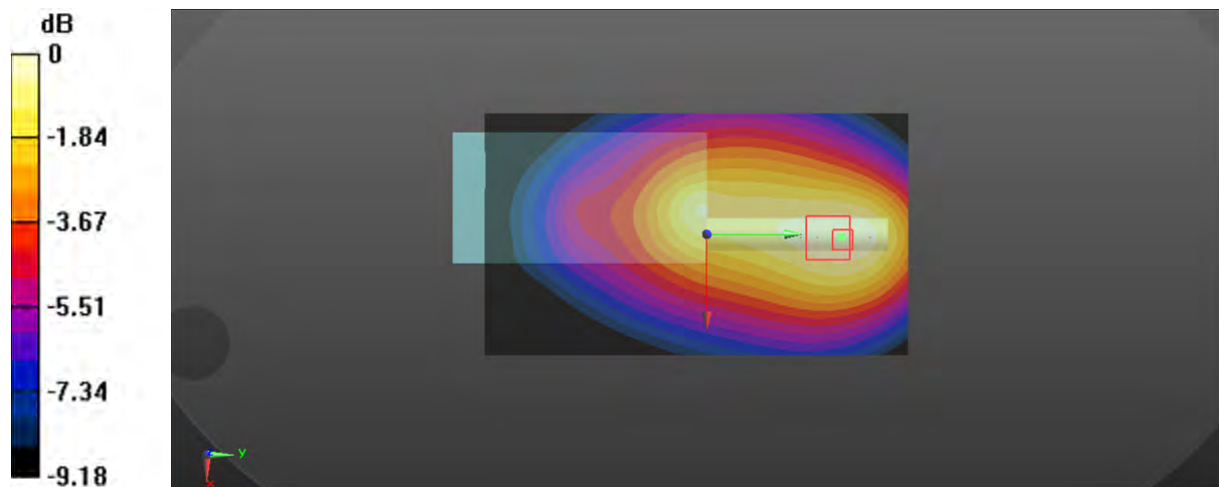
Communication System: FM; Frequency: 144.988 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 144.988 \text{ MHz}$; $\sigma = 0.796 \text{ S/m}$; $\epsilon_r = 62.714$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.51, 7.51, 7.51) @ 144.988 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) = 0.479 W/kg **Zoom Scan (6x6x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 20.80 V/m ; Power Drift = 0.18 dB Peak SAR (extrapolated) = 0.705 W/kg **SAR(1 g) = 0.455 W/kg ; SAR(10 g) = 0.326 W/kg** Maximum value of SAR (measured) = 0.477 W/kg 0 dB = 0.477 W/kg = -3.21 dBW/kg

Plot 16#: FM 12.5kHz_144.0125MHz_Body Back_Antenna 2**DUT: Two Way Radio; Type: T03-00313-BCDA; Serial: CR22030025-SA-S1**

Communication System: FM; Frequency: 144.012 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 144.012$ MHz; $\sigma = 0.792$ S/m; $\epsilon_r = 63.107$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.51, 7.51, 7.51) @ 144.012 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) = 1.44 W/kg

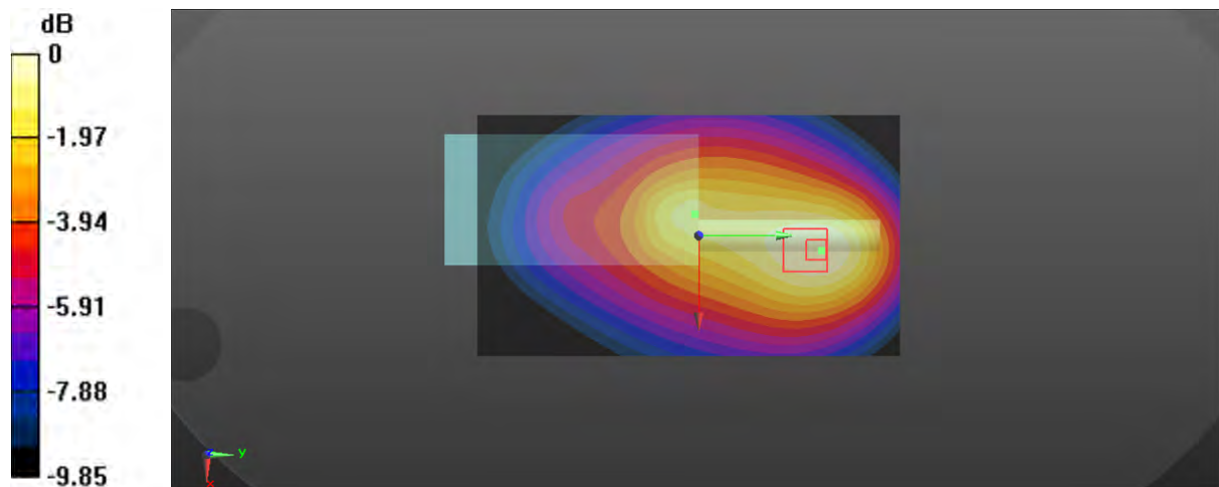
Zoom Scan (6x7x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 39.09 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 2.19 W/kg

SAR(1 g) = 1.36 W/kg; SAR(10 g) = 0.945 W/kg

Maximum value of SAR (measured) = 1.43 W/kg



0 dB = 1.43 W/kg = 1.55 dBW/kg

Plot 17#: FM 12.5kHz_153.0125MHz_Body Back_Antenna 3**DUT: Two Way Radio; Type: T03-00313-BCDA; Serial: CR22030025-SA-S1**

Communication System: FM; Frequency: 153.012 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 153.012$ MHz; $\sigma = 0.813$ S/m; $\epsilon_r = 60.884$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.51, 7.51, 7.51) @ 153.012 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) = 2.51 W/kg

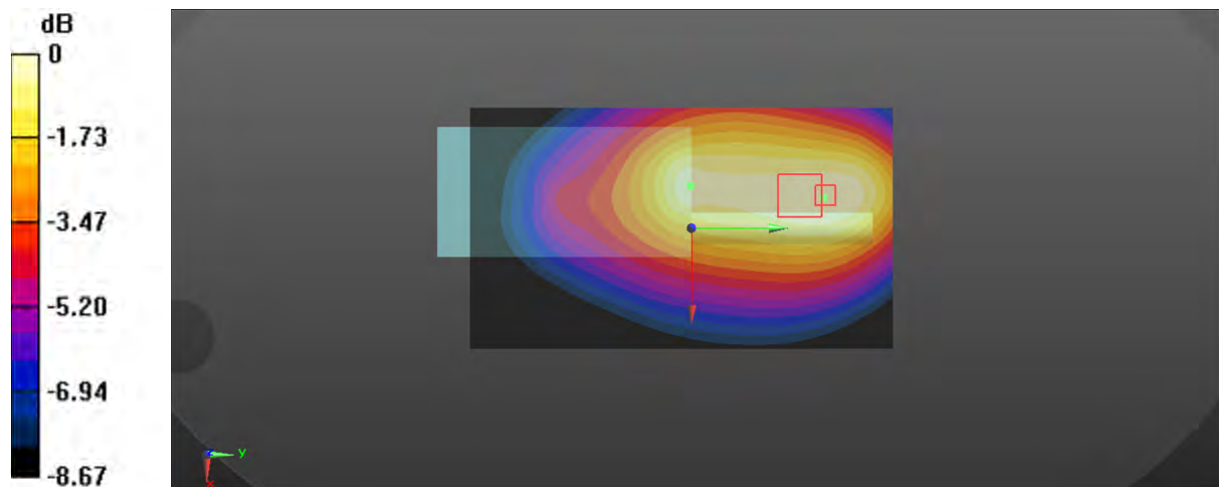
Zoom Scan (6x7x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 48.17 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 3.52 W/kg

SAR(1 g) = 2.35 W/kg; SAR(10 g) = 1.73 W/kg

Maximum value of SAR (measured) = 2.47 W/kg



0 dB = 2.47 W/kg = 3.93 dBW/kg

Plot 18#: FM 12.5kHz_158.5MHz_Body Back_Antenna 3**DUT: Two Way Radio; Type: T03-00313-BCDA; Serial: CR22030025-SA-S1**

Communication System: FM; Frequency: 158.5 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 158.5$ MHz; $\sigma = 0.824$ S/m; $\epsilon_r = 60.766$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.51, 7.51, 7.51) @ 158.5 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) = 1.88 W/kg

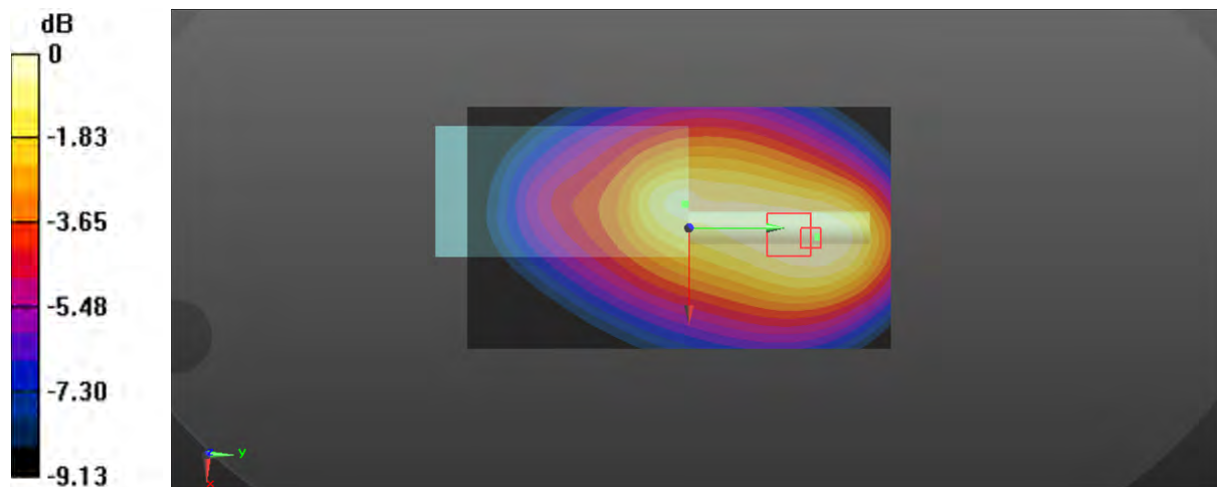
Zoom Scan (6x7x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 42.95 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 2.68 W/kg

SAR(1 g) = 1.77 W/kg; SAR(10 g) = 1.29 W/kg

Maximum value of SAR (measured) = 1.85 W/kg



0 dB = 1.85 W/kg = 2.67 dBW/kg

Plot 19#: FM 12.5kHz_163.9875MHz_Body Back_Antenna 3**DUT: Two Way Radio; Type: T03-00313-BCDA; Serial: CR22030025-SA-S1**

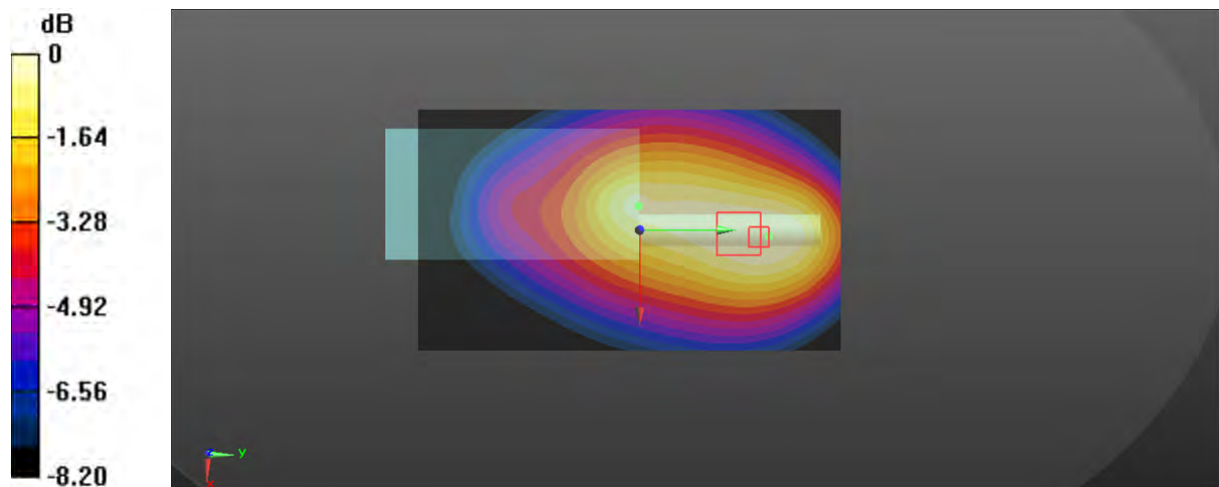
Communication System: FM; Frequency: 163.988 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 163.988 \text{ MHz}$; $\sigma = 0.835 \text{ S/m}$; $\epsilon_r = 60.707$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.51, 7.51, 7.51) @ 163.988 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) = 0.813 W/kg **Zoom Scan (6x6x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 28.86 V/m ; Power Drift = -0.03 dB Peak SAR (extrapolated) = 1.12 W/kg **SAR(1 g) = 0.755 W/kg ; SAR(10 g) = 0.557 W/kg** Maximum value of SAR (measured) = 0.790 W/kg 0 dB = 0.790 W/kg = -1.02 dBW/kg

Plot 20#: FM 12.5kHz_163.0125MHz_Body Back_Antenna 4**DUT: Two Way Radio; Type: T03-00313-BCDA; Serial: CR22030025-SA-S1**

Communication System: FM; Frequency: 163.012 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 163.012$ MHz; $\sigma = 0.832$ S/m; $\epsilon_r = 60.758$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.51, 7.51, 7.51) @ 163.012 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) = 2.74 W/kg

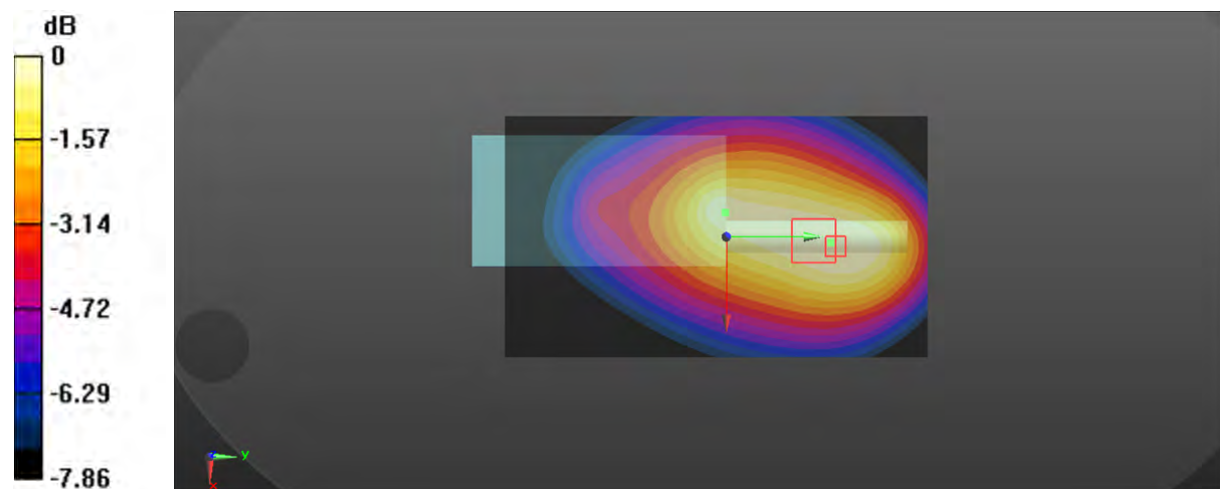
Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 54.35 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 3.82 W/kg

SAR(1 g) = 2.57 W/kg; SAR(10 g) = 1.91 W/kg

Maximum value of SAR (measured) = 2.69 W/kg



0 dB = 2.69 W/kg = 4.30 dBW/kg

Plot 21#: FM 12.5kHz_168.5MHz_Body Back_Antenna 4**DUT: Two Way Radio; Type: T03-00313-BCDA; Serial: CR22030025-SA-S1**

Communication System: FM; Frequency: 168.5 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 168.5$ MHz; $\sigma = 0.846$ S/m; $\epsilon_r = 60.689$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.51, 7.51, 7.51) @ 168.5 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) = 1.61 W/kg

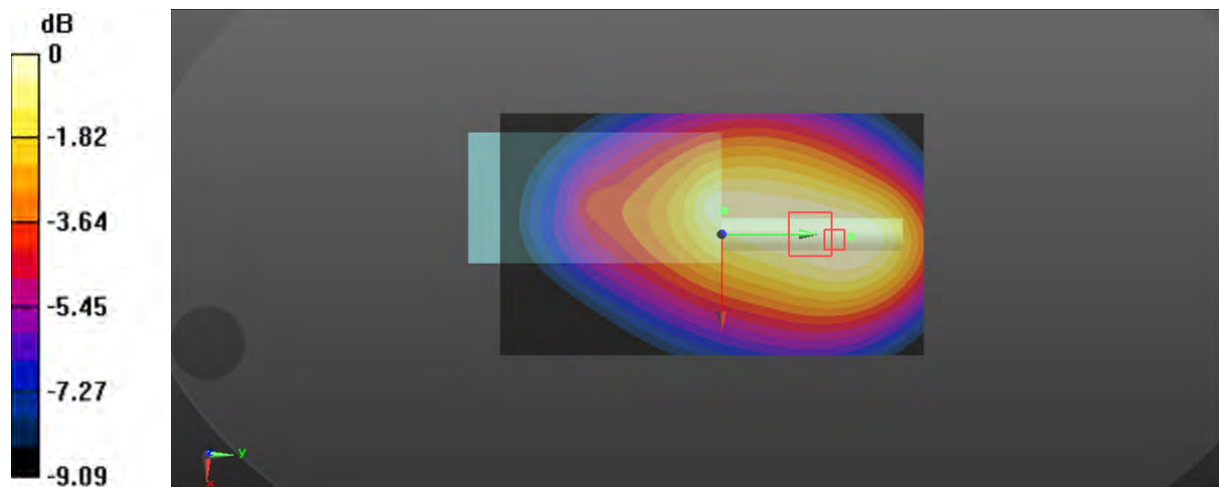
Zoom Scan (6x7x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 40.77 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 2.19 W/kg

SAR(1 g) = 1.5 W/kg; SAR(10 g) = 1.13 W/kg

Maximum value of SAR (measured) = 1.57 W/kg



0 dB = 1.57 W/kg = 1.96 dBW/kg

Plot 22#: FM 12.5kHz_173.9875MHz_Body Back_Antenna 4**DUT: Two Way Radio; Type: T03-00313-BCDA; Serial: CR22030025-SA-S1**

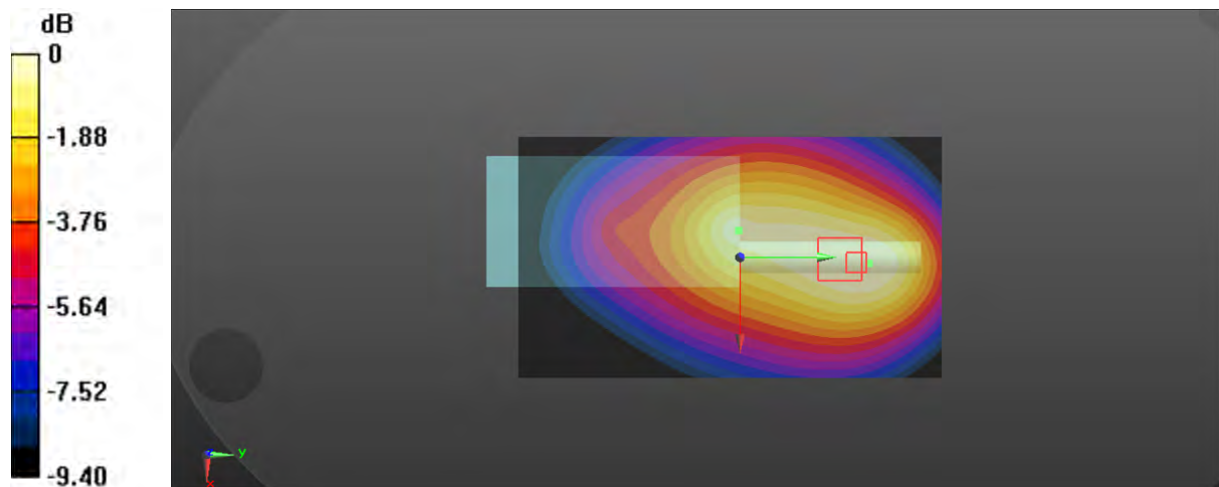
Communication System: FM; Frequency: 173.988 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 173.988 \text{ MHz}$; $\sigma = 0.852 \text{ S/m}$; $\epsilon_r = 60.365$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.51, 7.51, 7.51) @ 173.988 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) = 1.26 W/kg **Zoom Scan (6x7x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 34.85 V/m ; Power Drift = -0.11 dB Peak SAR (extrapolated) = 1.77 W/kg **SAR(1 g) = 1.17 W/kg ; SAR(10 g) = 0.848 W/kg** Maximum value of SAR (measured) = 1.22 W/kg 0 dB = 1.22 W/kg = 0.86 dBW/kg

Plot 23#: FM 25kHz_136.0125MHz_Body Back_Antenna 1**DUT: Two Way Radio; Type: T03-00313-BCDA; Serial: CR22030025-SA-S1**

Communication System: FM; Frequency: 136.012 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 136.012$ MHz; $\sigma = 0.785$ S/m; $\epsilon_r = 63.466$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.51, 7.51, 7.51) @ 136.012 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) = 1.80 W/kg

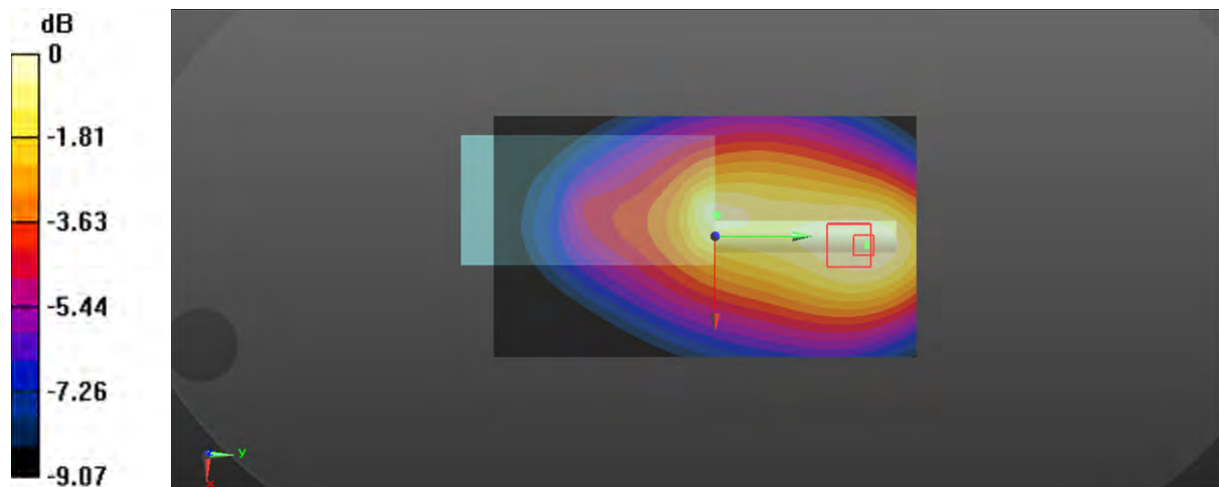
Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 42.87 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 2.65 W/kg

SAR(1 g) = 1.71 W/kg; SAR(10 g) = 1.23 W/kg

Maximum value of SAR (measured) = 1.80 W/kg



0 dB = 1.80 W/kg = 2.55 dBW/kg

Plot 24#: FM 25kHz_144.0125MHz_Body Back_Antenna 2**DUT: Two Way Radio; Type: T03-00313-BCDA; Serial: CR22030025-SA-S1**

Communication System: FM; Frequency: 144.012 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 144.012$ MHz; $\sigma = 0.792$ S/m; $\epsilon_r = 63.107$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.51, 7.51, 7.51) @ 144.012 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) = 1.47 W/kg

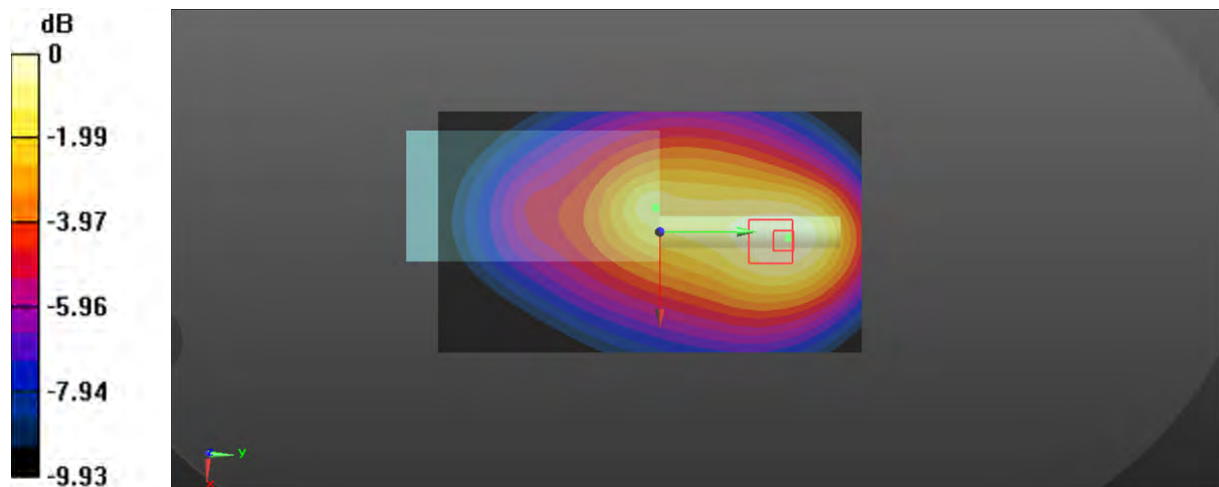
Zoom Scan (6x7x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 36.82 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 2.20 W/kg

SAR(1 g) = 1.38 W/kg; SAR(10 g) = 0.959 W/kg

Maximum value of SAR (measured) = 1.45 W/kg



0 dB = 1.45 W/kg = 1.61 dBW/kg

Plot 25#: FM 25kHz_149MHz_Body Back_Antenna 2**DUT: Two Way Radio; Type: T03-00313-BCDA; Serial: CR22030025-SA-S1**

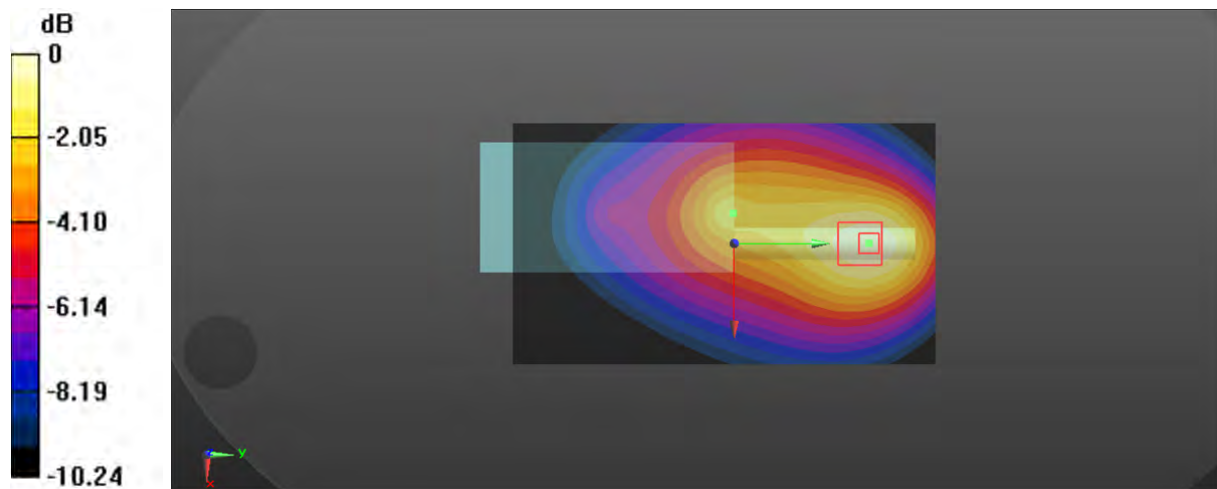
Communication System: FM; Frequency: 149 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 149$ MHz; $\sigma = 0.798$ S/m; $\epsilon_r = 61.643$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.51, 7.51, 7.51) @ 149 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, $dy=1.500$ mmMaximum value of SAR (interpolated) = 0.800 W/kg**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mmReference Value = 24.29 V/m; Power Drift = -0.15 dBPeak SAR (extrapolated) = 1.30 W/kg**SAR(1 g) = 0.764 W/kg; SAR(10 g) = 0.511 W/kg**Maximum value of SAR (measured) = 0.808 W/kg0 dB = 0.808 W/kg = -0.93 dBW/kg

Plot 26#: FM 25kHz_153.9875MHz_Body Back_Antenna 2**DUT: Two Way Radio; Type: T03-00313-BCDA; Serial: CR22030025-SA-S1**

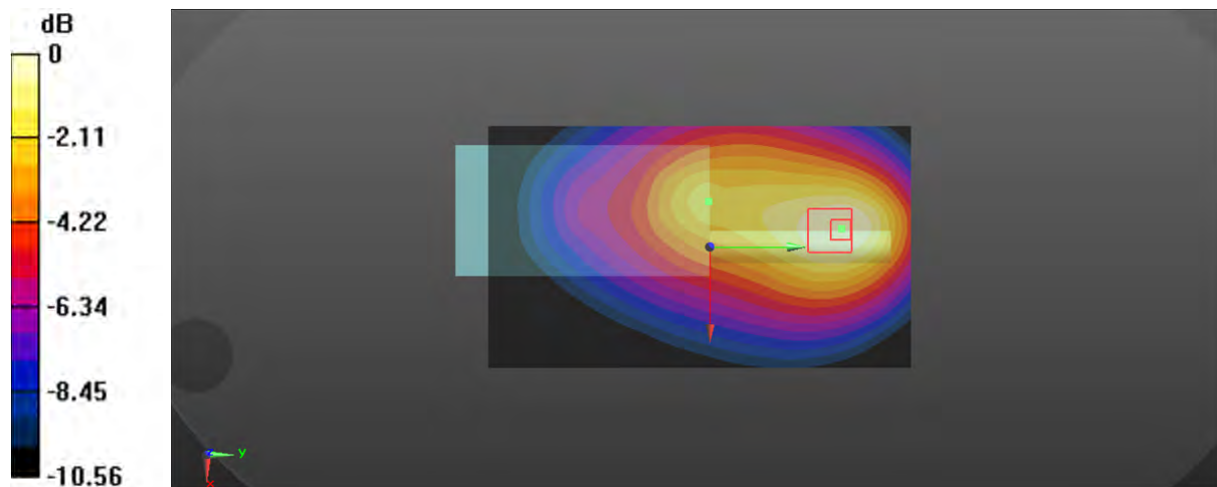
Communication System: FM; Frequency: 153.988 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 153.988 \text{ MHz}$; $\sigma = 0.818 \text{ S/m}$; $\epsilon_r = 60.785$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.51, 7.51, 7.51) @ 153.988 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) = 0.923 W/kg **Zoom Scan (6x6x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 23.08 V/m ; Power Drift = -0.05 dB Peak SAR (extrapolated) = 1.43 W/kg **SAR(1 g) = 0.843 W/kg ; SAR(10 g) = 0.566 W/kg** Maximum value of SAR (measured) = 0.892 W/kg 0 dB = 0.892 W/kg = -0.50 dBW/kg

Plot 27#: FM 25kHz_153.0125MHz_Body Back_Antenna 3**DUT: Two Way Radio; Type: T03-00313-BCDA; Serial: CR22030025-SA-S1**

Communication System: FM; Frequency: 153.012 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 153.012$ MHz; $\sigma = 0.813$ S/m; $\epsilon_r = 60.884$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.51, 7.51, 7.51) @ 153.012 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) = 2.45 W/kg

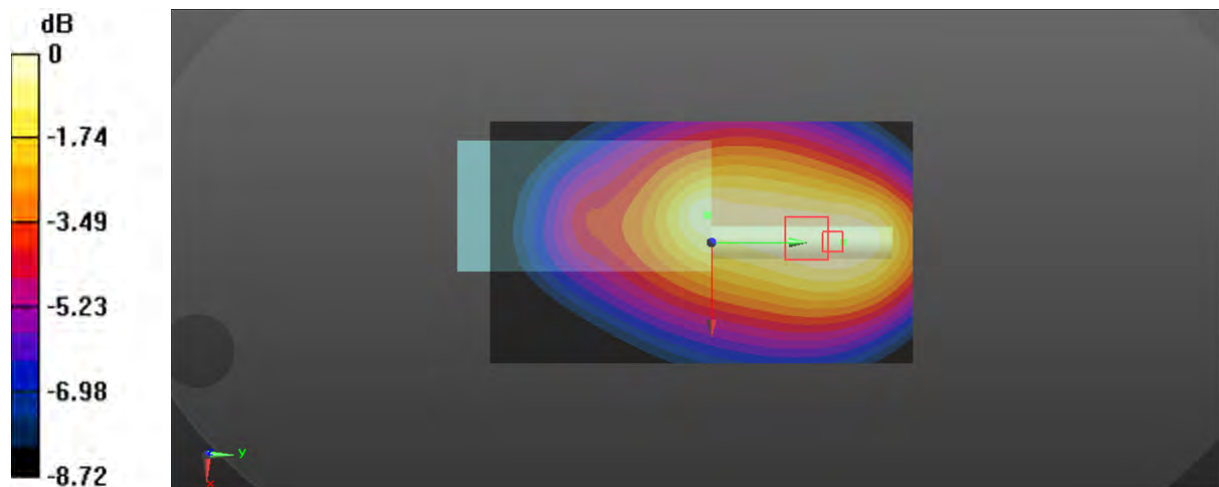
Zoom Scan (6x7x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 50.45 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 3.43 W/kg

SAR(1 g) = 2.31 W/kg; SAR(10 g) = 1.72 W/kg

Maximum value of SAR (measured) = 2.41 W/kg



0 dB = 2.41 W/kg = 3.82 dBW/kg

Plot 28#: FM 25kHz_163.0125MHz_Body Back_Antenna 4**DUT: Two Way Radio; Type: T03-00313-BCDA; Serial: CR22030025-SA-S1**

Communication System: FM; Frequency: 163.012 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 163.012$ MHz; $\sigma = 0.832$ S/m; $\epsilon_r = 60.758$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.51, 7.51, 7.51) @ 163.012 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) = 2.51 W/kg

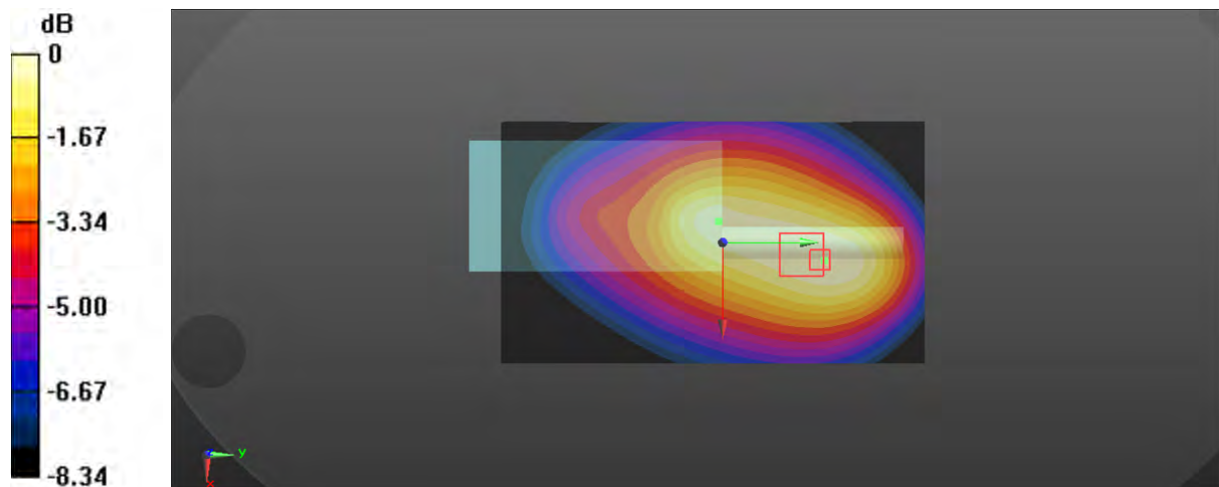
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 52.82 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 3.49 W/kg

SAR(1 g) = 2.39 W/kg; SAR(10 g) = 1.78 W/kg

Maximum value of SAR (measured) = 2.50 W/kg



0 dB = 2.50 W/kg = 3.98 dBW/kg

Plot 29#: 4FSK 12.5kHz_136.0125MHz_Body Back_Antenna 1**DUT: Two Way Radio; Type: T03-00313-BCDA; Serial: CR22030025-SA-S1**

Communication System: 4FSK; Frequency: 136.012 MHz; Duty Cycle: 1:2

Medium parameters used: $f = 136.012$ MHz; $\sigma = 0.785$ S/m; $\epsilon_r = 63.466$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.51, 7.51, 7.51) @ 136.012 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) = 1.00 W/kg

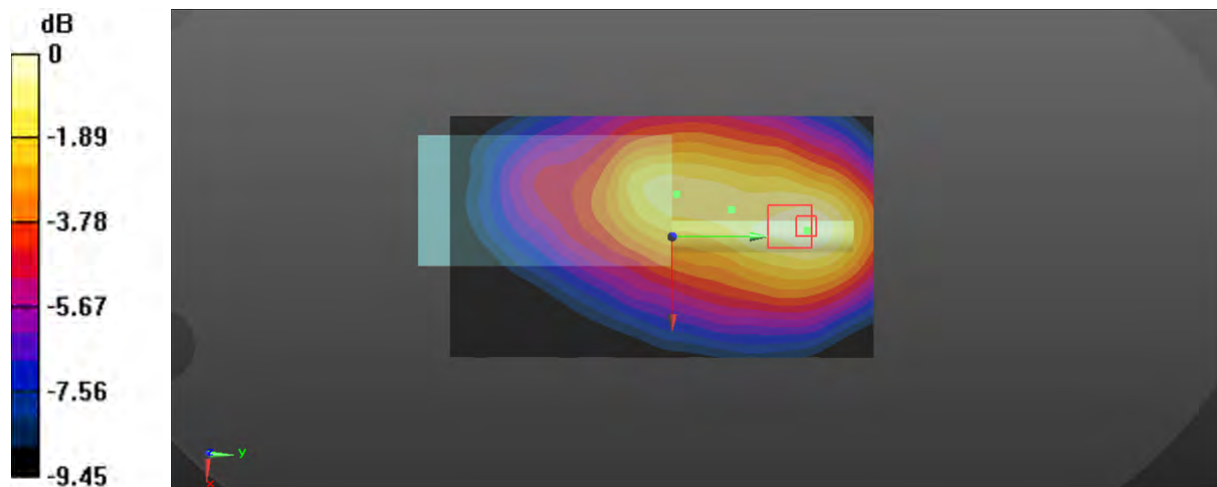
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.89 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.55 W/kg

SAR(1 g) = 0.941 W/kg; SAR(10 g) = 0.655 W/kg

Maximum value of SAR (measured) = 1.01 W/kg



0 dB = 1.01 W/kg = 0.04 dBW/kg

Plot 30#: 4FSK 12.5kHz_144.0125MHz_Body Back_Antenna 2**DUT: Two Way Radio; Type: T03-00313-BCDA; Serial: CR22030025-SA-S1**

Communication System: 4FSK; Frequency: 144.012 MHz; Duty Cycle: 1:2

Medium parameters used: $f = 144.012$ MHz; $\sigma = 0.792$ S/m; $\epsilon_r = 63.107$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.51, 7.51, 7.51) @ 144.012 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) = 0.902 W/kg

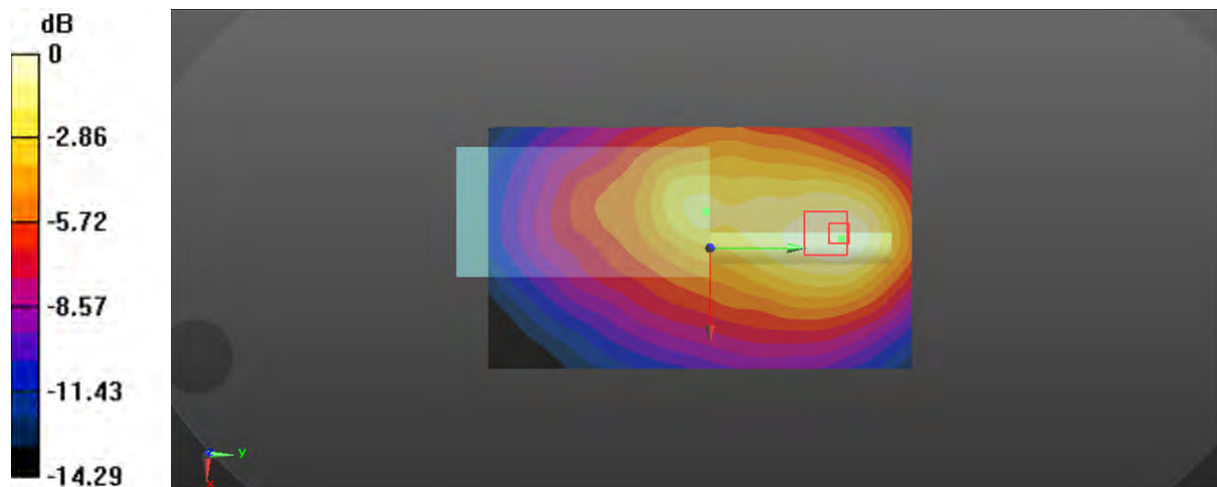
Zoom Scan (7x10x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.50 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 1.47 W/kg

SAR(1 g) = 0.837 W/kg; SAR(10 g) = 0.563 W/kg

Maximum value of SAR (measured) = 0.900 W/kg



0 dB = 0.900 W/kg = -0.46 dBW/kg

Plot 31#: 4FSK 12.5kHz_153.0125MHz_Body Back_Antenna 3**DUT: Two Way Radio; Type: T03-00313-BCDA; Serial: CR22030025-SA-S1**

Communication System: 4FSK; Frequency: 153.012 MHz; Duty Cycle: 1:2

Medium parameters used: $f = 153.012$ MHz; $\sigma = 0.813$ S/m; $\epsilon_r = 60.884$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.51, 7.51, 7.51) @ 153.012 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) = 1.34 W/kg

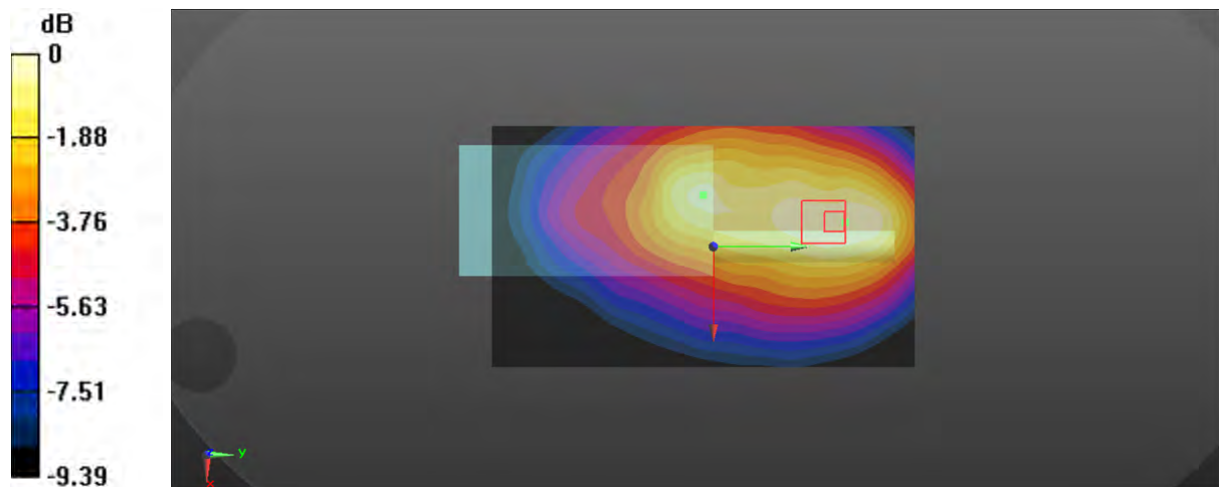
Zoom Scan (6x7x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 33.28 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 2.09 W/kg

SAR(1 g) = 1.31 W/kg; SAR(10 g) = 0.945 W/kg

Maximum value of SAR (measured) = 1.39 W/kg



0 dB = 1.39 W/kg = 1.43 dBW/kg

Plot 32#: 4FSK 12.5kHz_163.0125MHz_Body Back_Antenna 4

DUT: Two Way Radio; Type: T03-00313-BCDA; Serial: CR22030025-SA-S1

Communication System: 4FSK; Frequency: 163.012 MHz; Duty Cycle: 1:2

Medium parameters used: $f = 163.012$ MHz; $\sigma = 0.832$ S/m; $\epsilon_r = 60.758$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.51, 7.51, 7.51) @ 163.012 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) = 1.53 W/kg

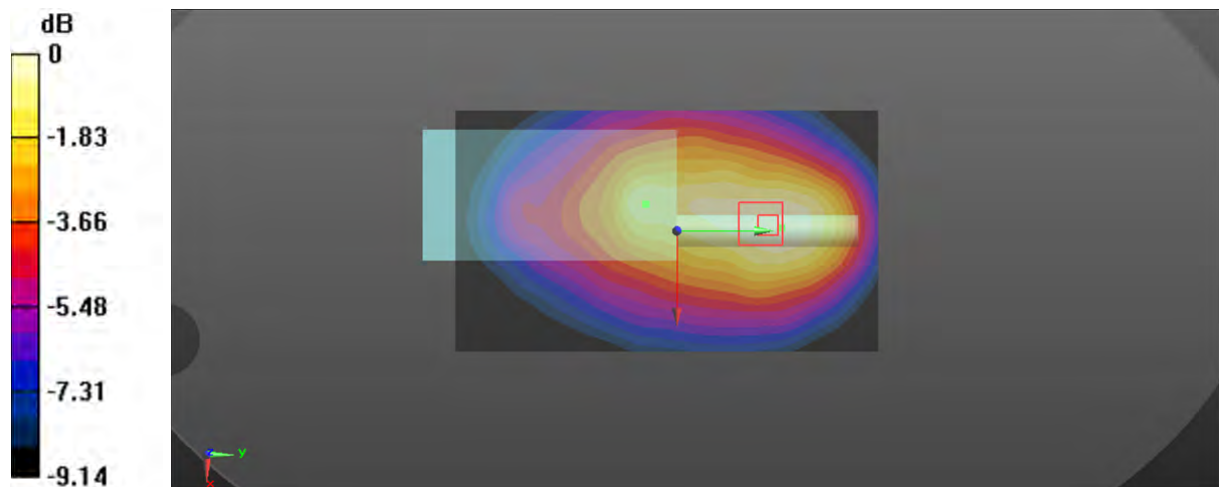
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 39.04 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 2.30 W/kg

SAR(1 g) = 1.47 W/kg; SAR(10 g) = 1.05 W/kg

Maximum value of SAR (measured) = 1.54 W/kg



0 dB = 1.54 W/kg = 1.88 dBW/kg

Plot 33#:FM 25kHz_136.0125MHz_Face Up_Antenna 1**DUT: Two Way Radio; Type: T03-00313-BBEA; Serial: CR22030025-SA-S2**

Communication System: FM; Frequency: 136.012 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 136.012$ MHz; $\sigma = 0.741$ S/m; $\epsilon_r = 53.455$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.69, 7.69, 7.69) @ 136.012 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) = 0.288 W/kg

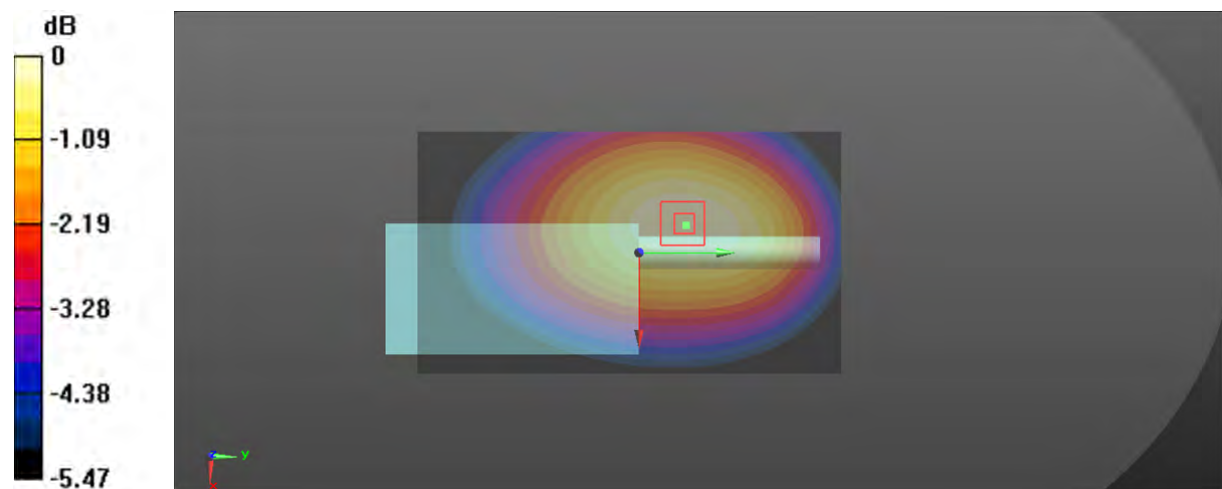
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.41 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.354 W/kg

SAR(1 g) = 0.279 W/kg; SAR(10 g) = 0.224 W/kg

Maximum value of SAR (measured) = 0.290 W/kg



0 dB = 0.290 W/kg = -5.38 dBW/kg

Plot 34#:FM 25kHz_144.0125MHz_Face Up_Antenna 2**DUT: Two Way Radio; Type: T03-00313-BBEA; Serial: CR22030025-SA-S2**

Communication System: FM; Frequency: 144.012 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 144.012$ MHz; $\sigma = 0.753$ S/m; $\epsilon_r = 52.841$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.69, 7.69, 7.69) @ 144.012 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) = 0.728 W/kg

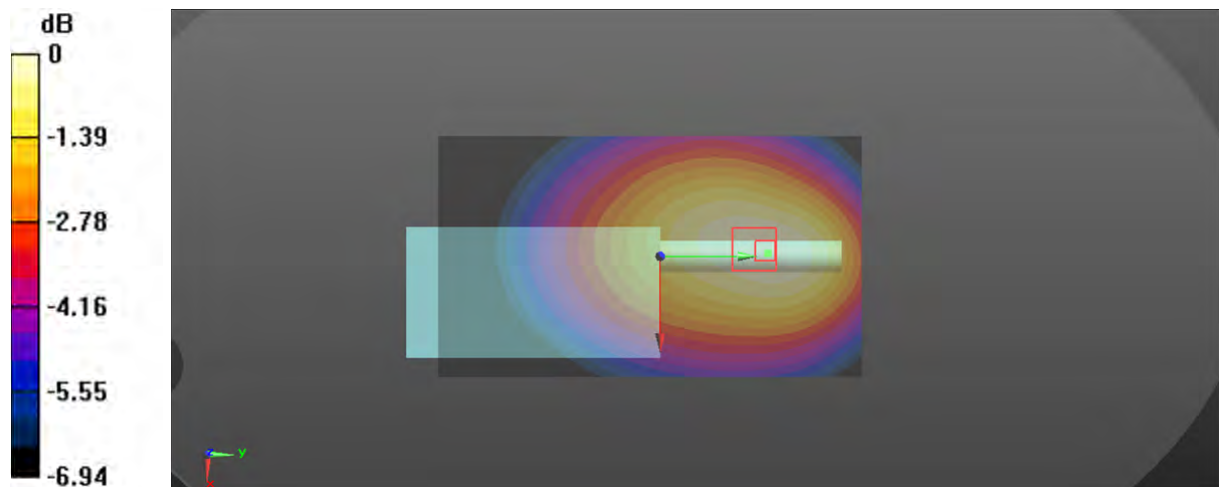
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.76 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.927 W/kg

SAR(1 g) = 0.691 W/kg; SAR(10 g) = 0.536 W/kg

Maximum value of SAR (measured) = 0.721 W/kg



0 dB = 0.721 W/kg = -1.42 dBW/kg

Plot 35#:FM 25kHz_153.0125MHz_Face Up_Antenna 3**DUT: Two Way Radio; Type: T03-00313-BBEA; Serial: CR22030025-SA-S2**

Communication System: FM; Frequency: 153.012 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 153.012$ MHz; $\sigma = 0.773$ S/m; $\epsilon_r = 52.681$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.69, 7.69, 7.69) @ 153.012 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) = 0.625 W/kg

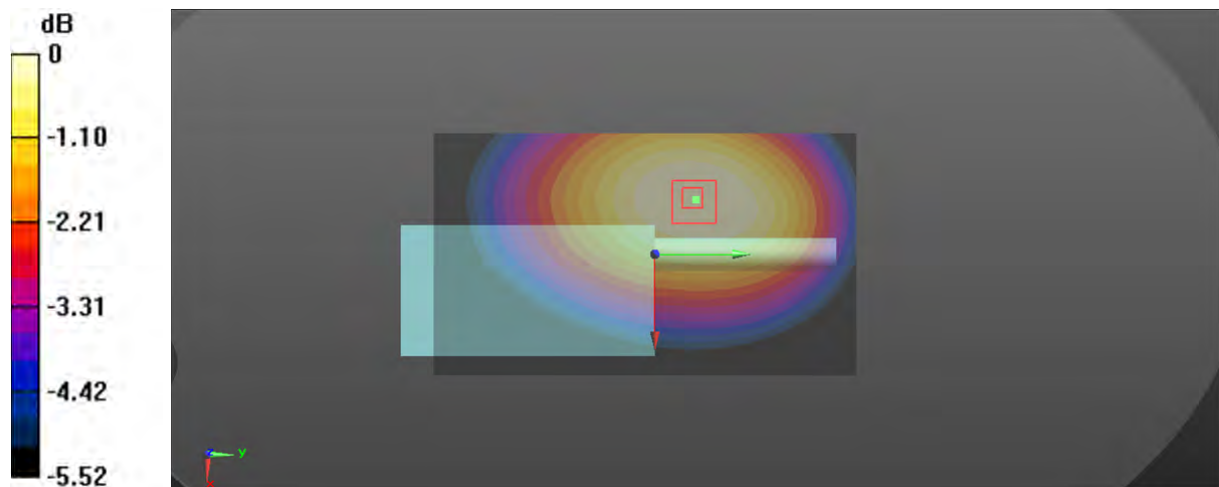
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.50 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.741 W/kg

SAR(1 g) = 0.585 W/kg; SAR(10 g) = 0.469 W/kg

Maximum value of SAR (measured) = 0.606 W/kg



0 dB = 0.606 W/kg = -2.18 dBW/kg

Plot 36#:FM 25kHz_163.0125MHz_Face Up_Antenna 4**DUT: Two Way Radio; Type: T03-00313-BBEA; Serial: CR22030025-SA-S2**

Communication System: FM; Frequency: 163.012 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 163.012$ MHz; $\sigma = 0.786$ S/m; $\epsilon_r = 52.089$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.69, 7.69, 7.69) @ 163.012 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) = 0.581 W/kg

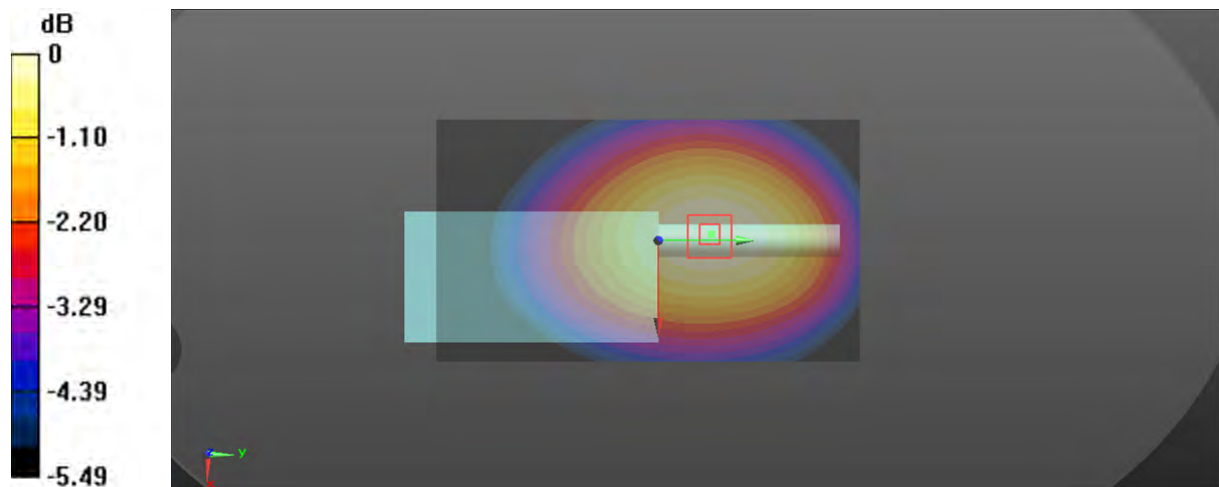
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.95 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.695 W/kg

SAR(1 g) = 0.547 W/kg; SAR(10 g) = 0.439 W/kg

Maximum value of SAR (measured) = 0.568 W/kg



0 dB = 0.568 W/kg = -2.46 dBW/kg

Plot 37#:FM 12.5kHz_136.0125MHz_Body Back_Antenna 1

DUT: Two Way Radio; Type: T03-00313-BBEA; Serial: CR22030025-SA-S2

Communication System: FM; Frequency: 136.012 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 136.012$ MHz; $\sigma = 0.785$ S/m; $\epsilon_r = 63.466$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.51, 7.51, 7.51) @ 136.012 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) = 1.37 W/kg

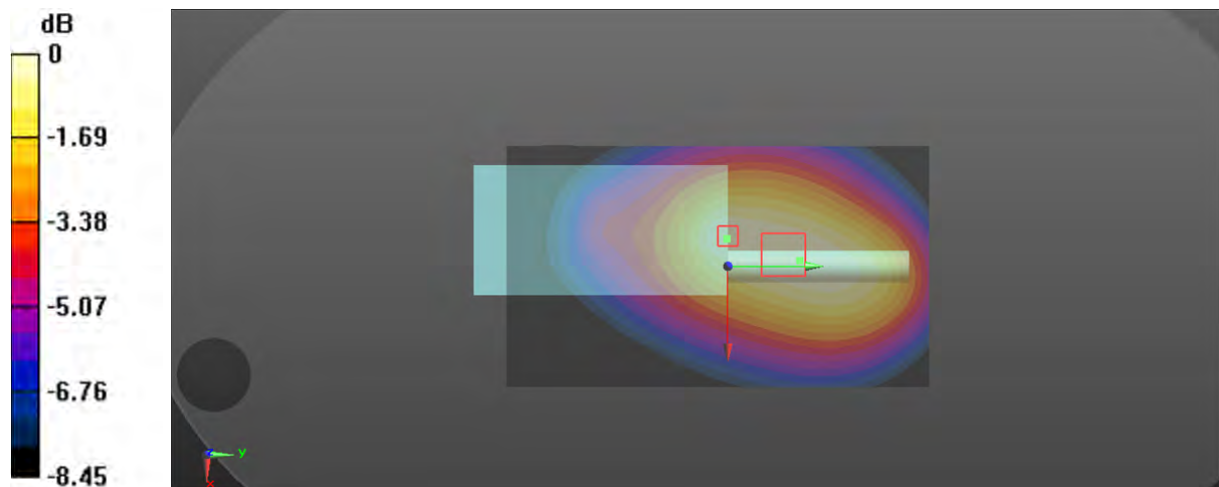
Zoom Scan (6x9x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 39.13 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.95 W/kg

SAR(1 g) = 1.25 W/kg; SAR(10 g) = 0.931 W/kg

Maximum value of SAR (measured) = 1.32 W/kg



0 dB = 1.32 W/kg = 1.21 dBW/kg

Plot 38#: FM 12.5kHz_144.0125MHz_Body Back_Antenna 2**DUT: Two Way Radio; Type: T03-00313-BBEA; Serial: CR22030025-SA-S2**

Communication System: FM; Frequency: 144.012 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 144.012$ MHz; $\sigma = 0.792$ S/m; $\epsilon_r = 63.107$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.51, 7.51, 7.51) @ 144.012 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) = 1.05 W/kg

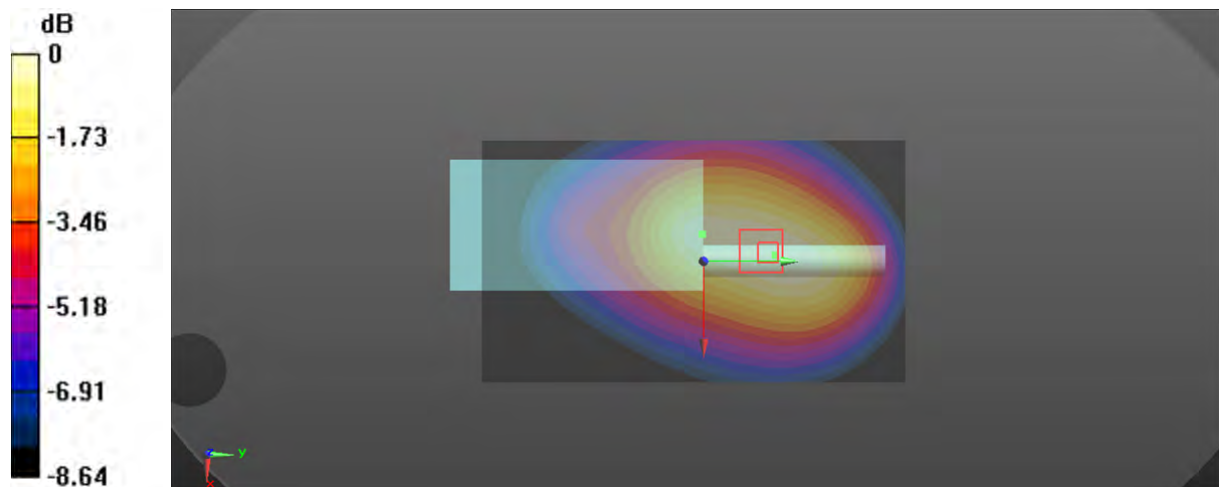
Zoom Scan (6x7x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 36.53 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.42 W/kg

SAR(1 g) = 1.00 W/kg; SAR(10 g) = 0.730 W/kg

Maximum value of SAR (measured) = 1.05 W/kg



0 dB = 1.05 W/kg = 0.21 dBW/kg

Plot 39#: FM 12.5kHz_153.0125MHz_Body Back_Antenna 3**DUT: Two Way Radio; Type: T03-00313-BBEA; Serial: CR22030025-SA-S2**

Communication System: FM; Frequency: 153.012 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 153.012$ MHz; $\sigma = 0.813$ S/m; $\epsilon_r = 60.884$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.51, 7.51, 7.51) @ 153.012 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) = 2.50 W/kg

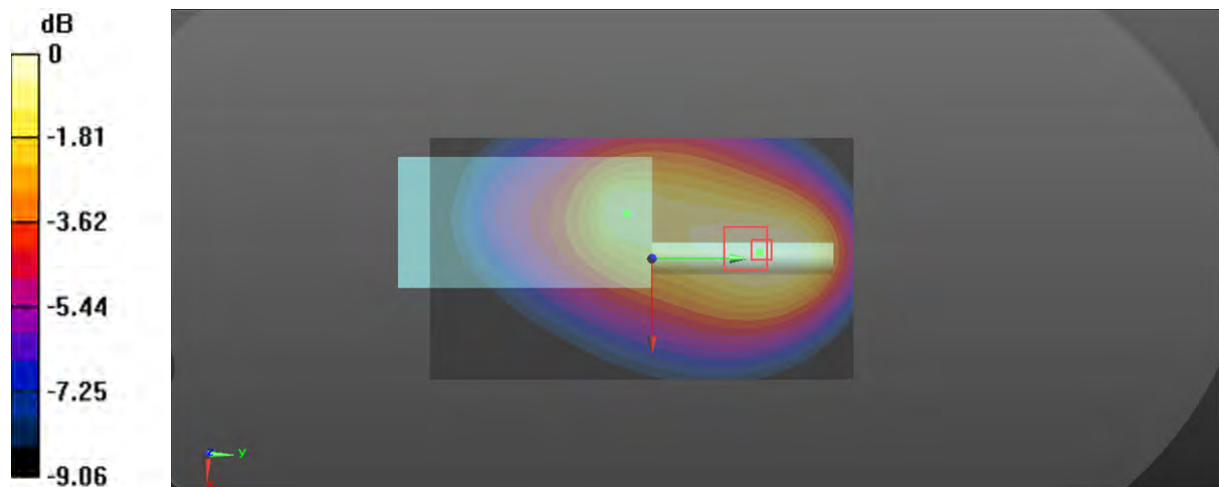
Zoom Scan (6x7x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 49.27 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 3.67 W/kg

SAR(1 g) = 2.37 W/kg; SAR(10 g) = 1.68 W/kg

Maximum value of SAR (measured) = 2.49 W/kg



0 dB = 2.49 W/kg = 3.96 dBW/kg

Plot 40#:FM 12.5kHz_163.0125MHz_Body Back_Antenna 4**DUT: Two Way Radio; Type: T03-00313-BBEA; Serial: CR22030025-SA-S2**

Communication System: FM; Frequency: 163.012 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 163.012$ MHz; $\sigma = 0.832$ S/m; $\epsilon_r = 60.758$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.51, 7.51, 7.51) @ 163.012 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) = 3.07 W/kg

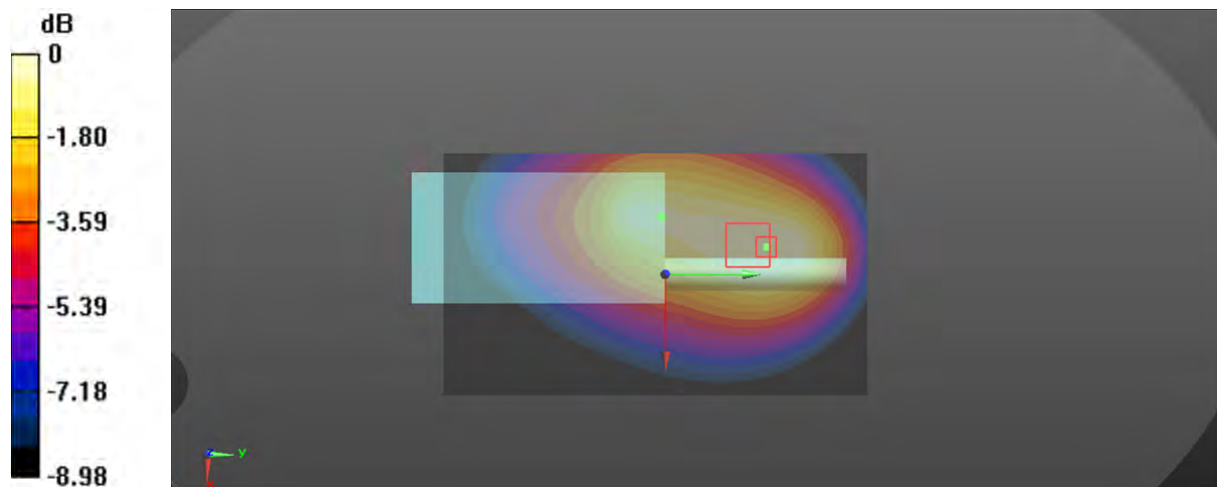
Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 49.76 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 4.31 W/kg

SAR(1 g) = 2.8 W/kg; SAR(10 g) = 2.02 W/kg

Maximum value of SAR (measured) = 2.94 W/kg



0 dB = 2.94 W/kg = 4.68 dBW/kg

Plot 41#: FM 25kHz_136.0125MHz_Face Up_Antenna 1**DUT: Two Way Radio; Type: T03-00313-BAAA; Serial: CR22030025-SA-S3**

Communication System:FM; Frequency: 136.012 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 136.012$ MHz; $\sigma = 0.741$ S/m; $\epsilon_r = 53.455$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.69, 7.69, 7.69) @ 136.012 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) = 0.278 W/kg

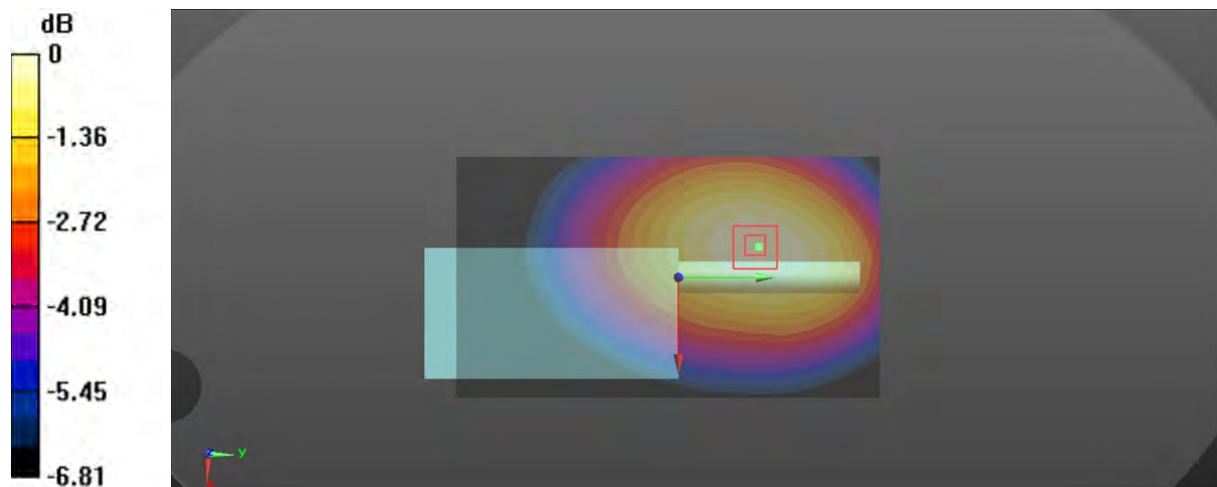
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.52 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.361 W/kg

SAR(1 g) = 0.271 W/kg; SAR(10 g) = 0.207 W/kg

Maximum value of SAR (measured) = 0.283 W/kg



0 dB = 0.283 W/kg = -5.48 dBW/kg

Plot 42#: FM 25kHz_144.0125MHz_Face Up_Antenna 2**DUT: Two Way Radio; Type: T03-00313-BAAA; Serial: CR22030025-SA-S3**

Communication System:FM; Frequency: 144.012 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 144.012$ MHz; $\sigma = 0.753$ S/m; $\epsilon_r = 52.841$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.69, 7.69, 7.69) @ 144.012 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) = 0.445 W/kg

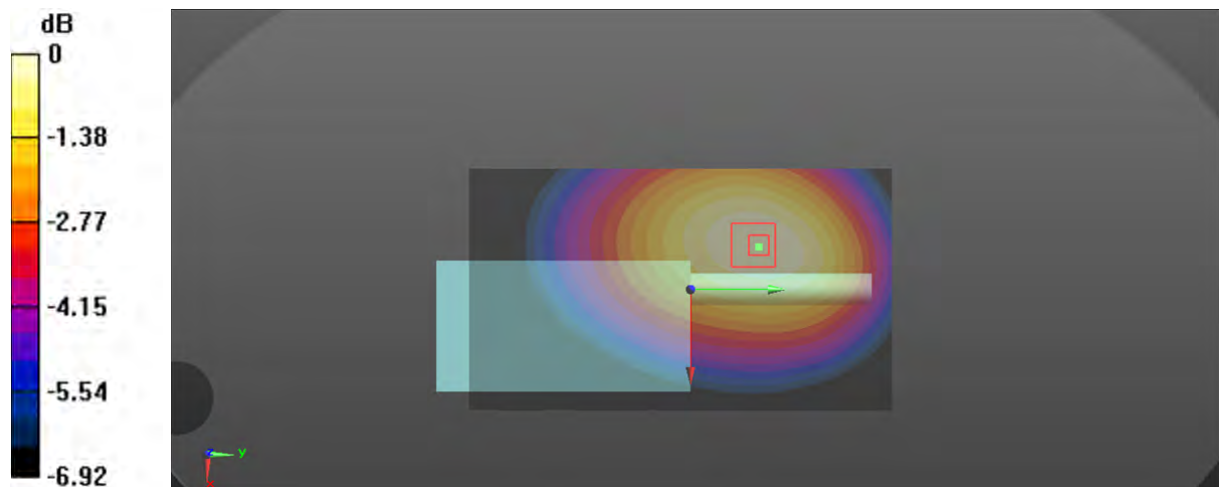
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.27 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.572 W/kg

SAR(1 g) = 0.429 W/kg; SAR(10 g) = 0.327 W/kg

Maximum value of SAR (measured) = 0.448 W/kg



0 dB = 0.448 W/kg = -3.49 dBW/kg

Plot 43#: FM 25kHz_153.0125MHz_Face Up_Antenna 3**DUT: Two Way Radio; Type: T03-00313-BAAA; Serial: CR22030025-SA-S3**

Communication System:FM; Frequency: 153.012 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 153.012$ MHz; $\sigma = 0.773$ S/m; $\epsilon_r = 52.681$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.69, 7.69, 7.69) @ 153.012 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) = 0.455 W/kg

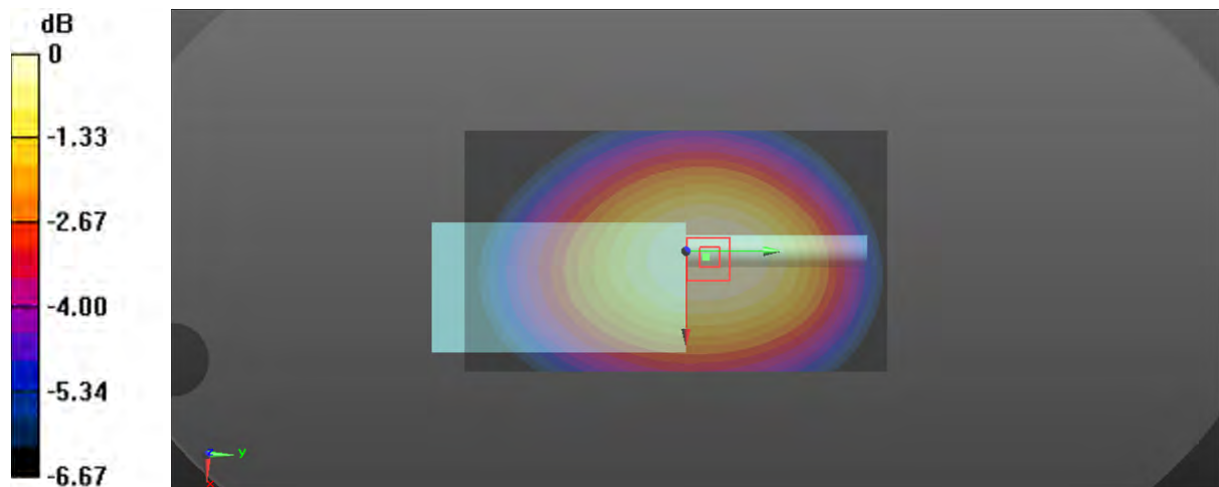
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.49 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.554 W/kg

SAR(1 g) = 0.419 W/kg; SAR(10 g) = 0.322 W/kg

Maximum value of SAR (measured) = 0.436 W/kg



0 dB = 0.436 W/kg = -3.61 dBW/kg

Plot 44#: FM 25kHz_163.0125MHz_Face Up_Antenna 4**DUT: Two Way Radio; Type: T03-00313-BAAA; Serial: CR22030025-SA-S3**

Communication System:FM; Frequency: 163.012 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 163.012$ MHz; $\sigma = 0.786$ S/m; $\epsilon_r = 52.089$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.69, 7.69, 7.69) @ 163.012 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) = 0.410 W/kg

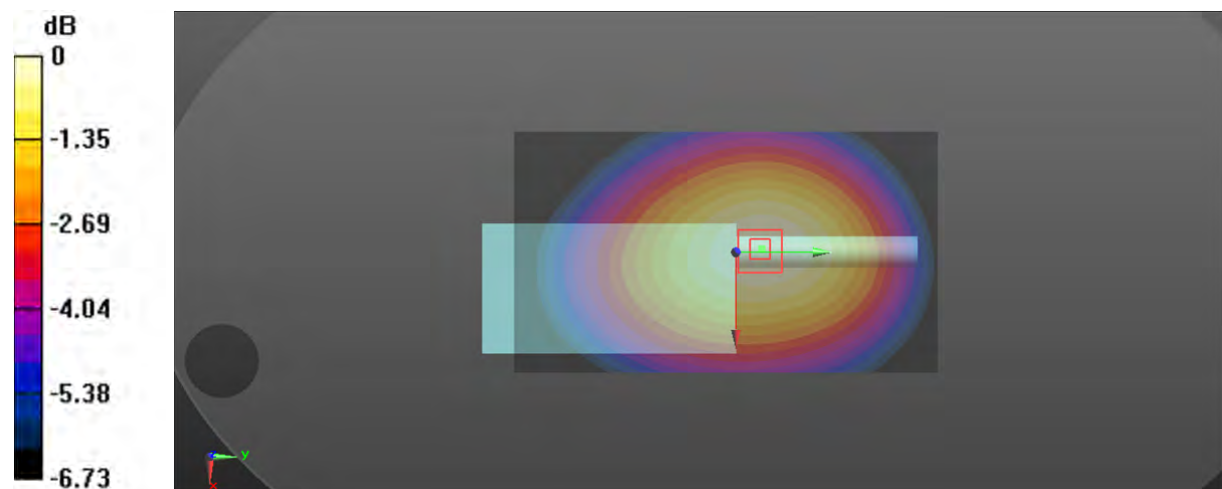
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.84 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.513 W/kg

SAR(1 g) = 0.388 W/kg; SAR(10 g) = 0.297 W/kg

Maximum value of SAR (measured) = 0.406 W/kg



0 dB = 0.406 W/kg = -3.91 dBW/kg

Plot 45#: FM 12.5kHz_136.0125MHz_Body Back_Antenna 1**DUT: Two Way Radio; Type: T03-00313-BAAA; Serial: CR22030025-SA-S3**

Communication System:FM; Frequency: 136.012 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 136.012$ MHz; $\sigma = 0.765$ S/m; $\epsilon_r = 63.437$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.51, 7.51, 7.51) @ 136.012 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) = 1.42 W/kg

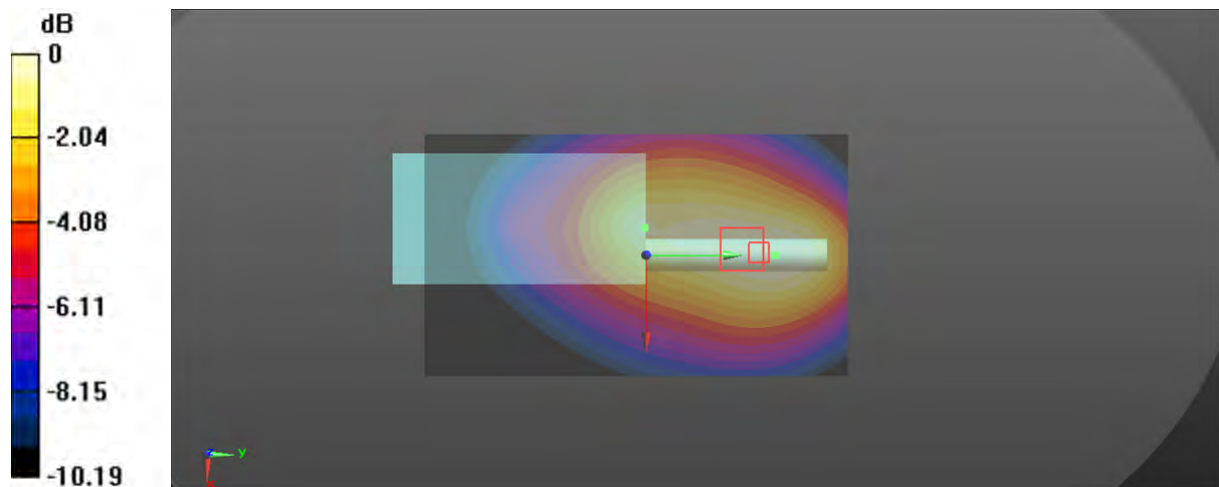
Zoom Scan (6x7x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 37.56 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 2.06 W/kg

SAR(1 g) = 1.31 W/kg; SAR(10 g) = 0.934 W/kg

Maximum value of SAR (measured) = 1.38 W/kg



0 dB = 1.38 W/kg = 1.40 dBW/kg

Plot 46#: FM 12.5kHz_144.0125MHz_Body Back_Antenna 2**DUT: Two Way Radio; Type: T03-00313-BAAA; Serial: CR22030025-SA-S3**

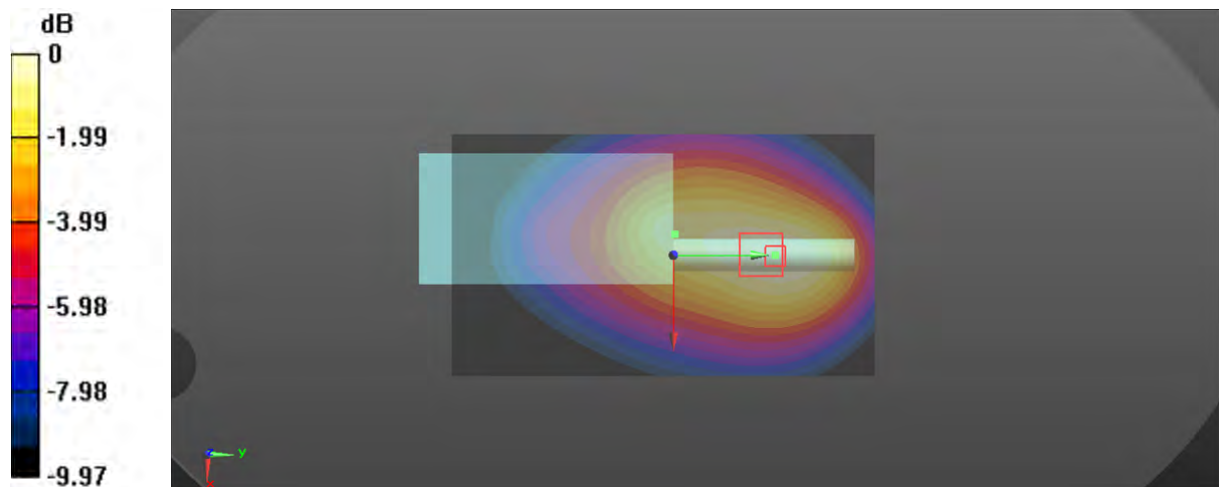
Communication System:FM; Frequency: 144.012 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 144.012 \text{ MHz}$; $\sigma = 0.772 \text{ S/m}$; $\epsilon_r = 61.777$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.51, 7.51, 7.51) @ 144.012 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: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 1.03 W/kg **Zoom Scan (6x7x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 31.90 V/m ; Power Drift = -0.14 dB Peak SAR (extrapolated) = 1.52 W/kg **SAR(1 g) = 0.981 W/kg ; SAR(10 g) = 0.688 W/kg** Maximum value of SAR (measured) = 1.03 W/kg 0 dB = 1.03 W/kg = 0.13 dBW/kg

Plot 47#:FM 12.5kHz_153.0125MHz_Body Back_Antenna 3**DUT: Two Way Radio; Type: T03-00313-BAAA; Serial: CR22030025-SA-S3**

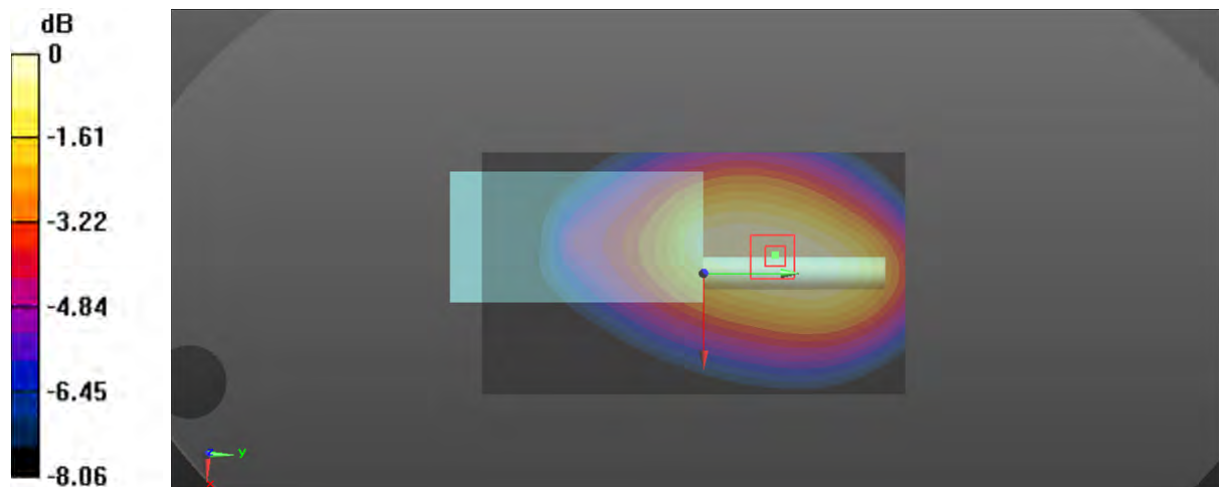
Communication System:FM; Frequency: 153.012 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 153.012 \text{ MHz}$; $\sigma = 0.784 \text{ S/m}$; $\epsilon_r = 61.544$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.51, 7.51, 7.51) @ 153.012 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: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 2.10 W/kg **Zoom Scan (6x7x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 45.69 V/m ; Power Drift = -0.18 dB Peak SAR (extrapolated) = 2.73 W/kg **SAR(1 g) = 1.98 W/kg ; SAR(10 g) = 1.47 W/kg** Maximum value of SAR (measured) = 2.08 W/kg 0 dB = $2.08 \text{ W/kg} = 3.18 \text{ dBW/kg}$

Plot 48#: FM 12.5kHz_163.0125MHz_Body Back_Antenna 4**DUT: Two Way Radio; Type: T03-00313-BAAA; Serial: CR22030025-SA-S3**

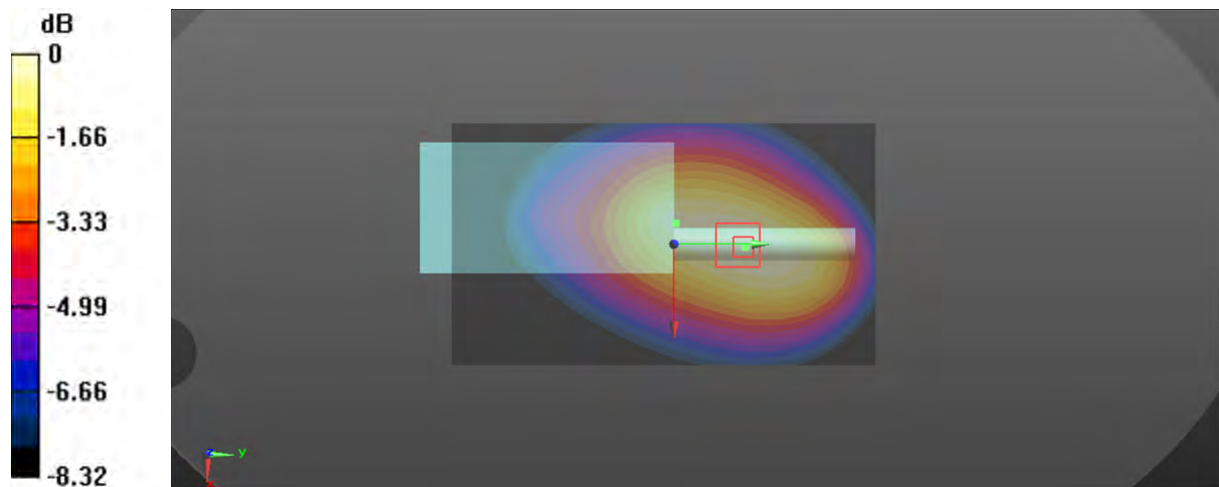
Communication System:FM; Frequency: 163.012 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 163.012 \text{ MHz}$; $\sigma = 0.798 \text{ S/m}$; $\epsilon_r = 60.745$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.51, 7.51, 7.51) @ 163.012 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: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 2.25 W/kg **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 47.59 V/m ; Power Drift = -0.07 dB Peak SAR (extrapolated) = 3.01 W/kg **SAR(1 g) = 2.12 W/kg ; SAR(10 g) = 1.54 W/kg** Maximum value of SAR (measured) = 2.23 W/kg 0 dB = 2.23 W/kg = 3.48 dBW/kg

Plot 49#: FM 12.5kHz_136.0125MHz_Face Up_Antenna 5**DUT: Two Way Radio; Type: T03-00313-BCDA; Serial: CR22030025-SA-S1**

Communication System: FM; Frequency: 136.012 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 136.012$ MHz; $\sigma = 0.741$ S/m; $\epsilon_r = 53.455$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.69, 7.69, 7.69) @ 136.012 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 (81x191x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.561 W/kg

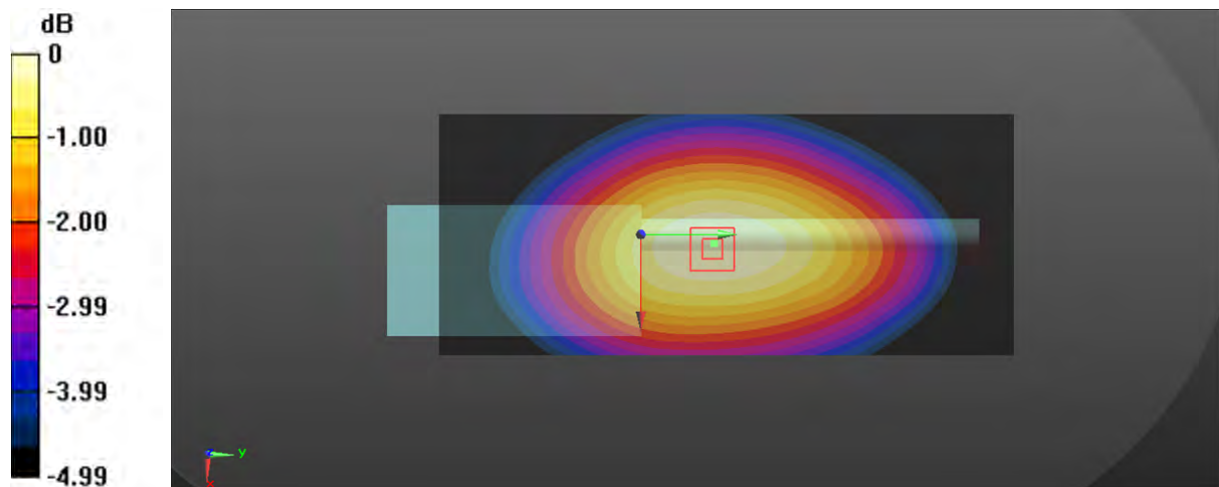
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.47 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.673 W/kg

SAR(1 g) = 0.541 W/kg; SAR(10 g) = 0.442 W/kg

Maximum value of SAR (measured) = 0.557 W/kg



0 dB = 0.557 W/kg = -2.54 dBW/kg

Plot 50#: FM 12.5kHz_150.0125MHz_Face Up_Antenna 6

DUT: Two Way Radio; Type: T03-00313-BCDA; Serial: CR22030025-SA-S1

Communication System: FM; Frequency: 150.012 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 150.012$ MHz; $\sigma = 0.771$ S/m; $\epsilon_r = 52.689$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.69, 7.69, 7.69) @ 150.012 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 (81x191x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.560 W/kg

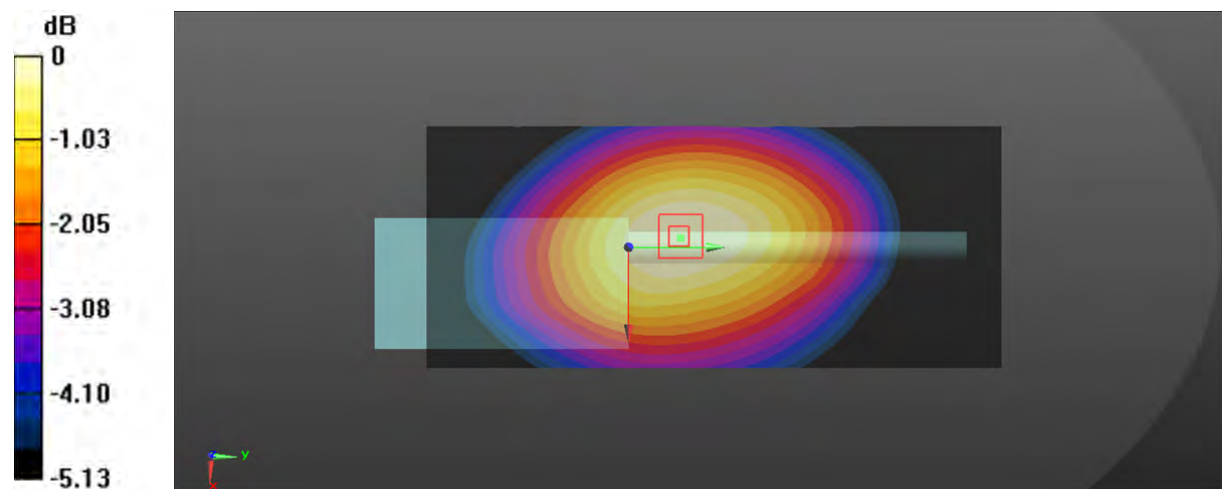
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 26.15 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.661 W/kg

SAR(1 g) = 0.528 W/kg; SAR(10 g) = 0.426 W/kg

Maximum value of SAR (measured) = 0.547 W/kg



0 dB = 0.547 W/kg = -2.62 dBW/kg

Plot 51#: FM 25kHz_136.0125MHz_Face Up_Antenna 5**DUT: Two Way Radio; Type: T03-00313-BCDA; Serial: CR22030025-SA-S1**

Communication System: FM; Frequency: 136.012 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 136.012$ MHz; $\sigma = 0.741$ S/m; $\epsilon_r = 53.455$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.69, 7.69, 7.69) @ 136.012 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 (81x191x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.526 W/kg

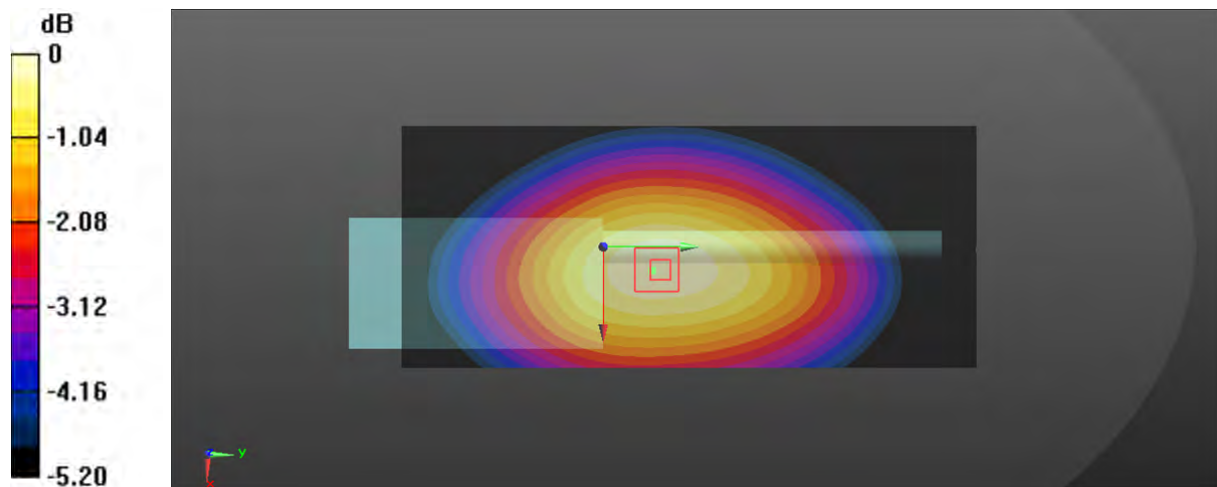
Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 25.00 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.646 W/kg

SAR(1 g) = 0.516 W/kg; SAR(10 g) = 0.420 W/kg

Maximum value of SAR (measured) = 0.534 W/kg



0 dB = 0.534 W/kg = -2.72 dBW/kg

Plot 52#: FM 25kHz_150.0125MHz_Face Up_Antenna 6**DUT: Two Way Radio; Type: T03-00313-BCDA; Serial: CR22030025-SA-S1**

Communication System: FM; Frequency: 150.012 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 150.012$ MHz; $\sigma = 0.771$ S/m; $\epsilon_r = 52.689$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.69, 7.69, 7.69) @ 150.012 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 (81x191x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.694 W/kg

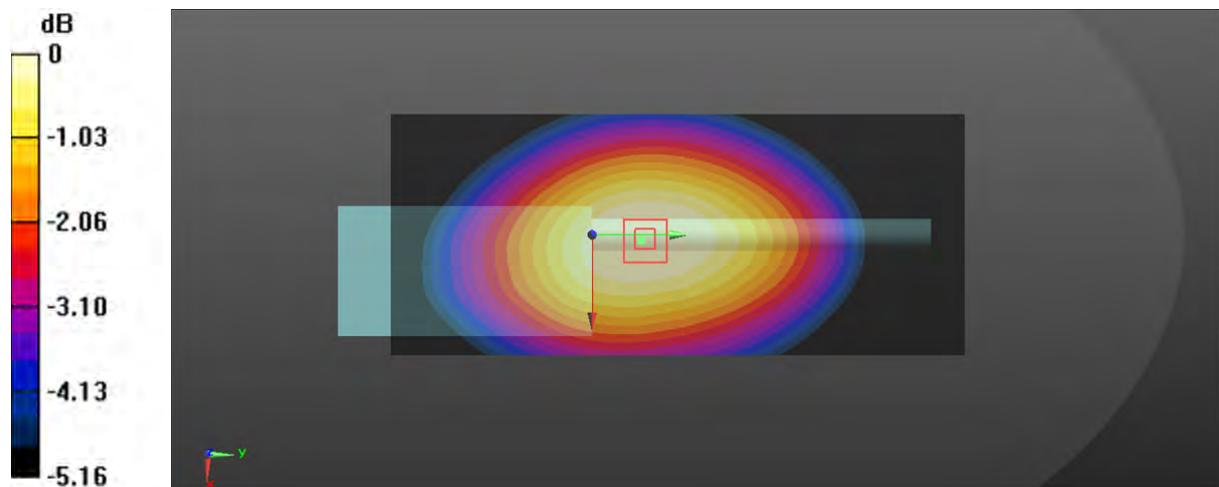
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.44 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.806 W/kg

SAR(1 g) = 0.642 W/kg; SAR(10 g) = 0.519 W/kg

Maximum value of SAR (measured) = 0.665 W/kg



0 dB = 0.665 W/kg = -1.77 dBW/kg

Plot 53#: 4FSK 12.5kHz_136.0125MHz_Face Up_Antenna 5**DUT: Two Way Radio; Type: T03-00313-BCDA; Serial: CR22030025-SA-S1**

Communication System: 4FSK; Frequency: 136.012 MHz; Duty Cycle: 1:2

Medium parameters used: $f = 136.012$ MHz; $\sigma = 0.741$ S/m; $\epsilon_r = 53.455$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.69, 7.69, 7.69) @ 136.012 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 (81x191x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.276 W/kg

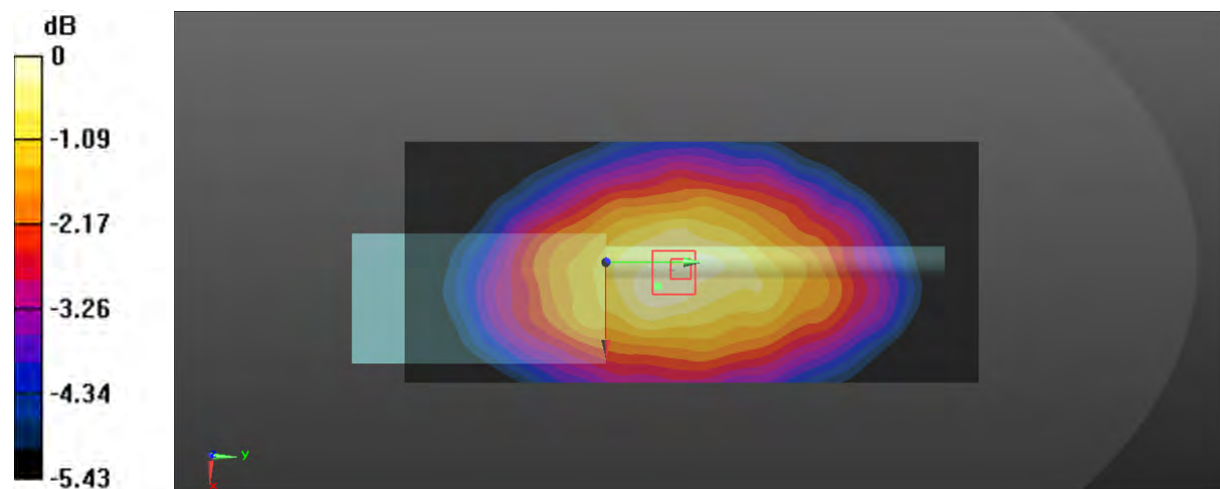
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.87 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.343 W/kg

SAR(1 g) = 0.264 W/kg; SAR(10 g) = 0.215 W/kg.

Maximum value of SAR (measured) = 0.282 W/kg



0 dB = 0.282 W/kg = -5.50 dBW/kg

Plot 54#: 4FSK 12.5kHz_150.0125MHz_Face Up_Antenna 6**DUT: Two Way Radio; Type: T03-00313-BCDA; Serial: CR22030025-SA-S1**

Communication System: 4FSK; Frequency: 150.012 MHz; Duty Cycle: 1:2

Medium parameters used: $f = 150.012$ MHz; $\sigma = 0.771$ S/m; $\epsilon_r = 52.689$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.69, 7.69, 7.69) @ 150.012 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 (81x191x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.298 W/kg

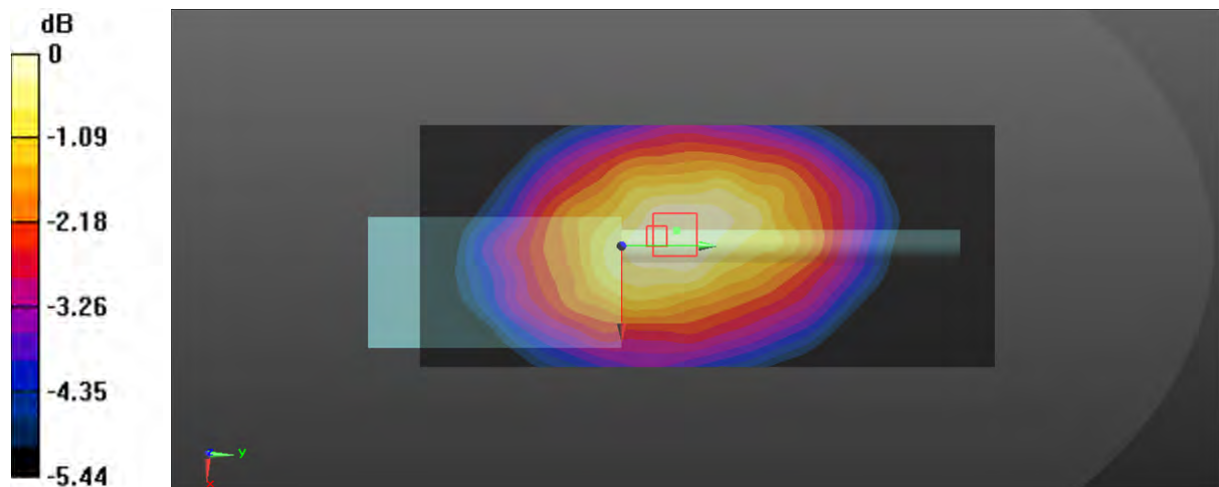
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 18.40 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.367 W/kg

SAR(1 g) = 0.274 W/kg; SAR(10 g) = 0.220 W/kg

Maximum value of SAR (measured) = 0.289 W/kg



0 dB = 0.289 W/kg = -5.39 dBW/kg

Plot 55#: FM 12.5kHz_136.0125MHz_Body Back_Antenna 5**DUT: Two Way Radio; Type: T03-00313-BCDA; Serial: CR22030025-SA-S1**

Communication System: FM; Frequency: 136.012 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 136.012$ MHz; $\sigma = 0.785$ S/m; $\epsilon_r = 63.466$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.51, 7.51, 7.51) @ 136.012 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 (81x191x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 6.42 W/kg

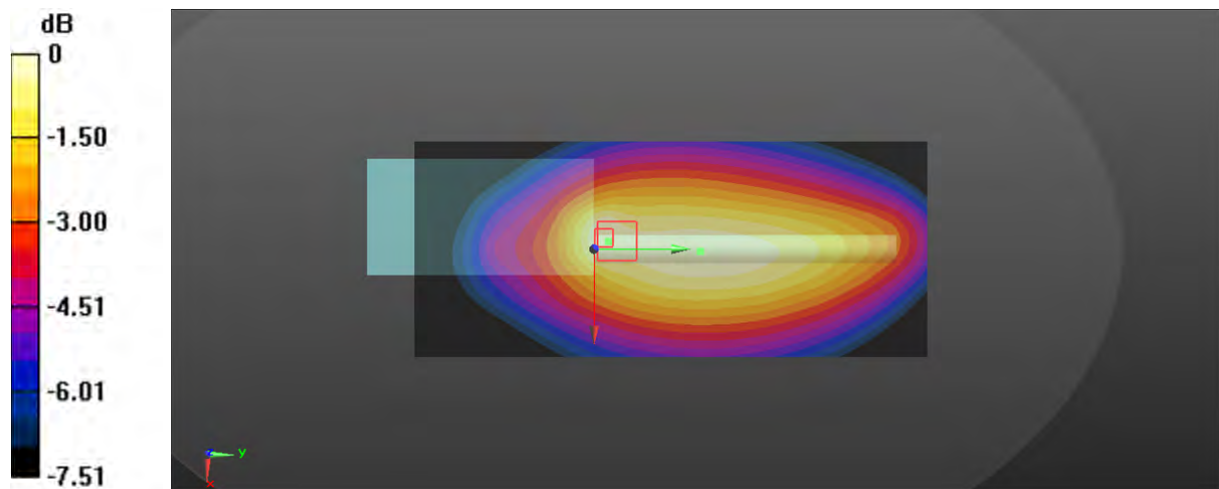
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 90.26 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 9.66 W/kg

SAR(1 g) = 5.84 W/kg; SAR(10 g) = 4.13 W/kg

Maximum value of SAR (measured) = 6.10 W/kg



0 dB = 6.10 W/kg = 7.85 dBW/kg

Plot 56#: FM 12.5kHz_143MHz_Body Back _ Antenna 5**DUT: Two Way Radio; Type: T03-00313-BCDA; Serial: CR22030025-SA-S1**

Communication System: FM; Frequency: 143 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 143$ MHz; $\sigma = 0.79$ S/m; $\epsilon_r = 63.123$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.51, 7.51, 7.51) @ 143 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 (81x191x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 1.76 W/kg

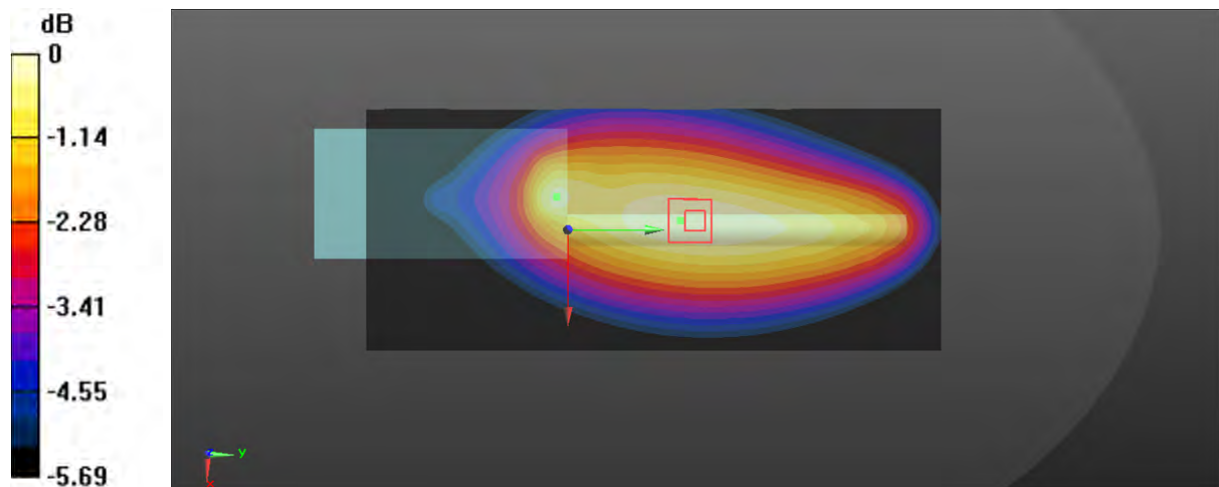
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 40.41 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 2.19 W/kg

SAR(1 g) = 1.69 W/kg; SAR(10 g) = 1.33 W/kg

Maximum value of SAR (measured) = 1.76 W/kg



0 dB = 1.76 W/kg = 2.46 dBW/kg

Plot 57#: FM 12.5KHz_ 149.9875MHz_ Body Back _ Antenna 5

DUT: Two Way Radio; Type: T03-00313-BCDA; Serial: CR22030025-SA-S1

Communication System: FM; Frequency: 149.988 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 149.988 \text{ MHz}$; $\sigma = 0.799 \text{ S/m}$; $\epsilon_r = 61.489$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.51, 7.51, 7.51) @ 149.988 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 (81x191x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.871 W/kg

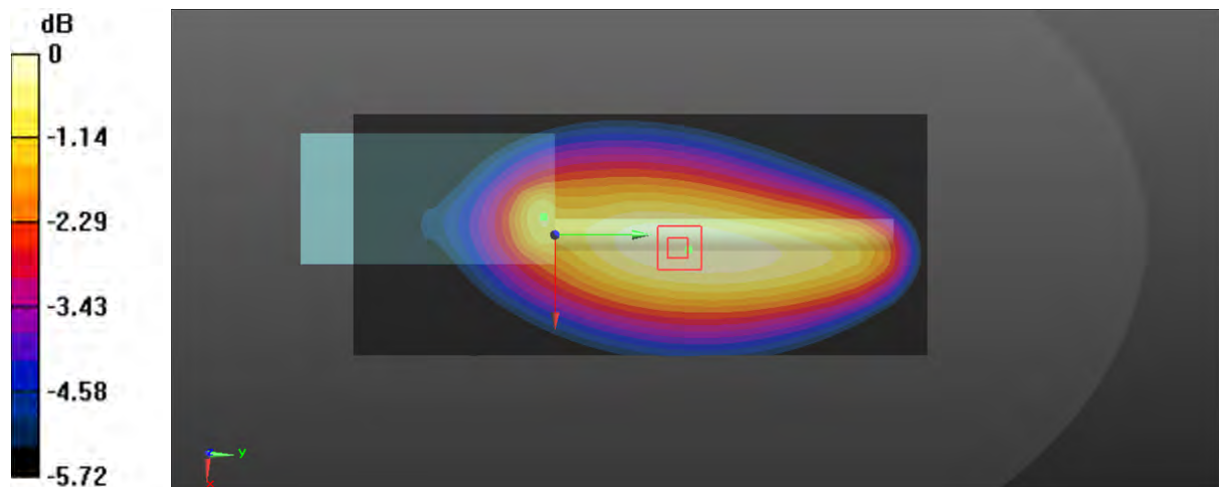
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 29.75 V/m ; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 1.10 W/kg

SAR(1 g) = 0.844 W/kg ; SAR(10 g) = 0.663 W/kg

Maximum value of SAR (measured) = 0.878 W/kg



0 dB = 0.878 W/kg = -0.57 dBW/kg

Plot 58#: FM 12.5kHz_150.0125MHz_Body Back_Antenna 6**DUT: Two Way Radio; Type: T03-00313-BCDA; Serial: CR22030025-SA-S1**

Communication System: FM; Frequency: 150.012 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 150.012$ MHz; $\sigma = 0.809$ S/m; $\epsilon_r = 61.485$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.51, 7.51, 7.51) @ 150.012 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 (81x191x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 3.96 W/kg

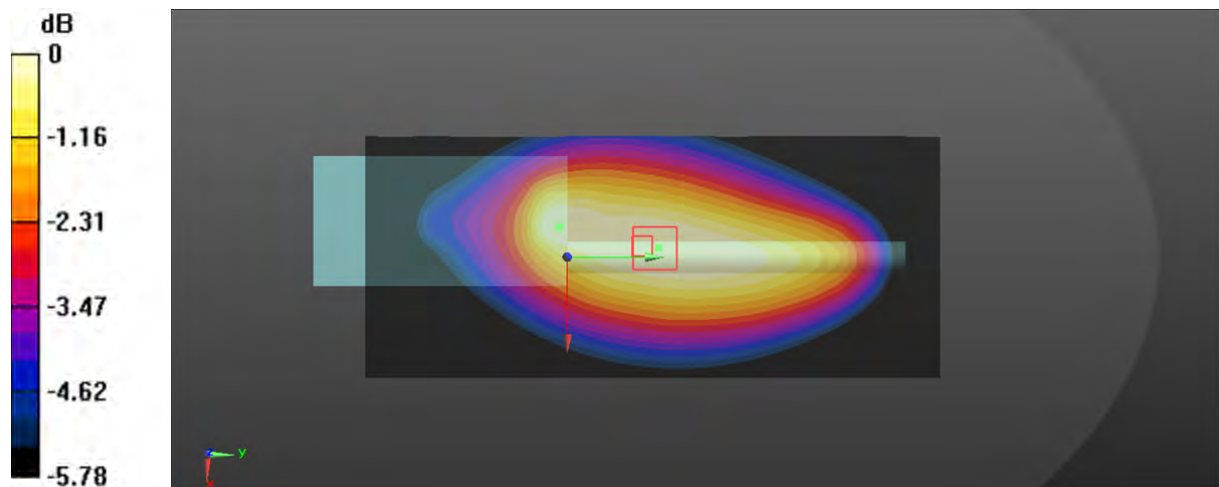
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 63.29 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 4.78 W/kg

SAR(1 g) = 3.67 W/kg; SAR(10 g) = 2.88 W/kg

Maximum value of SAR (measured) = 3.82 W/kg



0 dB = 3.82 W/kg = 5.82 dBW/kg

Plot 59#: FM 25kHz_136.0125MHz_Body Back_Antenna 5**DUT: Two Way Radio; Type: T03-00313-BCDA; Serial: CR22030025-SA-S1**

Communication System: FM; Frequency: 136.012 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 136.012$ MHz; $\sigma = 0.785$ S/m; $\epsilon_r = 63.466$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.51, 7.51, 7.51) @ 136.012 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 (81x191x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 6.33 W/kg

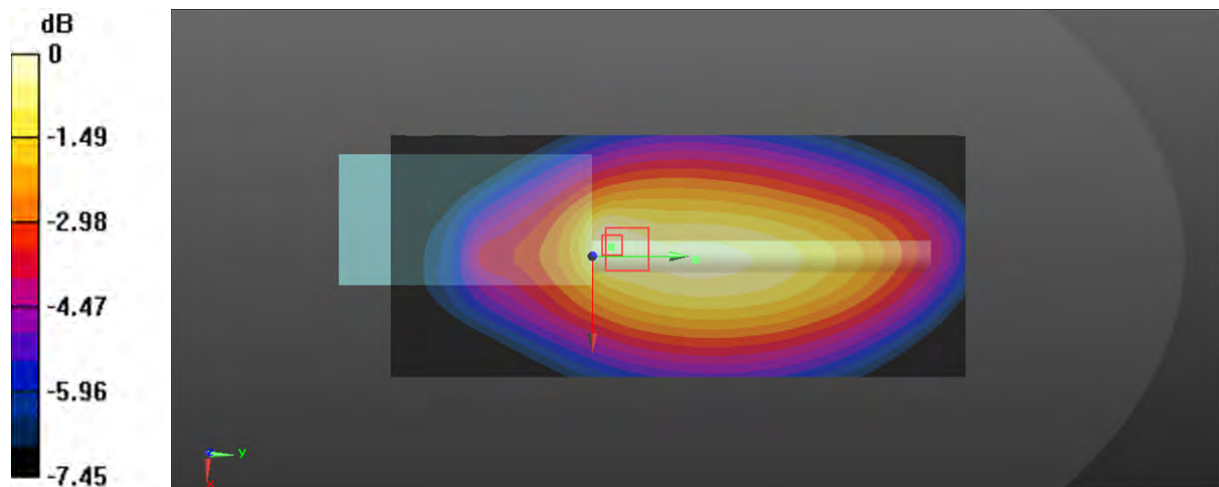
Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 84.24 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 9.44 W/kg

SAR(1 g) = 5.86 W/kg; SAR(10 g) = 4.21 W/kg

Maximum value of SAR (measured) = 6.21 W/kg



0 dB = 6.21 W/kg = 7.93 dBW/kg

Plot 60#: FM 25kHz_143MHz_Body Back_Antenna 5**DUT: Two Way Radio; Type: T03-00313-BCDA; Serial: CR22030025-SA-S1**

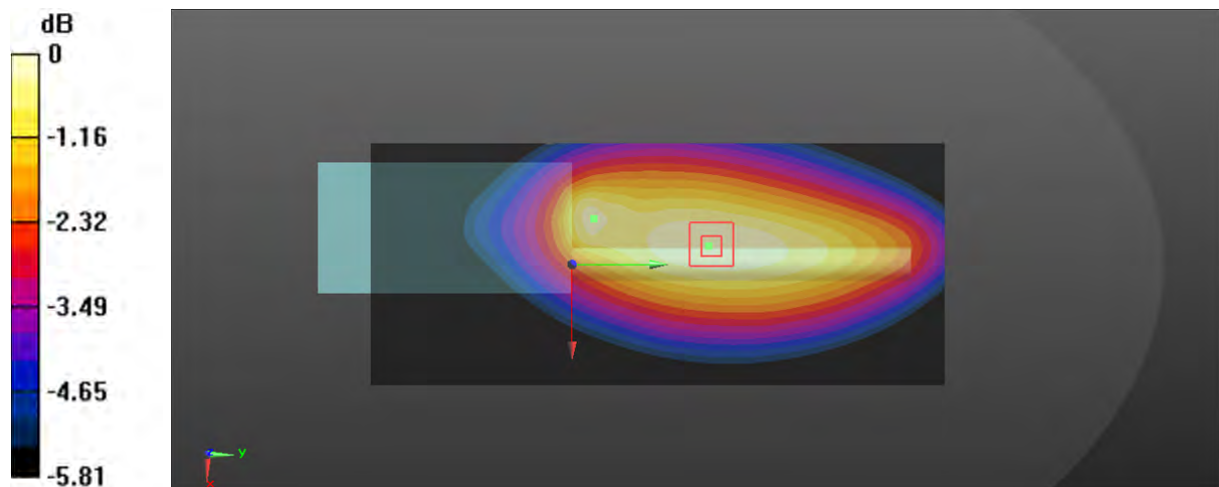
Communication System: FM; Frequency: 143 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 143 \text{ MHz}$; $\sigma = 0.79 \text{ S/m}$; $\epsilon_r = 63.123$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.51, 7.51, 7.51) @ 143 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 (81x191x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 2.11 W/kg **Zoom Scan (5x6x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 39.72 V/m ; Power Drift = -0.01 dB Peak SAR (extrapolated) = 2.64 W/kg **SAR(1 g) = 2.03 W/kg ; SAR(10 g) = 1.59 W/kg** Maximum value of SAR (measured) = 2.12 W/kg 0 dB = 2.12 W/kg = 3.26 dBW/kg

Plot 61#: FM 25kHz_149.9875MHz_Body Back_Antenna 5**DUT: Two Way Radio; Type: T03-00313-BCDA; Serial: CR22030025-SA-S1**

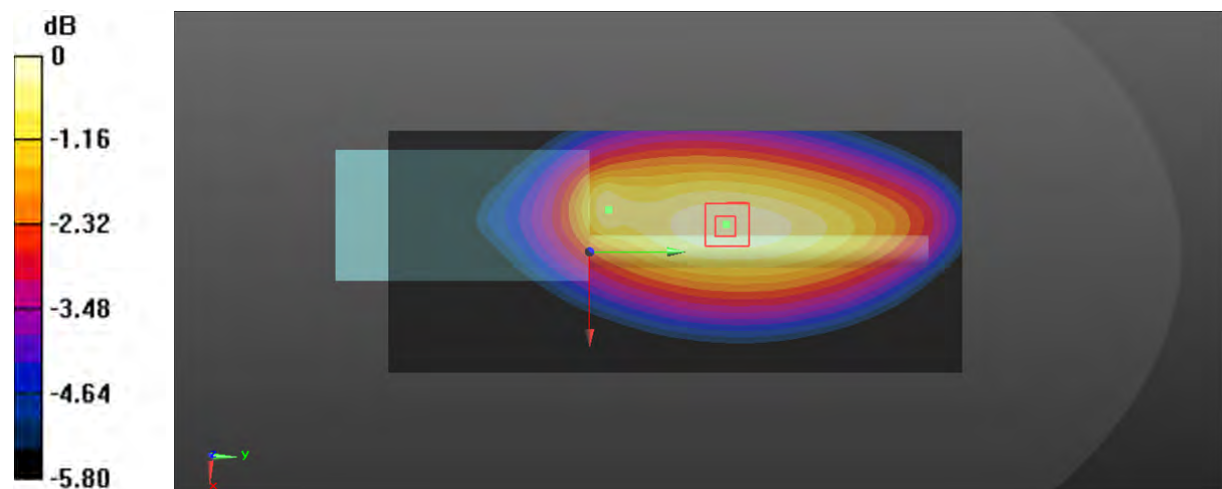
Communication System: FM; Frequency: 149.988 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 149.988 \text{ MHz}$; $\sigma = 0.799 \text{ S/m}$; $\epsilon_r = 61.489$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.51, 7.51, 7.51) @ 149.988 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 (81x191x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 1.05 W/kg **Zoom Scan (5x6x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 27.66 V/m ; Power Drift = 0.08 dB Peak SAR (extrapolated) = 1.32 W/kg **SAR(1 g) = 1.01 W/kg ; SAR(10 g) = 0.796 W/kg** Maximum value of SAR (measured) = 1.06 W/kg 0 dB = 1.06 W/kg = 0.25 dBW/kg

Plot 62#: FM 25kHz_150.0125MHz_Body Back_Antenna 6

DUT: Two Way Radio; Type: T03-00313-BCDA; Serial: CR22030025-SA-S1

Communication System: FM; Frequency: 150.012 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 150.012$ MHz; $\sigma = 0.809$ S/m; $\epsilon_r = 61.485$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.51, 7.51, 7.51) @ 150.012 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 (81x191x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 4.45 W/kg

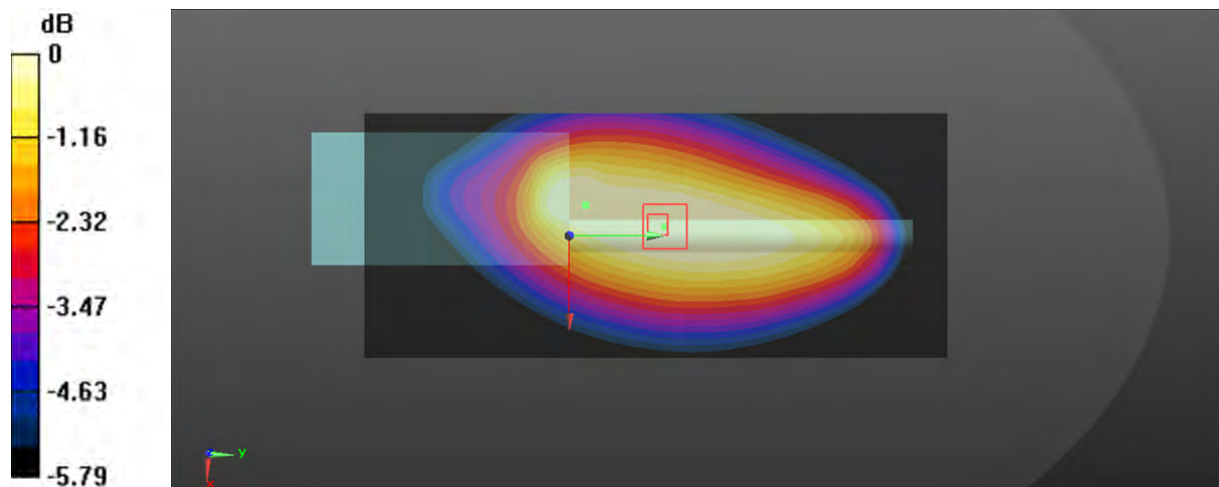
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 66.60 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 5.18 W/kg

SAR(1 g) = 4.66 W/kg; SAR(10 g) = 3.31 W/kg

Maximum value of SAR (measured) = 4.13 W/kg



0 dB = 4.13 W/kg = 6.16 dBW/kg

Plot 63#: FM 25kHz_158.0125MHz_Body Back_Antenna 6**DUT: Two Way Radio; Type: T03-00313-BCDA; Serial: CR22030025-SA-S1**

Communication System: FM; Frequency: 158.012 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 158.012$ MHz; $\sigma = 0.821$ S/m; $\epsilon_r = 60.769$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.51, 7.51, 7.51) @ 158.012 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 (81x191x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

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

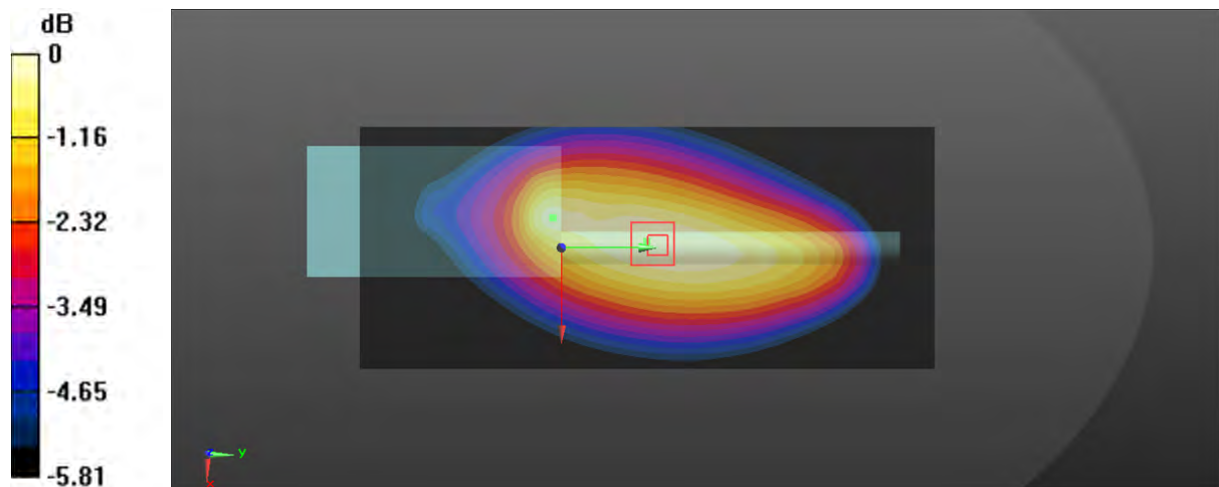
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 63.83 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 5.31 W/kg

SAR(1 g) = 4.07 W/kg; SAR(10 g) = 3.19 W/kg

Maximum value of SAR (measured) = 4.22 W/kg



0 dB = 4.22 W/kg = 6.25 dBW/kg

Plot 64#: FM 25kHz_165.9875MHz_Body Back_Antenna 6**DUT: Two Way Radio; Type: T03-00313-BCDA; Serial: CR22030025-SA-S1**

Communication System: FM; Frequency: 165.988 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 165.988$ MHz; $\sigma = 0.841$ S/m; $\epsilon_r = 60.693$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.51, 7.51, 7.51) @ 165.988 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 (81x191x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 2.35 W/kg

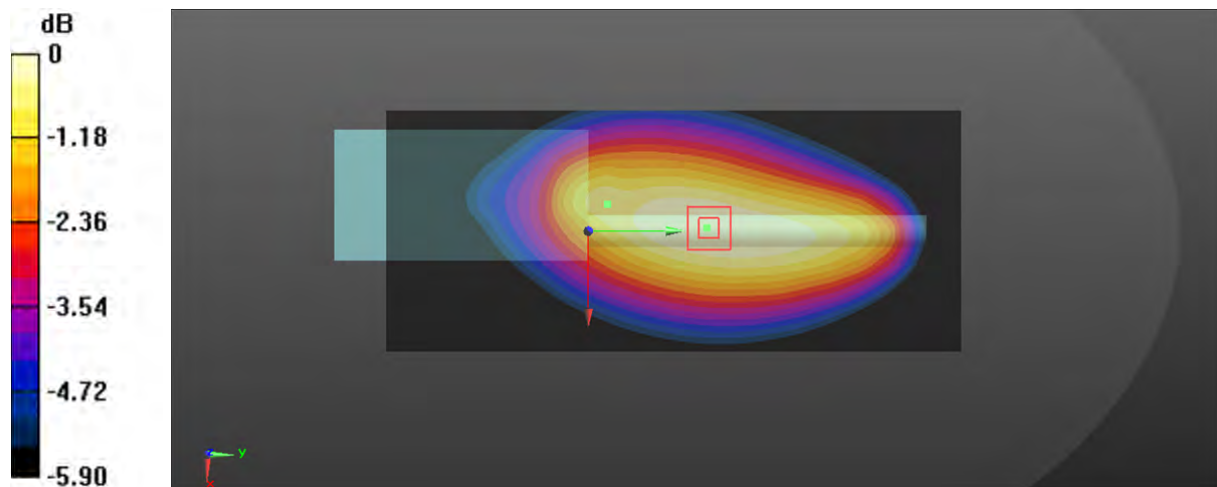
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 45.37 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 2.85 W/kg

SAR(1 g) = 2.18 W/kg; SAR(10 g) = 1.69 W/kg

Maximum value of SAR (measured) = 2.27 W/kg



0 dB = 2.27 W/kg = 3.56 dBW/kg

Plot 65#:FM 25kHz_173.9875MHz_Body Back_Antenna 6

DUT: Two Way Radio; Type: T03-00313-BCDA; Serial: CR22030025-SA-S1

Communication System: FM; Frequency: 173.988 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 173.988 \text{ MHz}$; $\sigma = 0.852 \text{ S/m}$; $\epsilon_r = 60.365$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.51, 7.51, 7.51) @ 173.988 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 (81x191x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 1.61 W/kg

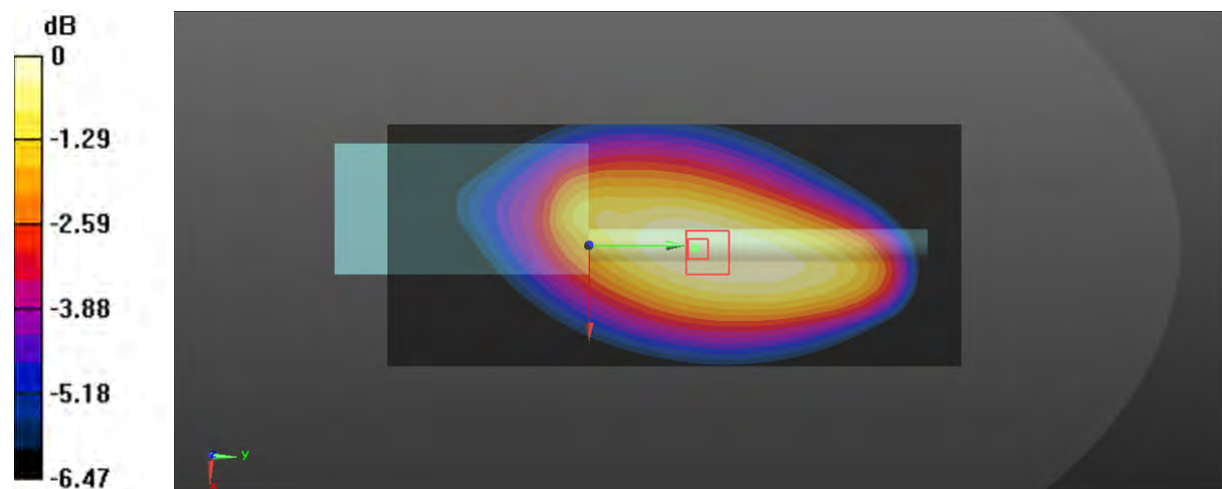
Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 35.83 V/m ; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.97 W/kg

SAR(1 g) = 1.5 W/kg ; SAR(10 g) = 1.17 W/kg

Maximum value of SAR (measured) = 1.57 W/kg



0 dB = $1.57 \text{ W/kg} = 1.96 \text{ dBW/kg}$

Plot 66#: 4FSK 12.5kHz_136.0125MHz_Body Back_Antenna 5

DUT: Two Way Radio; Type: T03-00313-BCDA; Serial: CR22030025-SA-S1

Communication System: 4FSK; Frequency: 136.012 MHz; Duty Cycle: 1:2

Medium parameters used: $f = 136.012$ MHz; $\sigma = 0.785$ S/m; $\epsilon_r = 63.466$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.51, 7.51, 7.51) @ 136.012 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 (81x191x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

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

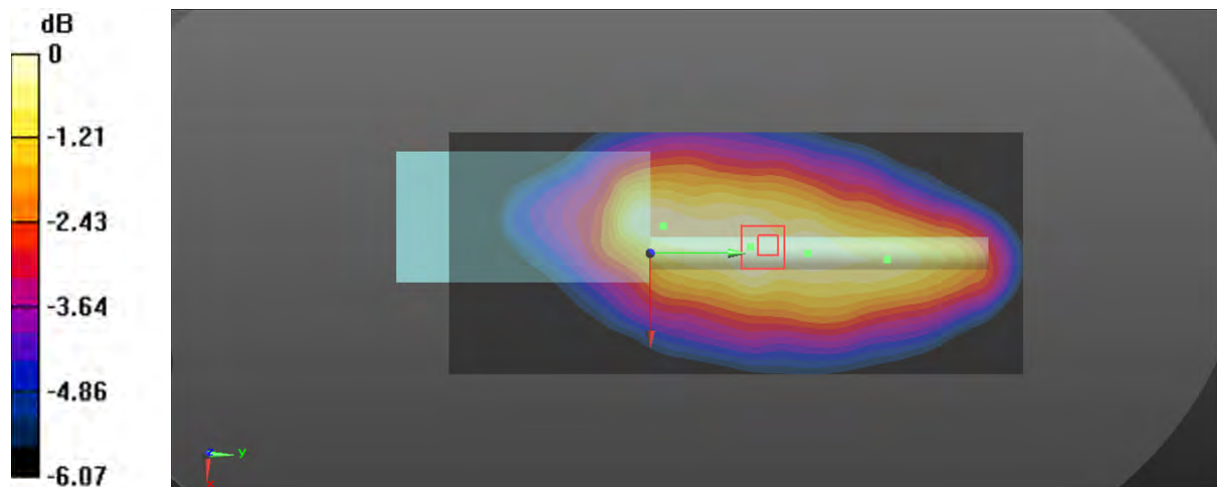
Zoom Scan (5x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 54.20 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 3.53 W/kg

SAR(1 g) = 2.62 W/kg; SAR(10 g) = 2.04 W/kg

Maximum value of SAR (measured) = 2.81 W/kg



0 dB = 2.81 W/kg = 4.49 dBW/kg

Plot 67#: 4FSK 12.5kHz_150.0125MHz_Body Back_Antenna 6**DUT: Two Way Radio; Type: T03-00313-BCDA; Serial: CR22030025-SA-S1**

Communication System: 4FSK; Frequency: 150.012 MHz; Duty Cycle: 1:2

Medium parameters used: $f = 150.012$ MHz; $\sigma = 0.809$ S/m; $\epsilon_r = 61.485$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.51, 7.51, 7.51) @ 158.012 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 (81x191x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.49 W/kg

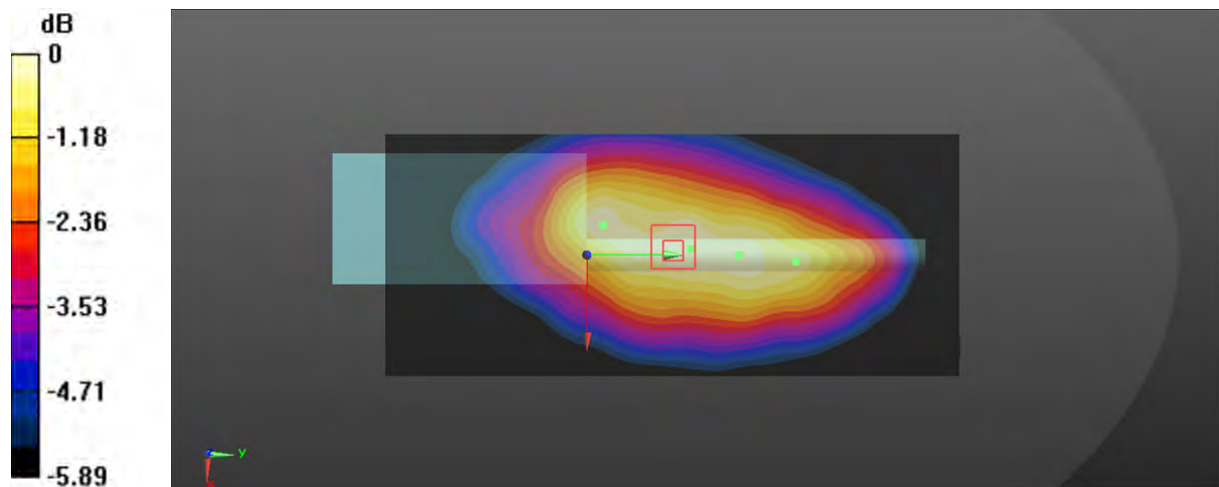
Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 36.60 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.83 W/kg

SAR(1 g) = 1.38 W/kg; SAR(10 g) = 1.08 W/kg

Maximum value of SAR (measured) = 1.45 W/kg



0 dB = 1.45 W/kg = 1.61 dBW/kg

Plot 68#: FM 25kHz_136.0125MHz_Face Up_Antenna 5**DUT: Two Way Radio; Type: T03-00313-BBEA; Serial: CR22030025-SA-S2**

Communication System: FM; Frequency: 136.012 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 136.012$ MHz; $\sigma = 0.741$ S/m; $\epsilon_r = 52.455$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.69, 7.69, 7.69) @ 136.012 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 (81x191x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.562 W/kg

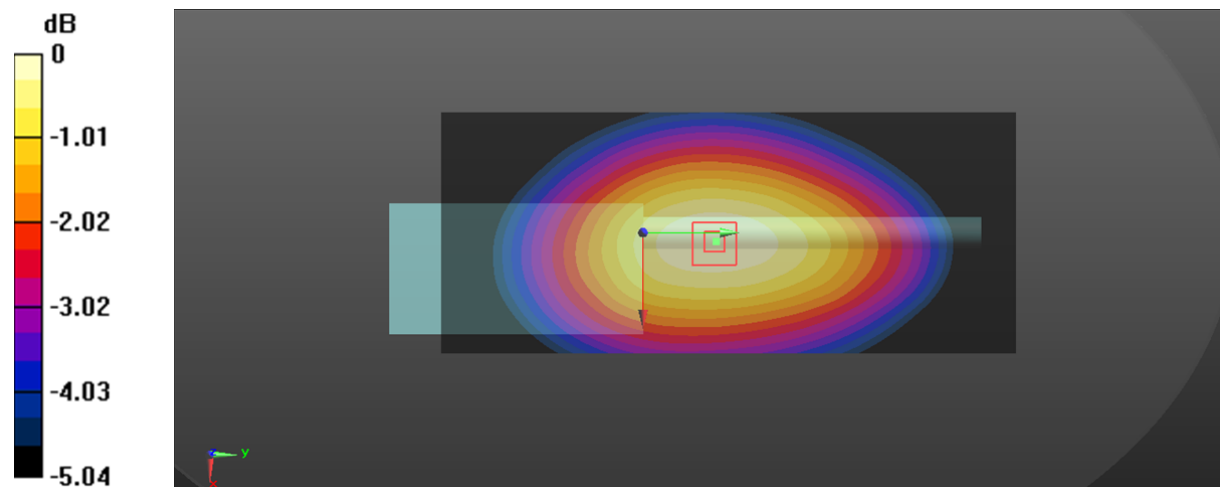
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.78 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.684 W/kg

SAR(1 g) = 0.545 W/kg; SAR(10 g) = 0.442 W/kg

Maximum value of SAR (measured) = 0.565 W/kg



0 dB = 0.565 W/kg = -2.48 dBW/kg

Plot 69#: FM 25kHz_150.0125MHz_Face Up_Antenna 6**DUT: Two Way Radio; Type: T03-00313-BBEA; Serial: CR22030025-SA-S2**

Communication System: FM; Frequency: 150.012 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 150.012$ MHz; $\sigma = 0.771$ S/m; $\epsilon_r = 52.689$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.69, 7.69, 7.69) @ 150.012 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 (81x191x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.568 W/kg

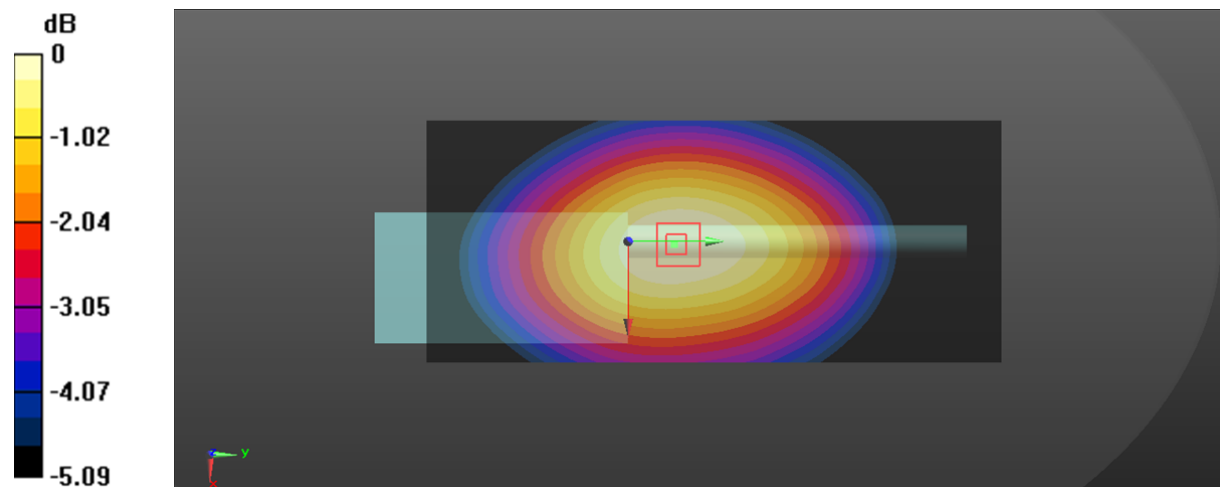
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.50 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.671 W/kg

SAR(1 g) = 0.535 W/kg; SAR(10 g) = 0.433 W/kg

Maximum value of SAR (measured) = 0.554 W/kg



0 dB = 0.554 W/kg = -2.56 dBW/kg

Plot 70#: FM 25kHz_136.0125MHz_Body Back_Antenna 5**DUT: Two Way Radio; Type: T03-00313-BBEA; Serial: CR22030025-SA-S2**

Communication System: FM; Frequency: 136.012 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 136.012$ MHz; $\sigma = 0.785$ S/m; $\epsilon_r = 63.466$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.51, 7.51, 7.51) @ 136.012 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 (81x191x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 6.30 W/kg

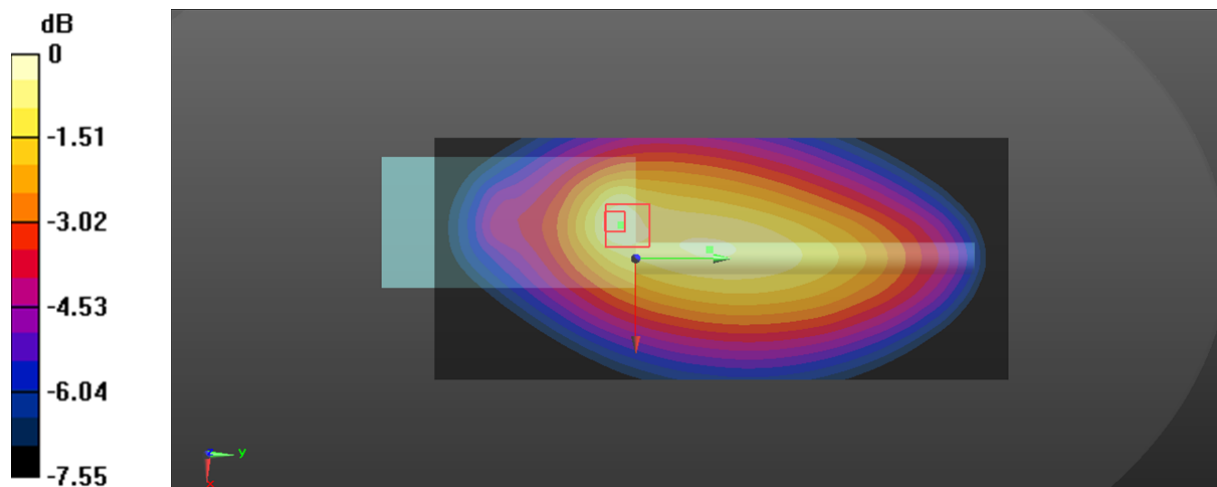
Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 80.10 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 10.1 W/kg

SAR(1 g) = 5.98 W/kg; SAR(10 g) = 4.19 W/kg

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



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

Plot 71#: FM 25kHz_150.0125MHz_Body Back_Antenna 6**DUT: Two Way Radio; Type: T03-00313-BBEA; Serial: CR22030025-SA-S2**

Communication System: FM; Frequency: 150.012 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 150.012$ MHz; $\sigma = 0.809$ S/m; $\epsilon_r = 61.485$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.51, 7.51, 7.51) @ 150.012 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 (81x191x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 3.56 W/kg

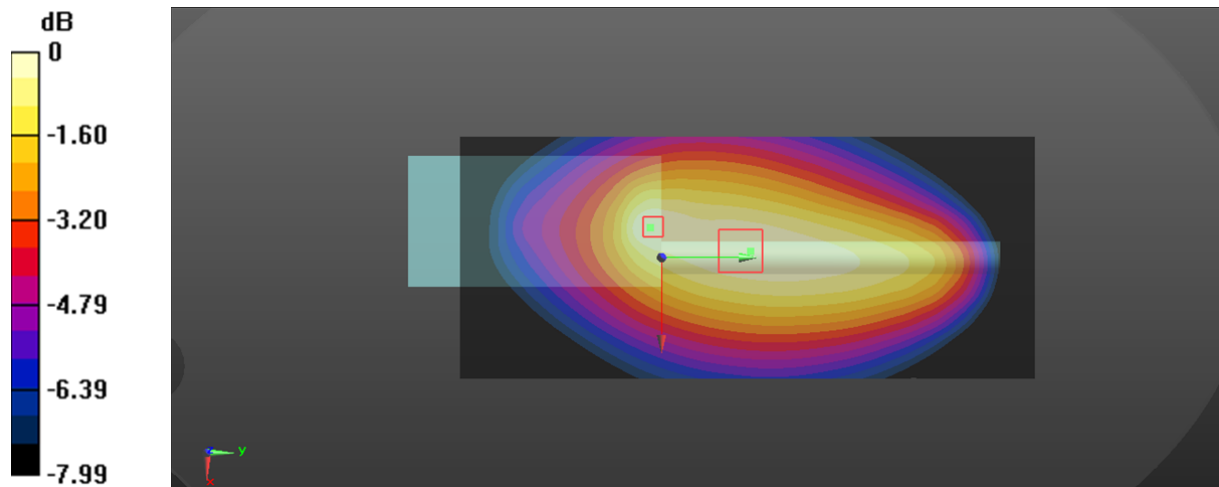
Zoom Scan (7x11x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 61.10 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 5.21 W/kg

SAR(1 g) = 3.26 W/kg; SAR(10 g) = 2.52 W/kg

Maximum value of SAR (measured) = 3.45 W/kg



0 dB = 3.45 W/kg = 5.38 dBW/kg

Plot 72#:FM 25kHz_136.0125MHz_Face Up_Antenna 5

DUT: Two Way Radio; Type: T03-00313-BAAA; Serial: CR22030025-SA-S3-S3

Communication System: FM; Frequency: 136.012 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 136.012$ MHz; $\sigma = 0.741$ S/m; $\epsilon_r = 53.455$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.69, 7.69, 7.69) @ 136.012 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 (81x191x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.500 W/kg

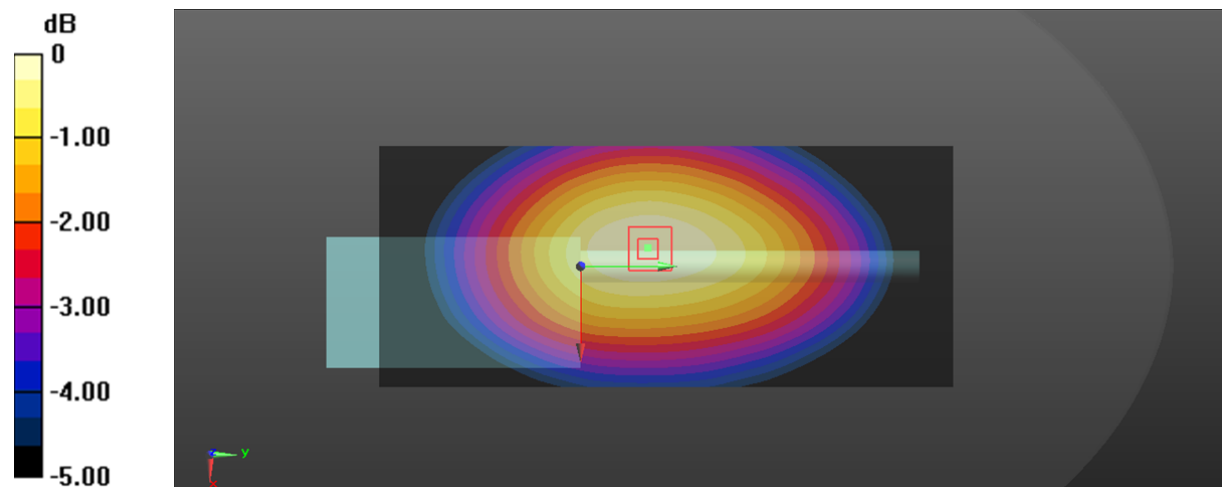
Zoom Scan (6x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 24.34 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.598 W/kg

SAR(1 g) = 0.482 W/kg; SAR(10 g) = 0.395 W/kg

Maximum value of SAR (measured) = 0.497 W/kg



0 dB = 0.497 W/kg = -3.04 dBW/kg

Plot 73#:FM 25kHz_150.0125MHz_Face Up_Antenna 6

DUT: Two Way Radio; Type: T03-00313-BAAA; Serial: CR22030025-SA-S3

Communication System: FM; Frequency: 150.012 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 150.012$ MHz; $\sigma = 0.771$ S/m; $\epsilon_r = 52.689$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.69, 7.69, 7.69) @ 150.012 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 (81x191x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.662 W/kg

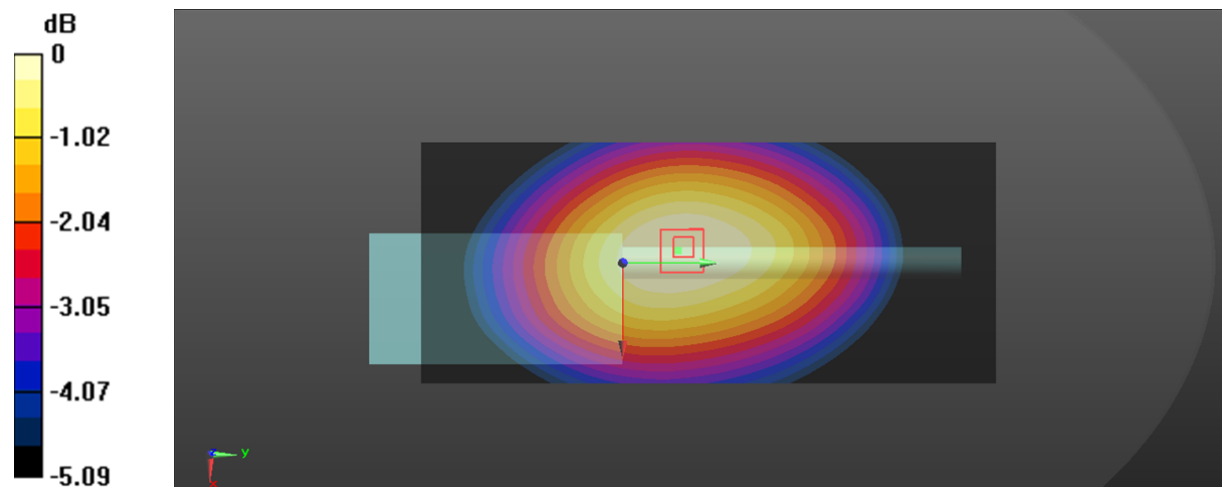
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.13 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.775 W/kg

SAR(1 g) = 0.620 W/kg; SAR(10 g) = 0.503 W/kg

Maximum value of SAR (measured) = 0.640 W/kg



0 dB = 0.640 W/kg = -1.94 dBW/kg

Plot 74#:FM 25kHz_136.012MHz_Body Back_Antenna 5**DUT: Two Way Radio; Type: T03-00313-BAAA; Serial: CR22030025-SA-S3**

Communication System: FM; Frequency: 136.012 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 136.012$ MHz; $\sigma = 0.765$ S/m; $\epsilon_r = 63.437$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.51, 7.51, 7.51) @ 136.012 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 (81x191x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 5.16 W/kg

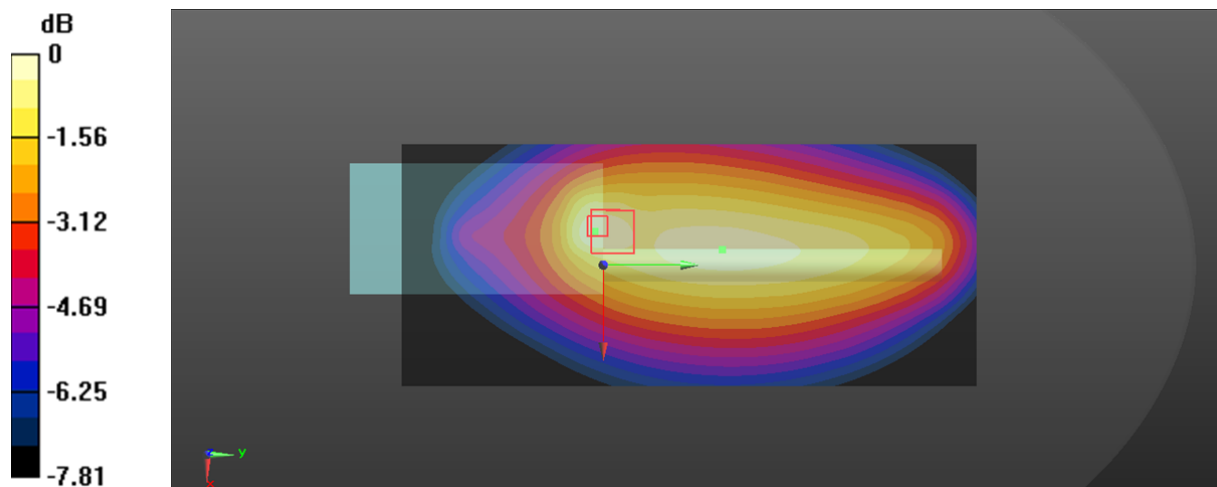
Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 72.87 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 8.36 W/kg

SAR(1 g) = 4.98 W/kg; SAR(10 g) = 3.51 W/kg

Maximum value of SAR (measured) = 5.24 W/kg



0 dB = 5.24 W/kg = 7.19 dBW/kg

Plot 75#:FM 25kHz_150.0125MHz_Body Back_Antenna 6

DUT: Two Way Radio; Type: T03-00313-BAAA; Serial: CR22030025-SA-S3

Communication System: FM; Frequency: 150.012 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 150.012$ MHz; $\sigma = 0.779$ S/m; $\epsilon_r = 61.598$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.51, 7.51, 7.51) @ 150.012 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 (81x191x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 3.73 W/kg

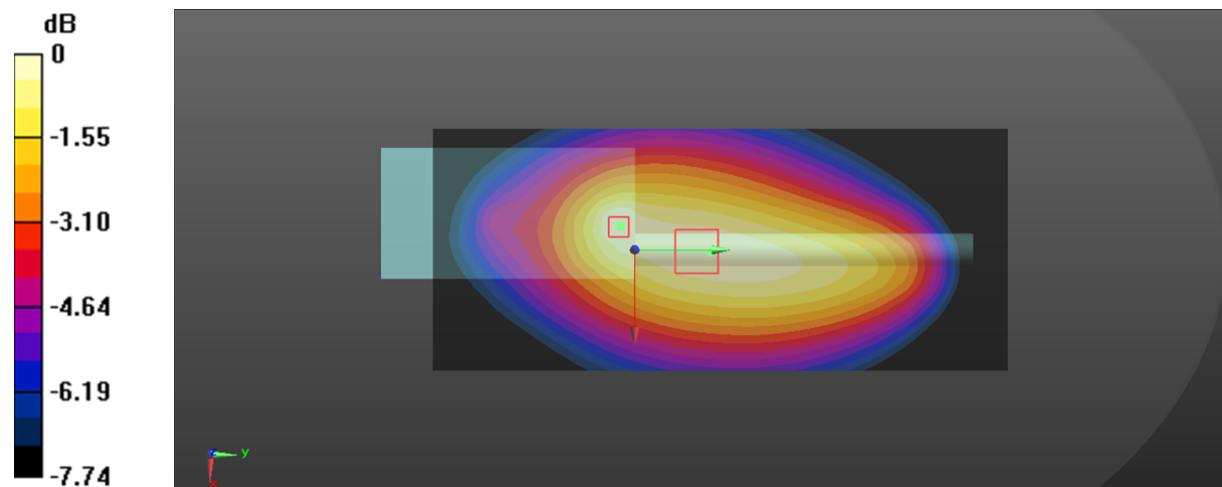
Zoom Scan (7x10x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 65.03 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 5.40 W/kg

SAR(1 g) = 3.37 W/kg; SAR(10 g) = 2.52 W/kg

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



0 dB = 3.57 W/kg = 5.53 dBW/kg