Date/Time: 08/04/04 11:56:28

Test Laboratory: Compliance Certification Services
File Name: D5GHzV2_M5200_080404.da4

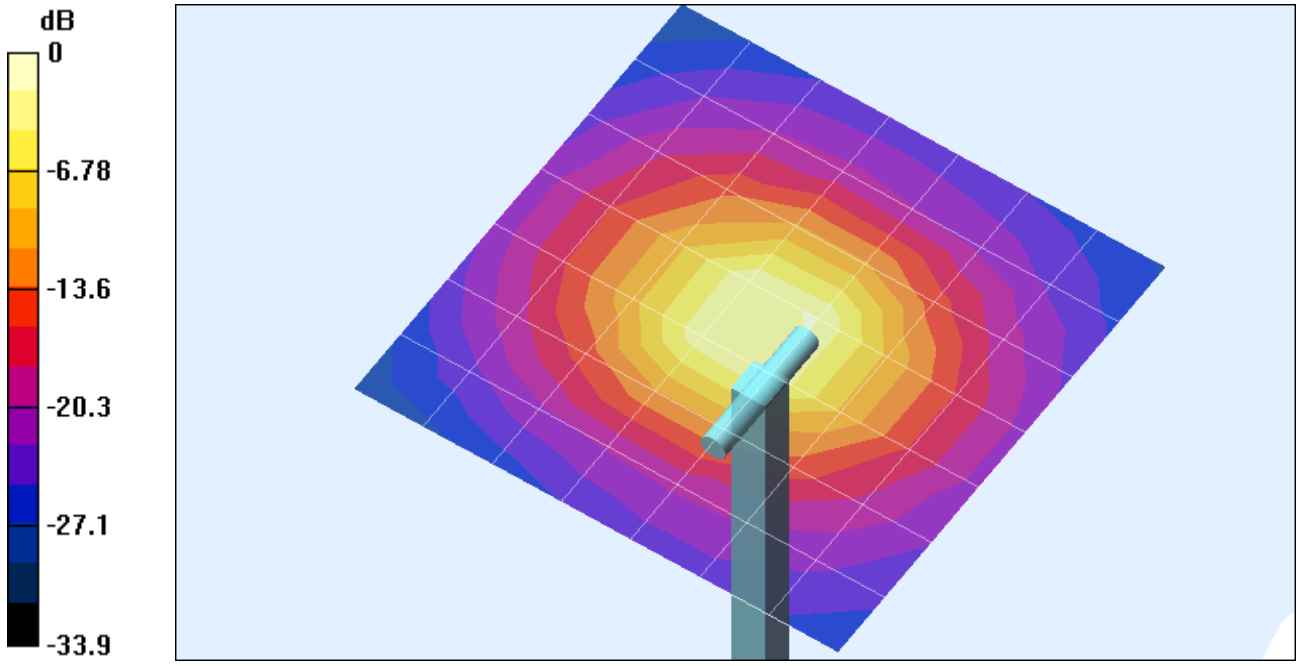
DUT: Dipole 5200-5800MHz; Type: D5GHzV2; Serial: 1003
Program Name: System Performance Check at Body 5200 MHz
Ambient Temp.: 25deg. C; Liquid Temp.: 23 deg. C

Communication System: CW 5200MHz; Frequency: 5200 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5200 MHz; σ = 5.37 mho/m; ε_r = 49; ρ = 1000 kg/m^3
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 = 102.6 V/m; Power Drift = -0.1 dB
Maximum value of SAR (measured) = 24.2 mW/g

d=10mm, Pin=250mW/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 102.6 V/m; Power Drift = -0.1 dB
Maximum value of SAR (measured) = 39.9 mW/g
Peak SAR (extrapolated) = 66.4 W/kg
SAR(1 g) = 18.2 mW/g; SAR(10 g) = 5.18 mW/g



0 dB = 39.9mW/g

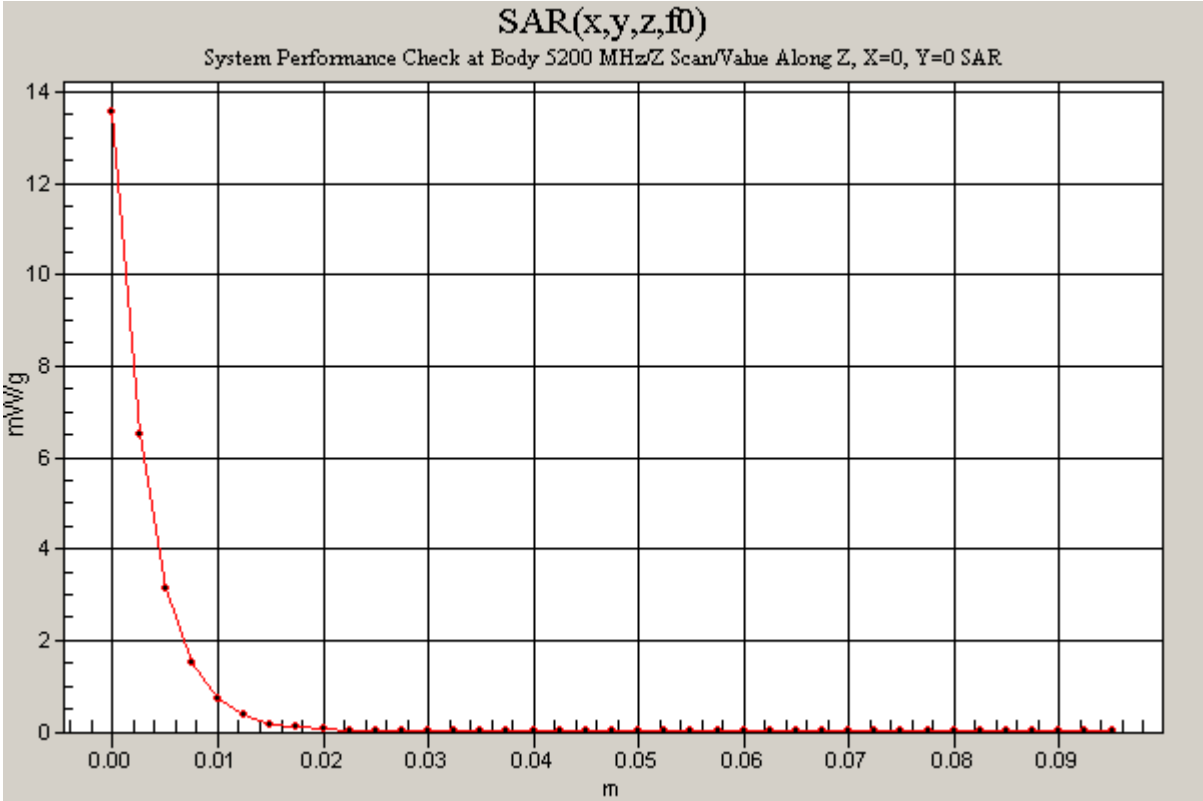
Date/Time: 08/04/04 11:56:28

Test Laboratory: Compliance Certification Services
File Name: D5GHzV2_M5200_080404.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; σ = 5.37 mho/m; ε_r = 49; ρ = 1000 kg/m^3
Phantom section: Flat Section

d=10mm, Pin=250mW/Z Scan (1x1x41): Measurement grid: dx=20mm, dy=20mm, dz=2.5mm
Reference Value = 102.6 V/m; Power Drift = -0.0 dB
Maximum value of SAR (measured) = 13.6 mW/g



Date/Time: 08/05/04 08:51:13

Test Laboratory: Compliance Certification Services
File Name: D5GHzV2_M5200_080504.da4

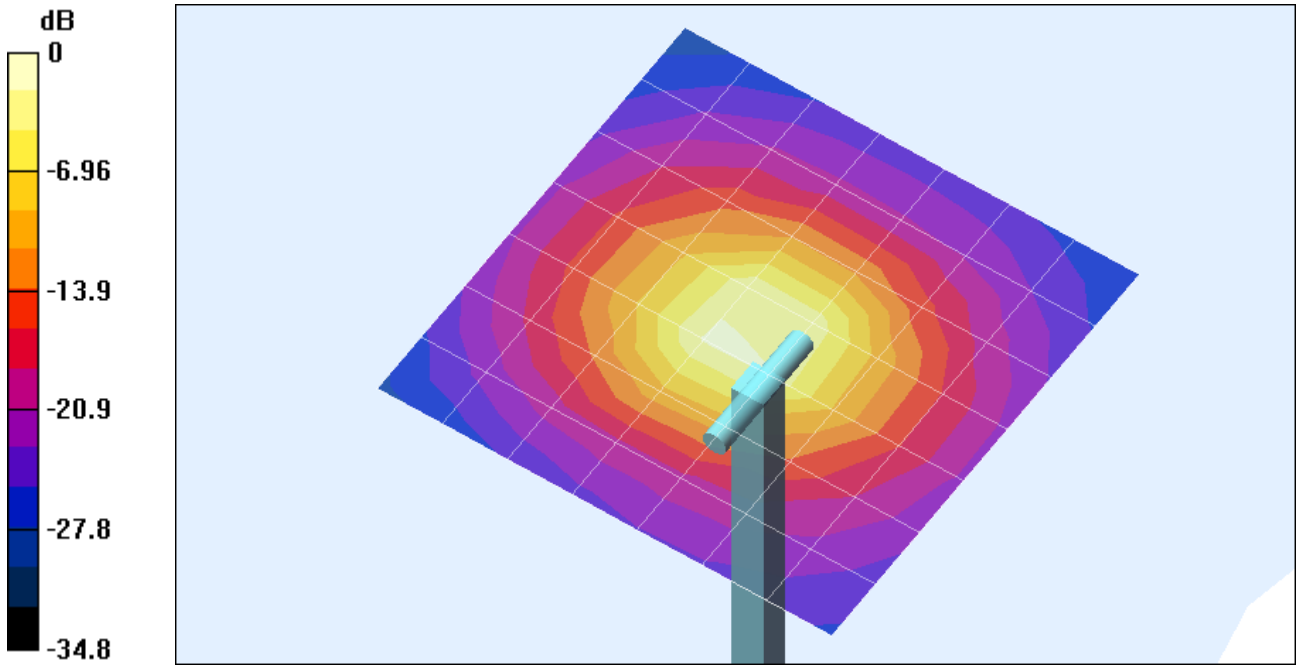
DUT: Dipole 5200-5800MHz; Type: D5GHzV2; Serial: 1003
Program Name: System Performance Check at Body 5200 MHz
Ambient Temp.: 25 deg. C; Liquid Temp.: 23 deg. C

Communication System: CW 5200MHz; Frequency: 5200 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5200 MHz; σ = 5.41 mho/m; ε_r = 48.5; ρ = 1000 kg/m^3
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 = 101.8 V/m; Power Drift = -0.0 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 = 101.8 V/m; Power Drift = -0.0 dB
Maximum value of SAR (measured) = 39.2 mW/g
Peak SAR (extrapolated) = 64.3 W/kg
SAR(1 g) = 17.8 mW/g; SAR(10 g) = 5.09 mW/g



0 dB = 39.2mW/g

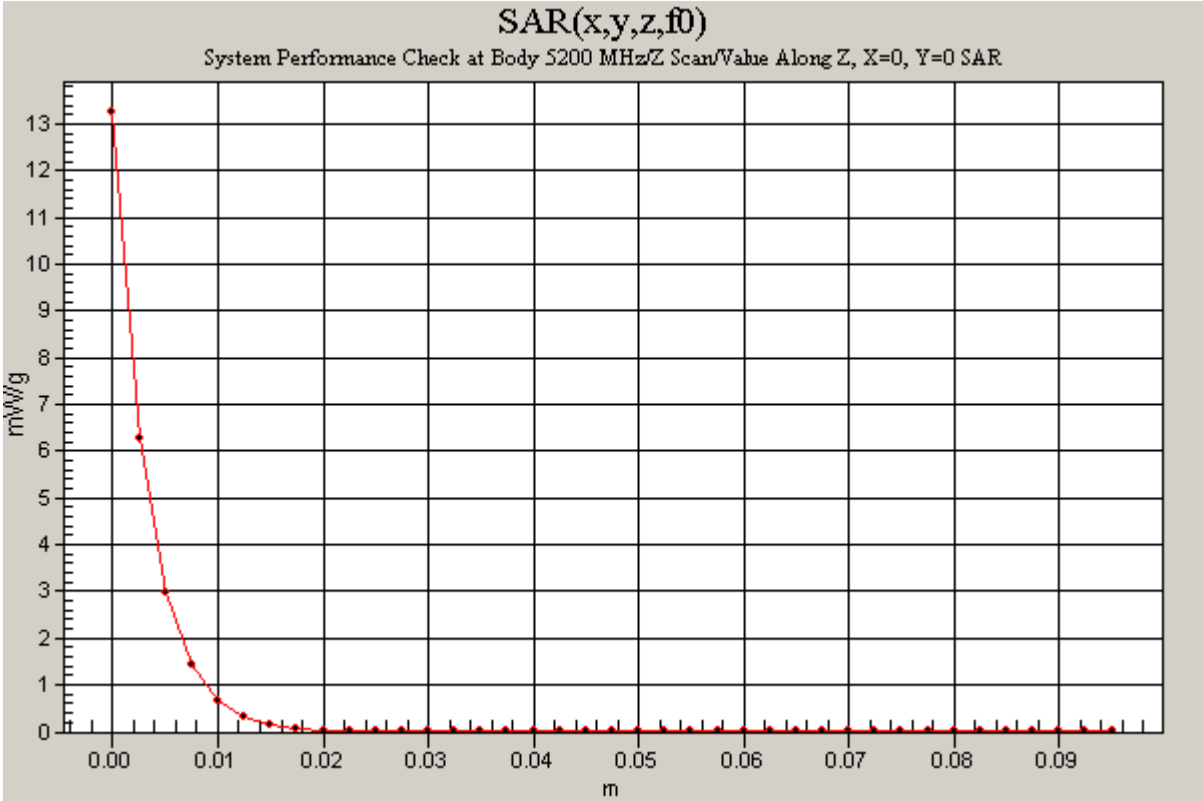
Date/Time: 08/05/04 08:51:13

Test Laboratory: Compliance Certification Services
File Name: D5GHzV2_M5200_080504.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; σ = 5.41 mho/m; ε_r = 48.5; ρ = 1000 kg/m^3
Phantom section: Flat Section

d=10mm, Pin=250mW/Z Scan (1x1x41): Measurement grid: dx=20mm, dy=20mm, dz=2.5mm
Reference Value = 101.8 V/m; Power Drift = -0.1 dB
Maximum value of SAR (measured) = 13.3 mW/g



Date/Time: 08/05/04 14:02:07

Test Laboratory: Compliance Certification Services
File Name: D5GHzV2_M5800_080504.da4

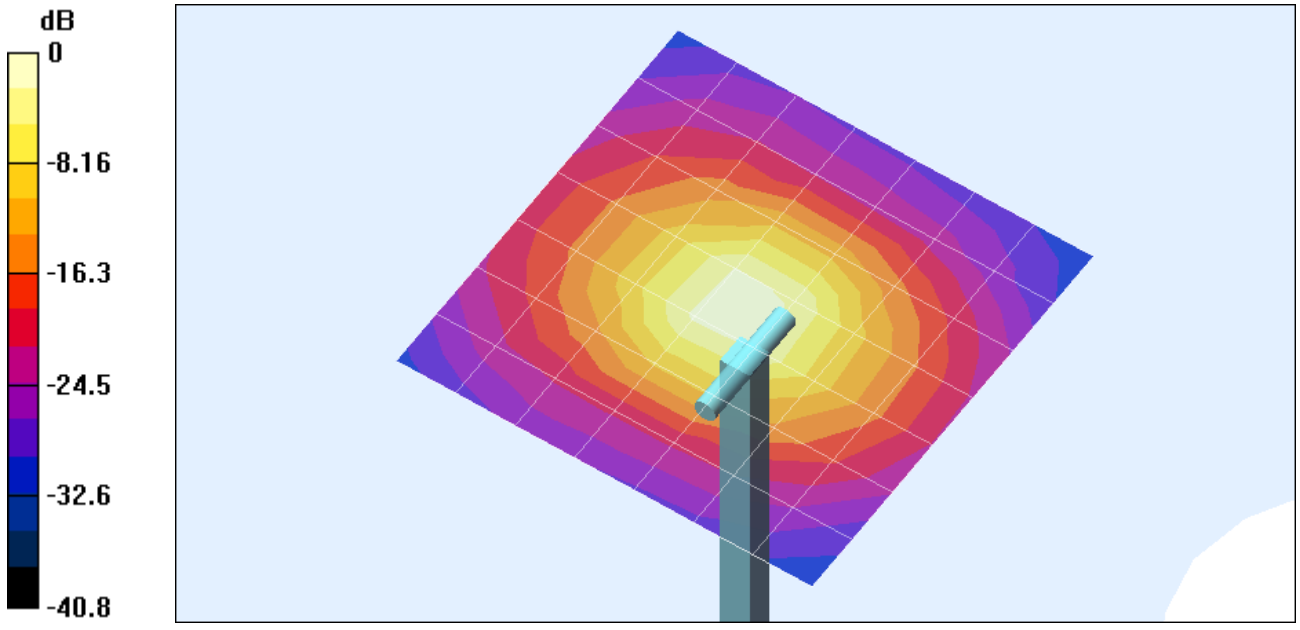
DUT: Dipole 5200-5800MHz; Type: D5GHzV2; Serial: 1003
Program Name: System Performance Check at Body 5800 MHz
Ambient Temp.: 25 deg. C; Liquid Temp.: 23 deg. C

Communication System: CW 5800MHz; Frequency: 5800 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5800 MHz; σ = 6.24 mho/m; ε_r = 47.6; ρ = 1000 kg/m^3
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 = 95.6 V/m; Power Drift = -0.1 dB
Maximum value of SAR (measured) = 26.8 mW/g

d=10mm, Pin=250mW/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 95.6 V/m; Power Drift = -0.1 dB
Maximum value of SAR (measured) = 42.3 mW/g
Peak SAR (extrapolated) = 80 W/kg
SAR(1 g) = 18.2 mW/g; SAR(10 g) = 5.1 mW/g



0 dB = 42.3mW/g

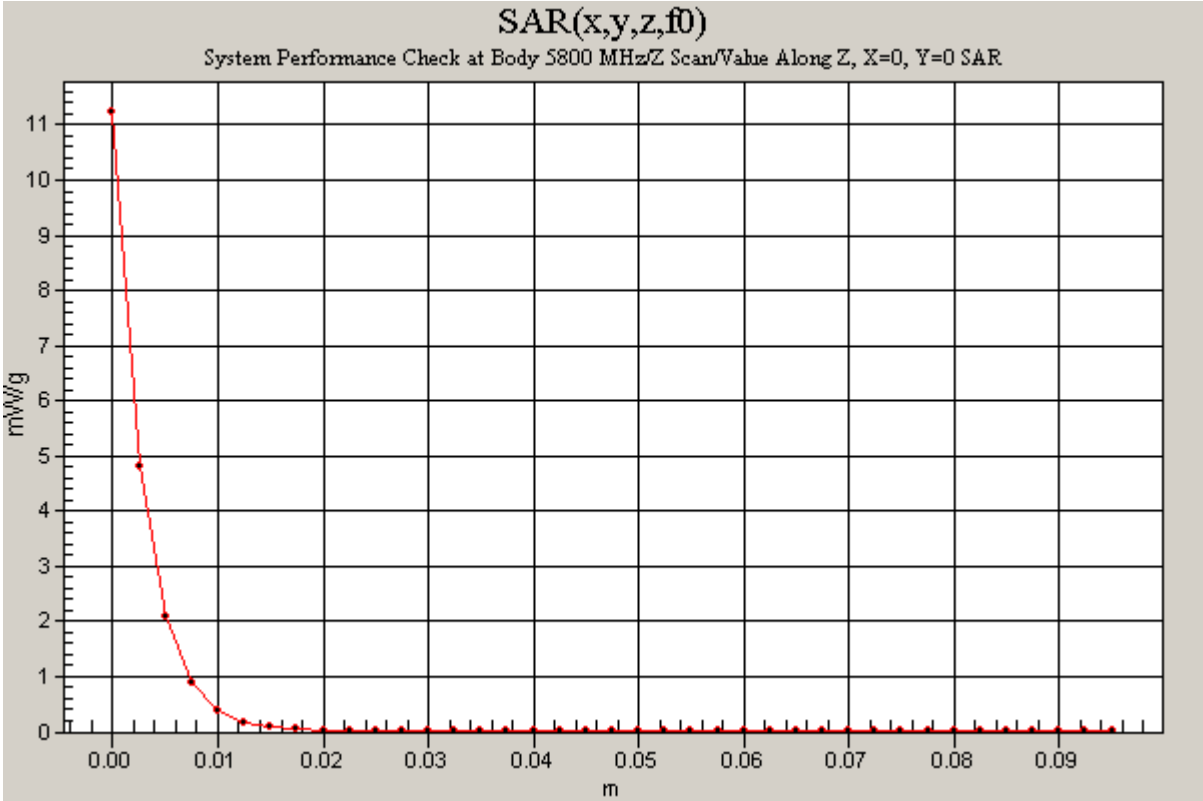
Date/Time: 08/05/04 14:02:07

Test Laboratory: Compliance Certification Services
File Name: D5GHzV2_M5800_080504.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; σ = 6.24 mho/m; ε_r = 47.6; ρ = 1000 kg/m^3
Phantom section: Flat Section

d=10mm, Pin=250mW/Z Scan (1x1x41): Measurement grid: dx=20mm, dy=20mm, dz=2.5mm
Reference Value = 95.6 V/m; Power Drift = -0.1 dB
Maximum value of SAR (measured) = 11.2 mW/g



Date/Time: 08/06/04 09:22:01

Test Laboratory: Compliance Certification Services
File Name: D5GHzV2_M5200_080604.da4

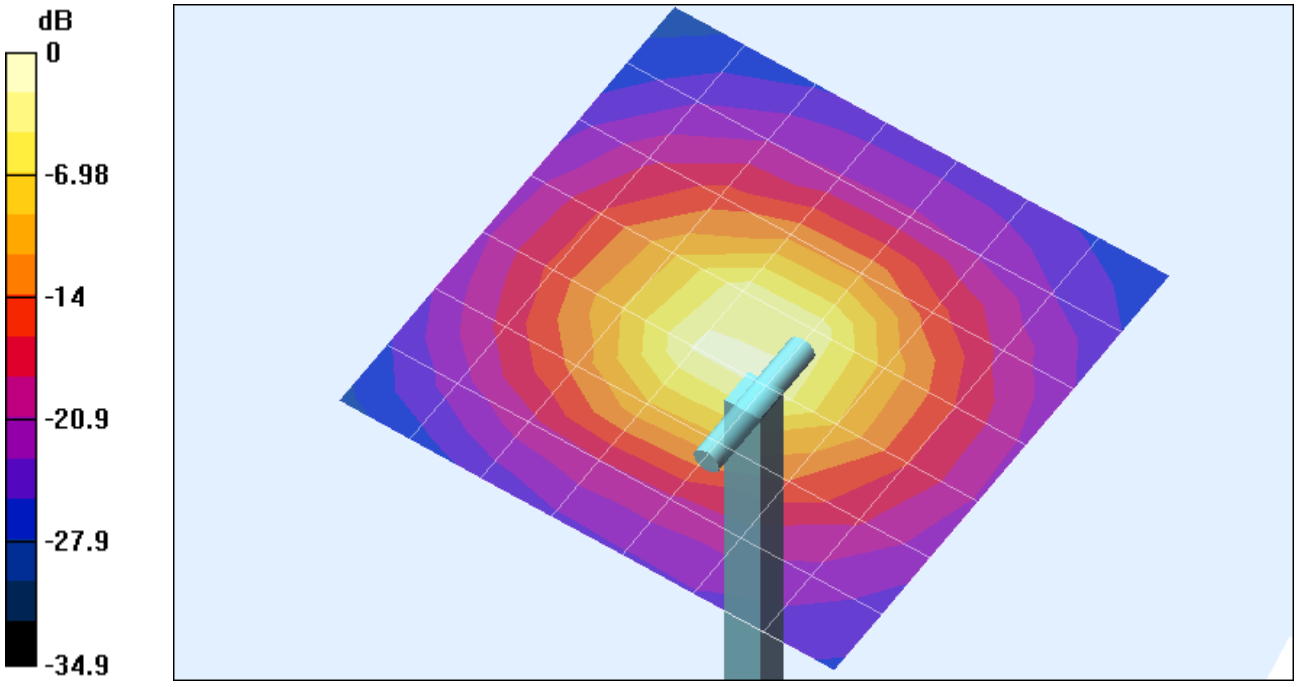
DUT: Dipole 5200-5800MHz; Type: D5GHzV2; Serial: 1003
Program Name: System Performance Check at Body 5200 MHz
Ambient Temp.: 25 deg. C; Liquid Temp.: 23 deg. C

Communication System: CW 5200MHz; Frequency: 5200 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5200 MHz; σ = 5.39 mho/m; ε_r = 48.3; ρ = 1000 kg/m^3
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 = 99.8 V/m; Power Drift = -0.0 dB
Maximum value of SAR (measured) = 24.9 mW/g

d=10mm, Pin=250mW/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 99.8 V/m; Power Drift = -0.0 dB
Maximum value of SAR (measured) = 38.5 mW/g
Peak SAR (extrapolated) = 65.3 W/kg
SAR(1 g) = 17.8 mW/g; SAR(10 g) = 5.04 mW/g



0 dB = 38.5mW/g

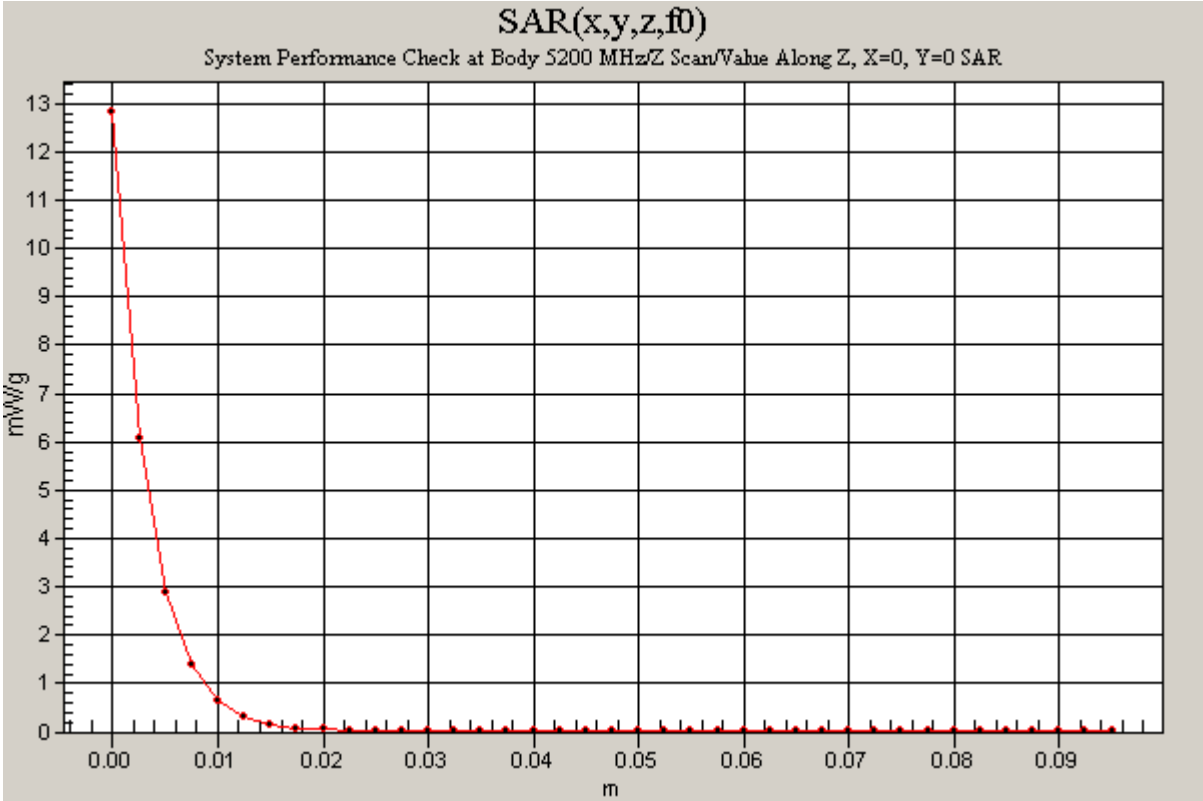
Date/Time: 08/06/04 09:22:01

Test Laboratory: Compliance Certification Services
File Name: D5GHzV2_M5200_080604.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; σ = 5.39 mho/m; ε_r = 48.3; ρ = 1000 kg/m^3
Phantom section: Flat Section

d=10mm, Pin=250mW/Z Scan (1x1x41): Measurement grid: dx=20mm, dy=20mm, dz=2.5mm
Reference Value = 99.8 V/m; Power Drift = -0.0 dB
Maximum value of SAR (measured) = 12.8 mW/g



Date/Time: 08/06/04 09:56:30

Test Laboratory: Compliance Certification Services
File Name: D5GHzV2_M5800_080604.da4

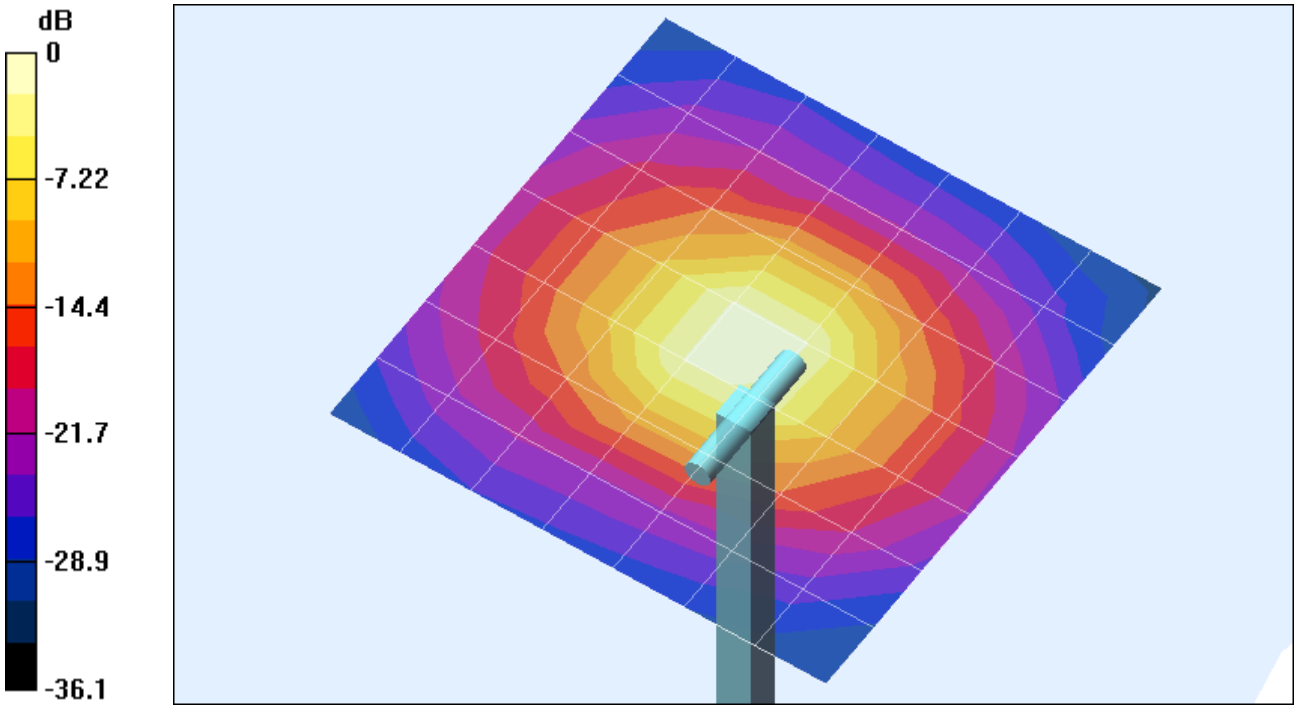
DUT: Dipole 5200-5800MHz; Type: D5GHzV2; Serial: 1003
Program Name: System Performance Check at Body 5800 MHz
Ambient Temp.: 25 deg. C; Liquid Temp.: 23 deg. C

Communication System: CW 5800MHz; Frequency: 5800 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5800 MHz; σ = 6.22 mho/m; ε_r = 47.4; ρ = 1000 kg/m^3
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 = 92.9 V/m; Power Drift = -0.1 dB
Maximum value of SAR (measured) = 23.7 mW/g

d=10mm, Pin=250mW/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 92.9 V/m; Power Drift = -0.1 dB
Maximum value of SAR (measured) = 38.5 mW/g
Peak SAR (extrapolated) = 71.5 W/kg
SAR(1 g) = 16.7 mW/g; SAR(10 g) = 4.7 mW/g



0 dB = 38.5mW/g

Date/Time: 08/06/04 09:56:30

Test Laboratory: Compliance Certification Services
File Name: D5GHzV2_M5800_080604.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; σ = 6.22 mho/m; ε_r = 47.4; ρ = 1000 kg/m^3
Phantom section: Flat Section

d=10mm, Pin=250mW/Z Scan (1x1x41): Measurement grid: dx=20mm, dy=20mm, dz=2.5mm
Reference Value = 92.9 V/m; Power Drift = -0.1 dB
Maximum value of SAR (measured) = 10.4 mW/g