

Test Laboratory: Compliance Certification Services

File Name: [1-1_Main Antenna \(HTL017\).da4](#)

DUT: Toshiba; Type: PA3375U-1MPC; Serial: N/A

Program Name: 1-1_Main Antenna (HTL017)

Ambient Temp.: 24.0 deg. C; Liquid Temp.: 23.0 deg. C

Communication System: 802.11a; Frequency: 5260 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 5260$ MHz; $\sigma = 5.55$ mho/m; $\epsilon_r = 48.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3023; ConvF(1.82, 1.82, 1.82); Calibrated: 9/23/2003

- Sensor-Surface: 3mm (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 (12x17x1): Measurement grid: dx=10mm, dy=10mm

L-ch/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 2.52 V/m; Power Drift = 0.3 dB

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

Peak SAR (extrapolated) = 0.087 W/kg

SAR(1 g) = 0.048 mW/g; SAR(10 g) = 0.043 mW/g

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

L-ch/Zoom Scan (7x7x8)/Cube 1: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

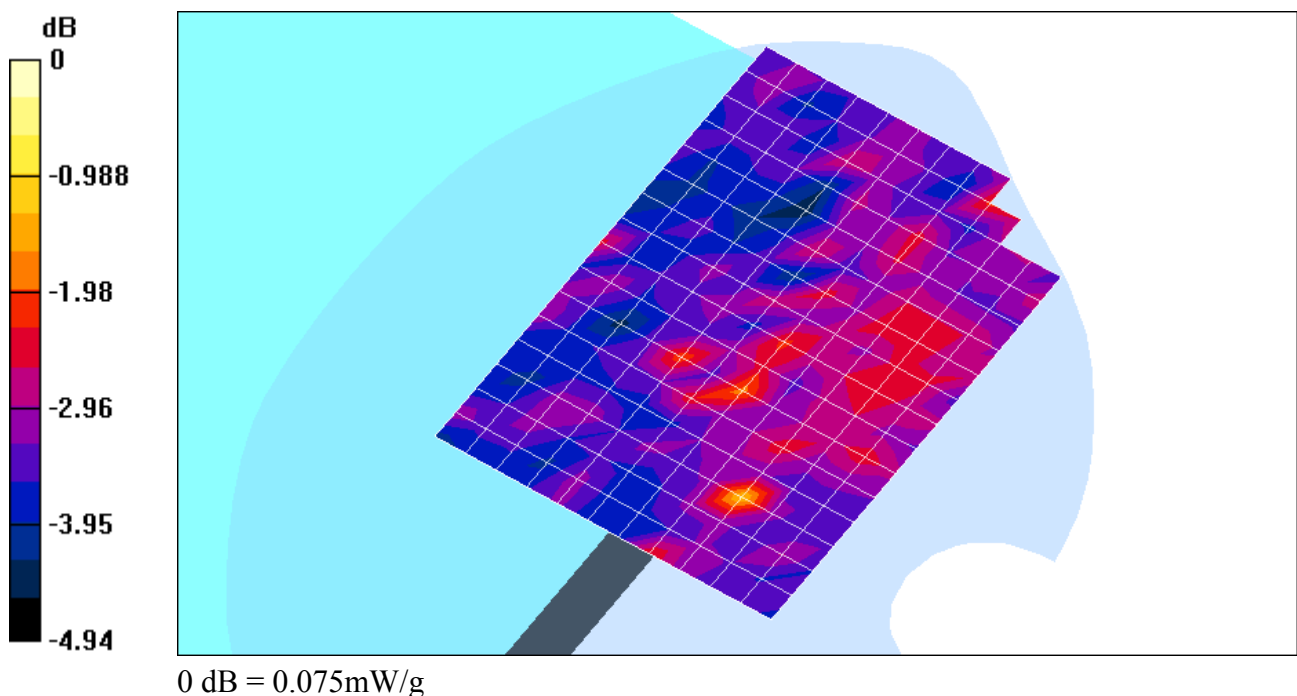
Reference Value = 2.52 V/m; Power Drift = 0.3 dB

Maximum value of SAR (measured) = 0.075 mW/g

Peak SAR (extrapolated) = 0.075 W/kg

SAR(1 g) = 0.048 mW/g; SAR(10 g) = 0.042 mW/g

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



Test Laboratory: Compliance Certification Services

File Name: [1-1_Main Antenna \(HTL017\).da4](#)

DUT: Toshiba; Type: PA3375U-1MPC; Serial: N/A

Program Name: 1-1_Main Antenna (HTL017)

Ambient Temp.: 26 deg. C; Liquid Temp.: 24.5 deg. C

Communication System: 802.11a; Frequency: 5785 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 5785 \text{ MHz}$; $\sigma = 6.23 \text{ mho/m}$; $\epsilon_r = 47.5$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3023; ConvF(1.5, 1.5, 1.5); Calibrated: 9/23/2003

- Sensor-Surface: 3mm (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 (12x17x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

M-ch/Zoom Scan (7x7x8)/Cube 0: Measurement grid: $dx=4.3\text{mm}$, $dy=4.3\text{mm}$, $dz=3\text{mm}$

Reference Value = 3.33 V/m; Power Drift = -0.12 dB

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

Peak SAR (extrapolated) = 1980676.9 W/kg

SAR(1 g) = 0.078 mW/g; SAR(10 g) = 0.057 mW/g

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

M-ch/Zoom Scan (7x7x8)/Cube 1: Measurement grid: $dx=4.3\text{mm}$, $dy=4.3\text{mm}$, $dz=3\text{mm}$

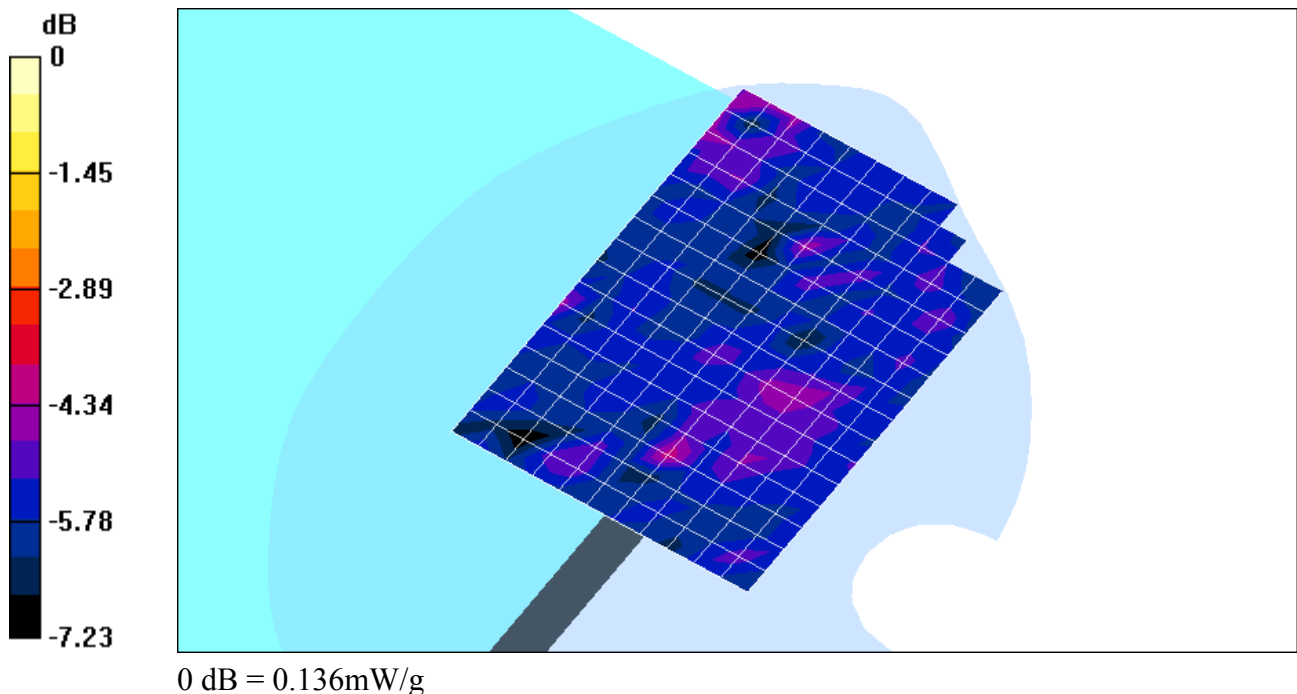
Reference Value = 3.33 V/m; Power Drift = -0.12 dB

Maximum value of SAR (measured) = 0.136 mW/g

Peak SAR (extrapolated) = 0.162 W/kg

SAR(1 g) = 0.064 mW/g; SAR(10 g) = 0.050 mW/g

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



Test Laboratory: Compliance Certification Services

File Name: [1-1_Main Antenna \(HTL017\).da4](#)

DUT: Toshiba; Type: PA3375U-1MPC; Serial: N/A

Program Name: 1-1_Main Antenna (HTL017)

Ambient Temp.: 26 deg. C; Liquid Temp.: 24.50deg. C

Communication System: 802.11a; Frequency: 5785 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 5785 \text{ MHz}$; $\sigma = 6.23 \text{ mho/m}$; $\epsilon_r = 47.5$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3023; ConvF(1.5, 1.5, 1.5); Calibrated: 9/23/2003
- Sensor-Surface: 3mm (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

Co-location-M-ch/Area Scan (11x16x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Reference Value = 2.53 V/m; Power Drift = 0.14 dB

Maximum value of SAR (measured) = 0.051 mW/g

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

Co-location-M-ch/Zoom Scan (7x7x8)/Cube 0: Measurement grid: $dx=4.3\text{mm}$, $dy=4.3\text{mm}$, $dz=3\text{mm}$

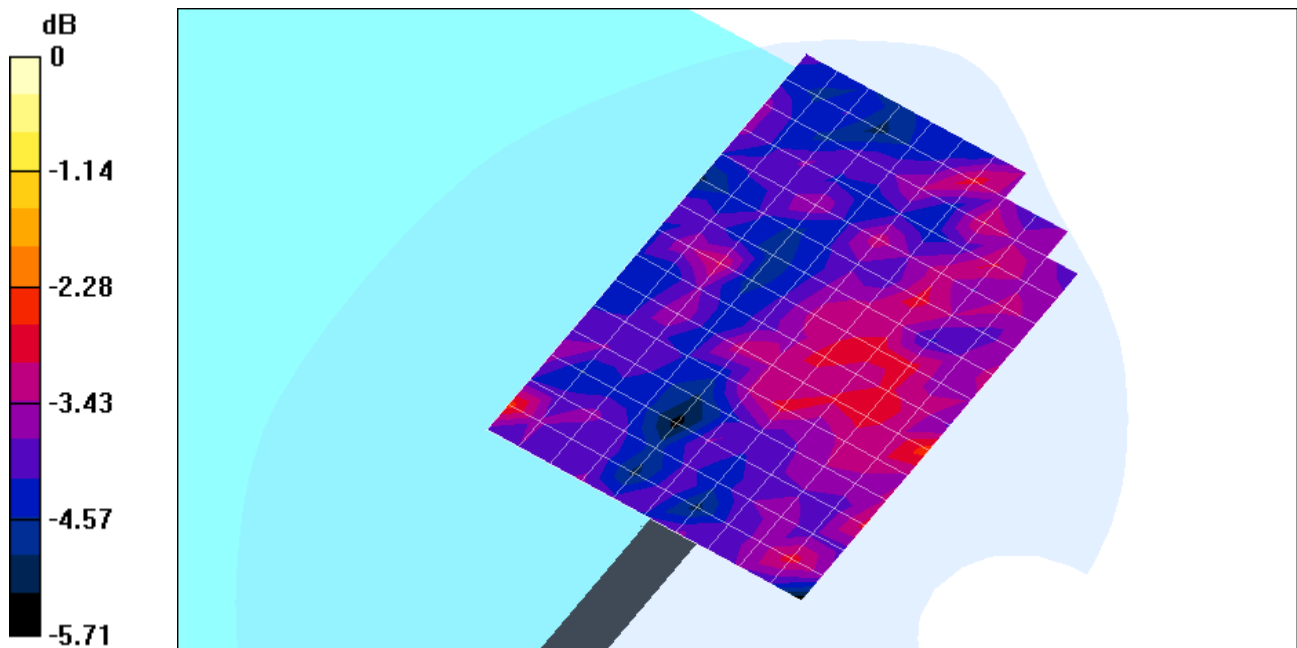
Reference Value = 2.53 V/m; Power Drift = 0.14 dB

Maximum value of SAR (measured) = 0.089 mW/g

Peak SAR (extrapolated) = 0.095 W/kg

SAR(1 g) = 0.054 mW/g; SAR(10 g) = 0.046 mW/g

[Info: Interpolated medium parameters used for SAR evaluation!1](#)



0 dB = 0.089mW/g

Test Laboratory: Compliance Certification Services

File Name: [1-2_Main Antenna \(TIAN01\).da4](#)

DUT: Toshiba; Type: PA3375U-1MPC; Serial: N/A

Program Name: 1-2_Main Antenna (TIAN01)

Ambient Temp.: 24.0 deg. C; Liquid Temp.: 23.0 deg. C

Communication System: 802.11a; Frequency: 5260 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 5260$ MHz; $\sigma = 5.55$ mho/m; $\epsilon_r = 48.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3023; ConvF(1.82, 1.82, 1.82); Calibrated: 9/23/2003

- Sensor-Surface: 3mm (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 (12x17x1): Measurement grid: dx=10mm, dy=10mm

M-ch/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 2.44 V/m; Power Drift = 0.3 dB

Maximum value of SAR (measured) = 0.082 mW/g

Peak SAR (extrapolated) = 0.089 W/kg

SAR(1 g) = 0.058 mW/g; SAR(10 g) = 0.042 mW/g

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

M-ch/Zoom Scan (7x7x8)/Cube 1: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

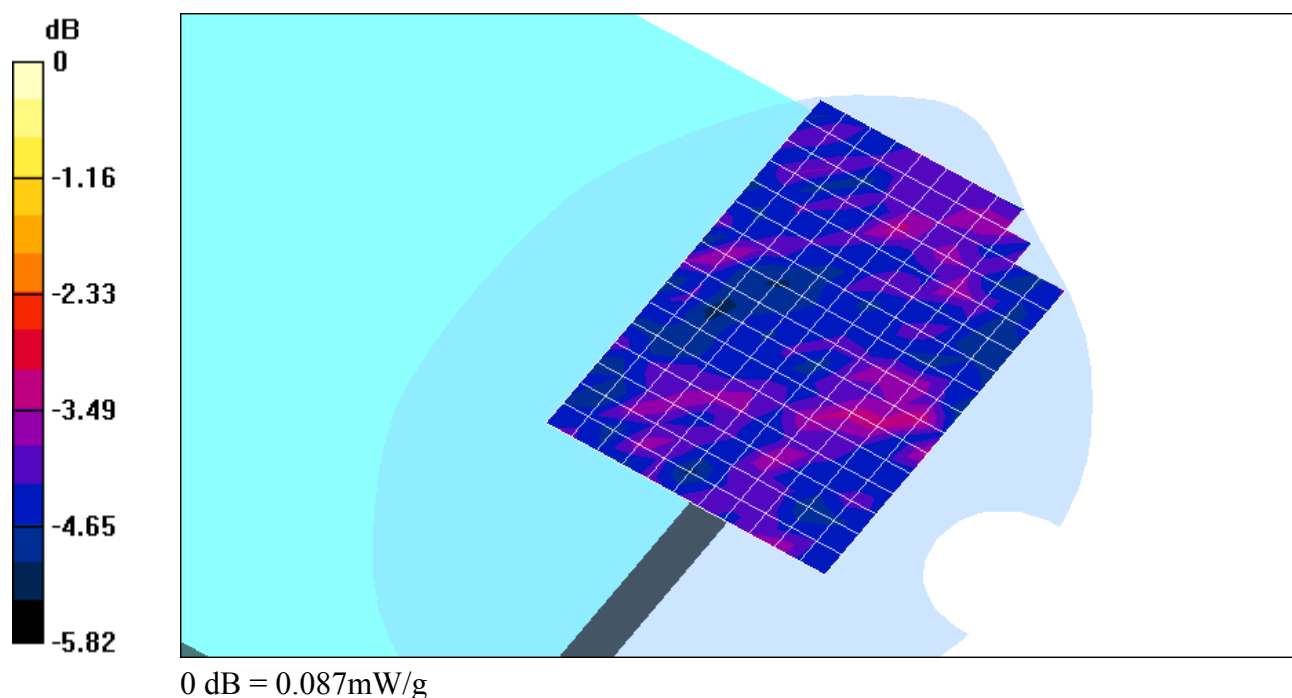
Reference Value = 2.44 V/m; Power Drift = 0.3 dB

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

Peak SAR (extrapolated) = 1064.7 W/kg

SAR(1 g) = 0.043 mW/g; SAR(10 g) = 0.039 mW/g

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



Test Laboratory: Compliance Certification Services

File Name: [1-2_Main Antenna \(TIAN01\).da4](#)

DUT: Toshiba; Type: PA3375U-1MPC; Serial: N/A

Program Name: 1-2_Main Antenna (TIAN01)

Ambient Temp.: 24.0 deg. C; Liquid Temp.: 23.0 deg. C

Communication System: 802.11a; Frequency: 5260 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 5260$ MHz; $\sigma = 5.55$ mho/m; $\epsilon_r = 48.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3023; ConvF(1.82, 1.82, 1.82); Calibrated: 9/23/2003
- Sensor-Surface: 3mm (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

Co-location-M-ch/Area Scan (12x17x1): Measurement grid: dx=10mm, dy=10mm

Co-location-M-ch/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

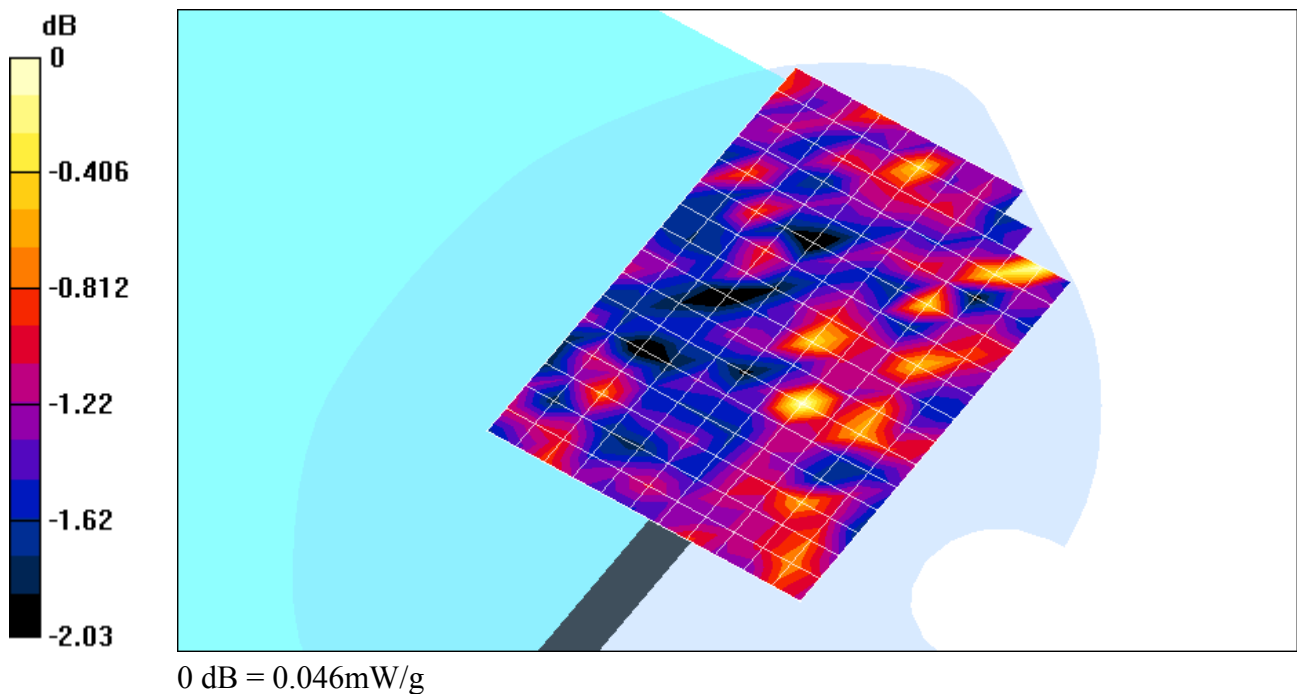
Reference Value = 2.7 V/m; Power Drift = -0.2 dB

Maximum value of SAR (measured) = 0.090 mW/g

Peak SAR (extrapolated) = 635.1 W/kg

SAR(1 g) = 0.083 mW/g; SAR(10 g) = 0.049 mW/g

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



Test Laboratory: Compliance Certification Services

File Name: [1-2_Main Antenna \(TIAN01\).da4](#)

DUT: Toshiba; Type: PA3375U-1MPC; Serial: N/A

Program Name: 1-2_Main Antenna (TIAN01)

Ambient Temp.: 26 deg. C; Liquid Temp.: 24.5 deg. C

Communication System: 802.11a; Frequency: 5785 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 5785 \text{ MHz}$; $\sigma = 6.23 \text{ mho/m}$; $\epsilon_r = 47.5$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3023; ConvF(1.5, 1.5, 1.5); Calibrated: 9/23/2003

- Sensor-Surface: 3mm (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 (12x17x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Reference Value = 2.43 V/m; Power Drift = 0.26 dB

Maximum value of SAR (measured) = 0.055 mW/g

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

M-ch/Zoom Scan (7x7x8)/Cube 0: Measurement grid: $dx=4.3\text{mm}$, $dy=4.3\text{mm}$, $dz=3\text{mm}$

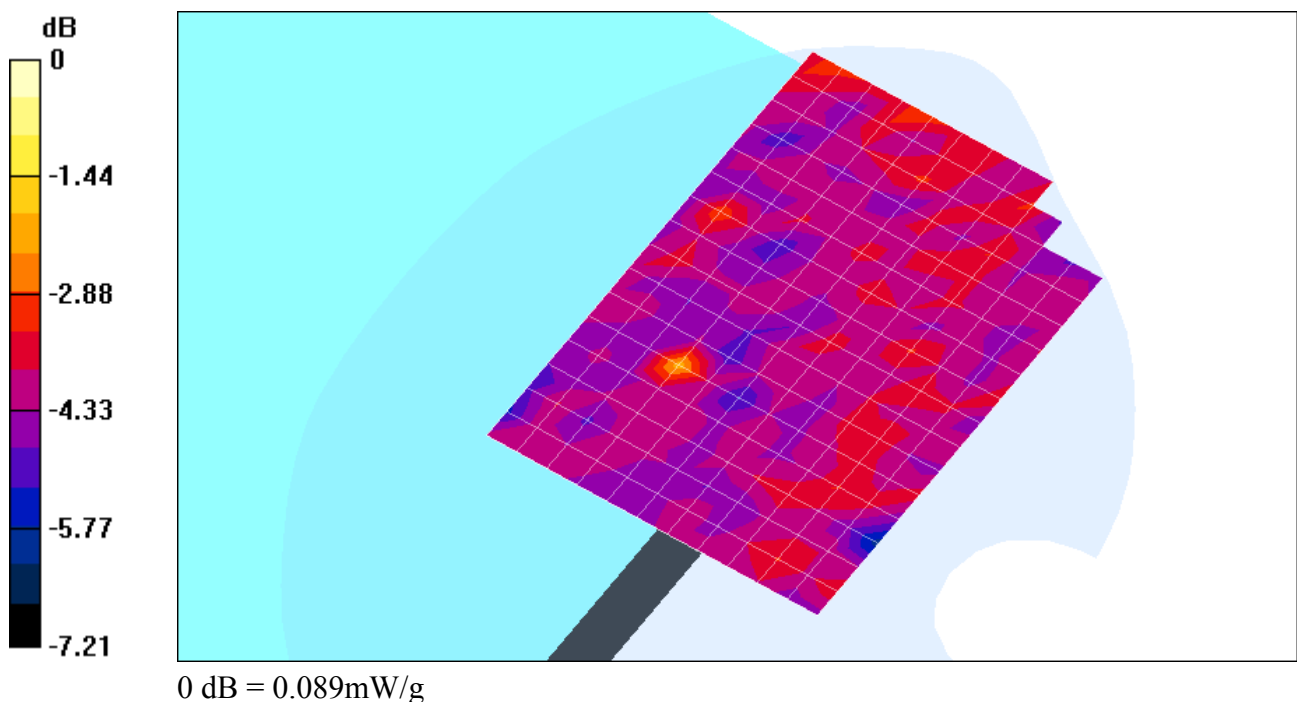
Reference Value = 2.43 V/m; Power Drift = 0.26 dB

Maximum value of SAR (measured) = 0.089 mW/g

Peak SAR (extrapolated) = 28.5 W/kg

SAR(1 g) = 0.055 mW/g; SAR(10 g) = 0.040 mW/g

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



Test Laboratory: Compliance Certification Services

File Name: [2-1_Aux Antenna \(HTL017\).da4](#)

DUT: Toshiba; Type: PA3375U-1MPC; Serial: N/A

Program Name: 2-1_Aux Antenna (HTL017)

Ambient Temp.: 24.0 deg. C; Liquid Temp.: 23.0 deg. C

Communication System: 802.11a; Frequency: 5260 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 5260$ MHz; $\sigma = 5.55$ mho/m; $\epsilon_r = 48.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3023; ConvF(1.82, 1.82, 1.82); Calibrated: 9/23/2003

- Sensor-Surface: 3mm (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 (12x17x1): Measurement grid: dx=10mm, dy=10mm

M-ch/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 2.66 V/m; Power Drift = 0.17 dB

Maximum value of SAR (measured) = 0.077 mW/g

Peak SAR (extrapolated) = 0.078 W/kg

SAR(1 g) = 0.050 mW/g; SAR(10 g) = 0.046 mW/g

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

M-ch/Zoom Scan (7x7x8)/Cube 1: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

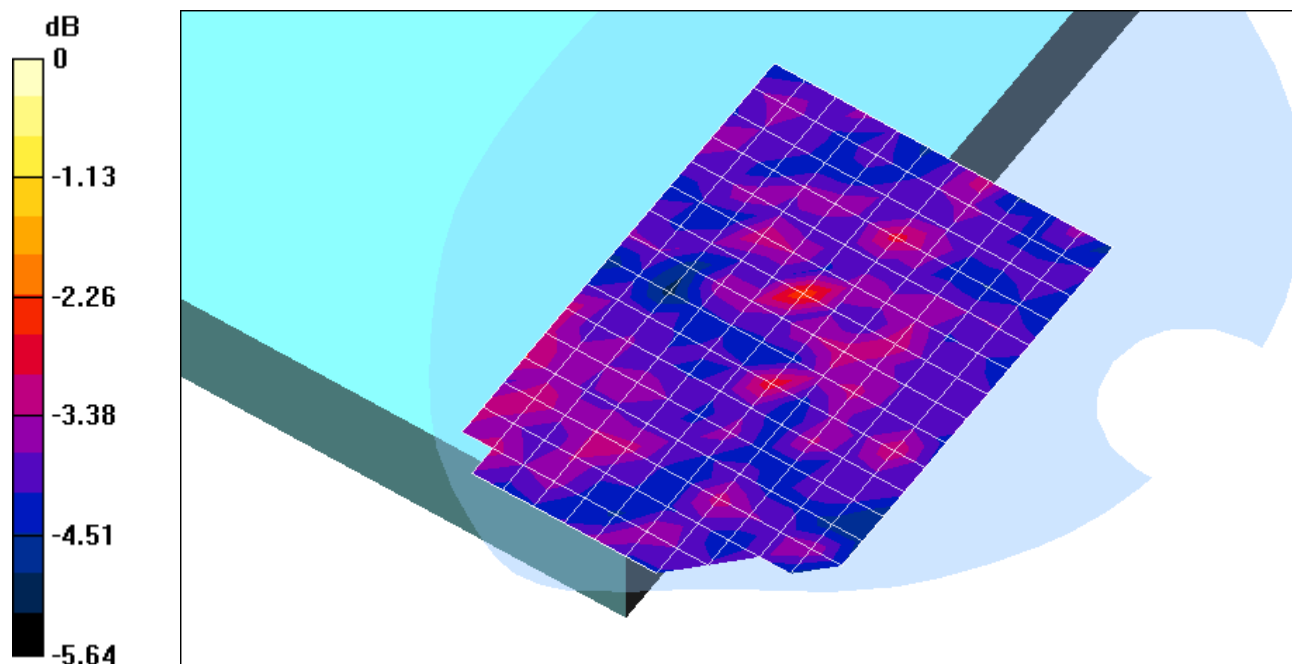
Reference Value = 2.66 V/m; Power Drift = 0.17 dB

Maximum value of SAR (measured) = 0.086 mW/g

Peak SAR (extrapolated) = 0.086 W/kg

SAR(1 g) = 0.049 mW/g; SAR(10 g) = 0.045 mW/g

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



0 dB = 0.086mW/g

Test Laboratory: Compliance Certification Services

File Name: [2-1_Aux Antenna \(HTL017\).da4](#)

DUT: Toshiba; Type: PA3375U-1MPC; Serial: N/A

Program Name: 2-1_Aux Antenna (HTL017)

Ambient Temp.: 26 deg. C; Liquid Temp.: 24.5 deg. C

Communication System: 802.11a; Frequency: 5785 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 5785$ MHz; $\sigma = 6.23$ mho/m; $\epsilon_r = 47.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3023; ConvF(1.5, 1.5, 1.5); Calibrated: 9/23/2003

- Sensor-Surface: 3mm (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 (12x17x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 2.74 V/m; Power Drift = 0.16 dB

Maximum value of SAR (measured) = 0.056 mW/g

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

M-ch/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

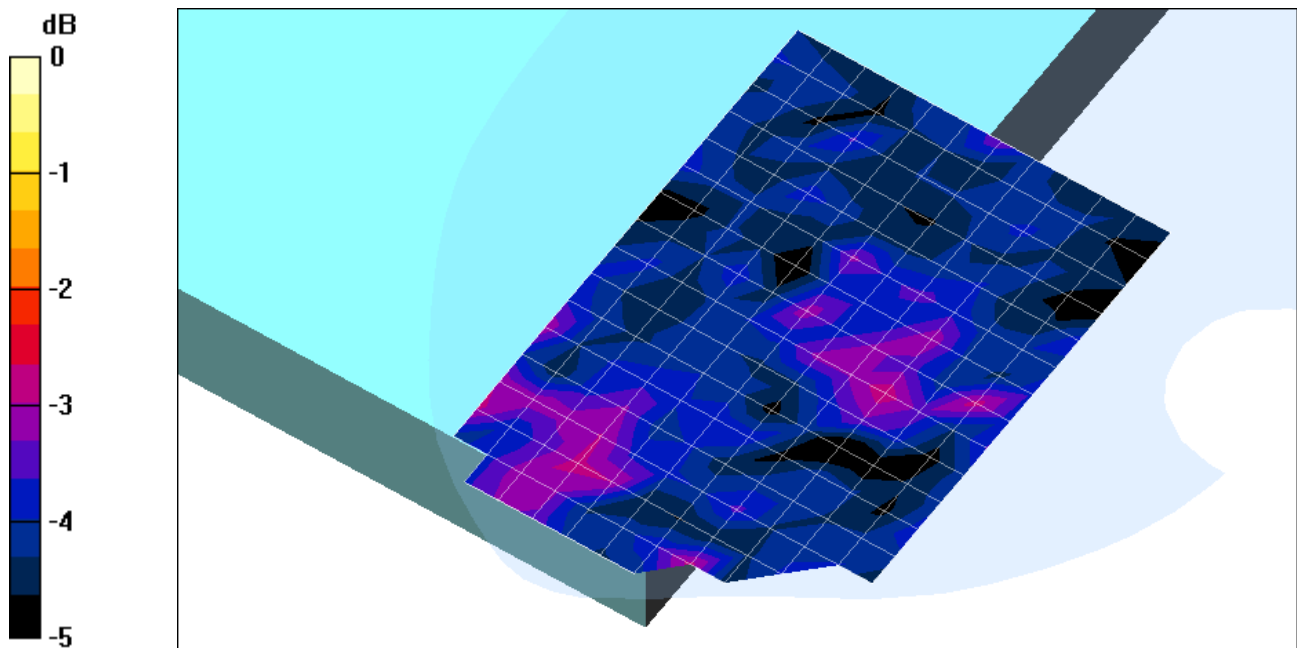
Reference Value = 2.74 V/m; Power Drift = 0.16 dB

Maximum value of SAR (measured) = 0.105 mW/g

Peak SAR (extrapolated) = 72.2 W/kg

SAR(1 g) = 0.076 mW/g; SAR(10 g) = 0.058 mW/g

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



0 dB = 0.105mW/g

Test Laboratory: Compliance Certification Services

File Name: [2-2_Aux Antenna \(TIAN01\).da4](#)

DUT: Toshiba; Type: PA3375U-1MPC; Serial: N/A

Program Name: 2-2_Aux Antenna (TIAN01)

Ambient Temp.: 24.0 deg. C; Liquid Temp.: 23.0 deg. C

Communication System: 802.11a; Frequency: 5260 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 5260$ MHz; $\sigma = 5.55$ mho/m; $\epsilon_r = 48.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3023; ConvF(1.82, 1.82, 1.82); Calibrated: 9/23/2003

- Sensor-Surface: 3mm (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 (12x17x1): Measurement grid: dx=10mm, dy=10mm

M-ch/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 2.74 V/m; Power Drift = 0.0 dB

Maximum value of SAR (measured) = 0.078 mW/g

Peak SAR (extrapolated) = 0.078 W/kg

SAR(1 g) = 0.047 mW/g; SAR(10 g) = 0.043 mW/g

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

M-ch/Zoom Scan (7x7x8)/Cube 1: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

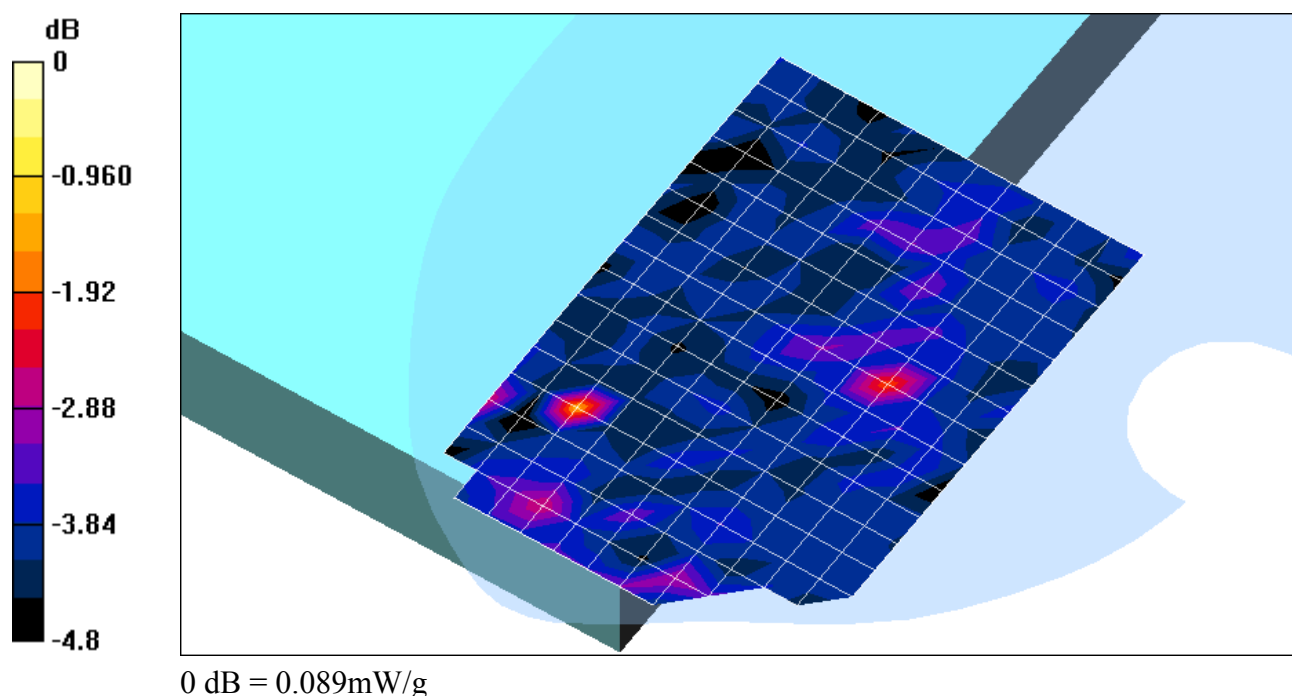
Reference Value = 2.74 V/m; Power Drift = 0.0 dB

Maximum value of SAR (measured) = 0.089 mW/g

Peak SAR (extrapolated) = 0.089 W/kg

SAR(1 g) = 0.050 mW/g; SAR(10 g) = 0.045 mW/g

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



Test Laboratory: Compliance Certification Services

File Name: [2-2_Aux Antenna \(TIAN01\).da4](#)

DUT: Toshiba; Type: PA3375U-1MPC; Serial: N/A

Program Name: 2-2_Aux Antenna (TIAN01)

Ambient Temp.: 26.0 deg. C; Liquid Temp.: 24.5 deg. C

Communication System: 802.11a; Frequency: 5785 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 5785$ MHz; $\sigma = 6.23$ mho/m; $\epsilon_r = 47.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3023; ConvF(1.5, 1.5, 1.5); Calibrated: 9/23/2003

- Sensor-Surface: 3mm (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 (12x17x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 2.54 V/m; Power Drift = 1 dB

Maximum value of SAR (measured) = 0.063 mW/g

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

M-ch/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

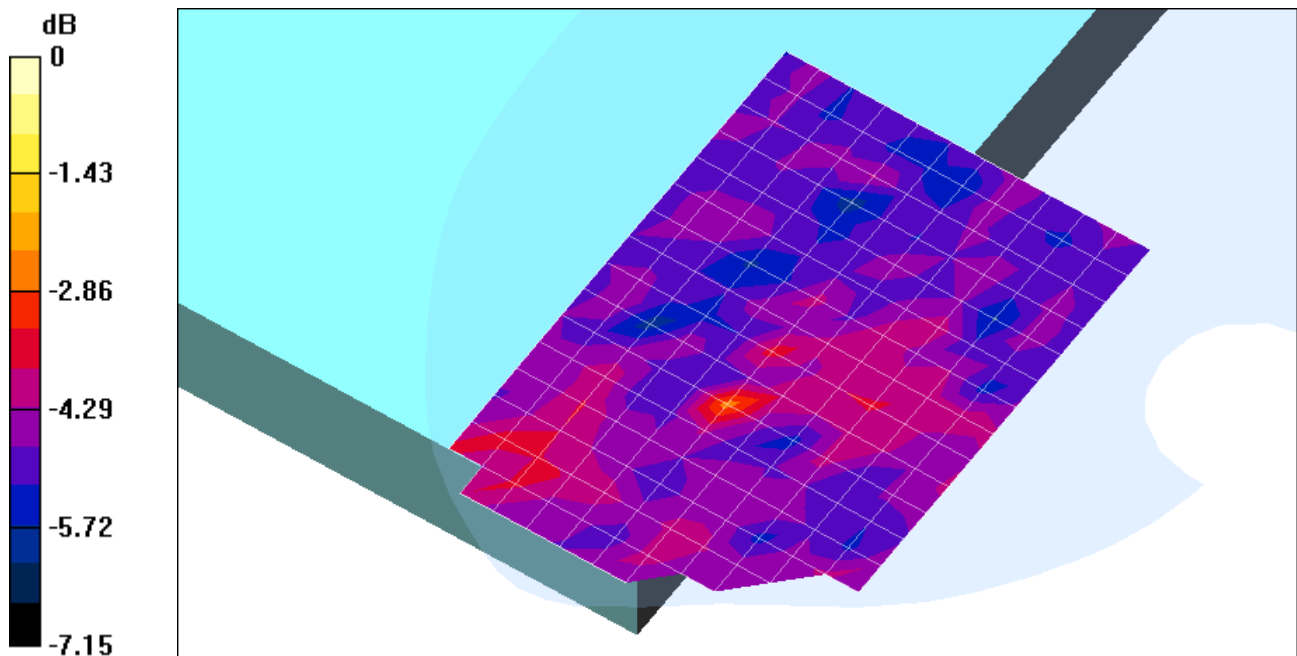
Reference Value = 2.54 V/m; Power Drift = 1 dB

Maximum value of SAR (measured) = 0.114 mW/g

Peak SAR (extrapolated) = 0.122 W/kg

SAR(1 g) = 0.056 mW/g; SAR(10 g) = 0.049 mW/g

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



0 dB = 0.114mW/g