

Test Laboratory: Compliance Certification Services
 File Name: [2-1_Host # 2 IBM_R32_Ant_Closed.da4](#)

DUT: Kyocera; Type: UTC1900D-US-A; Serial: 0404A03766
Program Name: 2-1_Host # 2 IBM_R32_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/m³

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 = 11.3 V/m; Power Drift = -0.13 dB

Maximum value of SAR (measured) = 0.392 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

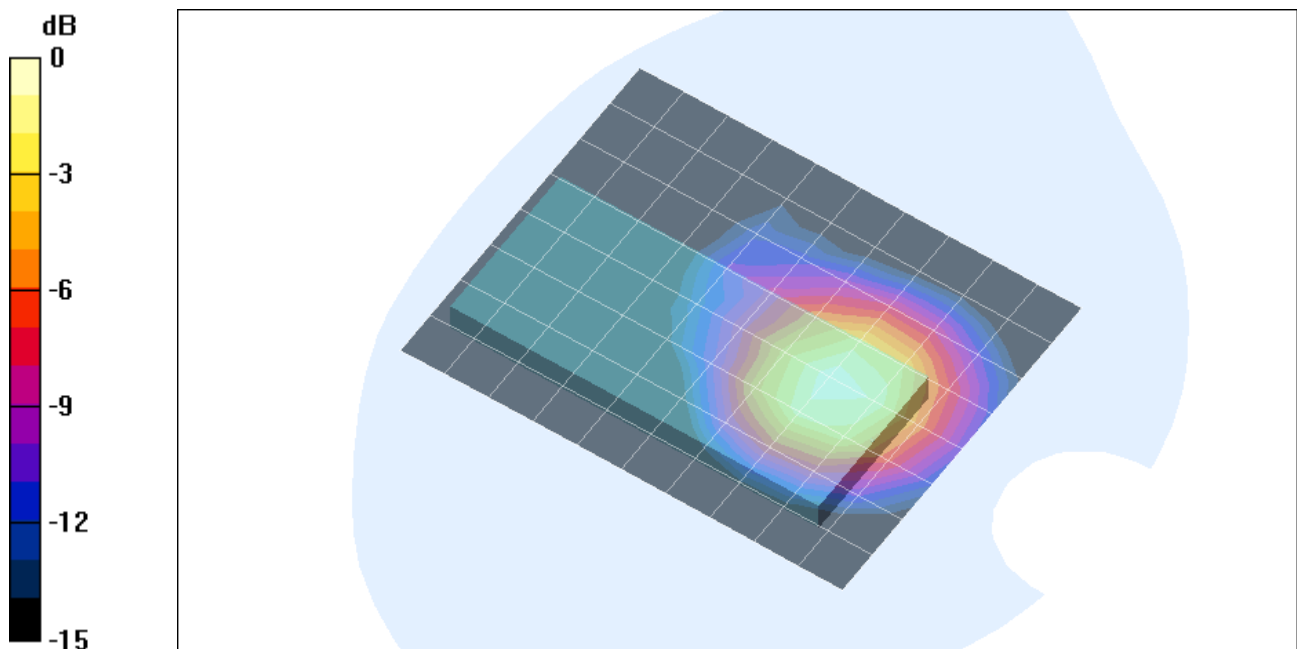
Reference Value = 11.3 V/m; Power Drift = -0.13 dB

Maximum value of SAR (measured) = 0.416 mW/g

Peak SAR (extrapolated) = 0.570 W/kg

SAR(1 g) = 0.382 mW/g; SAR(10 g) = 0.234 mW/g

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



0 dB = 0.416mW/g

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Program Name: 2-1_Host # 2 IBM_R32_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/m³

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

Reference Value = 10.8 V/m; Power Drift = 0.1 dB

Maximum value of SAR (measured) = 0.421 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

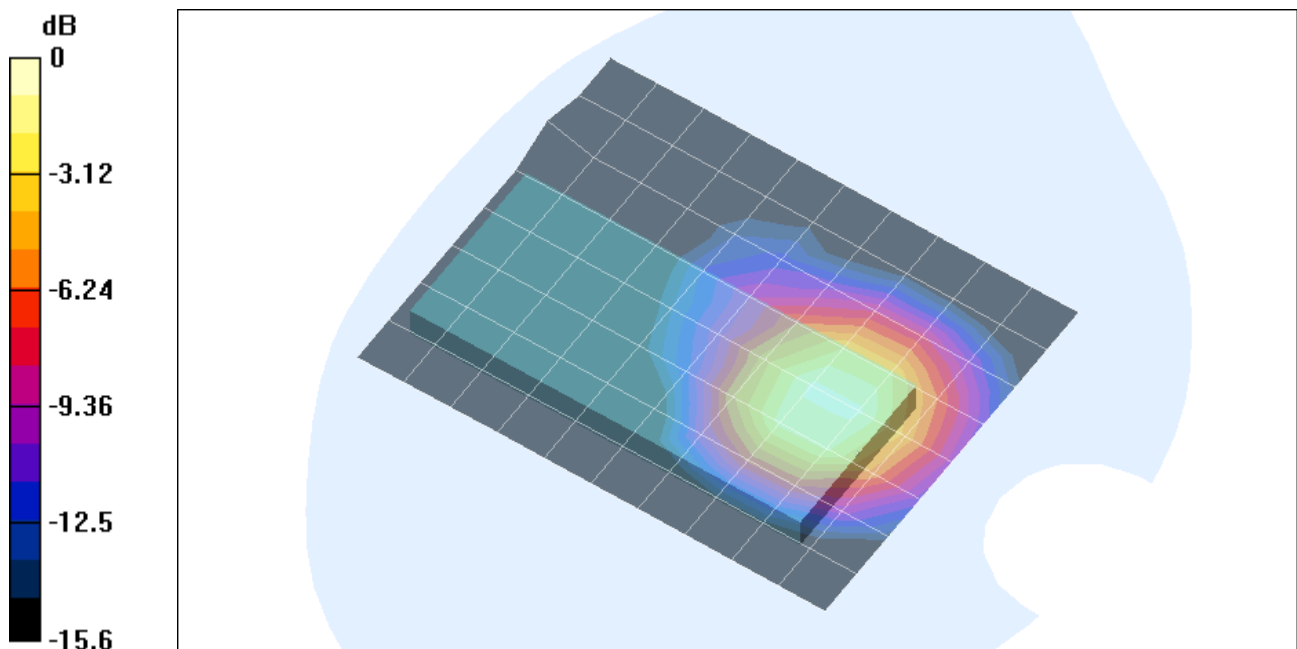
Reference Value = 10.8 V/m; Power Drift = 0.1 dB

Maximum value of SAR (measured) = 0.504 mW/g

Peak SAR (extrapolated) = 0.711 W/kg

SAR(1 g) = 0.463 mW/g; SAR(10 g) = 0.283 mW/g

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



0 dB = 0.504mW/g

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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/m³

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 = 12.7 V/m; Power Drift = 0.01 dB

Maximum value of SAR (measured) = 0.469 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

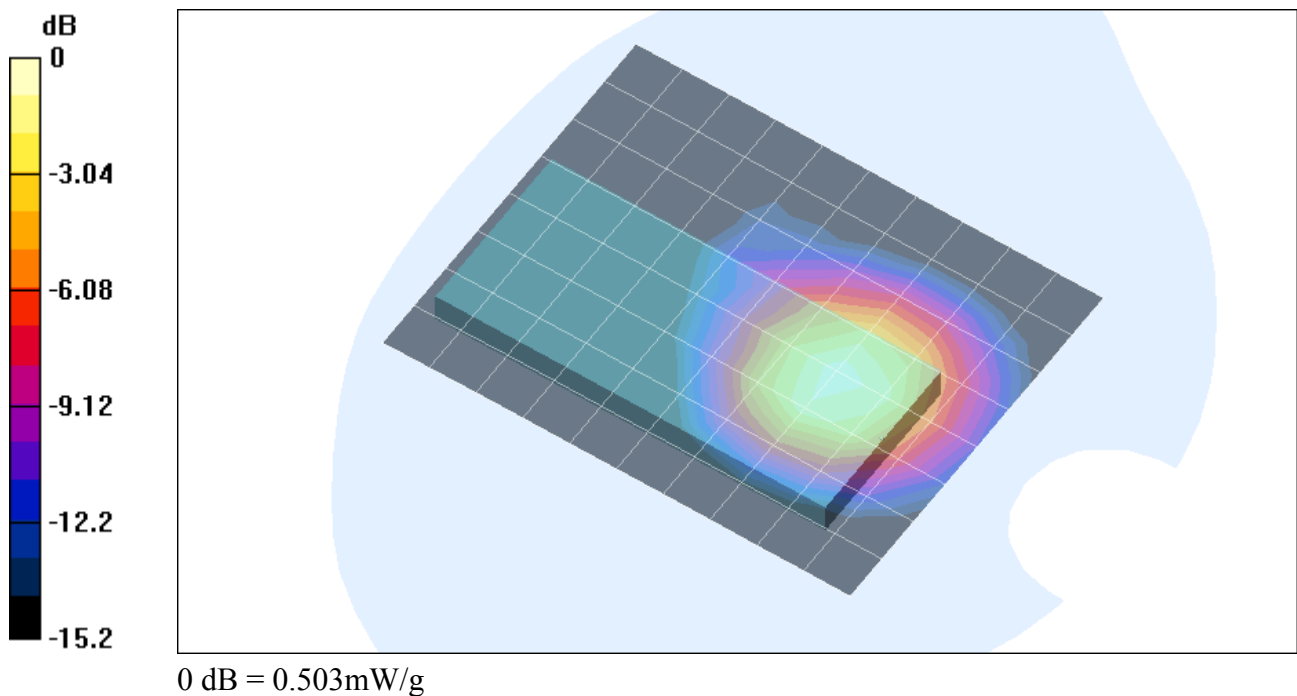
Reference Value = 12.7 V/m; Power Drift = 0.01 dB

Maximum value of SAR (measured) = 0.503 mW/g

Peak SAR (extrapolated) = 0.697 W/kg

SAR(1 g) = 0.463 mW/g; SAR(10 g) = 0.282 mW/g

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



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Medium parameters used (interpolated): $f = 1909.69$ MHz; $\sigma = 1.57$ mho/m; $\epsilon_r = 53.3$; $\rho = 1000$ kg/m³

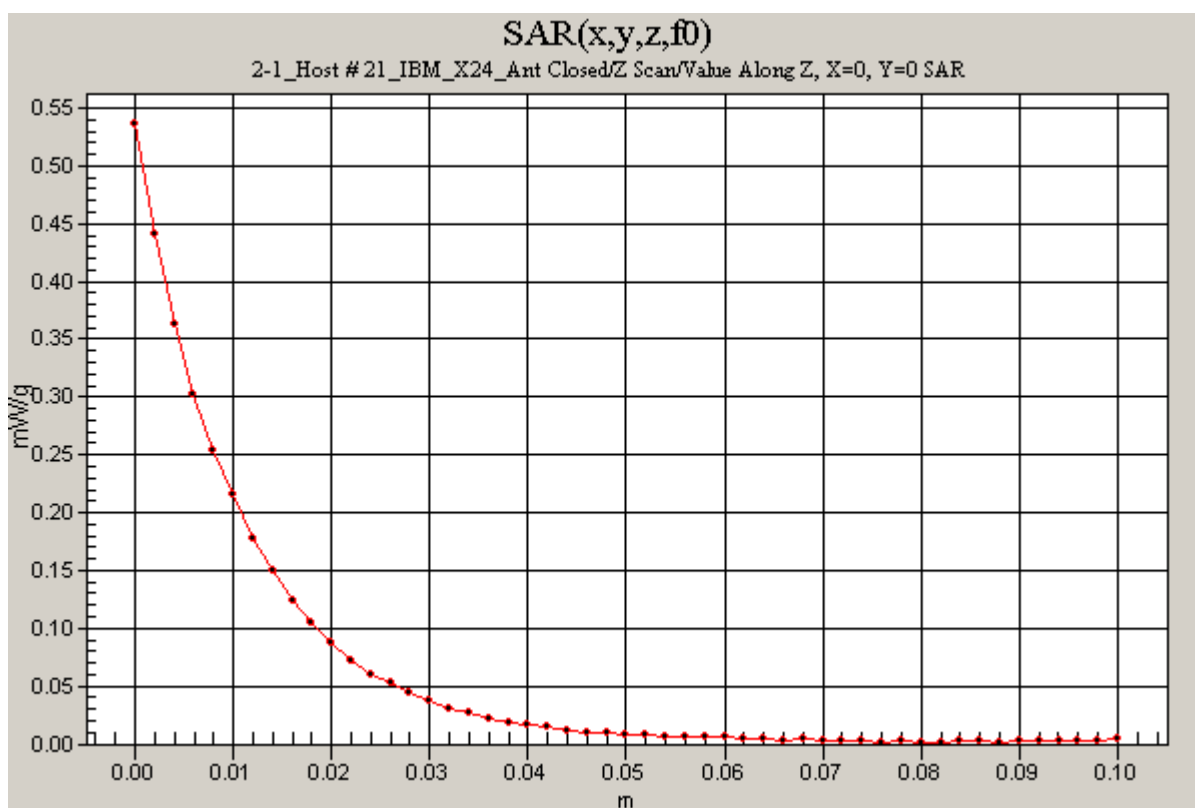
Phantom section: Flat Section

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

Reference Value = 12.7 V/m; Power Drift = 0.0 dB

Maximum value of SAR (measured) = 0.536 mW/g

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



Test Laboratory: Compliance Certification Services
 File Name: [2-2_Host # 2 IBM_R32_Ant_Vertical.da4](#)

DUT: Kyocera; Type: UTC1900D-US-A; Serial: 0404A03766
Program Name: 2-2_Host # 2 IBM_R32_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/m³

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 = 6.26 V/m; Power Drift = 0.1 dB

Maximum value of SAR (measured) = 0.113 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

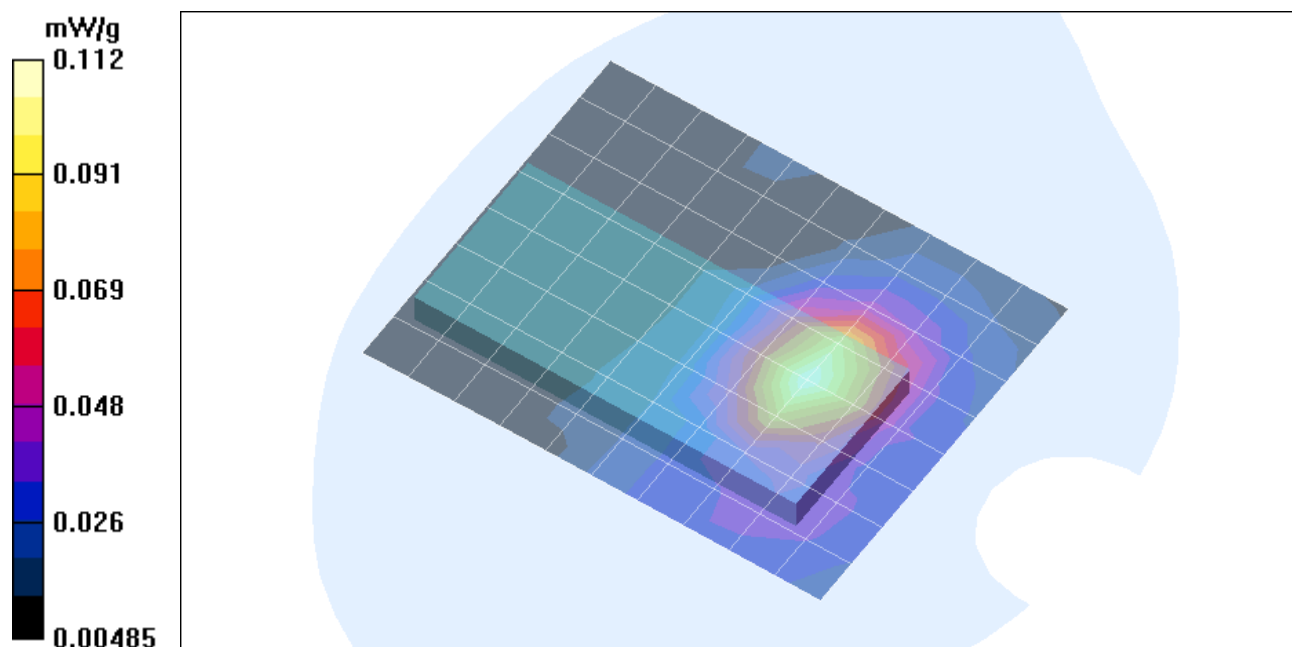
Reference Value = 6.26 V/m; Power Drift = 0.1 dB

Maximum value of SAR (measured) = 0.112 mW/g

Peak SAR (extrapolated) = 0.155 W/kg

SAR(1 g) = 0.104 mW/g; SAR(10 g) = 0.066 mW/g

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



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 File Name: [2-2_Host #2 IBM_R32_Ant_Vertical.da4](#)

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Medium parameters used (interpolated): $f = 1904.69$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r = 53.3$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Reference Value = 6.26 V/m; Power Drift = 0.1 dB

Maximum value of SAR (measured) = 0.118 mW/g

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

