

WiFi 2.4GHz Band

Frequency: 2437 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.9$ mho/m; $\epsilon_r = 53$; $\rho = 1000$ kg/m³;

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/25/2013
- Probe: EX3DV4 - SN3554; ConvF(6.24, 6.24, 6.24); Calibrated: 9/26/2013
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Bottom/Aux+Main Antenna/802.11b/CH6/Area Scan (8x9x1): Measurement grid: dx=10mm, dy=10mm

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

Maximum value of SAR (measured) = 0.686 mW/g

Bottom/Aux+Main Antenna/802.11b/CH6/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 20.4 V/m; Power Drift = -0.143 dB

Peak SAR (extrapolated) = 1.01 W/kg

SAR(1 g) = 0.537 mW/g; SAR(10 g) = 0.260 mW/g

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

Maximum value of SAR (measured) = 0.781 mW/g

Bottom/Aux+Main Antenna/802.11b/CH6/Area Scan 2 (8x10x1): Measurement grid: dx=10mm, dy=10mm

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

Maximum value of SAR (measured) = 0.527 mW/g

Bottom/Aux+Main Antenna/802.11b/CH6/Zoom Scan 2 (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

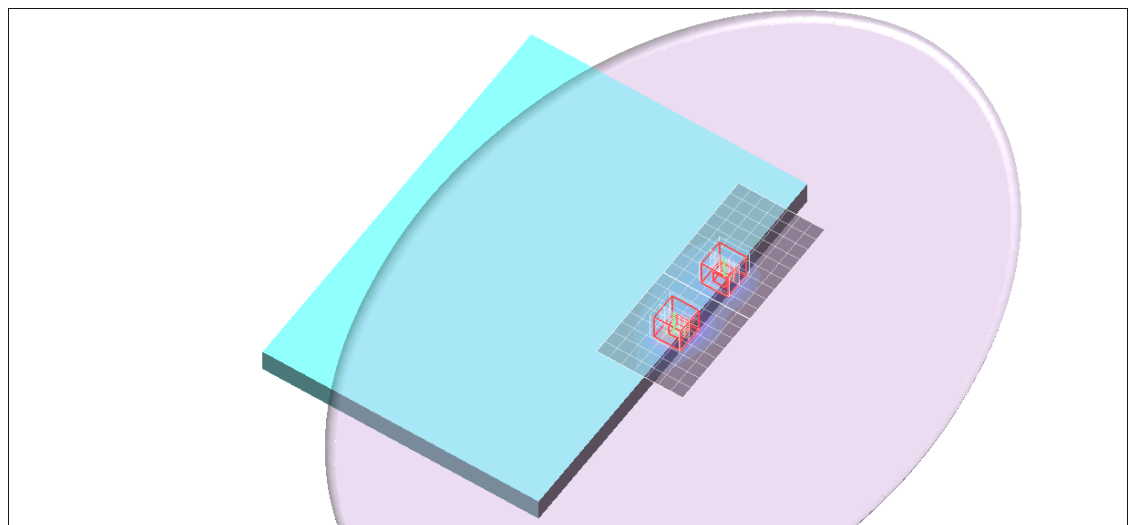
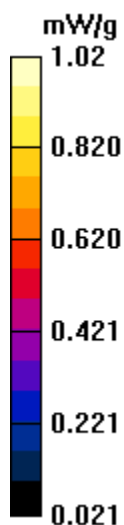
Reference Value = 20.4 V/m; Power Drift = -0.143 dB

Peak SAR (extrapolated) = 0.738 W/kg

SAR(1 g) = 0.405 mW/g; SAR(10 g) = 0.208 mW/g

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

Maximum value of SAR (measured) = 0.582 mW/g



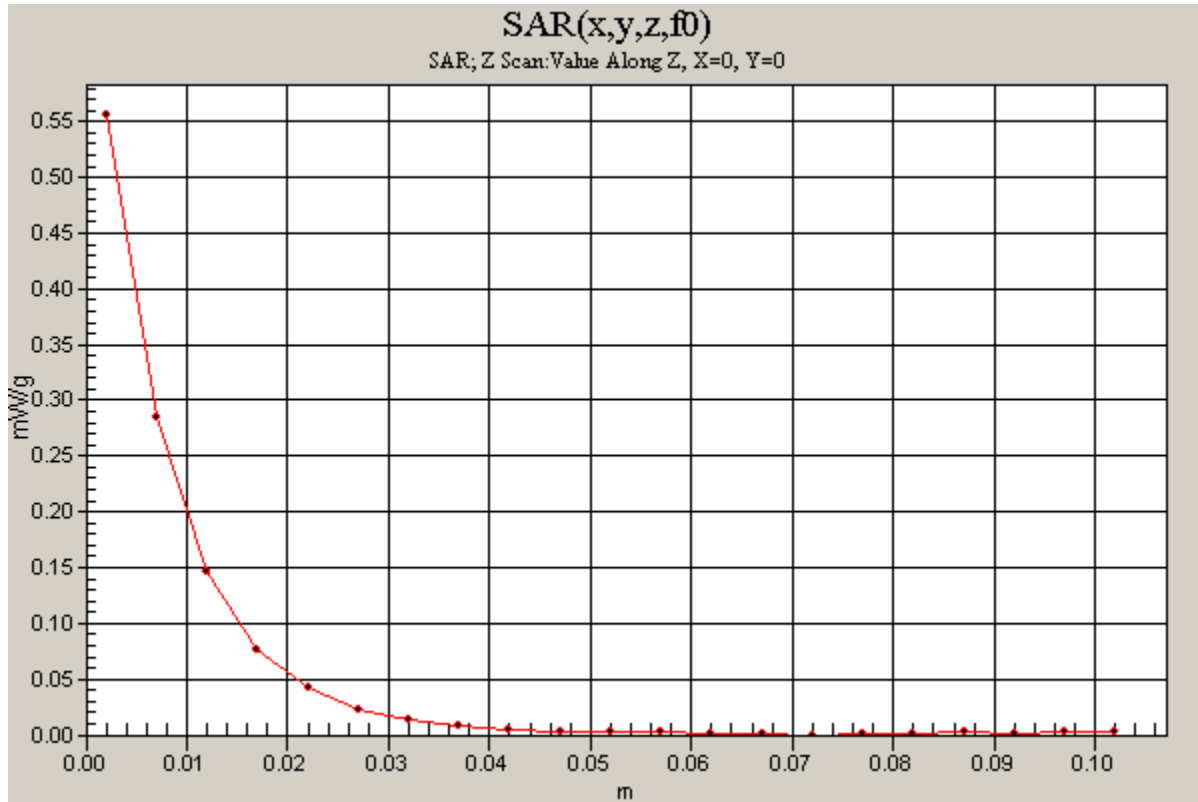
WiFi 2.4GHz Band_Aux+Main

Frequency: 2437 MHz; Duty Cycle: 1:1

Bottom/Aux+Main Antenna/802.11b/CH6/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm

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

Maximum value of SAR (measured) = 0.556 mW/g



WiFi 5.2GHz Band

Frequency: 5230 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C

Medium parameters used: $f = 5230.9$ MHz; $\sigma = 5.13$ mho/m; $\epsilon_r = 47.4$; $\rho = 1000$ kg/m³;

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/25/2013
- Probe: EX3DV4 - SN3554; ConvF(4.02, 4.02, 4.02); Calibrated: 9/26/2013
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Bottom/Aux+Main Antenna/802.11n HT40/CH46/Area Scan (8x9x1): Measurement grid:

dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.909 mW/g

Bottom/Aux+Main Antenna/802.11n HT40/CH46/Zoom Scan (7x7x12)/Cube 0: Measurement

grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 12.2 V/m; Power Drift = -0.191 dB

Peak SAR (extrapolated) = 2.81 W/kg

SAR(1 g) = 0.495 mW/g; SAR(10 g) = 0.170 mW/g

Maximum value of SAR (measured) = 0.954 mW/g

Bottom/Aux+Main Antenna/802.11n HT40/CH46/Area Scan 2 (8x10x1): Measurement grid:

dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.564 mW/g

Bottom/Aux+Main Antenna/802.11n HT40/CH46/Zoom Scan 2 (7x7x12)/Cube 0:

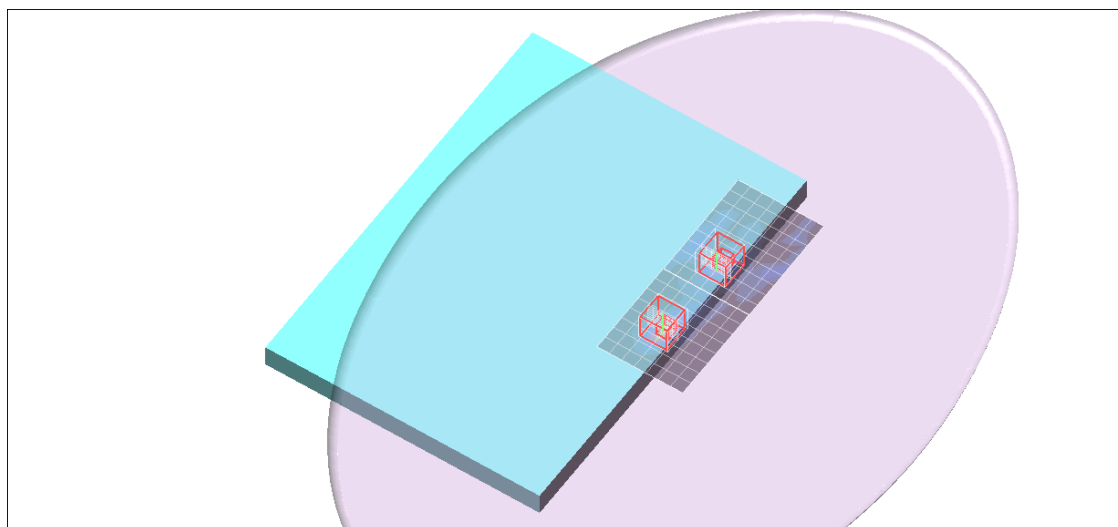
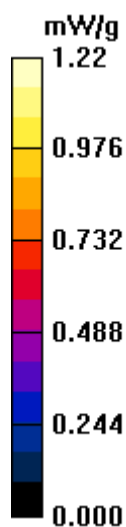
Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 12.2 V/m; Power Drift = -0.191 dB

Peak SAR (extrapolated) = 1.35 W/kg

SAR(1 g) = 0.410 mW/g; SAR(10 g) = 0.149 mW/g

Maximum value of SAR (measured) = 0.781 mW/g

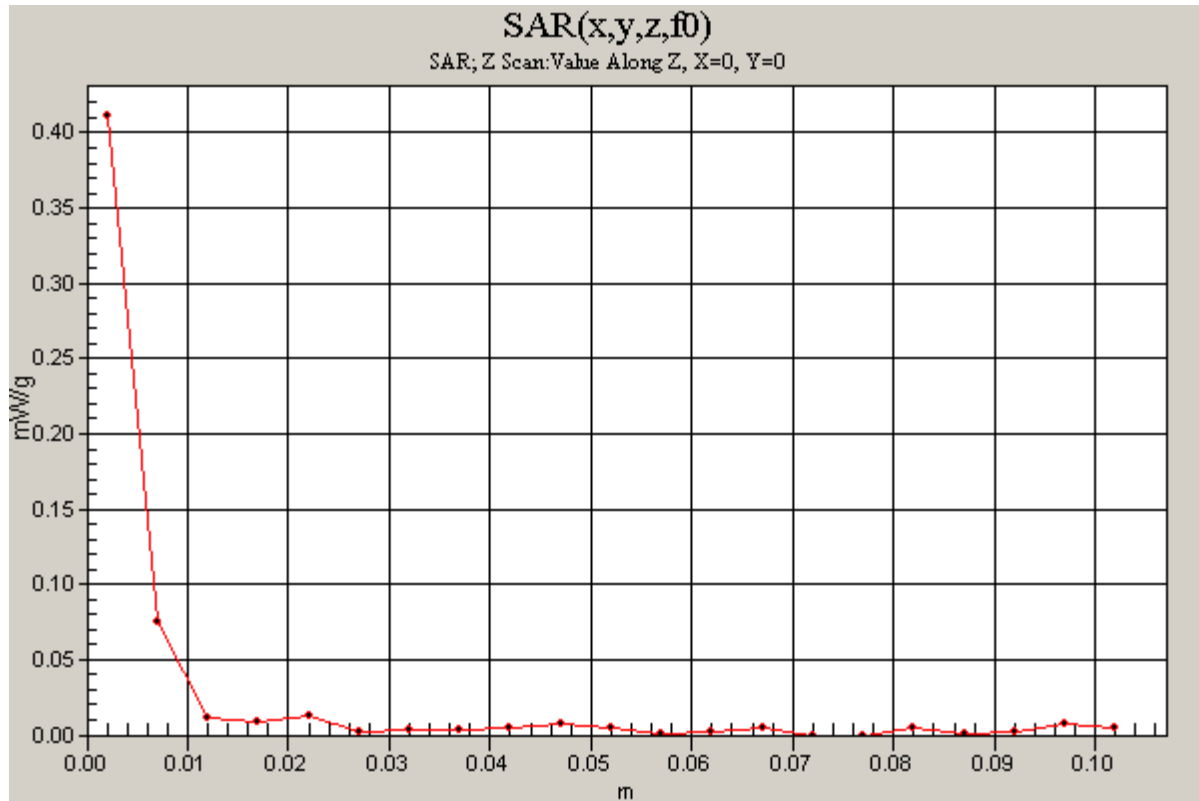


WiFi 5.2GHz Band

Frequency: 5230 MHz; Duty Cycle: 1:1

Bottom/Aux+Main Antenna/802.11n HT40/CH46/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Maximum value of SAR (measured) = 0.411 mW/g



WiFi 5.3GHz Band

Frequency: 5260 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C

Medium parameters used: $f = 5260.6$ MHz; $\sigma = 5.37$ mho/m; $\epsilon_r = 48.5$; $\rho = 1000$ kg/m³;

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/25/2013
- Probe: EX3DV4 - SN3554; ConvF(3.82, 3.82, 3.82); Calibrated: 9/26/2013
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Bottom/Aux+Main Antenna/802.11a/CH52/Area Scan (8x9x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.60 mW/g

Bottom/Aux+Main Antenna/802.11a/CH52/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 16.0 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 3.94 W/kg

SAR(1 g) = 0.821 mW/g; SAR(10 g) = 0.228 mW/g

Maximum value of SAR (measured) = 1.74 mW/g

Bottom/Aux+Main Antenna/802.11a/CH52/Area Scan 2 (8x10x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.16 mW/g

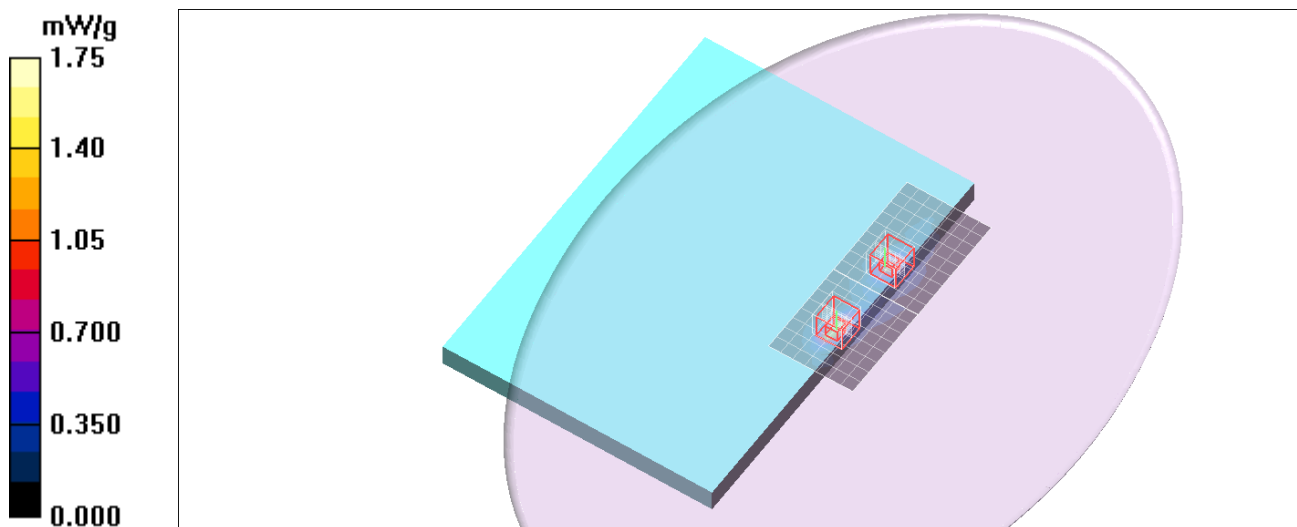
Bottom/Aux+Main Antenna/802.11a/CH52/Zoom Scan 2 (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 16.0 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 2.43 W/kg

SAR(1 g) = 0.587 mW/g; SAR(10 g) = 0.187 mW/g

Maximum value of SAR (measured) = 1.15 mW/g

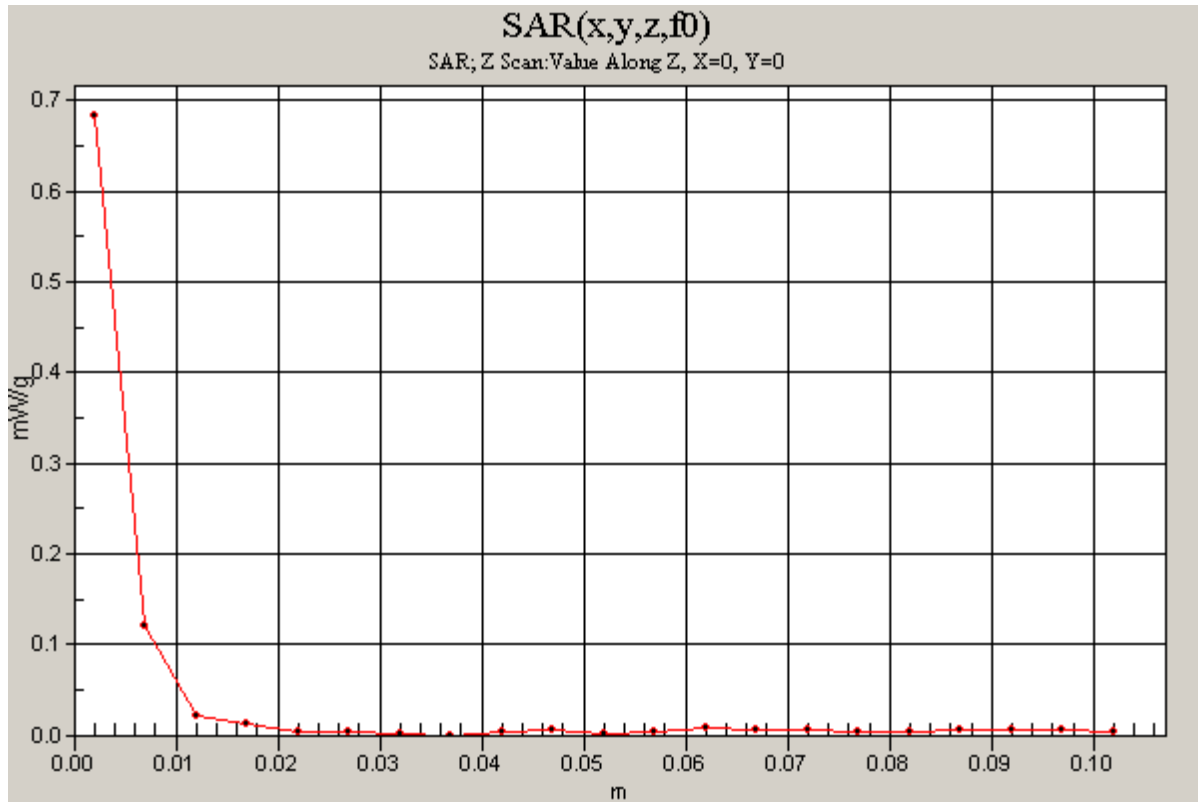


WiFi 5.3GHz Band_Aux+Main

Frequency: 5260 MHz; Duty Cycle: 1:1

Bottom/Aux+Main Antenna/802.11a/CH52/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Maximum value of SAR (measured) = 0.683 mW/g



WiFi 5.5GHz Band

Frequency: 5590 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C

Medium parameters used: $f = 5590.6$ MHz; $\sigma = 5.58$ mho/m; $\epsilon_r = 46.8$; $\rho = 1000$ kg/m³;

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/25/2013
- Probe: EX3DV4 - SN3554; ConvF(3.27, 3.27, 3.27); Calibrated: 9/26/2013
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Bottom/Aux+Main Antenna/802.11n HT40/CH118/Area Scan (8x9x1): Measurement grid:

dx=10mm, dy=10mm

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

Bottom/Aux+Main Antenna/802.11n HT40/CH118/Zoom Scan (7x7x12)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 15.8 V/m; Power Drift = -0.189 dB

Peak SAR (extrapolated) = 3.49 W/kg

SAR(1 g) = 0.768 mW/g; SAR(10 g) = 0.242 mW/g

Maximum value of SAR (measured) = 1.62 mW/g

Bottom/Aux+Main Antenna/802.11n/CH118/Area Scan 2 (8x10x1): Measurement grid: dx=10mm,

dy=10mm

Maximum value of SAR (measured) = 1.52 mW/g

Bottom/Aux+Main Antenna/802.11n/CH118/Zoom Scan 2 (7x7x12)/Cube 0: Measurement grid:

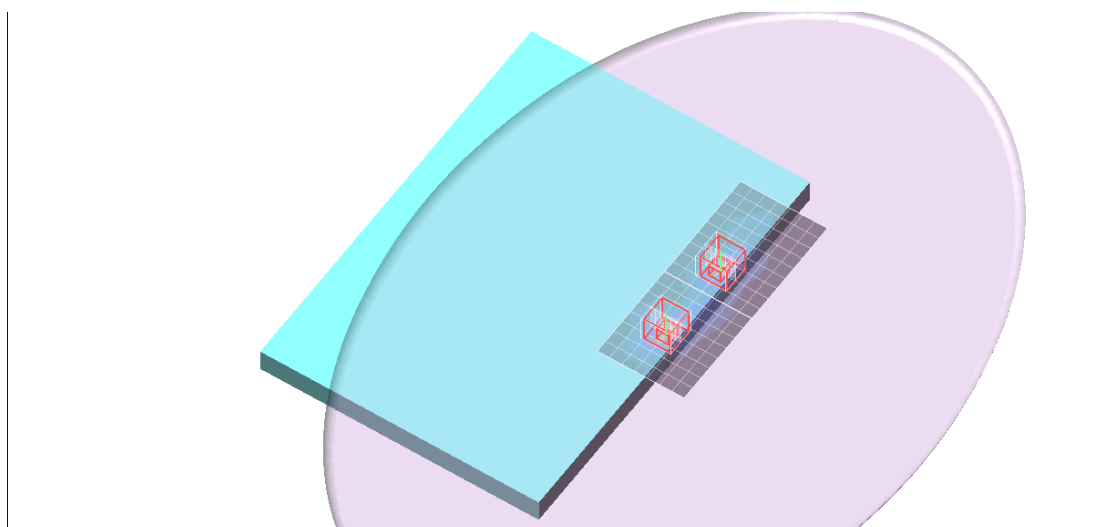
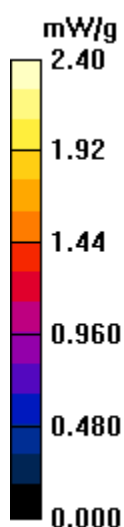
dx=4mm, dy=4mm, dz=2mm

Reference Value = 15.8 V/m; Power Drift = -0.189 dB

Peak SAR (extrapolated) = 2.88 W/kg

SAR(1 g) = 0.674 mW/g; SAR(10 g) = 0.214 mW/g

Maximum value of SAR (measured) = 1.39 mW/g

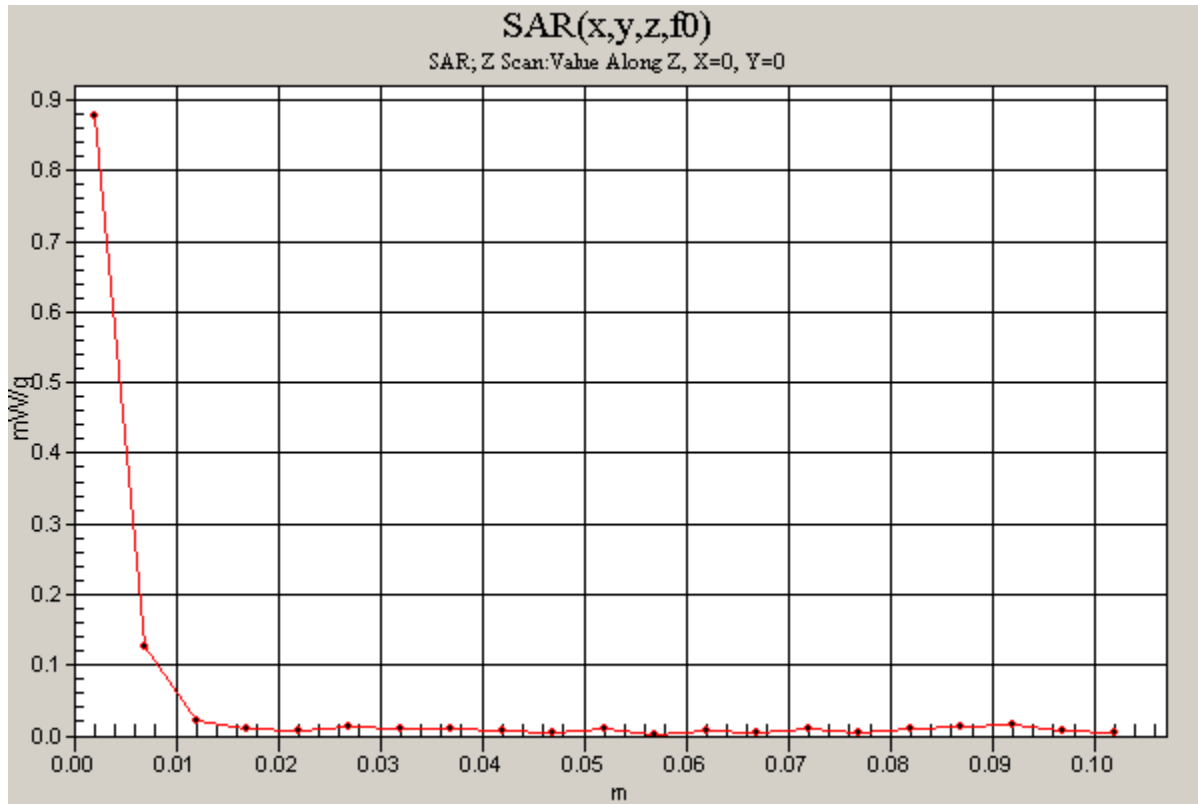


WiFi 5.5GHz Band

Frequency: 5590 MHz; Duty Cycle: 1:1

Bottom/Aux+Main Antenna/802.11n/CH118/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Maximum value of SAR (measured) = 0.878 mW/g



WiFi 5.8GHz Band

Frequency: 5755 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C

Medium parameters used: $f = 5755.6$ MHz; $\sigma = 5.76$ mho/m; $\epsilon_r = 46.6$; $\rho = 1000$ kg/m³;

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn558; Calibrated: 7/25/2013
- Probe: EX3DV4 - SN3554; ConvF(3.53, 3.53, 3.53); Calibrated: 9/26/2013
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Bottom/Aux+Main Antenna/802.11n HT40/CH151/Area Scan (8x9x1): Measurement grid:

dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.829 mW/g

Bottom/Aux+Main Antenna/802.11n HT40/CH151/Zoom Scan (7x7x12)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 10.3 V/m; Power Drift = -0.104 dB

Peak SAR (extrapolated) = 1.72 W/kg

SAR(1 g) = 0.401 mW/g; SAR(10 g) = 0.148 mW/g

Maximum value of SAR (measured) = 0.866 mW/g

Bottom/Aux+Main Antenna/802.11n HT40/CH151/Area Scan 2 (8x10x1): Measurement grid:

dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.784 mW/g

Bottom/Aux+Main Antenna/802.11n HT40/CH151/Zoom Scan 2 (7x7x12)/Cube 0:

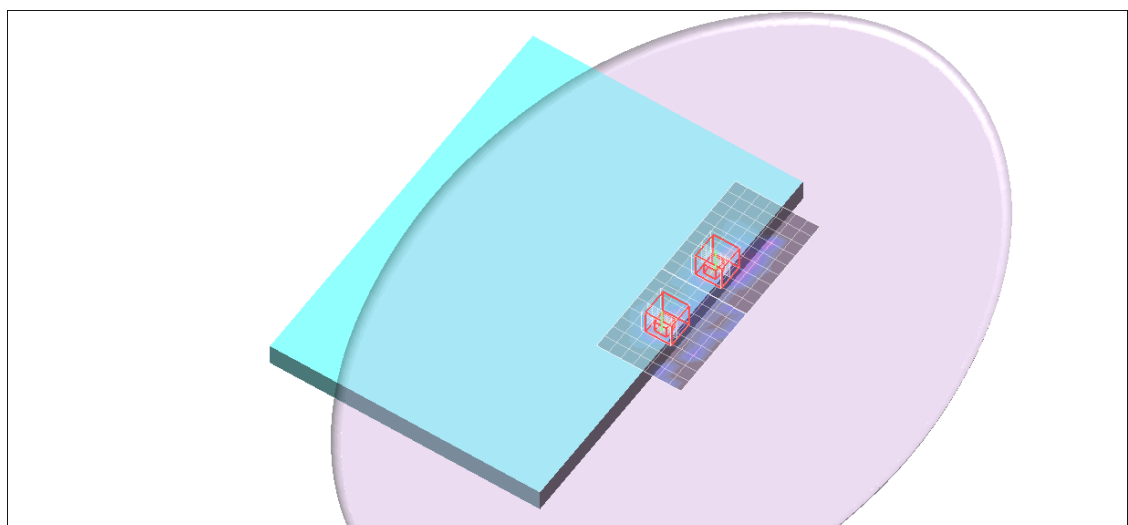
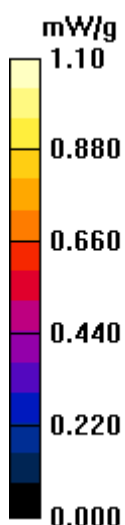
Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 10.3 V/m; Power Drift = -0.104 dB

Peak SAR (extrapolated) = 1.62 W/kg

SAR(1 g) = 0.378 mW/g; SAR(10 g) = 0.123 mW/g

Maximum value of SAR (measured) = 0.769 mW/g



WiFi 5.8GHz Band

Frequency: 5755 MHz; Duty Cycle: 1:1

Bottom/Aux+Main Antenna/802.11n HT40/CH151/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Maximum value of SAR (measured) = 0.372 mW/g

