

WCDMA Band II

Frequency: 1907.6 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 1907.8$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 50.9$; $\rho = 1000$ 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 - SN3665; ConvF(7.74, 7.74, 7.74); Calibrated: 8/6/2018
- 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

Edge1/Main Ant/WCDMA Band 2/CH9538/Area Scan (5x6x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.51 mW/g

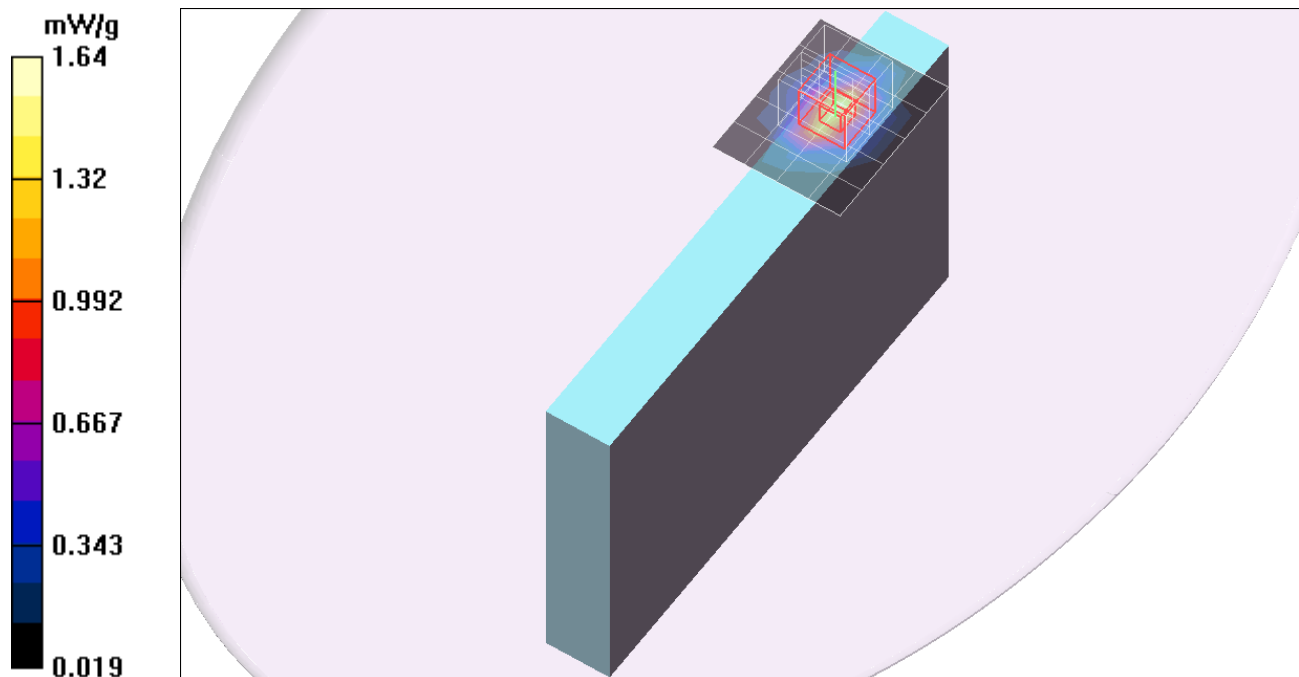
Edge1/Main Ant/WCDMA Band 2/CH9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.49 V/m; Power Drift = 0.060 dB

Peak SAR (extrapolated) = 2.07 W/kg

SAR(1 g) = 1.15 mW/g; SAR(10 g) = 0.585 mW/g

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



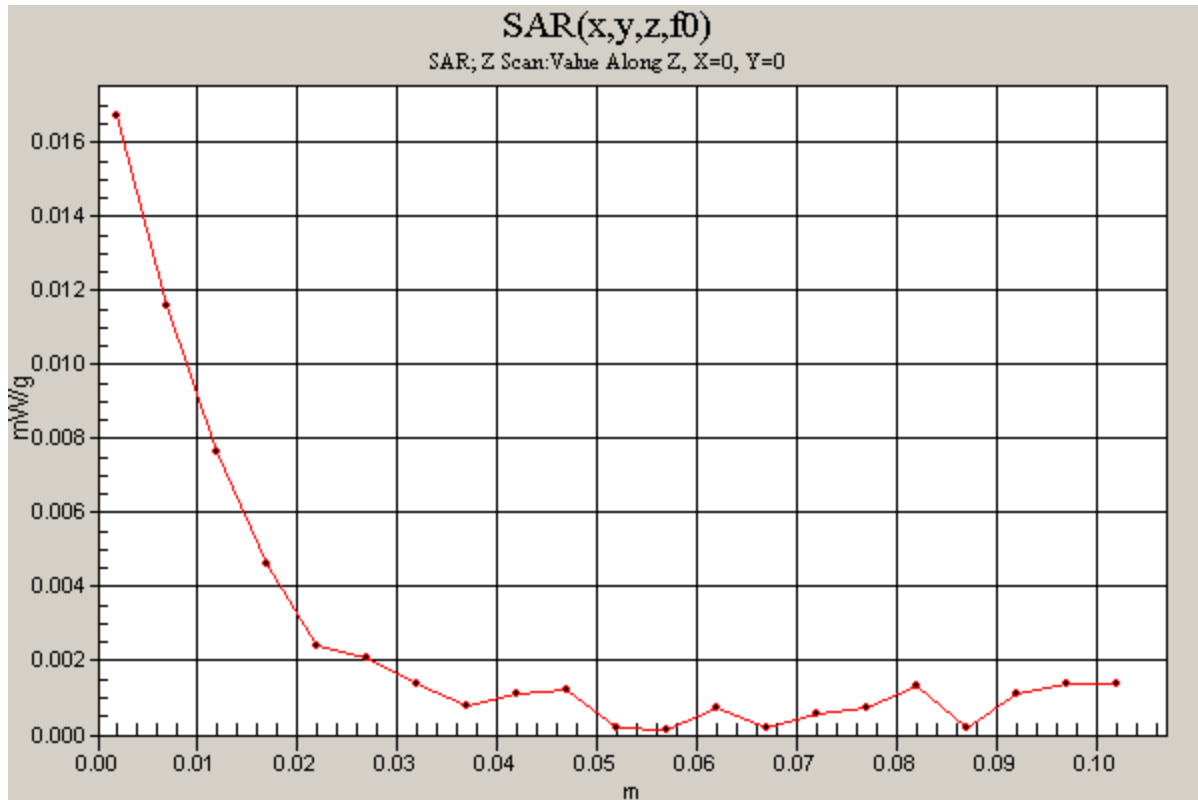
WCDMA Band II

Frequency: 1907.6 MHz; Duty Cycle: 1:1

Edge1/Main Ant/WCDMA Band 2/CH9538/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm

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

Maximum value of SAR (measured) = 0.017 mW/g



WCDMA Band IV

Frequency: 1732.6 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 1732.9$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 52.9$; $\rho = 1000$ 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 - SN3665; ConvF(8.11, 8.11, 8.11); Calibrated: 8/6/2018
- 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

Edge1/Main Ant/WCDMA Band IV/CH1413/Area Scan (5x6x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.10 mW/g

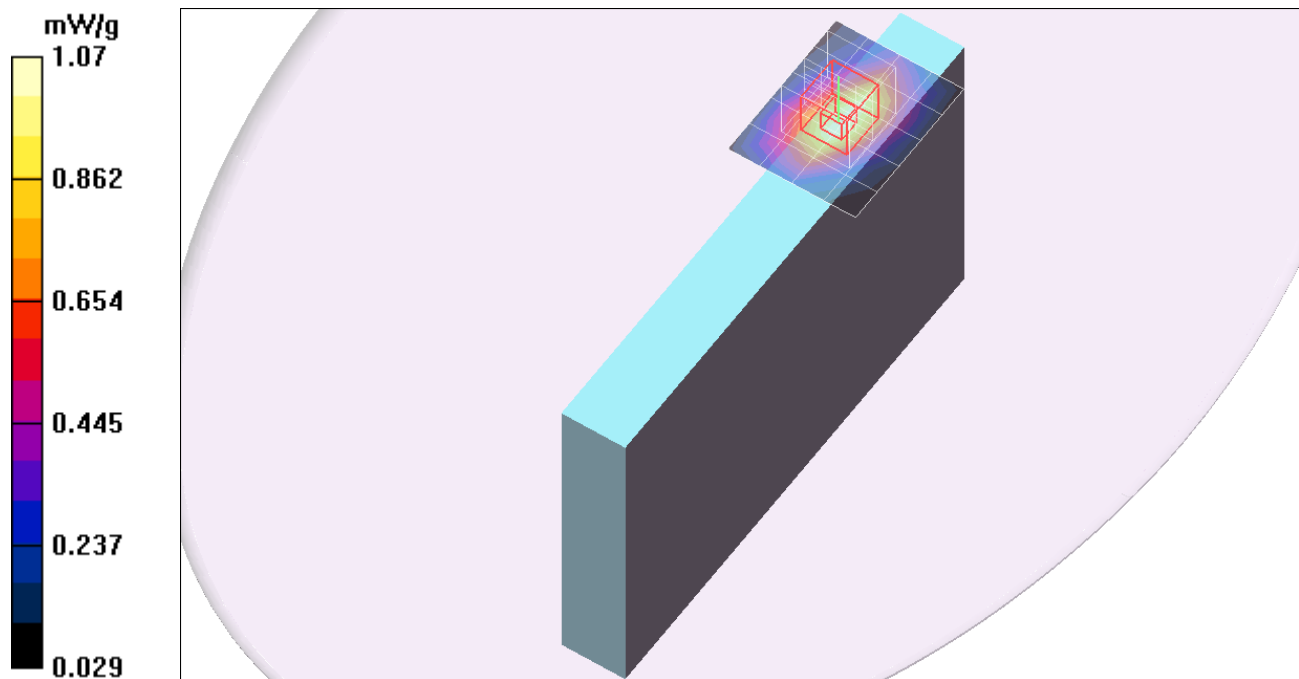
Edge1/Main Ant/WCDMA Band IV/CH1413/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.60 V/m; Power Drift = 0.040 dB

Peak SAR (extrapolated) = 1.29 W/kg

SAR(1 g) = 0.802 mW/g; SAR(10 g) = 0.476 mW/g

Maximum value of SAR (measured) = 1.07 mW/g



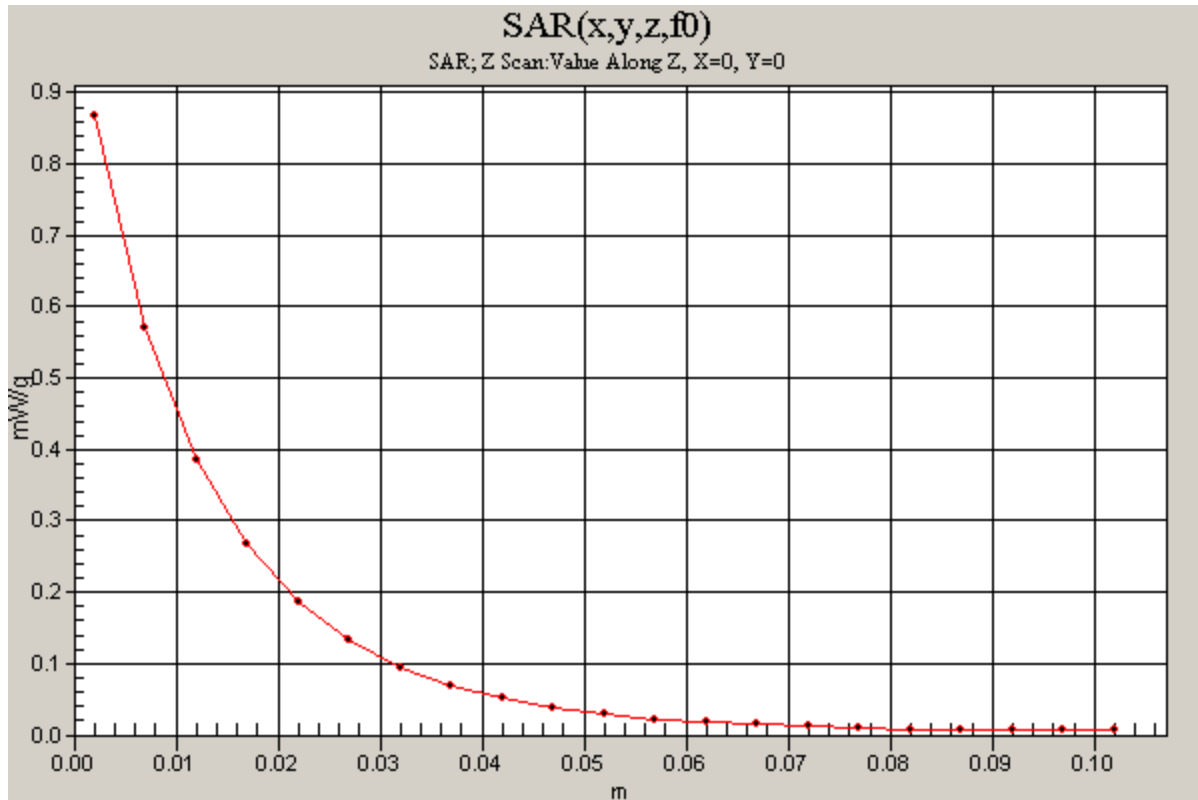
WCDMA Band IV

Frequency: 1732.6MHz; Duty Cycle: 1:1

Edge1/Main Ant/WCDMA Band IV/CH1413/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm

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

Maximum value of SAR (measured) = 0.868 mW/g



WCDMA Band V

Frequency: 836.6 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.987$ mho/m; $\epsilon_r = 55.1$; $\rho = 1000$ 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 - SN3665; ConvF(9.72, 9.72, 9.72); Calibrated: 8/6/2018
- 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

Edge1/Main Ant/WCDMA Band V/CH4183/Area Scan (5x6x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.537 mW/g

Edge1/Main Ant/WCDMA Band V/CH4183/Zoom Scan (5x5x7)/Cube 0: Measurement grid:

dx=8mm, dy=8mm, dz=5mm

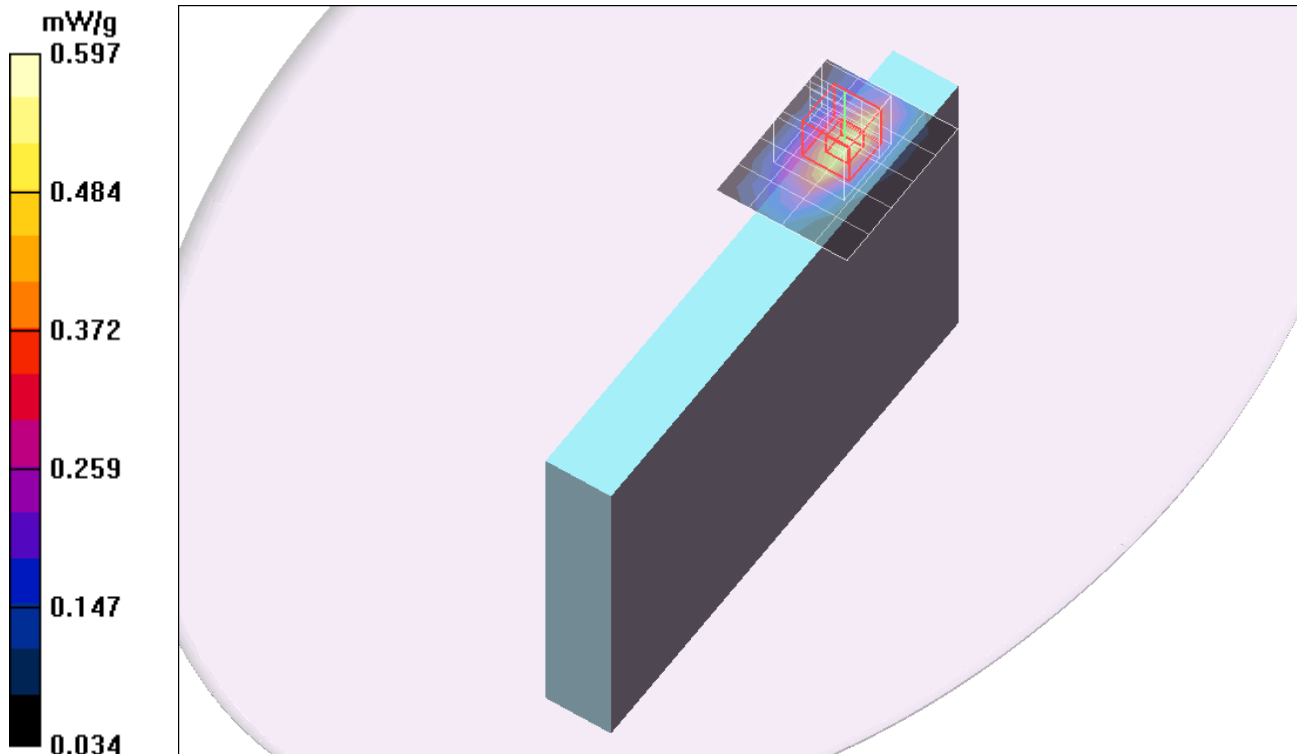
Reference Value = 8.07 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.729 W/kg

SAR(1 g) = 0.475 mW/g; SAR(10 g) = 0.290 mW/g

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

Maximum value of SAR (measured) = 0.597 mW/g



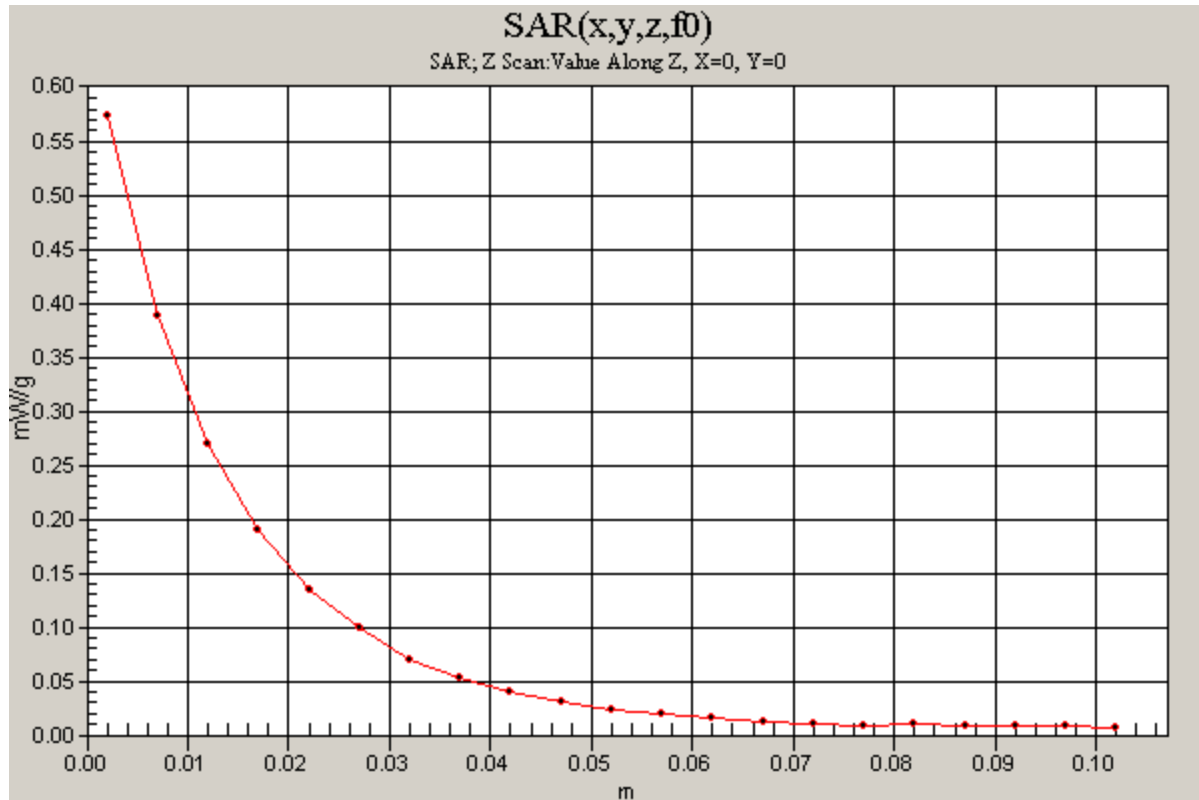
WCDMA Band V

Frequency: 836.6 MHz; Duty Cycle: 1:1

Edge1/Main Ant/WCDMA Band V/CH4183/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm

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

Maximum value of SAR (measured) = 0.574 mW/g



LTE Band 2

Frequency: 1880 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.46$ mho/m; $\epsilon_r = 51$; $\rho = 1000$ 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 - SN3665; ConvF(7.74, 7.74, 7.74); Calibrated: 8/6/2018
- 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

Edge1/Main Ant/LTE Band 2 RB 1,0/CH18900/Area Scan (5x6x1): Measurement grid: dx=15mm, dy=15mm

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

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

Edge1/Main Ant/LTE Band 2 RB 1,0/CH18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid:

dx=8mm, dy=8mm, dz=5mm

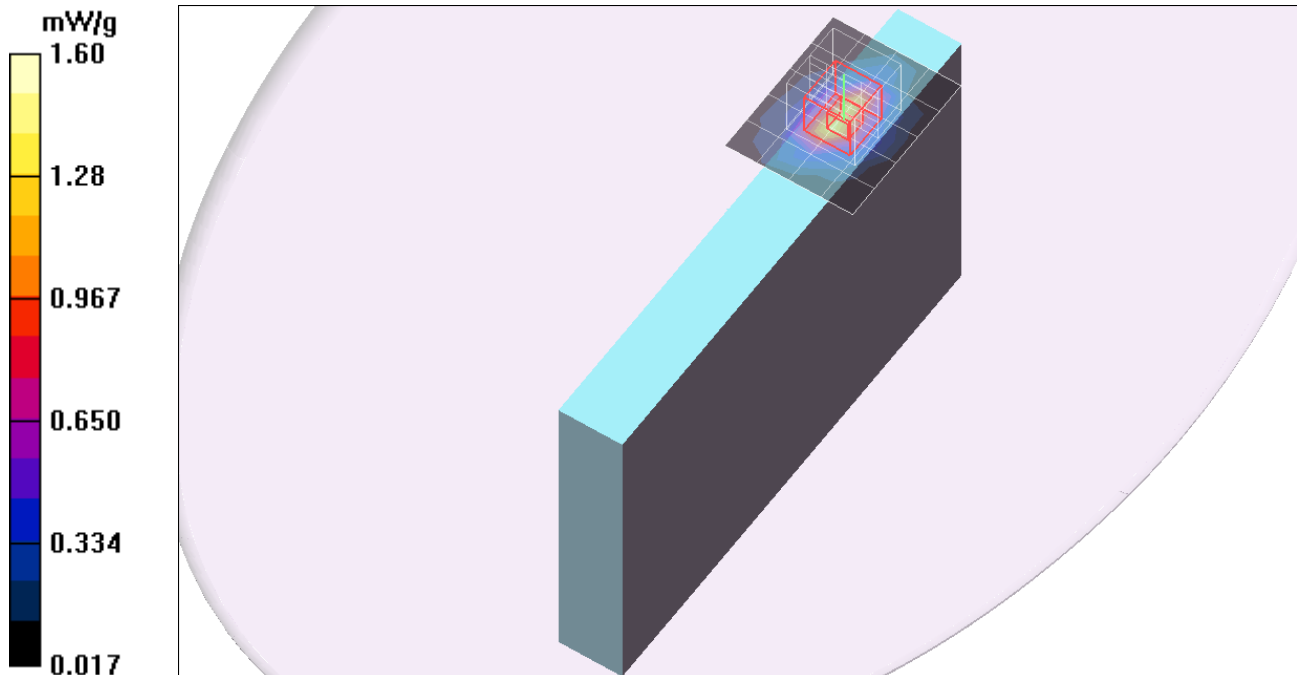
Reference Value = 4.76 V/m; Power Drift = -0.019 dB

Peak SAR (extrapolated) = 2.04 W/kg

SAR(1 g) = 1.18 mW/g; SAR(10 g) = 0.545 mW/g

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

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



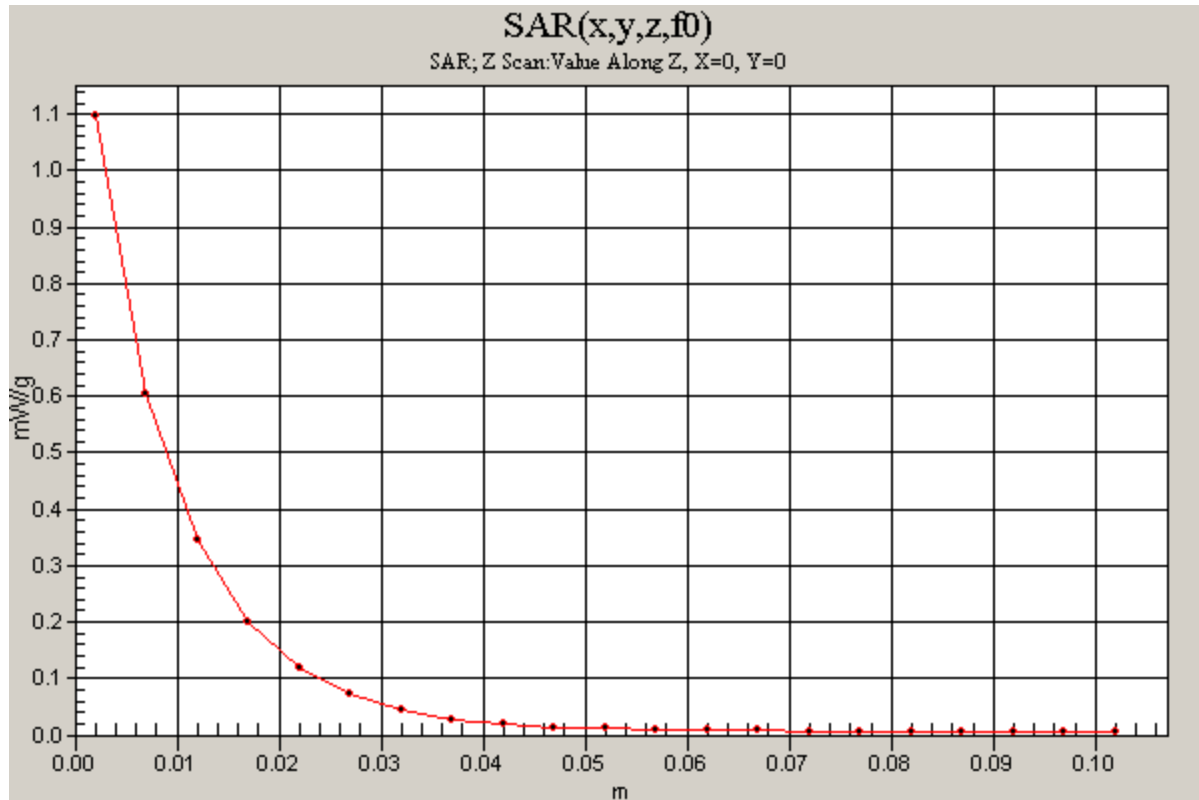
LTE Band 2

Frequency: 1880 MHz; Duty Cycle: 1:1

Edge1/Main Ant/LTE Band 2 RB 1,0/CH18900/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm

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

Maximum value of SAR (measured) = 1.10 mW/g



LTE Band 4

Frequency: 1720 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used (interpolated): $f = 1720$ MHz; $\sigma = 1.49$ 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 Sn877; Calibrated: 3/20/2018
- Probe: EX3DV4 - SN3665; ConvF(8.11, 8.11, 8.11); Calibrated: 8/6/2018
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052

Edge1/Main Ant/LTE Band 4 RB 1,99/CH20050/Area Scan (5x6x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 1.22 mW/g

Edge1/Main Ant/LTE Band 4 RB 1,99/CH20050/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

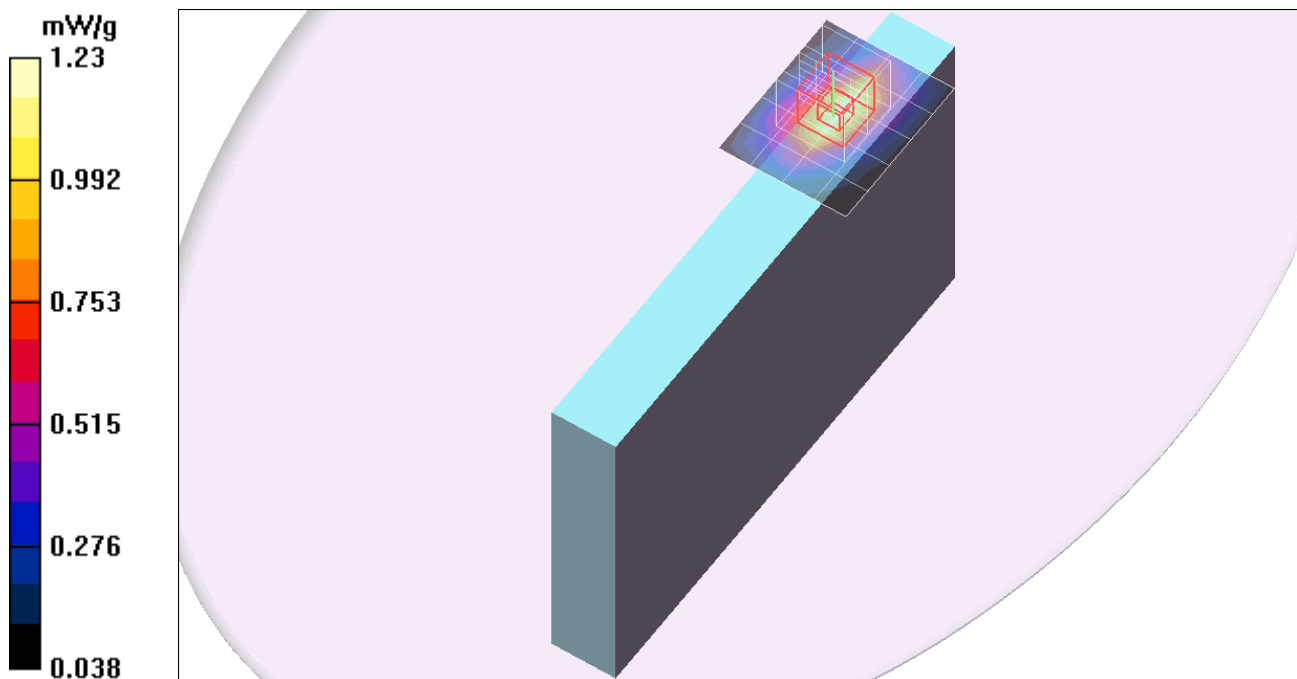
Reference Value = 6.58 V/m; Power Drift = -0.033 dB

Peak SAR (extrapolated) = 1.52 W/kg

SAR(1 g) = 0.977 mW/g; SAR(10 g) = 0.555 mW/g

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

Maximum value of SAR (measured) = 1.23 mW/g



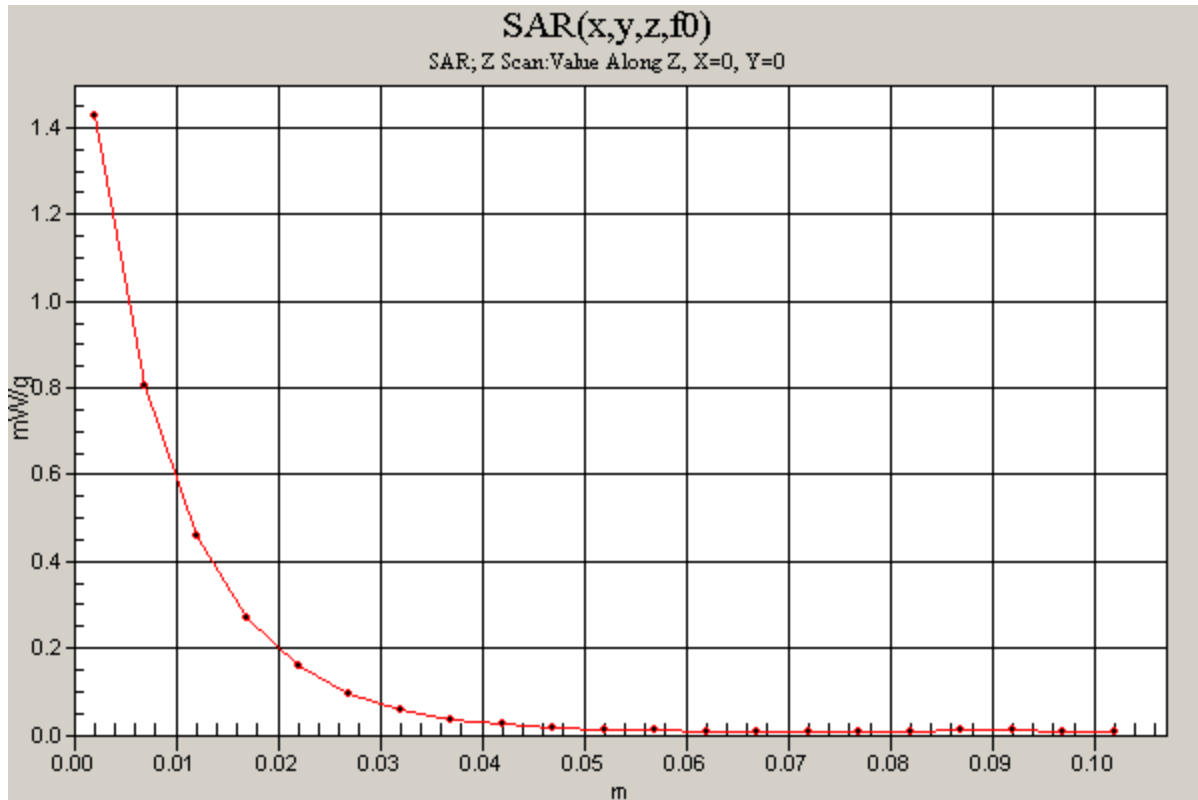
LTE Band 4

Frequency: 1720MHz; Duty Cycle: 1:1

Edge1/Main Ant/LTE Band 4 RB 1,99/CH20050/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm

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

Maximum value of SAR (measured) = 1.43 mW/g



LTE Band 5

Frequency: 844 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used (interpolated): $f = 844$ MHz; $\sigma = 0.994$ mho/m; $\epsilon_r = 55$; $\rho = 1000$ 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 - SN3665; ConvF(9.72, 9.72, 9.72); Calibrated: 8/6/2018
- 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 Ant/LTE Band 5 RB 1,0/CH20600/Area Scan (5x6x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.787 mW/g

Rear/Main Ant/LTE Band 5 RB 1,0/CH20600/Zoom Scan (5x5x7)/Cube 0: Measurement grid:

dx=8mm, dy=8mm, dz=5mm

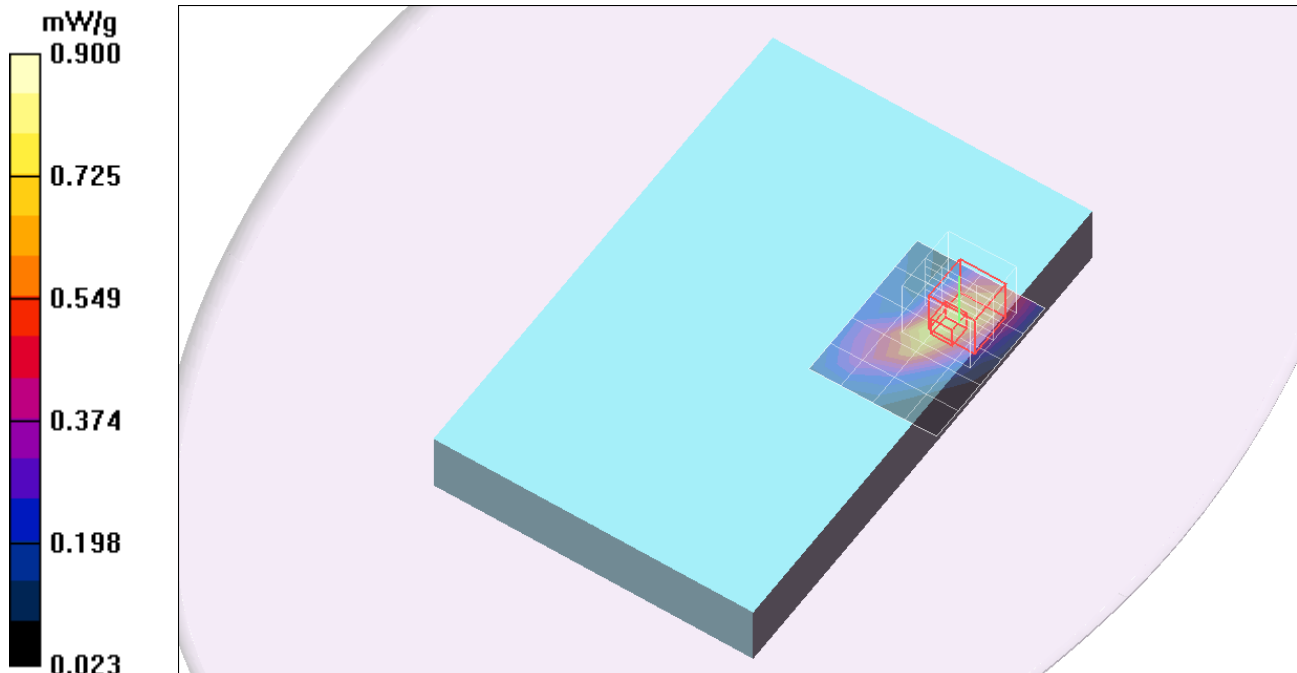
Reference Value = 7.60 V/m; Power Drift = 0.029 dB

Peak SAR (extrapolated) = 1.02 W/kg

SAR(1 g) = 0.625 mW/g; SAR(10 g) = 0.391 mW/g

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

Maximum value of SAR (measured) = 0.779 mW/g



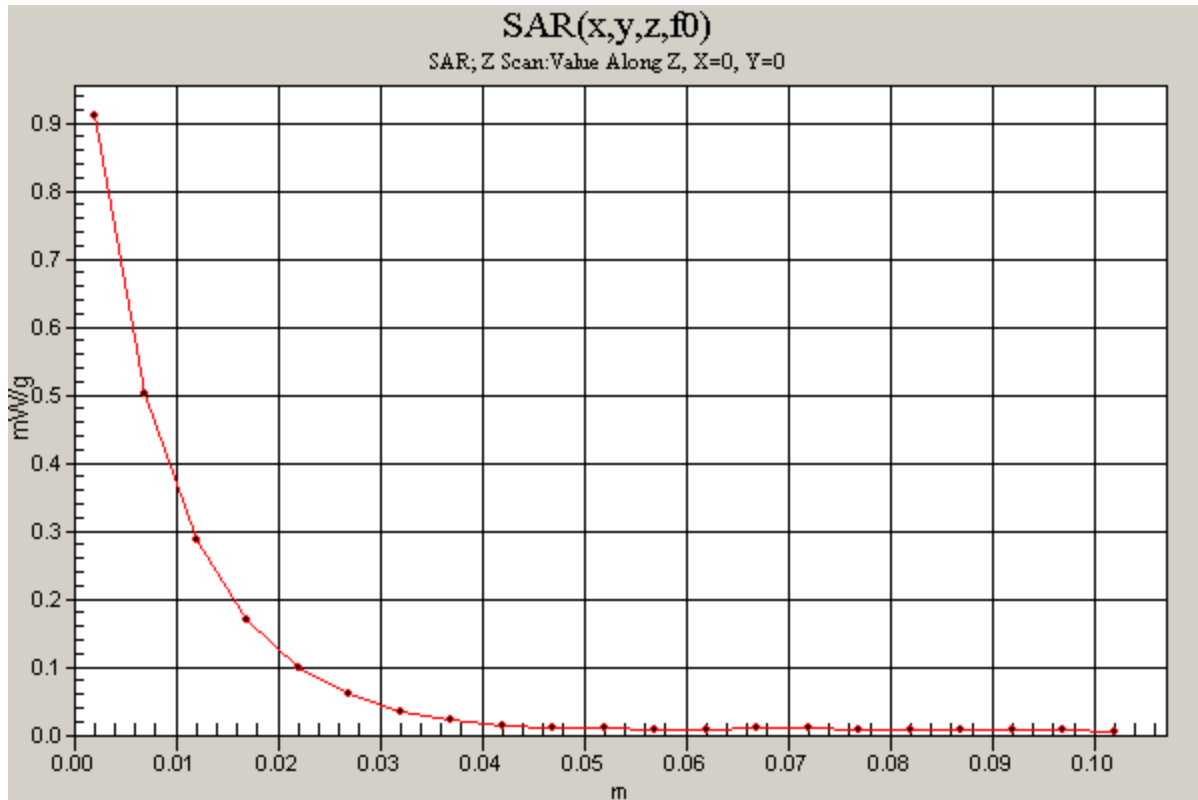
LTE Band 5

Frequency: 844 MHz; Duty Cycle: 1:1

Rear/Main Ant/LTE Band 5 RB 1,0/CH20600/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm

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

Maximum value of SAR (measured) = 0.911 mW/g



LTE Band 17

Frequency: 710 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used (interpolated): $f = 710$ MHz; $\sigma = 0.921$ mho/m; $\epsilon_r = 53.6$; $\rho = 1000$ 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 Sn877; Calibrated: 3/20/2018
- Probe: EX3DV4 - SN3665; ConvF(10.08, 10.08, 10.08); Calibrated: 8/6/2018
- 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 Ant/LTE Band 17 RB 1,0/CH23790/Area Scan (5x6x1): Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.414 mW/g

Rear/Main Ant/LTE Band 17 RB 1,0/CH23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid:

dx=8mm, dy=8mm, dz=5mm

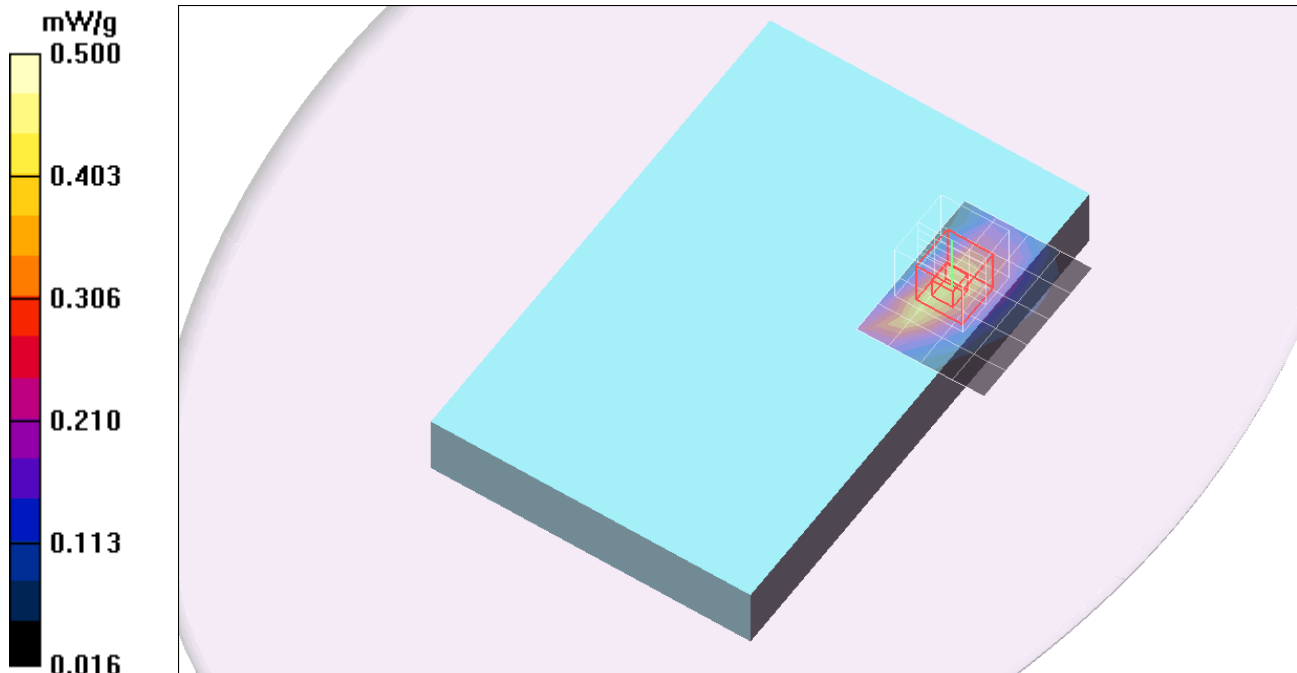
Reference Value = 4.36 V/m; Power Drift = 0.050 dB

Peak SAR (extrapolated) = 0.525 W/kg

SAR(1 g) = 0.335 mW/g; SAR(10 g) = 0.211 mW/g

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

Maximum value of SAR (measured) = 0.430 mW/g



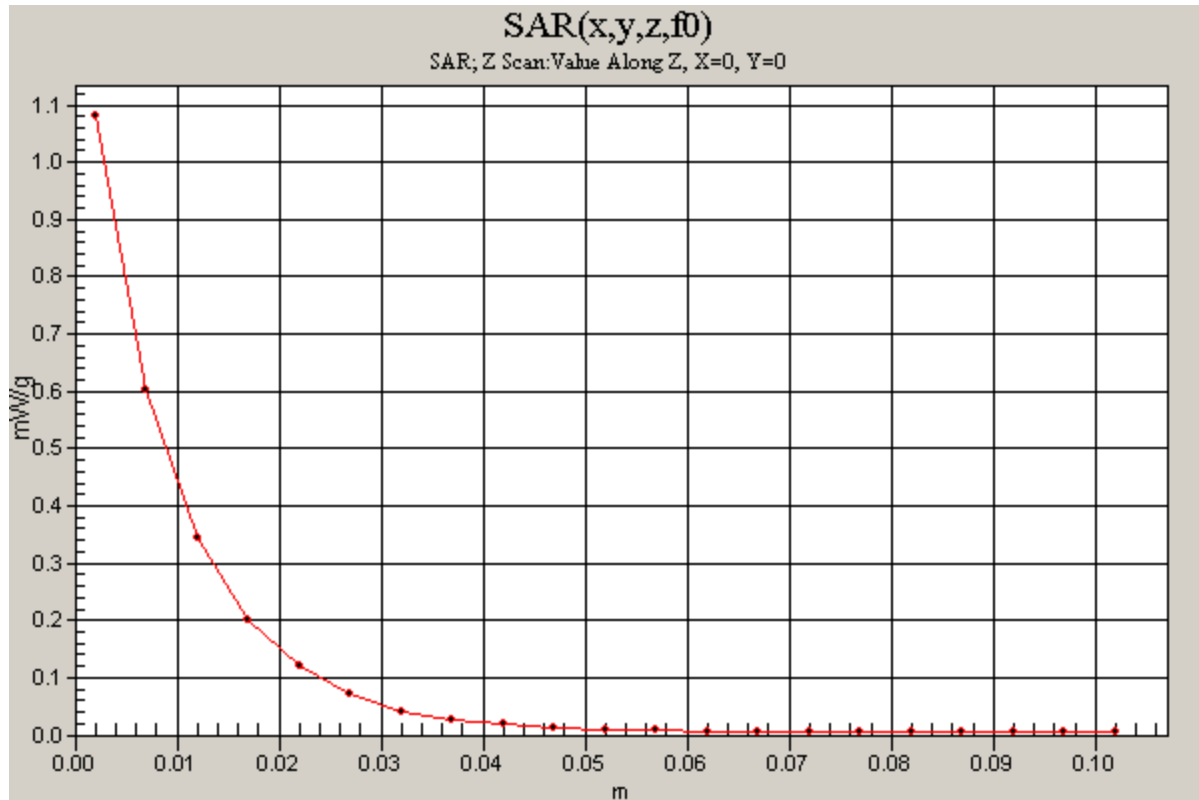
LTE Band 17

Frequency: 710MHz; Duty Cycle: 1:1

Rear/Main Ant/LTE Band 17 RB 1,0/CH23790/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm

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

Maximum value of SAR (measured) = 1.08 mW/g



Wi-Fi 2.4GHz Band

Frequency: 2462 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.5°C

Medium parameters used: $f = 2462.2$ MHz; $\sigma = 2.048$ S/m; $\epsilon_r = 51.986$; $\rho = 1000$ kg/m³

DASY5 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: 2018/3/20
- Probe: EX3DV4 - SN3665; ConvF(7.52, 7.52, 7.52); Calibrated: 2018/8/6;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056

Rear/Main Ant/802.11b/Ch11/Area Scan (6x7x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 1.75 W/kg

Rear/Main Ant/802.11b/Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm,

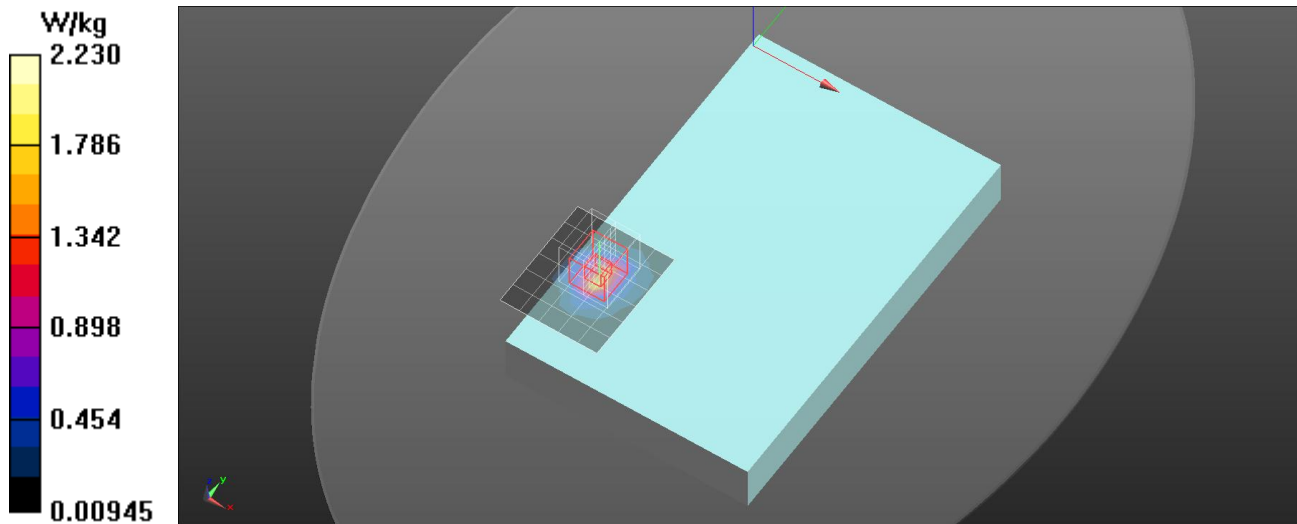
dz=5mm

Reference Value = 1.398 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 2.75 W/kg

SAR(1 g) = 1.27 W/kg; SAR(10 g) = 0.534 W/kg

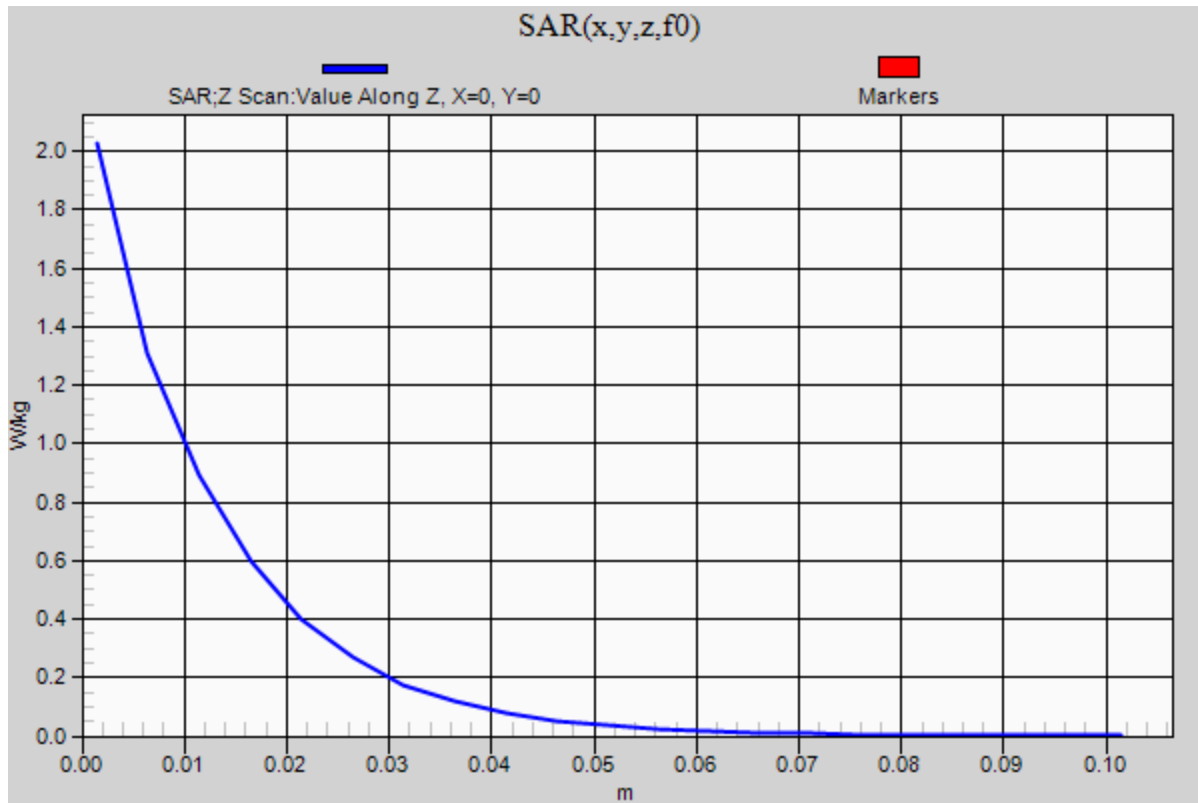
Maximum value of SAR (measured) = 2.23 W/kg



Wi-Fi 2.4GHz Band

Frequency: 2462 MHz; Duty Cycle: 1:1

Rear /Main Ant/802.11b/Ch11/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 2.05 W/kg



Bluetooth

Frequency: 2441 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.5°C

Medium parameters used (interpolated): $f = 2441$ MHz; $\sigma = 2.023$ S/m; $\epsilon_r = 52.079$; $\rho = 1000$ kg/m³

DASY5 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: 2018/3/20
- Probe: EX3DV4 - SN3665; ConvF(7.52, 7.52, 7.52); Calibrated: 2018/8/6;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056

Rear/Main Ant/BT/Ch 39/Area Scan (6x7x1): Measurement grid: dx=12mm, dy=12mm

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

Maximum value of SAR (measured) = 0.00414 W/kg

Rear/Main Ant/BT/Ch 39/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

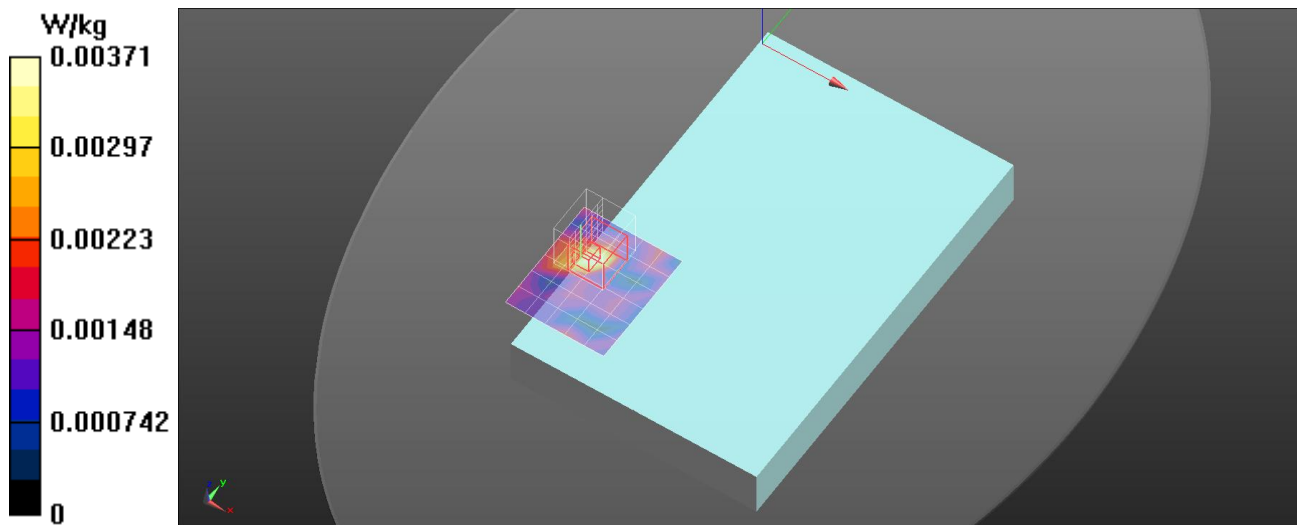
Reference Value = 0.3900 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.00759 W/kg

SAR(1 g) = 0.00119 W/kg; SAR(10 g) = 0.00026 W/kg

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

Maximum value of SAR (measured) = 0.00371 W/kg



Bluetooth

Frequency: 2441 MHz; Duty Cycle: 1:1

Rear/Main Ant/BT/Ch 39/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm

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

Maximum value of SAR (measured) = 0.383 W/kg

