

Annex B. SAR Plots of SAR Measurement

The SAR plots for highest measured SAR in each exposure configuration, wireless mode and frequency band combination are shown as follows.

P01 ISM_MSK_Left Tilted_0mm_Ch50_Long Antenna**DUT: P21061040**

Communication System: UID 0, CW (0); Frequency: 927.4 MHz; Duty Cycle: 1:1

Medium: H07T10N1_0911 Medium parameters used (interpolated): $f = 927.4$ MHz; $\sigma = 0.969$ S/m; $\epsilon_r = 40.02$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C ; Liquid Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(8.9, 8.9, 8.9) @ 927.4 MHz; Calibrated: 2021/07/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1305; Calibrated: 2021/04/09
- Phantom: SAM Phantom_1982; Type: QD 000 P41 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (61x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.190 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.48 V/m; Power Drift = 0.08 dB

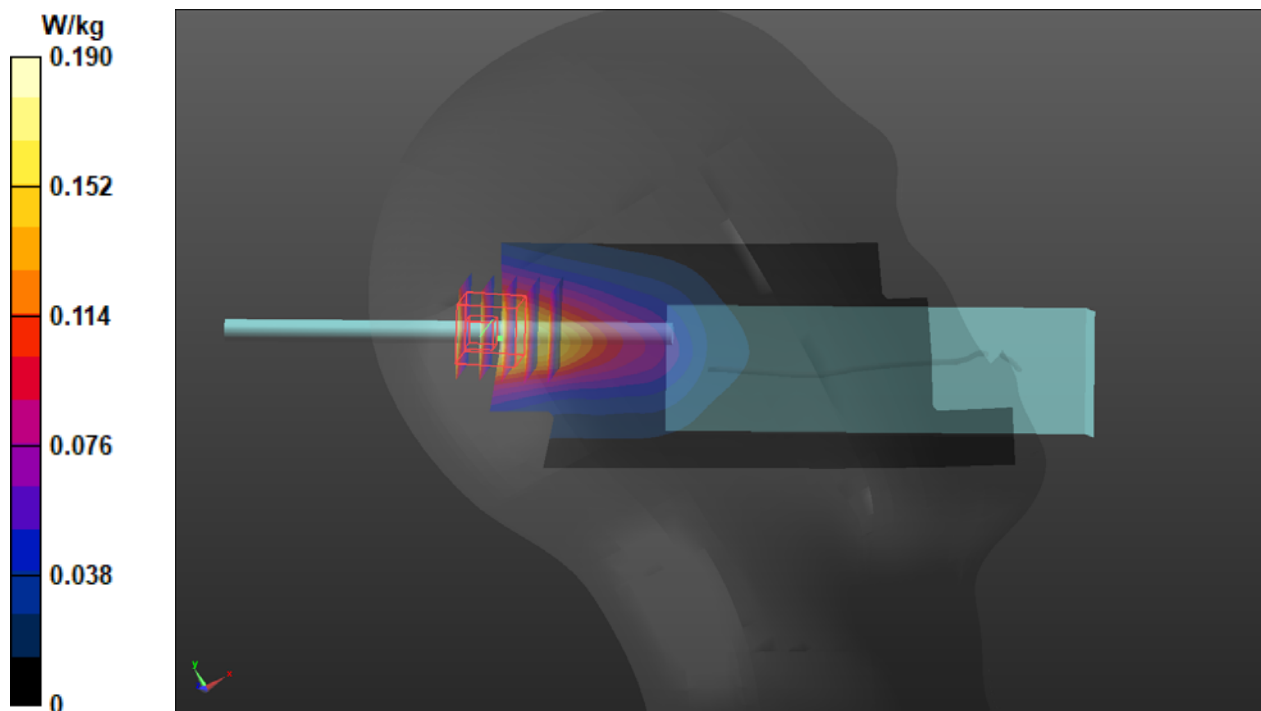
Peak SAR (extrapolated) = 0.222 W/kg

SAR(1 g) = 0.164 W/kg; SAR(10 g) = 0.116 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 16.5 mm

Ratio of SAR at M2 to SAR at M1 = 74.9%

Maximum value of SAR (measured) = 0.204 W/kg



P02 ISM_MSK_Right Tilted_0mm_Ch1_Short Antenna**DUT: P21061040**

Communication System: UID 0, CW (0); Frequency: 902.3 MHz; Duty Cycle: 1:1

Medium: H07T10N1_0911 Medium parameters used (interpolated): $f = 902.3$ MHz; $\sigma = 0.96$ S/m; $\epsilon_r = 40.125$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C ; Liquid Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(8.9, 8.9, 8.9) @ 902.3 MHz; Calibrated: 2021/07/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1305; Calibrated: 2021/04/09
- Phantom: SAM Phantom_1982; Type: QD 000 P41 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (61x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.553 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.81 V/m; Power Drift = 0.06 dB

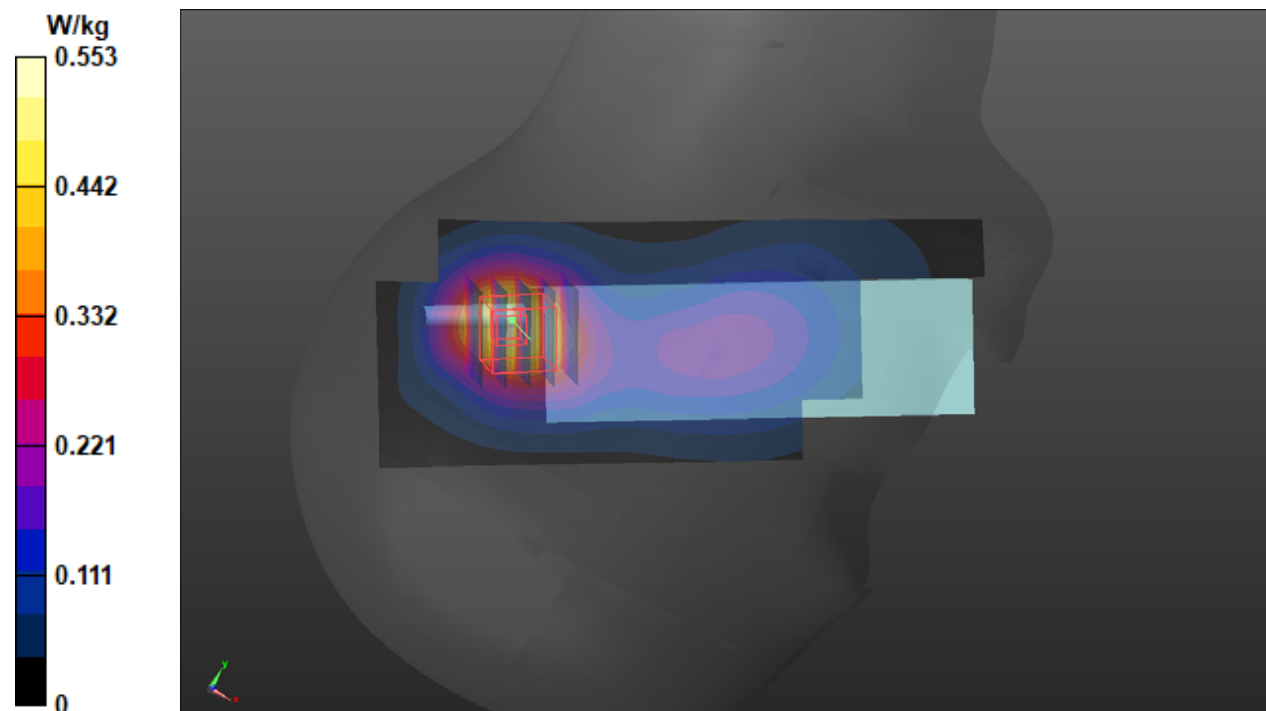
Peak SAR (extrapolated) = 0.607 W/kg

SAR(1 g) = 0.425 W/kg; SAR(10 g) = 0.282 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 17 mm

Ratio of SAR at M2 to SAR at M1 = 70.6%

Maximum value of SAR (measured) = 0.542 W/kg



P03 ISM_MSK_Rear Face_10mm_Ch1_Long Antenna**DUT: P21061040**

Communication System: UID 0, CW (0); Frequency: 902.3 MHz; Duty Cycle: 1:1

Medium: H07T10N1_0911 Medium parameters used (interpolated): $f = 902.3$ MHz; $\sigma = 0.96$ S/m; $\epsilon_r = 40.125$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C ; Liquid Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(8.9, 8.9, 8.9) @ 902.3 MHz; Calibrated: 2021/07/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1305; Calibrated: 2021/04/09
- Phantom: SAM Phantom_1982; Type: QD 000 P41 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (61x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.415 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.47 V/m; Power Drift = -0.03 dB

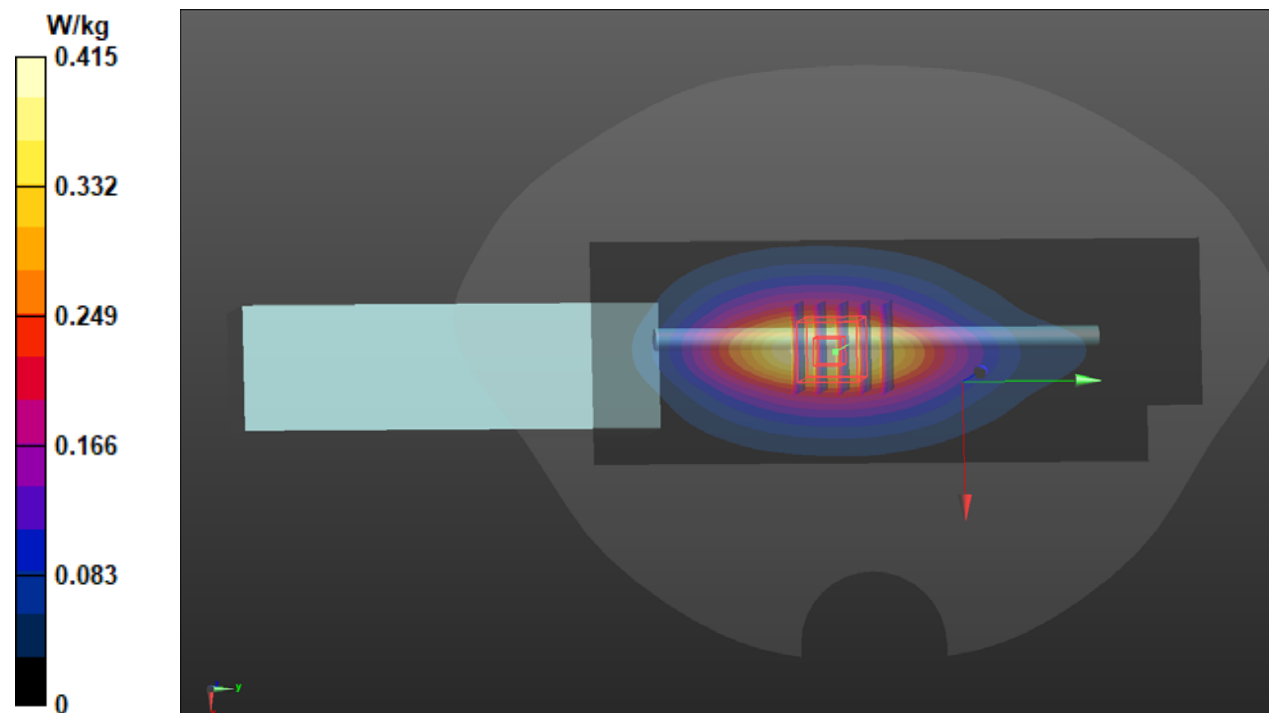
Peak SAR (extrapolated) = 0.459 W/kg

SAR(1 g) = 0.311 W/kg; SAR(10 g) = 0.207 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 16 mm

Ratio of SAR at M2 to SAR at M1 = 67.6%

Maximum value of SAR (measured) = 0.408 W/kg



P04 ISM_MSK_Front Face_10mm_Ch50_Short Antenna**DUT: P21061040**

Communication System: UID 0, CW (0); Frequency: 927.4 MHz; Duty Cycle: 1:1

Medium: H07T10N1_0911 Medium parameters used (interpolated): $f = 927.4$ MHz; $\sigma = 0.969$ S/m; $\epsilon_r = 40.02$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C ; Liquid Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(8.9, 8.9, 8.9) @ 927.4 MHz; Calibrated: 2021/07/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1305; Calibrated: 2021/04/09
- Phantom: SAM Phantom_1982; Type: QD 000 P41 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (61x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.505 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.58 V/m; Power Drift = 0.01 dB

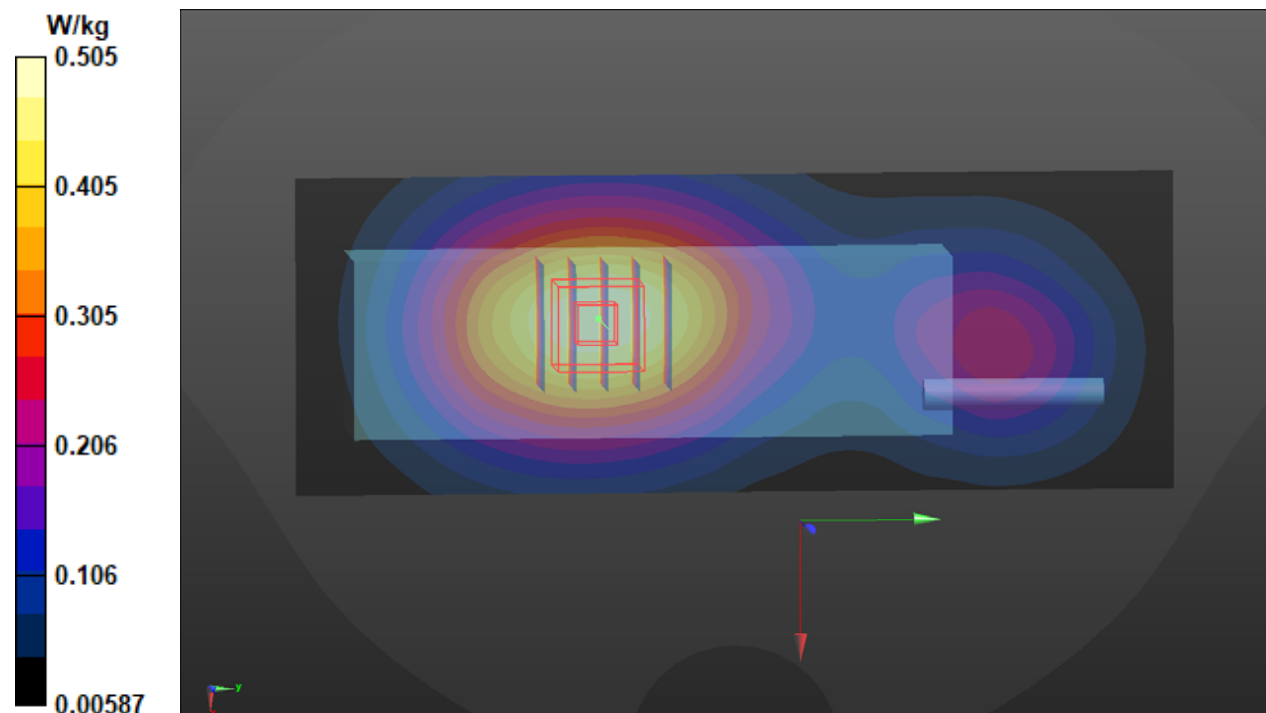
Peak SAR (extrapolated) = 0.544 W/kg

SAR(1 g) = 0.414 W/kg; SAR(10 g) = 0.302 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 75.9%

Maximum value of SAR (measured) = 0.503 W/kg



P05 ISM_MSK_Right Side_0mm_Ch1_Long Antenna**DUT: P21061040**

Communication System: UID 0, CW (0); Frequency: 902.3 MHz; Duty Cycle: 1:1
Medium: H07T10N1_0911 Medium parameters used (interpolated): $f = 902.3$ MHz; $\sigma = 0.96$ S/m;
 $\epsilon_r = 40.125$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.7 °C ; Liquid Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(8.9, 8.9, 8.9) @ 902.3 MHz; Calibrated: 2021/07/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1305; Calibrated: 2021/04/09
- Phantom: SAM Phantom_1982; Type: QD 000 P41 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (61x151x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm
Maximum value of SAR (interpolated) = 0.405 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 21.39 V/m; Power Drift = -0.03 dB

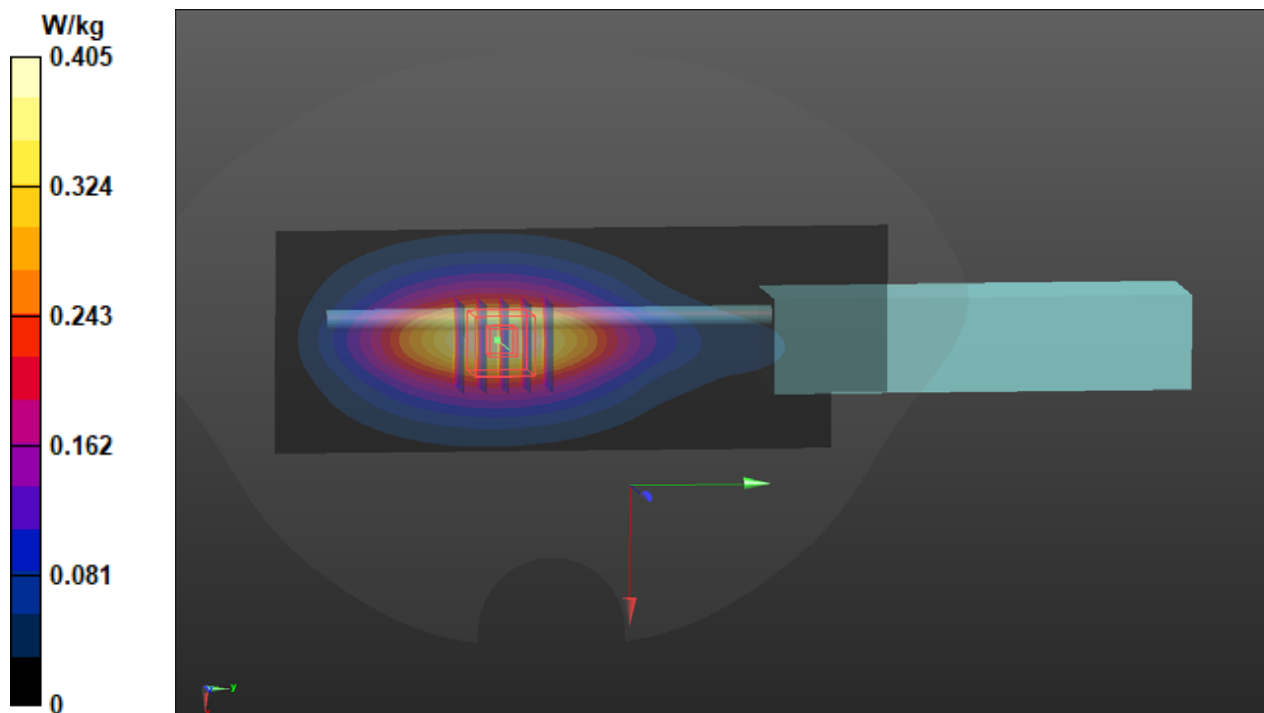
Peak SAR (extrapolated) = 0.449 W/kg

SAR(1 g) = 0.306 W/kg; SAR(10 g) = 0.205 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 16.3 mm

Ratio of SAR at M2 to SAR at M1 = 68.4%

Maximum value of SAR (measured) = 0.400 W/kg



P06 ISM_MSK_Right Side_0mm_Ch1_Short Antenna**DUT: P21061040**

Communication System: UID 0, CW (0); Frequency: 902.3 MHz; Duty Cycle: 1:1
Medium: H07T10N1_0911 Medium parameters used (interpolated): $f = 902.3$ MHz; $\sigma = 0.96$ S/m;
 $\epsilon_r = 40.125$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.7 °C ; Liquid Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(8.9, 8.9, 8.9) @ 902.3 MHz; Calibrated: 2021/07/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1305; Calibrated: 2021/04/09
- Phantom: SAM Phantom_1982; Type: QD 000 P41 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (61x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.808 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.23 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.904 W/kg

SAR(1 g) = 0.606 W/kg; SAR(10 g) = 0.401 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 16 mm

Ratio of SAR at M2 to SAR at M1 = 66.9%

Maximum value of SAR (measured) = 0.805 W/kg

