

Test Laboratory: Compliance Certification Services

Secondary Landscape

DUT: Broadcom Soyuz tablet; Type: 802.11abgn; Serial: N/A

Communication System: 802.11bg; Frequency: 2437 MHz; Duty Cycle: 1:1.03

Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.97$ mho/m; $\epsilon_r = 51.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with peak SAR value greater than 0.0012W/kg
- Probe: EX3DV3 - SN3531; ConvF(7.91, 7.91, 7.91); Calibrated: 4/23/2008
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 11/16/2007
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

B mode Secondary Landscape Main - M ch/Area Scan (7x8x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.886 mW/g

B mode Secondary Landscape Main - M ch/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

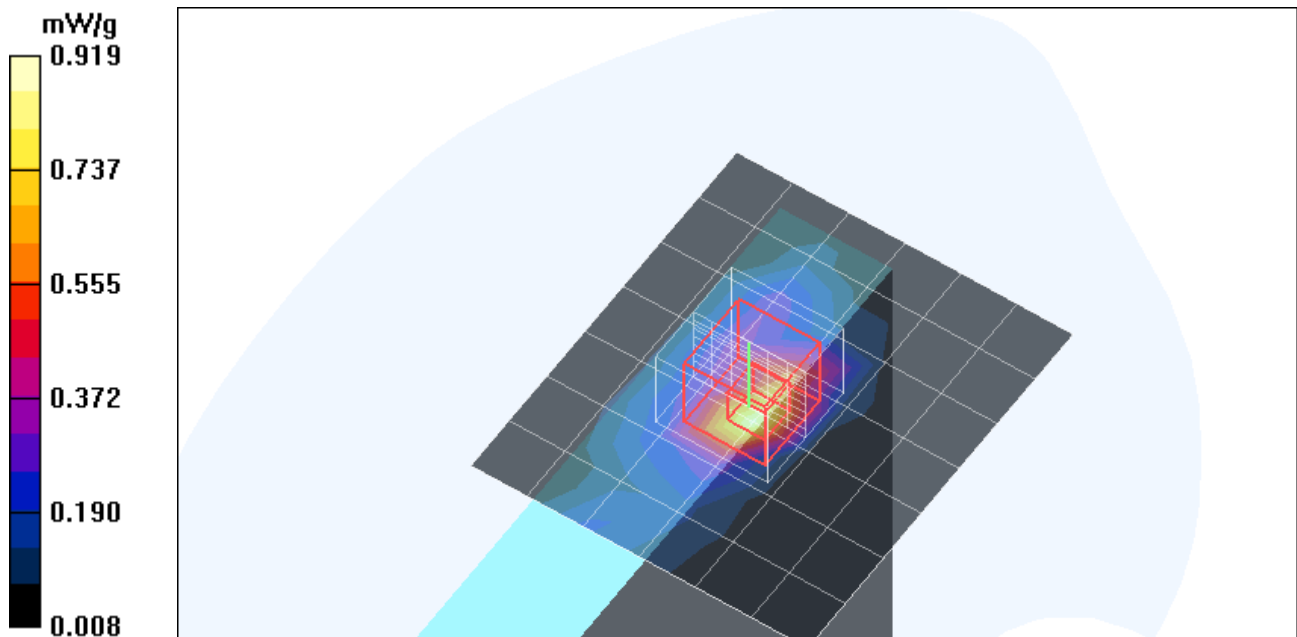
Reference Value = 8.38 V/m; Power Drift = 0.206 dB

Peak SAR (extrapolated) = 1.39 W/kg

SAR(1 g) = 0.641 mW/g; SAR(10 g) = 0.282 mW/g

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

Maximum value of SAR (measured) = 0.919 mW/g



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Communication System: 802.11bg; Frequency: 2437 MHz; Duty Cycle: 1:1.03

Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.97$ mho/m; $\epsilon_r = 51.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with peak SAR value greater than 0.0012W/kg
- Probe: EX3DV3 - SN3531; ConvF(7.91, 7.91, 7.91); Calibrated: 4/23/2008
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 11/16/2007
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

HT20 mode Secondary Landscape Main - M ch/Area Scan (7x8x1): Measurement grid:

$dx=15$ mm, $dy=15$ mm

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

Maximum value of SAR (measured) = 0.916 mW/g

HT20 mode Secondary Landscape Main - M ch/Zoom Scan (7x7x9)/Cube 0: Measurement

grid: $dx=5$ mm, $dy=5$ mm, $dz=3$ mm

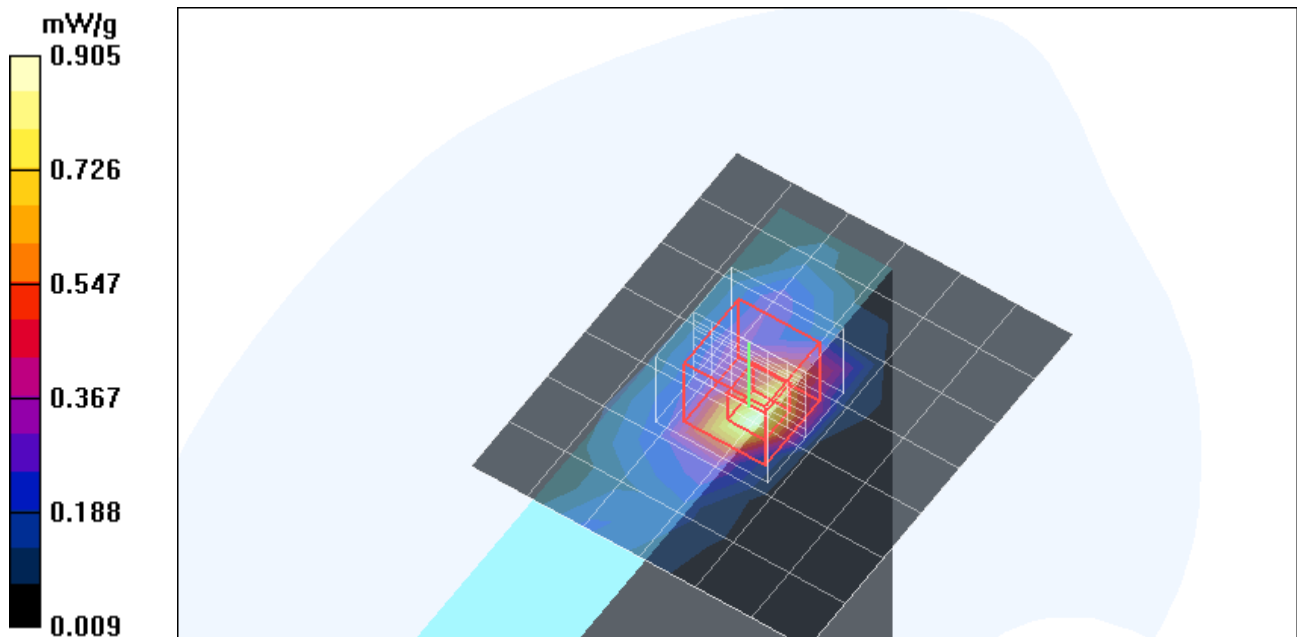
Reference Value = 8.50 V/m; Power Drift = 0.210 dB

Peak SAR (extrapolated) = 1.40 W/kg

SAR(1 g) = 0.645 mW/g; SAR(10 g) = 0.281 mW/g

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

Maximum value of SAR (measured) = 0.905 mW/g



Test Laboratory: Compliance Certification Services

Secondary Landscape

DUT: Broadcom Soyuz tablet; Type: 802.11abgn; Serial: N/A

Communication System: 802.11a; Frequency: 5200 MHz; Duty Cycle: 1:1.1

Medium parameters used: $f = 5200$ MHz; $\sigma = 5.32$ mho/m; $\epsilon_r = 47.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with peak SAR value greater than 0.0012W/kg
- Probe: EX3DV3 - SN3531; ConvF(4.21, 4.21, 4.21); Calibrated: 4/23/2008
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 11/16/2007
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

802.11a Legacy Mode Secondary Landscape Main - M ch/Area Scan (9x11x1):

Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.785 mW/g

802.11a Legacy Mode Secondary Landscape Main - M ch/Zoom Scan (7x7x9)/Cube 0:

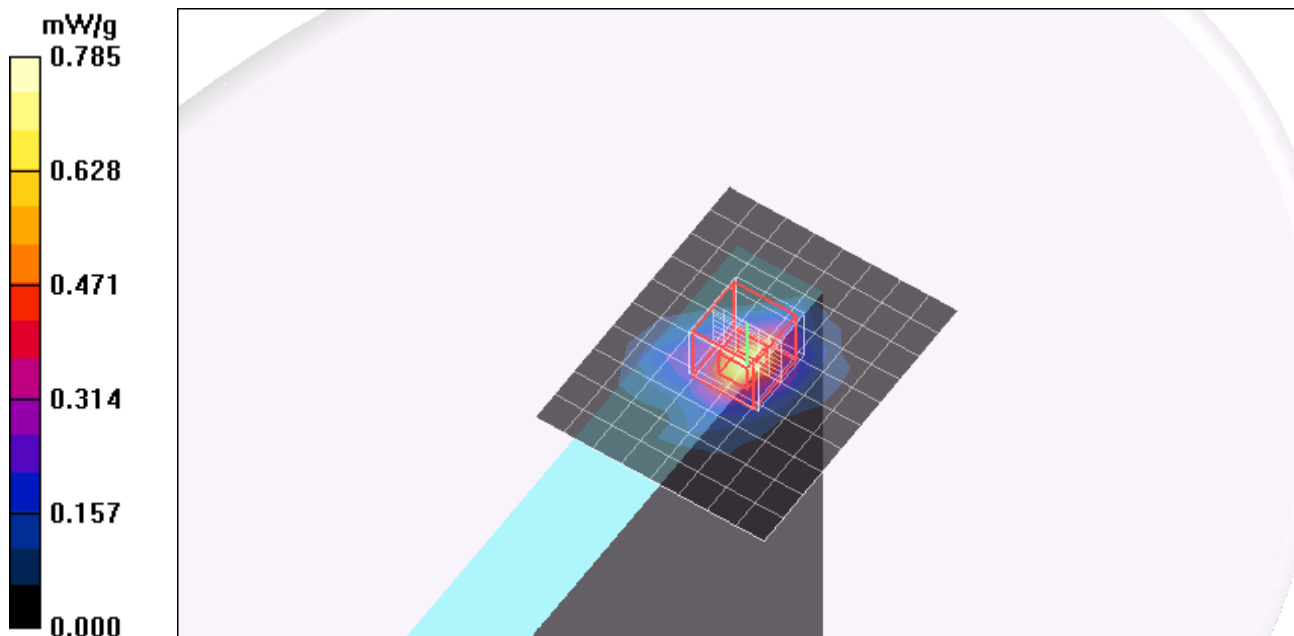
Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 12.0 V/m; Power Drift = 0.219 dB

Peak SAR (extrapolated) = 1.51 W/kg

SAR(1 g) = 0.457 mW/g; SAR(10 g) = 0.153 mW/g

Maximum value of SAR (measured) = 0.793 mW/g



Test Laboratory: Compliance Certification Services

Secondary Landscape

DUT: Broadcom Soyuz tablet; Type: 802.11abgn; Serial: N/A

Communication System: 802.11a; Frequency: 5200 MHz; Duty Cycle: 1:1.1
Medium parameters used: $f = 5200$ MHz; $\sigma = 5.32$ mho/m; $\epsilon_r = 47.5$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

Room Ambient Temperature: 25.0 deg. C; Liquid Temperature: 24.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with peak SAR value greater than 0.0012W/kg
- Probe: EX3DV3 - SN3531; ConvF(4.21, 4.21, 4.21); Calibrated: 4/23/2008
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 11/16/2007
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

802.11a HT20 Mode Secondary Landscape Main - M ch/Area Scan (9x29x1): Measurement

grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.229 mW/g

802.11a HT20 Mode Secondary Landscape Main - M ch/Zoom Scan (7x7x9)/Cube 0:

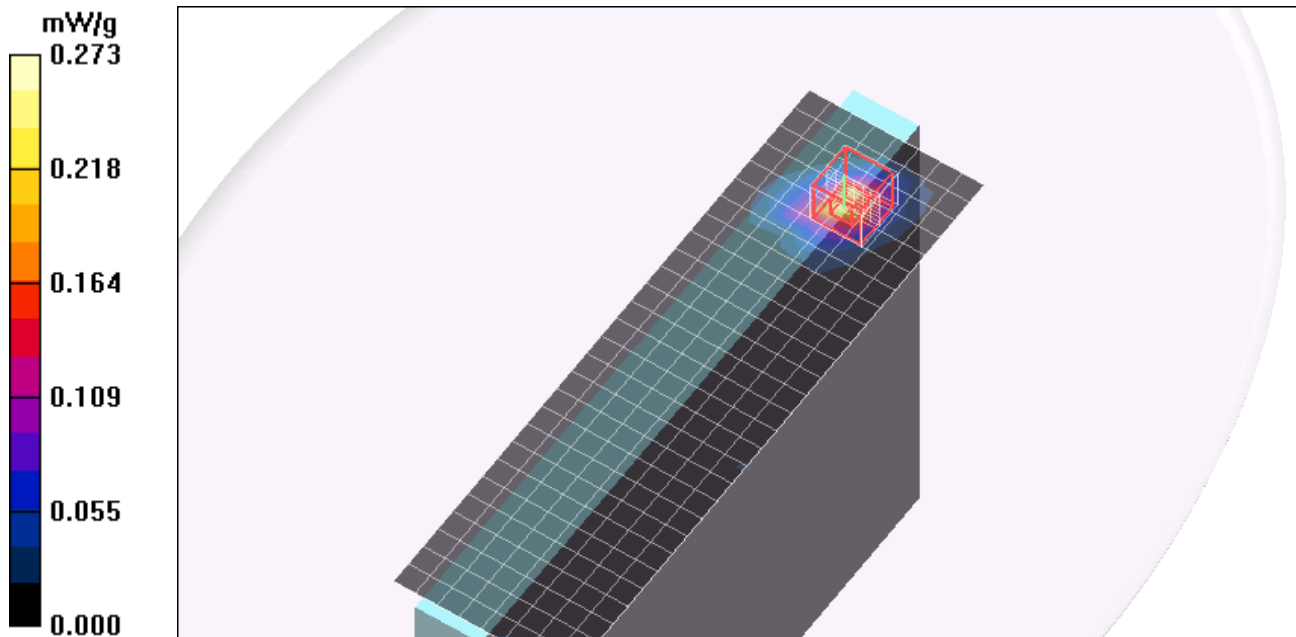
Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.653 V/m; Power Drift = -0.912 dB

Peak SAR (extrapolated) = 0.538 W/kg

SAR(1 g) = 0.161 mW/g; SAR(10 g) = 0.054 mW/g

Maximum value of SAR (measured) = 0.273 mW/g



Test Laboratory: Compliance Certification Services

Secondary Landscape

DUT: Broadcom Soyuz tablet; Type: 802.11abgn; Serial: N/A

Communication System: 802.11a; Frequency: 5260 MHz; Duty Cycle: 1:1.1

Medium parameters used (interpolated): $f = 5260$ MHz; $\sigma = 5.41$ mho/m; $\epsilon_r = 47.3$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Room Ambient Temperature: 25.0 deg. C; Liquid Temperature: 24.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with peak SAR value greater than 0.0012W/kg
- Probe: EX3DV3 - SN3531; ConvF(3.92, 3.92, 3.92); Calibrated: 4/23/2008
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 11/16/2007
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

802.11a Legacy Mode Secondary Landscape Main - L ch/Area Scan (9x13x1):

Measurement grid: dx=10mm, dy=10mm

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

Maximum value of SAR (measured) = 1.19 mW/g

802.11a Legacy Mode Secondary Landscape Main - L ch/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

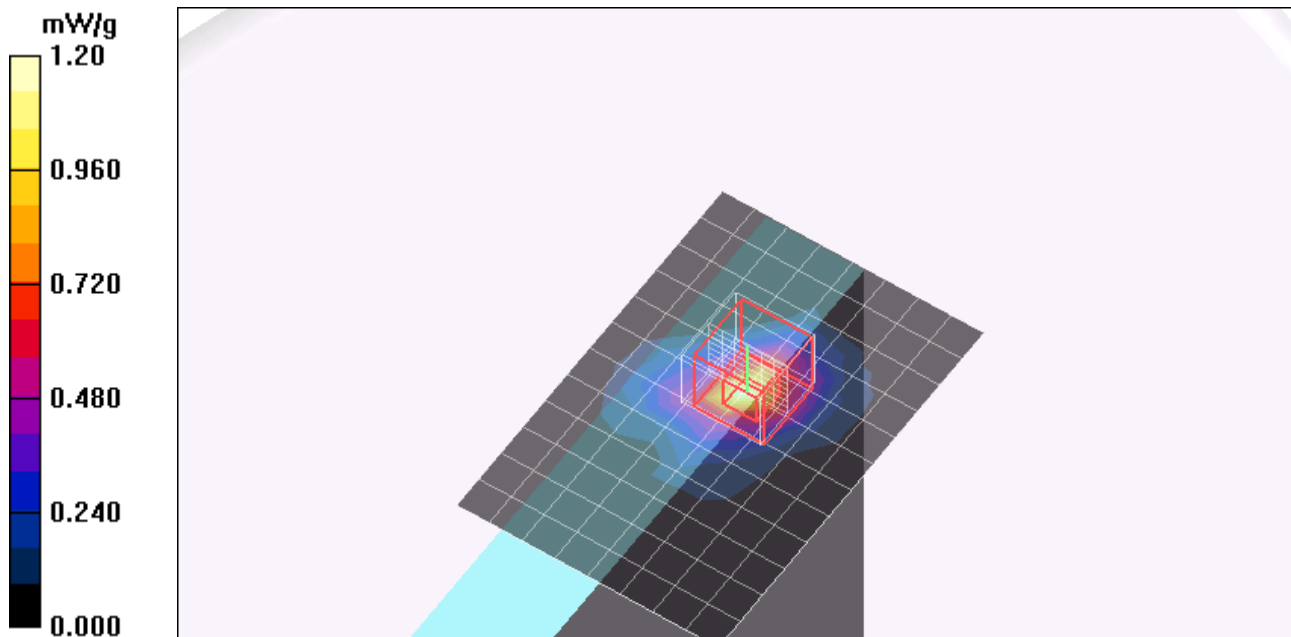
Reference Value = 15.8 V/m; Power Drift = -0.223 dB

Peak SAR (extrapolated) = 2.65 W/kg

SAR(1 g) = 0.723 mW/g; SAR(10 g) = 0.238 mW/g

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

Maximum value of SAR (measured) = 1.20 mW/g



Test Laboratory: Compliance Certification Services

Secondary Landscape

DUT: Broadcom Soyuz tablet; Type: 802.11abgn; Serial: N/A

Communication System: 802.11a; Frequency: 5300 MHz; Duty Cycle: 1:1.1
Medium parameters used: $f = 5300 \text{ MHz}$; $\sigma = 5.47 \text{ mho/m}$; $\epsilon_r = 47.3$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

Room Ambient Temperature: 25.0 deg. C; Liquid Temperature: 24.0 deg. C

DASY4 Configuration:

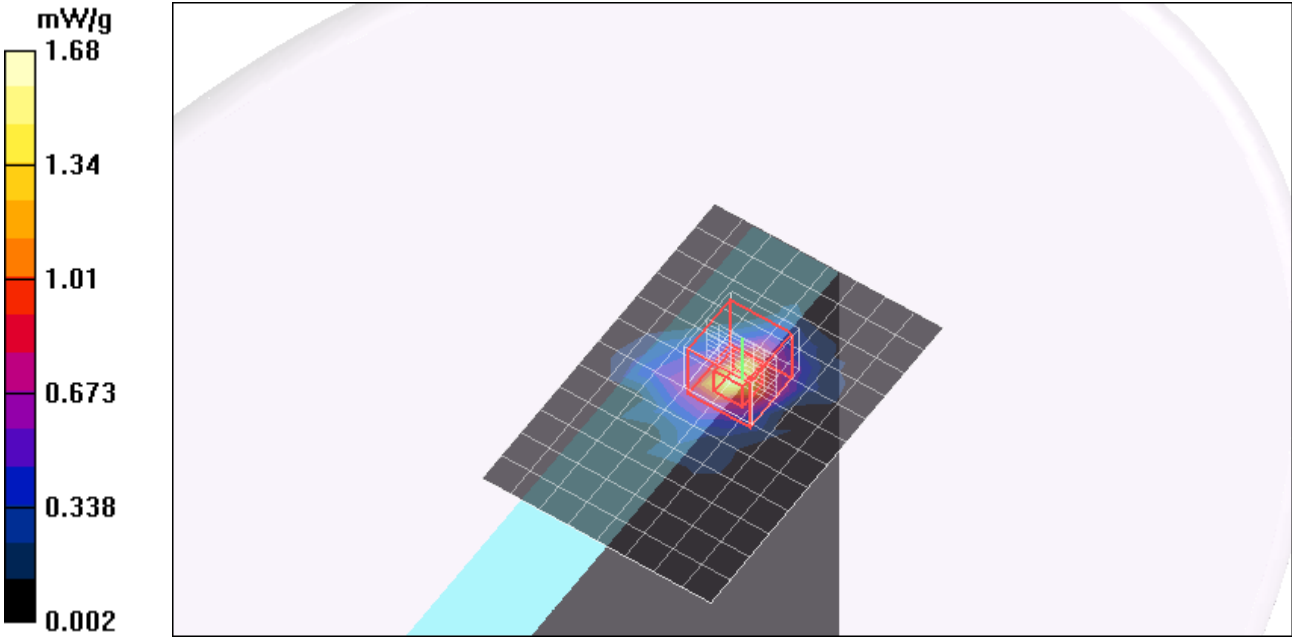
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with peak SAR value greater than 0.0012W/kg
- Probe: EX3DV3 - SN3531; ConvF(3.92, 3.92, 3.92); Calibrated: 4/23/2008
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 11/16/2007
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

802.11a Legacy Mode Secondary Landscape Main - M ch/Area Scan (9x13x1):

Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$
Maximum value of SAR (measured) = 1.63 mW/g

802.11a Legacy Mode Secondary Landscape Main - M ch/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2.5\text{mm}$
Reference Value = 16.9 V/m; Power Drift = -0.977 dB
Peak SAR (extrapolated) = 9.13 W/kg
SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.340 mW/g
Maximum value of SAR (measured) = 1.68 mW/g



Test Laboratory: Compliance Certification Services

Secondary Landscape

DUT: Broadcom Soyuz tablet; Type: 802.11abgn; Serial: N/A

Communication System: 802.11a; Frequency: 5320 MHz; Duty Cycle: 1:1.1

Medium parameters used (interpolated): $f = 5320$ MHz; $\sigma = 5.49$ mho/m; $\epsilon_r = 47.2$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Room Ambient Temperature: 25.0 deg. C; Liquid Temperature: 24.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with peak SAR value greater than 0.0012W/kg
- Probe: EX3DV3 - SN3531; ConvF(3.92, 3.92, 3.92); Calibrated: 4/23/2008
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 11/16/2007
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

802.11a Legacy Mode Secondary Landscape Main -H ch/Area Scan (9x13x1):

Measurement grid: dx=10mm, dy=10mm

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

Maximum value of SAR (measured) = 1.57 mW/g

802.11a Legacy Mode Secondary Landscape Main -H ch/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

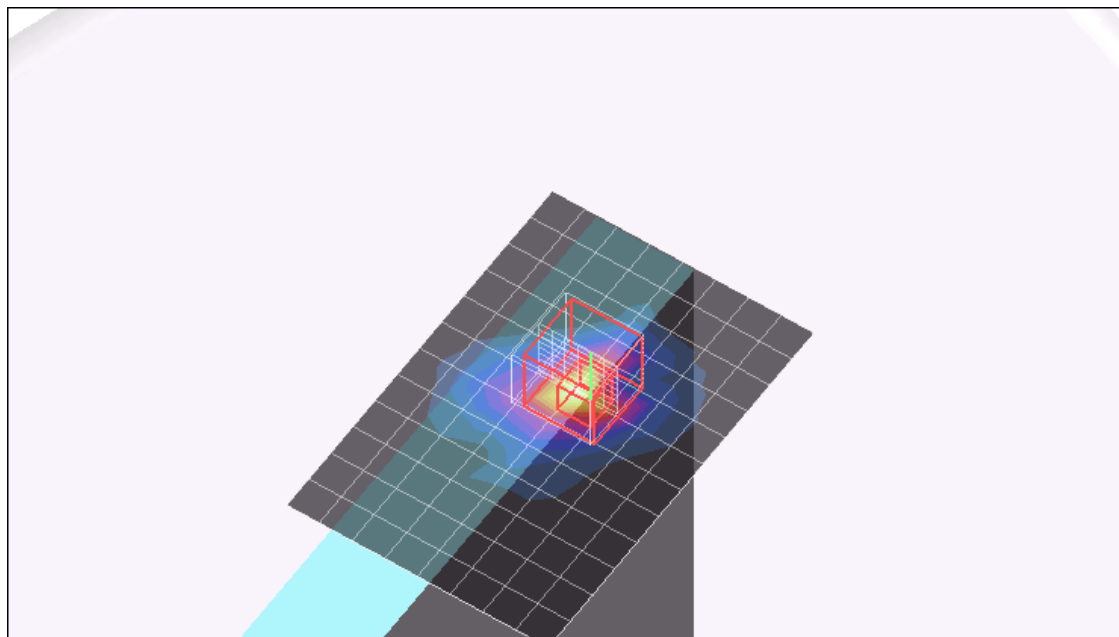
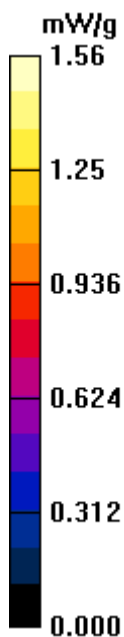
Reference Value = 18.3 V/m; Power Drift = -0.202 dB

Peak SAR (extrapolated) = 2.75 W/kg

SAR(1 g) = 0.783 mW/g; SAR(10 g) = 0.311 mW/g

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

Maximum value of SAR (measured) = 1.56 mW/g



Test Laboratory: Compliance Certification Services

Secondary Landscape

DUT: Broadcom Soyuz tablet; Type: 802.11abgn;Serial: N/A

Communication System: 802.11a;Frequency: 5300 MHz;Duty Cycle: 1:1.1

Medium parameters used: $f = 5300$ MHz; $\sigma = 5.47$ mho/m; $\epsilon_r = 47.3$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Room Ambient Temperature: 25.0deg. C; Liquid Temperature: 24.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with peak SAR value greater than 0.0012W/kg
- Probe: EX3DV3 - SN3531; ConvF(3.92, 3.92, 3.92); Calibrated: 4/23/2008
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 11/16/2007
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

802.11a HT20 Mode Secondary Landscape Main - M ch/Area Scan (9x27x1): Measurement

grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.916 mW/g

802.11a HT20 Mode Secondary Landscape Main - M ch/Zoom Scan (7x7x9)/Cube 0:

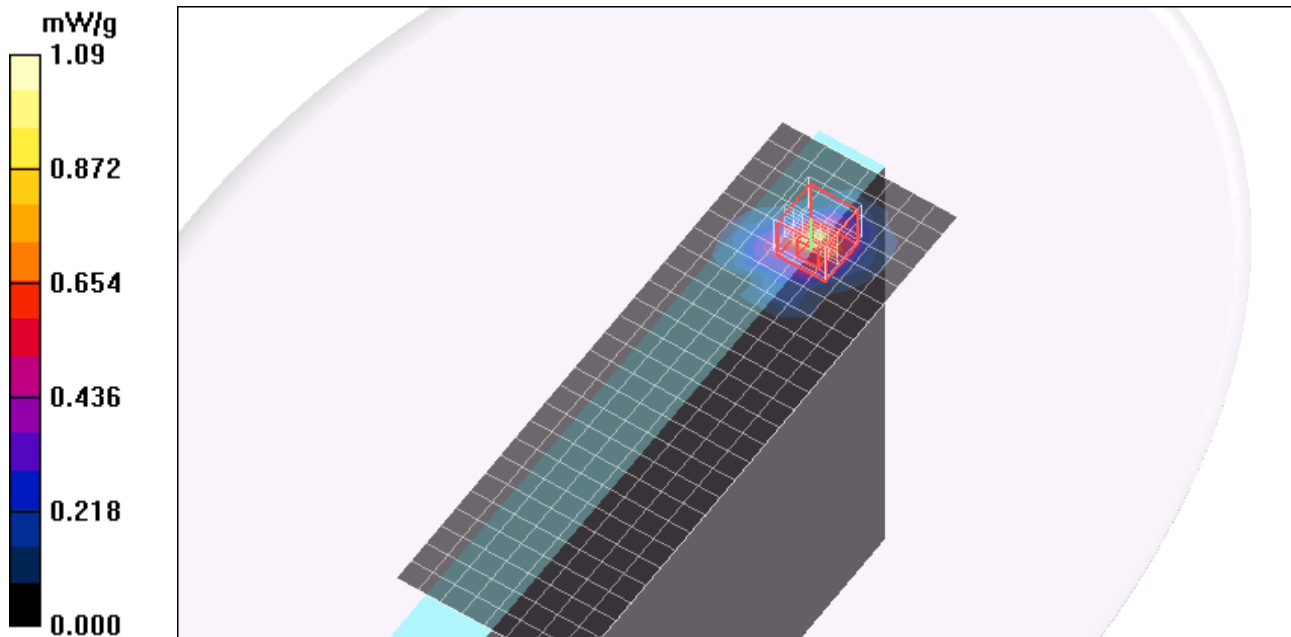
Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 14.7 V/m; Power Drift = -0.420 dB

Peak SAR (extrapolated) = 2.07 W/kg

SAR(1 g) = 0.636 mW/g; SAR(10 g) = 0.220 mW/g

Maximum value of SAR (measured) = 1.09 mW/g



Test Laboratory: Compliance Certification Services

Secondary Landscape

DUT: Broadcom Soyuz tablet; Type: 802.11abgn; Serial: N/A

Communication System: 802.11a; Frequency: 5500 MHz; Duty Cycle: 1:1.1

Medium parameters used: $f = 5500$ MHz; $\sigma = 5.73$ mho/m; $\epsilon_r = 47.9$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with peak SAR value greater than 0.0012W/kg
- Probe: EX3DV3 - SN3531; ConvF(3.99, 3.99, 3.99); Calibrated: 4/23/2008
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 11/16/2007
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

802.11a Legacy Mode Secondary Landscape Main - L ch/Area Scan (9x11x1):

Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.42 mW/g

802.11a Legacy Mode Secondary Landscape Main - L ch/Zoom Scan (7x7x9)/Cube 0:

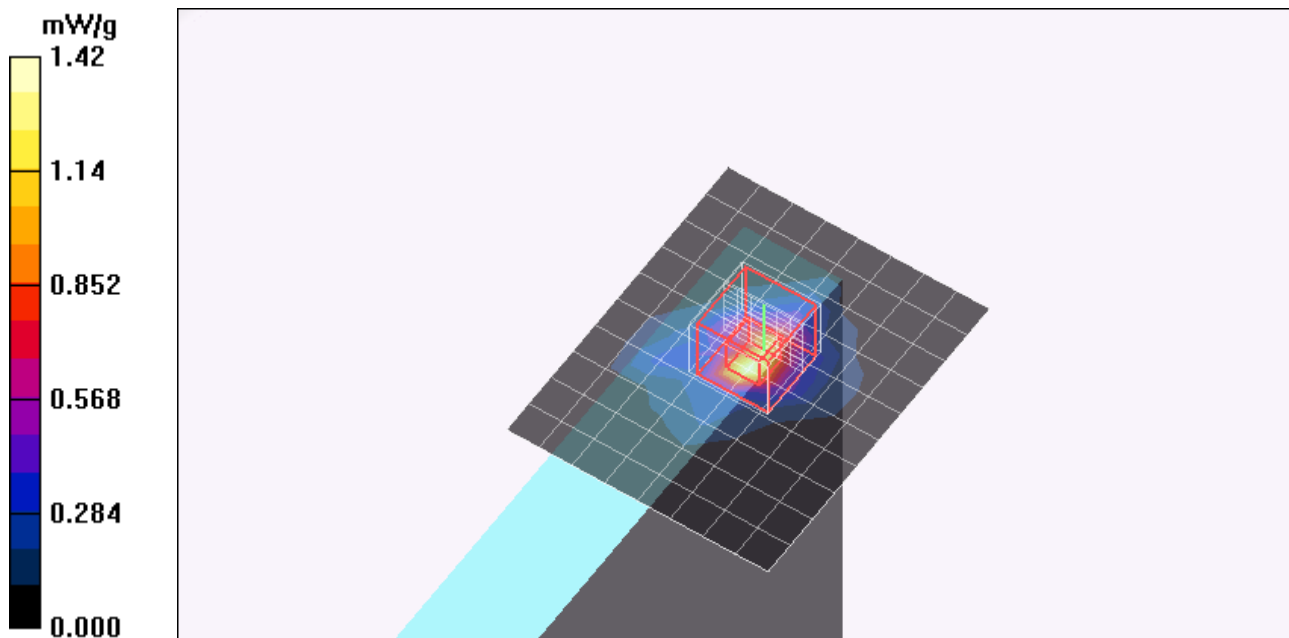
Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 16.8 V/m; Power Drift = 0.004 dB

Peak SAR (extrapolated) = 2.97 W/kg

SAR(1 g) = 0.813 mW/g; SAR(10 g) = 0.267 mW/g

Maximum value of SAR (measured) = 1.36 mW/g



Test Laboratory: Compliance Certification Services

Secondary Landscape

DUT: Broadcom Soyuz tablet; Type: 802.11abgn; Serial: N/A

Communication System: 802.11a; Frequency: 5600 MHz; Duty Cycle: 1:1.1

Medium parameters used: $f = 5600$ MHz; $\sigma = 5.88$ mho/m; $\epsilon_r = 47.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with peak SAR value greater than 0.0012W/kg
- Probe: EX3DV3 - SN3531; ConvF(3.5, 3.5, 3.5); Calibrated: 4/23/2008
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 11/16/2007
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

802.11a Legacy Mode Secondary Landscape Main - M ch/Area Scan (9x11x1):

Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 2.18 mW/g

802.11a Legacy Mode Secondary Landscape Main - M ch/Zoom Scan (7x7x9)/Cube 0:

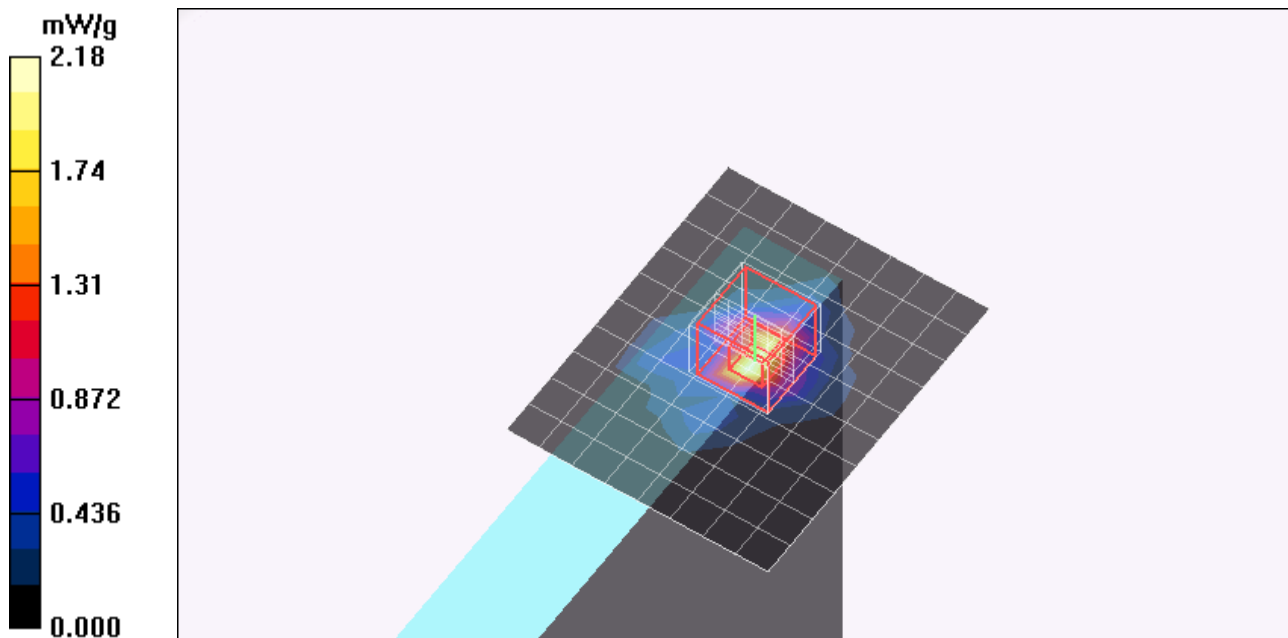
Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 3.49 V/m; Power Drift = -0.082 dB

Peak SAR (extrapolated) = 5.23 W/kg

SAR(1 g) = 1.39 mW/g; SAR(10 g) = 0.424 mW/g

Maximum value of SAR (measured) = 2.46 mW/g



Test Laboratory: Compliance Certification Services

Secondary Landscape

DUT: Broadcom Soyuz tablet; Type: 802.11abgn; Serial: N/A

Communication System: 802.11a; Frequency: 5700 MHz; Duty Cycle: 1:1.1

Medium parameters used: $f = 5700$ MHz; $\sigma = 6.01$ mho/m; $\epsilon_r = 47.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 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: EX3DV3 - SN3531; ConvF(3.5, 3.5, 3.5); Calibrated: 4/23/2008
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 11/16/2007
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

802.11a Legacy Mode Secondary Landscape Main - H ch/Area Scan (9x11x1):

Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.37 mW/g

802.11a Legacy Mode Secondary Landscape Main - H ch/Zoom Scan (7x7x9)/Cube 0:

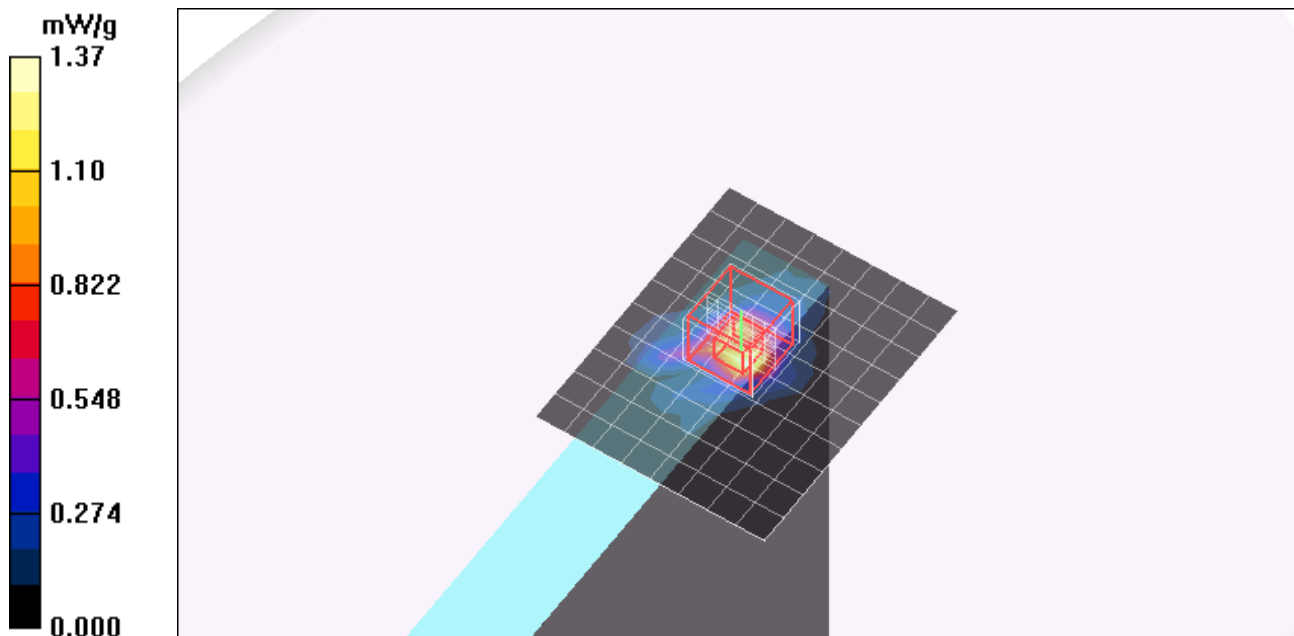
Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 15.6 V/m; Power Drift = 0.132 dB

Peak SAR (extrapolated) = 7.11 W/kg

SAR(1 g) = 1.04 mW/g; SAR(10 g) = 0.281 mW/g

Maximum value of SAR (measured) = 1.71 mW/g



Test Laboratory: Compliance Certification Services

Secondary Landscape

DUT: Broadcom Soyuz tablet; Type: 802.11abgn; Serial: N/A

Communication System: 802.11a; Frequency: 5500 MHz; Duty Cycle: 1:1.1

Medium parameters used: $f = 5500$ MHz; $\sigma = 5.73$ mho/m; $\epsilon_r = 47.9$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with peak SAR value greater than 0.0012W/kg
- Probe: EX3DV3 - SN3531; ConvF(3.99, 3.99, 3.99); Calibrated: 4/23/2008
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 11/16/2007
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

802.11HT20 Mode Secondary Landscape Main Ant - L ch/Area Scan (9x11x1):

Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.68 mW/g

802.11HT20 Mode Secondary Landscape Main Ant - L ch/Zoom Scan (7x7x9)/Cube 0:

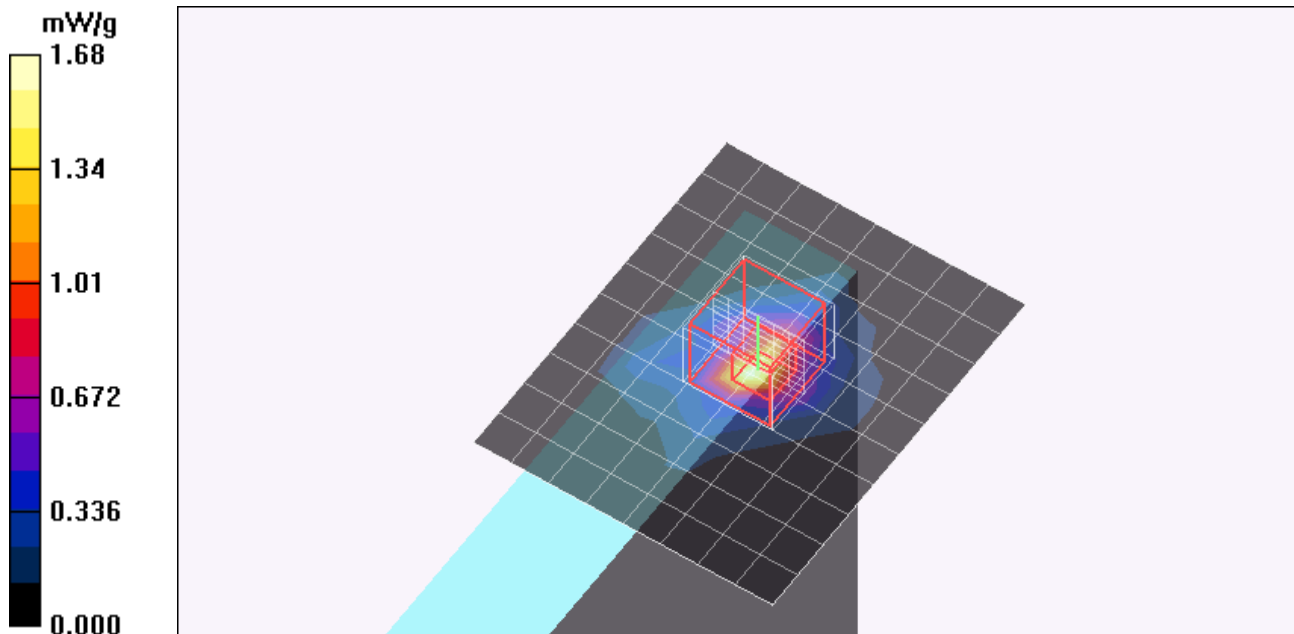
Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 17.9 V/m; Power Drift = -0.154 dB

Peak SAR (extrapolated) = 3.54 W/kg

SAR(1 g) = 0.837 mW/g; SAR(10 g) = 0.282 mW/g

Maximum value of SAR (measured) = 1.72 mW/g



Test Laboratory: Compliance Certification Services

Secondary Landscape

DUT: Broadcom Soyuz tablet; Type: 802.11abgn; Serial: N/A

Communication System: 802.11a; Frequency: 5600 MHz; Duty Cycle: 1:1.1

Medium parameters used: $f = 5600$ MHz; $\sigma = 5.88$ mho/m; $\epsilon_r = 47.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with peak SAR value greater than 0.0012W/kg
- Probe: EX3DV3 - SN3531; ConvF(3.5, 3.5, 3.5); Calibrated: 4/23/2008
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 11/16/2007
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

802.11HT20 Mode Secondary Landscape Main Ant - M ch/Area Scan (9x11x1):

Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 2.56 mW/g

802.11HT20 Mode Secondary Landscape Main Ant - M ch/Zoom Scan (7x7x9)/Cube 0:

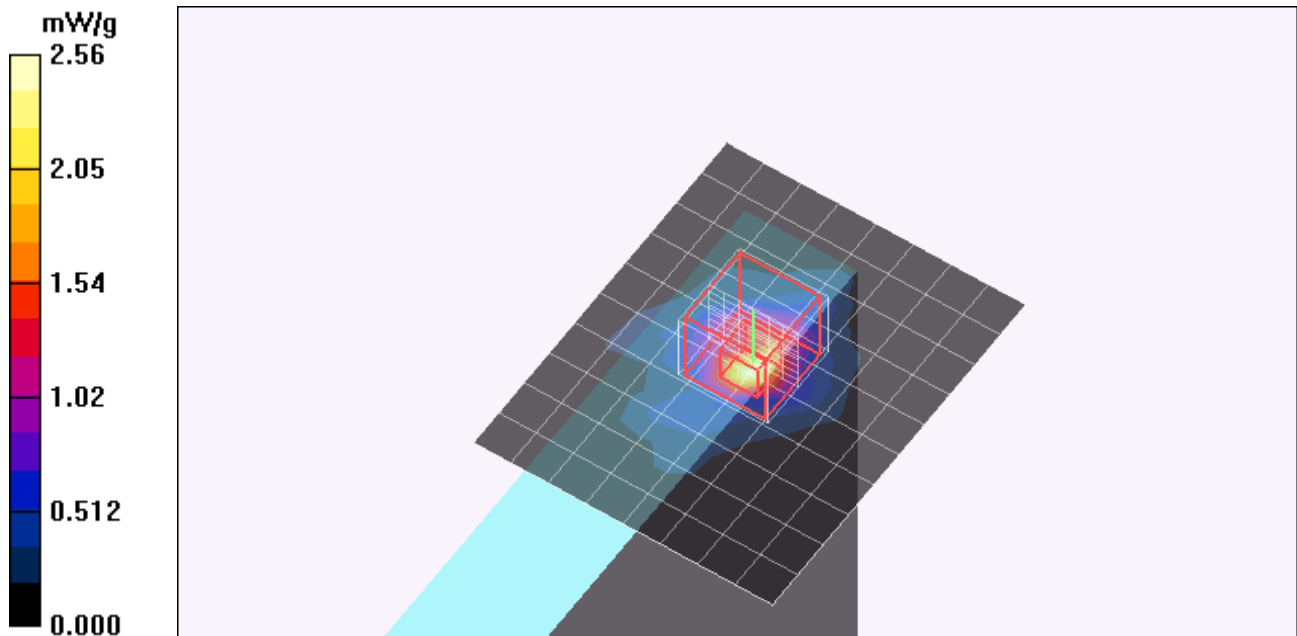
Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 22.5 V/m; Power Drift = 0.074 dB

Peak SAR (extrapolated) = 10.2 W/kg

SAR(1 g) = 1.4 mW/g; SAR(10 g) = 0.418 mW/g

Maximum value of SAR (measured) = 2.39 mW/g



Test Laboratory: Compliance Certification Services

Secondary Landscape

DUT: Broadcom Soyuz tablet; Type: 802.11abgn; Serial: N/A

Communication System: 802.11a; Frequency: 5700 MHz; Duty Cycle: 1:1.1

Medium parameters used: $f = 5700$ MHz; $\sigma = 6.01$ mho/m; $\epsilon_r = 47.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with peak SAR value greater than 0.0012W/kg
- Probe: EX3DV3 - SN3531; ConvF(3.5, 3.5, 3.5); Calibrated: 4/23/2008
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 11/16/2007
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

802.11HT20 Mode Secondary Landscape Main Ant - H ch/Area Scan (9x11x1):

Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.91 mW/g

802.11HT20 Mode Secondary Landscape Main Ant - H ch/Zoom Scan (7x7x9)/Cube 0:

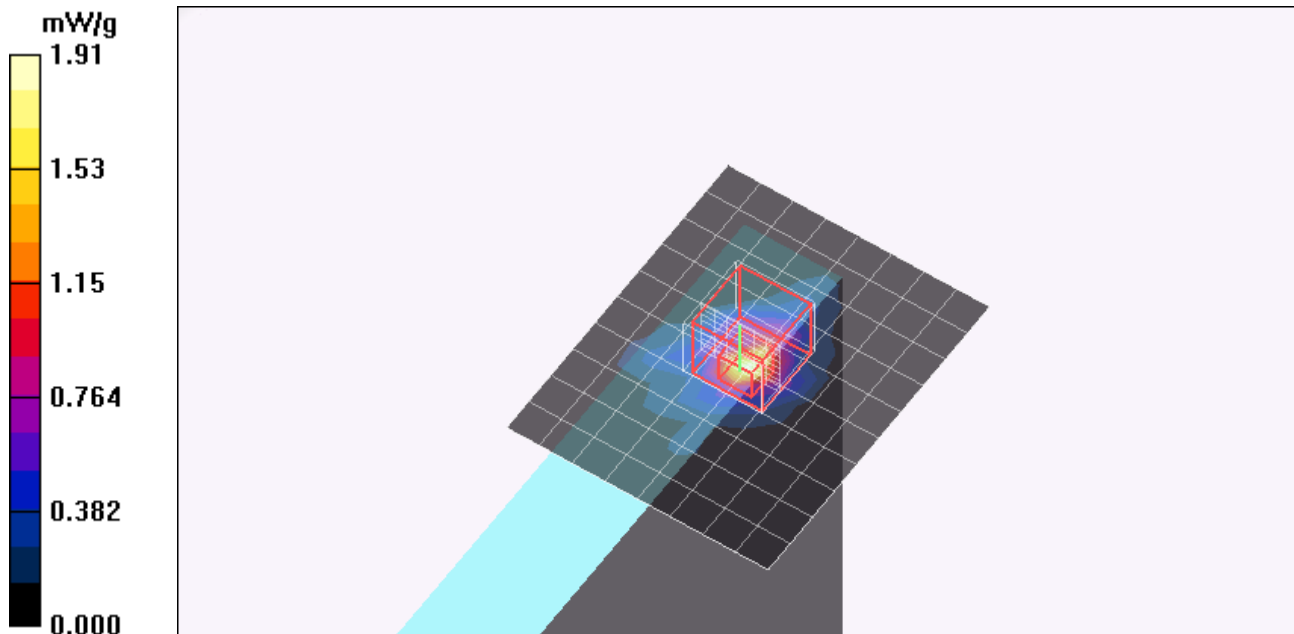
Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 17.9 V/m; Power Drift = 0.190 dB

Peak SAR (extrapolated) = 5.04 W/kg

SAR(1 g) = 1.04 mW/g; SAR(10 g) = 0.304 mW/g

Maximum value of SAR (measured) = 1.88 mW/g



Test Laboratory: Compliance Certification Services

Secondary Landscape

DUT: Broadcom Soyuz tablet; Type: 802.11abgn; Serial: N/A

Communication System: 802.11a; Frequency: 5745 MHz; Duty Cycle: 1:1.1

Medium parameters used (interpolated): $f = 5745$ MHz; $\sigma = 6.13$ mho/m; $\epsilon_r = 46.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with peak SAR value greater than 0.0012W/kg
- Probe: EX3DV3 - SN3531; ConvF(3.7, 3.7, 3.7); Calibrated: 4/23/2008
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 11/16/2007
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

802.11a Legacy Mode Secondary Landscape Main - L ch/Area Scan (9x11x1):

Measurement grid: dx=10mm, dy=10mm

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

Maximum value of SAR (measured) = 1.75 mW/g

802.11a Legacy Mode Secondary Landscape Main - L ch/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

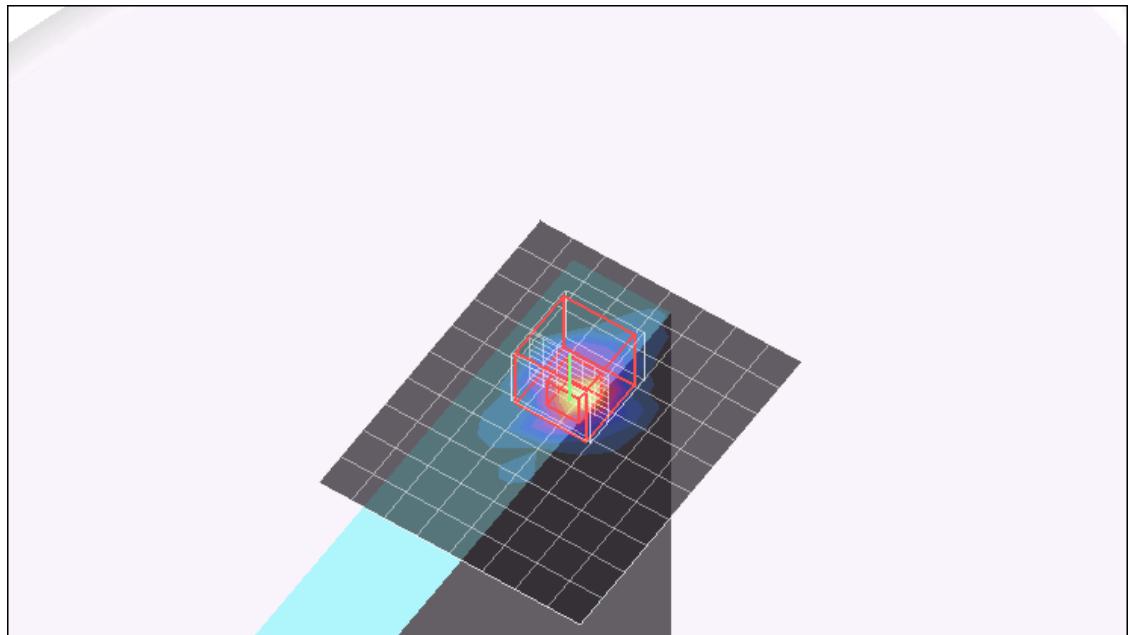
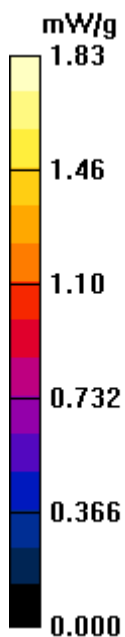
Reference Value = 1.11 V/m; Power Drift = 0.908 dB

Peak SAR (extrapolated) = 3.83 W/kg

SAR(1 g) = 1.04 mW/g; SAR(10 g) = 0.318 mW/g

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

Maximum value of SAR (measured) = 1.83 mW/g



Test Laboratory: Compliance Certification Services

Secondary Landscape

DUT: Broadcom Soyuz tablet; Type: 802.11abgn; Serial: N/A

Communication System: 802.11a; Frequency: 5785 MHz; Duty Cycle: 1:1.1

Medium parameters used (interpolated): $f = 5785$ MHz; $\sigma = 6.17$ mho/m; $\epsilon_r = 46.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with peak SAR value greater than 0.0012W/kg
- Probe: EX3DV3 - SN3531; ConvF(3.7, 3.7, 3.7); Calibrated: 4/23/2008
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 11/16/2007
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

802.11a Legacy Mode Secondary Landscape Main - M ch/Area Scan (9x11x1):

Measurement grid: dx=10mm, dy=10mm

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

Maximum value of SAR (measured) = 1.69 mW/g

802.11a Legacy Mode Secondary Landscape Main - M ch/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

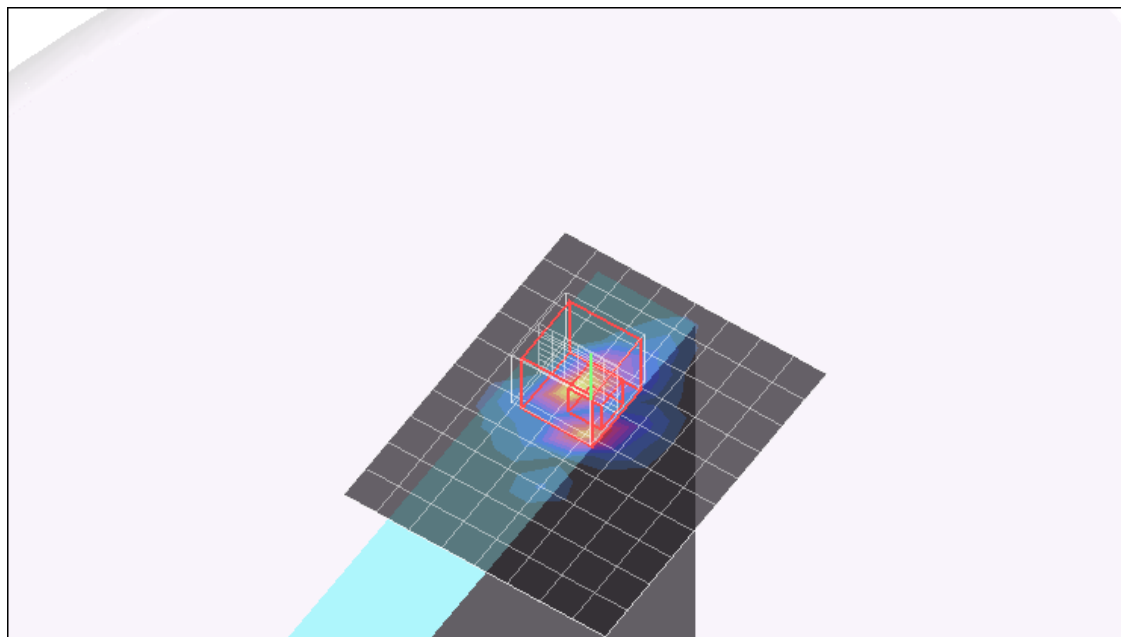
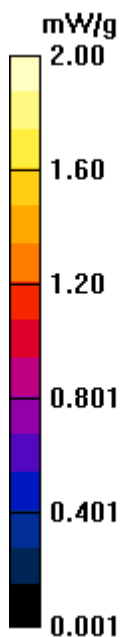
Reference Value = 1.43 V/m; Power Drift = -0.225 dB

Peak SAR (extrapolated) = 5.37 W/kg

SAR(1 g) = 1.28 mW/g; SAR(10 g) = 0.382 mW/g

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

Maximum value of SAR (measured) = 2.54 mW/g



Test Laboratory: Compliance Certification Services

Secondary Landscape

DUT: Broadcom Soyuz tablet; Type: 802.11abgn;Serial: N/A

Communication System: 802.11a;Frequency: 5825 MHz;Duty Cycle: 1:1.1

Medium parameters used (interpolated): $f = 5825 \text{ MHz}$; $\sigma = 6.23 \text{ mho/m}$; $\epsilon_r = 46.2$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Room Ambient Temperature: 24.0deg. C; Liquid Temperature: 23.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with peak SAR value greater than 0.0012W/kg
- Probe: EX3DV3 - SN3531; ConvF(3.7, 3.7, 3.7); Calibrated: 4/23/2008
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 11/16/2007
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

802.11a Legacy Mode Secondary Landscape Main - H ch/Area Scan (9x11x1):

Measurement grid: dx=10mm, dy=10mm

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

Maximum value of SAR (measured) = 2.03 mW/g

802.11a Legacy Mode Secondary Landscape Main - H ch/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

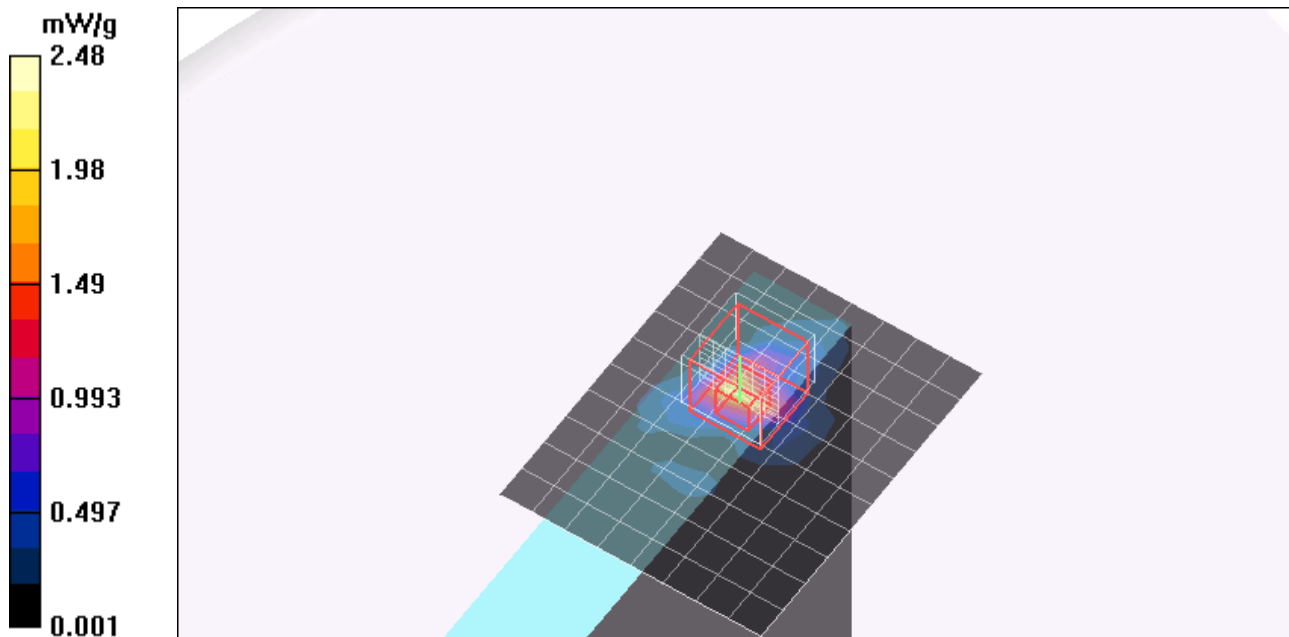
Reference Value = 1.75 V/m; Power Drift = 1.99 dB

Peak SAR (extrapolated) = 6.08 W/kg

SAR(1 g) = 1.37 mW/g; SAR(10 g) = 0.439 mW/g

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

Maximum value of SAR (measured) = 2.48 mW/g



Test Laboratory: Compliance Certification Services

Secondary Landscape

DUT: Broadcom Soyuz tablet; Type: 802.11abgn; Serial: N/A

Communication System: 802.11a; Frequency: 5745 MHz; Duty Cycle: 1:1.1

Medium parameters used (interpolated): $f = 5745$ MHz; $\sigma = 6.13$ mho/m; $\epsilon_r = 46.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with peak SAR value greater than 0.0012W/kg
- Probe: EX3DV3 - SN3531; ConvF(3.7, 3.7, 3.7); Calibrated: 4/23/2008
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 11/16/2007
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

802.11a HT20 Mode Secondary Landscape Main - L ch/Area Scan (9x28x1): Measurement grid: dx=10mm, dy=10mm

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

Maximum value of SAR (measured) = 1.70 mW/g

802.11a HT20 Mode Secondary Landscape Main - L ch/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

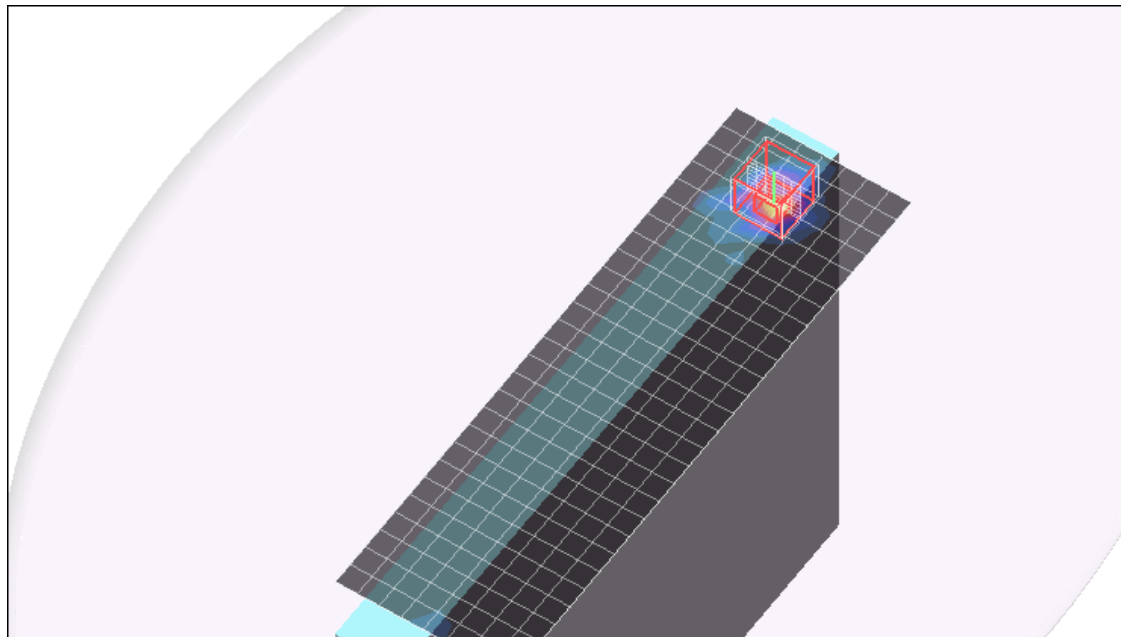
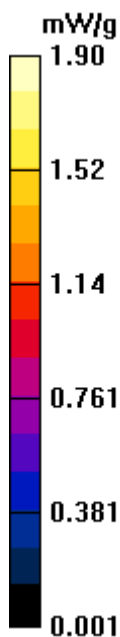
Reference Value = 1.67 V/m; Power Drift = 8.48 dB

Peak SAR (extrapolated) = 4.18 W/kg

SAR(1 g) = 1.06 mW/g; SAR(10 g) = 0.314 mW/g

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

Maximum value of SAR (measured) = 1.90 mW/g



Test Laboratory: Compliance Certification Services

Secondary Landscape

DUT: Broadcom Soyuz tablet; Type: 802.11abgn; Serial: N/A

Communication System: 802.11a; Frequency: 5785 MHz; Duty Cycle: 1:1.1

Medium parameters used (interpolated): $f = 5785$ MHz; $\sigma = 6.17$ mho/m; $\epsilon_r = 46.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with peak SAR value greater than 0.0012W/kg
- Probe: EX3DV3 - SN3531; ConvF(3.7, 3.7, 3.7); Calibrated: 4/23/2008
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 11/16/2007
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

802.11a HT20 Mode Secondary Landscape Main - M ch/Area Scan (9x28x1): Measurement

grid: dx=10mm, dy=10mm

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

Maximum value of SAR (measured) = 2.22 mW/g

802.11a HT20 Mode Secondary Landscape Main - M ch/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

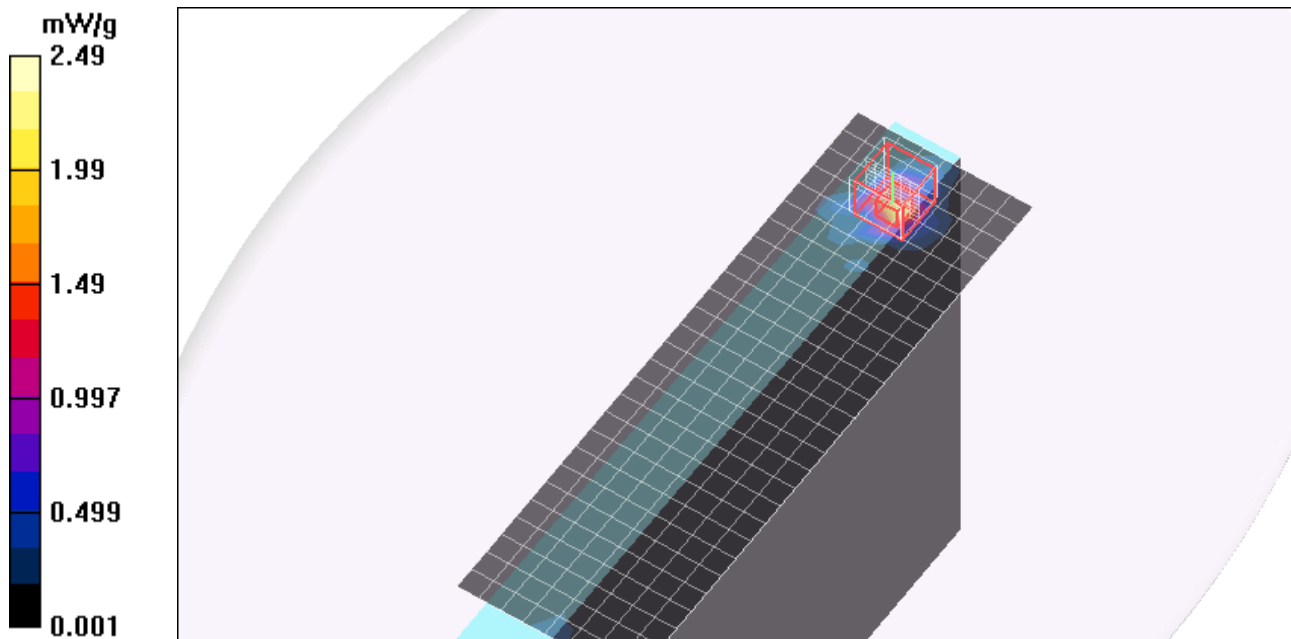
Reference Value = 1.76 V/m; Power Drift = -0.323 dB

Peak SAR (extrapolated) = 5.29 W/kg

SAR(1 g) = 1.37 mW/g; SAR(10 g) = 0.435 mW/g

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

Maximum value of SAR (measured) = 2.49 mW/g



Test Laboratory: Compliance Certification Services

Secondary Landscape

DUT: Broadcom Soyuz tablet; Type: 802.11abgn; Serial: N/A

Communication System: 802.11a; Frequency: 5825 MHz; Duty Cycle: 1:1.1

Medium parameters used (interpolated): $f = 5825$ MHz; $\sigma = 6.23$ mho/m; $\epsilon_r = 46.2$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with peak SAR value greater than 0.0012W/kg
- Probe: EX3DV3 - SN3531; ConvF(3.7, 3.7, 3.7); Calibrated: 4/23/2008
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 11/16/2007
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

802.11a HT20 Mode Secondary Landscape Main - H ch/Area Scan (9x28x1): Measurement grid: dx=10mm, dy=10mm

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

Maximum value of SAR (measured) = 2.11 mW/g

802.11a HT20 Mode Secondary Landscape Main - H ch/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 2.02 V/m; Power Drift = 0.803 dB

Peak SAR (extrapolated) = 11.4 W/kg

SAR(1 g) = 1.52 mW/g; SAR(10 g) = 0.469 mW/g

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

Maximum value of SAR (measured) = 2.51 mW/g

