

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: 802.11bg; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.91$ mho/m; $\epsilon_r = 53.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3023; ConvF(4.1, 4.1, 4.1); Calibrated: 9/23/2003

- 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

802.11b_M-ch/Area Scan (10x14x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

802.11b_M-ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=7.5$ mm, $dy=7.5$ mm, $dz=5$ mm

Reference Value = 1.77 V/m; Power Drift = 0.21 dB

Maximum value of SAR (measured) = 0.013 mW/g

Peak SAR (extrapolated) = 0.021 W/kg

SAR(1 g) = 0.010 mW/g; SAR(10 g) = 0.00852 mW/g

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

802.11b_M-ch/Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=7.5$ mm, $dy=7.5$ mm, $dz=5$ mm

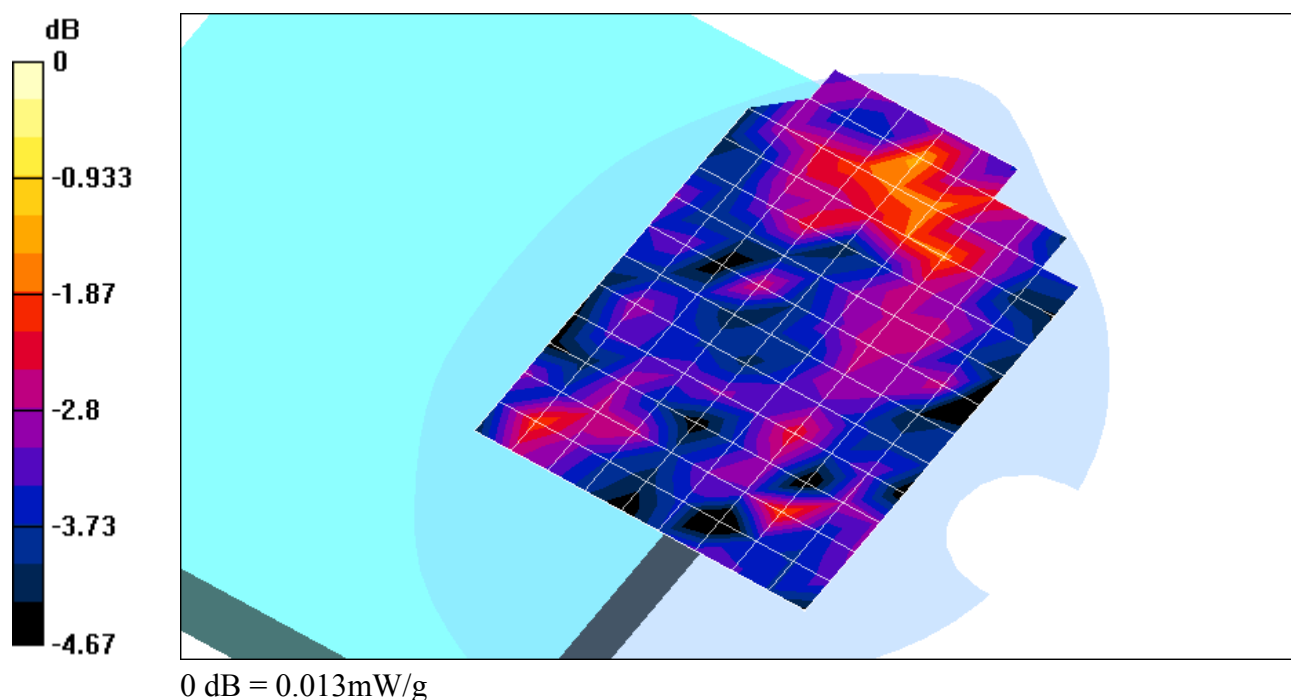
Reference Value = 1.77 V/m; Power Drift = 0.21 dB

Maximum value of SAR (measured) = 0.013 mW/g

Peak SAR (extrapolated) = 0.014 W/kg

SAR(1 g) = 0.00908 mW/g; SAR(10 g) = 0.00791 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.: 24.0 deg. C; Liquid Temp.: 23.0 deg. C

Communication System: 802.11bg; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.91$ mho/m; $\epsilon_r = 53.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3023; ConvF(4.1, 4.1, 4.1); Calibrated: 9/23/2003

- 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

802.11g_M-ch/Area Scan (10x14x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

802.11g_M-ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=7.5$ mm, $dy=7.5$ mm, $dz=5$ mm

Reference Value = 1.66 V/m; Power Drift = 0.21 dB

Maximum value of SAR (measured) = 0.012 mW/g

Peak SAR (extrapolated) = 0.012 W/kg

SAR(1 g) = 0.00863 mW/g; SAR(10 g) = 0.00719 mW/g

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

802.11g_M-ch/Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=7.5$ mm, $dy=7.5$ mm, $dz=5$ mm

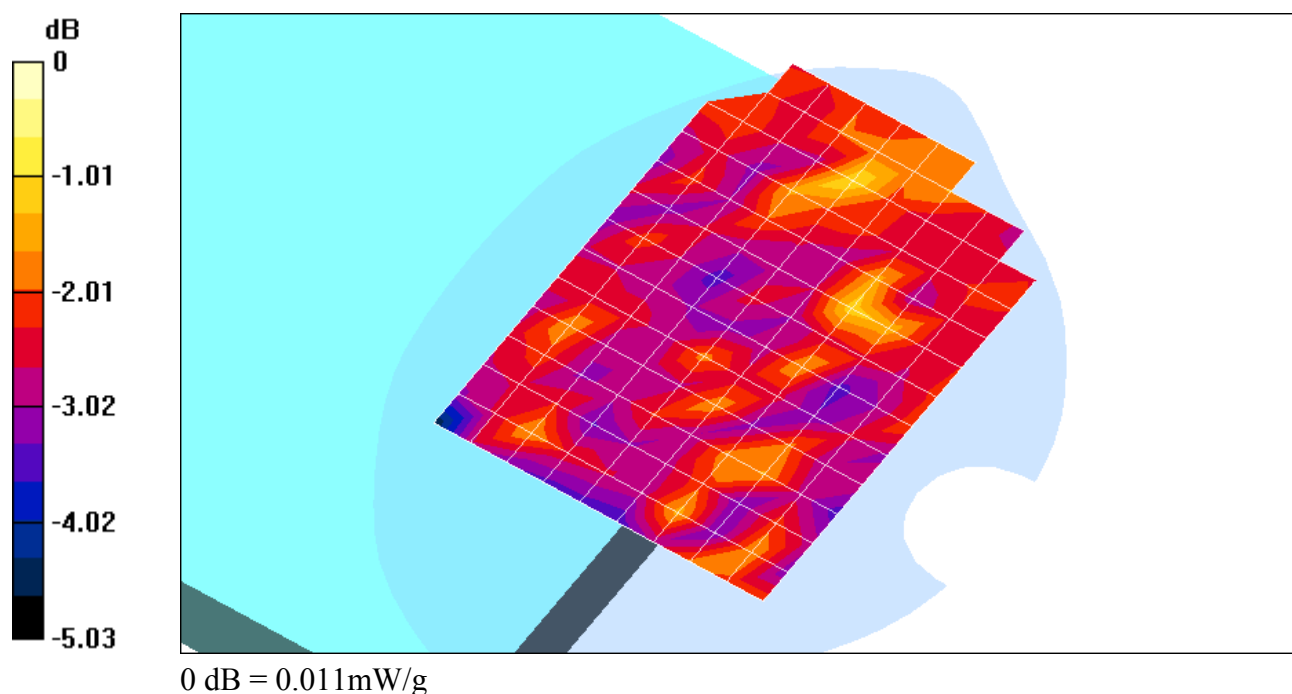
Reference Value = 1.66 V/m; Power Drift = 0.21 dB

Maximum value of SAR (measured) = 0.011 mW/g

Peak SAR (extrapolated) = 0.011 W/kg

SAR(1 g) = 0.00859 mW/g; SAR(10 g) = 0.00733 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: 802.11bg; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.91$ mho/m; $\epsilon_r = 53.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3023; ConvF(4.1, 4.1, 4.1); Calibrated: 9/23/2003

- 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

802.11b_M-ch/Area Scan (10x14x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

802.11b_M-ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=7.5$ mm, $dy=7.5$ mm, $dz=5$ mm

Reference Value = 1.76 V/m; Power Drift = 0.2 dB

Maximum value of SAR (measured) = 0.012 mW/g

Peak SAR (extrapolated) = 0.012 W/kg

SAR(1 g) = 0.00954 mW/g; SAR(10 g) = 0.00809 mW/g

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

802.11b_M-ch/Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=7.5$ mm, $dy=7.5$ mm, $dz=5$ mm

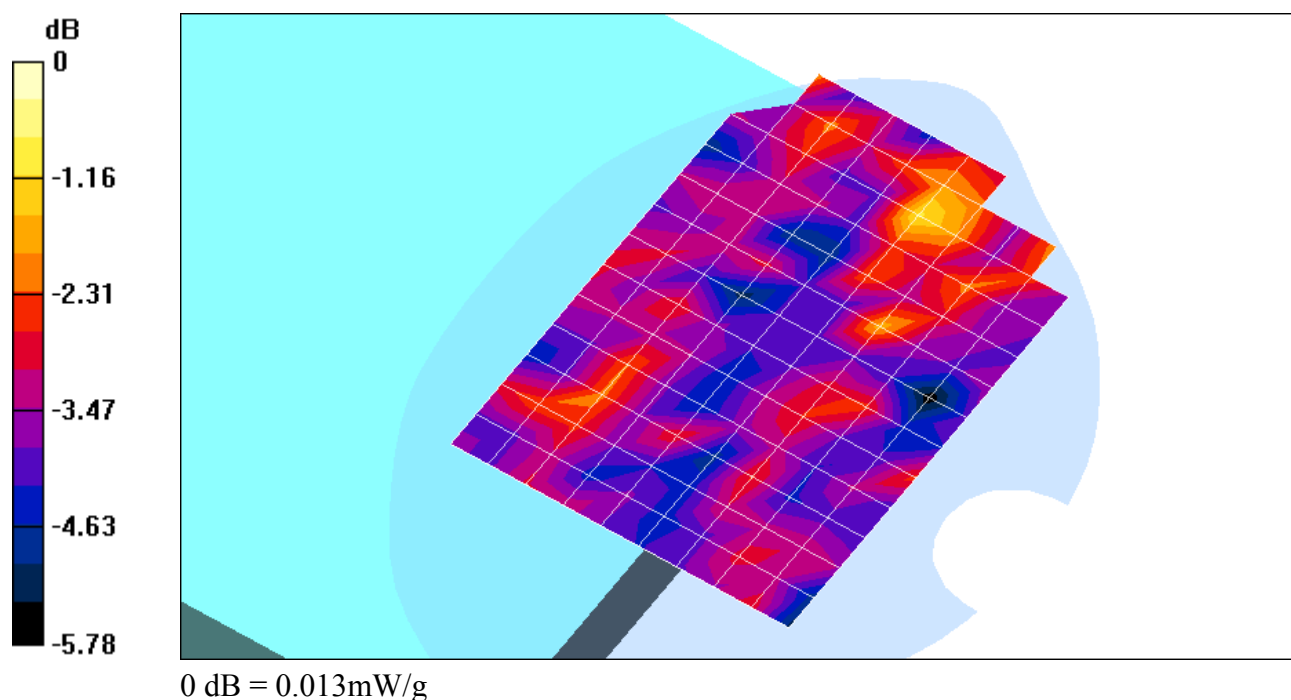
Reference Value = 1.76 V/m; Power Drift = 0.2 dB

Maximum value of SAR (measured) = 0.013 mW/g

Peak SAR (extrapolated) = 0.013 W/kg

SAR(1 g) = 0.00804 mW/g; SAR(10 g) = 0.007 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: 802.11bg; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2437 \text{ MHz}$; $\sigma = 1.91 \text{ mho/m}$; $\epsilon_r = 53.7$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3023; ConvF(4.1, 4.1, 4.1); Calibrated: 9/23/2003

- 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

802.11g_M-ch/Area Scan (10x14x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Reference Value = 1.53 V/m; Power Drift = 0.2 dB

Maximum value of SAR (measured) = 0.0091 mW/g

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

802.11g_M-ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=5\text{mm}$

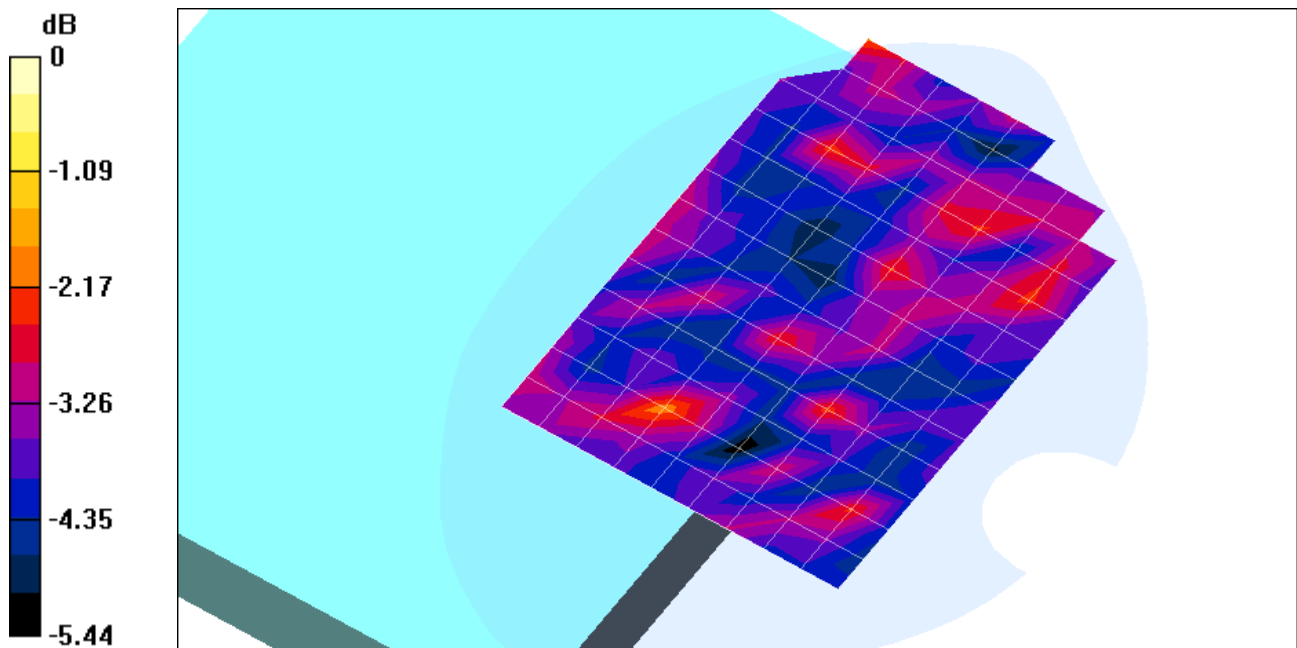
Reference Value = 1.53 V/m; Power Drift = 0.2 dB

Maximum value of SAR (measured) = 0.014 mW/g

Peak SAR (extrapolated) = 0.014 W/kg

SAR(1 g) = 0.0086 mW/g; SAR(10 g) = 0.00748 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: 802.11bg; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.91$ mho/m; $\epsilon_r = 53.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3023; ConvF(4.1, 4.1, 4.1); Calibrated: 9/23/2003

- 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

802.11b_M-ch/Area Scan (10x14x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

802.11b_M-ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=7.5$ mm, $dy=7.5$ mm, $dz=5$ mm

Reference Value = 1.71 V/m; Power Drift = 0.14 dB

Maximum value of SAR (measured) = 0.019 mW/g

Peak SAR (extrapolated) = 0.038 W/kg

SAR(1 g) = 0.018 mW/g; SAR(10 g) = 0.012 mW/g

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

802.11b_M-ch/Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=7.5$ mm, $dy=7.5$ mm, $dz=5$ mm

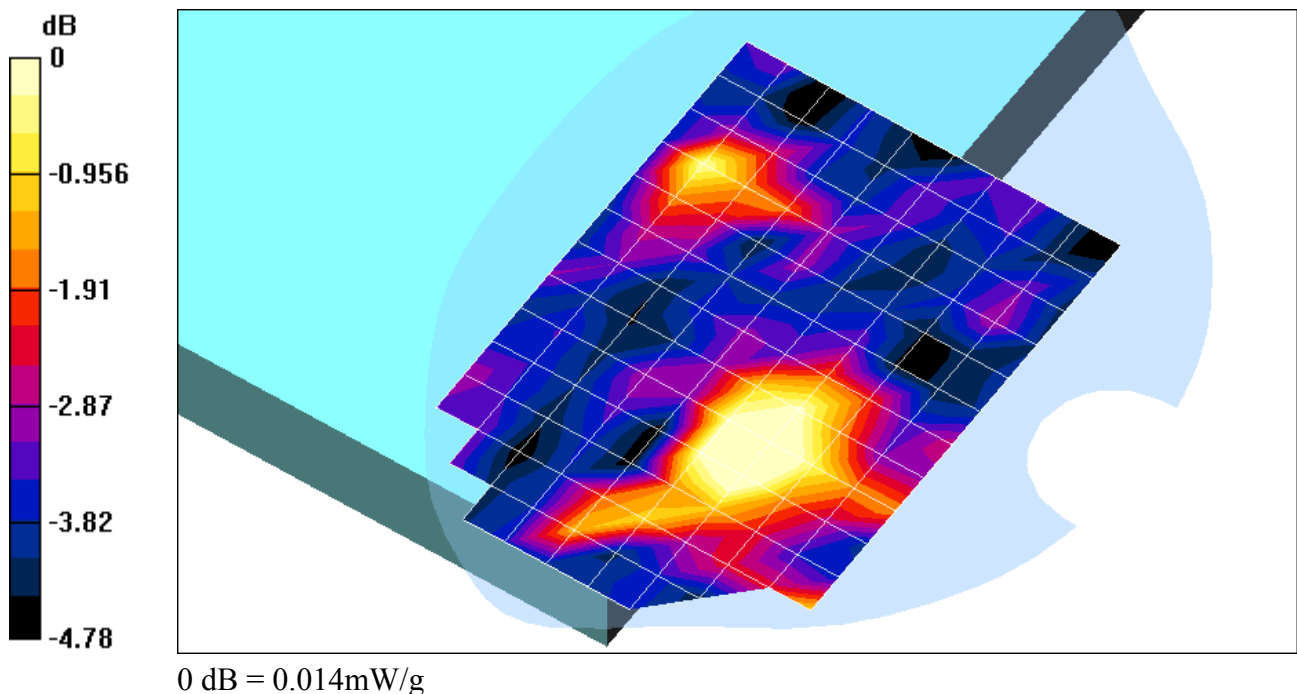
Reference Value = 1.71 V/m; Power Drift = 0.14 dB

Maximum value of SAR (measured) = 0.014 mW/g

Peak SAR (extrapolated) = 0.024 W/kg

SAR(1 g) = 0.013 mW/g; SAR(10 g) = 0.00938 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: 802.11bg; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2462$ MHz; $\sigma = 1.93$ mho/m; $\epsilon_r = 53.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3023; ConvF(4.1, 4.1, 4.1); Calibrated: 9/23/2003

- 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

802.11b_H-ch/Area Scan (10x14x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

802.11b_H-ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=7.5$ mm, $dy=7.5$ mm, $dz=5$ mm

Reference Value = 1.56 V/m; Power Drift = 0.1 dB

Maximum value of SAR (measured) = 0.022 mW/g

Peak SAR (extrapolated) = 0.032 W/kg

SAR(1 g) = 0.019 mW/g; SAR(10 g) = 0.012 mW/g

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

802.11b_H-ch/Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=7.5$ mm, $dy=7.5$ mm, $dz=5$ mm

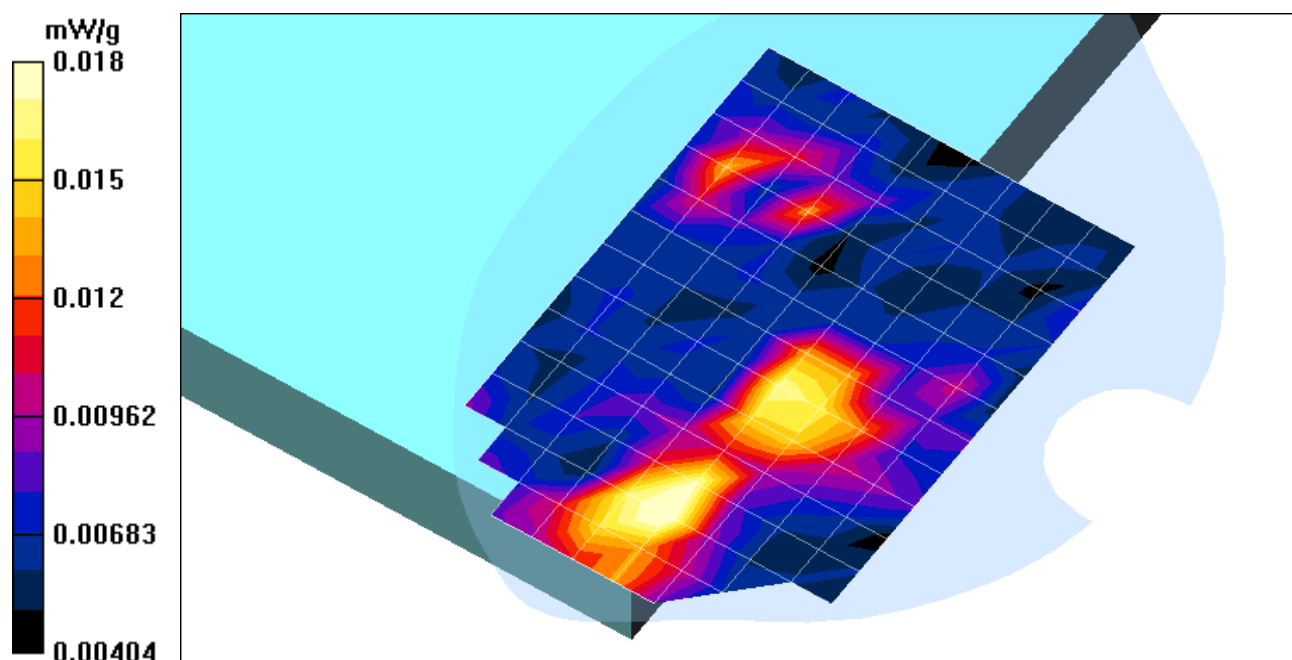
Reference Value = 1.56 V/m; Power Drift = 0.1 dB

Maximum value of SAR (measured) = 0.018 mW/g

Peak SAR (extrapolated) = 0.046 W/kg

SAR(1 g) = 0.016 mW/g; SAR(10 g) = 0.011 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: 802.11bg; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2462$ MHz; $\sigma = 1.93$ mho/m; $\epsilon_r = 53.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3023; ConvF(4.1, 4.1, 4.1); Calibrated: 9/23/2003

- 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

Co-location-802.11b_H-ch/Area Scan (10x14x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Co-location-802.11b_H-ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=7.5$ mm, $dy=7.5$ mm, $dz=5$ mm

Reference Value = 1.99 V/m; Power Drift = 0.13 dB

Maximum value of SAR (measured) = 0.019 mW/g

Peak SAR (extrapolated) = 0.032 W/kg

SAR(1 g) = 0.018 mW/g; SAR(10 g) = 0.012 mW/g

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

Co-location-802.11b_H-ch/Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=7.5$ mm, $dy=7.5$ mm, $dz=5$ mm

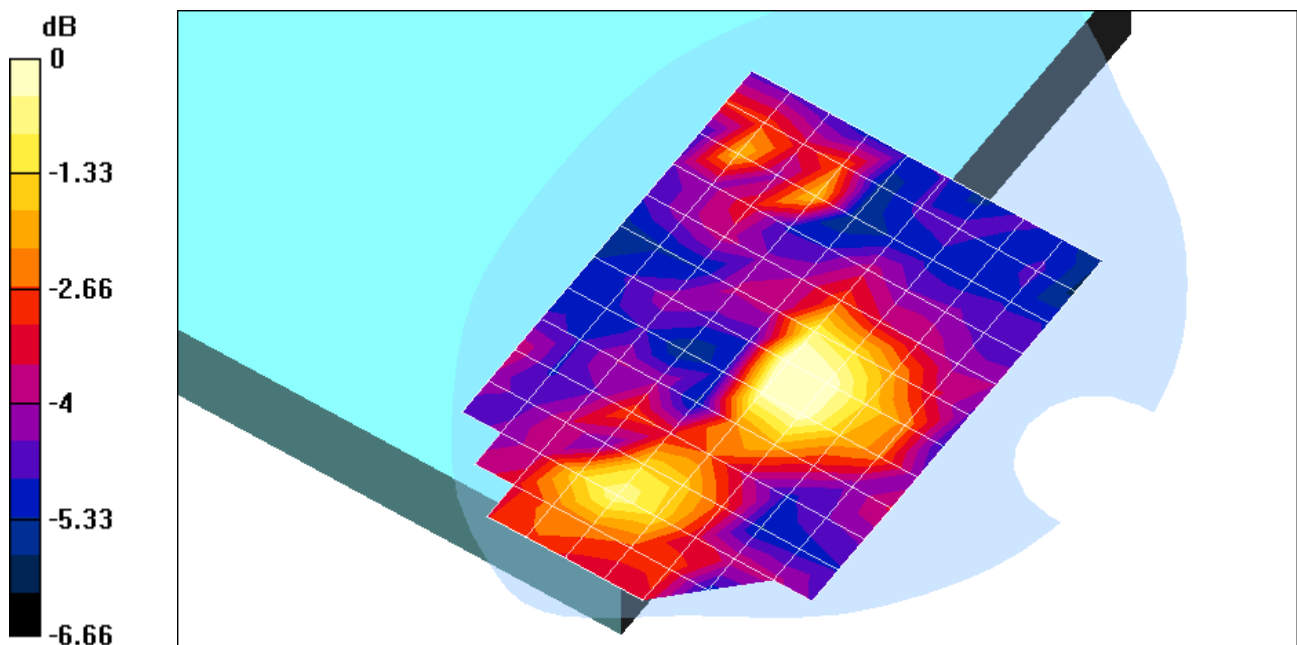
Reference Value = 1.99 V/m; Power Drift = 0.3 dB

Maximum value of SAR (measured) = 0.017 mW/g

Peak SAR (extrapolated) = 0.023 W/kg

SAR(1 g) = 0.015 mW/g; SAR(10 g) = 0.011 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)

Communication System: 802.11bg; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2462$ MHz; $\sigma = 1.93$ mho/m; $\epsilon_r = 53.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Co-location-802.11b_H-ch/Z Scan (1x1x51): Measurement grid: dx=20mm, dy=20mm, dz=2mm

Reference Value = 1.99 V/m; Power Drift = 2 dB

Maximum value of SAR (measured) = 0.017 mW/g

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

Co-location-802.11b_H-ch/Z Scan (EUT off) (1x1x51): Measurement grid: dx=20mm, dy=20mm, dz=2mm

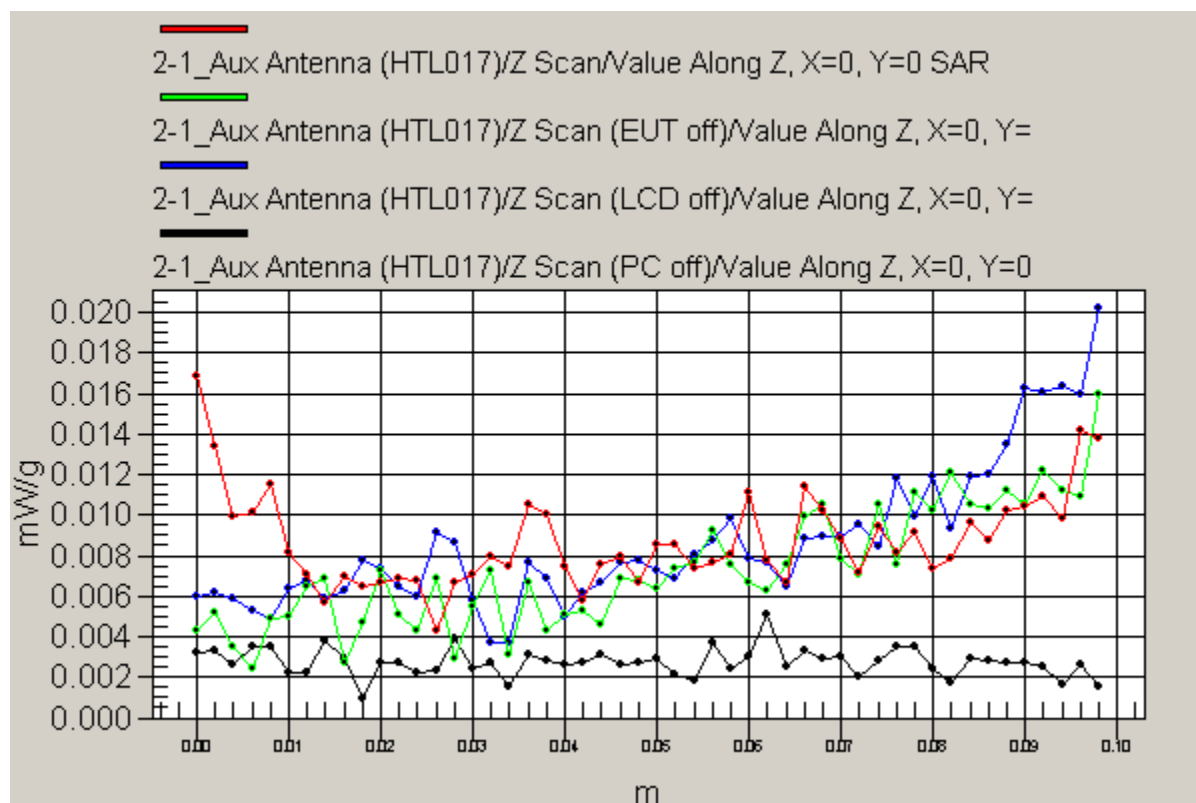
Maximum value of SAR (measured) = 0.016 mW/g

Co-location-802.11b_H-ch/Z Scan (LCD off) (1x1x51): Measurement grid: dx=20mm, dy=20mm, dz=2mm

Maximum value of SAR (measured) = 0.020 mW/g

Co-location-802.11b_H-ch/Z Scan (PC off) (1x1x51): Measurement grid: dx=20mm, dy=20mm, dz=2mm

Maximum value of SAR (measured) = 0.00513 mW/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.: 24.0 deg. C; Liquid Temp.: 23.0 deg. C

Communication System: 802.11bg; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.91$ mho/m; $\epsilon_r = 53.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3023; ConvF(4.1, 4.1, 4.1); Calibrated: 9/23/2003

- 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

802.11g_M-ch/Area Scan (10x14x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

802.11g_M-ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=7.5$ mm, $dy=7.5$ mm, $dz=5$ mm

Reference Value = 1.7 V/m; Power Drift = 0.13 dB

Maximum value of SAR (measured) = 0.011 mW/g

Peak SAR (extrapolated) = 0.054 W/kg

SAR(1 g) = 0.00816 mW/g; SAR(10 g) = 0.00692 mW/g

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

802.11g_M-ch/Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=7.5$ mm, $dy=7.5$ mm, $dz=5$ mm

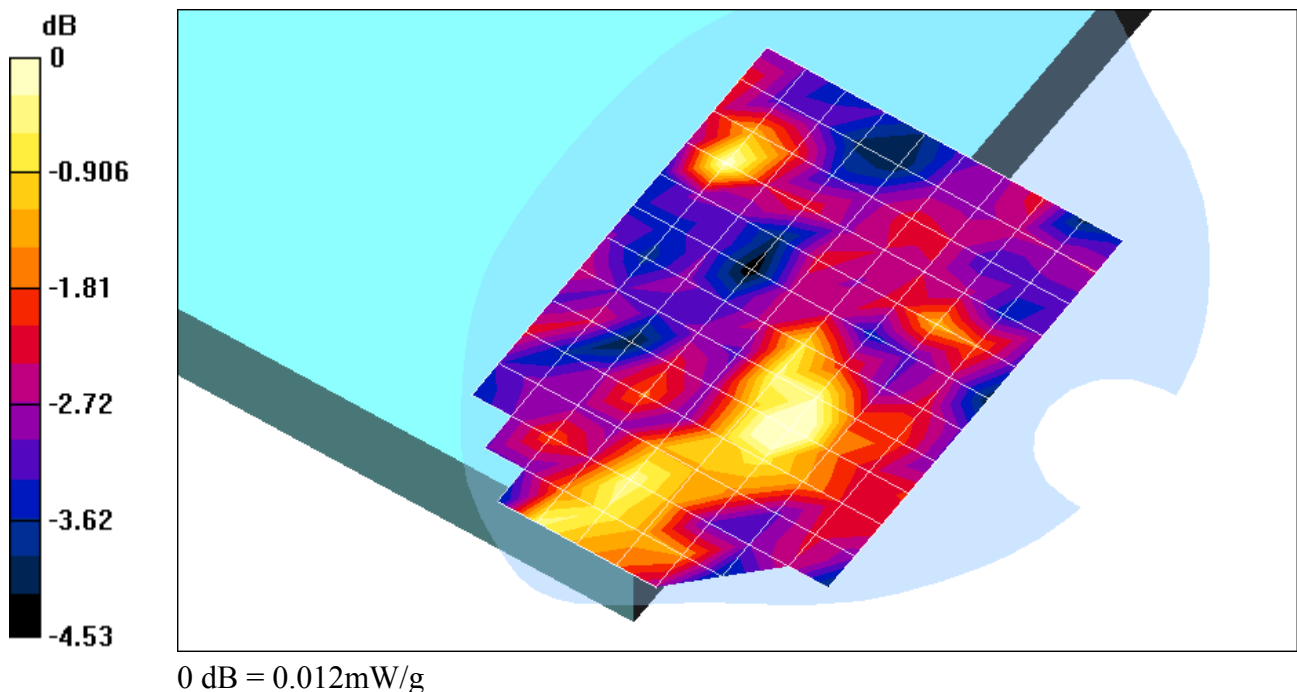
Reference Value = 1.7 V/m; Power Drift = 0.13 dB

Maximum value of SAR (measured) = 0.012 mW/g

Peak SAR (extrapolated) = 0.012 W/kg

SAR(1 g) = 0.00871 mW/g; SAR(10 g) = 0.00738 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.: 24.0 deg. C; Liquid Temp.: 23.0 deg. C

Communication System: 802.11bg; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.91$ mho/m; $\epsilon_r = 53.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3023; ConvF(4.1, 4.1, 4.1); Calibrated: 9/23/2003

- 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

802.11b_M-ch/Area Scan (10x14x1): Measurement grid: dx=15mm, dy=15mm

802.11b_M-ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 2.03 V/m; Power Drift = -0. dB

Maximum value of SAR (measured) = 0.018 mW/g

Peak SAR (extrapolated) = 0.019 W/kg

SAR(1 g) = 0.017 mW/g; SAR(10 g) = 0.011 mW/g

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

802.11b_M-ch/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

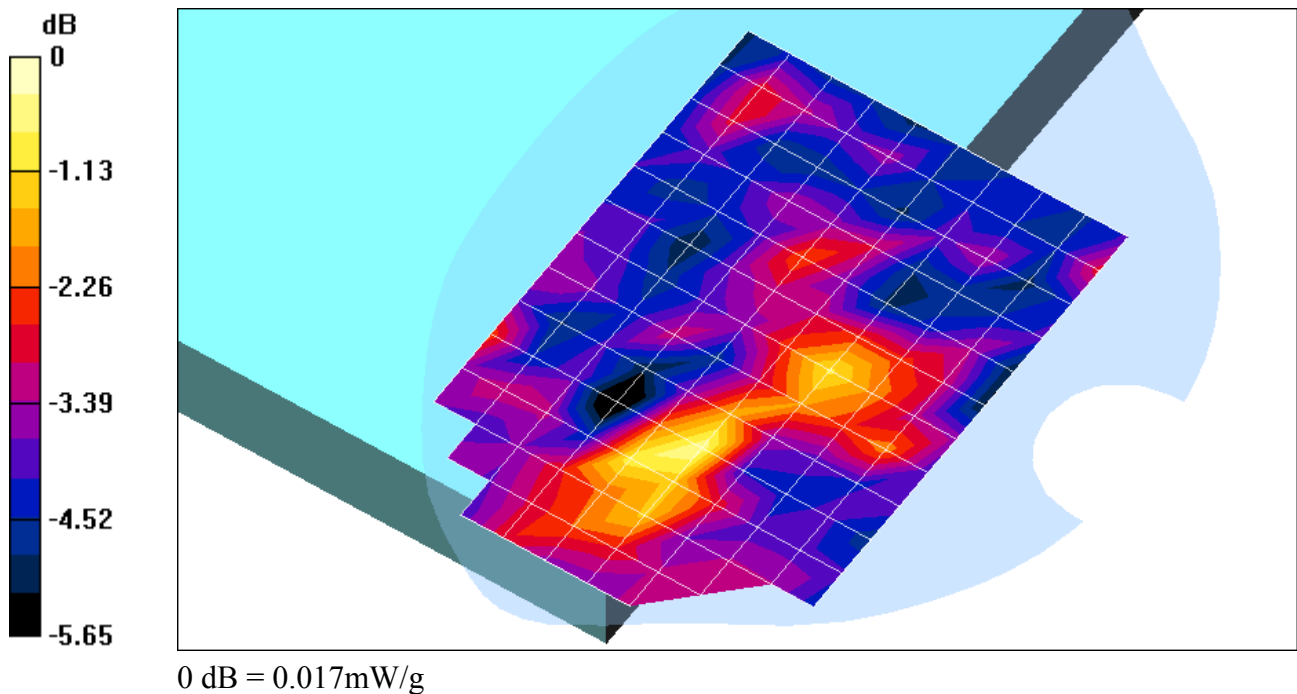
Reference Value = 2.03 V/m; Power Drift = -0.3 dB

Maximum value of SAR (measured) = 0.017 mW/g

Peak SAR (extrapolated) = 0.024 W/kg

SAR(1 g) = 0.015 mW/g; SAR(10 g) = 0.011 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.: 24.0 deg. C; Liquid Temp.: 23.0 deg. C

Communication System: 802.11bg; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.91$ mho/m; $\epsilon_r = 53.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3023; ConvF(4.1, 4.1, 4.1); Calibrated: 9/23/2003

- 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

802.11g_M-ch/Area Scan (10x14x1): Measurement grid: dx=15mm, dy=15mm

802.11g_M-ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 1.91 V/m; Power Drift = 1 dB

Maximum value of SAR (measured) = 0.012 mW/g

Peak SAR (extrapolated) = 0.015 W/kg

SAR(1 g) = 0.011 mW/g; SAR(10 g) = 0.0087 mW/g

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

802.11g_M-ch/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 1.91 V/m; Power Drift = 1 dB

Maximum value of SAR (measured) = 0.015 mW/g

Peak SAR (extrapolated) = 0.046 W/kg

SAR(1 g) = 0.013 mW/g; SAR(10 g) = 0.00948 mW/g

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

