

Test Laboratory: Compliance Certification Services

File Name: [1L-CH_11b_Rate 2_0.139 mW.da4](#)

DUT: Wistron; Type: BQ12; Serial: BQ12

Program: EUT Setup Configuration 3; 802.11b; AUX Antenna; Data rate: 2

Ambient Temperature: 25.5 deg C; Liquid Temperature: 24.1 deg C

Communication System: DSSS; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: Muscle 2450 MHz ($\sigma = 1.9488$ mho/m, $\epsilon_r = 51.6364$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1577; ConvF(4.7, 4.7, 4.7); Calibrated: 2/7/2003
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Low channel (2412MHz)/Area Scan (7x19x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 7.57 V/m

Power Drift = 0.1 dB

Maximum value of SAR = 0.132 mW/g

Low channel (2412MHz)/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

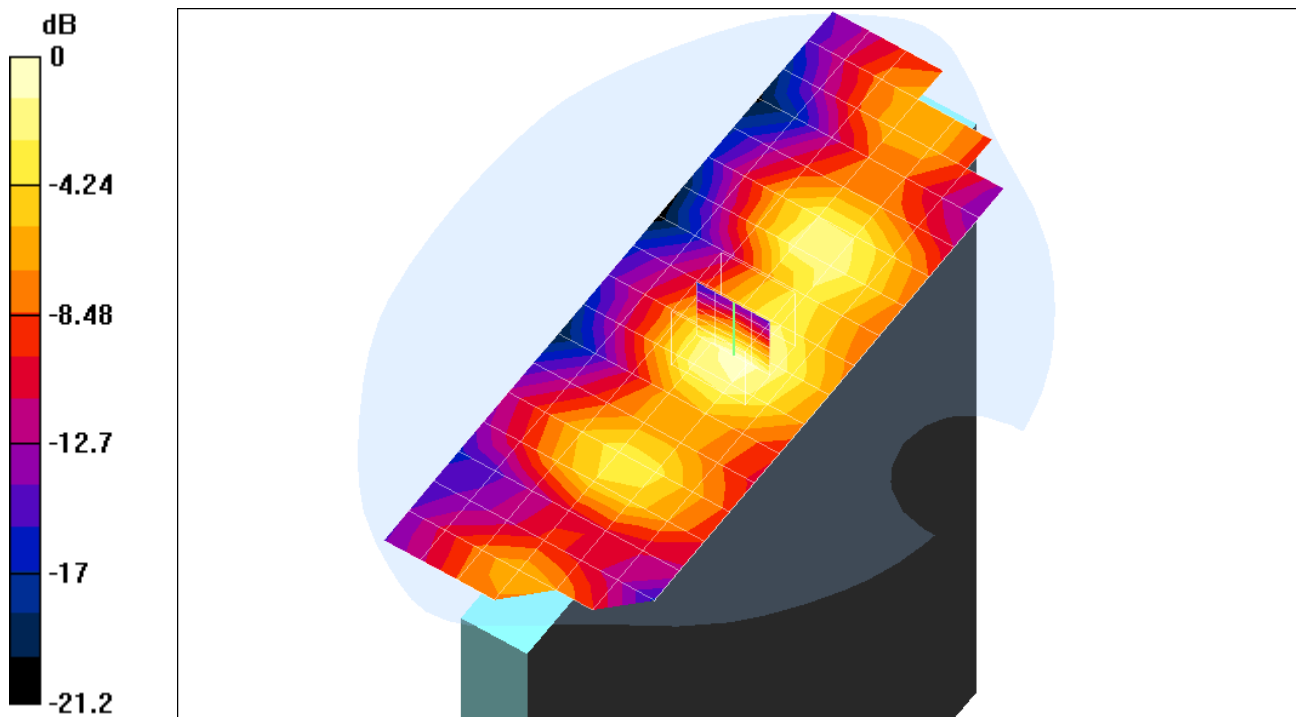
Peak SAR (extrapolated) = 0.281 W/kg

SAR(1 g) = 0.139 mW/g; SAR(10 g) = 0.0759 mW/g

Reference Value = 7.57 V/m

Power Drift = 0.1 dB

Maximum value of SAR = 0.146 mW/g



0 dB = 0.146mW/g

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Ambient Temperature: 25.5 deg C; Liquid Temperature: 24.1 deg C

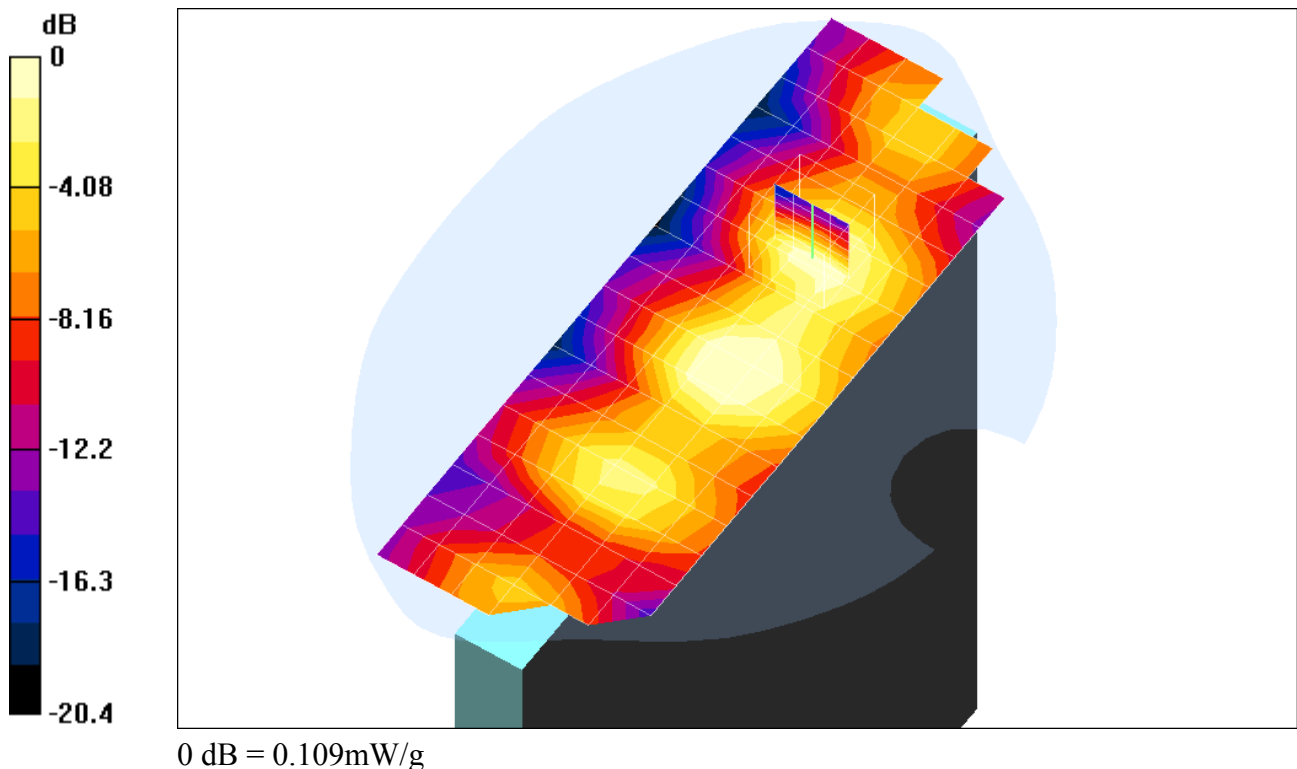
Communication System: DSSS; Frequency: 2412 MHz; Duty Cycle: 1:1
 Medium: Muscle 2450 MHz ($\sigma = 1.9488$ mho/m, $\epsilon_r = 51.6364$, $\rho = 1000$ kg/m³)
 Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1577; ConvF(4.7, 4.7, 4.7); Calibrated: 2/7/2003
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Low channel (2412MHz)/Area Scan (7x19x1): Measurement grid: dx=15mm, dy=15mm
 Reference Value = 7.57 V/m
 Power Drift = 0.1 dB
 Maximum value of SAR = 0.132 mW/g

Low channel (2412MHz)/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
 Peak SAR (extrapolated) = 0.203 W/kg
SAR(1 g) = 0.105 mW/g; SAR(10 g) = 0.0577 mW/g
 Reference Value = 7.57 V/m
 Power Drift = 0.1 dB
 Maximum value of SAR = 0.109 mW/g



Test Laboratory: Compliance Certification Services

File Name: [2L-CH_11b_Rate 5.5_0.141 mW.da4](#)

DUT: Wistron; Type: BQ12; Serial: BQ12

Program: EUT Setup Configuration 3; 802.11b; AUX Antenna; Data rate: 5.5

Ambient Temperature: 25.2 deg C; Liquid Temperature: 23.8 deg C

Communication System: DSSS; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: Muscle 2450 MHz ($\sigma = 1.9488$ mho/m, $\epsilon_r = 51.6364$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1577; ConvF(4.7, 4.7, 4.7); Calibrated: 2/7/2003
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Low channel (2412MHz)/Area Scan (7x19x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 7.37 V/m

Power Drift = 0.09 dB

Maximum value of SAR = 0.13 mW/g

Low channel (2412MHz)/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

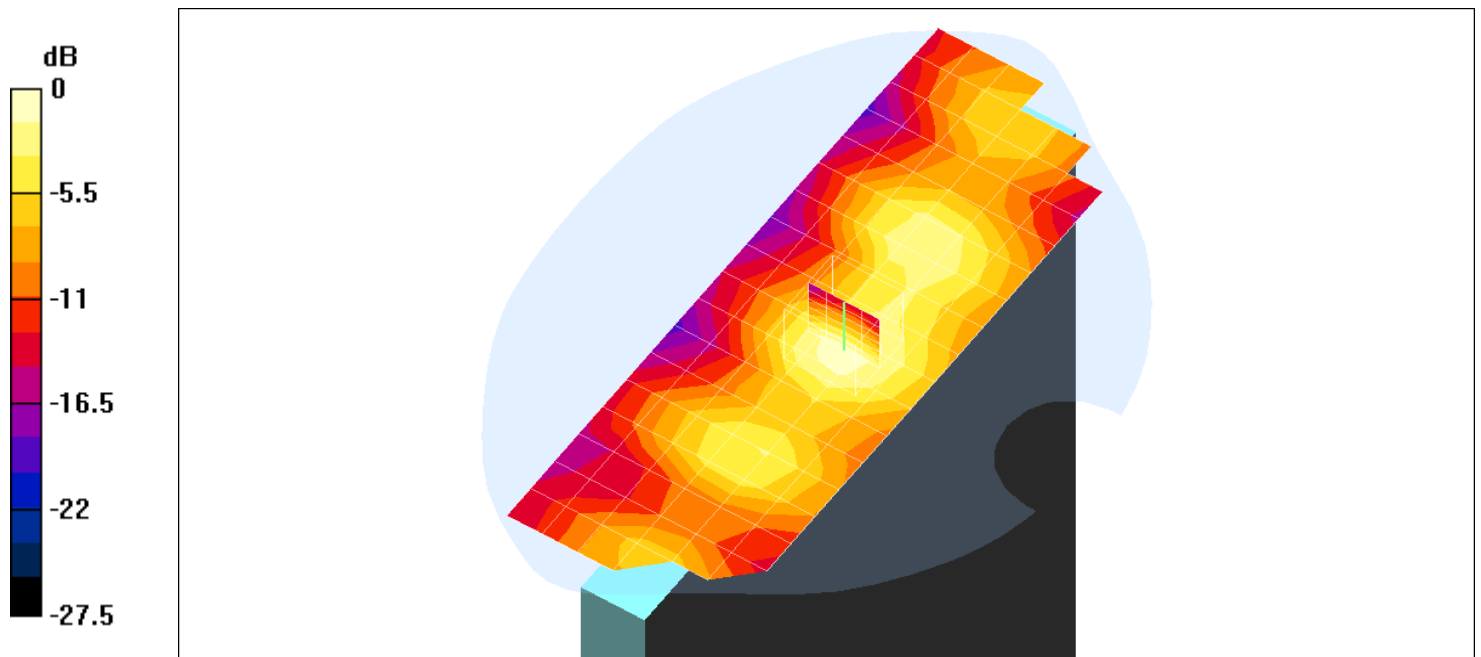
Peak SAR (extrapolated) = 0.291 W/kg

SAR(1 g) = 0.141 mW/g; SAR(10 g) = 0.0766 mW/g

Reference Value = 7.37 V/m

Power Drift = 0.09 dB

Maximum value of SAR = 0.146 mW/g



0 dB = 0.146mW/g

Test Laboratory: Compliance Certification Services

File Name: [2L-CH_11b_Rate 5.5_0.141 mW.da4](#)

DUT: Wistron; Type: BQ12; Serial: BQ12

Program: EUT Setup Configuration 3; 802.11b; AUX Antenna; Data rate: 5.5

Ambient Temperature: 25.2 deg C; Liquid Temperature: 23.8 deg C

Communication System: DSSS; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: Muscle 2450 MHz ($\sigma = 1.9488$ mho/m, $\epsilon_r = 51.6364$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1577; ConvF(4.7, 4.7, 4.7); Calibrated: 2/7/2003
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Low channel (2412MHz)/Area Scan (7x19x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 7.37 V/m

Power Drift = 0.09 dB

Maximum value of SAR = 0.13 mW/g

Low channel (2412MHz)/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

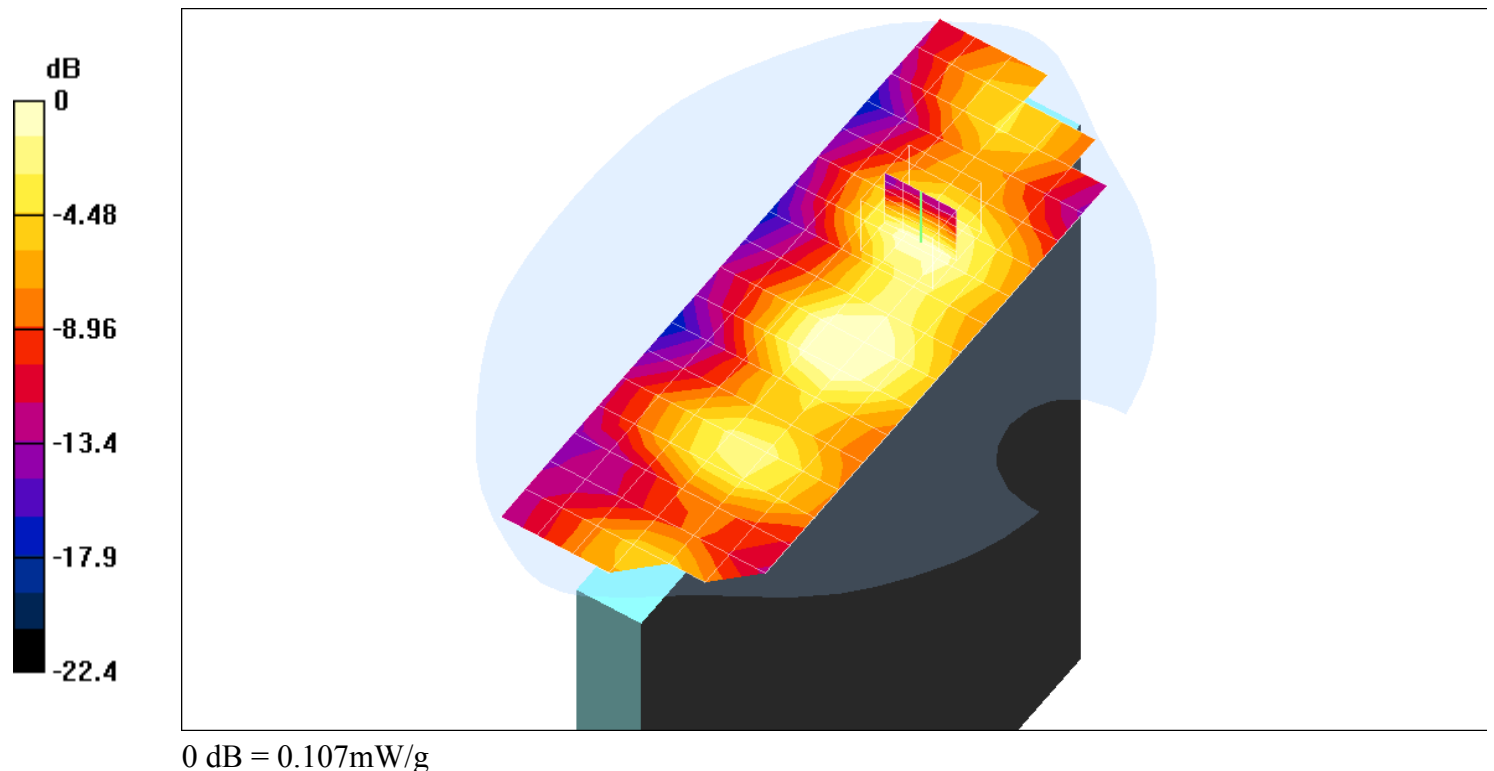
Peak SAR (extrapolated) = 0.2 W/kg

SAR(1 g) = 0.103 mW/g; SAR(10 g) = 0.0569 mW/g

Reference Value = 7.37 V/m

Power Drift = 0.09 dB

Maximum value of SAR = 0.107 mW/g



Test Laboratory: Compliance Certification Services
 File Name: [3L-CH_11b_Rate 11_0.135 mW.da4](#)

DUT: Wistron; Type: BQ12; Serial: BQ12
Program: EUT Setup Configuration 3; 802.11b; AUX Antenna; Data rate: 11
Ambient Temperature: 25.1 deg C; Liquid Temperature: 23.7 deg C

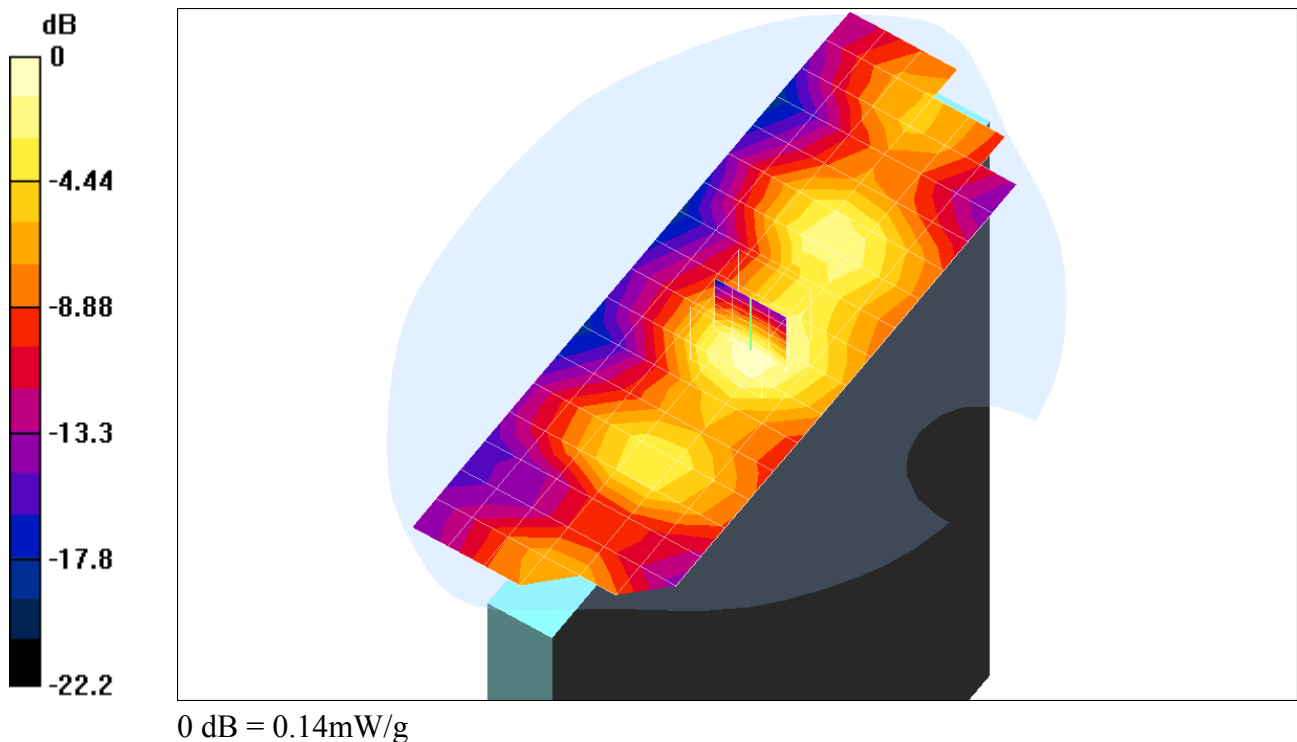
Communication System: DSSS; Frequency: 2412 MHz; Duty Cycle: 1:1
 Medium: Muscle 2450 MHz ($\sigma = 1.9488$ mho/m, $\epsilon_r = 51.6364$, $\rho = 1000$ kg/m³)
 Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1577; ConvF(4.7, 4.7, 4.7); Calibrated: 2/7/2003
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Low channel (2412MHz)/Area Scan (7x19x1): Measurement grid: dx=15mm, dy=15mm
 Reference Value = 7.56 V/m
 Power Drift = -0.12 dB
 Maximum value of SAR = 0.13 mW/g

Low channel (2412MHz)/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
 Peak SAR (extrapolated) = 0.275 W/kg
SAR(1 g) = 0.135 mW/g; SAR(10 g) = 0.0737 mW/g
 Reference Value = 7.56 V/m
 Power Drift = -0.12 dB
 Maximum value of SAR = 0.14 mW/g



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DUT: Wistron; Type: BQ12; Serial: BQ12

Program: EUT Setup Configuration 3; 802.11b; AUX Antenna; Data rate: 11

Ambient Temperature: 25.1 deg C; Liquid Temperature: 23.7 deg C

Communication System: DSSS; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: Muscle 2450 MHz ($\sigma = 1.9488$ mho/m, $\epsilon_r = 51.6364$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1577; ConvF(4.7, 4.7, 4.7); Calibrated: 2/7/2003
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Low channel (2412MHz)/Area Scan (7x19x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 7.56 V/m

Power Drift = -0.12 dB

Maximum value of SAR = 0.13 mW/g

Low channel (2412MHz)/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Peak SAR (extrapolated) = 0.193 W/kg

SAR(1 g) = 0.1 mW/g; SAR(10 g) = 0.0558 mW/g

Reference Value = 7.56 V/m

Power Drift = -0.12 dB

Maximum value of SAR = 0.104 mW/g

