

**Plot 1#:467.5125MHz \_Face Up \_12.5kHz \_ANT1**

**DUT: TP3300 Two Way Radio; Type: T03-00312-HCDA; Serial: CR21120025-SA-S1**

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

Medium parameters used:  $f = 467.512$  MHz;  $\sigma = 0.854$  S/m;  $\epsilon_r = 44.481$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

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

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

Maximum value of SAR (interpolated) = 5.76 W/kg

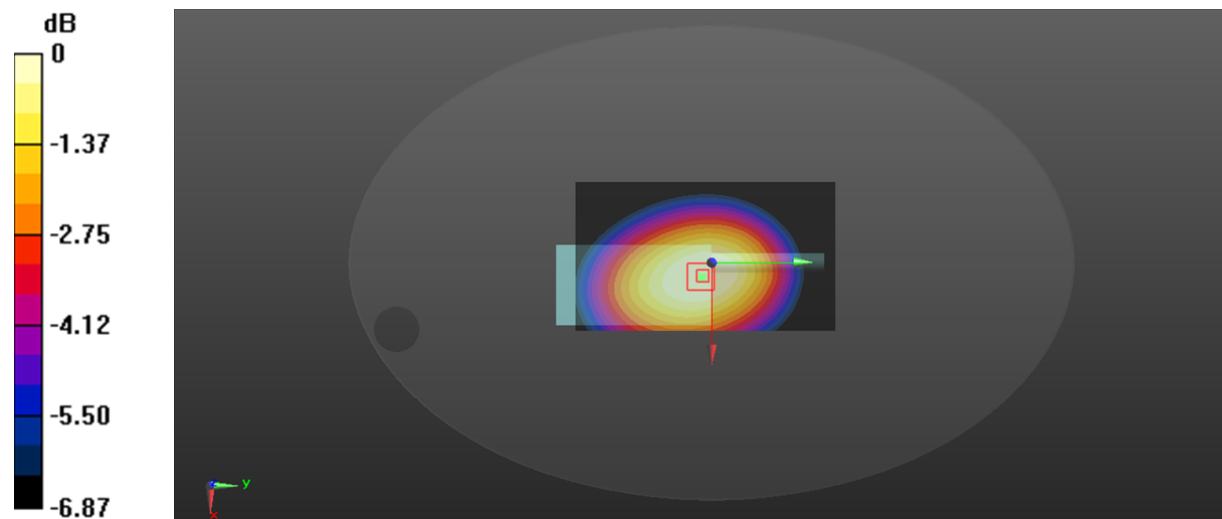
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 83.78 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 7.18 W/kg

**SAR(1 g) = 5.26 W/kg; SAR(10 g) = 3.99 W/kg**

Maximum value of SAR (measured) = 5.48 W/kg



0 dB = 5.48 W/kg = 7.39 dBW/kg

Plot 2#:467.5125MHz\_Face Up \_25kHz\_ANT1

DUT: TP3300 Two Way Radio; Type: T03-00312-HCDA; Serial: CR21120025-SA-S1

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

Medium parameters used:  $f = 467.512$  MHz;  $\sigma = 0.854$  S/m;  $\epsilon_r = 44.481$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

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

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

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

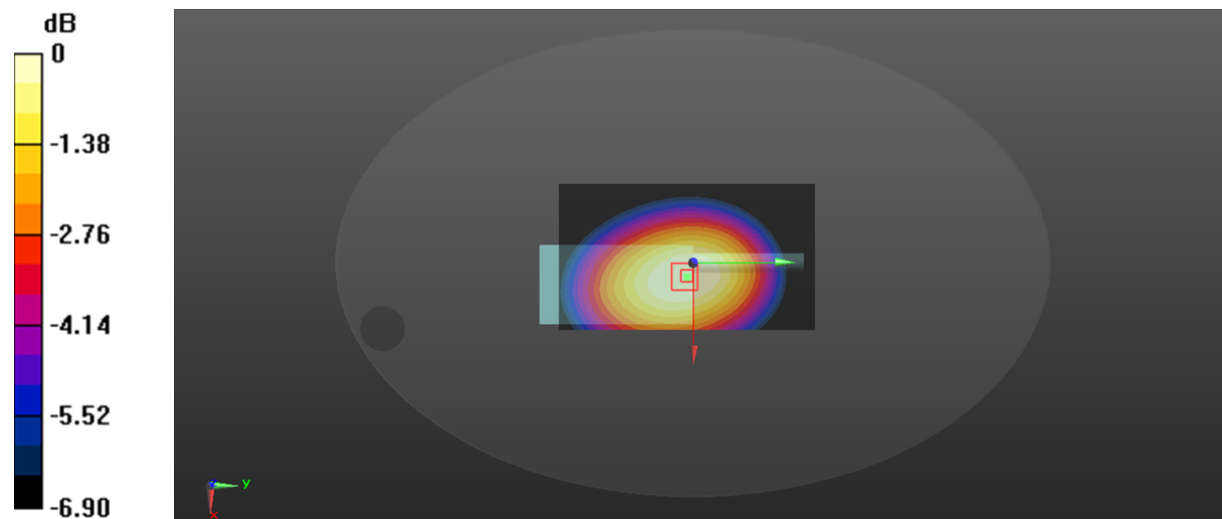
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 80.19 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 6.77 W/kg

**SAR(1 g) = 4.96 W/kg; SAR(10 g) = 3.77 W/kg**

Maximum value of SAR (measured) = 5.15 W/kg



0 dB = 5.15 W/kg = 7.12 dBW/kg

**Plot 3#:467.5125MHz\_4FSK\_ANT1**

**DUT: TP3300 Two Way Radio; Type: T03-00312-HCDA; Serial: CR21120025-SA-S1**

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

Medium parameters used:  $f = 467.512$  MHz;  $\sigma = 0.854$  S/m;  $\epsilon_r = 44.481$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

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

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

Maximum value of SAR (interpolated) = 2.01 W/kg

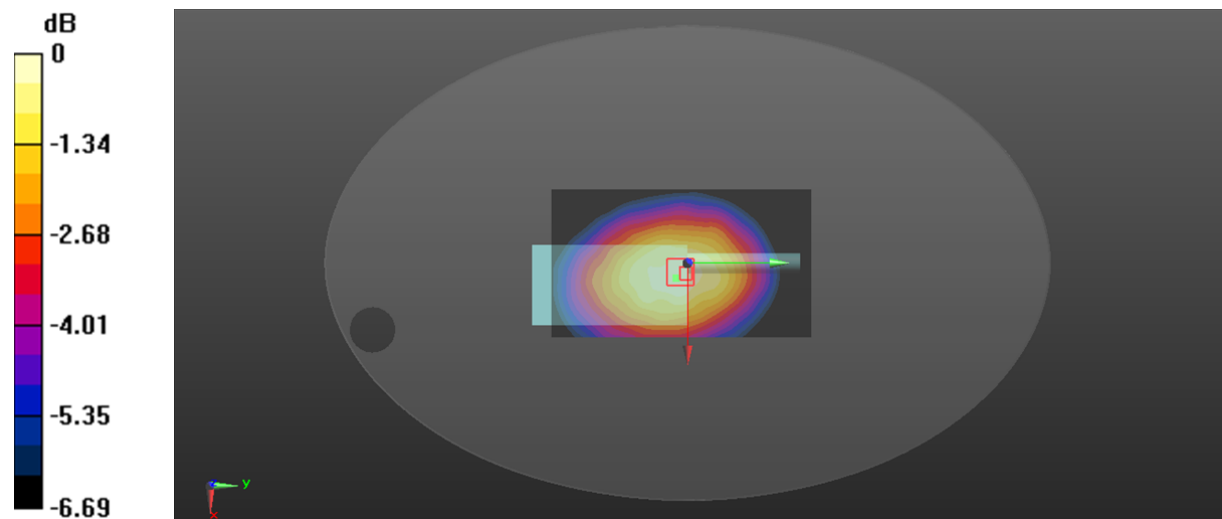
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 48.31 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 2.52 W/kg

**SAR(1 g) = 1.85 W/kg; SAR(10 g) = 1.42 W/kg**

Maximum value of SAR (measured) = 1.98 W/kg



0 dB = 1.98 W/kg = 2.97 dBW/kg

**Plot 4#:450.0125MHz\_ Body Back \_12.5kHz\_ ANT1**

**DUT: TP3300 Two Way Radio; Type: T03-00312-HCDA; Serial: CR21120025-SA-S1**

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

Medium parameters used:  $f = 450.012$  MHz;  $\sigma = 0.847$  S/m;  $\epsilon_r = 44.537$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

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

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

Maximum value of SAR (interpolated) = 9.48 W/kg

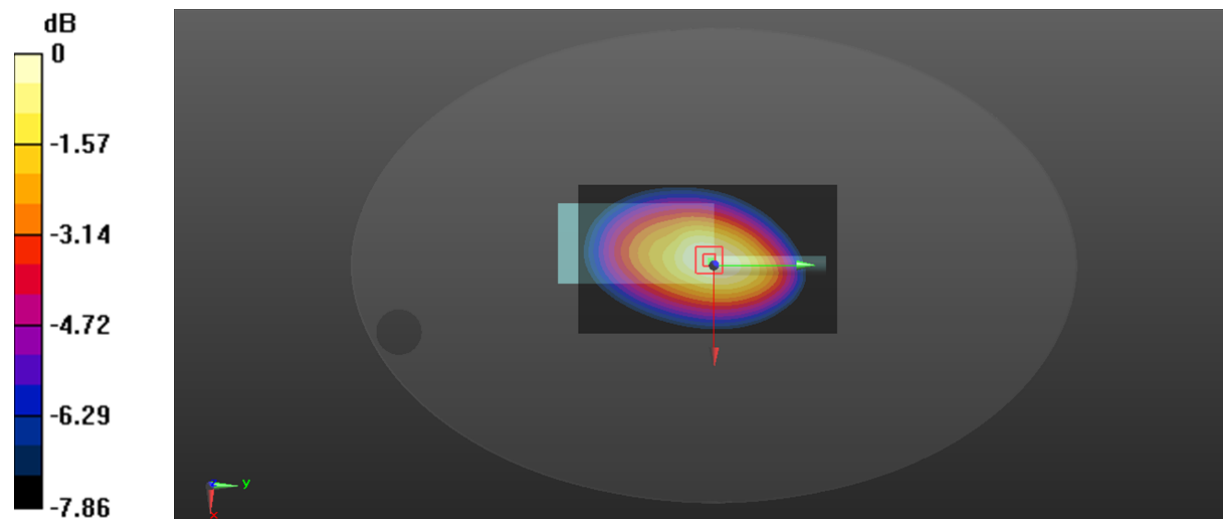
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 108.5 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 13.0 W/kg

**SAR(1 g) = 8.88 W/kg; SAR(10 g) = 6.44 W/kg**

Maximum value of SAR (measured) = 9.27 W/kg



0 dB = 9.27 W/kg = 9.67 dBW/kg

**Plot 5#:467.5125MHz\_ Body Back \_12.5kHz\_ ANT1**

**DUT: TP3300 Two Way Radio; Type: T03-00312-HCDA; Serial: CR21120025-SA-S1**

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

Medium parameters used:  $f = 467.512$  MHz;  $\sigma = 0.854$  S/m;  $\epsilon_r = 44.481$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

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

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

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

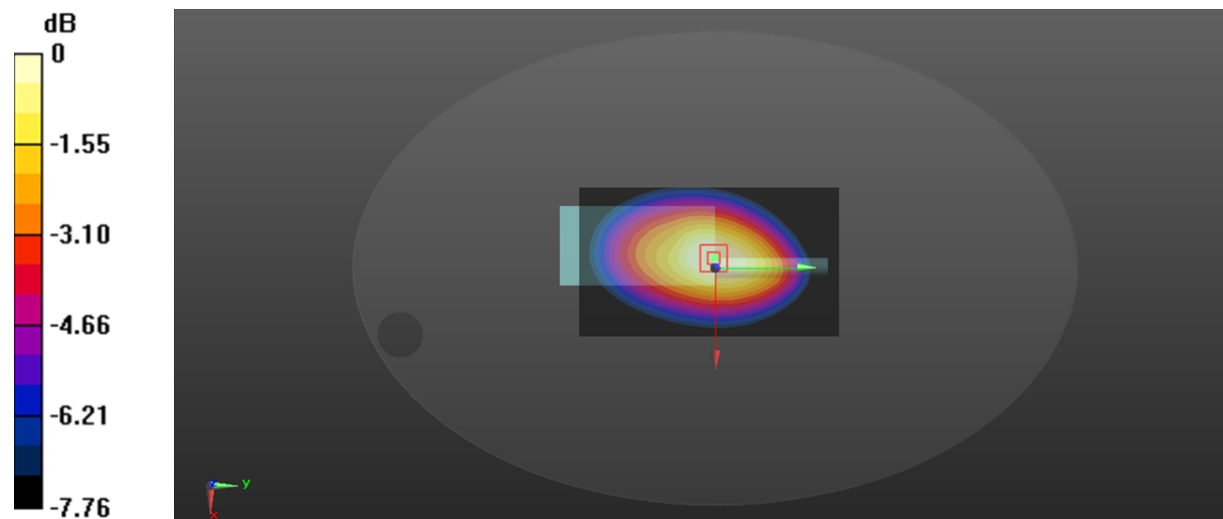
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 113.3 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 14.0 W/kg

**SAR(1 g) = 9.67 W/kg; SAR(10 g) = 7.03 W/kg**

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



0 dB = 10.1 W/kg = 10.04 dBW/kg

**Plot 6#:485MHz\_ Body Back \_12.5kHz\_ ANT1**

**DUT: TP3300 Two Way Radio; Type: T03-00312-HCDA; Serial: CR21120025-SA-S1**

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

Medium parameters used:  $f = 485$  MHz;  $\sigma = 0.858$  S/m;  $\epsilon_r = 44.224$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

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

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

Maximum value of SAR (interpolated) = 8.48 W/kg

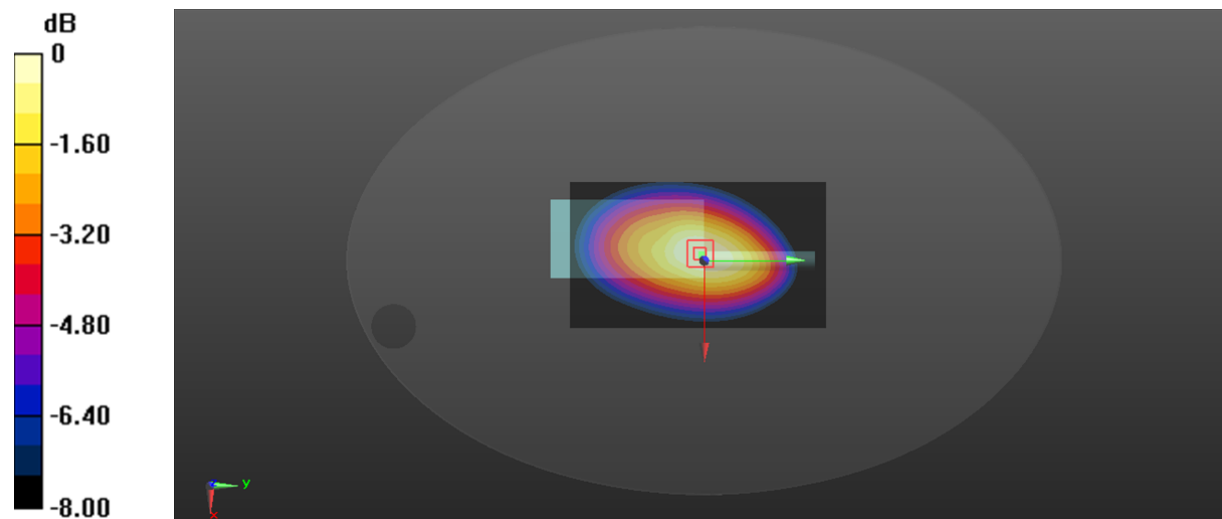
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 102.2 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 11.6 W/kg

**SAR(1 g) = 7.87 W/kg; SAR(10 g) = 5.68 W/kg**

Maximum value of SAR (measured) = 8.25 W/kg



0 dB = 8.25 W/kg = 9.16 dBW/kg

Plot 7#:502.4875MHz\_ Body Back \_12.5kHz\_ ANT1

DUT: TP3300 Two Way Radio; Type: T03-00312-HCDA; Serial: CR21120025-SA-S1

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

Medium parameters used:  $f = 502.488$  MHz;  $\sigma = 0.865$  S/m;  $\epsilon_r = 44.143$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

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

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

Maximum value of SAR (interpolated) = 8.00 W/kg

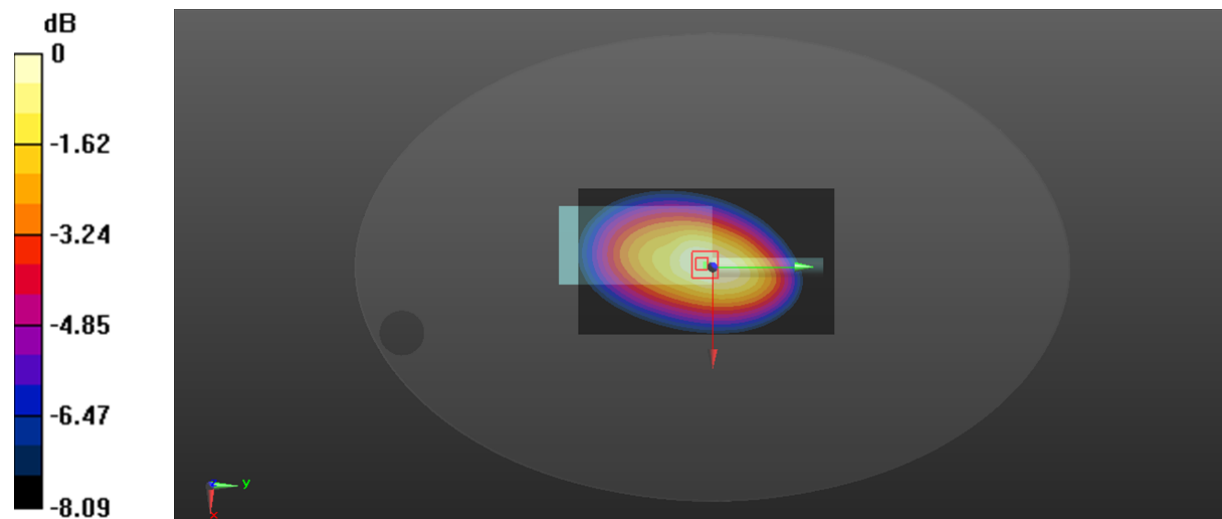
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 99.61 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 11.1 W/kg

**SAR(1 g) = 7.52 W/kg; SAR(10 g) = 5.4 W/kg**

Maximum value of SAR (measured) = 7.84 W/kg



0 dB = 7.84 W/kg = 8.94 dBW/kg

**Plot 8#:519.9875MHz\_ Body Back \_12.5kHz\_ ANT1**

**DUT: TP3300 Two Way Radio; Type: T03-00312-HCDA; Serial: CR21120025-SA-S1**

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

Medium parameters used:  $f = 519.988$  MHz;  $\sigma = 0.876$  S/m;  $\epsilon_r = 43.947$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

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

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

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

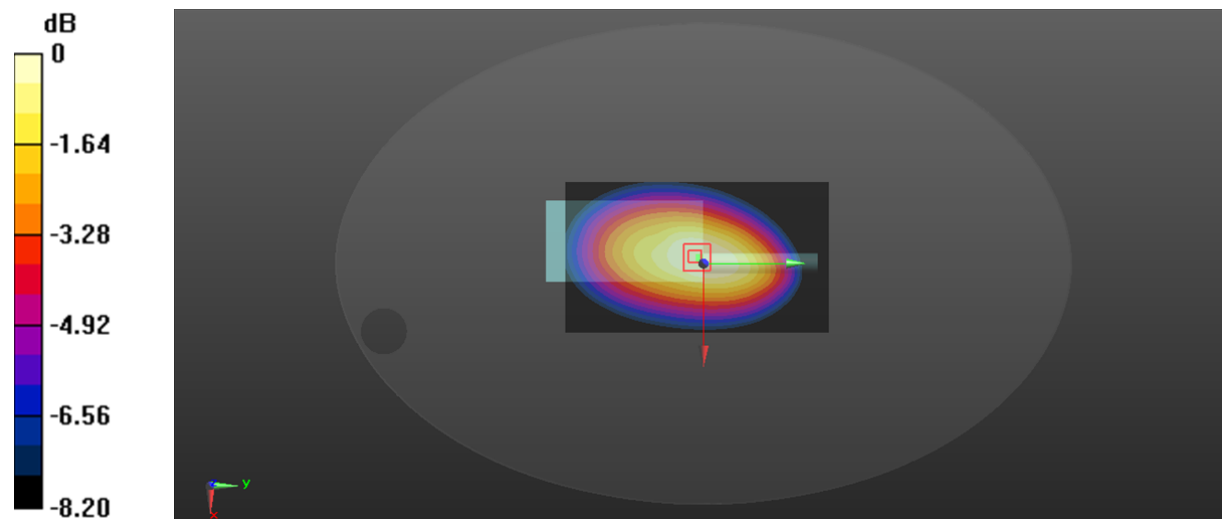
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 105.6 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 11.7 W/kg

**SAR(1 g) = 7.84 W/kg; SAR(10 g) = 5.61 W/kg**

Maximum value of SAR (measured) = 8.20 W/kg



0 dB = 8.20 W/kg = 9.14 dBW/kg



**Plot 9#:450.0125MHz\_ Body Back \_25kHz\_ ANT1**

**DUT: TP3300 Two Way Radio; Type: T03-00312-HCDA; Serial: CR21120025-SA-S1**

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

Medium parameters used:  $f = 450.012\text{MHz}$ ;  $\sigma = 0.847\text{ S/m}$ ;  $\epsilon_r = 44.537$ ;  $\rho = 1000\text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

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

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

Maximum value of SAR (interpolated) =  $9.97\text{ W/kg}$

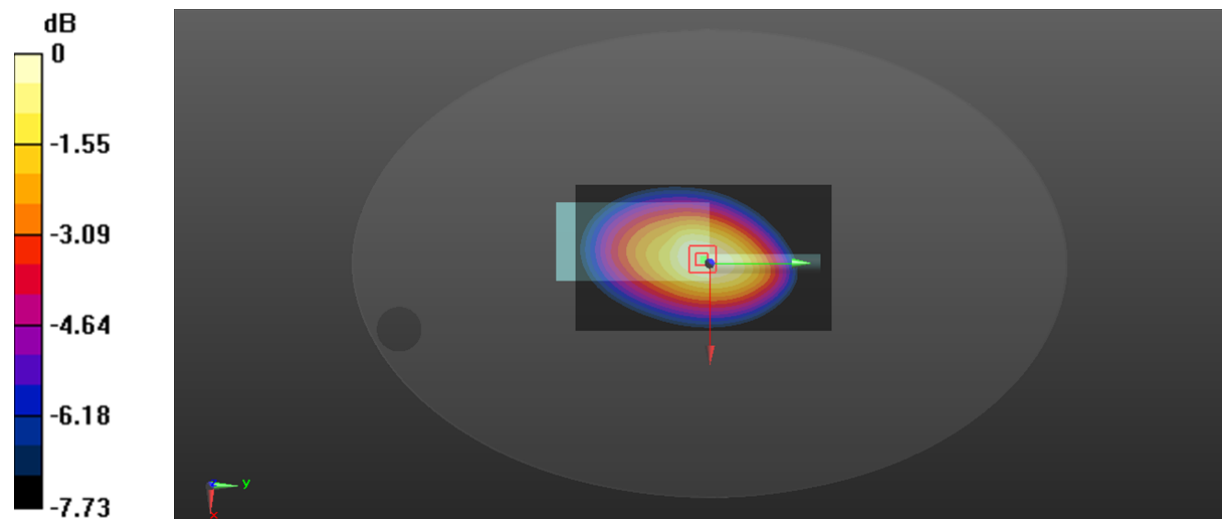
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $111.9\text{ V/m}$ ; Power Drift =  $-0.13\text{ dB}$

Peak SAR (extrapolated) =  $13.5\text{ W/kg}$

**SAR(1 g) =  $9.25\text{ W/kg}$ ; SAR(10 g) =  $6.72\text{ W/kg}$**

Maximum value of SAR (measured) =  $9.67\text{ W/kg}$



0 dB =  $9.67\text{ W/kg}$  =  $9.85\text{ dBW/kg}$

**Plot 10#:467.5125MHz\_Body Back\_25kHz\_ANT1**

**DUT: TP3300 Two Way Radio; Type: T03-00312-HCDA; Serial: CR21120025-SA-S1**

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

Medium parameters used:  $f = 467.512$  MHz;  $\sigma = 0.854$  S/m;  $\epsilon_r = 44.481$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

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

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

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

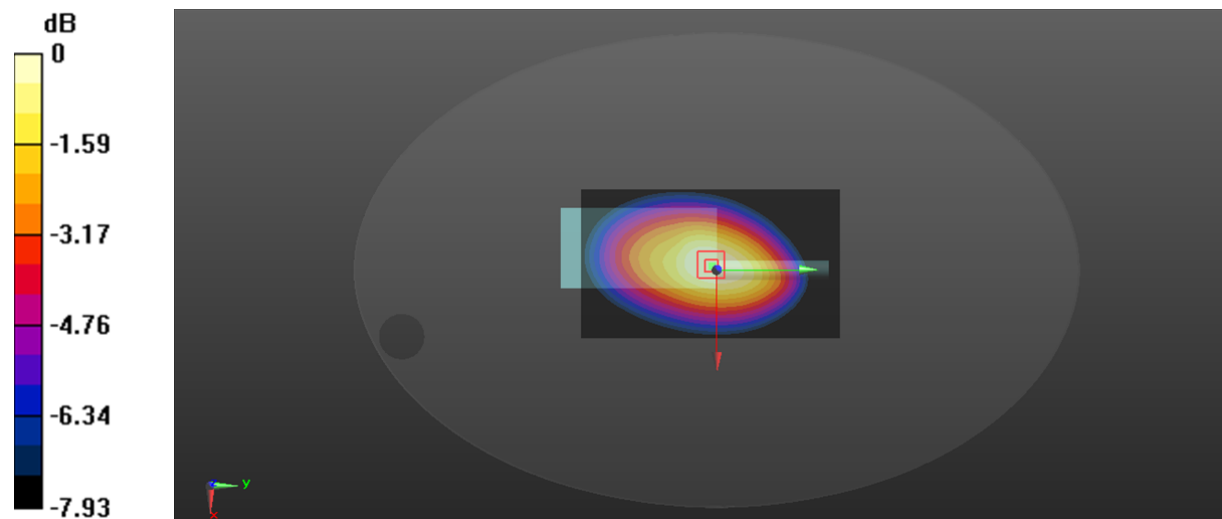
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 116.1 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 14.4 W/kg

**SAR(1 g) = 9.8 W/kg; SAR(10 g) = 7.07 W/kg**

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



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

**Plot 11#:485MHz\_Body Back\_25kHz\_ANT1****DUT: TP3300 Two Way Radio; Type: T03-00312-HCDA; Serial: CR21120025-SA-S1**

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

Medium parameters used:  $f = 485$  MHz;  $\sigma = 0.858$  S/m;  $\epsilon_r = 44.224$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

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

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

Maximum value of SAR (interpolated) = 8.16 W/kg

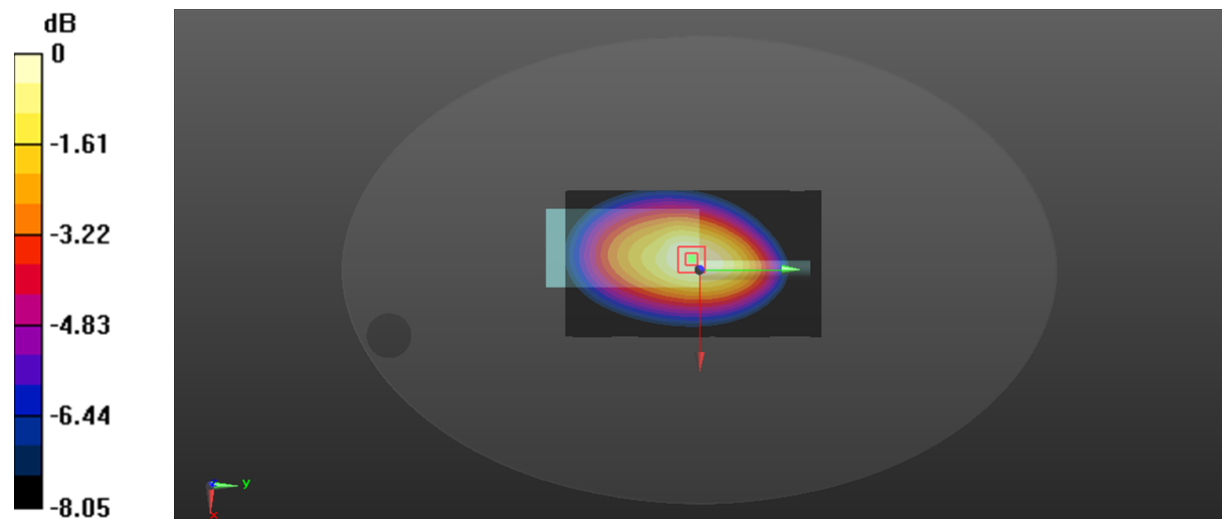
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 98.22 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 11.2 W/kg

**SAR(1 g) = 7.65 W/kg; SAR(10 g) = 5.51 W/kg**

Maximum value of SAR (measured) = 8.02 W/kg



0 dB = 8.02 W/kg = 9.04 dBW/kg

**Plot 12#:502.4875MHz\_Body Back\_25kHz\_ANT1**

**DUT: TP3300 Two Way Radio; Type: T03-00312-HCDA; Serial: CR21120025-SA-S1**

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

Medium parameters used:  $f = 502.488$  MHz;  $\sigma = 0.865$  S/m;  $\epsilon_r = 44.143$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

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

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

Maximum value of SAR (interpolated) = 7.95 W/kg

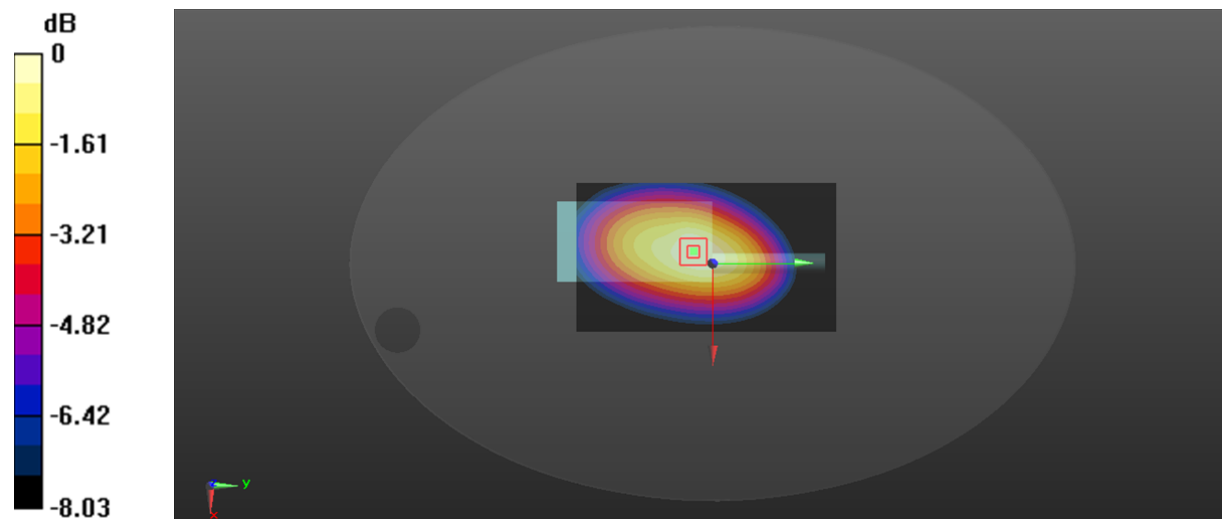
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 96.04 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 10.9 W/kg

**SAR(1 g) = 7.42 W/kg; SAR(10 g) = 5.33 W/kg**

Maximum value of SAR (measured) = 7.81 W/kg



0 dB = 7.81 W/kg = 8.93 dBW/kg

**Plot 13#:519.9875MHz\_Body Back\_25kHz\_ANT1****DUT: TP3300 Two Way Radio; Type: T03-00312-HCDA; Serial: CR21120025-SA-S1**

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

Medium parameters used:  $f = 519.988$  MHz;  $\sigma = 0.876$  S/m;  $\epsilon_r = 43.947$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

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

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

Maximum value of SAR (interpolated) = 7.60 W/kg

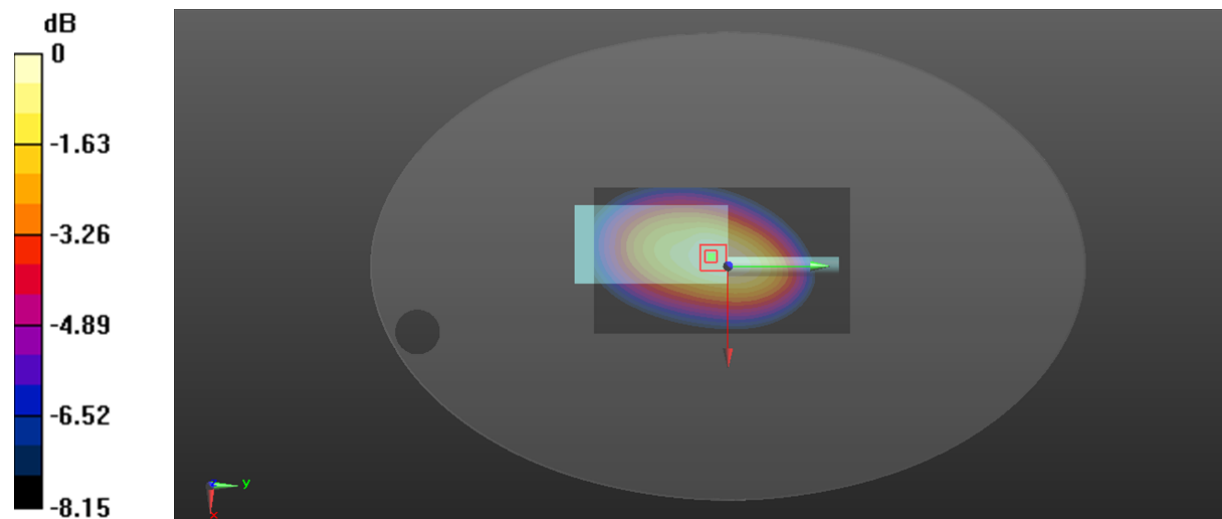
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 95.47 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 10.5 W/kg

**SAR(1 g) = 7.03 W/kg; SAR(10 g) = 5.03 W/kg**

Maximum value of SAR (measured) = 7.38 W/kg



0 dB = 7.38 W/kg = 8.68 dBW/kg

**Plot 14#:467.5125MHz\_Body Back\_4FSK\_ANT1****DUT: TP3300 Two Way Radio; Type: T03-00312-HCDA; Serial: CR21120025-SA-S1**

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

Medium parameters used:  $f = 467.512$  MHz;  $\sigma = 0.854$  S/m;  $\epsilon_r = 44.481$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

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

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

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

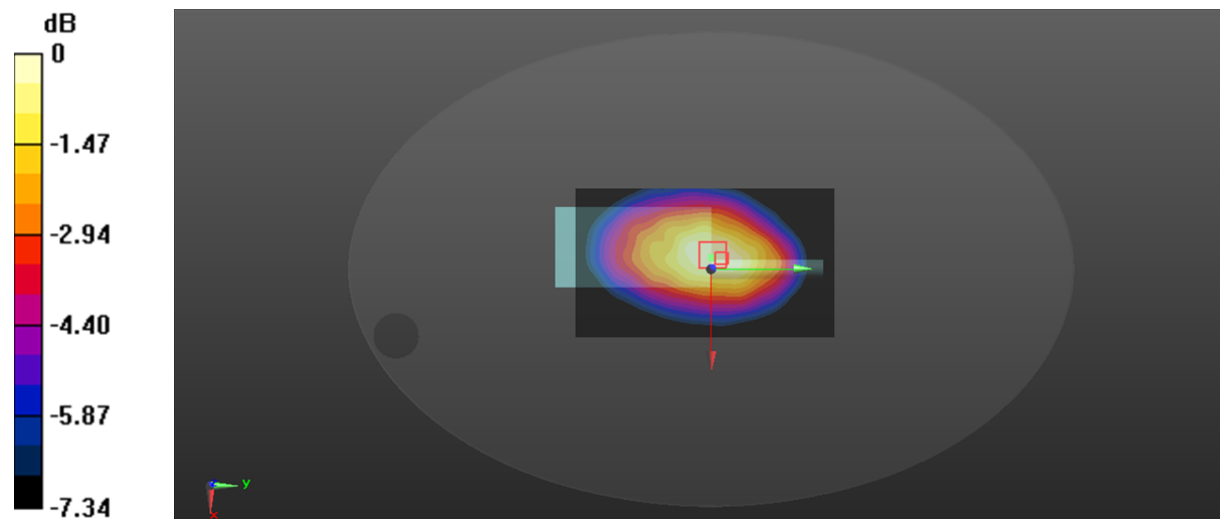
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 69.26 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 5.23 W/kg

**SAR(1 g) = 3.63 W/kg; SAR(10 g) = 2.72 W/kg**

Maximum value of SAR (measured) = 3.92 W/kg



0 dB = 3.92 W/kg = 5.93 dBW/kg

**Plot 15#:519.9875MHz \_Face Up \_12.5kHz \_ANT2**

**DUT: TP3300 Two Way Radio; Type: T03-00312-HCDA; Serial: CR21120025-SA-S1**

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

Medium parameters used:  $f = 519.988$  MHz;  $\sigma = 0.876$  S/m;  $\epsilon_r = 43.947$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

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

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

Maximum value of SAR (interpolated) = 5.98 W/kg

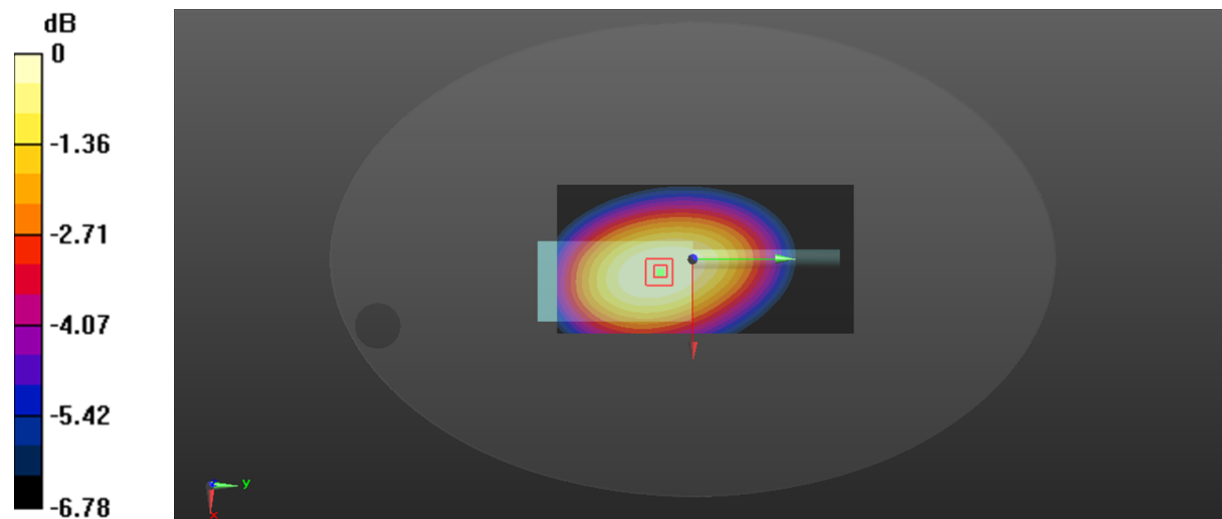
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 84.00 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 7.58 W/kg

**SAR(1 g) = 5.53 W/kg; SAR(10 g) = 4.2 W/kg**

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



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

**Plot 16#:519.9875MHz\_Face Up\_25kHz\_ANT2**

**DUT: TP3300 Two Way Radio; Type: T03-00312-HCDA; Serial: CR21120025-SA-S1**

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

Medium parameters used:  $f = 519.988$  MHz;  $\sigma = 0.876$  S/m;  $\epsilon_r = 43.947$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

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

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

Maximum value of SAR (interpolated) = 5.74 W/kg

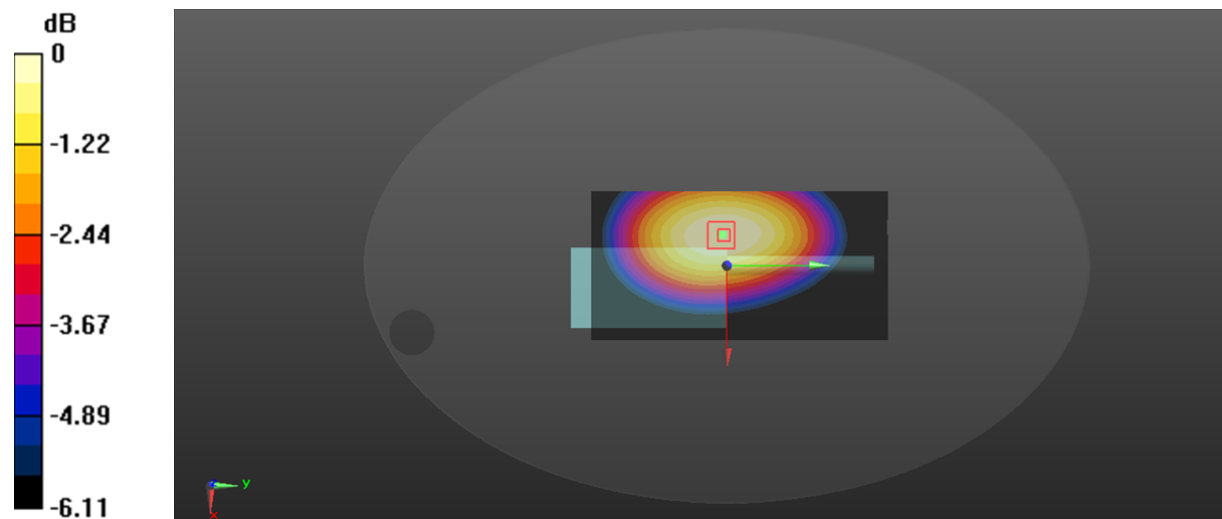
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 75.73 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 7.57 W/kg

**SAR(1 g) = 5.45 W/kg; SAR(10 g) = 4.1 W/kg**

Maximum value of SAR (measured) = 5.68 W/kg



0 dB = 5.68 W/kg = 7.54 dBW/kg



**Plot 17#:519.9875MHz\_Face Up\_4FSK\_ANT2**

**DUT: TP3300 Two Way Radio; Type: T03-00312-HCDA; Serial: CR21120025-SA-S1**

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

Medium parameters used:  $f = 519.988$  MHz;  $\sigma = 0.876$  S/m;  $\epsilon_r = 43.947$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

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

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

Maximum value of SAR (interpolated) = 2.67 W/kg

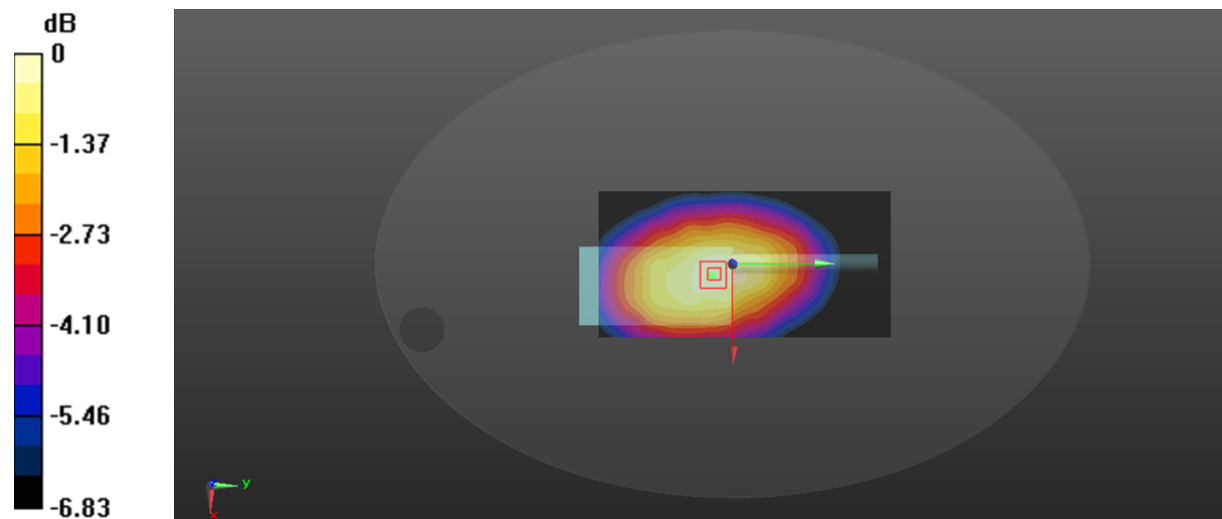
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 56.02 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 3.42 W/kg

**SAR(1 g) = 2.47 W/kg; SAR(10 g) = 1.88 W/kg**

Maximum value of SAR (measured) = 2.68 W/kg



0 dB = 2.68 W/kg = 4.28 dBW/kg

**Plot 18#:450.0125MHz \_Body Back \_12.5kHz \_ANT2**

**DUT: TP3300 Two Way Radio; Type: T03-00312-HCDA; Serial: CR21120025-SA-S1**

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

Medium parameters used:  $f = 450.012$  MHz;  $\sigma = 0.847$  S/m;  $\epsilon_r = 44.537$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

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

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

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

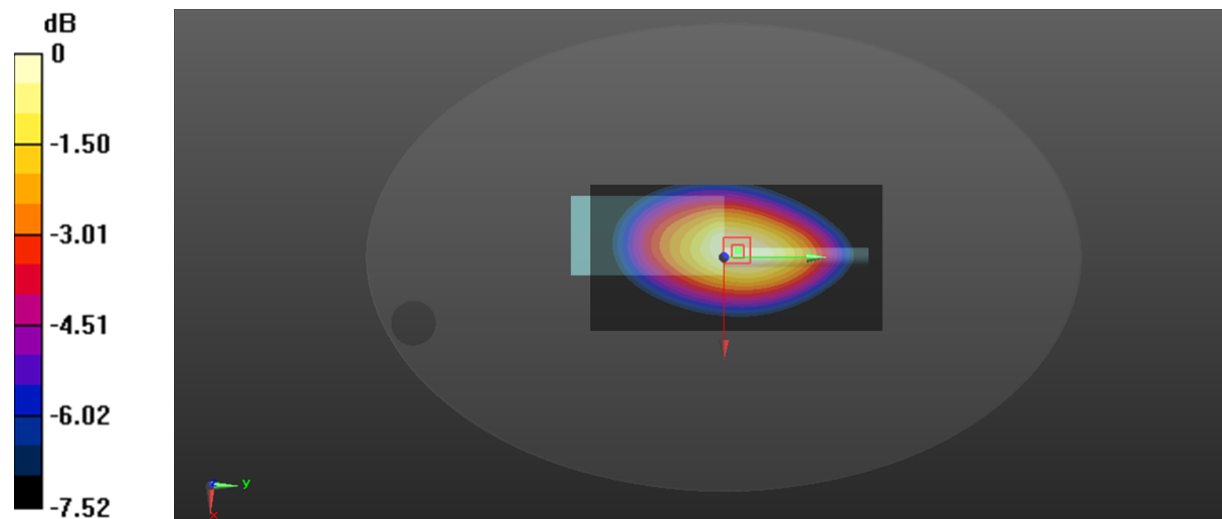
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 104.0 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 12.1 W/kg

**SAR(1 g) = 8.36 W/kg; SAR(10 g) = 6.11 W/kg**

Maximum value of SAR (measured) = 8.76 W/kg



0 dB = 8.76 W/kg = 9.43 dBW/kg

**Plot 19#:467.5125MHz \_Body Back \_12.5kHz \_ANT2**

**DUT: TP3300 Two Way Radio; Type: T03-00312-HCDA; Serial: CR21120025-SA-S1**

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

Medium parameters used:  $f = 467.512$  MHz;  $\sigma = 0.854$  S/m;  $\epsilon_r = 44.481$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

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

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

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

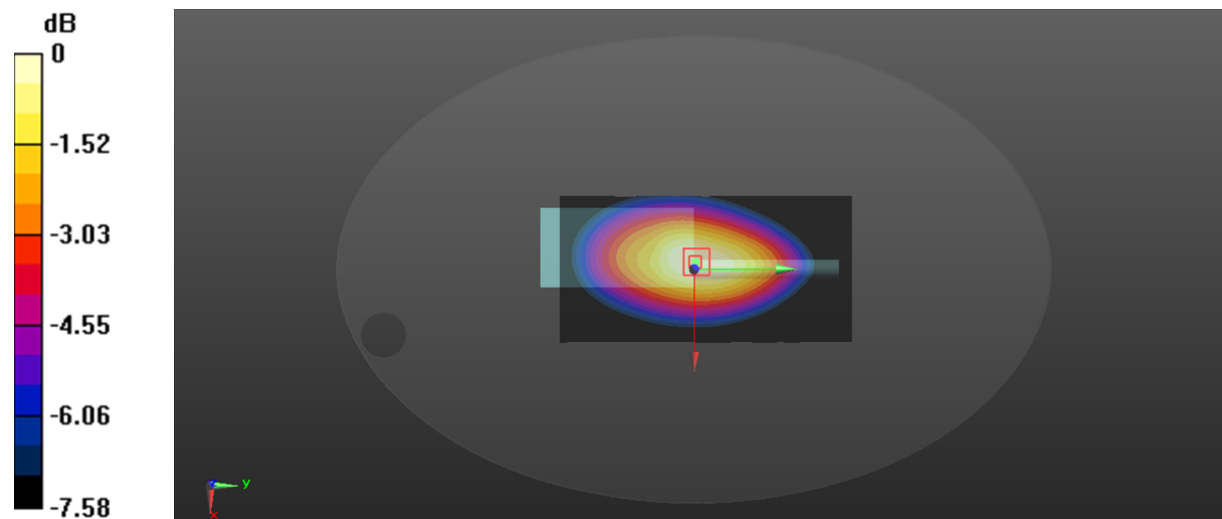
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 117.1 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 15.3 W/kg

**SAR(1 g) = 10.6 W/kg; SAR(10 g) = 7.69 W/kg**

Maximum value of SAR (measured) = 11.0 W/kg



0 dB = 11.0 W/kg = 10.41 dBW/kg

**Plot 20#:485MHz \_Body Back \_12.5kHz \_ANT2**

**DUT: TP3300 Two Way Radio; Type: T03-00312-HCDA; Serial: CR21120025-SA-S1**

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

Medium parameters used:  $f = 485$  MHz;  $\sigma = 0.858$  S/m;  $\epsilon_r = 44.224$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

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

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

Maximum value of SAR (interpolated) = 11.7 W/kg

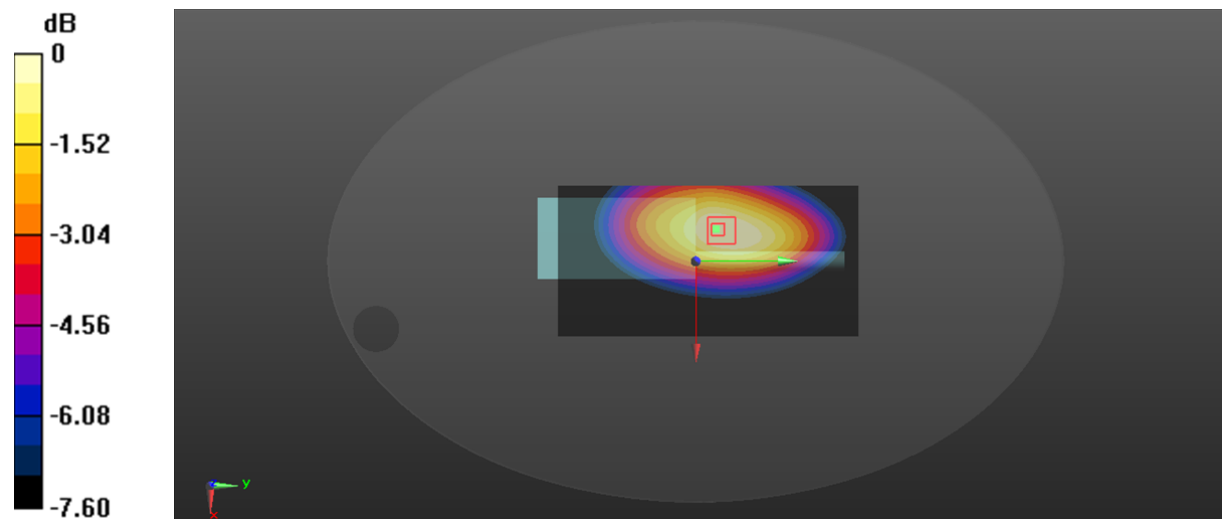
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 92.78 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 15.6 W/kg

**SAR(1 g) = 10.8 W/kg; SAR(10 g) = 7.85 W/kg**

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



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

**Plot 21#:502.488MHz \_Body Back \_12.5kHz \_ANT2**

**DUT: TP3300 Two Way Radio; Type: T03-00312-HCDA; Serial: CR21120025-SA-S1**

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

Medium parameters used:  $f = 502.488$  MHz;  $\sigma = 0.865$  S/m;  $\epsilon_r = 44.143$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

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

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

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

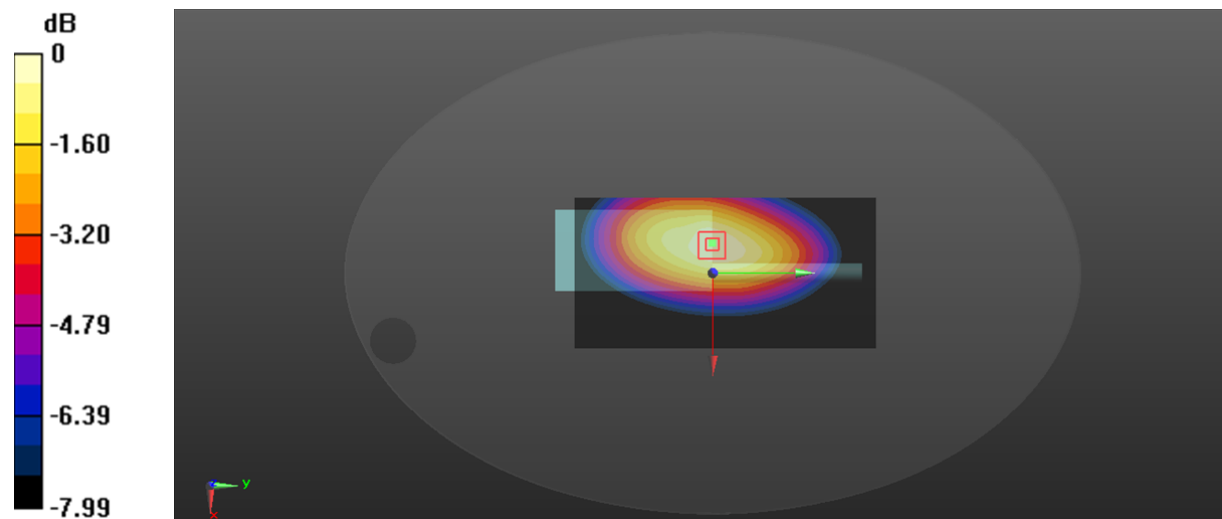
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 101.3 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 16.3 W/kg

**SAR(1 g) = 11 W/kg; SAR(10 g) = 7.84 W/kg**

Maximum value of SAR (measured) = 11.5 W/kg



0 dB = 11.5 W/kg = 10.61 dBW/kg

**Plot 22#:519.9875MHz\_Body Back\_12.5kHz\_ANT2**

**DUT: TP3300 Two Way Radio; Type: T03-00312-HCDA; Serial: CR21120025-SA-S1**

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

Medium parameters used:  $f = 519.988$  MHz;  $\sigma = 0.876$  S/m;  $\epsilon_r = 43.947$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

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

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

Maximum value of SAR (interpolated) = 11.8 W/kg

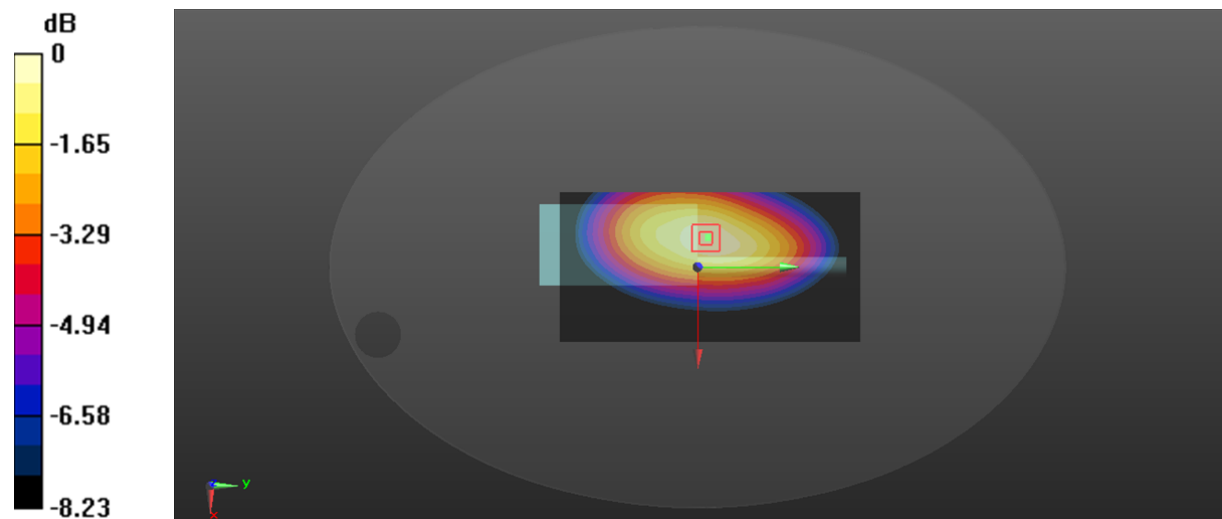
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 101.4 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 16.9 W/kg

**SAR(1 g) = 11.1 W/kg; SAR(10 g) = 7.9 W/kg**

Maximum value of SAR (measured) = 11.7 W/kg



0 dB = 11.7 W/kg = 10.68 dBW/kg

**Plot 23#:450.0125MHz\_Body Back\_25kHz\_ANT2**

**DUT: TP3300 Two Way Radio; Type: T03-00312-HCDA; Serial: CR21120025-SA-S1**

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

Medium parameters used:  $f = 450.012$  MHz;  $\sigma = 0.847$  S/m;  $\epsilon_r = 44.537$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

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

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

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

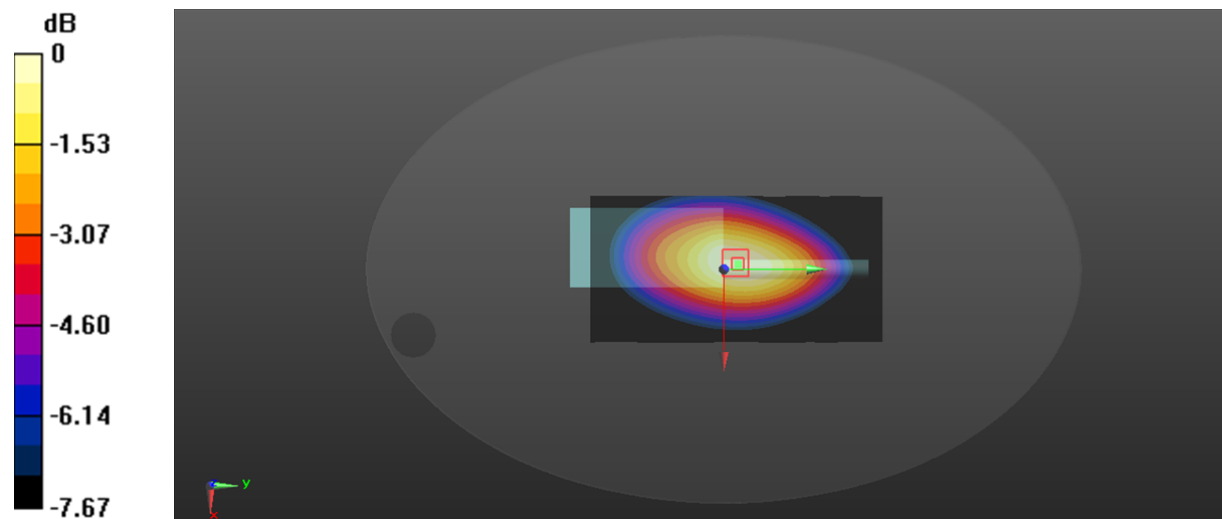
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 104.4 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 12.3 W/kg

**SAR(1 g) = 8.42 W/kg; SAR(10 g) = 6.14 W/kg**

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



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

Plot 24#:467.5125MHz\_Body Back\_25kHz\_ANT2

DUT: TP3300 Two Way Radio; Type: T03-00312-HCDA; Serial: CR21120025-SA-S1

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

Medium parameters used:  $f=467.512\text{MHz}$ ;  $\sigma = 0.854\text{ S/m}$ ;  $\epsilon_r = 44.481$ ;  $\rho = 1000\text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

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

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

Maximum value of SAR (interpolated) =  $10.7\text{ W/kg}$

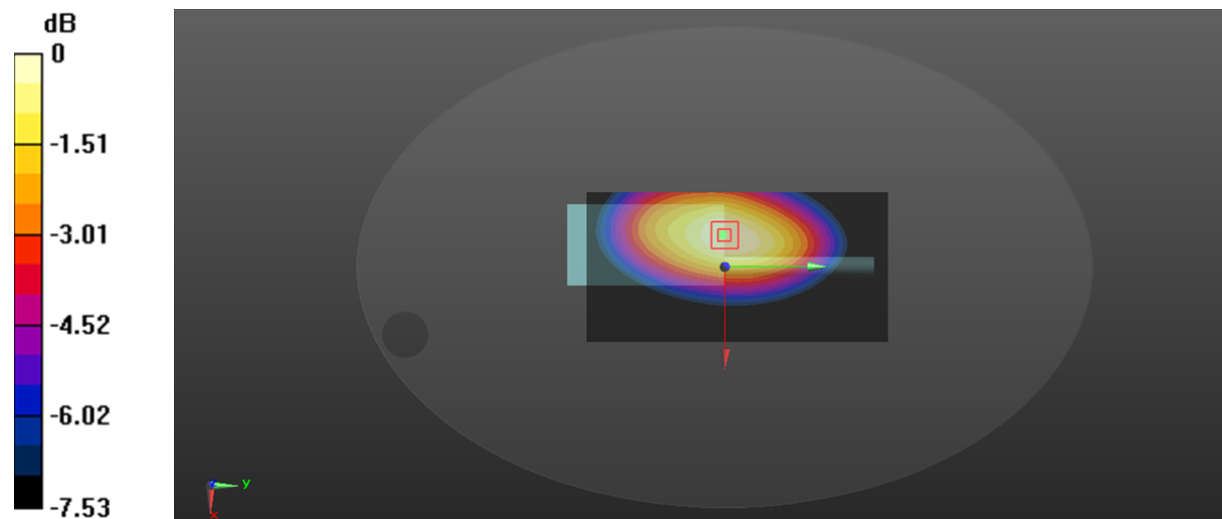
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $95.37\text{ V/m}$ ; Power Drift =  $-0.10\text{ dB}$

Peak SAR (extrapolated) =  $14.6\text{ W/kg}$

**SAR(1 g) =  $9.98\text{ W/kg}$ ; SAR(10 g) =  $7.24\text{ W/kg}$**

Maximum value of SAR (measured) =  $10.4\text{ W/kg}$



0 dB =  $10.4\text{ W/kg}$  =  $10.17\text{ dBW/kg}$



**Plot 25#:485MHz\_Body Back \_25kHz\_ANT2**

**DUT: TP3300 Two Way Radio; Type: T03-00312-HCDA; Serial: CR21120025-SA-S1**

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

Medium parameters used:  $f = 485$  MHz;  $\sigma = 0.858$  S/m;  $\epsilon_r = 44.224$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

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

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

Maximum value of SAR (interpolated) = 11.9 W/kg

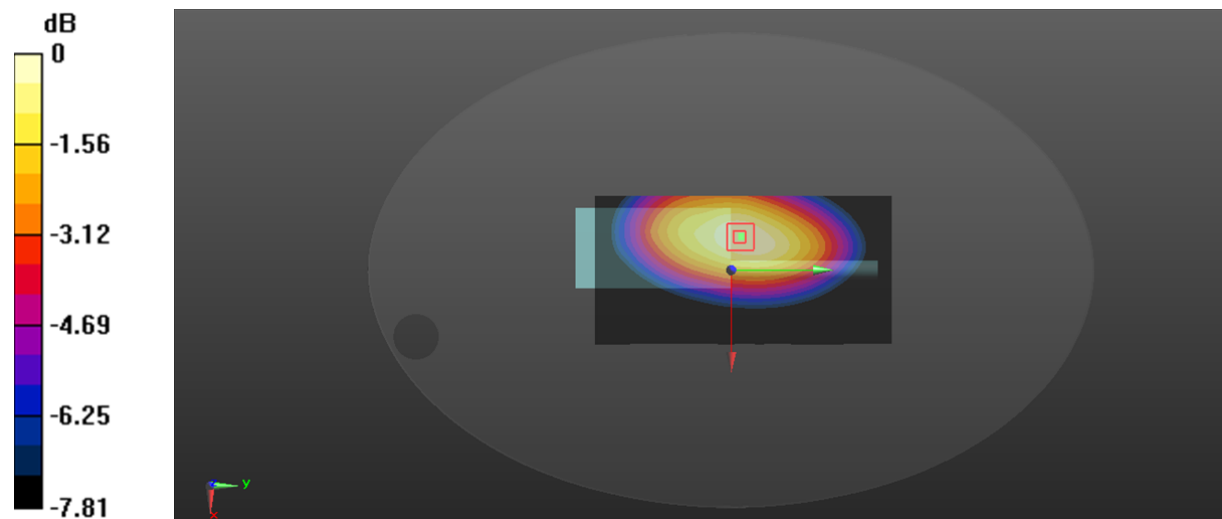
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 95.42 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 16.1 W/kg

**SAR(1 g) = 10.9 W/kg; SAR(10 g) = 7.89 W/kg**

Maximum value of SAR (measured) = 11.5 W/kg



0 dB = 11.5 W/kg = 10.61 dBW/kg

Plot 26#:502.4875MHz\_Body Back \_25kHz\_ANT2

DUT: TP3300 Two Way Radio; Type: T03-00312-HCDA; Serial: CR21120025-SA-S1

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

Medium parameters used:  $f = 502.488\text{MHz}$ ;  $\sigma = 0.865\text{ S/m}$ ;  $\epsilon_r = 44.143$ ;  $\rho = 1000\text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

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

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

Maximum value of SAR (interpolated) = 11.0 W/kg

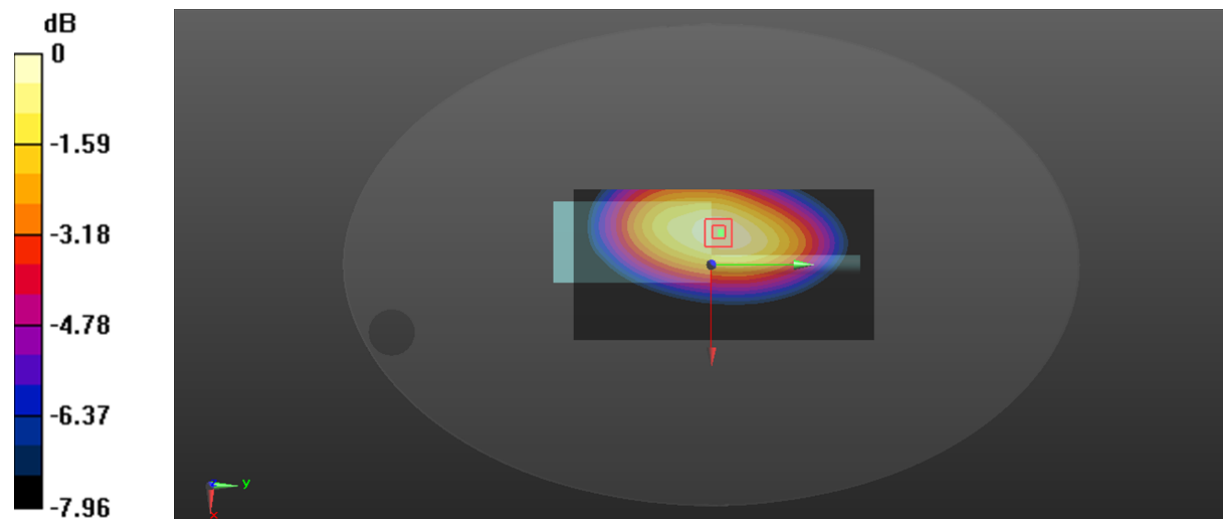
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 92.48 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 15.4 W/kg

**SAR(1 g) = 10.3 W/kg; SAR(10 g) = 7.39 W/kg**

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



0 dB = 10.8 W/kg = 10.33 dBW/kg

**Plot 27#:519.9875MHz\_Body Back\_25kHz\_ANT2**

**DUT: TP3300 Two Way Radio; Type: T03-00312-HCDA; Serial: CR21120025-SA-S1**

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

Medium parameters used:  $f = 519.988$  MHz;  $\sigma = 0.876$  S/m;  $\epsilon_r = 43.947$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

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

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

Maximum value of SAR (interpolated) = 12.1 W/kg

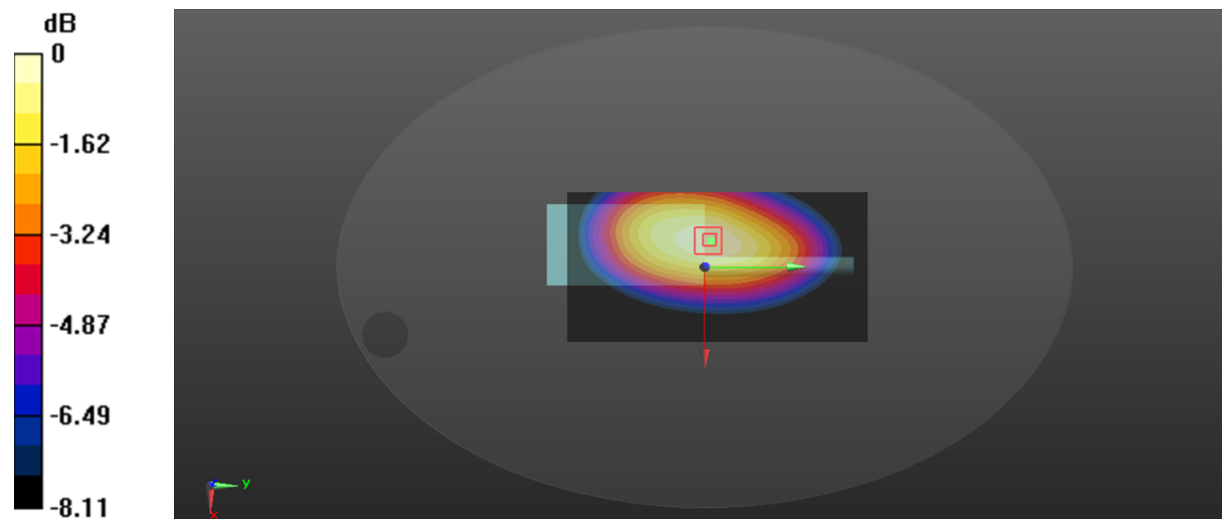
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 105.8 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 16.8 W/kg

**SAR(1 g) = 11.3 W/kg; SAR(10 g) = 8.11 W/kg**

Maximum value of SAR (measured) = 11.9 W/kg



0 dB = 11.9 W/kg = 10.76 dBW/kg

**Plot 28#:519.9875MHz\_Body Back\_4FSK\_ANT2**

**DUT: TP3300 Two Way Radio; Type: T03-00312-HCDA; Serial: CR21120025-SA-S1**

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

Medium parameters used:  $f = 519.988$  MHz;  $\sigma = 0.876$  S/m;  $\epsilon_r = 43.947$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

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

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

Maximum value of SAR (interpolated) = 4.97 W/kg

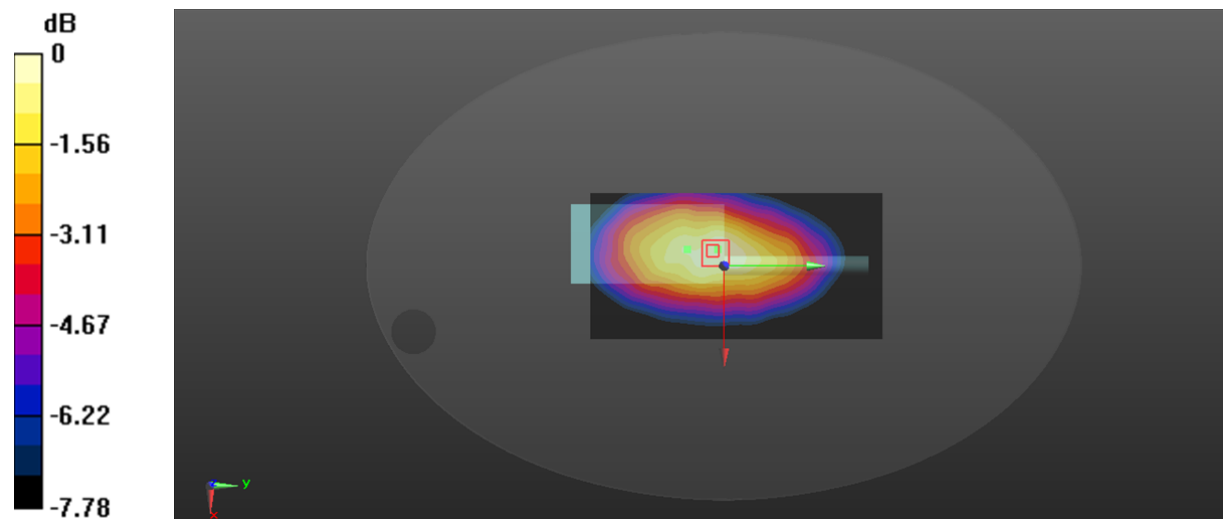
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 72.20 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 6.61 W/kg

**SAR(1 g) = 4.44 W/kg; SAR(10 g) = 3.28 W/kg**

Maximum value of SAR (measured) = 4.80 W/kg



0 dB = 4.80 W/kg = 6.81 dBW/kg

**Plot 29#:519.9875MHz \_ Body Back With Headset \_25kHz \_ANT2**

**DUT: TP3300 Two Way Radio; Type: T03-00312-HCDA; Serial: CR21120025-SA-S1**

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

Medium parameters used:  $f = 519.988$  MHz;  $\sigma = 0.876$  S/m;  $\epsilon_r = 43.947$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

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

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

Maximum value of SAR (interpolated) = 11.5 W/kg

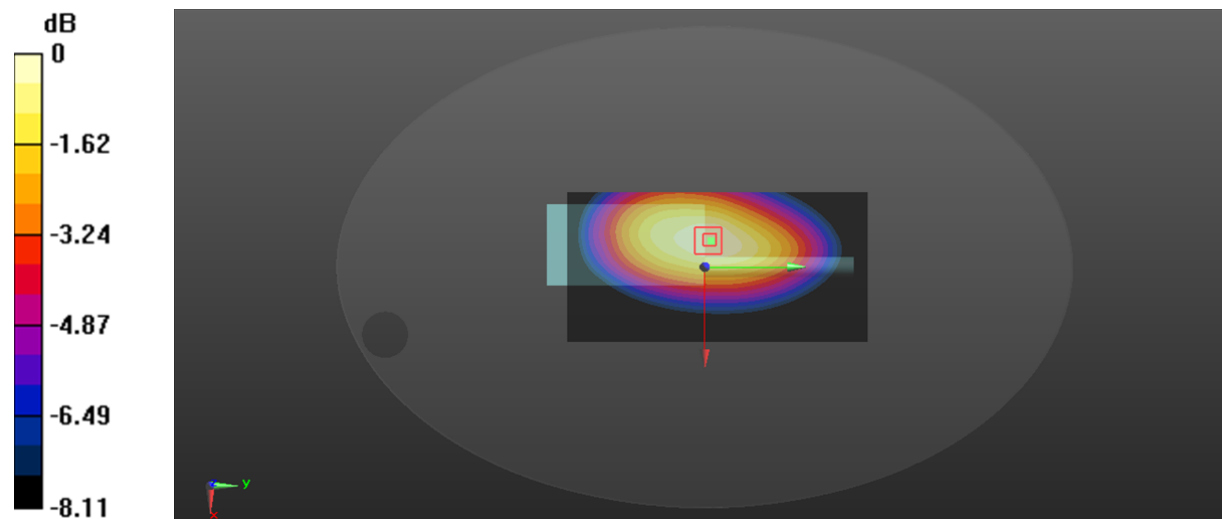
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 105.7 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 15.6 W/kg

**SAR(1 g) = 10.9 W/kg; SAR(10 g) = 7.52 W/kg**

Maximum value of SAR (measured) = 11.7 W/kg



0 dB = 11.7 W/kg = 10.68 dBW/kg

Plot 30#:467.5125MHz\_Face Up\_12.5kHz\_ANT1

DUT: TP3300 Two Way Radio; Type: T03-00312-HBAA; Serial: CR21120025-SA-S2

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

Medium parameters used:  $f = 467.512$  MHz;  $\sigma = 0.853$  S/m;  $\epsilon_r = 44.648$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

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

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

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

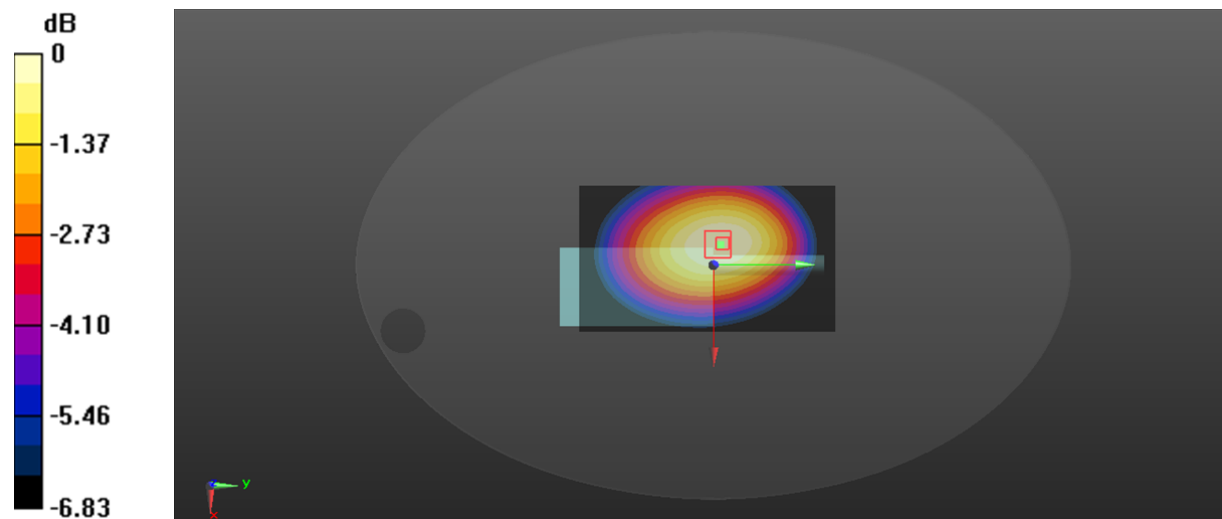
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 79.77 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 7.14 W/kg

**SAR(1 g) = 5.15 W/kg; SAR(10 g) = 3.91 W/kg**

Maximum value of SAR (measured) = 5.35 W/kg



0 dB = 5.35 W/kg = 7.28 dBW/kg

**Plot 31#:467.5125MHz\_Face Up\_25kHz\_ANT1**

**DUT: TP3300 Two Way Radio; Type: T03-00312-HBAA; Serial: CR21120025-SA-S2**

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

Medium parameters used:  $f = 467.512$  MHz;  $\sigma = 0.853$  S/m;  $\epsilon_r = 44.648$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

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

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

Maximum value of SAR (interpolated) = 5.97 W/kg

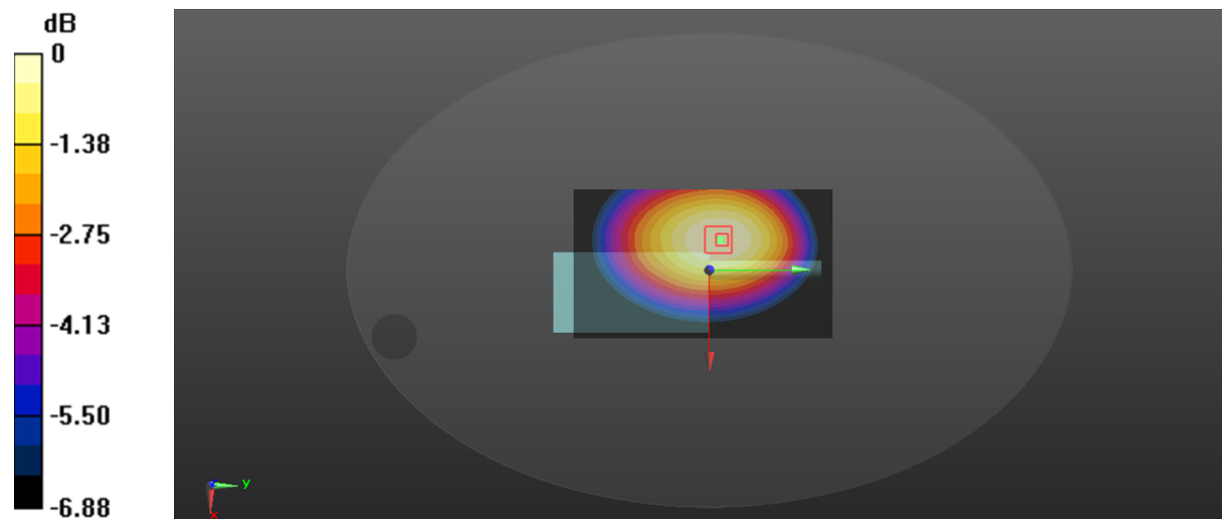
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 78.47 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 7.75 W/kg

**SAR(1 g) = 5.6 W/kg; SAR(10 g) = 4.24 W/kg**

Maximum value of SAR (measured) = 5.83 W/kg



0 dB = 5.83 W/kg = 7.66 dBW/kg

**Plot 32#:467.5125MHz\_Face Up\_4FSK\_ANT1****DUT: TP3300 Two Way Radio; Type: T03-00312-HBAA; Serial: CR21120025-SA-S2**

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

Medium parameters used:  $f = 467.512$  MHz;  $\sigma = 0.853$  S/m;  $\epsilon_r = 44.648$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

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

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

Maximum value of SAR (interpolated) = 2.63 W/kg

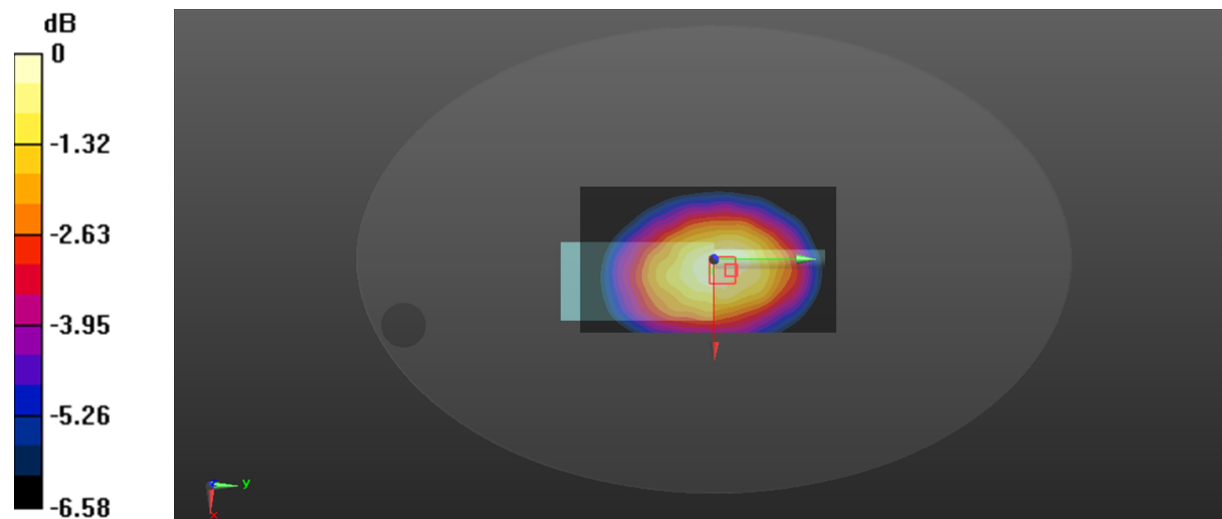
**Zoom Scan (5x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 55.00 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 3.44 W/kg

**SAR(1 g) = 2.46 W/kg; SAR(10 g) = 1.89 W/kg**

Maximum value of SAR (measured) = 2.62 W/kg



0 dB = 2.62 W/kg = 4.18 dBW/kg



**Plot 33#:467.5125MHz\_Bady Back\_12.5kHz\_ANT1**

**DUT: TP3300 Two Way Radio; Type: T03-00312-HBAA; Serial: CR21120025-SA-S2**

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

Medium parameters used:  $f = 467.512$  MHz;  $\sigma = 0.853$  S/m;  $\epsilon_r = 44.648$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

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

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

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

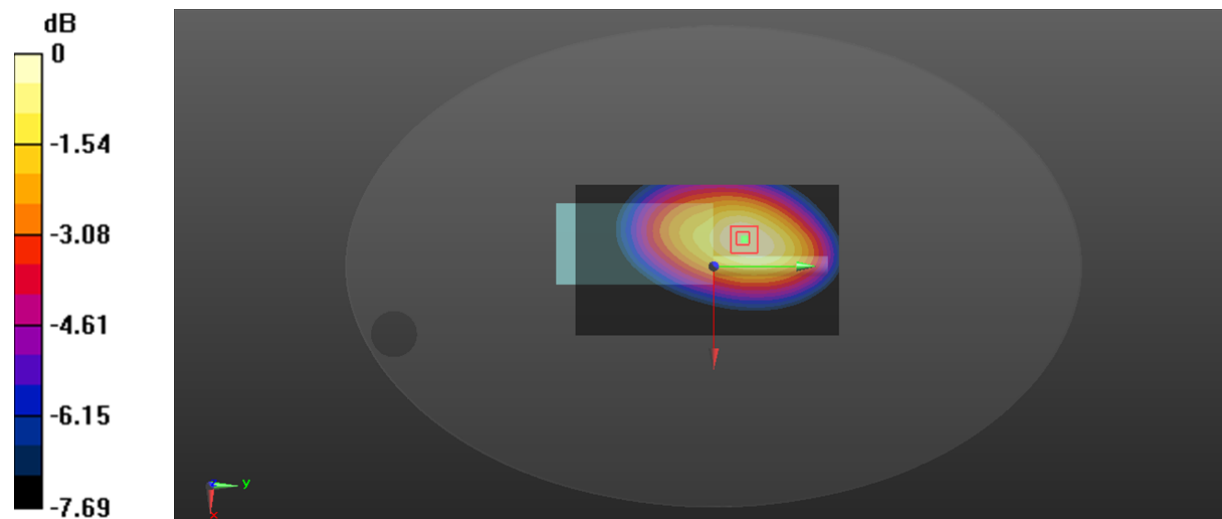
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 86.53 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 13.3 W/kg

**SAR(1 g) = 9.07 W/kg; SAR(10 g) = 6.56 W/kg**

Maximum value of SAR (measured) = 9.48 W/kg



0 dB = 9.48 W/kg = 9.77 dBW/kg

**Plot 34#:450.0125MHz\_Bady Back\_25kHz\_ANT1**

**DUT: TP3300 Two Way Radio; Type: T03-00312-HBAA; Serial: CR21120025-SA-S2**

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

Medium parameters used:  $f = 450.012$  MHz;  $\sigma = 0.848$  S/m;  $\epsilon_r = 44.805$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

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

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

Maximum value of SAR (interpolated) = 9.57 W/kg

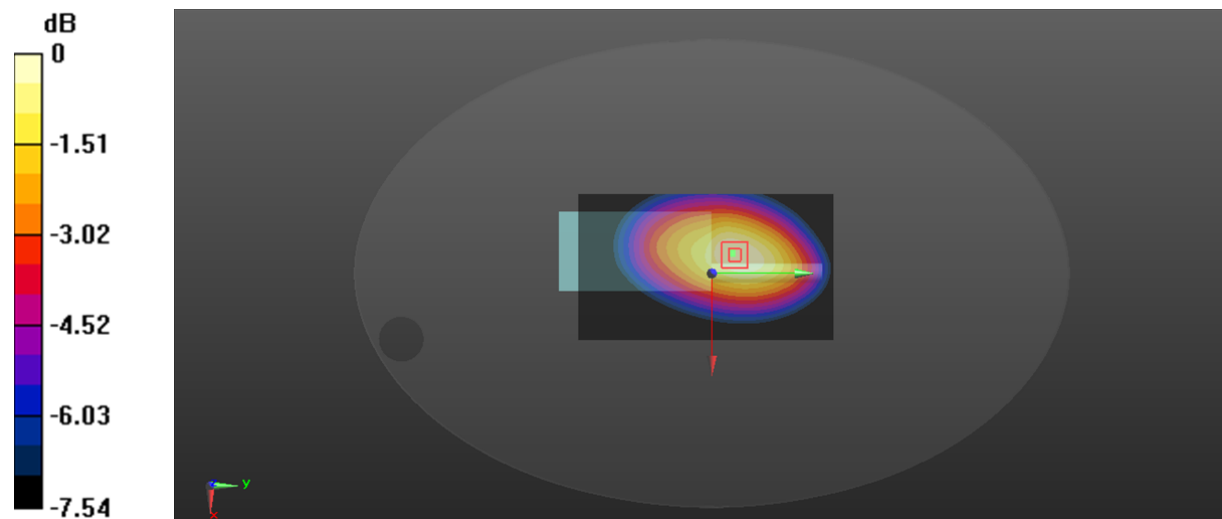
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 93.88 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 13.1 W/kg

**SAR(1 g) = 8.96 W/kg; SAR(10 g) = 6.53 W/kg**

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



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

**Plot 35#:467.5125MHz\_Bady Back\_25kHz\_ANT1**

**DUT: TP3300 Two Way Radio; Type: T03-00312-HBAA; Serial: CR21120025-SA-S2**

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

Medium parameters used:  $f = 467.512$  MHz;  $\sigma = 0.853$  S/m;  $\epsilon_r = 44.648$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

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

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

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

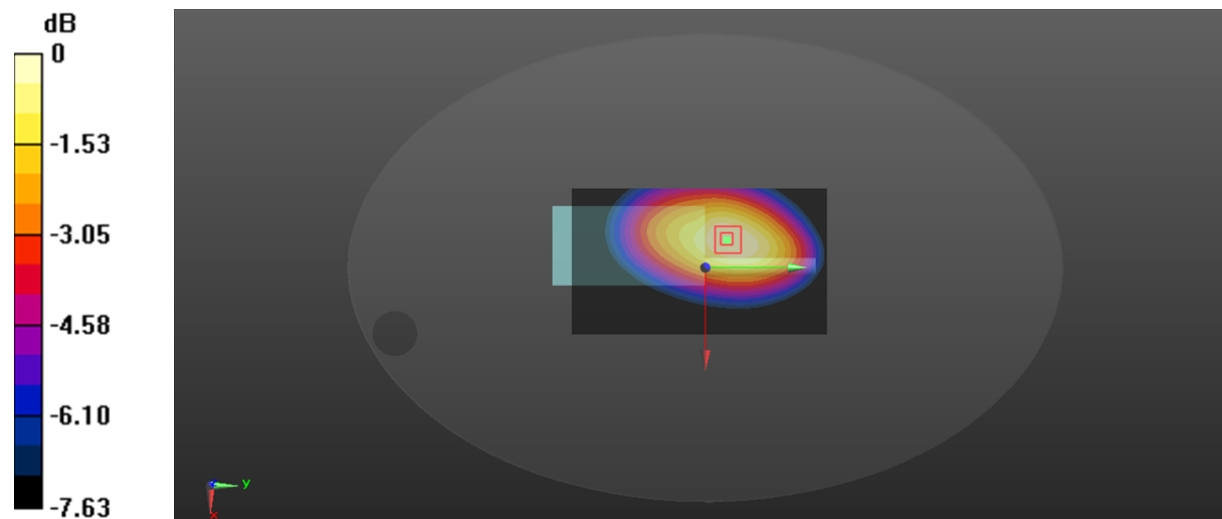
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 90.62 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 14.0 W/kg

**SAR(1 g) = 9.61 W/kg; SAR(10 g) = 6.98 W/kg**

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



0 dB = 10.1 W/kg = 10.04 dBW/kg

**Plot 36#:485MHz\_Bady Back\_25kHz\_ANT1**

**DUT: TP3300 Two Way Radio; Type: T03-00312-HBAA; Serial: CR21120025-SA-S2**

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

Medium parameters used:  $f = 485$  MHz;  $\sigma = 0.856$  S/m;  $\epsilon_r = 44.452$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

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

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

Maximum value of SAR (interpolated) = 8.61 W/kg

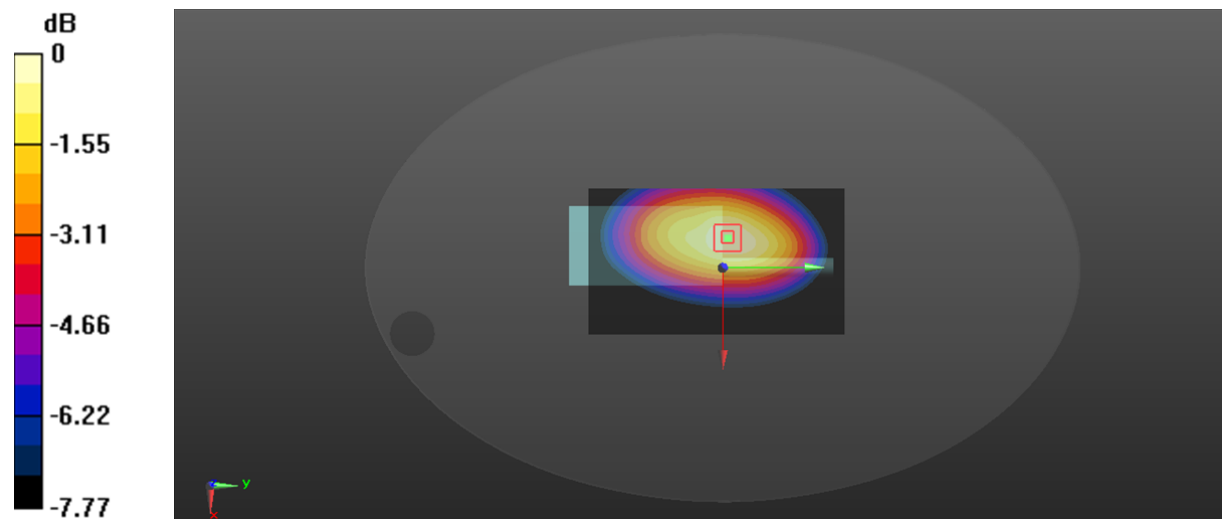
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 85.96 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 12.1 W/kg

**SAR(1 g) = 8.16 W/kg; SAR(10 g) = 5.88 W/kg**

Maximum value of SAR (measured) = 8.57 W/kg



0 dB = 8.57 W/kg = 9.33 dBW/kg

**Plot 37#:502.4875MHz\_Bady Back\_25kHz\_ANT1**

**DUT: TP3300 Two Way Radio; Type: T03-00312-HBAA; Serial: CR21120025-SA-S2**

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

Medium parameters used:  $f = 502.488$  MHz;  $\sigma = 0.862$  S/m;  $\epsilon_r = 44.15$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

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

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

Maximum value of SAR (interpolated) = 9.19 W/kg

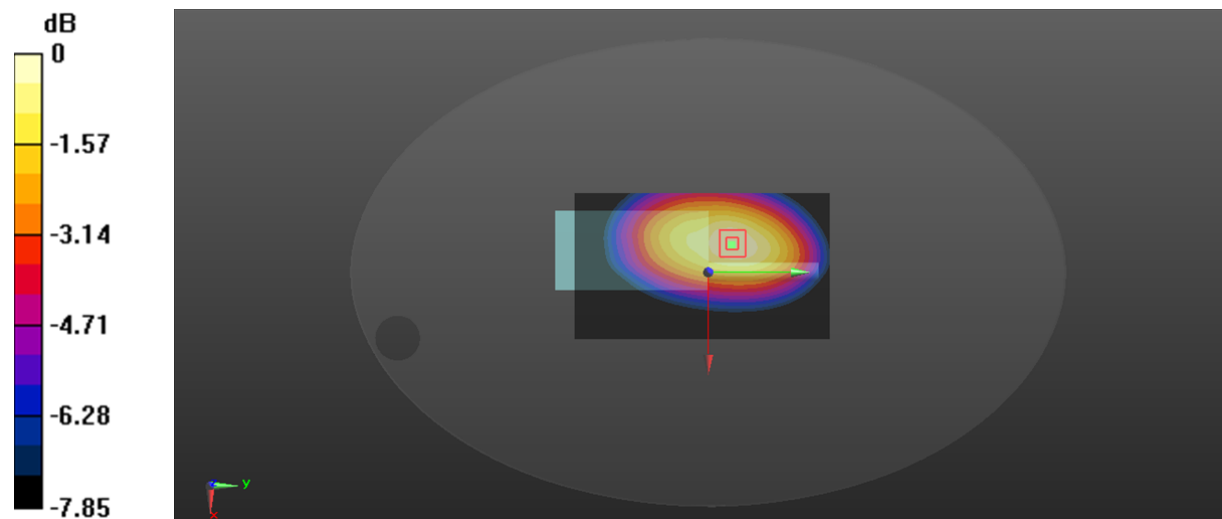
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 85.49 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 13.0 W/kg

**SAR(1 g) = 8.69 W/kg; SAR(10 g) = 6.24 W/kg**

Maximum value of SAR (measured) = 9.11 W/kg



0 dB = 9.11 W/kg = 9.60 dBW/kg

**Plot 38#:519.9875MHz\_Bady Back\_25kHz\_ANT1**

**DUT: TP3300 Two Way Radio; Type: T03-00312-HBAA; Serial: CR21120025-SA-S2**

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

Medium parameters used:  $f = 519.988$  MHz;  $\sigma = 0.872$  S/m;  $\epsilon_r = 43.853$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

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

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

Maximum value of SAR (interpolated) = 6.89 W/kg

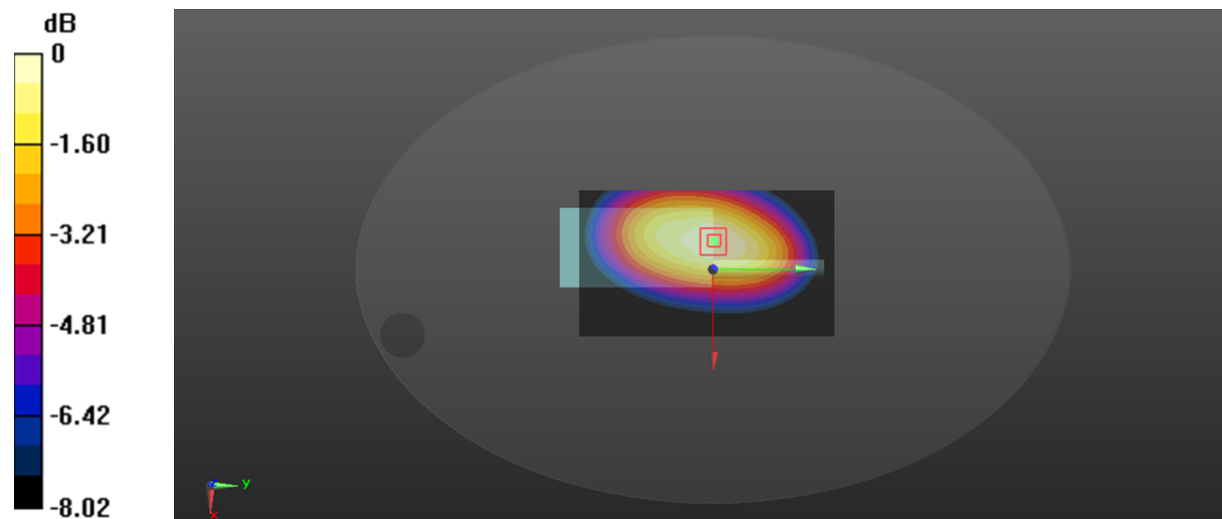
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 79.46 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 9.49 W/kg

**SAR(1 g) = 6.4 W/kg; SAR(10 g) = 4.59 W/kg**

Maximum value of SAR (measured) = 6.72 W/kg



0 dB = 6.72 W/kg = 8.27 dBW/kg

**Plot 39#:467.5125MHz\_Bady Back\_4FSK\_ANT1****DUT: TP3300 Two Way Radio; Type: T03-00312-HBAA; Serial: CR21120025-SA-S2**

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

Medium parameters used:  $f = 467.512$  MHz;  $\sigma = 0.853$  S/m;  $\epsilon_r = 44.648$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

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

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

Maximum value of SAR (interpolated) = 4.24 W/kg

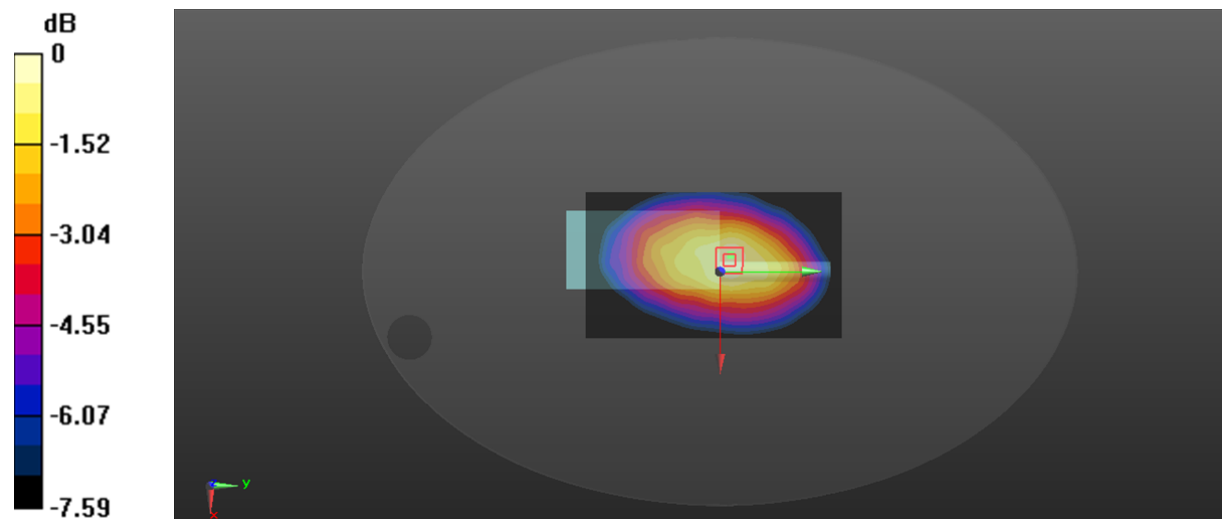
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 69.70 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 5.99 W/kg

**SAR(1 g) = 4.11 W/kg; SAR(10 g) = 3.01 W/kg**

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



0 dB = 4.36 W/kg = 6.39 dBW/kg

**Plot 40#:519.9875MHz\_Face Up\_12.5kHz\_ANT2**

**DUT: TP3300 Two Way Radio; Type: T03-00312-HBAA; Serial: CR21120025-SA-S2**

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

Medium parameters used:  $f = 519.988$  MHz;  $\sigma = 0.872$  S/m;  $\epsilon_r = 43.853$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

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

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

Maximum value of SAR (interpolated) = 6.24 W/kg

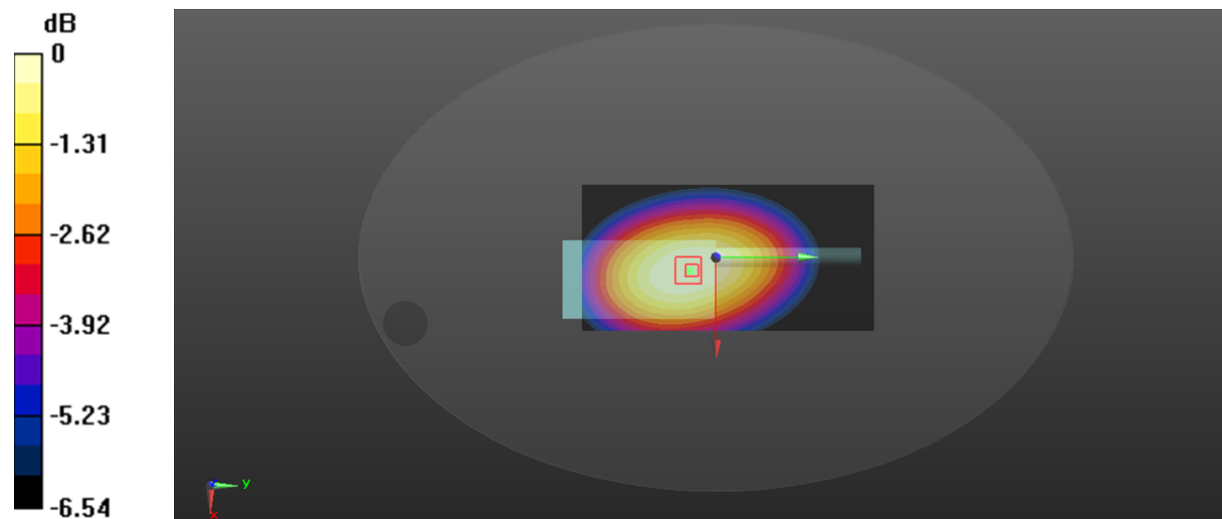
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 86.27 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 8.00 W/kg

**SAR(1 g) = 5.86 W/kg; SAR(10 g) = 4.48 W/kg**

Maximum value of SAR (measured) = 6.08 W/kg



0 dB = 6.08 W/kg = 7.84 dBW/kg



**Plot 41#:519.9875MHz\_ Face Up \_25kHz\_ANT2**

**DUT: TP3300 Two Way Radio; Type: T03-00312-HBAA; Serial: CR21120025-SA-S2**

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

Medium parameters used:  $f = 519.988$  MHz;  $\sigma = 0.872$  S/m;  $\epsilon_r = 43.853$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

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

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

Maximum value of SAR (interpolated) = 6.50 W/kg

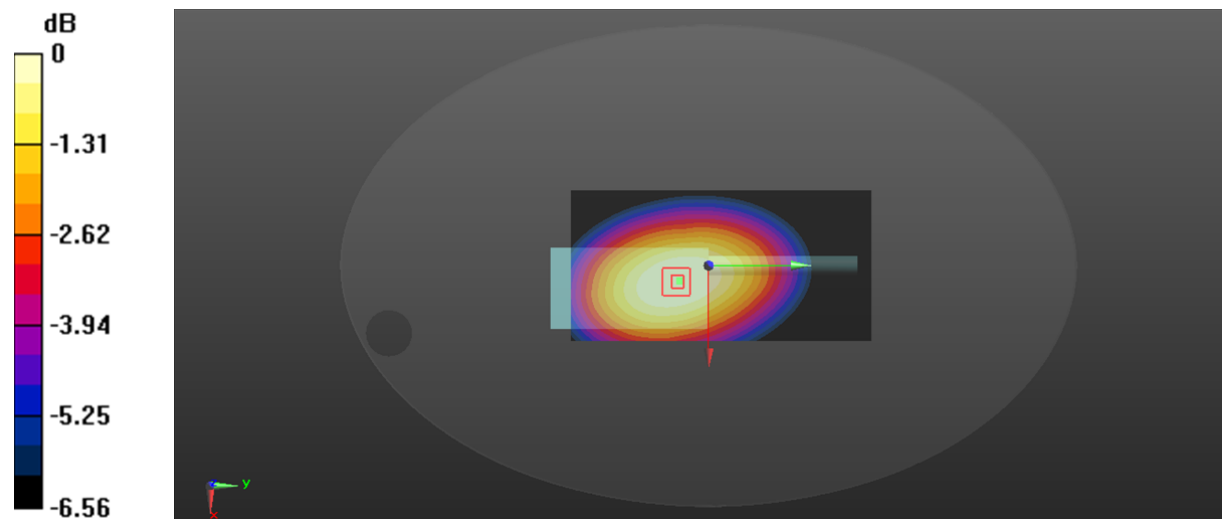
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 87.12 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 8.29 W/kg

**SAR(1 g) = 6.08 W/kg; SAR(10 g) = 4.65 W/kg**

Maximum value of SAR (measured) = 6.32 W/kg



0 dB = 6.32 W/kg = 8.01 dBW/kg

**Plot 42#:519.9875MHz\_Face Up\_4FSK\_ANT2**

**DUT: TP3300 Two Way Radio; Type: T03-00312-HBAA; Serial: CR21120025-SA-S2**

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

Medium parameters used:  $f = 519.988$  MHz;  $\sigma = 0.872$  S/m;  $\epsilon_r = 43.853$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

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

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

Maximum value of SAR (interpolated) = 2.67 W/kg

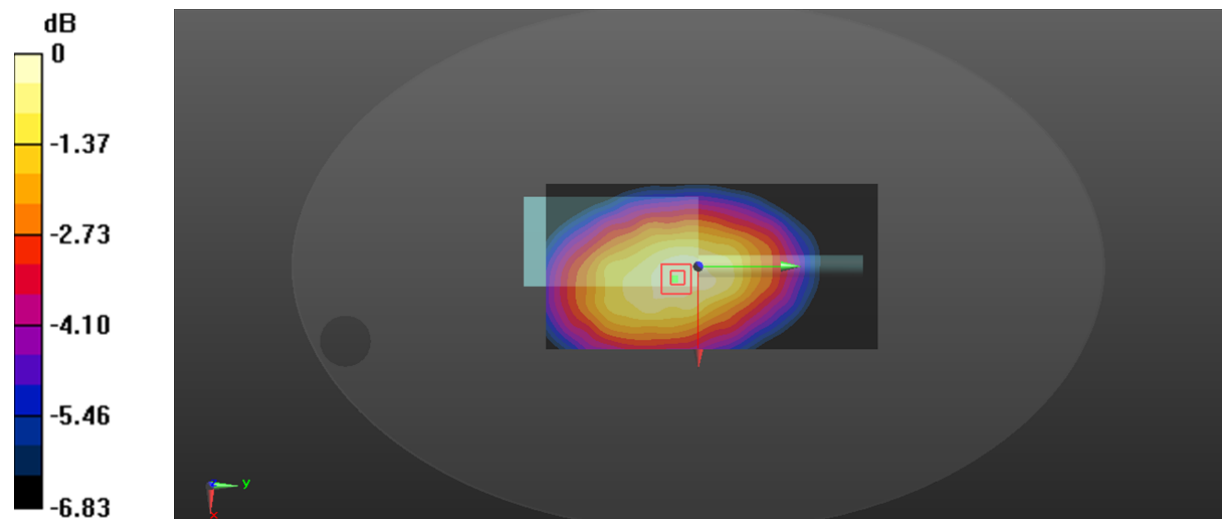
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 56.02 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 3.42 W/kg

**SAR(1 g) = 2.47 W/kg; SAR(10 g) = 1.88 W/kg**

Maximum value of SAR (measured) = 2.68 W/kg



0 dB = 2.68 W/kg = 4.28 dBW/kg

**Plot 43#:519.9875MHz\_ Body Back \_12.5kHz\_ANT2**

**DUT: TP3300 Two Way Radio; Type: T03-00312-HBAA; Serial: CR21120025-SA-S2**

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

Medium parameters used:  $f = 519.988$  MHz;  $\sigma = 0.872$  S/m;  $\epsilon_r = 43.853$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

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

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

Maximum value of SAR (interpolated) = 12.4 W/kg

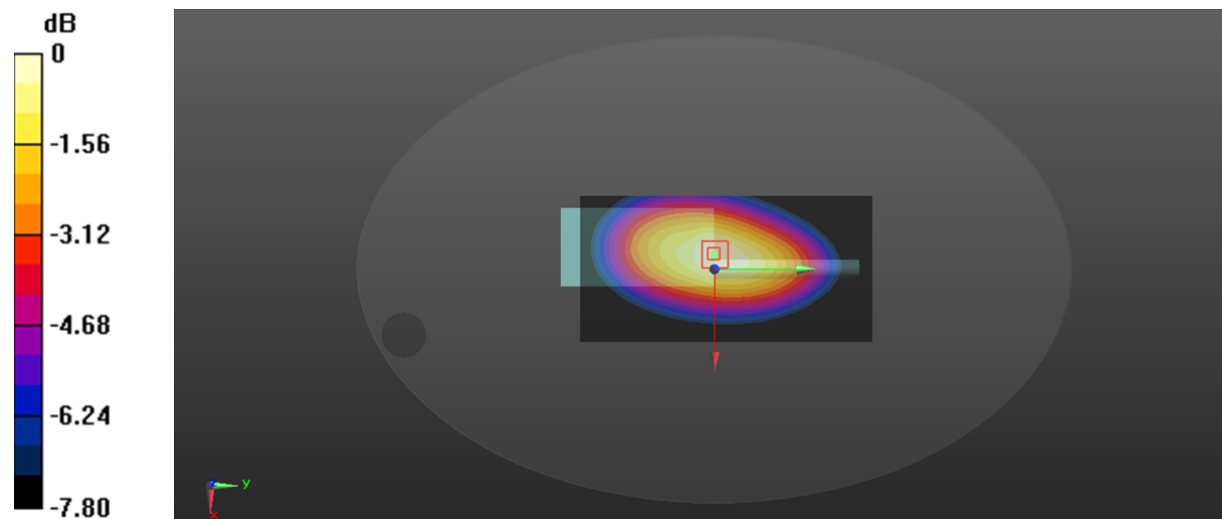
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 121.1 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 16.9 W/kg

**SAR(1 g) = 11.4 W/kg; SAR(10 g) = 8.2 W/kg**

Maximum value of SAR (measured) = 12.0 W/kg



0 dB = 12.0 W/kg = 10.79 dBW/kg

**Plot 44#:450.0125MHz\_ Body Back \_25kHz\_ ANT2**

**DUT: TP3300 Two Way Radio; Type: T03-00312-HBAA; Serial: CR21120025-SA-S2**

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

Medium parameters used:  $f = 450.012$  MHz;  $\sigma = 0.848$  S/m;  $\epsilon_r = 44.805$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

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

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

Maximum value of SAR (interpolated) = 7.95 W/kg

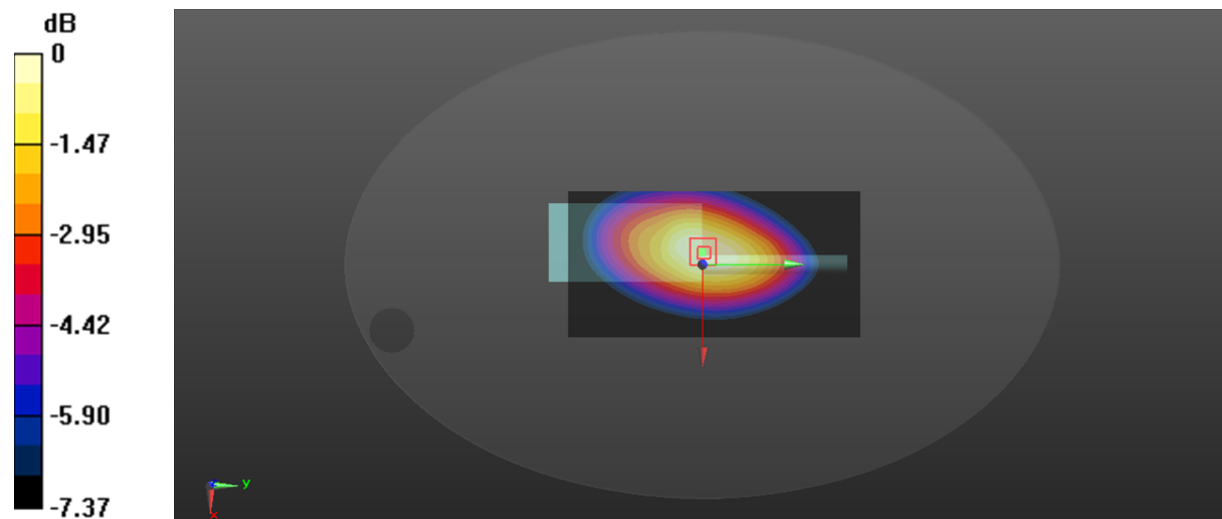
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 96.89 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 10.6 W/kg

**SAR(1 g) = 7.45 W/kg; SAR(10 g) = 5.5 W/kg**

Maximum value of SAR (measured) = 7.79 W/kg



0 dB = 7.79 W/kg = 8.92 dBW/kg

**Plot 45#:467.5125MHz\_Body Back\_25kHz\_ANT2**

**DUT: TP3300 Two Way Radio; Type: T03-00312-HBAA; Serial: CR21120025-SA-S2**

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

Medium parameters used:  $f = 467.512$  MHz;  $\sigma = 0.853$  S/m;  $\epsilon_r = 44.648$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

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

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

Maximum value of SAR (interpolated) = 11.5 W/kg

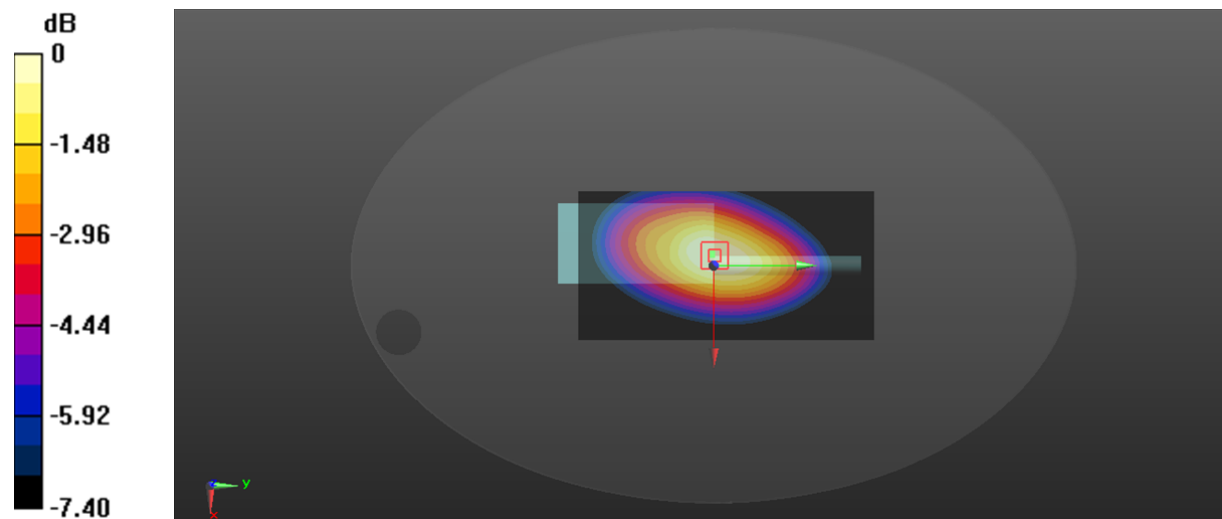
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 119.0 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 15.5 W/kg

**SAR(1 g) = 10.7 W/kg; SAR(10 g) = 7.85 W/kg**

Maximum value of SAR (measured) = 11.2 W/kg



0 dB = 11.2 W/kg = 10.49 dBW/kg

**Plot 46#:485MHz\_Body Back\_25kHz\_ANT2****DUT: TP3300 Two Way Radio; Type: T03-00312-HBAA; Serial: CR21120025-SA-S2**

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

Medium parameters used:  $f = 485$  MHz;  $\sigma = 0.856$  S/m;  $\epsilon_r = 44.452$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

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

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

Maximum value of SAR (interpolated) = 12.2 W/kg

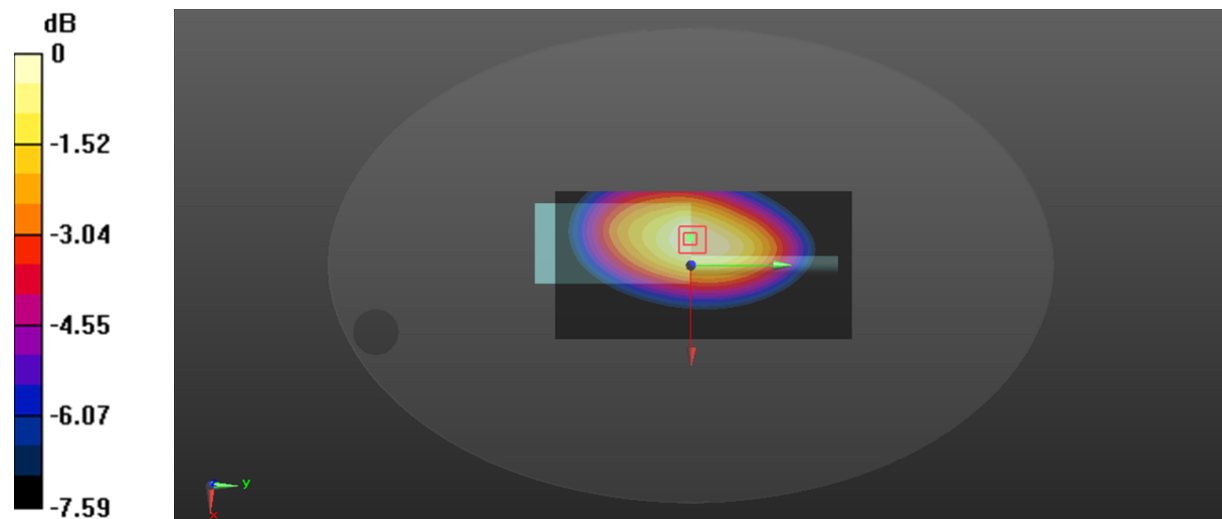
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 108.9 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 16.5 W/kg

**SAR(1 g) = 11.3 W/kg; SAR(10 g) = 8.23 W/kg**

Maximum value of SAR (measured) = 11.9 W/kg



0 dB = 11.9 W/kg = 10.76 dBW/kg

**Plot 47#:502.4875MHz\_ Body Back \_25kHz\_ ANT2**

**DUT: TP3300 Two Way Radio; Type: T03-00312-HBAA; Serial: CR21120025-SA-S2**

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

Medium parameters used:  $f = 502.488$  MHz;  $\sigma = 0.862$  S/m;  $\epsilon_r = 44.15$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

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

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

Maximum value of SAR (interpolated) = 11.5 W/kg

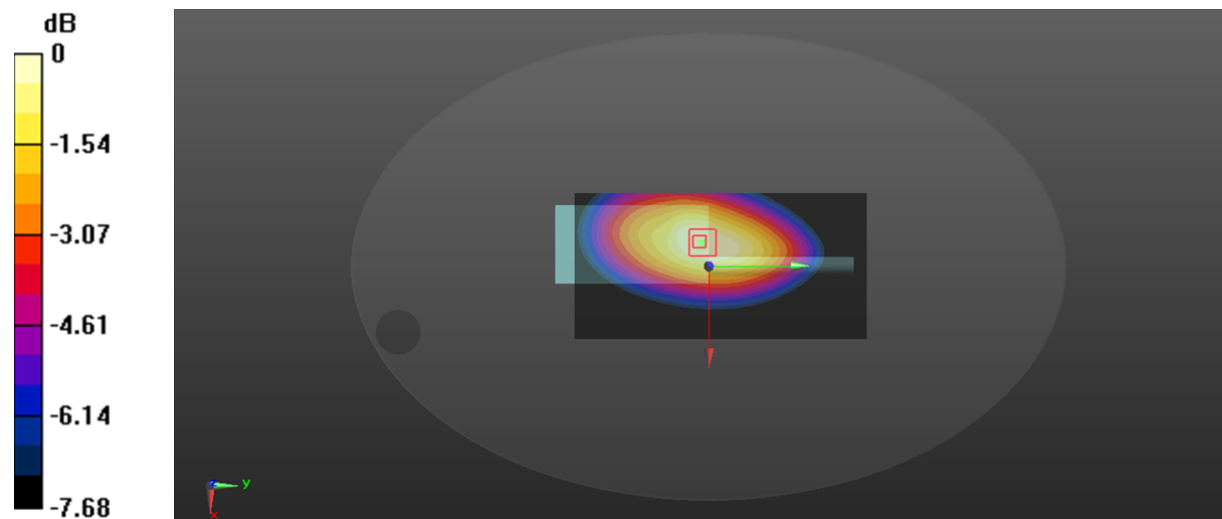
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 107.2 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 15.8 W/kg

**SAR(1 g) = 10.8 W/kg; SAR(10 g) = 7.8 W/kg**

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



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

**Plot 48#:519.9875MHz\_Body Back \_25kHz\_ANT2**

**DUT: TP3300 Two Way Radio; Type: T03-00312-HBAA; Serial: CR21120025-SA-S2**

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

Medium parameters used:  $f = 519.988$  MHz;  $\sigma = 0.872$  S/m;  $\epsilon_r = 43.853$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

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

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

Maximum value of SAR (interpolated) = 12.5 W/kg

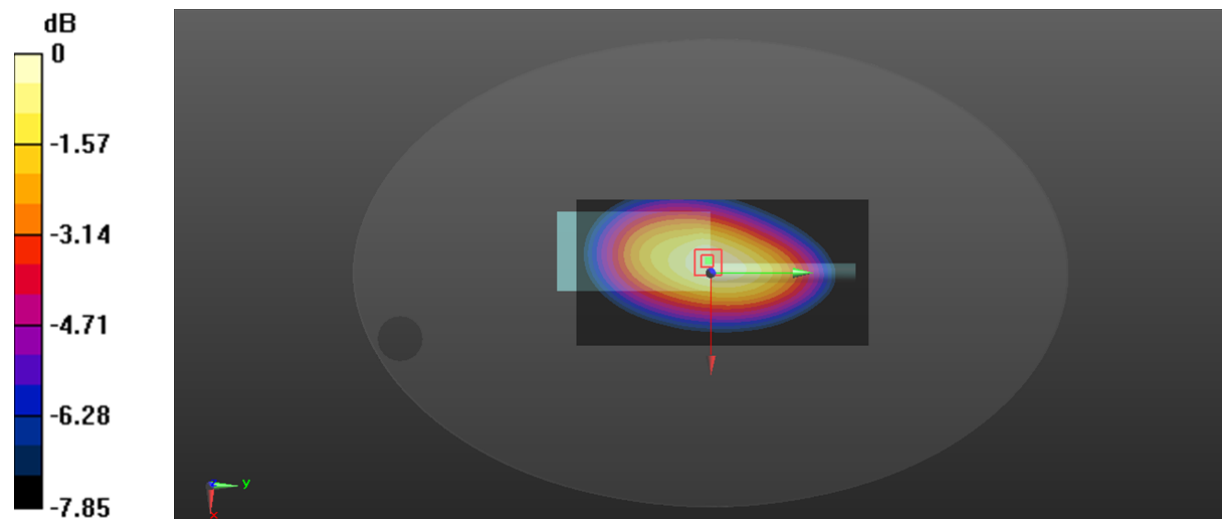
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 123.7 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 17.0 W/kg

**SAR(1 g) = 11.5 W/kg; SAR(10 g) = 8.3 W/kg**

Maximum value of SAR (measured) = 12.1 W/kg



0 dB = 12.1 W/kg = 10.83 dBW/kg



Plot 49#:519.9875MHz\_Body Back\_4FSK\_ANT2

DUT: TP3300 Two Way Radio; Type: T03-00312-HBAA; Serial: CR21120025-SA-S2

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

Medium parameters used:  $f = 519.988$  MHz;  $\sigma = 0.872$  S/m;  $\epsilon_r = 43.853$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

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

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

Maximum value of SAR (interpolated) = 4.97 W/kg

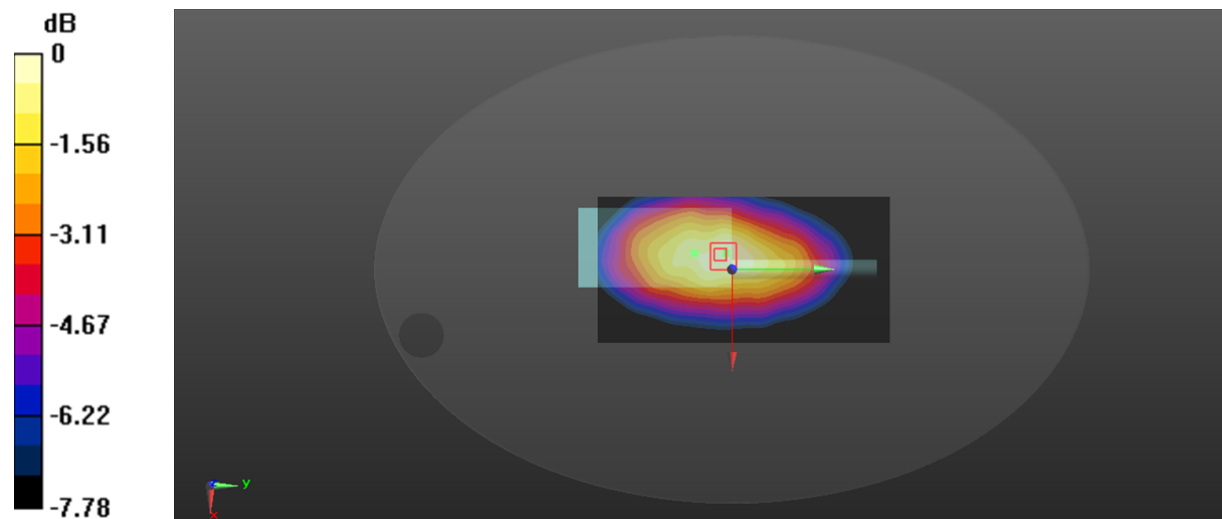
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 72.20 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 6.61 W/kg

**SAR(1 g) = 4.44 W/kg; SAR(10 g) = 3.28 W/kg**

Maximum value of SAR (measured) = 4.80 W/kg



0 dB = 4.80 W/kg = 6.81 dBW/kg

**Plot 50#: 519.9875MHz\_Body Back With Headset\_25kHz\_ANT2**

**DUT: TP3300 Two Way Radio; Type: T03-00312-HBAA; Serial: CR21120025-SA-S2**

Communication System: FM; Frequency: 519.987 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 519.988$  MHz;  $\sigma = 0.872$  S/m;  $\epsilon_r = 43.853$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 519.987 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) = 9.42 W/kg

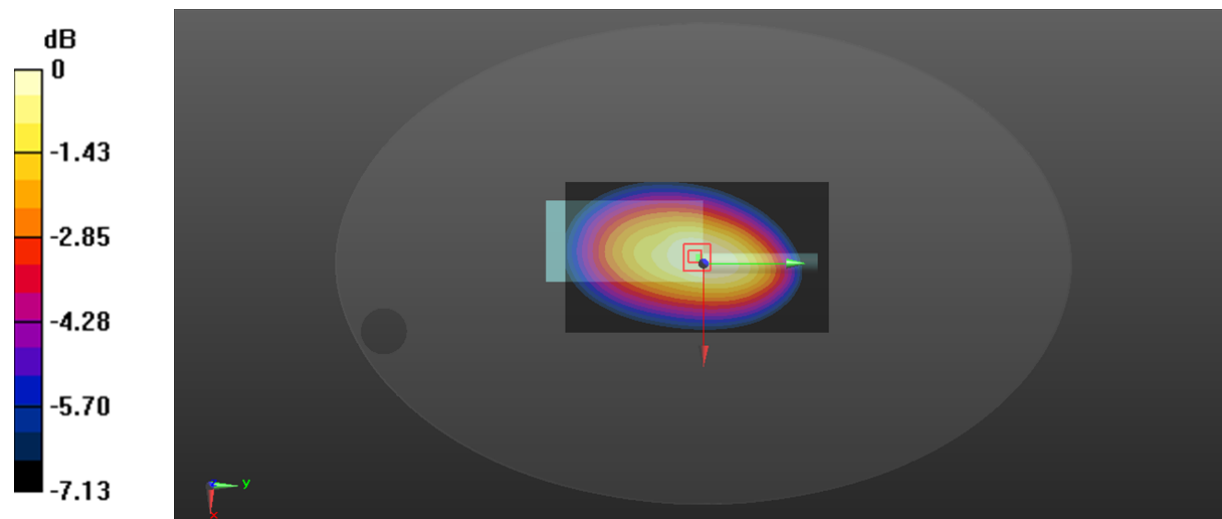
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 100.1 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 11.4 W/kg

**SAR(1 g) = 9.35 W/kg; SAR(10 g) = 6.76 W/kg**

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



0 dB = 9.04 W/kg = 9.56 dBW/kg

**Plot 51#:450.0125MHz\_Face Up\_12.5kHz\_ANT1**

**DUT: TP3300 Two Way Radio; Type: T03-00312-HAAA; Serial: CR21120025-SA-S3**

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

Medium parameters used:  $f = 450.012$  MHz;  $\sigma = 0.848$  S/m;  $\epsilon_r = 44.805$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

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

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

Maximum value of SAR (interpolated) = 5.37 W/kg

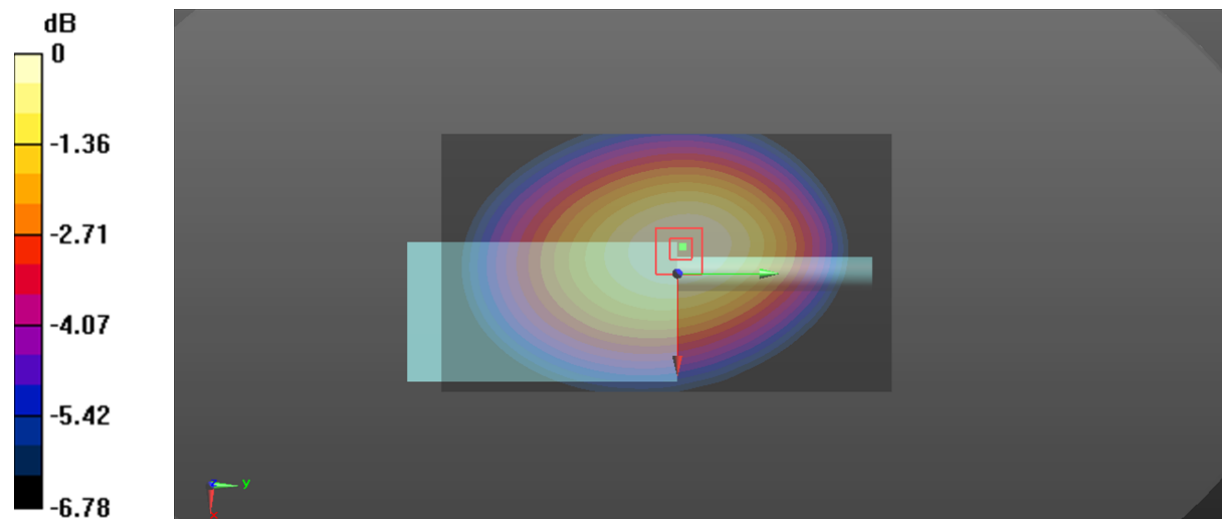
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 79.10 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 6.90 W/kg

**SAR(1 g) = 5.09 W/kg; SAR(10 g) = 3.9 W/kg**

Maximum value of SAR (measured) = 5.30 W/kg



0 dB = 5.30 W/kg = 7.24 dBW/kg

**Plot 52#: 450.0125MHz\_Face Up \_25kHz\_ANT1**

**DUT: TP3300 Two Way Radio; Type: T03-00312-HAAA; Serial: CR21120025-SA-S3**

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

Medium parameters used:  $f = 450.012$  MHz;  $\sigma = 0.848$  S/m;  $\epsilon_r = 44.805$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

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

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

Maximum value of SAR (interpolated) = 4.82 W/kg

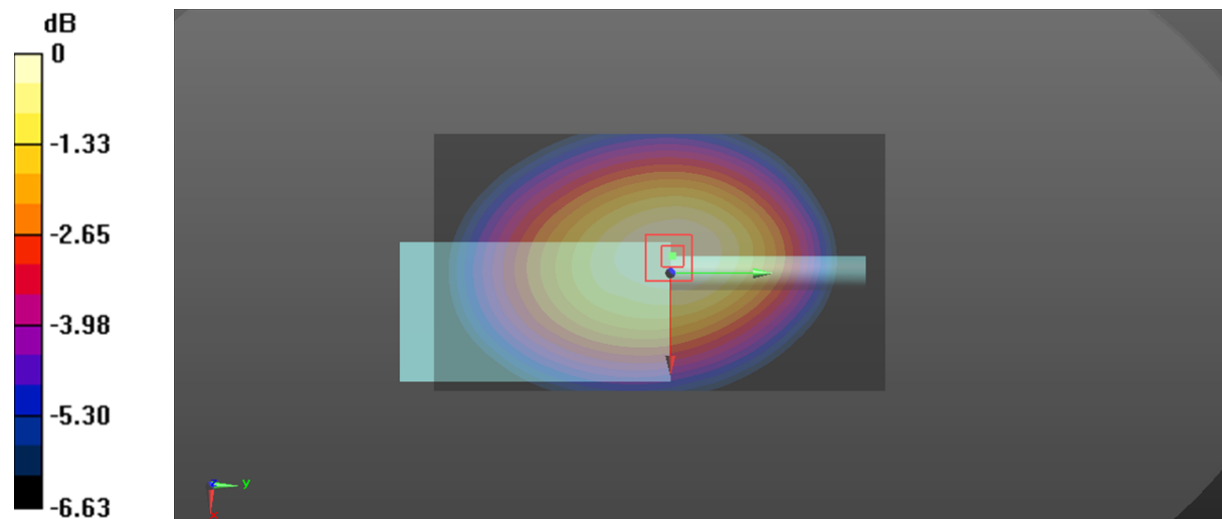
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 78.10 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 6.13 W/kg

**SAR(1 g) = 4.55 W/kg; SAR(10 g) = 3.51 W/kg**

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



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

**Plot 53#: 450.0125MHz\_4FSK\_ANT1**

**DUT: TP3300 Two Way Radio; Type: T03-00312-HAAA; Serial: CR21120025-SA-S3**

Communication System: 4FSK; Frequency: 450.012 MHz; Duty Cycle: 1:2

Medium parameters used:  $f = 450.012$  MHz;  $\sigma = 0.848$  S/m;  $\epsilon_r = 44.805$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

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

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

Maximum value of SAR (interpolated) = 1.95 W/kg

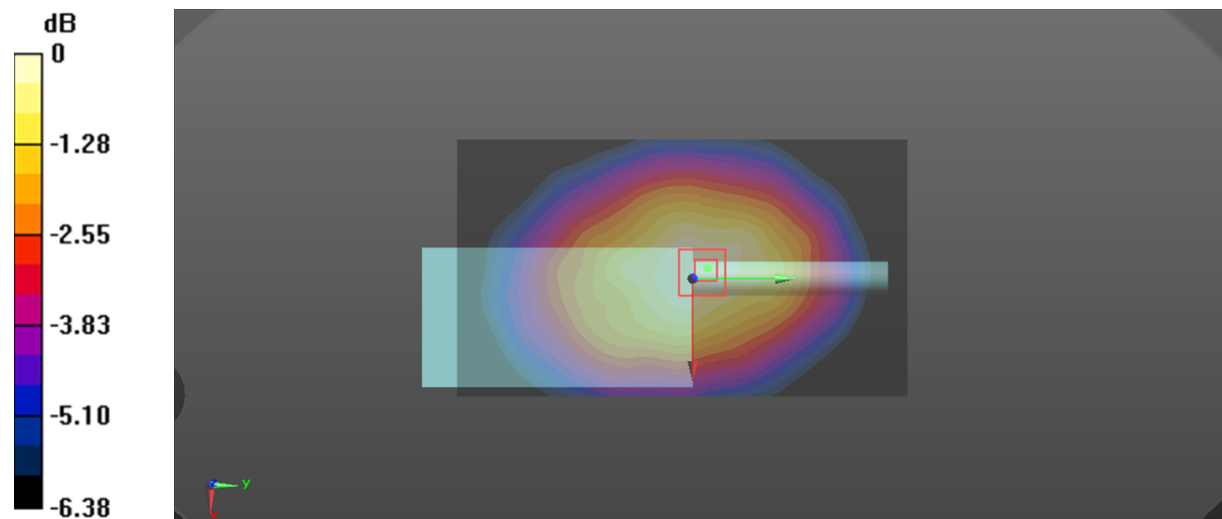
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 48.75 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 2.38 W/kg

**SAR(1 g) = 1.79 W/kg; SAR(10 g) = 1.4 W/kg**

Maximum value of SAR (measured) = 1.91 W/kg



0 dB = 1.91 W/kg = 2.81 dBW/kg

**Plot 54#: 450.0125MHz\_Body Back\_12.5kHz\_ANT1**

**DUT: TP3300 Two Way Radio; Type: T03-00312-HAAA; Serial: CR21120025-SA-S3**

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

Medium parameters used:  $f = 450.012$  MHz;  $\sigma = 0.848$  S/m;  $\epsilon_r = 44.805$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

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

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

Maximum value of SAR (interpolated) = 9.56 W/kg

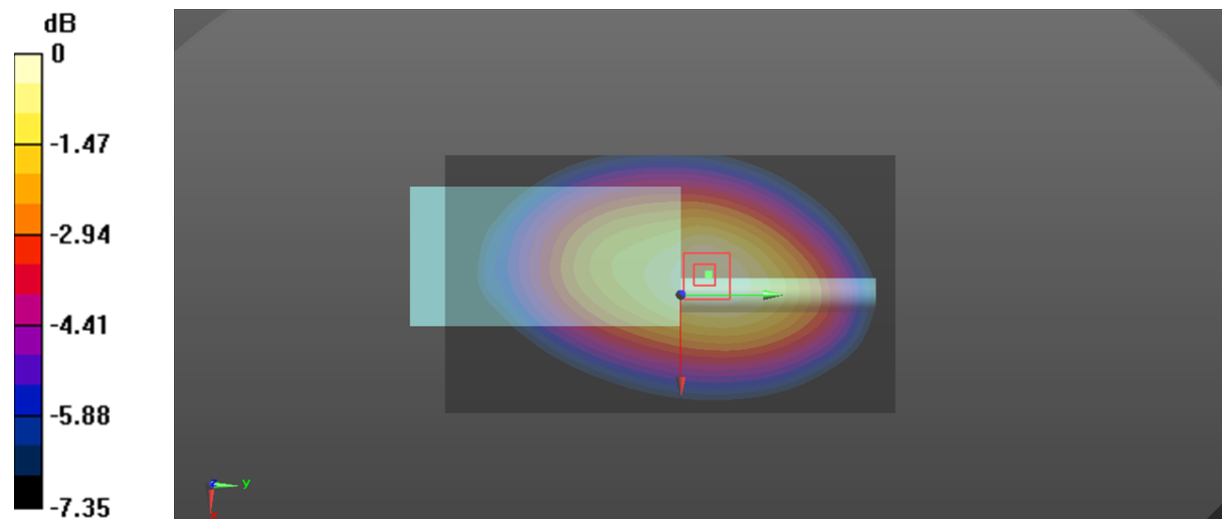
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 104.9 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 12.9 W/kg

**SAR(1 g) = 8.98 W/kg; SAR(10 g) = 6.61 W/kg**

Maximum value of SAR (measured) = 9.38 W/kg



0 dB = 9.38 W/kg = 9.72 dBW/kg

**Plot 55#: 450.0125MHz\_Body Back\_25kHz\_ANT1**

**DUT: TP3300 Two Way Radio; Type: T03-00312-HAAA; Serial: CR21120025-SA-S3**

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

Medium parameters used:  $f = 450.012$  MHz;  $\sigma = 0.848$  S/m;  $\epsilon_r = 44.805$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

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

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

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

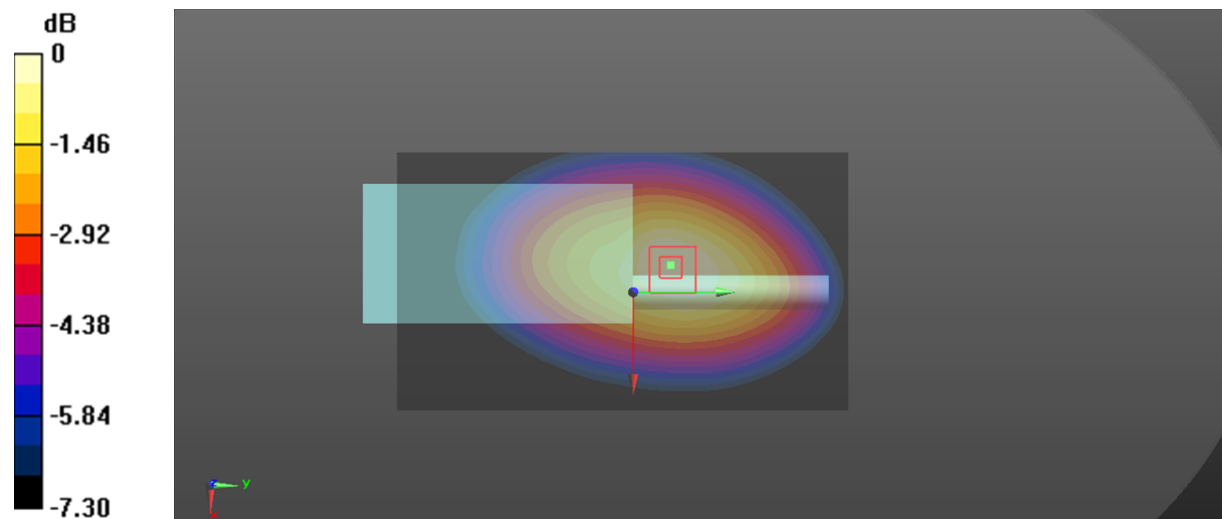
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 103.3 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 13.5 W/kg

**SAR(1 g) = 9.42 W/kg; SAR(10 g) = 6.95 W/kg**

Maximum value of SAR (measured) = 9.87 W/kg



0 dB = 9.87 W/kg = 9.94 dBW/kg

**Plot 56#: 467.5125MHz\_Body Back\_25kHz\_ANT1**

**DUT: TP3300 Two Way Radio; Type: T03-00312-HAAA; Serial: CR21120025-SA-S3**

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

Medium parameters used:  $f = 467.512$  MHz;  $\sigma = 0.853$  S/m;  $\epsilon_r = 44.648$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

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

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

Maximum value of SAR (interpolated) = 9.82 W/kg

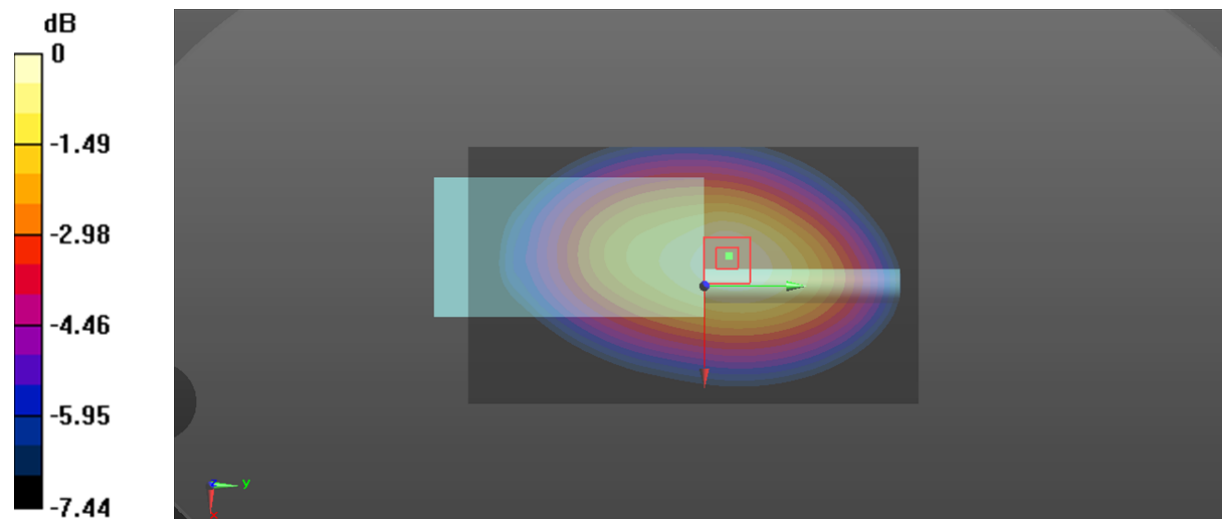
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 103.7 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 13.2 W/kg

**SAR(1 g) = 9.16 W/kg; SAR(10 g) = 6.75 W/kg**

Maximum value of SAR (measured) = 9.59 W/kg



0 dB = 9.59 W/kg = 9.82 dBW/kg



**Plot 57#: 485MHz\_ Body Back \_25kHz\_ ANT1**

**DUT: TP3300 Two Way Radio; Type: T03-00312-HAAA; Serial: CR21120025-SA-S3**

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

Medium parameters used:  $f = 485$  MHz;  $\sigma = 0.856$  S/m;  $\epsilon_r = 44.452$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

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

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

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

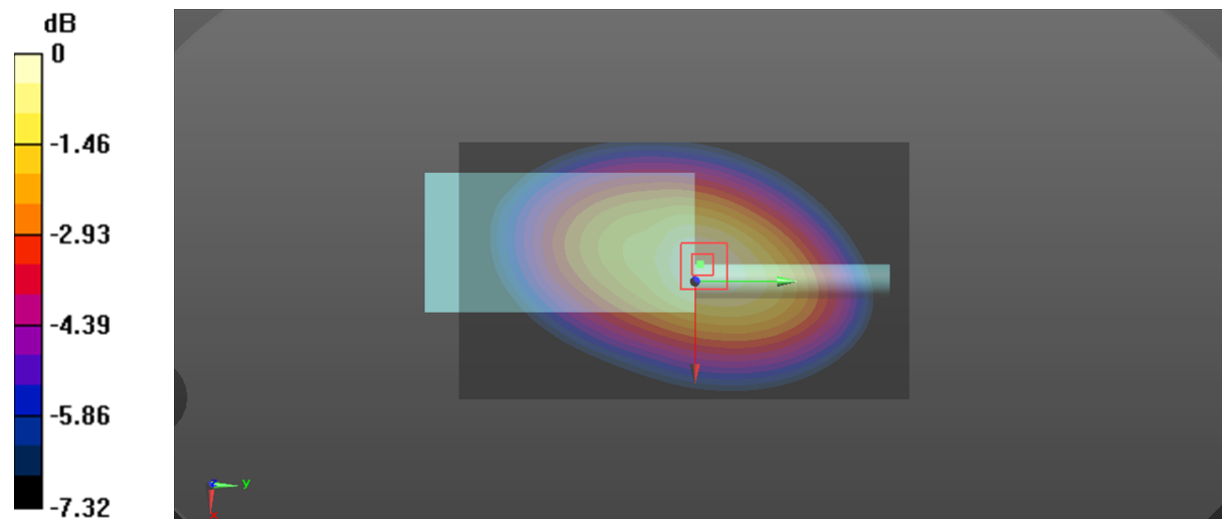
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 104.7 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 12.2 W/kg

**SAR(1 g) = 8.42 W/kg; SAR(10 g) = 6.17 W/kg**

Maximum value of SAR (measured) = 8.86 W/kg



0 dB = 8.86 W/kg = 9.47 dBW/kg

**Plot 58#: 502.4875MHz\_Body Back\_25kHz\_ANT1**

**DUT: TP3300 Two Way Radio; Type: T03-00312-HAAA; Serial: CR21120025-SA-S3**

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

Medium parameters used:  $f = 502.488\text{MHz}$ ;  $\sigma = 0.862\text{ S/m}$ ;  $\epsilon_r = 44.15$ ;  $\rho = 1000\text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

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

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

Maximum value of SAR (interpolated) =  $8.57\text{ W/kg}$

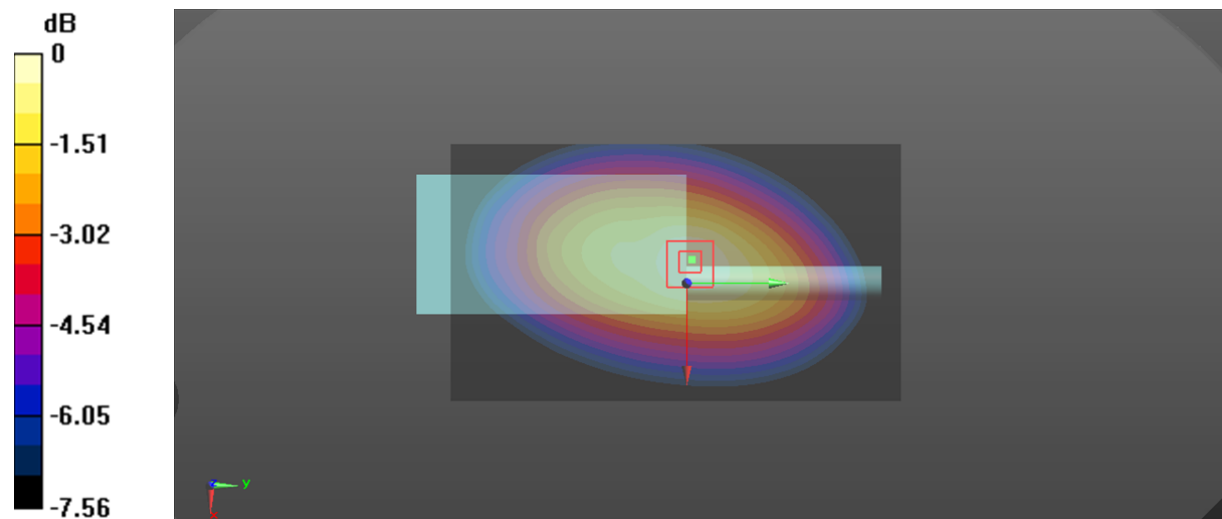
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $100.6\text{ V/m}$ ; Power Drift =  $-0.05\text{ dB}$

Peak SAR (extrapolated) =  $12.1\text{ W/kg}$

**SAR(1 g) =  $8.28\text{ W/kg}$ ; SAR(10 g) =  $6.03\text{ W/kg}$**

Maximum value of SAR (measured) =  $8.68\text{ W/kg}$



0 dB =  $8.68\text{ W/kg} = 9.39\text{ dBW/kg}$

**Plot 59#: 519.9875MHz\_Body Back\_25kHz\_ANT1**

**DUT: TP3300 Two Way Radio; Type: T03-00312-HAAA; Serial: CR21120025-SA-S3**

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

Medium parameters used:  $f = 519.988$  MHz;  $\sigma = 0.872$  S/m;  $\epsilon_r = 43.853$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

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

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

Maximum value of SAR (interpolated) = 9.66 W/kg

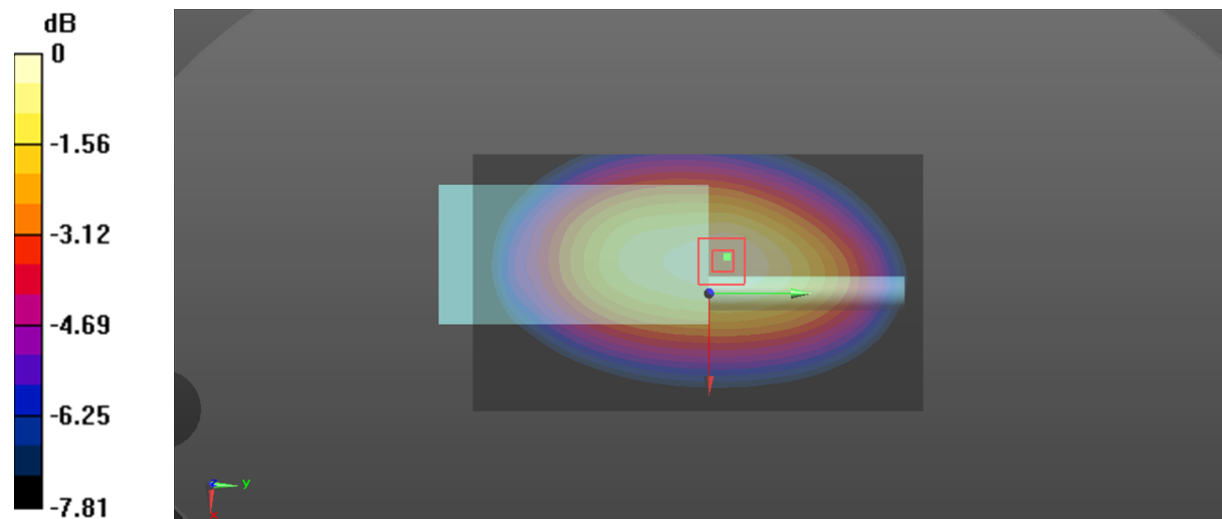
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 102.2 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 13.1 W/kg

**SAR(1 g) = 8.89 W/kg; SAR(10 g) = 6.43 W/kg**

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



0 dB = 9.33 W/kg = 9.70 dBW/kg

**Plot 60#: 450.0125MHz\_Body Back\_4FSK\_ANT1****DUT: TP3300 Two Way Radio; Type: T03-00312-HAAA; Serial: CR21120025-SA-S3**

Communication System: 4FSK; Frequency: 450.012 MHz; Duty Cycle: 1:2

Medium parameters used:  $f = 450.012$  MHz;  $\sigma = 0.848$  S/m;  $\epsilon_r = 44.805$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

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

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

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

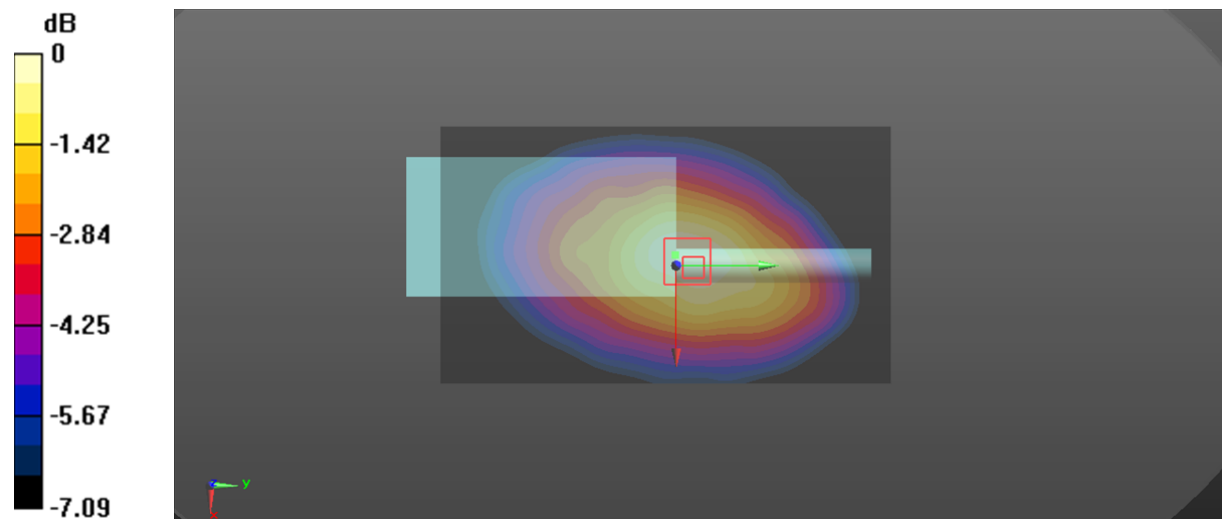
**Zoom Scan (6x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 70.58 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 5.59 W/kg

**SAR(1 g) = 3.86 W/kg; SAR(10 g) = 2.93 W/kg**

Maximum value of SAR (measured) = 4.15 W/kg



0 dB = 4.15 W/kg = 6.18 dBW/kg

**Plot 61#: 519.9875MHz \_Face Up\_12.5kHz\_ANT2**

**DUT: TP3300 Two Way Radio; Type: T03-00312-HAAA; Serial: CR21120025-SA-S3**

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

Medium parameters used:  $f = 519.988$  MHz;  $\sigma = 0.872$  S/m;  $\epsilon_r = 43.853$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

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

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

Maximum value of SAR (interpolated) = 6.18 W/kg

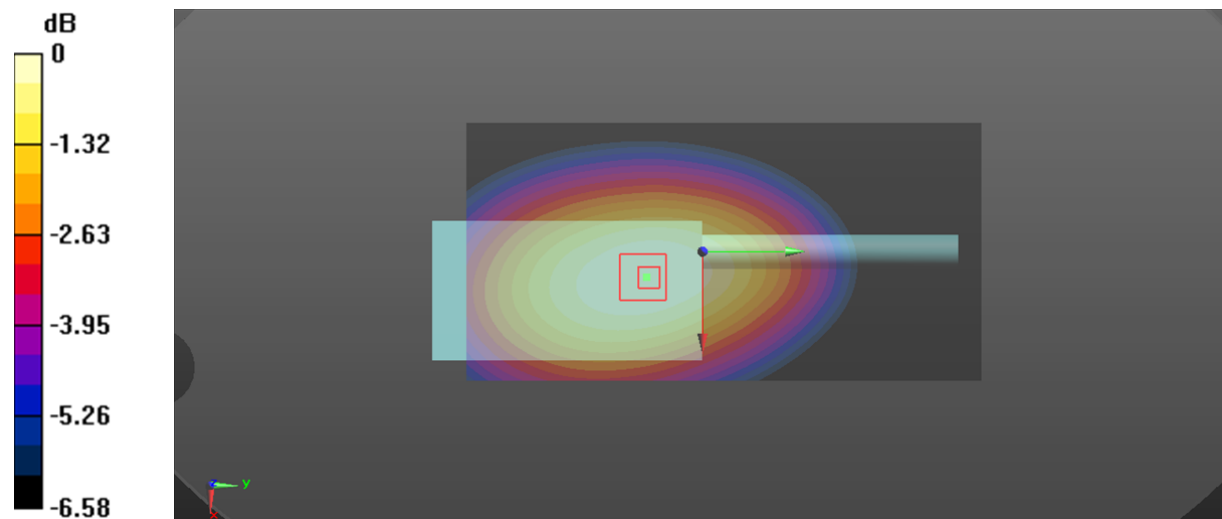
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 83.39 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 8.02 W/kg

**SAR(1 g) = 5.83 W/kg; SAR(10 g) = 4.46 W/kg**

Maximum value of SAR (measured) = 6.07 W/kg



0 dB = 6.07 W/kg = 7.83 dBW/kg

**Plot 62#: 519.9875MHz\_Face Up\_25kHz\_ANT2**

**DUT: TP3300 Two Way Radio; Type: T03-00312-HAAA; Serial: CR21120025-SA-S3**

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

Medium parameters used:  $f = 519.988$  MHz;  $\sigma = 0.872$  S/m;  $\epsilon_r = 43.853$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

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

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

Maximum value of SAR (interpolated) = 6.43 W/kg

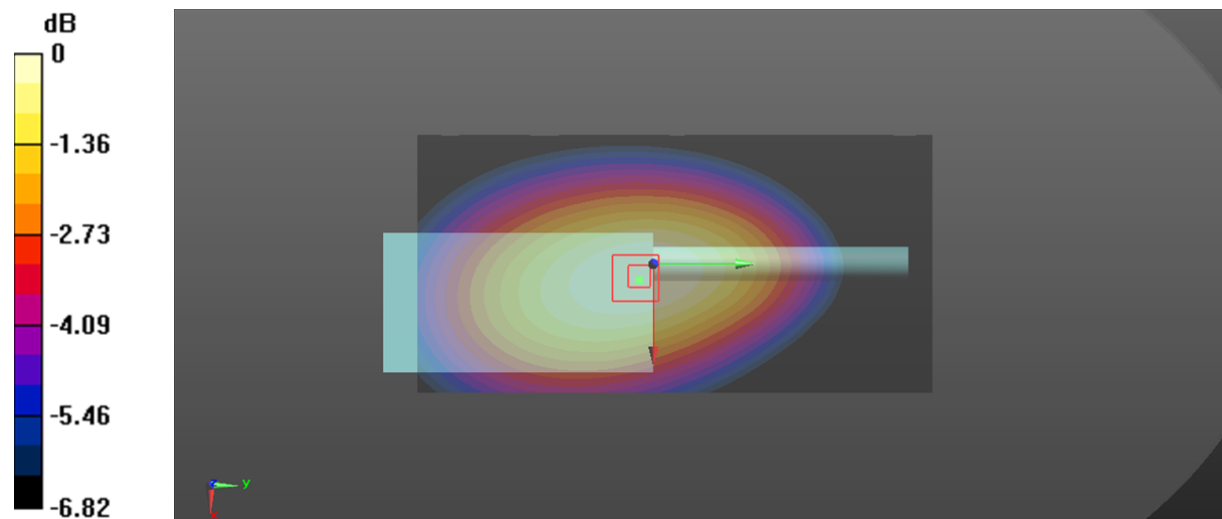
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 89.95 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 8.42 W/kg

**SAR(1 g) = 6.06 W/kg; SAR(10 g) = 4.58 W/kg**

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



0 dB = 6.30 W/kg = 7.99 dBW/kg

**Plot 63#: 519.9875MHz\_Face Up\_4FSK\_ANT2**

**DUT: TP3300 Two Way Radio; Type: T03-00312-HAAA; Serial: CR21120025-SA-S3**

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

Medium parameters used:  $f = 519.988$  MHz;  $\sigma = 0.872$  S/m;  $\epsilon_r = 43.853$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

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

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

Maximum value of SAR (interpolated) = 2.71 W/kg

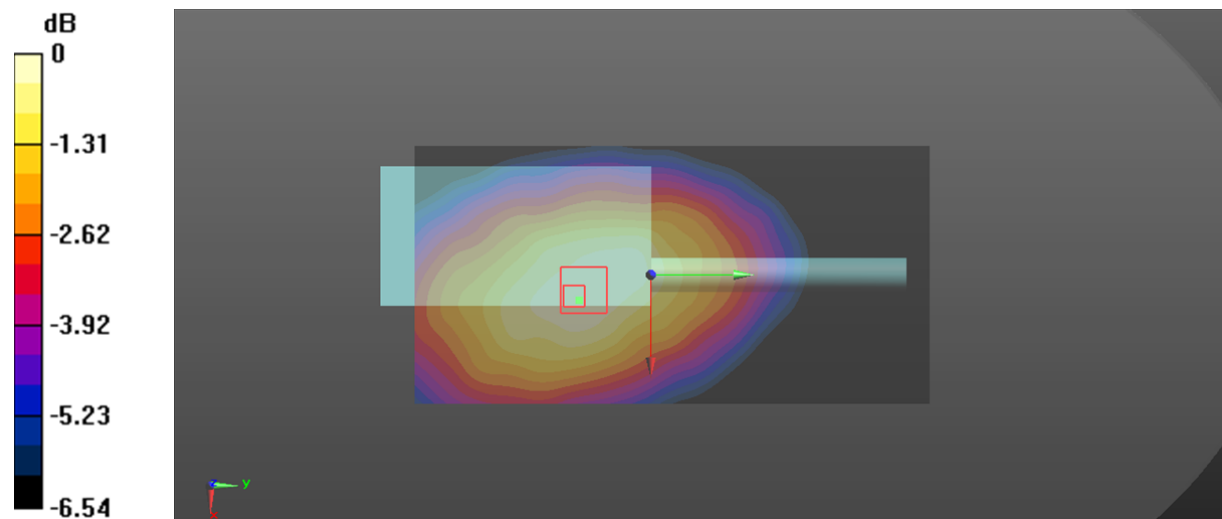
**Zoom Scan (6x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 54.43 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 3.67 W/kg

**SAR(1 g) = 2.55 W/kg; SAR(10 g) = 1.99 W/kg**

Maximum value of SAR (measured) = 2.73 W/kg



0 dB = 2.73 W/kg = 4.36 dBW/kg

**Plot 64#: 450.0125MHz\_Body Back\_12.5kHz\_ANT2**

**DUT: TP3300 Two Way Radio; Type: T03-00312-HAAA; Serial: CR21120025-SA-S3**

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

Medium parameters used:  $f = 450.012$  MHz;  $\sigma = 0.848$  S/m;  $\epsilon_r = 44.805$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

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

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

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

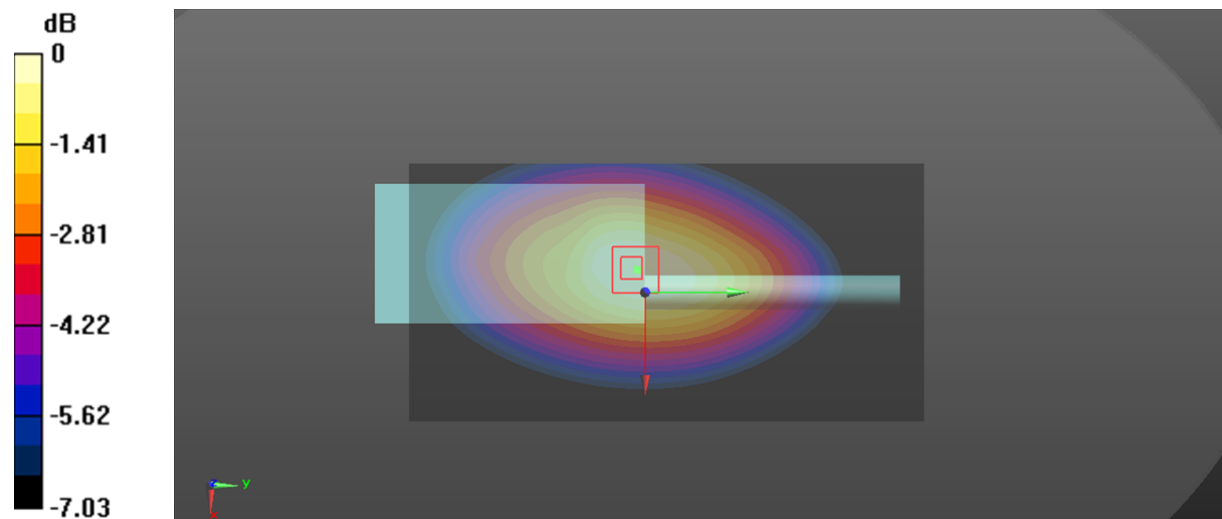
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 95.70 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 10.1 W/kg

**SAR(1 g) = 7.16 W/kg; SAR(10 g) = 5.34 W/kg**

Maximum value of SAR (measured) = 7.46 W/kg



0 dB = 7.46 W/kg = 8.73 dBW/kg



**Plot 65#: 467.5125MHz\_Body Back\_12.5kHz\_ANT2**

**DUT: TP3300 Two Way Radio; Type: T03-00312-HAAA; Serial: CR21120025-SA-S3**

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

Medium parameters used:  $f = 467.512$  MHz;  $\sigma = 0.853$  S/m;  $\epsilon_r = 44.648$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

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

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

Maximum value of SAR (interpolated) = 11.1 W/kg

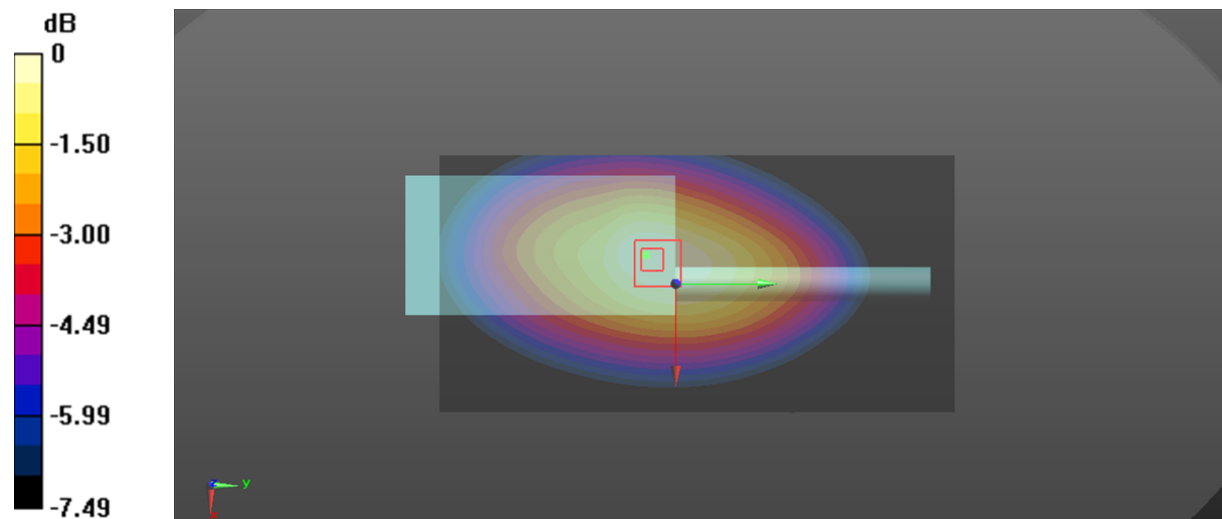
**Zoom Scan (6x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 117.7 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 14.9 W/kg

**SAR(1 g) = 10.4 W/kg; SAR(10 g) = 7.73 W/kg**

Maximum value of SAR (measured) = 10.9 W/kg



0 dB = 10.9 W/kg = 10.37 dBW/kg

**Plot 66#: 485MHz\_ Body Back \_12.5kHz\_ ANT2**

**DUT: TP3300 Two Way Radio; Type: T03-00312-HAAA; Serial: CR21120025-SA-S3**

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

Medium parameters used:  $f = 485$  MHz;  $\sigma = 0.856$  S/m;  $\epsilon_r = 44.452$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

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

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

Maximum value of SAR (interpolated) = 11.9 W/kg

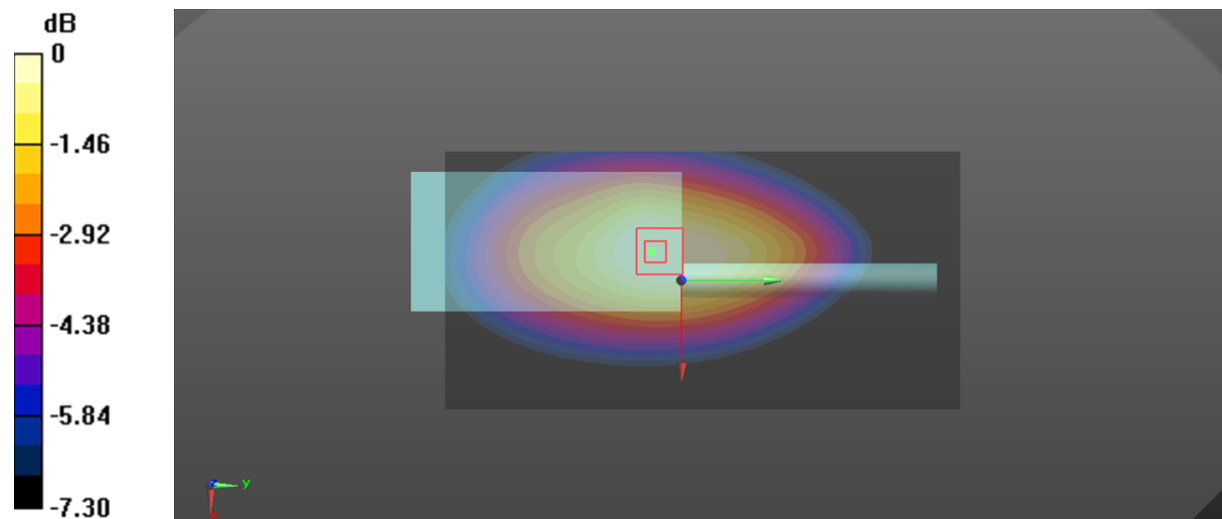
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 117.4 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 15.9 W/kg

**SAR(1 g) = 11 W/kg; SAR(10 g) = 8.12 W/kg**

Maximum value of SAR (measured) = 11.5 W/kg



0 dB = 11.5 W/kg = 10.61 dBW/kg

**Plot 67#: 502.4875MHz\_Body Back\_12.5kHz\_ANT2**

**DUT: TP3300 Two Way Radio; Type: T03-00312-HAAA; Serial: CR21120025-SA-S3**

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

Medium parameters used:  $f = 502.488$  MHz;  $\sigma = 0.862$  S/m;  $\epsilon_r = 44.15$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

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

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

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

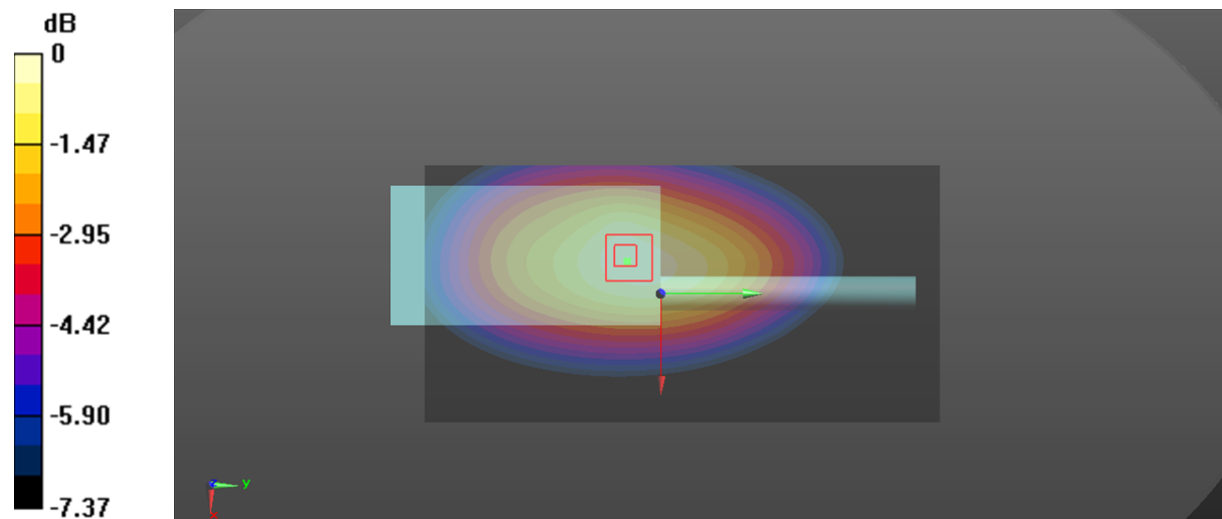
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 106.9 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 14.7 W/kg

**SAR(1 g) = 10.1 W/kg; SAR(10 g) = 7.35 W/kg**

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



0 dB = 10.5 W/kg = 10.21 dBW/kg

**Plot 68#: 519.9875MHz \_ Body Back \_ 12.5kHz \_ ANT2**

**DUT: TP3300 Two Way Radio; Type: T03-00312-HAAA; Serial: CR21120025-SA-S3**

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

Medium parameters used:  $f = 519.988$  MHz;  $\sigma = 0.872$  S/m;  $\epsilon_r = 43.853$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

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

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

Maximum value of SAR (interpolated) = 12.3 W/kg

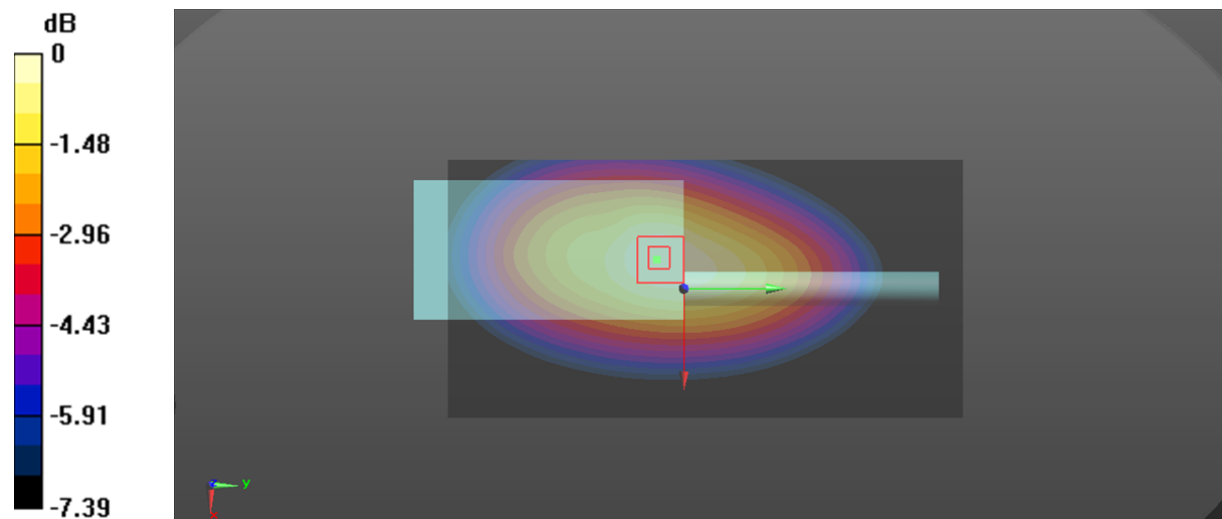
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 119.3 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 17.2 W/kg

**SAR(1 g) = 11.6 W/kg; SAR(10 g) = 8.45 W/kg**

Maximum value of SAR (measured) = 12.2 W/kg



0 dB = 12.2 W/kg = 10.86 dBW/kg

**Plot 69#: 519.9875MHz\_Body Back\_25kHz\_ANT2**

**DUT: TP3300 Two Way Radio; Type: T03-00312-HAAA; Serial: CR21120025-SA-S3**

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

Medium parameters used:  $f = 519.988$  MHz;  $\sigma = 0.872$  S/m;  $\epsilon_r = 43.853$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

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

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

Maximum value of SAR (interpolated) = 12.2 W/kg

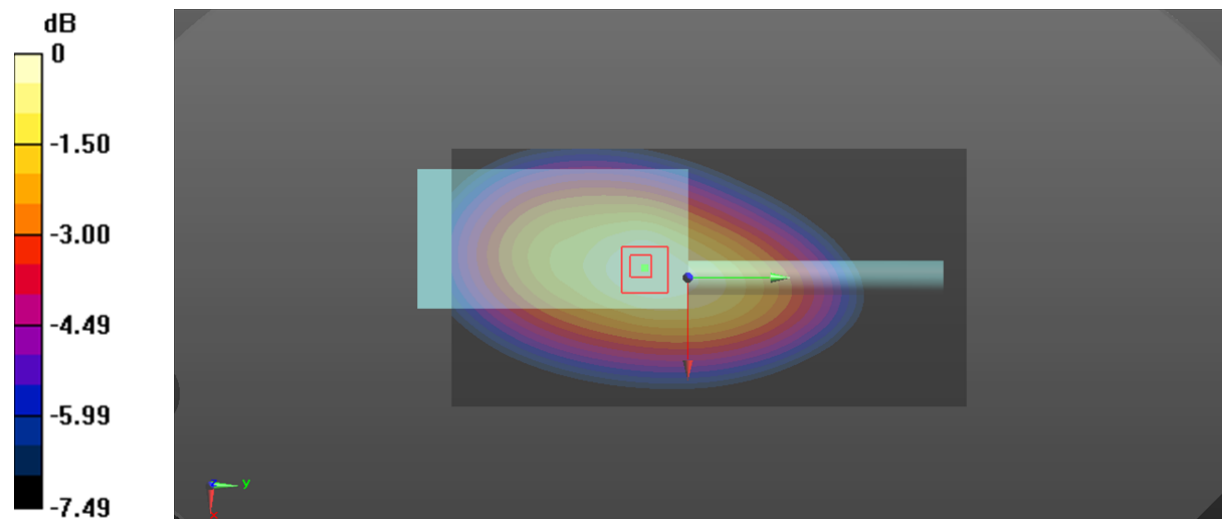
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 120.4 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 17.0 W/kg

**SAR(1 g) = 11.4 W/kg; SAR(10 g) = 8.37 W/kg**

Maximum value of SAR (measured) = 12.1 W/kg



0 dB = 12.1 W/kg = 10.83 dBW/kg

**Plot 70#: 519.9875MHz\_Body Back\_4FSK\_ANT2**

**DUT: TP3300 Two Way Radio; Type: T03-00312-HAAA; Serial: CR21120025-SA-S3**

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

Medium parameters used:  $f = 519.988$  MHz;  $\sigma = 0.872$  S/m;  $\epsilon_r = 43.853$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

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

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

Maximum value of SAR (interpolated) = 5.02 W/kg

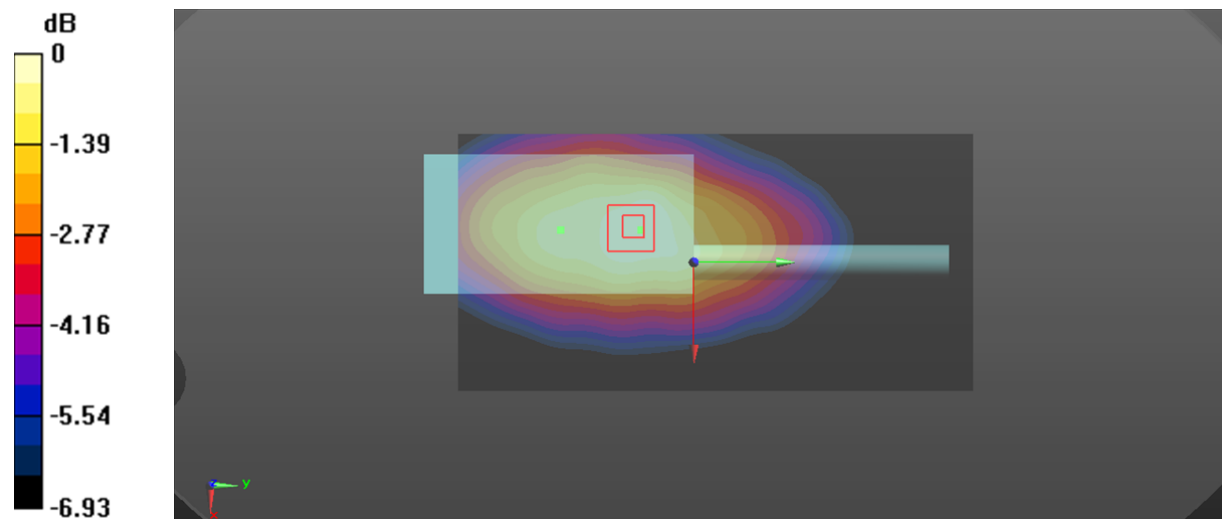
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 67.57 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 6.54 W/kg

**SAR(1 g) = 4.54 W/kg; SAR(10 g) = 3.4 W/kg**

Maximum value of SAR (measured) = 4.76 W/kg



0 dB = 4.76 W/kg = 6.78 dBW/kg

**Plot 71#: 519.9875MHz\_Body Back With Headset\_12.5kHz\_ANT2****DUT: TP3300 Two Way Radio; Type: T03-00312-HAAA; Serial: CR21120025-SA-S3**

Communication System: FM; Frequency: 519.987 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 519.988$  MHz;  $\sigma = 0.872$  S/m;  $\epsilon_r = 43.853$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 519.987 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) = 10.3 W/kg

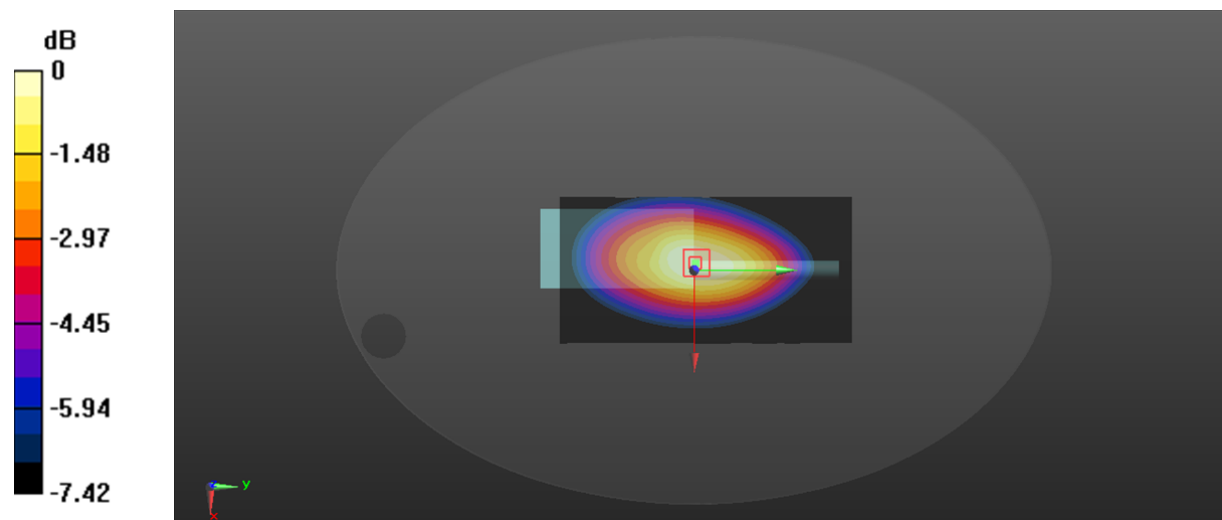
**Zoom Scan (6x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 104.2 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 12.3 W/kg

**SAR(1 g) = 9.48 W/kg; SAR(10 g) = 7.27 W/kg**

Maximum value of SAR (measured) = 9.91 W/kg



0 dB = 9.91 W/kg = 9.96 dBW/kg