

Test Laboratory: Compliance Certification Services
 File Name: [D5GHzV2_M5200_072704.da4](#)

DUT: Dipole 5200-5800MHz; Type: D5GHzV2; Serial: 1003
Program Name: System Performance Check at Body 5200 MHz
Ambient Temp.: 25.5 deg. C; Liquid Temp.: 24 deg. C

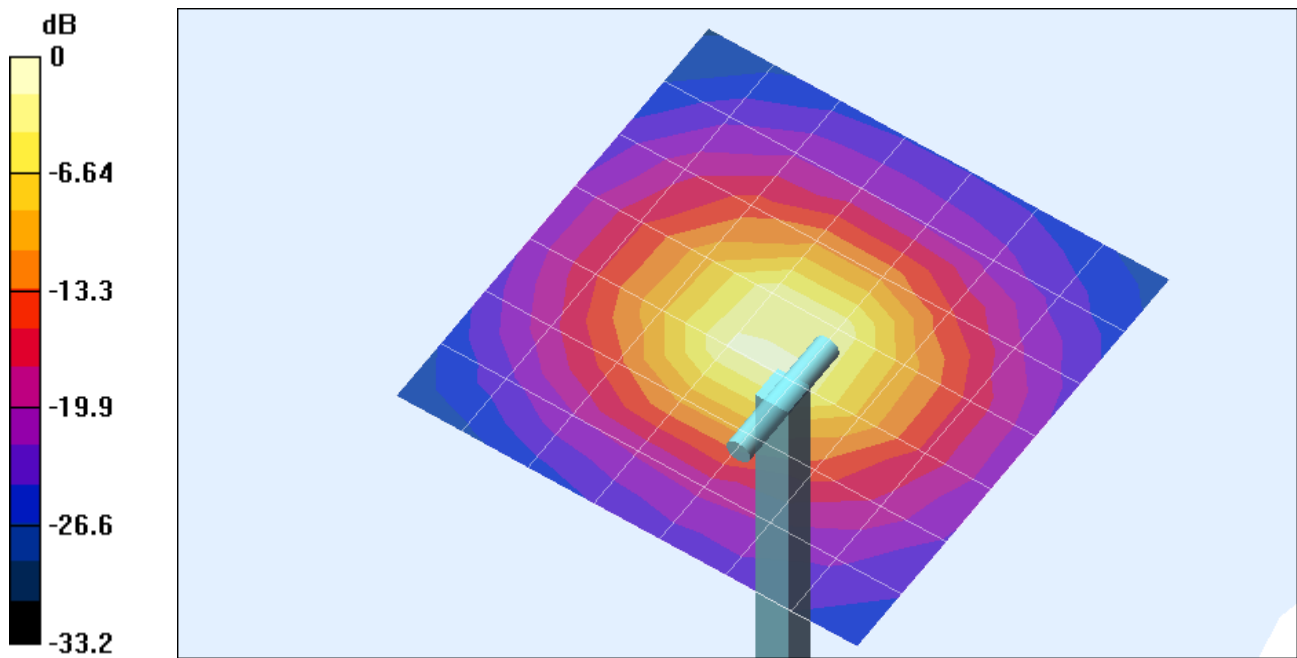
Communication System: CW 5200MHz; Frequency: 5200 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 5200$ MHz; $\sigma = 5.41$ mho/m; $\epsilon_r = 48.2$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3531; ConvF(4.83, 4.83, 4.83); Calibrated: 7/18/2004
- Sensor-Surface: 1.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 12/23/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

d=10mm, Pin=250mW/Area Scan (8x8x1): Measurement grid: dx=10mm, dy=10mm
 Reference Value = 78.1 V/m; Power Drift = -0.1 dB
 Maximum value of SAR (measured) = 25.6 mW/g

d=10mm, Pin=250mW/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
 Reference Value = 78.1 V/m; Power Drift = -0.1 dB
 Maximum value of SAR (measured) = 40.9 mW/g
 Peak SAR (extrapolated) = 70 W/kg
SAR(1 g) = 18.9 mW/g; SAR(10 g) = 5.39 mW/g



0 dB = 40.9mW/g

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DUT: Dipole 5200-5800MHz; Type: D5GHzV2; Serial: 1003

Program Name: System Performance Check at Body 5200 MHz

Communication System: CW 5200MHz; Frequency: 5200 MHz;Duty Cycle: 1:1

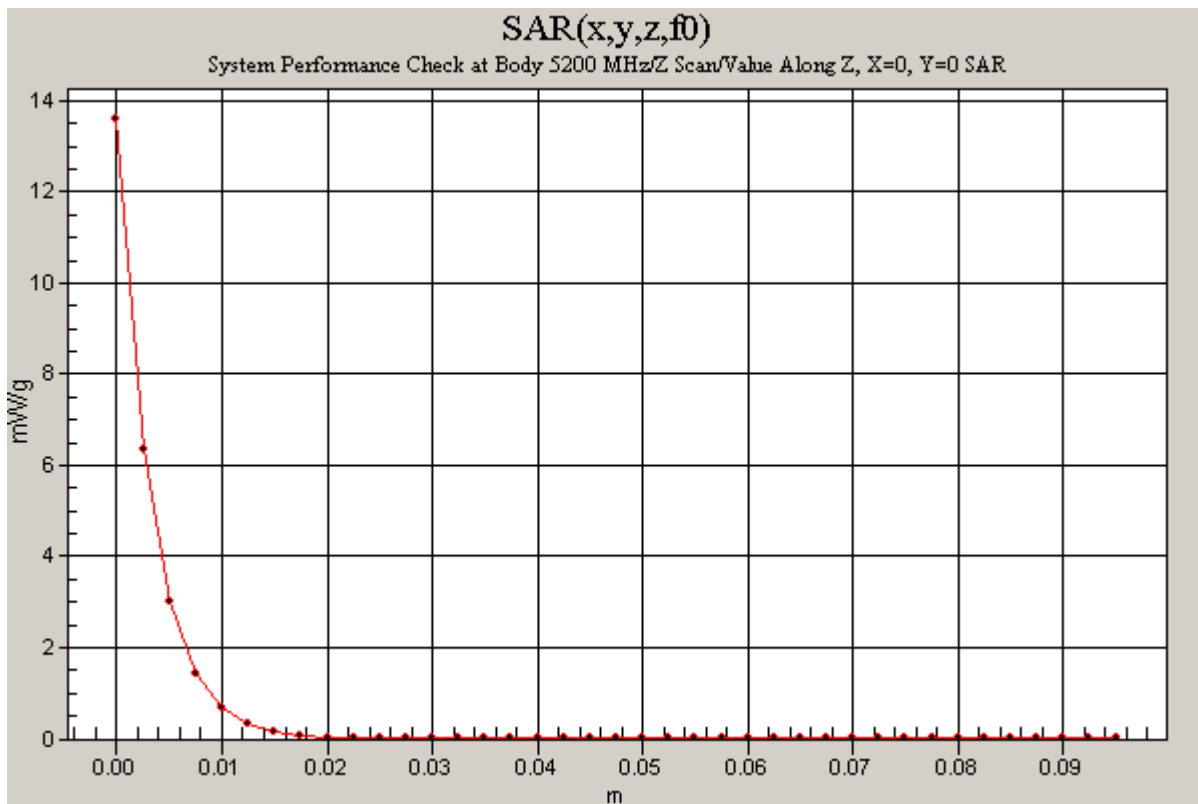
Medium parameters used: $f = 5200$ MHz; $\sigma = 5.41$ mho/m; $\epsilon_r = 48.2$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

d=10mm, Pin=250mW/Z Scan (1x1x41): Measurement grid: dx=20mm, dy=20mm, dz=2.5mm

Reference Value = 78.1 V/m; Power Drift = -0.0 dB

Maximum value of SAR (measured) = 13.6 mW/g



Test Laboratory: Compliance Certification Services
 File Name: [D5GHzV2_M5800_072704.da4](#)

DUT: Dipole 5200-5800MHz; Type: D5GHzV2; Serial: 1003
Program Name: System Performance Check at Body 5800 MHz
Ambient Temp.: 25.5 deg. C; Liquid Temp.: 24 deg. C

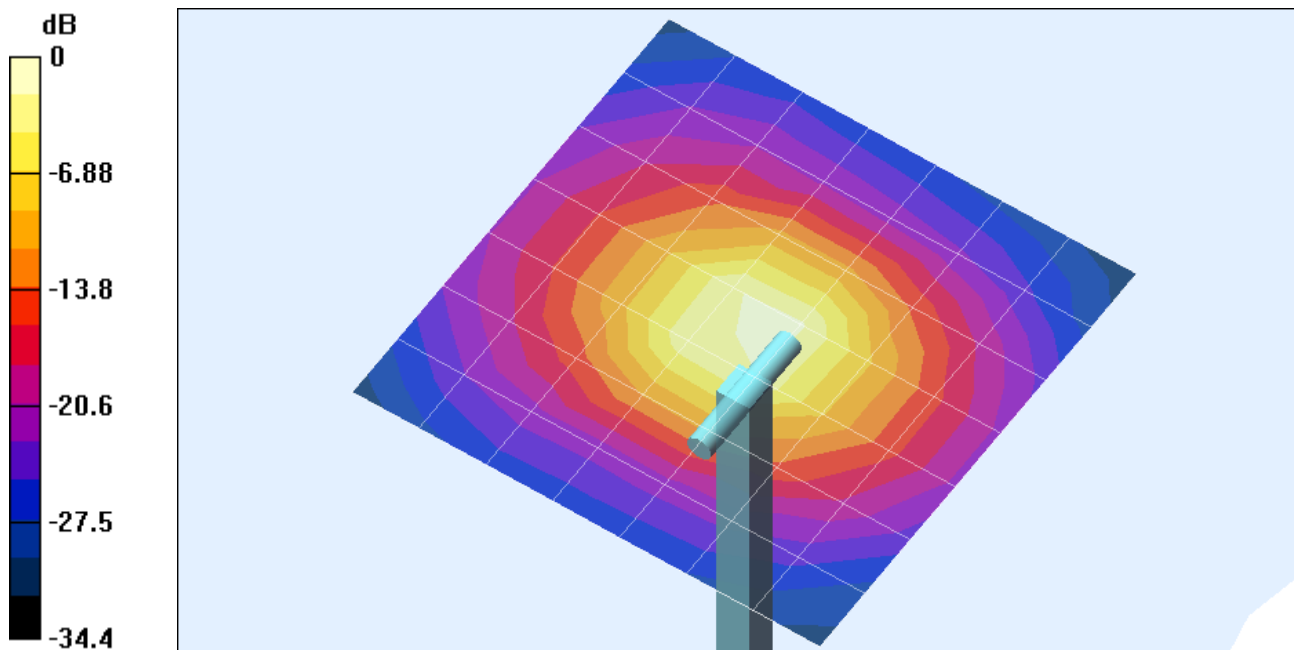
Communication System: CW 5800MHz; Frequency: 5800 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 5800$ MHz; $\sigma = 6.27$ mho/m; $\epsilon_r = 47.1$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3531; ConvF(4.64, 4.64, 4.64); Calibrated: 7/18/2004
- Sensor-Surface: 1.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 12/23/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

d=10mm, Pin=250mW 2/Area Scan (8x8x1): Measurement grid: dx=10mm, dy=10mm
 Reference Value = 68.3 V/m; Power Drift = -0.1 dB
 Maximum value of SAR (measured) = 26.3 mW/g

d=10mm, Pin=250mW 2/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
 Reference Value = 68.3 V/m; Power Drift = -0.1 dB
 Maximum value of SAR (measured) = 40.4 mW/g
 Peak SAR (extrapolated) = 76.2 W/kg
SAR(1 g) = 17.5 mW/g; SAR(10 g) = 4.91 mW/g



0 dB = 40.4mW/g

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File Name: [D5GHzV2_M5800_072704.da4](#)

DUT: Dipole 5200-5800MHz; Type: D5GHzV2; Serial: 1003

Program Name: System Performance Check at Body 5800 MHz

Communication System: CW 5800MHz; Frequency: 5800 MHz; Duty Cycle: 1:1

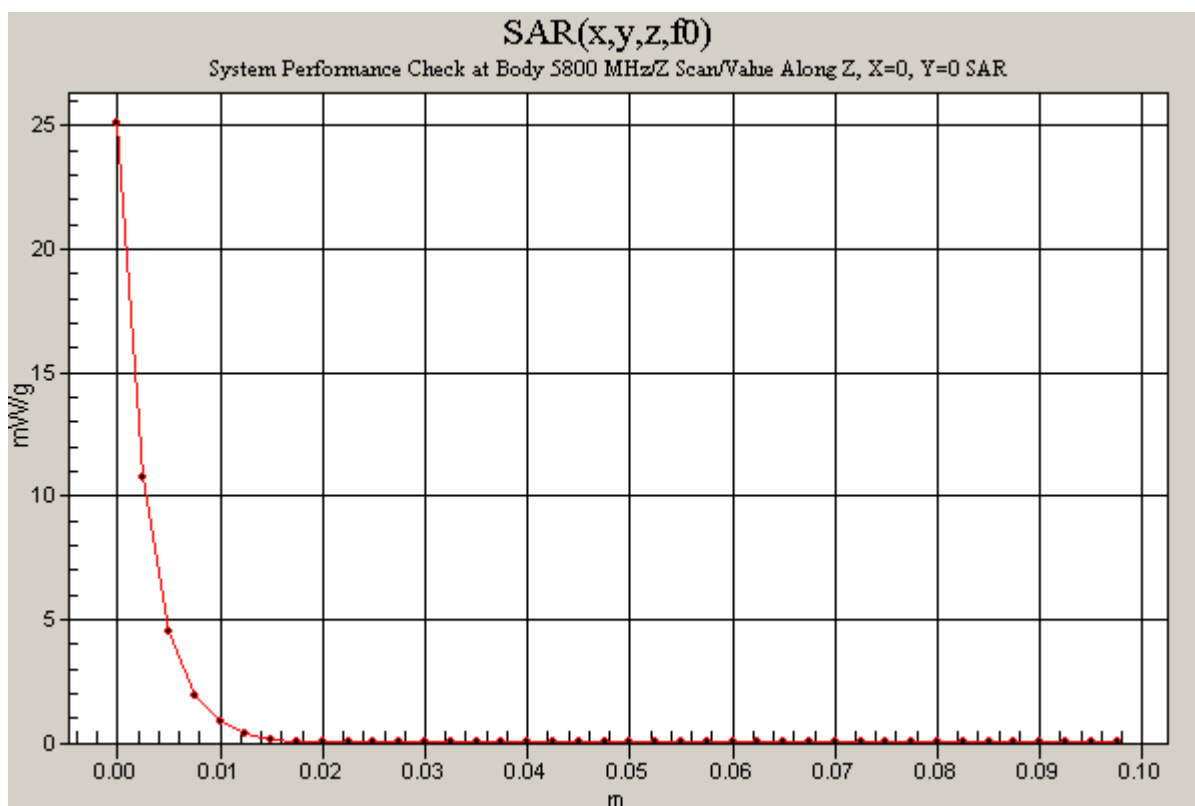
Medium parameters used: $f = 5800$ MHz; $\sigma = 6.27$ mho/m; $\epsilon_r = 47.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

d=10mm, Pin=250mW 2/Z Scan (1x1x41): Measurement grid: dx=20mm, dy=20mm, dz=2.5mm

Reference Value = 68.3 V/m; Power Drift = -0.1 dB

Maximum value of SAR (measured) = 25.1 mW/g



Test Laboratory: Compliance Certification Services
 File Name: [D5GHzV2_M5200_072804.da4](#)

DUT: Dipole 5200-5800MHz; Type: D5GHzV2; Serial: 1003
Program Name: System Performance Check at Body 5200 MHz
Ambient Temp.: 25 deg. C; Liquid Temp.: 23 deg. C

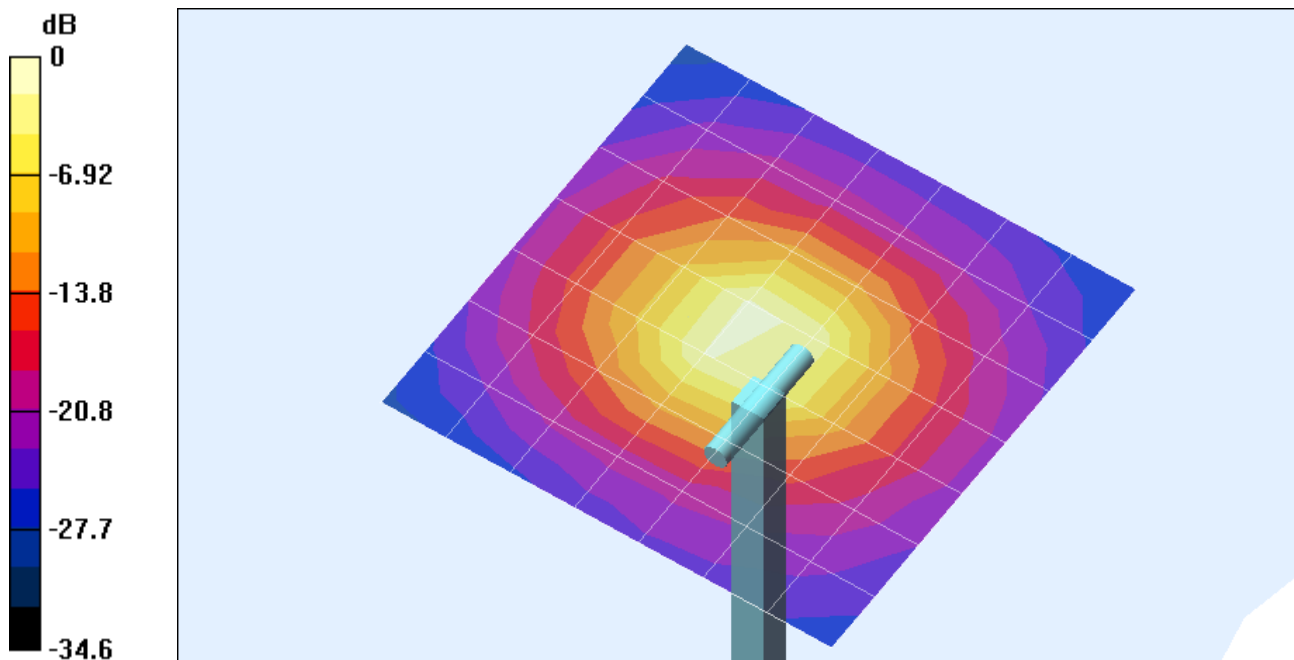
Communication System: CW 5200MHz; Frequency: 5200 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 5200$ MHz; $\sigma = 5.38$ mho/m; $\epsilon_r = 47.4$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3531; ConvF(4.83, 4.83, 4.83); Calibrated: 7/18/2004
- Sensor-Surface: 1.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 12/23/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

d=10mm, Pin=250mW/Area Scan (8x8x1): Measurement grid: dx=10mm, dy=10mm
 Reference Value = 76 V/m; Power Drift = -0.0 dB
 Maximum value of SAR (measured) = 25.3 mW/g

d=10mm, Pin=250mW/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
 Reference Value = 76 V/m; Power Drift = -0.0 dB
 Maximum value of SAR (measured) = 39.2 mW/g
 Peak SAR (extrapolated) = 66.3 W/kg
SAR(1 g) = 18.1 mW/g; SAR(10 g) = 5.1 mW/g



0 dB = 39.2mW/g

Test Laboratory: Compliance Certification Services

File Name: [D5GHzV2_M5200_072804.da4](#)

DUT: Dipole 5200-5800MHz; Type: D5GHzV2; Serial: 1003

Program Name: System Performance Check at Body 5200 MHz

Communication System: CW 5200MHz; Frequency: 5200 MHz; Duty Cycle: 1:1

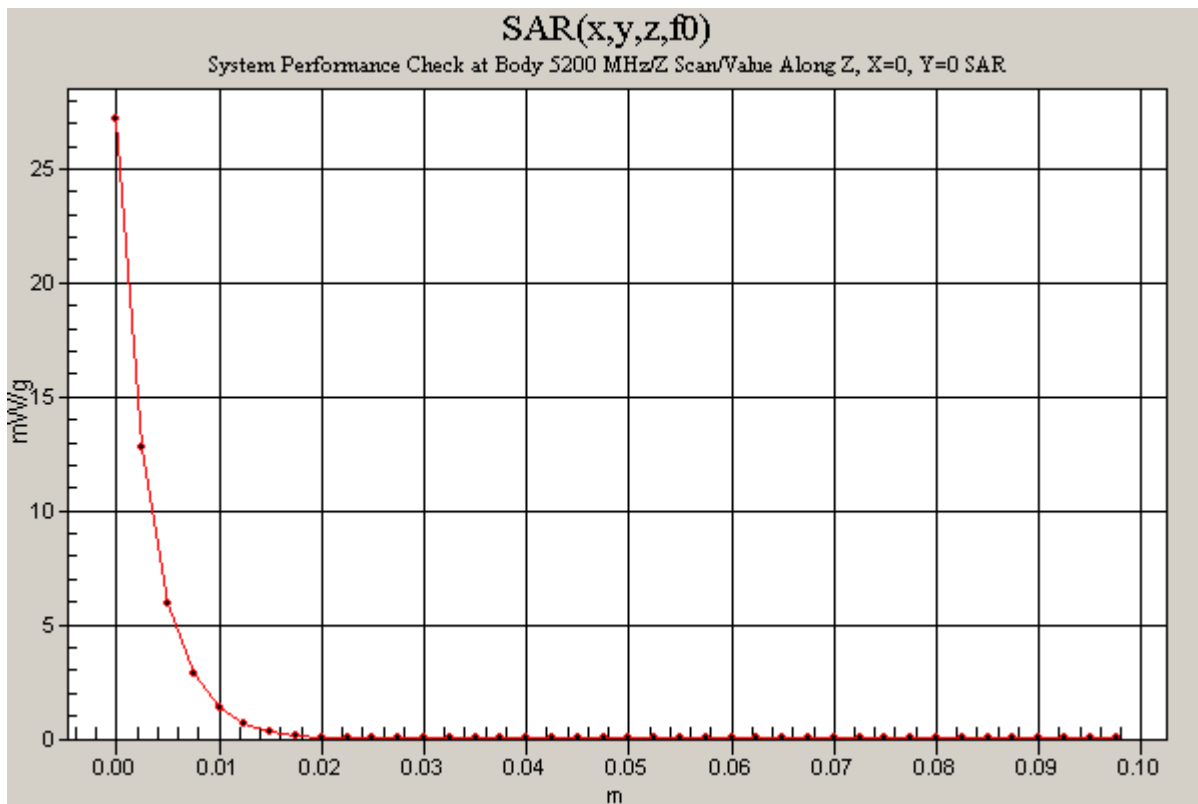
Medium parameters used: $f = 5200$ MHz; $\sigma = 5.38$ mho/m; $\epsilon_r = 47.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

d=10mm, Pin=250mW/Z Scan (1x1x41): Measurement grid: dx=20mm, dy=20mm, dz=2.5mm

Reference Value = 76 V/m; Power Drift = -0.005 dB

Maximum value of SAR (measured) = 27.2 mW/g



Test Laboratory: Compliance Certification Services
 File Name: [D5GHzV2_M5800_072804.da4](#)

DUT: Dipole 5200-5800MHz; Type: D5GHzV2; Serial: 1003
Program Name: System Performance Check at Body 5800 MHz
Ambient Temp.: 25 deg. C; Liquid Temp.: 23 deg. C

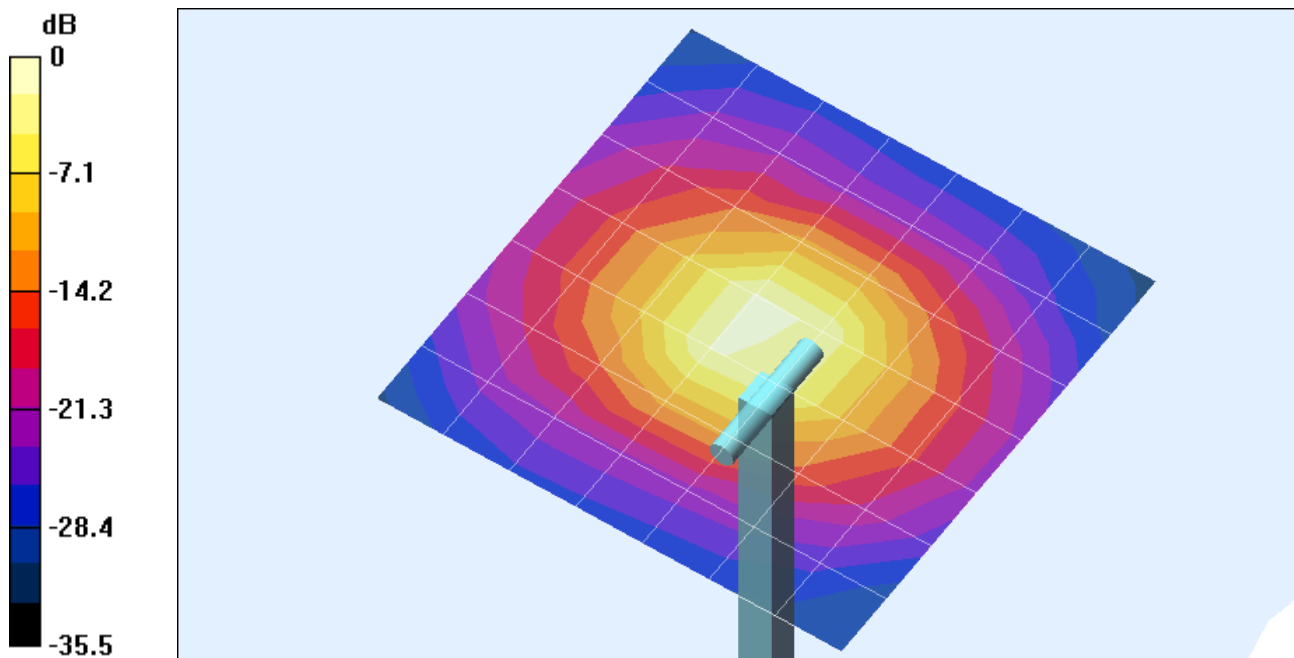
Communication System: CW 5800MHz; Frequency: 5800 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 5800$ MHz; $\sigma = 6.21$ mho/m; $\epsilon_r = 46.5$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3531; ConvF(4.64, 4.64, 4.64); Calibrated: 7/18/2004
- Sensor-Surface: 1.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 12/23/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

d=10mm, Pin=250mW/Area Scan (8x8x1): Measurement grid: dx=10mm, dy=10mm
 Reference Value = 93.1 V/m; Power Drift = 0.1 dB
 Maximum value of SAR (measured) = 24.8 mW/g

d=10mm, Pin=250mW/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
 Reference Value = 93.1 V/m; Power Drift = 0.1 dB
 Maximum value of SAR (measured) = 40.1 mW/g
 Peak SAR (extrapolated) = 73.4 W/kg
SAR(1 g) = 17 mW/g; SAR(10 g) = 4.76 mW/g



0 dB = 40.1 mW/g

Test Laboratory: Compliance Certification Services

File Name: [D5GHzV2_M5800_072804.da4](#)

DUT: Dipole 5200-5800MHz; Type: D5GHzV2; Serial: 1003

Program Name: System Performance Check at Body 5800 MHz

Communication System: CW 5800MHz; Frequency: 5800 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5800$ MHz; $\sigma = 6.21$ mho/m; $\epsilon_r = 46.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

d=10mm, Pin=250mW/Z Scan (1x1x41): Measurement grid: dx=20mm, dy=20mm, dz=2.5mm

Reference Value = 93.1 V/m; Power Drift = 0.1 dB

Maximum value of SAR (measured) = 23.8 mW/g

