

APPENDIX B: SAR DIPOLE VERIFICATION PLOTS

|                    |                                                                                     |                                                                                                                                                                                                                  |                                   |
|--------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|
| FCC ID: BCG-A3581  | RF EXPOSURE REPORT                                                                  |                                                                                                                                                                                                                  | Approved by:<br>Technical Manager |
| DUT Type:<br>Watch |  | This report is Blockchain Verified. To verify the report authenticity, please visit <a href="https://www.blockchain-verified.com">https://www.blockchain-verified.com</a> or by clicking on the Blockchain logo. | Appendix B                        |

# ELEMENT

**DUT: Dipole 13.0 MHz; Type: CLA13 - SN1004**

Communication System: UID: 0, CW; Frequency: 13.0 MHz

Medium: 30 Head; Medium parameters used:

$f = 13.0$  MHz;  $\text{cond} = 0.752$  S/m;  $\text{perm} = 53.5$ ;  $\text{density} = 1000$  kg/m<sup>3</sup>

Phantom Section: Flat; Space: 0 mm

Test Date: 07/08/2026; Ambient Temp: 21.1°C; Tissue Temp: 24.6°C

Probe: EX3DV4 - SN7782; ConvF:(18.49,15.42,16.82); Calibrated: 2025-09-15

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1646; Calibrated: 2025-09-10

Phantom: ELI V6.0; Serial: 2044

Measurement SW: DASY Module SAR V16.4.0.5005

## 13.0 MHz System Verification at 30.0 dBm (1000 mW)

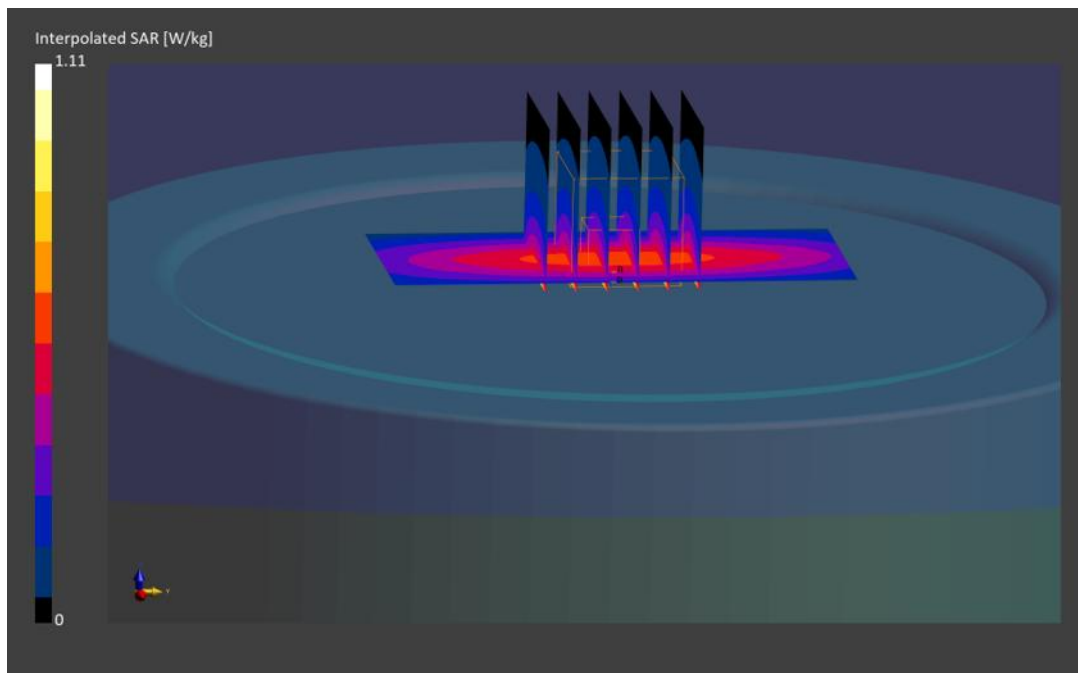
**Area Scan (40.0 x 90.0):** Measurement grid:  $dx=10.0$  mm,  $dy=15.0$  mm

**Zoom Scan (30.0 x 30.0 x 31.2):** Measurement grid:  $dx=6.0$  mm,  $dy=6.0$  mm,  $dz=1.5$  mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 1.11 W/kg

**SAR(1 g) = 0.544 W/kg; SAR(10 g) = 0.334 W/kg**

Deviation (1 g) = -7.01%; Deviation (10 g) = -6.70%



# ELEMENT

**DUT: Dipole 2450.0 MHz; Type: D2450V2 - SN855**

Communication System: UID: 0, CW; Frequency: 2450.0 MHz

Medium: 2450 Head; Medium parameters used:

$f = 2450.0$  MHz;  $\text{cond} = 1.86$  S/m;  $\text{perm} = 38.2$ ;  $\text{density} = 1000$  kg/m<sup>3</sup>

Phantom Section: Flat; Space: 10 mm

Test Date: 06/16/2026; Ambient Temp: 22.5°C; Tissue Temp: 23.1°C

Probe: EX3DV4 - SN7551; ConvF:(6.86,6.94,7.06); Calibrated: 2026-03-10

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1323; Calibrated: 2026-03-10

Phantom: Twin-SAM V8.0; Serial: 2058

Measurement SW: DASY Module SAR V16.4.0.5005

## 2450.0 MHz System Verification at 20.0 dBm (100 mW)

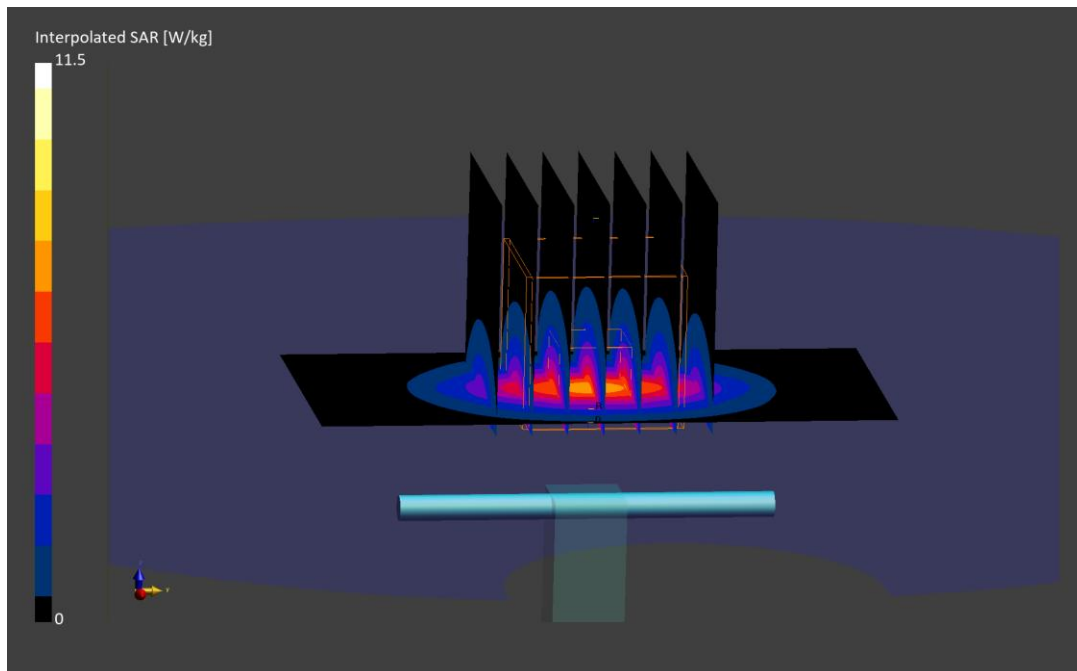
**Area Scan (40.0 x 80.0):** Measurement grid:  $dx=10.0$  mm,  $dy=10.0$  mm

**Zoom Scan (30.0 x 30.0 x 31.2):** Measurement grid:  $dx=5.0$  mm,  $dy=5.0$  mm,  $dz=1.5$  mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 11.5 W/kg

**SAR(1 g) = 5.43 W/kg; SAR(10 g) = 2.45 W/kg**

Deviation (1 g) = 1.88%; Deviation (10 g) = -2.00%



# ELEMENT

**DUT: Dipole 2450.0 MHz; Type: D2450V2 - SN855**

Communication System: UID: 0, CW; Frequency: 2450.0 MHz

Medium: 2450 Head; Medium parameters used:

$f = 2450.0$  MHz;  $\text{cond} = 1.86$  S/m;  $\text{perm} = 38.4$ ;  $\text{density} = 1000$  kg/m<sup>3</sup>

Phantom Section: Flat; Space: 10 mm

Test Date: 07/07/2026; Ambient Temp: 24.0°C; Tissue Temp: 23.2°C

Probe: EX3DV4 - SN7551; ConvF:(6.86,6.94,7.06); Calibrated: 2026-03-10

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1323; Calibrated: 2026-03-10

Phantom: Twin-SAM V8.0; Serial: 2058

Measurement SW: DASY Module SAR V16.4.0.5005

## 2450.0 MHz System Verification at 20.0 dBm (100 mW)

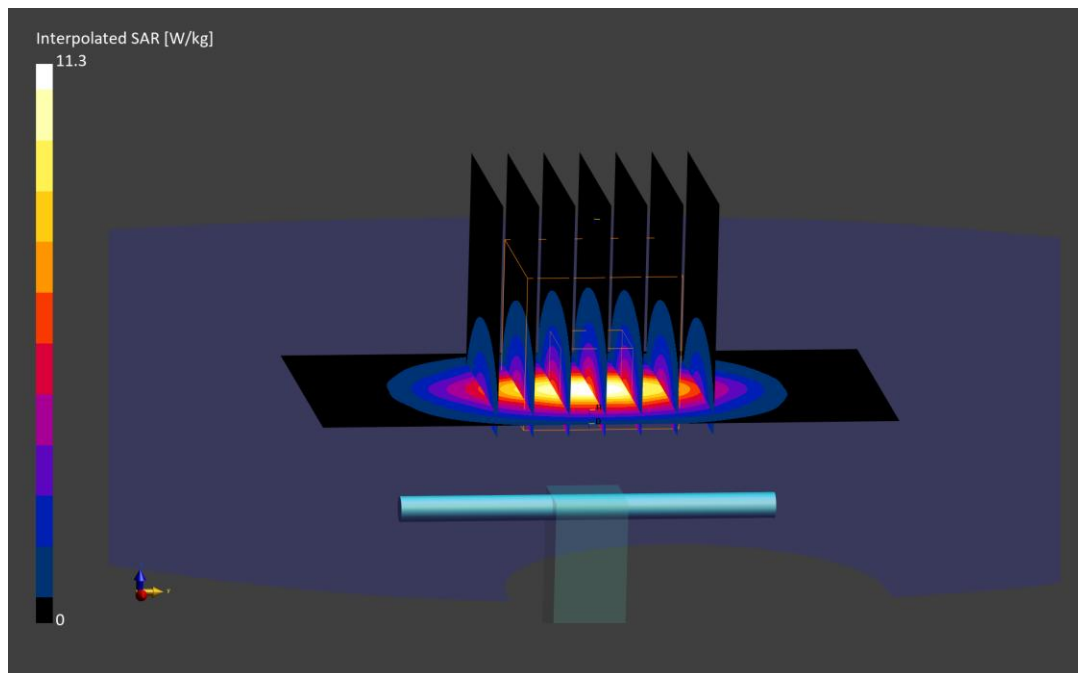
**Area Scan (40.0 x 80.0):** Measurement grid:  $dx=10.0$  mm,  $dy=10.0$  mm

**Zoom Scan (30.0 x 30.0 x 31.2):** Measurement grid:  $dx=5.0$  mm,  $dy=5.0$  mm,  $dz=1.5$  mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 11.3 W/kg

**SAR(1 g) = 5.33 W/kg; SAR(10 g) = 2.42 W/kg**

Deviation (1 g) = 0.00%; Deviation (10 g) = -3.20%



# ELEMENT

**DUT: Dipole 5250.0 MHz; Type: D5GHzV2 - SN1123**

Communication System: UID: 0, CW; Frequency: 5250.0 MHz  
Medium: 5200-5800 Head; Medium parameters used:  
f = 5250.0 MHz; cond = 4.50 S/m; perm = 36.0; density = 1000 kg/m<sup>3</sup>  
Phantom Section: Flat; Space: 10 mm

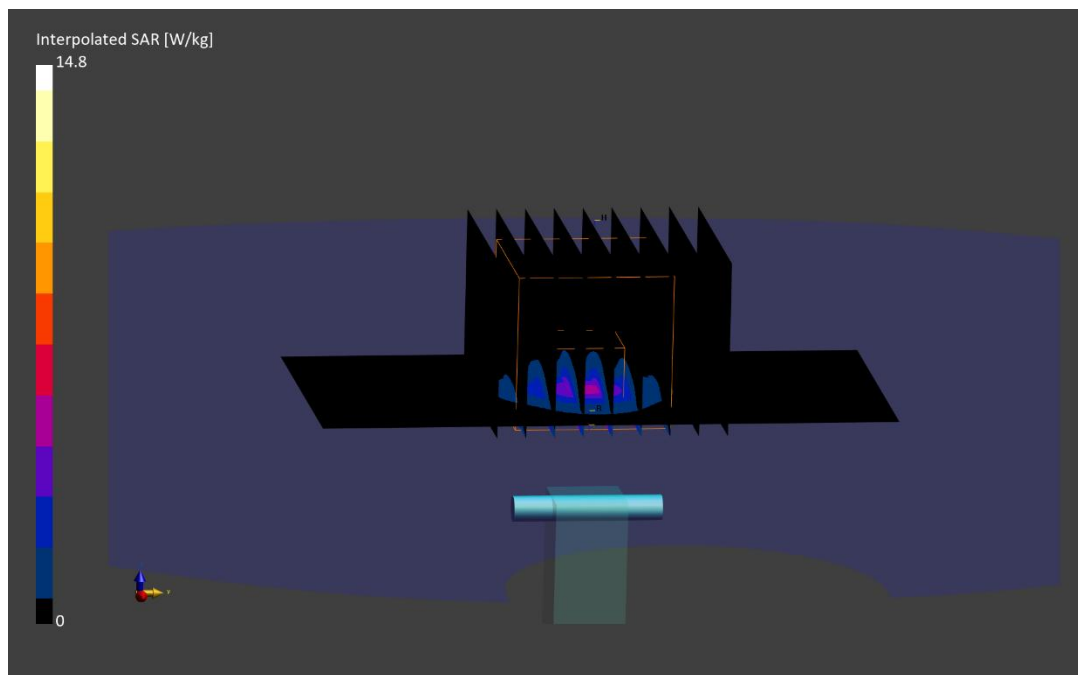
Test Date: 06/14/2026; Ambient Temp: 19.0°C; Tissue Temp: 19.0°C

Probe: EX3DV4 - SN7668; ConvF:(5.25,5.33,5.09); Calibrated: 2025-08-11  
Sensor-Surface: 1.4mm (VMS + 6p)  
Electronics: DAE4 Sn1681; Calibrated: 2025-08-08  
Phantom: Twin-SAM V8.0; Serial: 2027  
Measurement SW: DASY Module SAR V16.4.0.5005

## 5250.0 MHz System Verification at 17.0 dBm (50 mW)

**Area Scan (40.0 x 80.0):** Measurement grid: dx=10.0 mm, dy=10.0 mm

**Zoom Scan (32.0 x 32.0 x 22.9):** Measurement grid: dx=4.0 mm, dy=4.0 mm, dz=1.4 mm; Graded Ratio: 1.4  
Peak SAR (extrapolated) = 14.8 W/kg  
**SAR(1 g) = 3.73 W/kg; SAR(10 g) = 1.10 W/kg**  
Deviation (1 g) = -6.98%; Deviation (10 g) = -3.93%



# ELEMENT

**DUT: Dipole 5250.0 MHz; Type: D5GHzV2 - SN1066**

Communication System: UID: 0, CW; Frequency: 5250.0 MHz  
Medium: 5200-5800 Head; Medium parameters used:  
 $f = 5250.0$  MHz;  $\text{cond} = 4.51$  S/m;  $\text{perm} = 35.1$ ;  $\text{density} = 1000$  kg/m<sup>3</sup>  
Phantom Section: Flat; Space: 10 mm

Test Date: 06/22/2026; Ambient Temp: 22.0°C; Tissue Temp: 20.6°C

Probe: EX3DV4 - SN7490; ConvF:(5.24,5.35,5.52); Calibrated: 2025-12-23  
Sensor-Surface: 1.4mm (VMS + 6p)  
Electronics: DAE4 Sn1644; Calibrated: 2025-12-03  
Phantom: Twin-SAM V8.0; Serial: 2070  
Measurement SW: DASY Module SAR V16.4.0.5005

## 5250.0 MHz System Verification at 17.0 dBm (50 mW)

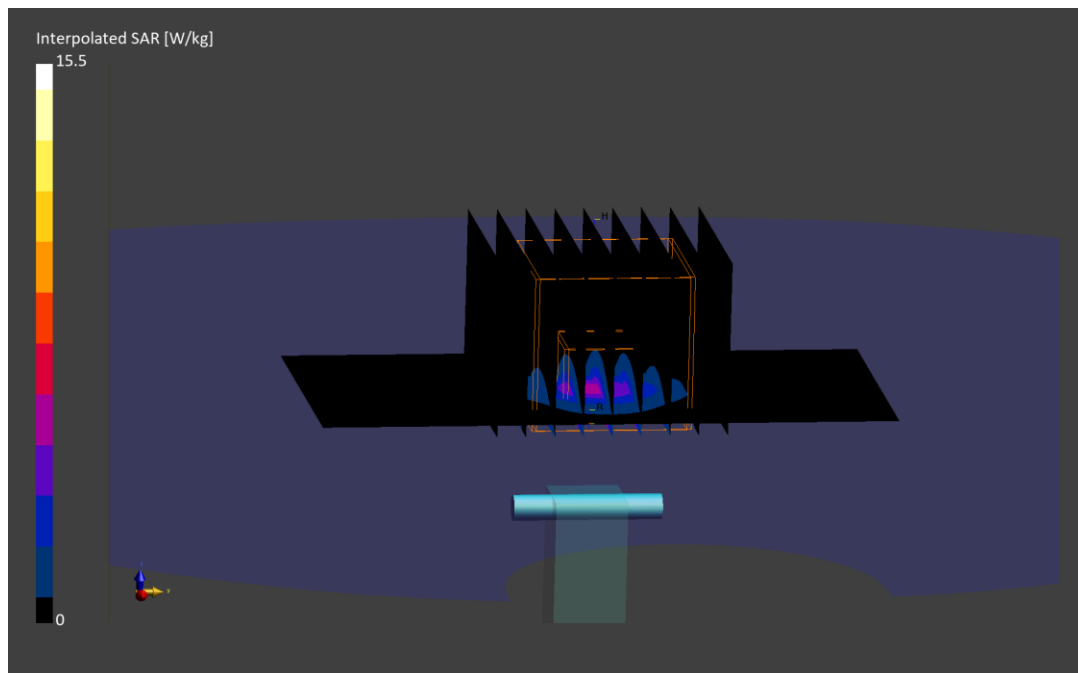
**Area Scan (40.0 x 80.0):** Measurement grid:  $dx=10.0$  mm,  $dy=10.0$  mm

**Zoom Scan (32.0 x 32.0 x 22.9):** Measurement grid:  $dx=4.0$  mm,  $dy=4.0$  mm,  $dz=1.4$  mm; Graded Ratio: 1.4

Peak SAR (extrapolated) = 15.5 W/kg

**SAR(1 g) = 3.93 W/kg; SAR(10 g) = 1.13 W/kg**

Deviation (1 g) = 0.90%; Deviation (10 g) = 0.44%



# ELEMENT

**DUT: Dipole 5600.0 MHz; Type: D5GHzV2 - SN1123**

Communication System: UID: 0, CW; Frequency: 5600.0 MHz  
Medium: 5200-5800 Head; Medium parameters used:  
f = 5600.0 MHz; cond = 4.89 S/m; perm = 35.4; density = 1000 kg/m<sup>3</sup>  
Phantom Section: Flat; Space: 10 mm

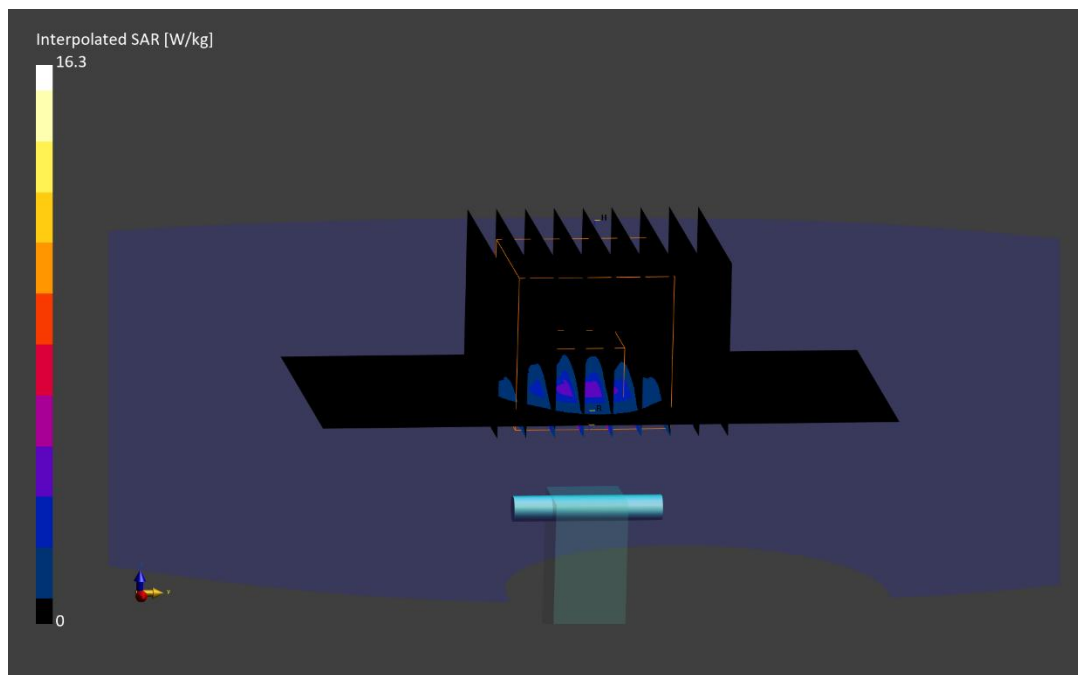
Test Date: 06/14/2026; Ambient Temp: 19.0°C; Tissue Temp: 19.0°C

Probe: EX3DV4 - SN7668; ConvF:(4.85,4.92,4.7); Calibrated: 2025-08-11  
Sensor-Surface: 1.4mm (VMS + 6p)  
Electronics: DAE4 Sn1681; Calibrated: 2025-08-08  
Phantom: Twin-SAM V8.0; Serial: 2027  
Measurement SW: DASY Module SAR V16.4.0.5005

## 5600.0 MHz System Verification at 17.0 dBm (50 mW)

**Area Scan (40.0 x 80.0):** Measurement grid: dx=10.0 mm, dy=10.0 mm

**Zoom Scan (32.0 x 32.0 x 22.9):** Measurement grid: dx=4.0 mm, dy=4.0 mm, dz=1.4 mm; Graded Ratio: 1.4  
Peak SAR (extrapolated) = 16.3 W/kg  
**SAR(1 g) = 3.86 W/kg; SAR(10 g) = 1.13 W/kg**  
Deviation (1 g) = -5.97%; Deviation (10 g) = -3.83%



# ELEMENT

**DUT: Dipole 5600.0 MHz; Type: D5GHzV2 - SN1066**

Communication System: UID: 0, CW; Frequency: 5600.0 MHz  
Medium: 5200-5800 Head; Medium parameters used:  
 $f = 5600.0$  MHz;  $\text{cond} = 4.91$  S/m;  $\text{perm} = 34.4$ ;  $\text{density} = 1000$  kg/m<sup>3</sup>  
Phantom Section: Flat; Space: 10 mm

Test Date: 06/22/2026; Ambient Temp: 22.0°C; Tissue Temp: 20.6°C

Probe: EX3DV4 - SN7490; ConvF:(4.77,4.87,5.03); Calibrated: 2025-12-23  
Sensor-Surface: 1.4mm (VMS + 6p)  
Electronics: DAE4 Sn1644; Calibrated: 2025-12-03  
Phantom: Twin-SAM V8.0; Serial: 2070  
Measurement SW: DASY Module SAR V16.4.0.5005

## 5600.0 MHz System Verification at 17.0 dBm (50 mW)

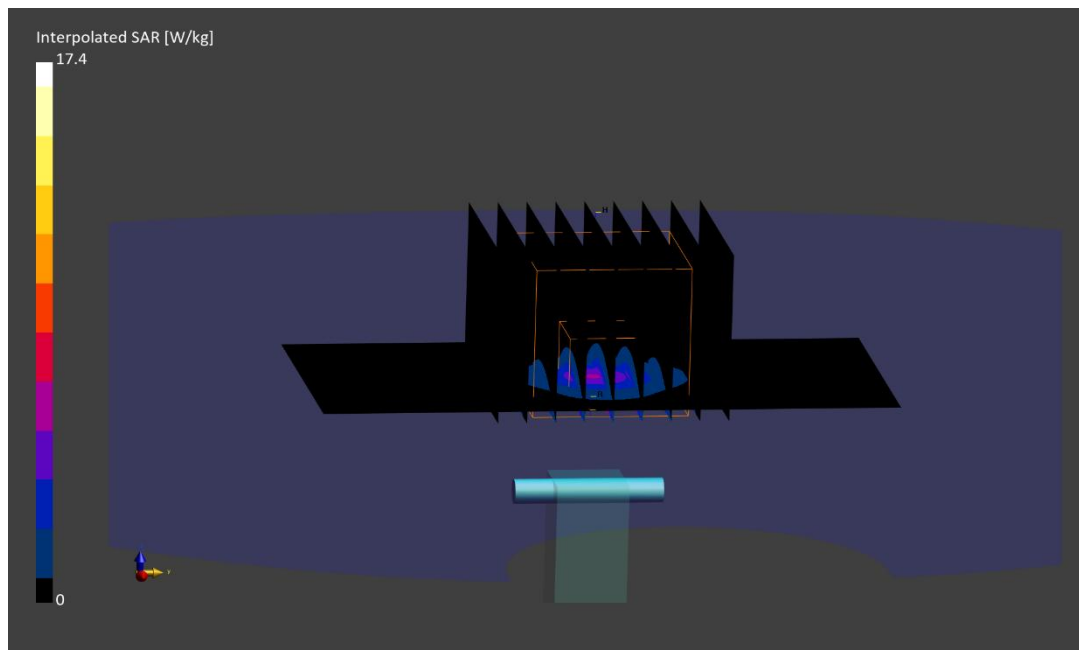
**Area Scan (40.0 x 80.0):** Measurement grid:  $dx=10.0$  mm,  $dy=10.0$  mm

**Zoom Scan (32.0 x 32.0 x 22.9):** Measurement grid:  $dx=4.0$  mm,  $dy=4.0$  mm,  $dz=1.4$  mm; Graded Ratio: 1.4

Peak SAR (extrapolated) = 17.4 W/kg

**SAR(1 g) = 4.07 W/kg; SAR(10 g) = 1.16 W/kg**

Deviation (1 g) = -0.49%; Deviation (10 g) = -2.11%



# ELEMENT

**DUT: Dipole 5750.0 MHz; Type: D5GHzV2 - SN1123**

Communication System: UID: 0, CW; Frequency: 5750.0 MHz  
Medium: 5200-5800 Head; Medium parameters used:  
f = 5750.0 MHz; cond = 5.05 S/m; perm = 35.1; density = 1000 kg/m<sup>3</sup>  
Phantom Section: Flat; Space: 10 mm

Test Date: 06/14/2026; Ambient Temp: 19.0°C; Tissue Temp: 19.0°C

Probe: EX3DV4 - SN7668; ConvF:(4.84,4.91,4.69); Calibrated: 2025-08-11  
Sensor-Surface: 1.4mm (VMS + 6p)  
Electronics: DAE4 Sn1681; Calibrated: 2025-08-08  
Phantom: Twin-SAM V8.0; Serial: 2027  
Measurement SW: DASY Module SAR V16.4.0.5005

## 5750.0 MHz System Verification at 17.0 dBm (50 mW)

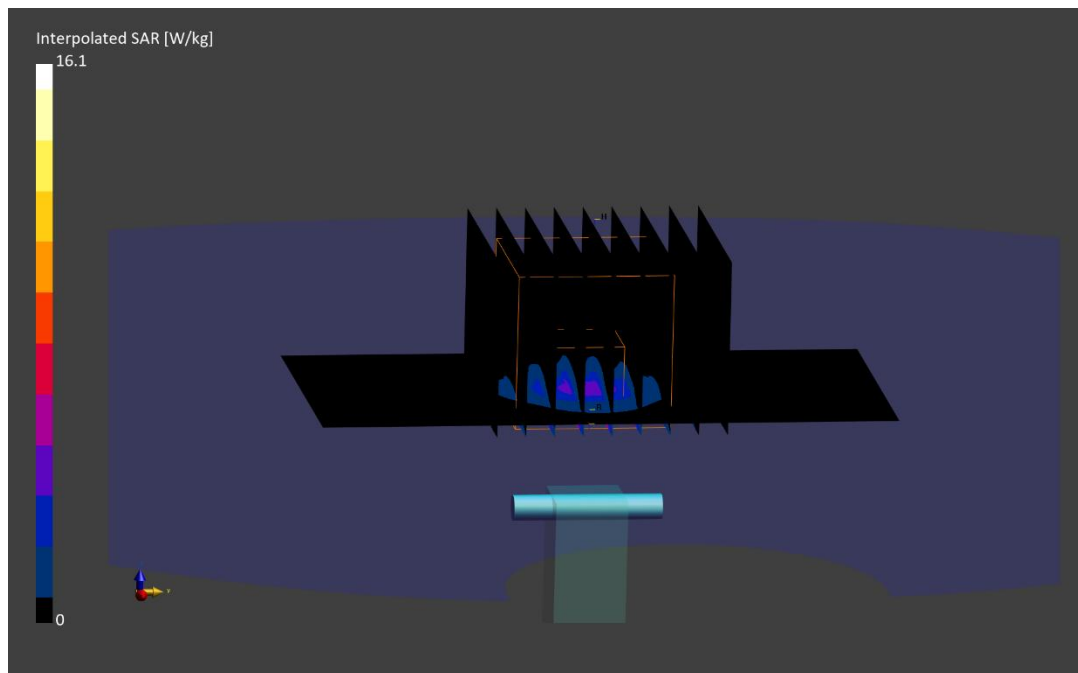
**Area Scan (40.0 x 80.0):** Measurement grid: dx=10.0 mm, dy=10.0 mm

**Zoom Scan (32.0 x 32.0 x 22.9):** Measurement grid: dx=4.0 mm, dy=4.0 mm, dz=1.4 mm; Graded Ratio: 1.4

Peak SAR (extrapolated) = 16.1 W/kg

**SAR(1 g) = 3.69 W/kg; SAR(10 g) = 1.09 W/kg**

Deviation (1 g) = -5.99%; Deviation (10 g) = -2.24%



# ELEMENT

**DUT: Dipole 5750.0 MHz; Type: D5GHzV2 - SN1066**

Communication System: UID: 0, CW; Frequency: 5750.0 MHz  
Medium: 5200-5800 Head; Medium parameters used:  
 $f = 5750.0$  MHz;  $\text{cond} = 5.07$  S/m;  $\text{perm} = 34.1$ ;  $\text{density} = 1000$  kg/m<sup>3</sup>  
Phantom Section: Flat; Space: 10 mm

Test Date: 06/22/2026; Ambient Temp: 22.0°C; Tissue Temp: 20.6°C

Probe: EX3DV4 - SN7490; ConvF:(4.92,5.02,5.19); Calibrated: 2025-12-23  
Sensor-Surface: 1.4mm (VMS + 6p)  
Electronics: DAE4 Sn1644; Calibrated: 2025-12-03  
Phantom: Twin-SAM V8.0; Serial: 2070  
Measurement SW: DASY Module SAR V16.4.0.5005

## 5750.0 MHz System Verification at 17.0 dBm (50 mW)

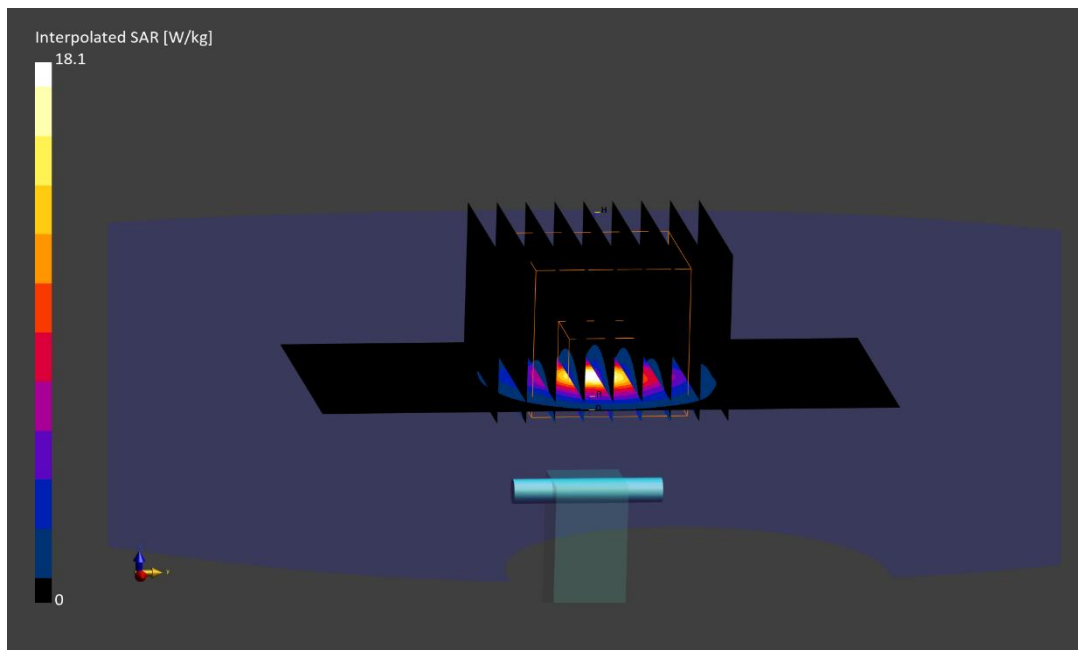
**Area Scan (40.0 x 80.0):** Measurement grid:  $dx=10.0$  mm,  $dy=10.0$  mm

**Zoom Scan (32.0 x 32.0 x 22.9):** Measurement grid:  $dx=4.0$  mm,  $dy=4.0$  mm,  $dz=1.4$  mm; Graded Ratio: 1.4

Peak SAR (extrapolated) = 18.1 W/kg

**SAR(1 g) = 4.13 W/kg; SAR(10 g) = 1.18 W/kg**

Deviation (1 g) = 2.35%; Deviation (10 g) = 1.72%



# ELEMENT

**DUT: Dipole 5850.0 MHz; Type: D5GHzV2 - SN1123**

Communication System: UID: 0, CW; Frequency: 5850.0 MHz  
Medium: 5200-5800 Head; Medium parameters used:  
 $f = 5850.0$  MHz;  $\text{cond} = 5.17$  S/m;  $\text{perm} = 34.9$ ;  $\text{density} = 1000$  kg/m<sup>3</sup>  
Phantom Section: Flat; Space: 10 mm

Test Date: 06/14/2026; Ambient Temp: 19.0°C; Tissue Temp: 19.0°C

Probe: EX3DV4 - SN7668; ConvF:(4.67,4.74,4.52); Calibrated: 2025-08-11  
Sensor-Surface: 1.4mm (VMS + 6p)  
Electronics: DAE4 Sn1681; Calibrated: 2025-08-08  
Phantom: Twin-SAM V8.0; Serial: 2027  
Measurement SW: DASY Module SAR V16.4.0.5005

## 5850.0 MHz System Verification at 17.0 dBm (50 mW)

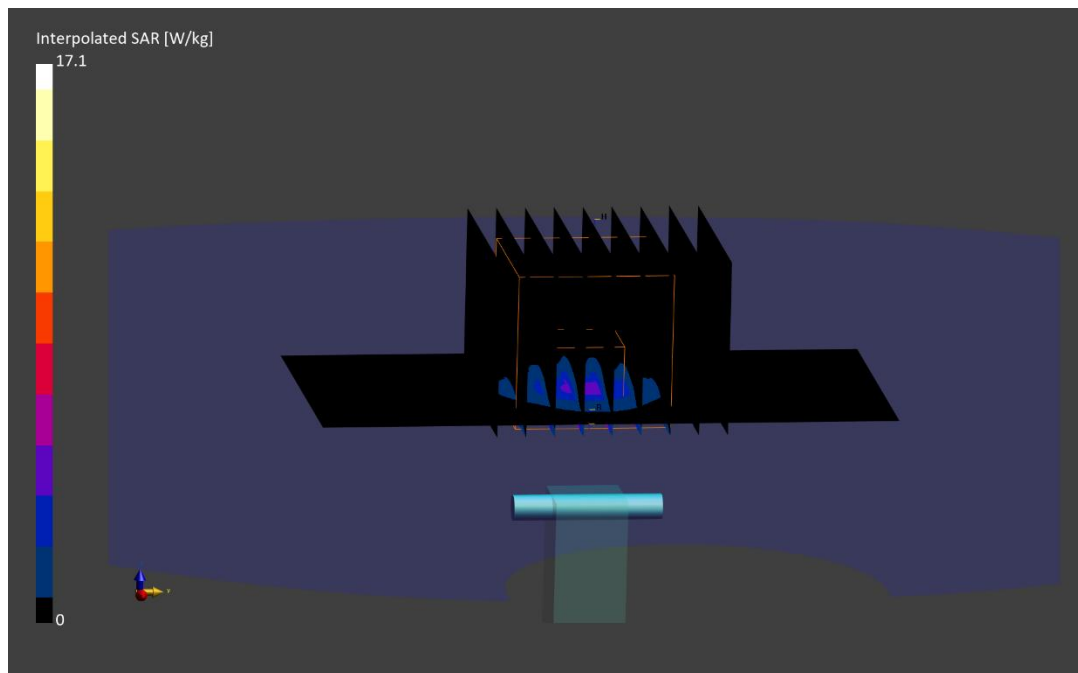
**Area Scan (40.0 x 80.0):** Measurement grid:  $dx=10.0$  mm,  $dy=10.0$  mm

**Zoom Scan (32.0 x 32.0 x 22.9):** Measurement grid:  $dx=4.0$  mm,  $dy=4.0$  mm,  $dz=1.4$  mm; Graded Ratio: 1.4

Peak SAR (extrapolated) = 17.1 W/kg

**SAR(1 g) = 3.82 W/kg; SAR(10 g) = 1.11 W/kg**

Deviation (1 g) = -7.17%; Deviation (10 g) = -5.13%



# ELEMENT

**DUT: Dipole 5850.0 MHz; Type: D5GHzV2 - SN1066**

Communication System: UID: 0, CW; Frequency: 5850.0 MHz

Medium: 5200-5800 Head; Medium parameters used:

$f = 5850.0$  MHz;  $\text{cond} = 5.19$  S/m;  $\text{perm} = 33.9$ ;  $\text{density} = 1000$  kg/m<sup>3</sup>

Phantom Section: Flat; Space: 10 mm

Test Date: 06/22/2026; Ambient Temp: 22.0°C; Tissue Temp: 20.6°C

Probe: EX3DV4 - SN7490; ConvF:(4.69,4.79,4.95); Calibrated: 2025-12-23

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1644; Calibrated: 2025-12-03

Phantom: Twin-SAM V8.0; Serial: 2070

Measurement SW: DASY Module SAR V16.4.0.5005

## 5850.0 MHz System Verification at 17.0 dBm (50 mW)

**Area Scan (40.0 x 80.0):** Measurement grid:  $dx=10.0$  mm,  $dy=10.0$  mm

**Zoom Scan (32.0 x 32.0 x 22.9):** Measurement grid:  $dx=4.0$  mm,  $dy=4.0$  mm,  $dz=1.4$  mm; Graded Ratio: 1.4

Peak SAR (extrapolated) = 18.5 W/kg

**SAR(1 g) = 4.13 W/kg; SAR(10 g) = 1.17 W/kg**

Deviation (1 g) = 6.72%; Deviation (10 g) = 5.41%

