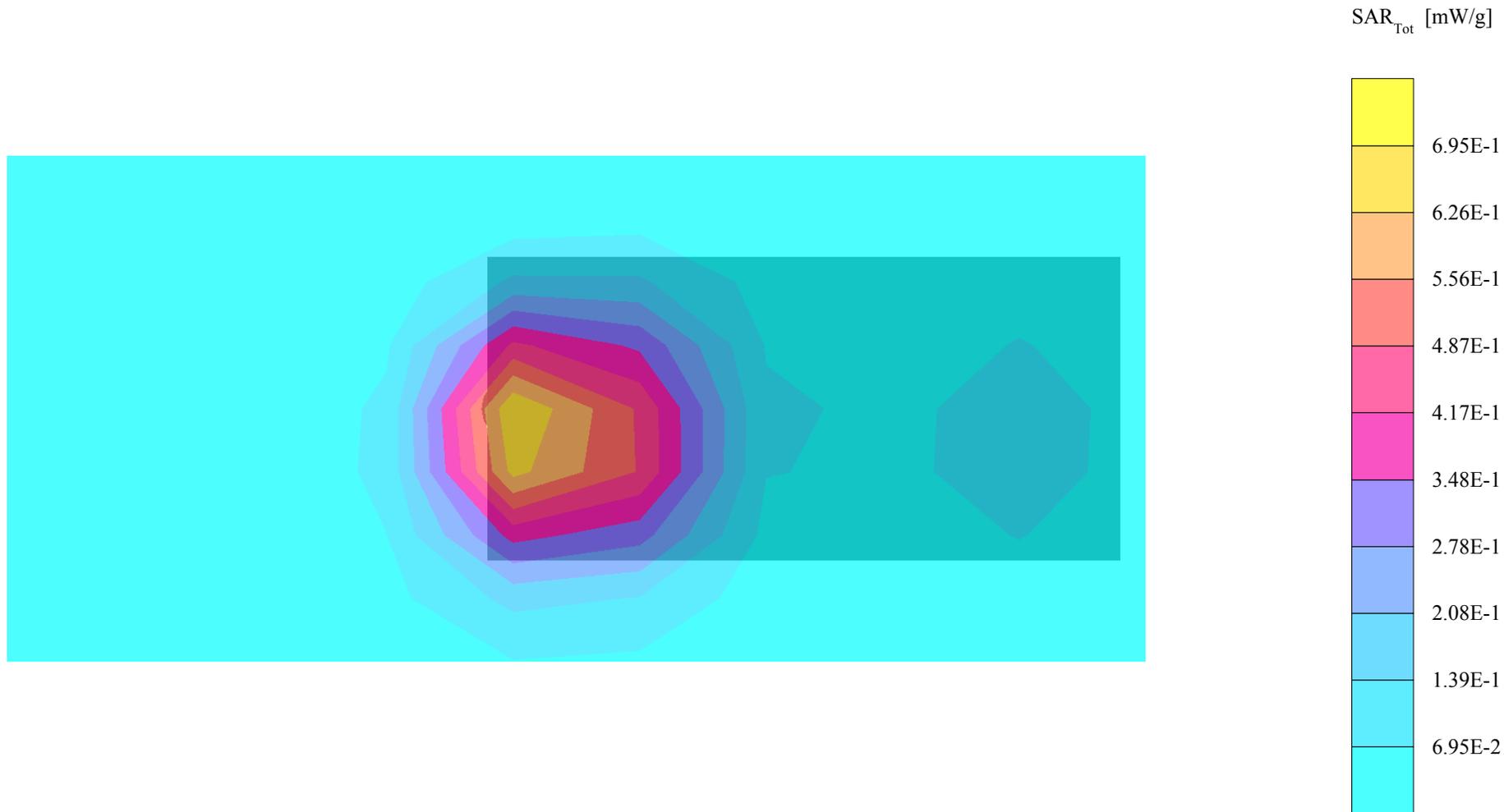# PY7A1021043

SAM 4 Phantom; Flat Section; Position: (270°,90°); Frequency: 1850 MHz

Probe: ET3DV6 - SN1585; ConvF(4.56,4.56,4.56); Crest factor: 8.0; Muscle 1900: $\sigma = 1.52$ mho/m $\varepsilon_r = 50.0$ $\rho = 1.00$ g/cm^3

Cube 5x5x7: SAR (1g): 0.858 mW/g, SAR (10g): 0.453 mW/g, (Worst-case extrapolation)

Coarse: Dx = 10.0, Dy = 20.0, Dz = 10.0

Powerdrift: -0.02 dB

SAR$_{Tot}$ [mW/g]

6.95E-1

6.26E-1

5.56E-1

4.87E-1

4.17E-1

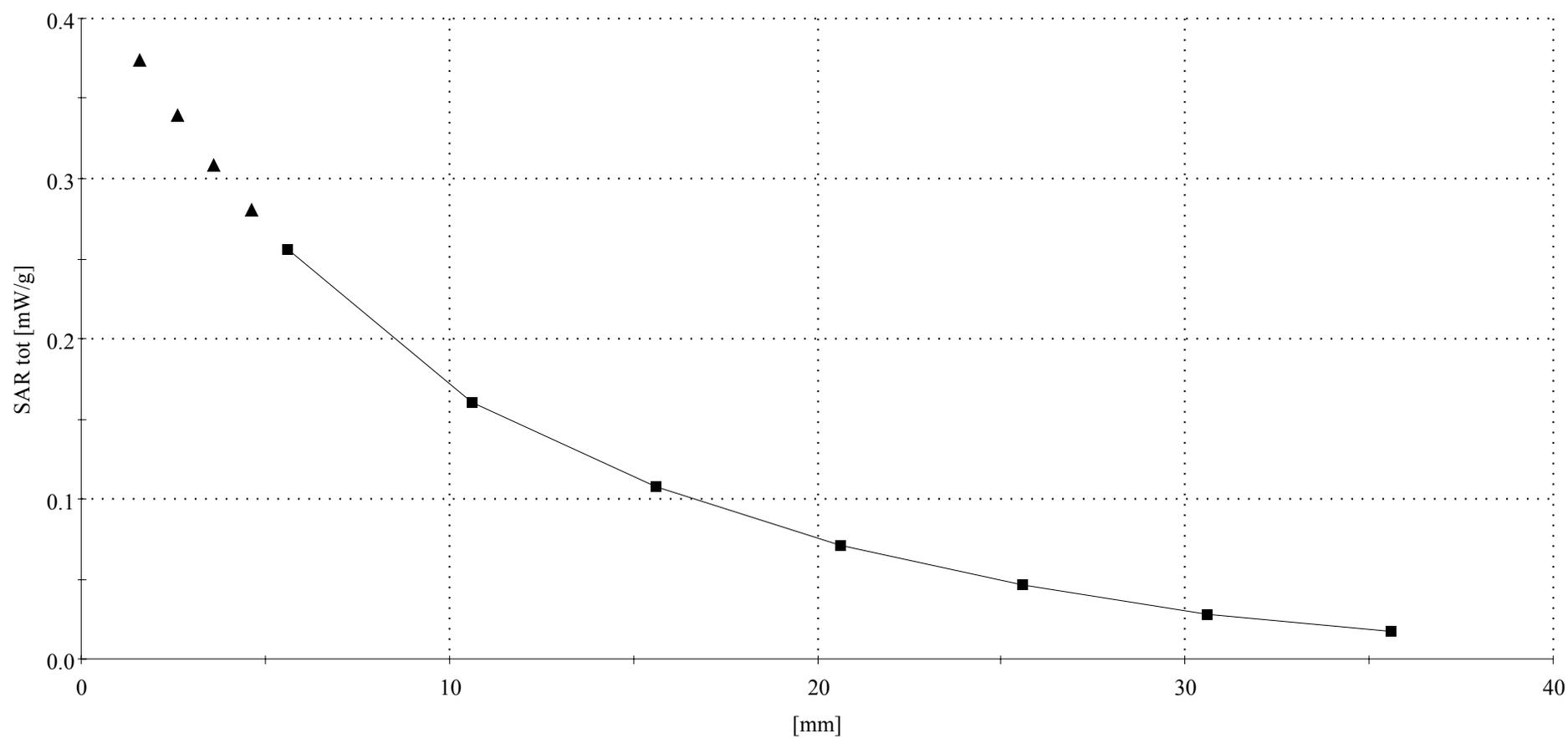3.48E-1

2.78E-1

2.08E-1

1.39E-1

6.95E-2

PY7A1021043

SAM 1 Phantom; Righ Hand Section; Position: (90°,301°); Frequency: 1910 MHz
Probe: ET3DV6 - SN1569; ConvF(5.28,5.28,5.28); Crest factor: 8.0; Head 1900MHz: σ = 1.43 mho/m ε_r = 38.8 ρ = 1.00 g/cm^3
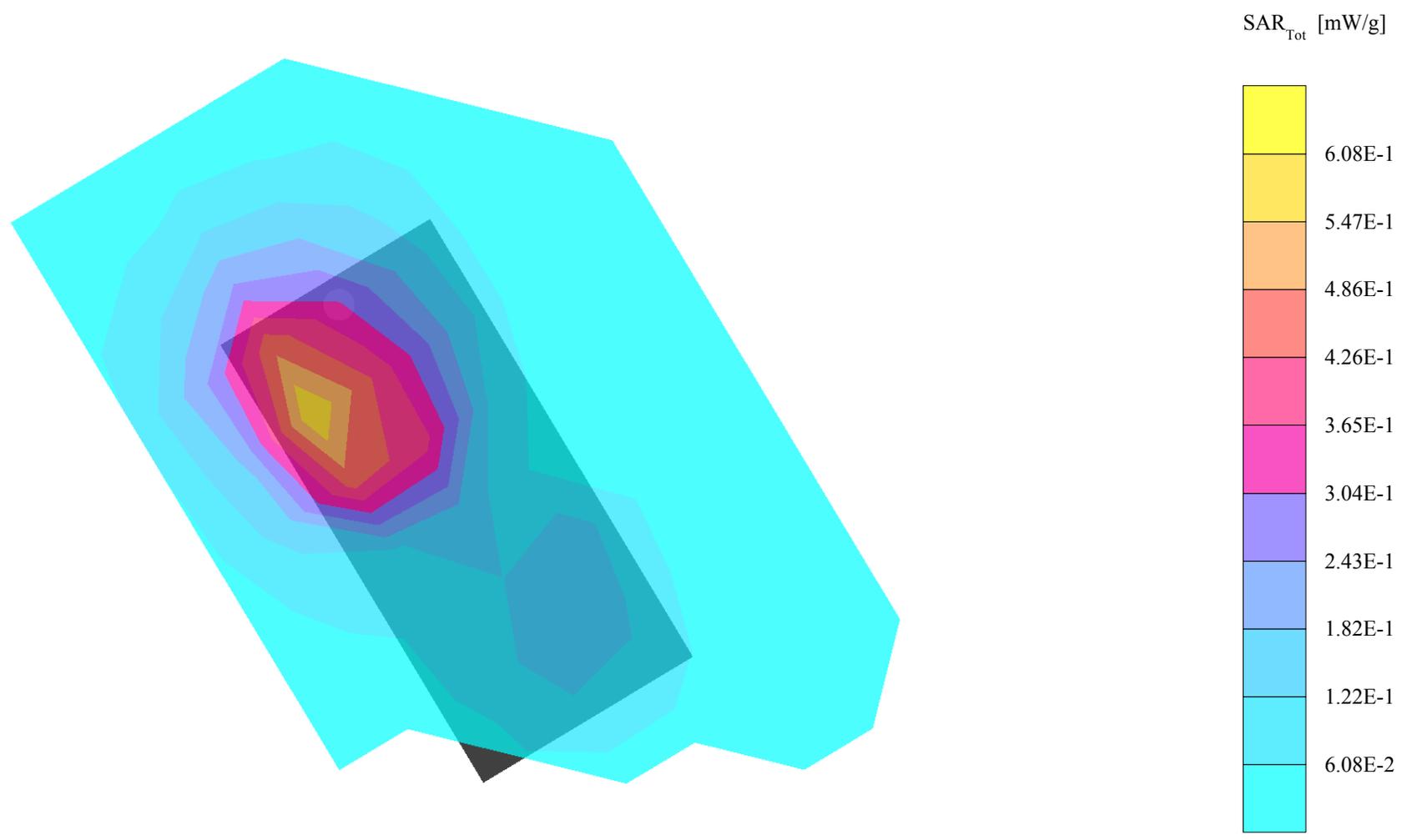Cube 5x5x7: SAR (1g): 0.558 mW/g, SAR (10g): 0.302 mW/g, (Worst-case extrapolation)
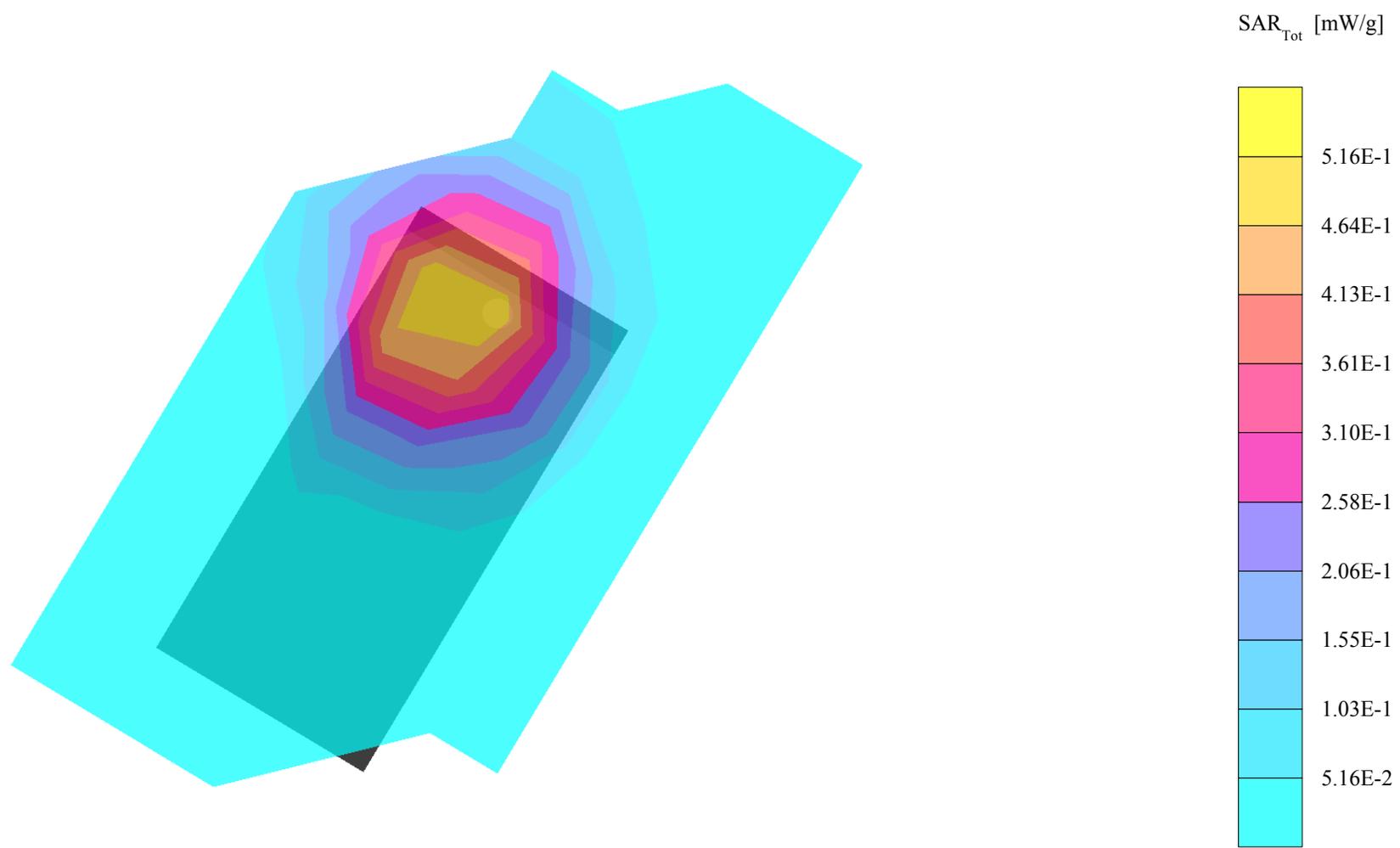Cube 5x5x7: Dx = 8.0, Dy = 8.0, Dz = 5.0

PY7A1021043

SAM 1 Phantom; Righ Hand Section; Position: (90°,301°); Frequency: 1910 MHz
Probe: ET3DV6 - SN1569; ConvF(5.28,5.28,5.28); Crest factor: 8.0; Head 1900MHz: σ = 1.43 mho/m ε_r = 38.8 ρ = 1.00 g/cm³
Cube 5x5x7: SAR (1g): 0.558 mW/g, SAR (10g): 0.302 mW/g, (Worst-case extrapolation)
Coarse: Dx = 15.0, Dy = 15.0, Dz = 15.0
Powerdrift: -0.07 dB

SAR$_{Tot}$ [mW/g]

6.08E-1
5.47E-1
4.86E-1
4.26E-1
3.65E-1
3.04E-1
2.43E-1
1.82E-1
1.22E-1
6.08E-2

PY7A1021043

SAM 1 Phantom; Left Hand Section; Position: (105°,59°); Frequency: 1910 MHz
Probe: ET3DV6 - SN1569; ConvF(5.28,5.28,5.28); Crest factor: 8.0; Head 1900MHz: $\sigma = 1.43$ mho/m $\varepsilon_r = 38.8$ $\rho = 1.00$ g/cm³
Cube 5x5x7: SAR (1g): 0.536 mW/g, SAR (10g): 0.304 mW/g, (Worst-case extrapolation)
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0
Powerdrift: -0.08 dB

SAR$_{Tot}$ [mW/g]

5.16E-1
4.64E-1
4.13E-1
3.61E-1
3.10E-1
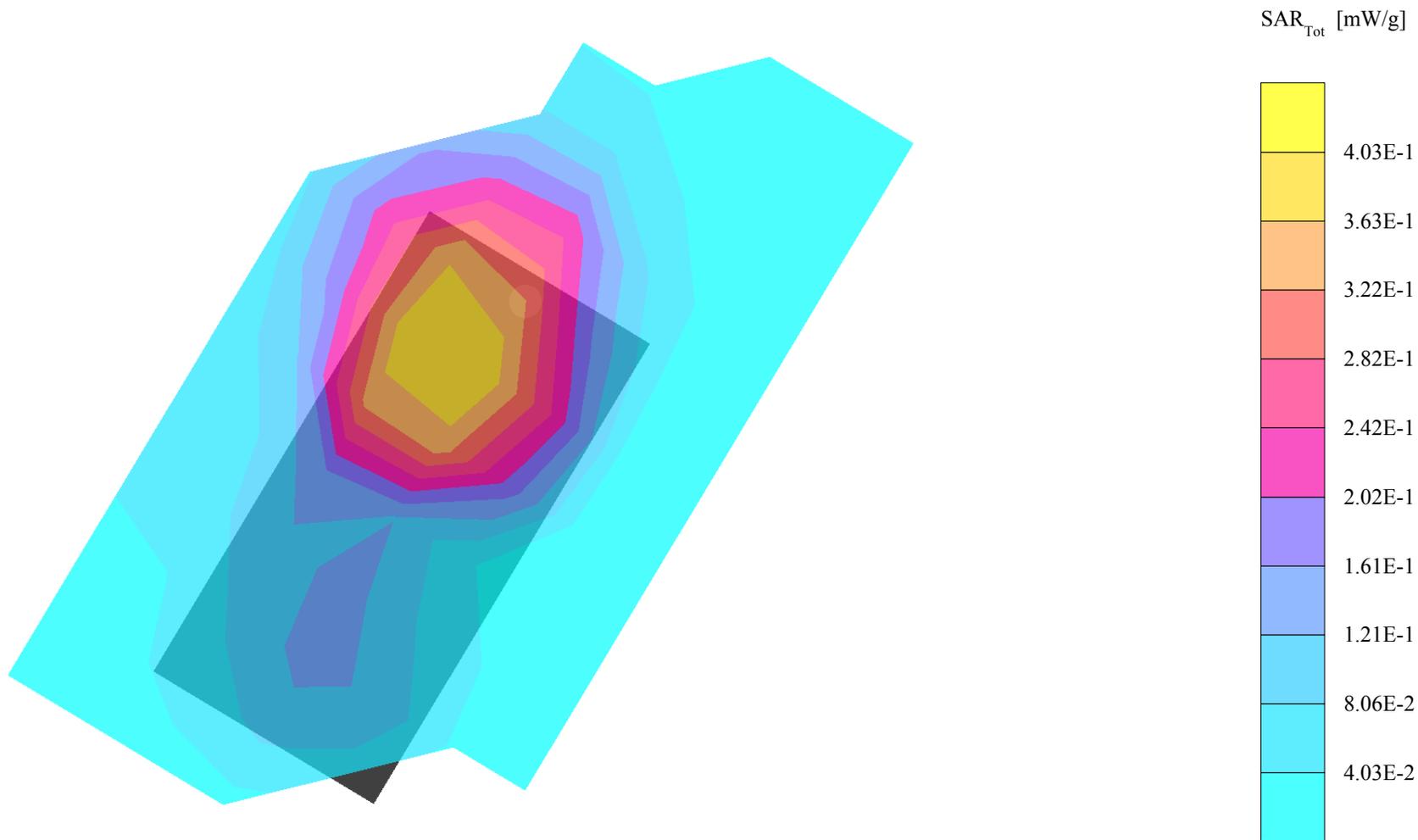2.58E-1
2.06E-1
1.55E-1
1.03E-1
5.16E-2

PY7A1021043

SAM 1 Phantom; Left Hand Section; Position: (90°,59°); Frequency: 1910 MHz

Probe: ET3DV6 - SN1569; ConvF(5.28,5.28,5.28); Crest factor: 8.0; Head 1900MHz: σ = 1.43 mho/m ε_r = 38.8 ρ = 1.00 g/cm³

Cube 5x5x7: SAR (1g): 0.402 mW/g, SAR (10g): 0.242 mW/g, (Worst-case extrapolation)
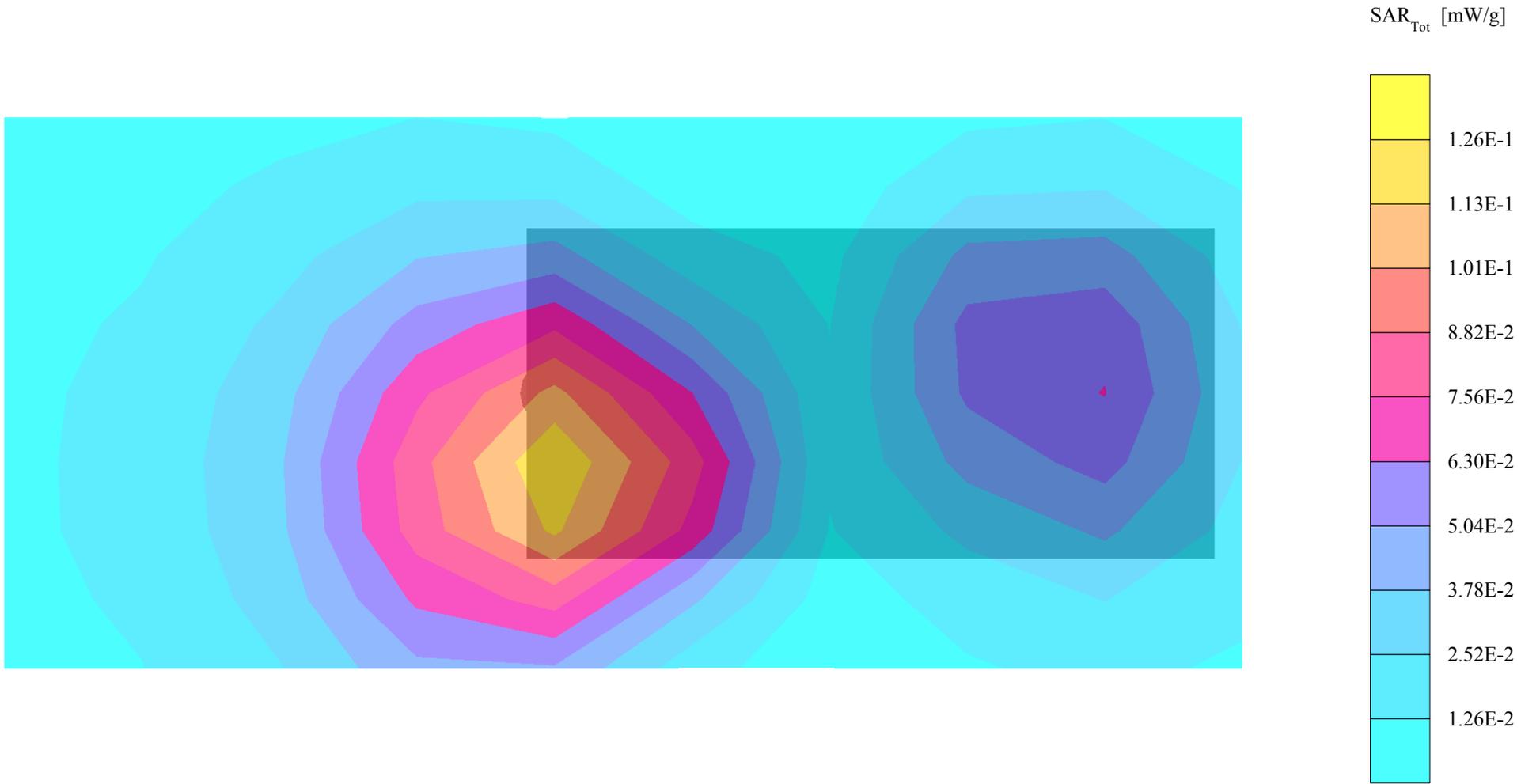
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0

Powerdrift: -0.05 dB

SAR$_{Tot}$ [mW/g]

4.03E-1

3.63E-1

3.22E-1

2.82E-1

2.42E-1

2.02E-1

1.61E-1

1.21E-1

8.06E-2

4.03E-2

PY7A1021043

SAM 4 Phantom; Flat Section; Position: (270°,90°); Frequency: 1910 MHz
Probe: ET3DV6 - SN1585; ConvF(4.56,4.56,4.56); Crest factor: 8.0; Muscle 1900: σ = 1.52 mho/m ε_r = 50.0 ρ = 1.00 g/cm^3
Cube 5x5x7: SAR (1g): 0.112 mW/g, SAR (10g): 0.0695 mW/g, (Worst-case extrapolation)
Coarse: Dx = 10.0, Dy = 20.0, Dz = 10.0
Powerdrift: -0.10 dB

SAR$_{Tot}$ [mW/g]

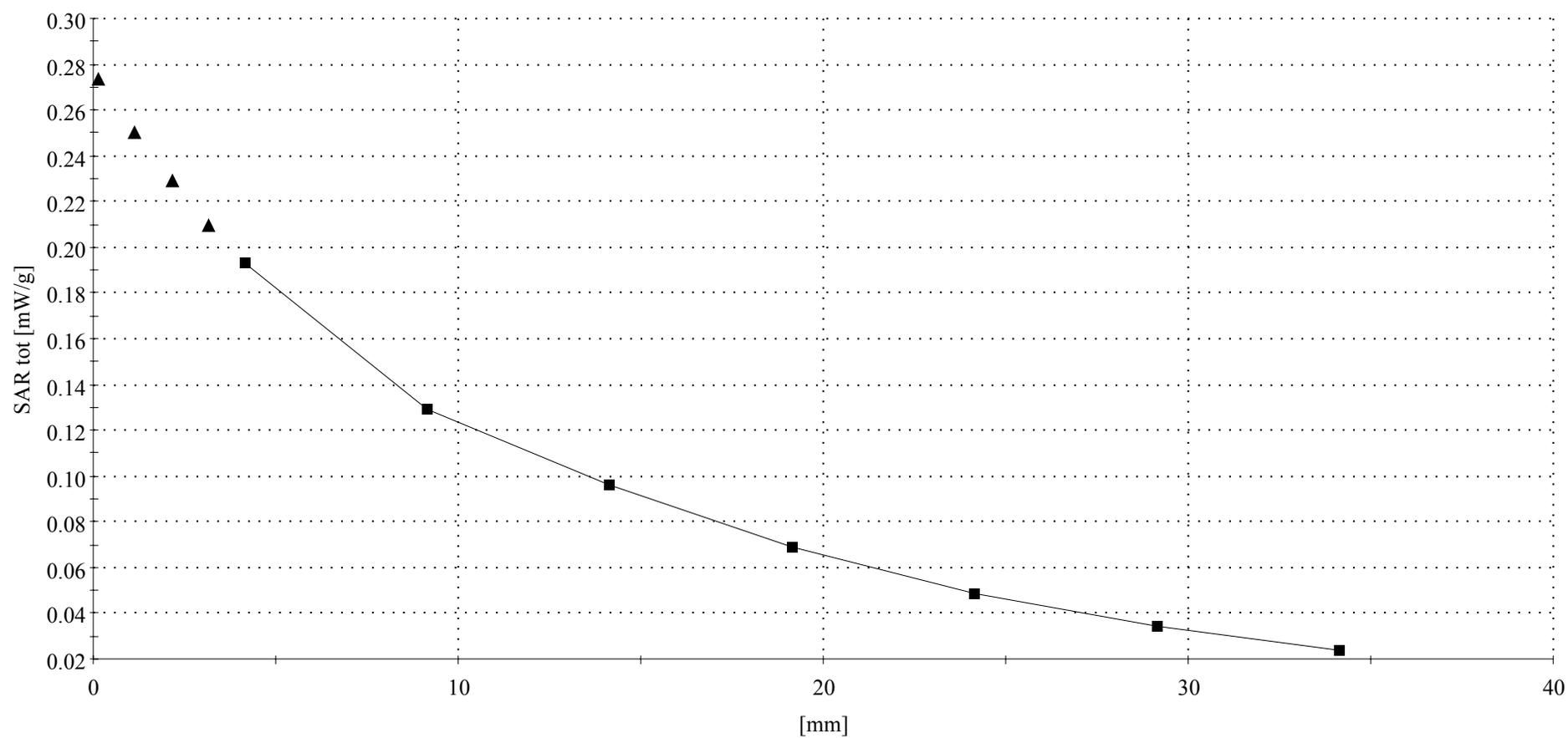| |
|---|
| 1.26E-1 |
| 1.13E-1 |
| 1.01E-1 |
| 8.82E-2 |
| 7.56E-2 |
| 6.30E-2 |
| 5.04E-2 |
| 3.78E-2 |
| 2.52E-2 |
| 1.26E-2 |

PY7A1021043

SAM 4 Phantom; Flat Section; Position: (270°,90°); Frequency: 1910 MHz

Probe: ET3DV6 - SN1585; ConvF(4.56,4.56,4.56); Crest factor: 8.0; Muscle 1900: σ = 1.52 mho/m ε_r = 50.0 ρ = 1.00 g/cm³

Cube 5x5x7: SAR (1g): 1.33   mW/g, SAR (10g): 0.695 mW/g, (Worst-case extrapolation)

Cube 5x5x7: Dx = 8.0, Dy = 8.0, Dz = 5.0

PY7A1021043

SAM 4 Phantom; Flat Section; Position: (270°,90°); Frequency: 1880 MHz
Probe: ET3DV6 - SN1585; ConvF(4.56,4.56,4.56); Crest factor: 4.0; Muscle 1900: σ = 1.52 mho/m ε_r = 50.0 ρ = 1.00 g/cm^3
Cube 5x5x7: SAR (1g): 1.49   mW/g, SAR (10g): 0.800 mW/g, (Worst-case extrapolation)
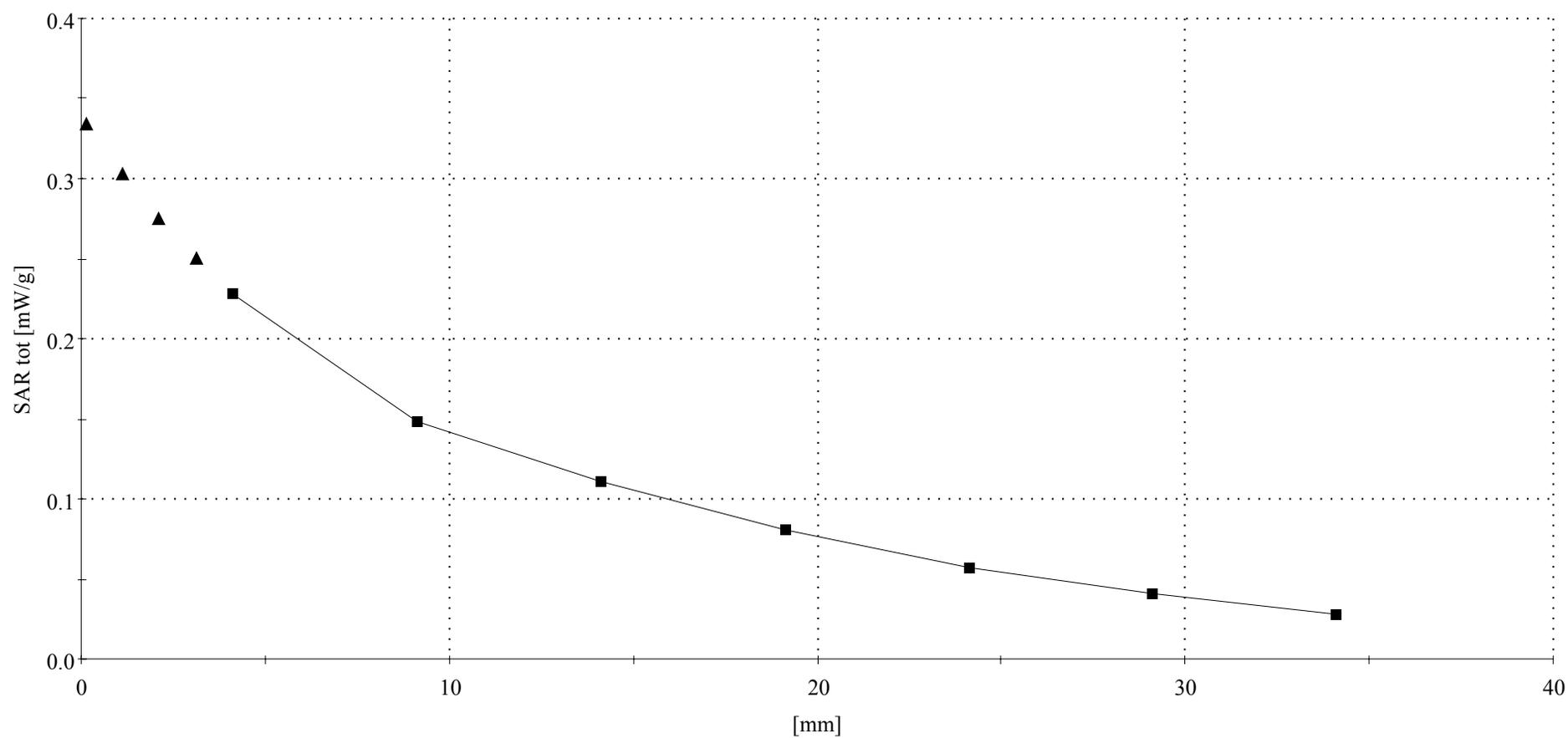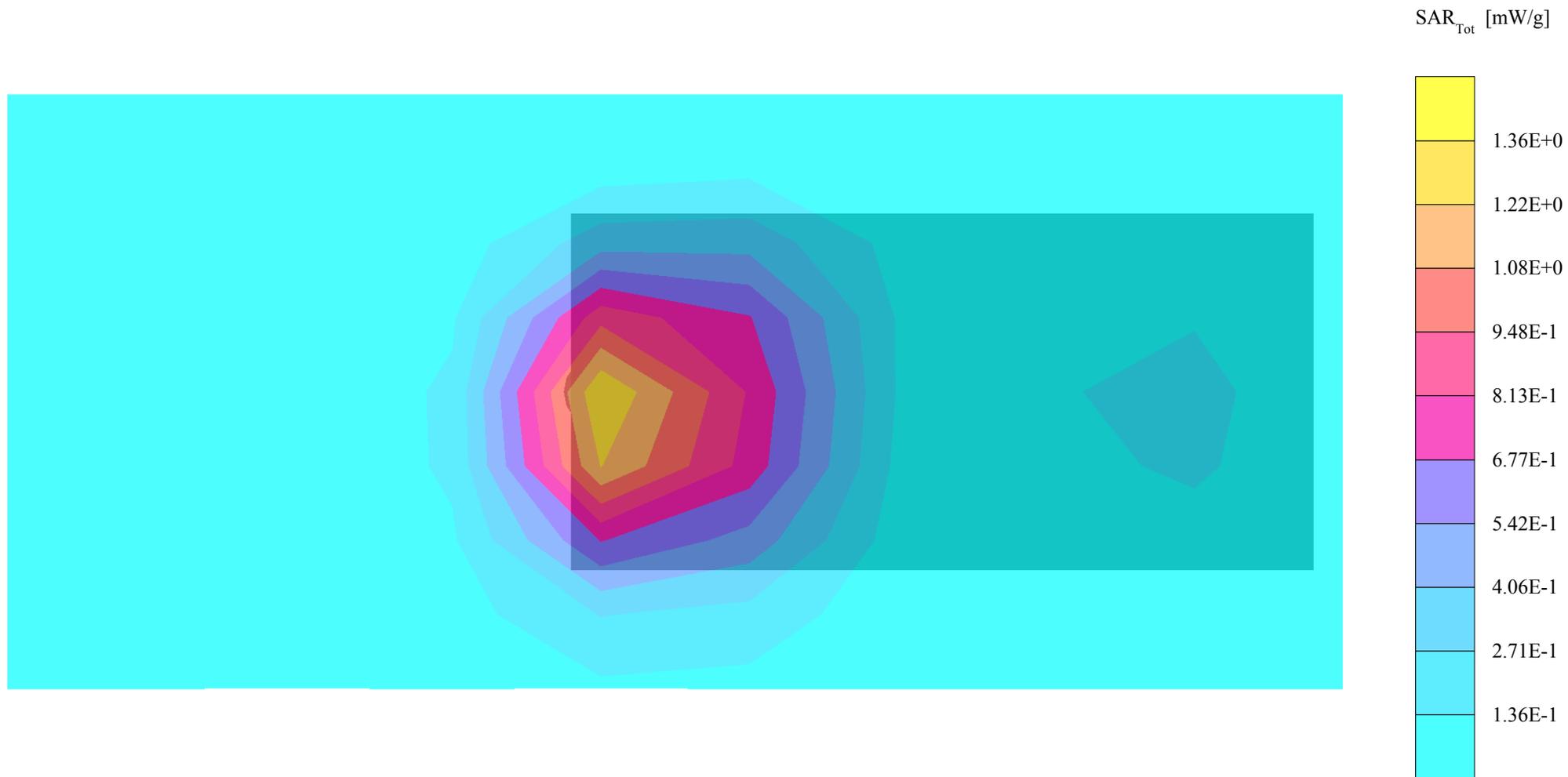Cube 5x5x7: Dx = 8.0, Dy = 8.0, Dz = 5.0

PY7A1021043

SAM 4 Phantom; Flat Section; Position: (270°,90°); Frequency: 1880 MHz

Probe: ET3DV6 - SN1585; ConvF(4.56,4.56,4.56); Crest factor: 4.0; Muscle 1900: $\sigma = 1.52$ mho/m $\varepsilon_r = 50.0$ $\rho = 1.00$ g/cm^3

Cube 5x5x7: SAR (1g): 1.49   mW/g, SAR (10g): 0.800 mW/g, (Worst-case extrapolation)

Coarse: Dx = 10.0, Dy = 20.0, Dz = 10.0

Powerdrift: -0.06 dB

SAR$_{Tot}$ [mW/g]

1.36E+0

1.22E+0

1.08E+0

9.48E-1

8.13E-1

6.77E-1
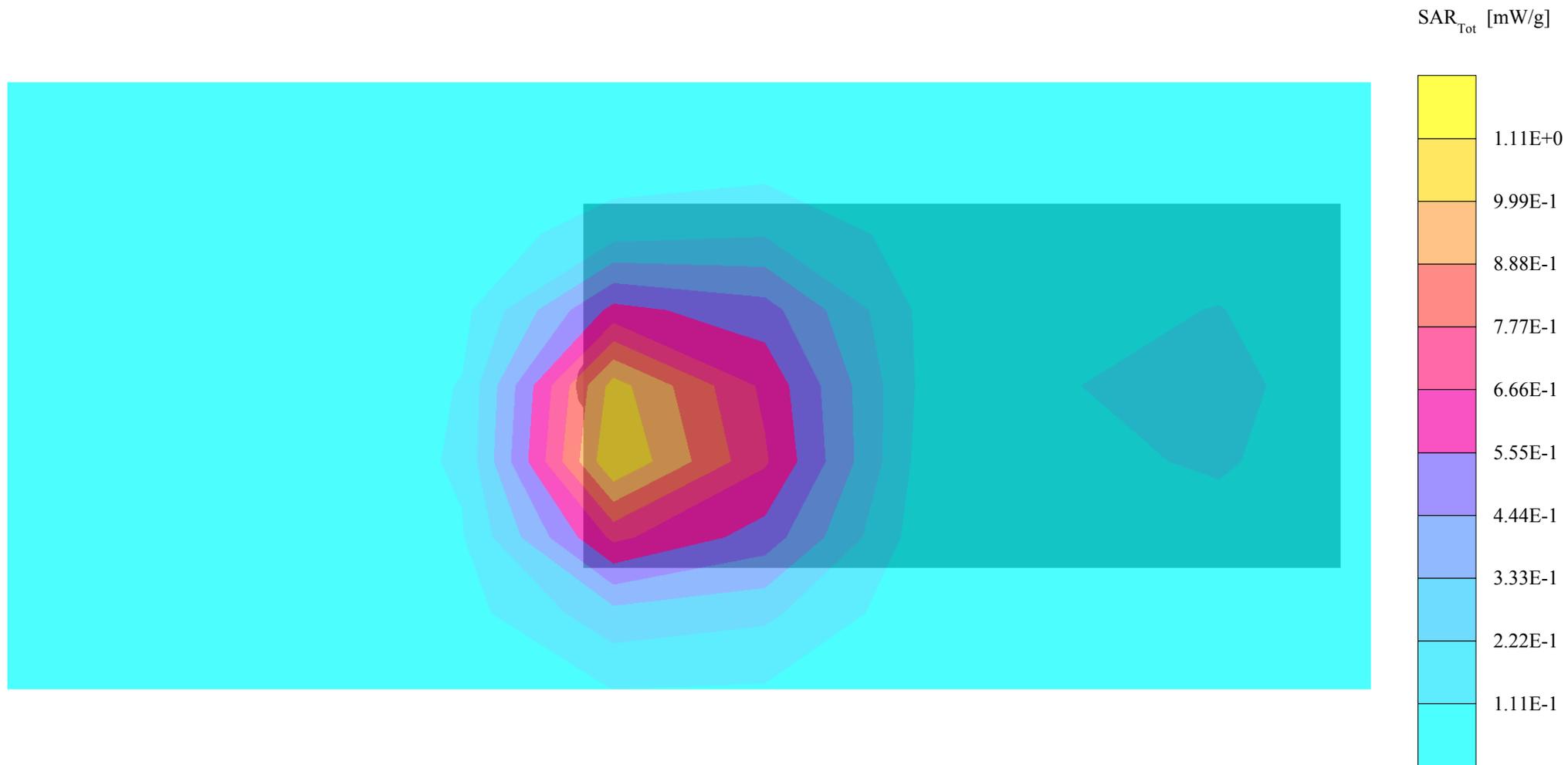
5.42E-1

4.06E-1

2.71E-1

1.36E-1

PY7A1021043

SAM 4 Phantom; Flat Section; Position: (270°,90°); Frequency: 1910 MHz

Probe: ET3DV6 - SN1585; ConvF(4.56,4.56,4.56); Crest factor: 8.0; Muscle 1900: $\sigma = 1.52$ mho/m $\varepsilon_r = 50.0$ $\rho = 1.00$ g/cm^3

Cube 5x5x7: SAR (1g): 1.33   mW/g, SAR (10g): 0.695 mW/g, (Worst-case extrapolation)
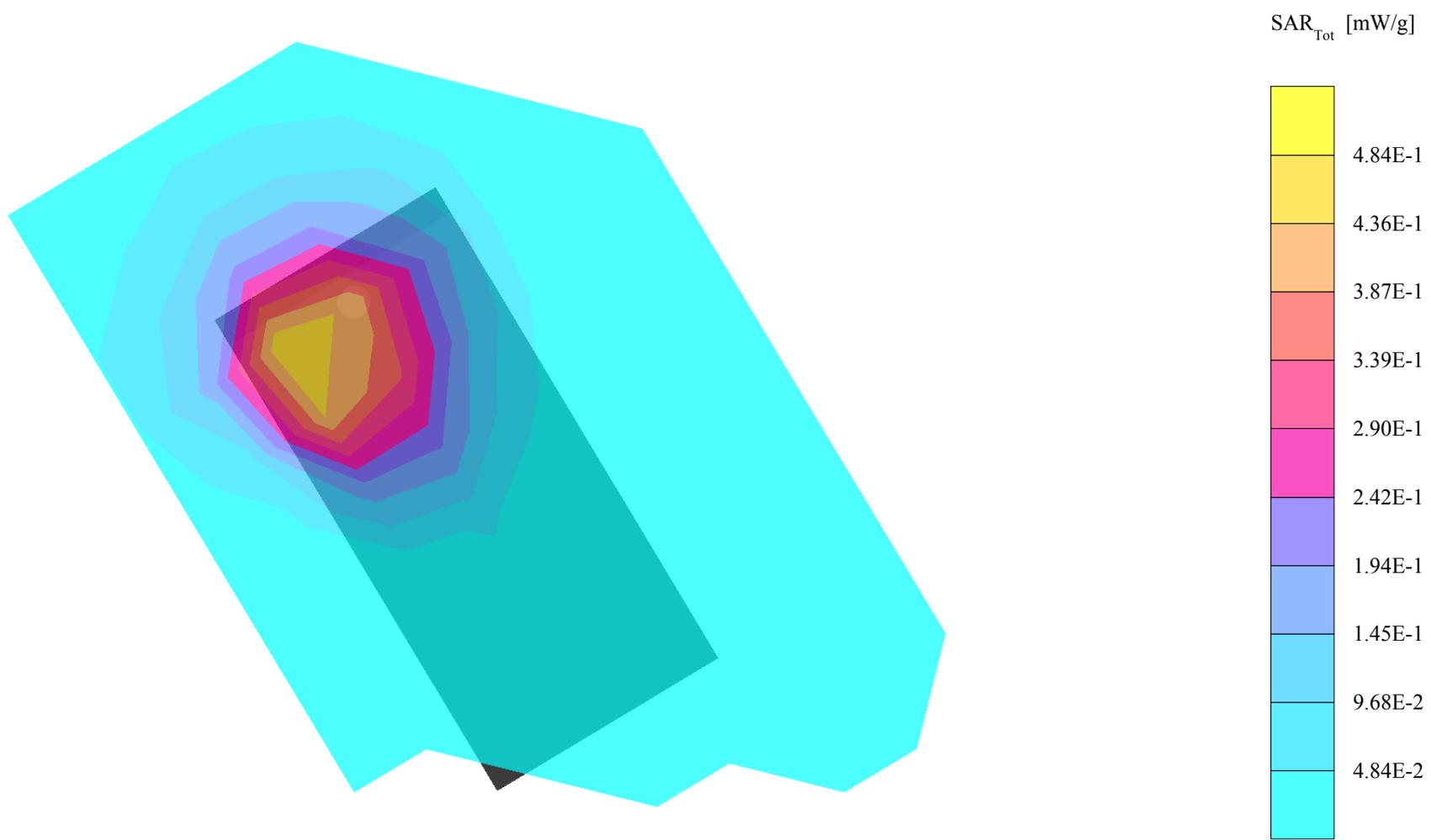
Coarse: Dx = 10.0, Dy = 20.0, Dz = 10.0

Powerdrift: -0.13 dB

SAR$_{Tot}$ [mW/g]

1.11E+0

9.99E-1

8.88E-1

7.77E-1

6.66E-1

5.55E-1

4.44E-1

3.33E-1

2.22E-1

1.11E-1

PY7A1021043

SAM 1 Phantom; Righ Hand Section; Position: (105°,301°); Frequency: 1880 MHz
Probe: ET3DV6 - SN1569; ConvF(5.28,5.28,5.28); Crest factor: 8.0; Head 1900MHz: $\sigma = 1.43$ mho/m $\varepsilon_r = 38.8$ $\rho = 1.00$ g/cm³
Cube 5x5x7: SAR (1g): 0.515 mW/g, SAR (10g): 0.273 mW/g, (Worst-case extrapolation)
Coarse: Dx = 15.0, Dy = 15.0, Dz = 15.0
Powerdrift: -0.02 dB

SAR_{Tot} [mW/g]

4.84E-1
4.36E-1
3.87E-1
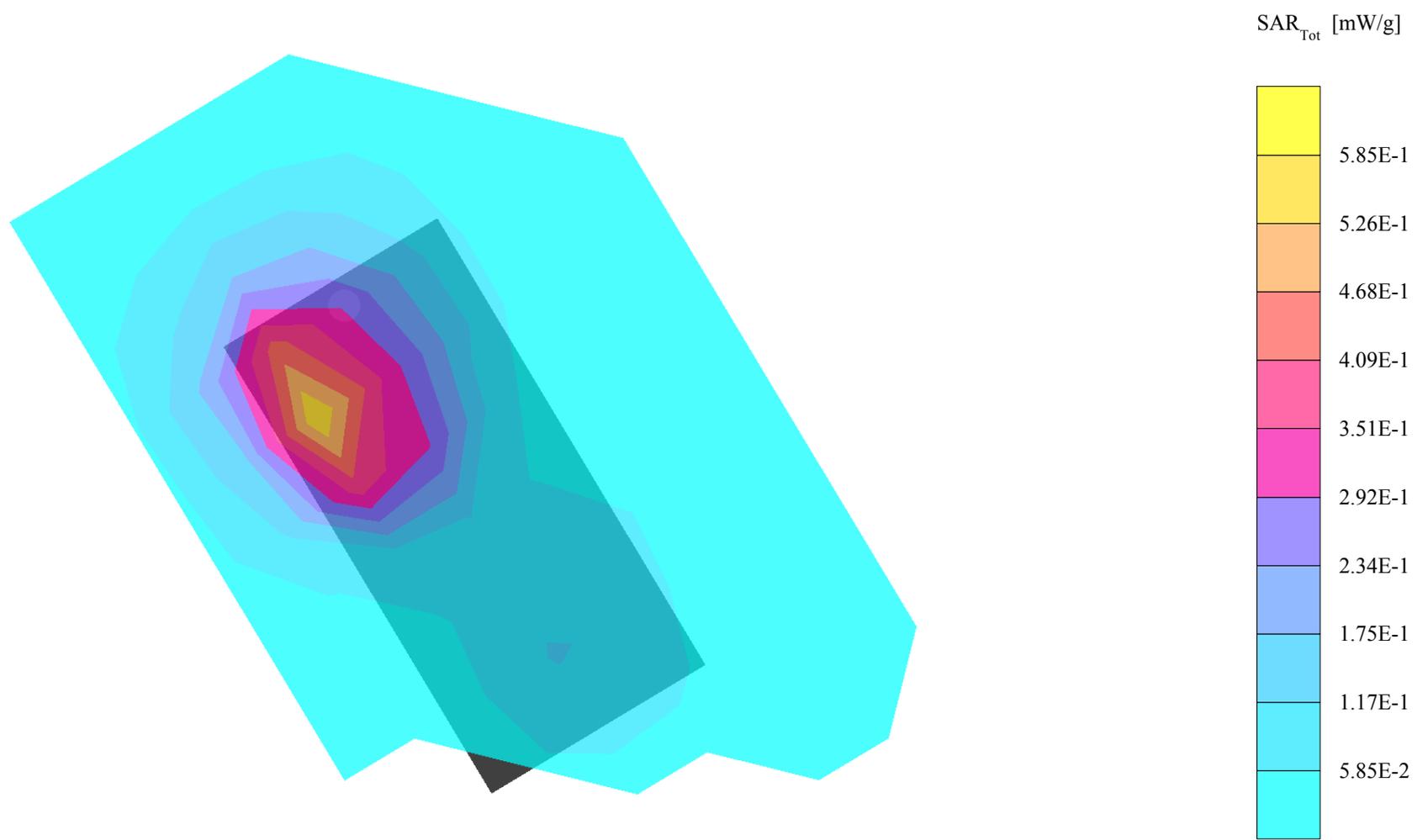3.39E-1
2.90E-1
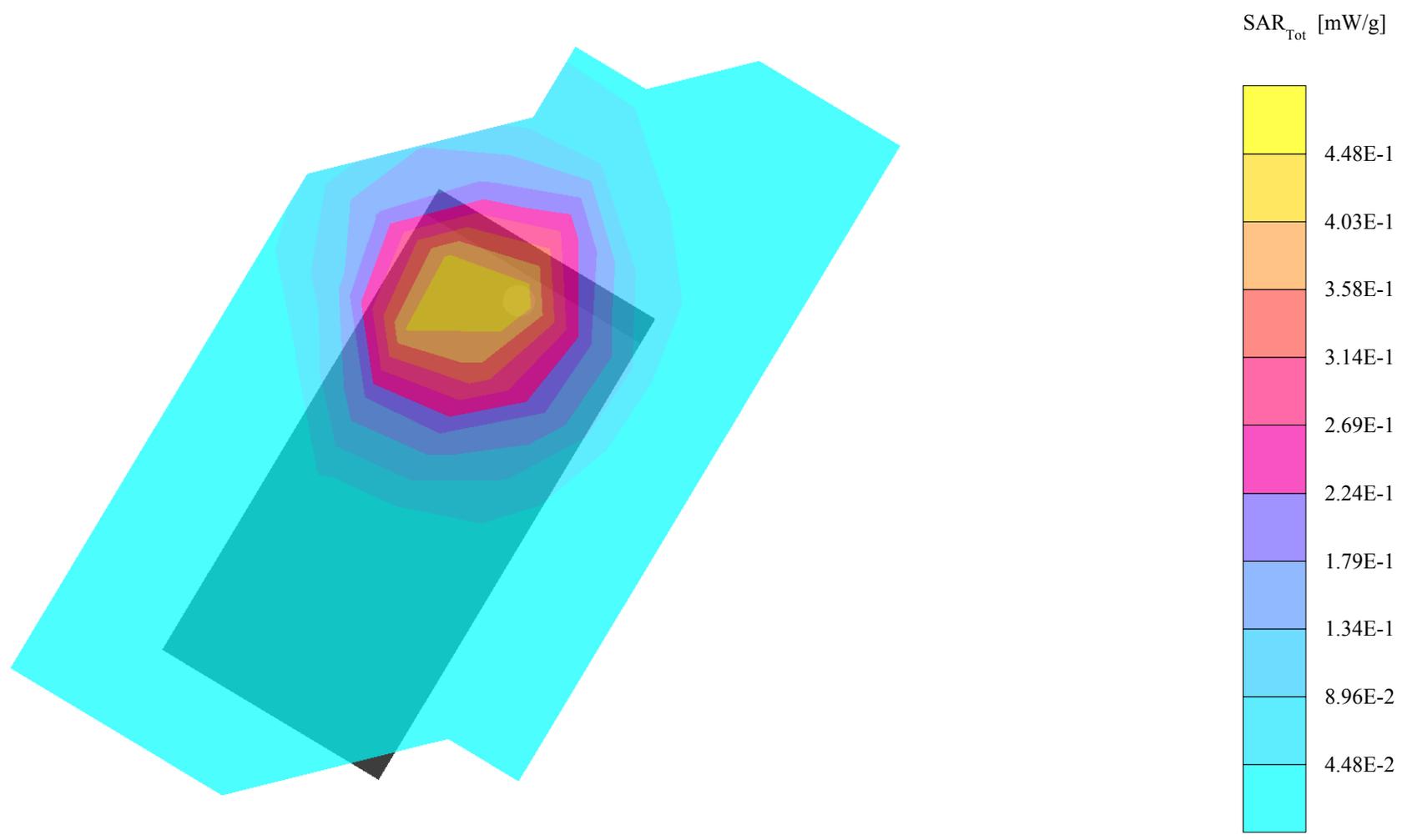2.42E-1
1.94E-1
1.45E-1
9.68E-2
4.84E-2

PY7A1021043

SAM 1 Phantom; Righ Hand Section; Position: (90°,301°); Frequency: 1880 MHz

Probe: ET3DV6 - SN1569; ConvF(5.28,5.28,5.28); Crest factor: 8.0; Head 1900MHz: σ = 1.43 mho/m ε_r = 38.8 ρ = 1.00 g/cm³

Cube 5x5x7: SAR (1g): 0.520 mW/g, SAR (10g): 0.271 mW/g, (Worst-case extrapolation)

Coarse: Dx = 15.0, Dy = 15.0, Dz = 15.0

Powerdrift: -0.08 dB

SAR_{Tot} [mW/g]

5.85E-1

5.26E-1

4.68E-1

4.09E-1

3.51E-1

2.92E-1

2.34E-1

1.75E-1

1.17E-1

5.85E-2

PY7A1021043

SAM 1 Phantom; Left Hand Section; Position: (105°,59°); Frequency: 1880 MHz

Probe: ET3DV6 - SN1569; ConvF(5.28,5.28,5.28); Crest factor: 8.0; Head 1900MHz: $\sigma = 1.43$ mho/m $\varepsilon_r = 38.8$ $\rho = 1.00$ g/cm³

Cube 5x5x7: SAR (1g): 0.467 mW/g, SAR (10g): 0.263 mW/g, (Worst-case extrapolation)

Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0

Powerdrift: -0.04 dB

SAR$_{Tot}$ [mW/g]

4.48E-1

4.03E-1

3.58E-1

3.14E-1

2.69E-1

2.24E-1

1.79E-1

1.34E-1

8.96E-2

4.48E-2

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PY7A1021043

SAM 1 Phantom; Left Hand Section; Position: (90°,59°); Frequency: 1880 MHz

Probe: ET3DV6 - SN1569; ConvF(5.28,5.28,5.28); Crest factor: 8.0; Head 1900MHz: σ = 1.43 mho/m ε_r = 38.8 ρ = 1.00 g/cm³

Cube 5x5x7: SAR (1g): 0.361 mW/g, SAR (10g): 0.213 mW/g, (Worst-case extrapolation)

Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0

Powerdrift: 0.01 dB
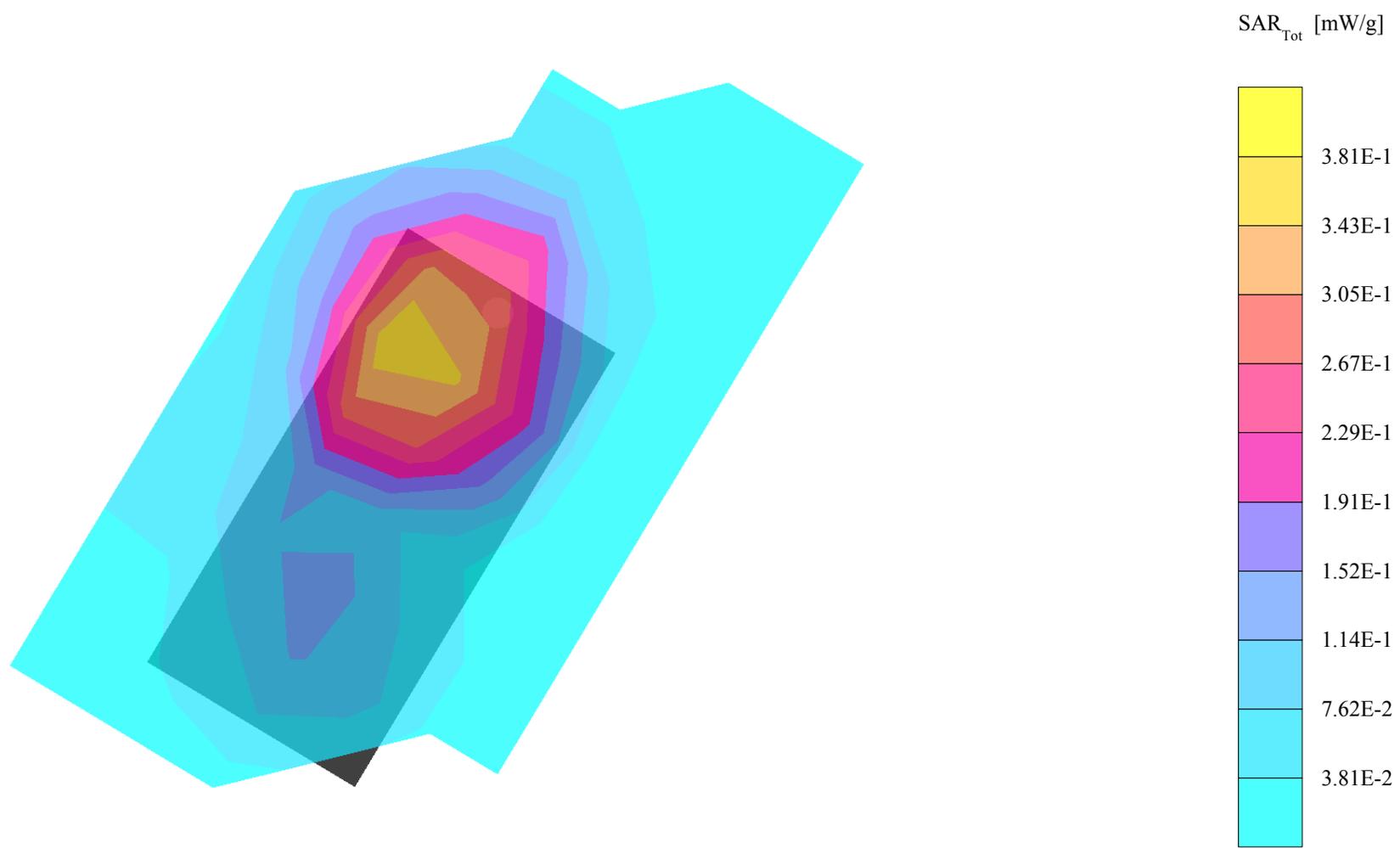
SAR_{Tot} [mW/g]

3.81E-1

3.43E-1

3.05E-1

2.67E-1

2.29E-1

1.91E-1

1.52E-1

1.14E-1

7.62E-2

3.81E-2

PY7A1021043

SAM 4 Phantom; Flat Section; Position: (270°,90°); Frequency: 1880 MHz

Probe: ET3DV6 - SN1585; ConvF(4.56,4.56,4.56); Crest factor: 8.0; Muscle 1900: $\sigma = 1.52$ mho/m $\varepsilon_r = 50.0$ $\rho = 1.00$ g/cm^3

Cube 5x5x7: SAR (1g): 0.103 mW/g, SAR (10g): 0.0633 mW/g, (Worst-case extrapolation)

Coarse: Dx = 10.0, Dy = 20.0, Dz = 10.0

Powerdrift: -0.13 dB

SAR_{Tot} [mW/g]

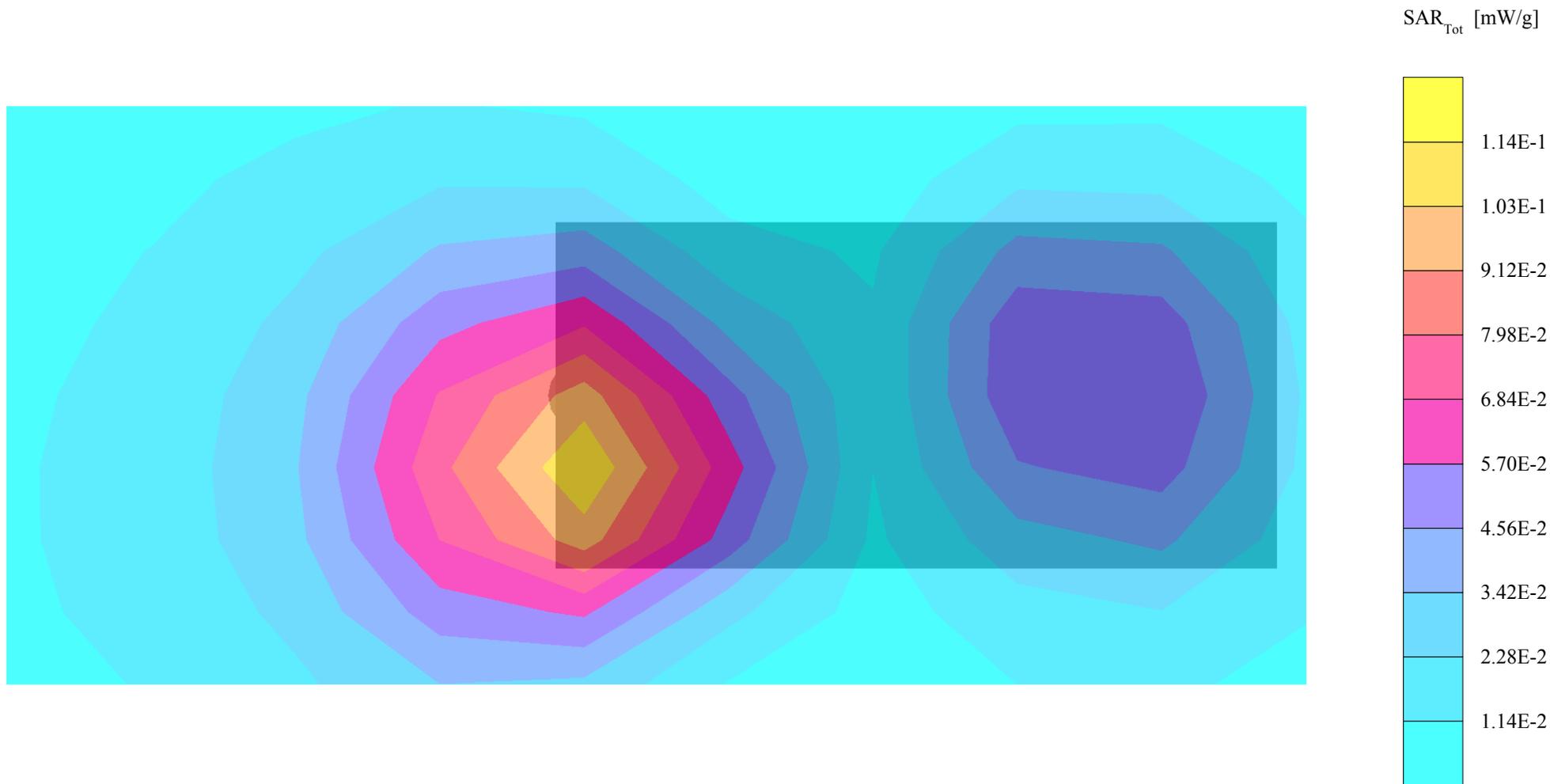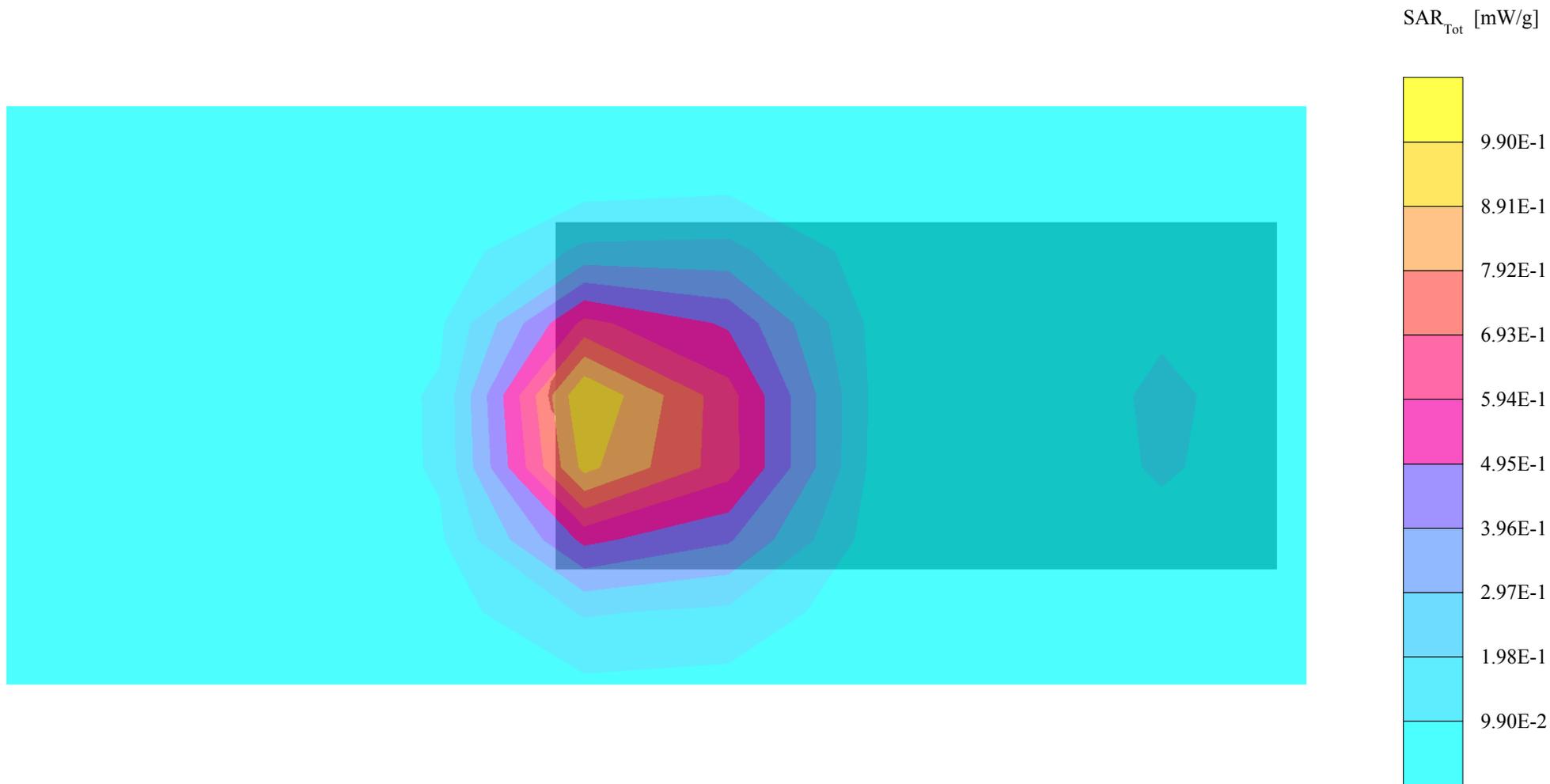| |
|---|
| 1.14E-1 |
| 1.03E-1 |
| 9.12E-2 |
| 7.98E-2 |
| 6.84E-2 |
| 5.70E-2 |
| 4.56E-2 |
| 3.42E-2 |
| 2.28E-2 |
| 1.14E-2 |

PY7A1021043

SAM 4 Phantom; Flat Section; Position: (270°,90°); Frequency: 1880 MHz

Probe: ET3DV6 - SN1585; ConvF(4.56,4.56,4.56); Crest factor: 4.0; Muscle 1900: $\sigma = 1.52$ mho/m $\varepsilon_r = 50.0$ $\rho = 1.00$ g/cm^3

Cube 5x5x7: SAR (1g): 1.14   mW/g, SAR (10g): 0.613 mW/g, (Worst-case extrapolation)

Coarse: Dx = 10.0, Dy = 20.0, Dz = 10.0

Powerdrift: -0.07 dB

SAR$_{Tot}$ [mW/g]

9.90E-1

8.91E-1

7.92E-1

6.93E-1

5.94E-1

4.95E-1

3.96E-1

2.97E-1

1.98E-1

9.90E-2

PY7A1021043

SAM 4 Phantom; Flat Section; Position: (270°,90°); Frequency: 1880 MHz

Probe: ET3DV6 - SN1585; ConvF(4.56,4.56,4.56); Crest factor: 8.0; Muscle 1900: $\sigma = 1.52$ mho/m $\varepsilon_r = 50.0$ $\rho = 1.00$ g/cm^3

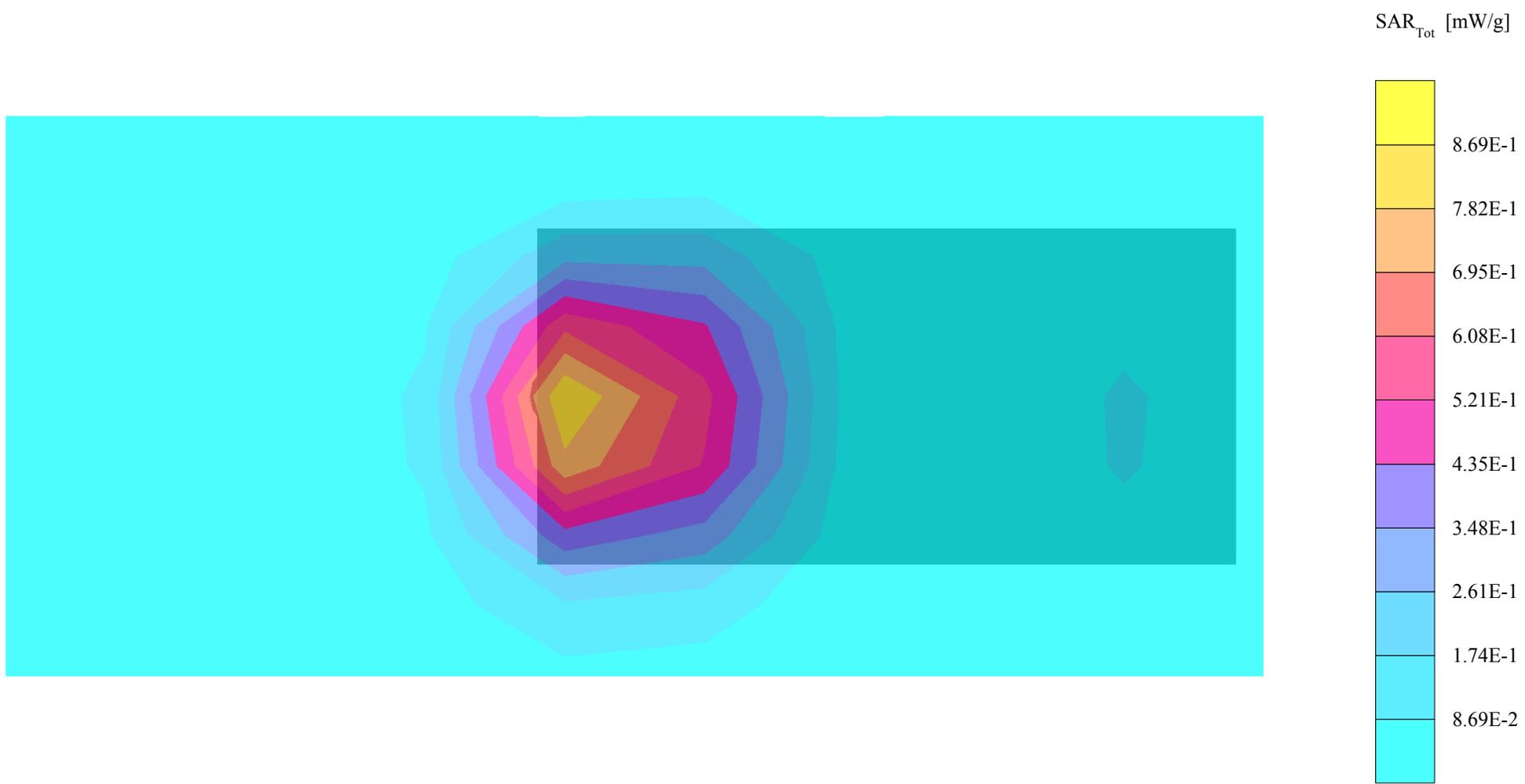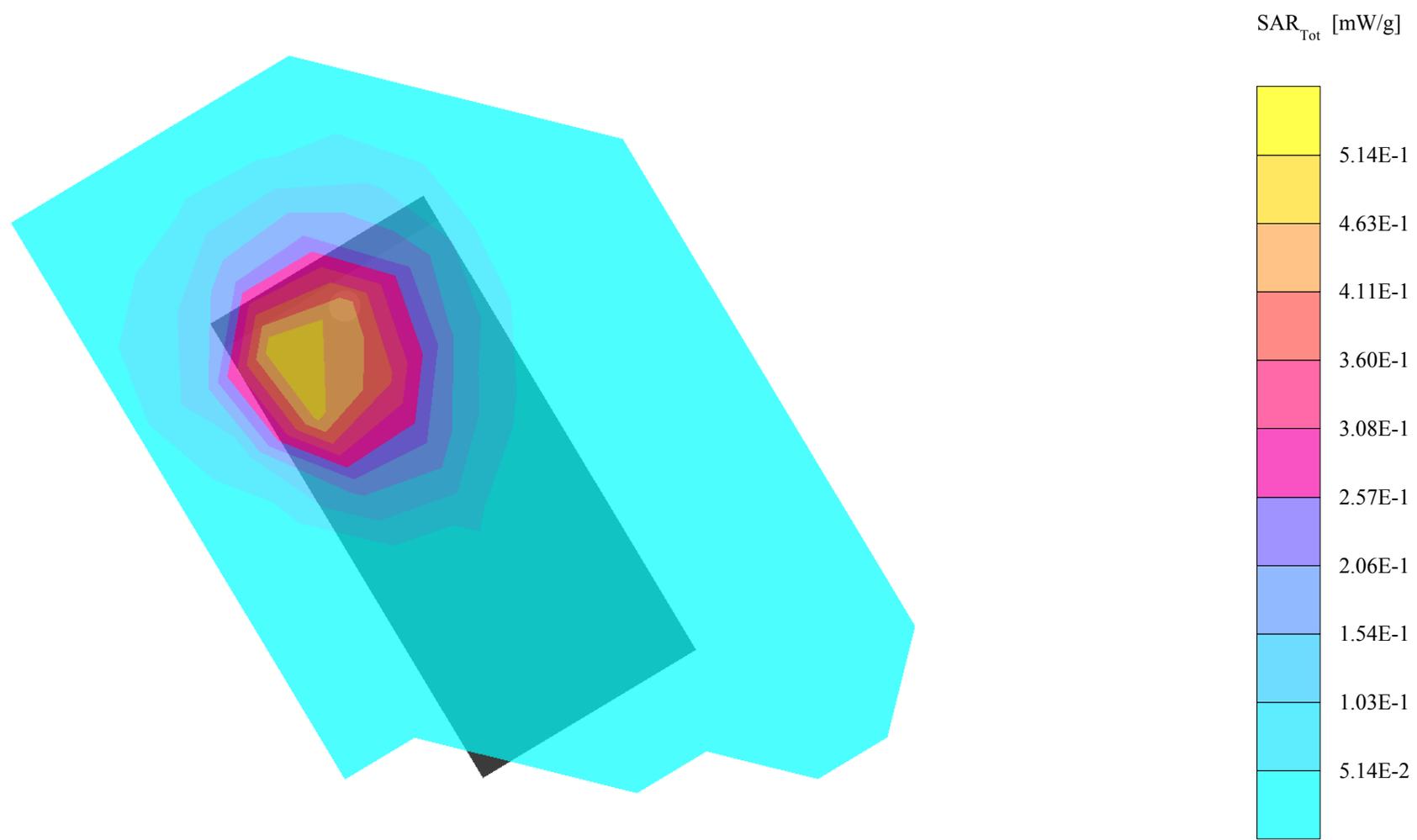Cube 5x5x7: SAR (1g): 1.04 mW/g, SAR (10g): 0.543 mW/g, (Worst-case extrapolation)

Coarse: Dx = 10.0, Dy = 20.0, Dz = 10.0

Powerdrift: -0.05 dB

SAR$_{Tot}$ [mW/g]

8.69E-1

7.82E-1

6.95E-1

6.08E-1

5.21E-1

4.35E-1

3.48E-1

2.61E-1

1.74E-1

8.69E-2

PY7A1021043

SAM 1 Phantom; Righ Hand Section; Position: (105°,301°); Frequency: 1850 MHz
Probe: ET3DV6 - SN1569; ConvF(5.28,5.28,5.28); Crest factor: 8.0; Head 1900MHz: σ = 1.43 mho/m ε_r = 38.8 ρ = 1.00 g/cm³
Cube 5x5x7: SAR (1g): 0.567 mW/g, SAR (10g): 0.294 mW/g, (Worst-case extrapolation)
Coarse: Dx = 15.0, Dy = 15.0, Dz = 15.0
Powerdrift: 0.00 dB

SAR$_{Tot}$ [mW/g]

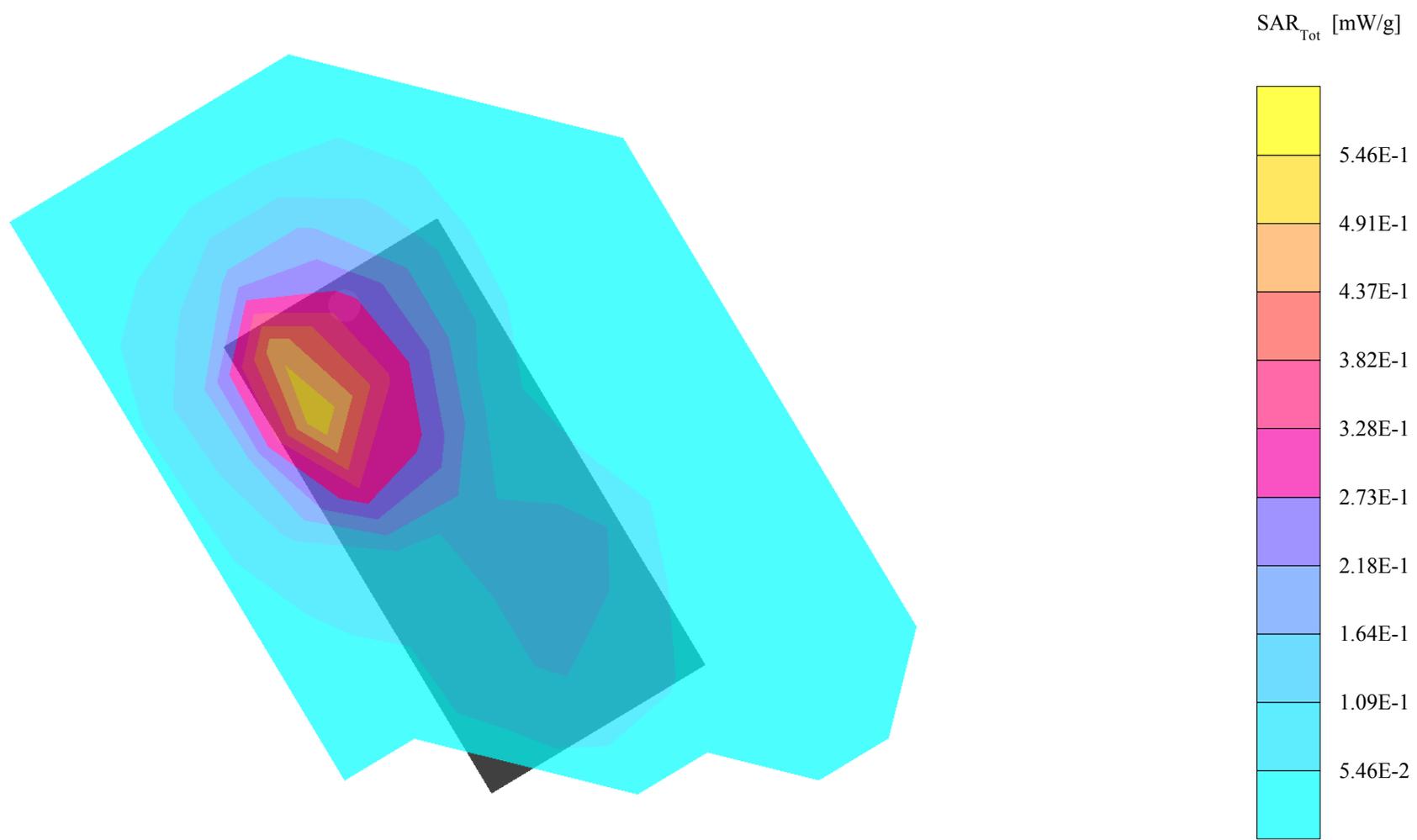| |
|---|
| 5.14E-1 |
| 4.63E-1 |
| 4.11E-1 |
| 3.60E-1 |
| 3.08E-1 |
| 2.57E-1 |
| 2.06E-1 |
| 1.54E-1 |
| 1.03E-1 |
| 5.14E-2 |

PY7A1021043

SAM 1 Phantom; Righ Hand Section; Position: (90°,301°); Frequency: 1850 MHz

Probe: ET3DV6 - SN1569; ConvF(5.28,5.28,5.28); Crest factor: 8.0; Head 1900MHz: σ = 1.43 mho/m ε_r = 38.8 ρ = 1.00 g/cm³

Cube 5x5x7: SAR (1g): 0.515 mW/g, SAR (10g): 0.264 mW/g, (Worst-case extrapolation)

Coarse: Dx = 15.0, Dy = 15.0, Dz = 15.0

Powerdrift: -0.01 dB

SAR$_{Tot}$ [mW/g]

5.46E-1

4.91E-1

4.37E-1

3.82E-1

3.28E-1

2.73E-1
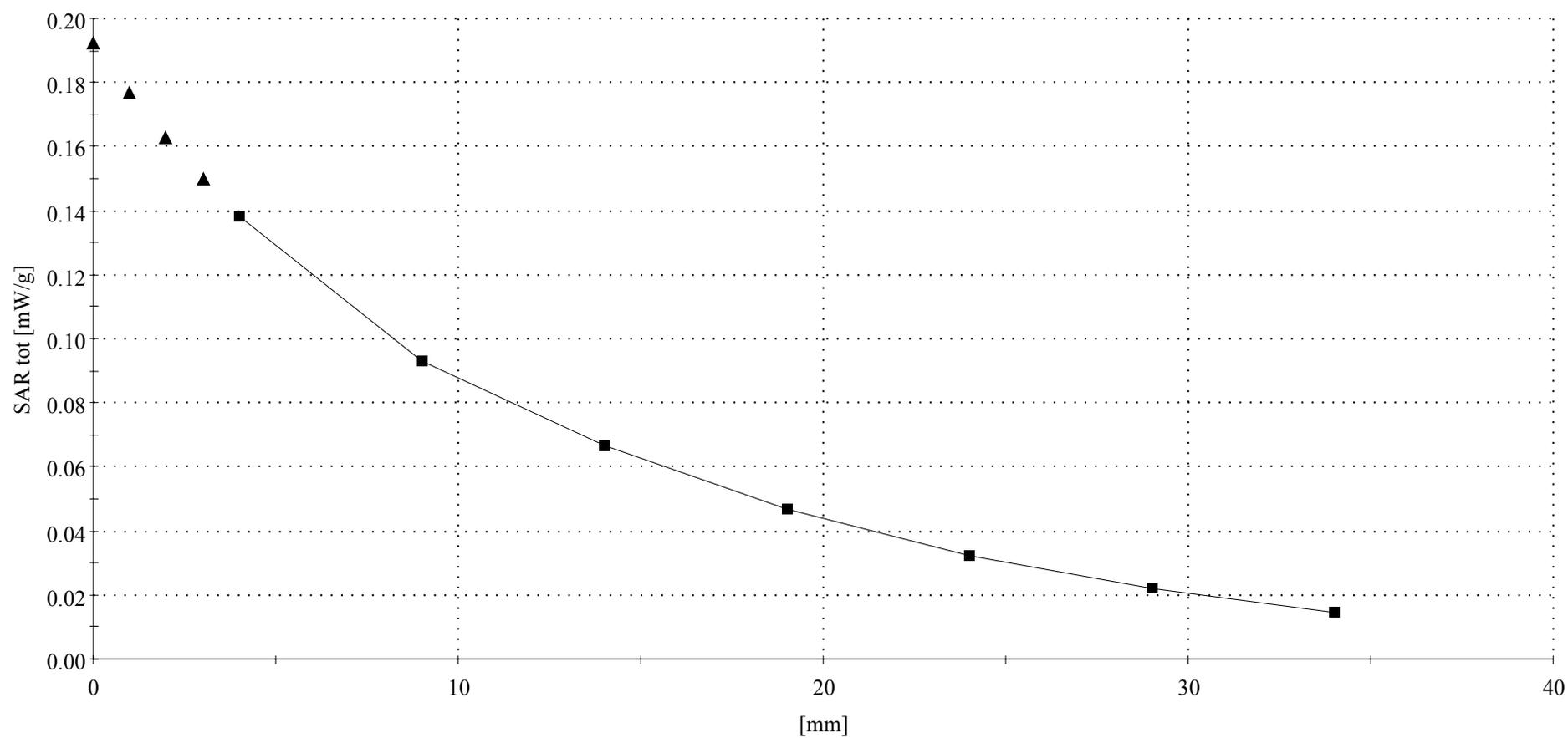
2.18E-1

1.64E-1

1.09E-1

5.46E-2

PY7A1021043

SAM 1 Phantom; Left Hand Section; Position: (105°,59°); Frequency: 1850 MHz
Probe: ET3DV6 - SN1569; ConvF(5.28,5.28,5.28); Crest factor: 8.0; Head 1900MHz: σ = 1.43 mho/m ε_r = 38.8 ρ = 1.00 g/cm^3
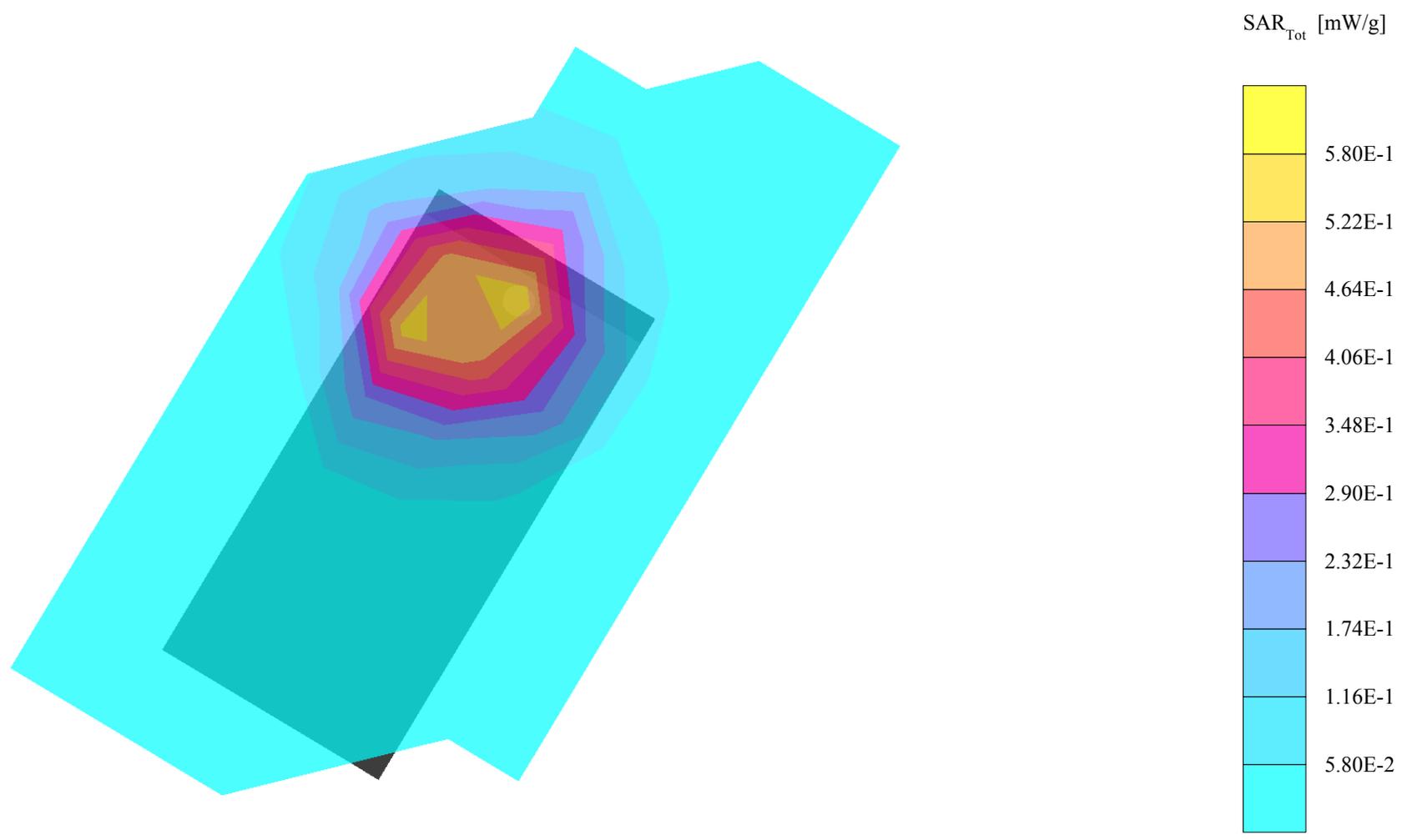Cube 5x5x7: SAR (1g): 0.615 mW/g, SAR (10g): 0.338 mW/g, (Worst-case extrapolation)
Cube 5x5x7: Dx = 8.0, Dy = 8.0, Dz = 5.0

PY7A1021043

SAM 1 Phantom; Left Hand Section; Position: (105°,59°); Frequency: 1850 MHz

Probe: ET3DV6 - SN1569; ConvF(5.28,5.28,5.28); Crest factor: 8.0; Head 1900MHz: $\sigma = 1.43$ mho/m $\varepsilon_r = 38.8$ $\rho = 1.00$ g/cm^3

Cube 5x5x7: SAR (1g): 0.615 mW/g, SAR (10g): 0.338 mW/g, (Worst-case extrapolation)

Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0

Powerdrift: -0.07 dB

SAR$_{Tot}$ [mW/g]

5.80E-1
5.22E-1
4.64E-1
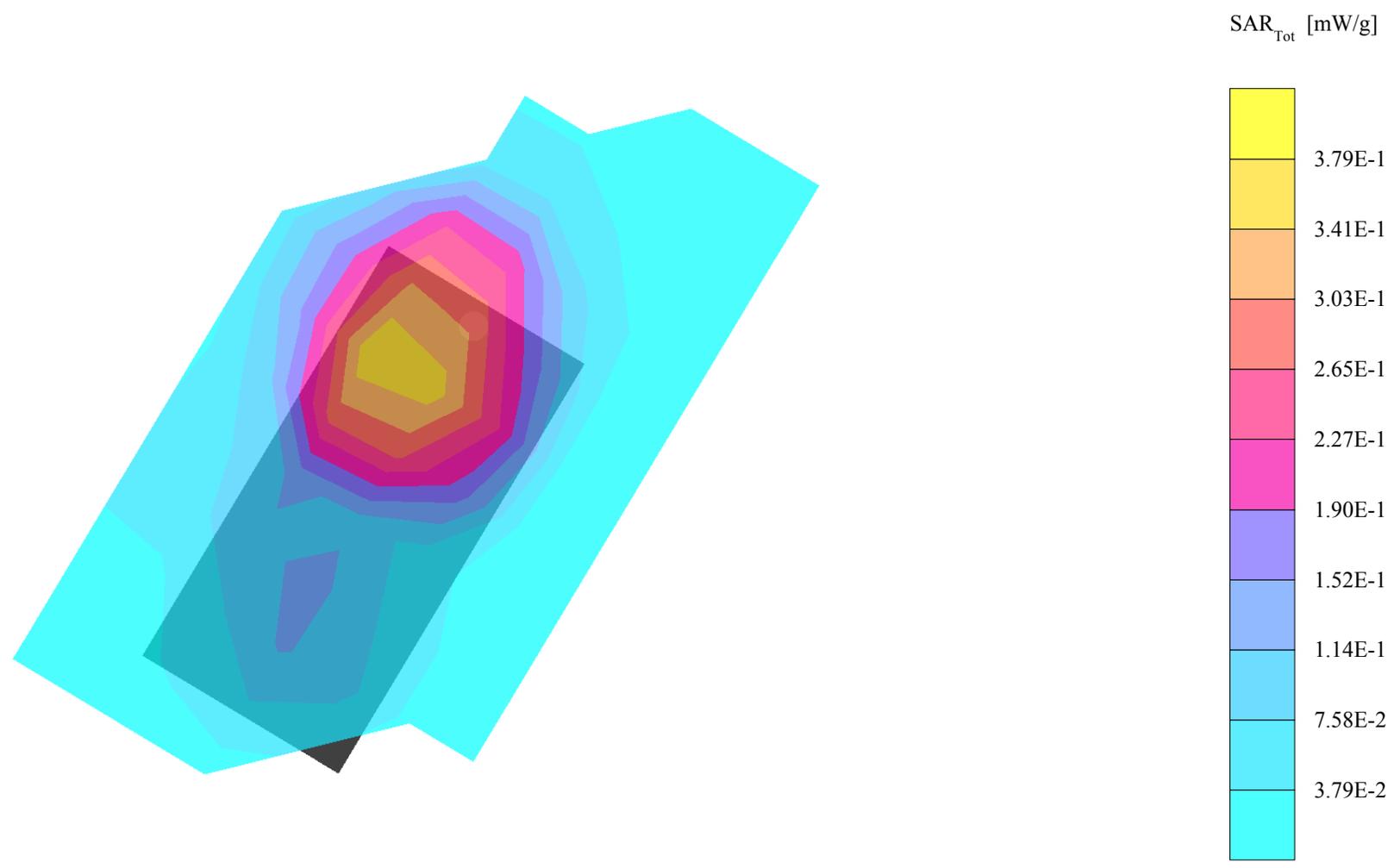4.06E-1
3.48E-1
2.90E-1
2.32E-1
1.74E-1
1.16E-1
5.80E-2

PY7A1021043

SAM 1 Phantom; Left Hand Section; Position: (90°,59°); Frequency: 1850 MHz

Probe: ET3DV6 - SN1569; ConvF(5.28,5.28,5.28); Crest factor: 8.0; Head 1900MHz: $\sigma = 1.43$ mho/m $\varepsilon_r = 38.8$ $\rho = 1.00$ g/cm^3

Cube 5x5x7: SAR (1g): 0.357 mW/g, SAR (10g): 0.214 mW/g, (Worst-case extrapolation)

Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0

Powerdrift: 0.02 dB

SAR$_{Tot}$ [mW/g]

3.79E-1

3.41E-1

3.03E-1

2.65E-1

2.27E-1

1.90E-1

1.52E-1

1.14E-1

7.58E-2

3.79E-2

PY7A1021043

SAM 4 Phantom; Flat Section; Position: (270°,90°); Frequency: 1850 MHz

Probe: ET3DV6 - SN1585; ConvF(4.56,4.56,4.56); Crest factor: 8.0; Muscle 1900: $\sigma = 1.52$ mho/m $\varepsilon_r = 50.0$ $\rho = 1.00$ g/cm^3

Cube 5x5x7: SAR (1g): 0.0998 mW/g, SAR (10g): 0.0613 mW/g, (Worst-case extrapolation)

Coarse: Dx = 10.0, Dy = 20.0, Dz = 10.0

Powerdrift: -0.15 dB

SAR_{Tot} [mW/g]

1.08E-1

9.72E-2

8.64E-2

7.56E-2

6.48E-2

5.40E-2

4.32E-2

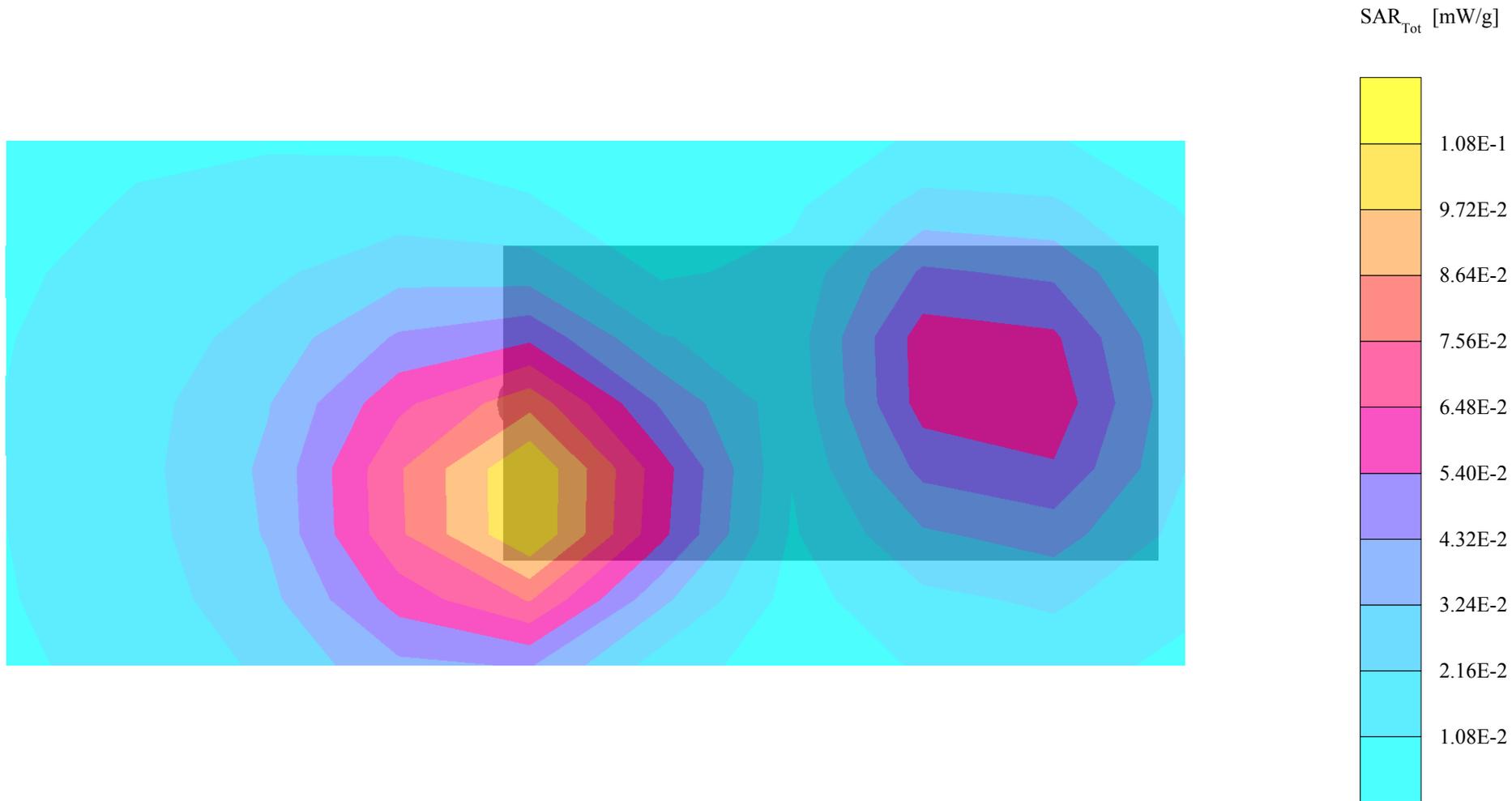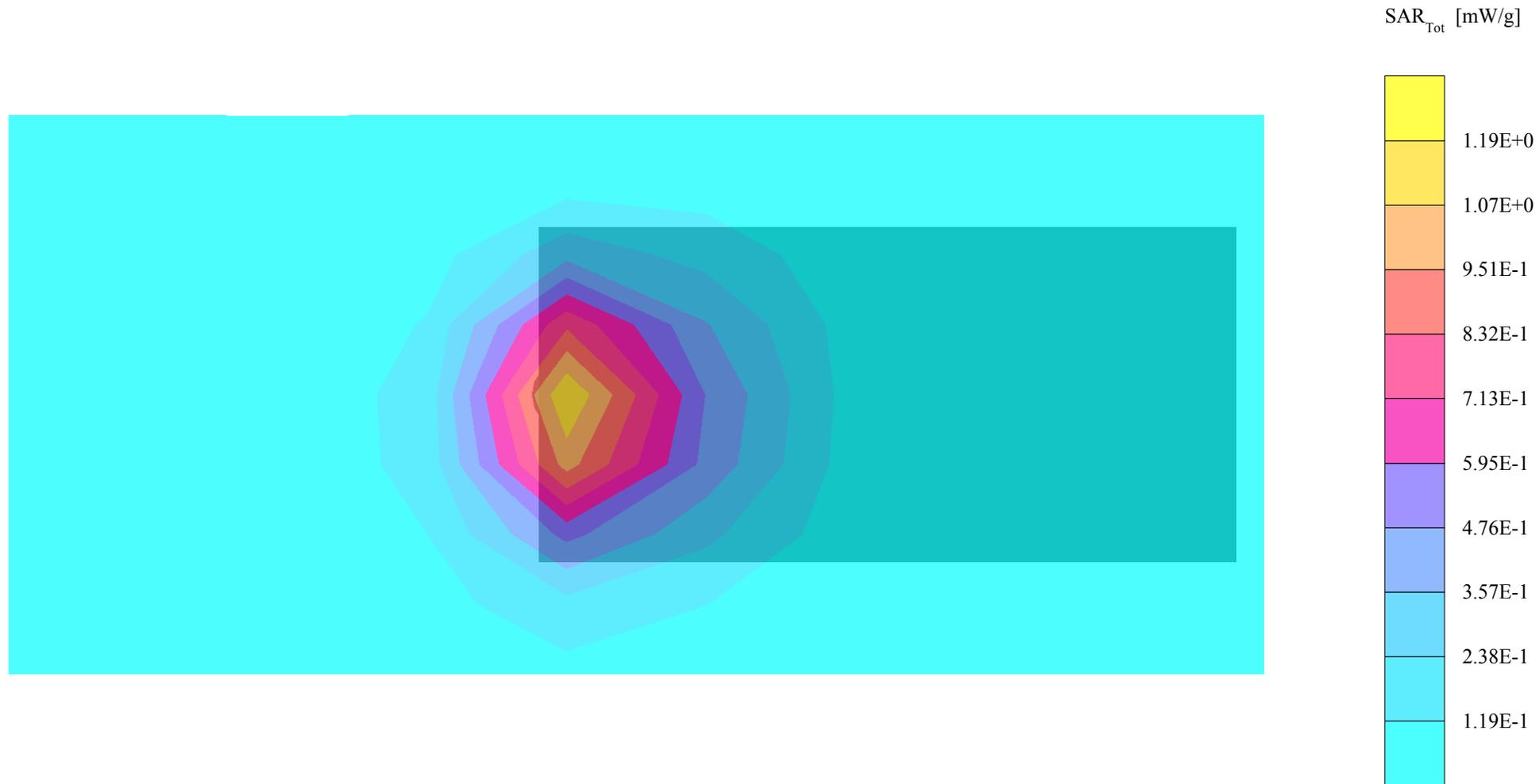3.24E-2

2.16E-2

1.08E-2

PY7A1021043

SAM 4 Phantom; Flat Section; Position: (270°,90°); Frequency: 1850 MHz

Probe: ET3DV6 - SN1585; ConvF(4.56,4.56,4.56); Crest factor: 8.0; Muscle 1900: $\sigma = 1.52$ mho/m $\varepsilon_r = 50.0$ $\rho = 1.00$ g/cm^3

Cube 5x5x7: SAR (1g): 1.13   mW/g, SAR (10g): 0.590 mW/g, (Worst-case extrapolation)

Coarse: Dx = 10.0, Dy = 20.0, Dz = 10.0

Powerdrift: -0.14 dB

SAR$_{Tot}$ [mW/g]

1.19E+0

1.07E+0

9.51E-1

8.32E-1

7.13E-1

5.95E-1

4.76E-1

3.57E-1

2.38E-1

1.19E-1

PY7A1021043

SAM 1 Phantom; Righ Hand Section; Position: (105°,301°); Frequency: 1910 MHz
Probe: ET3DV6 - SN1569; ConvF(5.28,5.28,5.28); Crest factor: 8.0; Head 1900MHz: $\sigma = 1.43$ mho/m $\varepsilon_r = 38.8$ $\rho = 1.00$ g/cm³
Cube 5x5x7: SAR (1g): 0.601 mW/g, SAR (10g): 0.325 mW/g, (Worst-case extrapolation)
Coarse: Dx = 15.0, Dy = 15.0, Dz = 15.0
Powerdrift: 0.01 dB

SAR$_{Tot}$ [mW/g]

5.59E-1
5.03E-1
4.47E-1
3.91E-1
3.35E-1
2.80E-1
2.24E-1
1.68E-1
1.12E-1
5.59E-2