

Test Laboratory: Compliance Certification Services  
File Name: [3-1\\_Host # 3\\_HP\\_nx9000\\_Ant\\_Closed.da4](#)

**DUT: Kyocera; Type: UTC1900D-US-A; Serial: 0404A03766**  
**Program Name: 3-1\_Host #3\_HP\_nx9000\_Ant Closed**  
**Ambient Temp.: 24.0 deg. C; Liquid Temp.: 23.0 deg. C**

Communication System: 1900; Frequency: 1900.31 MHz; Duty Cycle: 1:3.003  
Medium parameters used (interpolated):  $f = 1900.31$  MHz;  $\sigma = 1.57$  mho/m;  $\epsilon_r = 53.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

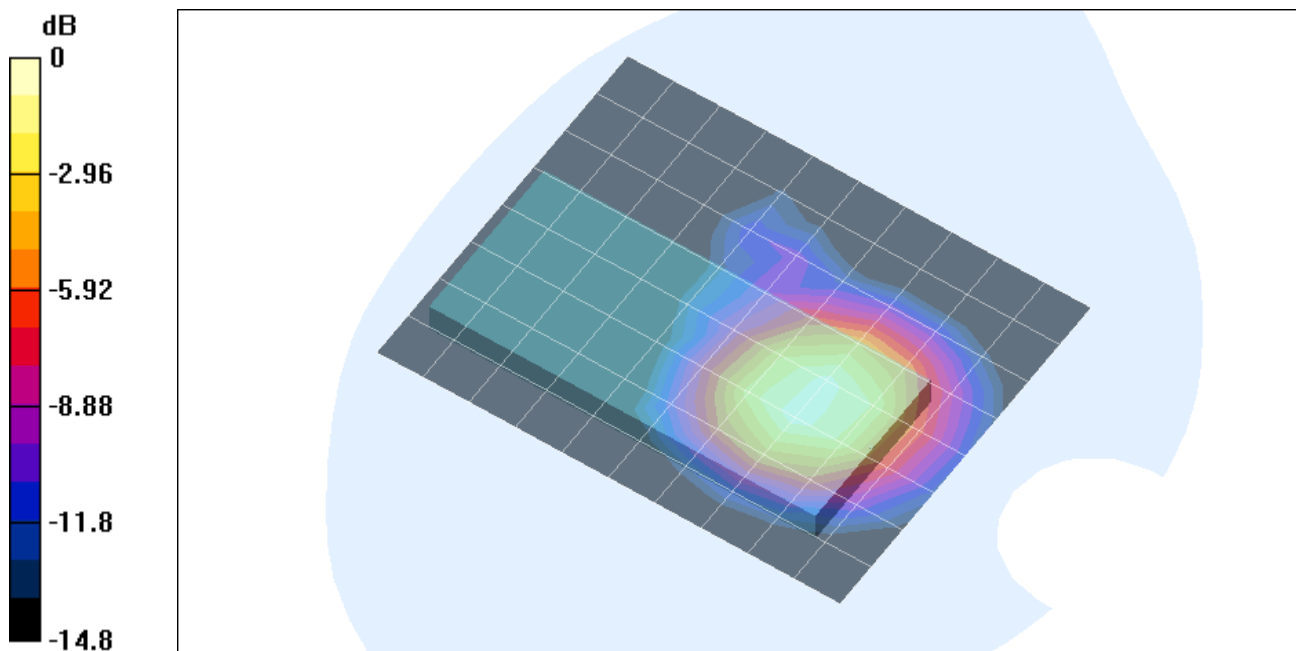
DASY4 Configuration:  
- Probe: ES3DV2 - SN3021; ConvF(4.8, 4.8, 4.8); Calibrated: 7/29/2003  
- Sensor-Surface: 4mm (Mechanical Surface Detection)  
- Electronics: DAE3 Sn500; Calibrated: 12/23/2003  
- Phantom: SAM 2; Type: SAM 2; Serial: 1050  
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

**L-ch/Area Scan (11x9x1):** Measurement grid: dx=15mm, dy=15mm  
Reference Value = 12.7 V/m; Power Drift = -0.2 dB  
Maximum value of SAR (measured) = 0.450 mW/g

[Info: Interpolated medium parameters used for SAR evaluation!](#)

**L-ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm  
Reference Value = 12.7 V/m; Power Drift = -0.2 dB  
Maximum value of SAR (measured) = 0.486 mW/g  
Peak SAR (extrapolated) = 0.679 W/kg  
**SAR(1 g) = 0.445 mW/g; SAR(10 g) = 0.271 mW/g**

[Info: Interpolated medium parameters used for SAR evaluation!](#)



0 dB = 0.486mW/g

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**DUT: Kyocera; Type: UTC1900D-US-A; Serial: 0404A03766**  
**Program Name: 3-1\_Host #3\_HP\_nx9000\_Ant Closed**  
**Ambient Temp.: 24.0 deg. C; Liquid Temp.: 23.0 deg. C**

Communication System: 1900; Frequency: 1904.69 MHz; Duty Cycle: 1:3.003  
Medium parameters used (interpolated):  $f = 1904.69$  MHz;  $\sigma = 1.56$  mho/m;  $\epsilon_r = 53.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

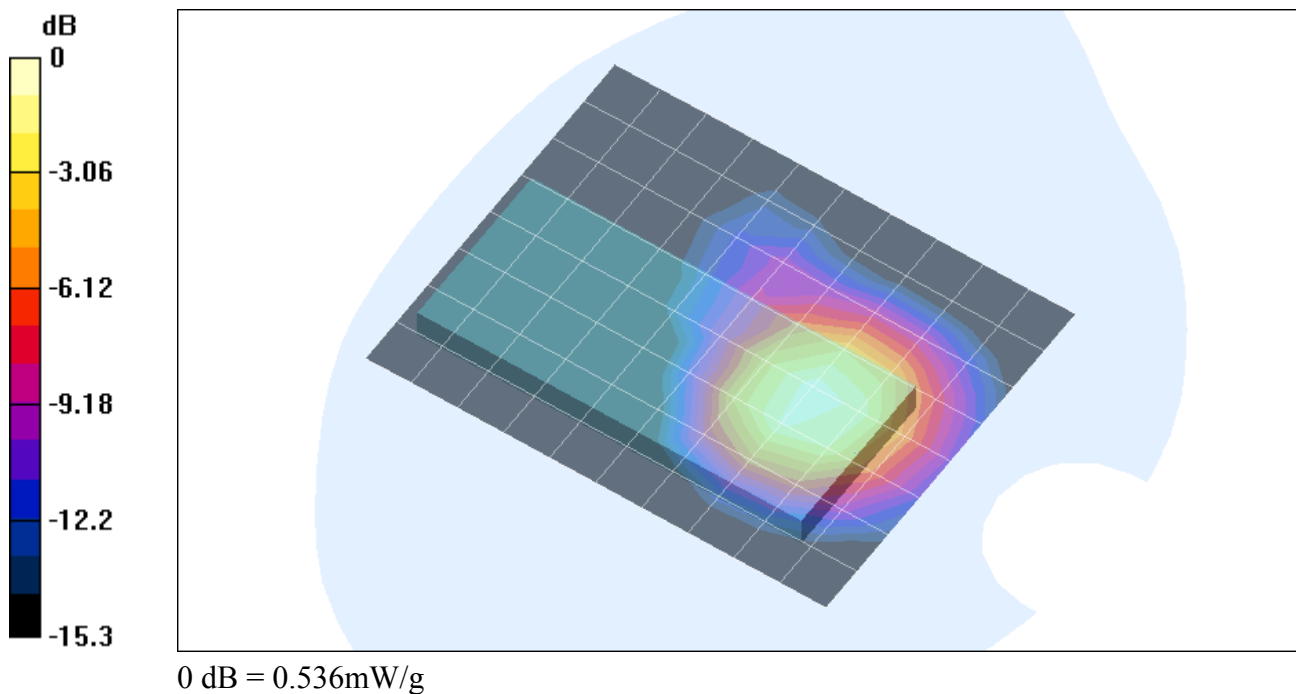
DASY4 Configuration:  
- Probe: ES3DV2 - SN3021; ConvF(4.8, 4.8, 4.8); Calibrated: 7/29/2003  
- Sensor-Surface: 4mm (Mechanical Surface Detection)  
- Electronics: DAE3 Sn500; Calibrated: 12/23/2003  
- Phantom: SAM 2; Type: SAM 2; Serial: 1050  
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

**M-ch/Area Scan (11x9x1):** Measurement grid: dx=15mm, dy=15mm  
Reference Value = 12.8 V/m; Power Drift = -0.13 dB  
Maximum value of SAR (measured) = 0.488 mW/g

[Info: Interpolated medium parameters used for SAR evaluation!](#)

**M-ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm  
Reference Value = 12.8 V/m; Power Drift = -0.13 dB  
Maximum value of SAR (measured) = 0.536 mW/g  
Peak SAR (extrapolated) = 0.747 W/kg  
**SAR(1 g) = 0.492 mW/g; SAR(10 g) = 0.300 mW/g**

[Info: Interpolated medium parameters used for SAR evaluation!](#)



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**DUT: Kyocera; Type: UTC1900D-US-A; Serial: 0404A03766**  
**Program Name: 3-1\_Host #3\_HP\_nx9000\_Ant Closed**  
**Ambient Temp.: 24.0 deg. C; Liquid Temp.: 23.0 deg. C**

Communication System: 1900; Frequency: 1909.69 MHz; Duty Cycle: 1:3.003

Medium parameters used (interpolated):  $f = 1909.69$  MHz;  $\sigma = 1.57$  mho/m;  $\epsilon_r = 53.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3021; ConvF(4.8, 4.8, 4.8); Calibrated: 7/29/2003
- Sensor-Surface: 4mm (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

**H-ch/Area Scan (11x9x1):** Measurement grid: dx=15mm, dy=15mm

Reference Value = 13.5 V/m; Power Drift = -0.2 dB

Maximum value of SAR (measured) = 0.511 mW/g

[Info: Interpolated medium parameters used for SAR evaluation!](#)

**H-ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

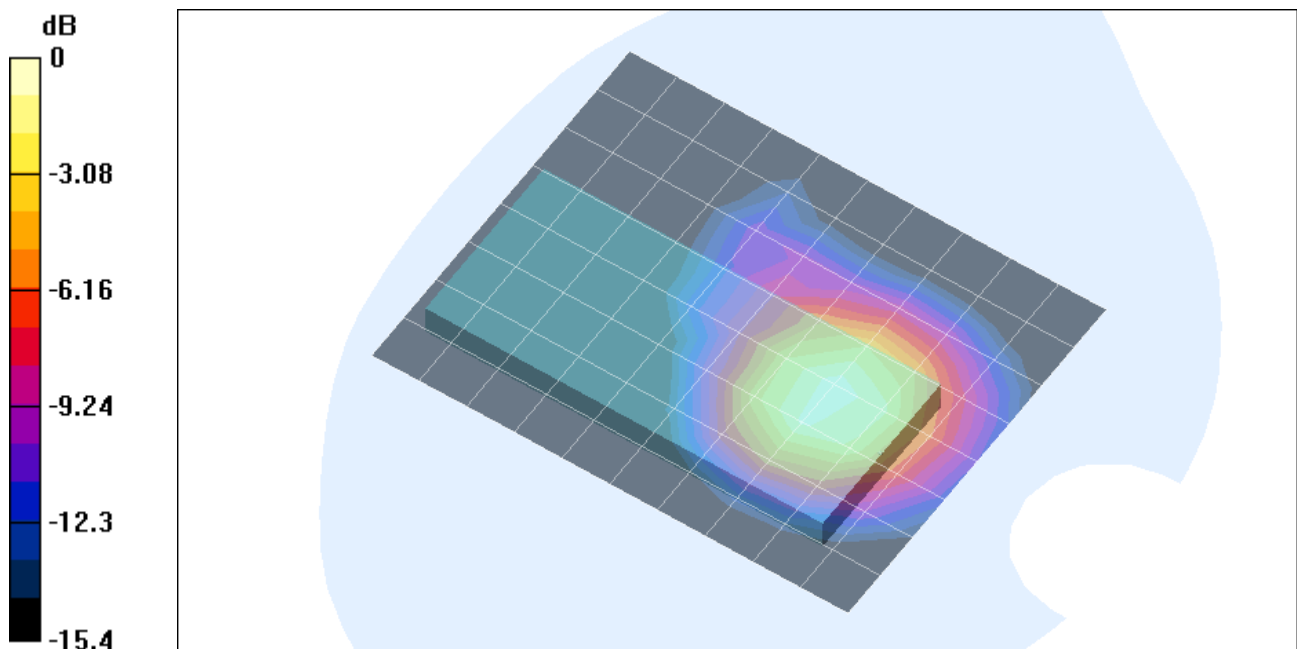
Reference Value = 13.5 V/m; Power Drift = -0.2 dB

Maximum value of SAR (measured) = 0.557 mW/g

Peak SAR (extrapolated) = 0.781 W/kg

**SAR(1 g) = 0.511 mW/g; SAR(10 g) = 0.312 mW/g**

[Info: Interpolated medium parameters used for SAR evaluation!](#)



0 dB = 0.557mW/g

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**Program Name: 3-1\_Host #3\_HP\_nx9000\_Ant Closed**

Communication System: 1900; Frequency: 1909.69 MHz; Duty Cycle: 1:3.003

Medium parameters used (interpolated):  $f = 1909.69$  MHz;  $\sigma = 1.57$  mho/m;  $\epsilon_r = 53.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

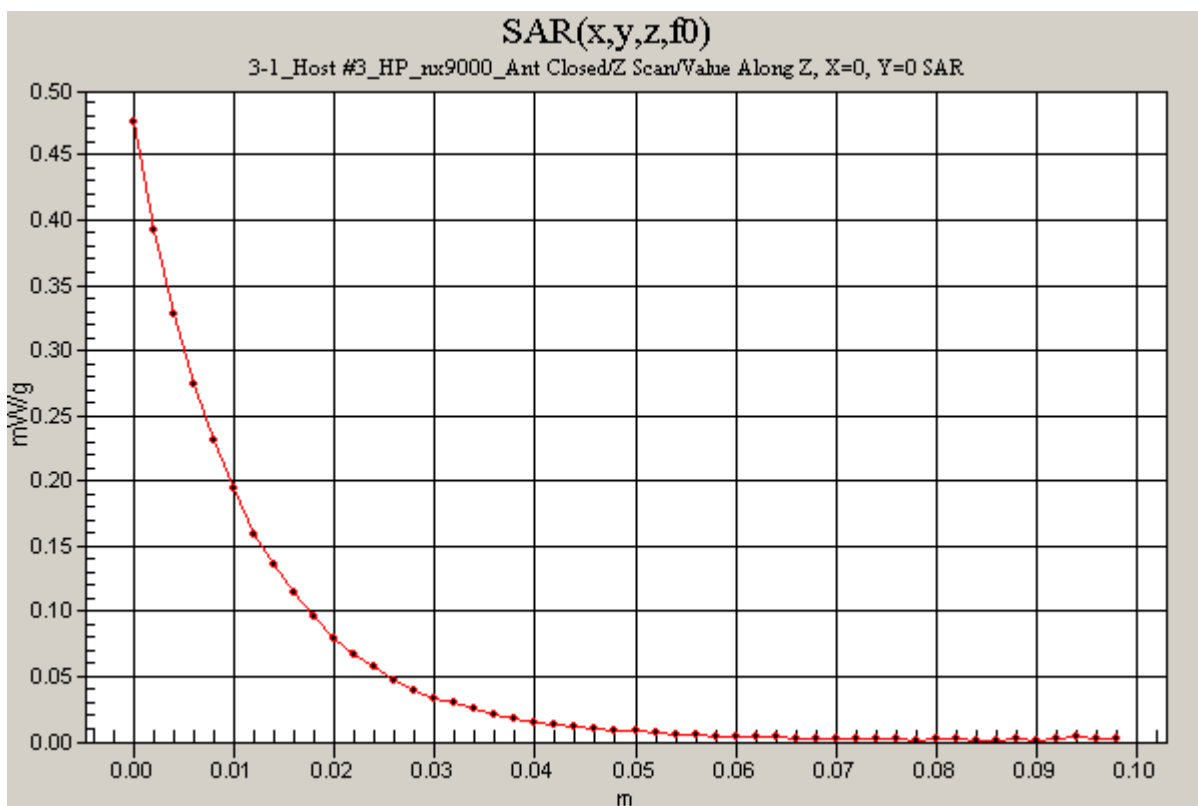
Phantom section: Flat Section

**H-ch/Z Scan (1x1x51):** Measurement grid: dx=20mm, dy=20mm, dz=2mm

Reference Value = 13.5 V/m; Power Drift = -0.2 dB

Maximum value of SAR (measured) = 0.475 mW/g

[Info: Interpolated medium parameters used for SAR evaluation!](#)



Test Laboratory: Compliance Certification Services  
 File Name: [3-2\\_Host #3\\_HP\\_nx9000\\_Ant\\_Vertical.da4](#)

**DUT: Kyocera; Type: UTC1900D-US-A; Serial: 0404A03766**  
**Program Name: 3-2\_Host #3\_HP\_nx9000\_Ant\_Vertical**  
**Ambient Temp.: 24.0 deg. C; Liquid Temp.: 23.0 deg. C**

Communication System: 1900; Frequency: 1904.69 MHz; Duty Cycle: 1:3.003

Medium parameters used (interpolated):  $f = 1904.69$  MHz;  $\sigma = 1.56$  mho/m;  $\epsilon_r = 53.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3021; ConvF(4.8, 4.8, 4.8); Calibrated: 7/29/2003
- Sensor-Surface: 4mm (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

**M-ch/Area Scan (11x9x1):** Measurement grid: dx=15mm, dy=15mm

Reference Value = 7.16 V/m; Power Drift = -0.2 dB

Maximum value of SAR (measured) = 0.097 mW/g

[Info: Interpolated medium parameters used for SAR evaluation!](#)

**M-ch/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

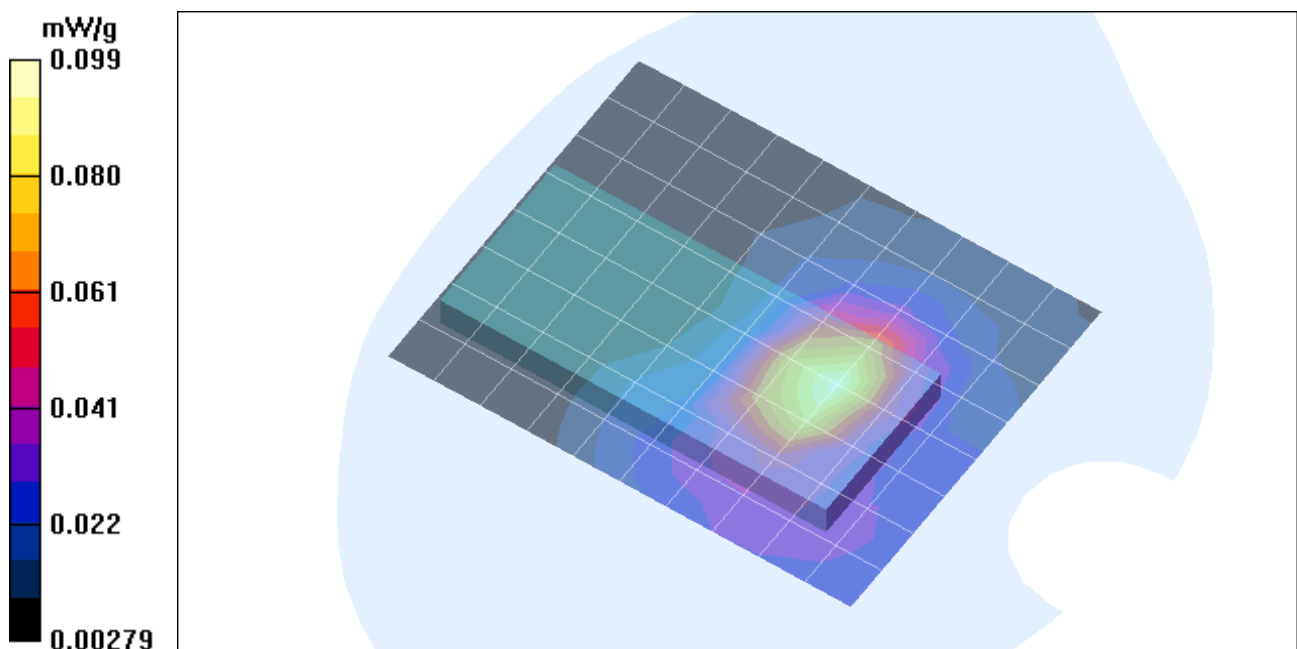
Reference Value = 7.16 V/m; Power Drift = -0.2 dB

Maximum value of SAR (measured) = 0.099 mW/g

Peak SAR (extrapolated) = 0.144 W/kg

**SAR(1 g) = 0.092 mW/g; SAR(10 g) = 0.057 mW/g**

[Info: Interpolated medium parameters used for SAR evaluation!](#)



Test Laboratory: Compliance Certification Services  
File Name: [3-2\\_Host #3\\_HP\\_nx9000\\_Ant\\_Vertical.da4](#)

**DUT: Kyocera; Type: UTC1900D-US-A; Serial: 0404A03766**  
**Program Name: 3-2\_Host #3\_HP\_nx9000\_Ant\_Vertical**

Communication System: 1900; Frequency: 1904.69 MHz; Duty Cycle: 1:3.003

Medium parameters used (interpolated):  $f = 1904.69$  MHz;  $\sigma = 1.56$  mho/m;  $\epsilon_r = 53.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

**M-ch/Z Scan (1x1x51):** Measurement grid: dx=20mm, dy=20mm, dz=2mm

Reference Value = 7.16 V/m; Power Drift = -0.2 dB

Maximum value of SAR (measured) = 0.087 mW/g

[Info: Interpolated medium parameters used for SAR evaluation!](#)

