

Test Laboratory: Compliance Certification Services

File Name: [1M-CH_11g_Rate 9_0.0462 mW-ul.da4](#)

DUT: Wistron; Type: BQ12; Serial: BQ12

Program: EUT Setup Configuration 3; 802.11g; AUX Antenna; Data rate: 9

Ambient Temperature: 25.4 deg C; Liquid Temperature: 23.6 deg C

Communication System: OFDM; Frequency: 2437 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

Middle channel (2437MHz)/Area Scan (7x19x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 3.97 V/m

Power Drift = 0.12 dB

Maximum value of SAR = 0.0451 mW/g

Middle channel (2437MHz)/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

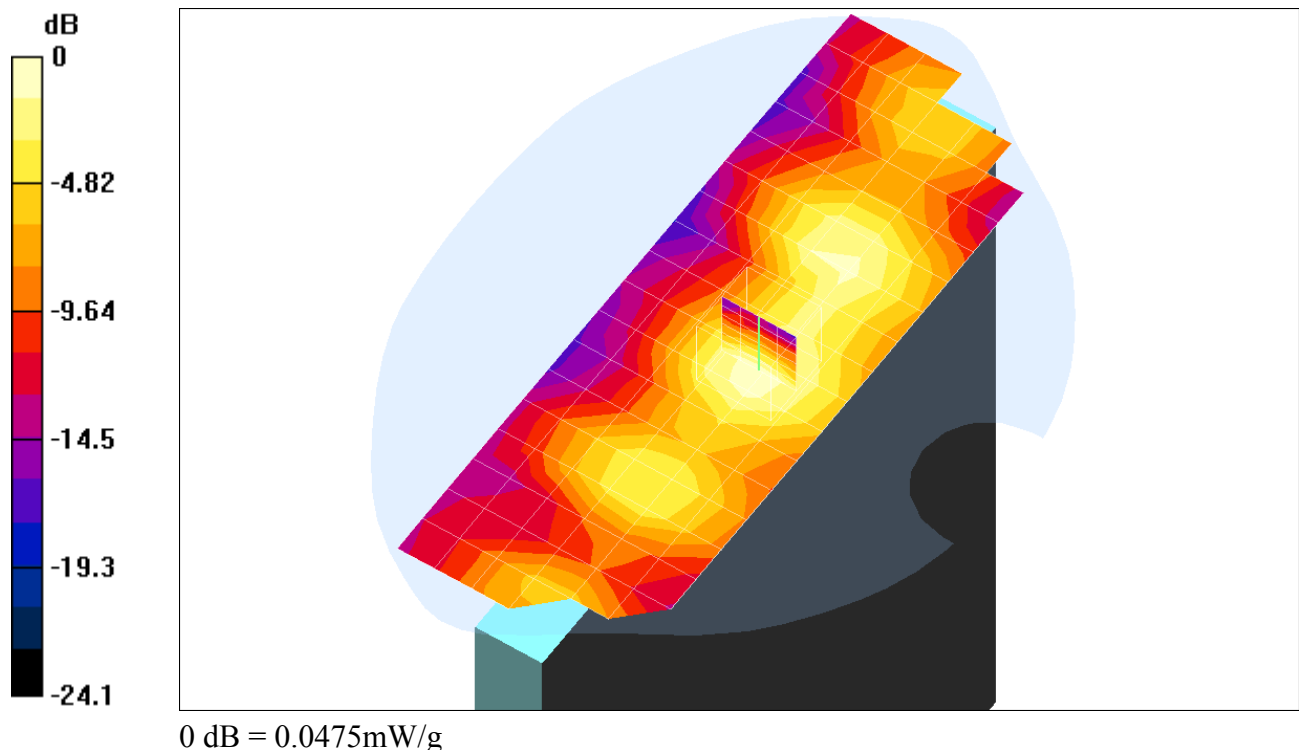
Peak SAR (extrapolated) = 0.0983 W/kg

SAR(1 g) = 0.0462 mW/g; SAR(10 g) = 0.0253 mW/g

Reference Value = 3.97 V/m

Power Drift = 0.12 dB

Maximum value of SAR = 0.0475 mW/g



Test Laboratory: Compliance Certification Services

File Name: [1M-CH_11g_Rate 9_0.0462 mW-ul.da4](#)

DUT: Wistron; Type: BQ12; Serial: BQ12

Program: EUT Setup Configuration 3; 802.11g; AUX Antenna; Data rate: 9

Ambient Temperature: 25.4 deg C; Liquid Temperature: 23.6 deg C

Communication System: OFDM; Frequency: 2437 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

Middle channel (2437MHz)/Area Scan (7x19x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 3.97 V/m

Power Drift = 0.12 dB

Maximum value of SAR = 0.0451 mW/g

Middle channel (2437MHz)/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

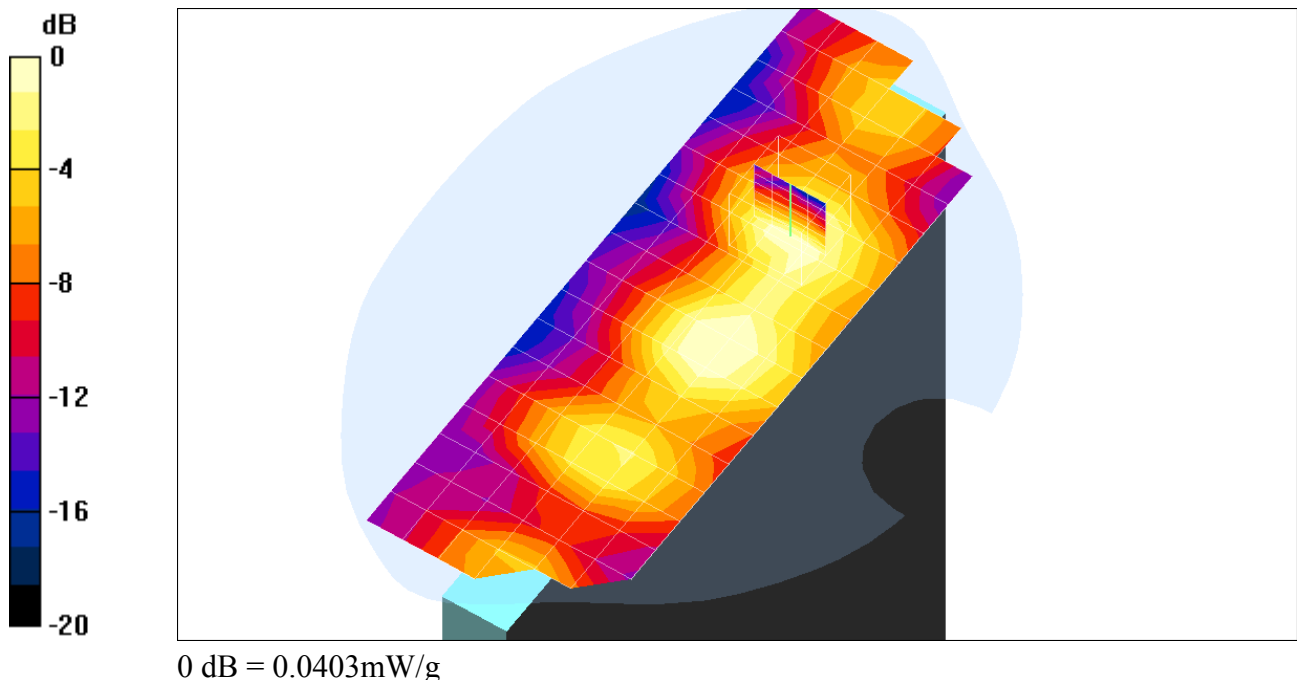
Peak SAR (extrapolated) = 0.0748 W/kg

SAR(1 g) = 0.0384 mW/g; SAR(10 g) = 0.0213 mW/g

Reference Value = 3.97 V/m

Power Drift = 0.12 dB

Maximum value of SAR = 0.0403 mW/g



Test Laboratory: Compliance Certification Services
 File Name: 2M-CH_11g_Rate 12_0.0455 mW_ul.da4

DUT: Wistron; Type: BQ12; Serial: BQ12
Program: EUT Setup Configuration 3; 802.11g; AUX Antenna; Data rate: 12
Ambient Temperature: 25.6 deg C; Liquid Temperature: 23.5 deg C

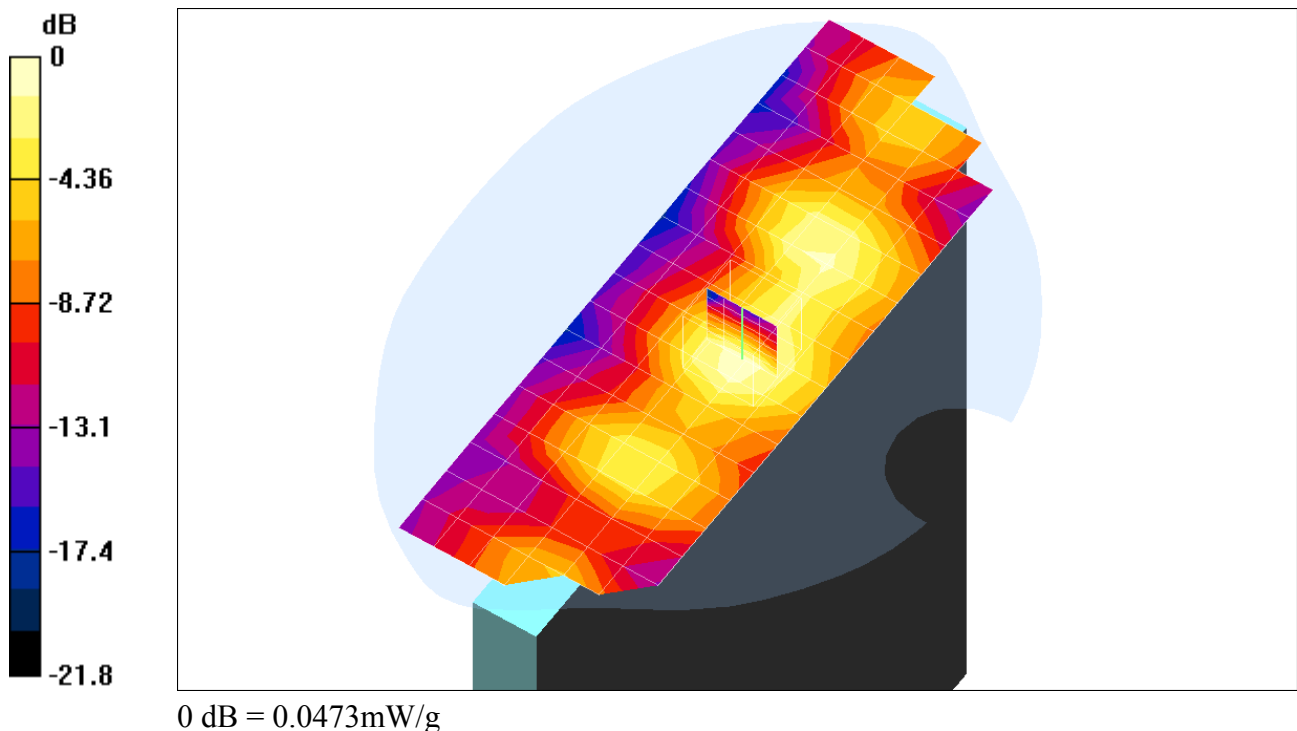
Communication System: OFDM; Frequency: 2437 MHz; Duty Cycle: 1:1
 Medium: Muscle 2450 MHz ($\sigma = 1.9488 \text{ mho/m}$, $\epsilon_r = 51.6364$, $\rho = 1000 \text{ kg/m}^3$)
 Phantom section: Flat Section

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

Middle channel (2437MHz)/Area Scan (7x19x1): Measurement grid: dx=15mm, dy=15mm
 Reference Value = 4.1 V/m
 Power Drift = -0.08 dB
 Maximum value of SAR = 0.0456 mW/g

Middle channel (2437MHz)/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
 Peak SAR (extrapolated) = 0.094 W/kg
SAR(1 g) = 0.0455 mW/g; SAR(10 g) = 0.025 mW/g
 Reference Value = 4.1 V/m
 Power Drift = -0.08 dB
 Maximum value of SAR = 0.0473 mW/g



Test Laboratory: Compliance Certification Services
 File Name: 2M-CH_11g_Rate 12_0.0455 mW_ul.da4

DUT: Wistron; Type: BQ12; Serial: BQ12
Program: EUT Setup Configuration 3; 802.11g; AUX Antenna; Data rate: 12
Ambient Temperature: 25.6 deg C; Liquid Temperature: 23.5 deg C

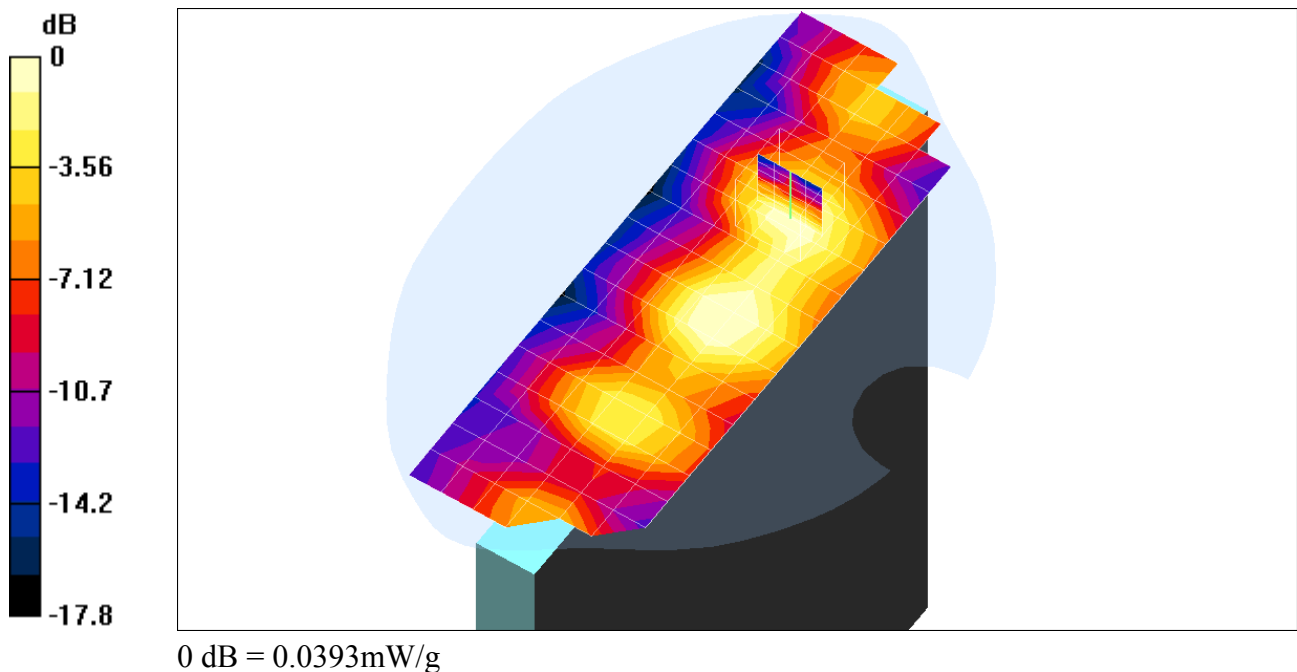
Communication System: OFDM; Frequency: 2437 MHz; Duty Cycle: 1:1
 Medium: Muscle 2450 MHz ($\sigma = 1.9488 \text{ mho/m}$, $\epsilon_r = 51.6364$, $\rho = 1000 \text{ kg/m}^3$)
 Phantom section: Flat Section

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

Middle channel (2437MHz)/Area Scan (7x19x1): Measurement grid: dx=15mm, dy=15mm
 Reference Value = 4.1 V/m
 Power Drift = -0.08 dB
 Maximum value of SAR = 0.0456 mW/g

Middle channel (2437MHz)/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
 Peak SAR (extrapolated) = 0.0849 W/kg
SAR(1 g) = 0.0388 mW/g; SAR(10 g) = 0.0213 mW/g
 Reference Value = 4.1 V/m
 Power Drift = -0.08 dB
 Maximum value of SAR = 0.0393 mW/g



Test Laboratory: Compliance Certification Services

File Name: 3M-CH_11g_Rate 18_0.0439 mW.da4

DUT: Wistron; Type: BQ12; Serial: BQ12

Program: EUT Setup Configuration 3; 802.11g; AUX Antenna; Data rate: 18

Ambient Temperature: 25.6 deg C; Liquid Temperature: 23.4 deg C

Communication System: OFDM; Frequency: 2437 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

Middle channel (2437MHz)/Area Scan (7x19x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 3.99 V/m

Power Drift = -0.06 dB

Maximum value of SAR = 0.0409 mW/g

Middle channel (2437MHz)/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

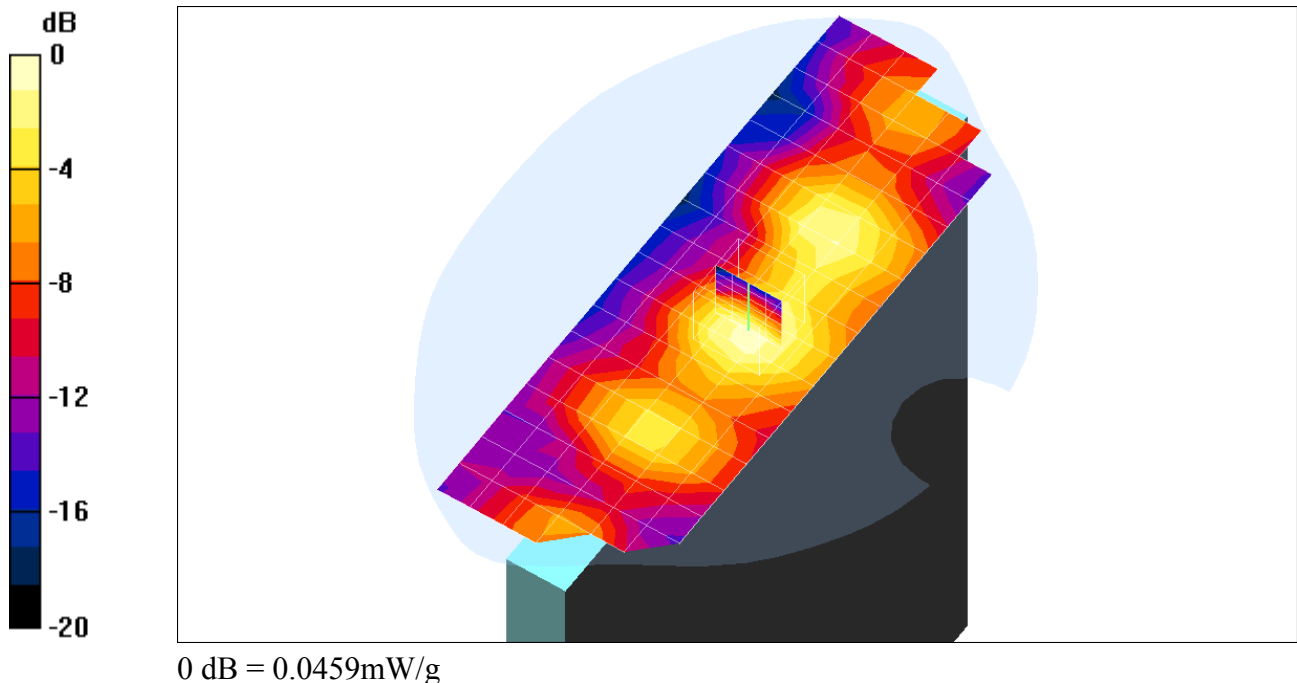
Peak SAR (extrapolated) = 0.089 W/kg

SAR(1 g) = 0.0439 mW/g; SAR(10 g) = 0.024 mW/g

Reference Value = 3.99 V/m

Power Drift = -0.06 dB

Maximum value of SAR = 0.0459 mW/g



Test Laboratory: Compliance Certification Services

File Name: 3M-CH_11g_Rate 18_0.0439 mW.da4

DUT: Wistron; Type: BQ12; Serial: BQ12

Program: EUT Setup Configuration 3; 802.11g; AUX Antenna; Data rate: 18

Ambient Temperature: 25.6 deg C; Liquid Temperature: 23.4 deg C

Communication System: OFDM; Frequency: 2437 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

Middle channel (2437MHz)/Area Scan (7x19x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 3.99 V/m

Power Drift = -0.06 dB

Maximum value of SAR = 0.0409 mW/g

Middle channel (2437MHz)/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

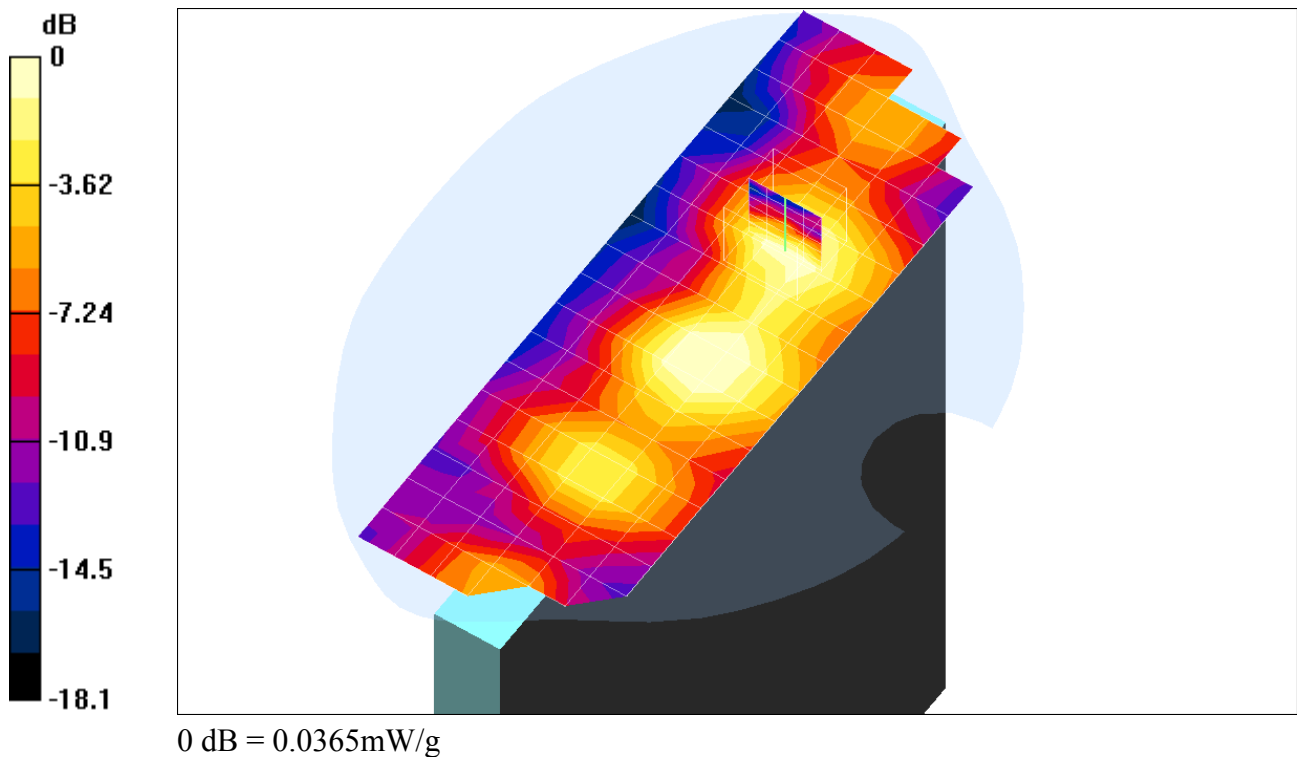
Peak SAR (extrapolated) = 0.0669 W/kg

SAR(1 g) = 0.035 mW/g; SAR(10 g) = 0.0196 mW/g

Reference Value = 3.99 V/m

Power Drift = -0.06 dB

Maximum value of SAR = 0.0365 mW/g



Test Laboratory: Compliance Certification Services

File Name: [4M-CH_11g_Rate 24_0.0439 mW.da4](#)

DUT: Wistron; Type: BQ12; Serial: BQ12

Program: EUT Setup Configuration 3; 802.11g; AUX Antenna; Data rate: 24

Ambient Temperature: 25.5 deg C; Liquid Temperature: 23.5 deg C

Communication System: OFDM; Frequency: 2437 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

Middle channel (2437MHz)/Area Scan (7x19x1): Measurement grid: dx=15mm, dy=15mm

Middle channel (2437MHz)/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Peak SAR (extrapolated) = 0.0898 W/kg

SAR(1 g) = 0.0439 mW/g; SAR(10 g) = 0.0241 mW/g

Reference Value = 4.02 V/m

Power Drift = -0.03 dB

Maximum value of SAR = 0.046 mW/g

Middle channel (2437MHz)/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

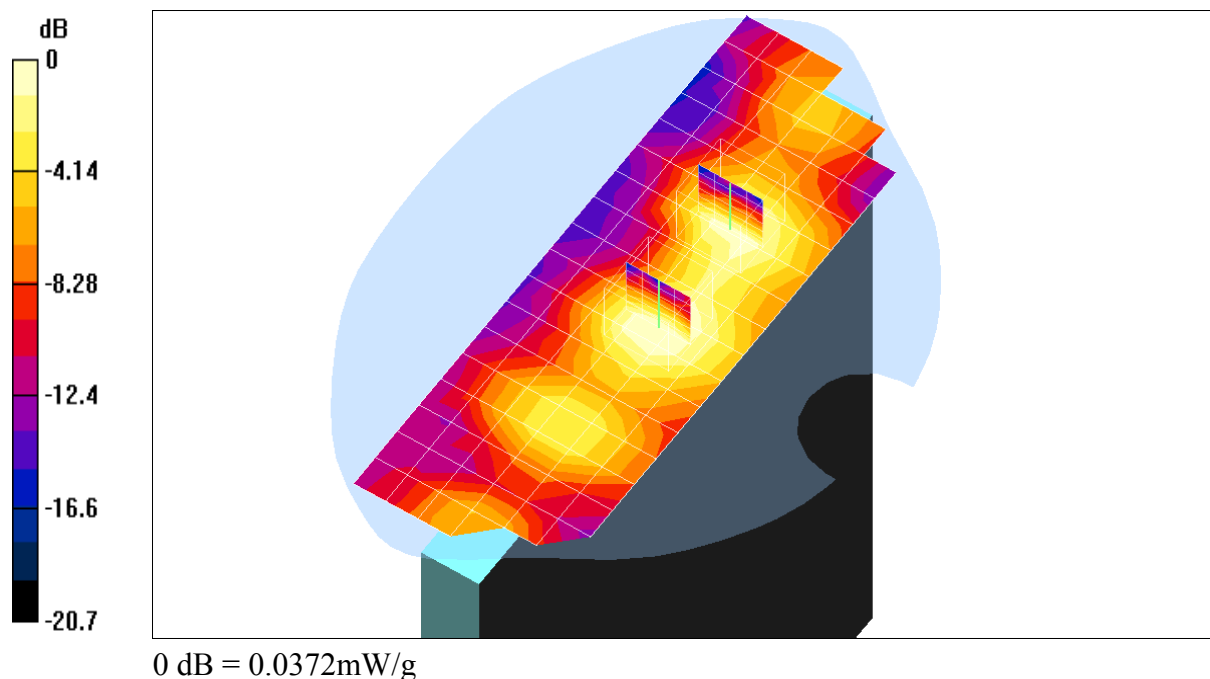
Peak SAR (extrapolated) = 0.0769 W/kg

SAR(1 g) = 0.0358 mW/g; SAR(10 g) = 0.0197 mW/g

Reference Value = 4.02 V/m

Power Drift = -0.03 dB

Maximum value of SAR = 0.0372 mW/g



Test Laboratory: Compliance Certification Services

File Name: 5M-CH_11g_Rate 36_0.0454 mW.da4

DUT: Wistron; Type: BQ12; Serial: BQ12

Program: EUT Setup Configuration 3; 802.11g; AUX Antenna; Data rate: 36

Ambient Temperature: 25.5 deg C; Liquid Temperature: 23.5 deg C

Communication System: OFDM; Frequency: 2437 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

Middle channel (2437MHz)/Area Scan (7x19x1): Measurement grid: dx=15mm, dy=15mm

Middle channel (2437MHz)/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Peak SAR (extrapolated) = 0.0996 W/kg

SAR(1 g) = 0.0454 mW/g; SAR(10 g) = 0.0241 mW/g

Reference Value = 4.43 V/m

Power Drift = 0.1 dB

Maximum value of SAR = 0.0464 mW/g

Middle channel (2437MHz)/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

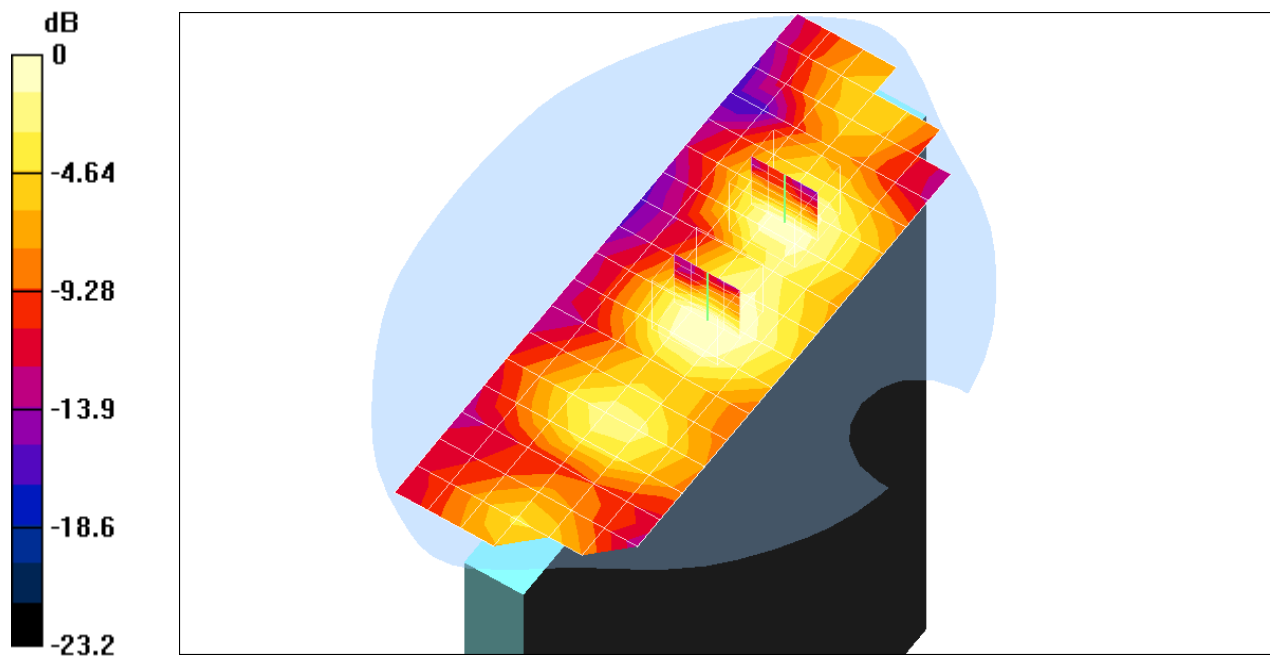
Peak SAR (extrapolated) = 0.0701 W/kg

SAR(1 g) = 0.0346 mW/g; SAR(10 g) = 0.0192 mW/g

Reference Value = 4.43 V/m

Power Drift = 0.1 dB

Maximum value of SAR = 0.0363 mW/g



0 dB = 0.0363mW/g

Test Laboratory: Compliance Certification Services

File Name: 6M-CH_11g_Rate 48_0.0451 mW.da4

DUT: Wistron; Type: BQ12; Serial: BQ12

Program: EUT Setup Configuration 3; 802.11g; AUX Antenna; Data rate: 48

Ambient Temperature: 25.6 deg C; Liquid Temperature: 23.6 deg C

Communication System: OFDM; Frequency: 2437 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

Middle channel (2437MHz)/Area Scan (7x19x1): Measurement grid: dx=15mm, dy=15mm

Middle channel (2437MHz)/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Peak SAR (extrapolated) = 0.0977 W/kg

SAR(1 g) = 0.0451 mW/g; SAR(10 g) = 0.0248 mW/g

Reference Value = 4.43 V/m

Power Drift = -0.04 dB

Maximum value of SAR = 0.0455 mW/g

Middle channel (2437MHz)/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

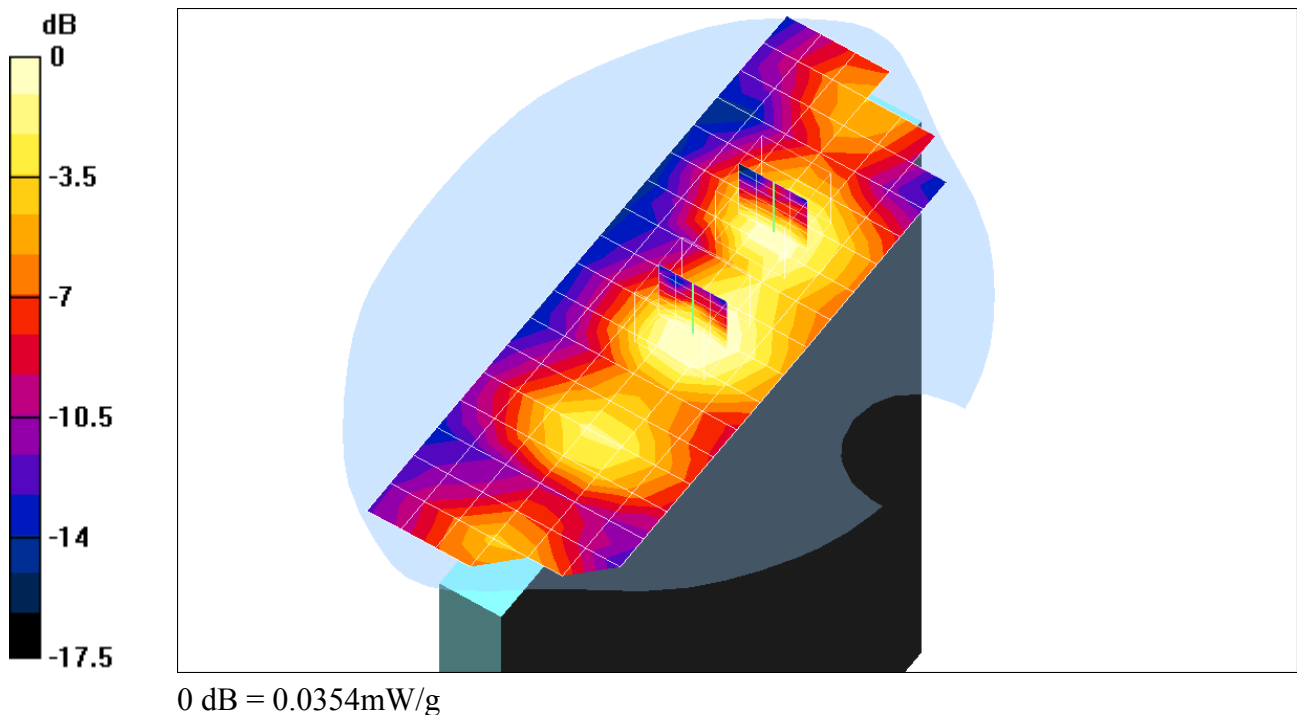
Peak SAR (extrapolated) = 0.0715 W/kg

SAR(1 g) = 0.0345 mW/g; SAR(10 g) = 0.0192 mW/g

Reference Value = 4.43 V/m

Power Drift = -0.04 dB

Maximum value of SAR = 0.0354 mW/g



Test Laboratory: Compliance Certification Services

File Name: 7M-CH_11g_Rate 54_0.0428 mW.da4

DUT: Wistron; Type: BQ12; Serial: BQ12

Program: EUT Setup Configuration 3; 802.11g; AUX Antenna; Data rate: 54

Ambient Temperature: 25.5 deg C; Liquid Temperature: 23.5 deg C

Communication System: OFDM; Frequency: 2437 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

Middle channel (2437MHz)/Area Scan (7x19x1): Measurement grid: dx=15mm, dy=15mm

Middle channel (2437MHz)/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Peak SAR (extrapolated) = 0.0902 W/kg

SAR(1 g) = 0.0428 mW/g; SAR(10 g) = 0.0233 mW/g

Reference Value = 4.41 V/m

Power Drift = -0.01 dB

Maximum value of SAR = 0.0442 mW/g

Middle channel (2437MHz)/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

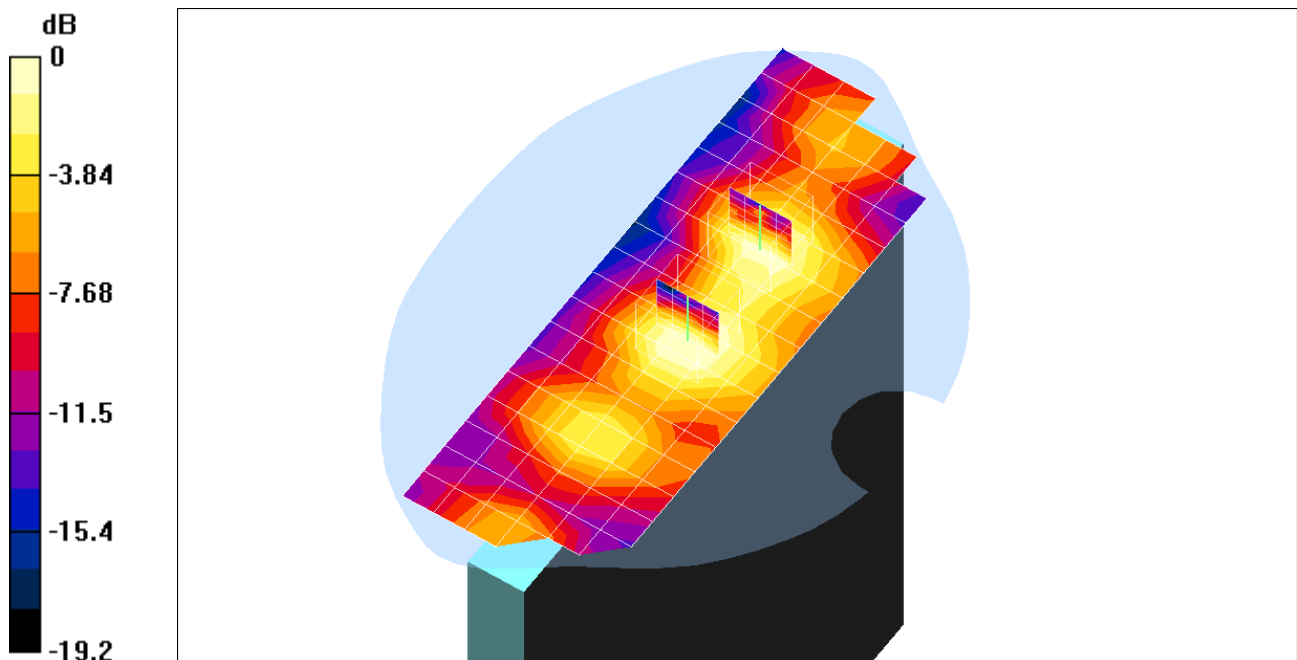
Peak SAR (extrapolated) = 0.0713 W/kg

SAR(1 g) = 0.0346 mW/g; SAR(10 g) = 0.0195 mW/g

Reference Value = 4.41 V/m

Power Drift = -0.01 dB

Maximum value of SAR = 0.0359 mW/g



0 dB = 0.0359mW/g