

Test Laboratory: Compliance Certification Services

1_Host # 1_Toshiba Satellite

DUT: Sierra Wireless; Type: AirCard 860; Serial: X1720158064E2

Communication System: DCS 1900; Frequency: 1850.2 MHz; Duty Cycle: 1:4

Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.51$ mho/m; $\epsilon_r = 51.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Room Ambient Temperature: 23.0 deg. C; Liquid Temperature: 22.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552 ; ConvF(7.82, 7.82, 7.82); Calibrated: 3/19/2005
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 2/7/2005
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

GSM1900 2Slot_L-ch/Area Scan (10x7x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.583 mW/g

GSM1900 2Slot_L-ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 14.2 V/m; Power Drift = -0.152 dB

Peak SAR (extrapolated) = 0.752 W/kg

SAR(1 g) = 0.482 mW/g; SAR(10 g) = 0.270 mW/g

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

Maximum value of SAR (measured) = 0.618 mW/g

GSM1900 2Slot_L-ch/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

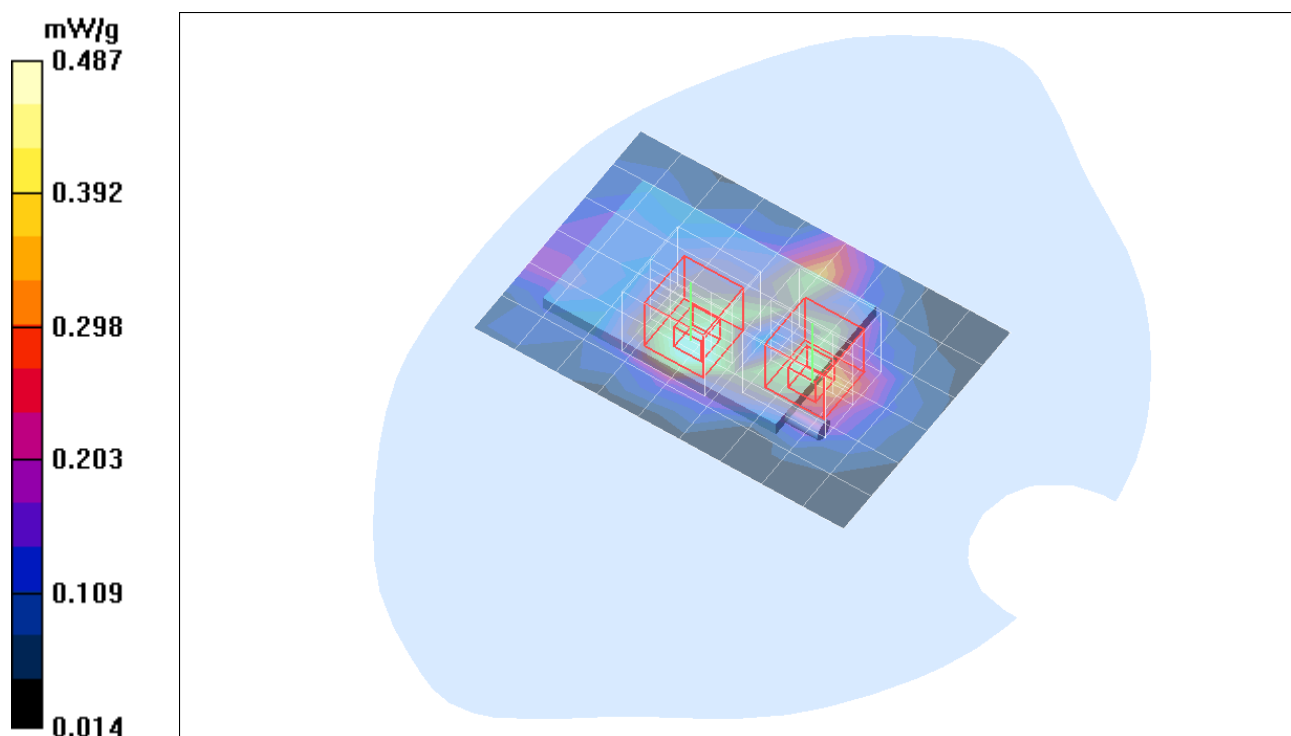
Reference Value = 14.2 V/m; Power Drift = -0.152 dB

Peak SAR (extrapolated) = 0.617 W/kg

SAR(1 g) = 0.379 mW/g; SAR(10 g) = 0.212 mW/g

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

Maximum value of SAR (measured) = 0.487 mW/g



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1_Host # 1_Toshiba Satellite

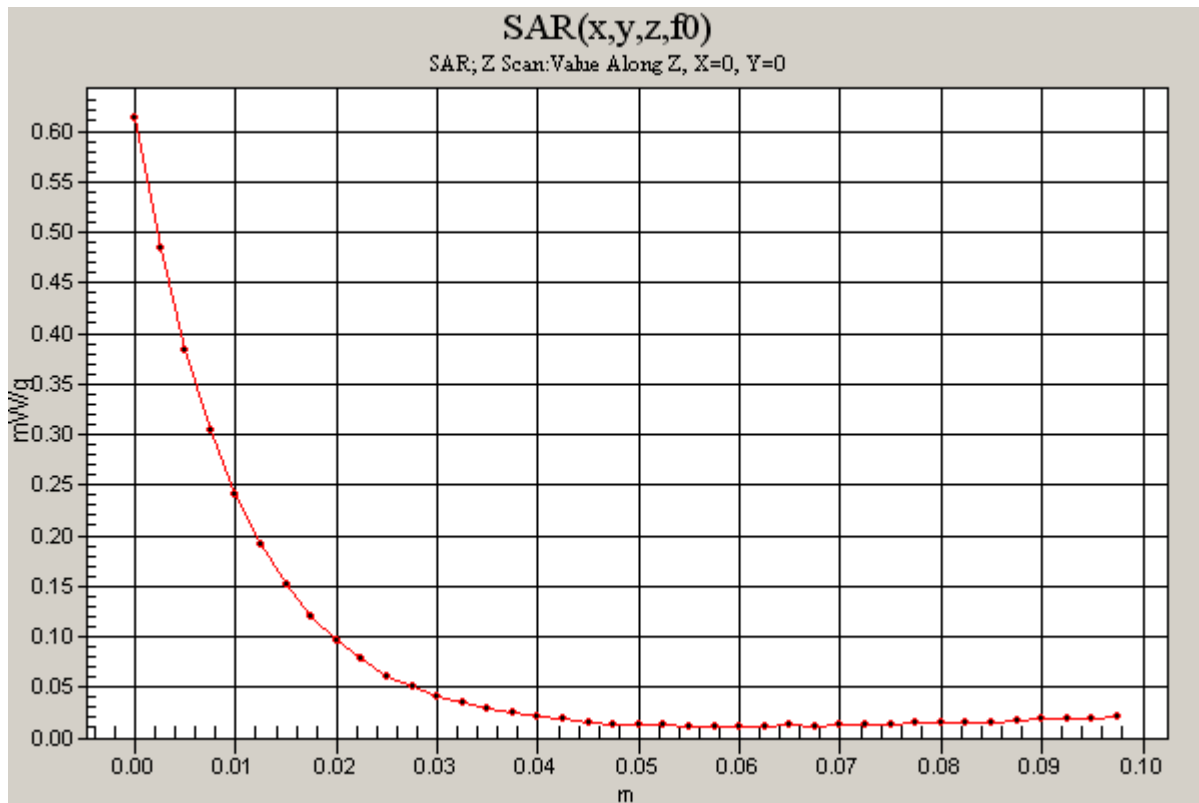
DUT: Sierra Wireless; Type: AirCard 860; Serial: X1720158064E2

Communication System: DCS 1900; Frequency: 1850.2 MHz; Duty Cycle: 1:4

GSM1900 2Slot_L-ch/Z Scan (1x1x41): Measurement grid: dx=20mm, dy=20mm, dz=2.5mm

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

Maximum value of SAR (measured) = 0.613 mW/g



Test Laboratory: Compliance Certification Services

1_Host # 1_Toshiba Satellite

DUT: Sierra Wireless; Type: AirCard 860; Serial: X1720158064E2

Communication System: DCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:4

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.55$ mho/m; $\epsilon_r = 51.3$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Room Ambient Temperature: 23.0 deg. C; Liquid Temperature: 22.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552 ; ConvF(7.82, 7.82, 7.82); Calibrated: 3/19/2005
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 2/7/2005
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

GSM1900 2Slot_M-ch/Area Scan (10x7x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.506 mW/g

GSM1900 2Slot_M-ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 14.6 V/m; Power Drift = -0.024 dB

Peak SAR (extrapolated) = 0.697 W/kg

SAR(1 g) = 0.444 mW/g; SAR(10 g) = 0.254 mW/g

Maximum value of SAR (measured) = 0.578 mW/g

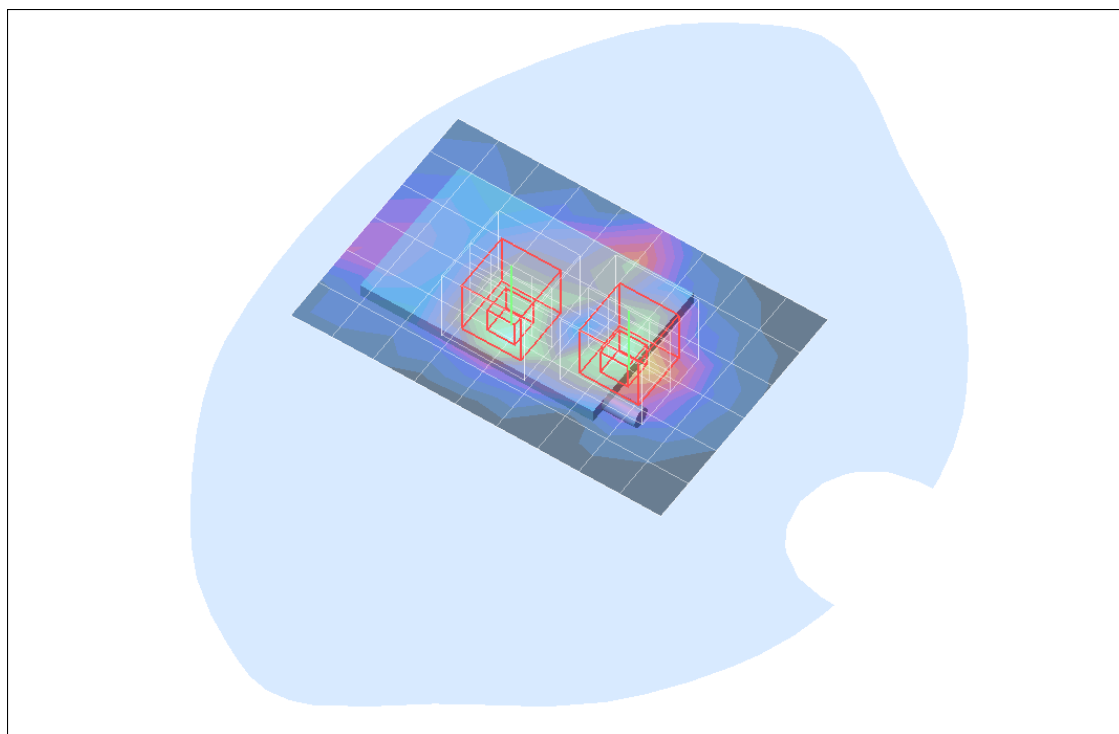
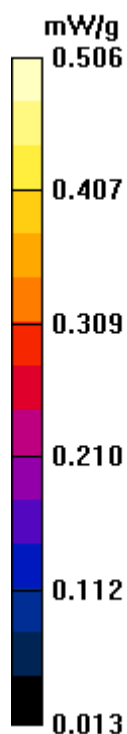
GSM1900 2Slot_M-ch/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 14.6 V/m; Power Drift = -0.024 dB

Peak SAR (extrapolated) = 0.656 W/kg

SAR(1 g) = 0.407 mW/g; SAR(10 g) = 0.229 mW/g

Maximum value of SAR (measured) = 0.508 mW/g



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1_Host # 1_Toshiba Satellite

DUT: Sierra Wireless; Type: AirCard 860; Serial: X1720158064E2

Communication System: DCS 1900; Frequency: 1909.8 MHz; Duty Cycle: 1:4

Medium parameters used (interpolated): $f = 1909.8$ MHz; $\sigma = 1.58$ mho/m; $\epsilon_r = 51.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Room Ambient Temperature: 23.0 deg. C; Liquid Temperature: 22.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552 ; ConvF(7.82, 7.82, 7.82); Calibrated: 3/19/2005
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 2/7/2005
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

GSM1900 2Slot_H-ch/Area Scan (10x7x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.396 mW/g

GSM1900 2Slot_H-ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 13.4 V/m; Power Drift = -0.026 dB

Peak SAR (extrapolated) = 0.529 W/kg

SAR(1 g) = 0.325 mW/g; SAR(10 g) = 0.182 mW/g

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

Maximum value of SAR (measured) = 0.413 mW/g

GSM1900 2Slot_H-ch/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

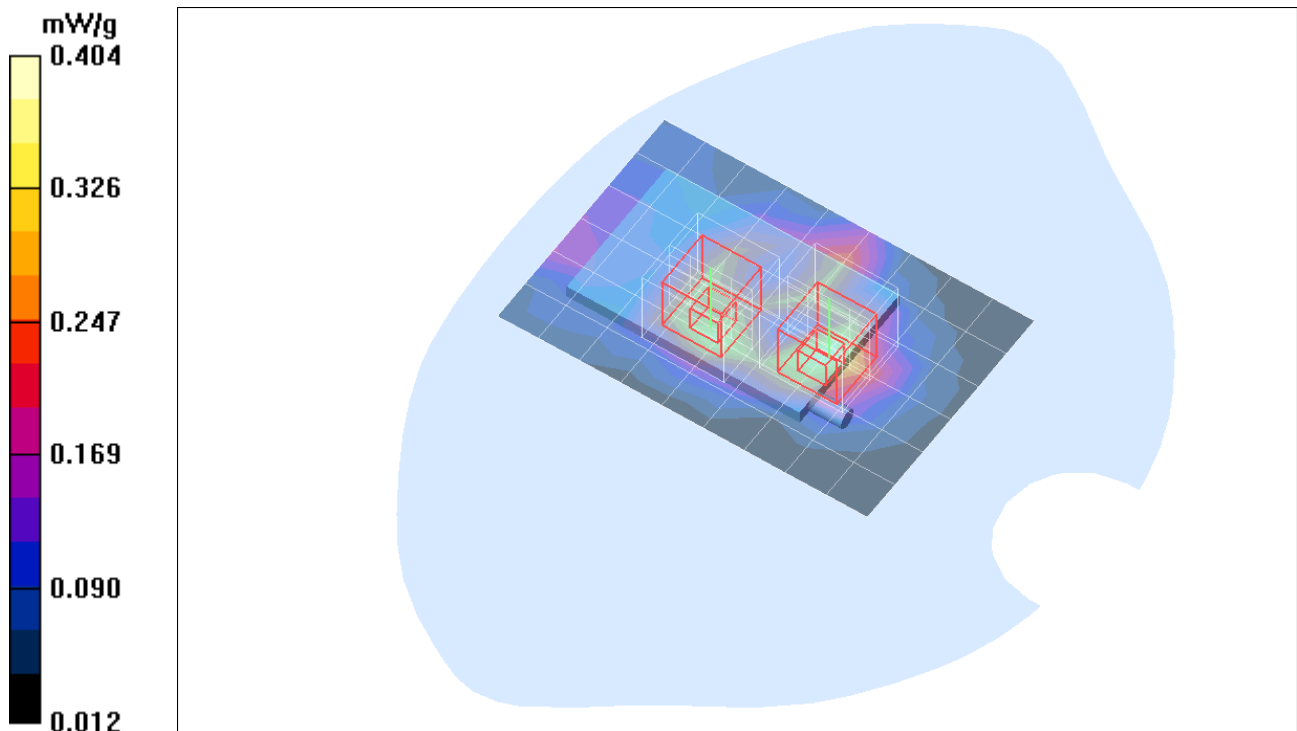
Reference Value = 13.4 V/m; Power Drift = -0.026 dB

Peak SAR (extrapolated) = 0.501 W/kg

SAR(1 g) = 0.319 mW/g; SAR(10 g) = 0.184 mW/g

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

Maximum value of SAR (measured) = 0.404 mW/g



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1_Host # 1_Toshiba Satellite

DUT: Sierra Wireless; Type: AirCard 860; Serial: X1720158064E2

Communication System: DCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:4

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.55$ mho/m; $\epsilon_r = 51.3$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Room Ambient Temperature: 23.0 deg. C; Liquid Temperature: 22.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552 ; ConvF(7.82, 7.82, 7.82); Calibrated: 3/19/2005
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 2/7/2005
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

EDGE1900 2Slot_M-ch/Area Scan (10x7x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.245 mW/g

EDGE1900 2Slot_M-ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 10.9 V/m; Power Drift = -0.097 dB

Peak SAR (extrapolated) = 0.320 W/kg

SAR(1 g) = 0.214 mW/g; SAR(10 g) = 0.128 mW/g

Maximum value of SAR (measured) = 0.262 mW/g

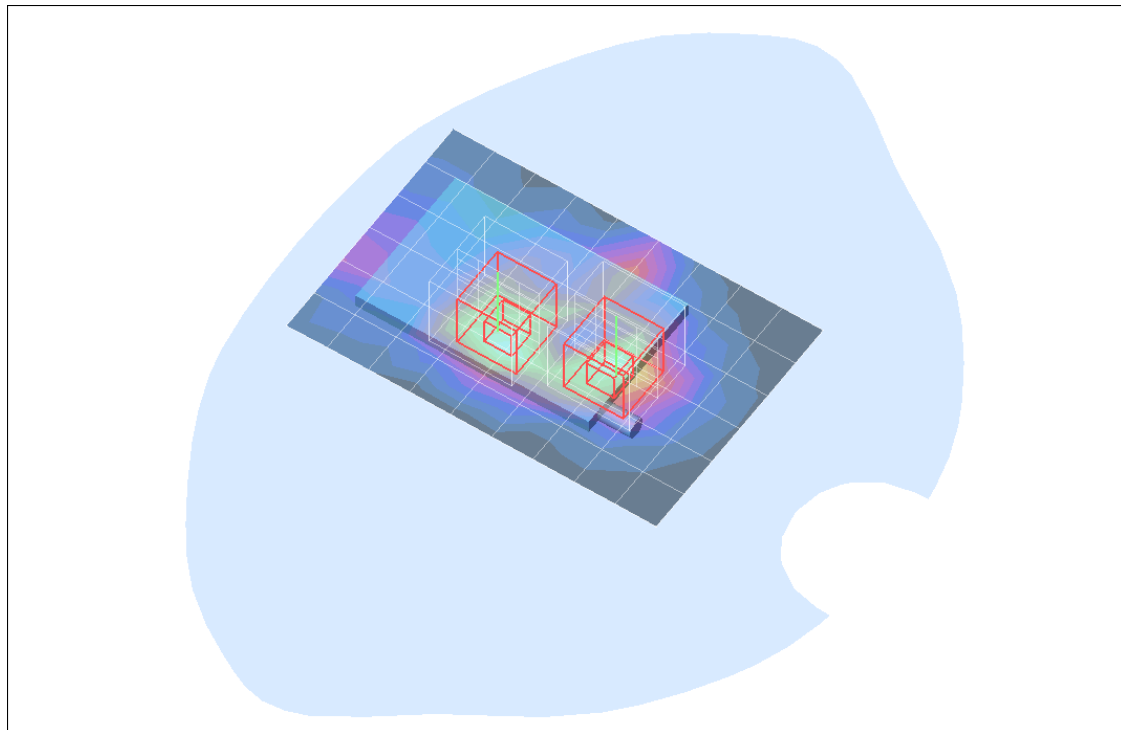
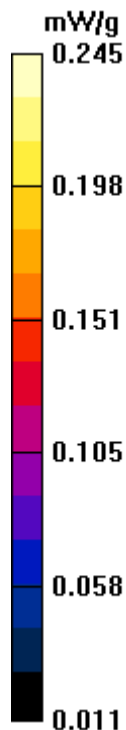
EDGE1900 2Slot_M-ch/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 10.9 V/m; Power Drift = -0.097 dB

Peak SAR (extrapolated) = 0.310 W/kg

SAR(1 g) = 0.194 mW/g; SAR(10 g) = 0.112 mW/g

Maximum value of SAR (measured) = 0.246 mW/g



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1_Host # 1_Toshiba Satellite

DUT: Sierra Wireless; Type: AirCard 860; Serial: X1720158064E2

Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.51$ mho/m; $\epsilon_r = 51.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Room Ambient Temperature: 23.0 deg. C; Liquid Temperature: 22.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552 ; ConvF(7.82, 7.82, 7.82); Calibrated: 3/19/2005
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 2/7/2005
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

WCDMA1900_L-ch/Area Scan (10x7x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.479 mW/g

WCDMA1900_L-ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 12.0 V/m; Power Drift = -0.029 dB

Peak SAR (extrapolated) = 0.735 W/kg

SAR(1 g) = 0.467 mW/g; SAR(10 g) = 0.265 mW/g

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

Maximum value of SAR (measured) = 0.594 mW/g

WCDMA1900_L-ch/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

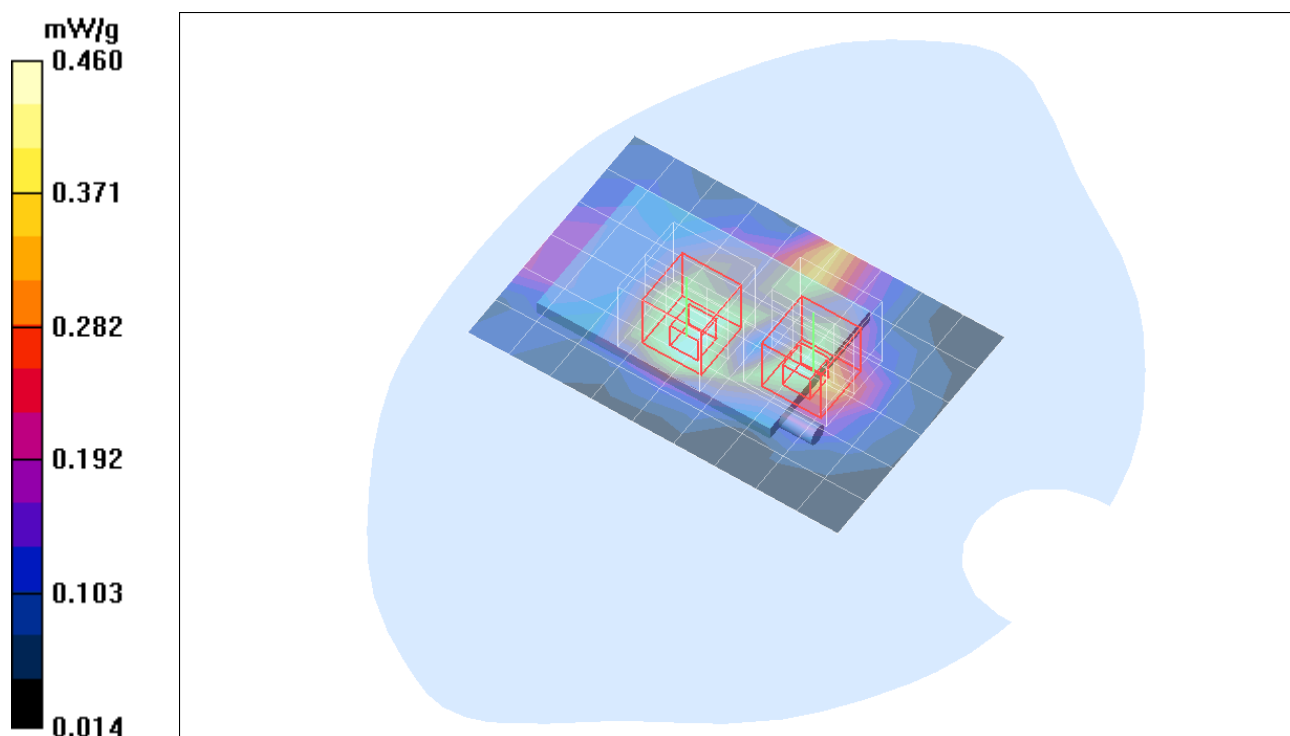
Reference Value = 12.0 V/m; Power Drift = -0.029 dB

Peak SAR (extrapolated) = 0.603 W/kg

SAR(1 g) = 0.371 mW/g; SAR(10 g) = 0.206 mW/g

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

Maximum value of SAR (measured) = 0.460 mW/g



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1_Host # 1_Toshiba Satellite

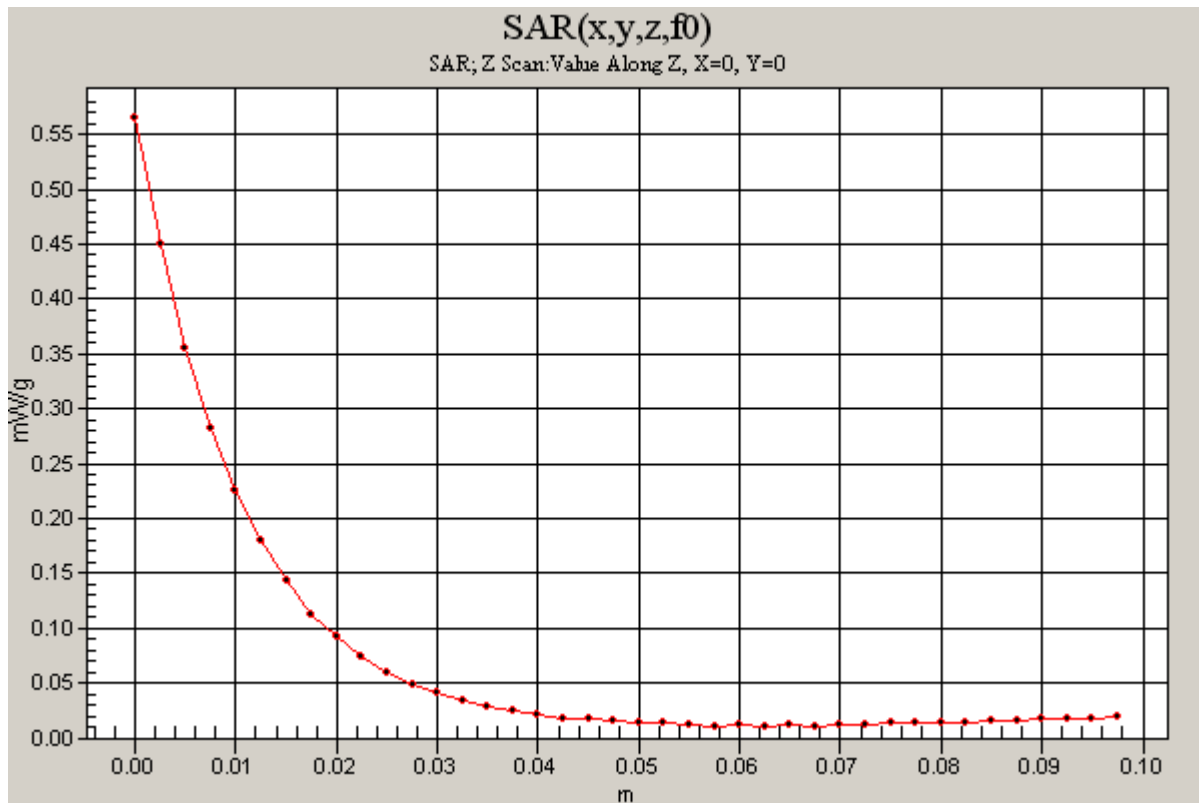
DUT: Sierra Wireless; Type: AirCard 860; Serial: X1720158064E2

Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1

WCDMA1900_L-ch/Z Scan (1x1x41): Measurement grid: dx=20mm, dy=20mm, dz=2.5mm

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

Maximum value of SAR (measured) = 0.565 mW/g



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1_Host # 1_Toshiba Satellite

DUT: Sierra Wireless; Type: AirCard 860; Serial: X1720158064E2

Communication System: WCDMA; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.55$ mho/m; $\epsilon_r = 51.3$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Room Ambient Temperature: 23.0 deg. C; Liquid Temperature: 22.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552 ; ConvF(7.82, 7.82, 7.82); Calibrated: 3/19/2005
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 2/7/2005
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

WCDMA1900_M-ch/Area Scan (10x7x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.499 mW/g

WCDMA1900_M-ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 15.9 V/m; Power Drift = -0.136 dB

Peak SAR (extrapolated) = 0.642 W/kg

SAR(1 g) = 0.419 mW/g; SAR(10 g) = 0.248 mW/g

Maximum value of SAR (measured) = 0.521 mW/g

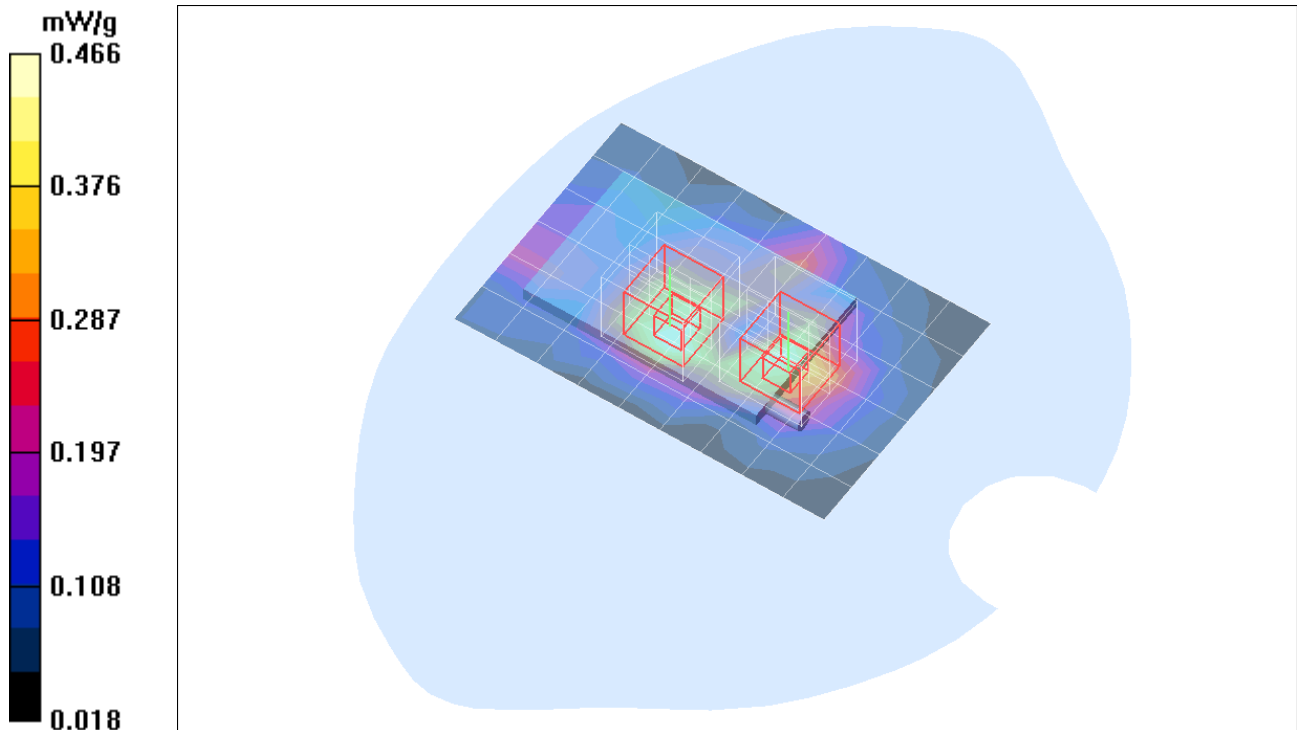
WCDMA1900_M-ch/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 15.9 V/m; Power Drift = -0.136 dB

Peak SAR (extrapolated) = 0.591 W/kg

SAR(1 g) = 0.362 mW/g; SAR(10 g) = 0.204 mW/g

Maximum value of SAR (measured) = 0.466 mW/g



Test Laboratory: Compliance Certification Services

1_Host # 1_Toshiba Satellite

DUT: Sierra Wireless; Type: AirCard 860; Serial: X1720158064E2

Communication System: WCDMA; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1907.6$ MHz; $\sigma = 1.58$ mho/m; $\epsilon_r = 51.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Room Ambient Temperature: 23.0 deg. C; Liquid Temperature: 22.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552 ; ConvF(7.82, 7.82, 7.82); Calibrated: 3/19/2005
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 2/7/2005
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

WCDMA1900_H-ch/Area Scan (10x7x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.388 mW/g

WCDMA1900_H-ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 12.3 V/m; Power Drift = -0.088 dB

Peak SAR (extrapolated) = 0.517 W/kg

SAR(1 g) = 0.329 mW/g; SAR(10 g) = 0.192 mW/g

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

Maximum value of SAR (measured) = 0.422 mW/g

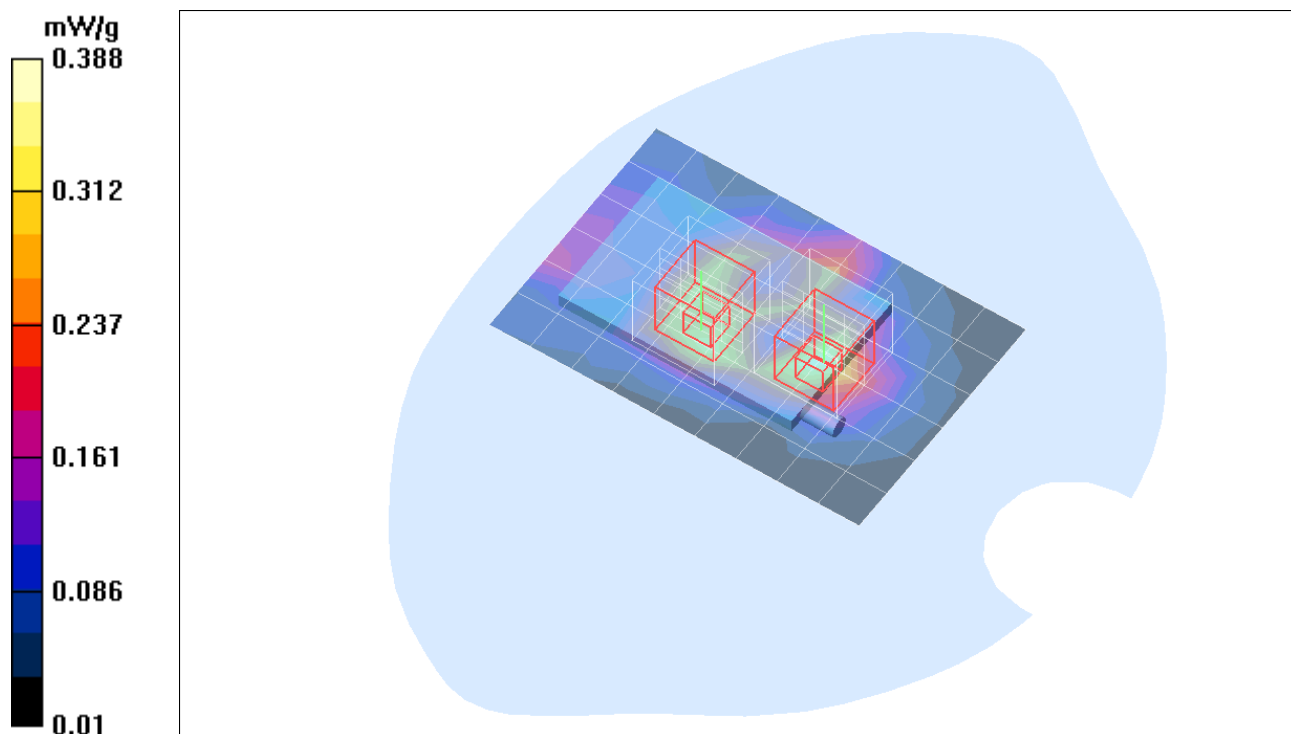
WCDMA1900_H-ch/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 12.3 V/m; Power Drift = -0.088 dB

Peak SAR (extrapolated) = 0.502 W/kg

SAR(1 g) = 0.312 mW/g; SAR(10 g) = 0.174 mW/g

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



Test Laboratory: Compliance Certification Services

2_Host # 2_NEC VERSA SX

DUT: Sierra Wireless; Type: AirCard 860; Serial: X1720158064E2

Communication System: DCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:4
 Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.55 \text{ mho/m}$; $\epsilon_r = 51.3$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

Room Ambient Temperature: 23.0 deg. C; Liquid Temperature: 22.0 deg. C

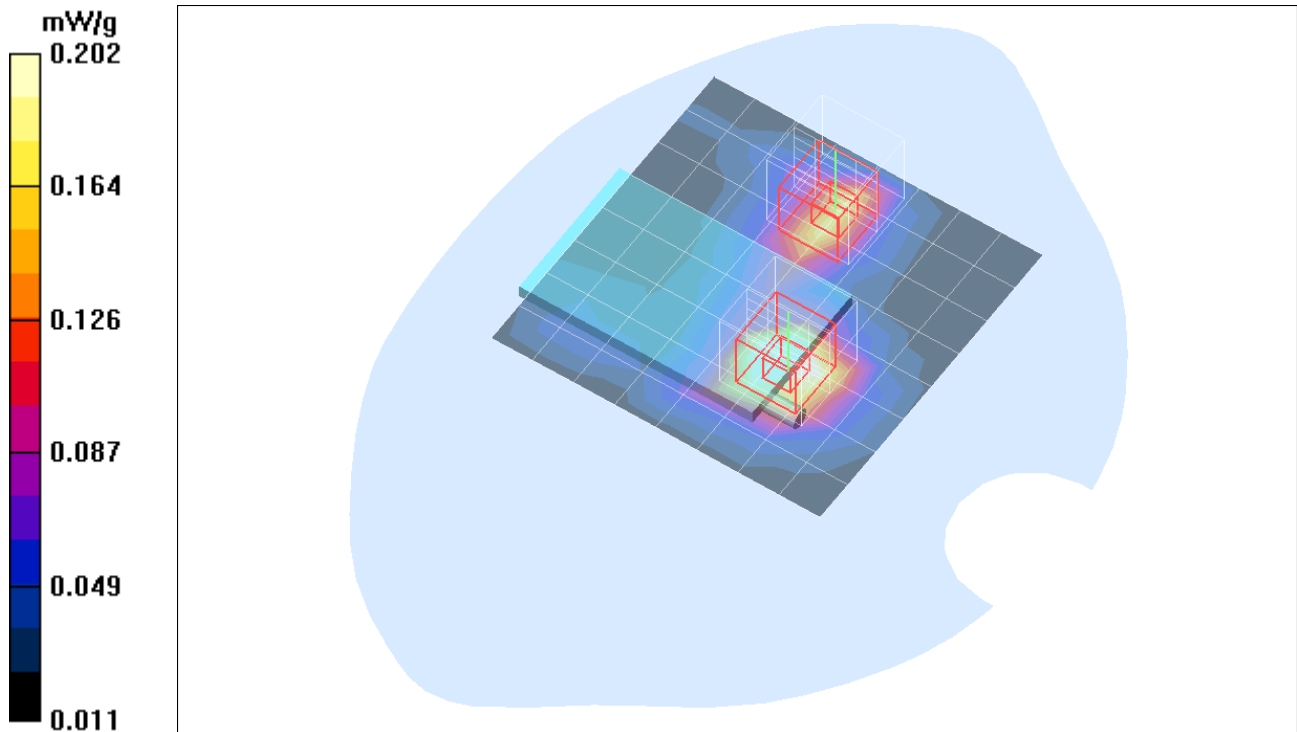
DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552 ; ConvF(7.82, 7.82, 7.82); Calibrated: 3/19/2005
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 2/7/2005
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

GSM1900 2Slot_M-ch/Area Scan (9x9x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 0.273 mW/g

GSM1900 2Slot_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 = 11.0 V/m; Power Drift = -0.068 dB
 Peak SAR (extrapolated) = 0.408 W/kg
SAR(1 g) = 0.239 mW/g; SAR(10 g) = 0.130 mW/g
 Maximum value of SAR (measured) = 0.314 mW/g

GSM1900 2Slot_M-ch/Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=5\text{mm}$
 Reference Value = 11.0 V/m; Power Drift = -0.068 dB
 Peak SAR (extrapolated) = 0.253 W/kg
SAR(1 g) = 0.151 mW/g; SAR(10 g) = 0.084 mW/g
 Maximum value of SAR (measured) = 0.202 mW/g



Test Laboratory: Compliance Certification Services

2_Host # 2_NEC VERSA SX

DUT: Sierra Wireless; Type: AirCard 860; Serial: X1720158064E2

Communication System: DCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:4

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.55$ mho/m; $\epsilon_r = 51.3$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Room Ambient Temperature: 23.0 deg. C; Liquid Temperature: 22.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552 ; ConvF(7.82, 7.82, 7.82); Calibrated: 3/19/2005
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 2/7/2005
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

EDGE GSM1900 2Slot_M-ch/Area Scan (9x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.140 mW/g

EDGE GSM1900 2Slot_M-ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 7.70 V/m; Power Drift = -0.097 dB

Peak SAR (extrapolated) = 0.211 W/kg

SAR(1 g) = 0.127 mW/g; SAR(10 g) = 0.071 mW/g

Maximum value of SAR (measured) = 0.163 mW/g

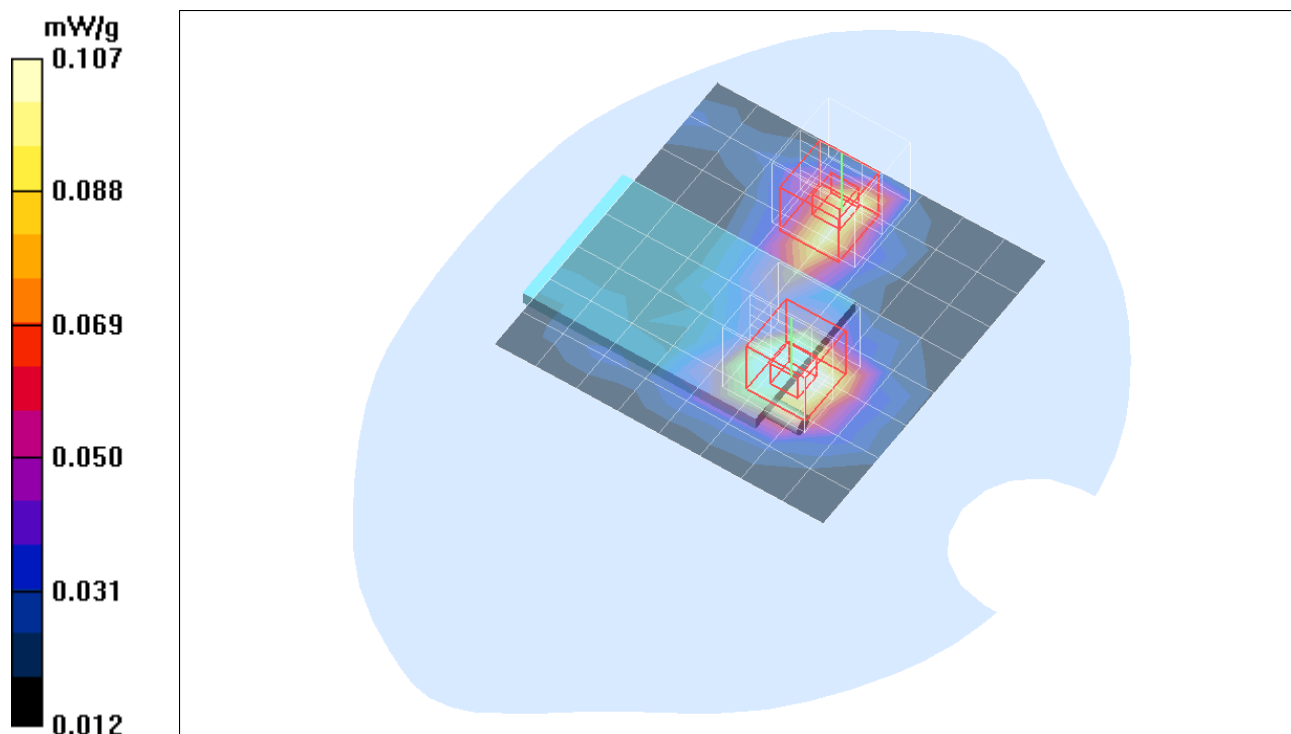
EDGE GSM1900 2Slot_M-ch/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 7.70 V/m; Power Drift = -0.097 dB

Peak SAR (extrapolated) = 0.149 W/kg

SAR(1 g) = 0.084 mW/g; SAR(10 g) = 0.050 mW/g

Maximum value of SAR (measured) = 0.107 mW/g



Test Laboratory: Compliance Certification Services

2_Host # 2_NEC VERSA SX

DUT: Sierra Wireless; Type: AirCard 860; Serial: X1720158064E2

Communication System: WCDMA; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.55$ mho/m; $\epsilon_r = 51.3$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Room Ambient Temperature: 23.0 deg. C; Liquid Temperature: 22.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552 ; ConvF(7.82, 7.82, 7.82); Calibrated: 3/19/2005
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 2/7/2005
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

WCDMA1900_M-ch/Area Scan (9x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.261 mW/g

WCDMA1900_M-ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 11.0 V/m; Power Drift = -0.162 dB

Peak SAR (extrapolated) = 0.370 W/kg

SAR(1 g) = 0.214 mW/g; SAR(10 g) = 0.116 mW/g

Maximum value of SAR (measured) = 0.284 mW/g

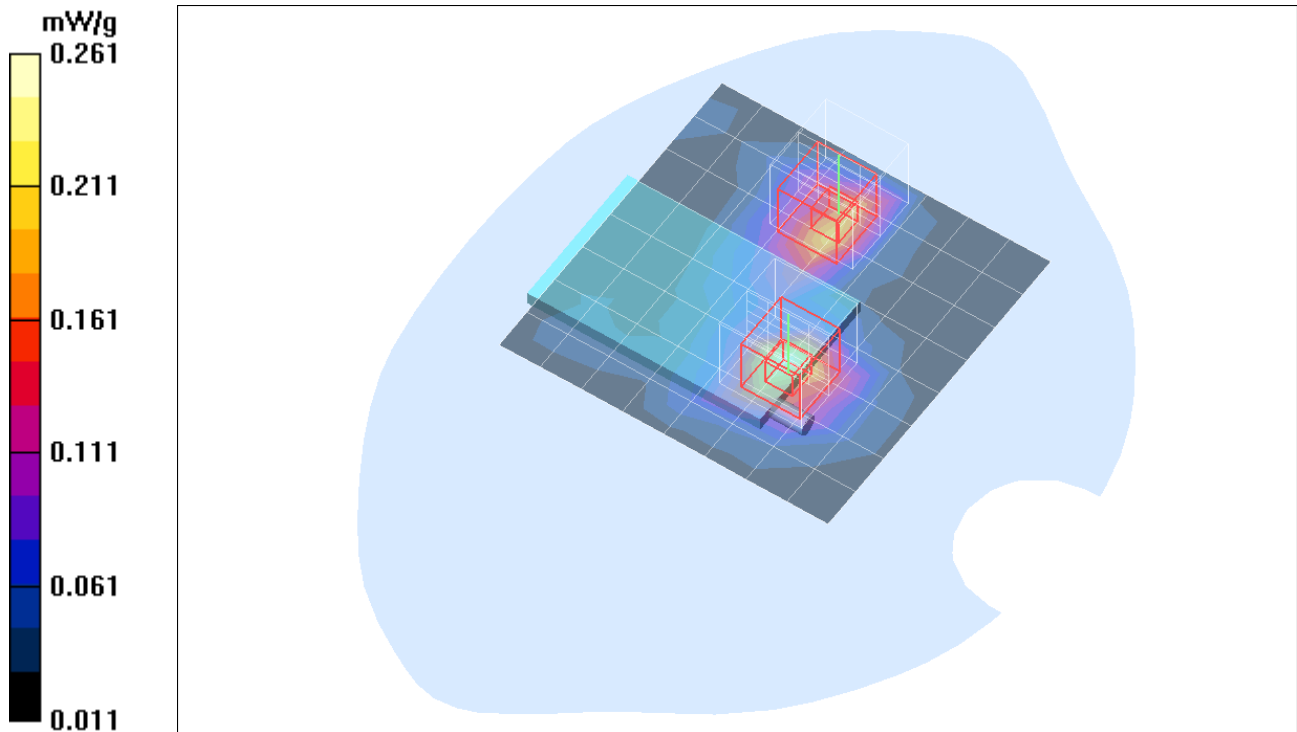
WCDMA1900_M-ch/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 11.0 V/m; Power Drift = -0.162 dB

Peak SAR (extrapolated) = 0.297 W/kg

SAR(1 g) = 0.179 mW/g; SAR(10 g) = 0.102 mW/g

Maximum value of SAR (measured) = 0.231 mW/g



Test Laboratory: Compliance Certification Services

3_Host # 3_Compacq ARMADA E500

DUT: Sierra Wireless; Type: AirCard 860; Serial: X1720158064E2

Communication System: DCS 1900; Frequency: 1880 MHz;Duty Cycle: 1:4

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.55$ mho/m; $\epsilon_r = 51.3$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Room Ambient Temperature: 23.0 deg. C; Liquid Temperature: 22.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552 ; ConvF(7.82, 7.82, 7.82); Calibrated: 3/19/2005
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 2/7/2005
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

GSM1900 2Slot_M-ch/Area Scan (9x8x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.210 mW/g

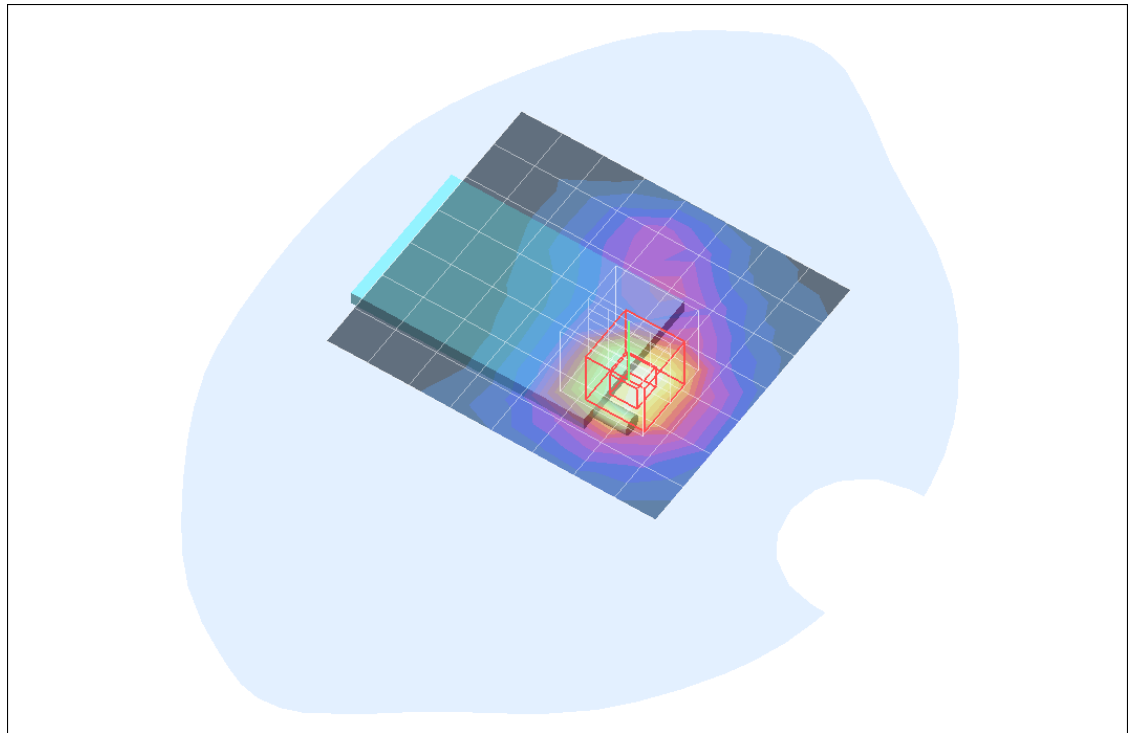
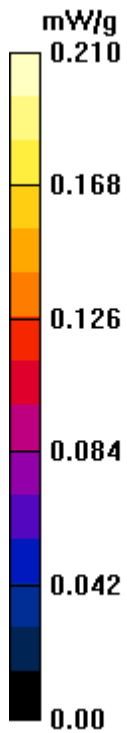
GSM1900 2Slot_M-ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 9.63 V/m; Power Drift = -0.121 dB

Peak SAR (extrapolated) = 0.329 W/kg

SAR(1 g) = 0.204 mW/g; SAR(10 g) = 0.113 mW/g

Maximum value of SAR (measured) = 0.263 mW/g



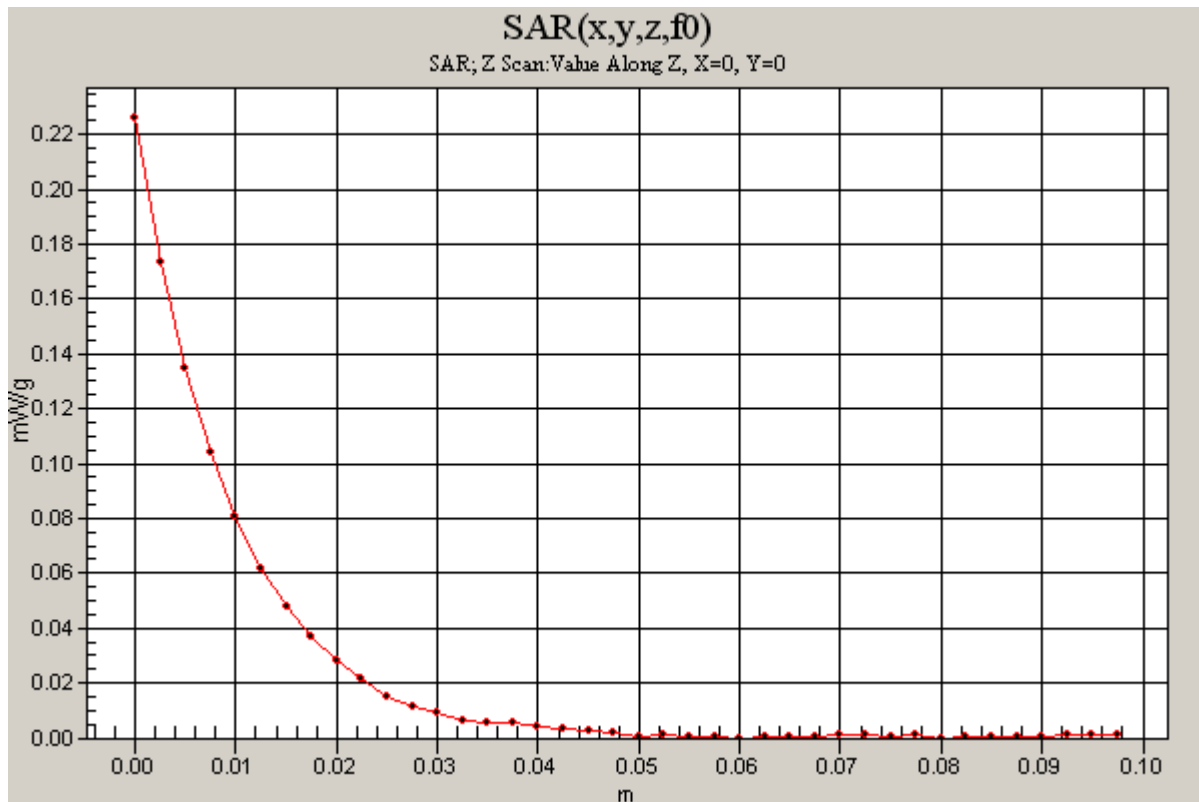
Test Laboratory: Compliance Certification Services

3_Host # 3_Compac ARMADA E500

DUT: Sierra Wireless; Type: AirCard 860; Serial: X1720158064E2

Communication System: DCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:4

GSM1900 2Slot_M-ch/Z Scan (1x1x41): Measurement grid: dx=20mm, dy=20mm, dz=2.5mm
Maximum value of SAR (measured) = 0.226 mW/g



Test Laboratory: Compliance Certification Services

3_Host # 3_Compac ARMADA E500

DUT: Sierra Wireless; Type: AirCard 860; Serial: X1720158064E2

Communication System: DCS 1900; Frequency: 1880 MHz;Duty Cycle: 1:4

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.55$ mho/m; $\epsilon_r = 51.3$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Room Ambient Temperature: 23.0 deg. C; Liquid Temperature: 22.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552 ; ConvF(7.82, 7.82, 7.82); Calibrated: 3/19/2005
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 2/7/2005
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

EDGE GSM1900 2Slot_M-ch/Area Scan (9x8x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.097 mW/g

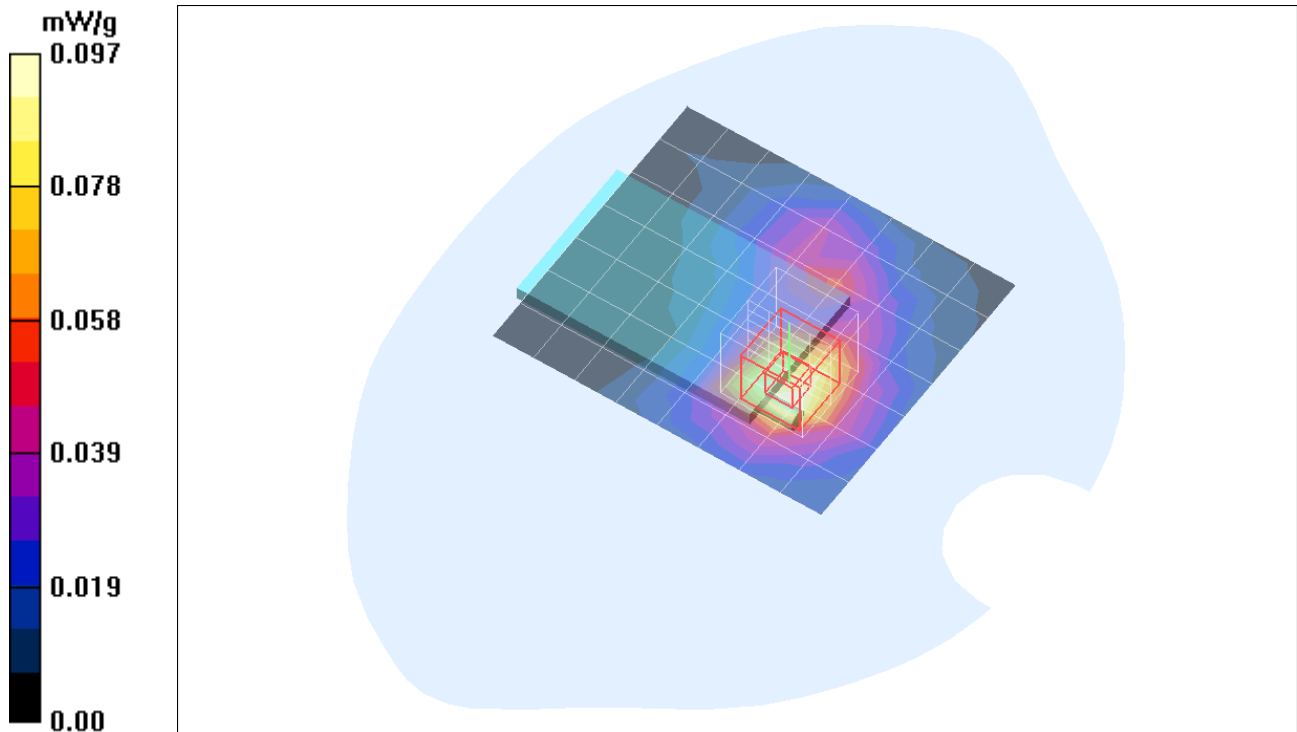
EDGE GSM1900 2Slot_M-ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 7.31 V/m; Power Drift = -0.171 dB

Peak SAR (extrapolated) = 0.144 W/kg

SAR(1 g) = 0.090 mW/g; SAR(10 g) = 0.051 mW/g

Maximum value of SAR (measured) = 0.115 mW/g



Test Laboratory: Compliance Certification Services

3_Host # 3_Compacq ARMADA E500

DUT: Sierra Wireless; Type: AirCard 860; Serial: X1720158064E2

Communication System: WCDMA; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.55$ mho/m; $\epsilon_r = 51.3$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Room Ambient Temperature: 23.0 deg. C; Liquid Temperature: 22.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552 ; ConvF(7.82, 7.82, 7.82); Calibrated: 3/19/2005
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 2/7/2005
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

WCDMA1900_M-ch/Area Scan (9x8x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.141 mW/g

WCDMA1900_M-ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 9.40 V/m; Power Drift = -0.132 dB

Peak SAR (extrapolated) = 0.220 W/kg

SAR(1 g) = 0.138 mW/g; SAR(10 g) = 0.078 mW/g

Maximum value of SAR (measured) = 0.172 mW/g

