

Test Laboratory: Compliance Certification Services

Laptop Mode_5.2GHz

DUT: Lenovo; Type: X200 Tablet; Serial: NA

Communication System: 802.11abgn; Frequency: 5200 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5200$ MHz; $\sigma = 5.21$ mho/m; $\epsilon_r = 51$; $\rho = 1000$ 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: EX3DV4 - SN3686; ConvF(4.08, 4.08, 4.08); Calibrated: 3/23/2009
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 10/20/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Lapheld - 802.11a_5.2G_C Antenna/Area Scan (15x17x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.146 mW/g

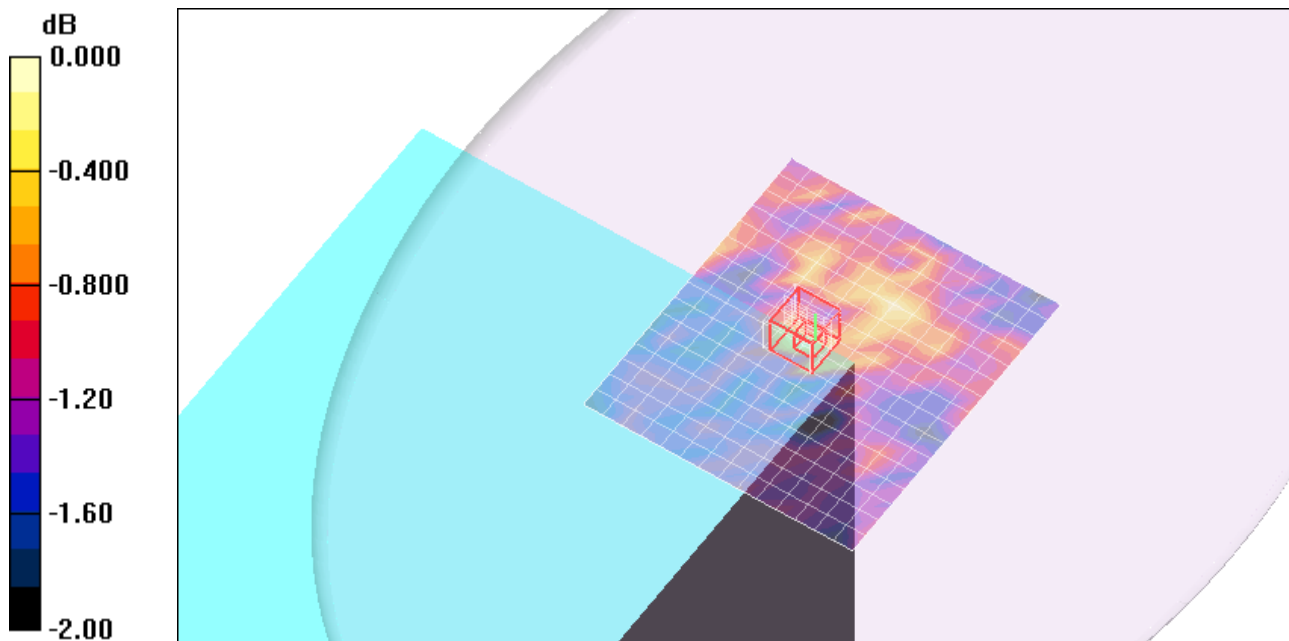
Lapheld - 802.11a_5.2G_C Antenna/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 5.44 V/m; Power Drift = -0.431 dB

Peak SAR (extrapolated) = 0.193 W/kg

SAR(1 g) = 0.137 mW/g; SAR(10 g) = 0.126 mW/g

Maximum value of SAR (measured) = 0.151 mW/g



0 dB = 0.151mW/g

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Laptop Mode_5.2GHz

DUT: Lenovo; Type: X200 Tablet; Serial: NA

Communication System: 802.11abgn; Frequency: 5200 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5200$ MHz; $\sigma = 5.21$ mho/m; $\epsilon_r = 51$; $\rho = 1000$ 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: EX3DV4 - SN3686; ConvF(4.08, 4.08, 4.08); Calibrated: 3/23/2009
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 10/20/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Lapheld - 802.11n 20MHz_5.2G_A+C Antenna/Area Scan (15x17x1): Measurement grid:

dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.177 mW/g

Lapheld - 802.11n 20MHz_5.2G_A+C Antenna/Zoom Scan (7x7x9)/Cube 0: Measurement grid:

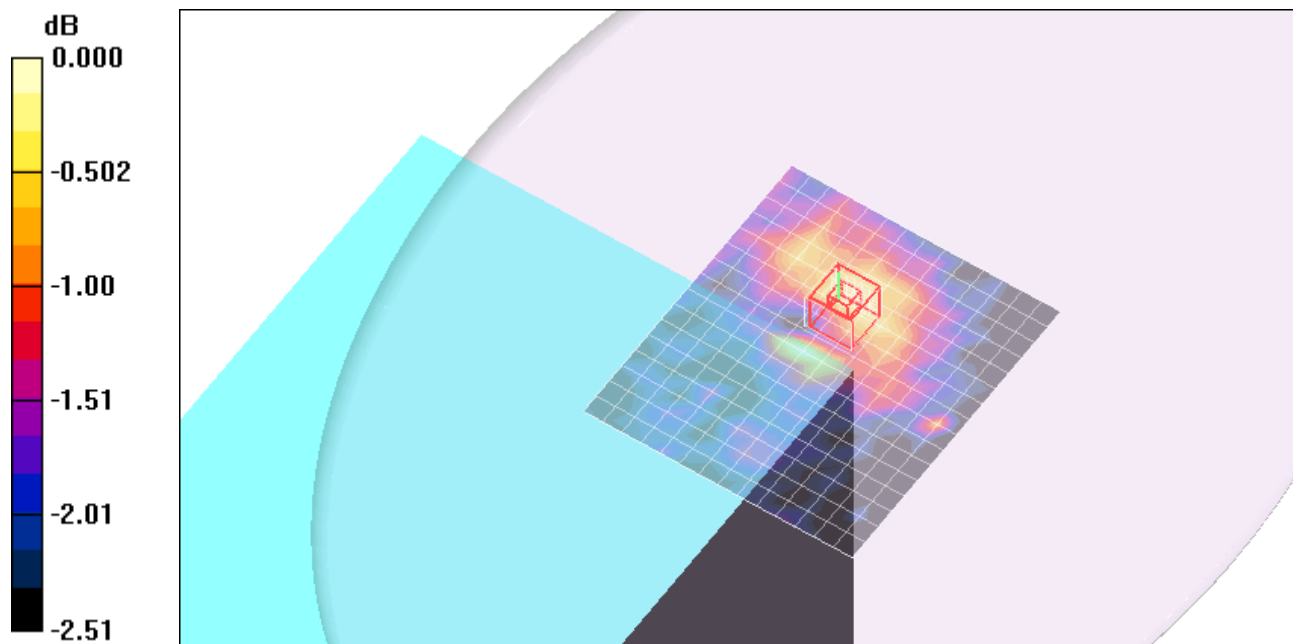
grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 5.16 V/m; Power Drift = 0.440 dB

Peak SAR (extrapolated) = 0.305 W/kg

SAR(1 g) = 0.150 mW/g; SAR(10 g) = 0.131 mW/g

Maximum value of SAR (measured) = 0.174 mW/g



0 dB = 0.174mW/g

Test Laboratory: Compliance Certification Services

Laptop Mode_5.3GHz

DUT: Lenovo; Type: X200 Tablet; Serial: NA

Communication System: 802.11abgn; Frequency: 5280 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 5280$ MHz; $\sigma = 5.29$ mho/m; $\epsilon_r = 50.8$; $\rho = 1000$ 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: EX3DV4 - SN3686; ConvF(3.81, 3.81, 3.81); Calibrated: 3/23/2009
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 10/20/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Lapheld - 802.11n 20MHz_5.3G_A+C Antenna/Area Scan (15x17x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.180 mW/g

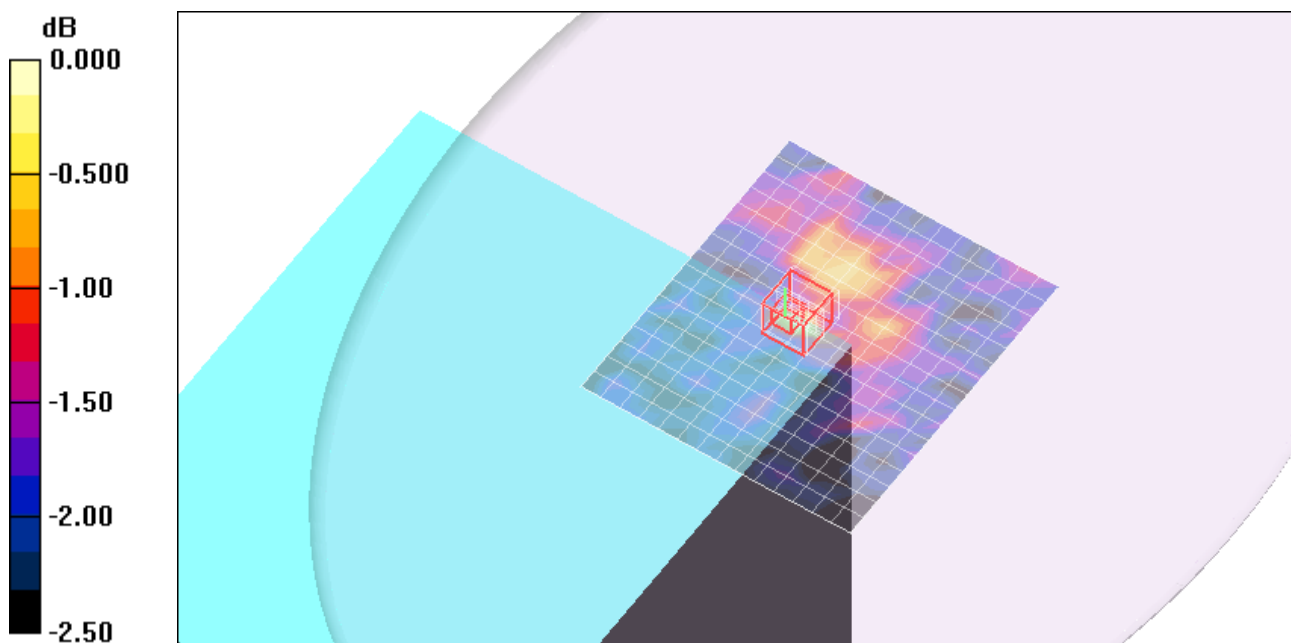
Lapheld - 802.11n 20MHz_5.3G_A+C Antenna/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 5.26 V/m; Power Drift = 0.422 dB

Peak SAR (extrapolated) = 0.214 W/kg

SAR(1 g) = 0.153 mW/g; SAR(10 g) = 0.135 mW/g

Maximum value of SAR (measured) = 0.186 mW/g



0 dB = 0.186mW/g

Test Laboratory: Compliance Certification Services

Laptop Mode_5.5GHz

DUT: Lenovo; Type: X200 Tablet; Serial: NA

Communication System: 802.11abgn; Frequency: 5600 MHz;Duty Cycle: 1:1
Medium parameters used: $f = 5600$ MHz; $\sigma = 5.69$ mho/m; $\epsilon_r = 50.5$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

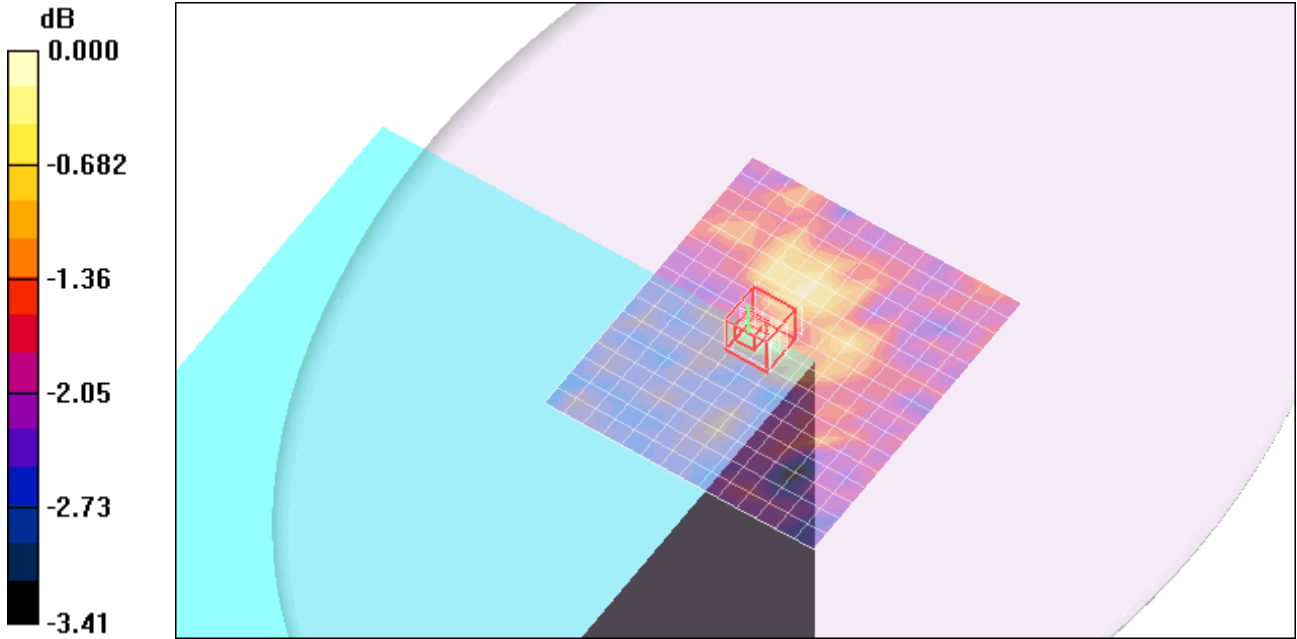
Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

- DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
 - Probe: EX3DV4 - SN3686; ConvF(3.61, 3.61, 3.61); Calibrated: 3/23/2009
 - Sensor-Surface: 2.5mm (Mechanical Surface Detection)
 - Electronics: DAE3 Sn427; Calibrated: 10/20/2008
 - Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
 - Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Lapheld - 802.11n 20MHz_5.5G_A+C Antenna/Area Scan (15x17x1): Measurement grid:
dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.209 mW/g

Lapheld - 802.11n 20MHz_5.5G_A+C Antenna/Zoom Scan (7x7x9)/Cube 0: Measurement grid:
dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 5.42 V/m; Power Drift = 0.422 dB
Peak SAR (extrapolated) = 0.256 W/kg
SAR(1 g) = 0.177 mW/g; SAR(10 g) = 0.155 mW/g

Maximum value of SAR (measured) = 0.215 mW/g



0 dB = 0.215mW/g

Test Laboratory: Compliance Certification Services

Laptop Mode_5.8GHz

DUT: Lenovo; Type: X200 Tablet; Serial: NA

Communication System: 802.11abgn; Frequency: 5785 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 5785$ MHz; $\sigma = 6.02$ mho/m; $\epsilon_r = 49.9$; $\rho = 1000$ 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 a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(3.84, 3.84, 3.84); Calibrated: 3/23/2009
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 10/20/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Lapheld - 802.11n 20MHz_5.8G_A+C Antenna/Area Scan (15x17x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.204 mW/g

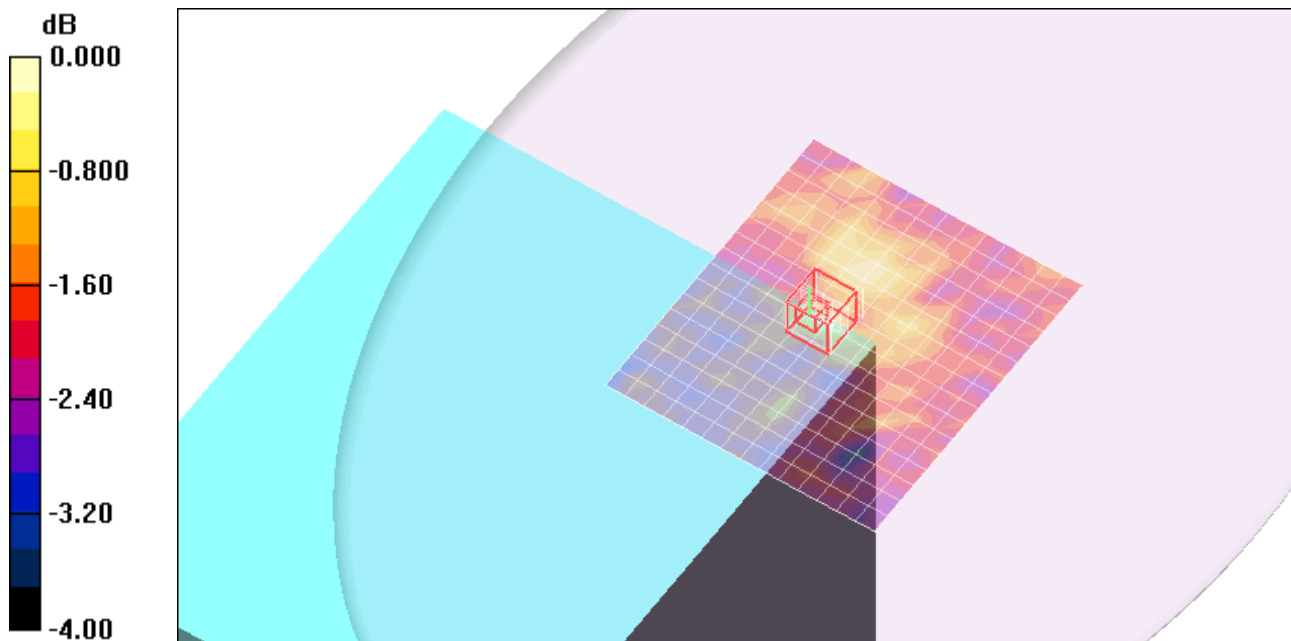
Lapheld - 802.11n 20MHz_5.8G_A+C Antenna/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 5.24 V/m; Power Drift = 0.422 dB

Peak SAR (extrapolated) = 0.242 W/kg

SAR(1 g) = 0.173 mW/g; SAR(10 g) = 0.153 mW/g

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



0 dB = 0.210mW/g

Test Laboratory: Compliance Certification Services

Primary Landscape_5.2GHz

DUT: Lenovo; Type: X200 Tablet; Serial: NA

Communication System: 802.11abgn; Frequency: 5200 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 5200$ MHz; $\sigma = 5.21$ mho/m; $\epsilon_r = 51$; $\rho = 1000$ 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: EX3DV4 - SN3686; ConvF(4.08, 4.08, 4.08); Calibrated: 3/23/2009
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 10/20/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Lapheld - 802.11a_5.2G_C Antenna/Area Scan (15x15x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (measured) = 0.216 mW/g

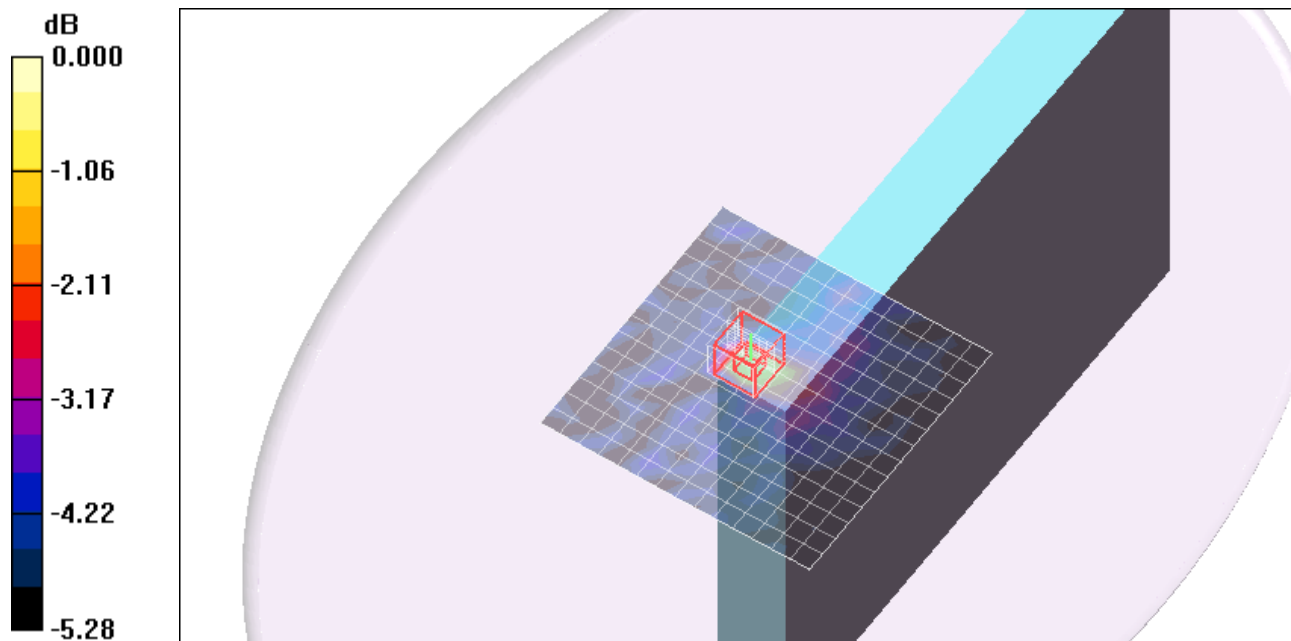
Lapheld - 802.11a_5.2G_C Antenna/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 4.65 V/m; Power Drift = 1.14 dB

Peak SAR (extrapolated) = 0.407 W/kg

SAR(1 g) = 0.186 mW/g; SAR(10 g) = 0.120 mW/g

Maximum value of SAR (measured) = 0.242 mW/g



0 dB = 0.242mW/g

Test Laboratory: Compliance Certification Services

Primary Landscape_5.2GHz

DUT: Lenovo; Type: X200 Tablet; Serial: NA

Communication System: 802.11abgn; Frequency: 5200 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5200$ MHz; $\sigma = 5.21$ mho/m; $\epsilon_r = 51$; $\rho = 1000$ 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: EX3DV4 - SN3686; ConvF(4.08, 4.08, 4.08); Calibrated: 3/23/2009
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 10/20/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Lapheld - 802.11n 20MHz_5.2G_A+C Antenna/Area Scan (15x15x1): Measurement grid:

dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.227 mW/g

Lapheld - 802.11n 20MHz_5.2G_A+C Antenna/Zoom Scan (7x7x9)/Cube 0: Measurement grid:

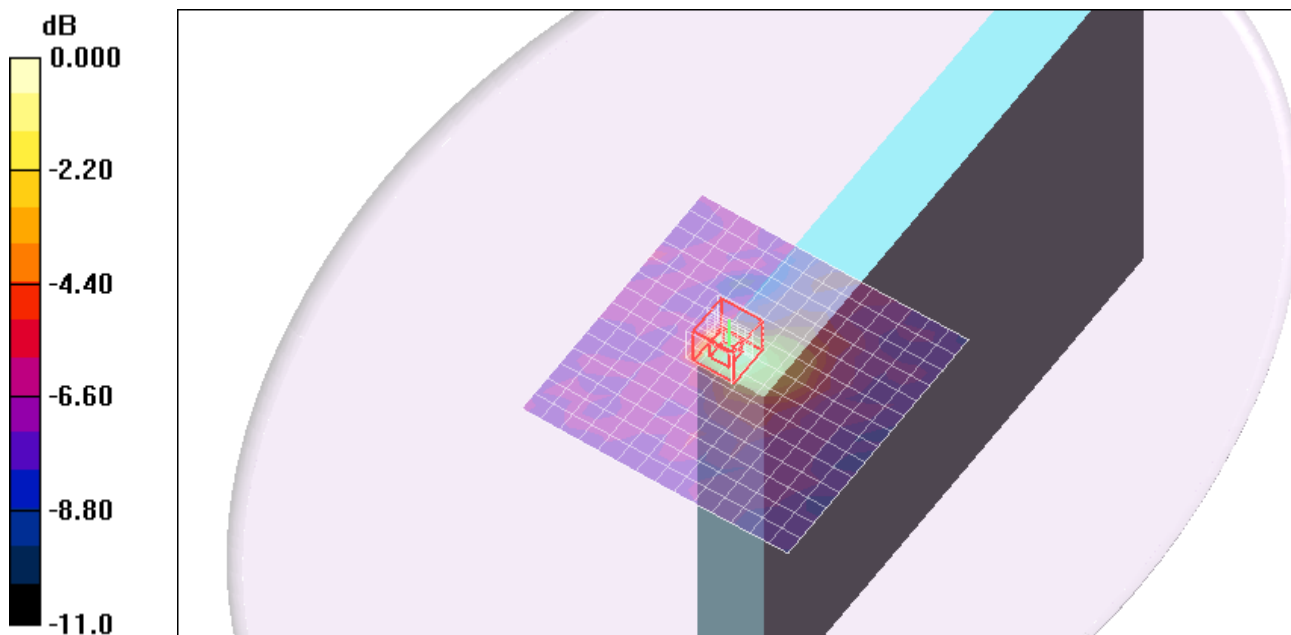
grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 4.83 V/m; Power Drift = -0.245 dB

Peak SAR (extrapolated) = 0.758 W/kg

SAR(1 g) = 0.195 mW/g; SAR(10 g) = 0.134 mW/g

Maximum value of SAR (measured) = 0.326 mW/g



0 dB = 0.326mW/g

Test Laboratory: Compliance Certification Services

Primary Landscape_5.2GHz_WNC Antenna

DUT: Lenovo; Type: X200 Tablet; Serial: NA

Communication System: 802.11abgn; Frequency: 5200 MHz;Duty Cycle: 1:1
Medium parameters used: $f = 5200$ MHz; $\sigma = 5.21$ mho/m; $\epsilon_r = 51$; $\rho = 1000$ 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: EX3DV4 - SN3686; ConvF(4.08, 4.08, 4.08); Calibrated: 3/23/2009
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 10/20/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Lapheld - 802.11n 20MHz_5.2G_A+C Antenna/Area Scan (15x15x1): Measurement grid:

$dx=10$ mm, $dy=10$ mm

Maximum value of SAR (measured) = 0.214 mW/g

Lapheld - 802.11n 20MHz_5.2G_A+C Antenna/Zoom Scan (7x7x9)/Cube 0: Measurement grid:

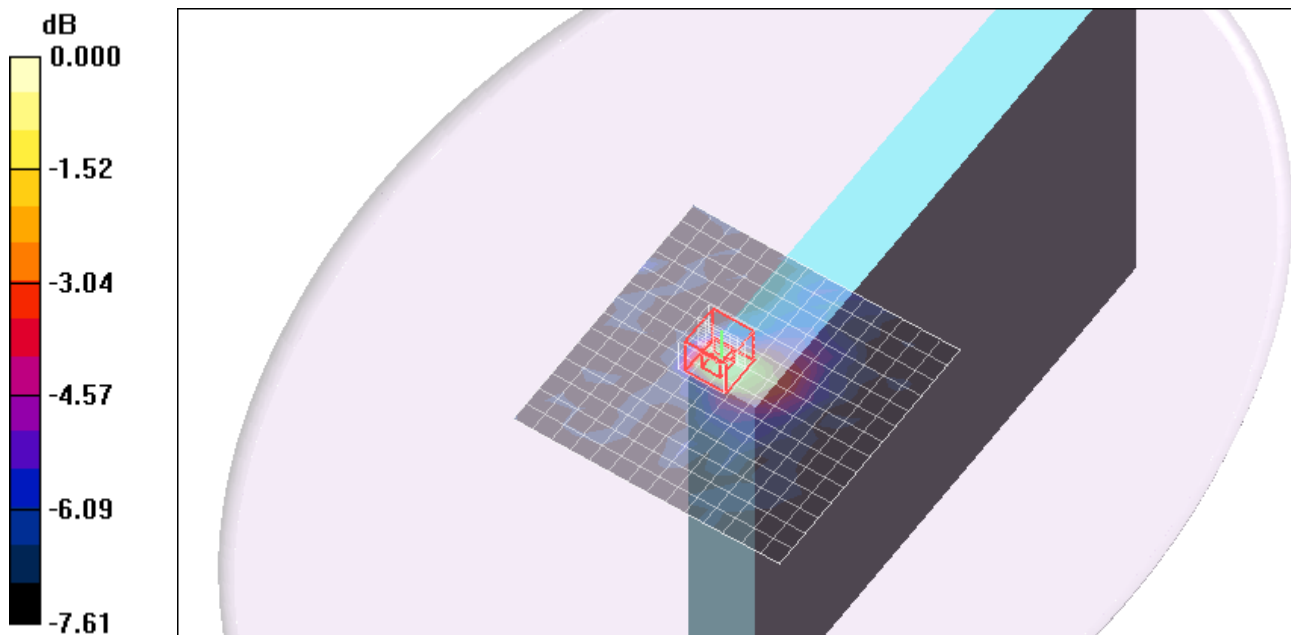
grid: $dx=4$ mm, $dy=4$ mm, $dz=2.5$ mm

Reference Value = 4.12 V/m; Power Drift = -0.252 dB

Peak SAR (extrapolated) = 0.647 W/kg

SAR(1 g) = 0.152 mW/g; SAR(10 g) = 0.108 mW/g

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



0 dB = 0.263mW/g

Test Laboratory: Compliance Certification Services

Primary Landscape_5.3GHz

DUT: Lenovo; Type: X200 Tablet; Serial: NA

Communication System: 802.11abgn; Frequency: 5280 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 5280$ MHz; $\sigma = 5.29$ mho/m; $\epsilon_r = 50.8$; $\rho = 1000$ 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: EX3DV4 - SN3686; ConvF(3.81, 3.81, 3.81); Calibrated: 3/23/2009
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 10/20/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Lapheld - 802.11n 20MHz_5.3G_A+C Antenna/Area Scan (15x15x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.291 mW/g

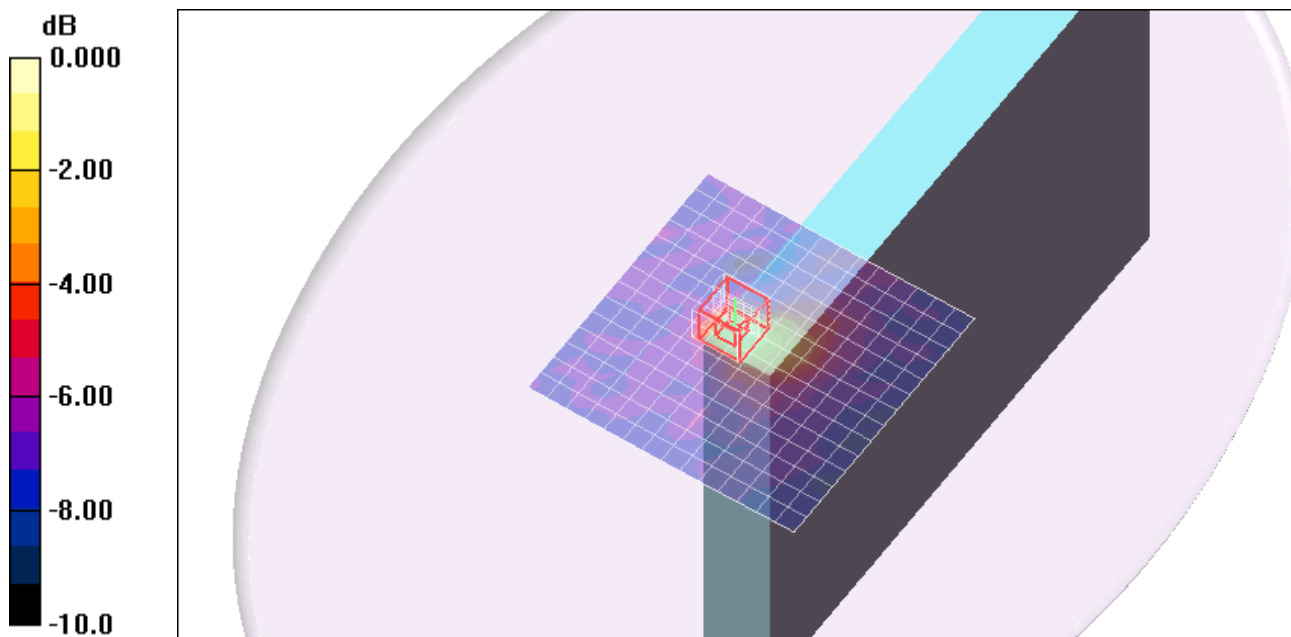
Lapheld - 802.11n 20MHz_5.3G_A+C Antenna/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 6.36 V/m; Power Drift = -0.215 dB

Peak SAR (extrapolated) = 0.916 W/kg

SAR(1 g) = 0.172 mW/g; SAR(10 g) = 0.082 mW/g

Maximum value of SAR (measured) = 0.282 mW/g



0 dB = 0.282mW/g

Test Laboratory: Compliance Certification Services

Primary Landscape_5.3GHz_WNC Antenna

DUT: Lenovo; Type: X200 Tablet; Serial: NA

Communication System: 802.11abgn; Frequency: 5280 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 5280$ MHz; $\sigma = 5.29$ mho/m; $\epsilon_r = 50.8$; $\rho = 1000$ 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: EX3DV4 - SN3686; ConvF(3.81, 3.81, 3.81); Calibrated: 3/23/2009
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 10/20/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Lapheld - 802.11n 20MHz_5.3G_A+C Antenna/Area Scan (15x15x1): Measurement grid:
dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.274 mW/g

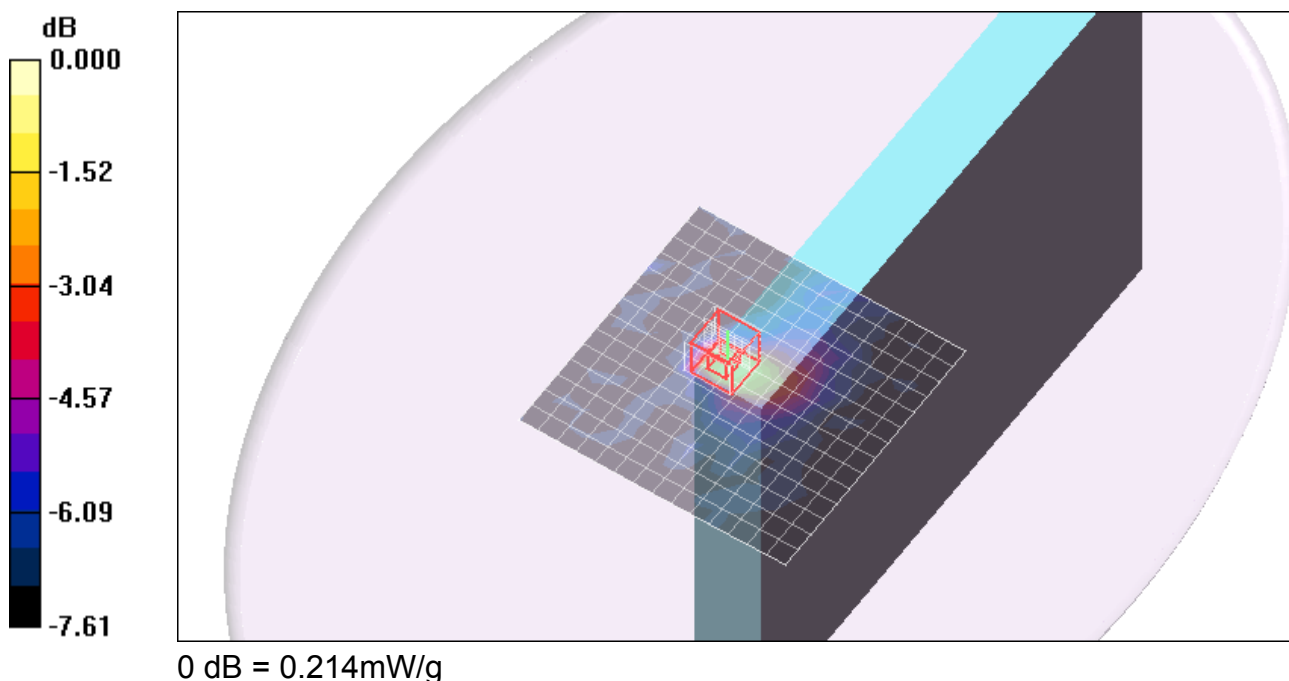
Lapheld - 802.11n 20MHz_5.3G_A+C Antenna/Zoom Scan (7x7x9)/Cube 0: Measurement grid:
dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 5.28 V/m; Power Drift = -0.201 dB

Peak SAR (extrapolated) = 0.877 W/kg

SAR(1 g) = 0.151 mW/g; SAR(10 g) = 0.102 mW/g

Maximum value of SAR (measured) = 0.214 mW/g



Test Laboratory: Compliance Certification Services

Primary Landscape_5.5GHz

DUT: Lenovo; Type: X200 Tablet; Serial: NA

Communication System: 802.11abgn; Frequency: 5600 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 5600$ MHz; $\sigma = 5.69$ mho/m; $\epsilon_r = 50.5$; $\rho = 1000$ 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 a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(3.61, 3.61, 3.61); Calibrated: 3/23/2009
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 10/20/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Lapheld - 802.11n 20MHz_5.5G_A+C Antenna/Area Scan (15x15x1): Measurement grid:

dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.244 mW/g

Lapheld - 802.11n 20MHz_5.5G_A+C Antenna/Zoom Scan (7x7x9)/Cube 0: Measurement grid:

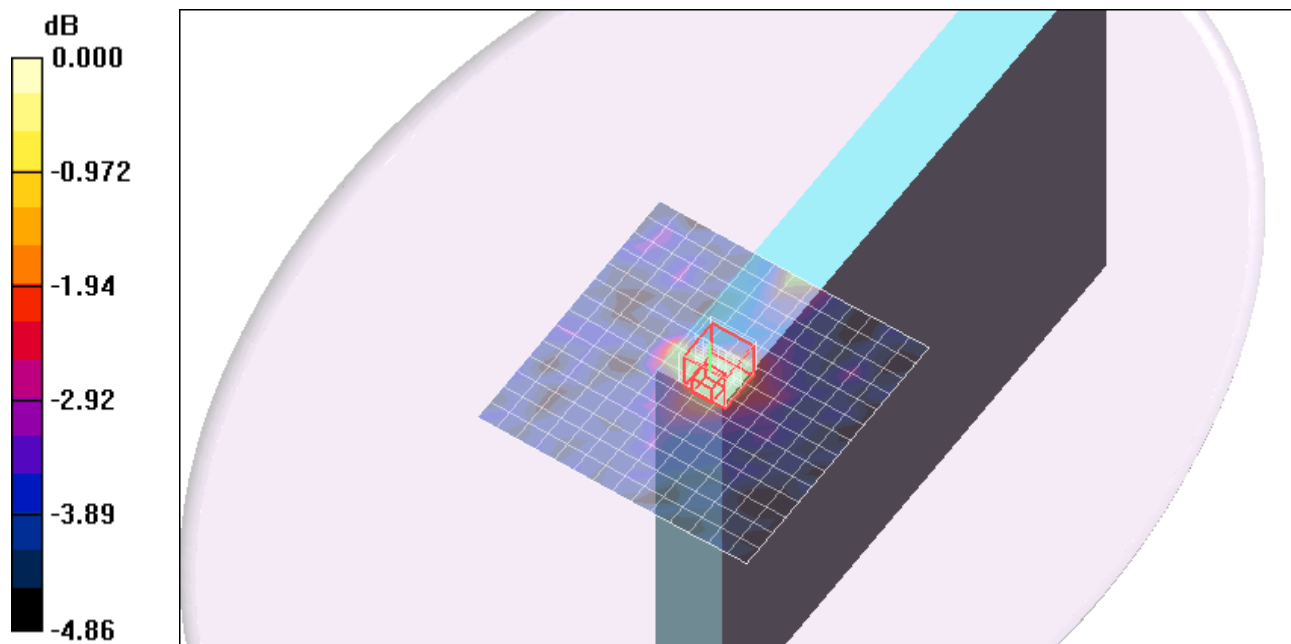
grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 6.60 V/m; Power Drift = 0.472 dB

Peak SAR (extrapolated) = 1.32 W/kg

SAR(1 g) = 0.156 mW/g; SAR(10 g) = 0.060 mW/g

Maximum value of SAR (measured) = 0.271 mW/g



0 dB = 0.271mW/g

Test Laboratory: Compliance Certification Services

Primary Landscape_5.8GHz

DUT: Lenovo; Type: X200 Tablet; Serial: NA

Communication System: 802.11abgn; Frequency: 5785 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 5785$ MHz; $\sigma = 6.02$ mho/m; $\epsilon_r = 49.9$; $\rho = 1000$ 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 a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(3.84, 3.84, 3.84); Calibrated: 3/23/2009
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 10/20/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Lapheld - 802.11n 20MHz_5.8G_A+C Antenna/Area Scan (15x15x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.237 mW/g

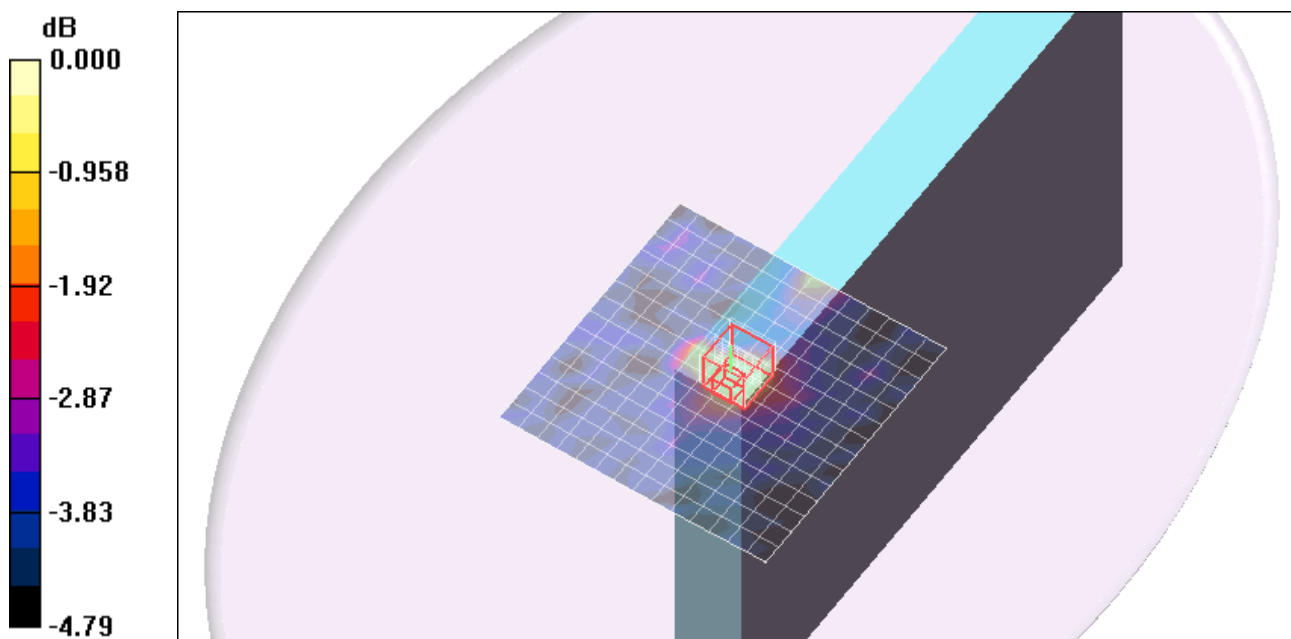
Lapheld - 802.11n 20MHz_5.8G_A+C Antenna/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 6.38 V/m; Power Drift = 0.361 dB

Peak SAR (extrapolated) = 1.27 W/kg

SAR(1 g) = 0.152 mW/g; SAR(10 g) = 0.058 mW/g

Maximum value of SAR (measured) = 0.264 mW/g



0 dB = 0.264mW/g

Test Laboratory: Compliance Certification Services

Secondary Landscape_5.2GHz

DUT: Lenovo; Type: X200 Tablet; Serial: NA

Communication System: 802.11abgn; Frequency: 5200 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5200$ MHz; $\sigma = 5.24$ mho/m; $\epsilon_r = 50.7$; $\rho = 1000$ 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: EX3DV4 - SN3686; ConvF(4.08, 4.08, 4.08); Calibrated: 3/23/2009
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 10/20/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Lapheld - 802.11a_5.2G_A Antenna/Area Scan (15x15x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.167 mW/g

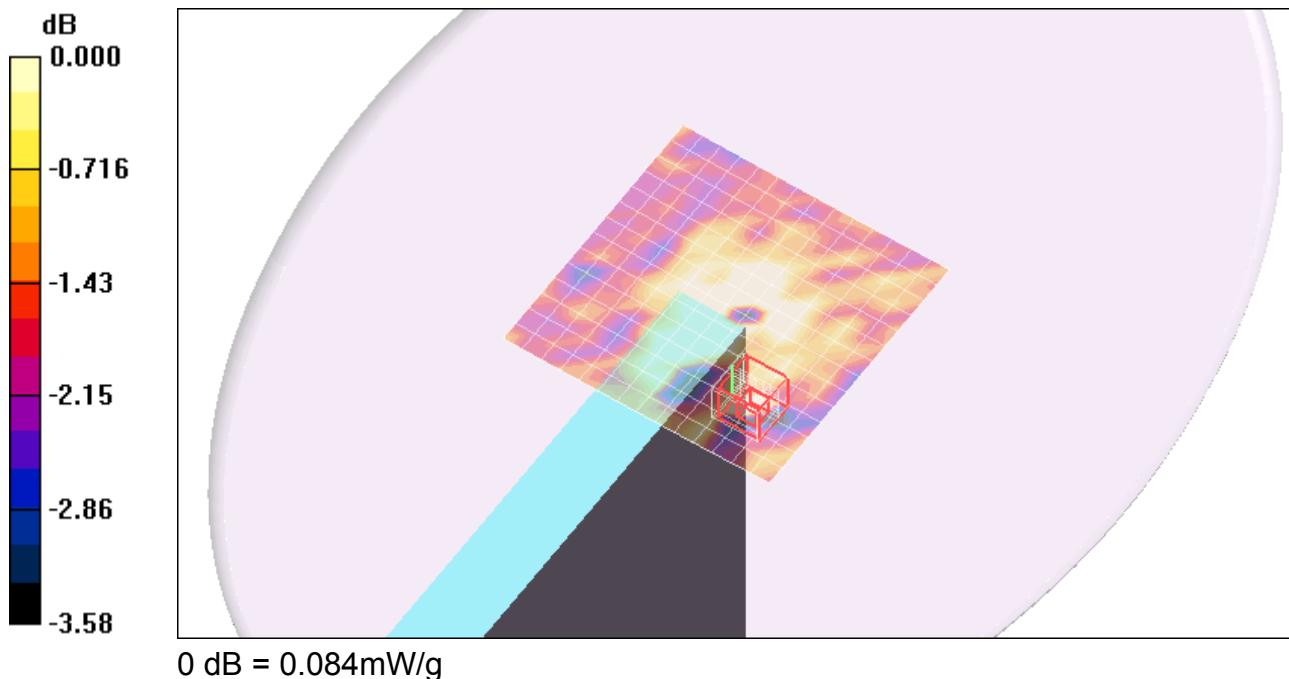
Lapheld - 802.11a_5.2G_A Antenna/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 4.10 V/m; Power Drift = 0.453 dB

Peak SAR (extrapolated) = 0.103 W/kg

SAR(1 g) = 0.065 mW/g; SAR(10 g) = 0.061 mW/g

Maximum value of SAR (measured) = 0.084 mW/g



Test Laboratory: Compliance Certification Services

Secondary Landscape_5.2GHz

DUT: Lenovo; Type: X200 Tablet; Serial: NA

Communication System: 802.11abgn; Frequency: 5200 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5200$ MHz; $\sigma = 5.24$ mho/m; $\epsilon_r = 50.7$; $\rho = 1000$ 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: EX3DV4 - SN3686; ConvF(4.08, 4.08, 4.08); Calibrated: 3/23/2009
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 10/20/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Lapheld - 802.11n 20MHz_5.2G_A+C Antenna/Area Scan (15x15x1): Measurement grid:

dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.123 mW/g

Lapheld - 802.11n 20MHz_5.2G_A+C Antenna/Zoom Scan (7x7x9)/Cube 0: Measurement grid:

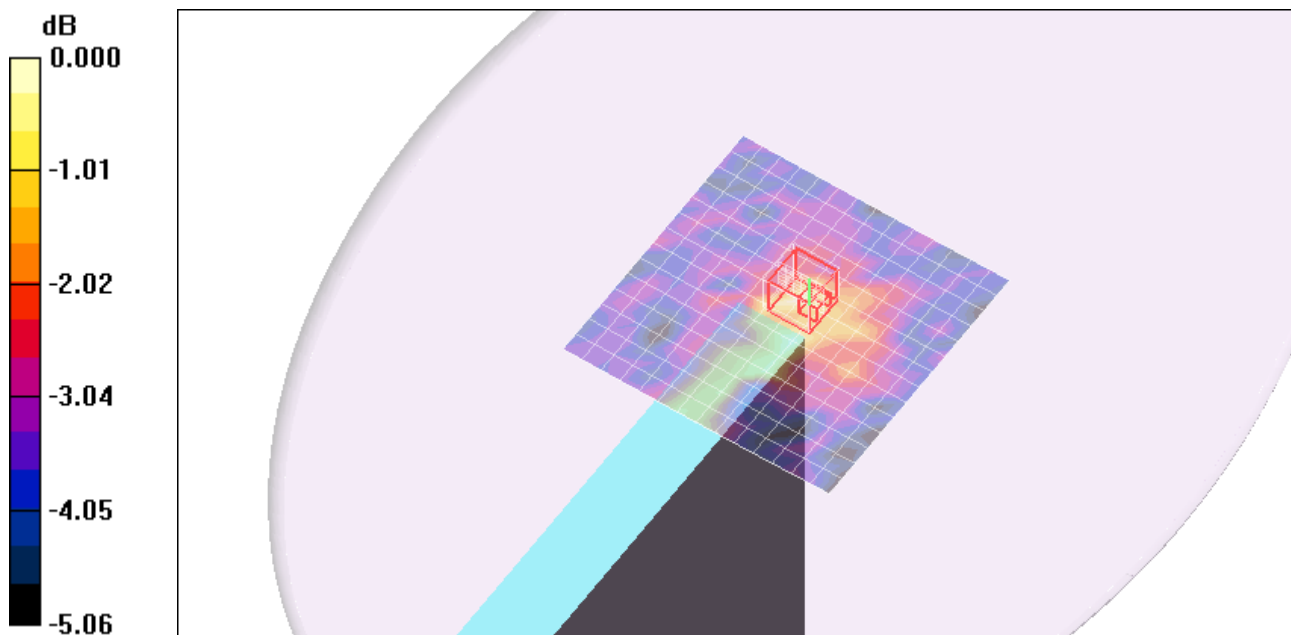
grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 4.30 V/m; Power Drift = 0.882 dB

Peak SAR (extrapolated) = 0.221 W/kg

SAR(1 g) = 0.097 mW/g; SAR(10 g) = 0.073 mW/g

Maximum value of SAR (measured) = 0.126 mW/g



0 dB = 0.126mW/g

Test Laboratory: Compliance Certification Services

Secondary Landscape_5.3GHz

DUT: Lenovo; Type: X200 Tablet; Serial: NA

Communication System: 802.11abgn; Frequency: 5280 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 5280$ MHz; $\sigma = 5.31$ mho/m; $\epsilon_r = 50.5$; $\rho = 1000$ 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 a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(3.81, 3.81, 3.81); Calibrated: 3/23/2009
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 10/20/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Lapheld - 802.11n 20MHz_5.3G_A+C Antenna/Area Scan (15x15x1): Measurement grid:
dx=10mm, dy=10mm

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

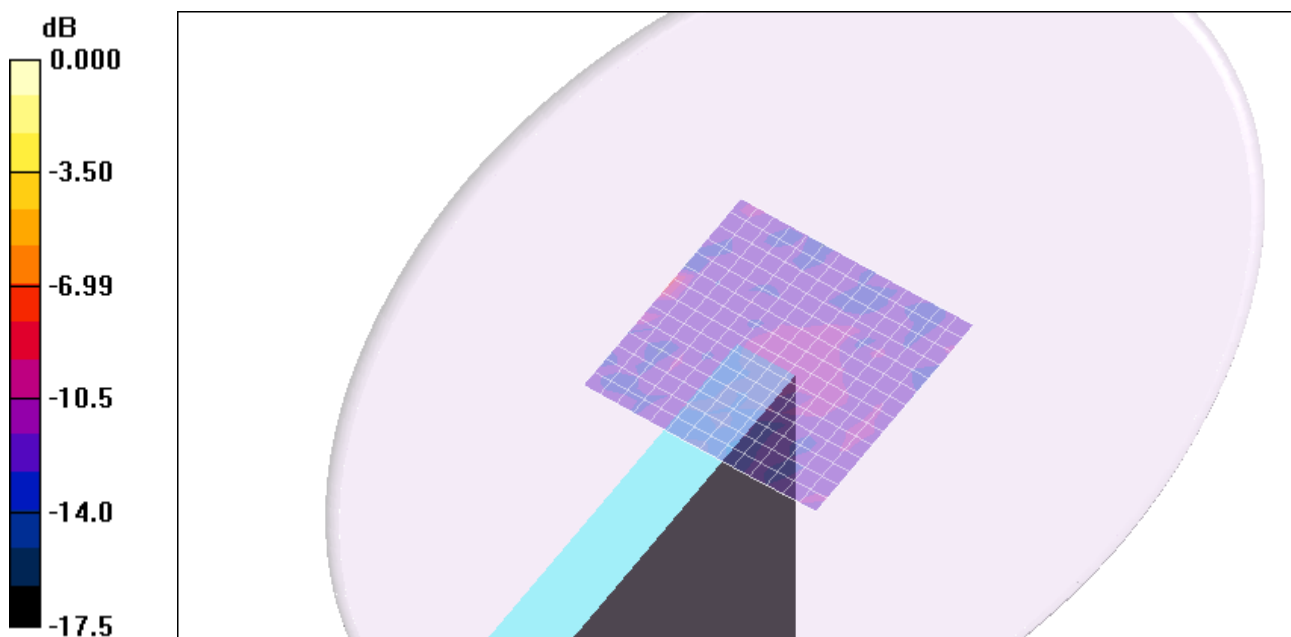
Lapheld - 802.11n 20MHz_5.3G_A+C Antenna/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 4.78 V/m; Power Drift = -1.57 dB

Peak SAR (extrapolated) = 1.05 W/kg

SAR(1 g) = 0.00779 mW/g; SAR(10 g) = 0.000789 mW/g

Maximum value of SAR (measured) = 1.05 mW/g



Test Laboratory: Compliance Certification Services

Secondary Landscape_5.5GHz

DUT: Lenovo; Type: X200 Tablet; Serial: NA

Communication System: 802.11abgn; Frequency: 5600 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5600$ MHz; $\sigma = 5.72$ mho/m; $\epsilon_r = 50.2$; $\rho = 1000$ 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 a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(3.61, 3.61, 3.61); Calibrated: 3/23/2009
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 10/20/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Lapheld - 802.11n 20MHz_5.5G_A+C Antenna/Area Scan (15x15x1): Measurement grid:

dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.157 mW/g

Lapheld - 802.11n 20MHz_5.5G_A+C Antenna/Zoom Scan (7x7x9)/Cube 0: Measurement grid:

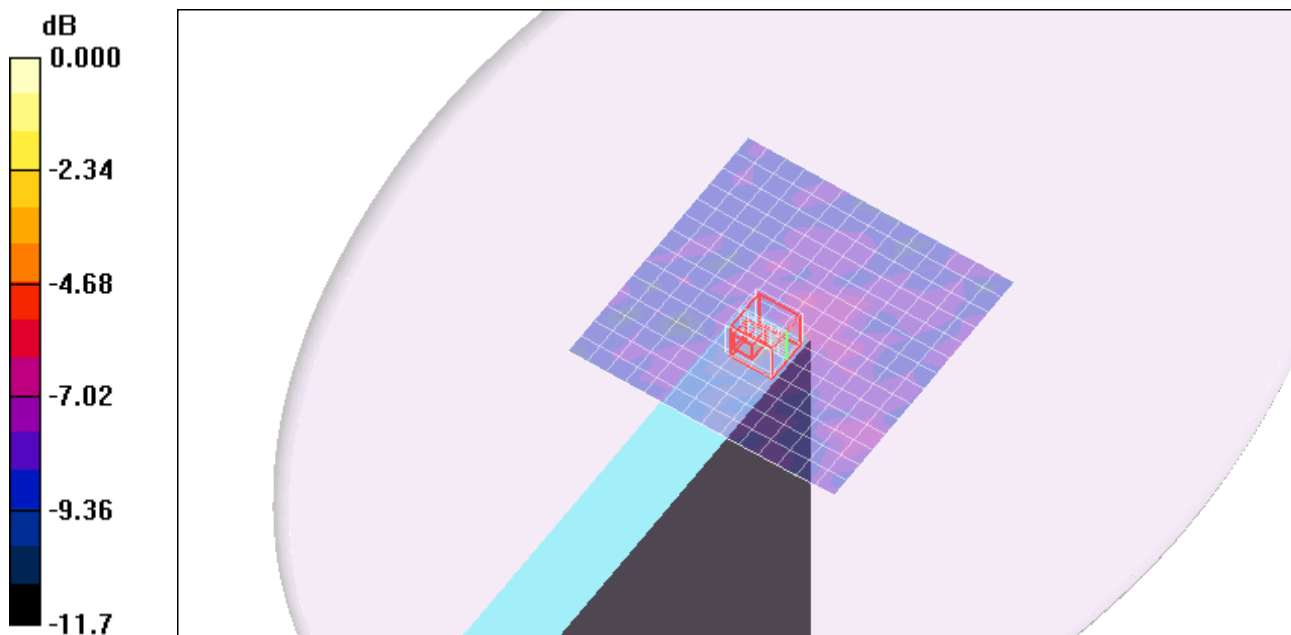
dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 5.12 V/m; Power Drift = -1.23 dB

Peak SAR (extrapolated) = 0.902 W/kg

SAR(1 g) = 0.048 mW/g; SAR(10 g) = 0.0051 mW/g

Maximum value of SAR (measured) = 0.525 mW/g



0 dB = 0.525mW/g

Test Laboratory: Compliance Certification Services

Secondary Landscape_5.8GHz

DUT: Lenovo; Type: X200 Tablet; Serial: NA

Communication System: 802.11abgn; Frequency: 5785 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 5785$ MHz; $\sigma = 6.04$ mho/m; $\epsilon_r = 49.5$; $\rho = 1000$ 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 a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(3.84, 3.84, 3.84); Calibrated: 3/23/2009
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 10/20/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Lapheld - 802.11n 20MHz_5.8G_A+C Antenna/Area Scan (15x15x1): Measurement grid:
dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.316 mW/g

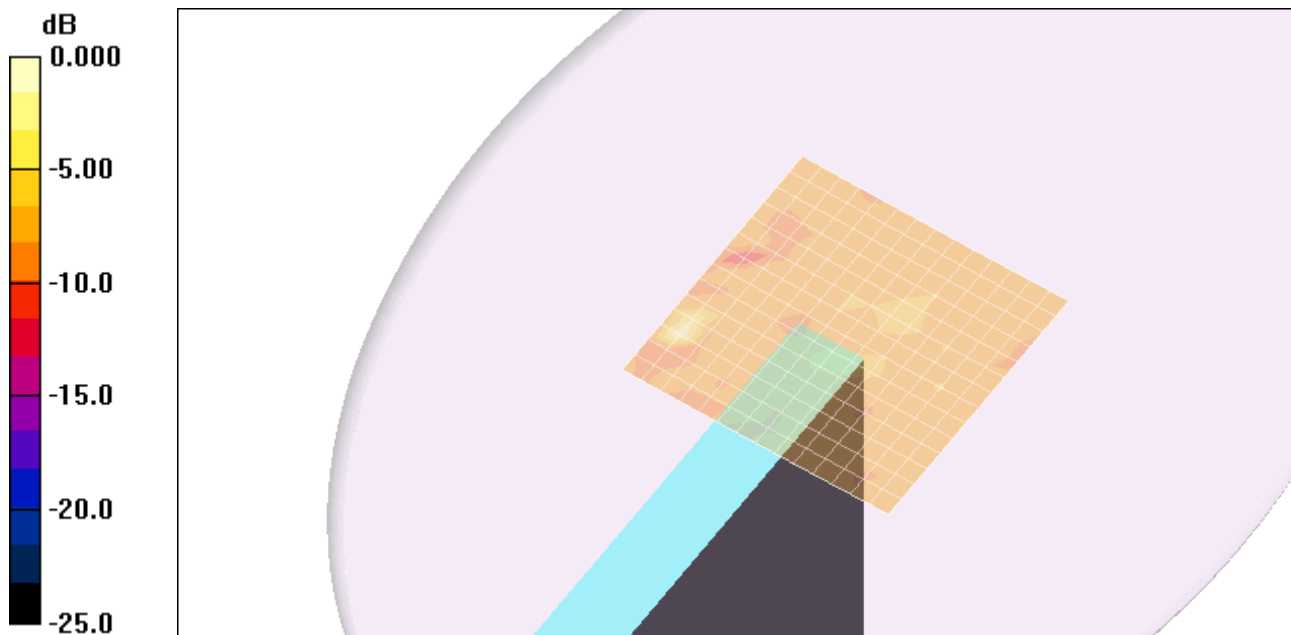
Lapheld - 802.11n 20MHz_5.8G_A+C Antenna/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 4.87 V/m; Power Drift = -0.552 dB

Peak SAR (extrapolated) = 0.437 W/kg

SAR(1 g) = 0.00186 mW/g; SAR(10 g) = 9.97e-005 mW/g

Maximum value of SAR (measured) = 0.437 mW/g



Test Laboratory: Compliance Certification Services

Primary Portrait_5.2GHz

DUT: Lenovo; Type: X200 Tablet; Serial: NA

Communication System: 802.11abgn; Frequency: 5200 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5200$ MHz; $\sigma = 5.24$ mho/m; $\epsilon_r = 50.7$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

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

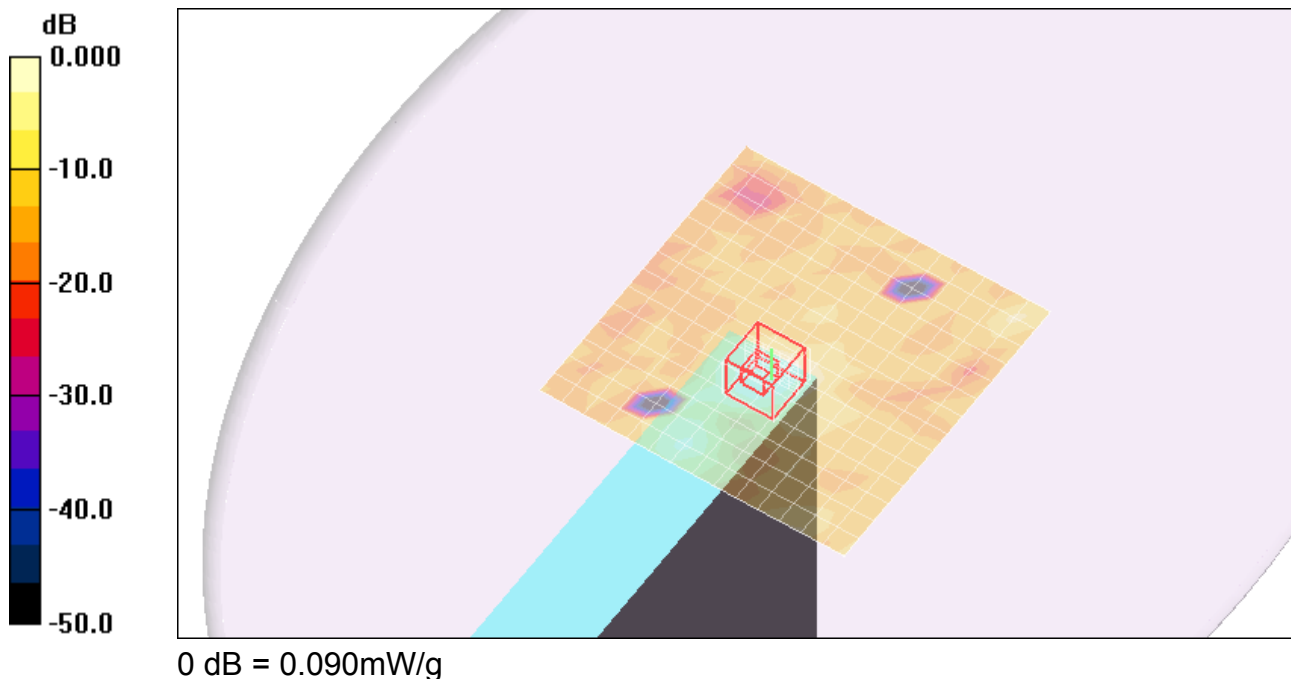
DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(4.08, 4.08, 4.08); Calibrated: 3/23/2009
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 10/20/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Lapheld - 802.11a_5.2G_B Antenna/Area Scan (15x15x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.137 mW/g

Lapheld - 802.11a_5.2G_B Antenna/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 3.07 V/m; Power Drift = -2.97 dB
Peak SAR (extrapolated) = 0.572 W/kg
SAR(1 g) = 0.064 mW/g; SAR(10 g) = 0.020 mW/g

Maximum value of SAR (measured) = 0.090 mW/g



Test Laboratory: Compliance Certification Services

Primary Portrait_5.3GHz

DUT: Lenovo; Type: X200 Tablet; Serial: NA

Communication System: 802.11abgn; Frequency: 5280 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 5280$ MHz; $\sigma = 5.31$ mho/m; $\epsilon_r = 50.5$; $\rho = 1000$ 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 a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(3.81, 3.81, 3.81); Calibrated: 3/23/2009
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 10/20/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Lapheld - 802.11a_5.3G_B Antenna/Area Scan (15x15x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.176 mW/g

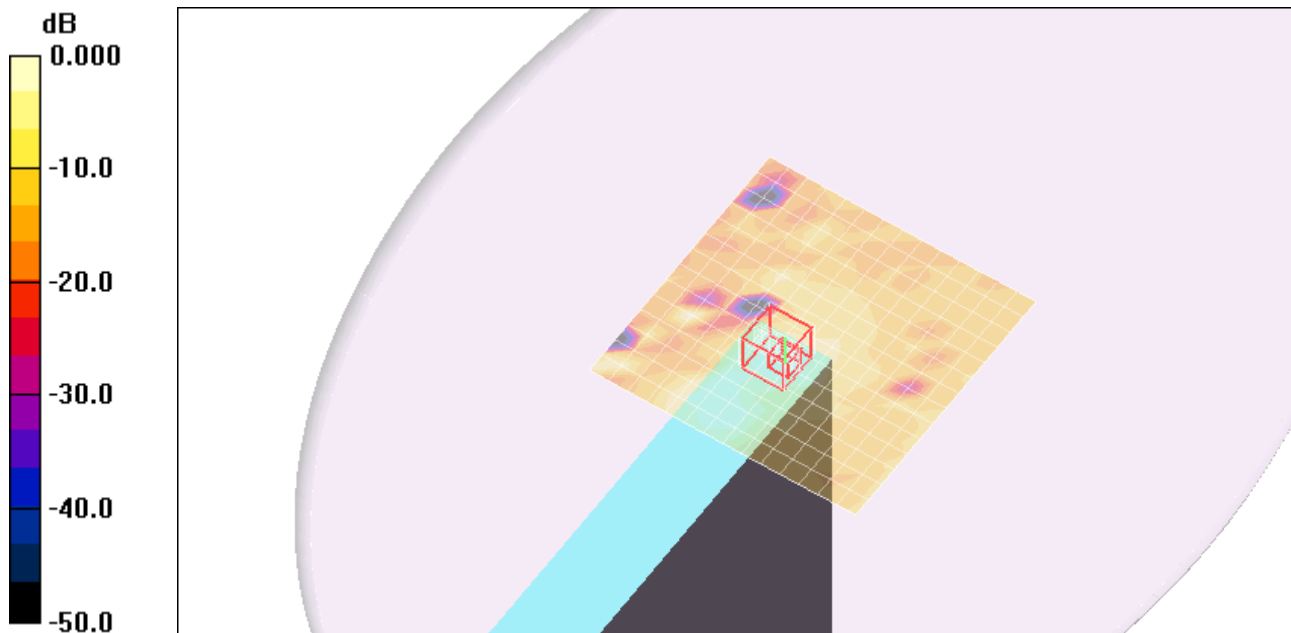
Lapheld - 802.11a_5.3G_B Antenna/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 3.97 V/m; Power Drift = -0.436 dB

Peak SAR (extrapolated) = 0.292 W/kg

SAR(1 g) = 0.075 mW/g; SAR(10 g) = 0.026 mW/g

Maximum value of SAR (measured) = 0.146 mW/g



0 dB = 0.146mW/g

Test Laboratory: Compliance Certification Services

Primary Portrait_5.5GHz

DUT: Lenovo; Type: X200 Tablet; Serial: NA

Communication System: 802.11abgn; Frequency: 5600 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5600$ MHz; $\sigma = 5.72$ mho/m; $\epsilon_r = 50.2$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

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

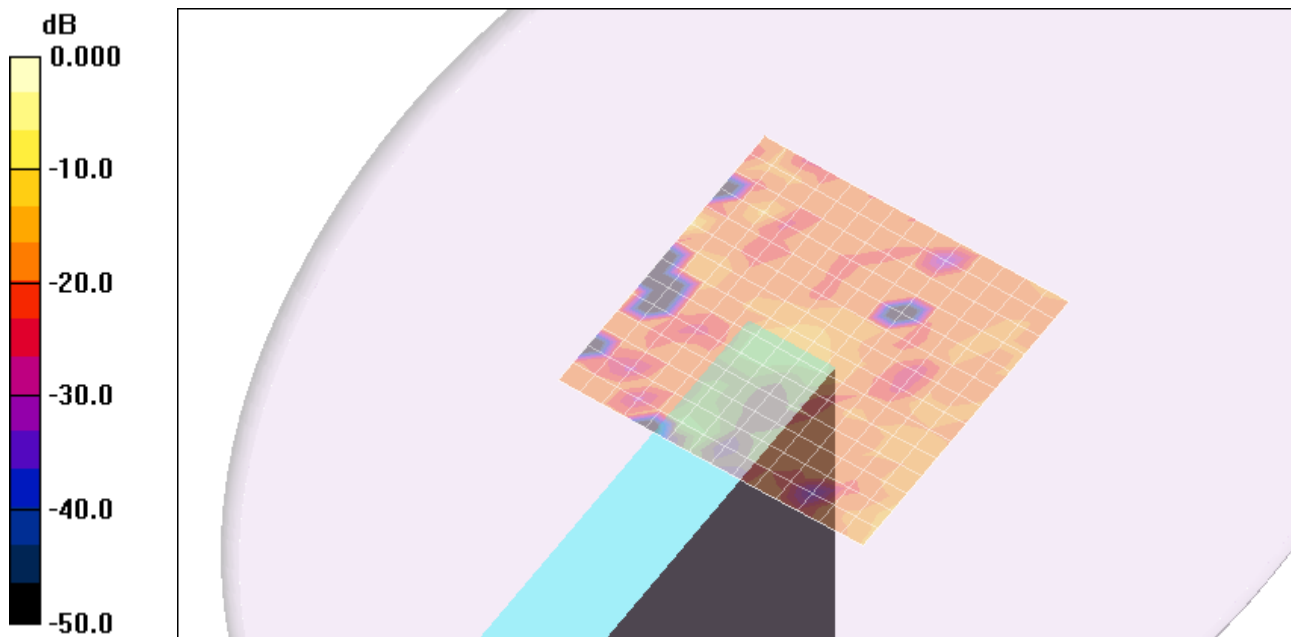
DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(3.61, 3.61, 3.61); Calibrated: 3/23/2009
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 10/20/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Lapheld - 802.11a_5.5G_B Antenna/Area Scan (15x15x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.053 mW/g

Lapheld - 802.11a_5.5G_B Antenna/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 2.86 V/m; Power Drift = -0.443 dB
Peak SAR (extrapolated) = 0.787 W/kg
SAR(1 g) = 0.01 mW/g; SAR(10 g) = 0.000778 mW/g

Maximum value of SAR (measured) = 0.344 mW/g



0 dB = 0.344mW/g

Test Laboratory: Compliance Certification Services

Primary Portrait_5.8GHz

DUT: Lenovo; Type: X200 Tablet; Serial: NA

Communication System: 802.11abgn; Frequency: 5785 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 5785$ MHz; $\sigma = 6.04$ mho/m; $\epsilon_r = 49.5$; $\rho = 1000$ 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 a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(3.84, 3.84, 3.84); Calibrated: 3/23/2009
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 10/20/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Lapheld - 802.11a_5.8G_B Antenna/Area Scan (15x15x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.199 mW/g

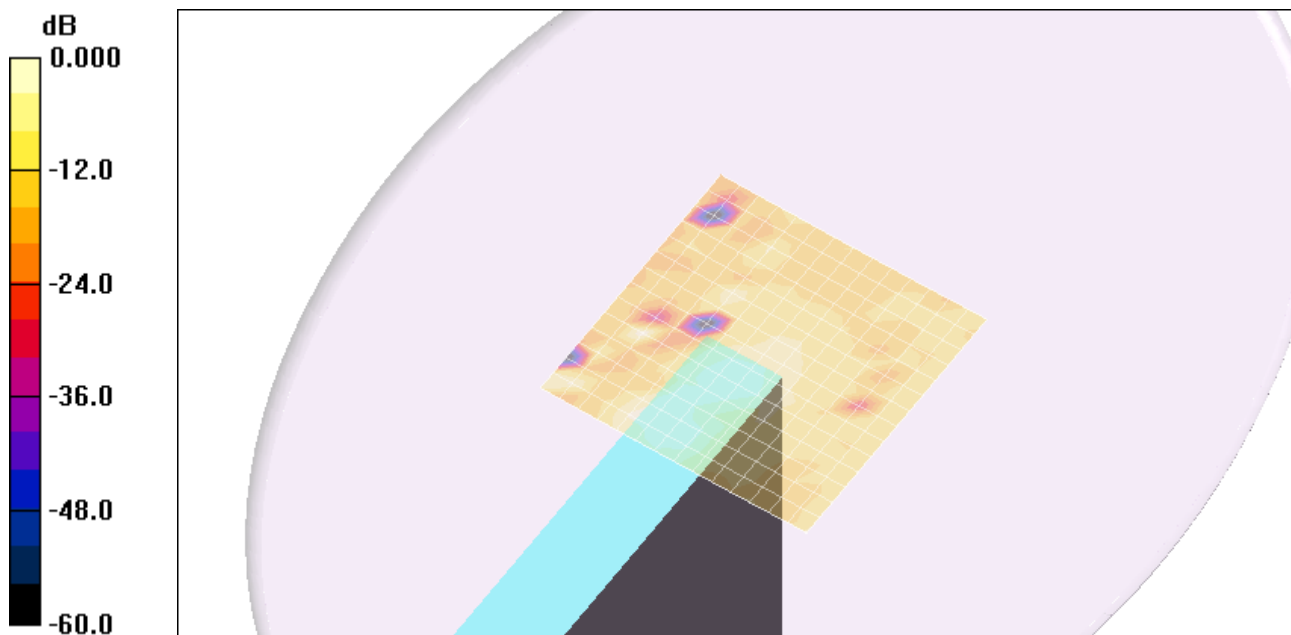
Lapheld - 802.11a_5.8G_B Antenna/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 2.96 V/m; Power Drift = -0.256 dB

Peak SAR (extrapolated) = 0.129 W/kg

SAR(1 g) = 0.035 mW/g; SAR(10 g) = 0.012 mW/g

Maximum value of SAR (measured) = 0.065 mW/g



0 dB = 0.165mW/g

Test Laboratory: Compliance Certification Services

Secondary Portrait_5.2GHz

DUT: Lenovo; Type: X200 Tablet; Serial: NA

Communication System: 802.11abgn; Frequency: 5200 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5200$ MHz; $\sigma = 5.2$ mho/m; $\epsilon_r = 50.5$; $\rho = 1000$ 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 a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(4.08, 4.08, 4.08); Calibrated: 3/23/2009
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 10/20/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Lapheld - 802.11a_5.2G_B Antenna/Area Scan (15x15x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.325 mW/g

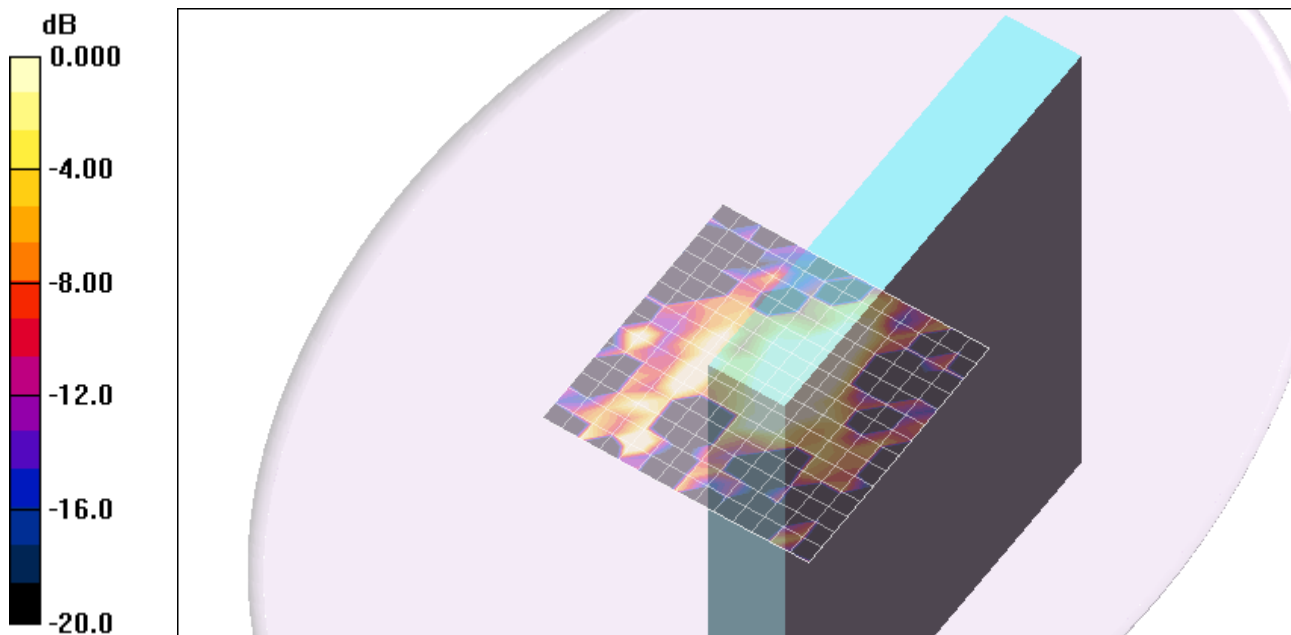
Lapheld - 802.11a_5.2G_B Antenna/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.29 V/m; Power Drift = 5.87 dB

Peak SAR (extrapolated) = 0.019 W/kg

SAR(1 g) = 0.000129 mW/g; SAR(10 g) = 2.36e-005 mW/g

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



0 dB = 0.019mW/g

Test Laboratory: Compliance Certification Services

Secondary Portrait_5.3GHz

DUT: Lenovo; Type: X200 Tablet; Serial: NA

Communication System: 802.11abgn; Frequency: 5280 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 5280$ MHz; $\sigma = 5.28$ mho/m; $\epsilon_r = 50.3$; $\rho = 1000$ 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: EX3DV4 - SN3686; ConvF(3.81, 3.81, 3.81); Calibrated: 3/23/2009
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 10/20/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Lapheld - 802.11a_5.3G_B Antenna/Area Scan (15x15x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.159 mW/g

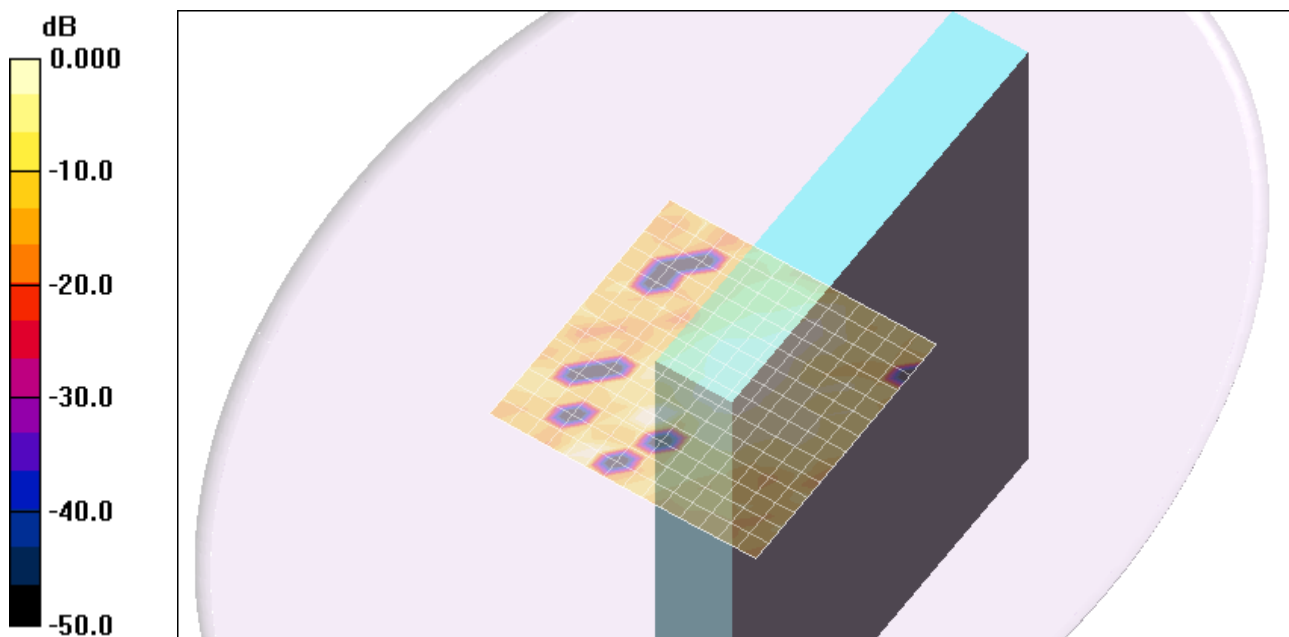
Lapheld - 802.11a_5.3G_B Antenna/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 3.13 V/m; Power Drift = -0.288 dB

Peak SAR (extrapolated) = 0.121 W/kg

SAR(1 g) = 0.00235 mW/g; SAR(10 g) = 0.000393 mW/g

Maximum value of SAR (measured) = 0.046 mW/g



Test Laboratory: Compliance Certification Services

Secondary Portrait_5.5GHz

DUT: Lenovo; Type: X200 Tablet; Serial: NA

Communication System: 802.11abgn; Frequency: 5600 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5600$ MHz; $\sigma = 5.68$ mho/m; $\epsilon_r = 50$; $\rho = 1000$ 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: EX3DV4 - SN3686; ConvF(3.61, 3.61, 3.61); Calibrated: 3/23/2009
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 10/20/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Lapheld - 802.11a_5.5G_B Antenna/Area Scan (15x15x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.021 mW/g

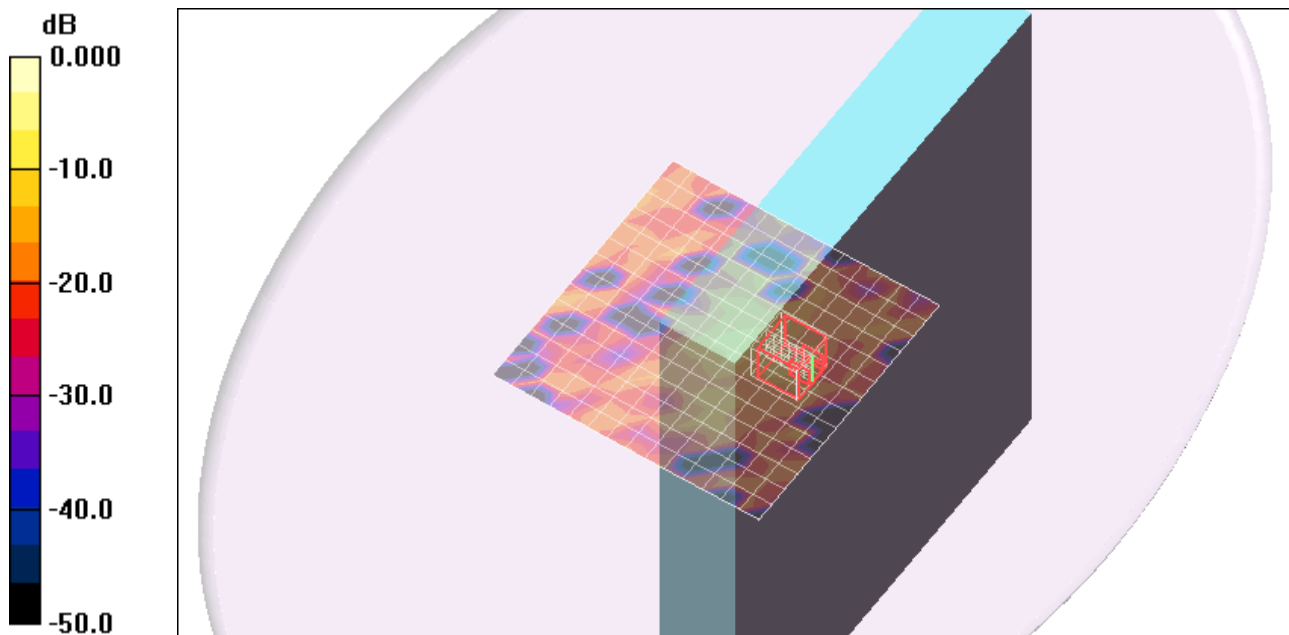
Lapheld - 802.11a_5.5G_B Antenna/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.59 V/m; Power Drift = 2.60 dB

Peak SAR (extrapolated) = 0.624 W/kg

SAR(1 g) = 0.062 mW/g; SAR(10 g) = 0.028 mW/g

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



0 dB = 0.246mW/g

Test Laboratory: Compliance Certification Services

Secondary Portrait_5.8GHz

DUT: Lenovo; Type: X200 Tablet; Serial: NA

Communication System: 802.11abgn; Frequency: 5785 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 5785$ MHz; $\sigma = 6.01$ mho/m; $\epsilon_r = 49.4$; $\rho = 1000$ 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 a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(3.84, 3.84, 3.84); Calibrated: 3/23/2009
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 10/20/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Lapheld - 802.11a_5.8G_B Antenna/Area Scan (15x15x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.31 mW/g

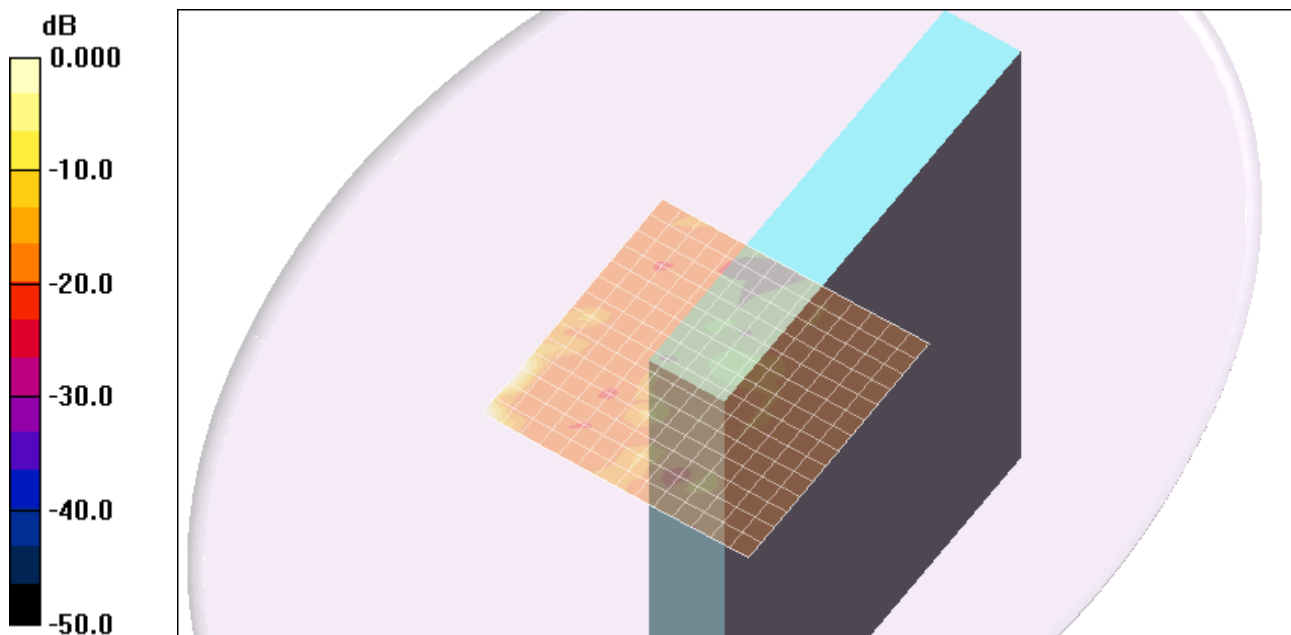
Lapheld - 802.11a_5.8G_B Antenna/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.94 V/m; Power Drift = -2.47 dB

Peak SAR (extrapolated) = 0.675 W/kg

SAR(1 g) = 0.00466 mW/g; SAR(10 g) = 0.000293 mW/g

Maximum value of SAR (measured) = 0.665 mW/g



0 dB = 0.665mW/g

Test Laboratory: Compliance Certification Services

Lapheld_5.2GHz_Antenna B

DUT: Lenovo; Type: X200 Tablet; Serial: NA

Communication System: 802.11abgn; Frequency: 5200 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5200 \text{ MHz}$; $\sigma = 5.2 \text{ mho/m}$; $\epsilon_r = 50.5$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

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

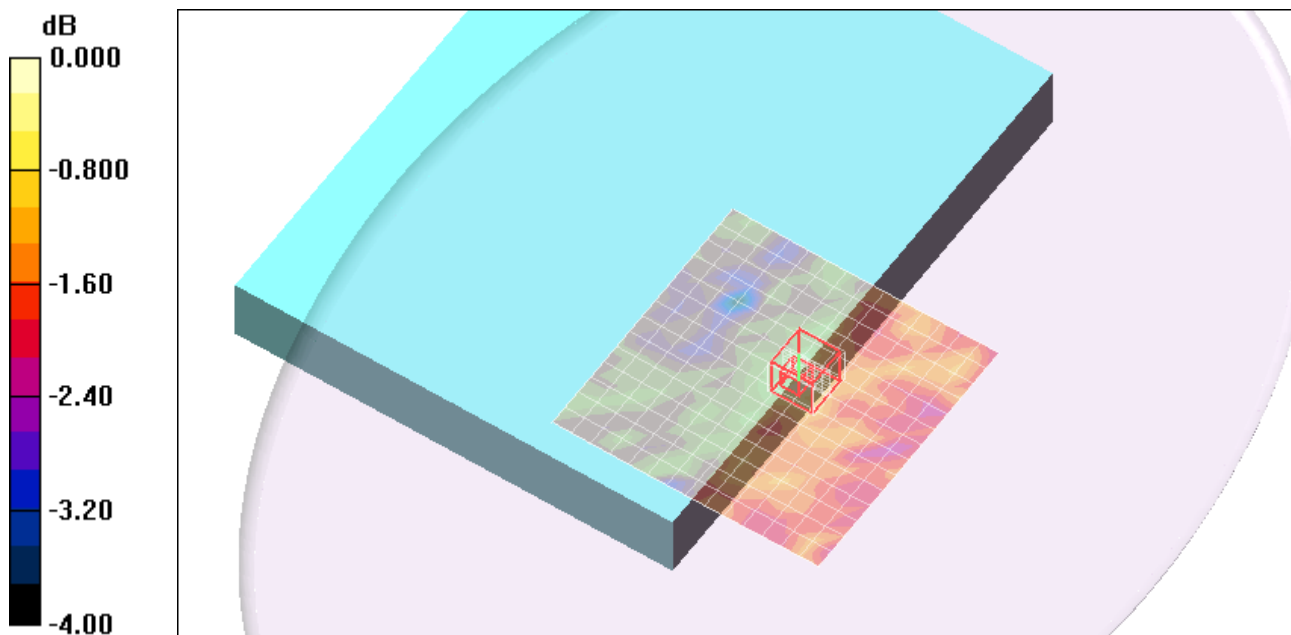
DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(4.08, 4.08, 4.08); Calibrated: 3/23/2009
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 10/20/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Lapheld - 802.11a_5.2G_B Antenna/Area Scan (15x15x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.164 mW/g

Lapheld - 802.11a_5.2G_B Antenna/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 5.71 V/m; Power Drift = 0.122 dB
Peak SAR (extrapolated) = 0.229 W/kg
SAR(1 g) = 0.156 mW/g; SAR(10 g) = 0.144 mW/g

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



0 dB = 0.172mW/g

Test Laboratory: Compliance Certification Services

Lapheld_5.3GHz_Antenna B

DUT: Lenovo; Type: X200 Tablet; Serial: NA

Communication System: 802.11abgn; Frequency: 5280 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 5280$ MHz; $\sigma = 5.28$ mho/m; $\epsilon_r = 50.3$; $\rho = 1000$ 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: EX3DV4 - SN3686; ConvF(3.81, 3.81, 3.81); Calibrated: 3/23/2009
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 10/20/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Lapheld - 802.11a_5.3G_B Antenna/Area Scan (15x15x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.187 mW/g

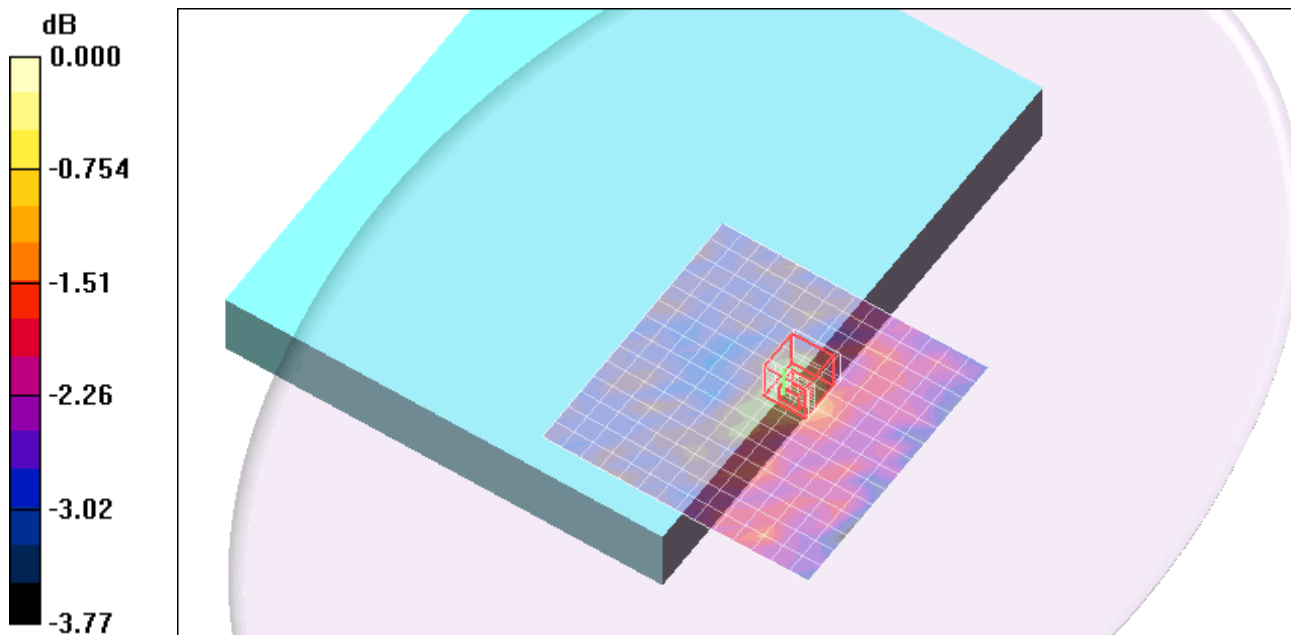
Lapheld - 802.11a_5.3G_B Antenna/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 5.59 V/m; Power Drift = 0.285 dB

Peak SAR (extrapolated) = 1.43 W/kg

SAR(1 g) = 0.166 mW/g; SAR(10 g) = 0.069 mW/g

Maximum value of SAR (measured) = 0.212 mW/g



0 dB = 0.212mW/g

Test Laboratory: Compliance Certification Services

Lapheld_5.5GHz_Antenna B

DUT: Lenovo; Type: X200 Tablet; Serial: NA

Communication System: 802.11abgn; Frequency: 5600 MHz;Duty Cycle: 1:1
Medium parameters used: $f = 5600 \text{ MHz}$; $\sigma = 5.68 \text{ mho/m}$; $\epsilon_r = 50$; $\rho = 1000 \text{ kg/m}^3$
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: EX3DV4 - SN3686; ConvF(3.61, 3.61, 3.61); Calibrated: 3/23/2009
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 10/20/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Lapheld - 802.11a_5.5G_B Antenna/Area Scan (15x15x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.217 mW/g

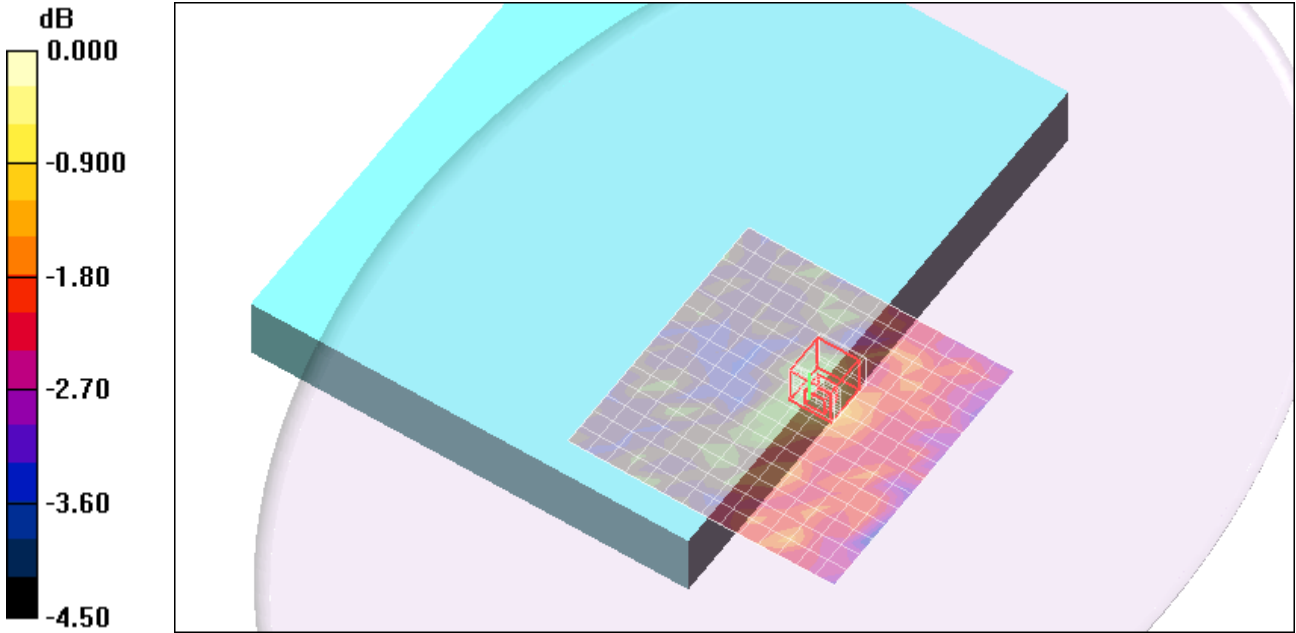
Lapheld - 802.11a_5.5G_B Antenna/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 5.68 V/m; Power Drift = 0.235 dB

Peak SAR (extrapolated) = 1.62 W/kg

SAR(1 g) = 0.189 mW/g; SAR(10 g) = 0.072 mW/g

Maximum value of SAR (measured) = 0.238 mW/g



0 dB = 0.242mW/g

Test Laboratory: Compliance Certification Services

Lapheld_5.5GHz_WNC Antenna B

DUT: Lenovo; Type: X200 Tablet; Serial: NA

Communication System: 802.11abgn; Frequency: 5600 MHz;Duty Cycle: 1:1
Medium parameters used: $f = 5600 \text{ MHz}$; $\sigma = 5.66 \text{ mho/m}$; $\epsilon_r = 50.1$; $\rho = 1000 \text{ kg/m}^3$
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: EX3DV4 - SN3686; ConvF(3.61, 3.61, 3.61); Calibrated: 3/23/2009
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 10/20/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Lapheld - 802.11a_5.5G_B Antenna/Area Scan (15x15x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.211 mW/g

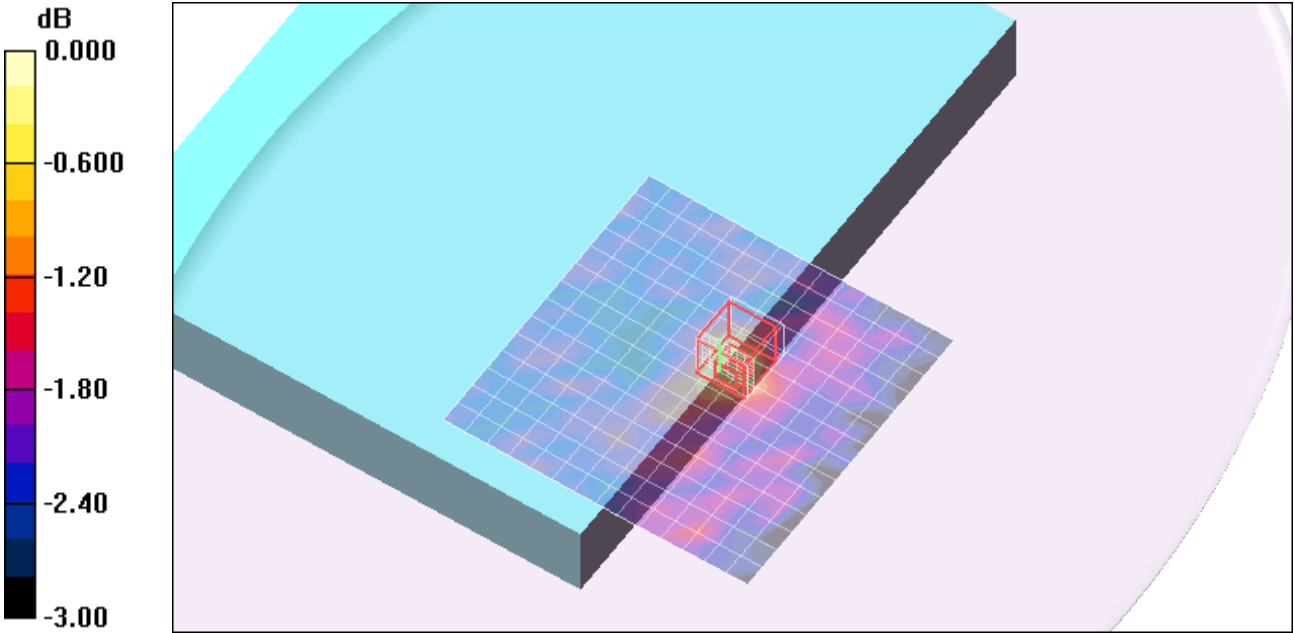
Lapheld - 802.11a_5.5G_B Antenna/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 4.72 V/m; Power Drift = 0.285 dB

Peak SAR (extrapolated) = 1.43 W/kg

SAR(1 g) = 0.129 mW/g; SAR(10 g) = 0.037 mW/g

Maximum value of SAR (measured) = 0.221 mW/g



0 dB = 0.221mW/g

Test Laboratory: Compliance Certification Services

Lapheld_5.8GHz_Antenna B

DUT: Lenovo; Type: X200 Tablet; Serial: NA

Communication System: 802.11abgn; Frequency: 5785 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 5785$ MHz; $\sigma = 6.01$ mho/m; $\epsilon_r = 49.4$; $\rho = 1000$ 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 a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(3.84, 3.84, 3.84); Calibrated: 3/23/2009
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 10/20/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Lapheld - 802.11a_5.8G_B Antenna/Area Scan (15x15x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.182 mW/g

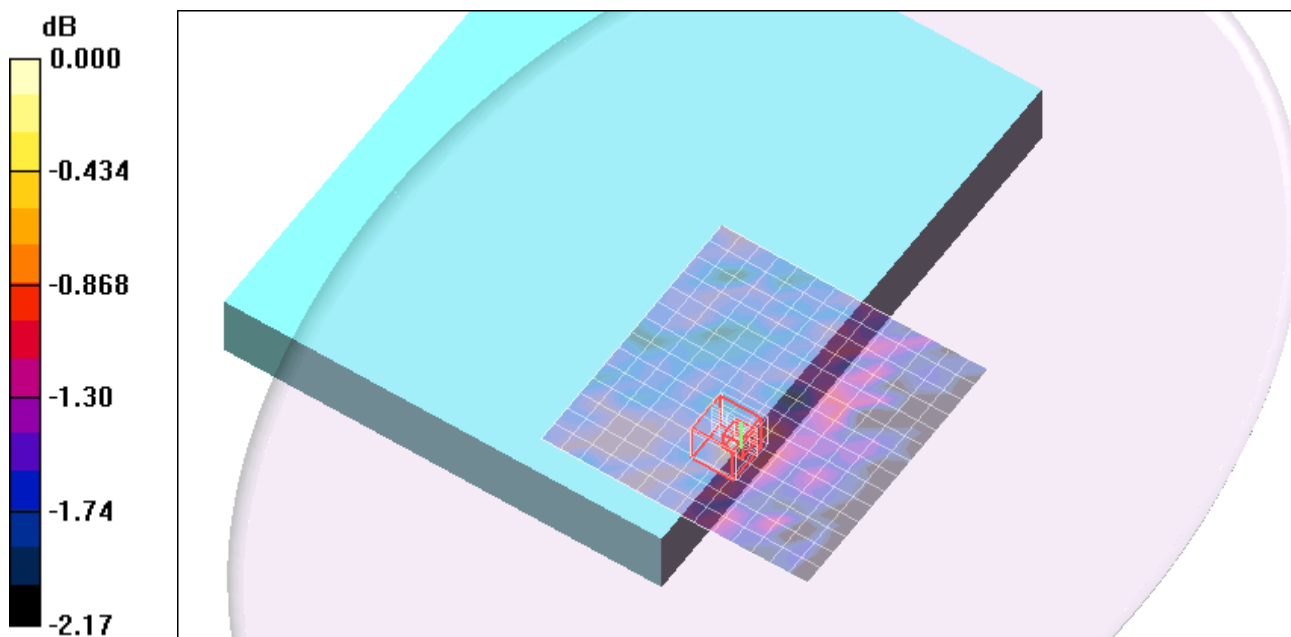
Lapheld - 802.11a_5.8G_B Antenna/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 5.12 V/m; Power Drift = 0.592 dB

Peak SAR (extrapolated) = 0.220 W/kg

SAR(1 g) = 0.190 mW/g; SAR(10 g) = 0.179 mW/g

Maximum value of SAR (measured) = 0.220 mW/g



0 dB = 0.220mW/g

Test Laboratory: Compliance Certification Services

Lapheld_5.8GHz_WNC Antenna B

DUT: Lenovo; Type: X200 Tablet; Serial: NA

Communication System: 802.11abgn; Frequency: 5785 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 5785$ MHz; $\sigma = 5.99$ mho/m; $\epsilon_r = 49.4$; $\rho = 1000$ 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 a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(3.84, 3.84, 3.84); Calibrated: 3/23/2009
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 10/20/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Lapheld - 802.11a_5.8G_B Antenna/Area Scan (15x15x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.171 mW/g

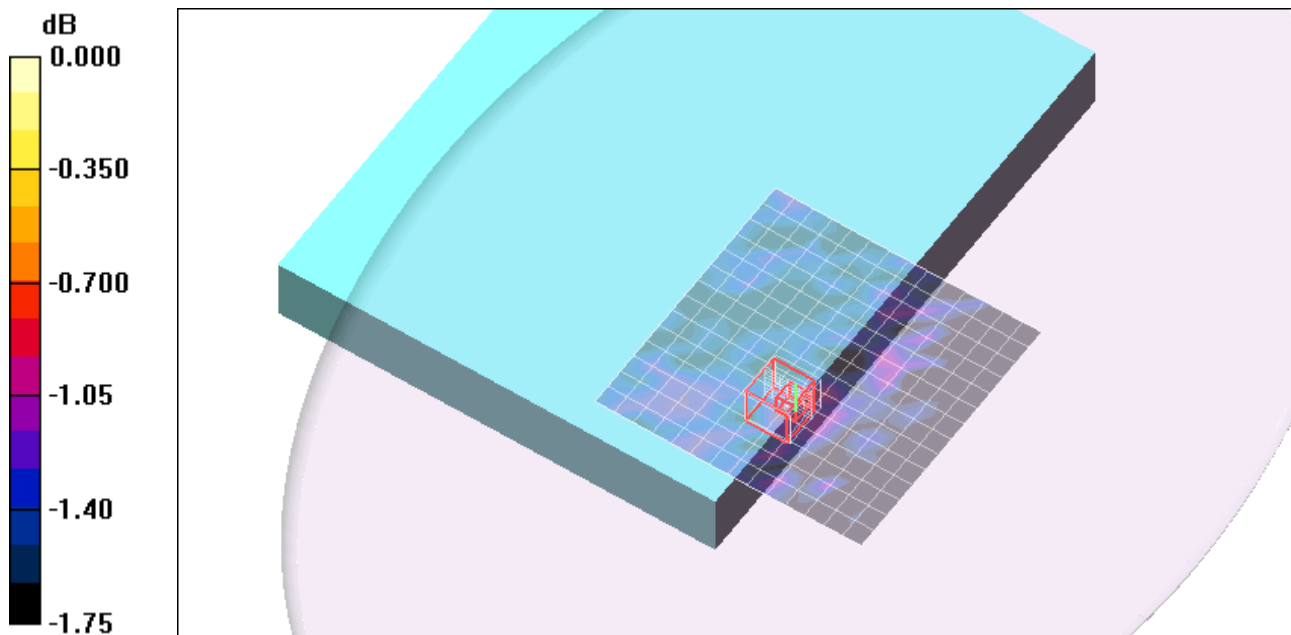
Lapheld - 802.11a_5.8G_B Antenna/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 4.41 V/m; Power Drift = 0.411 dB

Peak SAR (extrapolated) = 0.121 W/kg

SAR(1 g) = 0.138 mW/g; SAR(10 g) = 0.101 mW/g

Maximum value of SAR (measured) = 0.150 mW/g



Test Laboratory: Compliance Certification Services

Lapheld_5.2GHz

DUT: Lenovo; Type: X200 Tablet; Serial: NA

Communication System: 802.11abgn; Frequency: 5200 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5200$ MHz; $\sigma = 5.18$ mho/m; $\epsilon_r = 50.6$; $\rho = 1000$ 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: EX3DV4 - SN3686; ConvF(4.08, 4.08, 4.08); Calibrated: 3/23/2009
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 10/20/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Lapheld - 802.11a_5.2G_A Antenna/Area Scan (13x13x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.036 mW/g

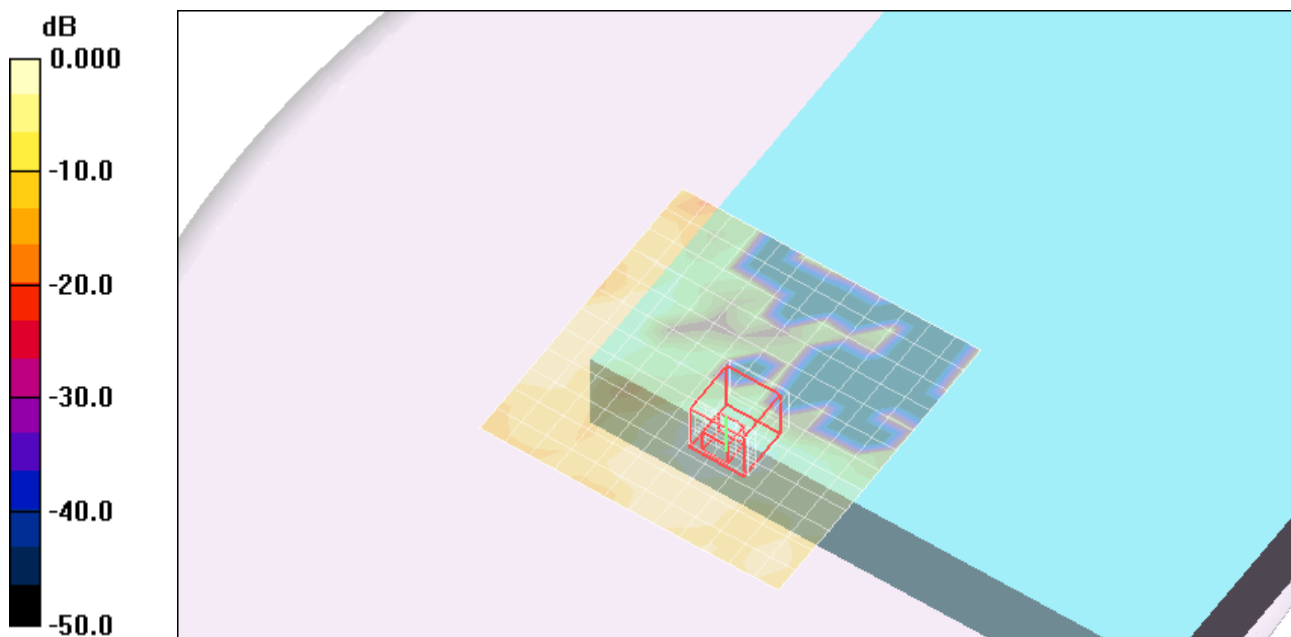
Lapheld - 802.11a_5.2G_A Antenna/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 2.11 V/m; Power Drift = 0.552 dB

Peak SAR (extrapolated) = 0.273 W/kg

SAR(1 g) = 0.030 mW/g; SAR(10 g) = 0.00685 mW/g

Maximum value of SAR (measured) = 0.042 mW/g



Test Laboratory: Compliance Certification Services

Lapheld_5.2GHz

DUT: Lenovo; Type: X200 Tablet; Serial: NA

Communication System: 802.11abgn; Frequency: 5200 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5200$ MHz; $\sigma = 5.18$ mho/m; $\epsilon_r = 50.6$; $\rho = 1000$ 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: EX3DV4 - SN3686; ConvF(4.08, 4.08, 4.08); Calibrated: 3/23/2009
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 10/20/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Lapheld - 802.11a_5.2G_C Antenna/Area Scan (14x14x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.015 mW/g

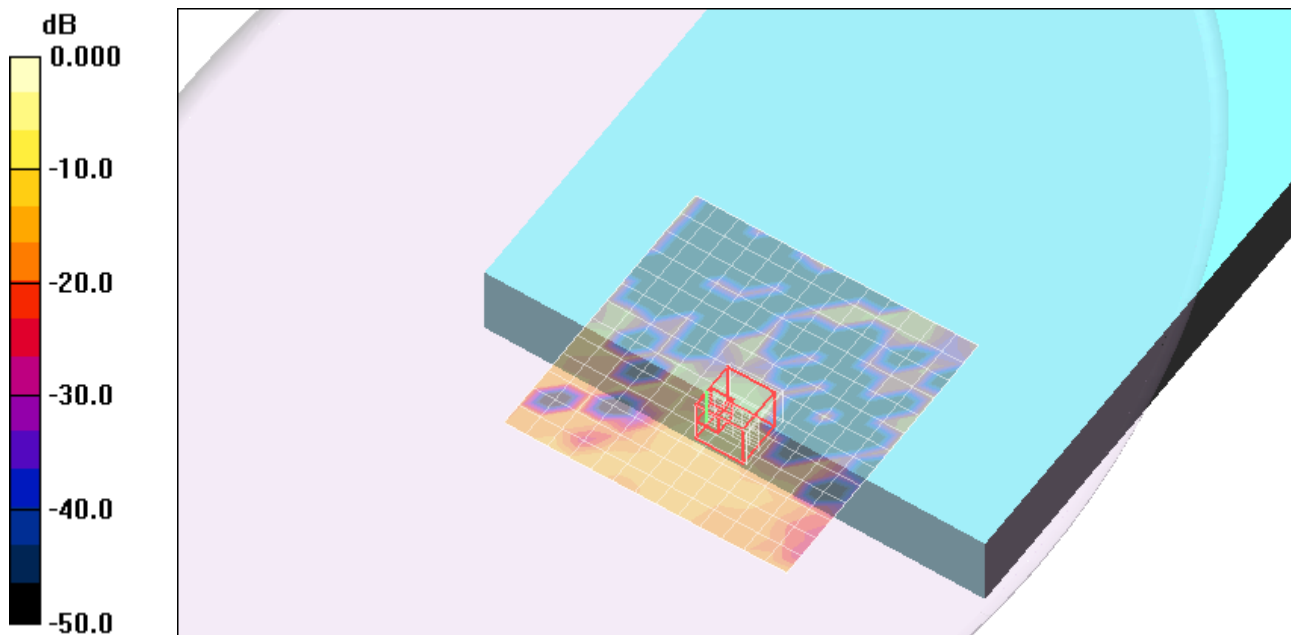
Lapheld - 802.11a_5.2G_C Antenna/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.765 V/m; Power Drift = 0.998 dB

Peak SAR (extrapolated) = 0.134 W/kg

SAR(1 g) = 0.000314 mW/g; SAR(10 g) = 1.62e-005 mW/g

Maximum value of SAR (measured) = 0.134 mW/g



0 dB = 0.134mW/g

Test Laboratory: Compliance Certification Services

Lapheld_5.2GHz

DUT: Lenovo; Type: X200 Tablet; Serial: NA

Communication System: 802.11abgn; Frequency: 5200 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5200$ MHz; $\sigma = 5.18$ mho/m; $\epsilon_r = 50.6$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

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

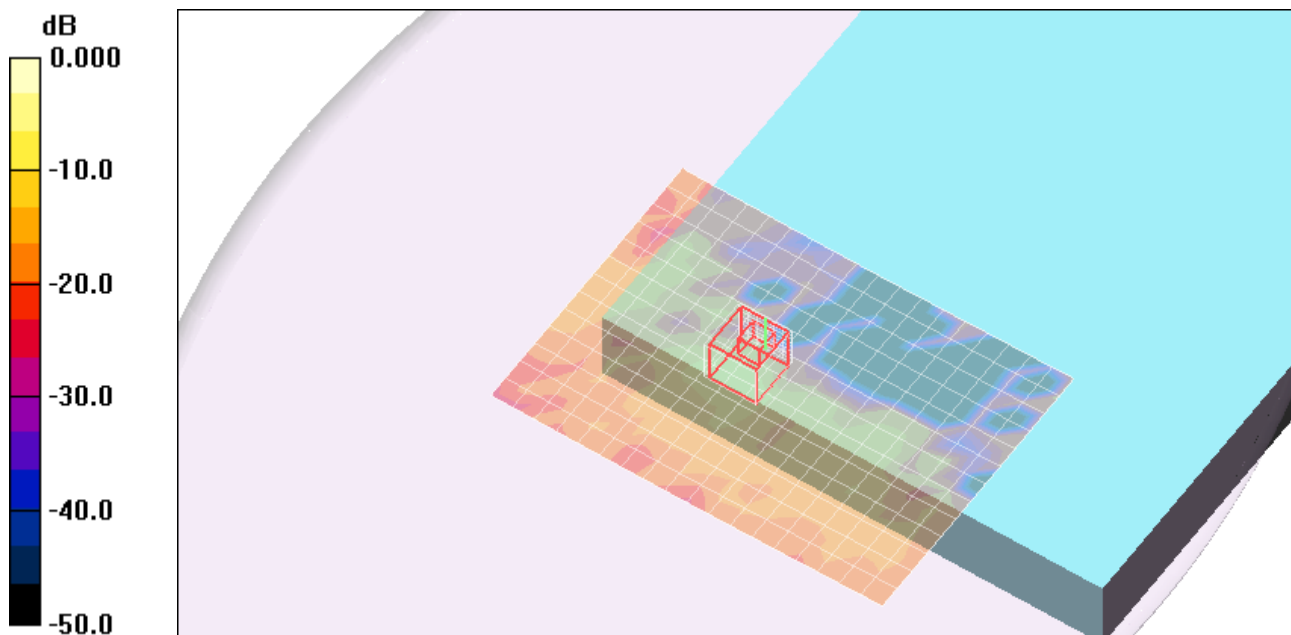
DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(4.08, 4.08, 4.08); Calibrated: 3/23/2009
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 10/20/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Lapheld - 802.11a_5.2G_A+C Antenna/Area Scan (19x14x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.042 mW/g

Lapheld - 802.11a_5.2G_A+C Antenna/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 3.02 V/m; Power Drift = -0.361 dB
Peak SAR (extrapolated) = 0.413 W/kg
SAR(1 g) = 0.00122 mW/g; SAR(10 g) = 5.43e-005 mW/g

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



0 dB = 0.413mW/g

Test Laboratory: Compliance Certification Services

Lapheld_5.3GHz

DUT: Lenovo; Type: X200 Tablet; Serial: NA

Communication System: 802.11abgn; Frequency: 5280 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 5280$ MHz; $\sigma = 5.26$ mho/m; $\epsilon_r = 50.4$; $\rho = 1000$ 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 a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(3.81, 3.81, 3.81); Calibrated: 3/23/2009
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 10/20/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Lapheld - 802.11a_5.3G_A Antenna/Area Scan (13x13x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.038 mW/g

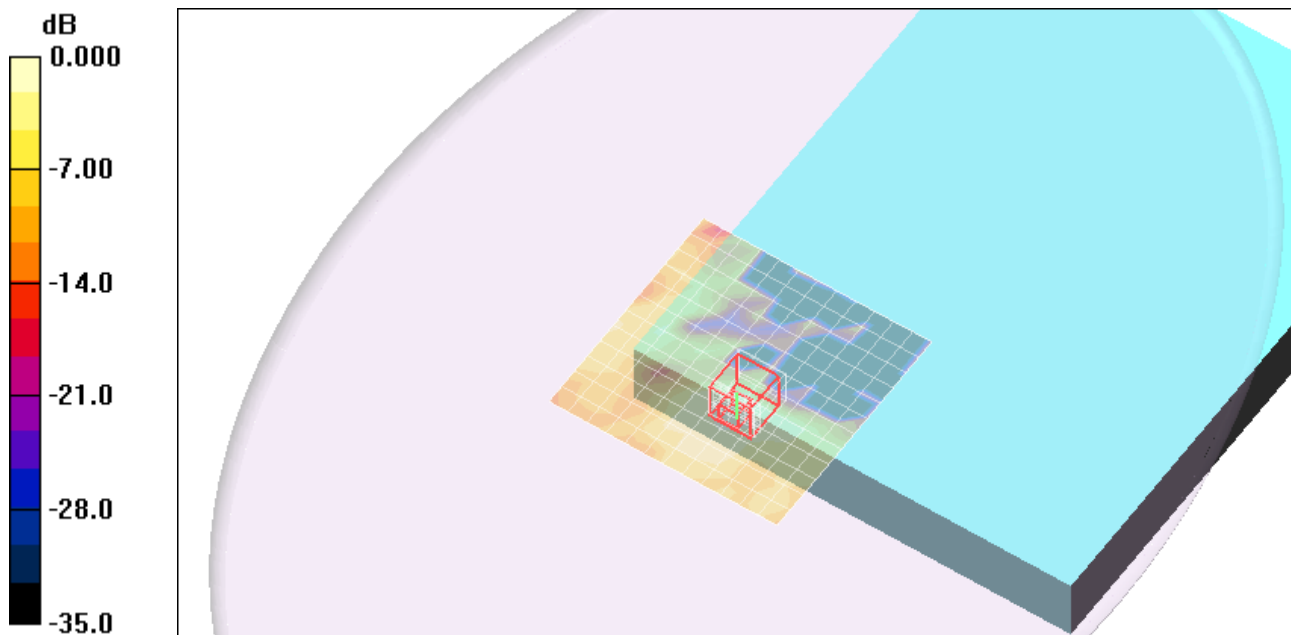
Lapheld - 802.11a_5.3G_A Antenna/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 2.17 V/m; Power Drift = 0.552 dB

Peak SAR (extrapolated) = 0.295 W/kg

SAR(1 g) = 0.032 mW/g; SAR(10 g) = 0.0074 mW/g

Maximum value of SAR (measured) = 0.046 mW/g



0 dB = 0.046mW/g

Test Laboratory: Compliance Certification Services

Lapheld_5.5GHz

DUT: Lenovo; Type: X200 Tablet; Serial: NA

Communication System: 802.11abgn; Frequency: 5600 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5600$ MHz; $\sigma = 5.66$ mho/m; $\epsilon_r = 50.1$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

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

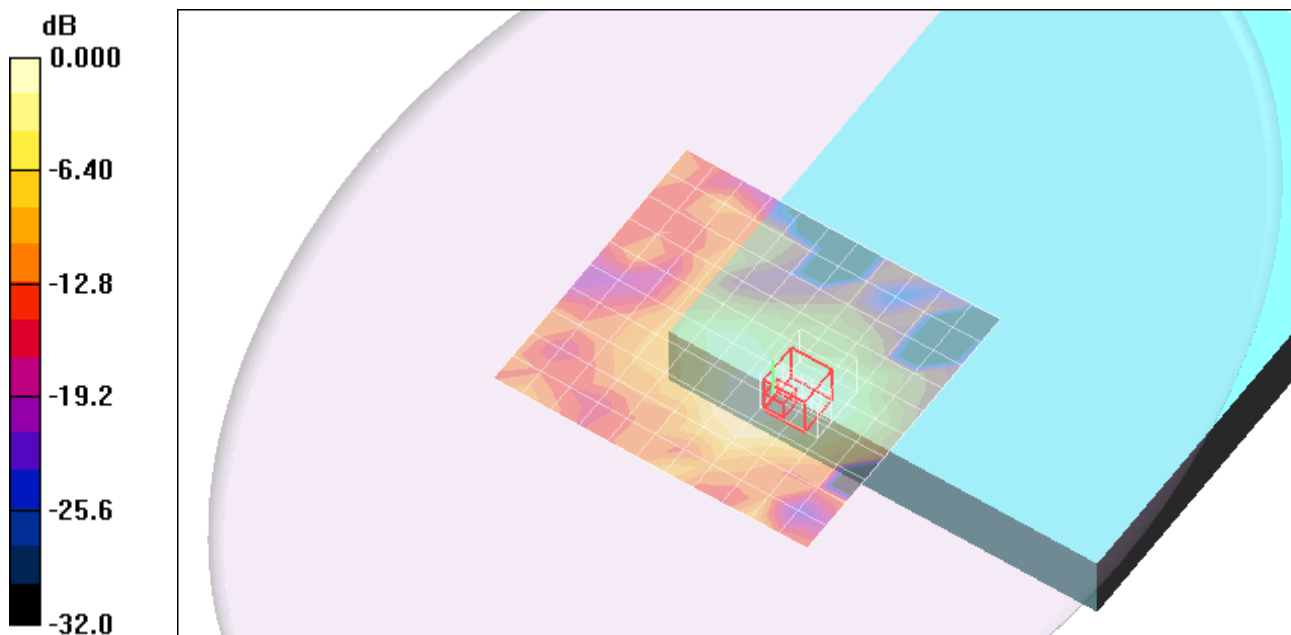
DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(3.61, 3.61, 3.61); Calibrated: 3/23/2009
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 10/20/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Lapheld, 802.11a_5.5GHz_A Antenna/Area Scan (12x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.097 mW/g

Lapheld, 802.11a_5.5GHz_A Antenna/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 3.01 V/m; Power Drift = 0.027 dB
Peak SAR (extrapolated) = 0.239 W/kg
SAR(1 g) = 0.072 mW/g; SAR(10 g) = 0.028 mW/g

Maximum value of SAR (measured) = 0.096 mW/g



0 dB = 0.096mW/g

Test Laboratory: Compliance Certification Services

Lapheld_5.8GHz

DUT: Lenovo; Type: X200 Tablet; Serial: NA

Communication System: 802.11abgn; Frequency: 5785 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 5785$ MHz; $\sigma = 5.99$ mho/m; $\epsilon_r = 49.4$; $\rho = 1000$ 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 a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(3.84, 3.84, 3.84); Calibrated: 3/23/2009
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 10/20/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Lapheld, 802.11a_5.8GHz_A Antenna/Area Scan (12x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.095 mW/g

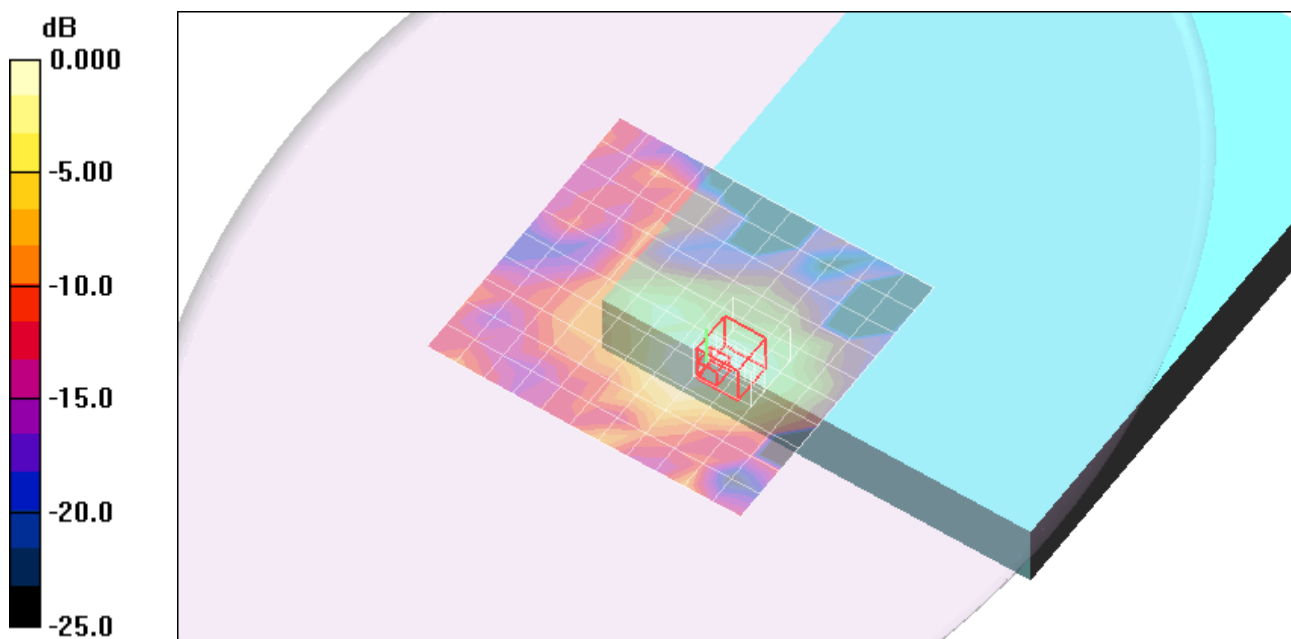
Lapheld, 802.11a_5.8GHz_A Antenna/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 2.91 V/m; Power Drift = 0.027 dB

Peak SAR (extrapolated) = 0.232 W/kg

SAR(1 g) = 0.070 mW/g; SAR(10 g) = 0.027 mW/g

Maximum value of SAR (measured) = 0.094 mW/g



0 dB = 0.094mW/g