

Appendix C System Check

C.1 20220621 750 MHz Ambient Temp_22.4 deg.C._Liquid Temp_22.4 deg.C

Communication System info

Communication System: UID 0, #CW (0)
Communication System Band: D750 (750.0 MHz)Duty Cycle: 1:1
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

Probe info:

Probe: EX3DV4 - SN3917
Calibrated: 2022/05/17
ConvF(10.11, 10.11, 10.11) @ 750 MHz
Medium parameters used: $f = 750$ MHz; $\sigma = 0.915$ S/m; $\epsilon_r = 41.875$; $\rho = 1000$ kg/m³
Sensor-Surface: 1.4 mm (Mechanical Surface Detection), Sensor-Surface: 0 mm (Fix Surface)

DAE info:

Electronics: DAE4 Sn1369
Calibrated: 2022/05/09

Phantom info:

Phantom: ELI v5.0 (20 deg probe tilt)
Type: QDOVA001BB
Serial: TP:1203
Phantom section: Flat Section

Software info DASY52 52.10.4(1535) SEMCAD X 14.6.14(7501)

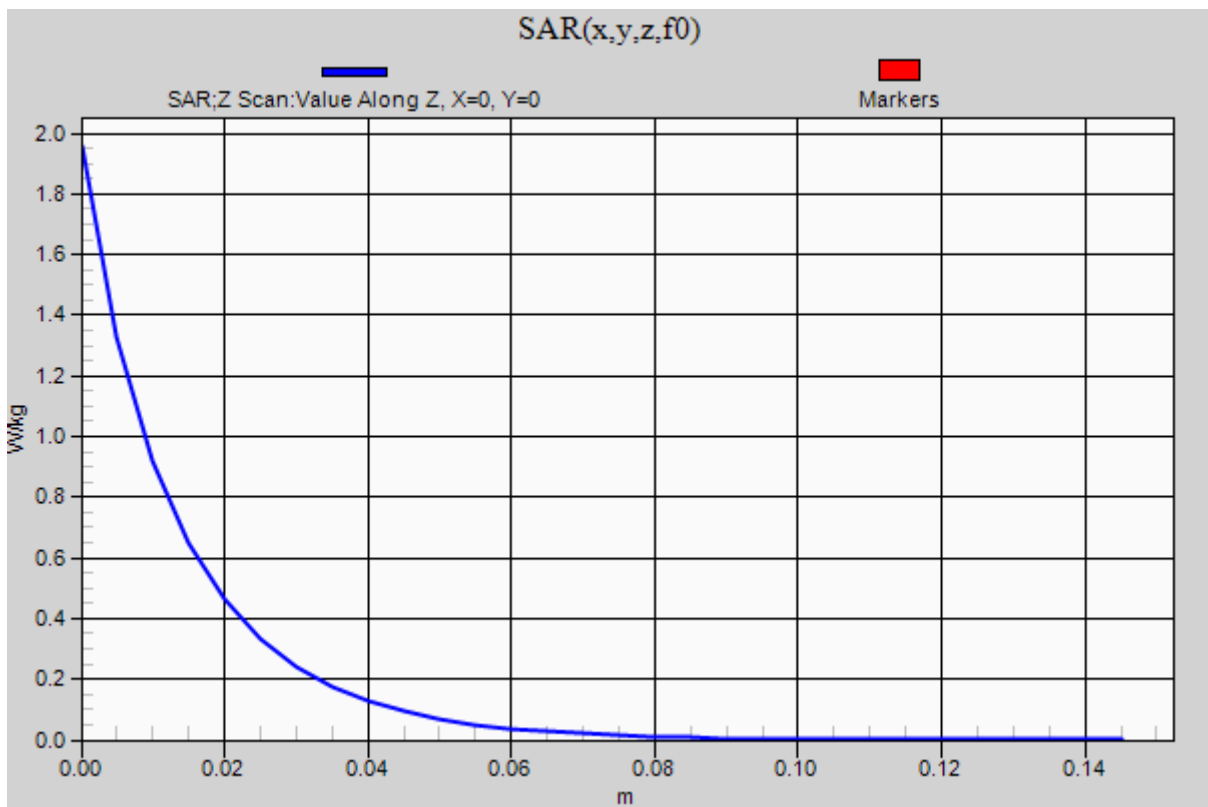
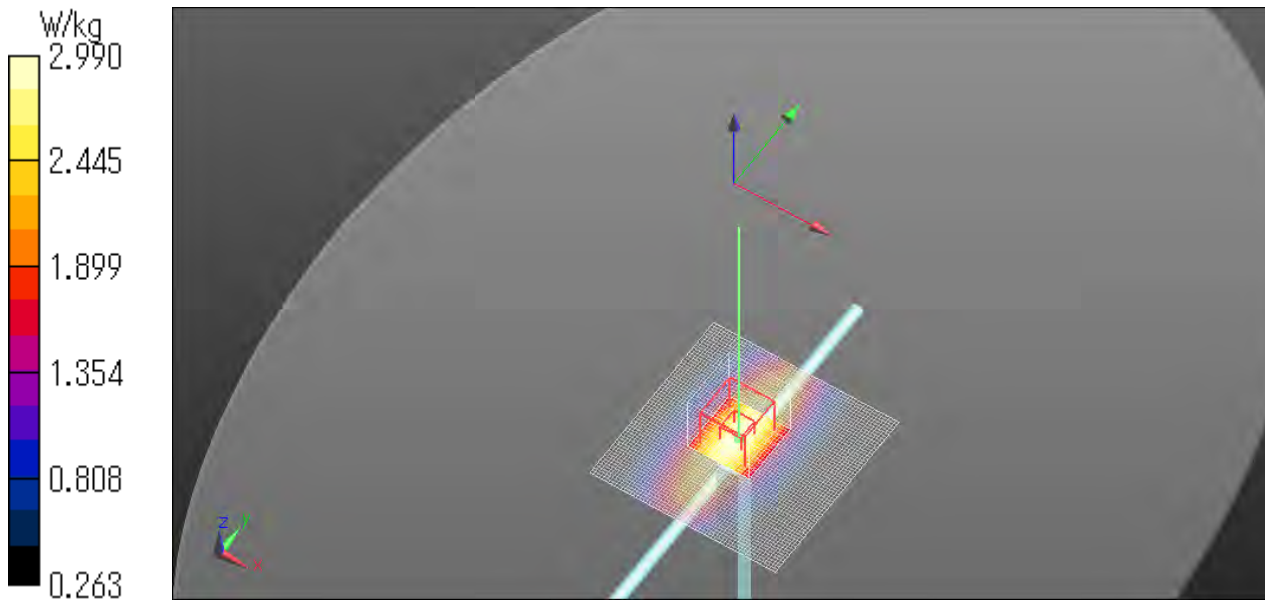
Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 2.96 W/kg

Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5 mm
Reference Value = 60.08 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 3.38 W/kg
SAR(1 g) = 2.21 W/kg; SAR(10 g) = 1.45 W/kg
Smallest distance from peaks to all points 3 dB below = 20.6 mm
Ratio of SAR at M2 to SAR at M1 = 65.3 %
Maximum value of SAR (measured) = 2.99 W/kg

Z Scan (1x1x31): Measurement grid: dx=20 mm, dy=20 mm, dz=5 mm
Maximum value of SAR (measured) = 1.96 W/kg

Note

Liquid temp. is kept within the 2 degree.C. during the test.



C.2 20220621 835 MHz Ambient Temp_22.4 deg.C._Liquid Temp_22.4 deg.C

Communication System info

Communication System: UID 0, #CW (0)
Communication System Band: D835 (835.0 MHz)Duty Cycle: 1:1
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

Probe info:

Probe: EX3DV4 - SN3917
Calibrated: 2022/05/17
ConvF(9.71, 9.71, 9.71) @ 835 MHz
Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 0.94 \text{ S/m}$; $\epsilon_r = 41.604$; $\rho = 1000 \text{ kg/m}^3$
Sensor-Surface: 1.4 mm (Mechanical Surface Detection), Sensor-Surface: 0 mm (Fix Surface)

DAE info:

Electronics: DAE4 Sn1369
Calibrated: 2022/05/09

Phantom info:

Phantom: ELI v5.0 (20 deg probe tilt)
Type: QDOVA001BB
Serial: TP:1203
Phantom section: Flat Section

Software info DASYS 52.10.4(1535) SEMCAD X 14.6.14(7501)

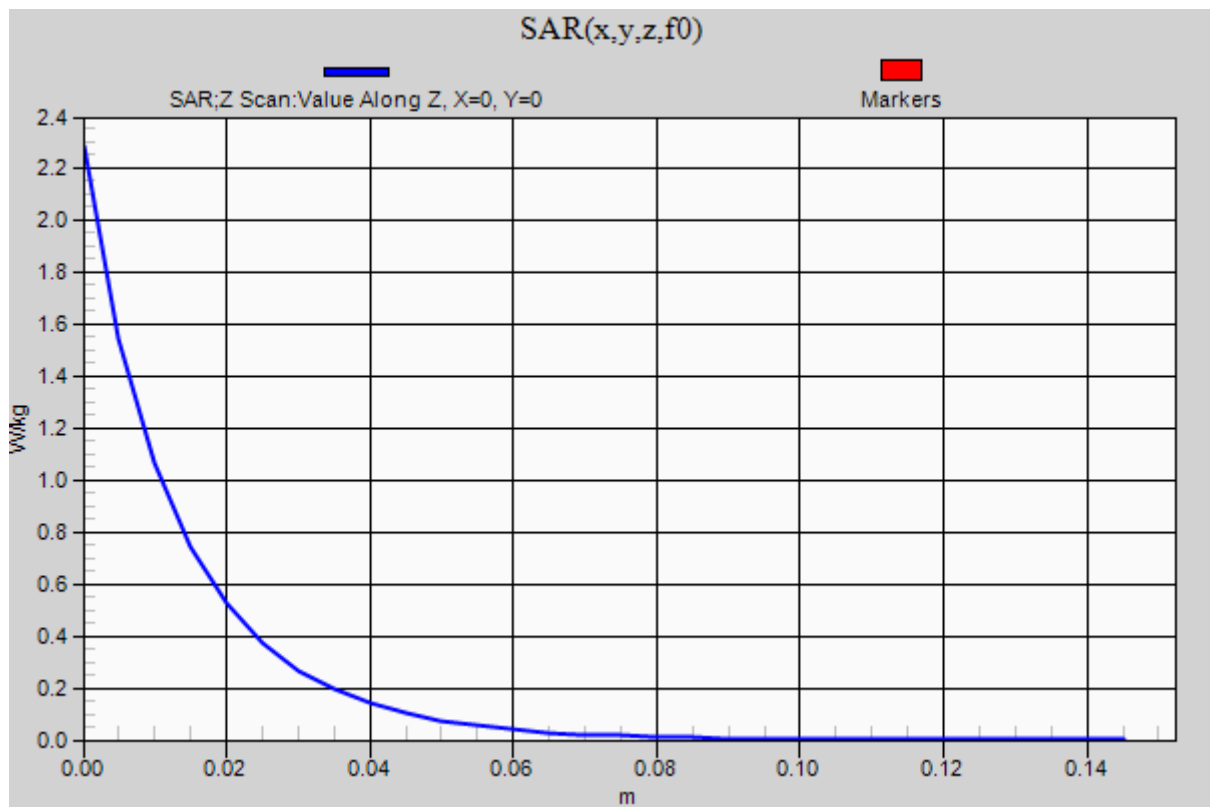
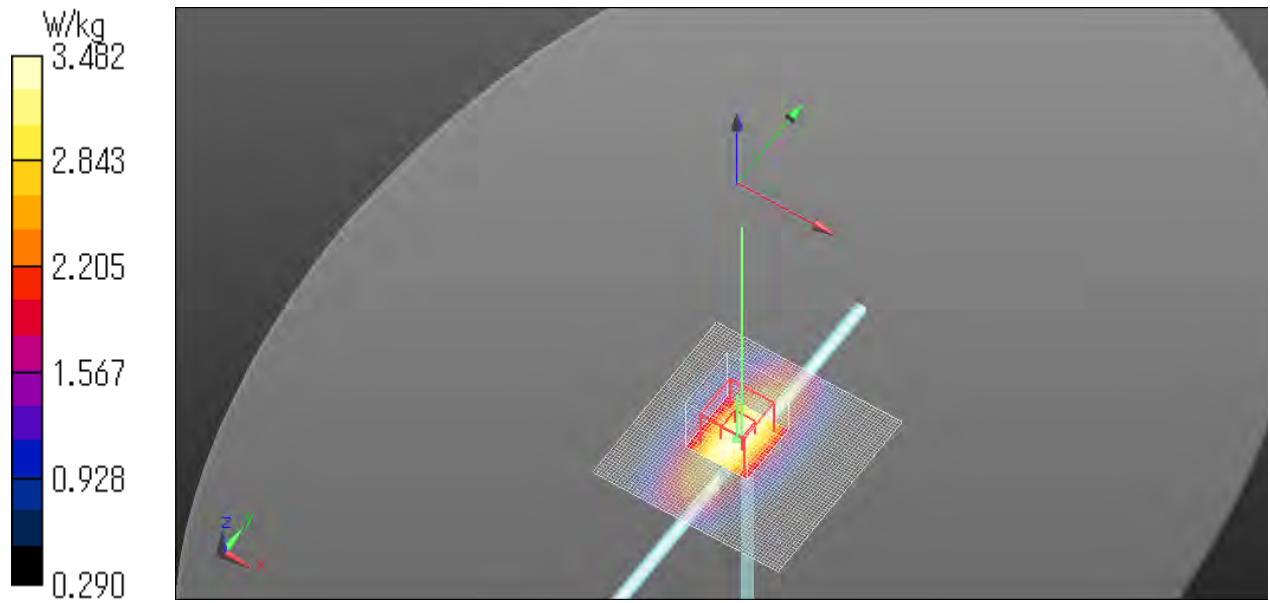
Area Scan (61x61x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
Maximum value of SAR (interpolated) = 3.40 W/kg

Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: $dx=5 \text{ mm}$, $dy=5 \text{ mm}$, $dz=5 \text{ mm}$
Reference Value = 63.61 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 3.94 W/kg
SAR(1 g) = 2.58 W/kg; SAR(10 g) = 1.68 W/kg
Smallest distance from peaks to all points 3 dB below = 18 mm
Ratio of SAR at M2 to SAR at M1 = 65.6 %
Maximum value of SAR (measured) = 3.48 W/kg

Z Scan (1x1x31): Measurement grid: $dx=20 \text{ mm}$, $dy=20 \text{ mm}$, $dz=5 \text{ mm}$
Maximum value of SAR (measured) = 2.28 W/kg

Note

Liquid temp. is kept within the 2 degree.C. during the test.



C.3 20220621 1900 MHz Ambient Temp_22.4 deg.C._Liquid Temp_22.4 deg.C

Communication System info

Communication System: UID 0, #CW (0)
Communication System Band: D1900 (1900.0 MHz)Duty Cycle: 1:1
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

Probe info:

Probe: EX3DV4 - SN3917
Calibrated: 2022/05/17
ConvF(8.18, 8.18, 8.18) @ 1900 MHz
Medium parameters used: $f = 1900$ MHz; $\sigma = 1.437$ S/m; $\epsilon_r = 39.73$; $\rho = 1000$ kg/m³
Sensor-Surface: 1.4 mm (Mechanical Surface Detection), Sensor-Surface: 0 mm (Fix Surface)

DAE info:

Electronics: DAE4 Sn1369
Calibrated: 2022/05/09

Phantom info:

Phantom: ELI v5.0 (20 deg probe tilt)
Type: QDOVA001BB
Serial: TP:1203
Phantom section: Flat Section

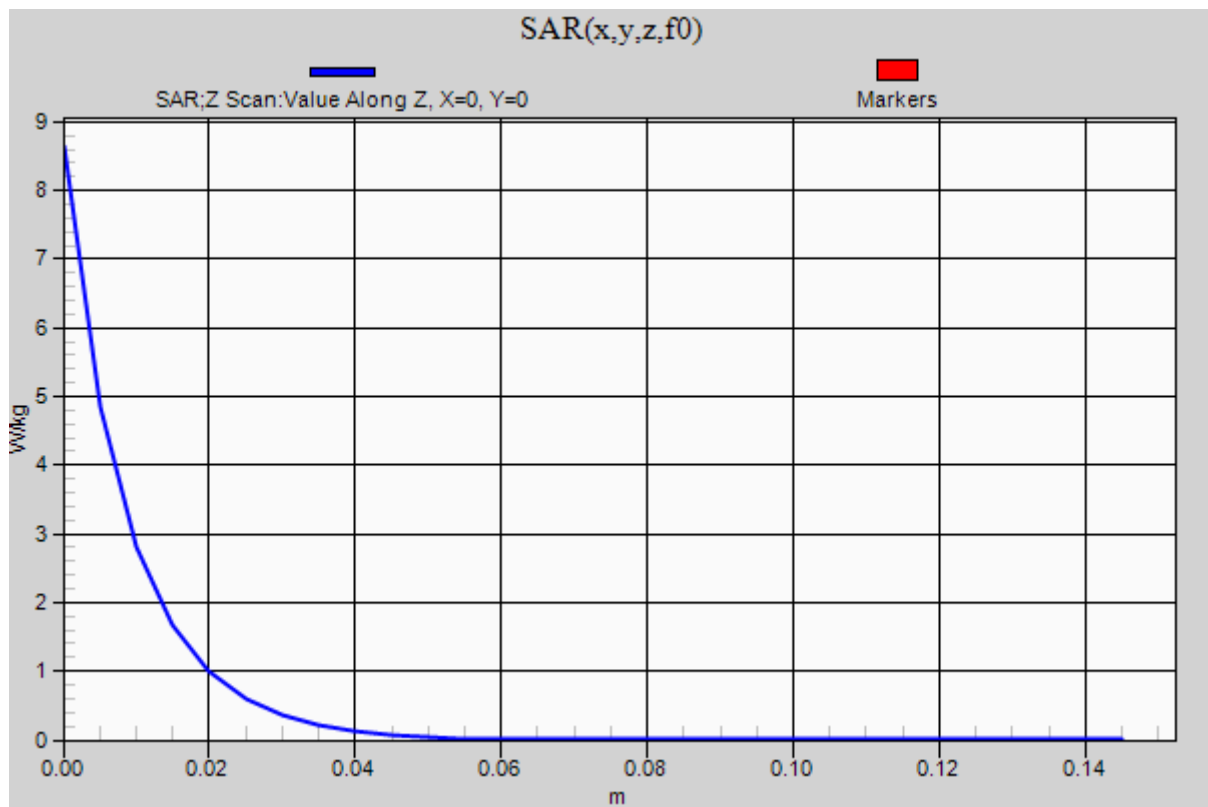
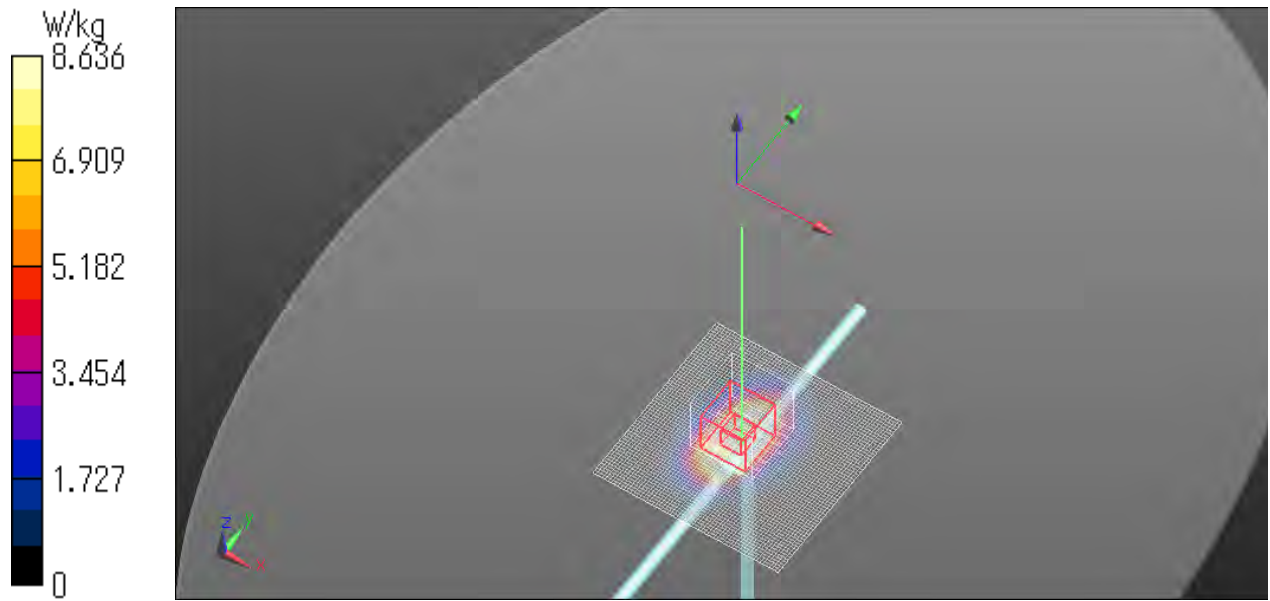
Software info DASYS2 52.10.4(1535) SEMCAD X 14.6.14(7501)

Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 15.6 W/kg

Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5 mm
Reference Value = 109.7 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 19.9 W/kg
SAR(1 g) = 10.4 W/kg; SAR(10 g) = 5.35 W/kg
Smallest distance from peaks to all points 3 dB below = 9.5 mm
Ratio of SAR at M2 to SAR at M1 = 52.6 %
Maximum value of SAR (measured) = 16.4 W/kg

Z Scan (1x1x31): Measurement grid: dx=20 mm, dy=20 mm, dz=5 mm
Maximum value of SAR (measured) = 8.64 W/kg

Note Liquid temp. is kept within the 2 degree.C. during the test.



C.4 20220627 1900 MHz Ambient Temp_21.0 deg.C._Liquid Temp_21.0 deg.C

Communication System info

Communication System: UID 0, #CW (0)
Communication System Band: D1900 (1900.0 MHz)Duty Cycle: 1:1
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

Probe info:

Probe: EX3DV4 - SN3917 / Calibrated: 2022/05/17
ConvF(8.18, 8.18, 8.18) @ 1900 MHz
Medium parameters used: $f = 1900$ MHz; $\sigma = 1.403$ S/m; $\epsilon_r = 39.209$; $\rho = 1000$ kg/m³
Sensor-Surface: 1.4 mm (Mechanical Surface Detection), Sensor-Surface: 0 mm (Fix Surface)

DAE info:

Electronics: DAE4 Sn1369 / Calibrated: 2022/05/09

Phantom info:

Phantom: ELI v5.0 (20 deg probe tilt)/Phantom section: Flat Section
Type: QDOVA001BB
Serial: TP:1203

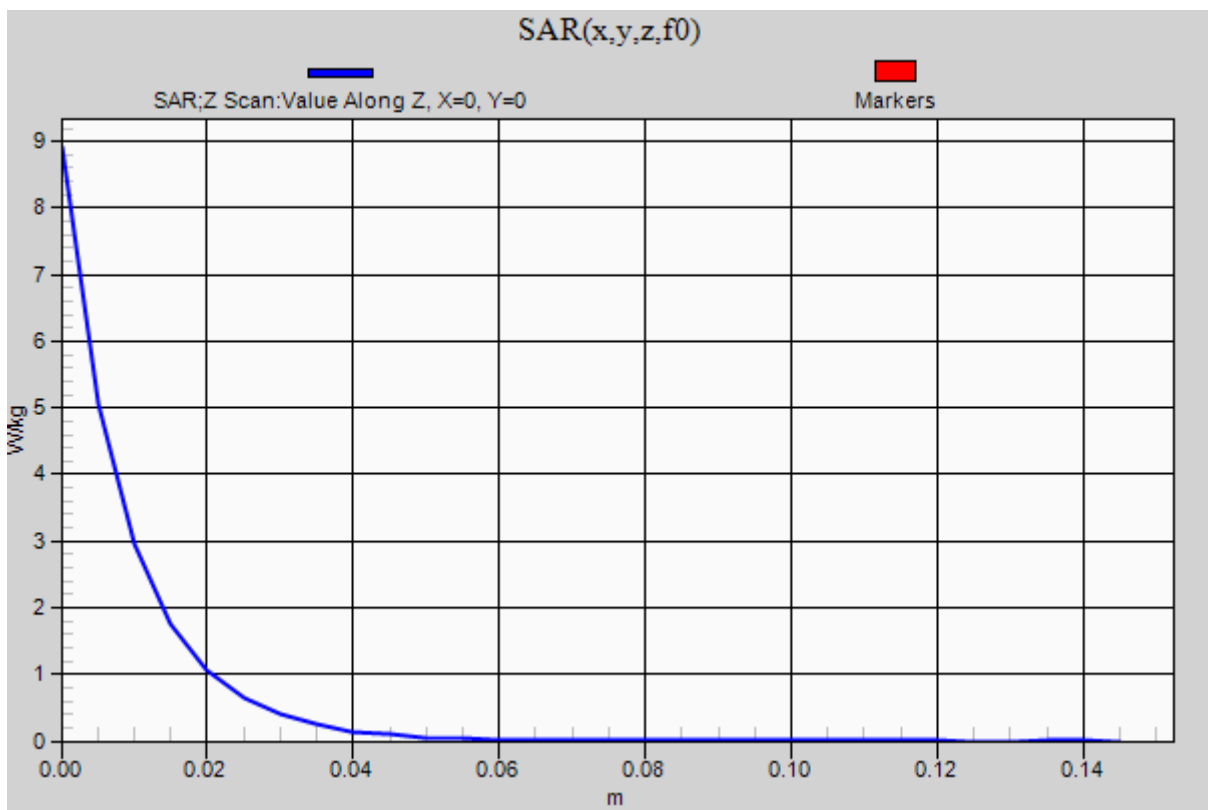
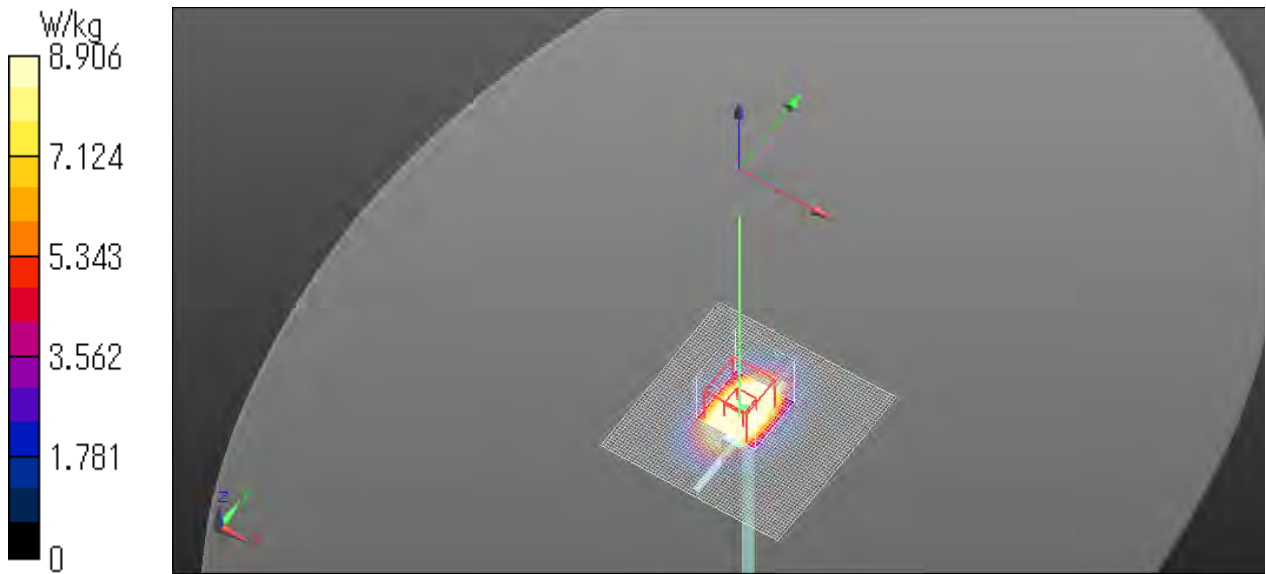
Software info DASYS2 52.10.4(1535) SEMCAD X 14.6.14(7501)

Configuration/250 mW 3/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 16.1 W/kg

Configuration/250 mW 3/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5 mm
Reference Value = 111.6 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 20.2 W/kg
SAR(1 g) = 10.7 W/kg; SAR(10 g) = 5.55 W/kg
Smallest distance from peaks to all points 3 dB below = 10 mm
Ratio of SAR at M2 to SAR at M1 = 53.6 %
Maximum value of SAR (measured) = 16.5 W/kg

Configuration/250 mW 3/Z Scan (1x1x31): Measurement grid: dx=20 mm, dy=20 mm, dz=5 mm
Maximum value of SAR (measured) = 8.91 W/kg

Note: Liquid temp. is kept within the 2 degree.C. during the test.



C.5 20220628 750 MHz Ambient Temp_23.0 deg.C._Liquid Temp_23.0 deg.C

Communication System info

Communication System: UID 0, #CW (0)
Communication System Band: D750 (750.0 MHz)Duty Cycle: 1:1
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

Probe info:

Probe: EX3DV4 - SN3825 / Calibrated: 2021/07/22
ConvF(9.79, 9.79, 9.79) @ 750 MHz
Medium parameters used: $f = 750$ MHz; $\sigma = 0.909$ S/m; $\epsilon_r = 40.312$; $\rho = 1000$ kg/m³
Sensor-Surface: 1.4 mm (Mechanical Surface Detection), Sensor-Surface: 0 mm (Fix Surface)

DAE info:

Electronics: DAE4 Sn509 / Calibrated: 2021/07/13

Phantom info:

Phantom: ELI v5.0 (20 deg probe tilt)/Phantom section: Flat Section
Type: QDOVA001BB
Serial: TP:1203

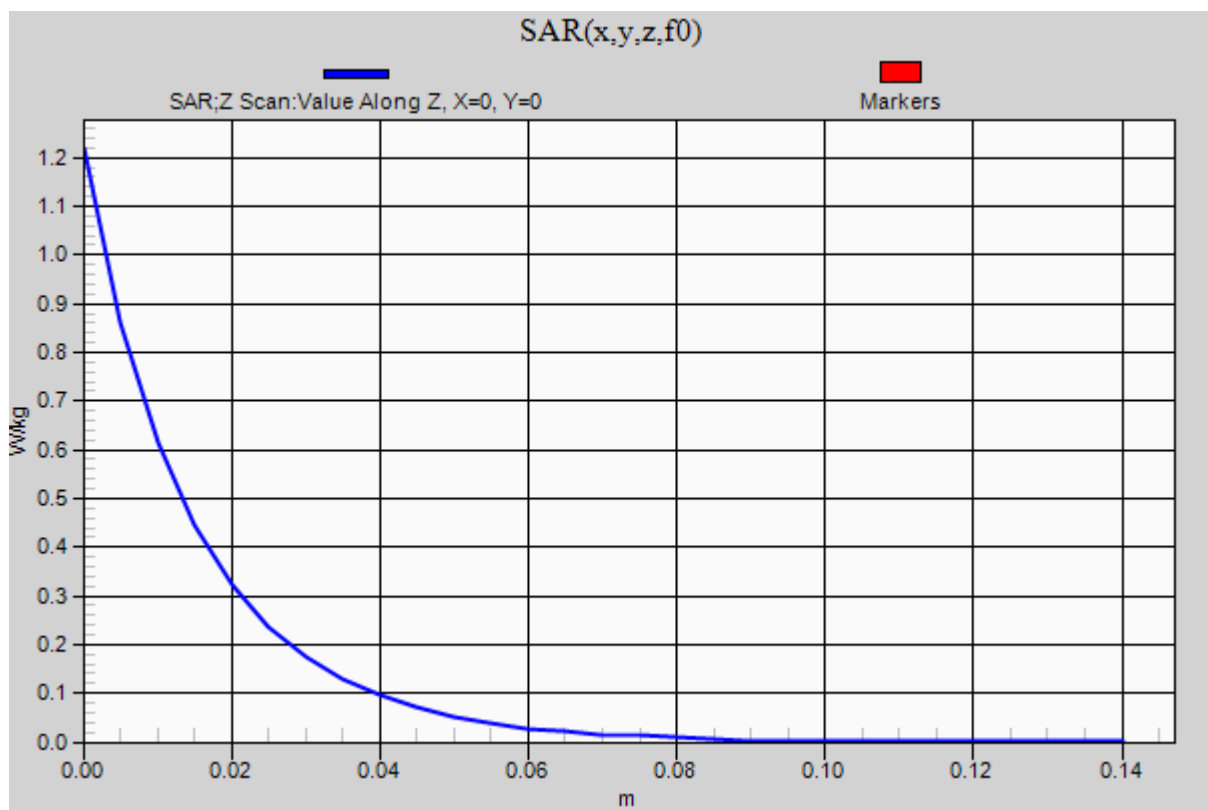
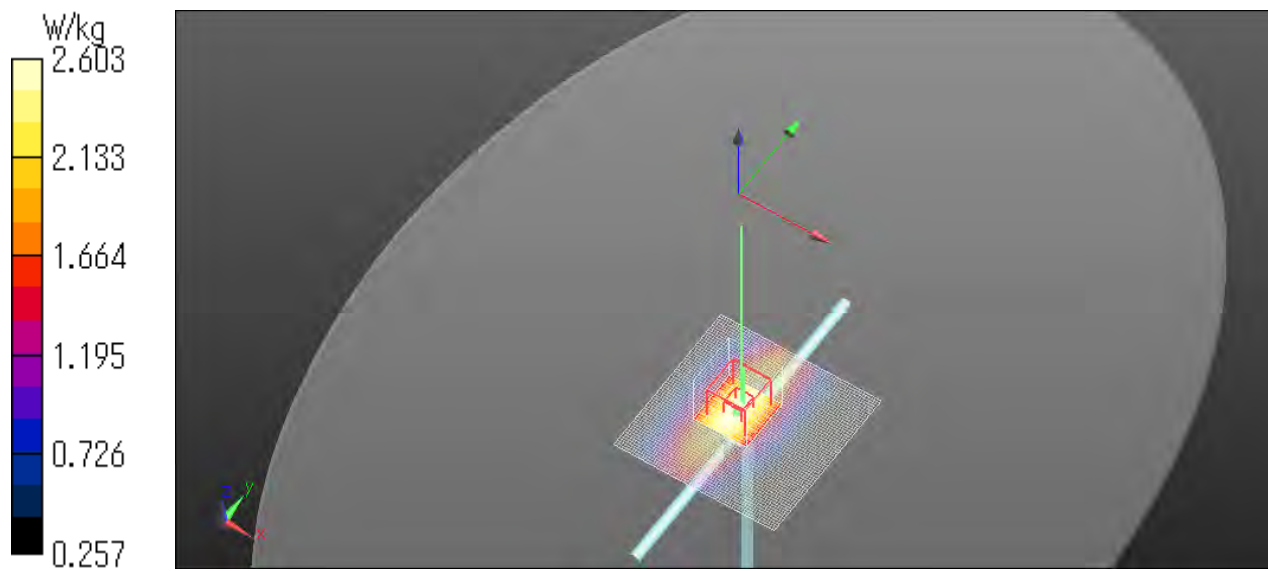
Software info DASY52 52.10.4(1535) SEMCAD X 14.6.14(7501)

Configuration/250 mW 2/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 2.56 W/kg

Configuration/250 mW 2/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5 mm
Reference Value = 55.64 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 2.93 W/kg
SAR(1 g) = 1.98 W/kg; SAR(10 g) = 1.32 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid (> 15 mm)
Ratio of SAR at M2 to SAR at M1 = 67.1 %
Maximum value of SAR (measured) = 2.60 W/kg

Configuration/250 mW 2/Z Scan 2 (1x1x29): Measurement grid: dx=20 mm, dy=20 mm, dz=5 mm
Penetration depth = 13.60 (12.66, 14.37) [mm]
Maximum value of SAR (interpolated) = 2.88 W/kg

Note: Liquid temp. is kept within the 2 degree.C. during the test.



C.6 20220704 2600 MHz Ambient Temp_18.5 deg.C_Liquid Temp_18.5 deg.C

Communication System info

Communication System: UID 0, _CW (0)
Communication System Band: D2600 (2600.0 MHz)Duty Cycle: 1:1
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

Probe info:

Probe: EX3DV4 - SN3917 / Calibrated: 2022/05/17
ConvF(7.47, 7.47, 7.47) @ 2600 MHz
Medium parameters used: $f = 2600$ MHz; $\sigma = 1.973$ S/m; $\epsilon_r = 39.444$; $\rho = 1000$ kg/m³
Sensor-Surface: 1.4 mm (Mechanical Surface Detection), Sensor-Surface: 0 mm (Fix Surface)

DAE info:

Electronics: DAE4 Sn1369 / Calibrated: 2022/05/09

Phantom info:

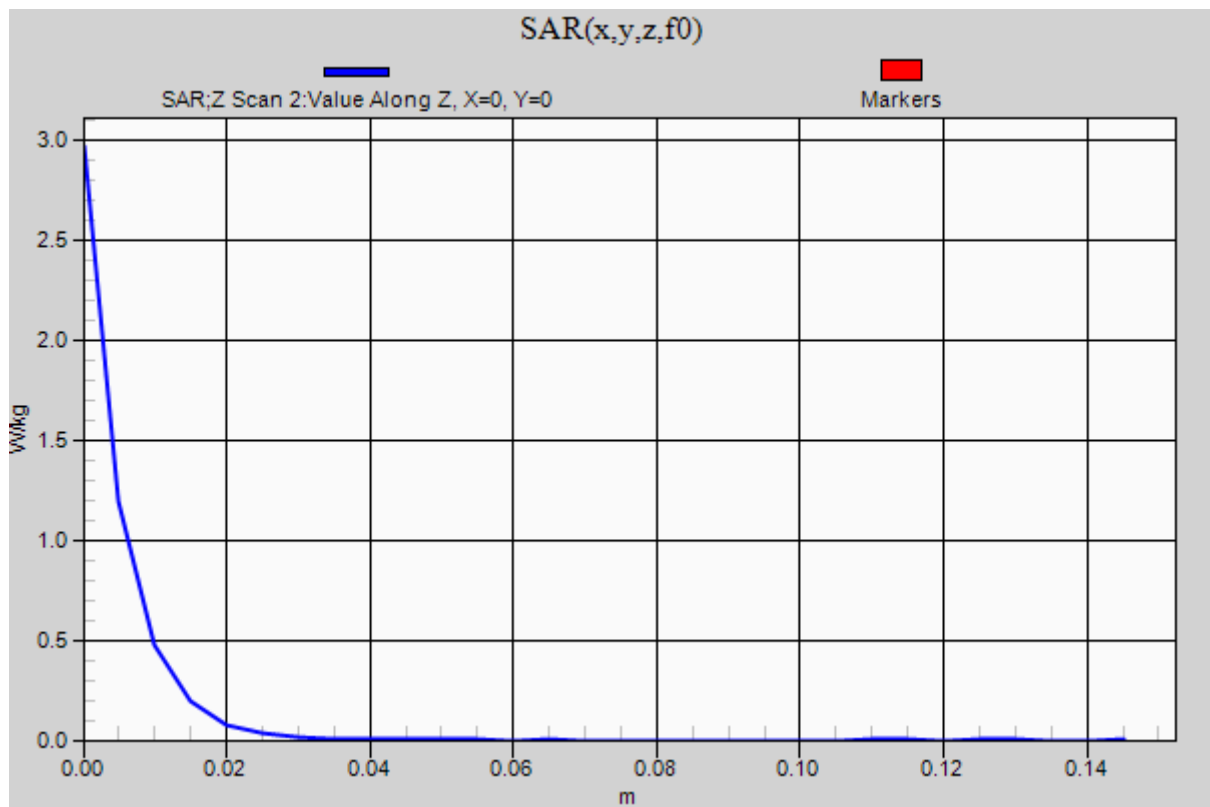
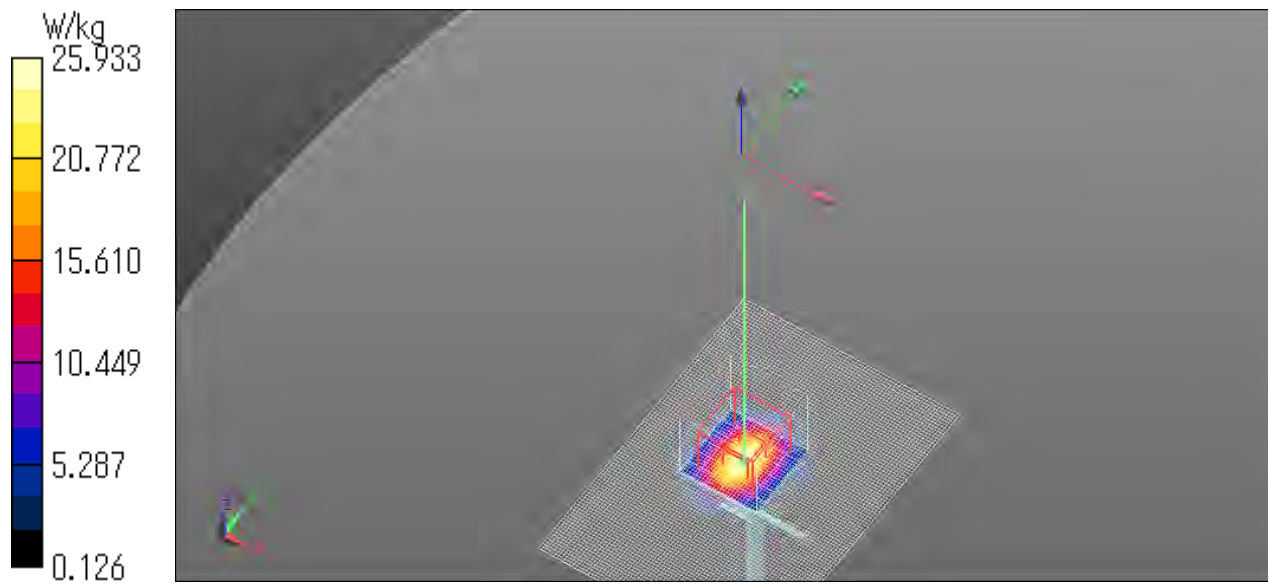
Phantom: ELI v5.0 (20 deg probe tilt)/Phantom section: Flat Section
Type: QDOVA001BB
Serial: TP:1203
Software info DASYS 52.10.4(1535) SEMCAD X 14.6.14(7501)

Configuration/2600 MHz/Area Scan (71x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 27.8 W/kg

Configuration/2600 MHz/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5 mm
Reference Value = 117.5 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 33.0 W/kg
SAR(1 g) = 15 W/kg; SAR(10 g) = 6.73 W/kg
Smallest distance from peaks to all points 3 dB below = 9 mm
Ratio of SAR at M2 to SAR at M1 = 45.5 %
Maximum value of SAR (measured) = 25.9 W/kg

Configuration/2600 MHz/Z Scan 2 (1x1x31): Measurement grid: dx=20 mm, dy=20 mm, dz=5 mm
Maximum value of SAR (measured) = 2.96 W/kg

Note: Liquid temp. is kept within the 2 degree.C. during the test.



C.7 20220704 3500 MHz Ambient Temp_18.5 deg.C_Liquid Temp_18.5 deg.C

Communication System info

Communication System: UID 0, _CW (0)
Communication System Band: D3500 (3500.0 MHz)Duty Cycle: 1:1
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

Probe info:

Probe: EX3DV4 - SN3917 / Calibrated: 2022/05/17
ConvF(6.8, 6.8, 6.8) @ 3500 MHz
Medium parameters used: $f = 3500$ MHz; $\sigma = 2.803$ S/m; $\epsilon_r = 37.862$; $\rho = 1000$ kg/m³
Sensor-Surface: 1.4 mm (Mechanical Surface Detection)

DAE info:

Electronics: DAE4 Sn1369 / Calibrated: 2022/05/09

Phantom info:

Phantom: ELI v5.0 (20 deg probe tilt)/Phantom section: Flat Section
Type: QDOVA001BB
Serial: TP:1203

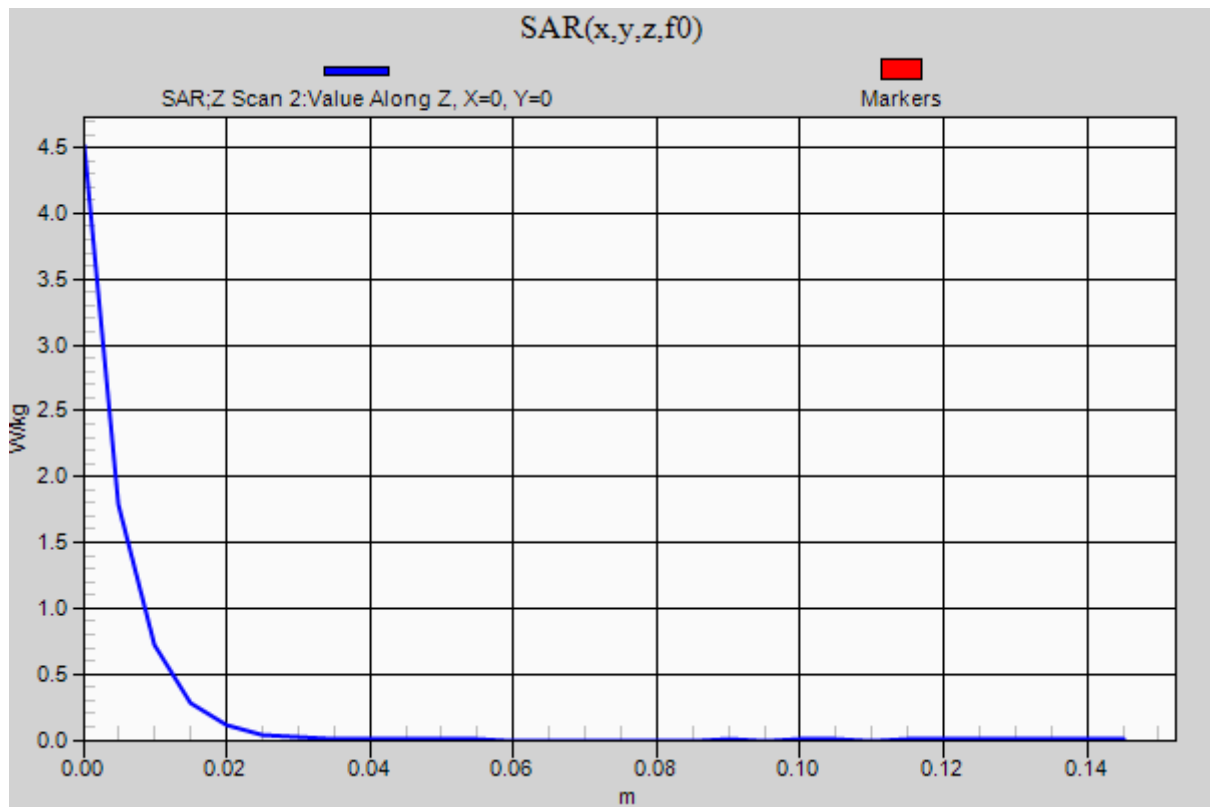
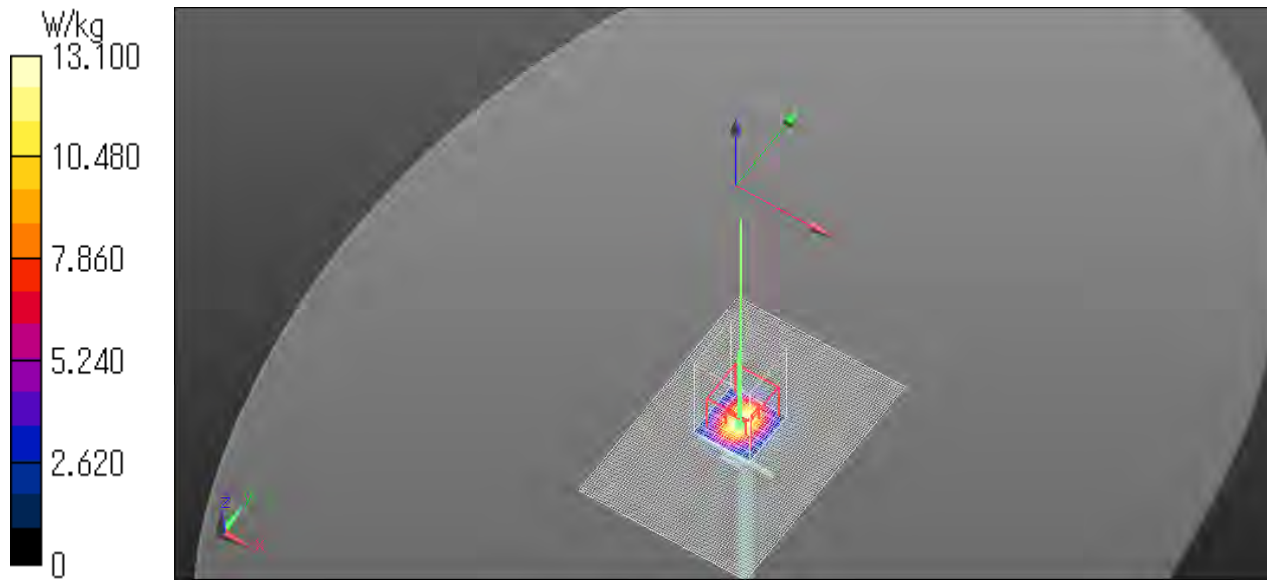
Software info DASYS2 52.10.4(1535) SEMCAD X 14.6.14(7501)

Configuration 2/3500 MHz/Area Scan (71x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 14.5 W/kg

Configuration 2/3500 MHz/Zoom Scan (8x8x9)/Cube 0: Measurement grid: dx=4 mm, dy=4 mm, dz=1.4 mm
Reference Value = 73.04 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 18.4 W/kg
SAR(1 g) = 7.02 W/kg; SAR(10 g) = 2.7 W/kg
Smallest distance from peaks to all points 3 dB below = 8.6 mm
Ratio of SAR at M2 to SAR at M1 = 75.6 %
Maximum value of SAR (measured) = 13.1 W/kg

Configuration 2/3500 MHz/Z Scan (1x1x18): Measurement grid: dx=20 mm, dy=20 mm, dz=5 mm
Maximum value of SAR (interpolated) = 17.5 W/kg

Note: Liquid temp. is kept within the 2 degree.C. during the test.



C.8 20220711 835 MHz Ambient Temp_21.0 deg.C._Liquid Temp_20.7 deg.C

Communication System info

Communication System: UID 0, #CW (0)
Communication System Band: D835 (835.0 MHz)Duty Cycle: 1:1
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

Probe info:

Probe: EX3DV4 - SN3745 / Calibrated: 2022/04/19
ConvF(8.97, 8.97, 8.97) @ 835 MHz
Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 0.914 \text{ S/m}$; $\epsilon_r = 42.206$; $\rho = 1000 \text{ kg/m}^3$
Sensor-Surface: 1.4 mm (Mechanical Surface Detection)

DAE info:

Electronics: DAE4 Sn554 / Calibrated: 2022/04/14

Phantom info:

Phantom: ELI v5.0 (20 deg probe tilt)/Phantom section: Flat Section
Type: QDOVA001BB
Serial: TP:1203

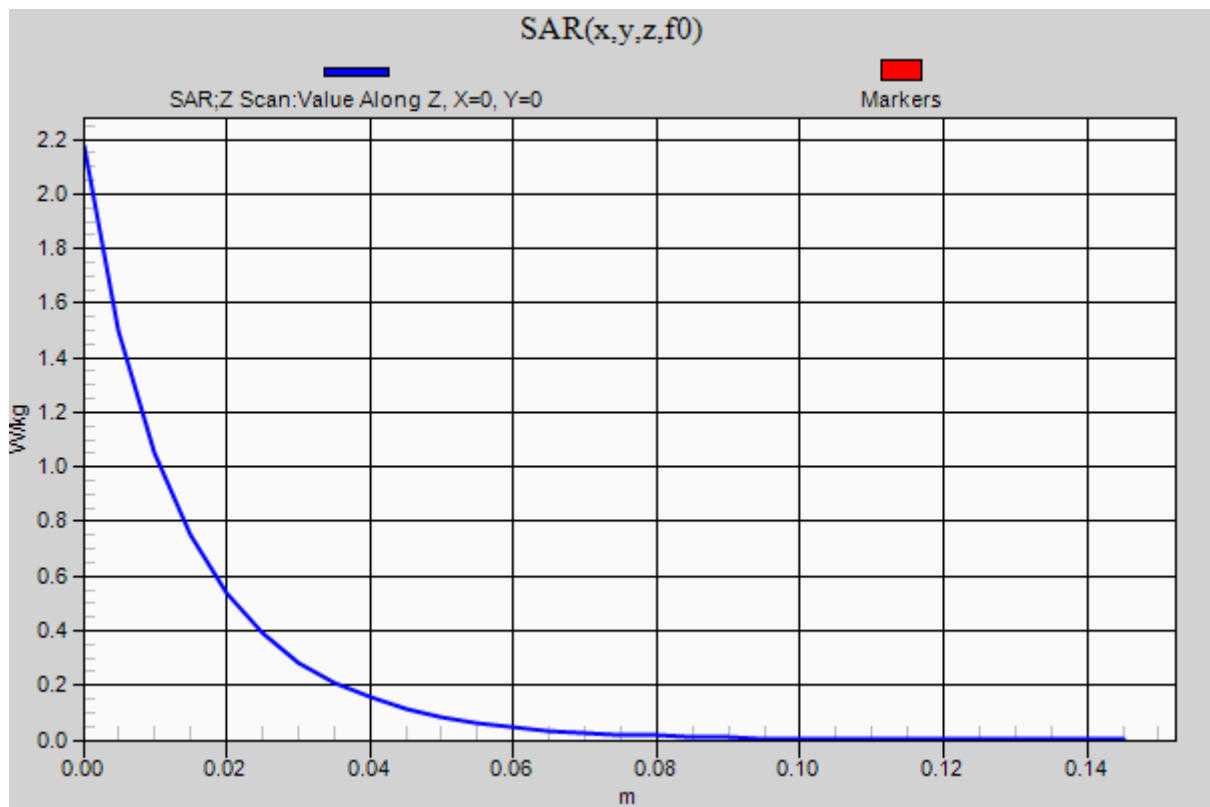
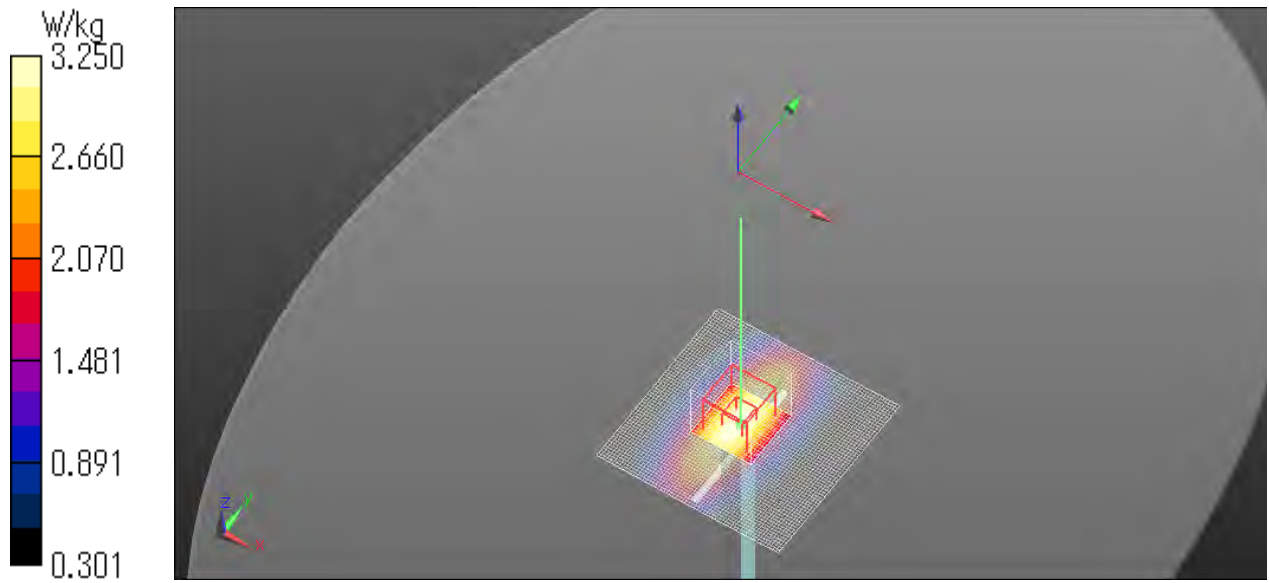
Software info DASYS 52.10.4(1535) SEMCAD X 14.6.14(7501)

Configuration/250 mW/Area Scan (61x61x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
Maximum value of SAR (interpolated) = 3.28 W/kg

Configuration/250 mW/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: $dx=5 \text{ mm}$, $dy=5 \text{ mm}$, $dz=5 \text{ mm}$
Reference Value = 62.91 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 3.68 W/kg
SAR(1 g) = 2.46 W/kg; SAR(10 g) = 1.62 W/kg
Smallest distance from peaks to all points 3 dB below = 18.4 mm
Ratio of SAR at M2 to SAR at M1 = 67 %
Maximum value of SAR (measured) = 3.25 W/kg

Configuration/250 mW/Z Scan_offset y=20mm 2 (1x1x29): Measurement grid: $dx=20 \text{ mm}$, $dy=20 \text{ mm}$, $dz=5 \text{ mm}$
Maximum value of SAR (interpolated) = 1.34 W/kg

Note: Liquid temp. is kept within the 2 degree.C. during the test.



C.9 20220719 2600 MHz Ambient Temp_20.5 deg.C._Liquid Temp_20.3 deg.C

Communication System info

Communication System: UID 0, _CW (0)
Communication System Band: D2600 (2600.0 MHz)Duty Cycle: 1:1
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

Probe info:

Probe: EX3DV4 - SN3745 / Calibrated: 2022/04/19
ConvF(6.73, 6.73, 6.73) @ 2600 MHz
Medium parameters used: $f = 2600$ MHz; $\sigma = 1.901$ S/m; $\epsilon_r = 39.981$; $\rho = 1000$ kg/m³
Sensor-Surface: 1.4 mm (Mechanical Surface Detection)

DAE info:

Electronics: DAE4 Sn554 / Calibrated: 2022/04/14

Phantom info:

Phantom: ELI v5.0 (20 deg probe tilt)/Phantom section: Flat Section
Type: QDOVA001BB
Serial: TP:1203

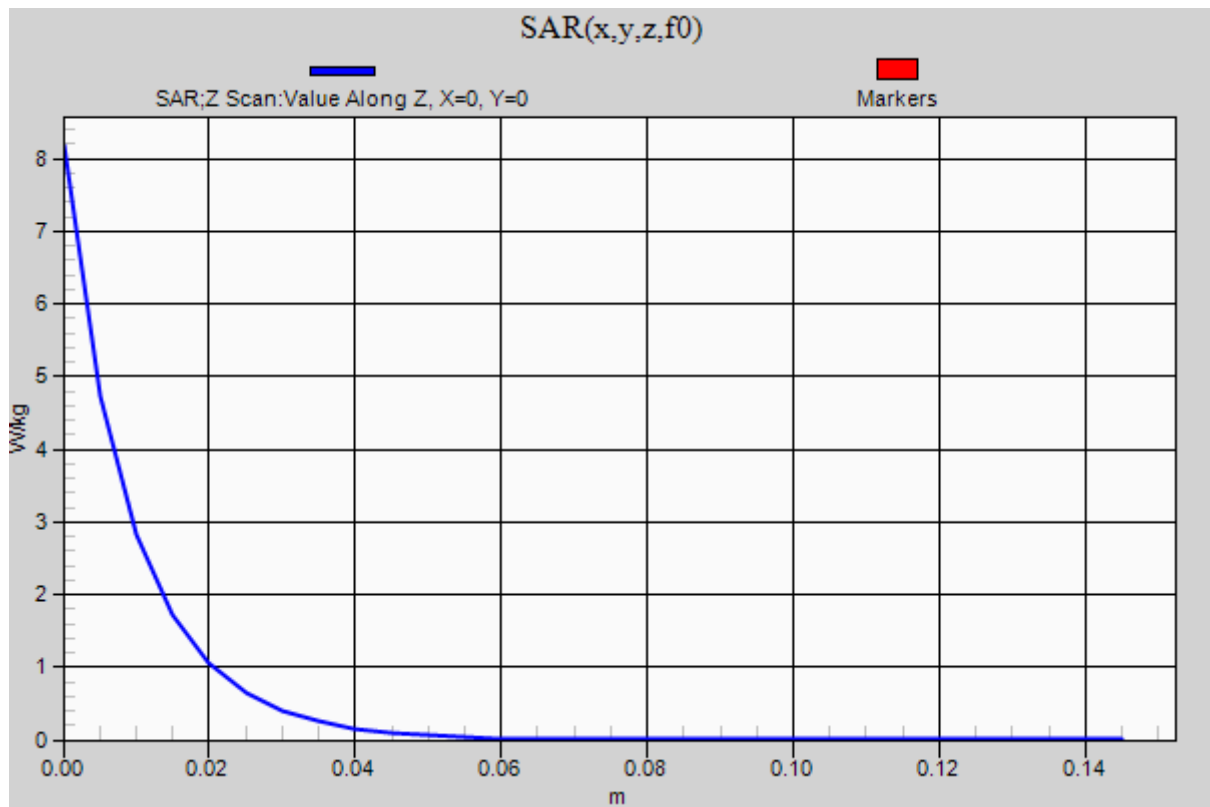
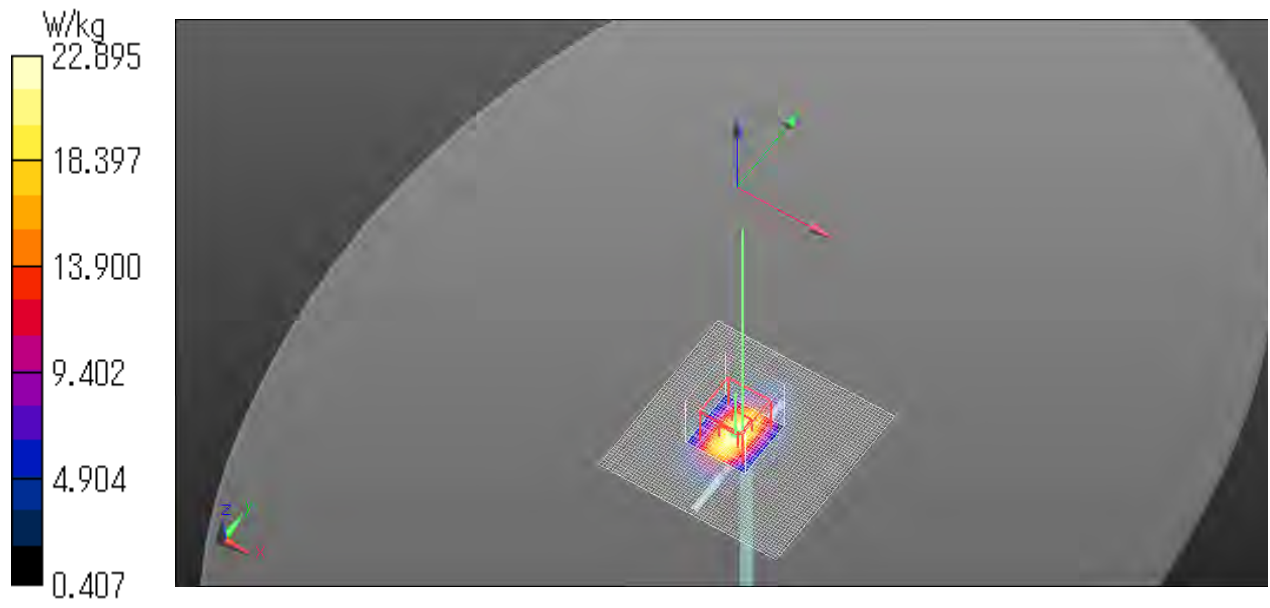
Software info DASYS2 52.10.4(1535) SEMCAD X 14.6.14(7501)

Configuration/250 mW 1/Area Scan (71x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 22.7 W/kg

Configuration/250 mW 1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5 mm
Reference Value = 113.3 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 28.1 W/kg
SAR(1 g) = 13.3 W/kg; SAR(10 g) = 6.01 W/kg
Smallest distance from peaks to all points 3 dB below = 9 mm
Ratio of SAR at M2 to SAR at M1 = 48.4 %
Maximum value of SAR (measured) = 22.4 W/kg

Configuration/250 mW 1/Z Scan (1x1x7): Measurement grid: dx=20 mm, dy=20 mm, dz=5 mm
Maximum value of SAR (measured) = 22.9 W/kg

Note: Liquid temp. is kept within the 2 degree.C. during the test.



C.10 20220725 750 MHz Ambient Temp_20.5 deg.C._Liquid Temp_20.3 deg.C

Communication System info

Communication System: UID 0, #CW (0)
Communication System Band: D750 (750.0 MHz)Duty Cycle: 1:1
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

Probe info:

Probe: EX3DV4 - SN3745 / Calibrated: 2022/04/19
ConvF(9.35, 9.35, 9.35) @ 750 MHz
Medium parameters used: $f = 750$ MHz; $\sigma = 0.846$ S/m; $\epsilon_r = 42.479$; $\rho = 1000$ kg/m³
Sensor-Surface: 1.4 mm (Mechanical Surface Detection), Sensor-Surface: 0 mm (Fix Surface)

DAE info:

Electronics: DAE4 Sn554 / Calibrated: 2022/04/14

Phantom info:

Phantom: ELI v5.0 (20 deg probe tilt)/Phantom section: Flat Section
Type: QDOVA001BB
Serial: TP:1203

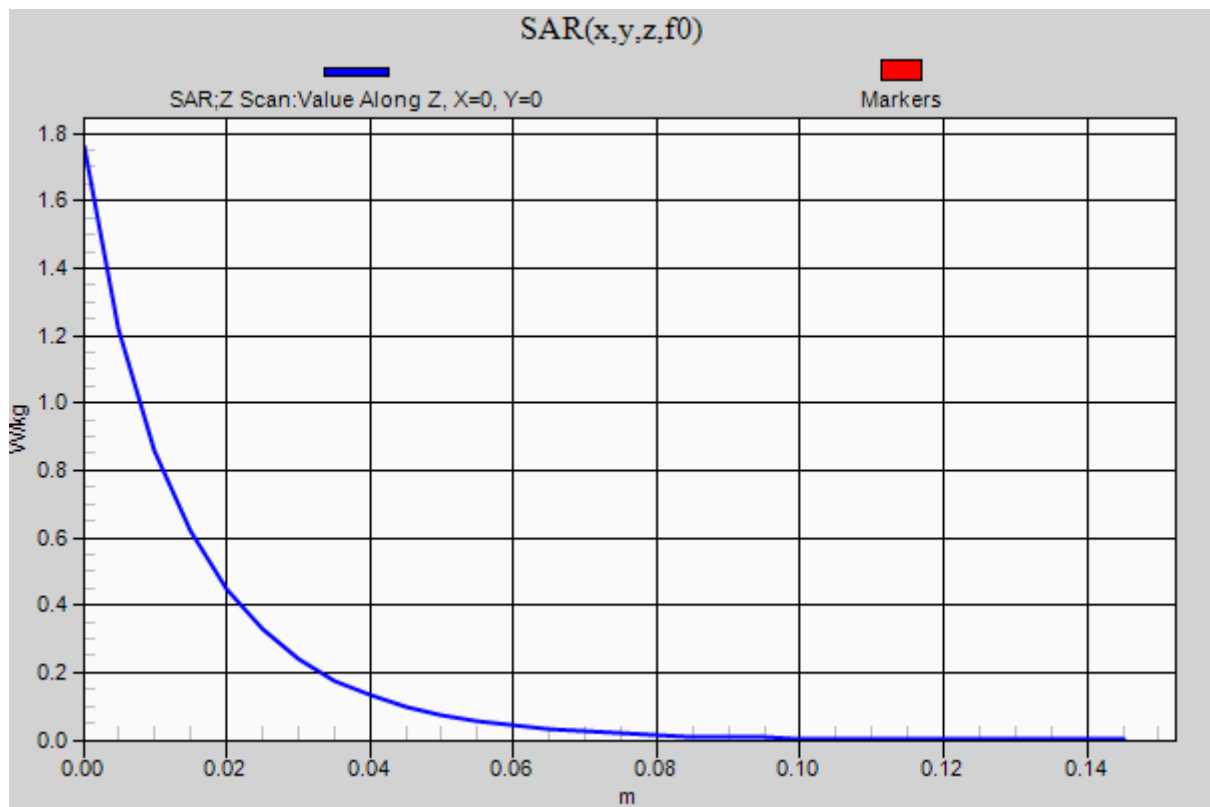
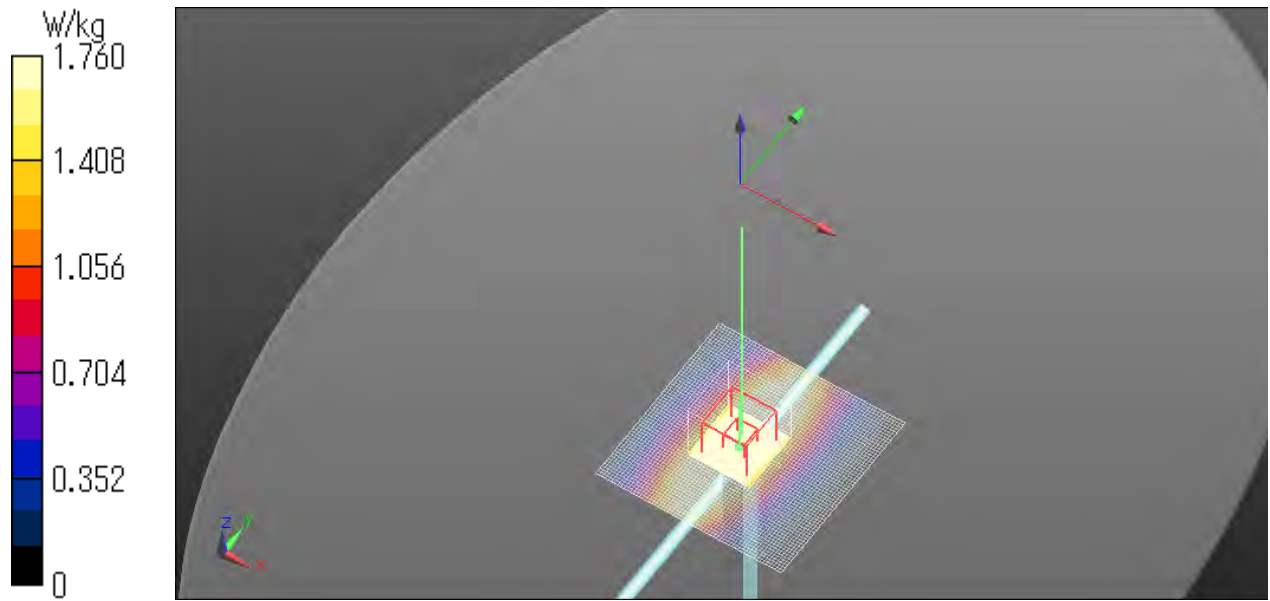
Software info DASYS 52.10.4(1535) SEMCAD X 14.6.14(7501)

Configuration/250 mW 2/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 2.60 W/kg

Configuration/250 mW 2/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5 mm
Reference Value = 58.47 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 3.00 W/kg
SAR(1 g) = 2 W/kg; SAR(10 g) = 1.33 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 21.2 mm
Ratio of SAR at M2 to SAR at M1 = 66.7 %
Maximum value of SAR (measured) = 2.66 W/kg

Configuration/250 mW 2/Z Scan (1x1x31): Measurement grid: dx=20 mm, dy=20 mm, dz=5 mm
Maximum value of SAR (measured) = 1.76 W/kg

Note: Liquid temp. is kept within the 2 degree.C. during the test.



C.11 20220725 1750 MHz Ambient Temp_20.5 deg.C._Liquid Temp_20.3 deg.C

Communication System info

Communication System: UID 0, _CW (0)
Communication System Band: D1750 (1750.0 MHz)Duty Cycle: 1:1
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

Probe info:

Probe: EX3DV4 - SN3745 / Calibrated: 2022/04/19
ConvF(7.64, 7.64, 7.64) @ 1750 MHz
Medium parameters used: $f = 1750$ MHz; $\sigma = 1.312$ S/m; $\epsilon_r = 40.459$; $\rho = 1000$ kg/m³
Sensor-Surface: 1.4 mm (Mechanical Surface Detection), Sensor-Surface: 0 mm (Fix Surface)

DAE info:

Electronics: DAE4 Sn554 / Calibrated: 2022/04/14

Phantom info:

Phantom: ELI v5.0 (20 deg probe tilt)/Phantom section: Flat Section
Type: QDOVA001BB
Serial: TP:1203

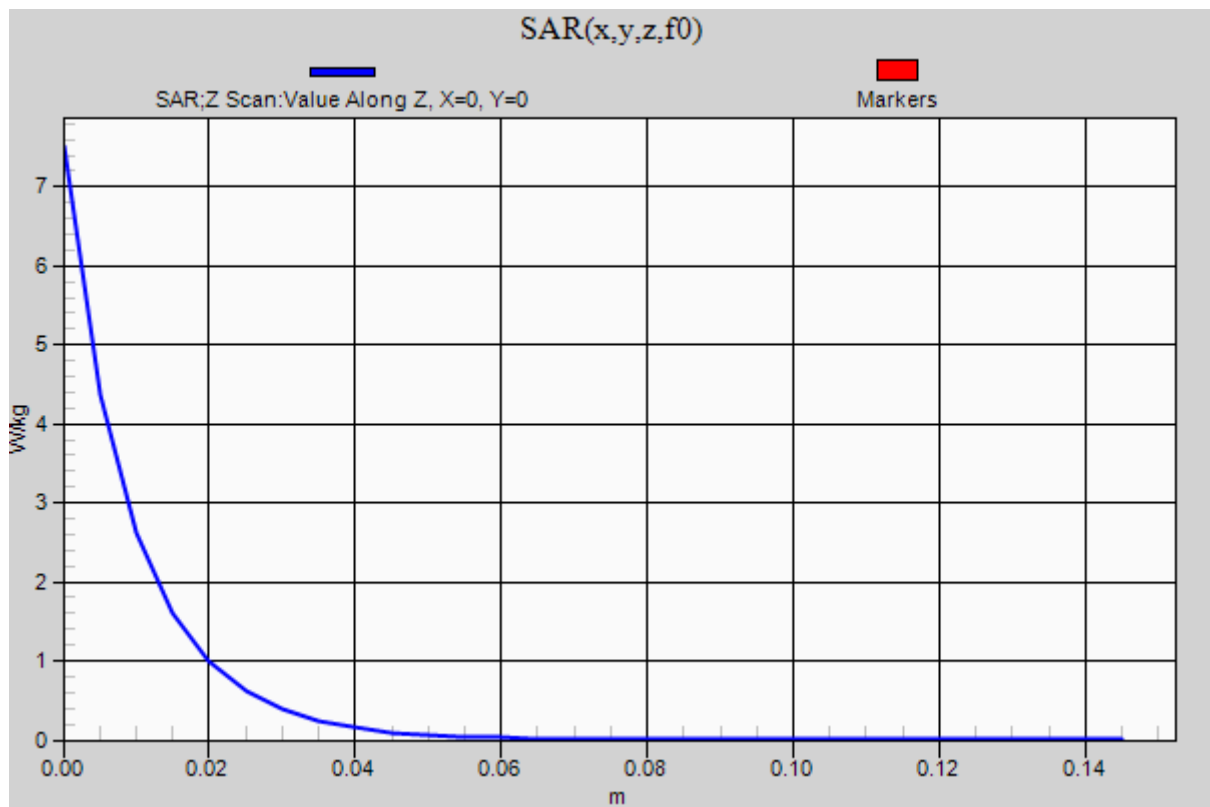
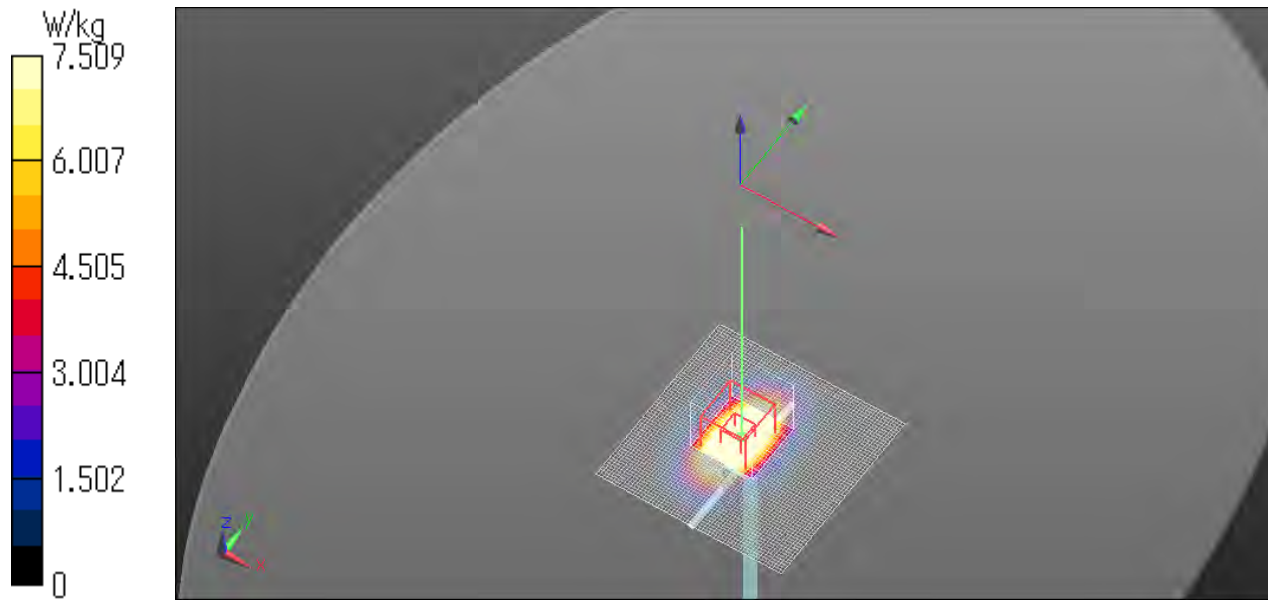
Software info DASYS 52.10.4(1535) SEMCAD X 14.6.14(7501)

Configuration/250 mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 13.3 W/kg

Configuration/250 mW/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5 mm
Reference Value = 105.9 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 16.0 W/kg
SAR(1 g) = 8.83 W/kg; SAR(10 g) = 4.74 W/kg
Smallest distance from peaks to all points 3 dB below = 10 mm
Ratio of SAR at M2 to SAR at M1 = 55.9 %
Maximum value of SAR (measured) = 13.4 W/kg

Configuration/250 mW/Z Scan (1x1x31): Measurement grid: dx=20 mm, dy=20 mm, dz=5 mm
Maximum value of SAR (measured) = 7.51 W/kg

Note: Liquid temp. is kept within the 2 degree.C. during the test.



C.12 20220801 750 MHz Ambient Temp_22.0 deg.C._Liquid Temp_22.0 deg.C

Communication System info

Communication System: UID 0, #CW (0)
Communication System Band: D750 (750.0 MHz)Duty Cycle: 1:1
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

Probe info:

Probe: EX3DV4 - SN3745 / Calibrated: 2022/04/19
ConvF(9.35, 9.35, 9.35) @ 750 MHz
Medium parameters used: $f = 750$ MHz; $\sigma = 0.862$ S/m; $\epsilon_r = 41.792$; $\rho = 1000$ kg/m³
Sensor-Surface: 1.4 mm (Mechanical Surface Detection)

DAE info:

Electronics: DAE4 Sn1372 / Calibrated: 2022/04/11

Phantom info:

Phantom: ELI v5.0 (20 deg probe tilt)/Phantom section: Flat Section
Type: QDOVA001BB
Serial: TP:1203

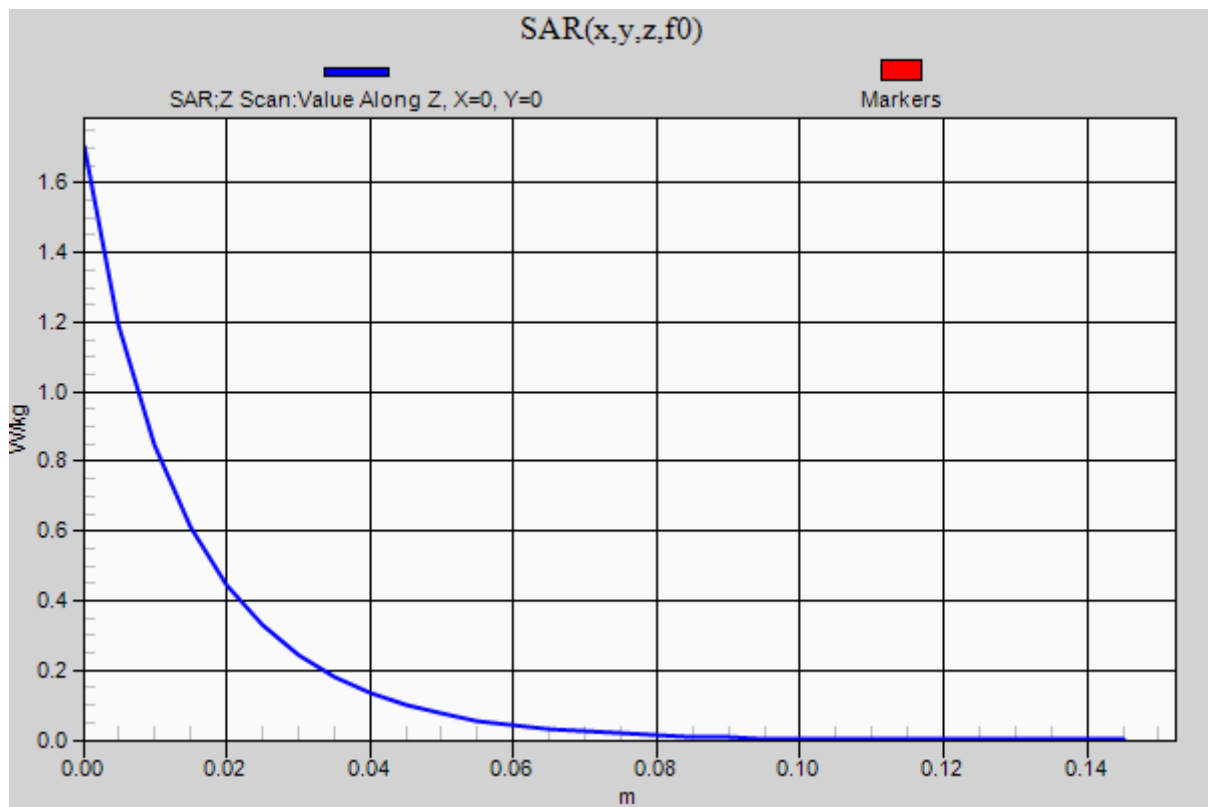
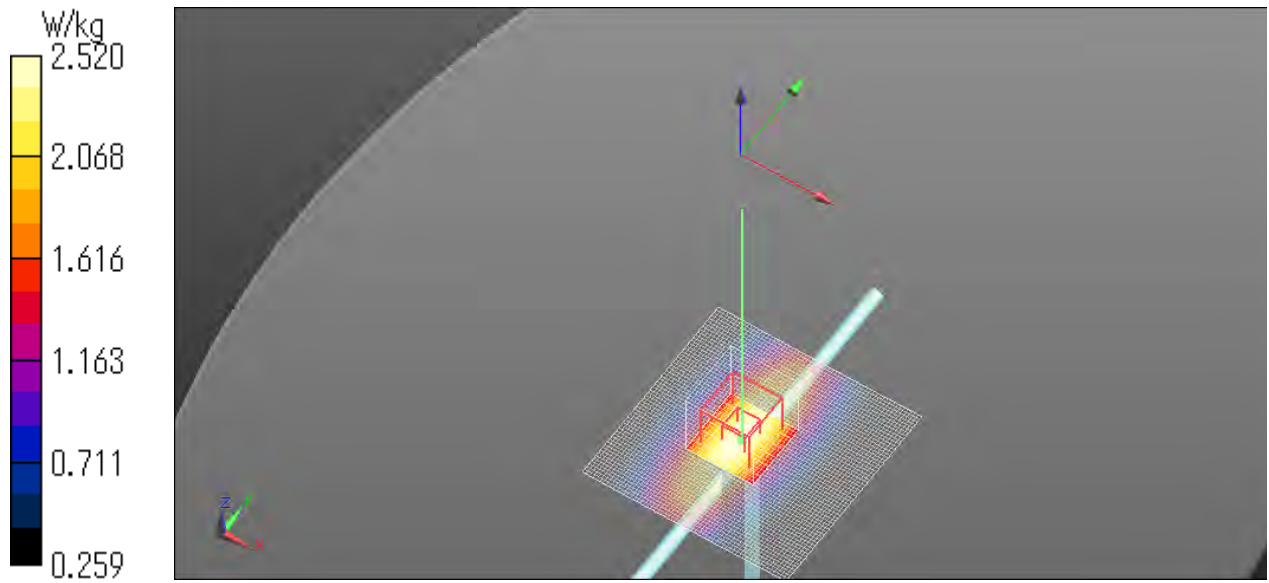
Software info DASY52 52.10.4(1535) SEMCAD X 14.6.14(7501)

Configuration/250 mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 2.48 W/kg

Configuration/250 mW/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5 mm
Reference Value = 56.49 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 2.83 W/kg
SAR(1 g) = 1.96 W/kg; SAR(10 g) = 1.31 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid (> 15 mm)
Ratio of SAR at M2 to SAR at M1 = 67.5 %
Maximum value of SAR (measured) = 2.52 W/kg

Configuration/250 mW/Z Scan 2 (1x1x29): Measurement grid: dx=20 mm, dy=20 mm, dz=5 mm
Maximum value of SAR (interpolated) = 2.80 W/kg

Note: Liquid temp. is kept within the 2 degree.C. during the test.



C.13 20220801 835 MHz Ambient Temp_22.0 deg.C._Liquid Temp_22.0 deg.C

Communication System info

Communication System: UID 0, #CW (0)
Communication System Band: D835 (835.0 MHz)Duty Cycle: 1:1
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

Probe info:

Probe: EX3DV4 - SN3745 / Calibrated: 2022/04/19
ConvF(8.97, 8.97, 8.97) @ 835 MHz
Medium parameters used: $f = 835$ MHz; $\sigma = 0.883$ S/m; $\epsilon_r = 41.267$; $\rho = 1000$ kg/m³
Sensor-Surface: 1.4 mm (Mechanical Surface Detection), Sensor-Surface: 0 mm (Fix Surface)

DAE info:

Electronics: DAE4 Sn1372 / Calibrated: 2022/04/11

Phantom info:

Phantom: ELI v5.0 (20 deg probe tilt)/Phantom section: Flat Section
Type: QDOVA001BB
Serial: TP:1203

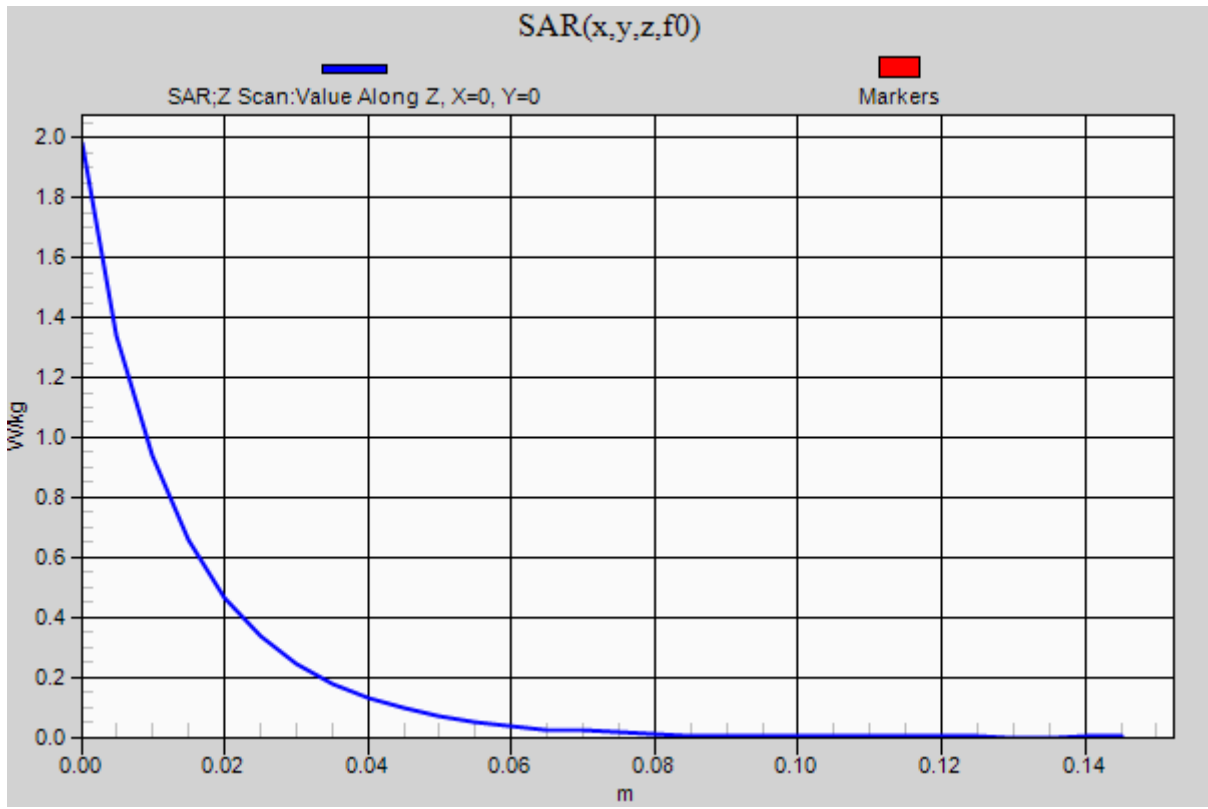
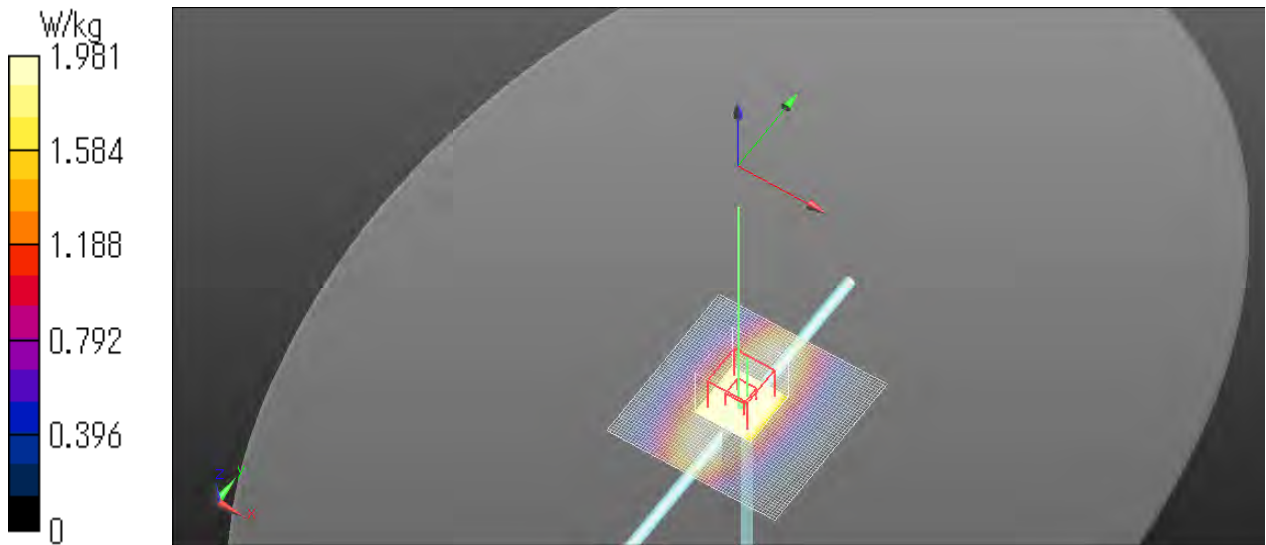
Software info DASYS 52.10.4(1535) SEMCAD X 14.6.14(7501)

Configuration/250 mW 2/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 2.90 W/kg

Configuration/250 mW 2/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5mm
Reference Value = 61.00 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 3.34 W/kg
SAR(1 g) = 2.26 W/kg; SAR(10 g) = 1.48 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 17.1 mm
Ratio of SAR at M2 to SAR at M1 = 66.3 %
Maximum value of SAR (measured) = 2.97 W/kg

Configuration/250 mW 2/Z Scan (1x1x31): Measurement grid: dx=20 mm, dy=20 mm, dz=5 mm
Maximum value of SAR (measured) = 1.98 W/kg

Note: Liquid temp. is kept within the 2 degree.C. during the test.



C.14 20220801 1900 MHz Ambient Temp_22.0 deg.C._Liquid Temp_22.0 deg.C

Communication System info

Communication System: UID 0, #CW (0)
Communication System Band: D1900 (1900.0 MHz)Duty Cycle: 1:1
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

Probe info:

Probe: EX3DV4 - SN3745 / Calibrated: 2022/04/19
ConvF(7.53, 7.53, 7.53) @ 1900 MHz
Medium parameters used: $f = 1900$ MHz; $\sigma = 1.415$ S/m; $\epsilon_r = 40.148$; $\rho = 1000$ kg/m³
Sensor-Surface: 1.4 mm (Mechanical Surface Detection)

DAE info:

Electronics: DAE4 Sn1372 / Calibrated: 2022/04/11

Phantom info:

Phantom: ELI v5.0 (20 deg probe tilt)/Phantom section: Flat Section
Type: QDOVA001BB
Serial: TP:1203

Software info DASYS2 52.10.4(1535) SEMCAD X 14.6.14(7501)

Configuration 2/250 mW 3/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 14.6 W/kg

Configuration 2/250 mW 3/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5 mm

Reference Value = 106.6 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 18.0 W/kg

SAR(1 g) = 9.62 W/kg; SAR(10 g) = 5.03 W/kg

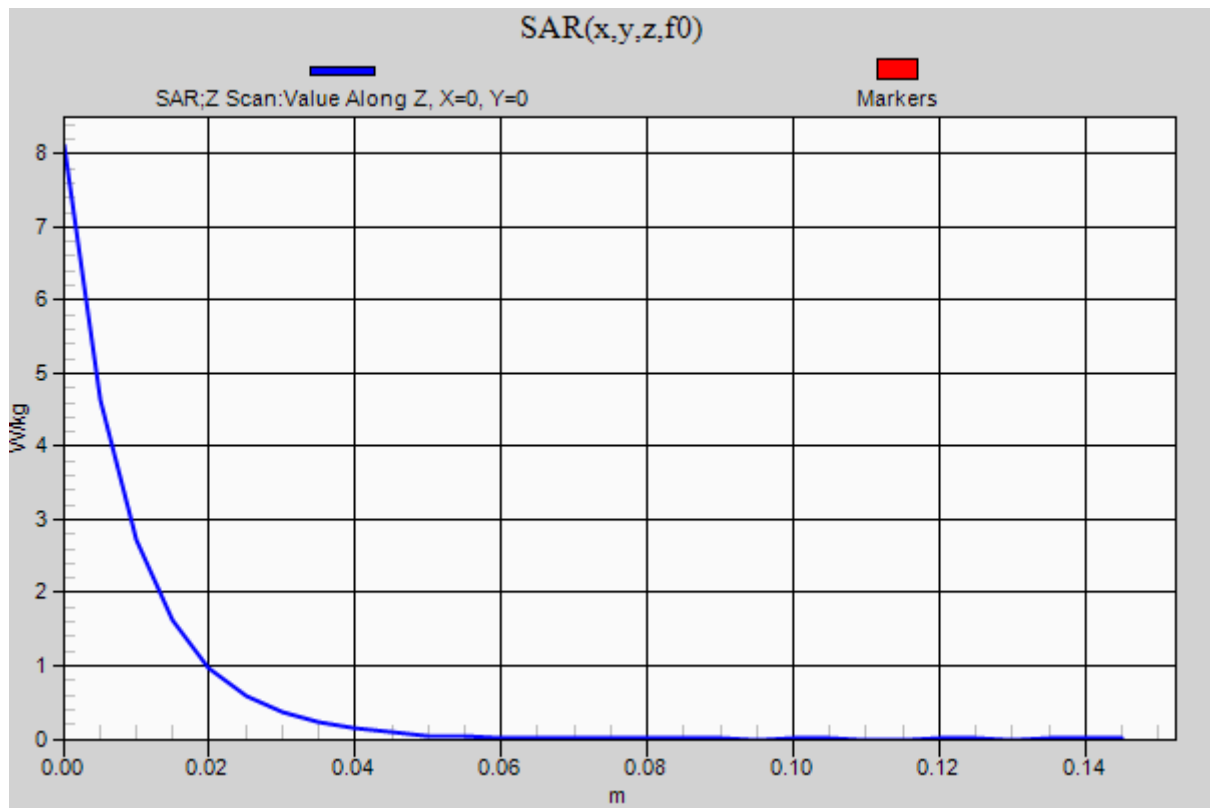
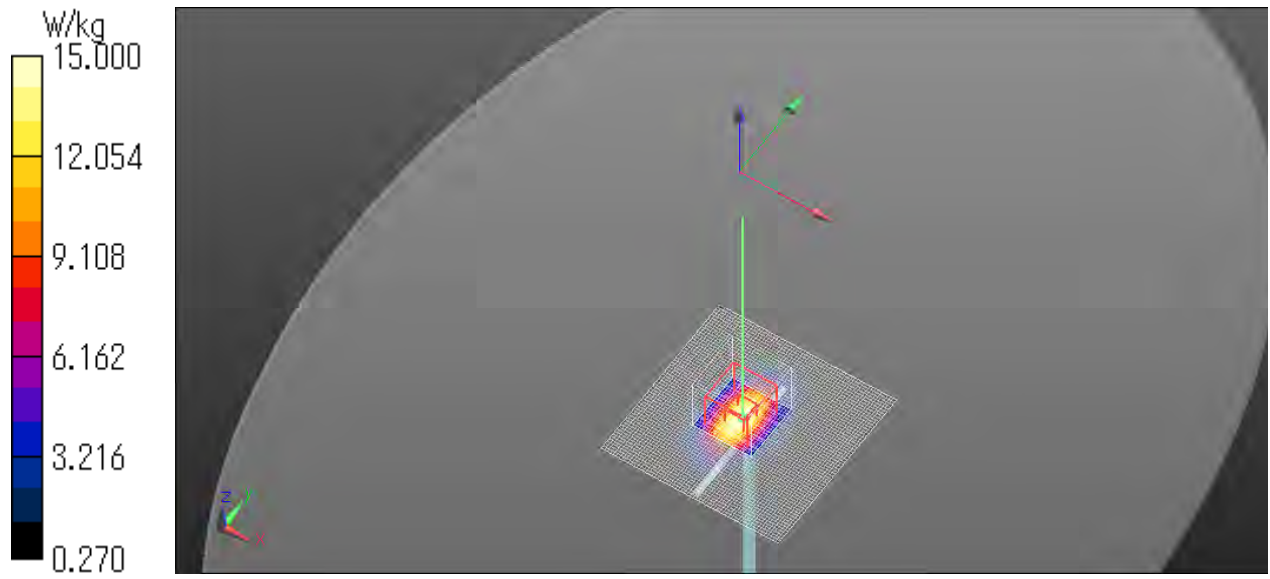
Smallest distance from peaks to all points 3 dB below = 10 mm

Ratio of SAR at M2 to SAR at M1 = 54 %

Maximum value of SAR (measured) = 15.0 W/kg

Configuration 2/250 mW 3/Z Scan 2 (1x1x23): Measurement grid: dx=20 mm, dy=20 mm, dz=5 mm
Maximum value of SAR (interpolated) = 17.7 W/kg

Note: Liquid temp. is kept within the 2 degree.C. during the test.



C.15 20220802 750 MHz Ambient Temp_22.0 deg.C._Liquid Temp_22.0 deg.C

Communication System info

Communication System: UID 0, #CW (0)
Communication System Band: D750 (750.0 MHz)Duty Cycle: 1:1
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

Probe info:

Probe: EX3DV4 - SN3917 / Calibrated: 2022/05/17
ConvF(10.11, 10.11, 10.11) @ 750 MHz
Medium parameters used: $f = 750$ MHz; $\sigma = 0.924$ S/m; $\epsilon_r = 40.884$; $\rho = 1000$ kg/m³
Sensor-Surface: 1.4 mm (Mechanical Surface Detection)

DAE info:

Electronics: DAE4 Sn1369 / Calibrated: 2022/05/09

Phantom info:

Phantom: ELI v5.0 (20 deg probe tilt)/Phantom section: Flat Section
Type: QDOVA001BB
Serial: TP:1203

Software info DASYS 52.10.4(1535) SEMCAD X 14.6.14(7501)

Configuration/250 mW 2/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 2.89 W/kg

Configuration/250 mW 2/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5 mm

Reference Value = 59.72 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 3.36 W/kg

SAR(1 g) = 2.24 W/kg; SAR(10 g) = 1.47 W/kg

Smallest distance from peaks to all points 3 dB below = 23.4 mm

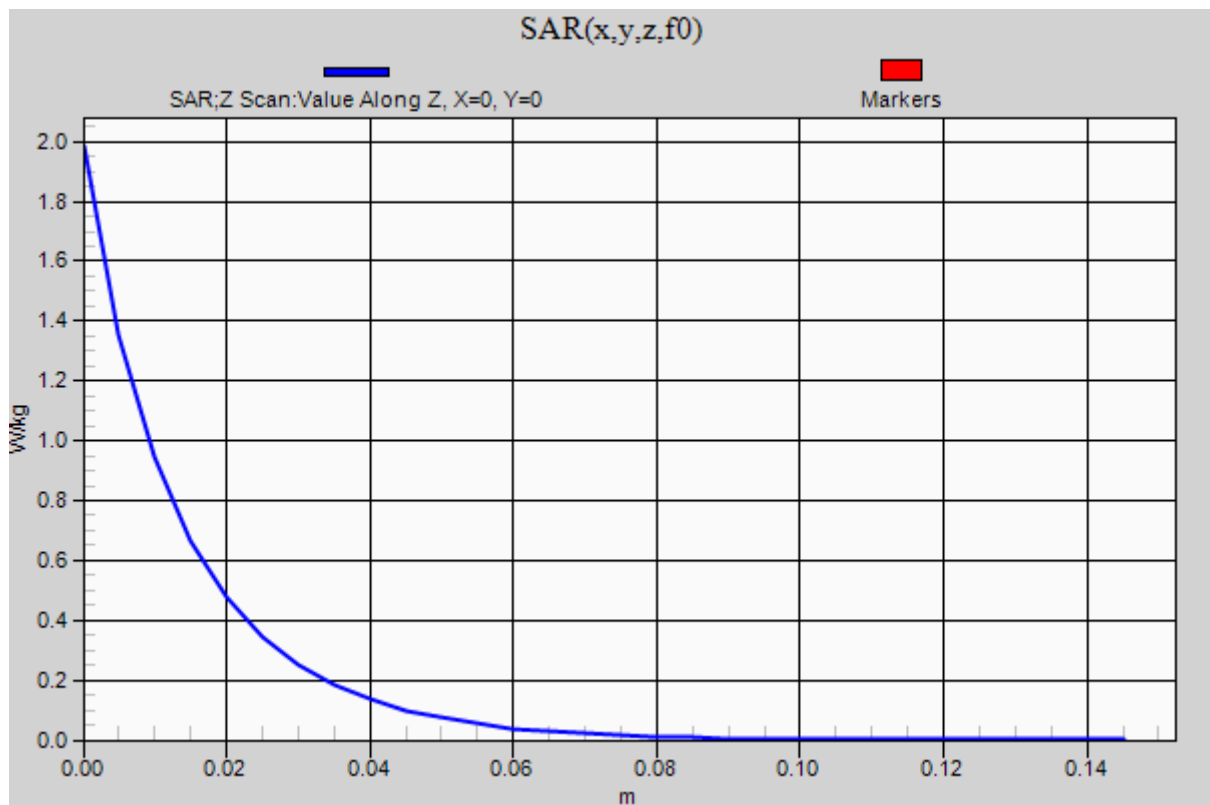
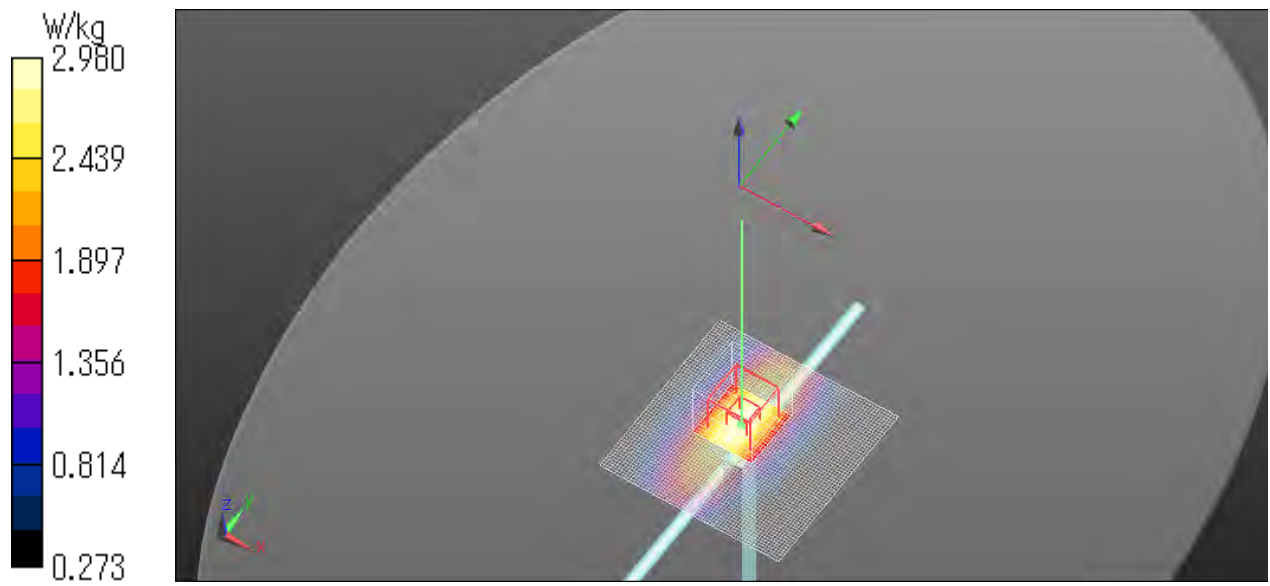
Ratio of SAR at M2 to SAR at M1 = 66.5 %

Maximum value of SAR (measured) = 2.98 W/kg

Configuration/250 mW 2/Z Scan 2 (1x1x29): Measurement grid: dx=20 mm, dy=20 mm, dz=5 mm

Maximum value of SAR (interpolated) = 3.30 W/kg

Note: Liquid temp. is kept within the 2 degree.C. during the test.



C.16 20220802 1750 MHz Ambient Temp_22.0 deg.C._Liquid Temp_22.0 deg.C

Communication System info

Communication System: UID 0, _CW (0)
Communication System Band: D1750 (1750.0 MHz)Duty Cycle: 1:1
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

Probe info:

Probe: EX3DV4 - SN3917 / Calibrated: 2022/05/17
ConvF(8.4, 8.4, 8.4) @ 1750 MHz
Medium parameters used: $f = 1750$ MHz; $\sigma = 1.356$ S/m; $\epsilon_r = 38.913$; $\rho = 1000$ kg/m³
Sensor-Surface: 1.4 mm (Mechanical Surface Detection)

DAE info:

Electronics: DAE4 Sn1369 / Calibrated: 2022/05/09

Phantom info:

Phantom: ELI v5.0 (20 deg probe tilt)/Phantom section: Flat Section
Type: QDOVA001BB
Serial: TP:1203

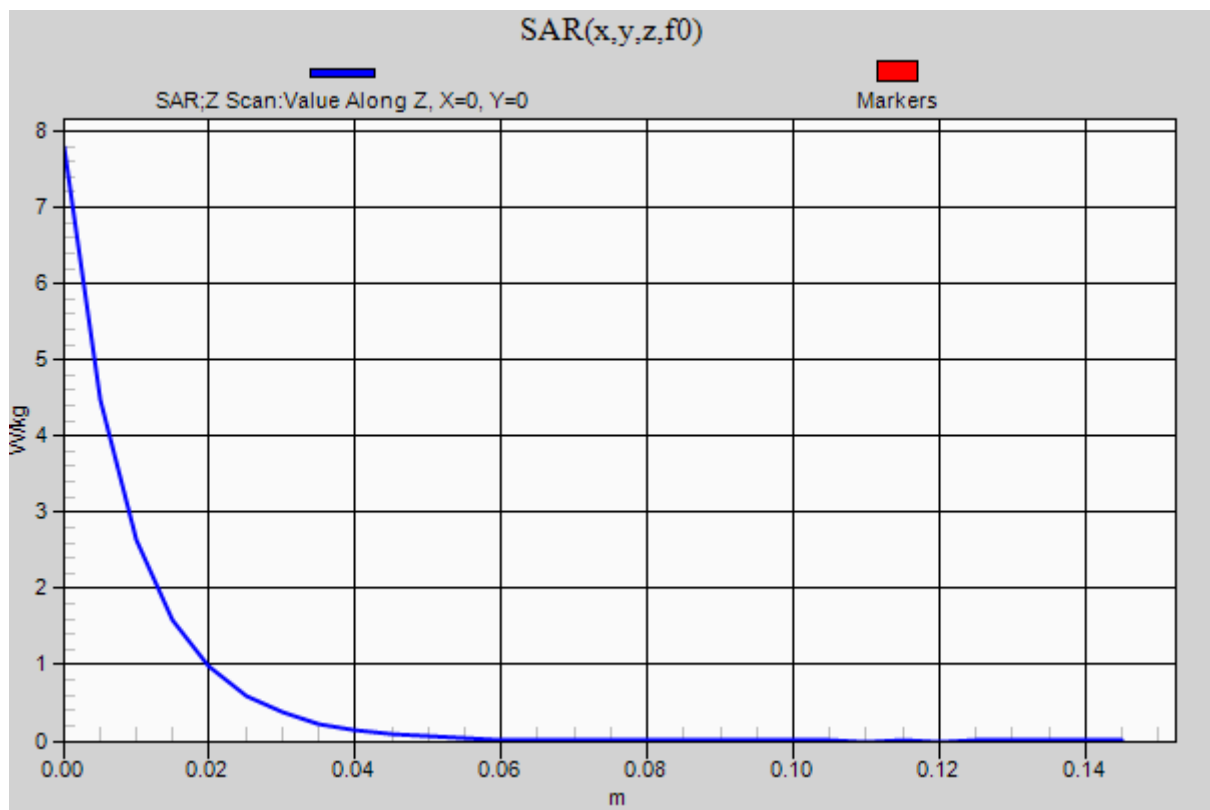
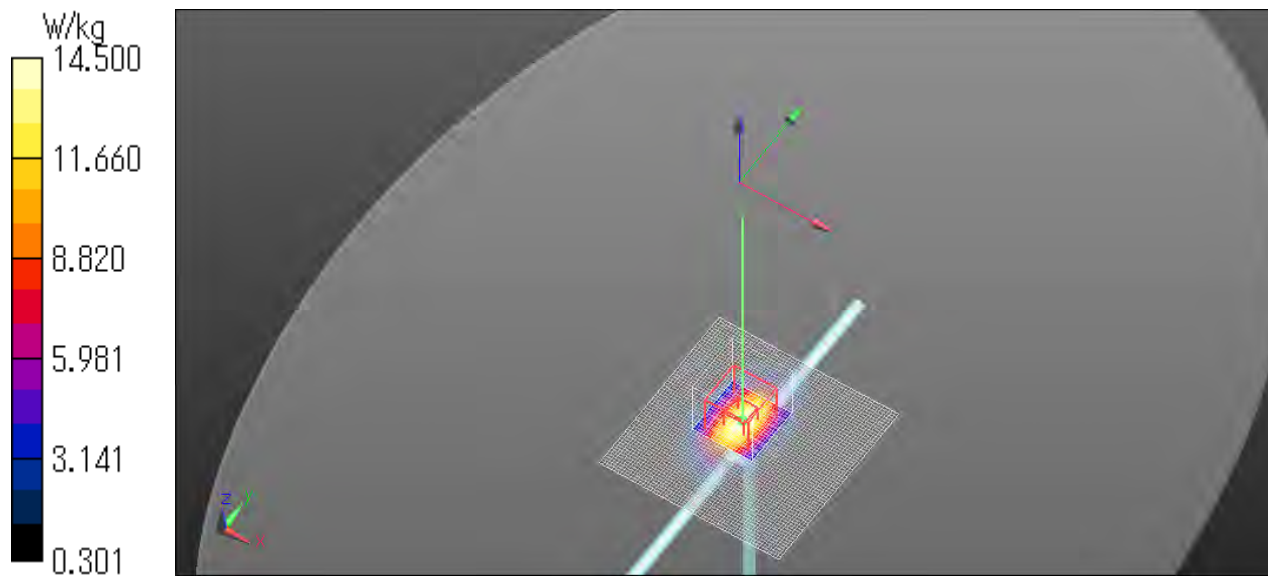
Software info DASYS2 52.10.4(1535) SEMCAD X 14.6.14(7501)

Configuration/250 mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 14.7 W/kg

Configuration/250 mW/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5 mm
Reference Value = 106.2 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 17.6 W/kg
SAR(1 g) = 9.34 W/kg; SAR(10 g) = 4.95 W/kg
Smallest distance from peaks to all points 3 dB below = 10 mm
Ratio of SAR at M2 to SAR at M1 = 53.3 %
Maximum value of SAR (measured) = 14.5 W/kg

Configuration/250 mW/Z Scan 2 (1x1x24): Measurement grid: dx=20 mm, dy=20 mm, dz=5 mm
Maximum value of SAR (interpolated) = 17.3 W/kg

Note: Liquid temp. is kept within the 2 degree.C. during the test.



C.17 20220803 750 MHz Ambient Temp_22.0 deg.C._Liquid Temp_22.0 deg.C

Communication System info

Communication System: UID 0, #CW (0)
Communication System Band: D750 (750.0 MHz)Duty Cycle: 1:1
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

Probe info:

Probe: EX3DV4 - SN3825 / Calibrated: 2022/07/20
ConvF(9.83, 9.83, 9.83) @ 750 MHz
Medium parameters used: $f = 750$ MHz; $\sigma = 0.88$ S/m; $\epsilon_r = 41.249$; $\rho = 1000$ kg/m³
Sensor-Surface: 1.4 mm (Mechanical Surface Detection)

DAE info:

Electronics: DAE4 Sn509 / Calibrated: 2022/07/13

Phantom info:

Phantom: ELI v5.0 (20 deg probe tilt)/Phantom section: Flat Section
Type: QDOVA001BB
Serial: TP:1203

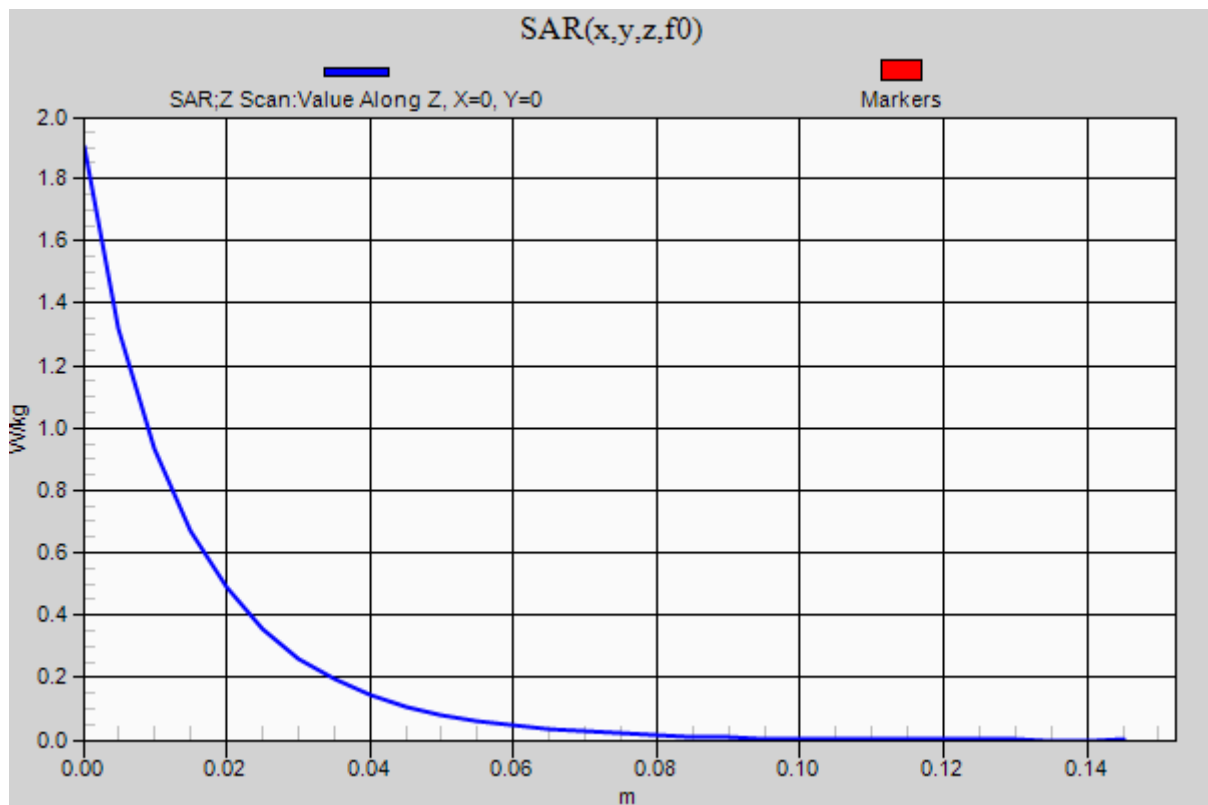
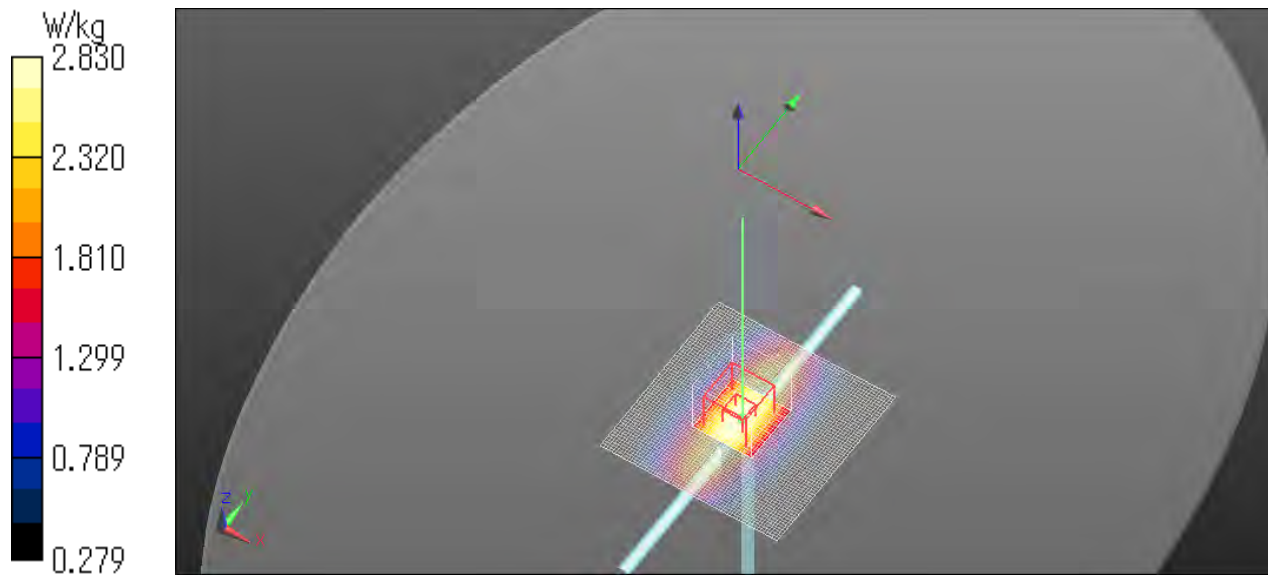
Software info DASYS2 52.10.4(1535) SEMCAD X 14.6.14(7501)

Configuration/250 mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 2.82 W/kg

Configuration/250 mW/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5 mm
Reference Value = 59.10 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 3.21 W/kg
SAR(1 g) = 2.15 W/kg; SAR(10 g) = 1.43 W/kg
Smallest distance from peaks to all points 3 dB below = 23.3 mm
Ratio of SAR at M2 to SAR at M1 = 66.7 %
Maximum value of SAR (measured) = 2.83 W/kg

Configuration/250 mW/Z Scan 2 (1x1x29): Measurement grid: dx=20 mm, dy=20 mm, dz=5 mm
Maximum value of SAR (measured) = 1.90 W/kg

Note: Liquid temp. is kept within the 2 degree.C. during the test.



C.18 20220803 835 MHz Ambient Temp_22.0 deg.C._Liquid Temp_22.0 deg.C

Communication System info

Communication System: UID 0, #CW (0)
Communication System Band: D835 (835.0 MHz)Duty Cycle: 1:1
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

Probe info:

Probe: EX3DV4 - SN3825 / Calibrated: 2022/07/20
ConvF(9.57, 9.57, 9.57) @ 835 MHz
Medium parameters used: $f = 835$ MHz; $\sigma = 0.915$ S/m; $\epsilon_r = 41.061$; $\rho = 1000$ kg/m³
Sensor-Surface: 1.4 mm (Mechanical Surface Detection)

DAE info:

Electronics: DAE4 Sn509 / Calibrated: 2022/07/13

Phantom info:

Phantom: ELI v5.0 (20 deg probe tilt)/Phantom section: Flat Section
Type: QDOVA001BB
Serial: TP:1203

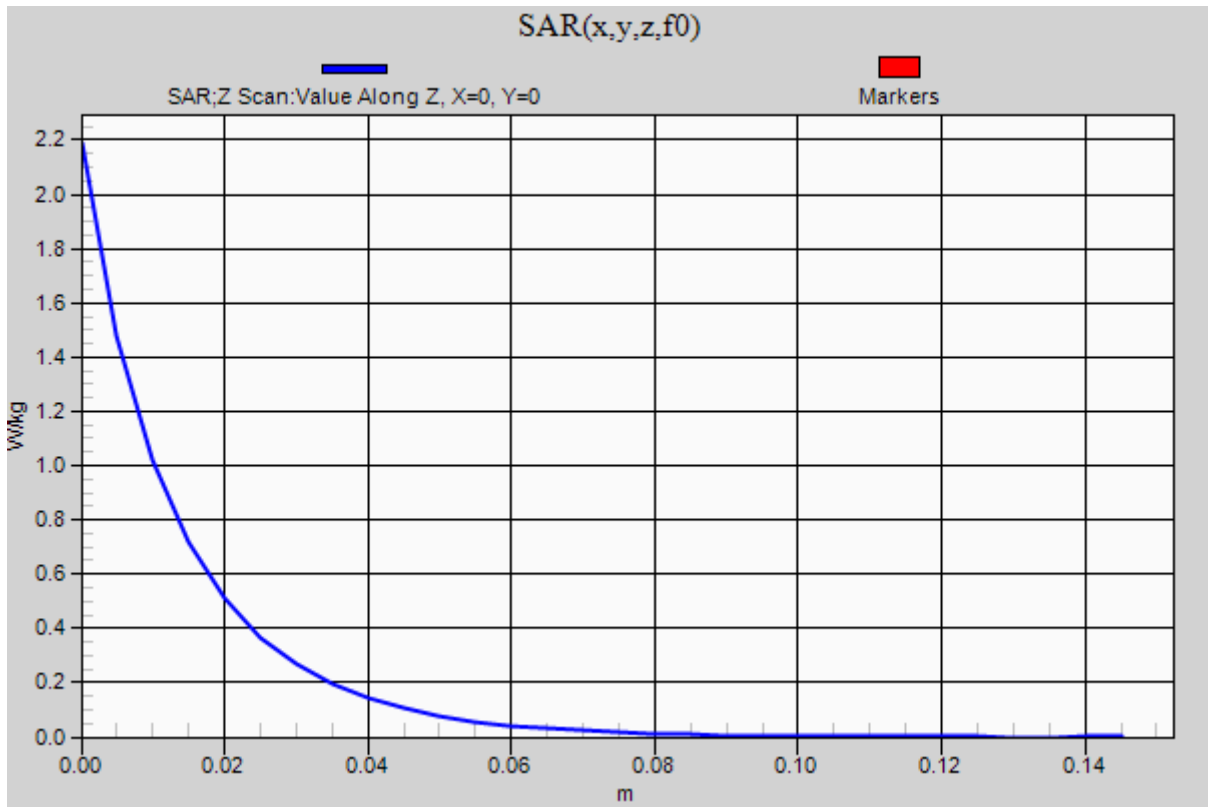
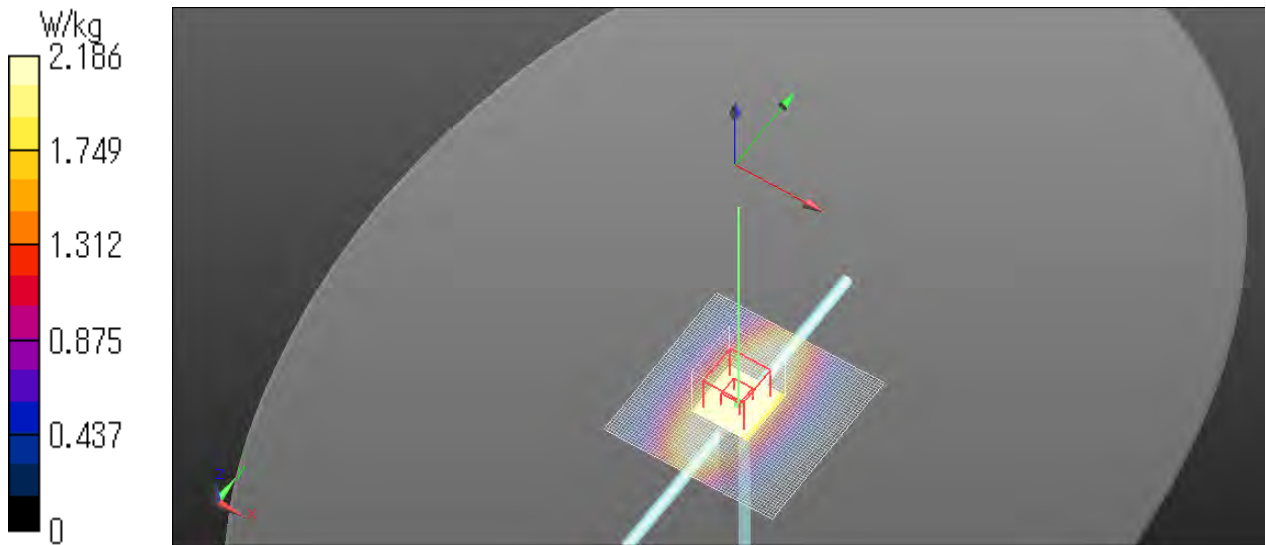
Software info DASY52 52.10.4(1535) SEMCAD X 14.6.14(7501)

Configuration/250 mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 3.29 W/kg

Configuration/250 mW/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5 mm
Reference Value = 62.66 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 3.74 W/kg
SAR(1 g) = 2.47 W/kg; SAR(10 g) = 1.61 W/kg
Smallest distance from peaks to all points 3 dB below = 18.9 mm
Ratio of SAR at M2 to SAR at M1 = 65.9 %
Maximum value of SAR (measured) = 3.30 W/kg

Configuration/250 mW/Z Scan (1x1x31): Measurement grid: dx=20 mm, dy=20 mm, dz=5 mm
Maximum value of SAR (measured) = 2.19 W/kg

Note: Liquid temp. is kept within the 2 degree.C. during the test.



C.19 20220803 1900 MHz Ambient Temp_22.0 deg.C._Liquid Temp_22.0 deg.C

Communication System info

Communication System: UID 0, #CW (0)
Communication System Band: D1900 (1900.0 MHz)Duty Cycle: 1:1
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

Probe info:

Probe: EX3DV4 - SN3825 / Calibrated: 2022/07/20
ConvF(8.36, 8.36, 8.36) @ 1900 MHz
Medium parameters used: $f = 1900$ MHz; $\sigma = 1.394$ S/m; $\epsilon_r = 39.066$; $\rho = 1000$ kg/m³
Sensor-Surface: 1.4 mm (Mechanical Surface Detection)

DAE info:

Electronics: DAE4 Sn509 / Calibrated: 2022/07/13

Phantom info:

Phantom: ELI v5.0 (20 deg probe tilt)/Phantom section: Flat Section
Type: QDOVA001BB
Serial: TP:1203

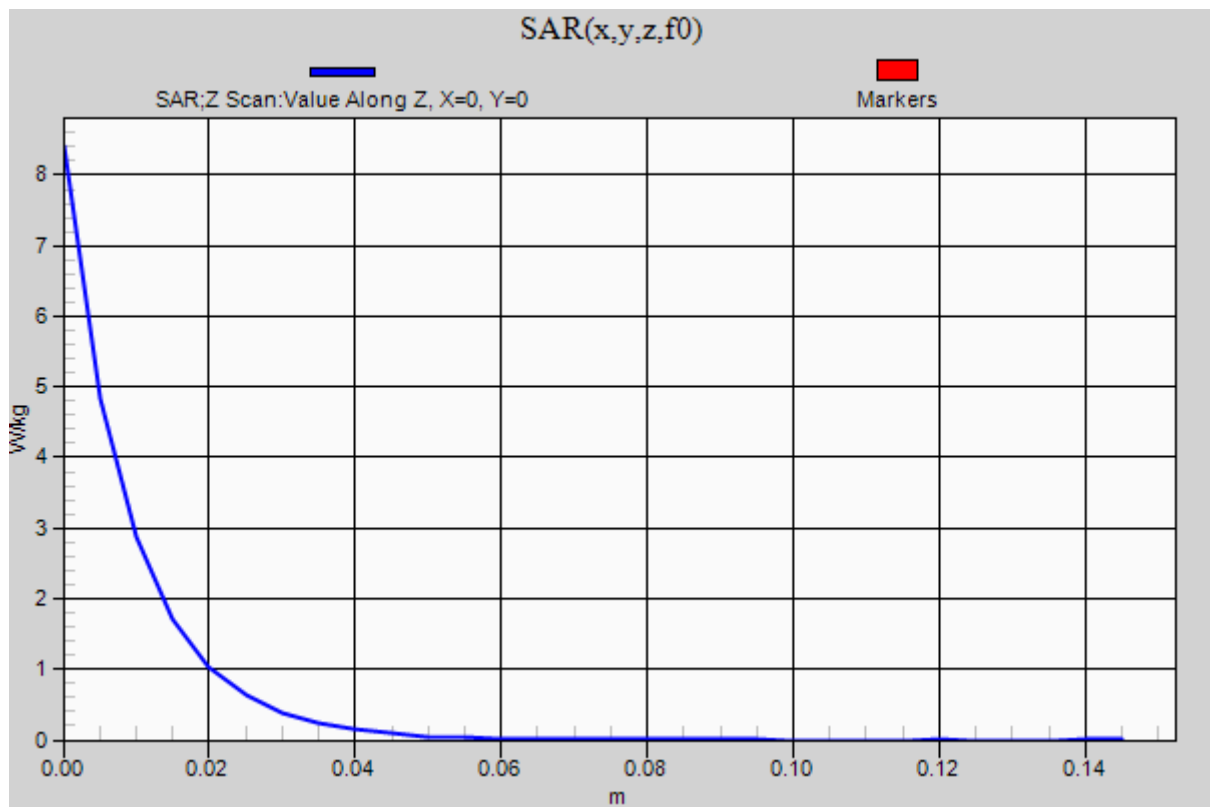
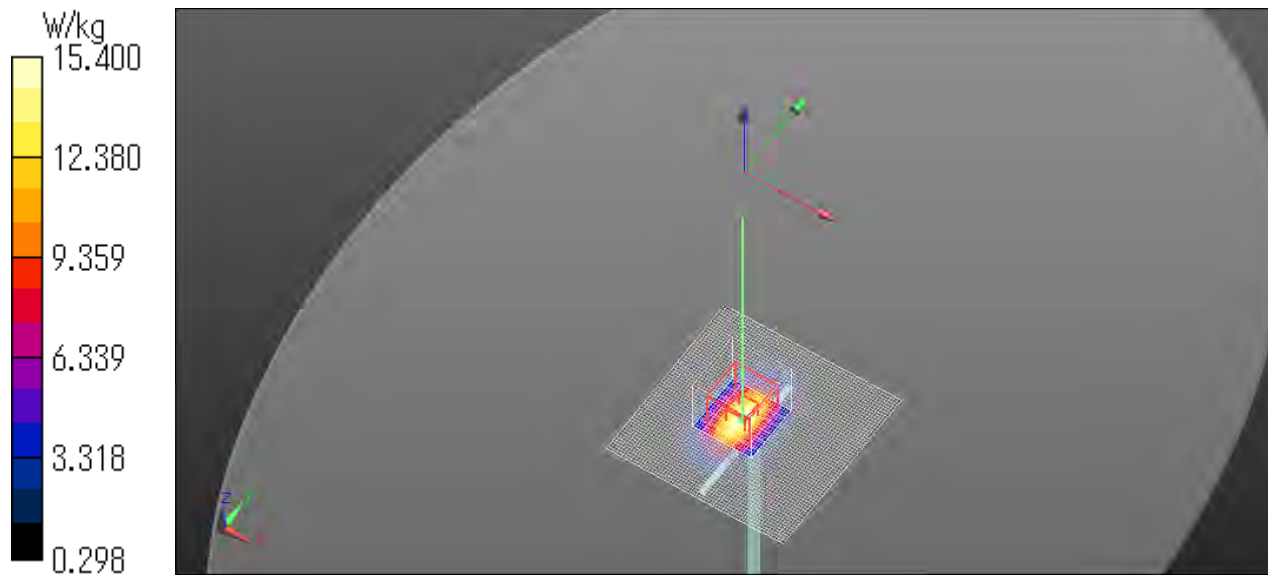
Software info DASYS2 52.10.4(1535) SEMCAD X 14.6.14(7501)

Configuration 2/250 mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 15.1 W/kg

Configuration 2/250 mW/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5 mm
Reference Value = 109.3 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 18.3 W/kg
SAR(1 g) = 9.88 W/kg; SAR(10 g) = 5.19 W/kg
Smallest distance from peaks to all points 3 dB below = 10 mm
Ratio of SAR at M2 to SAR at M1 = 54.4 %
Maximum value of SAR (measured) = 15.4 W/kg

Configuration 2/250 mW/Z Scan 2 (1x1x23): Measurement grid: dx=20 mm, dy=20 mm, dz=5 mm
Maximum value of SAR (measured) = 8.40 W/kg

Note: Liquid temp. is kept within the 2 degree.C. during the test.



C.20 20220809 750 MHz Ambient Temp_21.0 deg.C._Liquid Temp_20.7 deg.C

Communication System info

Communication System: UID 0, #CW (0)
Communication System Band: D750 (750.0 MHz)Duty Cycle: 1:1
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

Probe info:

Probe: EX3DV4 - SN3825 / Calibrated: 2022/07/20
ConvF(9.83, 9.83, 9.83) @ 750 MHz
Medium parameters used: $f = 750$ MHz; $\sigma = 0.856$ S/m; $\epsilon_r = 40.775$; $\rho = 1000$ kg/m³
Sensor-Surface: 1.4 mm (Mechanical Surface Detection), Sensor-Surface: 0 mm (Fix Surface)

DAE info:

Electronics: DAE4 Sn509 / Calibrated: 2022/07/13

Phantom info:

Phantom: ELI v5.0 (20 deg probe tilt)/Phantom section: Flat Section
Type: QDOVA001BB
Serial: TP:1203

Software info DASYS2 52.10.4(1535) SEMCAD X 14.6.14(7501)

Configuration/250 mW/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5 mm

Reference Value = 59.56 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 3.25 W/kg

SAR(1 g) = 2.14 W/kg; SAR(10 g) = 1.42 W/kg

Smallest distance from peaks to all points 3 dB below = 17.9 mm

Ratio of SAR at M2 to SAR at M1 = 66.1 %

Maximum value of SAR (measured) = 2.86 W/kg

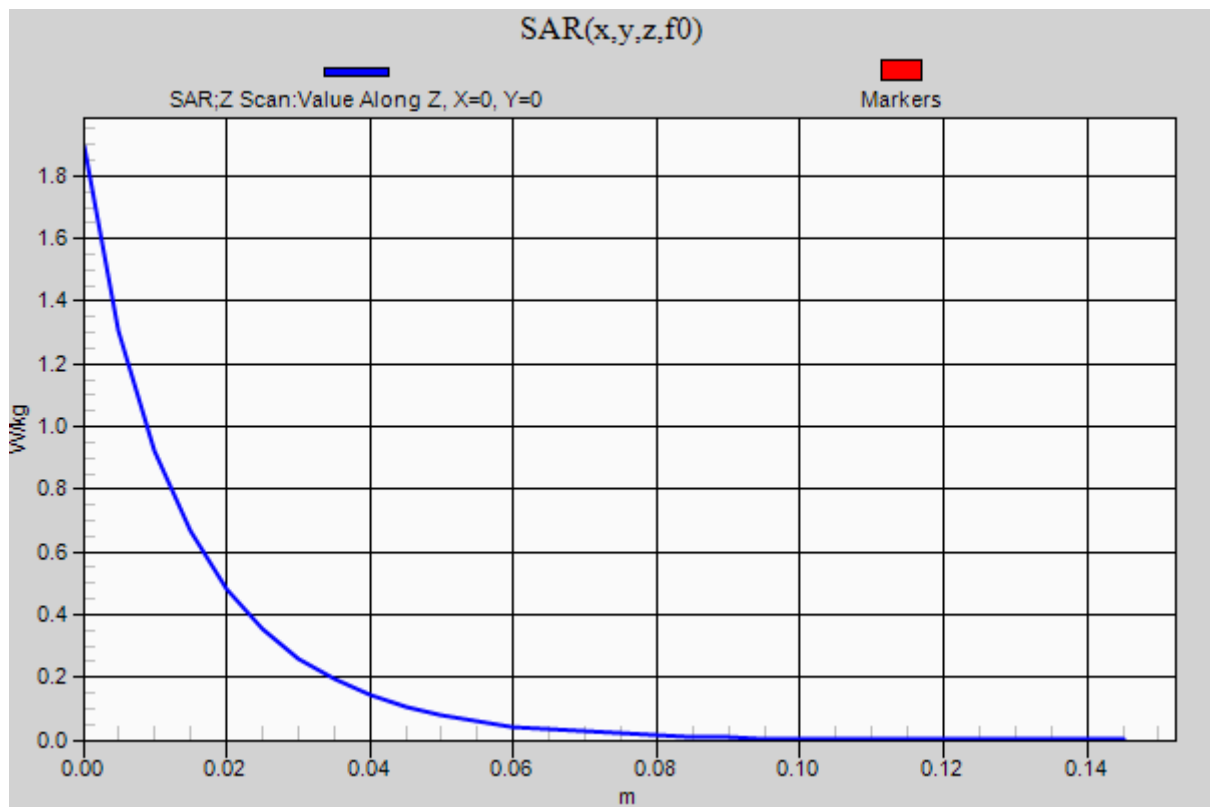
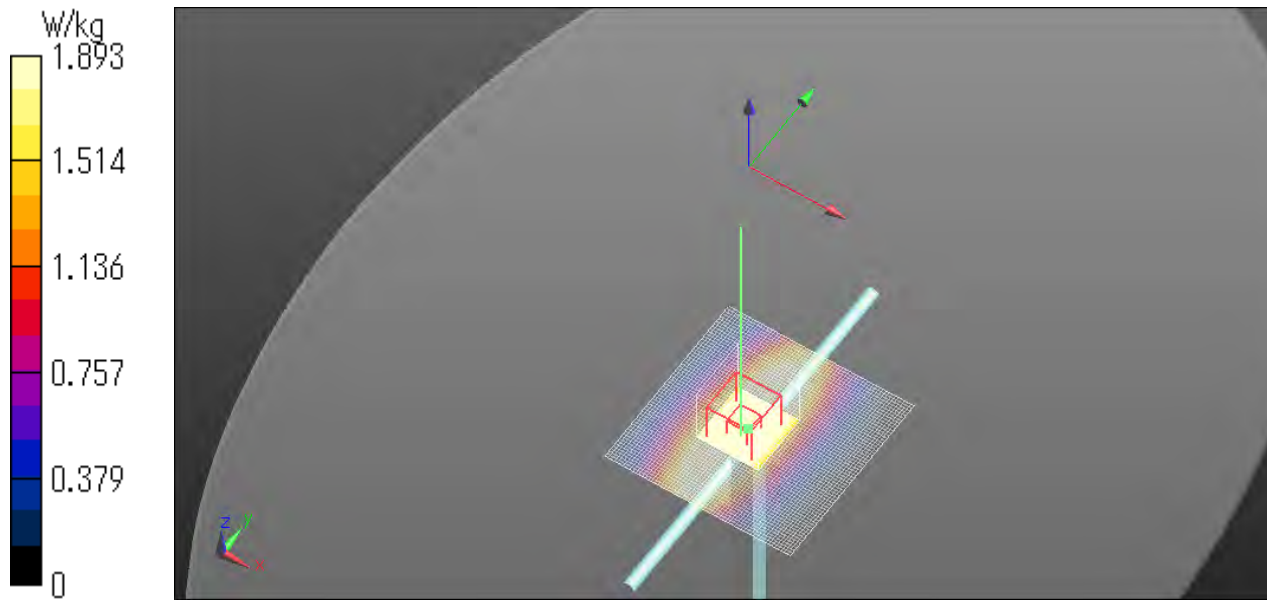
Configuration/250 mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 2.77 W/kg

Configuration/250 mW/Z Scan (1x1x31): Measurement grid: dx=20 mm, dy=20 mm, dz=5 mm

Maximum value of SAR (measured) = 1.89 W/kg

Note: Liquid temp. is kept within the 2 degree.C. during the test.



C.21 20220809 835 MHz Ambient Temp_21.0 deg.C._Liquid Temp_20.7 deg.C

Communication System info

Communication System: UID 0, #CW (0)
Communication System Band: D835 (835.0 MHz)Duty Cycle: 1:1
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

Probe info:

Probe: EX3DV4 - SN3825 / Calibrated: 2022/07/20
ConvF(9.57, 9.57, 9.57) @ 835 MHz
Medium parameters used: $f = 835$ MHz; $\sigma = 0.884$ S/m; $\epsilon_r = 40.504$; $\rho = 1000$ kg/m³
Sensor-Surface: 1.4 mm (Mechanical Surface Detection), Sensor-Surface: 0 mm (Fix Surface)

DAE info:

Electronics: DAE4 Sn509 / Calibrated: 2022/07/13

Phantom info:

Phantom: ELI v4.0 (20 deg probe tilt)/Phantom section: Flat Section
Type: QDOVA001BB
Serial: TP:1045

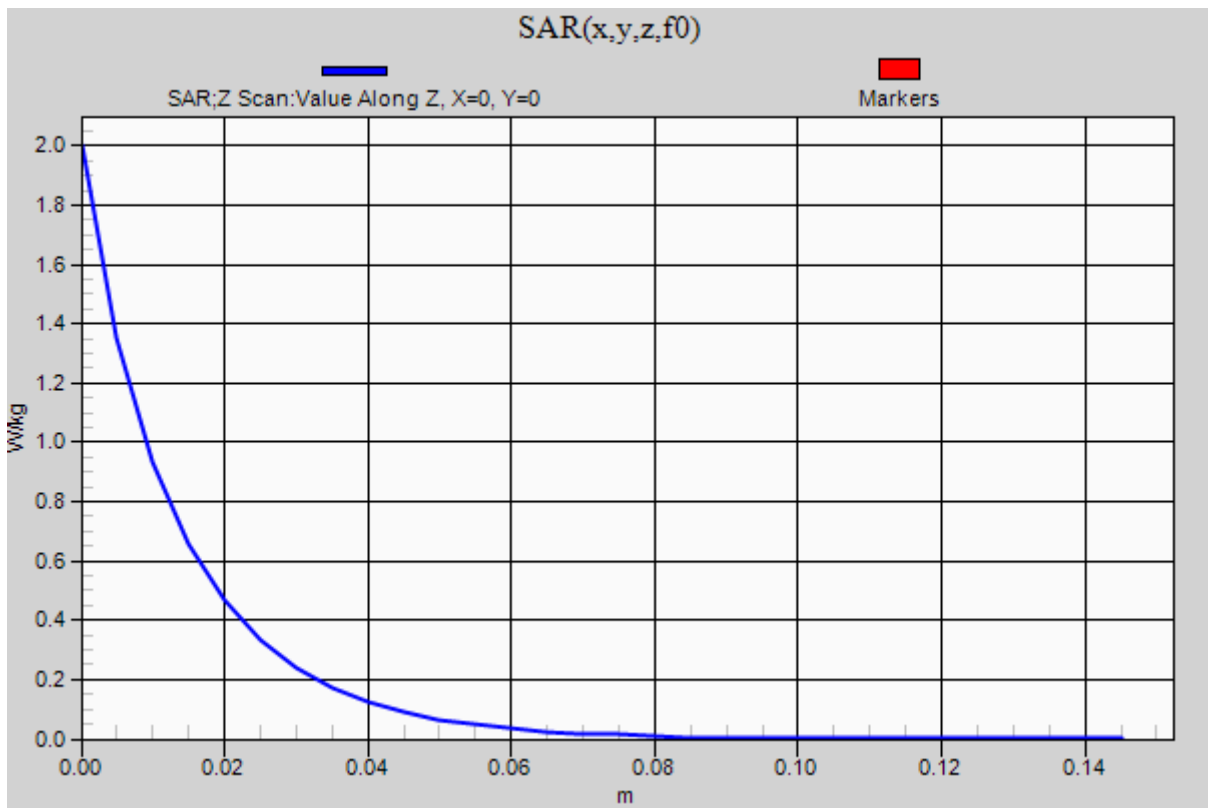
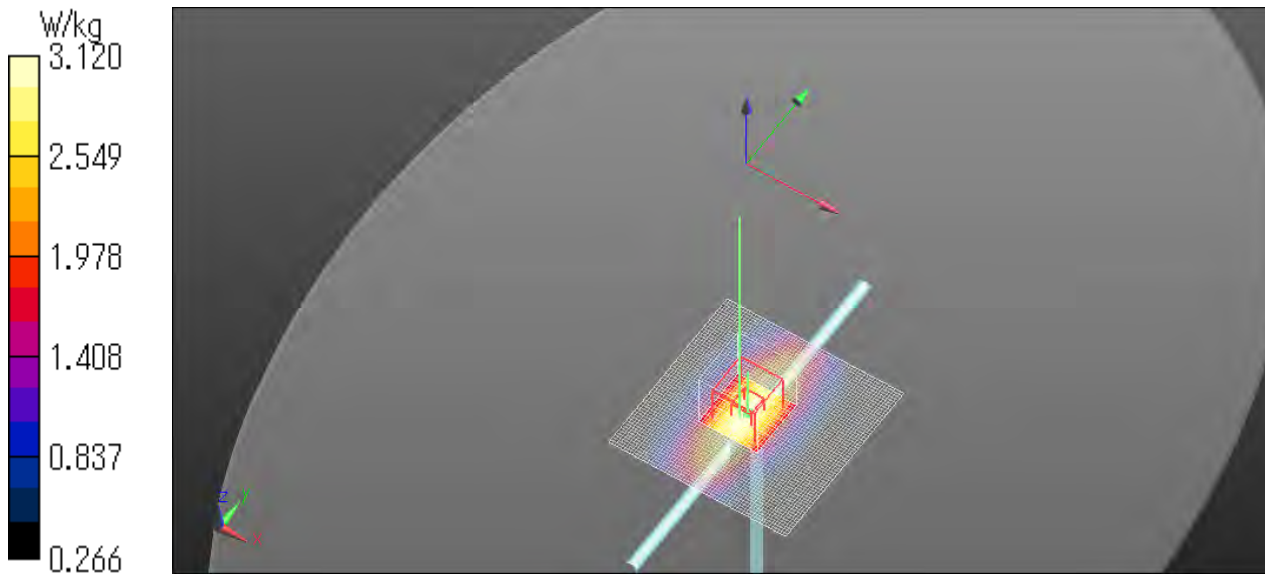
Software info DASY52 52.10.4(1535) SEMCAD X 14.6.14(7501)

Configuration/250 mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 3.14 W/kg

Configuration/250 mW/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5 mm
Reference Value = 62.22 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 3.54 W/kg
SAR(1 g) = 2.3 W/kg; SAR(10 g) = 1.5 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid (> 15 mm)
Ratio of SAR at M2 to SAR at M1 = 65 %
Maximum value of SAR (measured) = 3.12 W/kg

Configuration/250 mW/Z Scan (1x1x31): Measurement grid: dx=20 mm, dy=20 mm, dz=5 mm
Maximum value of SAR (measured) = 2.00 W/kg

Note: Liquid temp. is kept within the 2 degree.C. during the test.



C.22 20220809 1900 MHz Ambient Temp_21.0 deg.C._Liquid Temp_20.7 deg.C

Communication System info

Communication System: UID 0, #CW (0)
Communication System Band: D1900 (1900.0 MHz)Duty Cycle: 1:1
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

Probe info:

Probe: EX3DV4 - SN3825 / Calibrated: 2022/07/20
ConvF(8.36, 8.36, 8.36) @ 1900 MHz
Medium parameters used: $f = 1900$ MHz; $\sigma = 1.372$ S/m; $\epsilon_r = 38.663$; $\rho = 1000$ kg/m³
Sensor-Surface: 1.4 mm (Mechanical Surface Detection), Sensor-Surface: 0 mm (Fix Surface)

DAE info:

Electronics: DAE4 Sn509 / Calibrated: 2022/07/13

Phantom info:

Phantom: ELI v5.0 (20 deg probe tilt)/Phantom section: Flat Section
Type: QDOVA001BB
Serial: TP:1203

Software info DASYS2 52.10.4(1535) SEMCAD X 14.6.14(7501)

Configuration 2/250 mW 3/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 13.5 W/kg

Configuration 2/250 mW 3/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5 mm

Reference Value = 105.2 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 16.7 W/kg

SAR(1 g) = 9.12 W/kg; SAR(10 g) = 4.78 W/kg

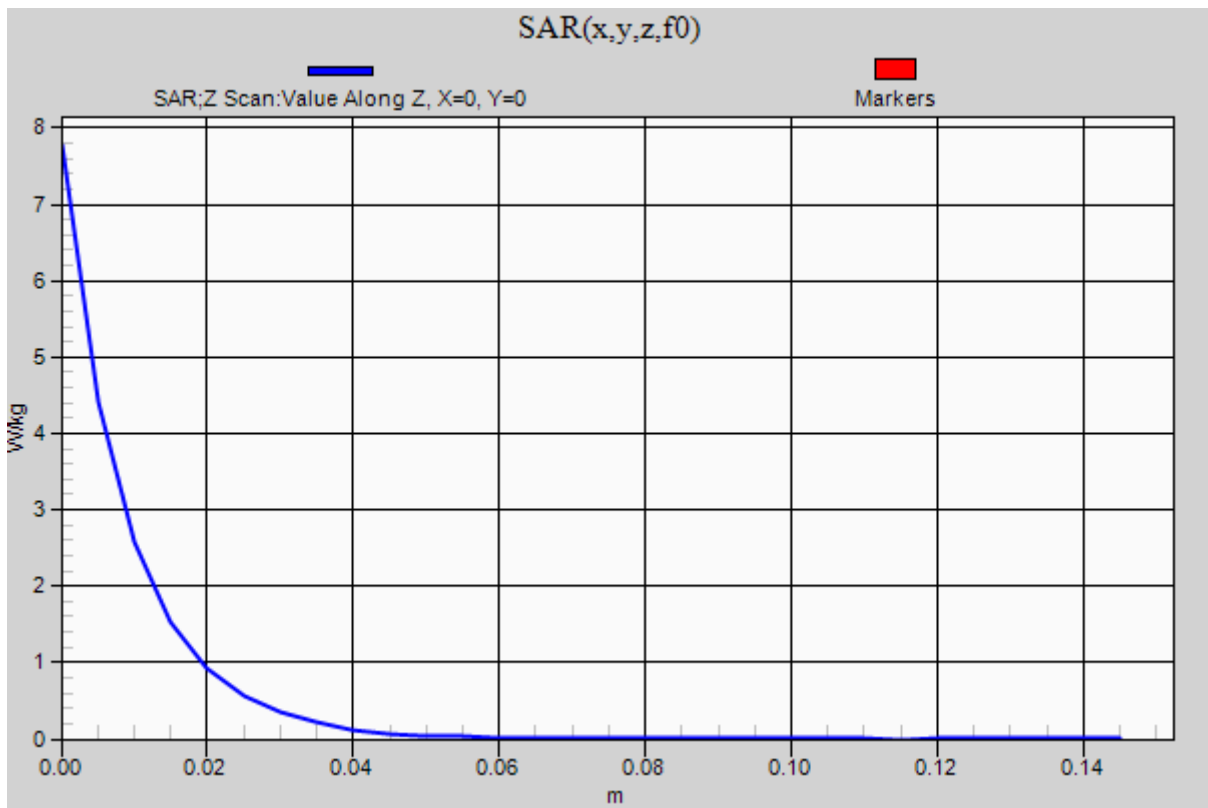
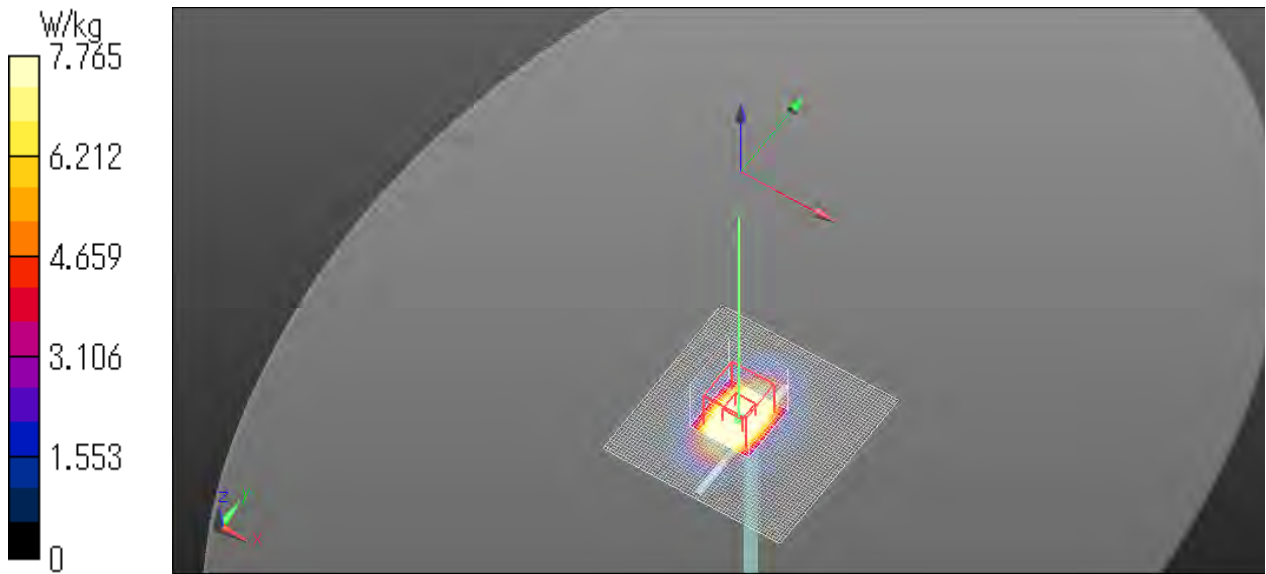
Smallest distance from peaks to all points 3 dB below = 10 mm

Ratio of SAR at M2 to SAR at M1 = 54.9 %

Maximum value of SAR (measured) = 14.1 W/kg

Configuration 2/250 mW 3/Z Scan (1x1x31): Measurement grid: dx=20 mm, dy=20 mm, dz=5 mm
Maximum value of SAR (measured) = 7.77 W/kg

Note: Liquid temp. is kept within the 2 degree.C. during the test.



C.23 20220817 750 MHz Ambient Temp_21.5 deg.C._Liquid Temp_21.5 deg.C

Communication System info

Communication System: UID 0, #CW (0)
Communication System Band: D750 (750.0 MHz)Duty Cycle: 1:1
Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2011)

Probe info:

Probe: EX3DV4 - SN3917 / Calibrated: 2022/05/17
ConvF(10.11, 10.11, 10.11) @ 750 MHz
Medium parameters used: $f = 750$ MHz; $\sigma = 0.914$ S/m; $\epsilon_r = 40.579$; $\rho = 1000$ kg/m³
Sensor-Surface: 1.4 mm (Mechanical Surface Detection)

DAE info:

Electronics: DAE4 Sn1369 / Calibrated: 2022/05/09

Phantom info:

Phantom: ELI v5.0 TP1207 (30 deg probe tilt)/Phantom section: Flat Section
Type: QDOVA001BB
Serial: TP:1207

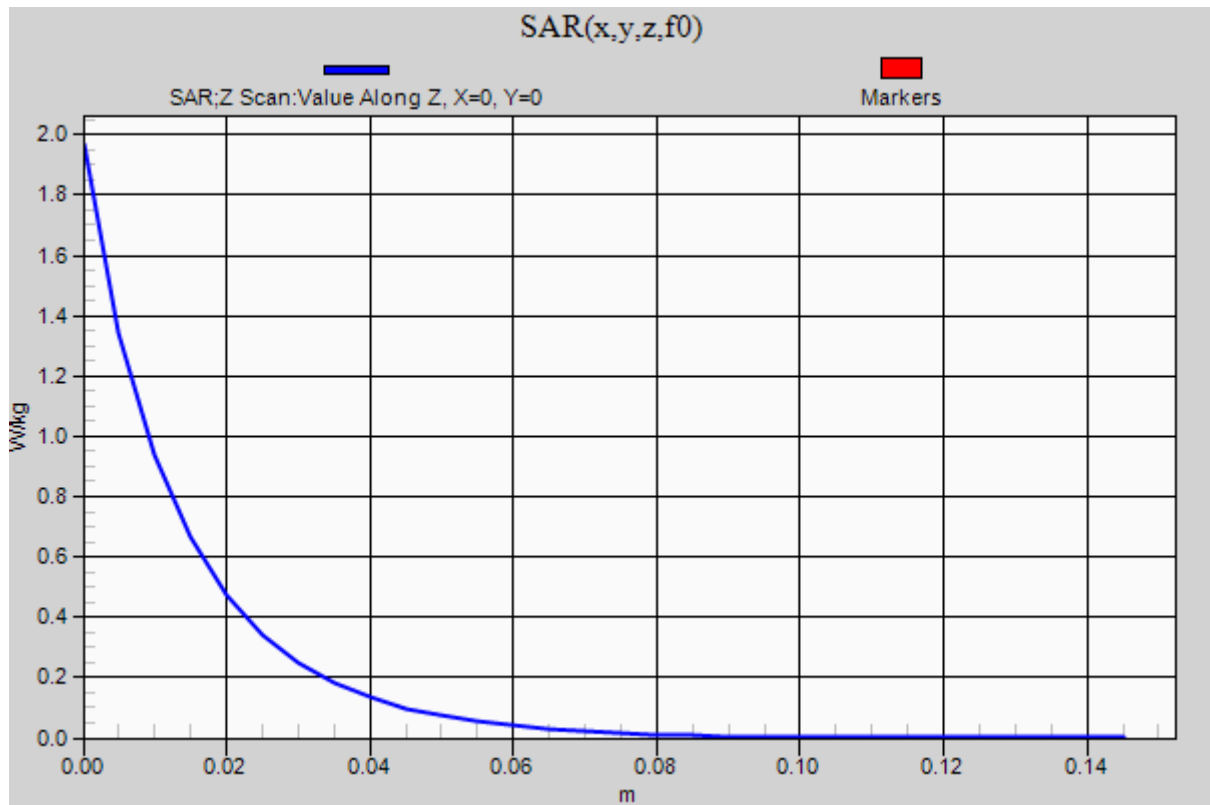
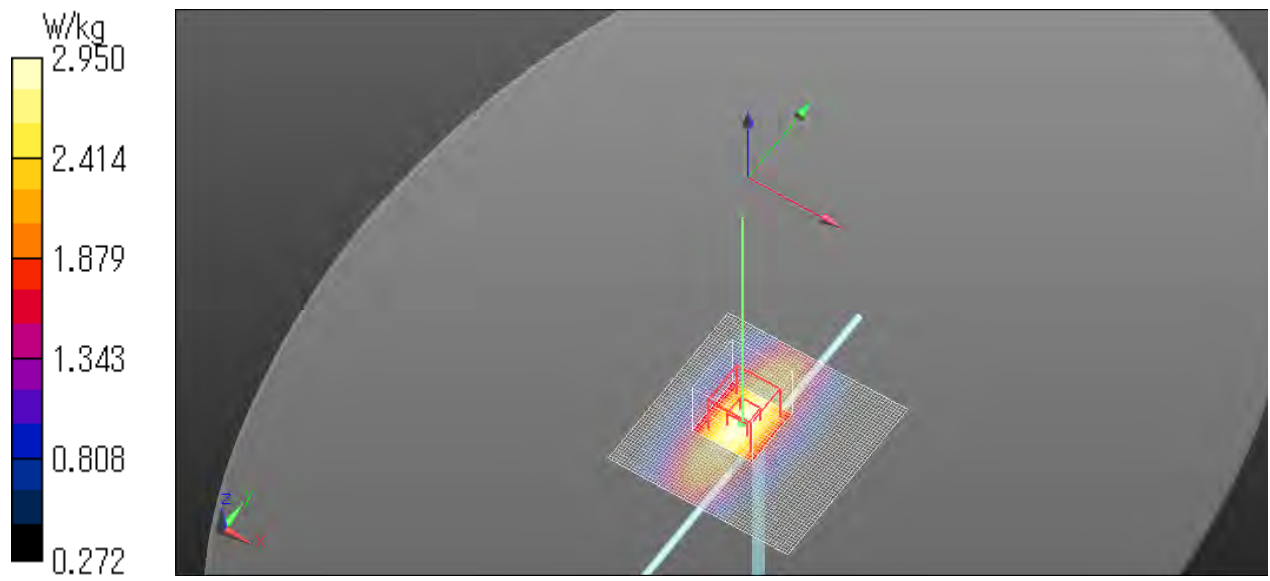
Software info DASYS52 52.10.4(1535) SEMCAD X 14.6.14(7501)

Configuration/250 mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 2.88 W/kg

Configuration/250 mW/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5 mm
Reference Value = 59.78 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 3.33 W/kg
SAR(1 g) = 2.22 W/kg; SAR(10 g) = 1.46 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid (> 15 mm)
Ratio of SAR at M2 to SAR at M1 = 66.5 %
Maximum value of SAR (measured) = 2.95 W/kg

Configuration/250 mW/Z Scan 2 (1x1x29): Measurement grid: dx=20 mm, dy=20 mm, dz=5 mm
Maximum value of SAR (measured) = 1.97 W/kg

Note: Liquid temp. is kept within the 2 degree.C. during the test.



C.24 20220817 835 MHz Ambient Temp_21.5 deg.C._Liquid Temp_21.5 deg.C

Communication System info

Communication System: UID 0, #CW (0)
Communication System Band: D835 (835.0 MHz)Duty Cycle: 1:1
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

Probe info:

Probe: EX3DV4 - SN3917 / Calibrated: 2022/05/17
ConvF(9.71, 9.71, 9.71) @ 835 MHz
Medium parameters used: $f = 835$ MHz; $\sigma = 0.955$ S/m; $\epsilon_r = 40.207$; $\rho = 1000$ kg/m³
Sensor-Surface: 1.4 mm (Mechanical Surface Detection), Sensor-Surface: 0 mm (Fix Surface)

DAE info:

Electronics: DAE4 Sn1369 / Calibrated: 2022/05/09

Phantom info:

Phantom: ELI v5.0 TP1207 (30 deg probe tilt)/Phantom section: Flat Section
Type: QDOVA001BB
Serial: TP:1207

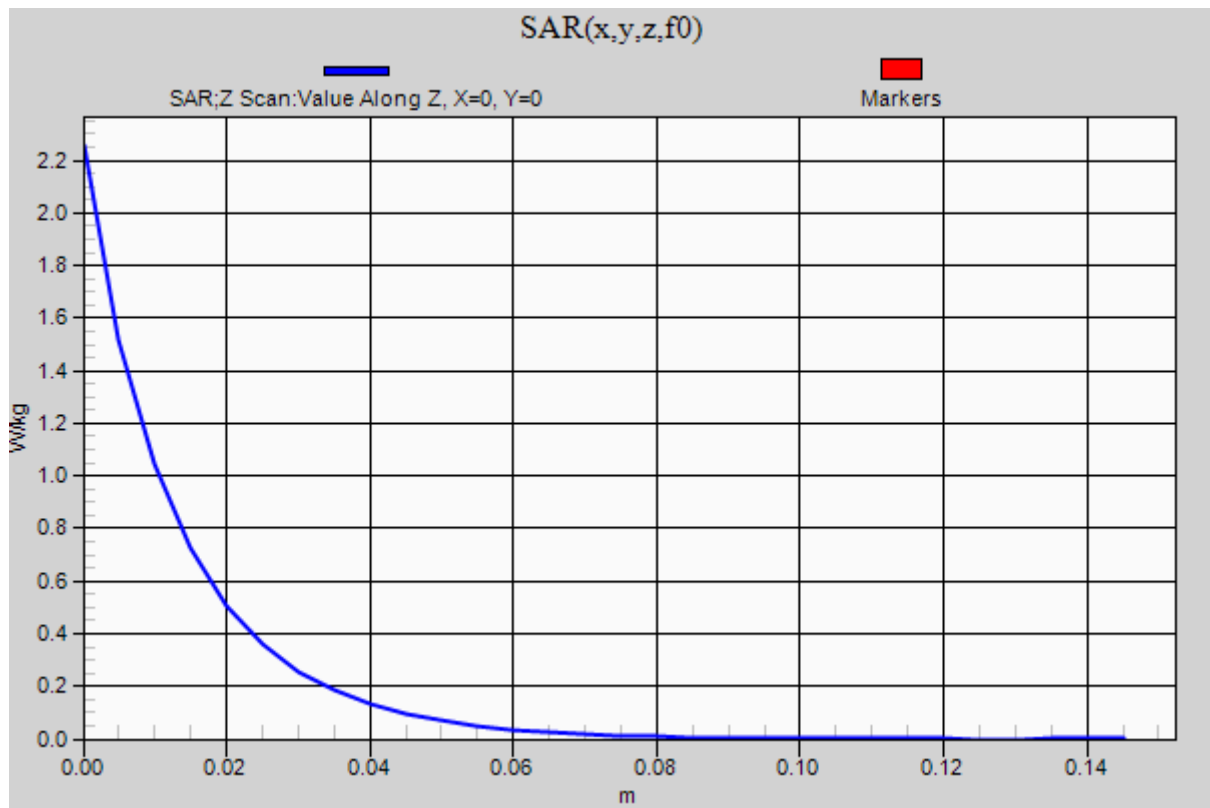
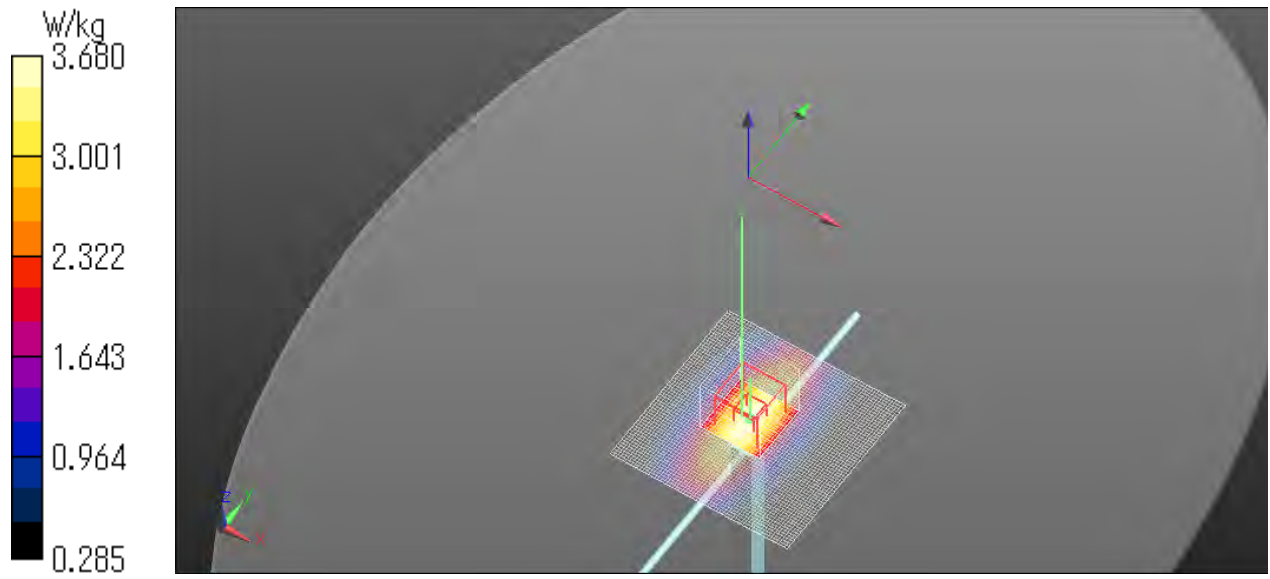
Software info DASYS 52.10.4(1535) SEMCAD X 14.6.14(7501)

Configuration/250 mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 3.60 W/kg

Configuration/250 mW/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5 mm
Reference Value = 64.04 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 4.24 W/kg
SAR(1 g) = 2.67 W/kg; SAR(10 g) = 1.72 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 20.5 mm
Ratio of SAR at M2 to SAR at M1 = 63 %
Maximum value of SAR (measured) = 3.68 W/kg

Configuration/250 mW 2/Z Scan (1x1x31): Measurement grid: dx=20 mm, dy=20 mm, dz=5 mm
Maximum value of SAR (measured) = 2.26 W/kg

Note: Liquid temp. is kept within the 2 degree.C. during the test.



C.25 20220823 750 MHz Ambient Temp_24.0 deg.C._Liquid Temp_23.5 deg.C

Communication System info

Communication System: UID 0, #CW (0)
Communication System Band: D750 (750.0 MHz)Duty Cycle: 1:1
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

Probe info:

Probe: EX3DV4 - SN3745 / Calibrated: 2022/04/19
ConvF(9.35, 9.35, 9.35) @ 750 MHz
Medium parameters used: $f = 750$ MHz; $\sigma = 0.901$ S/m; $\epsilon_r = 41.16$; $\rho = 1000$ kg/m³
Sensor-Surface: 1.4 mm (Mechanical Surface Detection), Sensor-Surface: 0 mm (Fix Surface)

DAE info:

Electronics: DAE4 Sn1372 / Calibrated: 2022/04/11

Phantom info:

Phantom: ELI v4.0 (20 deg probe tilt)/Phantom section: Flat Section
Type: QDOVA001BB
Serial: TP:1045

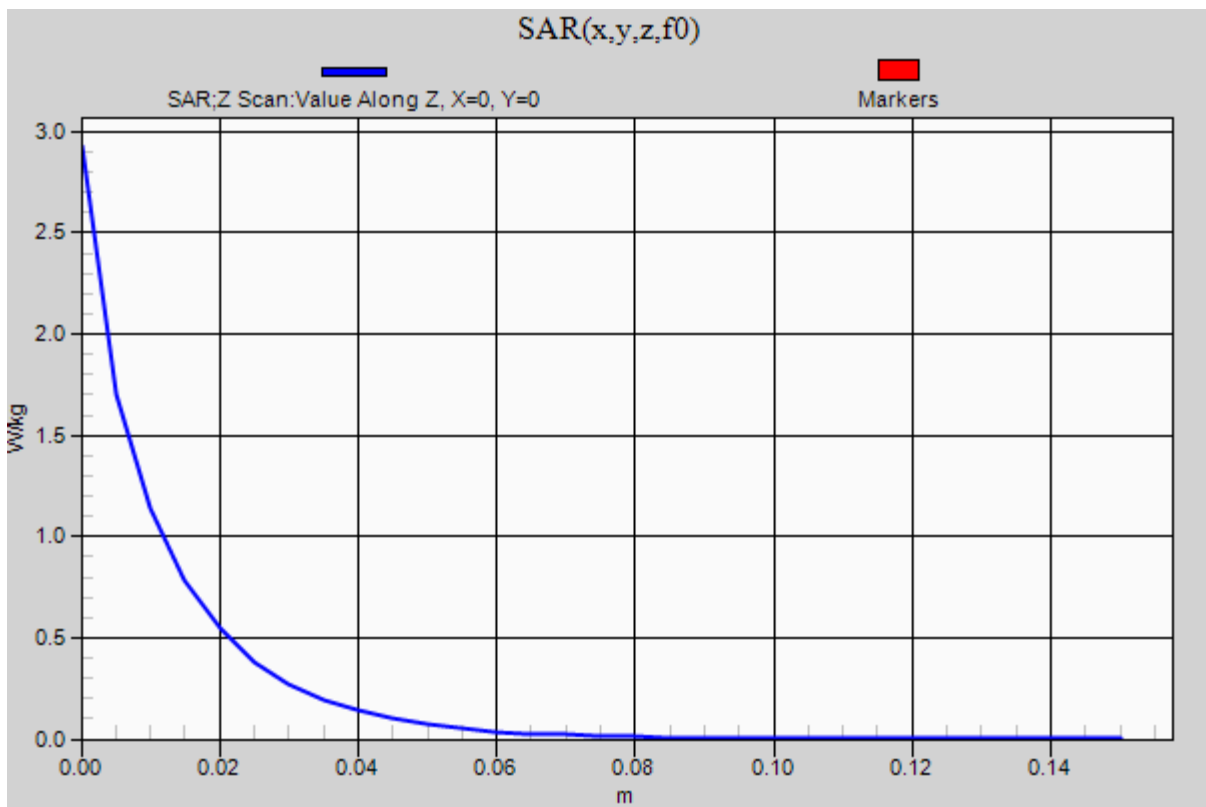
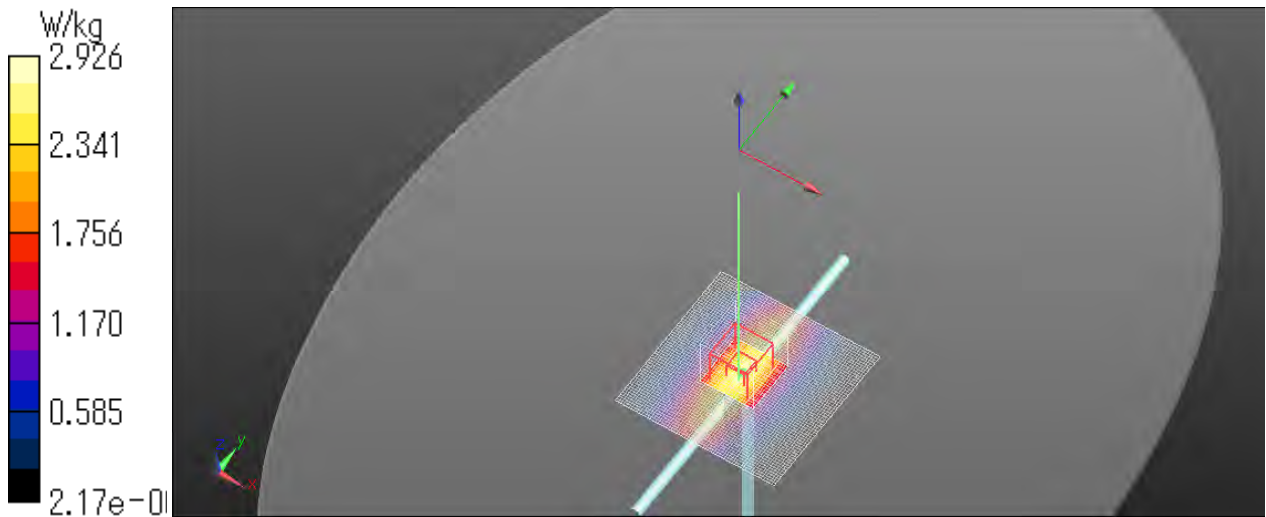
Software info DASYS 52.10.4(1535) SEMCAD X 14.6.14(7501)

Configuration/250 mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 2.60 W/kg

Configuration/250 mW/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5 mm
Reference Value = 56.93 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 3.04 W/kg
SAR(1 g) = 1.96 W/kg; SAR(10 g) = 1.27 W/kg
Smallest distance from peaks to all points 3 dB below = 19.4 mm
Ratio of SAR at M2 to SAR at M1 = 64 %
Maximum value of SAR (measured) = 2.65 W/kg

Configuration/250 mW/Z Scan (1x1x31): Measurement grid: dx=20 mm, dy=20 mm, dz=5 mm
Maximum value of SAR (measured) = 2.93 W/kg

Note: Liquid temp. is kept within the 2 degree.C. during the test.



C.26 20220823 835 MHz Ambient Temp_24.0 deg.C._Liquid Temp_23.5 deg.C

Communication System info

Communication System: UID 0, #CW (0)
Communication System Band: D835 (835.0 MHz)Duty Cycle: 1:1
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

Probe info:

Probe: EX3DV4 - SN3745 / Calibrated: 2022/04/19
ConvF(8.97, 8.97, 8.97) @ 835 MHz
Medium parameters used: $f = 835$ MHz; $\sigma = 0.92$ S/m; $\epsilon_r = 41.127$; $\rho = 1000$ kg/m³
Sensor-Surface: 1.4 mm (Mechanical Surface Detection), Sensor-Surface: 0 mm (Fix Surface)

DAE info:

Electronics: DAE4 Sn1372 / Calibrated: 2022/04/11

Phantom info:

Phantom: ELI v4.0 (20 deg probe tilt)/Phantom section: Flat Section
Type: QDOVA001BB
Serial: TP:1045

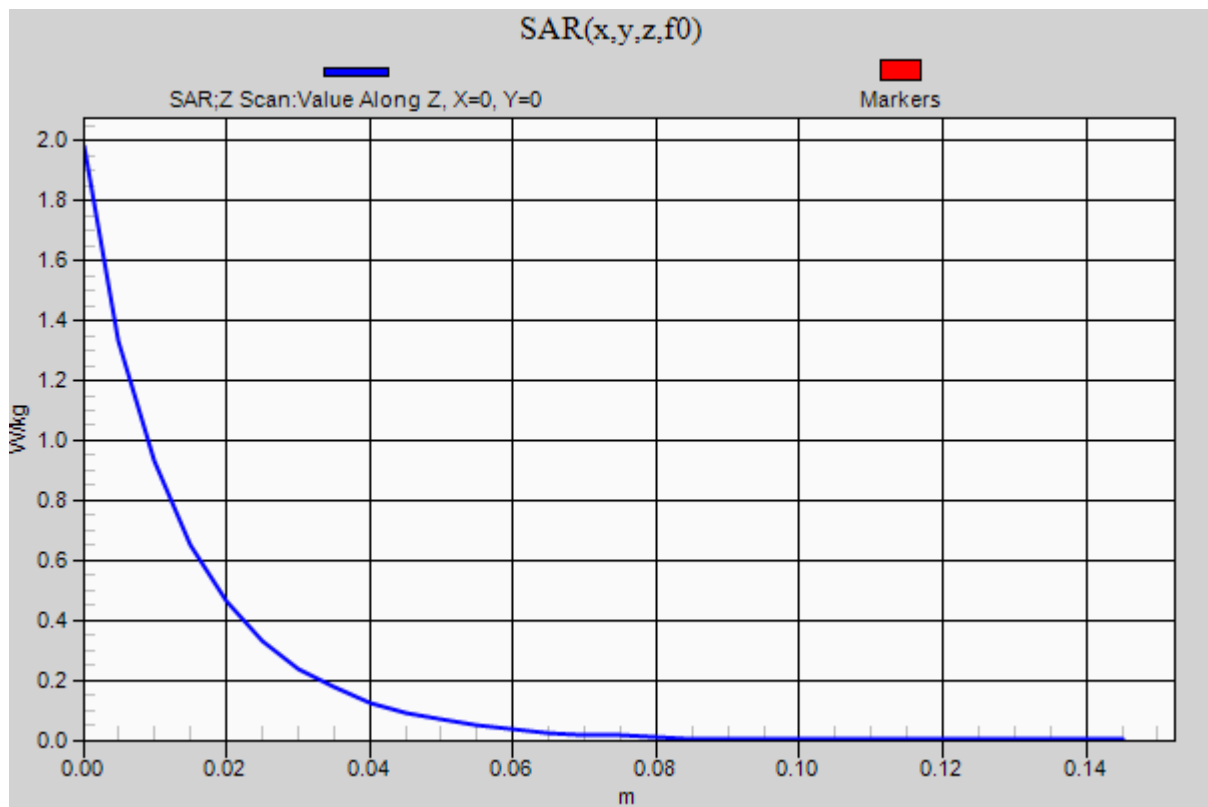
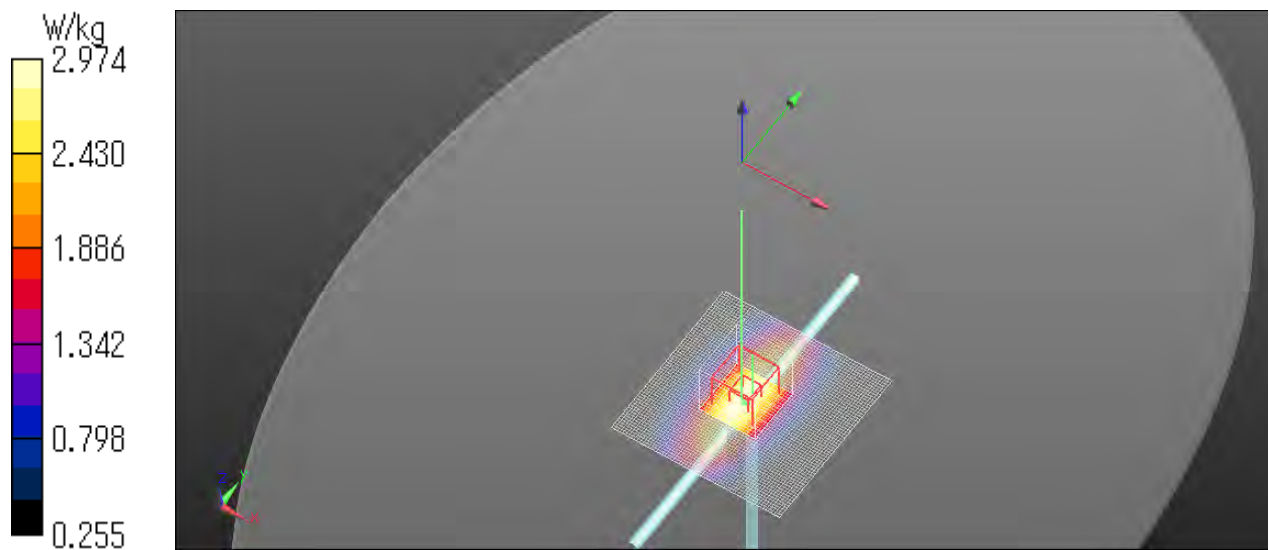
Software info DASY52 52.10.4(1535) SEMCAD X 14.6.14(7501)

Configuration/250 mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 2.96 W/kg

Configuration/250 mW/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5 mm
Reference Value = 60.00 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 3.35 W/kg
SAR(1 g) = 2.24 W/kg; SAR(10 g) = 1.47 W/kg
Smallest distance from peaks to all points 3 dB below = 17.5 mm
Ratio of SAR at M2 to SAR at M1 = 66.4 %
Maximum value of SAR (measured) = 2.97 W/kg

Configuration/250 mW 2/Z Scan (1x1x31): Measurement grid: dx=20 mm, dy=20 mm, dz=5 mm
Maximum value of SAR (measured) = 1.98 W/kg

Note: Liquid temp. is kept within the 2 degree.C. during the test.



C.27 20220823 1900 MHz Ambient Temp_24.0 deg.C._Liquid Temp_23.5 deg.C

Communication System info

Communication System: UID 0, #CW (0)
Communication System Band: D1900 (1900.0 MHz)Duty Cycle: 1:1
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

Probe info:

Probe: EX3DV4 - SN3745 / Calibrated: 2022/04/19
ConvF(7.53, 7.53, 7.53) @ 1900 MHz
Medium parameters used: $f = 1900$ MHz; $\sigma = 1.448$ S/m; $\epsilon_r = 38.512$; $\rho = 1000$ kg/m³
Sensor-Surface: 1.4 mm (Mechanical Surface Detection), Sensor-Surface: 0 mm (Fix Surface)

DAE info:

Electronics: DAE4 Sn1372 / Calibrated: 2022/04/11

Phantom info:

Phantom: ELI v4.0 (20 deg probe tilt)/Phantom section: Flat Section
Type: QDOVA001BB
Serial: TP:1045

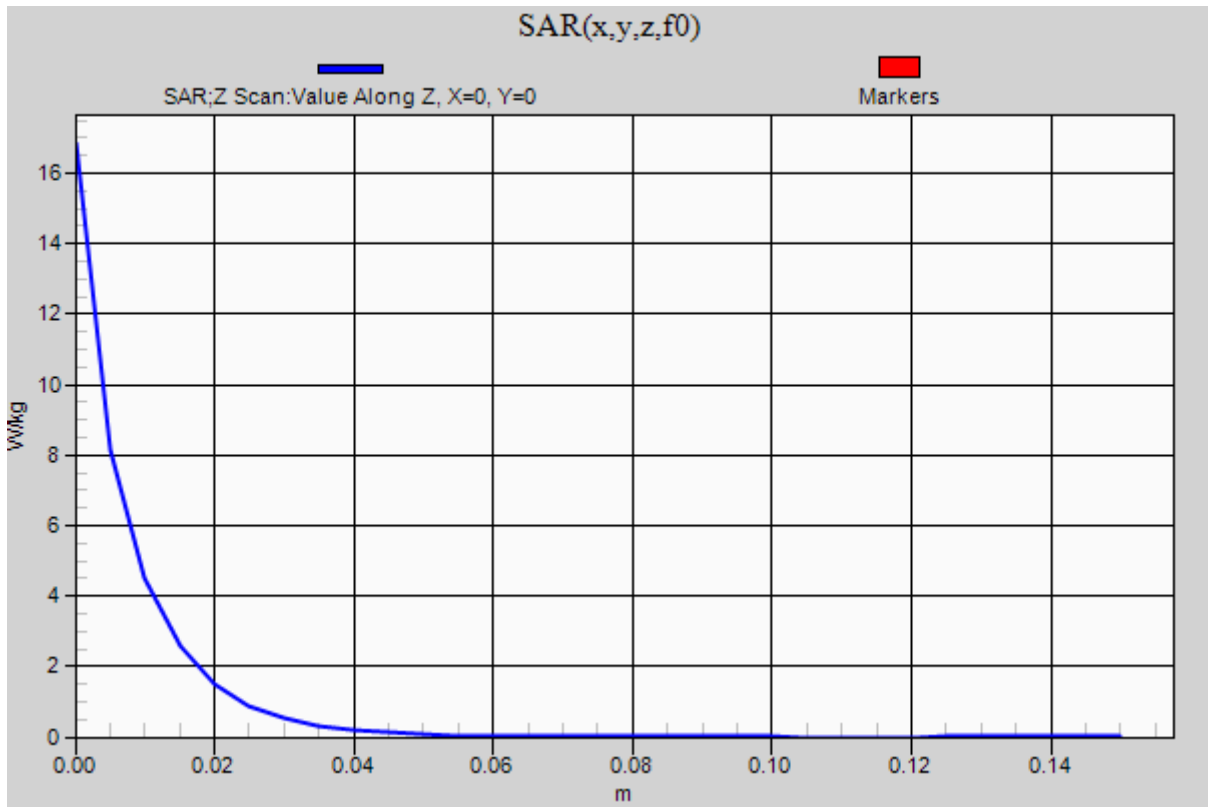
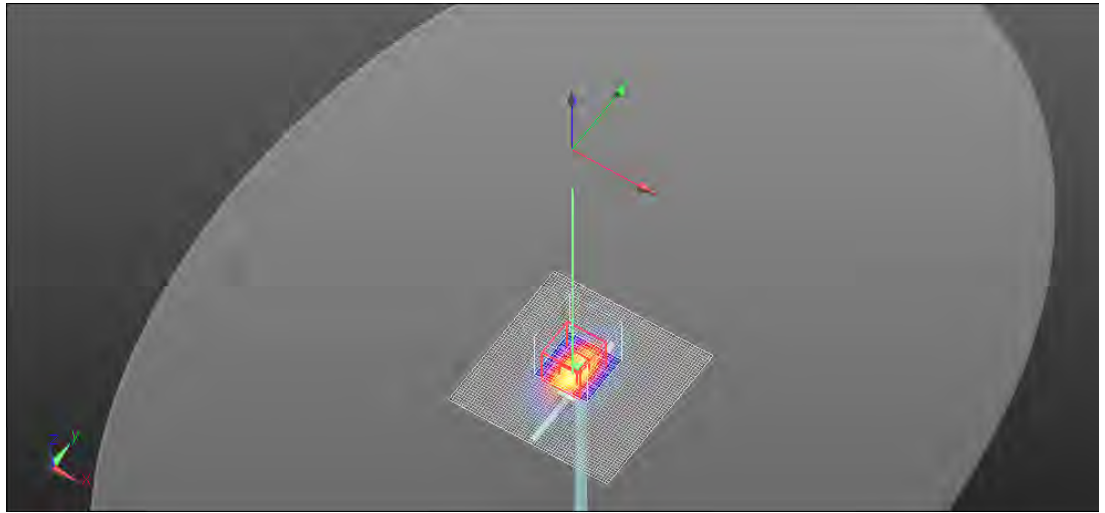
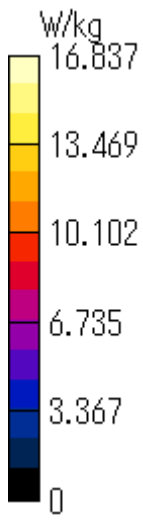
Software info DASYS2 52.10.4(1535) SEMCAD X 14.6.14(7501)

Configuration 2/250 mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 15.7 W/kg

Configuration 2/250 mW/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5 mm
Reference Value = 106.5 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 18.9 W/kg
SAR(1 g) = 9.84 W/kg; SAR(10 g) = 5.05 W/kg
Smallest distance from peaks to all points 3 dB below = 10 mm
Ratio of SAR at M2 to SAR at M1 = 52.3 %
Maximum value of SAR (measured) = 15.6 W/kg

Configuration 2/250 mW/Z Scan (1x1x31): Measurement grid: dx=20 mm, dy=20 mm, dz=5 mm
Maximum value of SAR (measured) = 16.8 W/kg

Note: Liquid temp. is kept within the 2 degree.C. during the test.



C.28 20220823 1750 MHz Ambient Temp_22.0 deg.C._Liquid Temp_22.0 deg.C

Communication System info

Communication System: UID 0, _CW (0)
Communication System Band: D1750 (1750.0 MHz)Duty Cycle: 1:1
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

Probe info:

Probe: EX3DV4 - SN3917 / Calibrated: 2022/05/17
ConvF(8.4, 8.4, 8.4) @ 1750 MHz
Medium parameters used: $f = 1750$ MHz; $\sigma = 1.309$ S/m; $\epsilon_r = 39.133$; $\rho = 1000$ kg/m³
Sensor-Surface: 1.4 mm (Mechanical Surface Detection)

DAE info:

Electronics: DAE4 Sn1369 / Calibrated: 2022/05/09

Phantom info:

Phantom: ELI v5.0 (20 deg probe tilt)/Phantom section: Flat Section
Type: QDOVA001BB
Serial: TP:1203

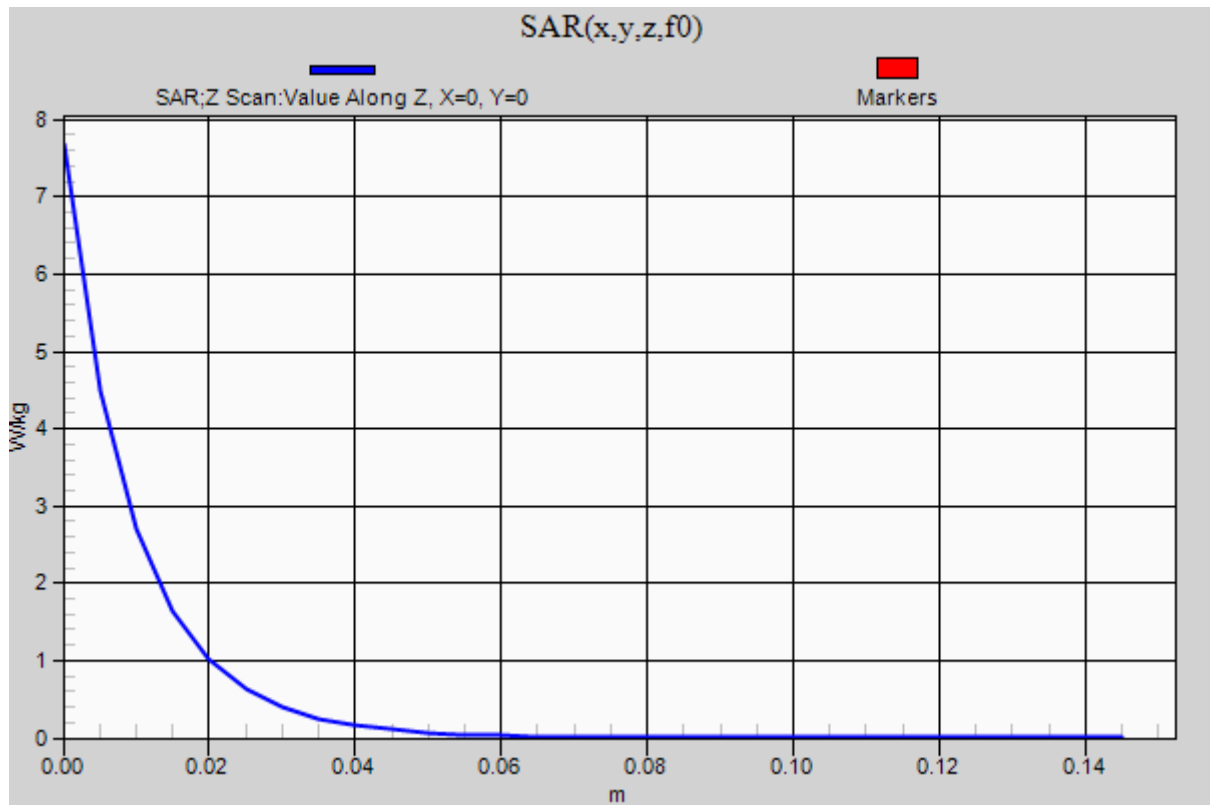
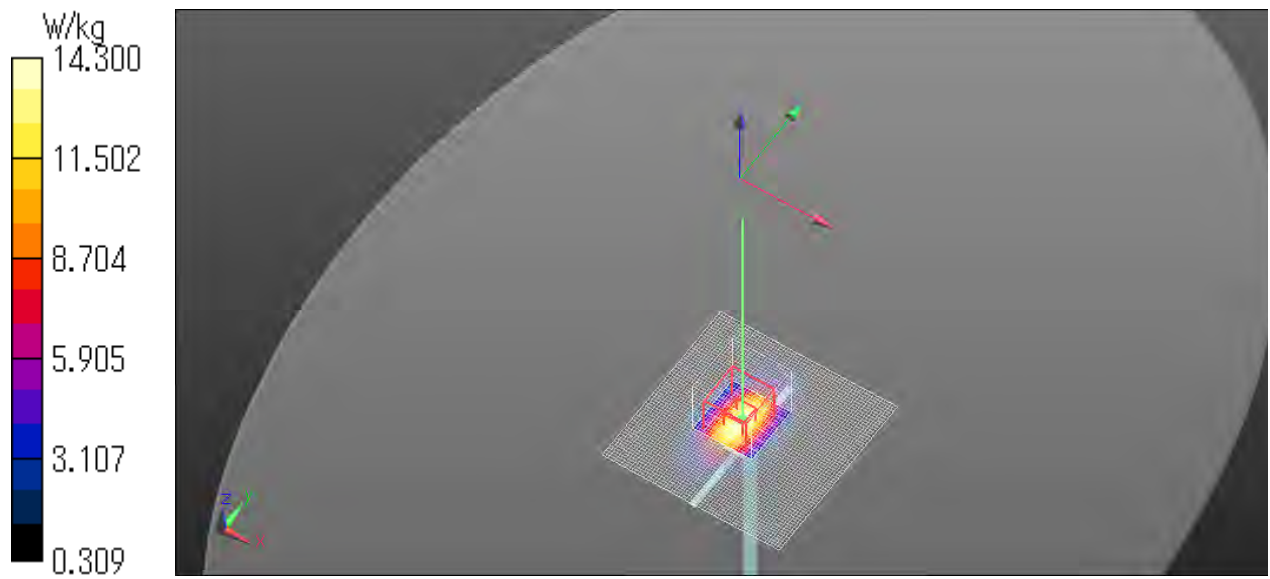
Software info DASYS 52.10.4(1535) SEMCAD X 14.6.14(7501)

Configuration/250 mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 13.8 W/kg

Configuration/250 mW/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5 mm
Reference Value = 106.3 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 17.3 W/kg
SAR(1 g) = 9.21 W/kg; SAR(10 g) = 4.92 W/kg
Smallest distance from peaks to all points 3 dB below = 10 mm
Ratio of SAR at M2 to SAR at M1 = 53.8 %
Maximum value of SAR (measured) = 14.3 W/kg

Configuration/250 mW/Z Scan 2 (1x1x24): Measurement grid: dx=20 mm, dy=20 mm, dz=5 mm
Maximum value of SAR (measured) = 7.67 W/kg

Note: Liquid temp. is kept within the 2 degree.C. during the test.



C.29 20220829 750 MHz Ambient Temp_24.0 deg.C._Liquid Temp_23.5 deg.C

Communication System info

Communication System: UID 0, #CW (0)
Communication System Band: D750 (750.0 MHz)Duty Cycle: 1:1
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

Probe info:

Probe: EX3DV4 - SN3825 / Calibrated: 2022/07/20
ConvF(9.83, 9.83, 9.83) @ 750 MHz
Medium parameters used: $f = 750$ MHz; $\sigma = 0.923$ S/m; $\epsilon_r = 42.029$; $\rho = 1000$ kg/m³
Sensor-Surface: 1.4 mm (Mechanical Surface Detection), Sensor-Surface: 0 mm (Fix Surface)

DAE info:

Electronics: DAE4 Sn509 / Calibrated: 2022/07/13

Phantom info:

Phantom: ELI v4.0 (20 deg probe tilt)/Phantom section: Flat Section
Type: QDOVA001BB
Serial: TP:1045

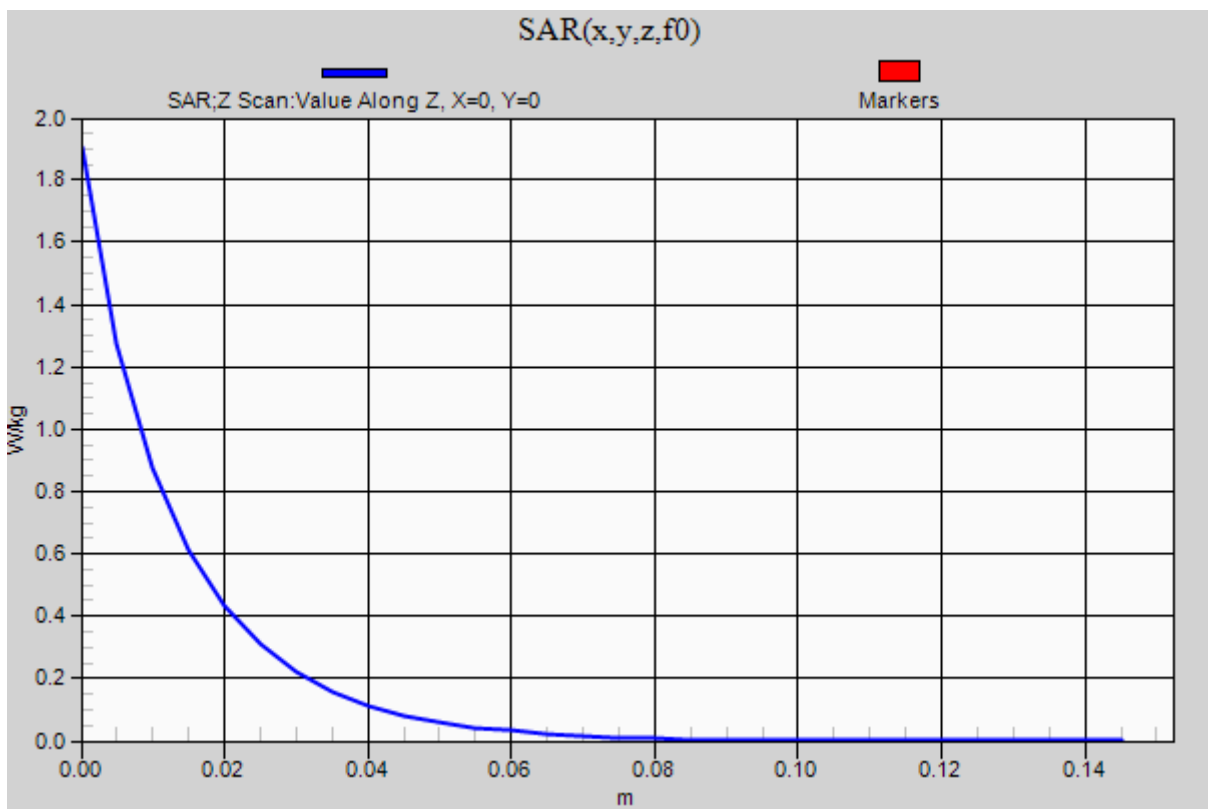
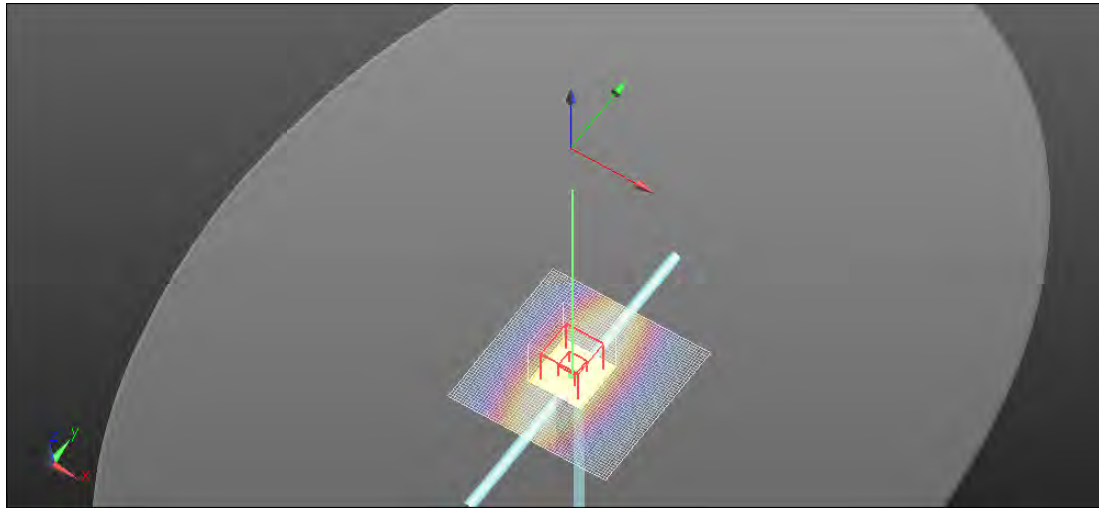
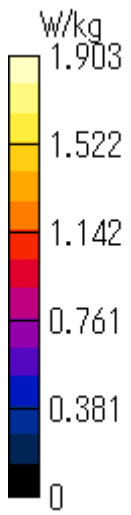
Software info DASY52 52.10.4(1535) SEMCAD X 14.6.14(7501)

Configuration/250 mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 2.92 W/kg

Configuration/250 mW/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5 mm
Reference Value = 58.50 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 3.34 W/kg
SAR(1 g) = 2.17 W/kg; SAR(10 g) = 1.41 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid (> 15 mm)
Ratio of SAR at M2 to SAR at M1 = 64.7 %
Maximum value of SAR (measured) = 2.95 W/kg

Configuration/250 mW/Z Scan (1x1x31): Measurement grid: dx=20 mm, dy=20 mm, dz=5 mm
Maximum value of SAR (measured) = 1.90 W/kg

Note: Liquid temp. is kept within the 2 degree.C. during the test.



C.30 20220829 835 MHz Ambient Temp_24.0 deg.C._Liquid Temp_23.5 deg.C

Communication System info

Communication System: UID 0, #CW (0)
Communication System Band: D835 (835.0 MHz)Duty Cycle: 1:1
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

Probe info:

Probe: EX3DV4 - SN3825 / Calibrated: 2022/07/20
ConvF(9.57, 9.57, 9.57) @ 835 MHz
Medium parameters used: $f = 835$ MHz; $\sigma = 0.966$ S/m; $\epsilon_r = 41.73$; $\rho = 1000$ kg/m³
Sensor-Surface: 1.4 mm (Mechanical Surface Detection), Sensor-Surface: 0 mm (Fix Surface)

DAE info:

Electronics: DAE4 Sn509 / Calibrated: 2022/07/13

Phantom info:

Phantom: ELI v4.0 (20 deg probe tilt)/Phantom section: Flat Section
Type: QDOVA001BB
Serial: TP:1045

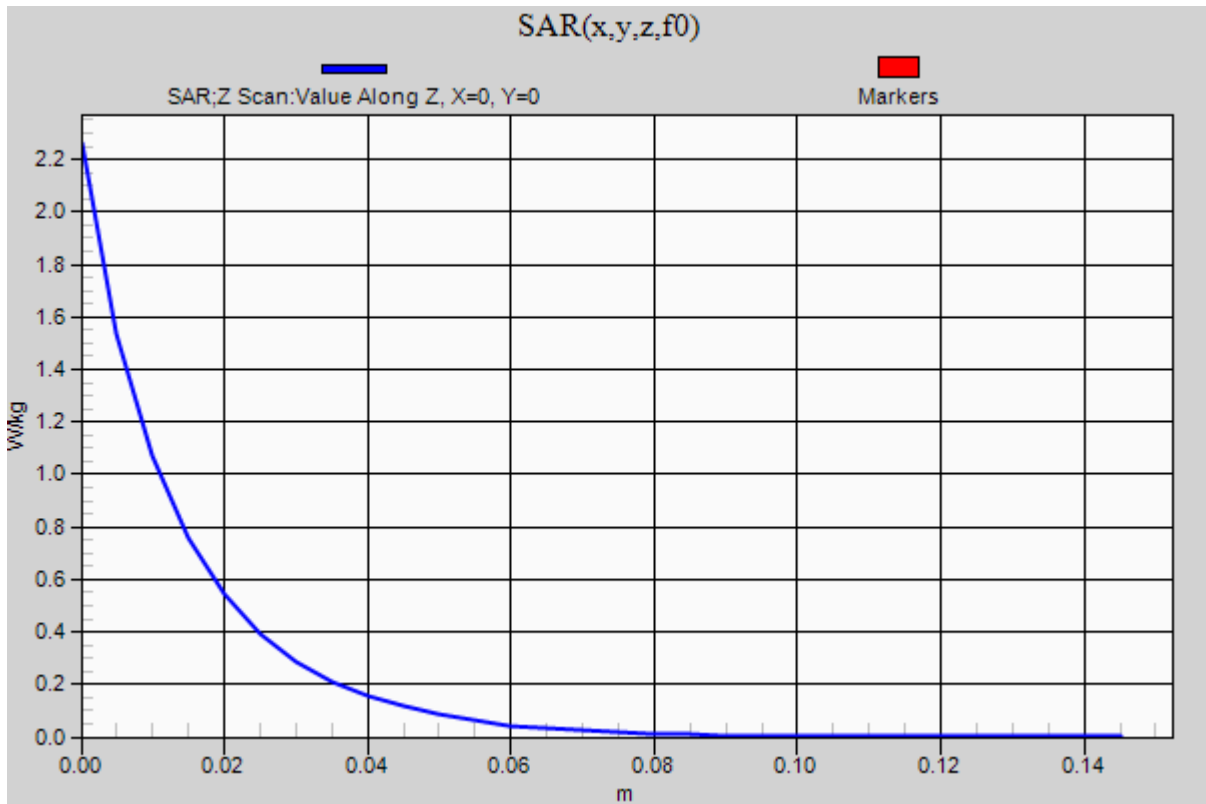
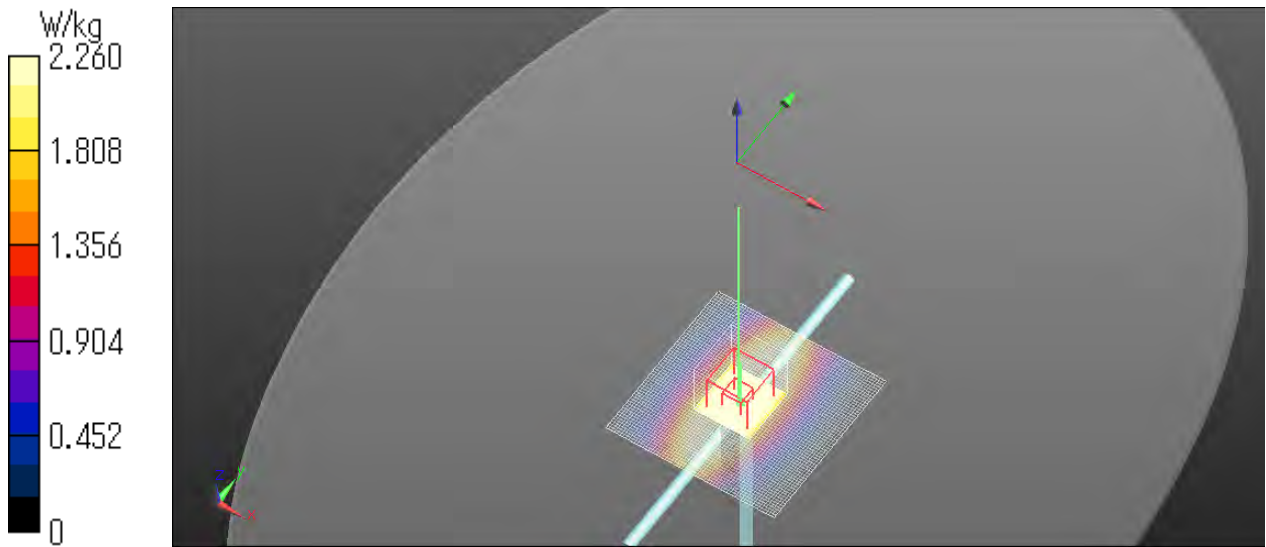
Software info DASYS 52.10.4(1535) SEMCAD X 14.6.14(7501)

Configuration/250 mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 3.42 W/kg

Configuration/250 mW/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5mm
Reference Value = 62.25 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 3.91 W/kg
SAR(1 g) = 2.57 W/kg; SAR(10 g) = 1.68 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 20 mm
Ratio of SAR at M2 to SAR at M1 = 65.7 %
Maximum value of SAR (measured) = 3.45 W/kg

Configuration/250 mW/Z Scan (1x1x31): Measurement grid: dx=20 mm, dy=20 mm, dz=5 mm
Maximum value of SAR (measured) = 2.26 W/kg

Note: Liquid temp. is kept within the 2 degree.C. during the test.



C.31 20220829 1900 MHz Ambient Temp_24.0 deg.C._Liquid Temp_23.5 deg.C

Communication System info

Communication System: UID 0, #CW (0)
Communication System Band: D1900 (1900.0 MHz)Duty Cycle: 1:1
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

Probe info:

Probe: EX3DV4 - SN3825 / Calibrated: 2022/07/20
ConvF(8.36, 8.36, 8.36) @ 1900 MHz
Medium parameters used: $f = 1900$ MHz; $\sigma = 1.44$ S/m; $\epsilon_r = 40.117$; $\rho = 1000$ kg/m³
Sensor-Surface: 1.4 mm (Mechanical Surface Detection), Sensor-Surface: 0 mm (Fix Surface)

DAE info:

Electronics: DAE4 Sn509 / Calibrated: 2022/07/13

Phantom info:

Phantom: ELI v4.0 (20 deg probe tilt)/Phantom section: Flat Section
Type: QDOVA001BB
Serial: TP:1045

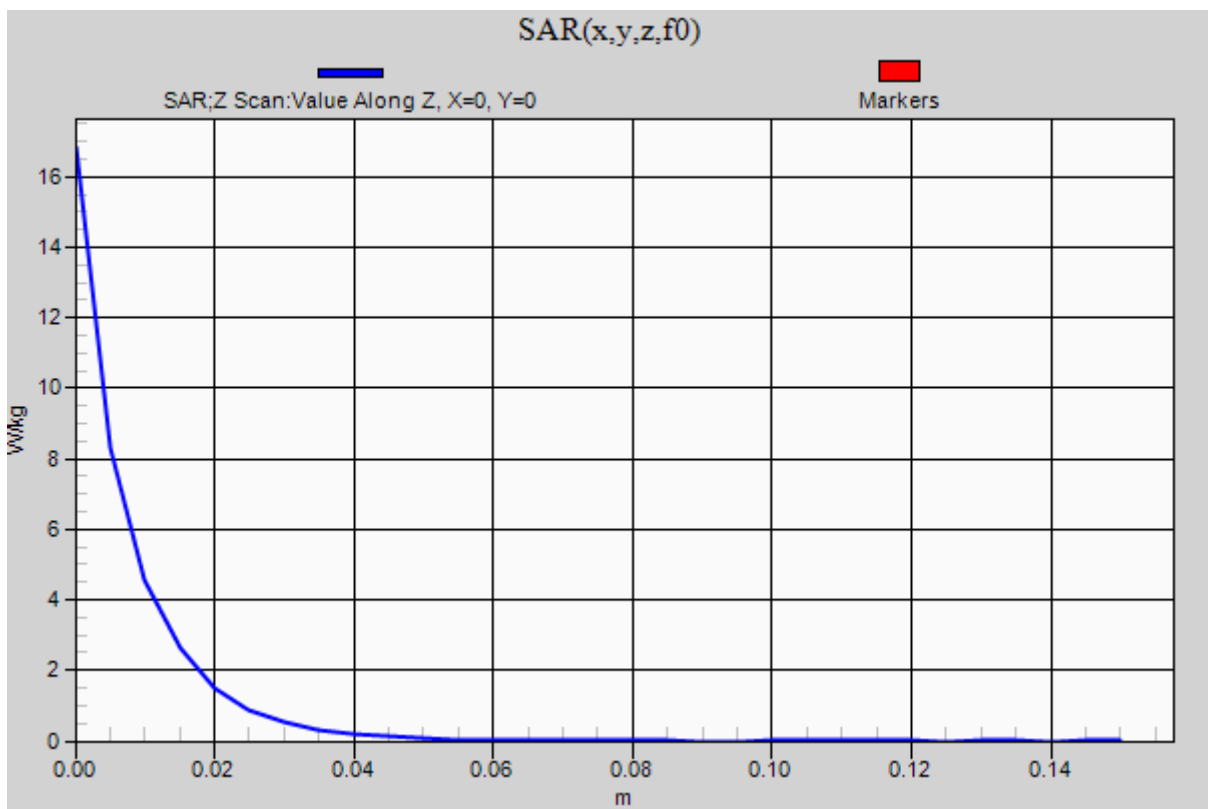
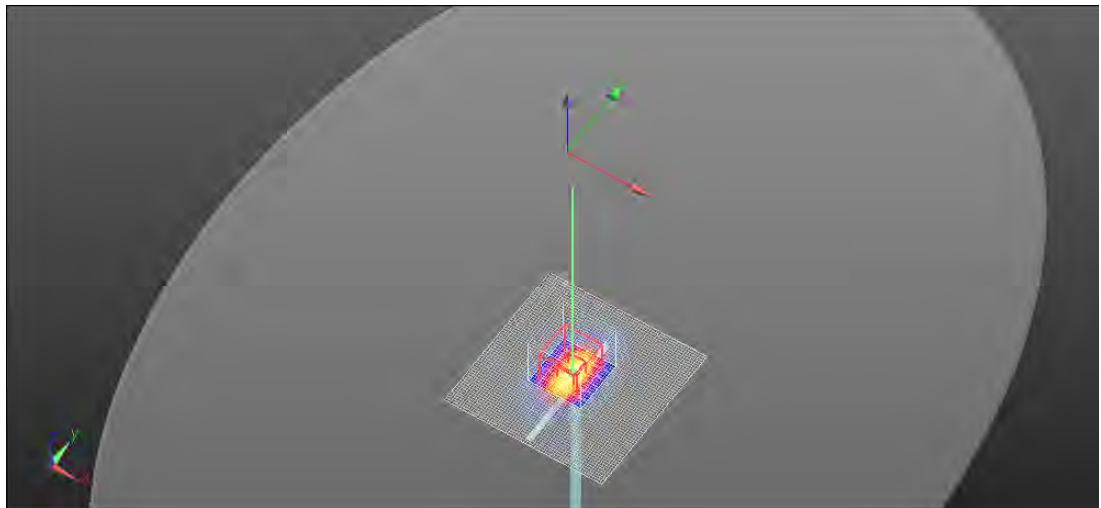
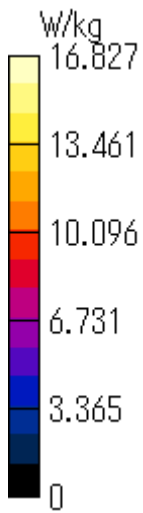
Software info DASYS2 52.10.4(1535) SEMCAD X 14.6.14(7501)

Configuration 2/250 mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 15.2 W/kg

Configuration 2/250 mW/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5 mm
Reference Value = 107.9 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 18.7 W/kg
SAR(1 g) = 9.91 W/kg; SAR(10 g) = 5.12 W/kg
Smallest distance from peaks to all points 3 dB below = 10 mm
Ratio of SAR at M2 to SAR at M1 = 53 %
Maximum value of SAR (measured) = 15.6 W/kg

Configuration 2/250 mW/Z Scan (1x1x31): Measurement grid: dx=20 mm, dy=20 mm, dz=5 mm
Maximum value of SAR (measured) = 16.8 W/kg

Note: Liquid temp. is kept within the 2 degree.C. during the test.



C.32 20220829 1750 MHz Ambient Temp_22.0 deg.C._Liquid Temp_22.0 deg.C

Communication System info

Communication System: UID 0, _CW (0)
Communication System Band: D1750 (1750.0 MHz)Duty Cycle: 1:1
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

Probe info:

Probe: EX3DV4 - SN3917 / Calibrated: 2022/05/17
ConvF(8.4, 8.4, 8.4) @ 1750 MHz
Medium parameters used: $f = 1750$ MHz; $\sigma = 1.313$ S/m; $\epsilon_r = 38.376$; $\rho = 1000$ kg/m³
Sensor-Surface: 1.4 mm (Mechanical Surface Detection), Sensor-Surface: 0 mm (Fix Surface)

DAE info:

Electronics: DAE4 Sn1369 / Calibrated: 2022/05/09

Phantom info:

Phantom: ELI v5.0 (20 deg probe tilt)/Phantom section: Flat Section
Type: QDOVA001BB
Serial: TP:1203

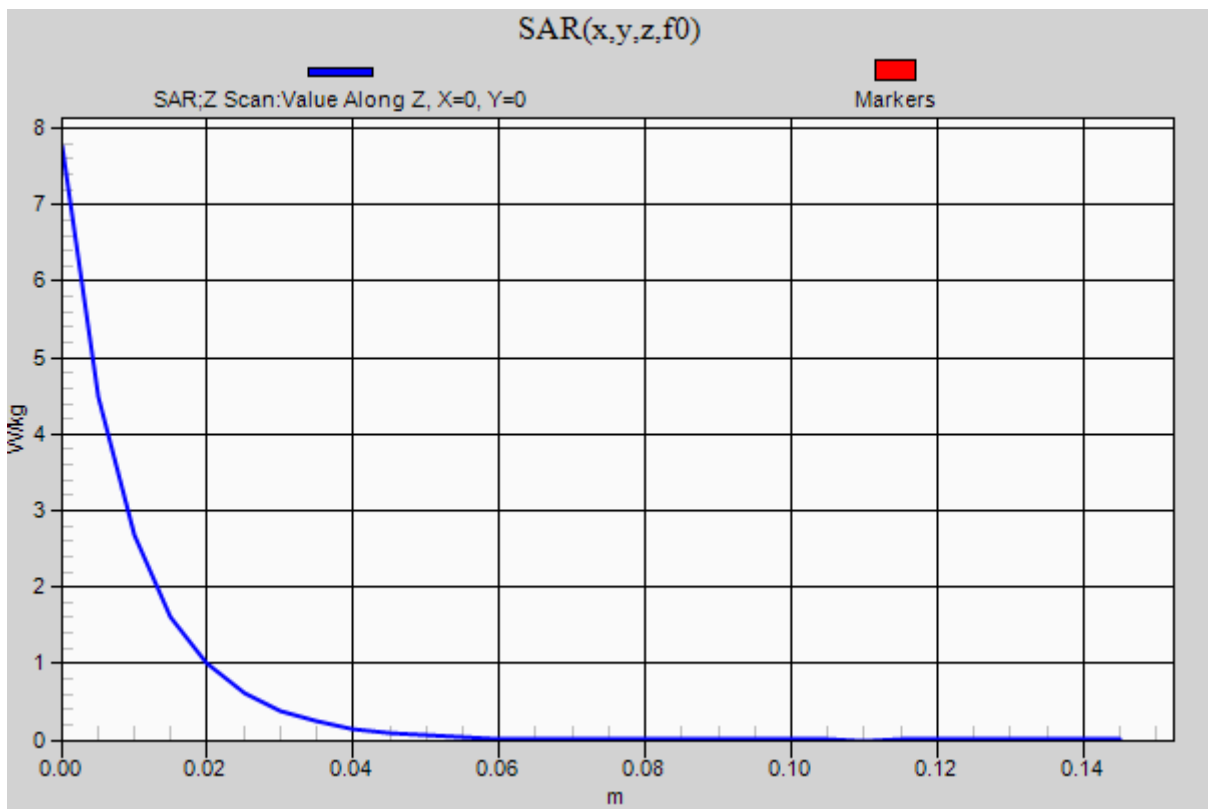
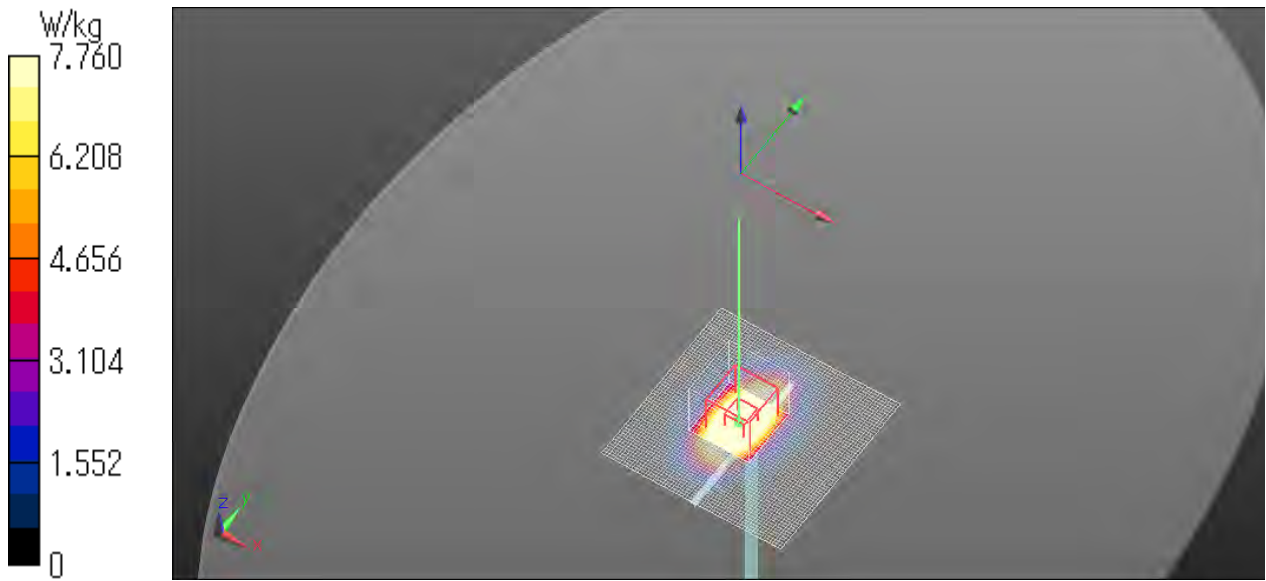
Software info DASYS 52.10.4(1535) SEMCAD X 14.6.14(7501)

Configuration/250 mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 13.9 W/kg

Configuration/250 mW/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5 mm
Reference Value = 107.6 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 17.6 W/kg
SAR(1 g) = 9.28 W/kg; SAR(10 g) = 4.93 W/kg
Smallest distance from peaks to all points 3 dB below = 10 mm
Ratio of SAR at M2 to SAR at M1 = 53.3 %
Maximum value of SAR (measured) = 14.6 W/kg

Configuration/250 mW/Z Scan (1x1x31): Measurement grid: dx=20 mm, dy=20 mm, dz=5 mm
Maximum value of SAR (measured) = 7.76 W/kg

Note: Liquid temp. is kept within the 2 degree.C. during the test.



C.33 20220905 3500 MHz Ambient Temp_25.0 deg.C._Liquid Temp_24.2 deg.C

Communication System info

Communication System: UID 0, _CW (0)
Communication System Band: D3500 (3500.0 MHz)Duty Cycle: 1:1
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

Probe info:

Probe: EX3DV4 - SN3825 / Calibrated: 2022/07/20
ConvF(6.63, 6.63, 6.63) @ 3500 MHz
Medium parameters used: $f = 3500$ MHz; $\sigma = 3$ S/m; $\epsilon_r = 39.535$; $\rho = 1000$ kg/m³
Sensor-Surface: 1.4 mm (Mechanical Surface Detection)

DAE info:

Electronics: DAE4 Sn509 / Calibrated: 2022/07/13

Phantom info:

Phantom: ELI v4.0 (20 deg probe tilt)/Phantom section: Flat Section
Type: QDOVA001BB
Serial: TP:1045

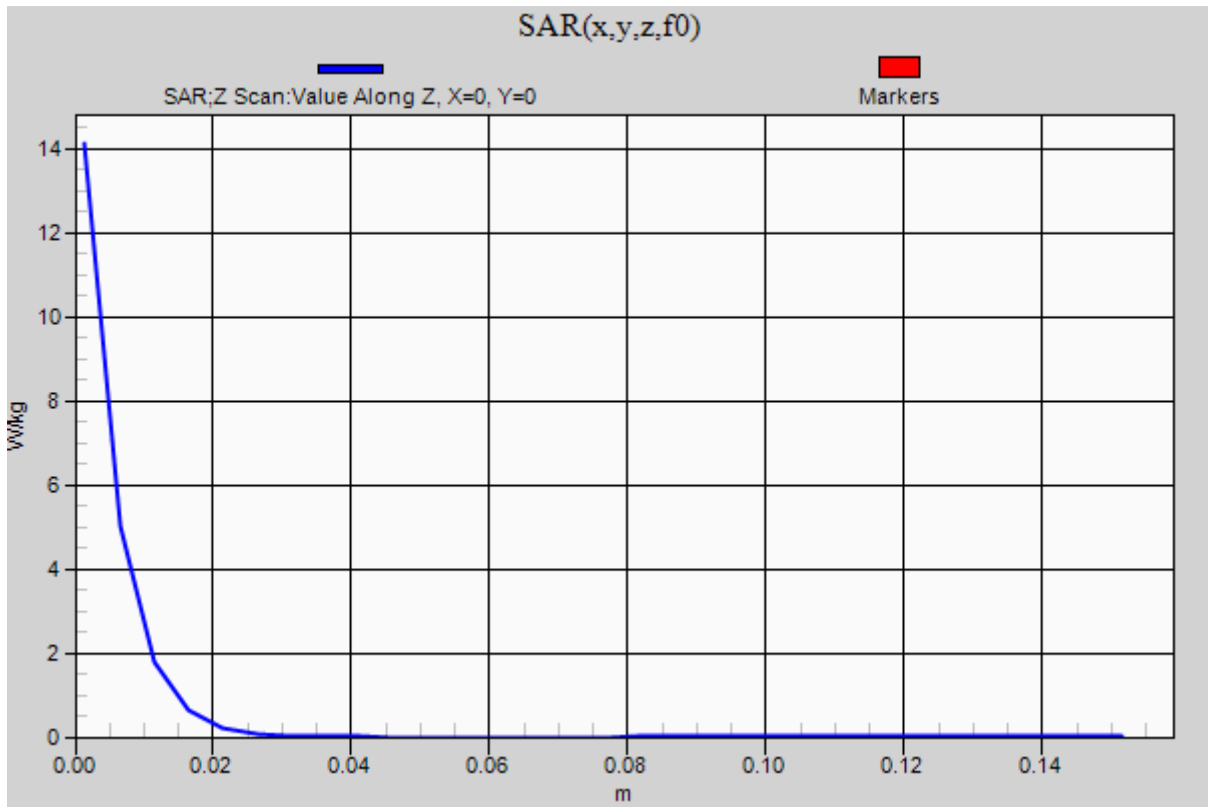
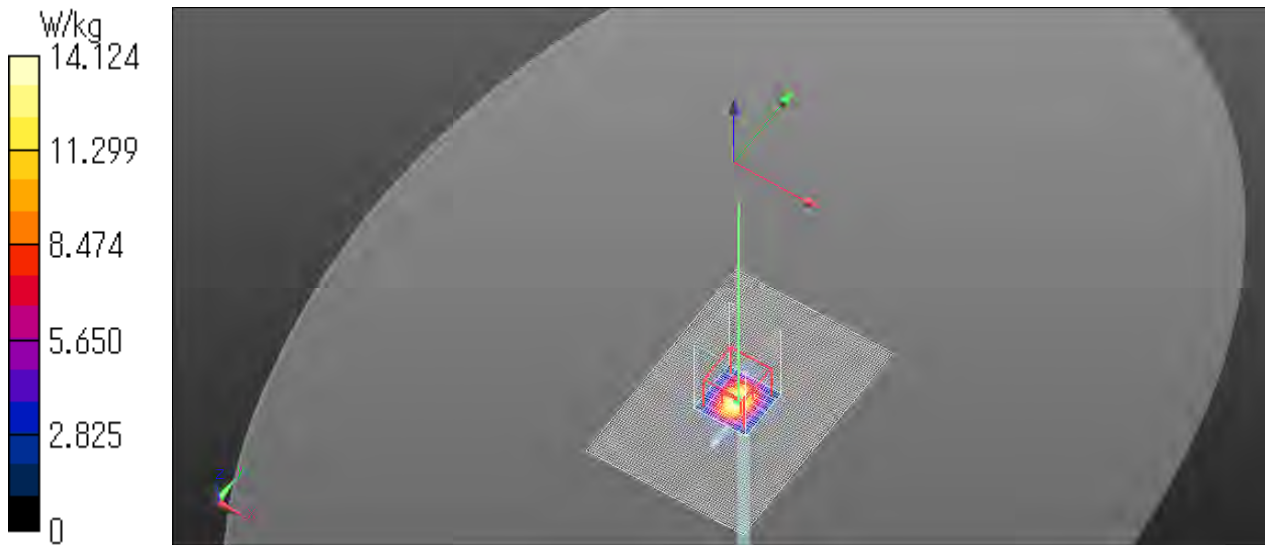
Software info DASYS2 52.10.4(1535) SEMCAD X 14.6.14(7501)

Configuration/3500 MHz/Area Scan (71x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 14.0 W/kg

Configuration/3500 MHz/Zoom Scan (8x8x9)/Cube 0: Measurement grid: dx=4 mm, dy=4 mm, dz=1.4 mm
Reference Value = 72.56 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 19.0 W/kg
SAR(1 g) = 7.07 W/kg; SAR(10 g) = 2.63 W/kg
Smallest distance from peaks to all points 3 dB below = 8 mm
Ratio of SAR at M2 to SAR at M1 = 75.5 %
Maximum value of SAR (measured) = 13.3 W/kg

Configuration/3500 MHz/Z Scan (1x1x31): Measurement grid: dx=20 mm, dy=20 mm, dz=5 mm
Maximum value of SAR (measured) = 14.1 W/kg

Note: Liquid temp. is kept within the 2 degree.C. during the test.



C.34 20220905 3900 MHz Ambient Temp_25.0 deg.C._Liquid Temp_24.2 deg.C

Communication System info

Communication System: UID 0, #CW (0)
Communication System Band: D3900 [3900MHz]Duty Cycle: 1:1
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

Probe info:

Probe: EX3DV4 - SN3825 / Calibrated: 2022/07/20
ConvF(6.44, 6.44, 6.44) @ 3900 MHz
Medium parameters used: $f = 3900$ MHz; $\sigma = 3.317$ S/m; $\epsilon_r = 39.135$; $\rho = 1000$ kg/m³
Sensor-Surface: 1.4 mm (Mechanical Surface Detection)

DAE info:

Electronics: DAE4 Sn509 / Calibrated: 2022/07/13

Phantom info:

Phantom: ELI v4.0 (20 deg probe tilt)/Phantom section: Flat Section
Type: QDOVA001BB
Serial: TP:1045

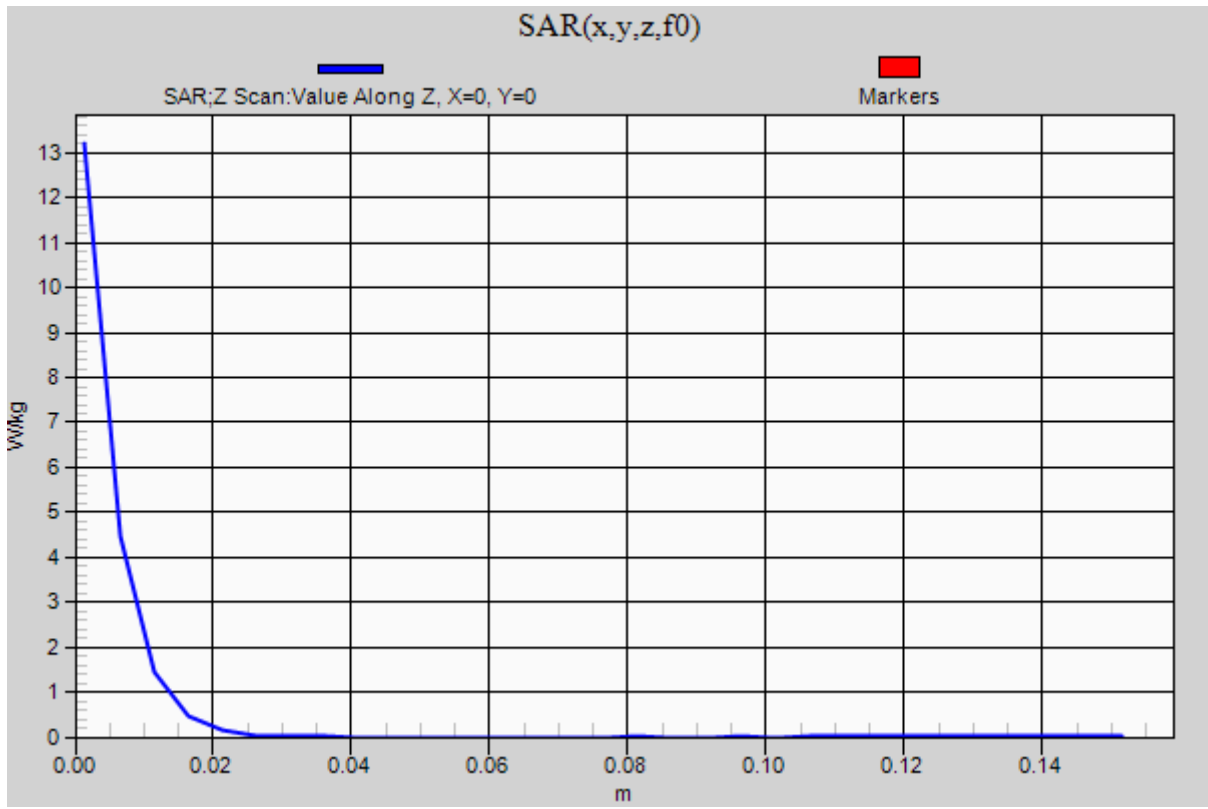
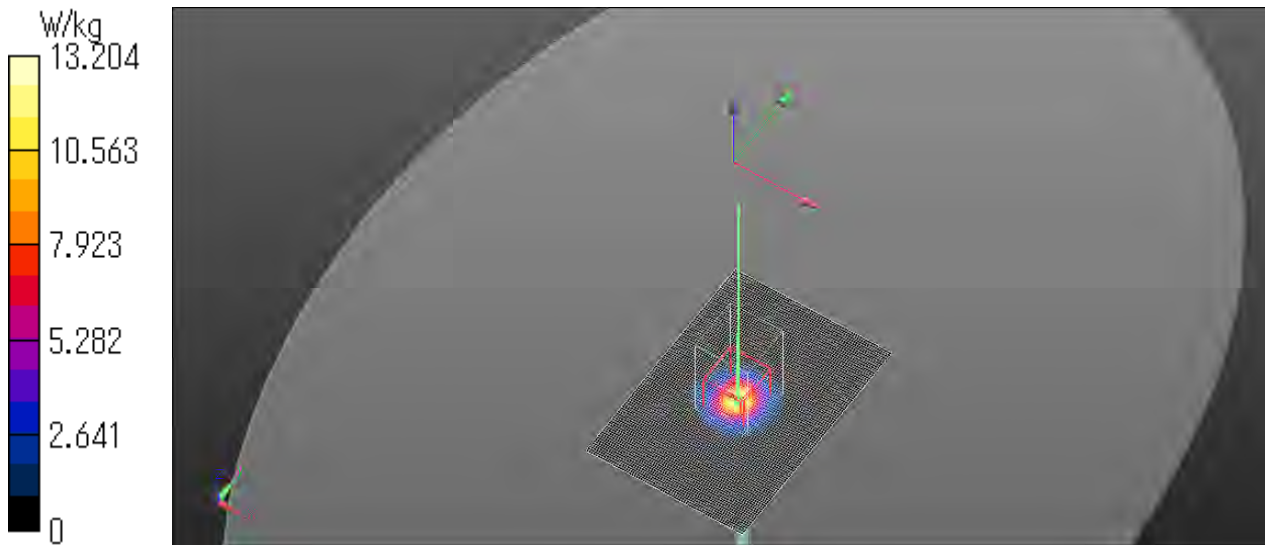
Software info DASYS2 52.10.4(1535) SEMCAD X 14.6.14(7501)

Configuration 2/3900 MHz/Area Scan (71x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 12.6 W/kg

Configuration 2/3900 MHz/Zoom Scan (8x8x9)/Cube 0: Measurement grid: dx=4 mm, dy=4 mm, dz=1.4 mm
Reference Value = 69.19 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 17.4 W/kg
SAR(1 g) = 6.43 W/kg; SAR(10 g) = 2.22 W/kg
Smallest distance from peaks to all points 3 dB below = 8 mm
Ratio of SAR at M2 to SAR at M1 = 75 %
Maximum value of SAR (measured) = 12.5 W/kg

Configuration 2/3900 MHz/Z Scan (1x1x31): Measurement grid: dx=20 mm, dy=20 mm, dz=5 mm
Maximum value of SAR (measured) = 13.2 W/kg

Note: Liquid temp. is kept within the 2 degree.C. during the test.



C.35 20220906 2600 MHz Ambient Temp_23.5 deg.C._Liquid Temp_23.5 deg.C

Communication System info

Communication System: UID 0, _CW (0)
Communication System Band: D2600 (2600.0 MHz)Duty Cycle: 1:1
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

Probe info:

Probe: EX3DV4 - SN3917 / Calibrated: 2022/05/17
ConvF(7.47, 7.47, 7.47) @ 2600 MHz
Medium parameters used: $f = 2600$ MHz; $\sigma = 1.901$ S/m; $\epsilon_r = 39.506$; $\rho = 1000$ kg/m³
Sensor-Surface: 1.4 mm (Mechanical Surface Detection), Sensor-Surface: 0 mm (Fix Surface)

DAE info:

Electronics: DAE4 Sn1369 / Calibrated: 2022/05/09

Phantom info:

Phantom: ELI v5.0 (20 deg probe tilt)/Phantom section: Flat Section
Type: QDOVA001BB
Serial: TP:1203

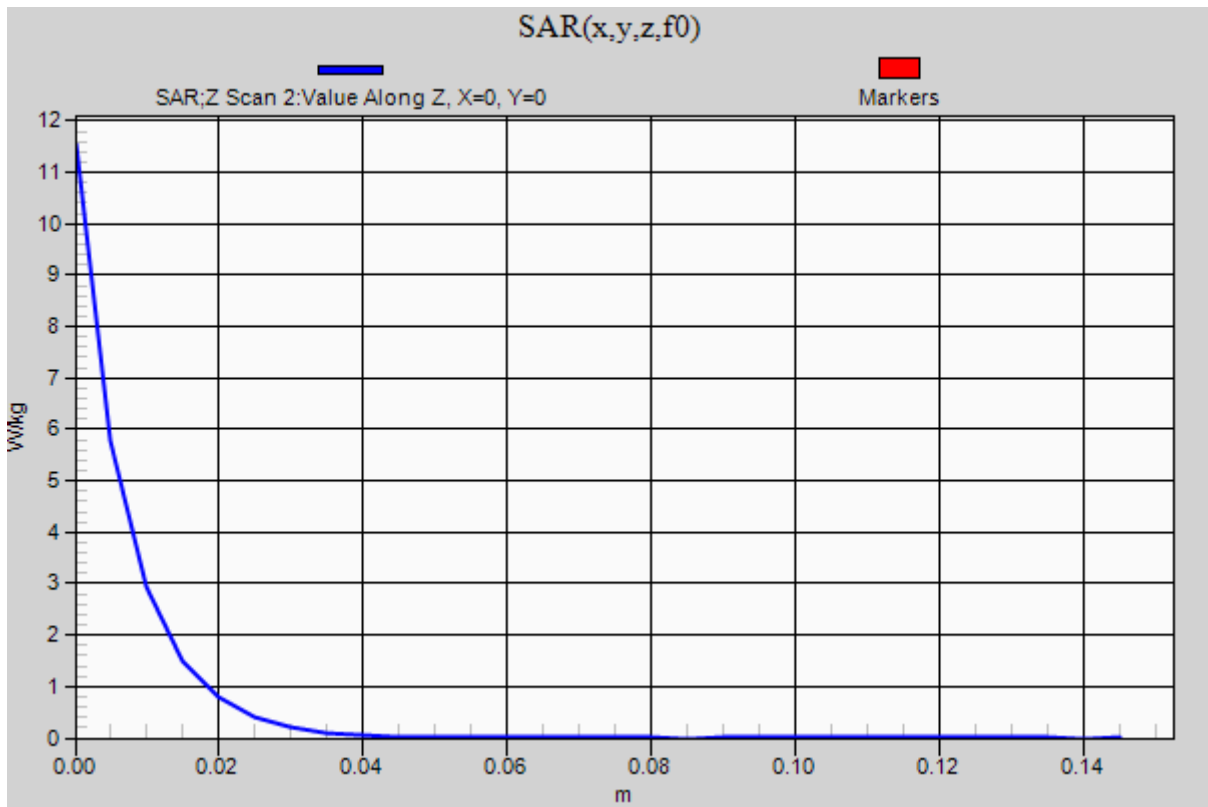
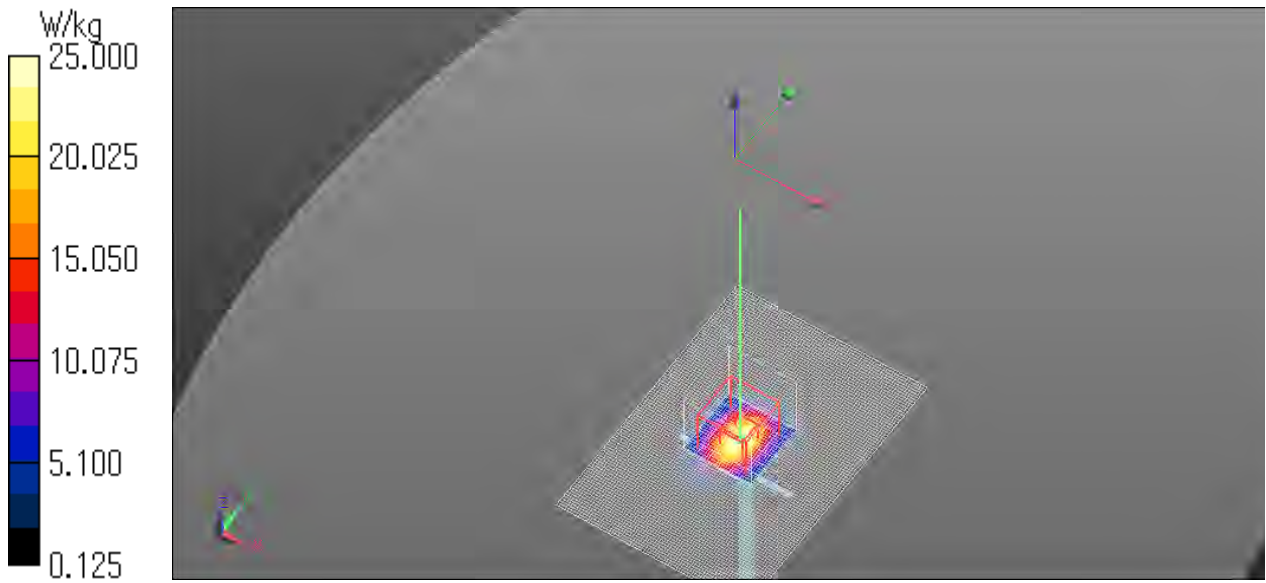
Software info DASYS2 52.10.4(1535) SEMCAD X 14.6.14(7501)

Configuration/2600 MHz/Area Scan (71x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 25.2 W/kg

Configuration/2600 MHz/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5 mm
Reference Value = 116.8 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 31.7 W/kg
SAR(1 g) = 14.4 W/kg; SAR(10 g) = 6.49 W/kg
Smallest distance from peaks to all points 3 dB below = 9 mm
Ratio of SAR at M2 to SAR at M1 = 46.1 %
Maximum value of SAR (measured) = 25.0 W/kg

Configuration/2600 MHz/Z Scan 2 (1x1x31): Measurement grid: dx=20 mm, dy=20 mm, dz=5 mm
Maximum value of SAR (measured) = 11.5 W/kg

Note: Liquid temp. is kept within the 2 degree.C. during the test.



C.36 20220907 835 MHz Ambient Temp_23.0 deg.C._Liquid Temp_23.0 deg.C

Communication System info

Communication System: UID 0, #CW (0)
Communication System Band: D835 (835.0 MHz)Duty Cycle: 1:1
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

Probe info:

Probe: EX3DV4 - SN3917 / Calibrated: 2022/05/17
ConvF(9.71, 9.71, 9.71) @ 835 MHz
Medium parameters used: $f = 835$ MHz; $\sigma = 0.933$ S/m; $\epsilon_r = 41.622$; $\rho = 1000$ kg/m³
Sensor-Surface: 1.4 mm (Mechanical Surface Detection), Sensor-Surface: 0 mm (Fix Surface)

DAE info:

Electronics: DAE4 Sn1369 / Calibrated: 2022/05/09

Phantom info:

Phantom: ELI v5.0 (20 deg probe tilt)/Phantom section: Flat Section
Type: QDOVA001BB
Serial: TP:1203

Software info DASYS 52.10.4(1535) SEMCAD X 14.6.14(7501)

Configuration 3/250 mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 3.57 W/kg

Configuration 3/250 mW/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5 mm

Reference Value = 63.96 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 4.00 W/kg

SAR(1 g) = 2.61 W/kg; SAR(10 g) = 1.69 W/kg

Smallest distance from peaks to all points 3 dB below = 16.6 mm

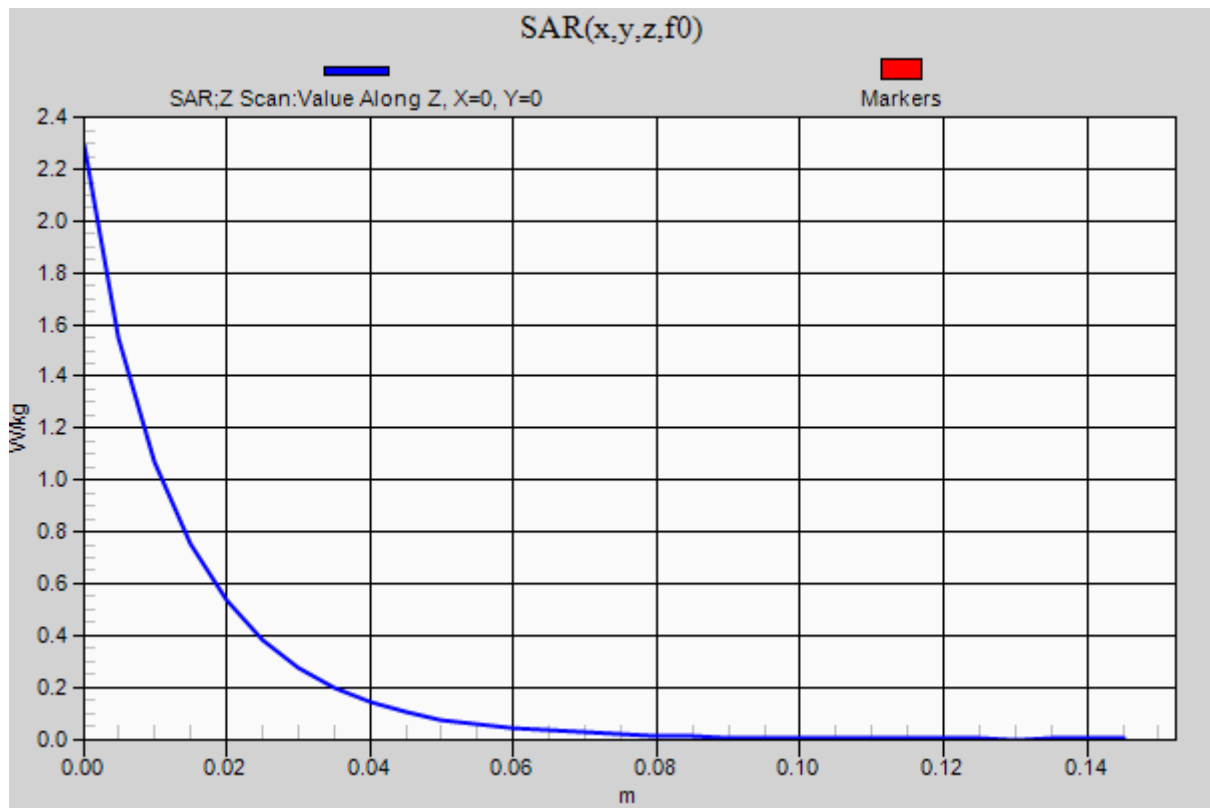
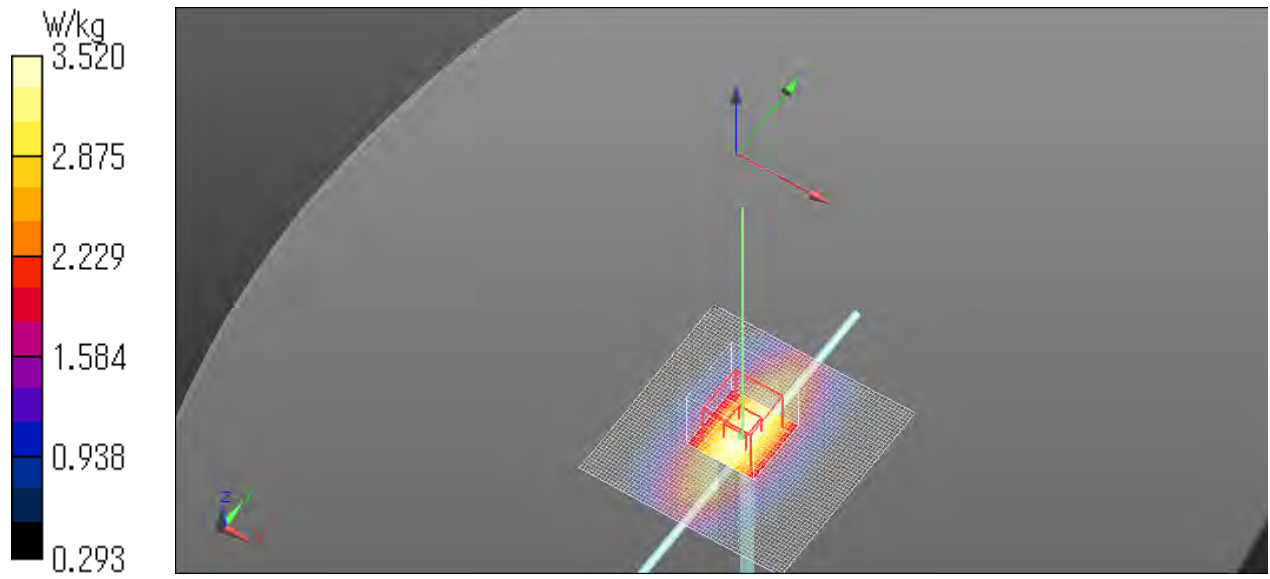
Ratio of SAR at M2 to SAR at M1 = 65.4 %

Maximum value of SAR (measured) = 3.52 W/kg

Configuration 3/250 mW/Z Scan (1x1x31): Measurement grid: dx=20 mm, dy=20 mm, dz=5 mm

Maximum value of SAR (measured) = 2.29 W/kg

Note: Liquid temp. is kept within the 2 degree.C. during the test.



C.37 20220907 1750 MHz Ambient Temp_23.0 deg.C._Liquid Temp_23.0 deg.C

Communication System info

Communication System: UID 0, _CW (0)
Communication System Band: D1750 (1750.0 MHz)Duty Cycle: 1:1
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

Probe info:

Probe: EX3DV4 - SN3917 / Calibrated: 2022/05/17
ConvF(8.4, 8.4, 8.4) @ 1750 MHz
Medium parameters used: $f = 1750$ MHz; $\sigma = 1.336$ S/m; $\epsilon_r = 39.956$; $\rho = 1000$ kg/m³
Sensor-Surface: 1.4 mm (Mechanical Surface Detection), Sensor-Surface: 0 mm (Fix Surface)

DAE info:

Electronics: DAE4 Sn1369 / Calibrated: 2022/05/09

Phantom info:

Phantom: ELI v5.0 (20 deg probe tilt)/Phantom section: Flat Section
Type: QDOVA001BB
Serial: TP:1203

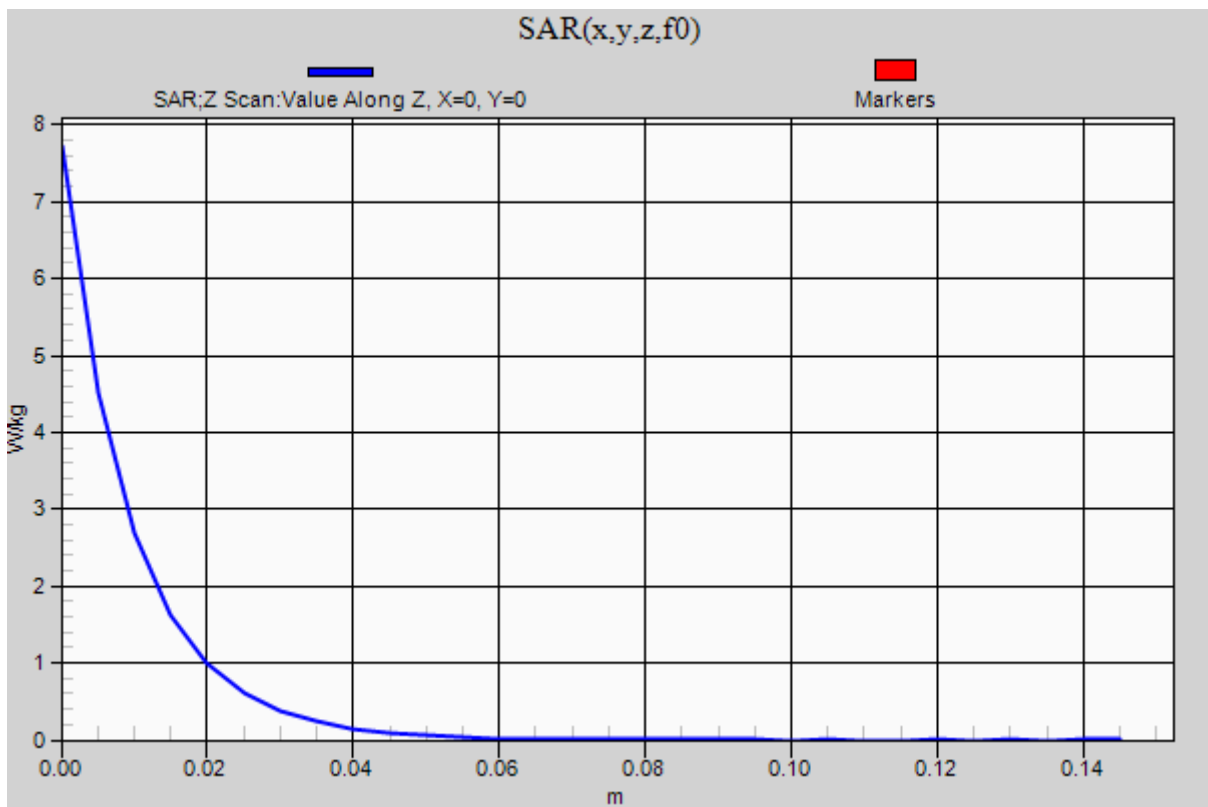
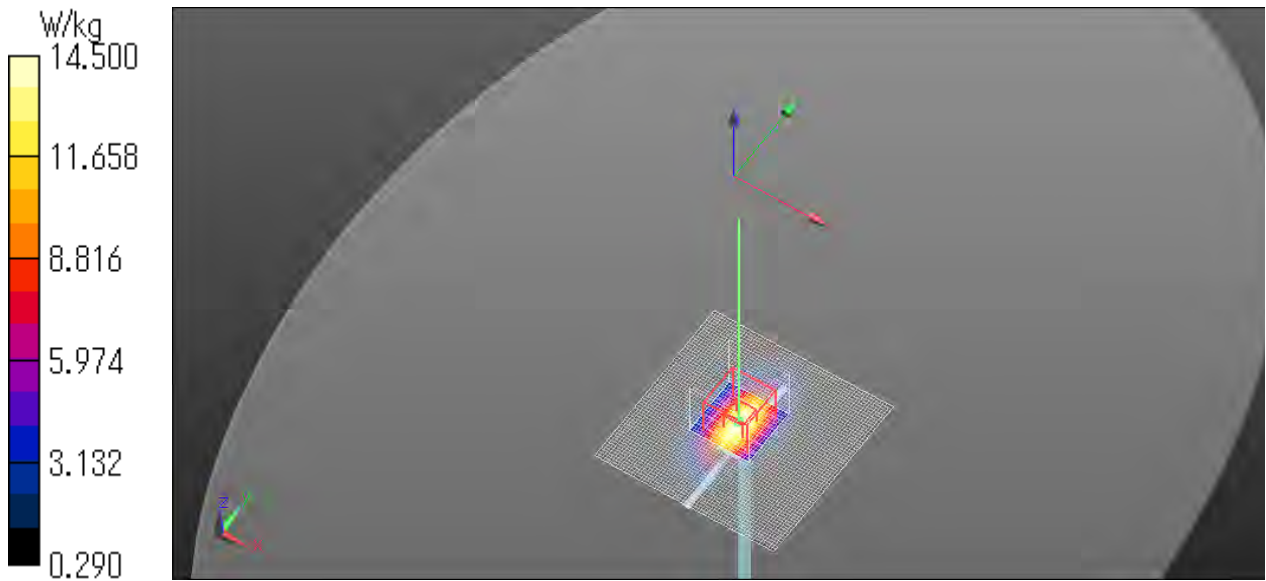
Software info DASYS2 52.10.4(1535) SEMCAD X 14.6.14(7501)

Configuration/250 mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 14.5 W/kg

Configuration/250 mW/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5 mm
Reference Value = 107.3 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 17.9 W/kg
SAR(1 g) = 9.29 W/kg; SAR(10 g) = 4.91 W/kg
Smallest distance from peaks to all points 3 dB below = 10 mm
Ratio of SAR at M2 to SAR at M1 = 52.8 %
Maximum value of SAR (measured) = 14.5 W/kg

Configuration/250 mW/Z Scan (1x1x31): Measurement grid: dx=20 mm, dy=20 mm, dz=5 mm
Maximum value of SAR (measured) = 7.71 W/kg

Note: Liquid temp. is kept within the 2 degree.C. during the test.



C.38 20220909 3500 MHz Ambient Temp_23.3 deg.C._Liquid Temp_22.9 deg.C

Communication System info

Communication System: UID 0, _CW (0)
Communication System Band: D3500 (3500.0 MHz)Duty Cycle: 1:1
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

Probe info:

Probe: EX3DV4 - SN3825 / Calibrated: 2022/07/20
ConvF(6.63, 6.63, 6.63) @ 3500 MHz
Medium parameters used: $f = 3500$ MHz; $\sigma = 2.937$ S/m; $\epsilon_r = 38.047$; $\rho = 1000$ kg/m³
Sensor-Surface: 1.4 mm (Mechanical Surface Detection)

DAE info:

Electronics: DAE4 Sn509 / Calibrated: 2022/07/13

Phantom info:

Phantom: ELI v4.0 (20 deg probe tilt)/Phantom section: Flat Section
Type: QDOVA001BB
Serial: TP:1045

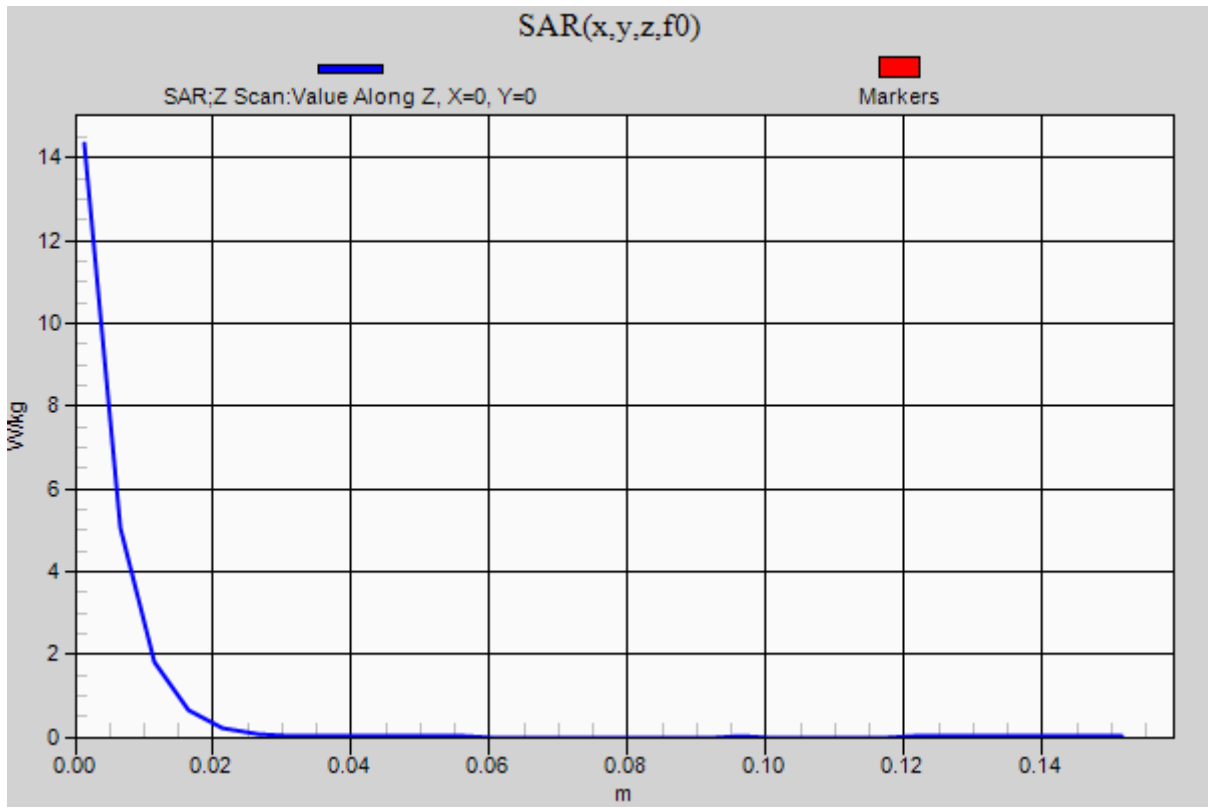
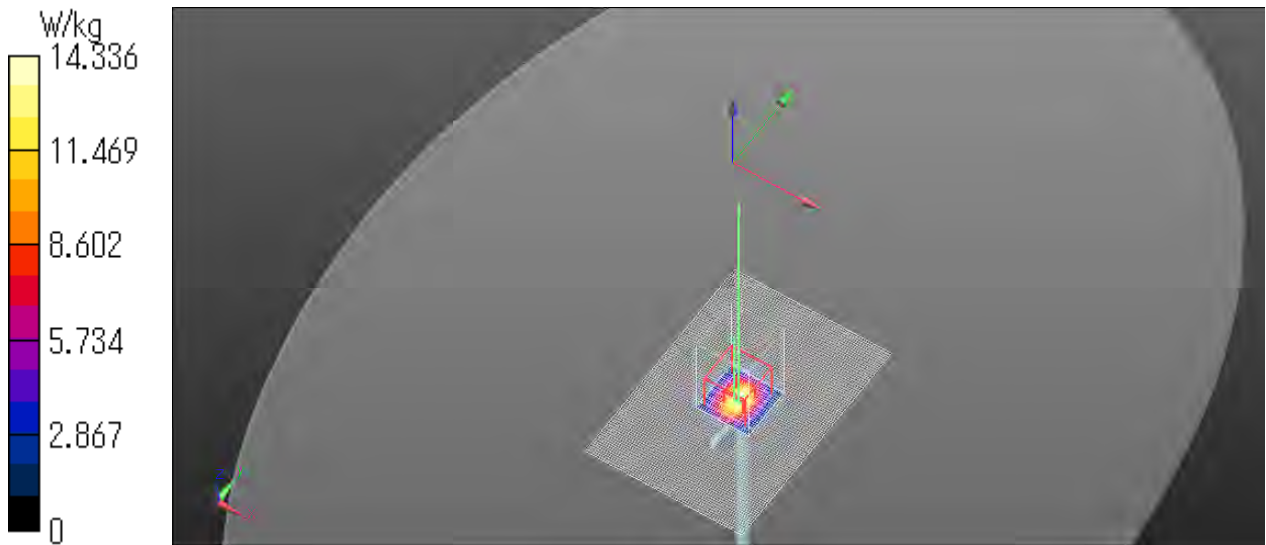
Software info DASYS2 52.10.4(1535) SEMCAD X 14.6.14(7501)

Configuration/3500 MHz/Area Scan (71x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 14.2 W/kg

Configuration/3500 MHz/Zoom Scan (8x8x9)/Cube 0: Measurement grid: dx=4 mm, dy=4 mm, dz=1.4 mm
Reference Value = 73.73 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 19.3 W/kg
SAR(1 g) = 7.09 W/kg; SAR(10 g) = 2.63 W/kg
Smallest distance from peaks to all points 3 dB below = 8 mm
Ratio of SAR at M2 to SAR at M1 = 75.2 %
Maximum value of SAR (measured) = 13.8 W/kg

Configuration/3500 MHz/Z Scan (1x1x31): Measurement grid: dx=20 mm, dy=20 mm, dz=5 mm
Maximum value of SAR (measured) = 14.3 W/kg

Note: Liquid temp. is kept within the 2 degree.C. during the test.



C.39 20220909 3900 MHz Ambient Temp_23.3 deg.C._Liquid Temp_22.9 deg.C

Communication System info

Communication System: UID 0, #CW (0)
Communication System Band: D3900 [3900MHz]Duty Cycle: 1:1
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

Probe info:

Probe: EX3DV4 - SN3825 / Calibrated: 2022/07/20
ConvF(6.44, 6.44, 6.44) @ 3900 MHz
Medium parameters used: $f = 3900$ MHz; $\sigma = 3.25$ S/m; $\epsilon_r = 37.635$; $\rho = 1000$ kg/m³
Sensor-Surface: 1.4 mm (Mechanical Surface Detection)

DAE info:

Electronics: DAE4 Sn509 / Calibrated: 2022/07/13

Phantom info:

Phantom: ELI v4.0 (20 deg probe tilt)/Phantom section: Flat Section
Type: QDOVA001BB
Serial: TP:1045

Software info DASYS2 52.10.4(1535) SEMCAD X 14.6.14(7501)

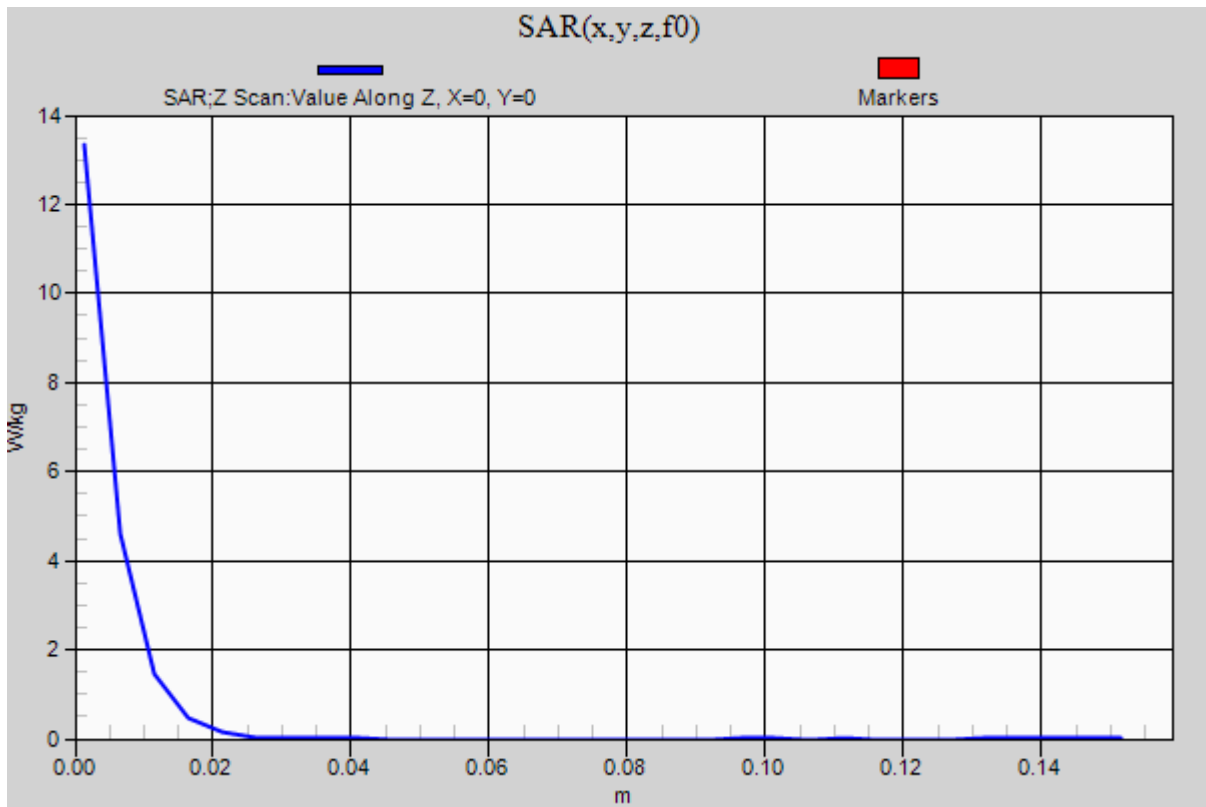
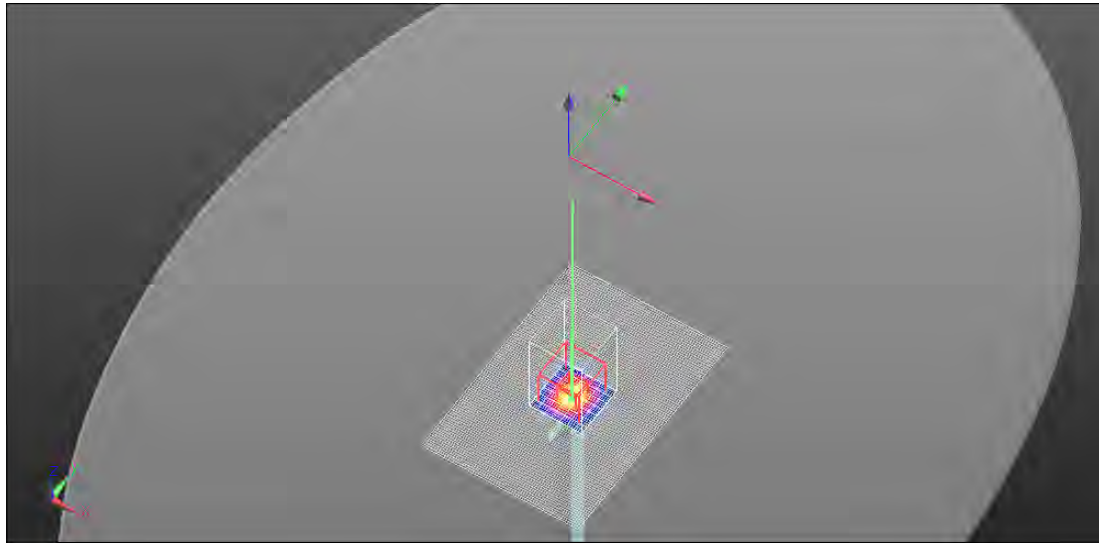
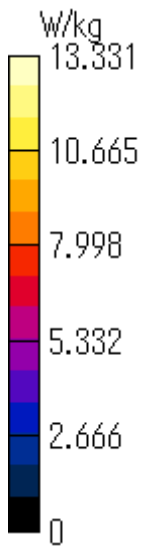
Configuration 2/3900 MHz/Area Scan (71x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 11.6 W/kg

Configuration 2/3900 MHz/Zoom Scan (8x8x9)/Cube 0: Measurement grid: dx=4 mm, dy=4 mm, dz=1.4 mm
Reference Value = 70.31 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 17.6 W/kg
SAR(1 g) = 6.5 W/kg; SAR(10 g) = 2.27 W/kg
Smallest distance from peaks to all points 3 dB below = 7.9 mm
Ratio of SAR at M2 to SAR at M1 = 76.1 %
Maximum value of SAR (measured) = 13.0 W/kg

Configuration 2/3900 MHz/Zoom Scan (8x8x9)/Cube 0: Measurement grid: dx=4 mm, dy=4 mm, dz=1.4 mm
Maximum value of SAR (measured) = 13.0 W/kg

Configuration 2/3900 MHz/Z Scan (1x1x31): Measurement grid: dx=20 mm, dy=20 mm, dz=5 mm
Maximum value of SAR (measured) = 13.3 W/kg

Note: Liquid temp. is kept within the 2 degree.C. during the test.



C.40 20220912 2600 MHz Ambient Temp_23.0 deg.C._Liquid Temp_23.0 deg.C

Communication System info

Communication System: UID 0, _CW (0)
Communication System Band: D2600 (2600.0 MHz)Duty Cycle: 1:1
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

Probe info:

Probe: EX3DV4 - SN3917 / Calibrated: 2022/05/17
ConvF(7.47, 7.47, 7.47) @ 2600 MHz
Medium parameters used: $f = 2600$ MHz; $\sigma = 1.909$ S/m; $\epsilon_r = 39.14$; $\rho = 1000$ kg/m³
Sensor-Surface: 1.4 mm (Mechanical Surface Detection), Sensor-Surface: 0 mm (Fix Surface)

DAE info:

Electronics: DAE4 Sn1369 / Calibrated: 2022/05/09

Phantom info:

Phantom: ELI v5.0 (20 deg probe tilt)/Phantom section: Flat Section
Type: QDOVA001BB
Serial: TP:1203

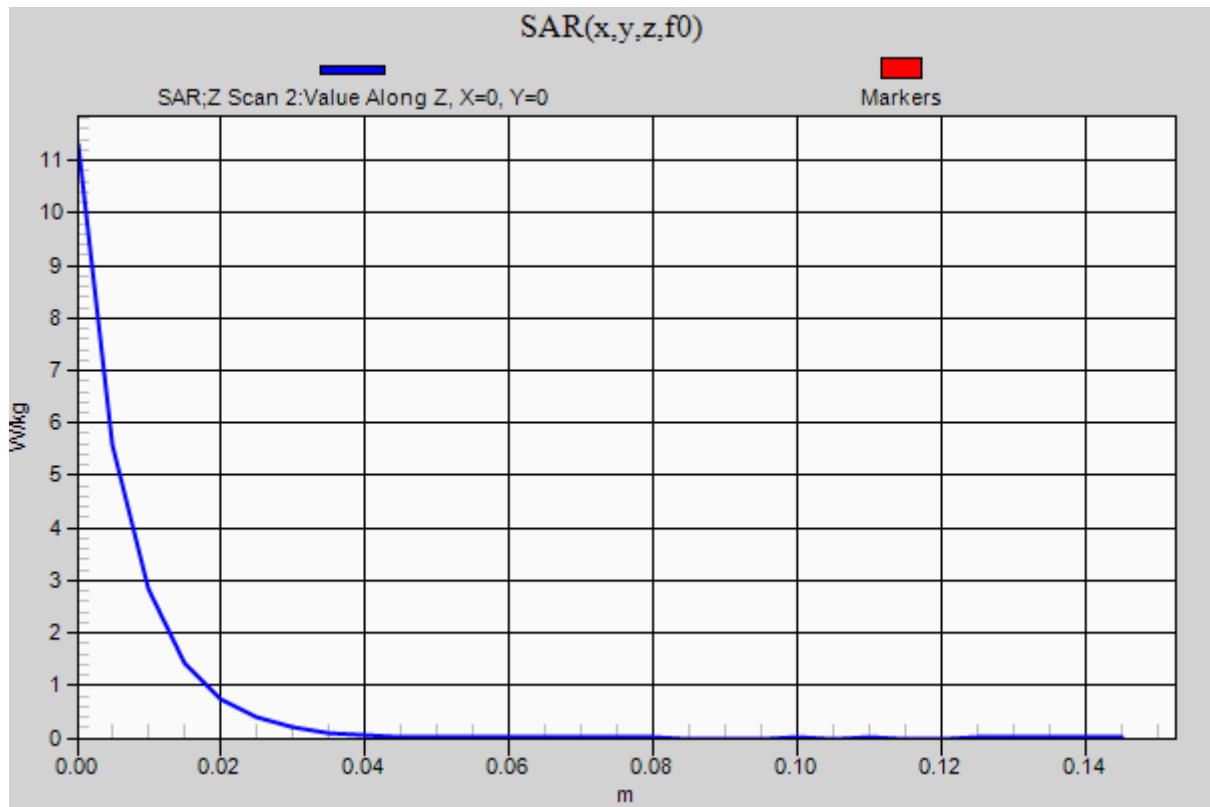
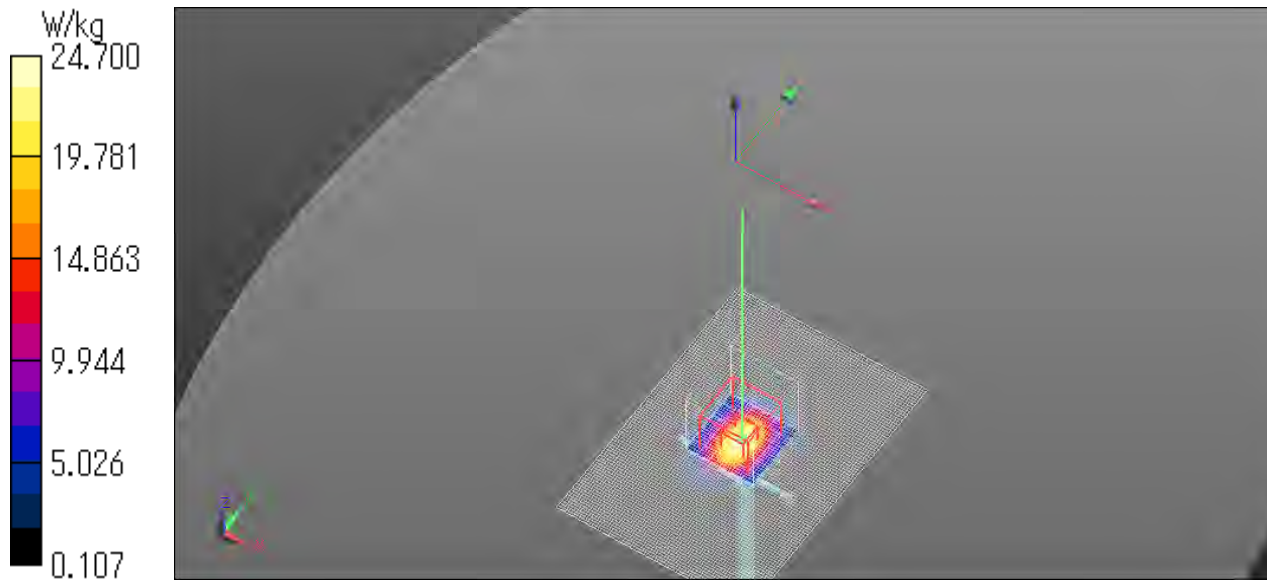
Software info DASYS2 52.10.4(1535) SEMCAD X 14.6.14(7501)

Configuration/2600 MHz/Area Scan (71x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 25.4 W/kg

Configuration/2600 MHz/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5 mm
Reference Value = 115.8 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 31.6 W/kg
SAR(1 g) = 14.3 W/kg; SAR(10 g) = 6.4 W/kg
Smallest distance from peaks to all points 3 dB below = 9 mm
Ratio of SAR at M2 to SAR at M1 = 45.6 %
Maximum value of SAR (measured) = 24.7 W/kg

Configuration/2600 MHz/Z Scan (1x1x31): Measurement grid: dx=20 mm, dy=20 mm, dz=5 mm
Maximum value of SAR (measured) = 11.3 W/kg

Note: Liquid temp. is kept within the 2 degree.C. during the test.



C.41 20220912 3500 MHz Ambient Temp_24.0 deg.C._Liquid Temp_23.5 deg.C

Communication System info

Communication System: UID 0, _CW (0)
Communication System Band: D3500 (3500.0 MHz)Duty Cycle: 1:1
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

Probe info:

Probe: EX3DV4 - SN3825 / Calibrated: 2022/07/20
ConvF(6.63, 6.63, 6.63) @ 3500 MHz
Medium parameters used: $f = 3500$ MHz; $\sigma = 2.972$ S/m; $\epsilon_r = 37.919$; $\rho = 1000$ kg/m³
Sensor-Surface: 1.4 mm (Mechanical Surface Detection)

DAE info:

Electronics: DAE4 Sn509 / Calibrated: 2022/07/13

Phantom info:

Phantom: ELI v4.0 (20 deg probe tilt)/Phantom section: Flat Section
Type: QDOVA001BB
Serial: TP:1045

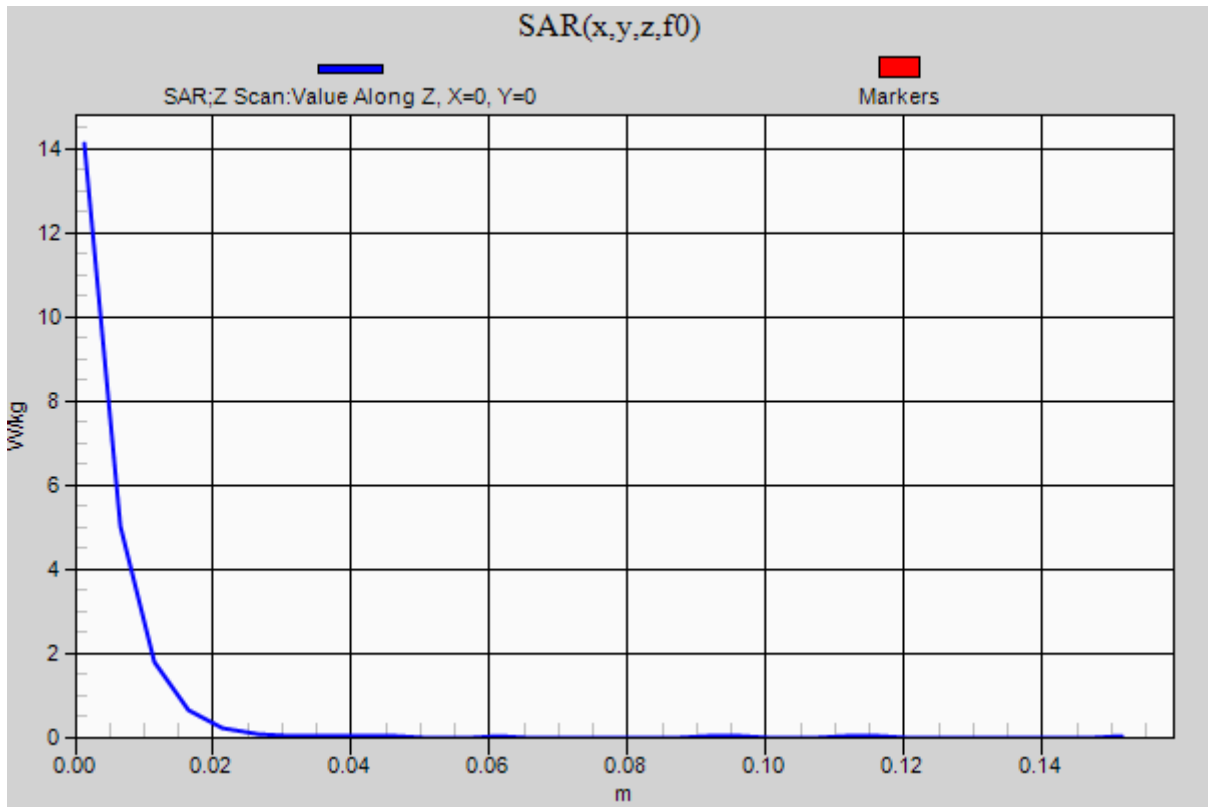
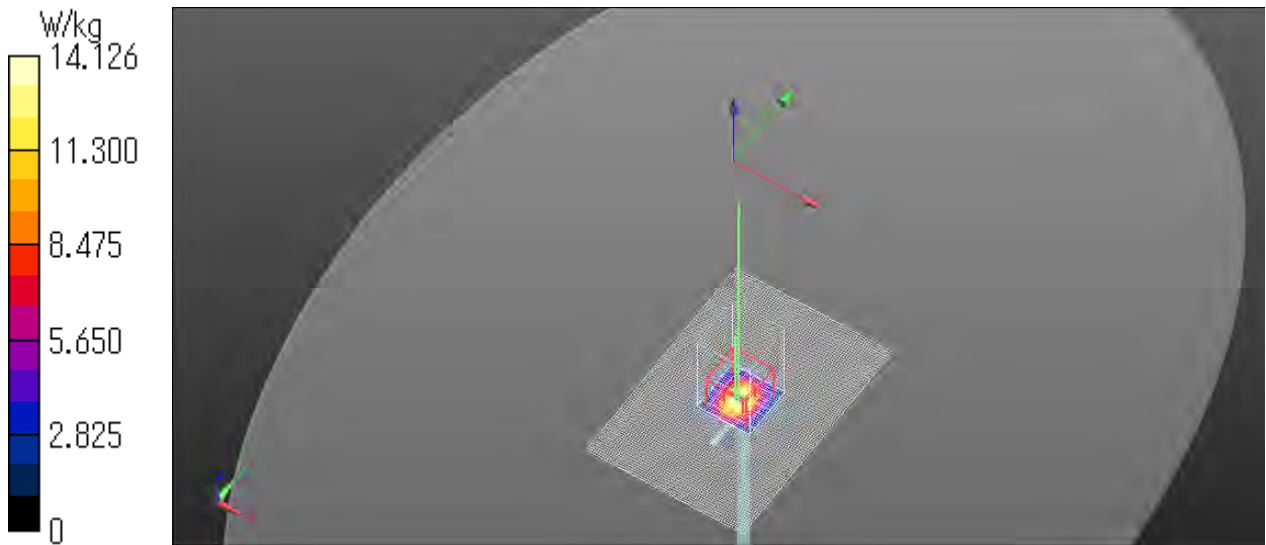
Software info DASYS2 52.10.4(1535) SEMCAD X 14.6.14(7501)

Configuration/3500 MHz/Area Scan (71x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 14.2 W/kg

Configuration/3500 MHz/Zoom Scan (8x8x9)/Cube 0: Measurement grid: dx=4 mm, dy=4 mm, dz=1.4 mm
Reference Value = 72.79 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 19.2 W/kg
SAR(1 g) = 7.11 W/kg; SAR(10 g) = 2.65 W/kg
Smallest distance from peaks to all points 3 dB below = 8 mm
Ratio of SAR at M2 to SAR at M1 = 75 %
Maximum value of SAR (measured) = 13.7 W/kg

Configuration/3500 MHz/Z Scan (1x1x31): Measurement grid: dx=20 mm, dy=20 mm, dz=5 mm
Maximum value of SAR (measured) = 14.1 W/kg

Note: Liquid temp. is kept within the 2 degree.C. during the test.



C.42 20220912 3900 MHz Ambient Temp_24.0 deg.C._Liquid Temp_23.5 deg.C

Communication System info

Communication System: UID 0, #CW (0)
Communication System Band: D3900 [3900MHz]Duty Cycle: 1:1
Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2011)

Probe info:

Probe: EX3DV4 - SN3825 / Calibrated: 2022/07/20
ConvF(6.44, 6.44, 6.44) @ 3900 MHz
Medium parameters used: $f = 3900$ MHz; $\sigma = 3.273$ S/m; $\epsilon_r = 37.494$; $\rho = 1000$ kg/m³
Sensor-Surface: 1.4 mm (Mechanical Surface Detection)

DAE info:

Electronics: DAE4 Sn509 / Calibrated: 2022/07/13

Phantom info:

Phantom: ELI v4.0 (20 deg probe tilt)/Phantom section: Flat Section
Type: QDOVA001BB
Serial: TP:1045

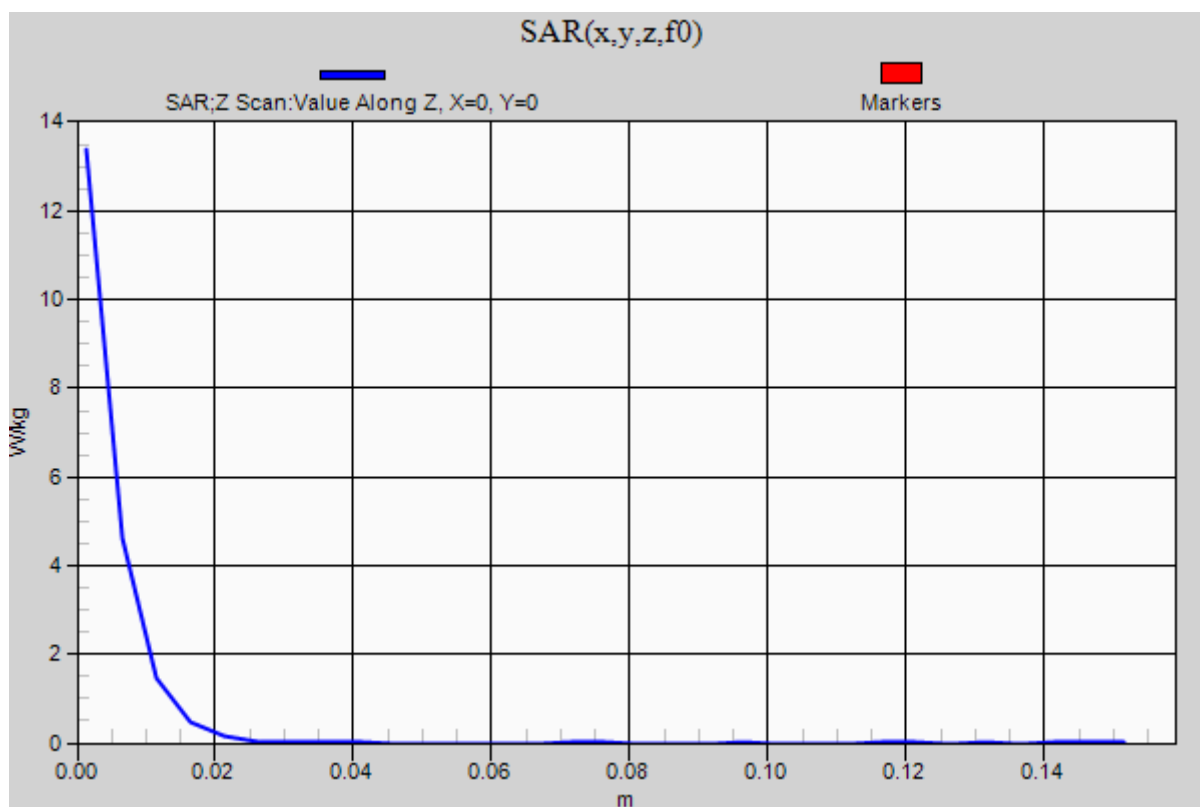
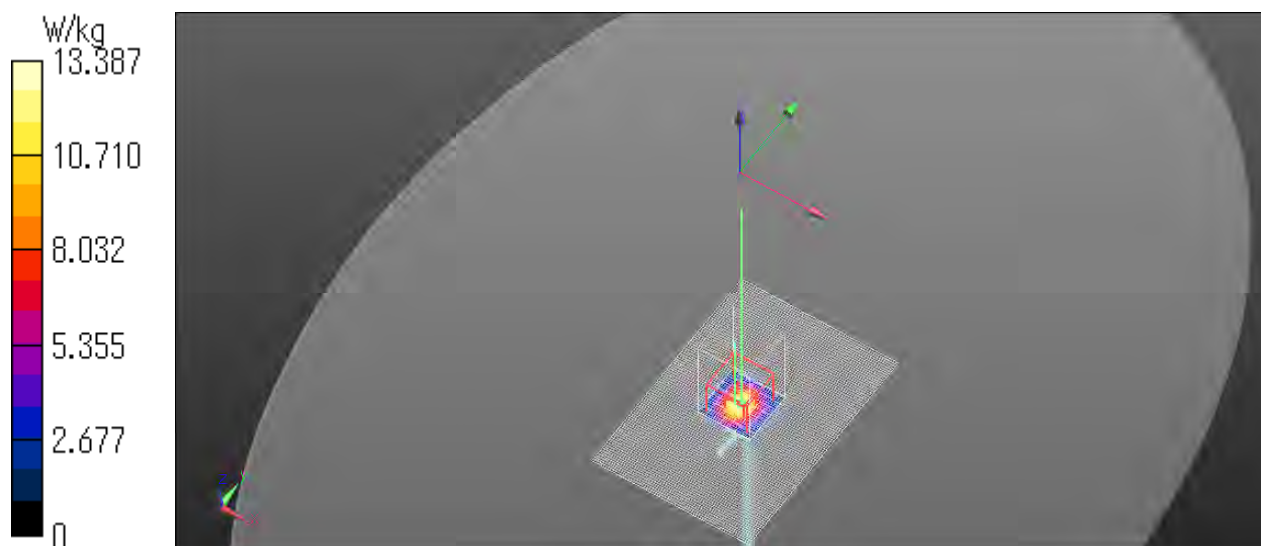
Software info DASYS2 52.10.4(1535) SEMCAD X 14.6.14(7501)

Configuration 2/3900 MHz/Area Scan (71x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 13.4 W/kg

Configuration 2/3900 MHz/Zoom Scan (8x8x9)/Cube 0: Measurement grid: dx=4 mm, dy=4 mm, dz=1.4 mm
Reference Value = 70.43 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 17.9 W/kg
SAR(1 g) = 6.5 W/kg; SAR(10 g) = 2.28 W/kg
Smallest distance from peaks to all points 3 dB below = 7.9 mm
Ratio of SAR at M2 to SAR at M1 = 75.6 %
Maximum value of SAR (measured) = 12.7 W/kg

Configuration 2/3900 MHz/Z Scan (1x1x31): Measurement grid: dx=20 mm, dy=20 mm, dz=5 mm
Maximum value of SAR (measured) = 13.4 W/kg

Note: Liquid temp. is kept within the 2 degree.C. during the test.



C.43 20220913 1900 MHz Ambient Temp_23.0 deg.C._Liquid Temp_23.0 deg.C

Communication System info

Communication System: UID 0, #CW (0)
Communication System Band: D1900 (1900.0 MHz)Duty Cycle: 1:1
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

Probe info:

Probe: EX3DV4 - SN3917 / Calibrated: 2022/05/17
ConvF(8.18, 8.18, 8.18) @ 1900 MHz
Medium parameters used: $f = 1900$ MHz; $\sigma = 1.426$ S/m; $\epsilon_r = 38.616$; $\rho = 1000$ kg/m³
Sensor-Surface: 1.4 mm (Mechanical Surface Detection), Sensor-Surface: 0 mm (Fix Surface)

DAE info:

Electronics: DAE4 Sn1369 / Calibrated: 2022/05/09

Phantom info:

Phantom: ELI v5.0 (20 deg probe tilt)/Phantom section: Flat Section
Type: QDOVA001BB
Serial: TP:1203

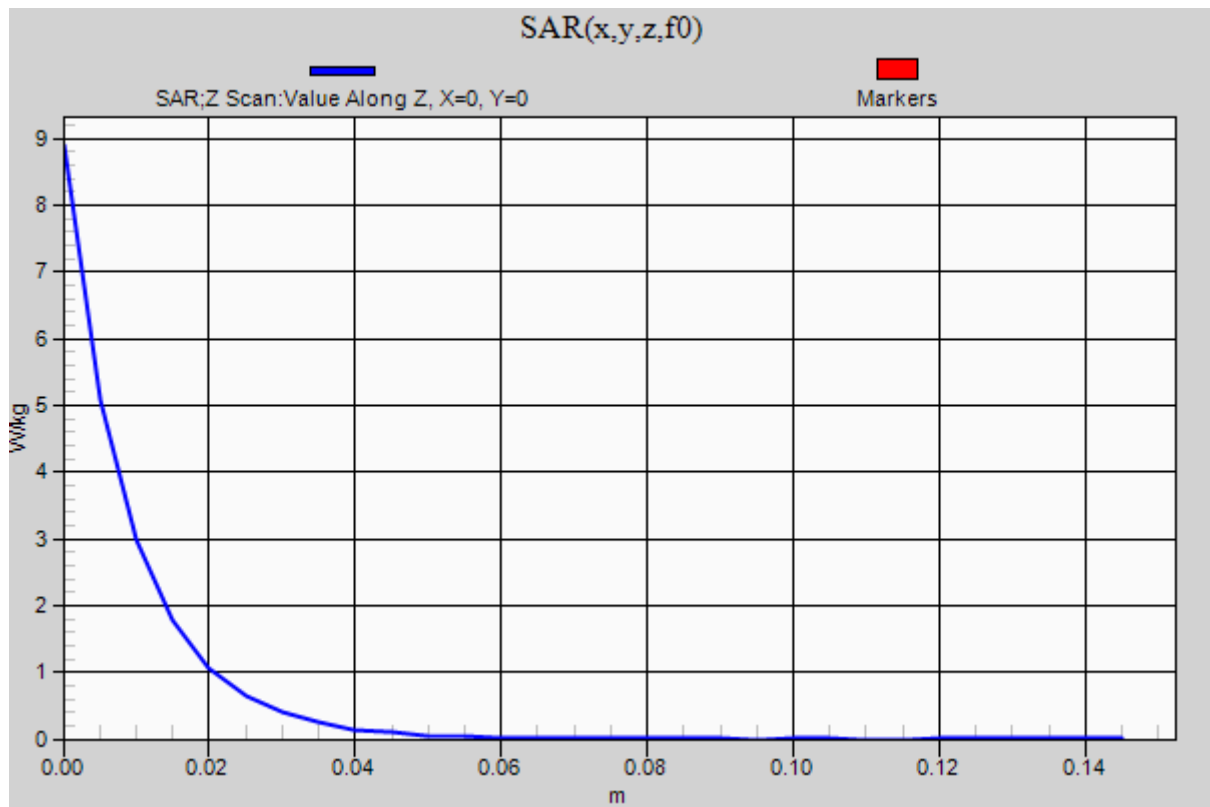
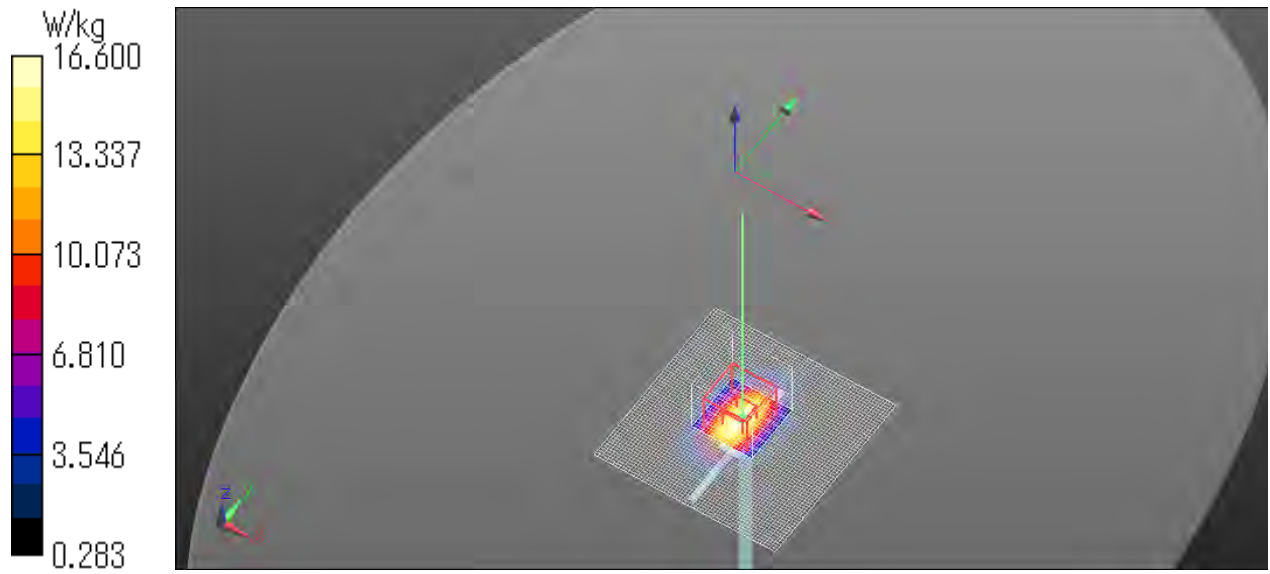
Software info DASY52 52.10.4(1535) SEMCAD X 14.6.14(7501)

Configuration/250 mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 16.4 W/kg

Configuration/250 mW/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5 mm
Reference Value = 111.0 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 20.2 W/kg
SAR(1 g) = 10.7 W/kg; SAR(10 g) = 5.56 W/kg
Smallest distance from peaks to all points 3 dB below = 10 mm
Ratio of SAR at M2 to SAR at M1 = 53.5 %
Maximum value of SAR (measured) = 16.6 W/kg

Configuration/250 mW/Z Scan (1x1x31): Measurement grid: dx=20 mm, dy=20 mm, dz=5 mm
Maximum value of SAR (measured) = 8.90 W/kg

Note: Liquid temp. is kept within the 2 degree.C. during the test.



C.44 20220915 2600 MHz Ambient Temp_23.5 deg.C._Liquid Temp_23.5 deg.C

Communication System info

Communication System: UID 0, _CW (0)
Communication System Band: D2600 (2600.0 MHz) Duty Cycle: 1:1
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

Probe info:

Probe: EX3DV4 - SN3917 / Calibrated: 2022/05/17
ConvF(7.47, 7.47, 7.47) @ 2600 MHz
Medium parameters used: $f = 2600$ MHz; $\sigma = 1.902$ S/m; $\epsilon_r = 39.002$; $\rho = 1000$ kg/m³
Sensor-Surface: 1.4 mm (Mechanical Surface Detection), Sensor-Surface: 0 mm (Fix Surface)

DAE info:

Electronics: DAE4 Sn1369 / Calibrated: 2022/05/09

Phantom info:

Phantom: ELI v5.0 (20 deg probe tilt)/Phantom section: Flat Section
Type: QDOVA001BB
Serial: TP:1203

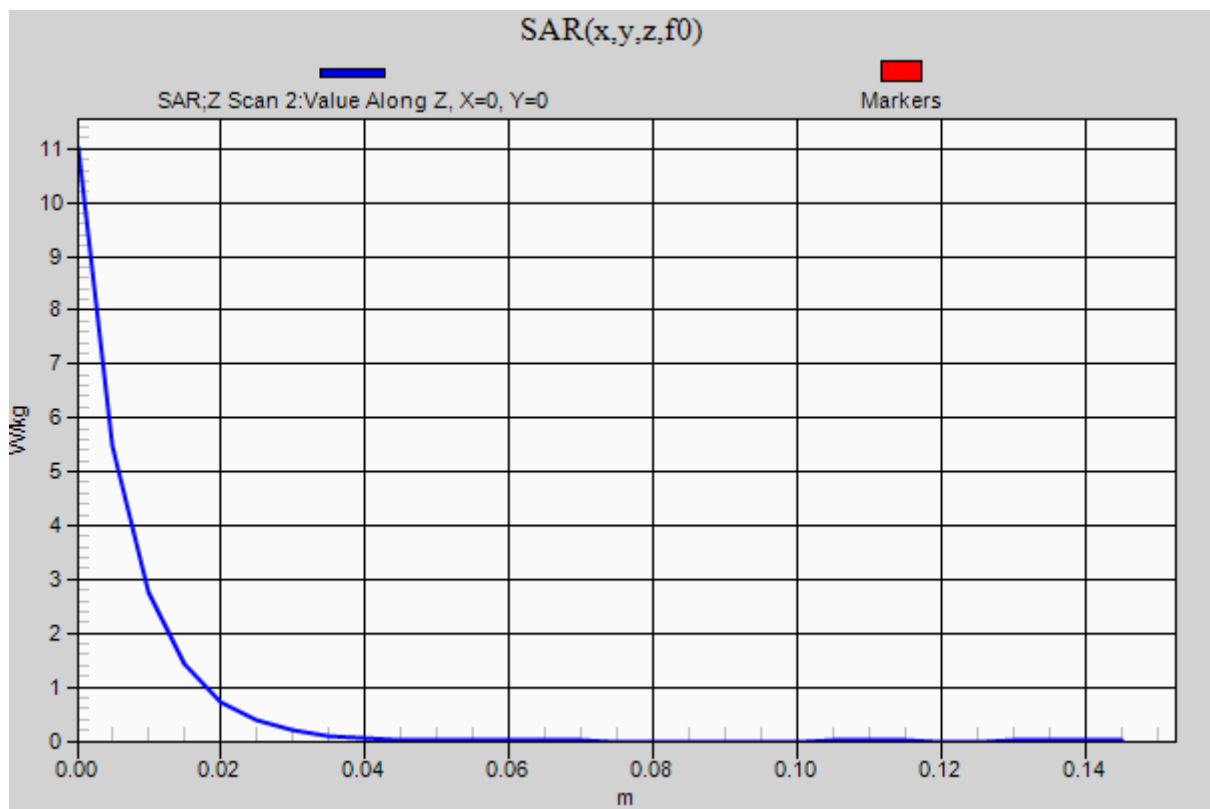
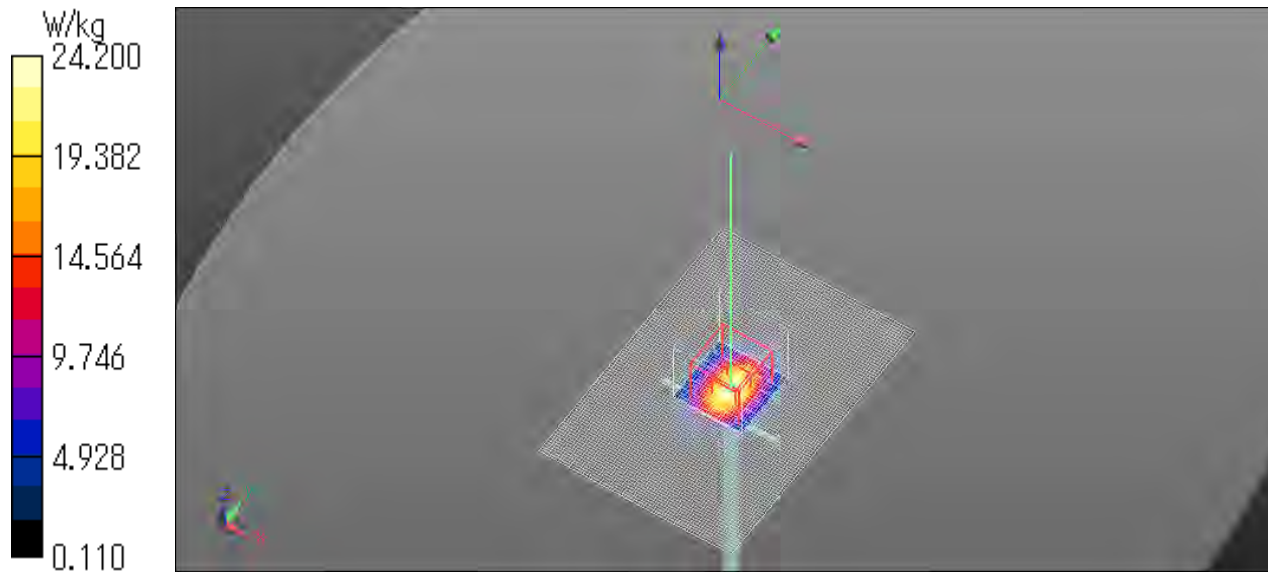
Software info DASYS2 52.10.4(1535) SEMCAD X 14.6.14(7501)

Configuration/2600 MHz/Area Scan (71x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 24.6 W/kg

Configuration/2600 MHz/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5 mm
Reference Value = 114.6 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 31.1 W/kg
SAR(1 g) = 13.9 W/kg; SAR(10 g) = 6.25 W/kg
Smallest distance from peaks to all points 3 dB below = 9 mm
Ratio of SAR at M2 to SAR at M1 = 45.6 %
Maximum value of SAR (measured) = 24.2 W/kg

Configuration/2600 MHz/Z Scan (1x1x31): Measurement grid: dx=20 mm, dy=20 mm, dz=5 mm
Maximum value of SAR (measured) = 11.0 W/kg

Note: Liquid temp. is kept within the 2 degree.C. during the test.



C.45 20220920 3500 MHz Ambient Temp_24.0 deg.C._Liquid Temp_23.5 deg.C

Communication System info

Communication System: UID 0, _CW (0)
Communication System Band: D3500 (3500.0 MHz)Duty Cycle: 1:1
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

Probe info:

Probe: EX3DV4 - SN3825 / Calibrated: 2022/07/20
ConvF(6.63, 6.63, 6.63) @ 3500 MHz
Medium parameters used: $f = 3500$ MHz; $\sigma = 2.953$ S/m; $\epsilon_r = 37.945$; $\rho = 1000$ kg/m³
Sensor-Surface: 1.4 mm (Mechanical Surface Detection)

DAE info:

Electronics: DAE4 Sn509 / Calibrated: 2022/07/13

Phantom info:

Phantom: ELI v4.0 (20 deg probe tilt)/Phantom section: Flat Section
Type: QDOVA001BB
Serial: TP:1045

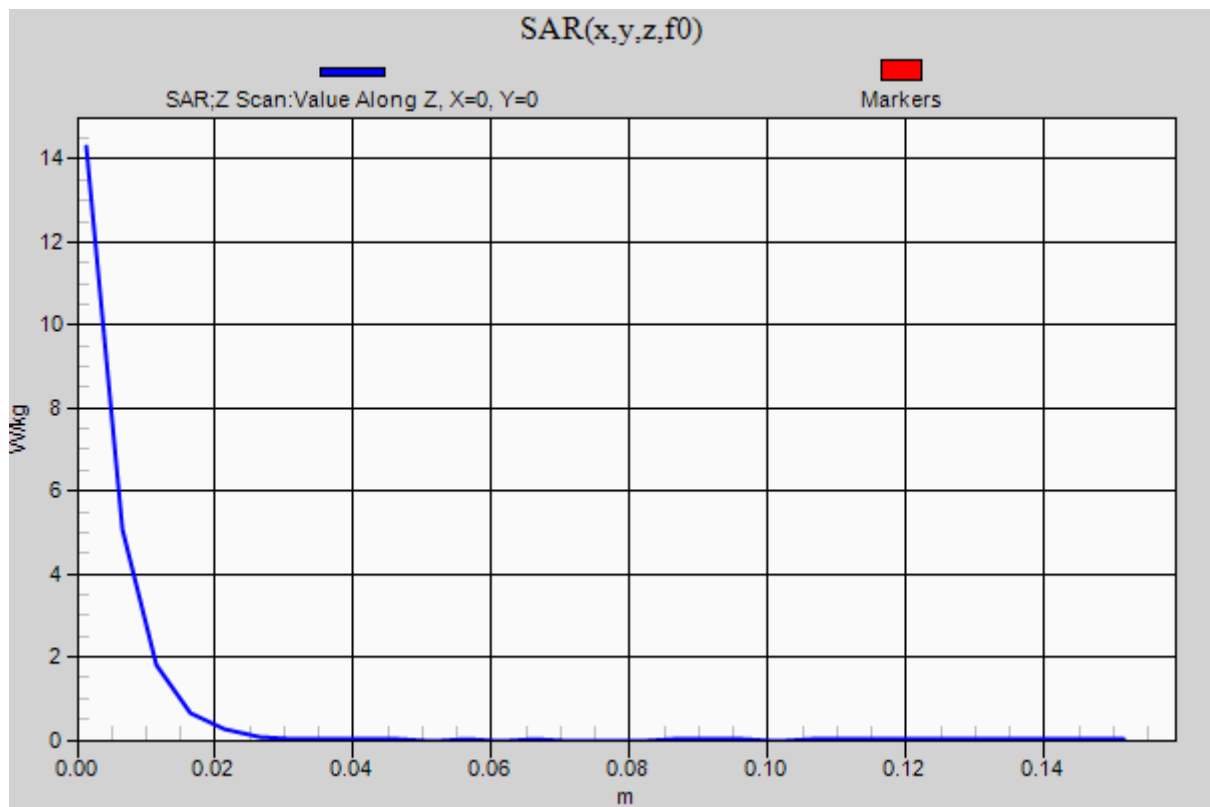
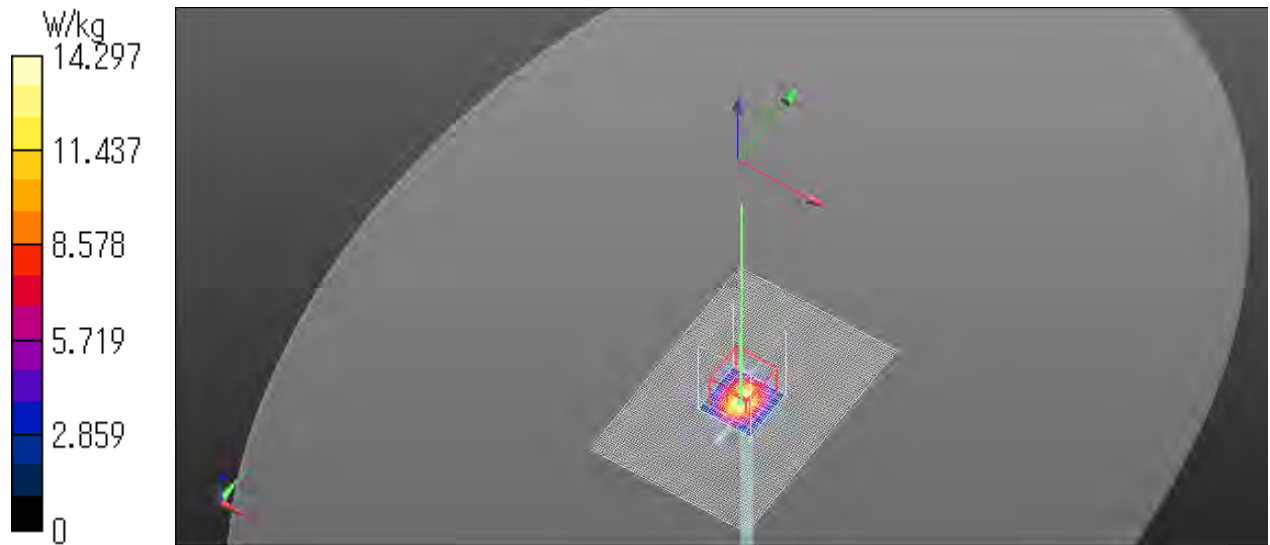
Software info DASYS2 52.10.4(1535) SEMCAD X 14.6.14(7501)

Configuration/3500 MHz/Area Scan (71x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 14.3 W/kg

Configuration/3500 MHz/Zoom Scan (8x8x9)/Cube 0: Measurement grid: dx=4 mm, dy=4 mm, dz=1.4 mm
Reference Value = 73.42 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 19.3 W/kg
SAR(1 g) = 7.12 W/kg; SAR(10 g) = 2.65 W/kg
Smallest distance from peaks to all points 3 dB below = 8 mm
Ratio of SAR at M2 to SAR at M1 = 75.2 %
Maximum value of SAR (measured) = 13.5 W/kg

Configuration/3500 MHz/Z Scan (1x1x31): Measurement grid: dx=20 mm, dy=20 mm, dz=5 mm
Maximum value of SAR (measured) = 14.3 W/kg

Note: Liquid temp. is kept within the 2 degree.C. during the test.



C.46 20220920 3900 MHz Ambient Temp_24.0 deg.C._Liquid Temp_23.5 deg.C

Communication System info

Communication System: UID 0, #CW (0)
Communication System Band: D3900 [3900MHz]Duty Cycle: 1:1
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

Probe info:

Probe: EX3DV4 - SN3825 / Calibrated: 2022/07/20
ConvF(6.44, 6.44, 6.44) @ 3900 MHz
Medium parameters used: $f = 3900$ MHz; $\sigma = 3.255$ S/m; $\epsilon_r = 37.549$; $\rho = 1000$ kg/m³
Sensor-Surface: 1.4 mm (Mechanical Surface Detection)

DAE info:

Electronics: DAE4 Sn509 / Calibrated: 2022/07/13

Phantom info:

Phantom: ELI v4.0 (20 deg probe tilt)/Phantom section: Flat Section
Type: QDOVA001BB
Serial: TP:1045

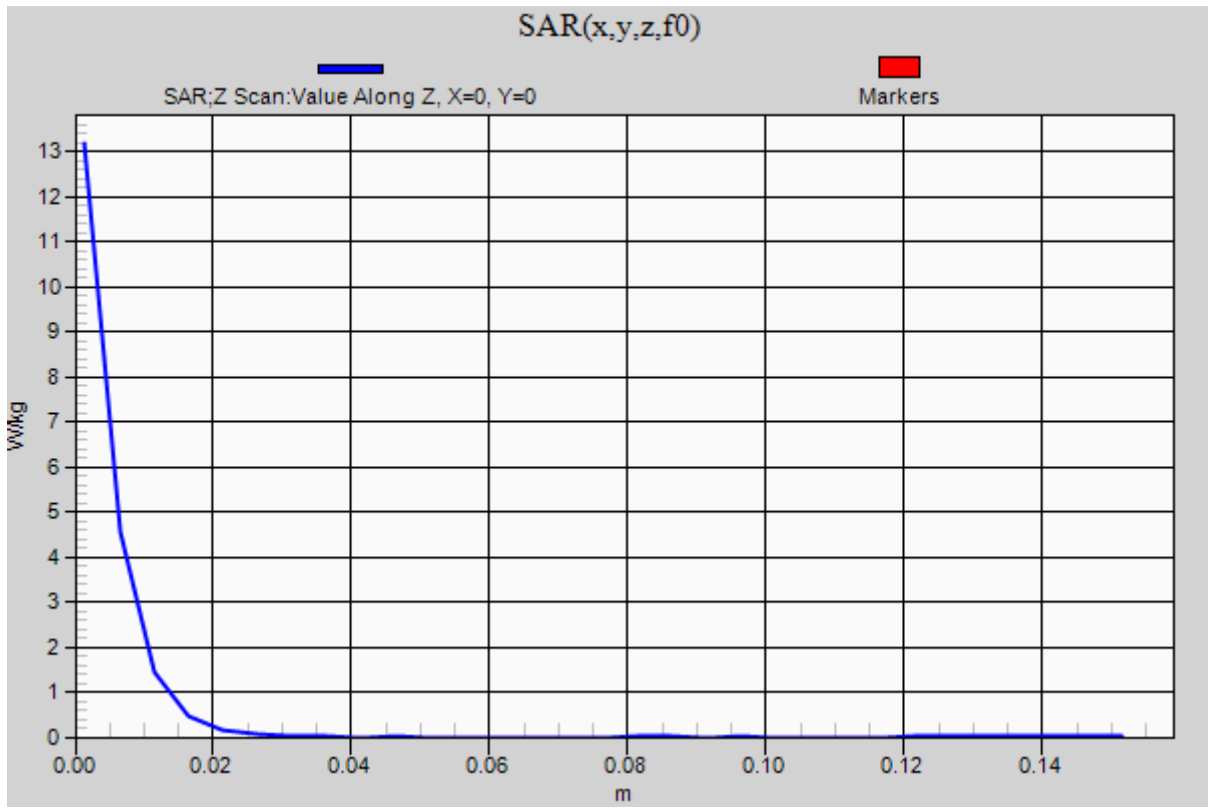
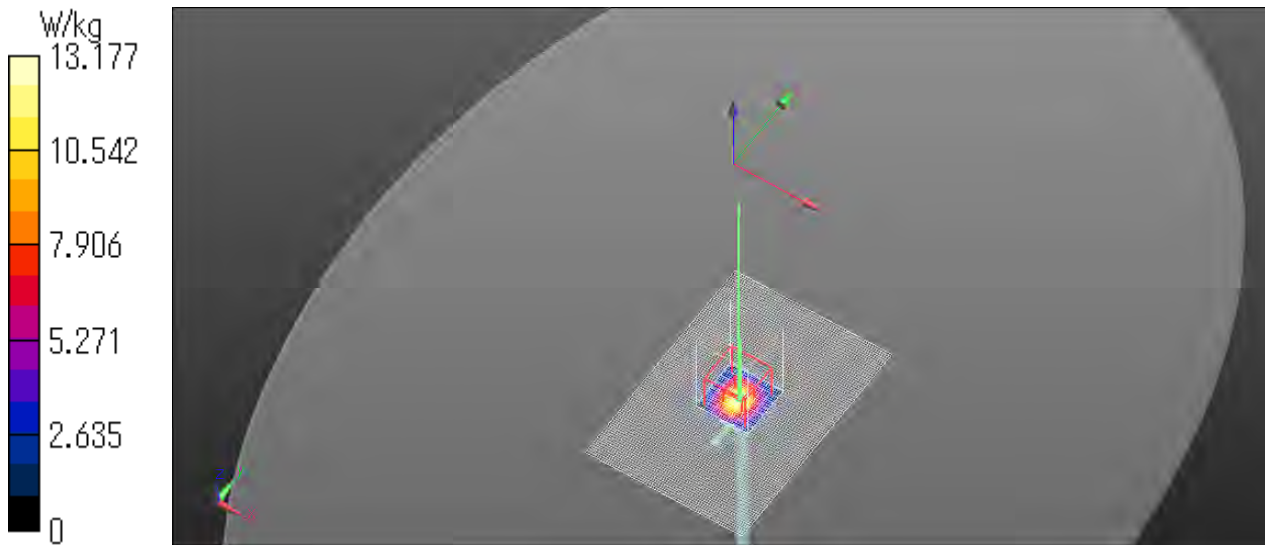
Software info DASYS2 52.10.4(1535) SEMCAD X 14.6.14(7501)

Configuration 2/3900 MHz/Area Scan (71x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 12.8 W/kg

Configuration 2/3900 MHz/Zoom Scan (8x8x9)/Cube 0: Measurement grid: dx=4 mm, dy=4 mm, dz=1.4 mm
Reference Value = 69.55 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 17.5 W/kg
SAR(1 g) = 6.42 W/kg; SAR(10 g) = 2.25 W/kg
Smallest distance from peaks to all points 3 dB below = 8 mm
Ratio of SAR at M2 to SAR at M1 = 75.5 %
Maximum value of SAR (measured) = 12.7 W/kg

Configuration 2/3900 MHz/Z Scan (1x1x31): Measurement grid: dx=20 mm, dy=20 mm, dz=5 mm
Maximum value of SAR (measured) = 13.2 W/kg

Note: Liquid temp. is kept within the 2 degree.C. during the test.



C.47 20220920 2600 MHz Ambient Temp_23.5 deg.C._Liquid Temp_23.5 deg.C

Communication System info

Communication System: UID 0, _CW (0)
Communication System Band: D2600 (2600.0 MHz)Duty Cycle: 1:1
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

Probe info:

Probe: EX3DV4 - SN3917 / Calibrated: 2022/05/17
ConvF(7.47, 7.47, 7.47) @ 2600 MHz
Medium parameters used: $f = 2600$ MHz; $\sigma = 1.891$ S/m; $\epsilon_r = 38.245$; $\rho = 1000$ kg/m³
Sensor-Surface: 1.4 mm (Mechanical Surface Detection)

DAE info:

Electronics: DAE4 Sn1369 / Calibrated: 2022/05/09

Phantom info:

Phantom: ELI v5.0 (20 deg probe tilt)/Phantom section: Flat Section
Type: QDOVA001BB
Serial: TP:1203

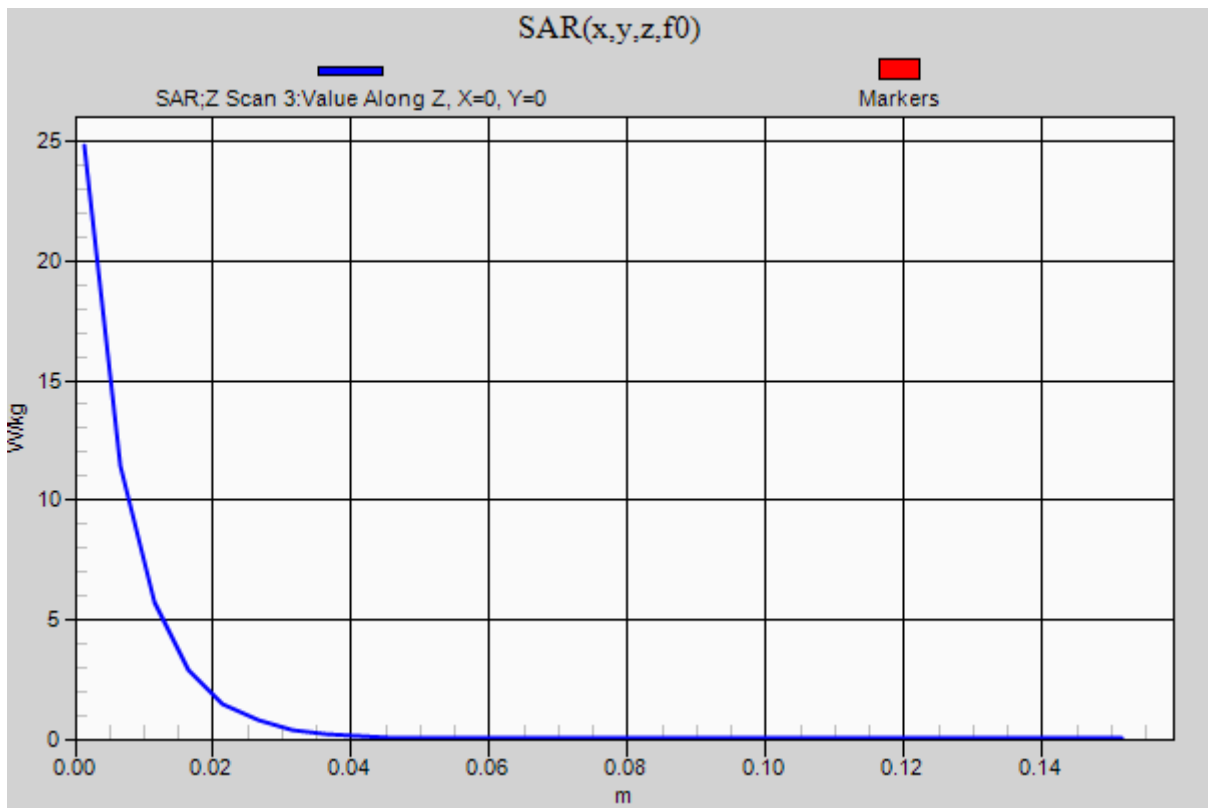
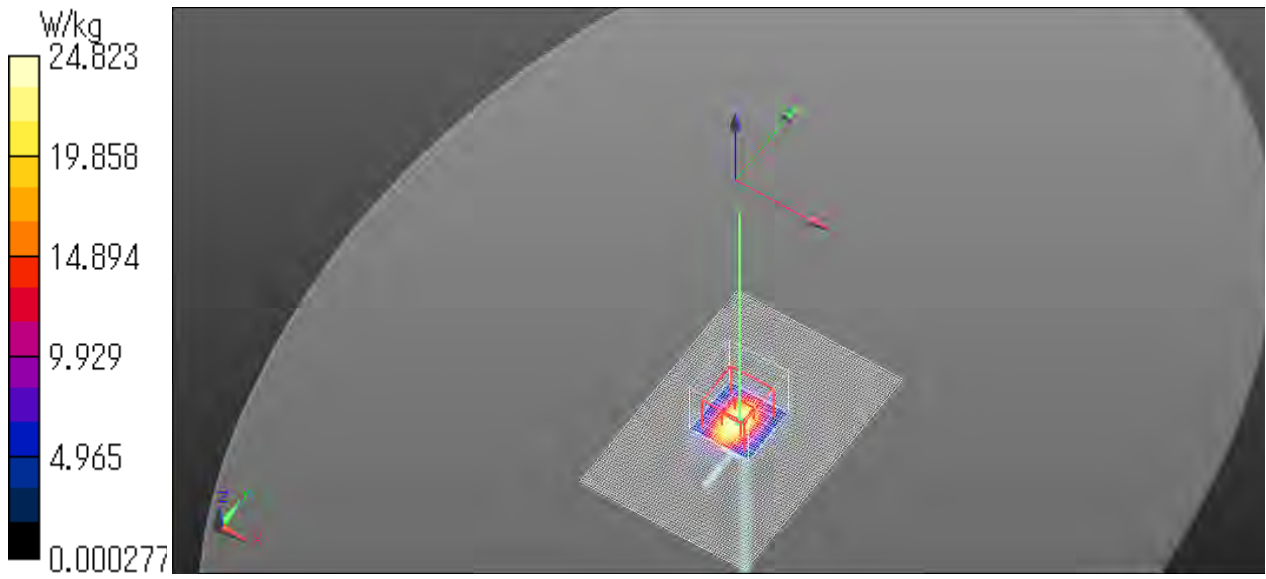
Software info DASYS2 52.10.4(1535) SEMCAD X 14.6.14(7501)

Configuration/2600 MHz/Area Scan (71x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 25.4 W/kg

Configuration/2600 MHz/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5 mm
Reference Value = 116.5 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 31.6 W/kg
SAR(1 g) = 14.3 W/kg; SAR(10 g) = 6.46 W/kg
Smallest distance from peaks to all points 3 dB below = 9 mm
Ratio of SAR at M2 to SAR at M1 = 45.9 %
Maximum value of SAR (measured) = 24.8 W/kg

Configuration/2600 MHz/Z Scan (1x1x31): Measurement grid: dx=20 mm, dy=20 mm, dz=5 mm
Maximum value of SAR (measured) = 24.8 W/kg

Note: Liquid temp. is kept within the 2 degree.C. during the test.



C.48 20220929 2450 MHz Ambient Temp_22.0 deg.C._Liquid Temp_21.5 deg.C

Communication System info

Communication System: UID 0, CW (0)
Communication System Band: D2450 (2450.0 MHz)Duty Cycle: 1:1
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

Probe info:

Probe: EX3DV4 - SN3825 / Calibrated: 2022/07/20
ConvF(7.58, 7.58, 7.58) @ 2450 MHz
Medium parameters used: $f = 2450$ MHz; $\sigma = 1.761$ S/m; $\epsilon_r = 38.269$; $\rho = 1000$ kg/m³
Sensor-Surface: 1.4 mm (Mechanical Surface Detection)

DAE info:

Electronics: DAE4 Sn509 / Calibrated: 2022/07/13

Phantom info:

Phantom: ELI v5.0 TP1207 (30 deg probe tilt)/Phantom section: Flat Section
Type: QDOVA001BB
Serial: TP:1207

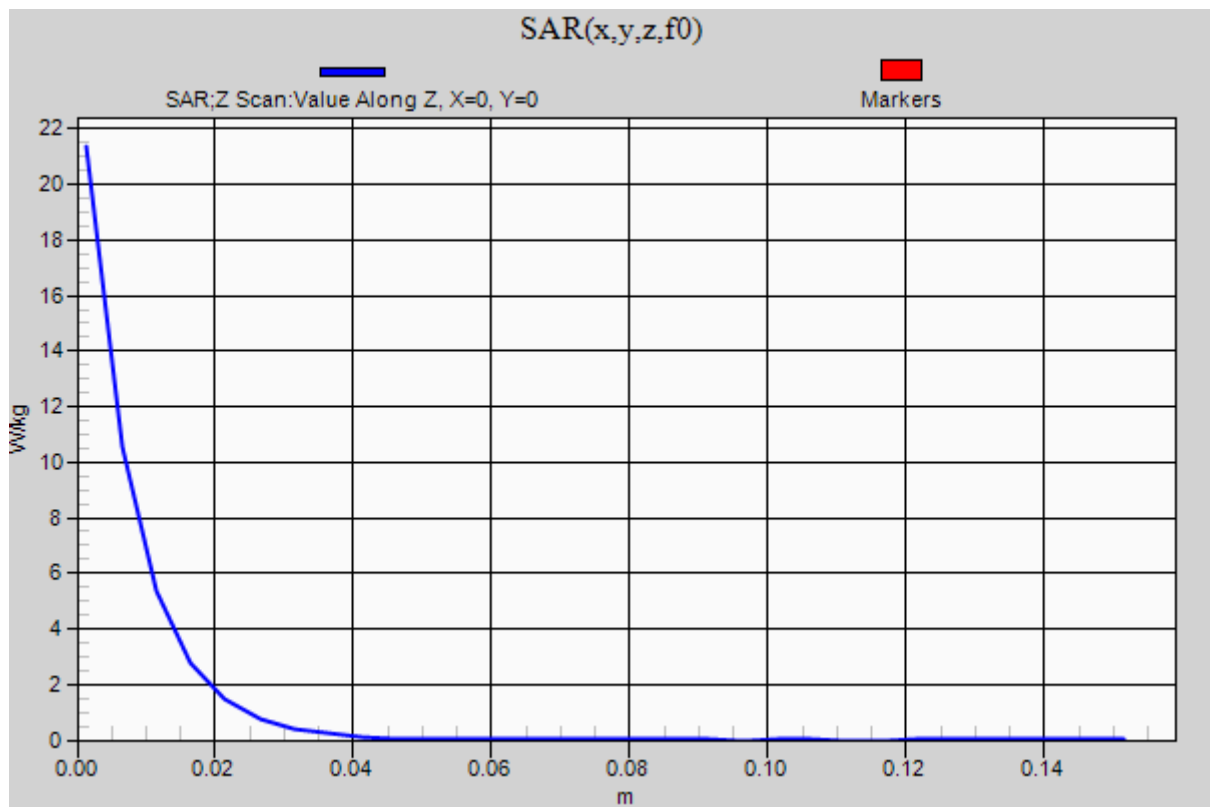
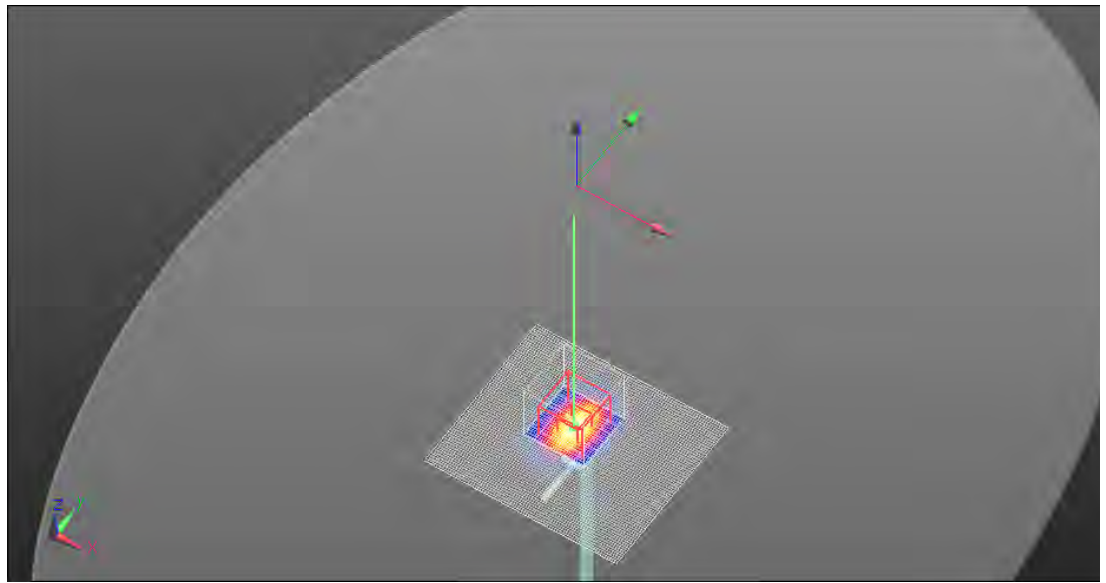
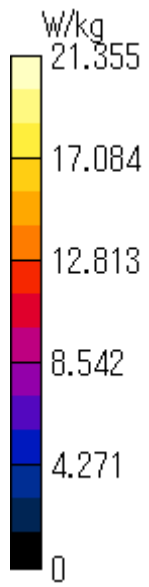
Software info DASYS2 52.10.4(1535) SEMCAD X 14.6.14(7501)

Configuration/250 mW/Area Scan (81x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 21.3 W/kg

Configuration/250 mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5 mm
Reference Value = 114.3 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 26.2 W/kg
SAR(1 g) = 12.9 W/kg; SAR(10 g) = 6.09 W/kg
Smallest distance from peaks to all points 3 dB below = 9 mm
Ratio of SAR at M2 to SAR at M1 = 49.8 %
Maximum value of SAR (measured) = 21.3 W/kg

Configuration/250 mW/Z Scan (1x1x31): Measurement grid: dx=20 mm, dy=20 mm, dz=5 mm
Maximum value of SAR (measured) = 21.4 W/kg

Note: Liquid temp. is kept within the 2 degree.C. during the test.



C.49 20221003 2450 MHz Ambient Temp_23.0 deg.C._Liquid Temp_22.5 deg.C

Communication System info

Communication System: UID 0, CW (0)
Communication System Band: D2450 (2450.0 MHz)Duty Cycle: 1:1
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

Probe info:

Probe: EX3DV4 - SN3825 / Calibrated: 2022/07/20
ConvF(7.58, 7.58, 7.58) @ 2450 MHz
Medium parameters used: $f = 2450$ MHz; $\sigma = 1.829$ S/m; $\epsilon_r = 40.364$; $\rho = 1000$ kg/m³
Sensor-Surface: 1.4 mm (Mechanical Surface Detection)

DAE info:

Electronics: DAE4 Sn509 / Calibrated: 2022/07/13

Phantom info:

Phantom: ELI v5.0 TP1207 (30 deg probe tilt)/Phantom section: Flat Section
Type: QDOVA001BB
Serial: TP:1207

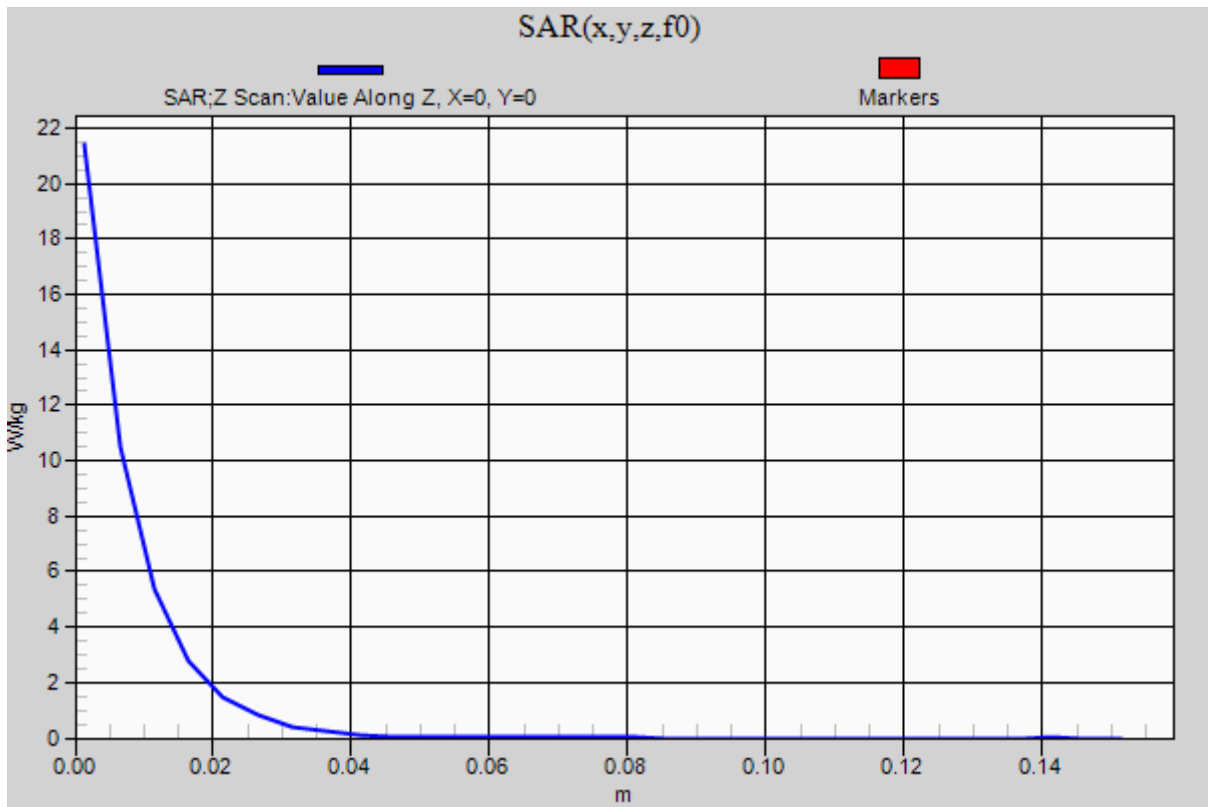
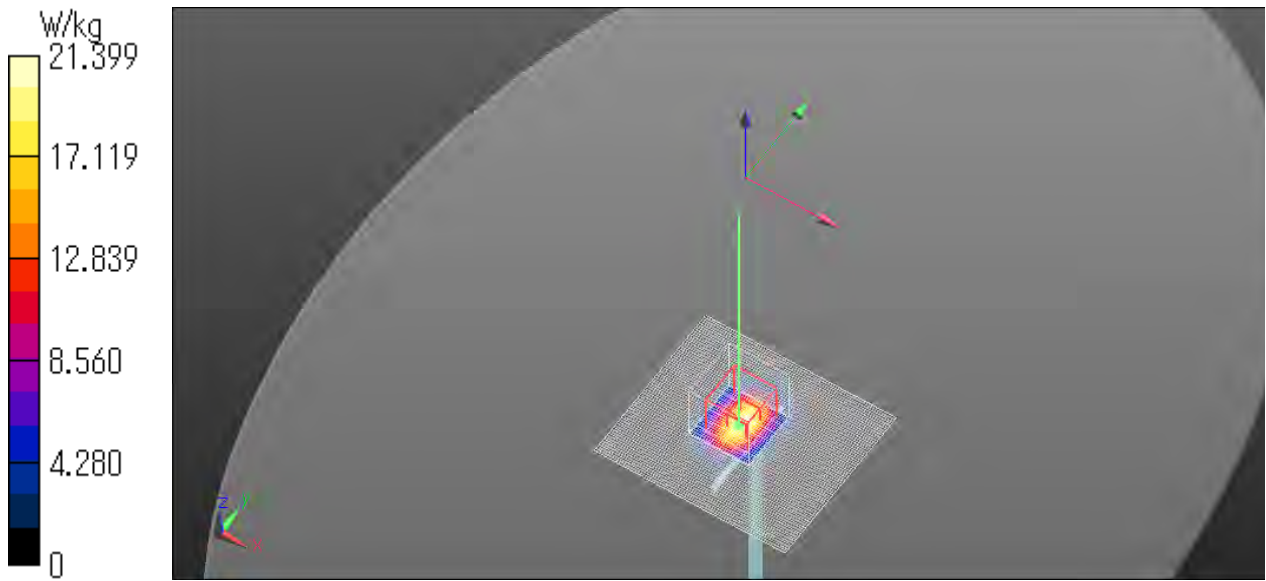
Software info DASY52 52.10.4(1535) SEMCAD X 14.6.14(7501)

Configuration/250 mW/Area Scan (81x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 22.9 W/kg

Configuration/250 mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5 mm
Reference Value = 114.5 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 26.0 W/kg
SAR(1 g) = 12.9 W/kg; SAR(10 g) = 6.11 W/kg
Smallest distance from peaks to all points 3 dB below = 9 mm
Ratio of SAR at M2 to SAR at M1 = 50.3 %
Maximum value of SAR (measured) = 20.8 W/kg

Configuration/250 mW/Z Scan (1x1x31): Measurement grid: dx=20 mm, dy=20 mm, dz=5 mm
Maximum value of SAR (measured) = 21.4 W/kg

Note: Liquid temp. is kept within the 2 degree.C. during the test.



C.50 20221003 1750 MHz Ambient Temp_23.5 deg.C._Liquid Temp_23.5 deg.C

Communication System info

Communication System: UID 0, _CW (0)
Communication System Band: D1750 (1750.0 MHz)Duty Cycle: 1:1
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

Probe info:

Probe: EX3DV4 - SN3917 / Calibrated: 2022/05/17
ConvF(8.4, 8.4, 8.4) @ 1750 MHz
Medium parameters used: $f = 1750$ MHz; $\sigma = 1.345$ S/m; $\epsilon_r = 39.812$; $\rho = 1000$ kg/m³
Sensor-Surface: 1.4 mm (Mechanical Surface Detection), Sensor-Surface: 0 mm (Fix Surface)

DAE info:

Electronics: DAE4 Sn1369 / Calibrated: 2022/05/09

Phantom info:

Phantom: ELI v5.0 (20 deg probe tilt)/Phantom section: Flat Section
Type: QDOVA001BB
Serial: TP:1203

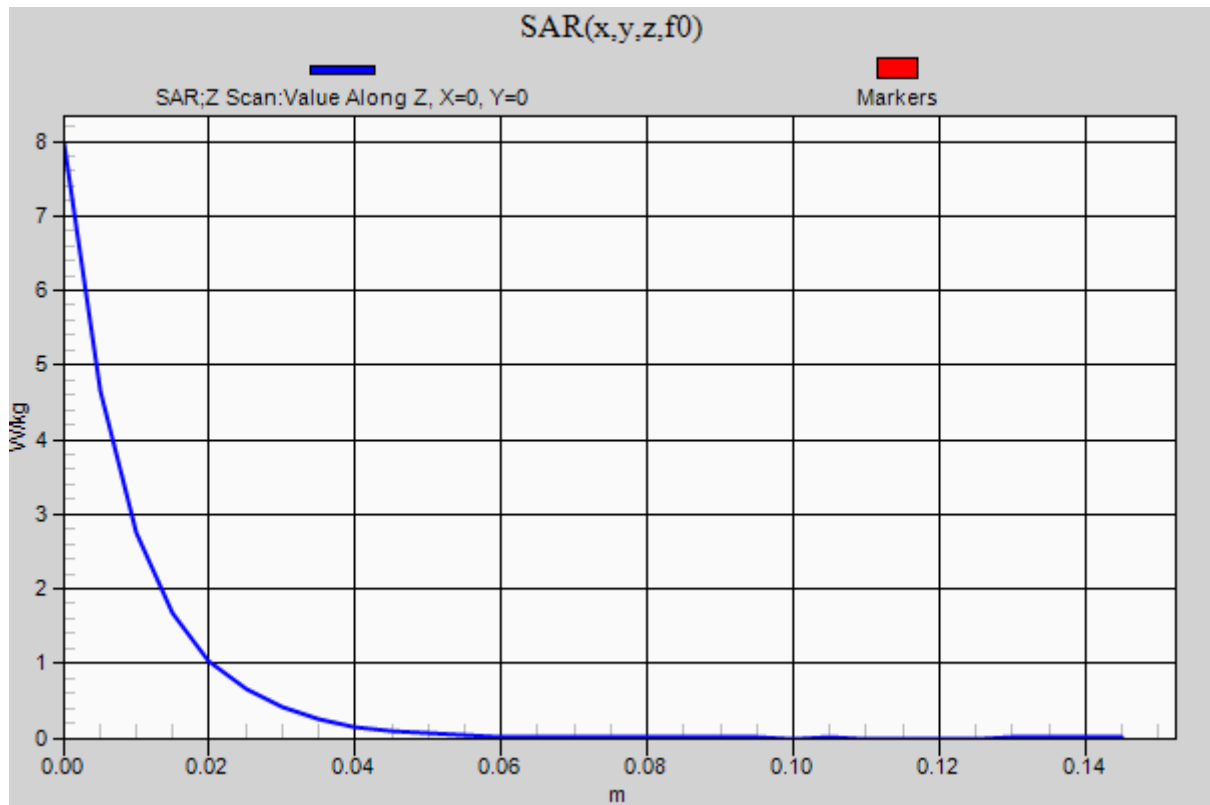
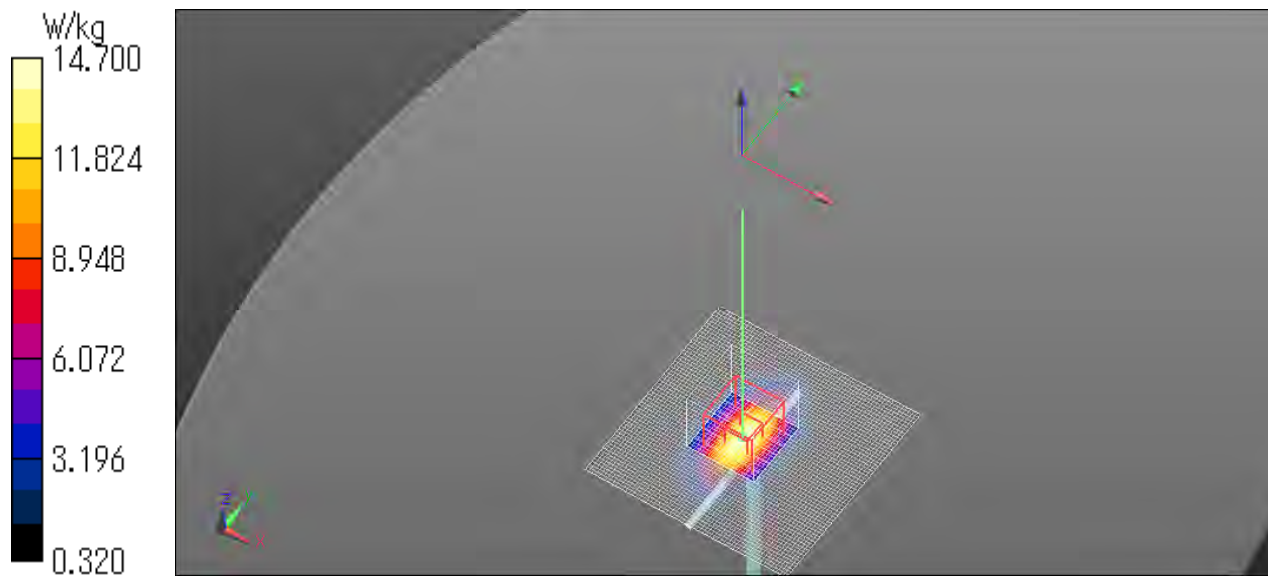
Software info DASYS 52.10.4(1535) SEMCAD X 14.6.14(7501)

Configuration/250 mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 14.4 W/kg

Configuration/250 mW/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5 mm
Reference Value = 107.8 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 17.9 W/kg
SAR(1 g) = 9.4 W/kg; SAR(10 g) = 4.99 W/kg
Smallest distance from peaks to all points 3 dB below = 10 mm
Ratio of SAR at M2 to SAR at M1 = 53.4 %
Maximum value of SAR (measured) = 14.7 W/kg

Configuration/250 mW/Z Scan (1x1x31): Measurement grid: dx=20 mm, dy=20 mm, dz=5 mm
Maximum value of SAR (measured) = 7.95 W/kg

Note: Liquid temp. is kept within the 2 degree.C. during the test.



C.51 20221003 2600 MHz Ambient Temp_23.5 deg.C._Liquid Temp_23.5 deg.C

Communication System info

Communication System: UID 0, _CW (0)
Communication System Band: D2600 (2600.0 MHz)Duty Cycle: 1:1
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

Probe info:

Probe: EX3DV4 - SN3917 / Calibrated: 2022/05/17
ConvF(7.47, 7.47, 7.47) @ 2600 MHz
Medium parameters used: $f = 2600$ MHz; $\sigma = 1.888$ S/m; $\epsilon_r = 38.564$; $\rho = 1000$ kg/m³
Sensor-Surface: 1.4 mm (Mechanical Surface Detection), Sensor-Surface: 0 mm (Fix Surface)

DAE info:

Electronics: DAE4 Sn1369 / Calibrated: 2022/05/09

Phantom info:

Phantom: ELI v5.0 (20 deg probe tilt)/Phantom section: Flat Section
Type: QDOVA001BB
Serial: TP:1203

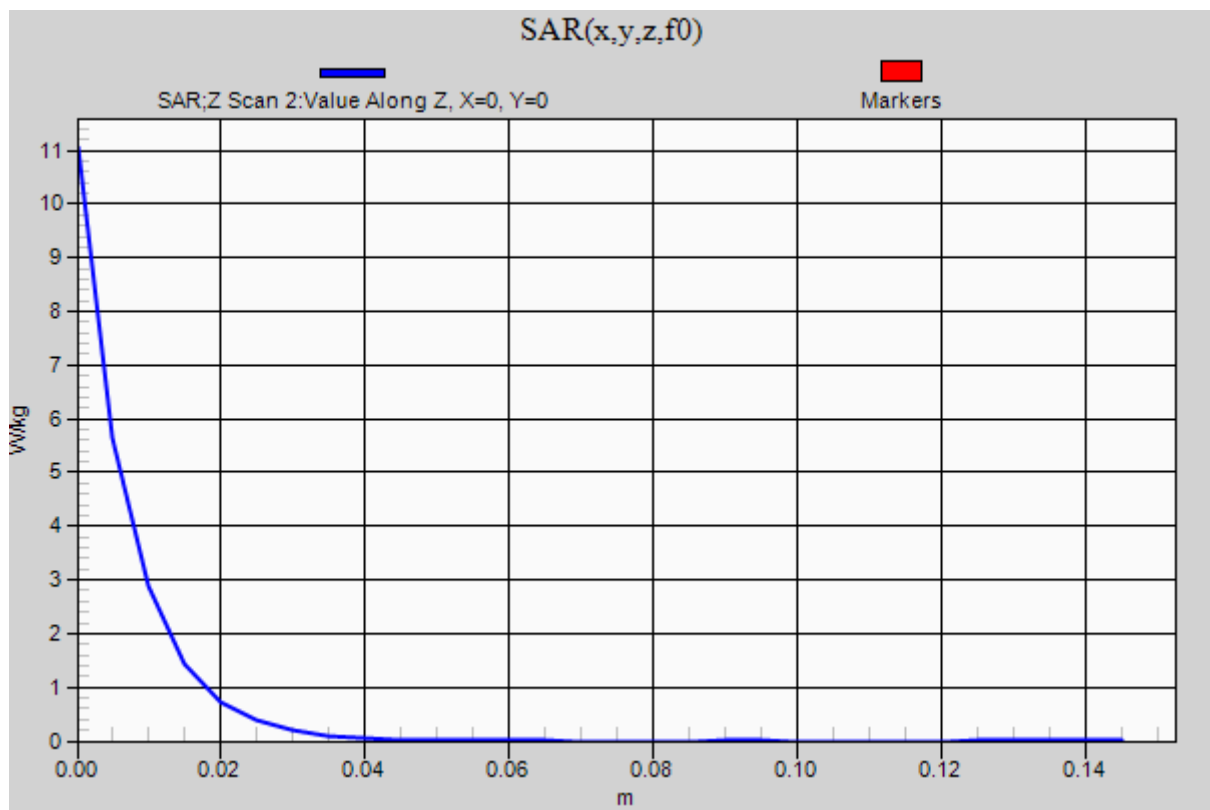
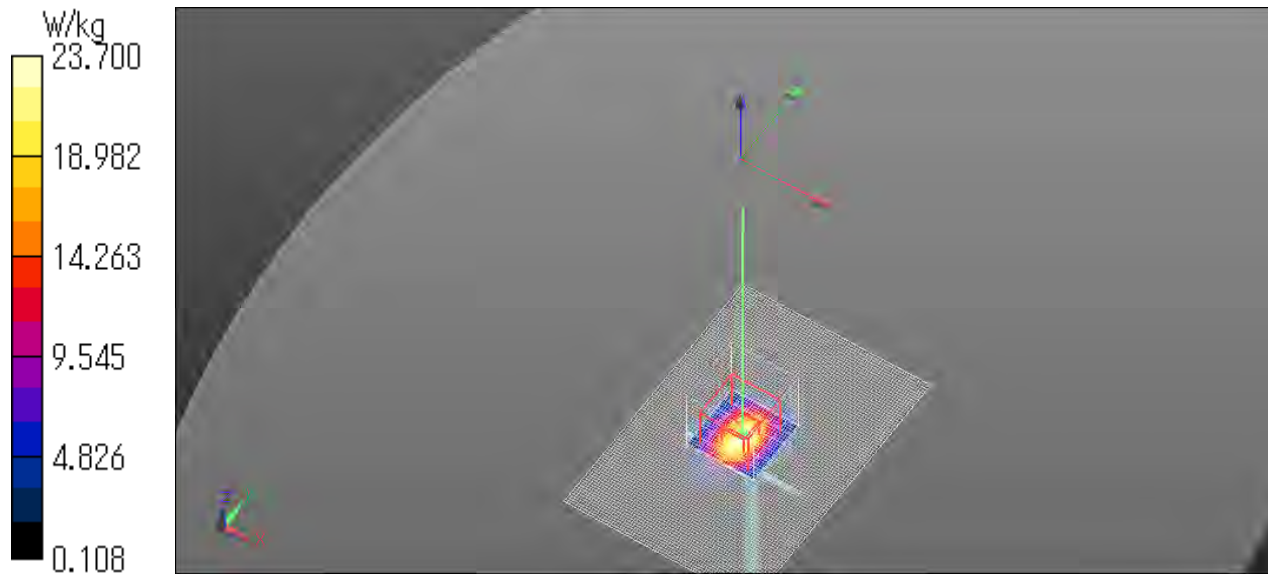
Software info DASYS2 52.10.4(1535) SEMCAD X 14.6.14(7501)

Configuration 2/2600 MHz/Area Scan (71x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 23.7 W/kg

Configuration 2/2600 MHz/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5 mm
Reference Value = 115.1 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 30.4 W/kg
SAR(1 g) = 13.8 W/kg; SAR(10 g) = 6.16 W/kg
Smallest distance from peaks to all points 3 dB below = 8.9 mm
Ratio of SAR at M2 to SAR at M1 = 46.3 %
Maximum value of SAR (measured) = 23.7 W/kg

Configuration 2/2600 MHz/Z Scan (1x1x31): Measurement grid: dx=20 mm, dy=20 mm, dz=5 mm
Maximum value of SAR (measured) = 11.0 W/kg

Note: Liquid temp. is kept within the 2 degree.C. during the test.



C.52 20221004 3500 MHz Ambient Temp_23.5 deg.C._Liquid Temp_23.5 deg.C

Communication System info

Communication System: UID 0, _CW (0)
Communication System Band: D3500 (3500.0 MHz)Duty Cycle: 1:1
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

Probe info:

Probe: EX3DV4 - SN3917 / Calibrated: 2022/05/17
ConvF(6.8, 6.8, 6.8) @ 3500 MHz
Medium parameters used: $f = 3500$ MHz; $\sigma = 2.93$ S/m; $\epsilon_r = 37.826$; $\rho = 1000$ kg/m³
Sensor-Surface: 1.4 mm (Mechanical Surface Detection)

DAE info:

Electronics: DAE4 Sn1369 / Calibrated: 2022/05/09

Phantom info:

Phantom: ELI v5.0 (20 deg probe tilt)/Phantom section: Flat Section
Type: QDOVA001BB
Serial: TP:1203

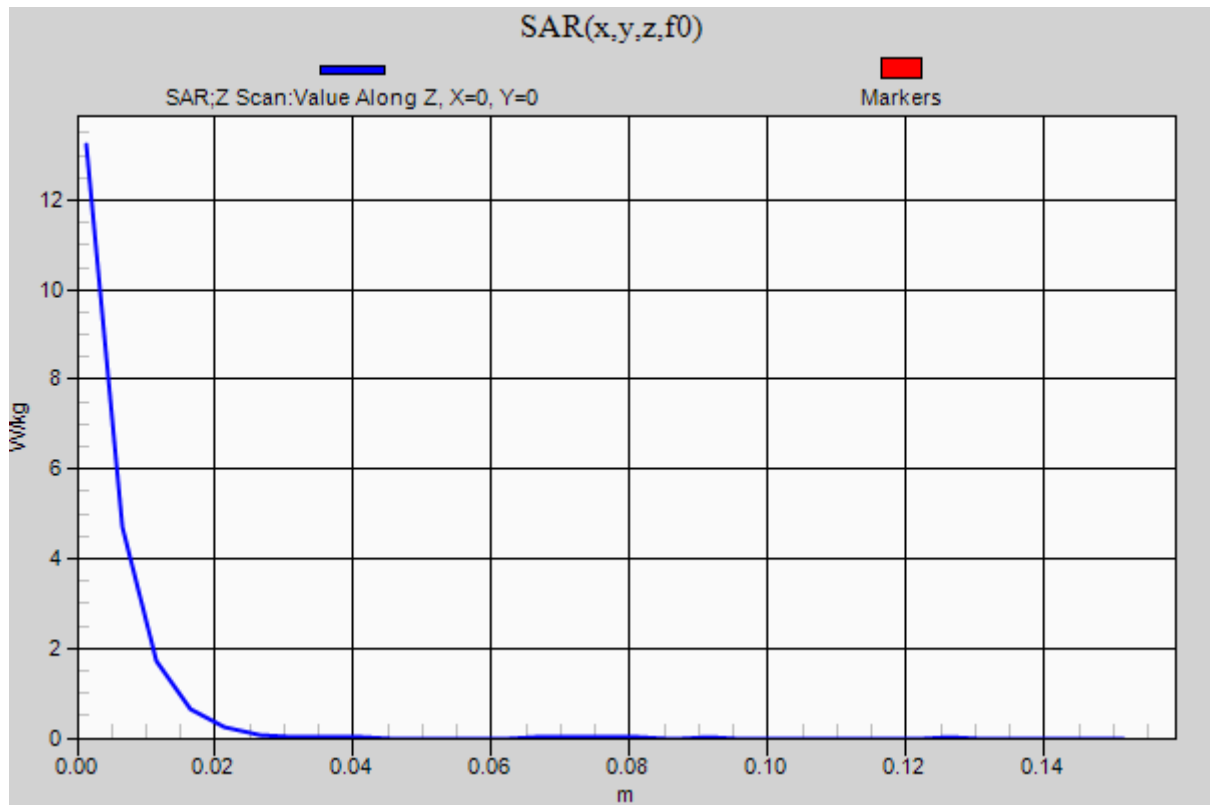
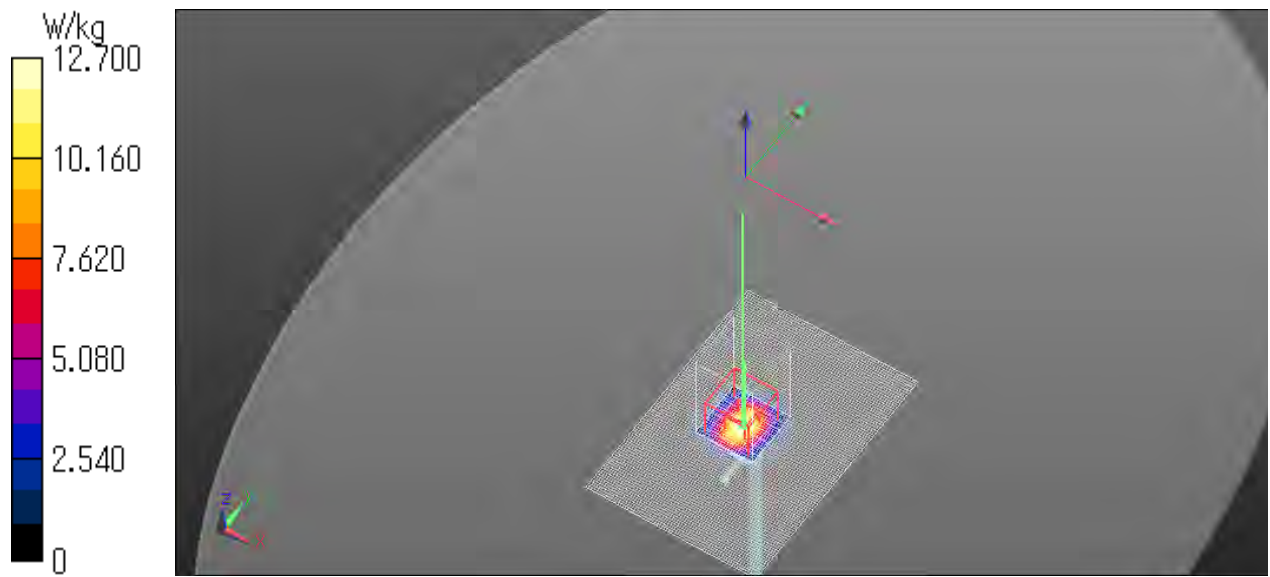
Software info DASYS 52.10.4(1535) SEMCAD X 14.6.14(7501)

Configuration/3500 MHz/Area Scan (71x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 13.4 W/kg

Configuration/3500 MHz/Zoom Scan (8x8x9)/Cube 0: Measurement grid: dx=4 mm, dy=4 mm, dz=1.4 mm
Reference Value = 70.78 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 18.1 W/kg
SAR(1 g) = 6.57 W/kg; SAR(10 g) = 2.44 W/kg
Smallest distance from peaks to all points 3 dB below = 8 mm
Ratio of SAR at M2 to SAR at M1 = 74.5 %
Maximum value of SAR (measured) = 12.7 W/kg

Configuration/3500MHz/Z Scan (1x1x31): Measurement grid: dx=20 mm, dy=20 mm, dz=5 mm
Maximum value of SAR (measured) = 13.2 W/kg

Note: Liquid temp. is kept within the 2 degree.C. during the test.



C.53 20221004 5250 MHz Ambient Temp_23.5 deg.C._Liquid Temp_23.5 deg.C

Communication System info

Communication System: UID 0, #CW (0)
Communication System Band: D5GHz (5000.0 - 6000.0 MHz)Duty Cycle: 1:1
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

Probe info:

Probe: EX3DV4 - SN3825 / Calibrated: 2022/07/20
ConvF(5.18, 5.18, 5.18) @ 5250 MHz
Medium parameters used: $f = 5250$ MHz; $\sigma = 4.559$ S/m; $\epsilon_r = 36.198$; $\rho = 1000$ kg/m³
Sensor-Surface: 1.4 mm (Mechanical Surface Detection)

DAE info:

Electronics: DAE4 Sn509 / Calibrated: 2022/07/13

Phantom info:

Phantom: ELI v5.0 TP1207 (30 deg probe tilt)/Phantom section: Flat Section
Type: QDOVA001BB
Serial: TP:1207

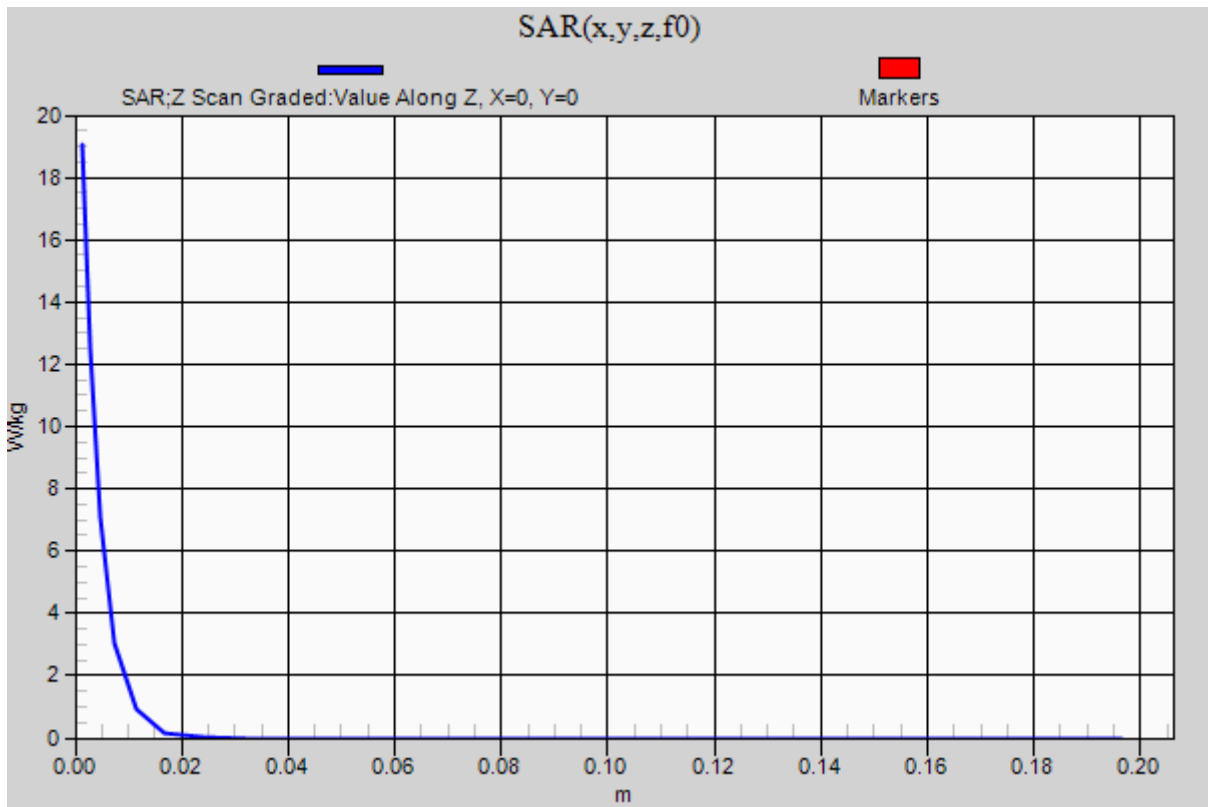
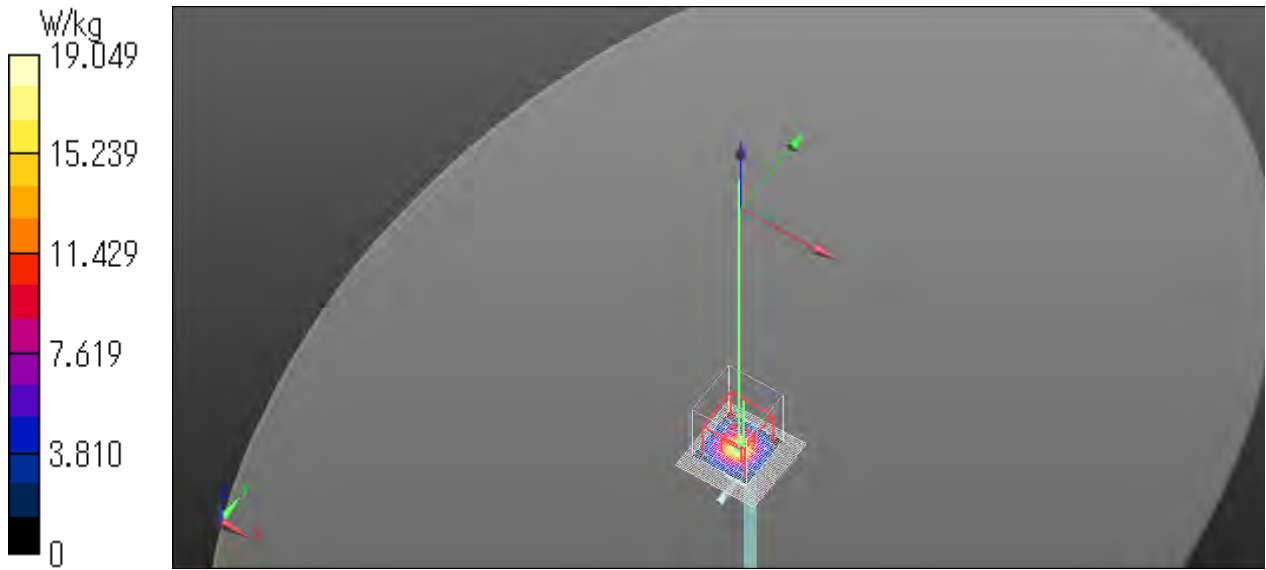
Software info DASYS2 52.10.4(1535) SEMCAD X 14.6.14(7501)

Pin/5250 MHz/Area Scan (41x41x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 18.0 W/kg

Pin/5250 MHz/Zoom Scan, dist=1.4 mm (8x8x8)/Cube 0: Measurement grid: dx=4 mm, dy=4 mm, dz=1.4 mm
Reference Value = 65.59 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 29.3 W/kg
SAR(1 g) = 7.58 W/kg; SAR(10 g) = 2.16 W/kg
Smallest distance from peaks to all points 3 dB below = 6.9 mm
Ratio of SAR at M2 to SAR at M1 = 66.4 %
Maximum value of SAR (measured) = 17.2 W/kg

Pin/5250 MHz/Z Scan Graded (1x1x13): Measurement grid: dx=20 mm, dy=20 mm, dz=1.4 mm
Maximum value of SAR (measured) = 19.0 W/kg

Note: Liquid temp. is kept within the 2 degree.C. during the test.



C.54 20221004 5800 MHz Ambient Temp_23.5 deg.C._Liquid Temp_23.5 deg.C

Communication System info

Communication System: UID 0, #CW (0)
Communication System Band: D5GHz (5000.0 - 6000.0 MHz)Duty Cycle: 1:1
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

Probe info:

Probe: EX3DV4 - SN3825 / Calibrated: 2022/07/20
ConvF(4.73, 4.73, 4.73) @ 5800 MHz
Medium parameters used: $f = 5800$ MHz; $\sigma = 5.146$ S/m; $\epsilon_r = 35.455$; $\rho = 1000$ kg/m³
Sensor-Surface: 1.4 mm (Mechanical Surface Detection)

DAE info:

Electronics: DAE4 Sn509 / Calibrated: 2022/07/13

Phantom info:

Phantom: ELI v5.0 TP1207 (30 deg probe tilt)/Phantom section: Flat Section
Type: QDOVA001BB
Serial: TP:1207

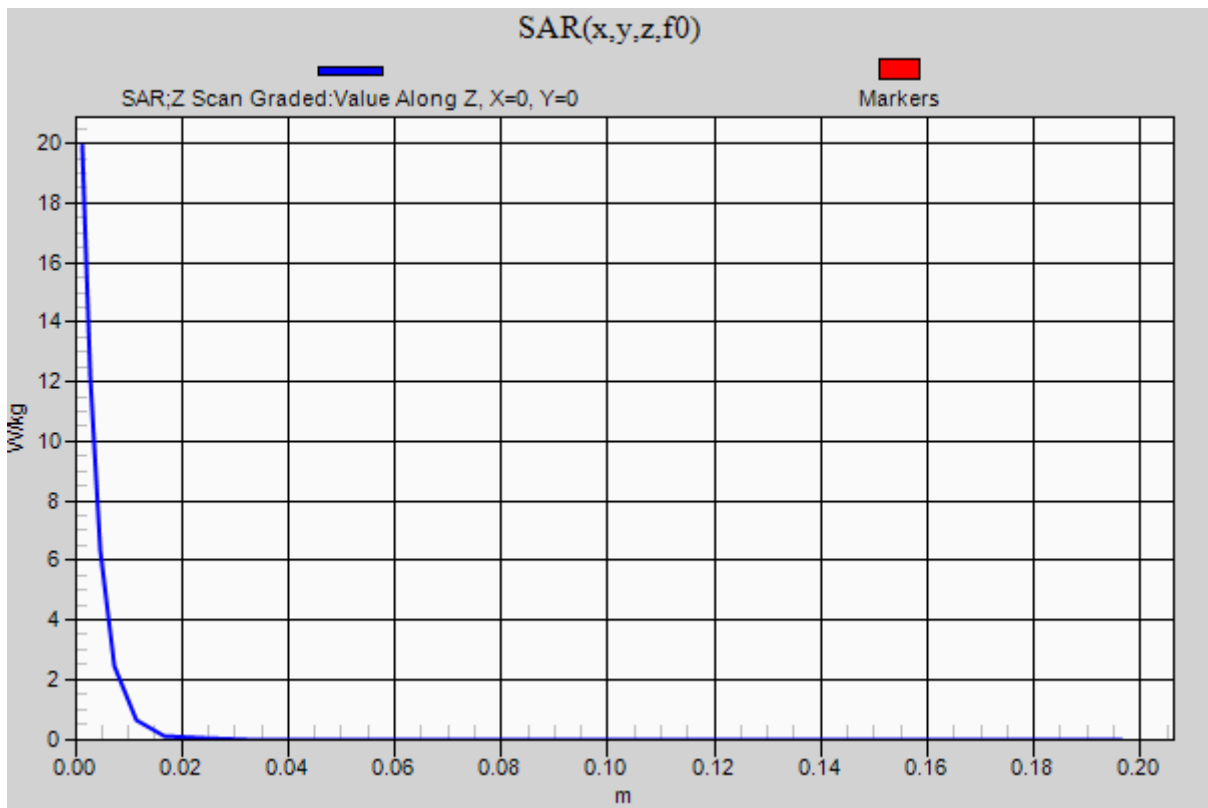
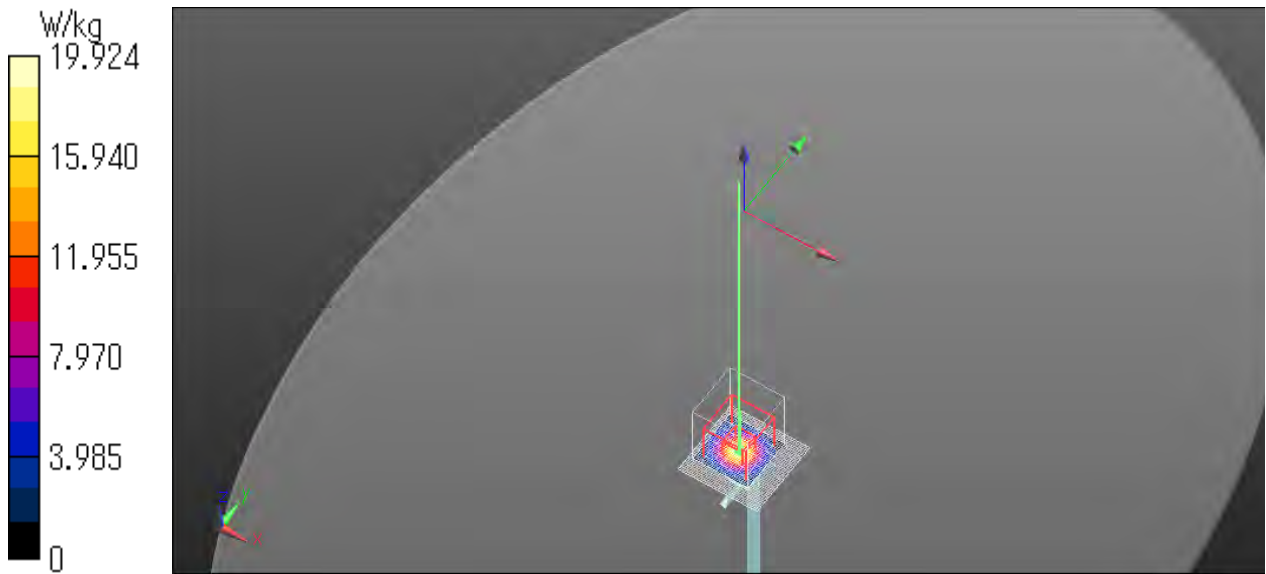
Software info DASYS 52.10.4(1535) SEMCAD X 14.6.14(7501)

Pin/5800 MHz/Area Scan (41x41x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 18.7 W/kg

Pin/5800 MHz/Zoom Scan, dist=1.4 mm (8x8x8)/Cube 0: Measurement grid: dx=4 mm, dy=4 mm, dz=1.4 mm
Reference Value = 62.03 V/m; Power Drift = 0.20 dB
Peak SAR (extrapolated) = 33.1 W/kg
SAR(1 g) = 7.48 W/kg; SAR(10 g) = 2.13 W/kg
Smallest distance from peaks to all points 3 dB below = 7.6 mm
Ratio of SAR at M2 to SAR at M1 = 62.2 %
Maximum value of SAR (measured) = 18.3 W/kg

Pin/5800 MHz/Z Scan Graded (1x1x13): Measurement grid: dx=20 mm, dy=20 mm, dz=1.4 mm
Maximum value of SAR (measured) = 19.9 W/kg

Note: Liquid temp. is kept within the 2 degree.C. during the test.



C.55 20221031 10000 MHz Ambient Temp_24.5 deg.C.

Measurement Report for Device, FRONT, Validation band, UID 0 -, Channel 10000 (10000.0MHz)

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
, Device	70.0 x 53.0 x 173.0		Tablet

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	FRONT, 10.00	Validation band	CW, 0--	10000.0, 10000	1.0

Hardware Setup

Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 1038	---Air	EUmmWV4 - SN9450_F1-55GHz, 2021-11-11	DAE4 Sn509, 2022-07-13

Scan Setup

	5G Scan	Measurement Results	5G Scan
Grid Extents [mm]	120.0 x 120.0	Date	2022-10-31, 09:44
Grid Steps [lambda]	0.25 x 0.25	Avg. Area [cm ²]	1.00
Sensor Surface [mm]	10.0	psPDn+ [W/m ²]	54.4
MAIA	N/A	psPDtot+ [W/m ²]	54.5
		psPDmod+ [W/m ²]	54.9
		E _{max} [V/m]	149
		Power Drift [dB]	0.00

Warning(s) / Error(s)

Details	5G Scan
Warning(s)	
Error(s)	

