

Wi-Fi 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; $\sigma = 1.99$ mho/m; $\epsilon_r = 51.7$; $\rho = 1000$ 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 Sn877; Calibrated: 3/20/2018
- Probe: EX3DV4 - SN3847; ConvF(7.3, 7.3, 7.3); Calibrated: 4/26/2018
- 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

Rear/Main/802.11b/CH6/Area Scan (6x8x1): Measurement grid: dx=10mm, dy=10mm

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

Maximum value of SAR (measured) = 2.25 mW/g

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

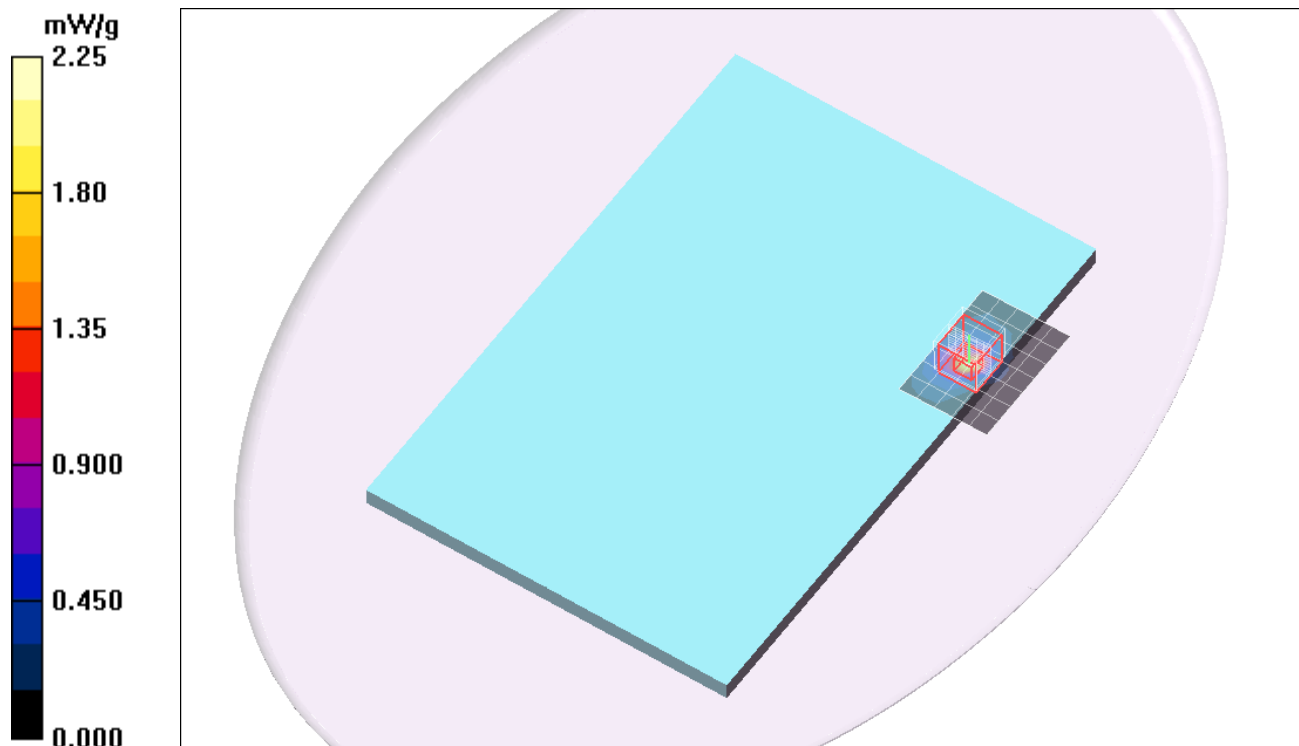
Reference Value = 0.000 V/m; Power Drift = 999.0 dB

Peak SAR (extrapolated) = 5.16 W/kg

SAR(1 g) = 1.19 mW/g; SAR(10 g) = 0.312 mW/g

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

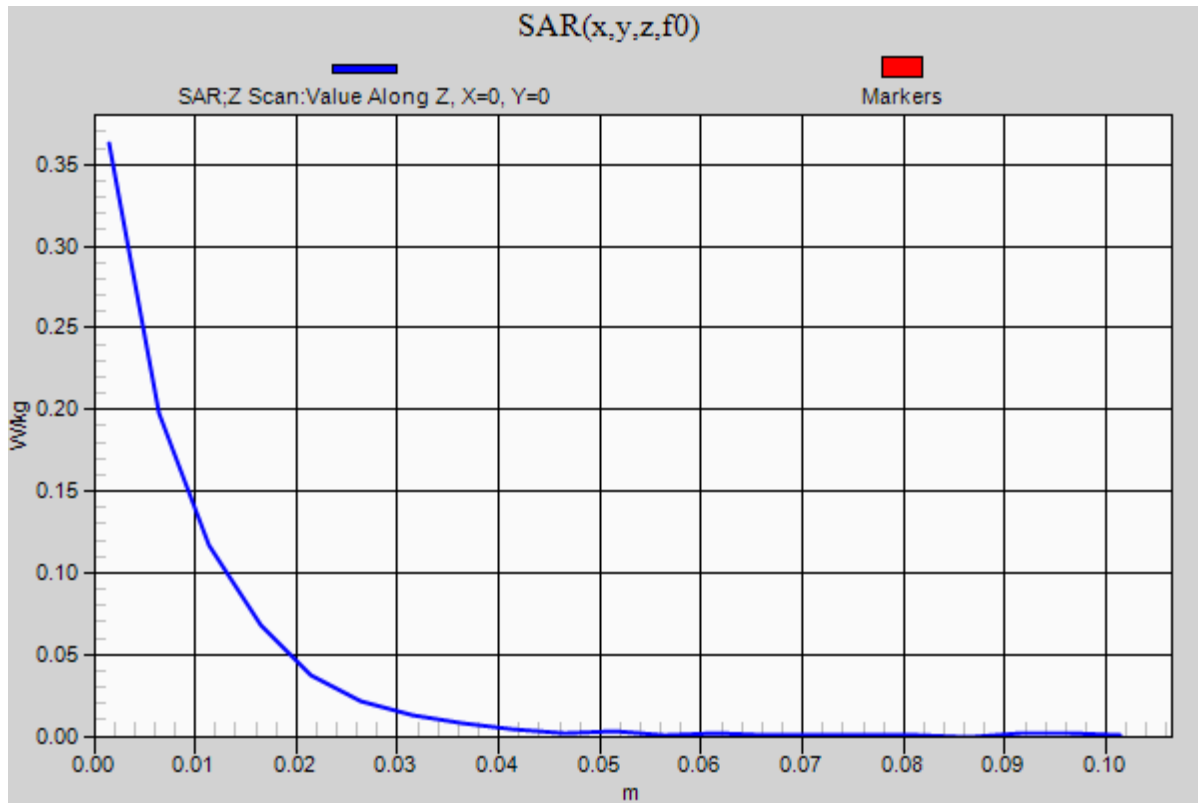
Maximum value of SAR (measured) = 1.94 mW/g



Wi-Fi 2.4GHz Band

Frequency: 2437 MHz; Duty Cycle: 1:1

Rear/Main/802.11b/CH6/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 0.363 W/kg



Wi-Fi 5GHz Band

Frequency: 5290 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C

Medium parameters used: $f = 5290.3$ MHz; $\sigma = 5.3$ mho/m; $\epsilon_r = 48.2$; $\rho = 1000$ 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 Sn877; Calibrated: 3/20/2018
- Probe: EX3DV4 - SN3847; ConvF(7.3, 7.3, 7.3); Calibrated: 4/26/2018
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Edge1/Main/802.11ac HT80/CH58/Area Scan (6x8x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.64 mW/g

Edge1/Main/802.11ac HT80/CH58/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm,

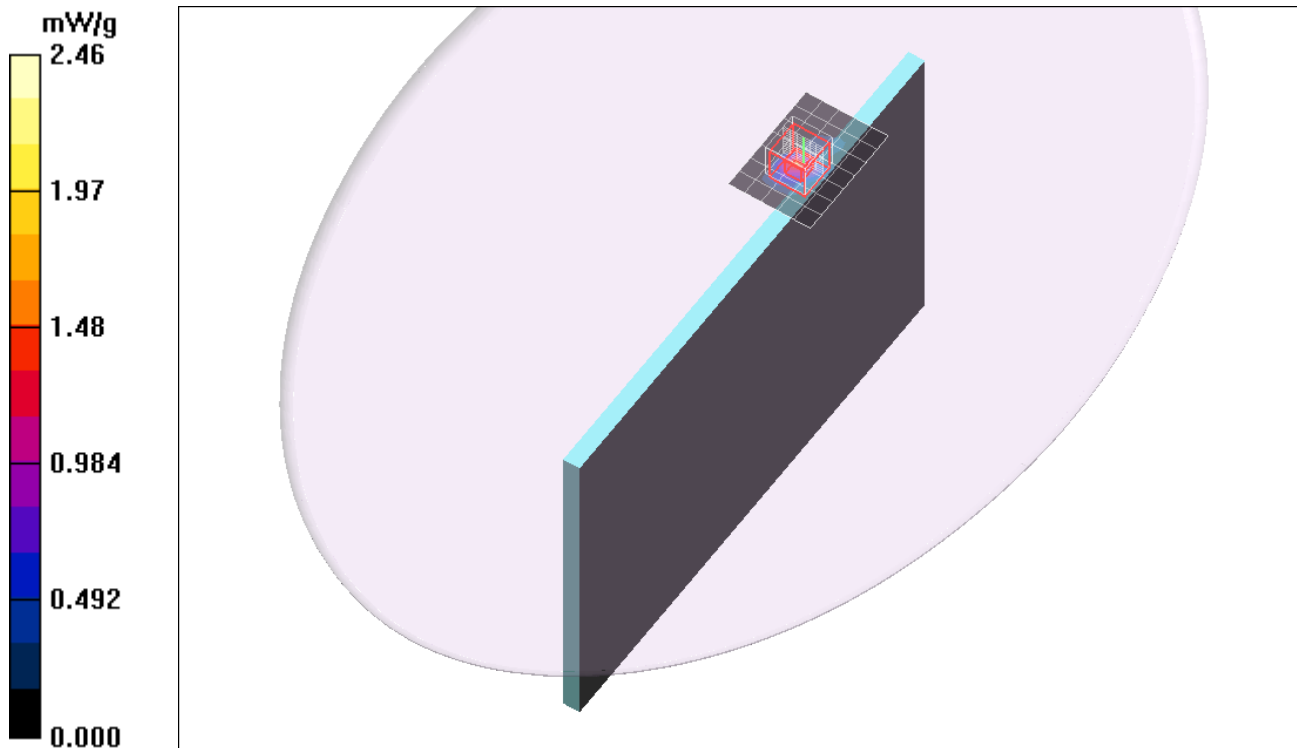
dy=4mm, dz=2mm

Reference Value = 4.22 V/m; Power Drift = -0.082 dB

Peak SAR (extrapolated) = 4.55 W/kg

SAR(1 g) = 1.14 mW/g; SAR(10 g) = 0.246 mW/g

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



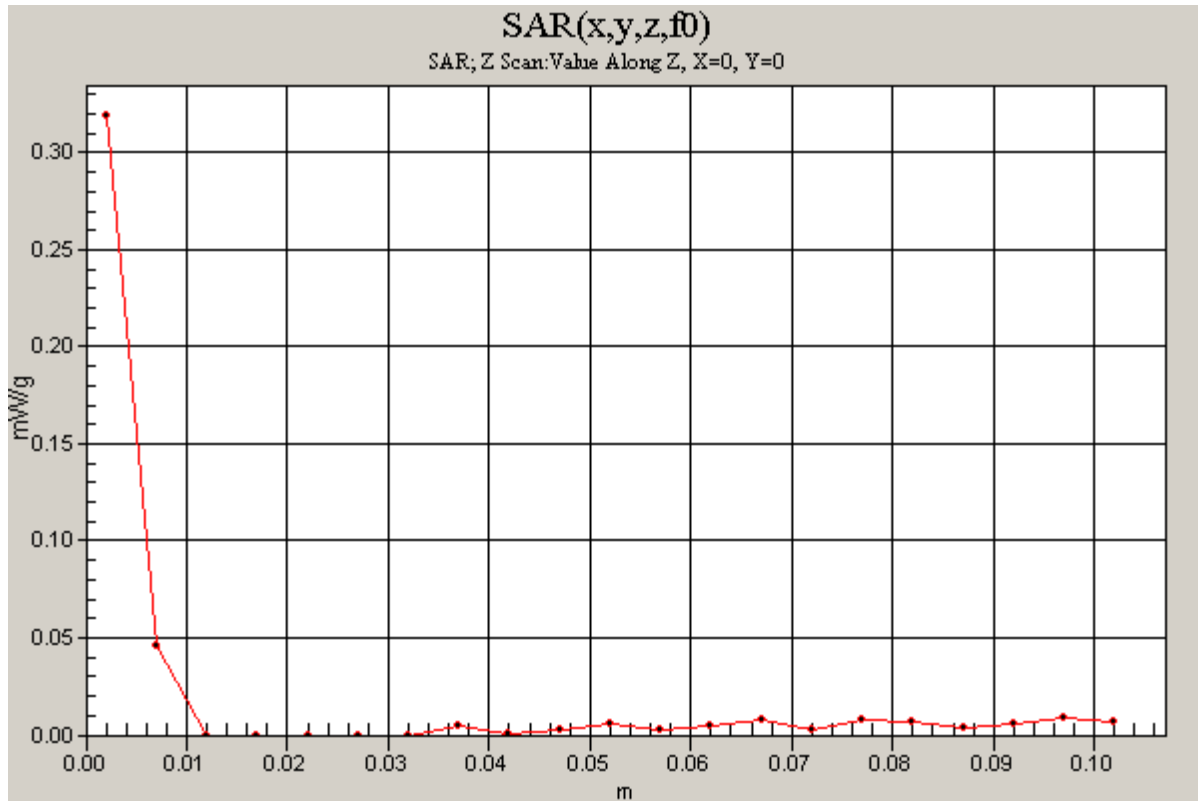
Wi-Fi 5GHz Band

Frequency: 5290 MHz; Duty Cycle: 1:1

Edge1/Main/802.11ac HT80/CH58/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm

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

Maximum value of SAR (measured) = 0.319 mW/g



Wi-Fi 5GHz Band

Frequency: 5530 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C

Medium parameters used (interpolated): $f = 5530$ MHz; $\sigma = 5.63$ mho/m; $\epsilon_r = 47.8$; $\rho = 1000$ 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 Sn877; Calibrated: 3/20/2018
- Probe: EX3DV4 - SN3847; ConvF(7.3, 7.3, 7.3); Calibrated: 4/26/2018
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Rear/Main/802.11ac HT80/CH106/Area Scan (6x8x1): Measurement grid: dx=10mm, dy=10mm

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

Maximum value of SAR (measured) = 1.98 mW/g

Rear/Main/802.11ac HT80/CH106/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

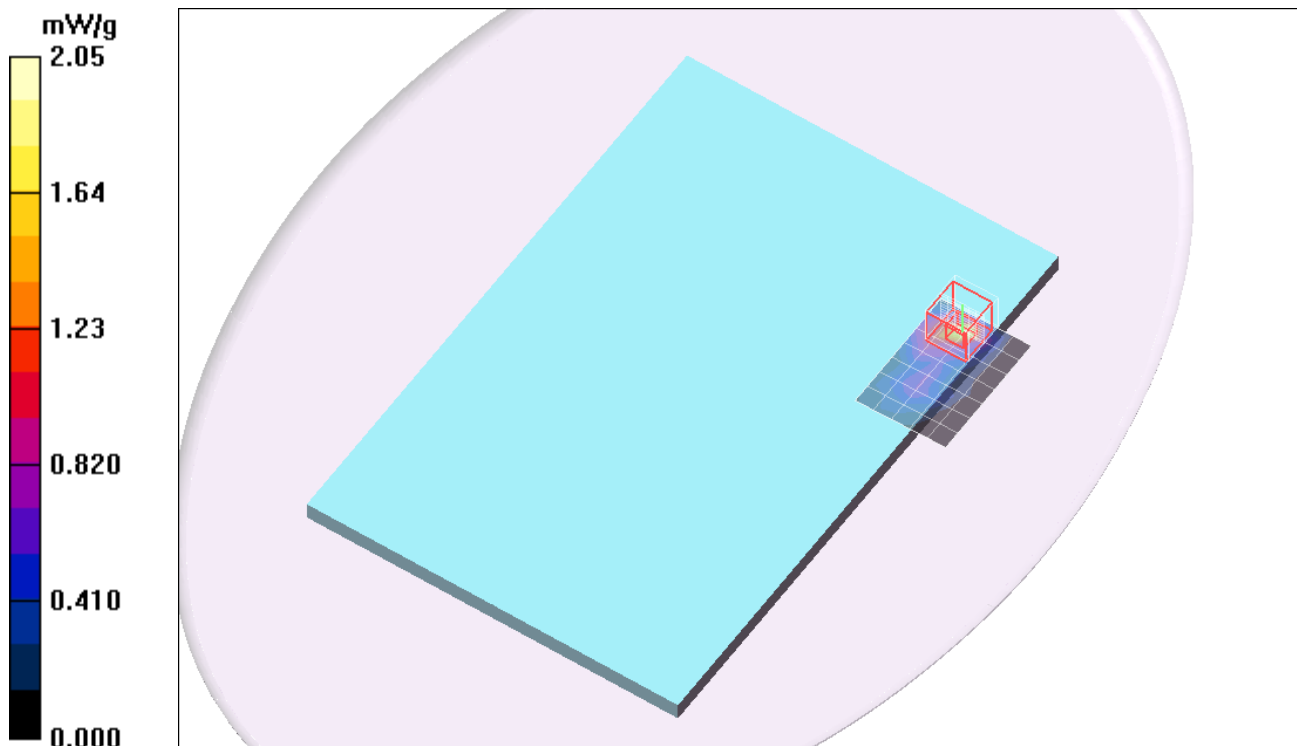
Reference Value = 0.000 V/m; Power Drift = 0.002 dB

Peak SAR (extrapolated) = 4.36 W/kg

SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.334 mW/g

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

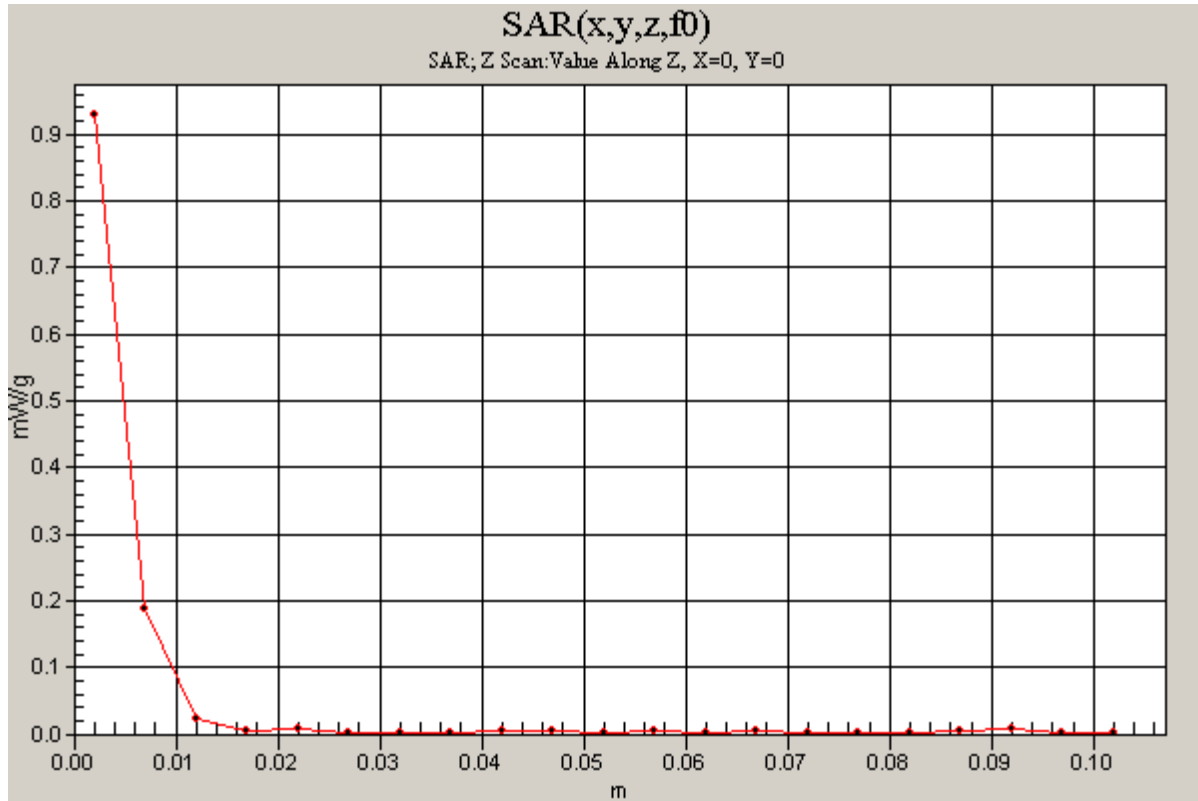
Maximum value of SAR (measured) = 2.05 mW/g



Wi-Fi 5GHz Band

Frequency: 5530 MHz; Duty Cycle: 1:1

Rear/Main/802.11ac HT80/CH106/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 0.929 mW/g



Wi-Fi 5GHz Band

Frequency: 5775 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 25.0°C; Liquid Temperature: 24.0°C

Medium parameters used: $f = 5775.4$ MHz; $\sigma = 5.97$ 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 Sn877; Calibrated: 3/20/2018
- Probe: EX3DV4 - SN3847; ConvF(7.3, 7.3, 7.3); Calibrated: 4/26/2018
- 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

Rear/Main/802.11ac HT80/CH155/Area Scan (6x8x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.98 mW/g

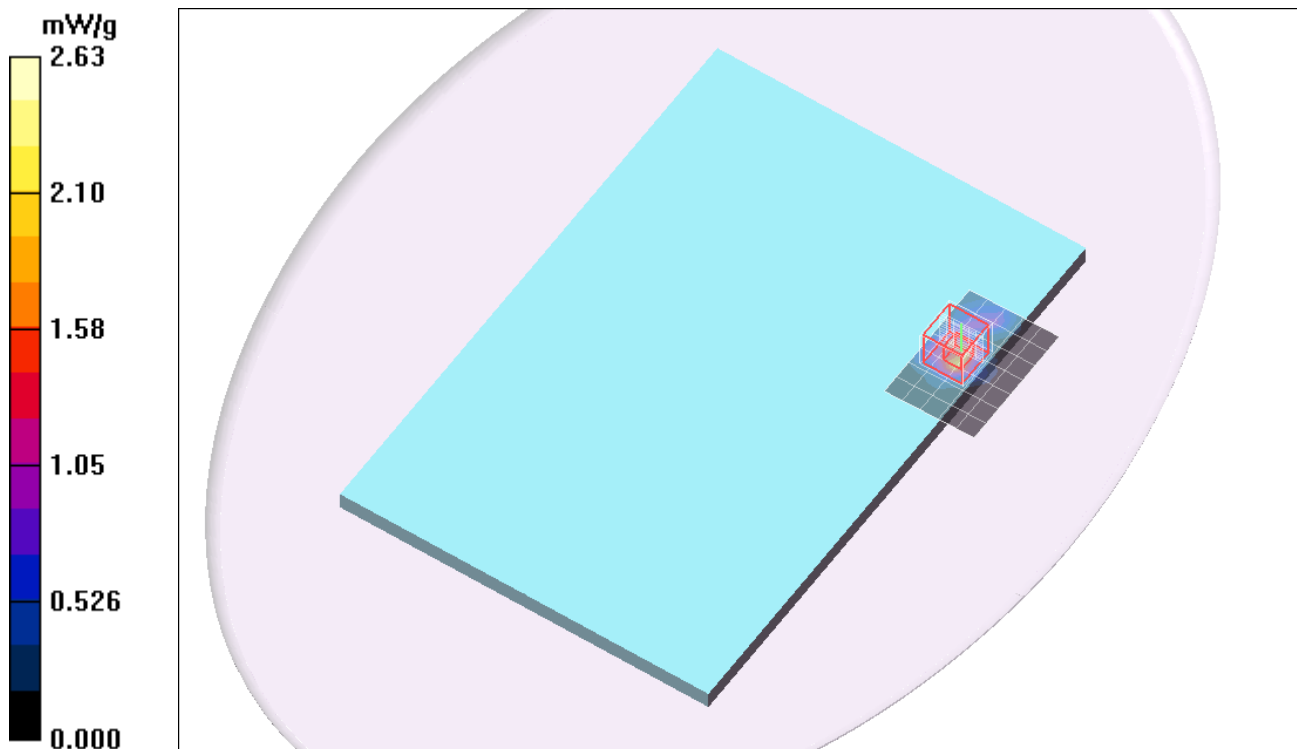
Rear/Main/802.11ac HT80/CH155/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 0.105 V/m; Power Drift = -0.001 dB

Peak SAR (extrapolated) = 7.05 W/kg

SAR(1 g) = 1.16 mW/g; SAR(10 g) = 0.337 mW/g

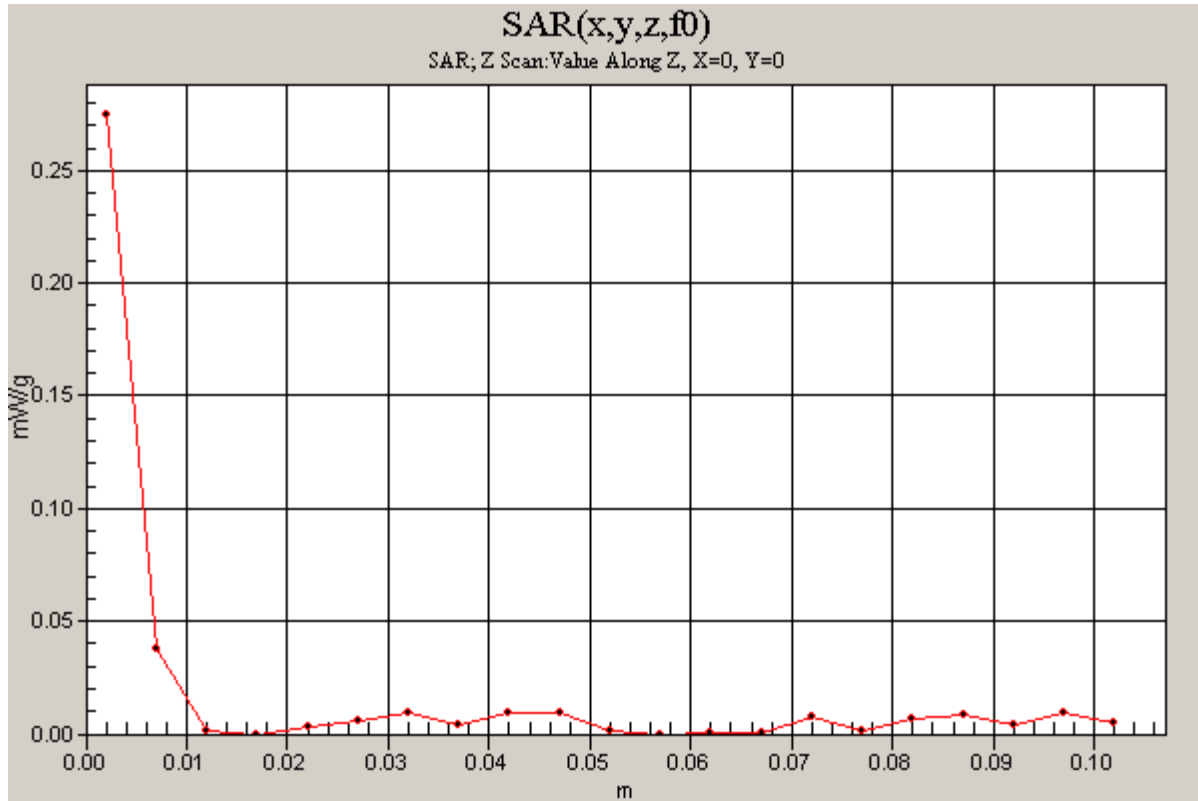
Maximum value of SAR (measured) = 2.63 mW/g



Wi-Fi 5GHz Band

Frequency: 5775 MHz; Duty Cycle: 1:1

Rear/Main/802.11ac HT80/CH155/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 0.275 mW/g



Bluetooth

Frequency: 2441 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used (interpolated): $f = 2441$ MHz; $\sigma = 1.99$ mho/m; $\epsilon_r = 51.7$; $\rho = 1000$ 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 Sn877; Calibrated: 3/20/2018
- Probe: EX3DV4 - SN3847; ConvF(7.3, 7.3, 7.3); Calibrated: 4/26/2018
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Rear/Aux/Bluetooth/CH39/Area Scan (6x7x1): Measurement grid: dx=12mm, dy=12mm

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

Maximum value of SAR (measured) = 0.364 mW/g

Rear/Aux/Bluetooth/CH39/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

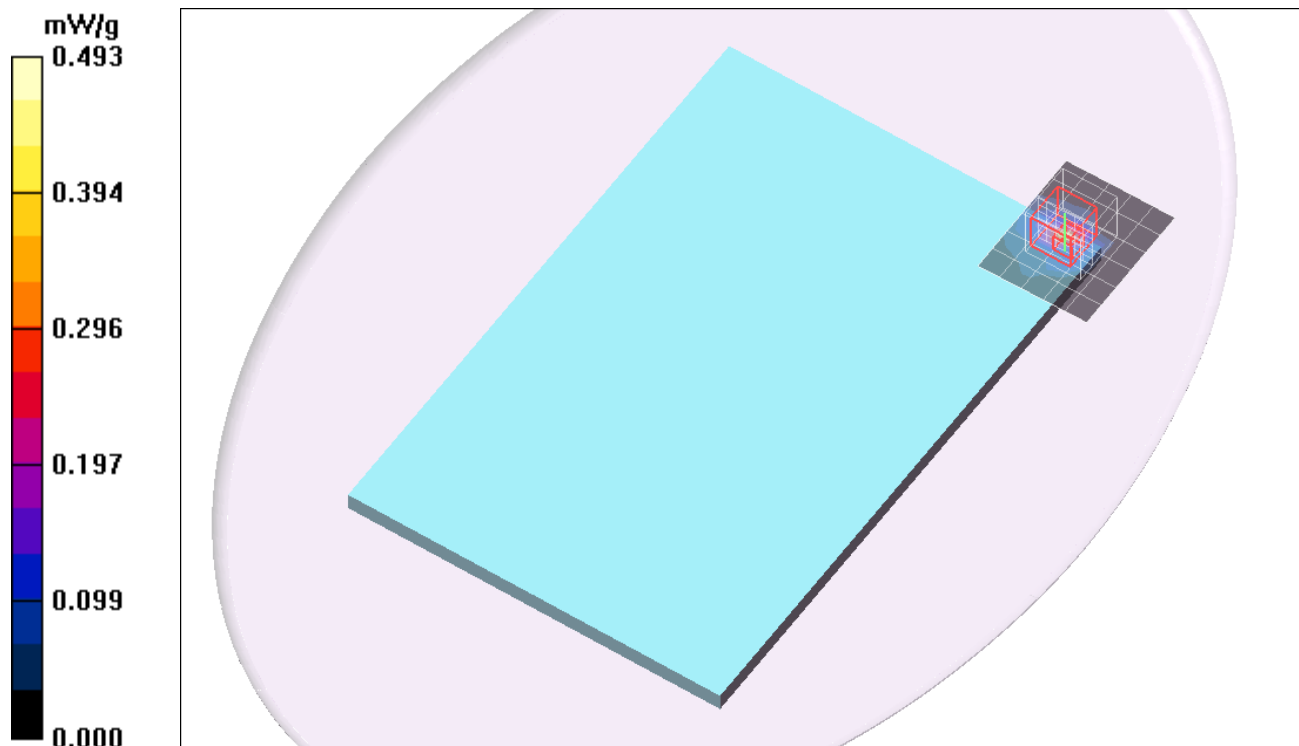
Reference Value = 0.000 V/m; Power Drift = 0.001 dB

Peak SAR (extrapolated) = 0.844 W/kg

SAR(1 g) = 0.276 mW/g; SAR(10 g) = 0.100 mW/g

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

Maximum value of SAR (measured) = 0.493 mW/g



Bluetooth

Frequency: 5280 MHz; Duty Cycle: 1:1

Rear/Aux/Bluetooth/CH39/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 0.363 mW/g

