

Appendix C: System Check

20230202 750 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: 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; $\sigma = 0.916$ S/m; $\epsilon_r = 41.99$; $\rho = 1000$ 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 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) = 3.02 W/kg

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

Reference Value = 60.35 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 3.59 W/kg

SAR(1 g) = 2.32 W/kg; SAR(10 g) = 1.53 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid (> 15 mm)

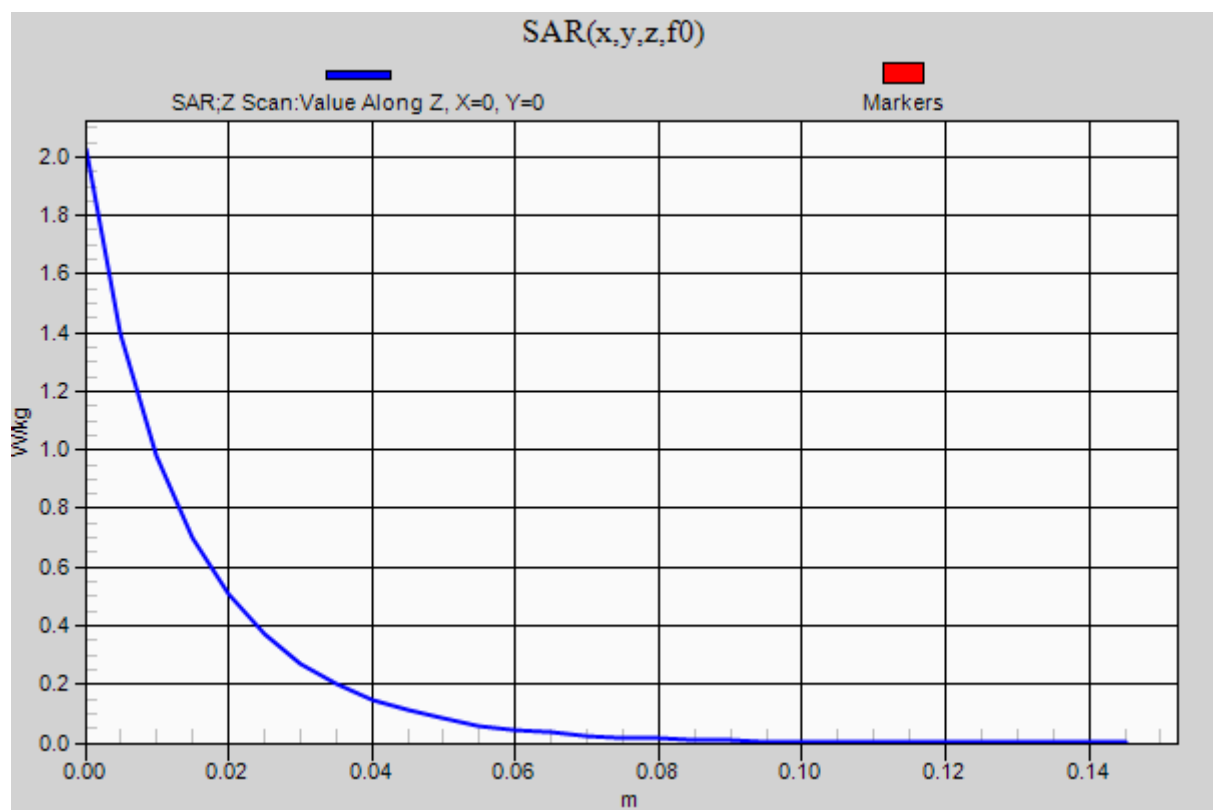
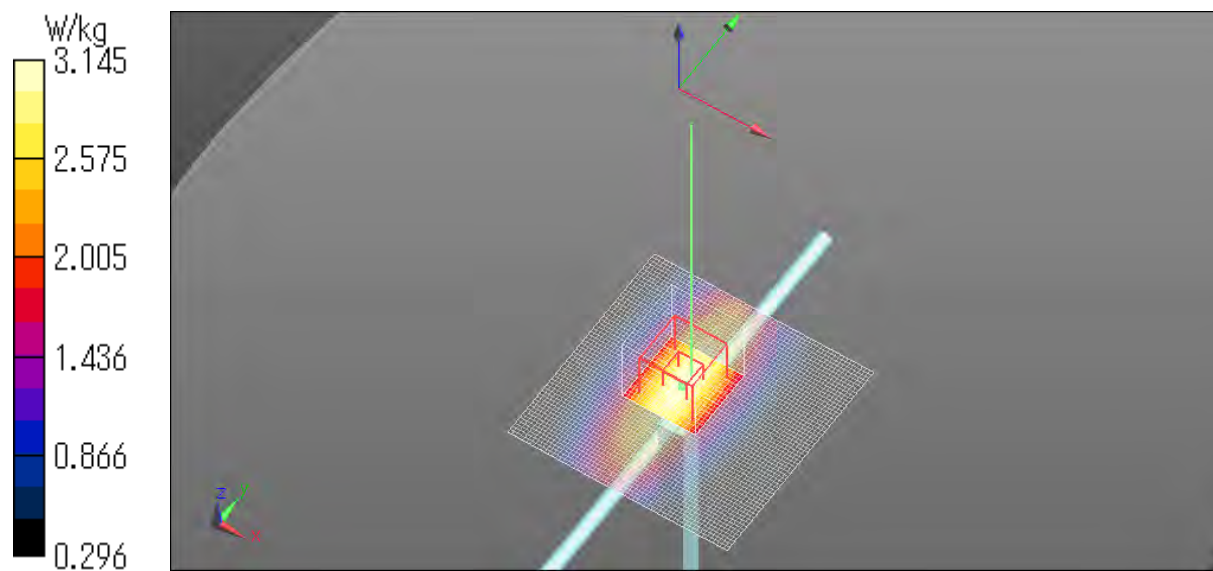
Ratio of SAR at M2 to SAR at M1 = 64.5%

Maximum value of SAR (measured) = 3.14 W/kg

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

Maximum value of SAR (measured) = 2.02 W/kg

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



20230206 750 MHz Ambient Temp_22.5 deg.C._Liquid Temp_22.5 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 - SN3917 / Calibrated: 2022/05/17

ConvF(10.11, 10.11, 10.11) @ 750 MHz

Medium parameters used: $f = 750$ MHz; $\sigma = 0.902$ S/m; $\epsilon_r = 41.378$; $\rho = 1000$ 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 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) = 2.94 W/kg

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

Reference Value = 60.24 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 3.30 W/kg

SAR(1 g) = 2.24 W/kg; SAR(10 g) = 1.48 W/kg

Smallest distance from peaks to all points 3 dB below = 21.3 mm

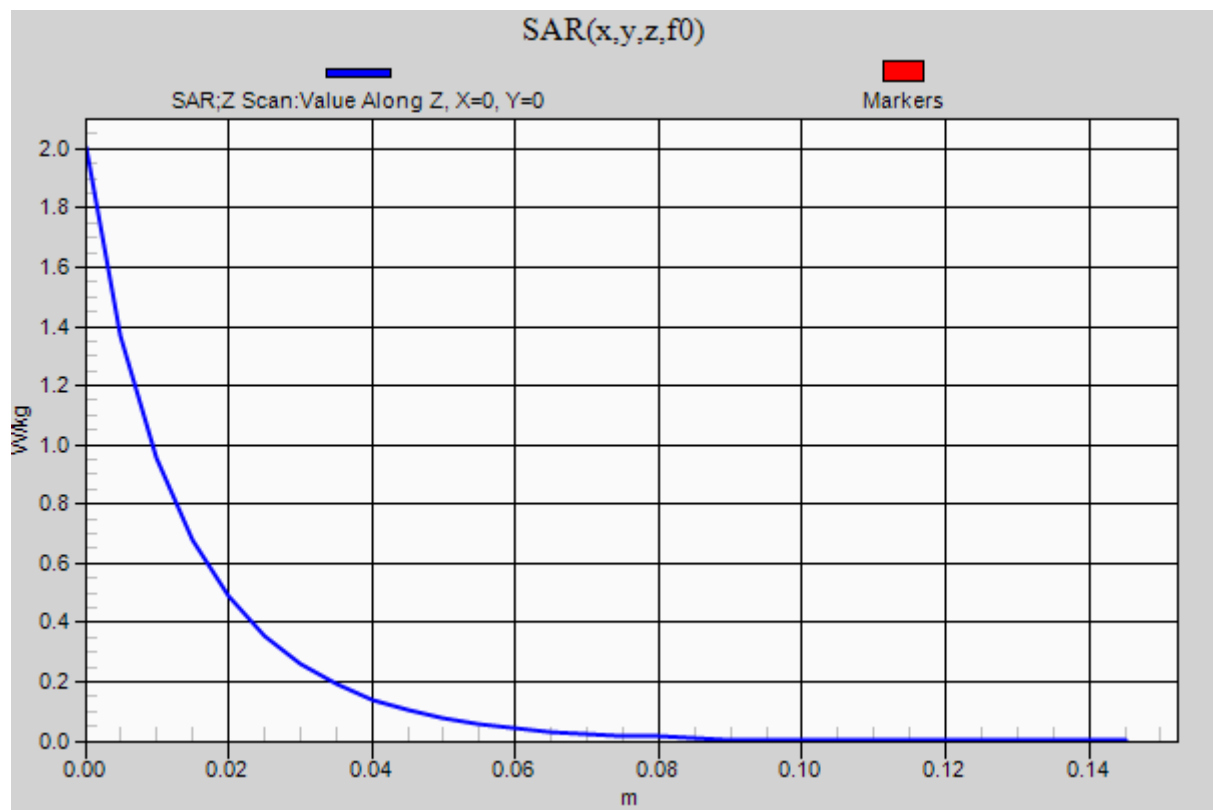
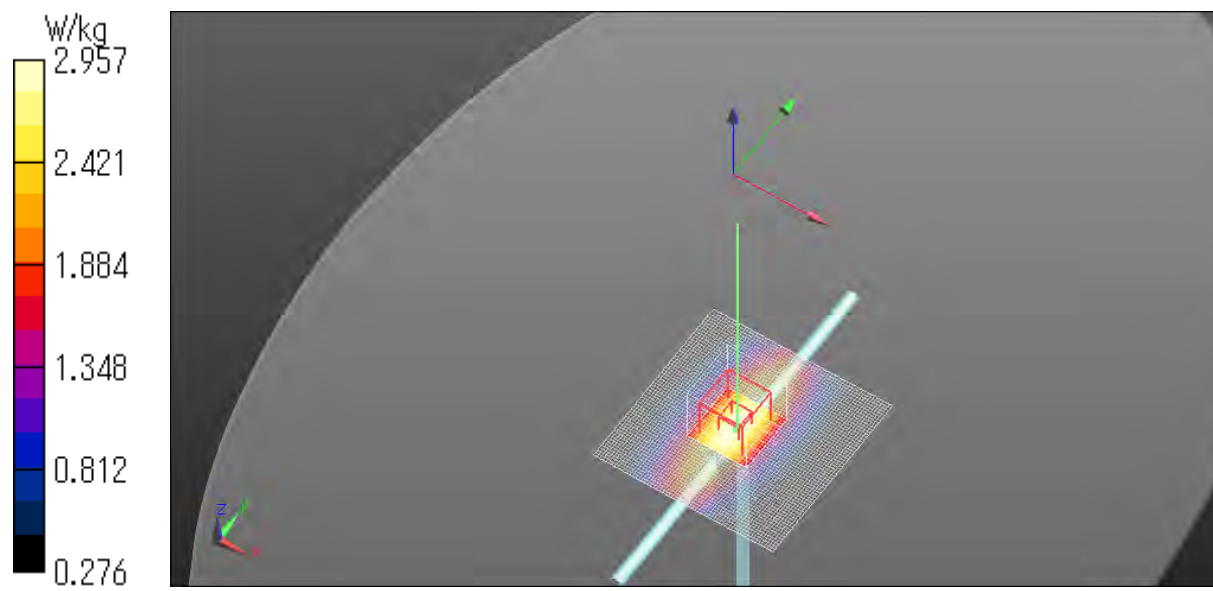
Ratio of SAR at M2 to SAR at M1 = 67.7 %

Maximum value of SAR (measured) = 2.96 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.



20230206 835 MHz Ambient Temp_22.5 deg.C._Liquid Temp_22.5 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 - SN3917 / Calibrated: 2022/05/17

ConvF(9.71, 9.71, 9.71) @ 835 MHz

Medium parameters used: $f = 835$ MHz; $\sigma = 0.93$ S/m; $\epsilon_r = 40.937$; $\rho = 1000$ 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 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) = 3.37 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 = 63.66 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 3.81 W/kg

SAR(1 g) = 2.58 W/kg; SAR(10 g) = 1.69 W/kg

Smallest distance from peaks to all points 3 dB below = 19.2 mm

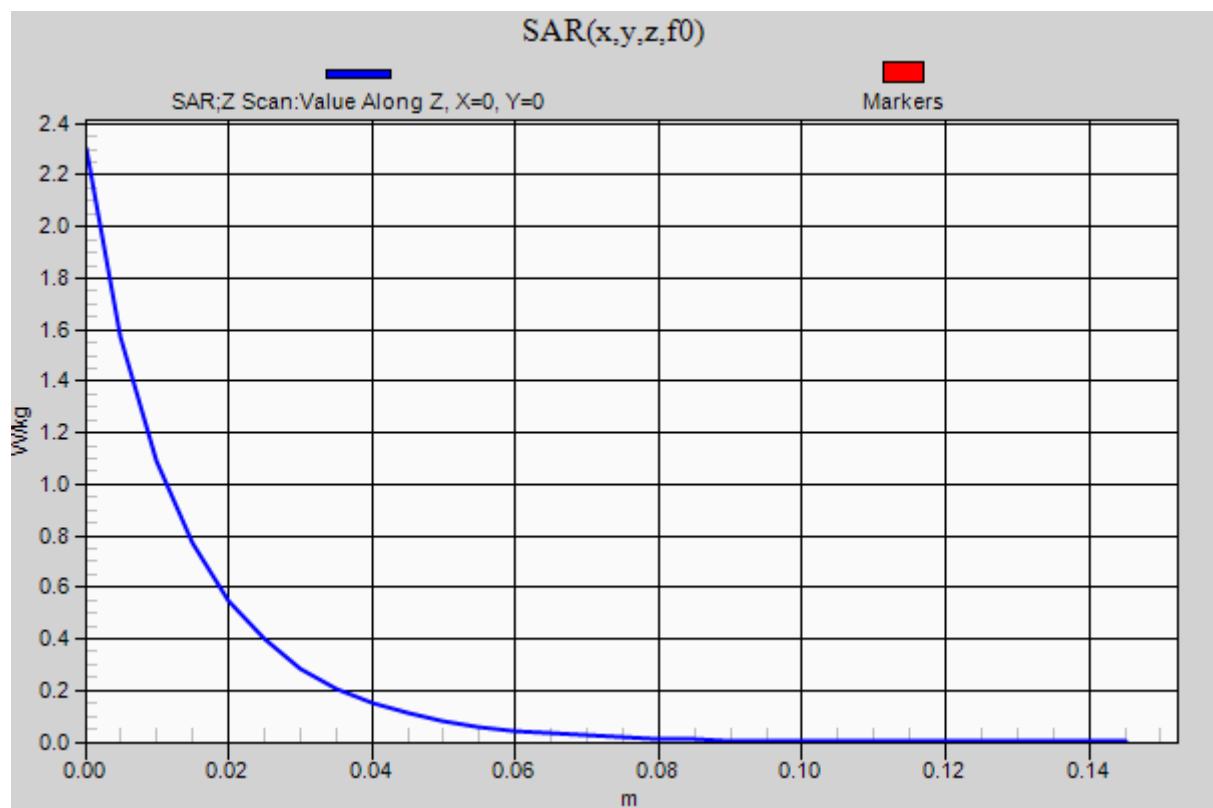
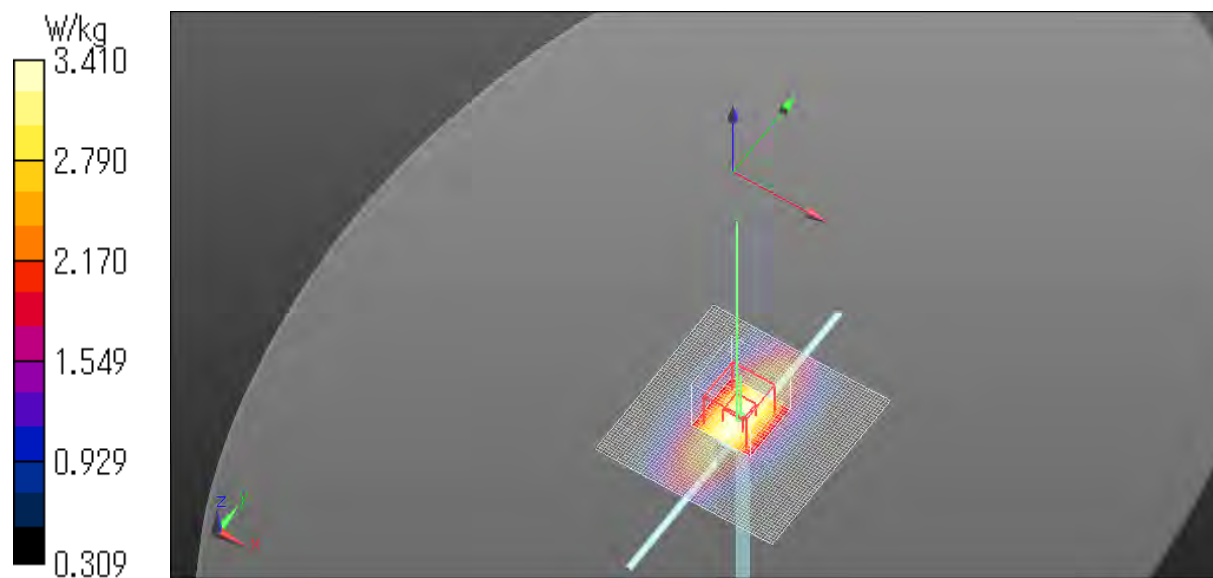
Ratio of SAR at M2 to SAR at M1 = 67.5 %

Maximum value of SAR (measured) = 3.41 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) = 2.30 W/kg

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



20230207 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: DASY5 (IEEE/IEC/ANSI C63.19-2011)

Probe info:

Probe: EX3DV4 - SN3825 / Calibrated: 2022/07/20

ConvF(8.66, 8.66, 8.66) @ 1750 MHz

Medium parameters used: $f = 1750$ MHz; $\sigma = 1.313$ S/m; $\epsilon_r = 37.361$; $\rho = 1000$ 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 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) = 13.2 W/kg

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

Reference Value = 103.9 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 16.4 W/kg

SAR(1 g) = 8.82 W/kg; SAR(10 g) = 4.65 W/kg (SAR corrected for target medium)

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

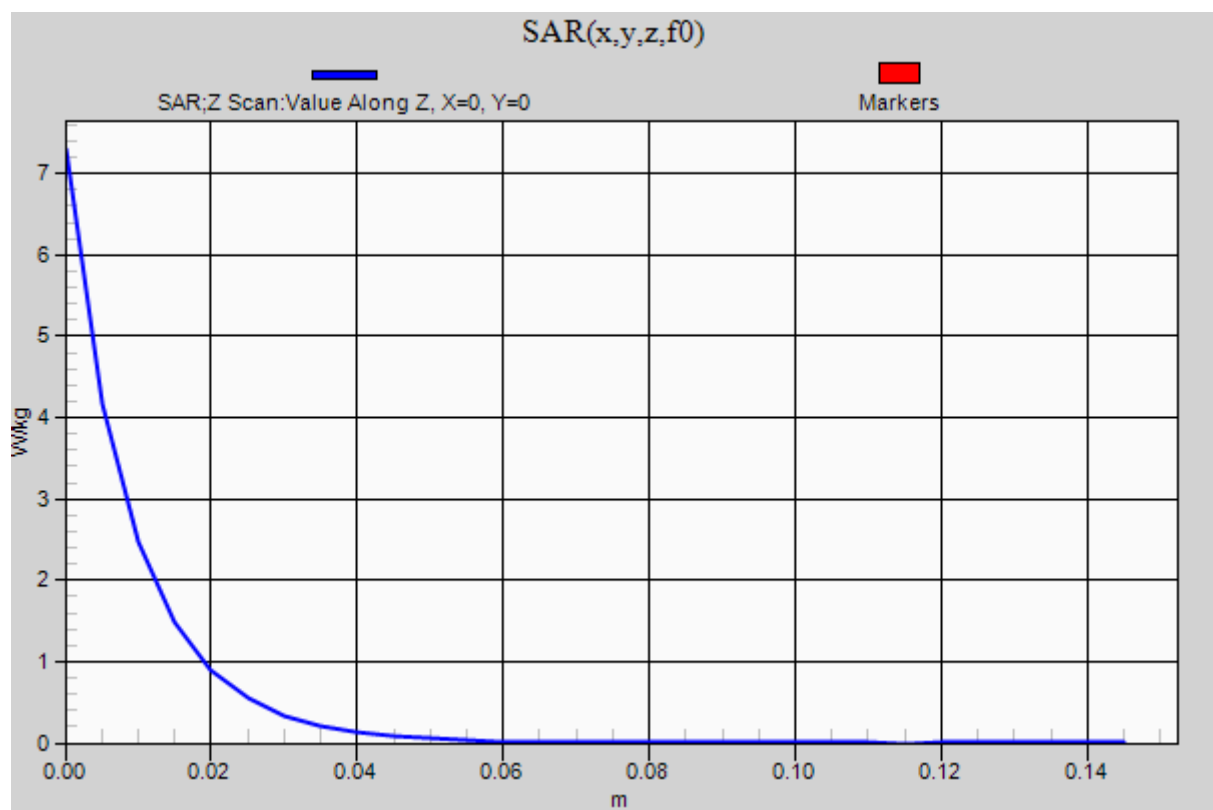
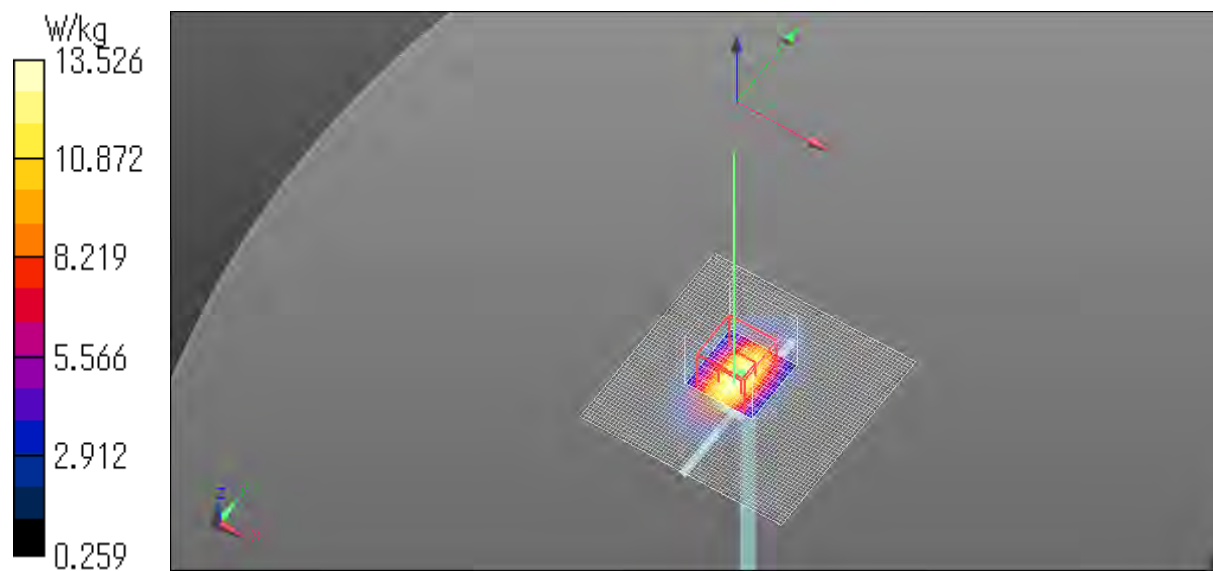
Ratio of SAR at M2 to SAR at M1 = 53.8 %

Maximum value of SAR (measured) = 13.5 W/kg

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

Maximum value of SAR (measured) = 7.29 W/kg

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



20230207 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: DASY5 (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; $\epsilon_r = 36.897$; $\rho = 1000$ 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 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) = 15.8 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 = 110.6 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 19.2 W/kg

SAR(1 g) = 10.2 W/kg; SAR(10 g) = 5.29 W/kg (SAR corrected for target medium)

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

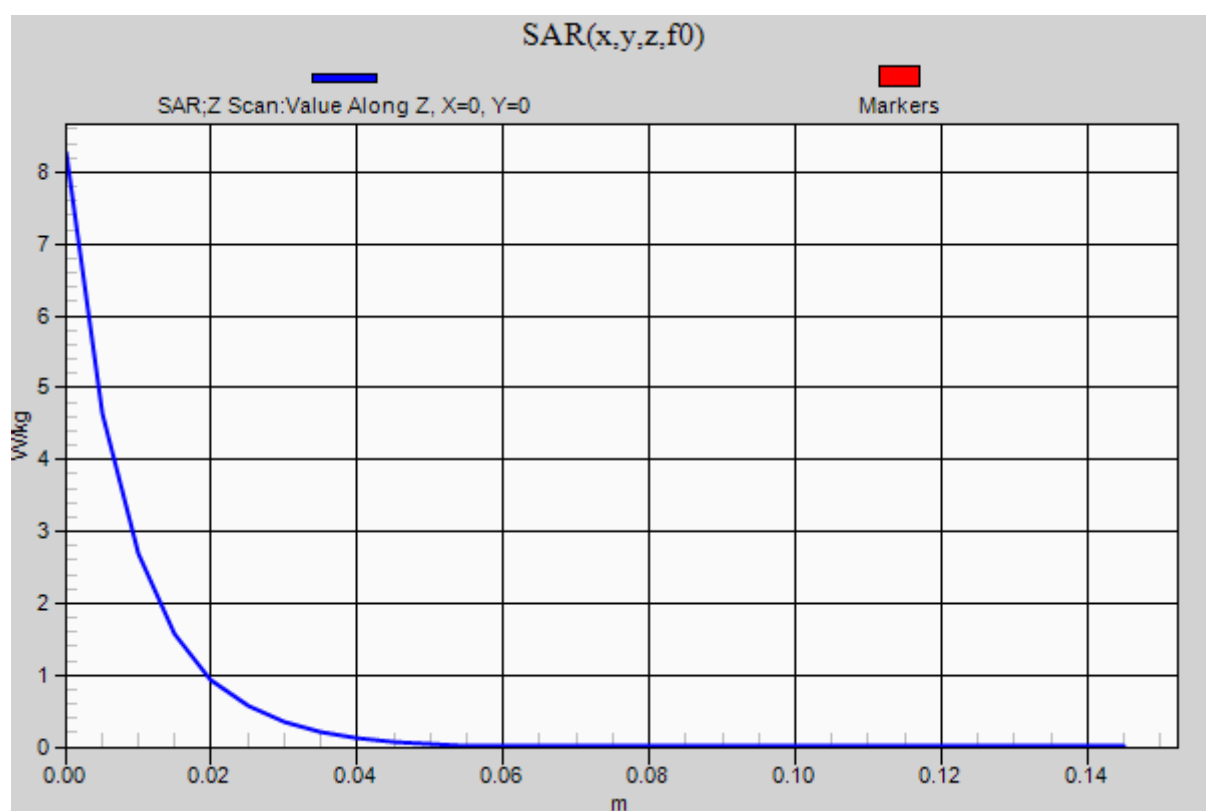
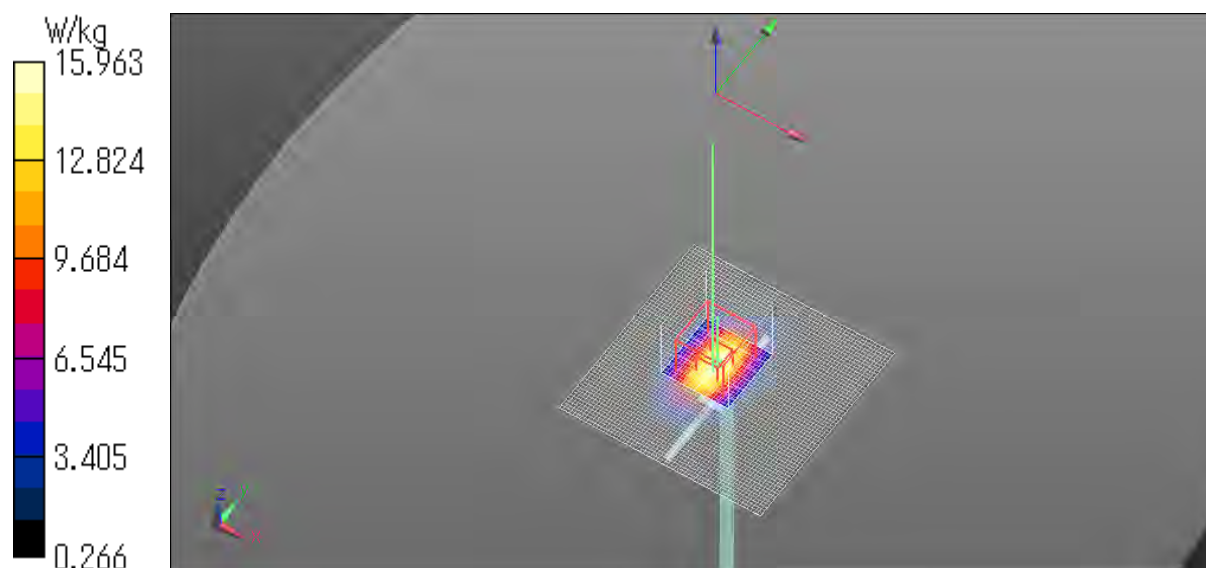
Ratio of SAR at M2 to SAR at M1 = 53.4 %

Maximum value of SAR (measured) = 16.0 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) = 8.27 W/kg

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



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: $f = 750 \text{ MHz}$; $\sigma = 0.886 \text{ S/m}$; $\epsilon_r = 40.321$; $\rho = 1000 \text{ kg/m}^3$

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 DASY52 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) = 2.76 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 = 59.38 V/m ; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 3.18 W/kg

SAR(1 g) = 2.15 W/kg ; SAR(10 g) = 1.42 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid ($> 15 \text{ mm}$)

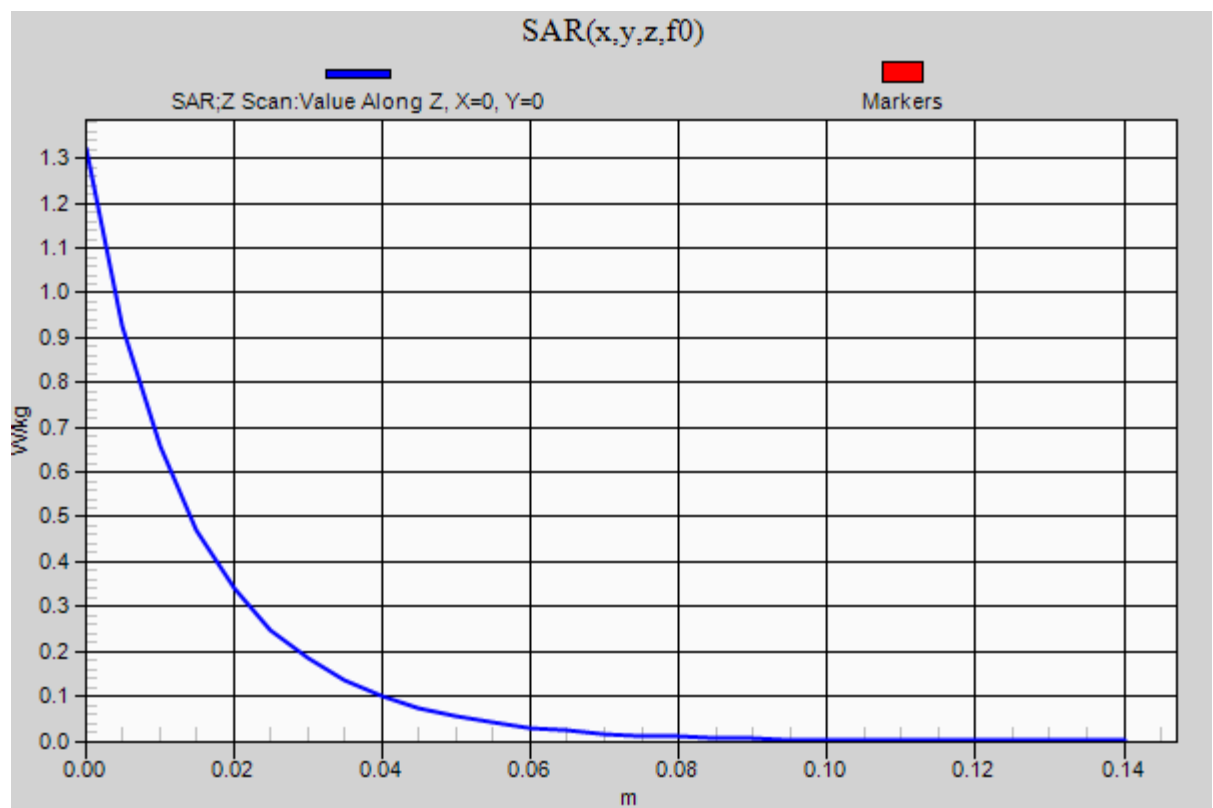
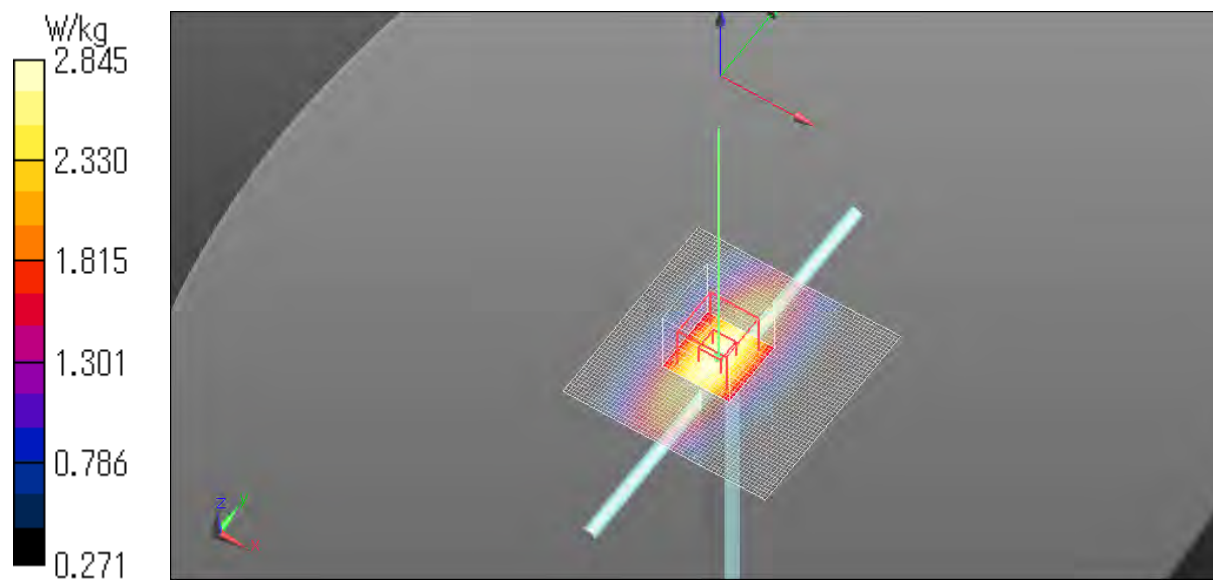
Ratio of SAR at M2 to SAR at M1 = 67.4%

Maximum value of SAR (measured) = 2.84 W/kg

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

Maximum value of SAR (measured) = 1.32 W/kg

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



20230210 835 MHz Ambient Temp_22.5 deg.C._Liquid Temp_22.5 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 - SN3917 / Calibrated: 2022/05/17

ConvF(9.71, 9.71, 9.71) @ 835 MHz

Medium parameters used: $f = 835$ MHz; $\sigma = 0.913$ S/m; $\epsilon_r = 39.993$; $\rho = 1000$ 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 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) = 3.04 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 = 60.91 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 3.48 W/kg

SAR(1 g) = 2.36 W/kg; SAR(10 g) = 1.55 W/kg

Smallest distance from peaks to all points 3 dB below = 18.6 mm

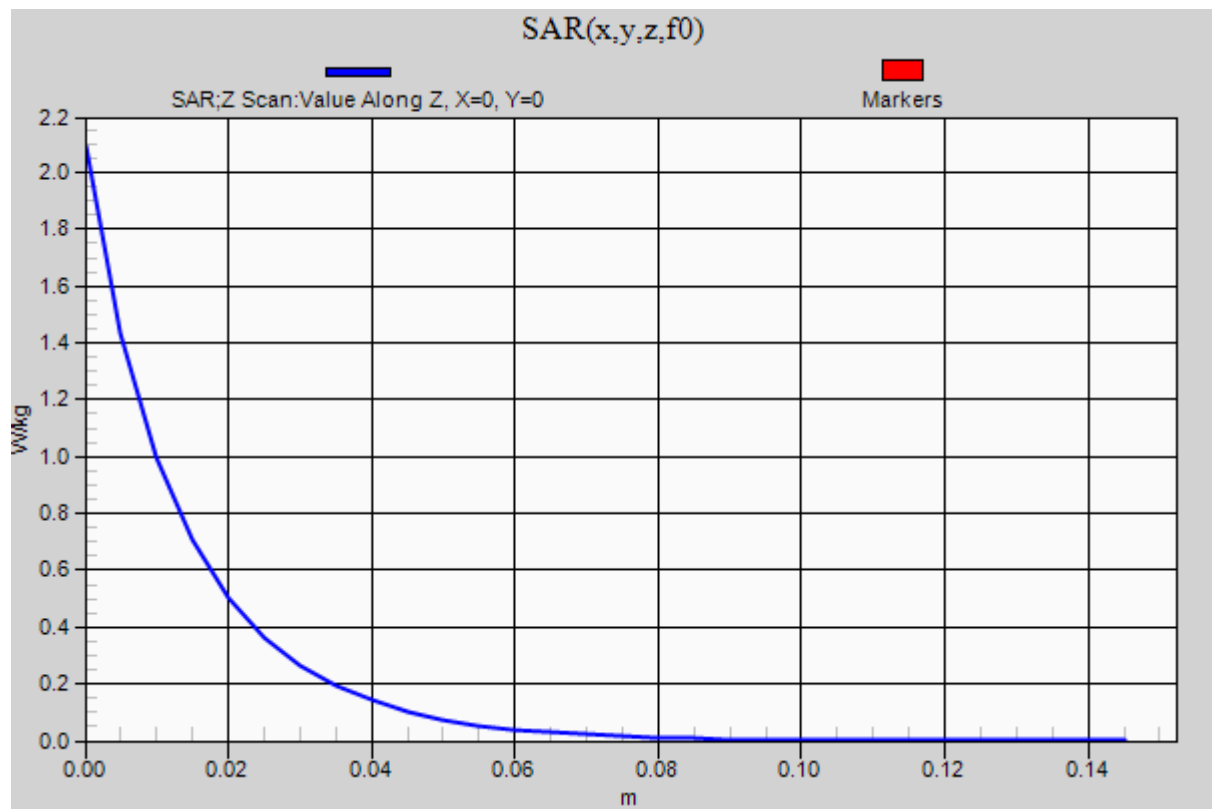
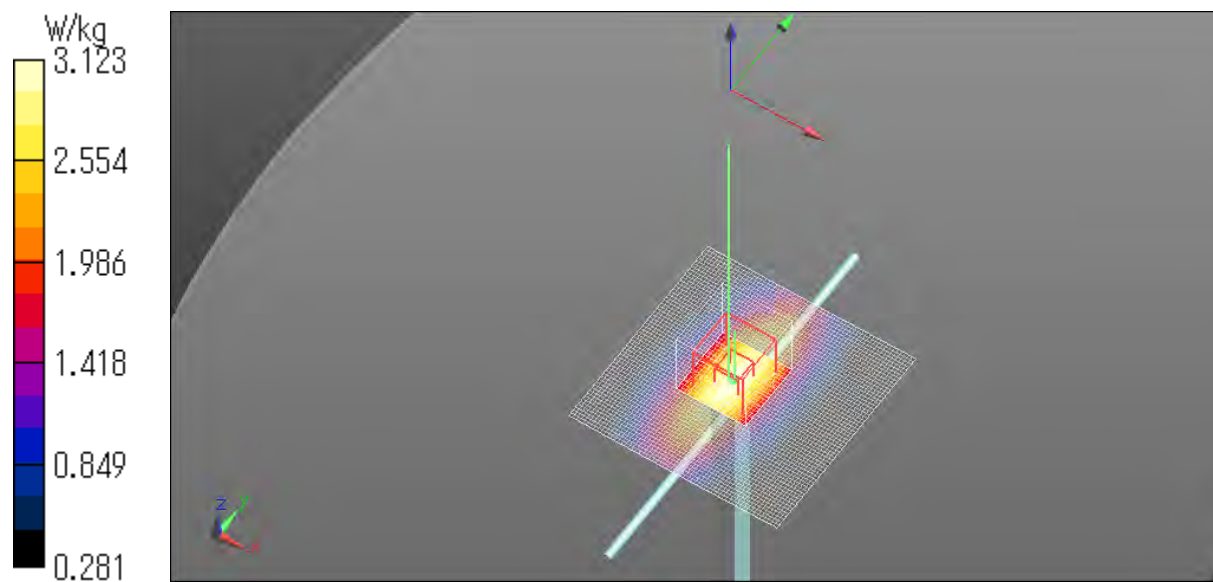
Ratio of SAR at M2 to SAR at M1 = 67.7 %

Maximum value of SAR (measured) = 3.12 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) = 2.09 W/kg

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



20230210 1750 MHz Ambient Temp_22.5 deg.C._Liquid Temp_22.5 deg.C

Communication System info

Communication System: UID 0, _CW (0)

Communication System Band: D1750 (1750.0 MHz)Duty Cycle: 1:1

Measurement Standard: DASY5 (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; $\sigma = 1.308$ S/m; $\epsilon_r = 38.591$; $\rho = 1000$ 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 DASY52 52.10.4(1535) SEMCAD X 14.6.14(7501)

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

Maximum value of SAR (interpolated) = 14.1 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 = 106.9 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 17.8 W/kg

SAR(1 g) = 9.45 W/kg; SAR(10 g) = 5.04 W/kg

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

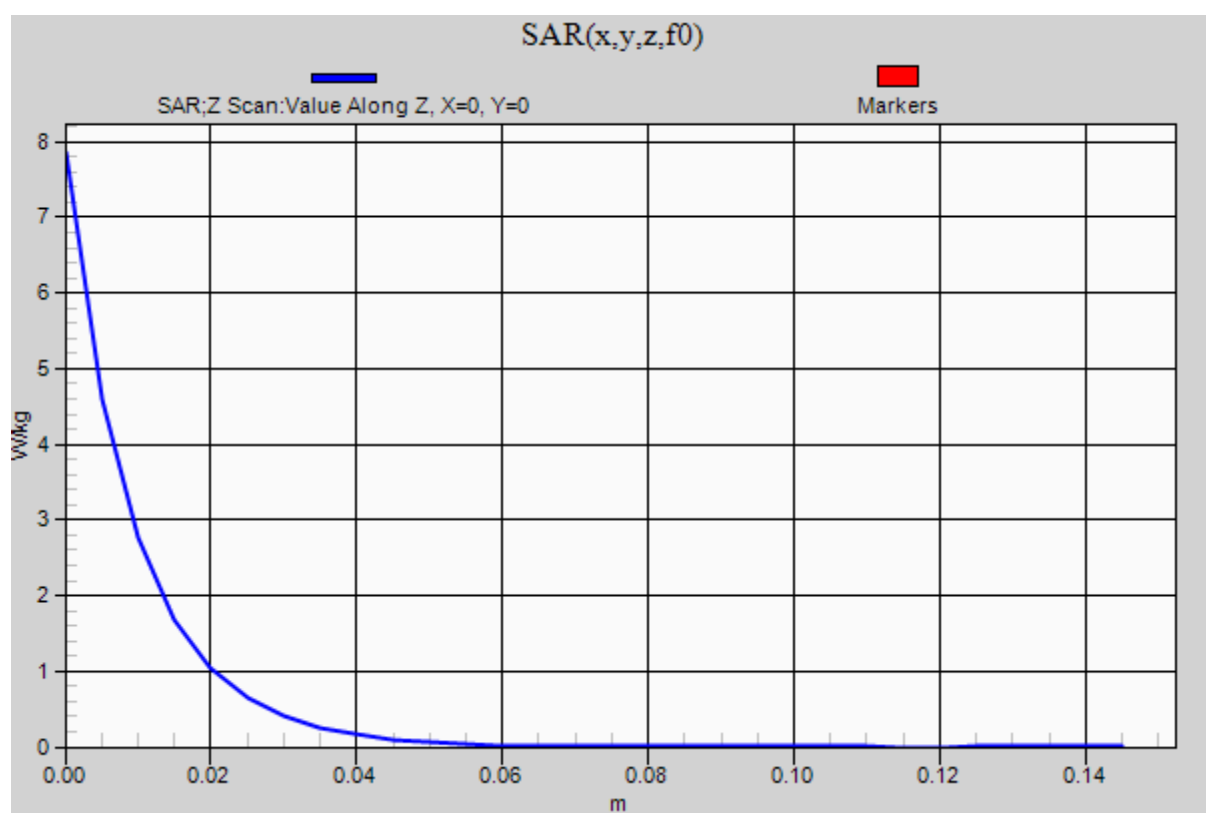
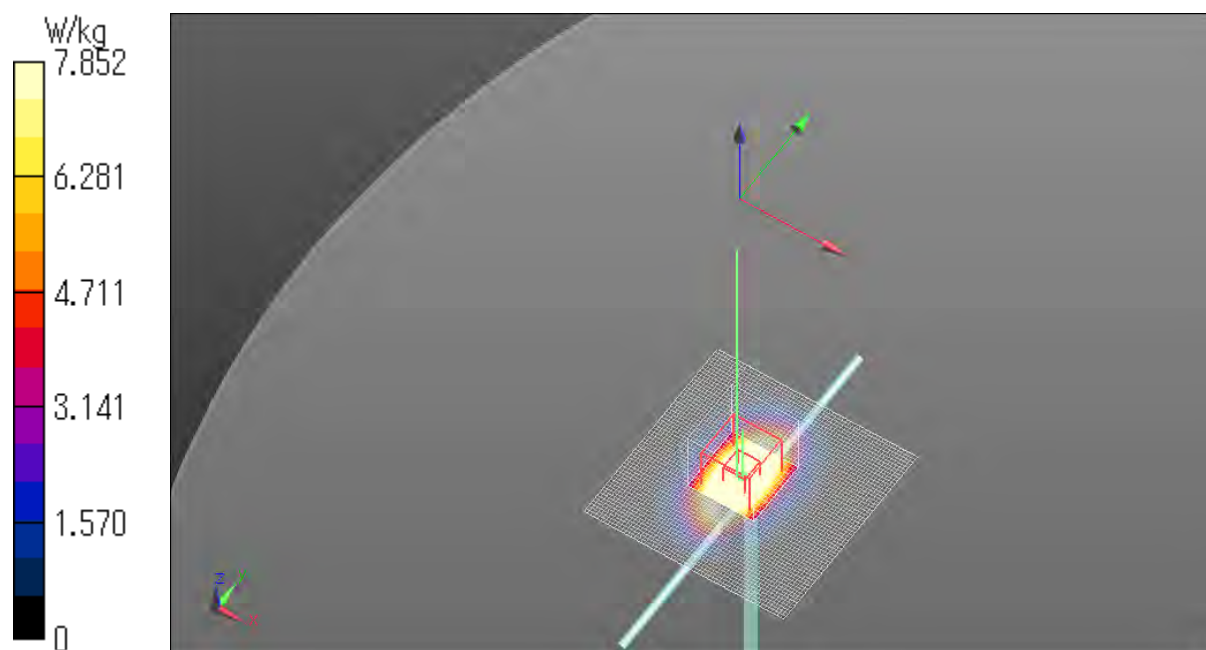
Ratio of SAR at M2 to SAR at M1 = 53.8 %

Maximum value of SAR (measured) = 14.8 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) = 7.85 W/kg

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



20230210 1900 MHz Ambient Temp_22.5 deg.C._Liquid Temp_22.5 deg.C

Communication System info

Communication System: UID 0, _CW (0)

Communication System Band: D1900 (1900.0 MHz)Duty Cycle: 1:1

Measurement Standard: 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; $\sigma = 1.387$ S/m; $\epsilon_r = 38.391$; $\rho = 1000$ 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 DASY52 52.10.4(1535) SEMCAD X 14.6.14(7501)

Configuration/250 mW 4/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 15.5 W/kg

Configuration/250 mW 4/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5 mm

Reference Value = 110.5 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 19.3 W/kg

SAR(1 g) = 10.4 W/kg; SAR(10 g) = 5.41 W/kg

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

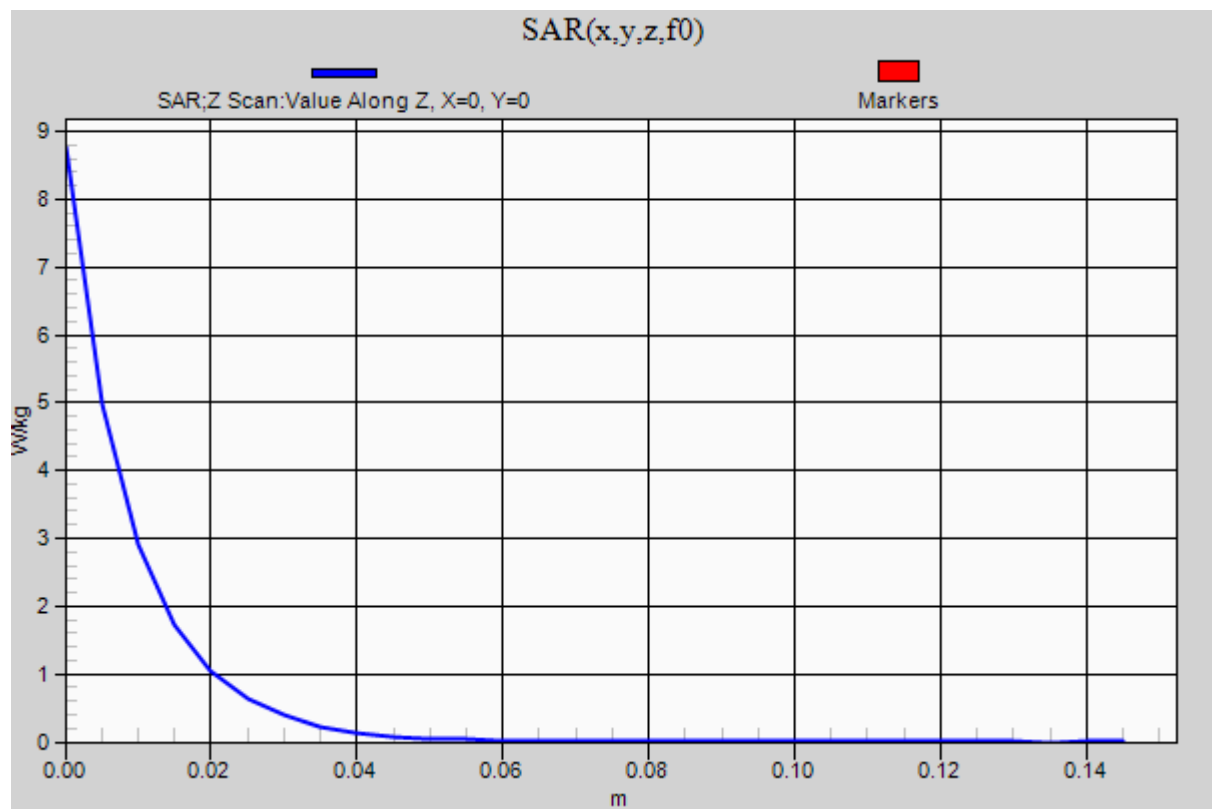
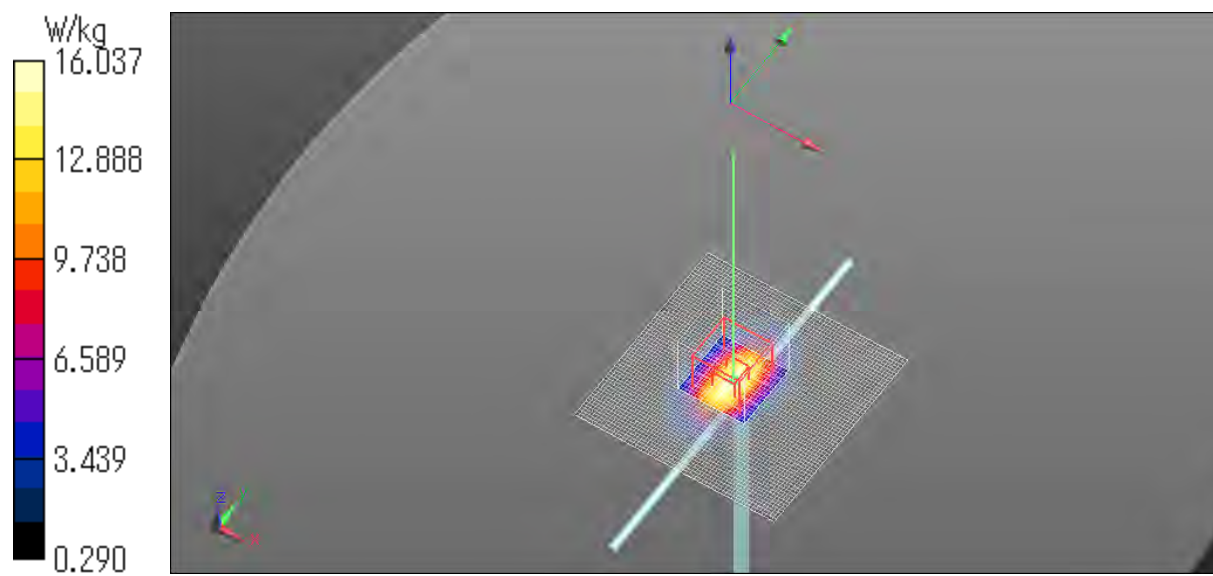
Ratio of SAR at M2 to SAR at M1 = 54.2 %

Maximum value of SAR (measured) = 16.0 W/kg

Configuration/250 mW 4/Z Scan (1x1x31): Measurement grid: dx=20 mm, dy=20 mm, dz=5 mm

Maximum value of SAR (measured) = 8.76 W/kg

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



20230213 3500 MHz Ambient Temp_19.3 deg.C._Liquid Temp_19.0 deg.C

Communication System info

Communication System: UID 0, _CW (0)

Communication System Band: D3500 (3500.0 MHz)Duty Cycle: 1:1

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

Probe info:

Probe: EX3DV4 - SN3825 / Calibrated: 2022/07/20

ConvF(6.63, 6.63, 6.63) @ 3500 MHz

Medium parameters used: $f = 3500$ MHz; $\sigma = 2.771$ S/m; $\epsilon_r = 38.999$; $\rho = 1000$ 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 DASY52 52.10.4(1535) SEMCAD X 14.6.14(7501)

SPC/3500 MHz/Area Scan (81x101x1): Interpolated grid: dx=1.100 mm, dy=1.100 mm

Maximum value of SAR (interpolated) = 13.7 W/kg

SPC/3500 MHz/Zoom Scan (8x8x9)/Cube 0: Measurement grid: dx=4 mm, dy=4 mm, dz=1.4 mm

Reference Value = 72.94 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 17.8 W/kg

SAR(1 g) = 6.91 W/kg; SAR(10 g) = 2.67 W/kg

Smallest distance from peaks to all points 3 dB below = 8.4 mm

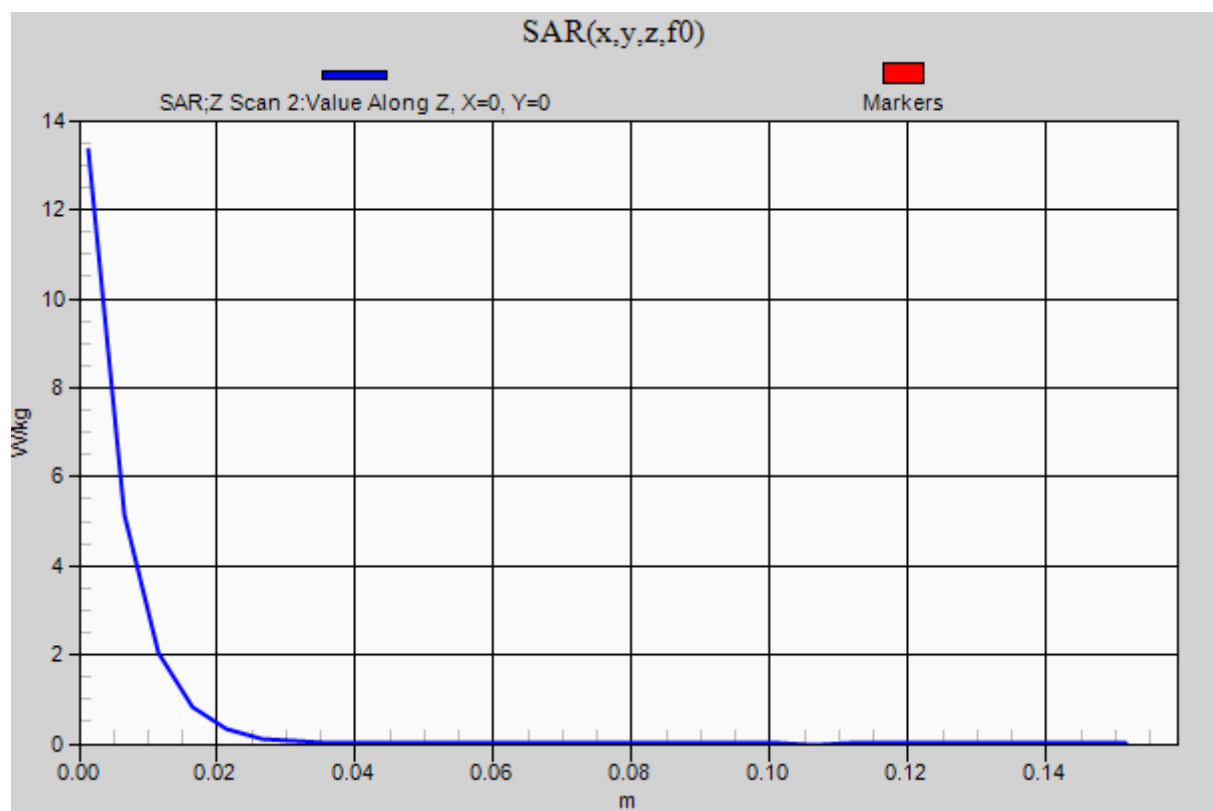
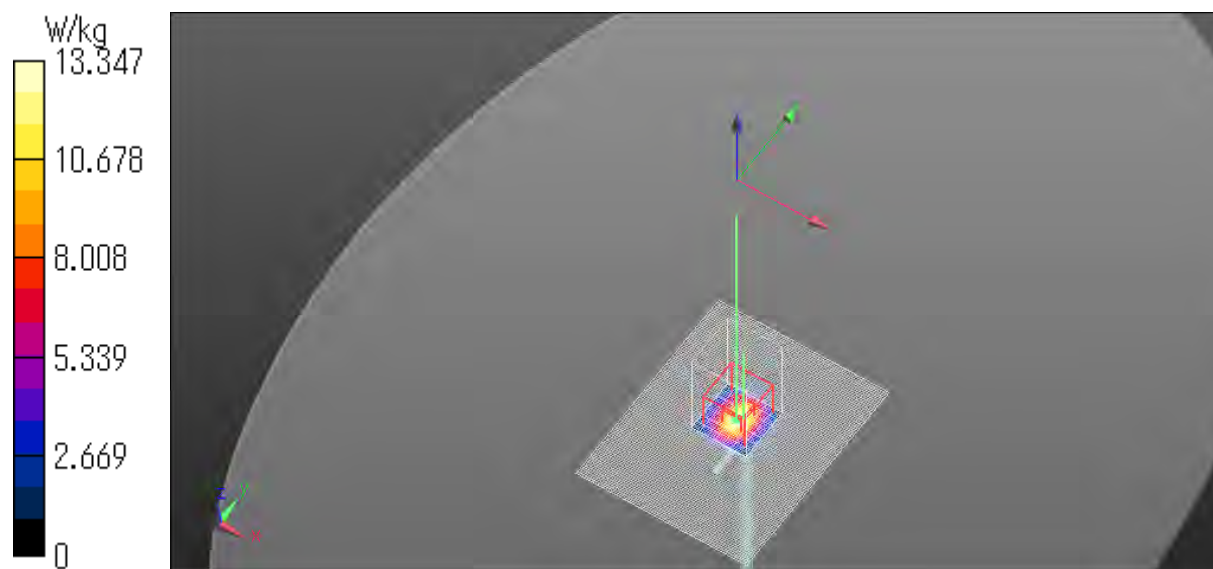
Ratio of SAR at M2 to SAR at M1 = 75.9 %

Maximum value of SAR (measured) = 12.9 W/kg

SPC/3500 MHz/Z Scan 2 (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.



20230215 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 - SN3825 / Calibrated: 2022/07/20

ConvF(9.83, 9.83, 9.83) @ 750 MHz

Medium parameters used: $f = 750 \text{ MHz}$; $\sigma = 0.908 \text{ S/m}$; $\epsilon_r = 43.105$; $\rho = 1000 \text{ kg/m}^3$

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)/Phantom section: Flat Section

Type: QDOVA001BB

Serial: TP:1203

Software info DASY52 52.10.3(1513) SEMCAD X 14.6.13(7474)

Configuration/250 mW/Area Scan (61x61x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 3.05 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 = 60.90 V/m ; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 3.53 W/kg

SAR(1 g) = 2.31 W/kg ; SAR(10 g) = 1.52 W/kg

Smallest distance from peaks to all points 3 dB below = 21.3 mm

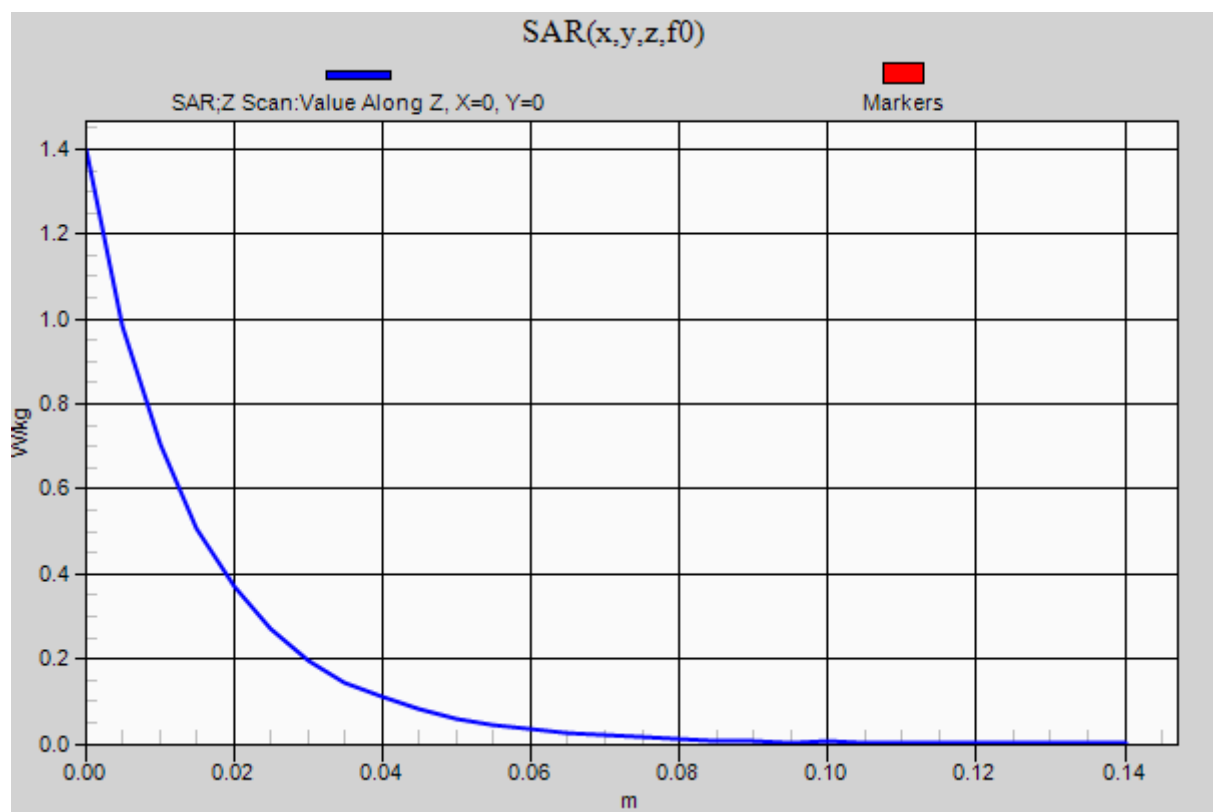
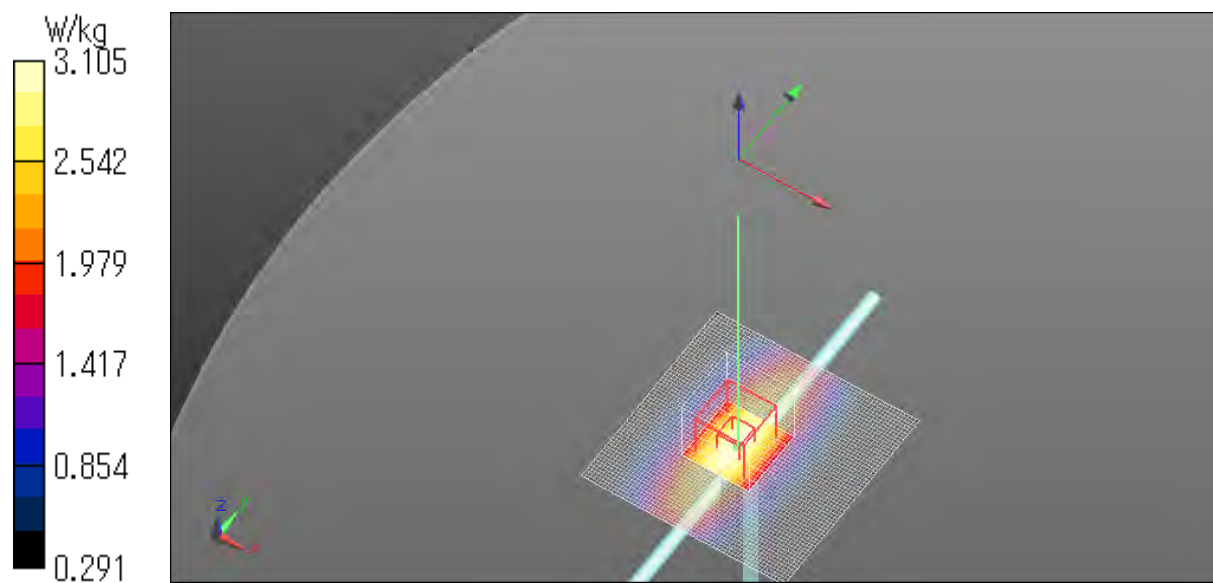
Ratio of SAR at M2 to SAR at M1 = 65.5%

Maximum value of SAR (measured) = 3.11 W/kg

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

Maximum value of SAR (measured) = 1.40 W/kg

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



20230215 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; $\sigma = 0.951$ S/m; $\epsilon_r = 42.953$; $\rho = 1000$ 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 52.10.3(1513) SEMCAD X 14.6.13(7474)

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

Maximum value of SAR (interpolated) = 3.44 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 = 62.96 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 3.97 W/kg

SAR(1 g) = 2.59 W/kg; SAR(10 g) = 1.69 W/kg

Smallest distance from peaks to all points 3 dB below = 19.8 mm

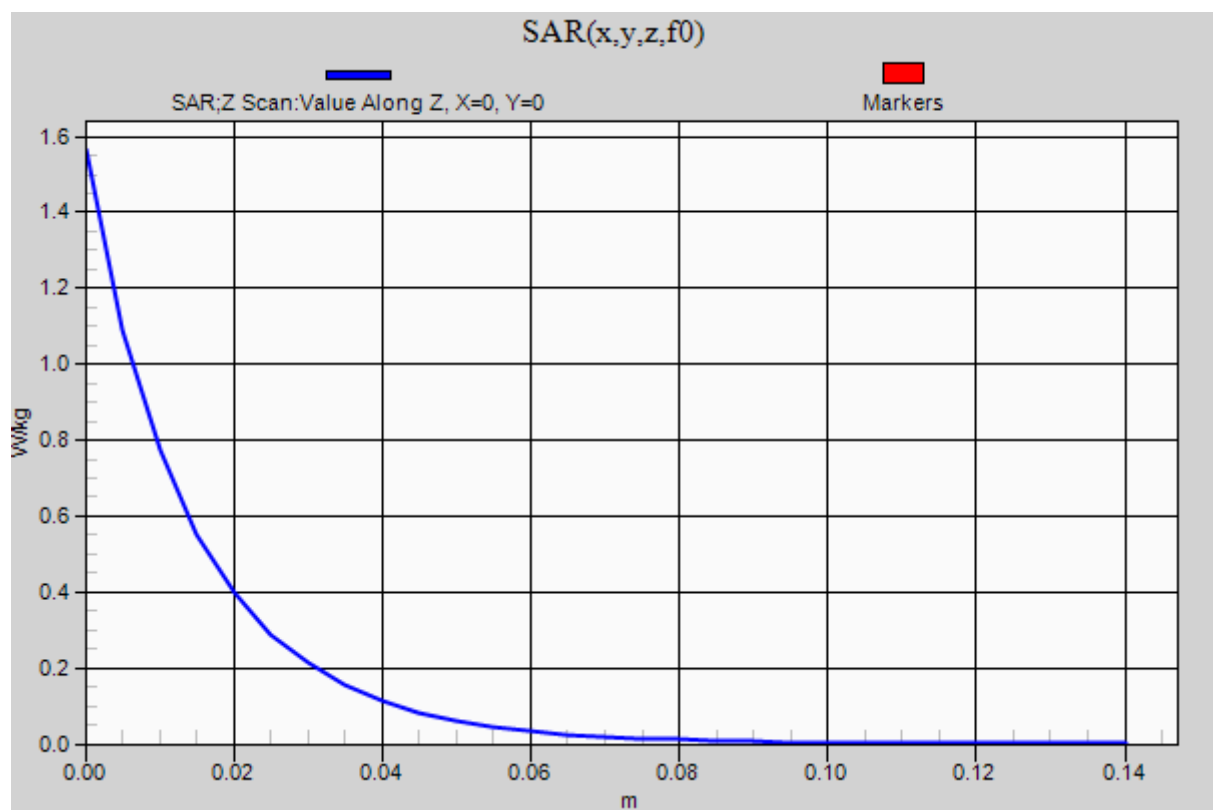
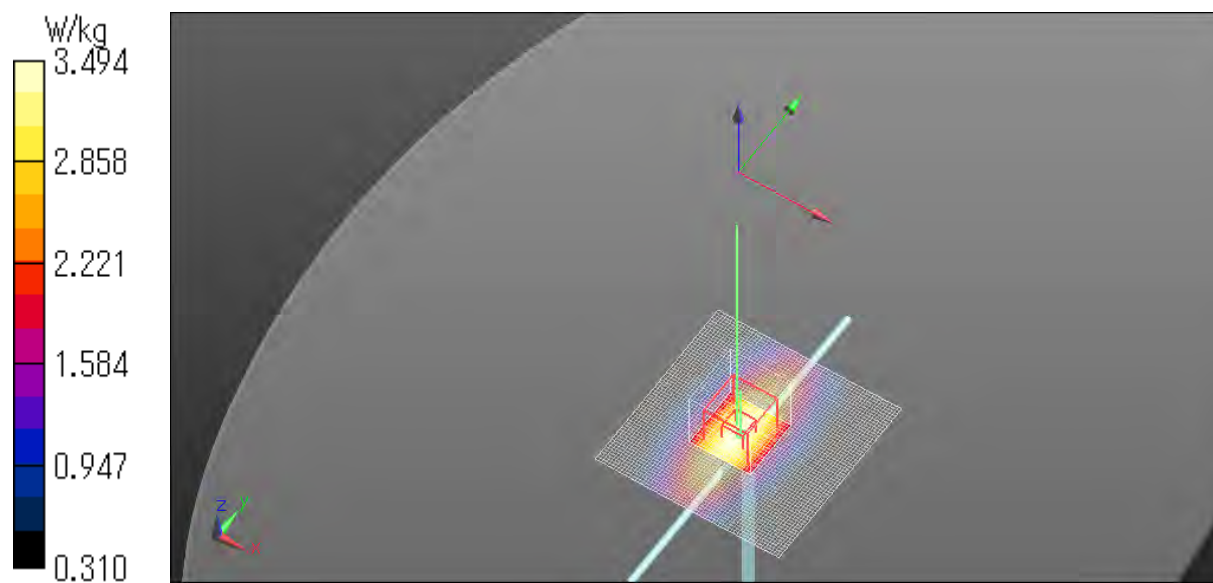
Ratio of SAR at M2 to SAR at M1 = 65.5 %

Maximum value of SAR (measured) = 3.49 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) = 1.56 W/kg

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



20230215 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: DASY5 (IEEE/IEC/ANSI C63.19-2011)

Probe info:

Probe: EX3DV4 - SN3825 / Calibrated: 2022/07/20

ConvF(8.66, 8.66, 8.66) @ 1750 MHz

Medium parameters used: $f = 1750$ MHz; $\sigma = 1.343$ S/m; $\epsilon_r = 40.836$; $\rho = 1000$ 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 52.10.3(1513) SEMCAD X 14.6.13(7474)

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

Maximum value of SAR (interpolated) = 13.2 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 = 103.8 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 16.4 W/kg

SAR(1 g) = 8.84 W/kg; SAR(10 g) = 4.72 W/kg

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

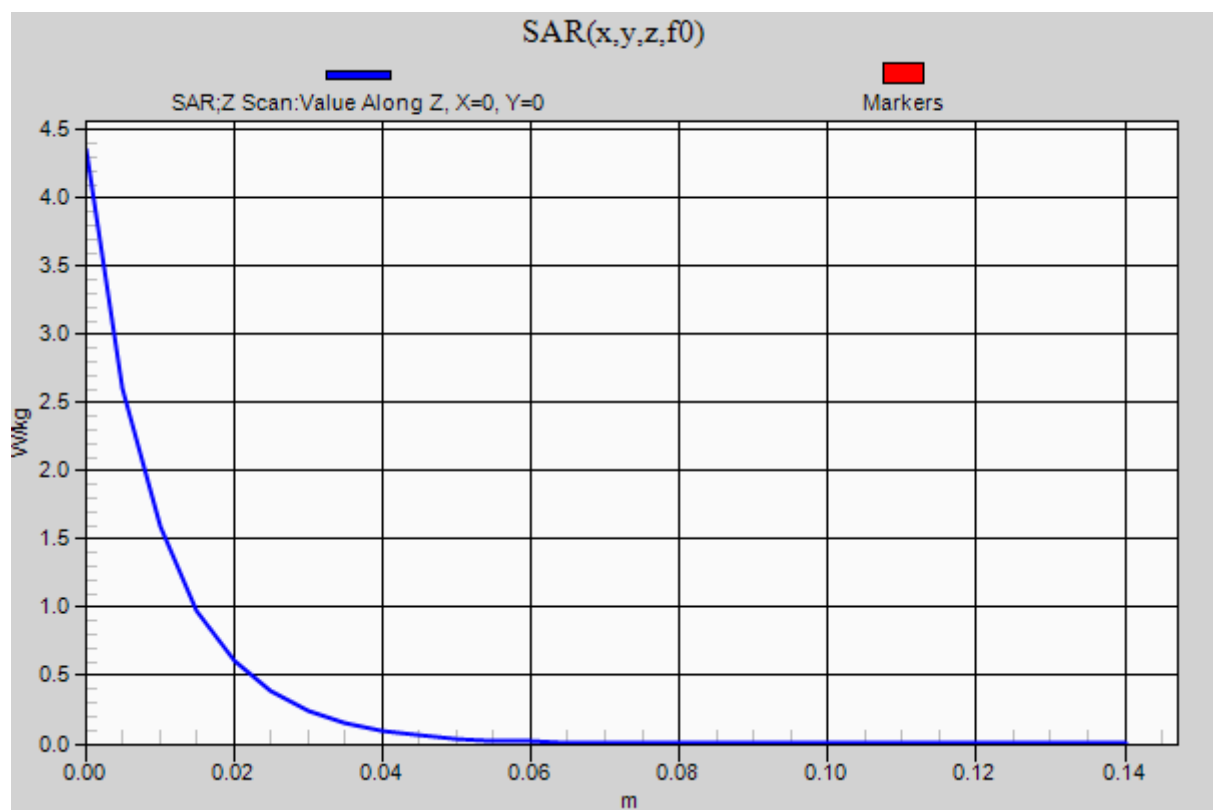
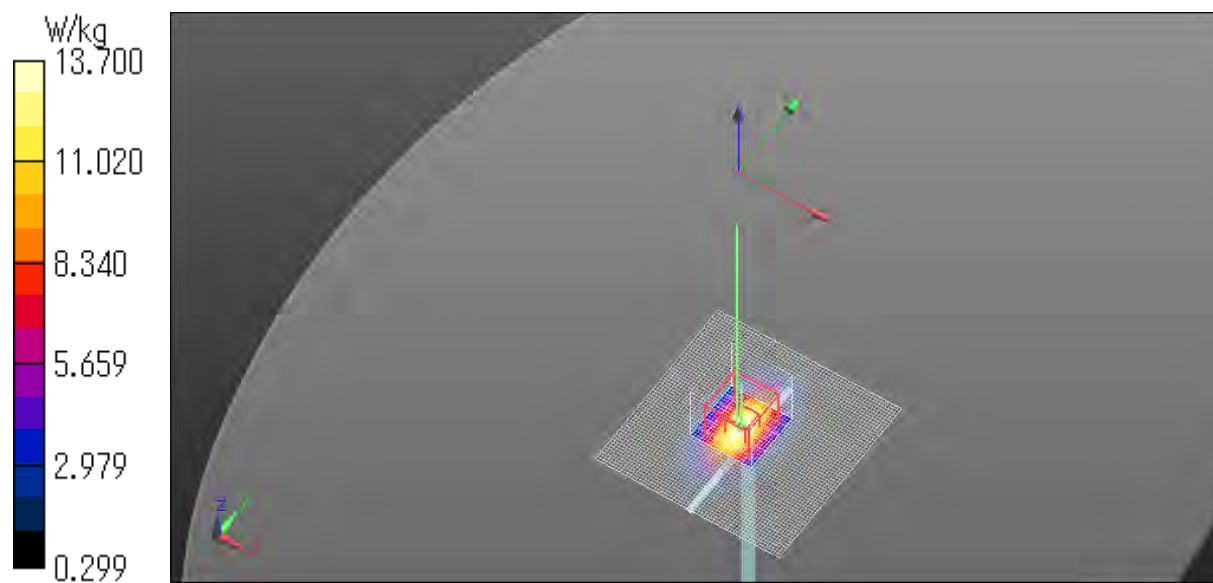
Ratio of SAR at M2 to SAR at M1 = 54.7 %

Maximum value of SAR (measured) = 13.7 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) = 4.35 W/kg

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



20230215 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: DASY5 (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; $\sigma = 1.425$ S/m; $\epsilon_r = 40.547$; $\rho = 1000$ 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 52.10.3(1513) SEMCAD X 14.6.13(7474)

Configuration/250 mW 4/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 14.8 W/kg

Configuration/250 mW 4/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5 mm

Reference Value = 107.5 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 18.6 W/kg

SAR(1 g) = 9.95 W/kg; SAR(10 g) = 5.18 W/kg

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

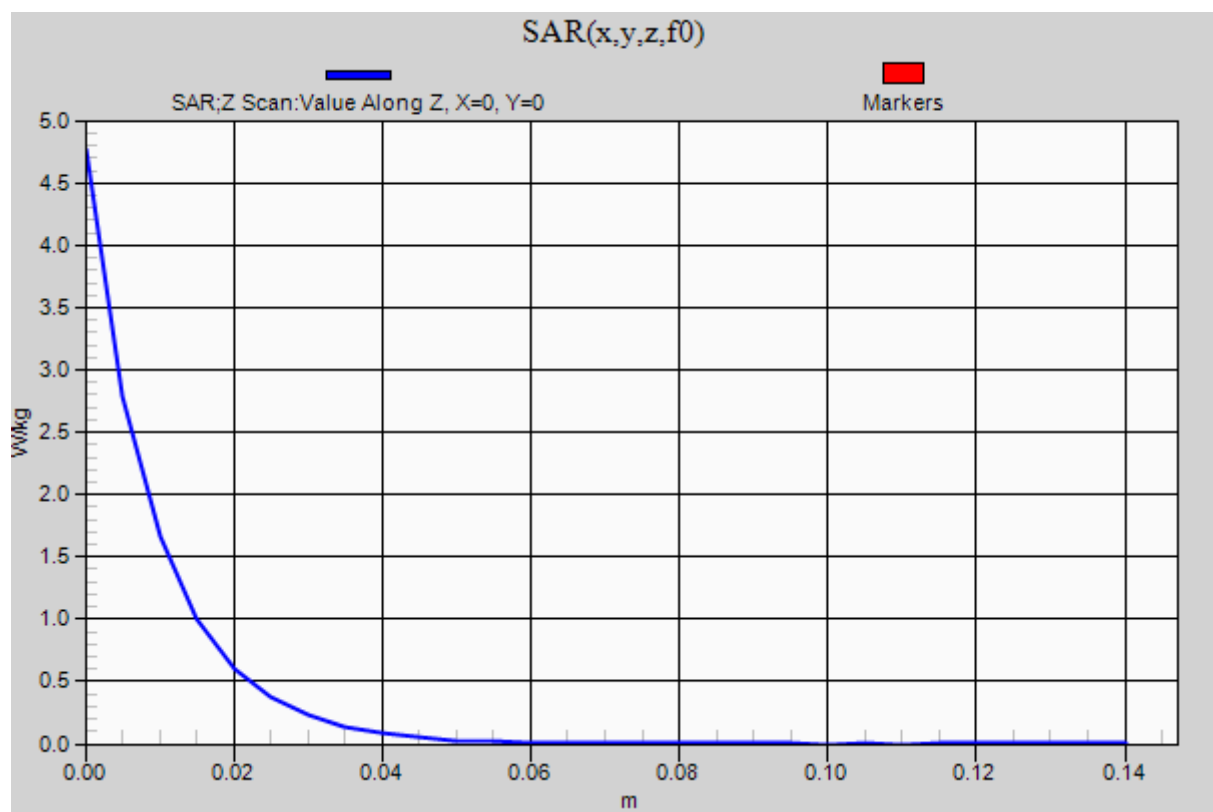
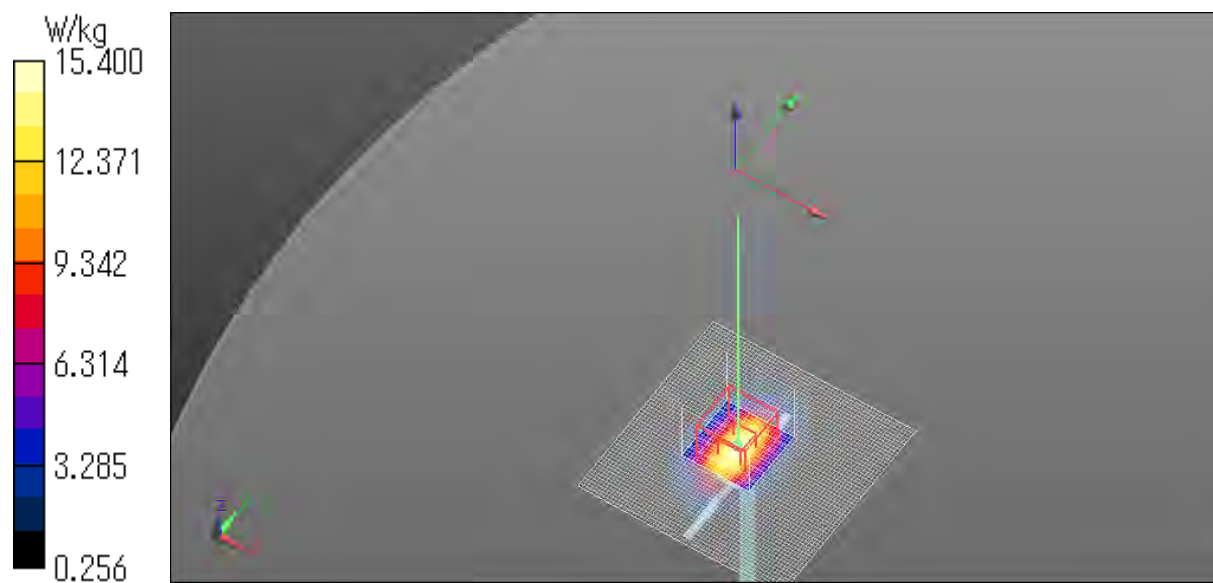
Ratio of SAR at M2 to SAR at M1 = 54.2 %

Maximum value of SAR (measured) = 15.4 W/kg

Configuration/250 mW 4/Z Scan (1x1x31): Measurement grid: dx=20 mm, dy=20 mm, dz=5 mm

Maximum value of SAR (measured) = 4.77 W/kg

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



20230215 750 MHz Ambient Temp_22.8 deg.C._Liquid Temp_22.5 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 - SN3917 / Calibrated: 2022/05/17
ConvF(10.11, 10.11, 10.11) @ 750 MHz
Medium parameters used: $f = 750 \text{ MHz}$; $\sigma = 0.877 \text{ S/m}$; $\epsilon_r = 41.702$; $\rho = 1000 \text{ kg/m}^3$
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 TP1207 (30 deg probe tilt)/Phantom section: Flat Section
Type: QDOVA001BB
Serial: TP:1207

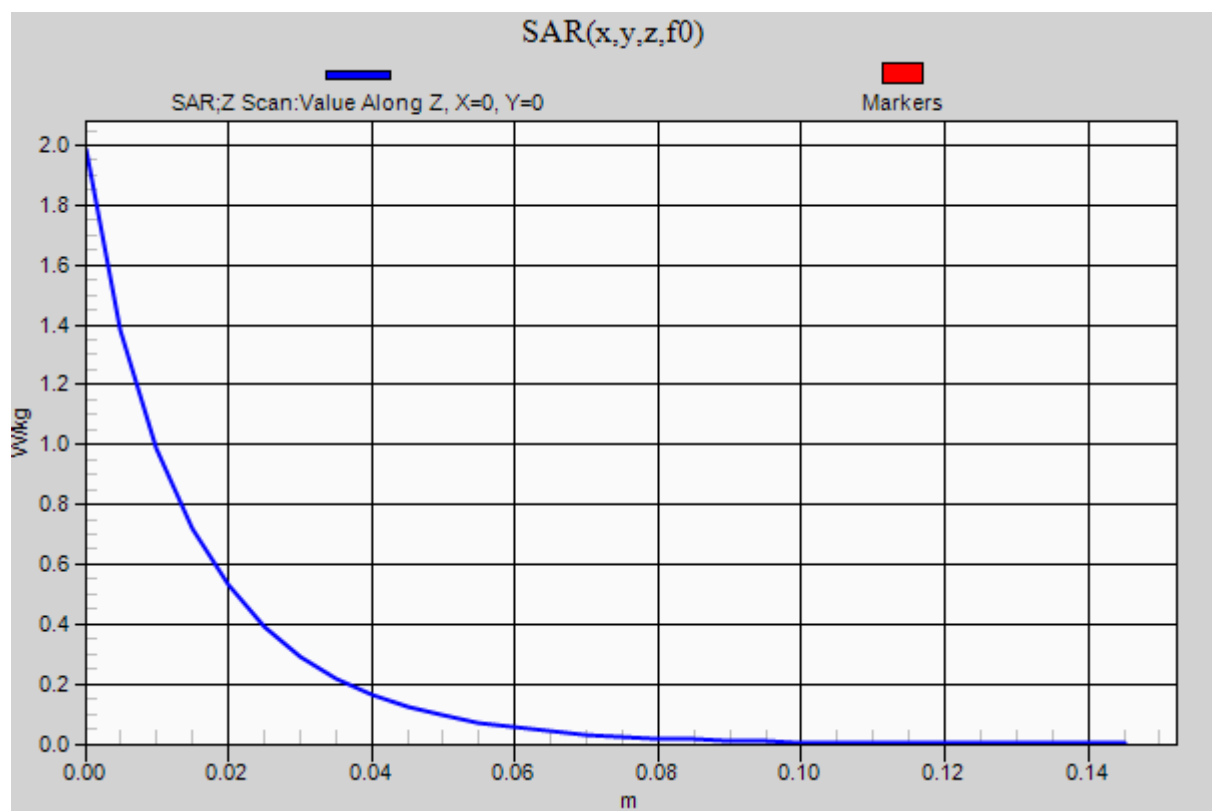
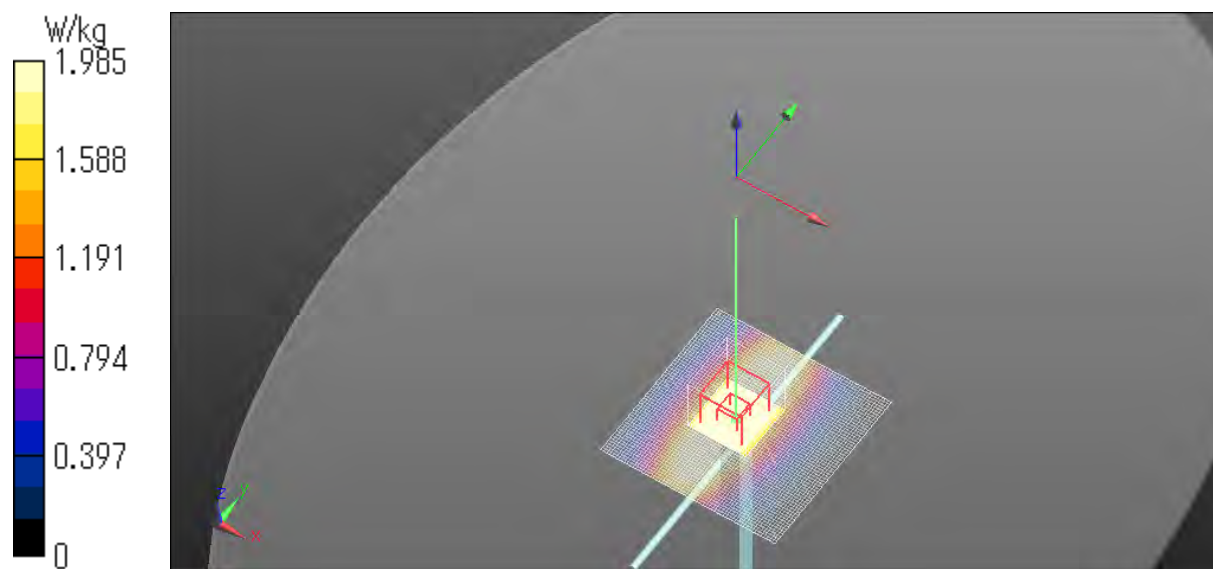
Software info DASY52 52.10.4(1535) SEMCAD X 14.6.14(7501)

Configuration/250 mW/Area Scan (61x61x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
Maximum value of SAR (interpolated) = 2.81 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 = 60.34 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 3.18 W/kg
SAR(1 g) = 2.23 W/kg; SAR(10 g) = 1.5 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid ($> 15 \text{ mm}$)
Ratio of SAR at M2 to SAR at M1 = 69.3 %
Maximum value of SAR (measured) = 2.86 W/kg

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

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



20230215 835 MHz Ambient Temp_22.8 deg.C._Liquid Temp_22.5 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 - SN3917 / Calibrated: 2022/05/17

ConvF(9.71, 9.71, 9.71) @ 835 MHz

Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 0.891 \text{ S/m}$; $\epsilon_r = 41.663$; $\rho = 1000 \text{ kg/m}^3$

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 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 2/Area Scan (61x61x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 3.33 W/kg

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

Reference Value = 65.04 V/m ; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 3.78 W/kg

SAR(1 g) = 2.62 W/kg ; SAR(10 g) = 1.74 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 18.9 mm

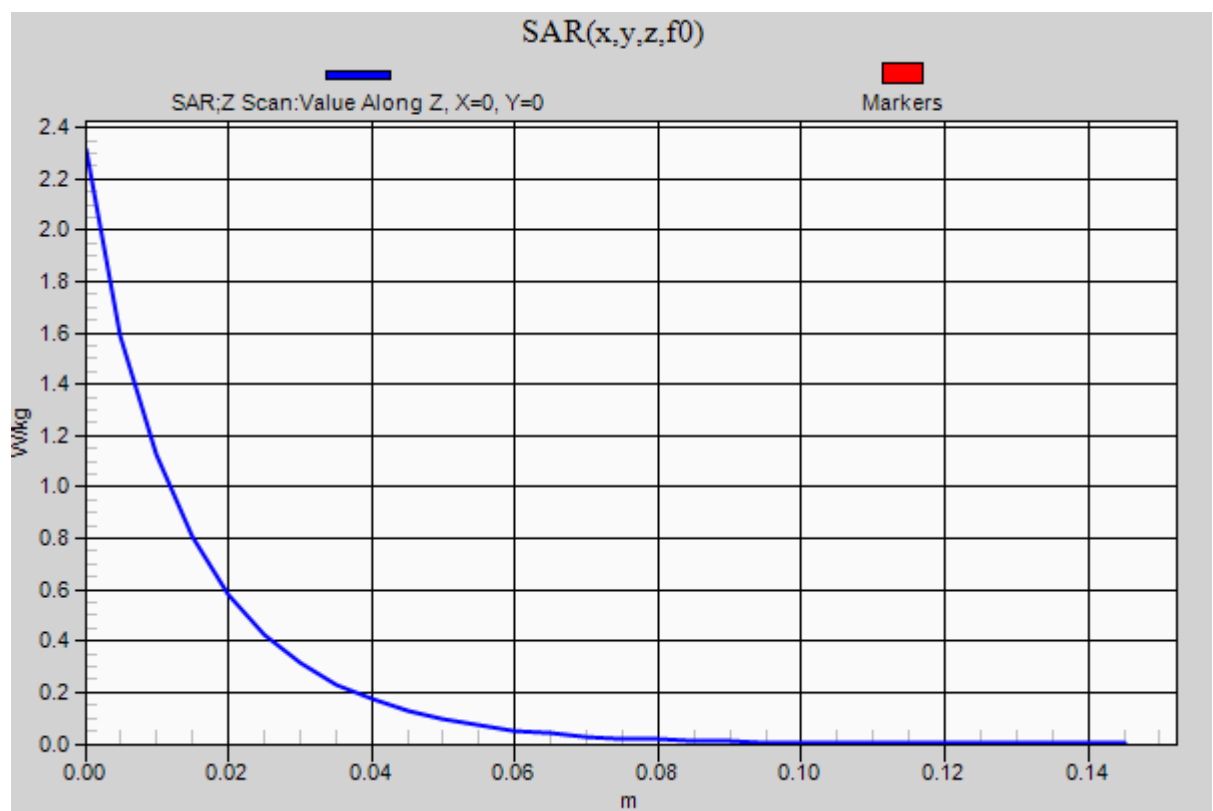
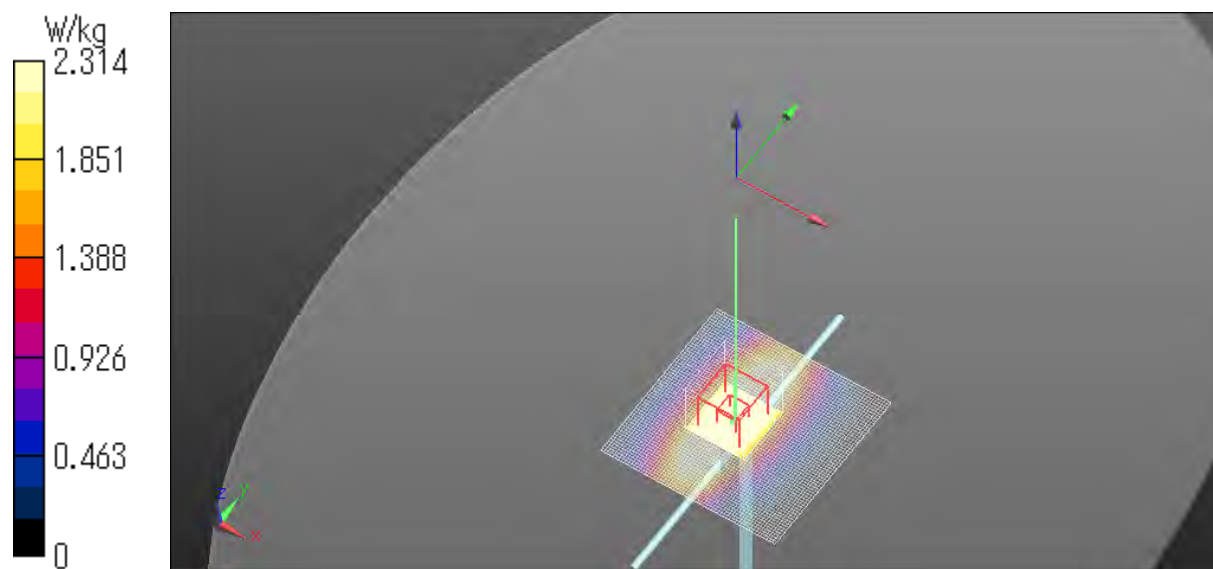
Ratio of SAR at M2 to SAR at M1 = 68.5%

Maximum value of SAR (measured) = 3.41 W/kg

Configuration/250 mW 2/Z Scan (1x1x31): Measurement grid: $dx=20 \text{ mm}$, $dy=20 \text{ mm}$, $dz=5 \text{ mm}$

Maximum value of SAR (measured) = 2.31 W/kg

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



20230215 1750 MHz Ambient Temp_22.8 deg.C._Liquid Temp_22.5 deg.C

Communication System info

Communication System: UID 0, _CW (0)

Communication System Band: D1750 (1750.0 MHz)Duty Cycle: 1:1

Measurement Standard: DASY5 (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; $\sigma = 1.328$ S/m; $\epsilon_r = 39.343$; $\rho = 1000$ 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 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 2/250 mW 3/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 14.3 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 = 107.2 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 17.5 W/kg

SAR(1 g) = 9.64 W/kg; SAR(10 g) = 5.15 W/kg (SAR corrected for target medium)

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

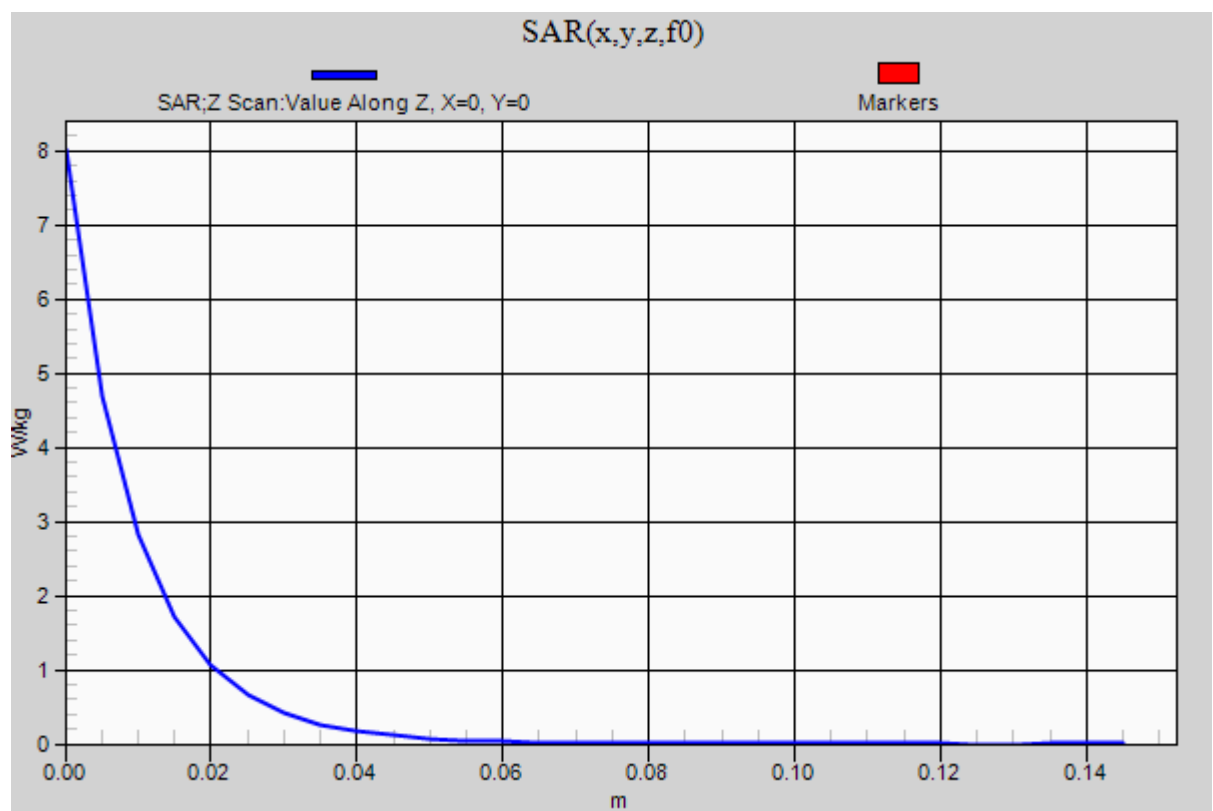
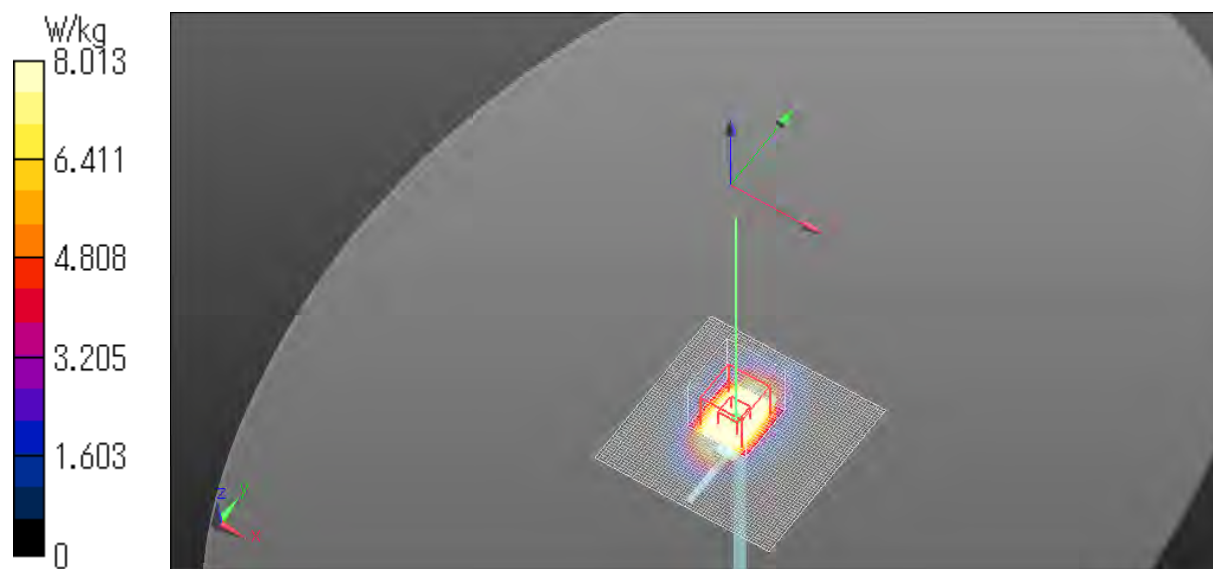
Ratio of SAR at M2 to SAR at M1 = 54.8 %

Maximum value of SAR (measured) = 14.6 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) = 8.01 W/kg

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



20230215 1900 MHz Ambient Temp_22.8 deg.C._Liquid Temp_22.5 deg.C

Communication System info

Communication System: UID 0, _CW (0)

Communication System Band: D1900 (1900.0 MHz)Duty Cycle: 1:1

Measurement Standard: 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; $\sigma = 1.424$ S/m; $\epsilon_r = 39.109$; $\rho = 1000$ 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 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 2/250 mW 4/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 16.1 W/kg

Configuration 2/250 mW 4/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5 mm

Reference Value = 109.8 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 19.3 W/kg

SAR(1 g) = 10.5 W/kg; SAR(10 g) = 5.51 W/kg (SAR corrected for target medium)

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

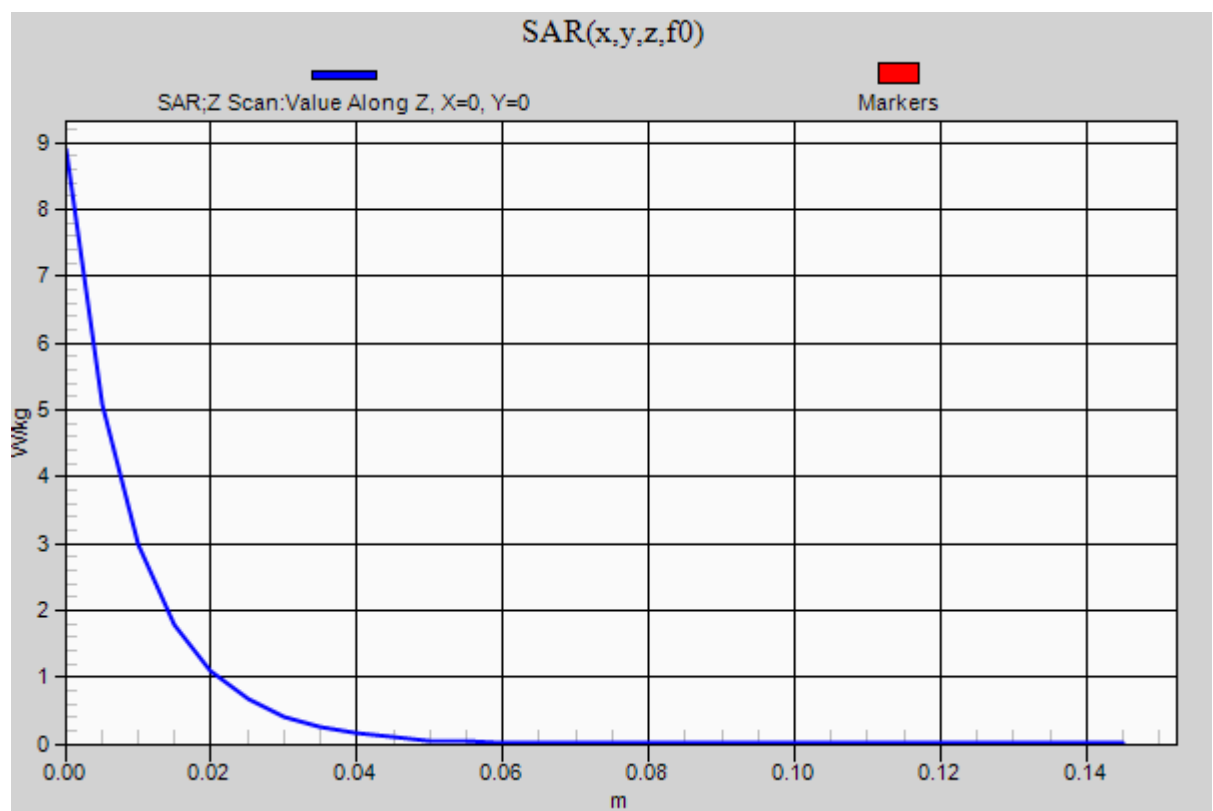
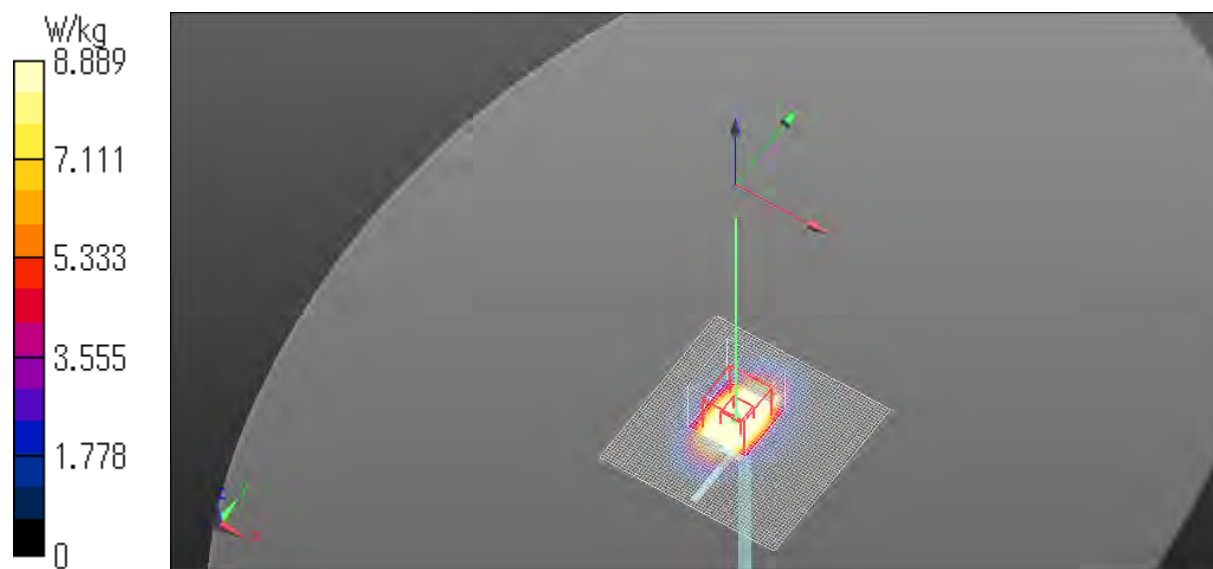
Ratio of SAR at M2 to SAR at M1 = 54.9 %

Maximum value of SAR (measured) = 16.1 W/kg

Configuration 2/250 mW 4/Z Scan (1x1x31): Measurement grid: dx=20 mm, dy=20 mm, dz=5 mm

Maximum value of SAR (measured) = 8.89 W/kg

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



20230215 2600 MHz Ambient Temp_22.8 deg.C._Liquid Temp_22.5 deg.C

Communication System info

Communication System: UID 0, _CW (0)

Communication System Band: D2600 (2600.0 MHz)Duty Cycle: 1:1

Measurement Standard: DASY5 (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; $\sigma = 1.9$ S/m; $\epsilon_r = 38.175$; $\rho = 1000$ 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 2/250 mW 5/Area Scan (81x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 25.0 W/kg

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

Reference Value = 116.0 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 30.7 W/kg

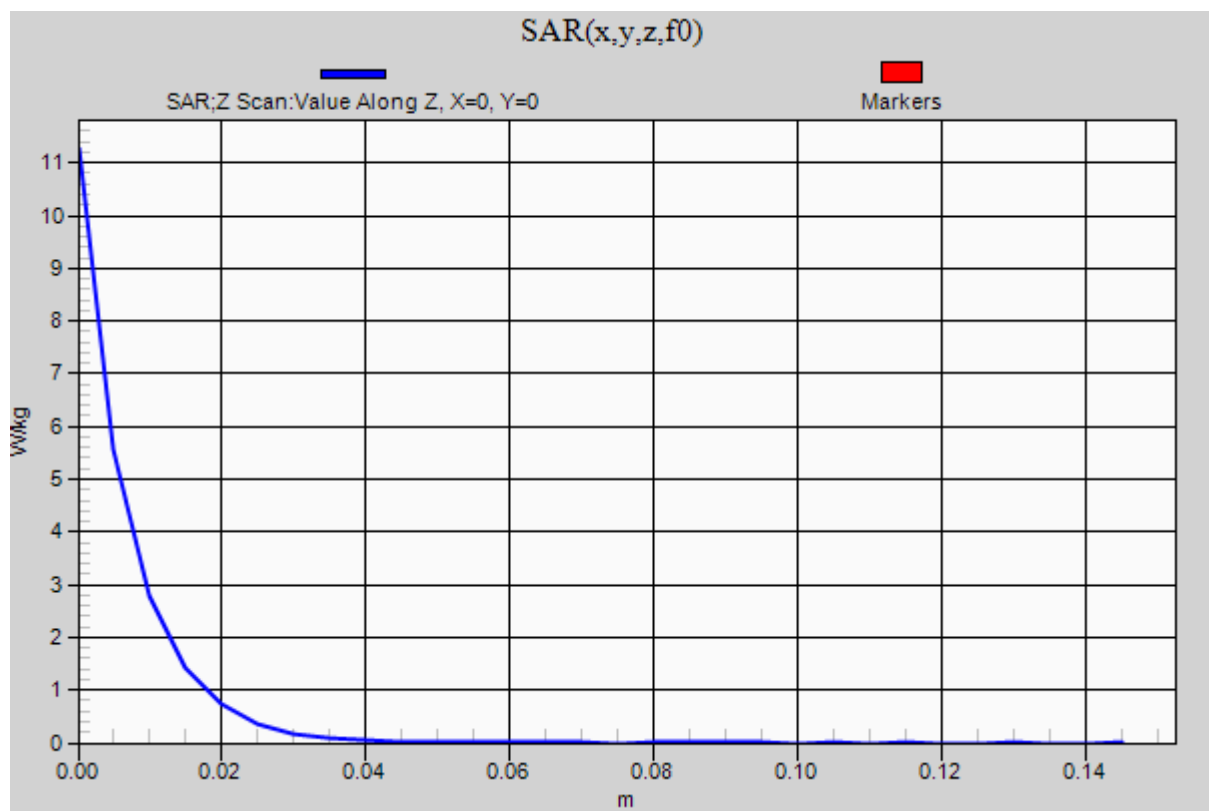
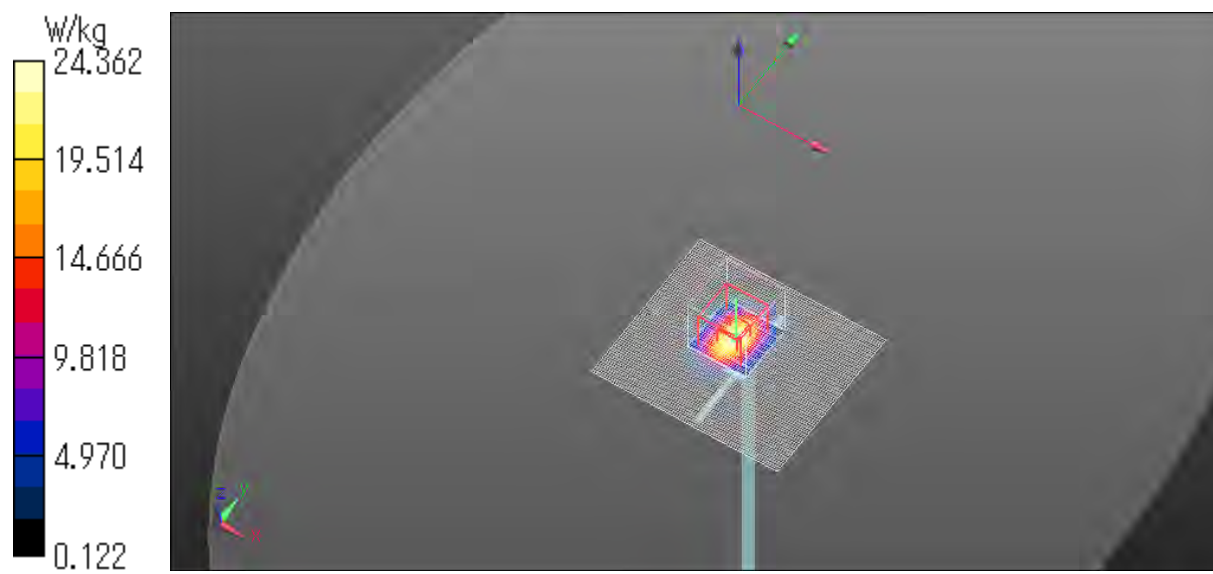
SAR(1 g) = 14.5 W/kg; SAR(10 g) = 6.52 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 9 mm

Ratio of SAR at M2 to SAR at M1 = 46.7 %

Maximum value of SAR (measured) = 24.4 W/kg

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



20230220 750 MHz Ambient Temp_22.5 deg.C._Liquid Temp_22.25 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; $\sigma = 0.876$ S/m; $\epsilon_r = 42.498$; $\rho = 1000$ 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 52.10.3(1513) SEMCAD X 14.6.13(7474)

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

Maximum value of SAR (interpolated) = 2.73 W/kg

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

Reference Value = 58.78 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 3.20 W/kg

SAR(1 g) = 2.1 W/kg; SAR(10 g) = 1.39 W/kg

Smallest distance from peaks to all points 3 dB below = 23.3 mm

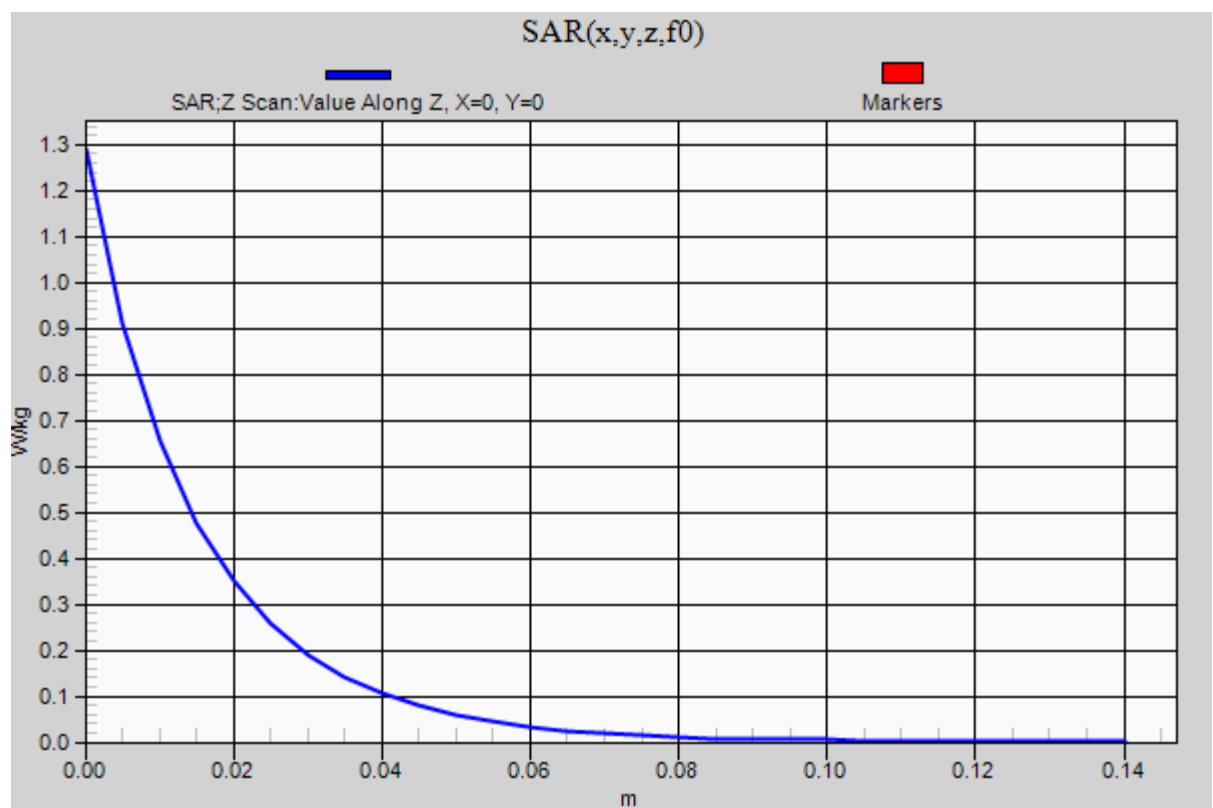
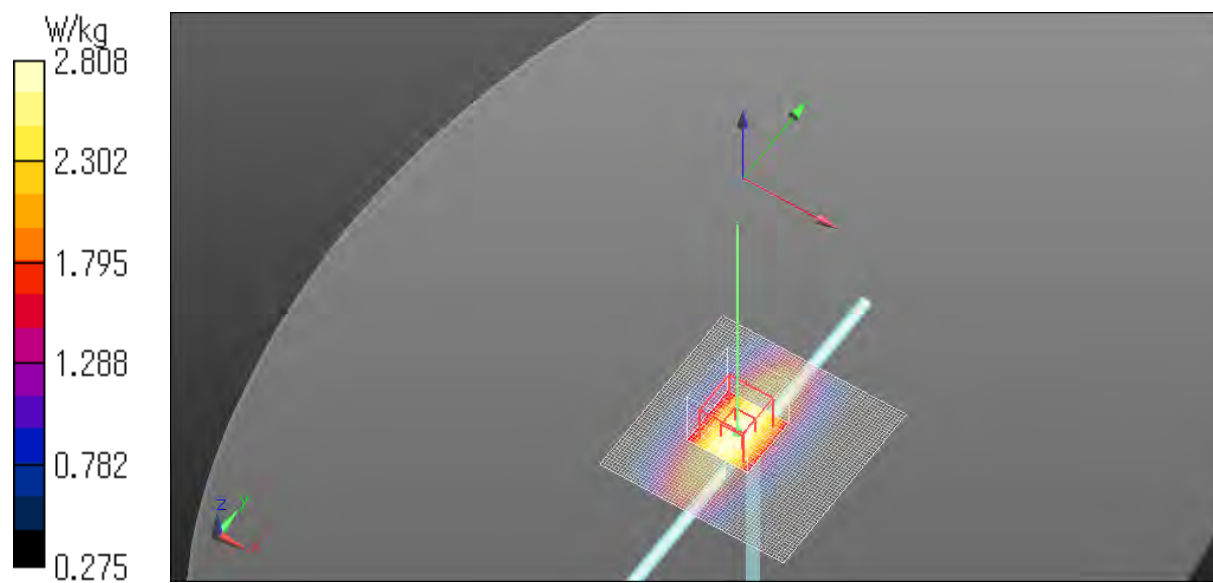
Ratio of SAR at M2 to SAR at M1 = 66 %

Maximum value of SAR (measured) = 2.81 W/kg

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

Maximum value of SAR (measured) = 1.29 W/kg

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



20230220 835 MHz Ambient Temp_22.5 deg.C._Liquid Temp_22.25 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: $f = 835 \text{ MHz}$; $\sigma = 0.906 \text{ S/m}$; $\epsilon_r = 42.282$; $\rho = 1000 \text{ kg/m}^3$

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)/Phantom section: Flat Section

Type: QDOVA001BB

Serial: TP:1203

Software info DASY52 52.10.3(1513) SEMCAD X 14.6.13(7474)

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

Maximum value of SAR (interpolated) = 3.39 W/kg

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

Reference Value = 59.88 V/m ; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 3.90 W/kg

SAR(1 g) = 2.57 W/kg ; SAR(10 g) = 1.69 W/kg

Smallest distance from peaks to all points 3 dB below = 18.4 mm

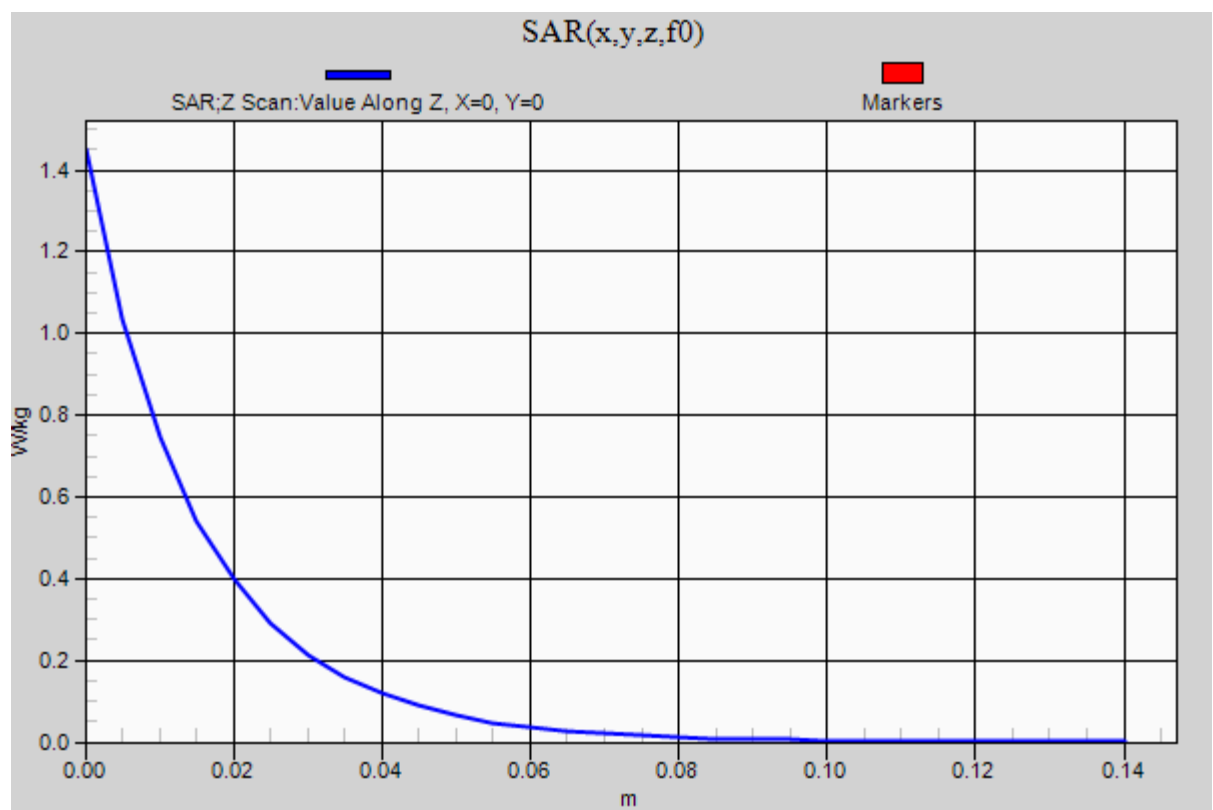
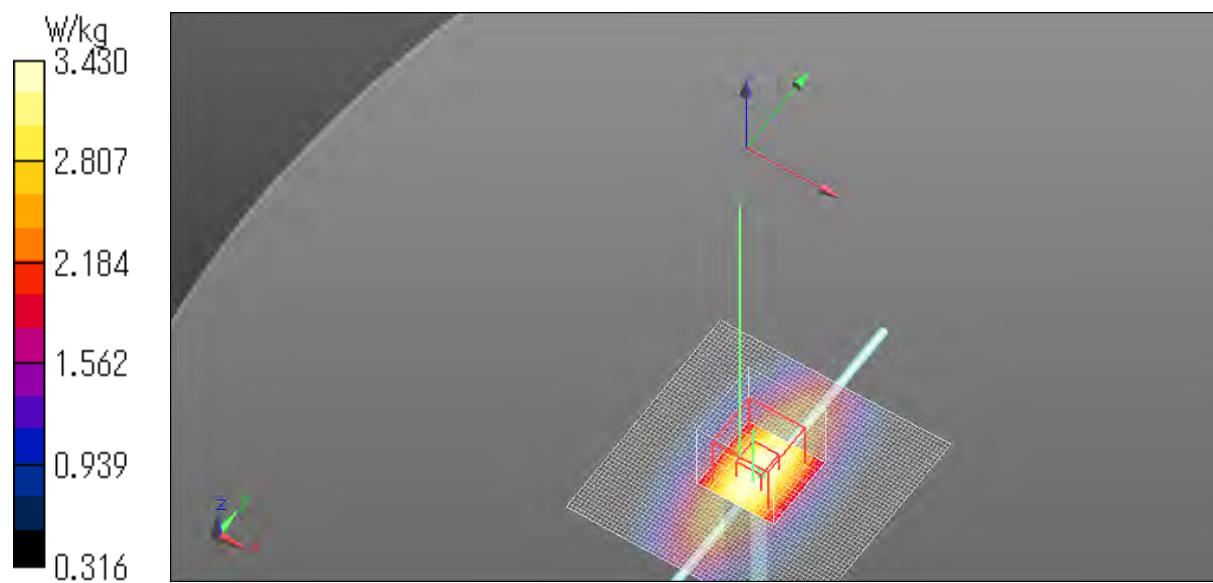
Ratio of SAR at M2 to SAR at M1 = 65.8%

Maximum value of SAR (measured) = 3.43 W/kg

Configuration/250 mW 2/Z Scan (1x1x31): Measurement grid: $dx=20 \text{ mm}$, $dy=20 \text{ mm}$, $dz=5 \text{ mm}$

Maximum value of SAR (measured) = 1.45 W/kg

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



20230220 1750 MHz Ambient Temp_22.5 deg.C._Liquid Temp_22.25 deg.C

Communication System info

Communication System: UID 0, _CW (0)

Communication System Band: D1750 (1750.0 MHz)Duty Cycle: 1:1

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

Probe info:

Probe: EX3DV4 - SN3825 / Calibrated: 2022/07/20

ConvF(8.66, 8.66, 8.66) @ 1750 MHz

Medium parameters used: $f = 1750$ MHz; $\sigma = 1.318$ S/m; $\epsilon_r = 40.597$; $\rho = 1000$ 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 52.10.3(1513) SEMCAD X 14.6.13(7474)

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

Maximum value of SAR (interpolated) = 13.0 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 = 98.92 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 16.2 W/kg

SAR(1 g) = 8.73 W/kg; SAR(10 g) = 4.67 W/kg

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

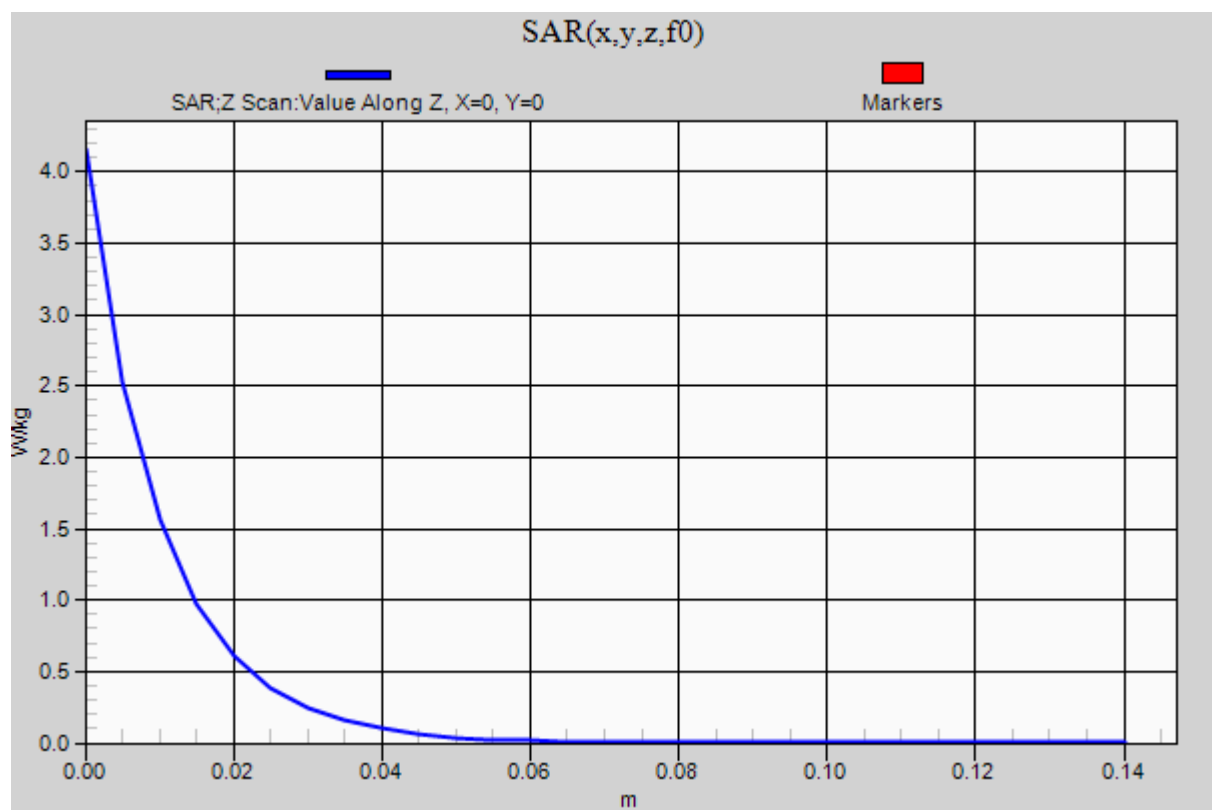
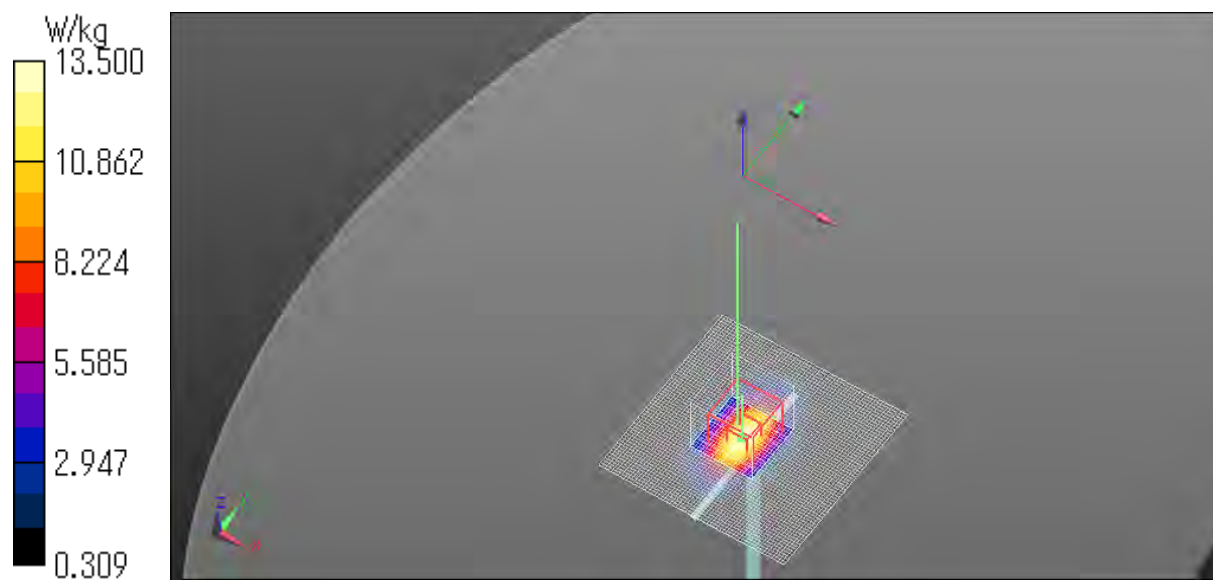
Ratio of SAR at M2 to SAR at M1 = 54.8 %

Maximum value of SAR (measured) = 13.5 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) = 4.15 W/kg

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



20230220 1900 MHz Ambient Temp_22.5 deg.C._Liquid Temp_22.25 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 - SN3825 / Calibrated: 2022/07/20

ConvF(8.36, 8.36, 8.36) @ 1900 MHz

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.397$ S/m; $\epsilon_r = 40.357$; $\rho = 1000$ 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 52.10.3(1513) SEMCAD X 14.6.13(7474)

Configuration/250 mW 4/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 15.1 W/kg

Configuration/250 mW 4/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5 mm

Reference Value = 109.5 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 18.7 W/kg

SAR(1 g) = 10.1 W/kg; SAR(10 g) = 5.31 W/kg

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

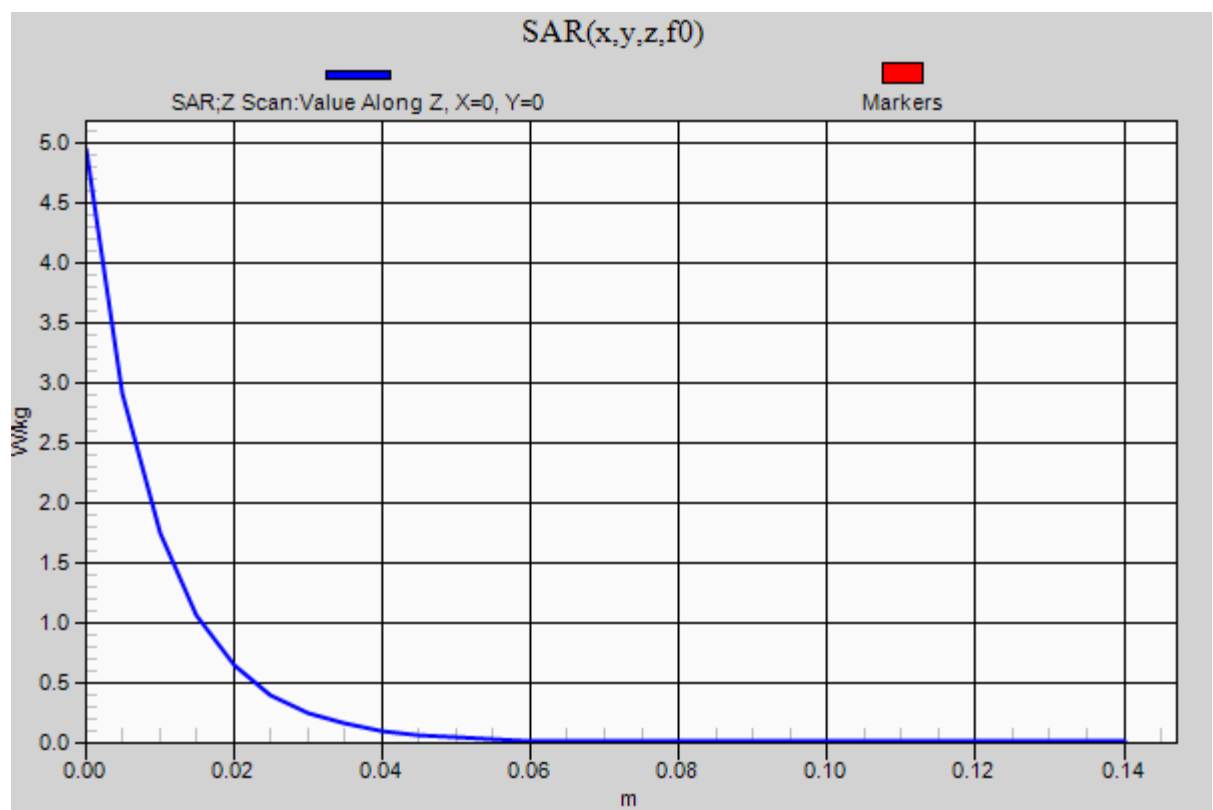
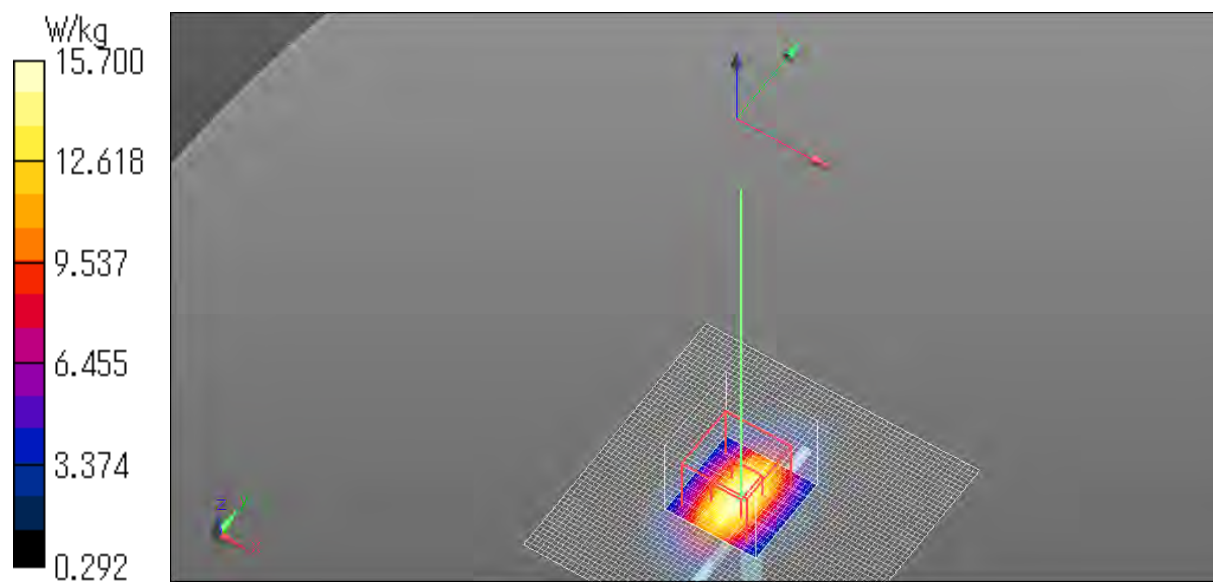
Ratio of SAR at M2 to SAR at M1 = 54.7 %

Maximum value of SAR (measured) = 15.7 W/kg

Configuration/250 mW 4/Z Scan (1x1x31): Measurement grid: dx=20 mm, dy=20 mm, dz=5 mm

Maximum value of SAR (measured) = 4.94 W/kg

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



20230220 750 MHz Ambient Temp_22.3 deg.C._Liquid Temp_21.8 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; $\sigma = 0.872$ S/m; $\epsilon_r = 41.133$; $\rho = 1000$ 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 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 (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 2.80 W/kg

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

Reference Value = 59.87 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 3.19 W/kg

SAR(1 g) = 2.17 W/kg; SAR(10 g) = 1.43 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid (> 15 mm)

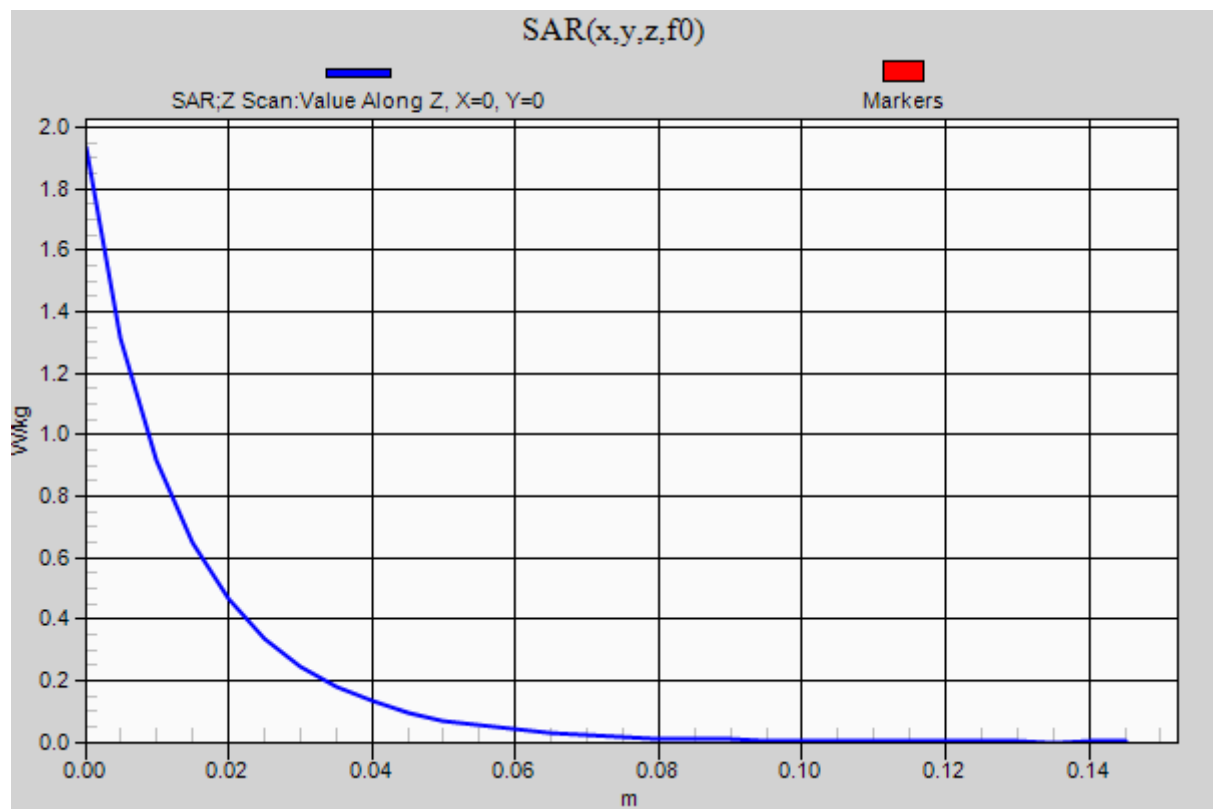
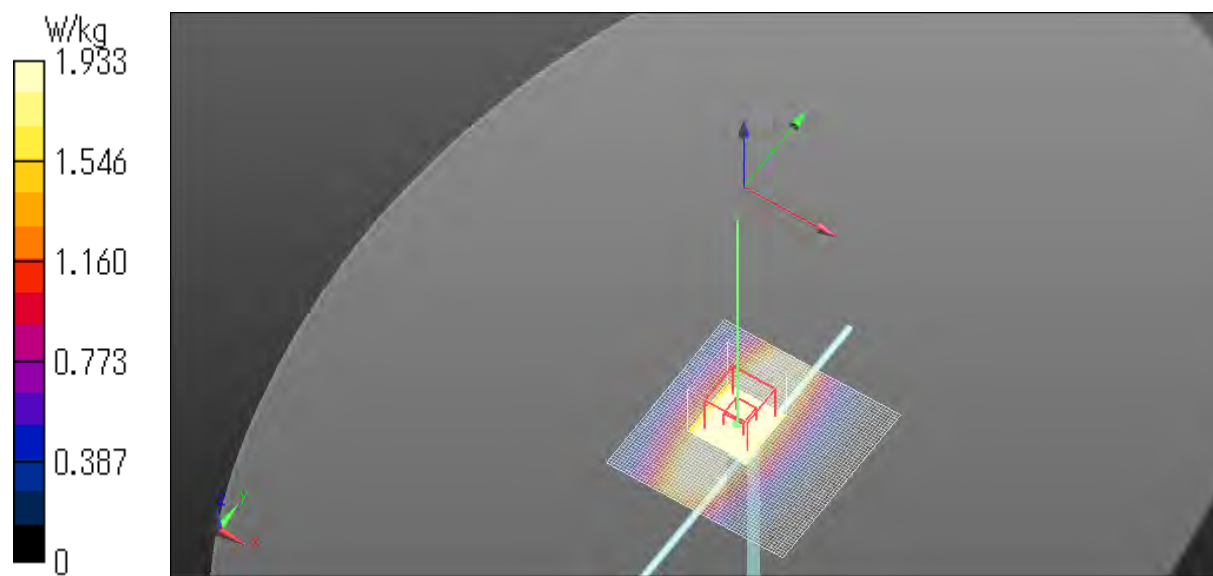
Ratio of SAR at M2 to SAR at M1 = 67.1 %

Maximum value of SAR (measured) = 2.84 W/kg

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

Maximum value of SAR (measured) = 1.93 W/kg

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



20230220 835 MHz Ambient Temp_22.3 deg.C._Liquid Temp_21.8 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 - SN3917 / Calibrated: 2022/05/17
ConvF(9.71, 9.71, 9.71) @ 835 MHz
Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 0.9 \text{ S/m}$; $\epsilon_r = 40.868$; $\rho = 1000 \text{ kg/m}^3$
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 TP1207 (30 deg probe tilt)/Phantom section: Flat Section
Type: QDOVA001BB
Serial: TP:1207

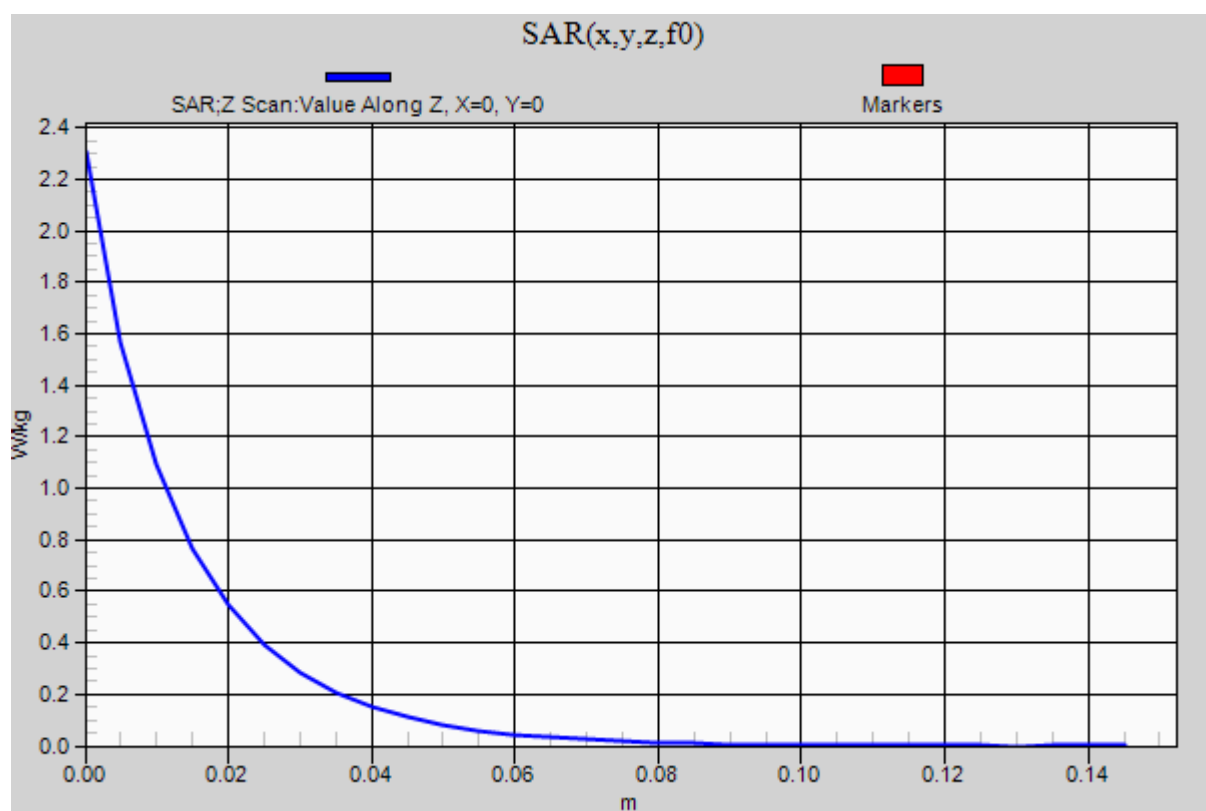
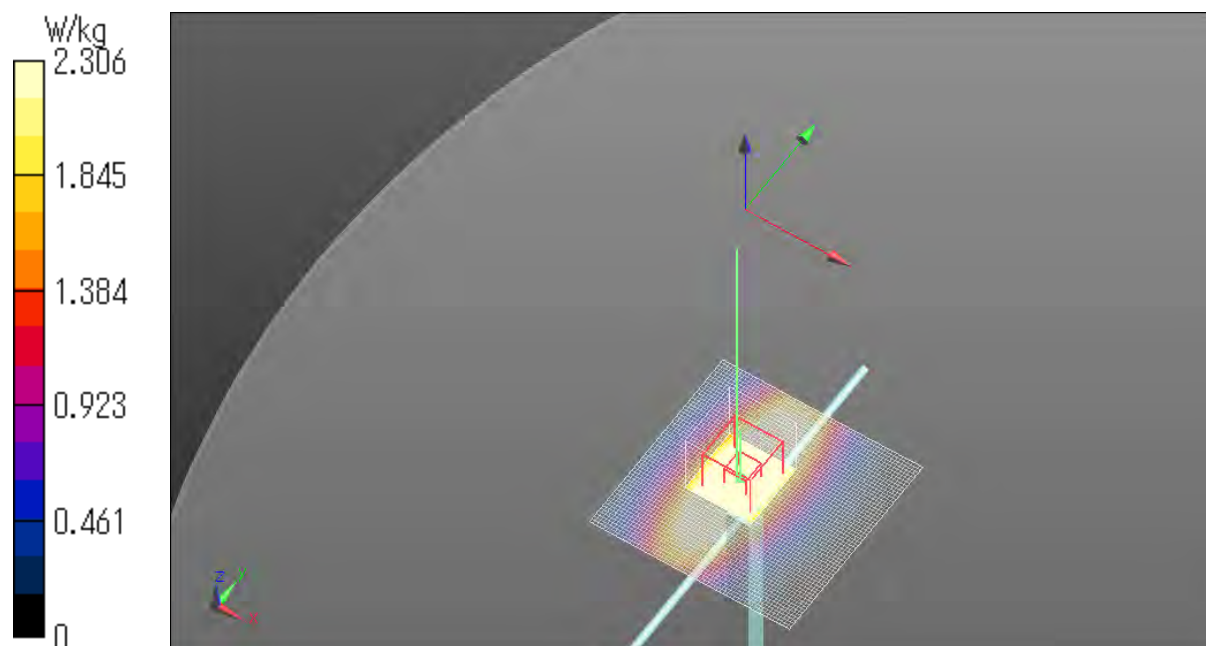
Software info DASY52 52.10.4(1535) SEMCAD X 14.6.14(7501)

Configuration/250 mW 2/Area Scan (61x61x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
Maximum value of SAR (interpolated) = 3.40 W/kg

Configuration/250 mW 2/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: $dx=5 \text{ mm}$, $dy=5 \text{ mm}$, $dz=5 \text{ mm}$
Reference Value = 64.64 V/m ; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 3.86 W/kg
SAR(1 g) = 2.61 W/kg; SAR(10 g) = 1.71 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 17.9 mm
Ratio of SAR at M2 to SAR at M1 = 67.4%
Maximum value of SAR (measured) = 3.45 W/kg

Configuration/250 mW 2/Z Scan (1x1x31): Measurement grid: $dx=20 \text{ mm}$, $dy=20 \text{ mm}$, $dz=5 \text{ mm}$
Maximum value of SAR (measured) = 2.31 W/kg

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



20230220 1750 MHz Ambient Temp_22.3 deg.C._Liquid Temp_21.8 deg.C

Communication System info

Communication System: UID 0, _CW (0)

Communication System Band: D1750 (1750.0 MHz)Duty Cycle: 1:1

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

Probe info:

Probe: EX3DV4 - SN3917 / Calibrated: 2022/05/17

ConvF(8.4, 8.4, 8.4) @ 1750 MHz

Medium parameters used: $f = 1750$ MHz; $\sigma = 1.32$ S/m; $\epsilon_r = 39.239$; $\rho = 1000$ 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 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 2/250 mW 3/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 13.6 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 = 104.9 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 16.9 W/kg

SAR(1 g) = 9.2 W/kg; SAR(10 g) = 4.87 W/kg (SAR corrected for target medium)

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

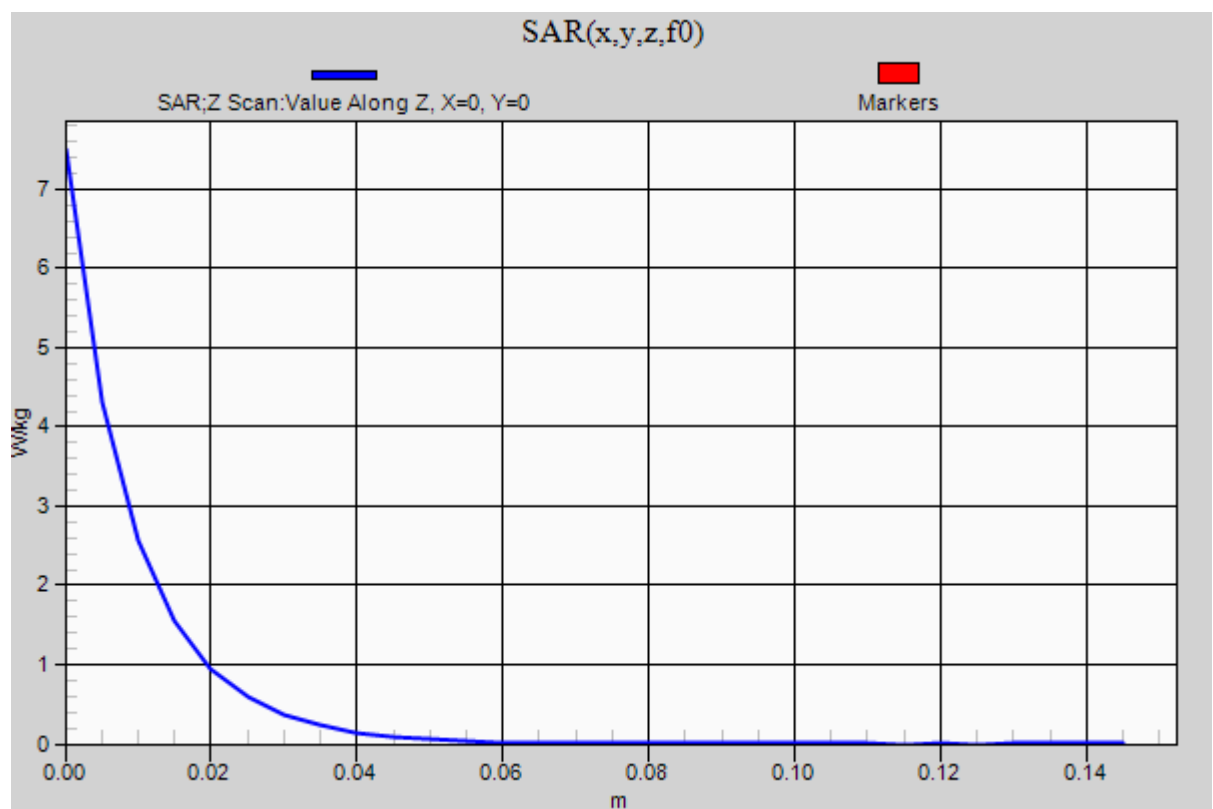
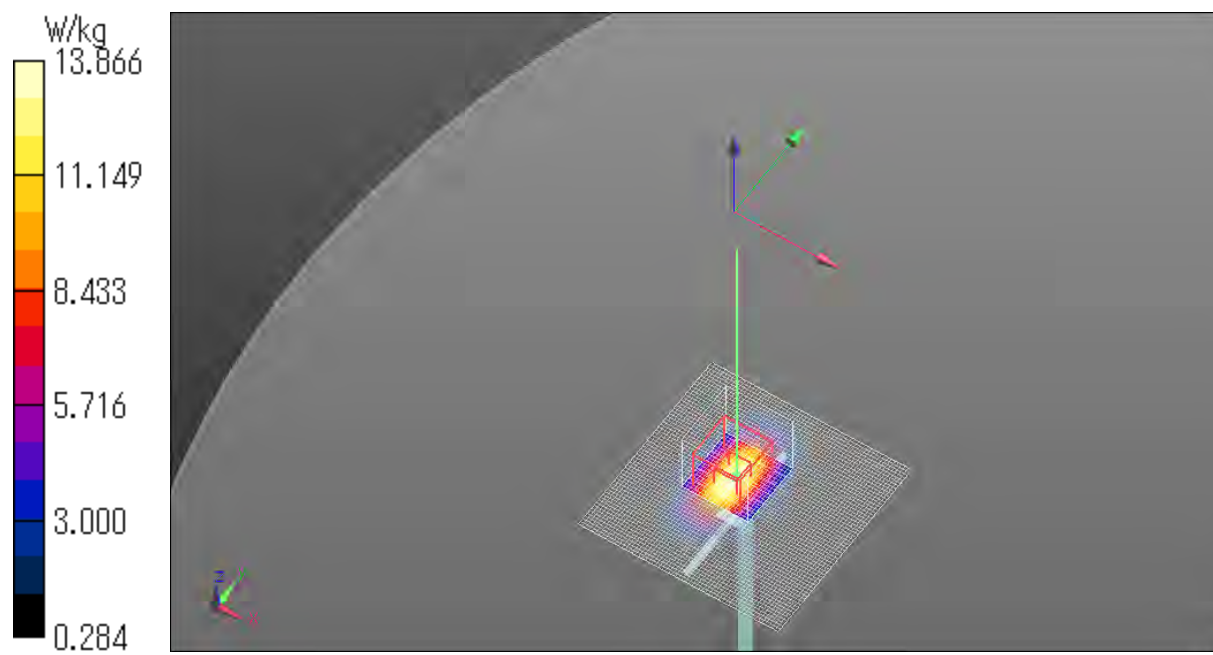
Ratio of SAR at M2 to SAR at M1 = 54.2 %

Maximum value of SAR (measured) = 13.9 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) = 7.50 W/kg

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



20230220 1900 MHz Ambient Temp_22.3 deg.C._Liquid Temp_21.8 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; $\sigma = 1.413$ S/m; $\epsilon_r = 38.979$; $\rho = 1000$ 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 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 2/250 mW 4/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 16.5 W/kg

Configuration 2/250 mW 4/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5 mm

Reference Value = 112.3 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 20.0 W/kg

SAR(1 g) = 10.7 W/kg; SAR(10 g) = 5.57 W/kg (SAR corrected for target medium)

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

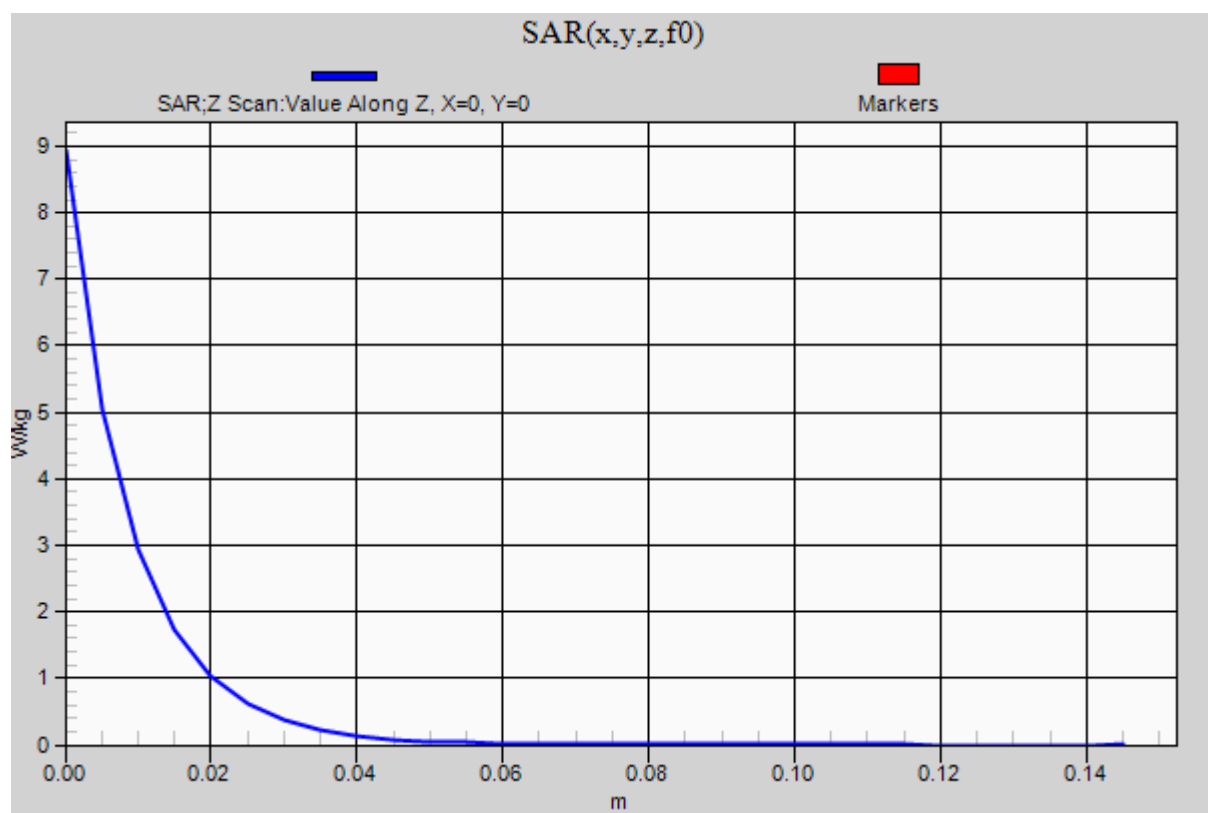
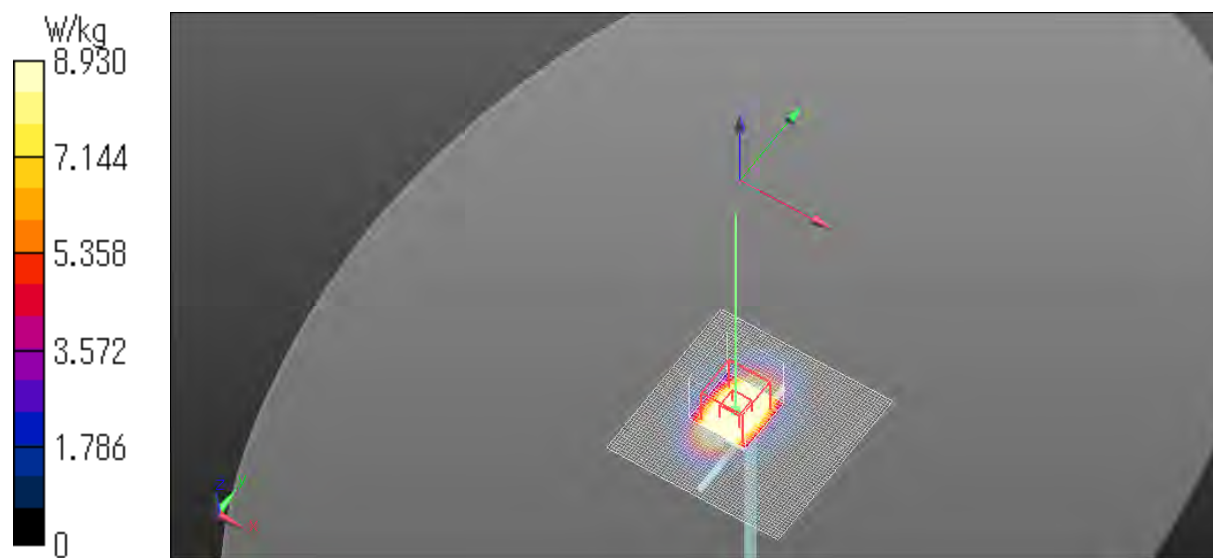
Ratio of SAR at M2 to SAR at M1 = 53.9 %

Maximum value of SAR (measured) = 16.6 W/kg

Configuration 2/250 mW 4/Z Scan (1x1x31): Measurement grid: dx=20 mm, dy=20 mm, dz=5 mm

Maximum value of SAR (measured) = 8.93 W/kg

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



20230220 2600 MHz Ambient Temp_22.3 deg.C._Liquid Temp_21.8 deg.C

Communication System info

Communication System: UID 0, _CW (0)

Communication System Band: D2600 (2600.0 MHz)Duty Cycle: 1:1

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

Probe info:

Probe: EX3DV4 - SN3917 / Calibrated: 2022/05/17

ConvF(7.47, 7.47, 7.47) @ 2600 MHz

Medium parameters used: $f = 2600$ MHz; $\sigma = 1.892$ S/m; $\epsilon_r = 37.959$; $\rho = 1000$ 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 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 2/250 mW 5/Area Scan (81x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 24.6 W/kg

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

Reference Value = 115.9 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 30.7 W/kg

SAR(1 g) = 14.3 W/kg; SAR(10 g) = 6.39 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 9 mm

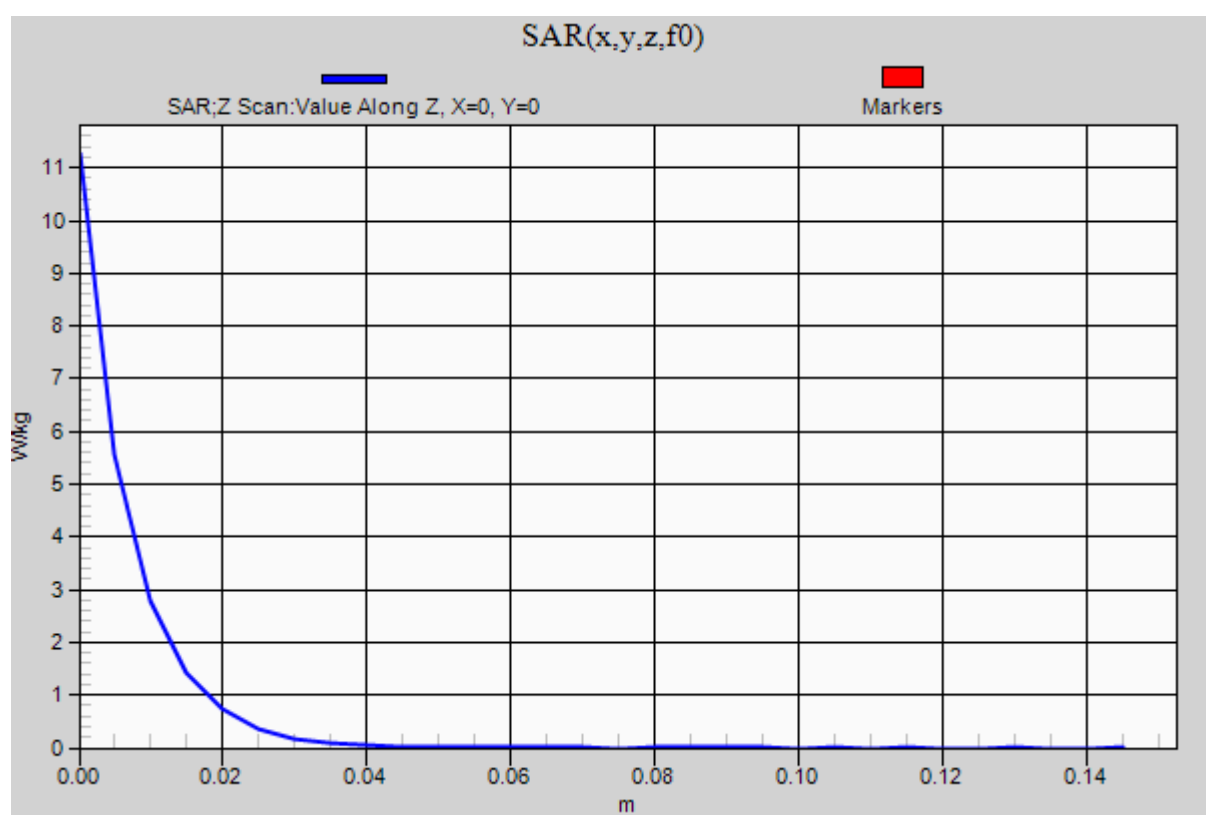
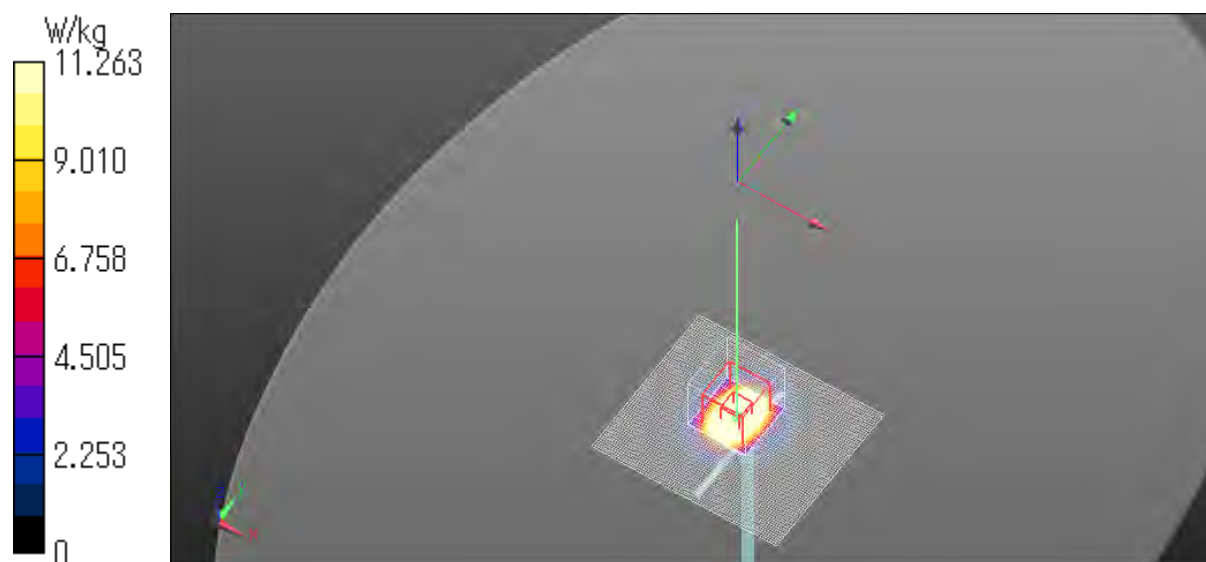
Ratio of SAR at M2 to SAR at M1 = 46.2 %

Maximum value of SAR (measured) = 24.4 W/kg

Configuration 2/250 mW 5/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.



20230224 750 MHz Ambient Temp_22.5 deg.C._Liquid Temp_22.3 deg.C

Communication System info

Communication System: UID 0, #CW (0)

Communication System Band: D750 (750.0 MHz) Duty Cycle: 1:1

Measurement Standard: 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: $f = 750 \text{ MHz}$; $\sigma = 0.882 \text{ S/m}$; $\epsilon_r = 42.275$; $\rho = 1000 \text{ kg/m}^3$

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 DASY52 52.10.3(1513) SEMCAD X 14.6.13(7474)

Configuration/250 mW/Area Scan (61x61x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 3.09 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 = 62.51 V/m ; Power Drift = 0.01 dB

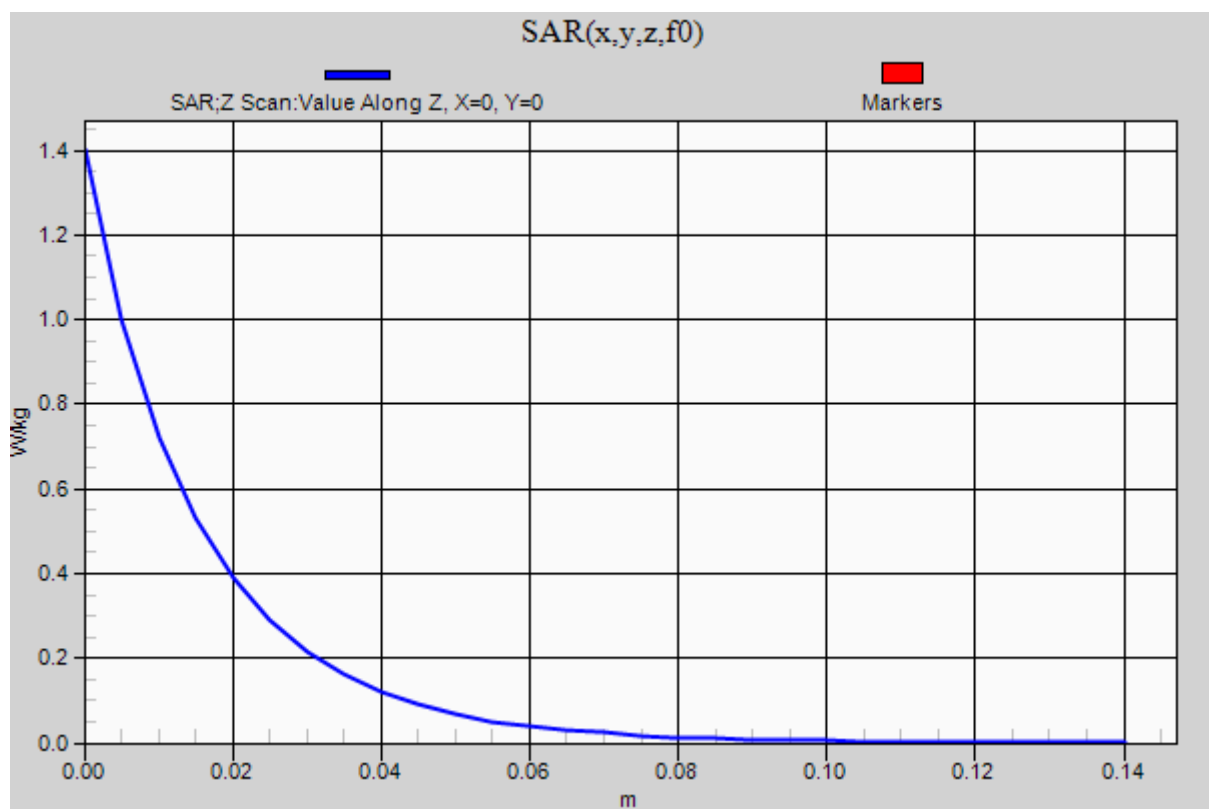
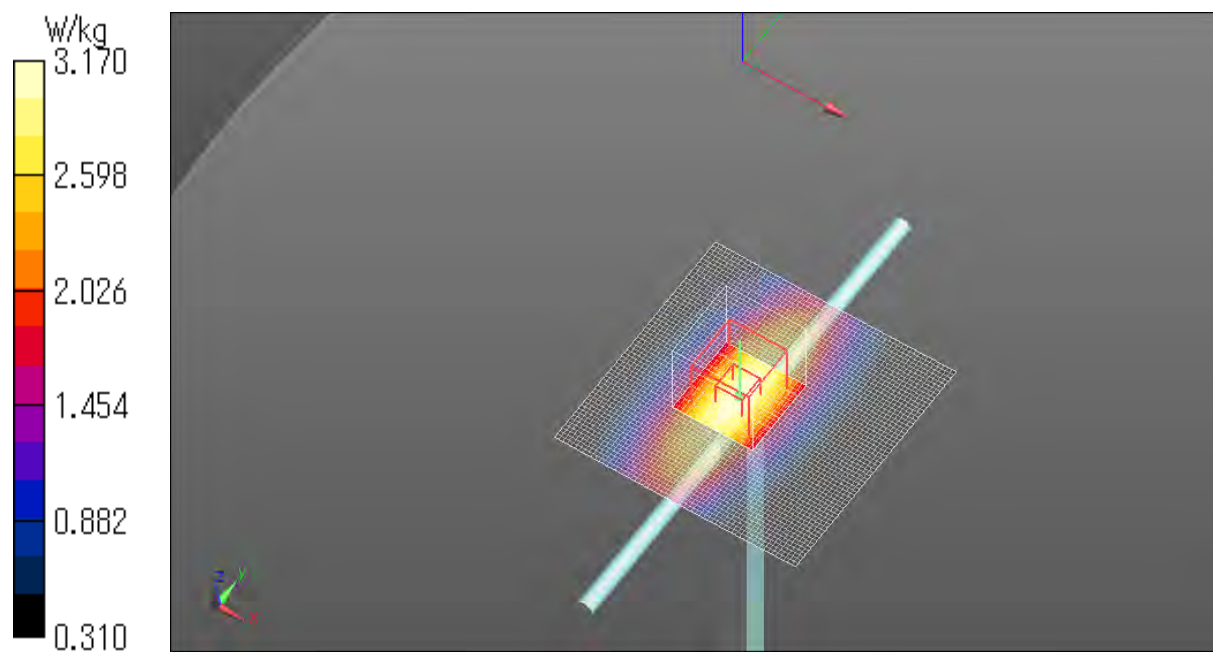
Peak SAR (extrapolated) = 3.70 W/kg

SAR(1 g) = 2.32 W/kg ; SAR(10 g) = 1.53 W/kg

Ratio of SAR at M2 to SAR at M1 = 63.3%

Maximum value of SAR (measured) = 3.17 W/kg

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



20230224 1750 MHz Ambient Temp_22.5 deg.C._Liquid Temp_22.3 deg.C

Communication System info

Communication System: UID 0, _CW (0)

Communication System Band: D1750 (1750.0 MHz)Duty Cycle: 1:1

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

Probe info:

Probe: EX3DV4 - SN3825 / Calibrated: 2022/07/20

ConvF(8.66, 8.66, 8.66) @ 1750 MHz

Medium parameters used: $f = 1750$ MHz; $\sigma = 1.314$ S/m; $\epsilon_r = 40.396$; $\rho = 1000$ 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 52.10.3(1513) SEMCAD X 14.6.13(7474)

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

Maximum value of SAR (interpolated) = 13.7 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 = 106.2 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 16.4 W/kg

SAR(1 g) = 8.96 W/kg; SAR(10 g) = 4.82 W/kg

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

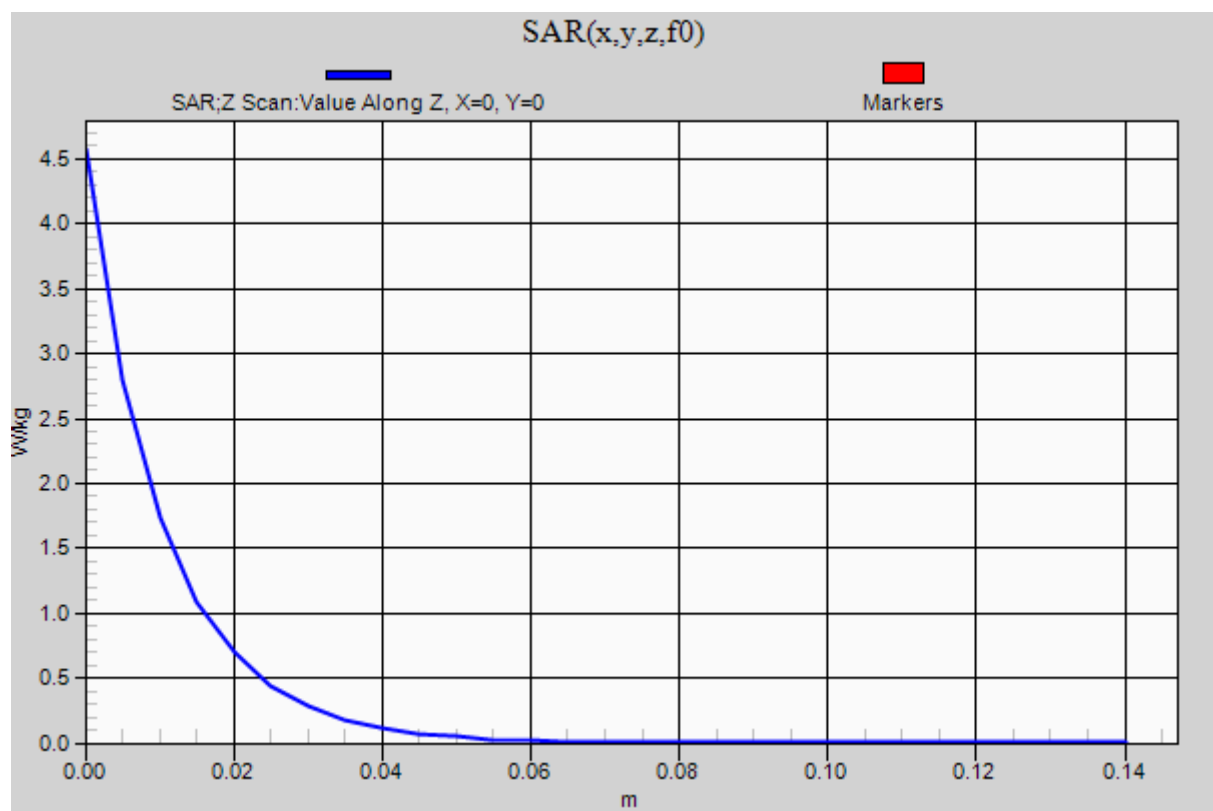
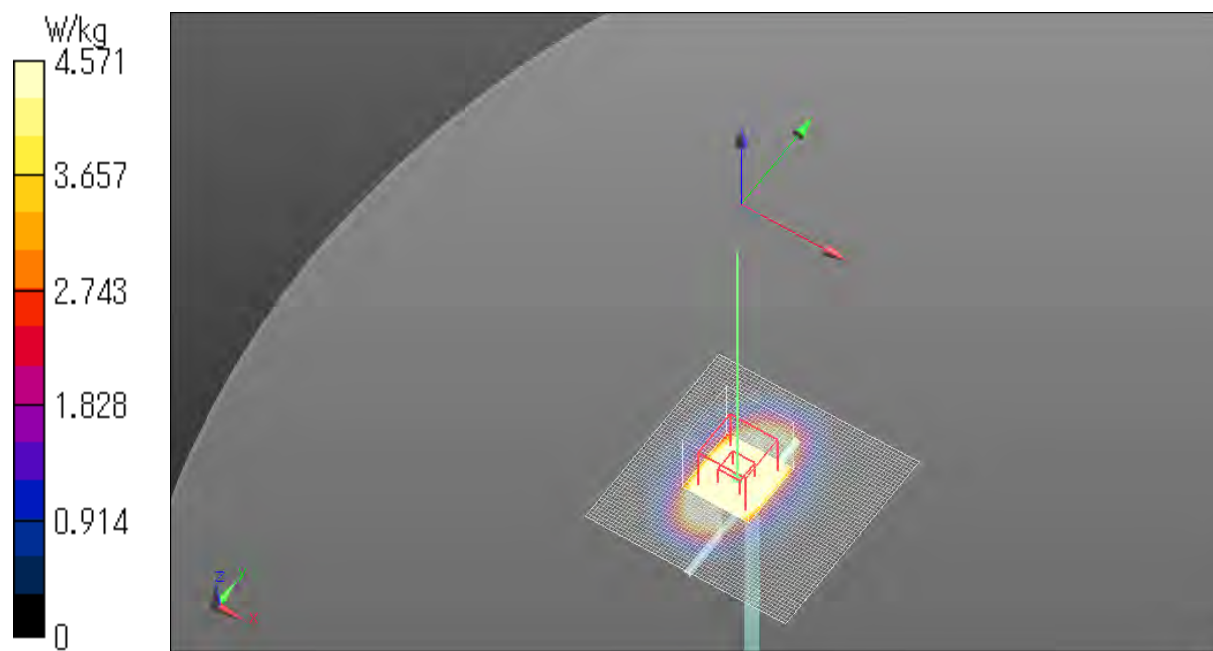
Ratio of SAR at M2 to SAR at M1 = 55.7 %

Maximum value of SAR (measured) = 13.7 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) = 4.57 W/kg

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



20230224 3500 MHz Ambient Temp_20.5 deg.C._Liquid Temp_20.0 deg.C

Communication System info

Communication System: UID 0, _CW (0)

Communication System Band: D3500 (3500.0 MHz)Duty Cycle: 1:1

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

Probe info:

Probe: EX3DV4 - SN3917 / Calibrated: 2022/05/17

ConvF(6.8, 6.8, 6.8) @ 3500 MHz

Medium parameters used: $f = 3500$ MHz; $\sigma = 2.959$ S/m; $\epsilon_r = 38.276$; $\rho = 1000$ 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)

SPC/3500 MHz/Area Scan (81x101x1): Interpolated grid: dx=1.100 mm, dy=1.100 mm

Maximum value of SAR (interpolated) = 13.5 W/kg

SPC/3500 MHz/Zoom Scan (8x8x9)/Cube 0: Measurement grid: dx=4 mm, dy=4 mm, dz=1.4 mm

Reference Value = 70.86 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 18.1 W/kg

SAR(1 g) = 6.75 W/kg; SAR(10 g) = 2.54 W/kg

Smallest distance from peaks to all points 3 dB below = 8.8 mm

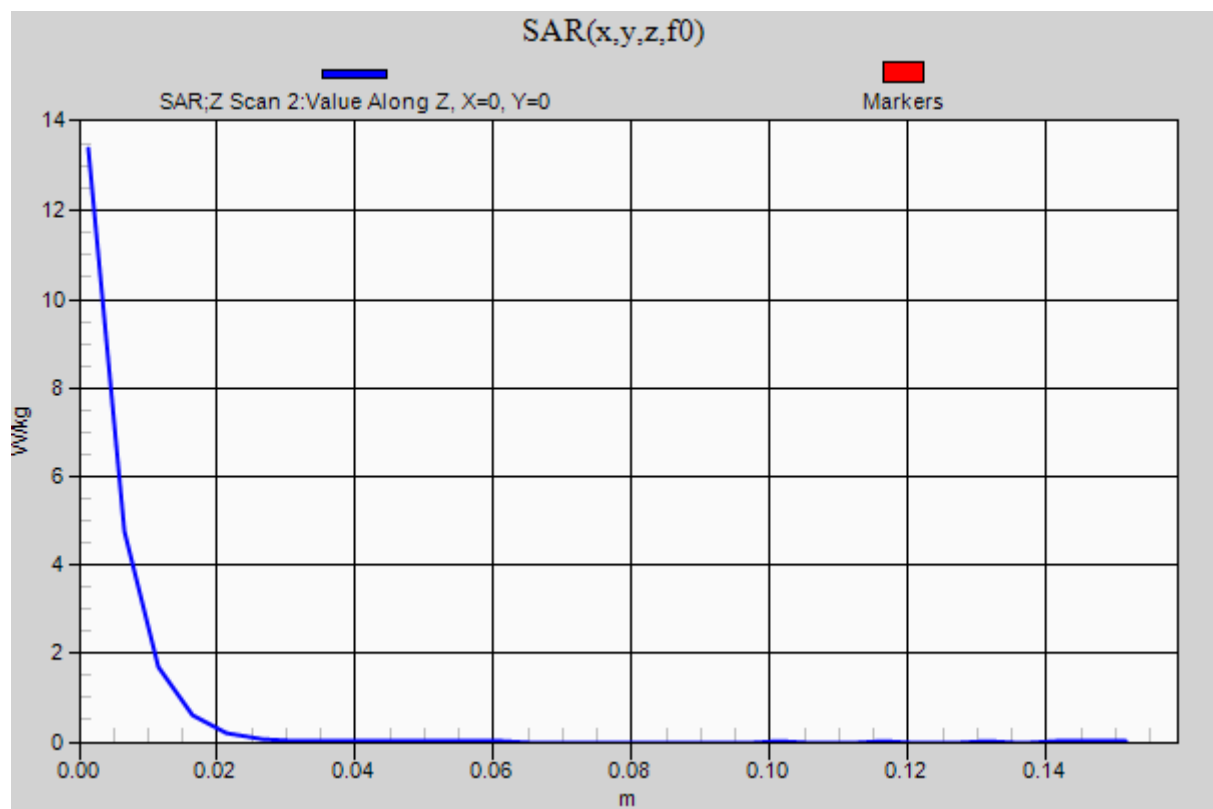
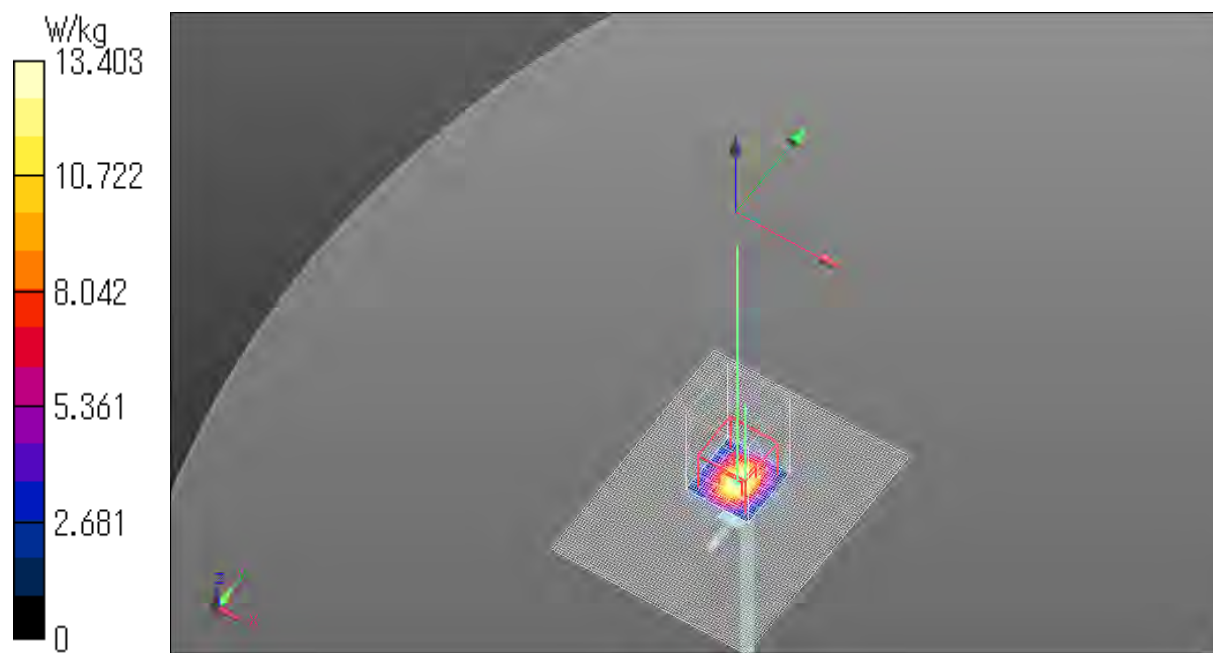
Ratio of SAR at M2 to SAR at M1 = 75 %

Maximum value of SAR (measured) = 12.8 W/kg

SPC/3500 MHz/Z Scan 2 (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.



20230224 3700 MHz Ambient Temp_20.5 deg.C._Liquid Temp_20.0 deg.C

Communication System info

Communication System: UID 0, _CW (0)

Communication System Band: D3700 (3700.0 MHz)Duty Cycle: 1:1

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

Probe info:

Probe: EX3DV4 - SN3917 / Calibrated: 2022/05/17

ConvF(6.6, 6.6, 6.6) @ 3700 MHz

Medium parameters used: $f = 3700$ MHz; $\sigma = 3.131$ S/m; $\epsilon_r = 37.956$; $\rho = 1000$ 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)

SPC/3700 MHz/Area Scan (81x101x1): Interpolated grid: dx=1.100 mm, dy=1.100 mm

Maximum value of SAR (interpolated) = 14.4 W/kg

SPC/3700 MHz/Zoom Scan (8x8x9)/Cube 0: Measurement grid: dx=4 mm, dy=4 mm, dz=1.4 mm

Reference Value = 70.10 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 19.2 W/kg

SAR(1 g) = 6.83 W/kg; SAR(10 g) = 2.48 W/kg

Smallest distance from peaks to all points 3 dB below = 8.4 mm

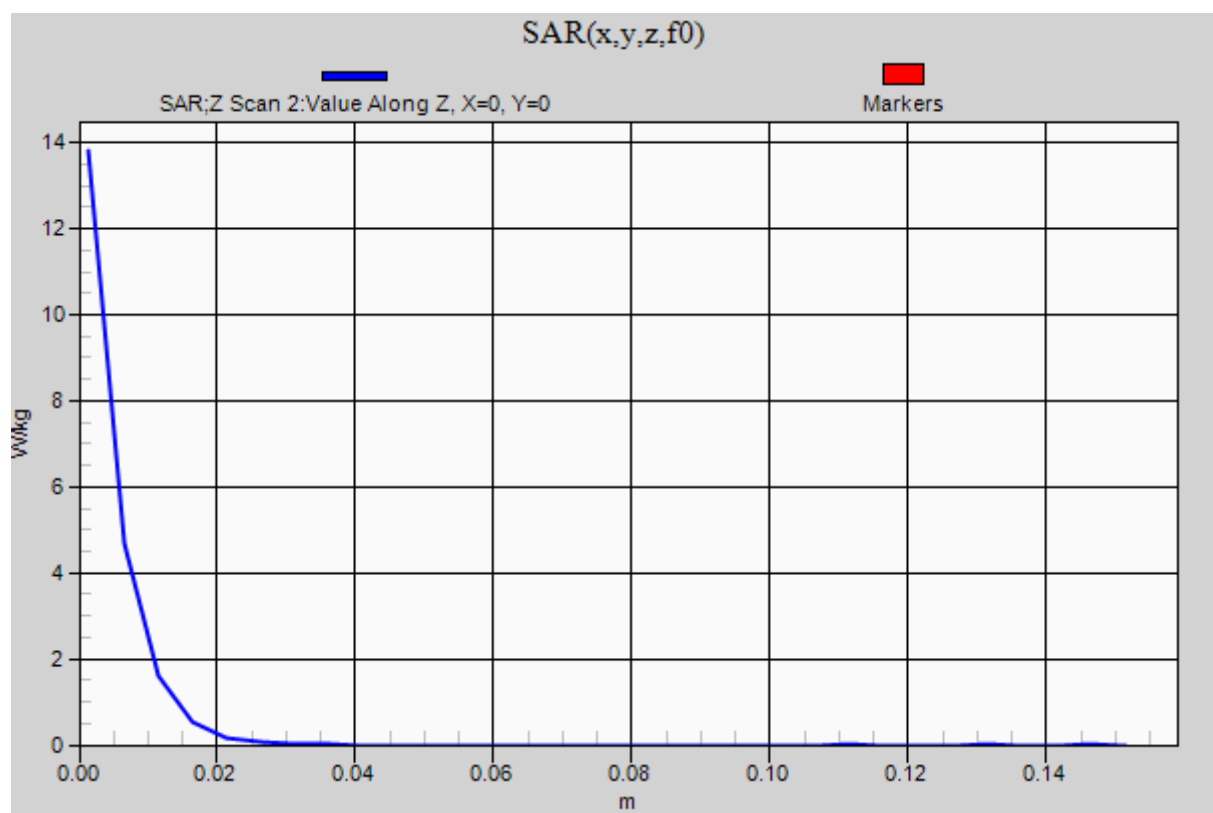
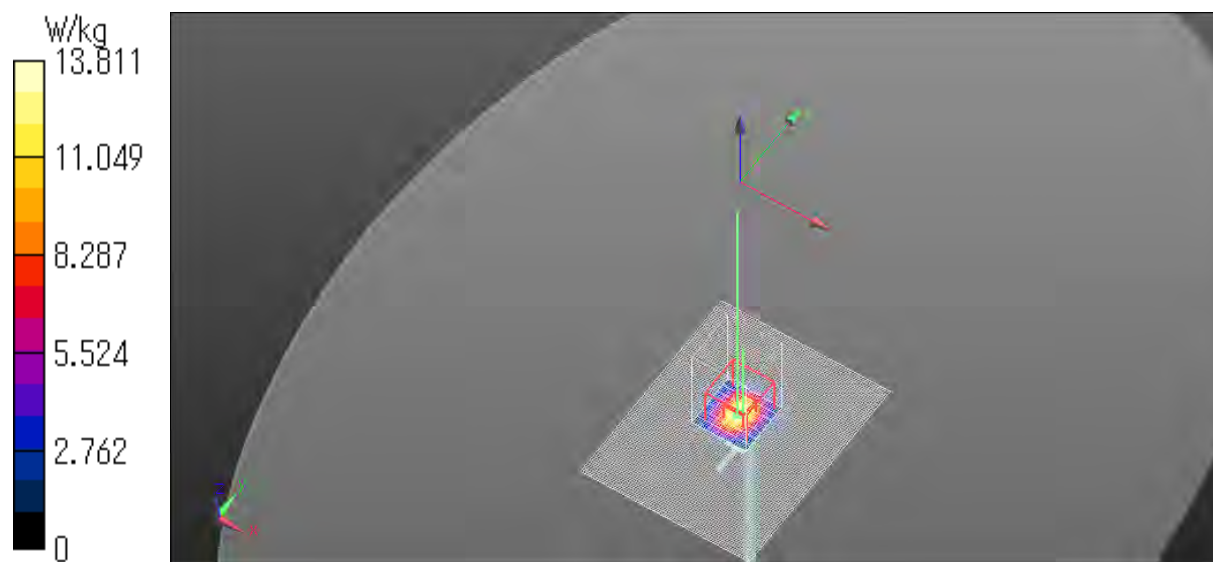
Ratio of SAR at M2 to SAR at M1 = 73.7 %

Maximum value of SAR (measured) = 13.5 W/kg

SPC/3700 MHz/Z Scan 2 (1x1x31): Measurement grid: dx=20 mm, dy=20 mm, dz=5 mm

Maximum value of SAR (measured) = 13.8 W/kg

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



Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	75.0 x 50.0 x 170.0		Phone

Exposure Conditions

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

Hardware Setup

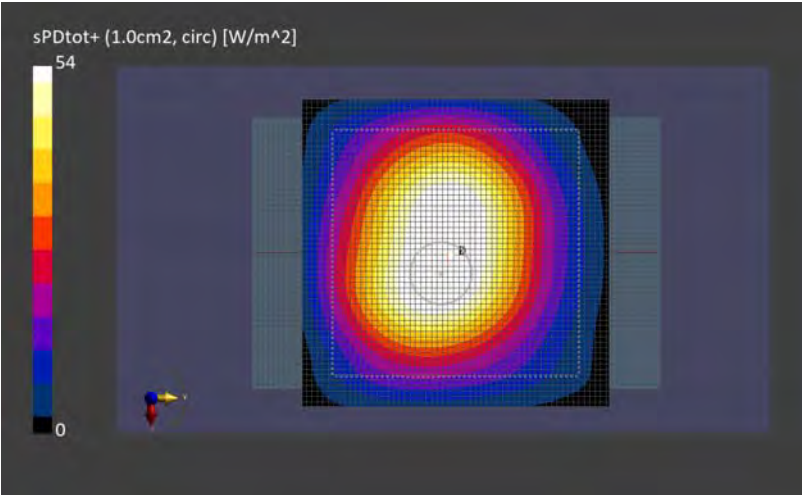
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave - 1038	Air -	EUmmWV4 - SN9450_F1-55GHz, 2022-11-17	DAE4 Sn1369, 2022-05-09

Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	25.0 x 25.0
Grid Steps [lambda]	0.125 x 0.125
Sensor Surface [mm]	10.0
MAIA	N/A

Measurement Results

Scan Type	5G Scan
Date	2023-03-02, 17:55
Avg. Area [cm²]	4.00
psPDn+ [W/m²]	53.7
psPDtot+ [W/m²]	54.0
psPDmod+ [W/m²]	54.4
E _{max} [V/m]	154
Power Drift [dB]	0.02



20230313 1750 MHz Ambient Temp_22.6 deg.C_ Liquid Temp_22.1 deg.C

Communication System info

Communication System: UID 0, _CW (0)

Communication System Band: D1750 (1750.0 MHz) Duty Cycle: 1:1

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

Probe info:

Probe: EX3DV4 - SN3917 / Calibrated: 2022/05/17

ConvF(8.4, 8.4, 8.4) @ 1750 MHz

Medium parameters used: $f = 1750$ MHz; $\sigma = 1.322$ S/m; $\epsilon_r = 39.006$; $\rho = 1000$ kg/m³

Sensor-Surface: 1.4mm (Mechanical Surface Detection), Sensor-Surface: 0mm (Fix Surface)

DAE info:

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

Phantom info:

Phantom: ELI v5.0 (20deg 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/250mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 14.0 W/kg

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

Reference Value = 105.9 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 17.3 W/kg

SAR(1 g) = 9.33 W/kg; SAR(10 g) = 4.93 W/kg (SAR corrected for target medium)

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) = 14.3 W/kg

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

Maximum value of SAR (measured) = 7.64 W/kg

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

