

## 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:  $f = 750 \text{ MHz}$ ;  $\sigma = 0.915 \text{ S/m}$ ;  $\epsilon_r = 41.875$ ;  $\rho = 1000 \text{ kg/m}^3$

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** DASY52 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) =  $2.96 \text{ W/kg}$

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

Reference Value =  $60.08 \text{ V/m}$ ; Power Drift =  $0.00 \text{ dB}$

Peak SAR (extrapolated) =  $3.38 \text{ W/kg}$

**SAR(1 g) =  $2.21 \text{ W/kg}$ ; SAR(10 g) =  $1.45 \text{ W/kg}$**

Smallest distance from peaks to all points 3 dB below =  $20.6 \text{ mm}$

Ratio of SAR at M2 to SAR at M1 =  $65.3 \%$

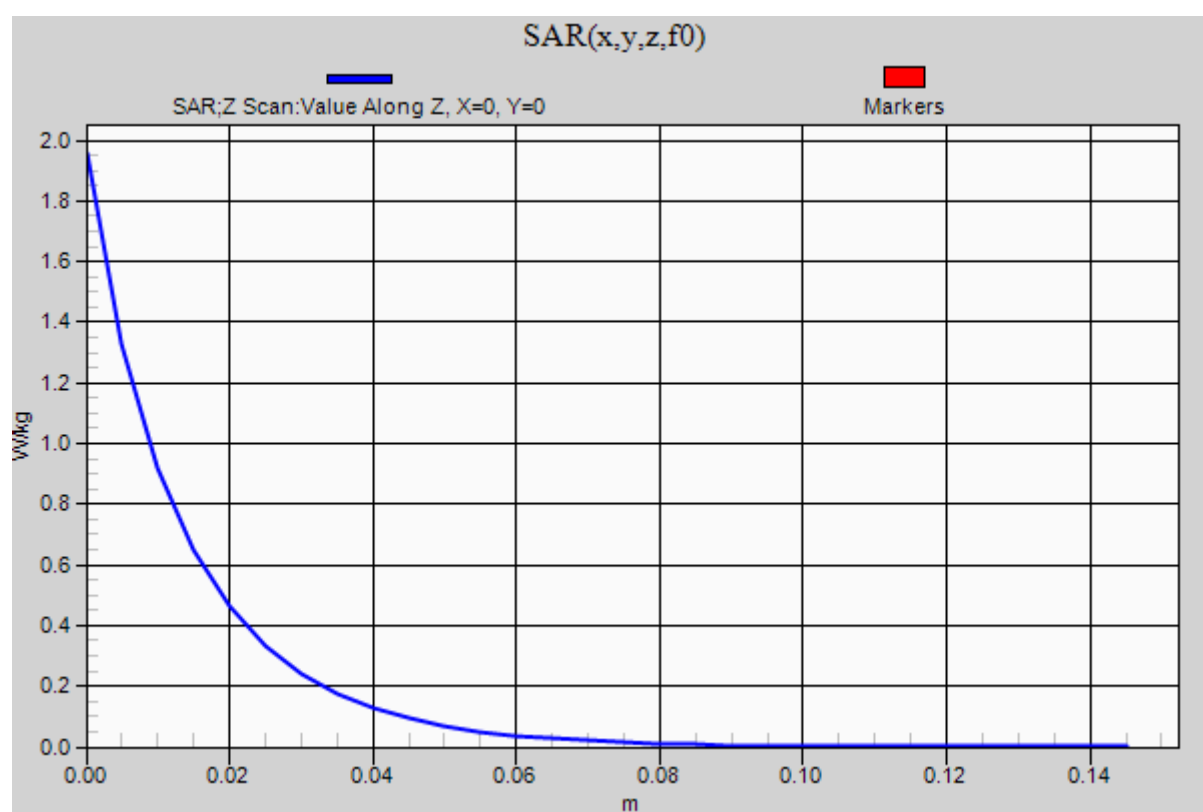
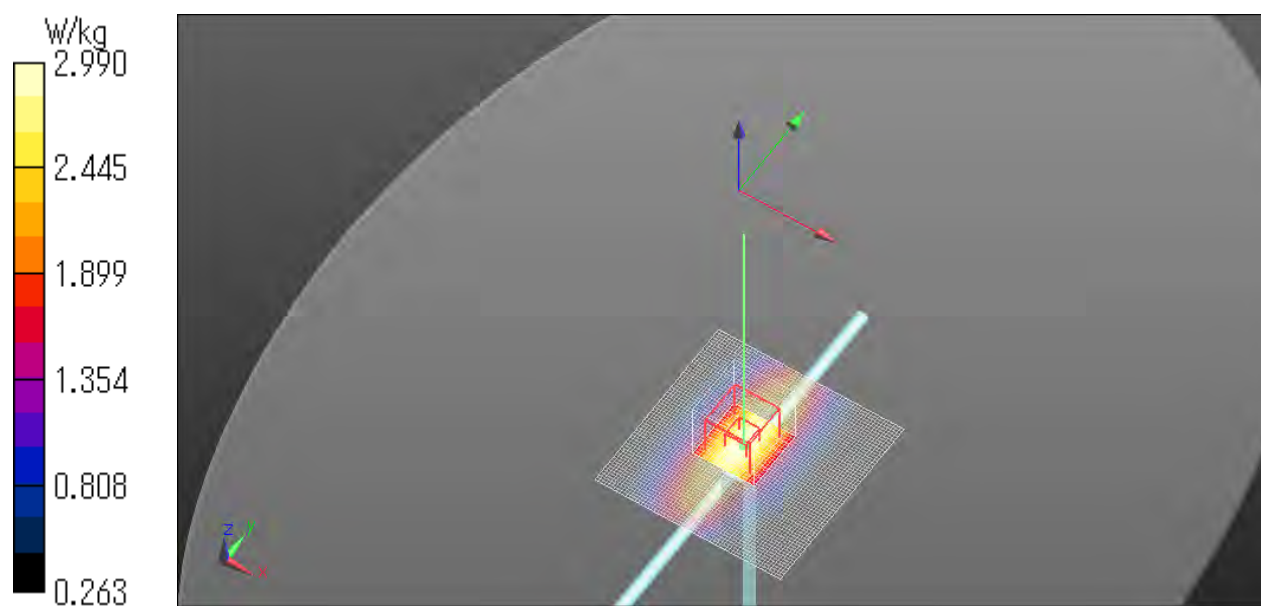
Maximum value of SAR (measured) =  $2.99 \text{ W/kg}$

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

Maximum value of SAR (measured) =  $1.96 \text{ W/kg}$

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: 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:  $f = 835 \text{ MHz}$ ;  $\sigma = 0.94 \text{ S/m}$ ;  $\epsilon_r = 41.604$ ;  $\rho = 1000 \text{ kg/m}^3$   
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** DASY52 52.10.4(1535) SEMCAD X 14.6.14(7501)

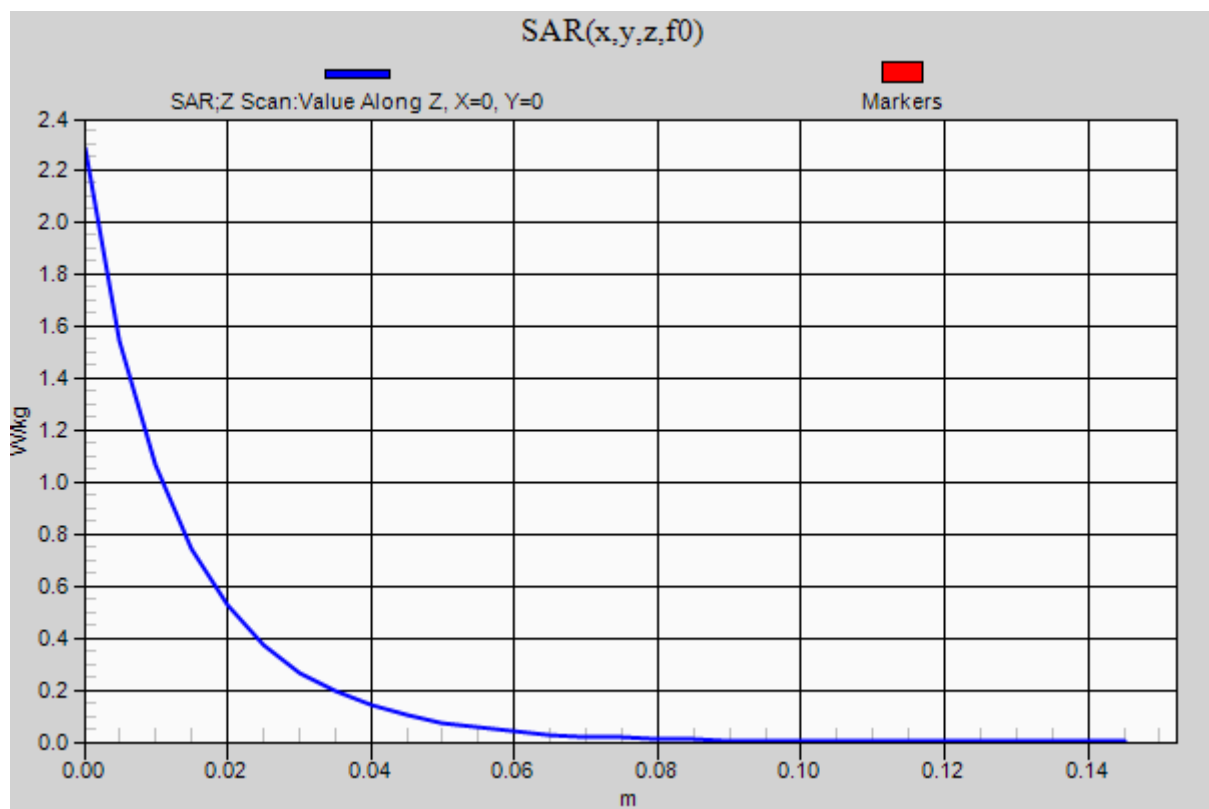
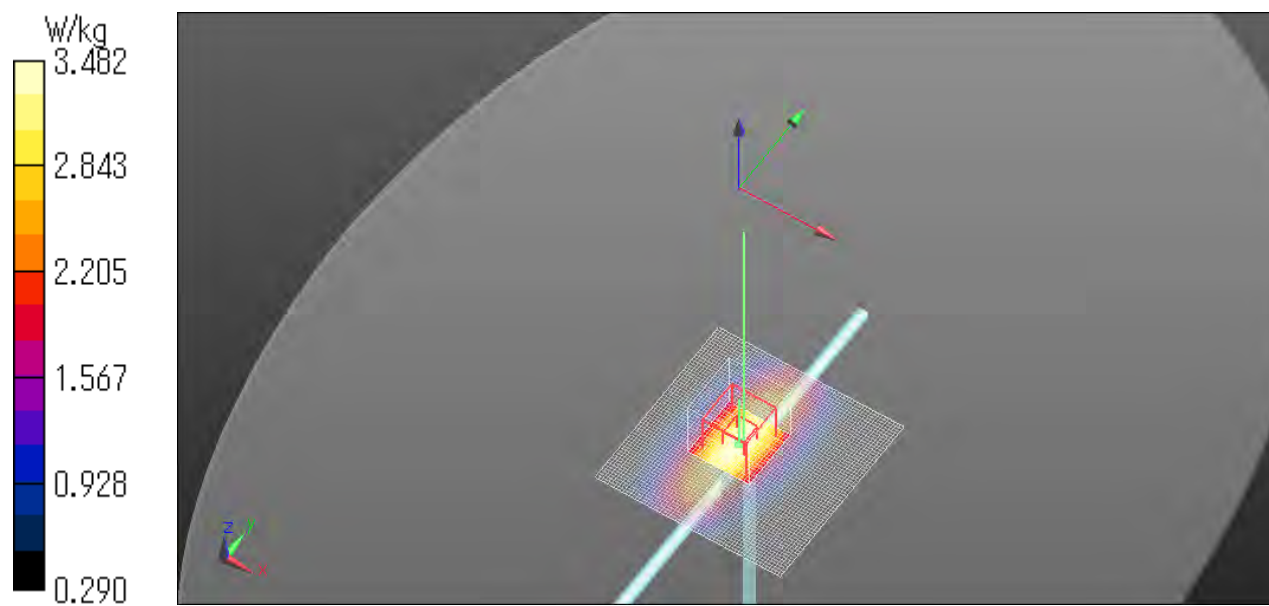
**Area Scan (61x61x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$   
Maximum value of SAR (interpolated) =  $3.40 \text{ W/kg}$

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

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

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: 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;  $\sigma = 1.437$  S/m;  $\epsilon_r = 39.73$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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) = 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

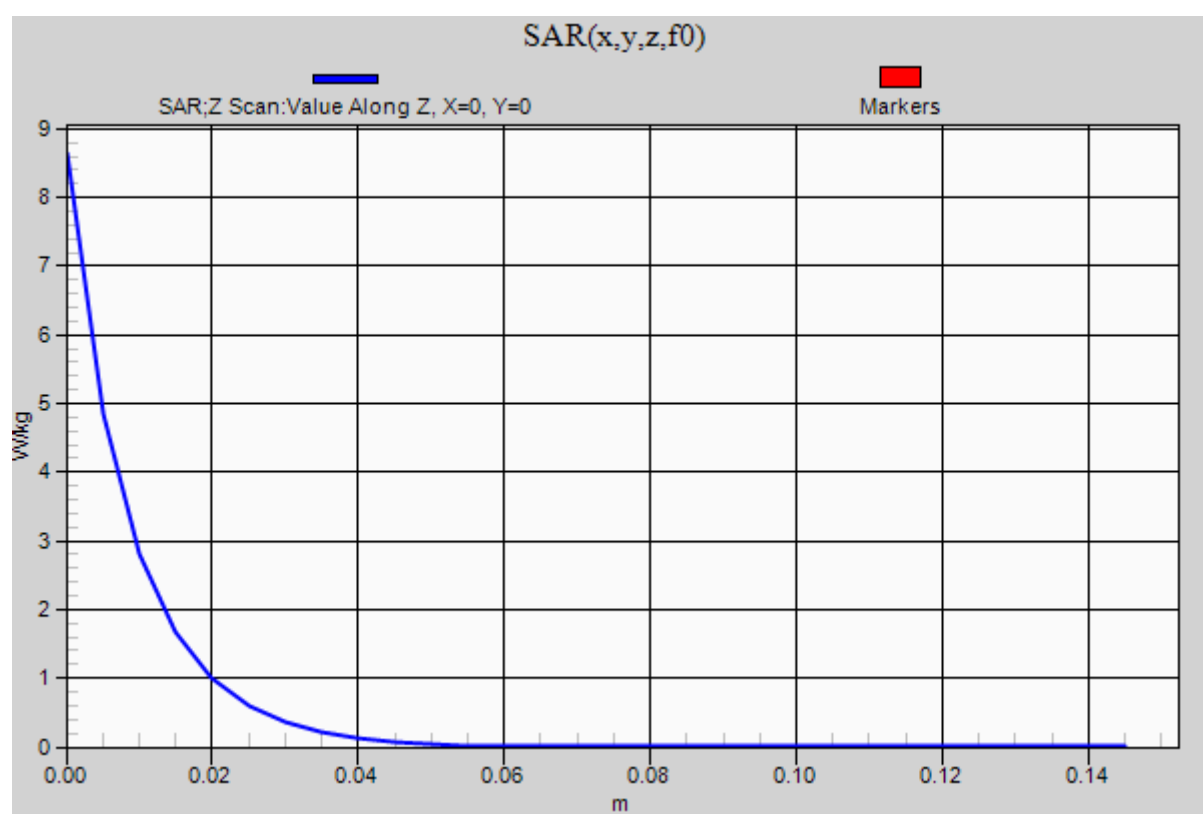
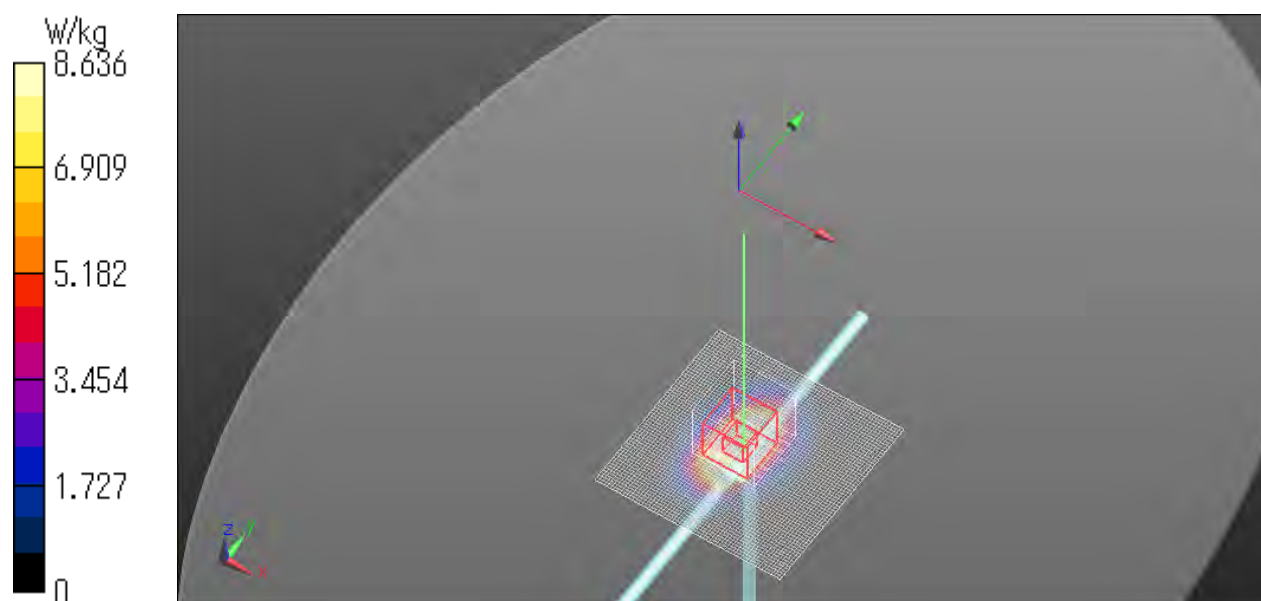
Ratio of SAR at M2 to SAR at M1 = 52.6 %

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: 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;  $\sigma = 1.403$  S/m;  $\epsilon_r = 39.209$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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 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

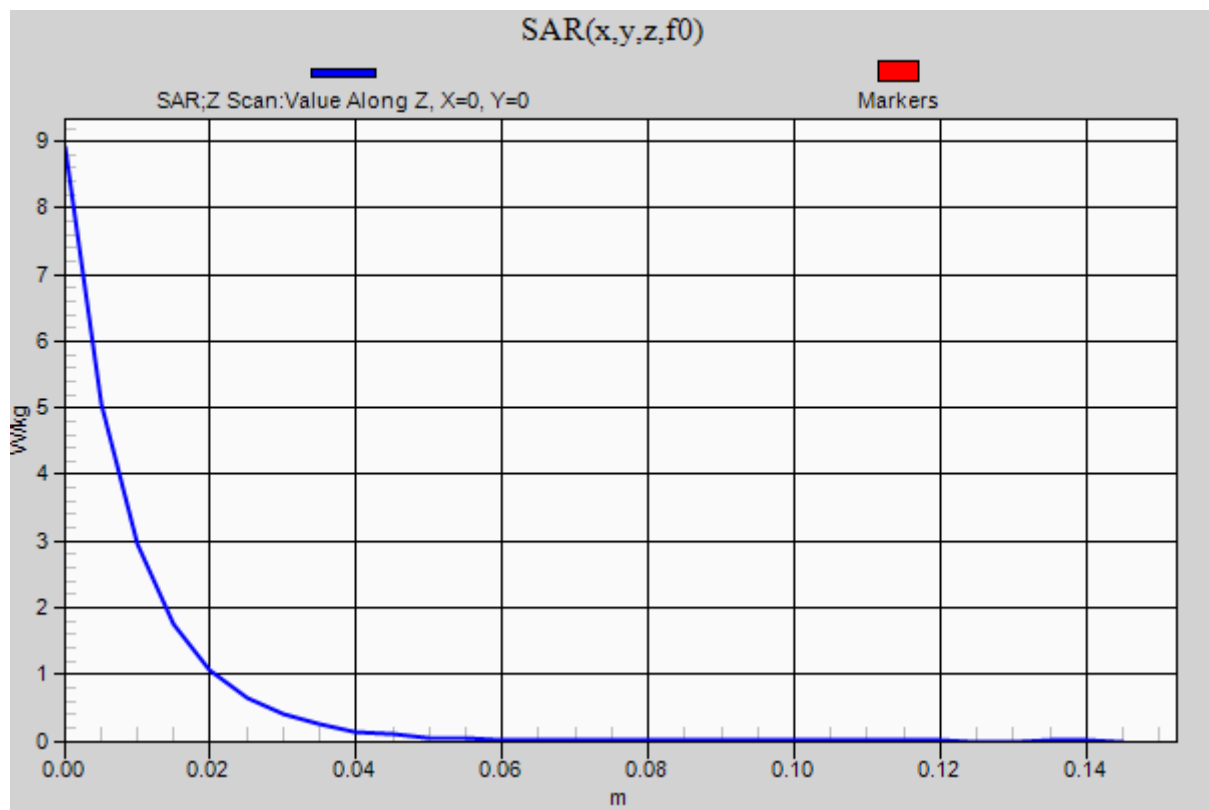
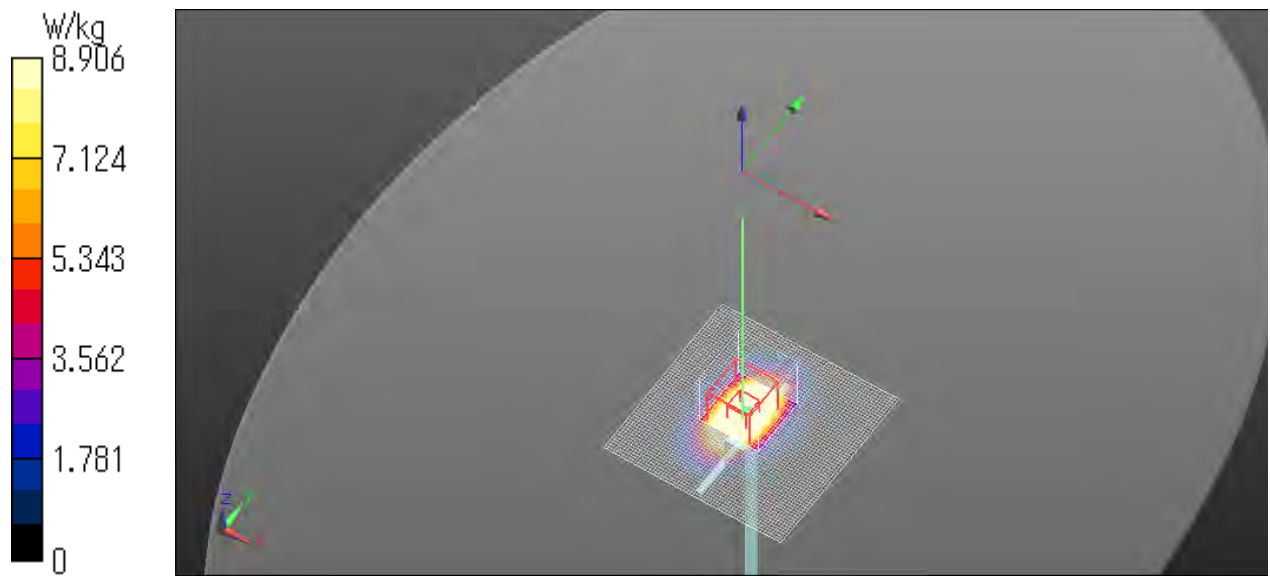
Ratio of SAR at M2 to SAR at M1 = 53.6 %

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:  $f = 750 \text{ MHz}$ ;  $\sigma = 0.909 \text{ S/m}$ ;  $\epsilon_r = 40.312$ ;  $\rho = 1000 \text{ kg/m}^3$   
Sensor-Surface: 1.4 mm (Mechanical Surface Detection), Sensor-Surface: 0 mm (Fix Surface)

**DAE info:**

Electronics: DAE4 Sn509 / Calibrated: 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:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) =  $2.56 \text{ W/kg}$

**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 =  $55.64 \text{ V/m}$ ; Power Drift =  $-0.02 \text{ dB}$

Peak SAR (extrapolated) =  $2.93 \text{ W/kg}$

**SAR(1 g) =  $1.98 \text{ W/kg}$ ; SAR(10 g) =  $1.32 \text{ W/kg}$**

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 =  $67.1 \%$

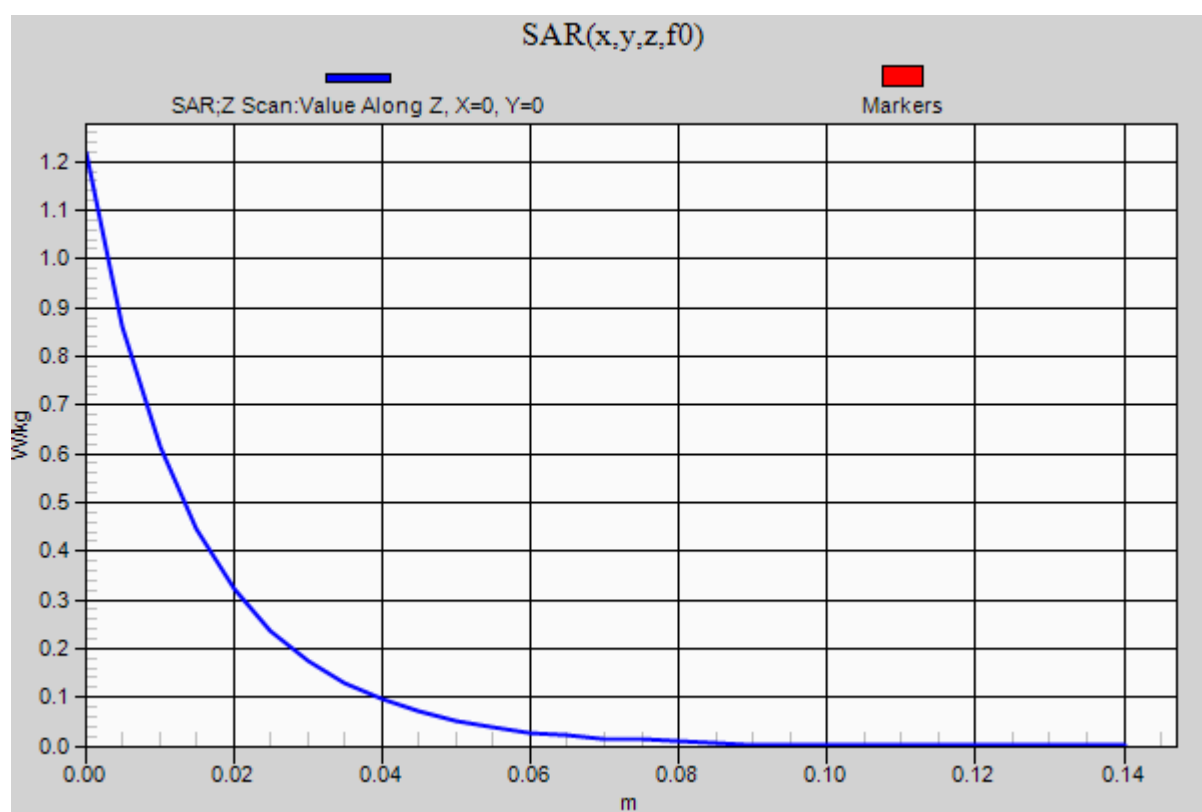
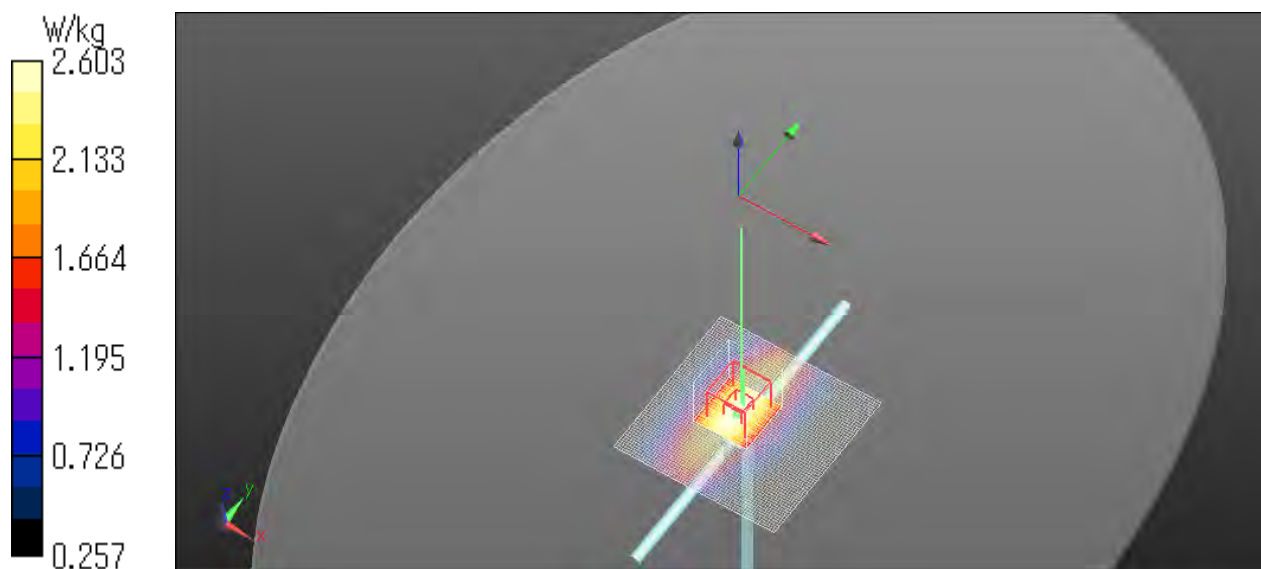
Maximum value of SAR (measured) =  $2.60 \text{ W/kg}$

**Configuration/250 mW 2/Z Scan 2 (1x1x29):** Measurement grid:  $dx=20 \text{ mm}$ ,  $dy=20 \text{ mm}$ ,  $dz=5 \text{ mm}$

Penetration depth =  $13.60 (12.66, 14.37) [\text{mm}]$

Maximum value of SAR (interpolated) =  $2.88 \text{ W/kg}$

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: 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;  $\sigma = 1.973$  S/m;  $\epsilon_r = 39.444$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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/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

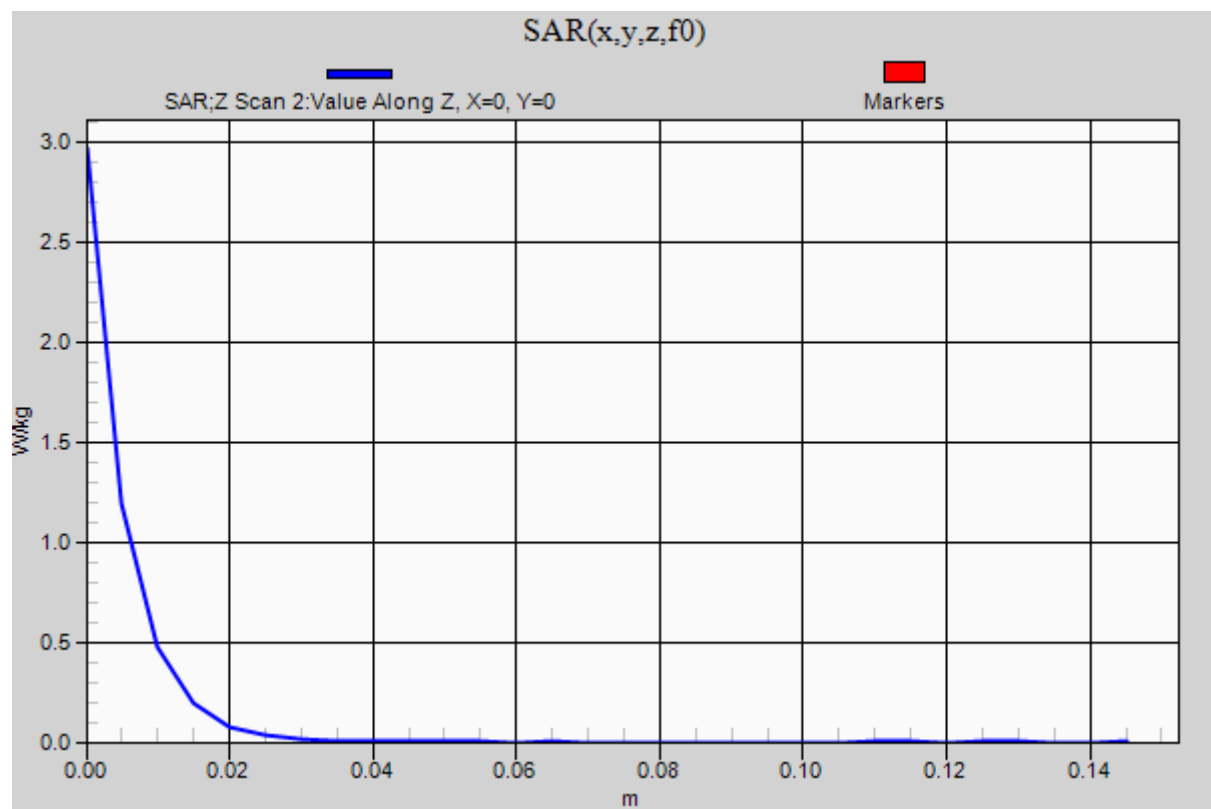
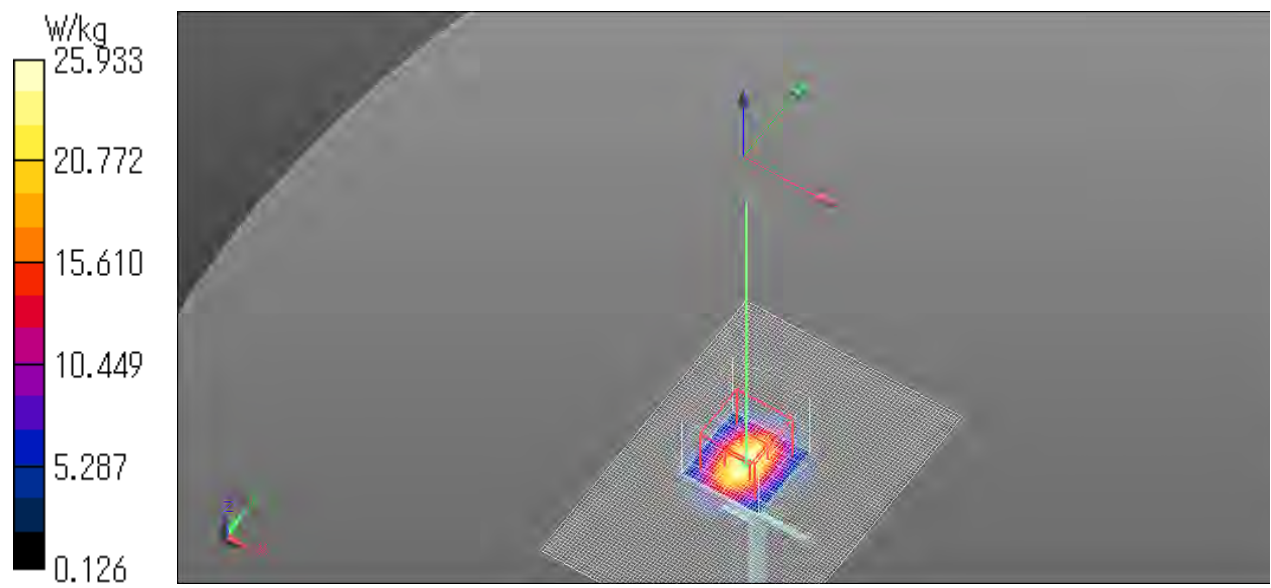
Ratio of SAR at M2 to SAR at M1 = 45.5 %

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: 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;  $\sigma = 2.803$  S/m;  $\epsilon_r = 37.862$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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 52.10.4(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

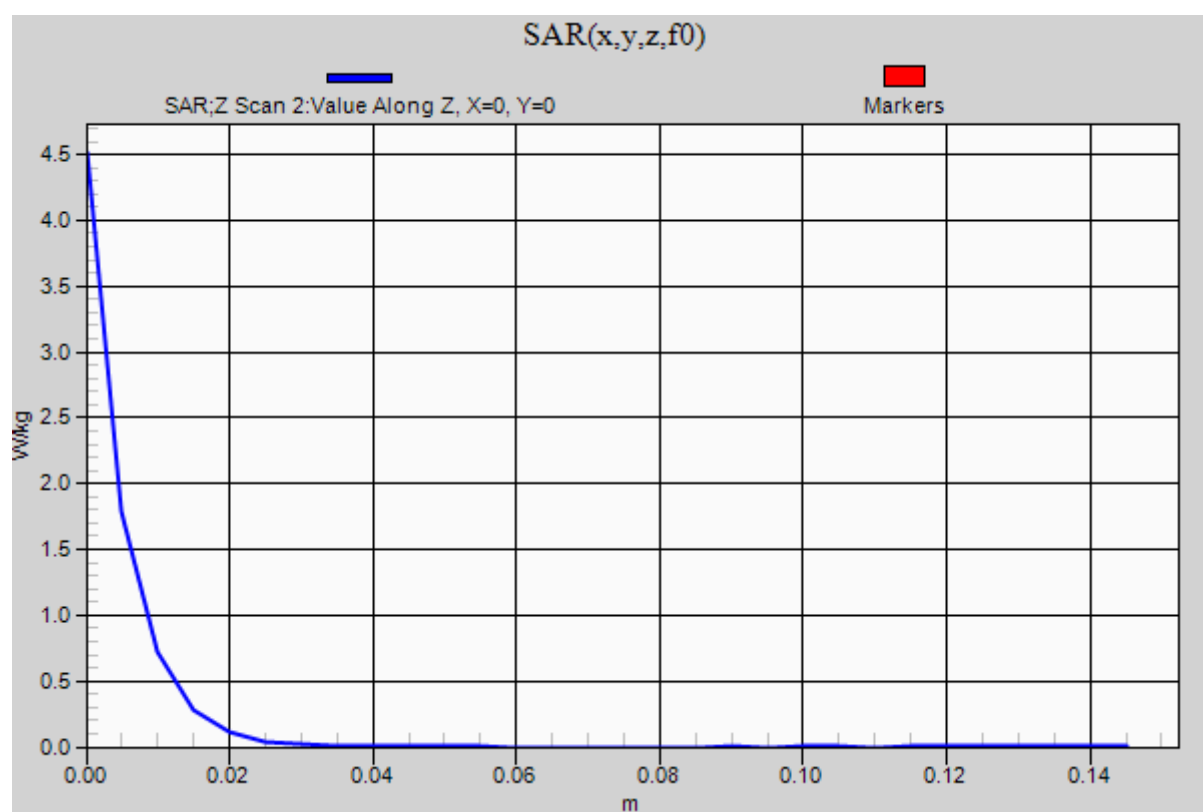
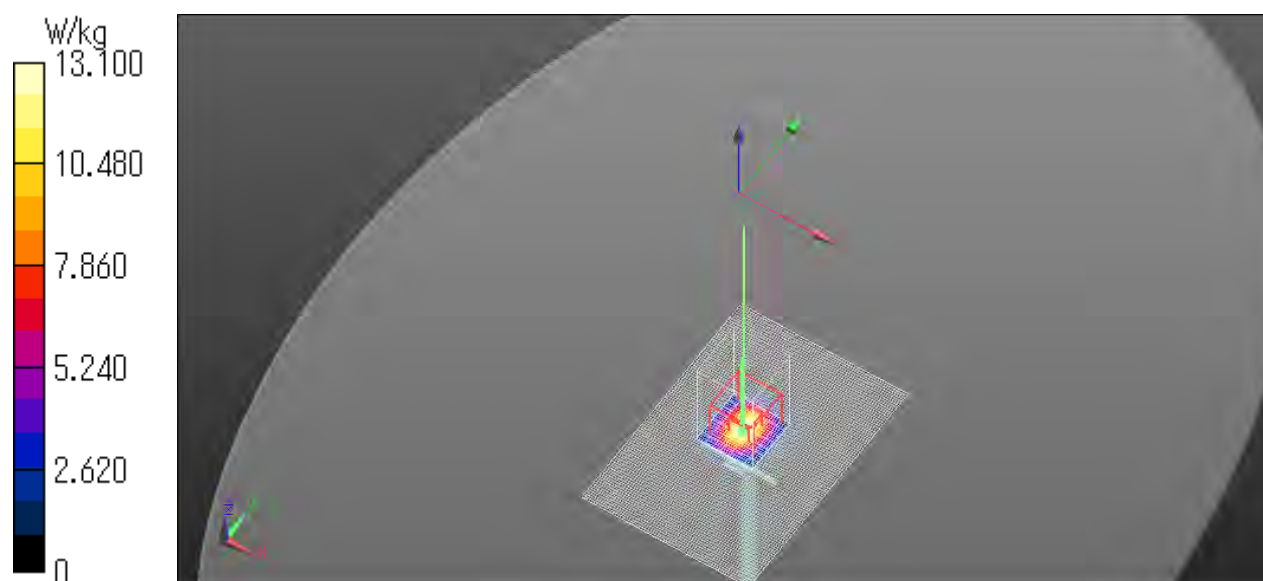
Ratio of SAR at M2 to SAR at M1 = 75.6 %

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: 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:  $f = 835 \text{ MHz}$ ;  $\sigma = 0.914 \text{ S/m}$ ;  $\epsilon_r = 42.206$ ;  $\rho = 1000 \text{ kg/m}^3$   
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** 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) =  $3.28 \text{ W/kg}$

**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 =  $62.91 \text{ V/m}$ ; Power Drift =  $-0.05 \text{ dB}$

Peak SAR (extrapolated) =  $3.68 \text{ W/kg}$

**SAR(1 g) =  $2.46 \text{ W/kg}$ ; SAR(10 g) =  $1.62 \text{ W/kg}$**

Smallest distance from peaks to all points 3 dB below =  $18.4 \text{ mm}$

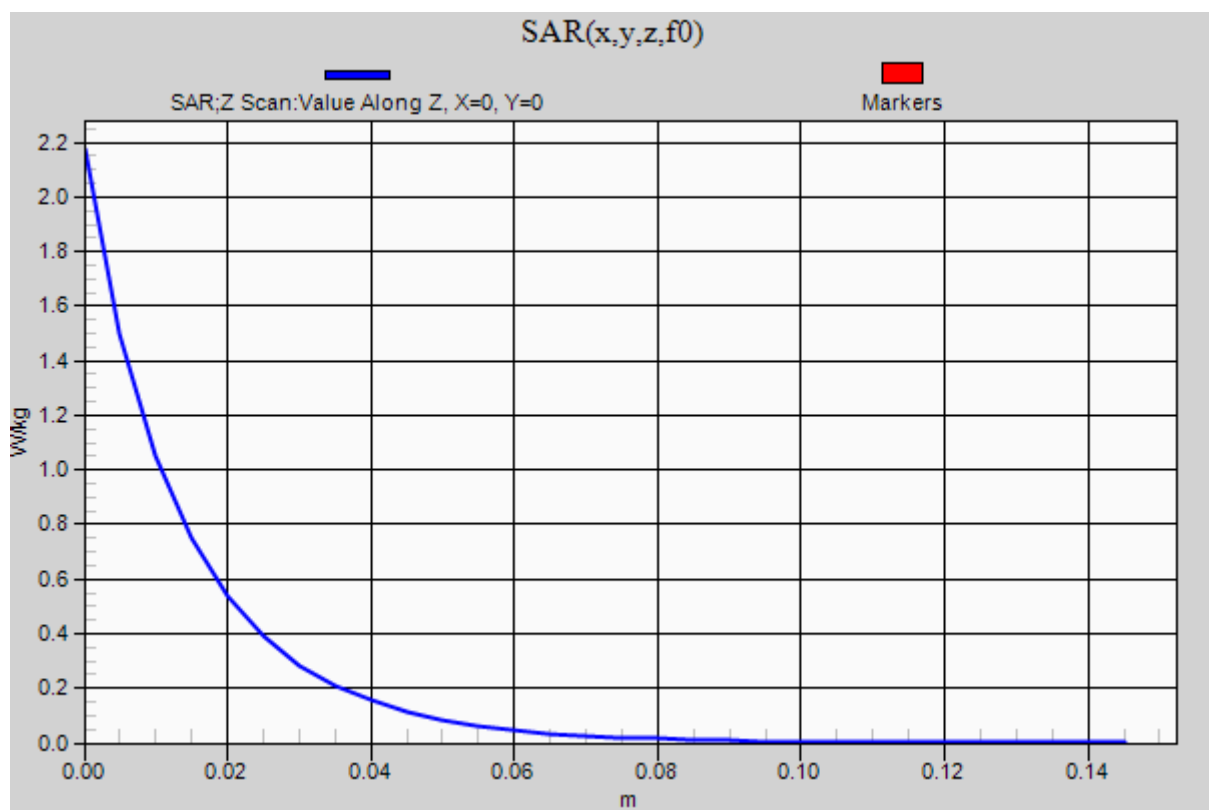
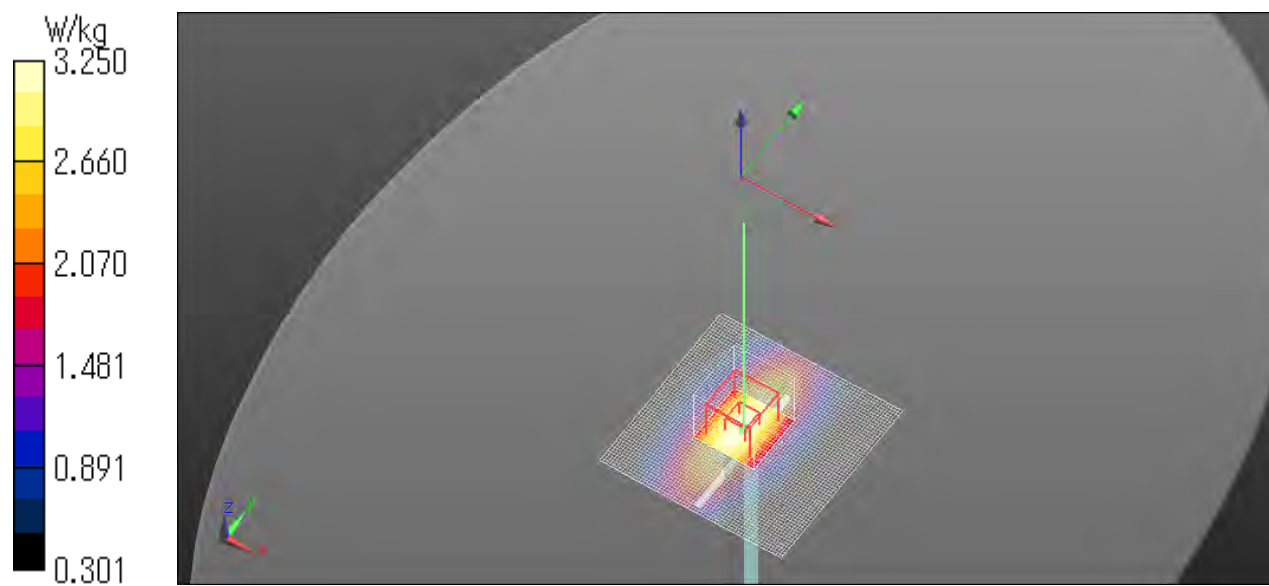
Ratio of SAR at M2 to SAR at M1 =  $67 \%$

Maximum value of SAR (measured) =  $3.25 \text{ W/kg}$

**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) =  $1.34 \text{ W/kg}$

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: DASY5 (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/m<sup>3</sup>  
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

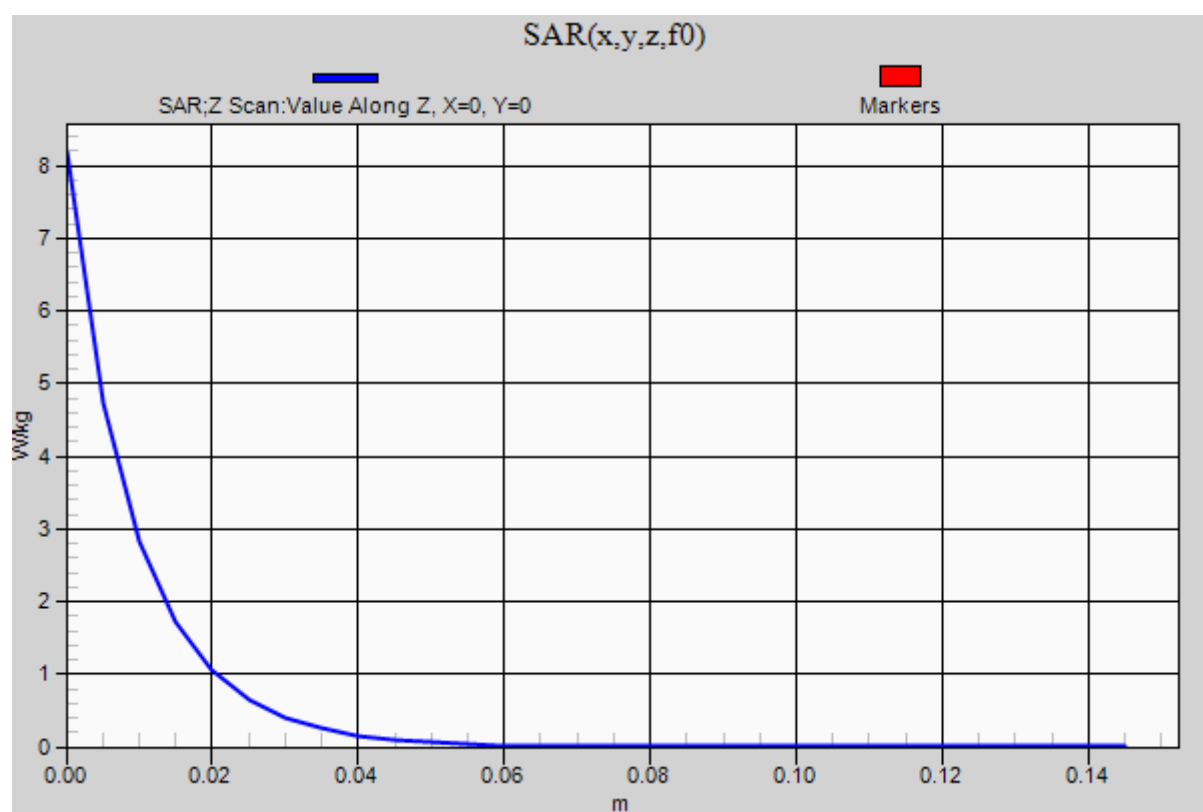
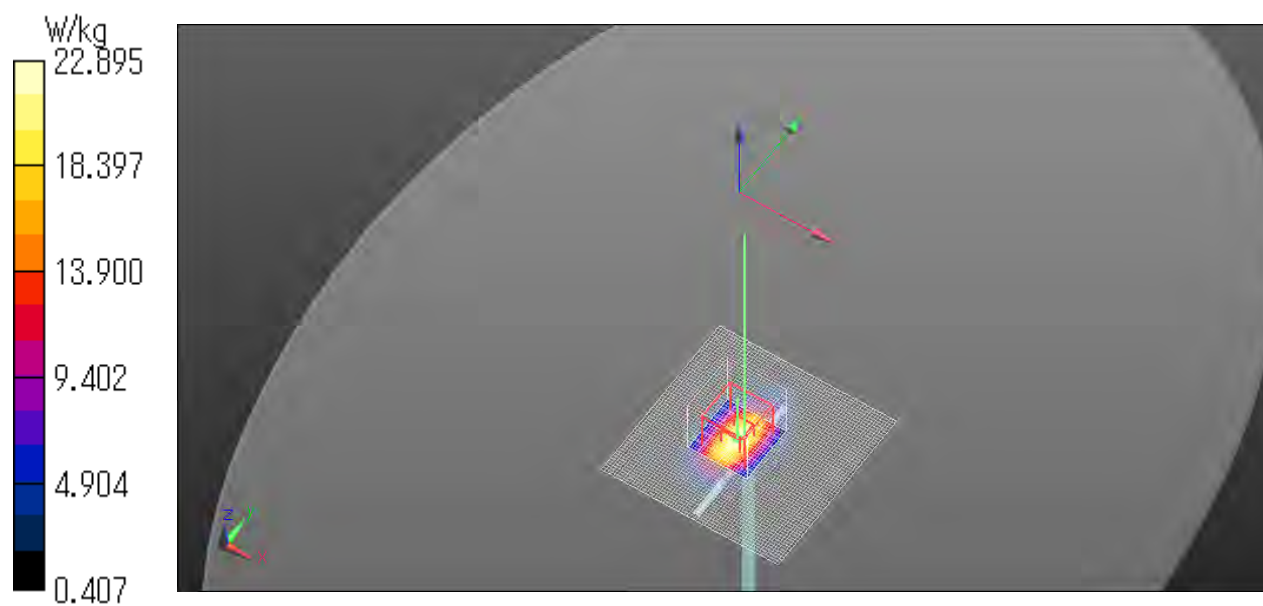
**Software info** DASY52 52.10.4(1535) SEMCAD X 14.6.14(7501)

**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: 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:  $f = 750 \text{ MHz}$ ;  $\sigma = 0.846 \text{ S/m}$ ;  $\epsilon_r = 42.479$ ;  $\rho = 1000 \text{ kg/m}^3$   
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** 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) =  $2.60 \text{ W/kg}$

**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 =  $58.47 \text{ V/m}$ ; Power Drift =  $-0.02 \text{ dB}$

Peak SAR (extrapolated) =  $3.00 \text{ W/kg}$

**SAR(1 g) =  $2 \text{ W/kg}$ ; SAR(10 g) =  $1.33 \text{ W/kg}$**  (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below =  $21.2 \text{ mm}$

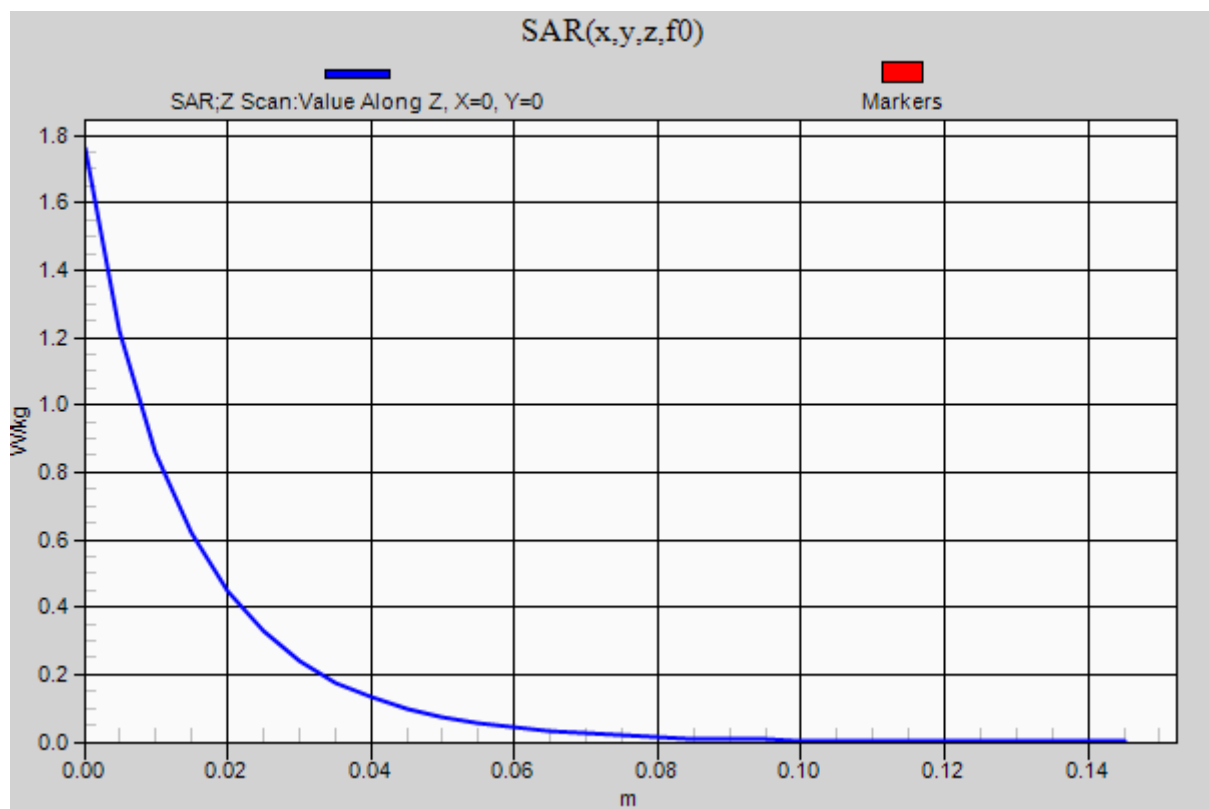
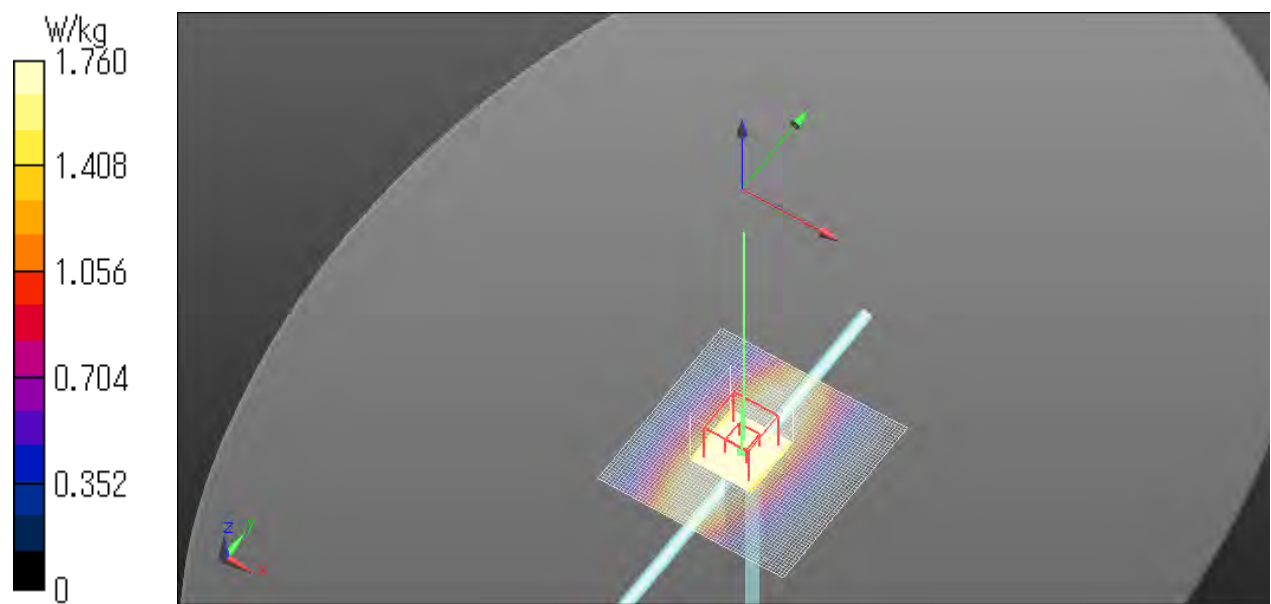
Ratio of SAR at M2 to SAR at M1 =  $66.7 \%$

Maximum value of SAR (measured) =  $2.66 \text{ W/kg}$

**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) =  $1.76 \text{ W/kg}$

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: DASY5 (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/m<sup>3</sup>

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** 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) = 13.3 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

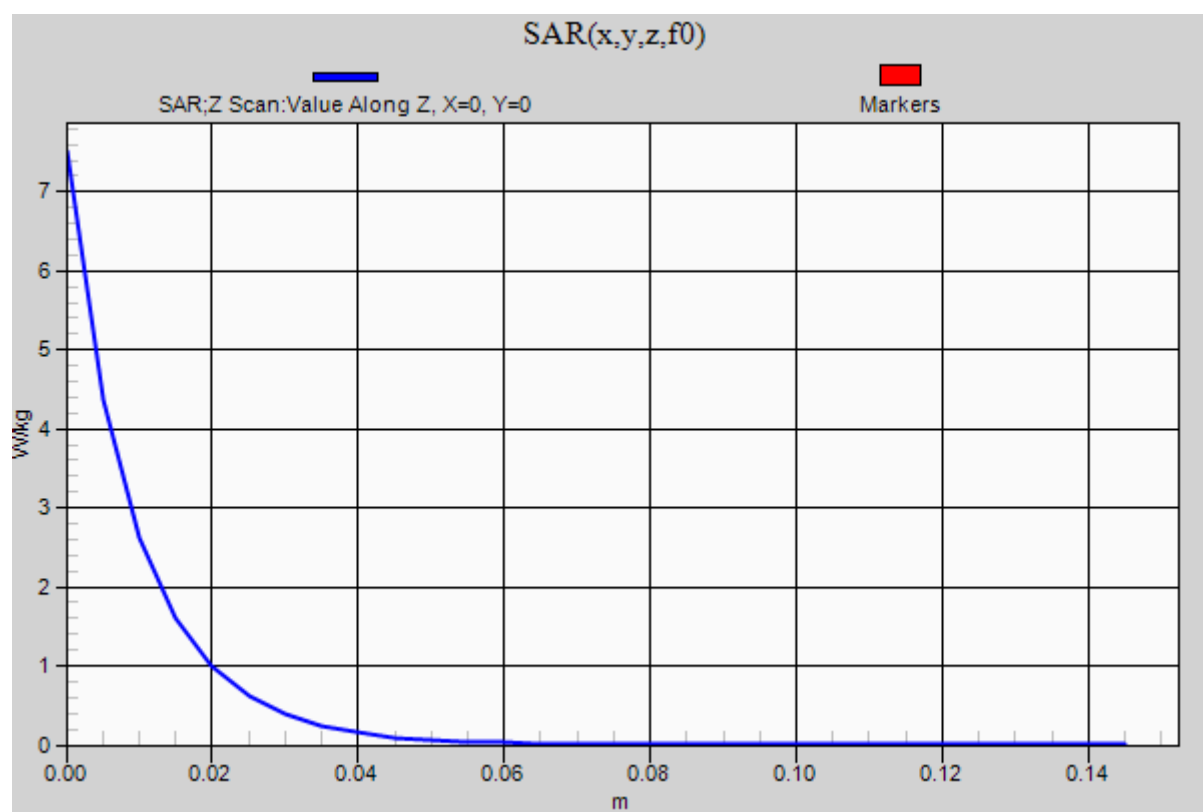
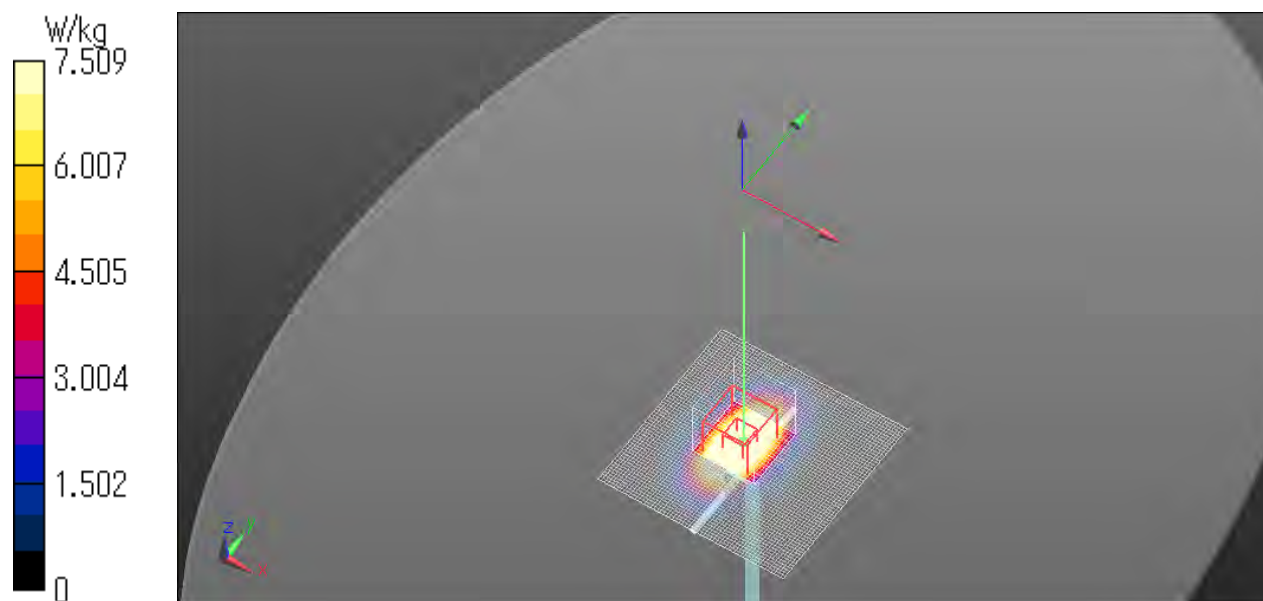
Ratio of SAR at M2 to SAR at M1 = 55.9 %

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:  $f = 750 \text{ MHz}$ ;  $\sigma = 0.862 \text{ S/m}$ ;  $\epsilon_r = 41.792$ ;  $\rho = 1000 \text{ kg/m}^3$   
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:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) =  $2.48 \text{ W/kg}$

**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 =  $56.49 \text{ V/m}$ ; Power Drift =  $0.02 \text{ dB}$

Peak SAR (extrapolated) =  $2.83 \text{ W/kg}$

**SAR(1 g) =  $1.96 \text{ W/kg}$ ; SAR(10 g) =  $1.31 \text{ W/kg}$**

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

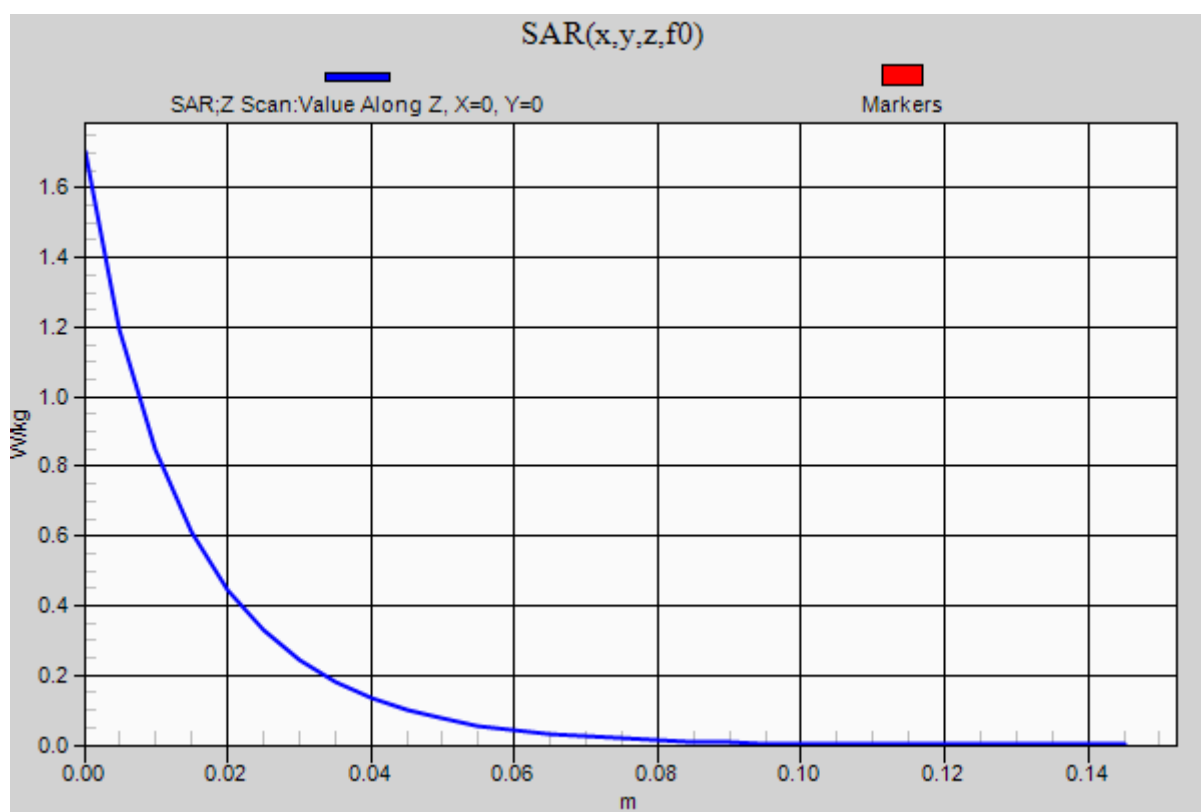
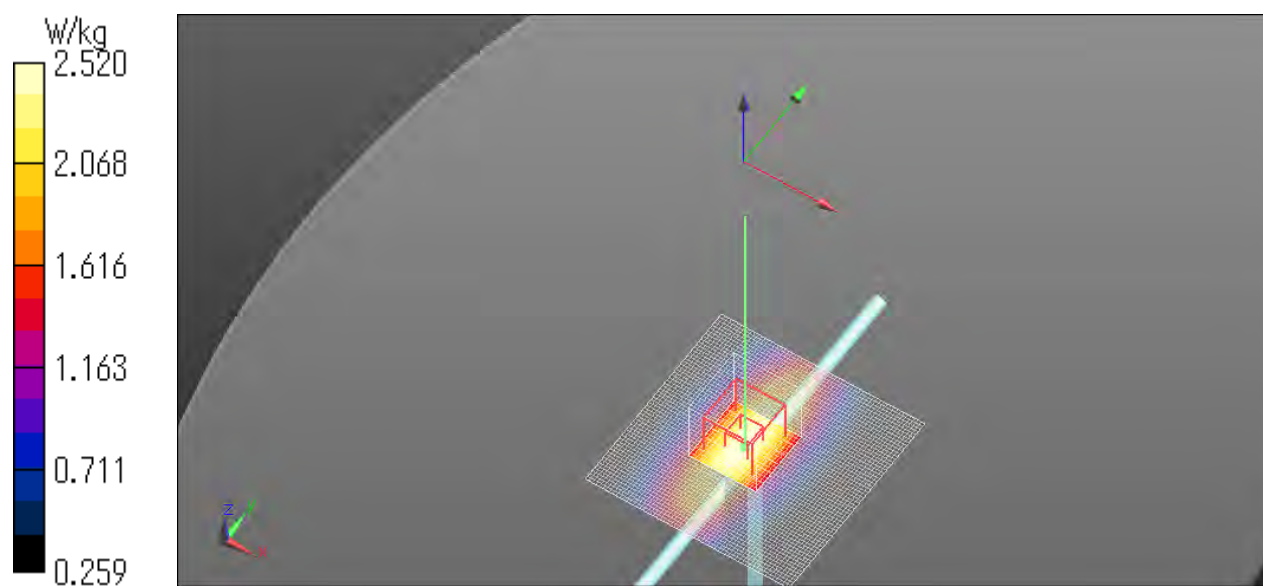
Ratio of SAR at M2 to SAR at M1 =  $67.5 \%$

Maximum value of SAR (measured) =  $2.52 \text{ W/kg}$

**Configuration/250 mW/Z Scan 2 (1x1x29):** Measurement grid:  $dx=20 \text{ mm}$ ,  $dy=20 \text{ mm}$ ,  $dz=5 \text{ mm}$

Maximum value of SAR (interpolated) =  $2.80 \text{ W/kg}$

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: 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:  $f = 835 \text{ MHz}$ ;  $\sigma = 0.883 \text{ S/m}$ ;  $\epsilon_r = 41.267$ ;  $\rho = 1000 \text{ kg/m}^3$   
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** 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) =  $2.90 \text{ W/kg}$

**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 =  $61.00 \text{ V/m}$ ; Power Drift =  $-0.04 \text{ dB}$

Peak SAR (extrapolated) =  $3.34 \text{ W/kg}$

**SAR(1 g) =  $2.26 \text{ W/kg}$ ; SAR(10 g) =  $1.48 \text{ W/kg}$**  (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below =  $17.1 \text{ mm}$

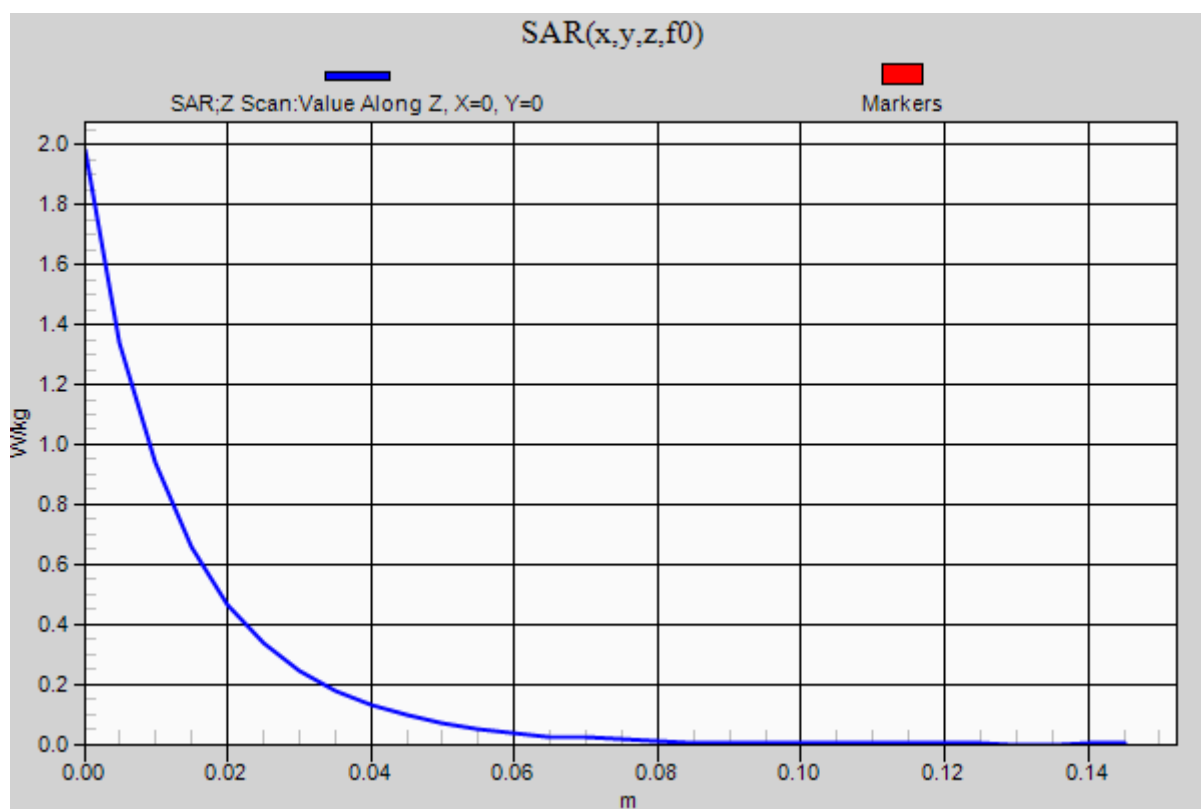
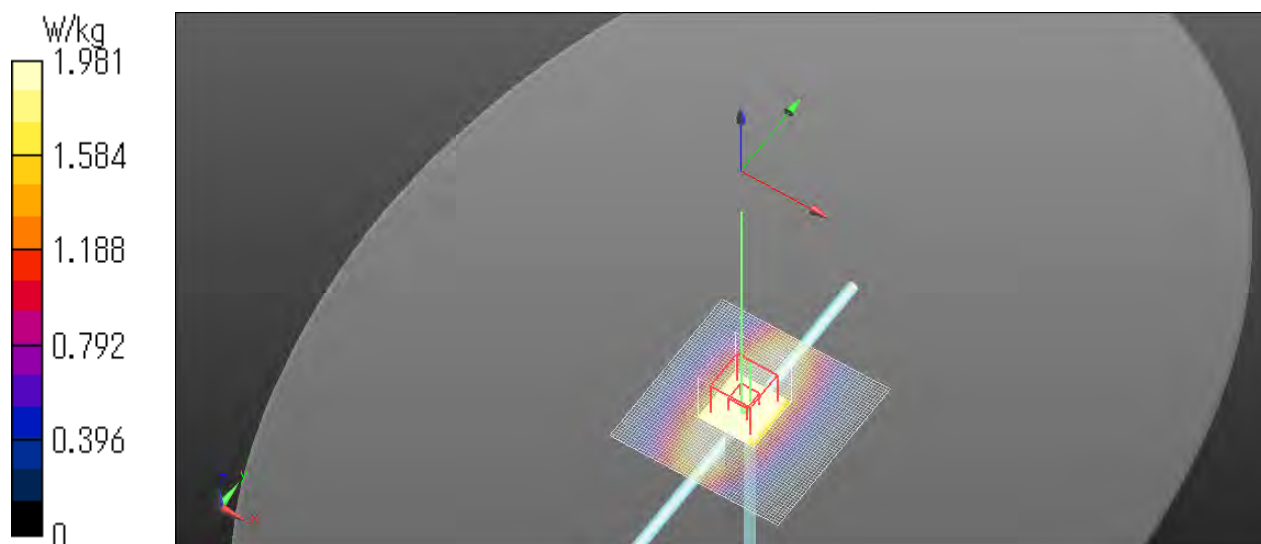
Ratio of SAR at M2 to SAR at M1 =  $66.3 \%$

Maximum value of SAR (measured) =  $2.97 \text{ W/kg}$

**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) =  $1.98 \text{ W/kg}$

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: DASY5 (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/m<sup>3</sup>  
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 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

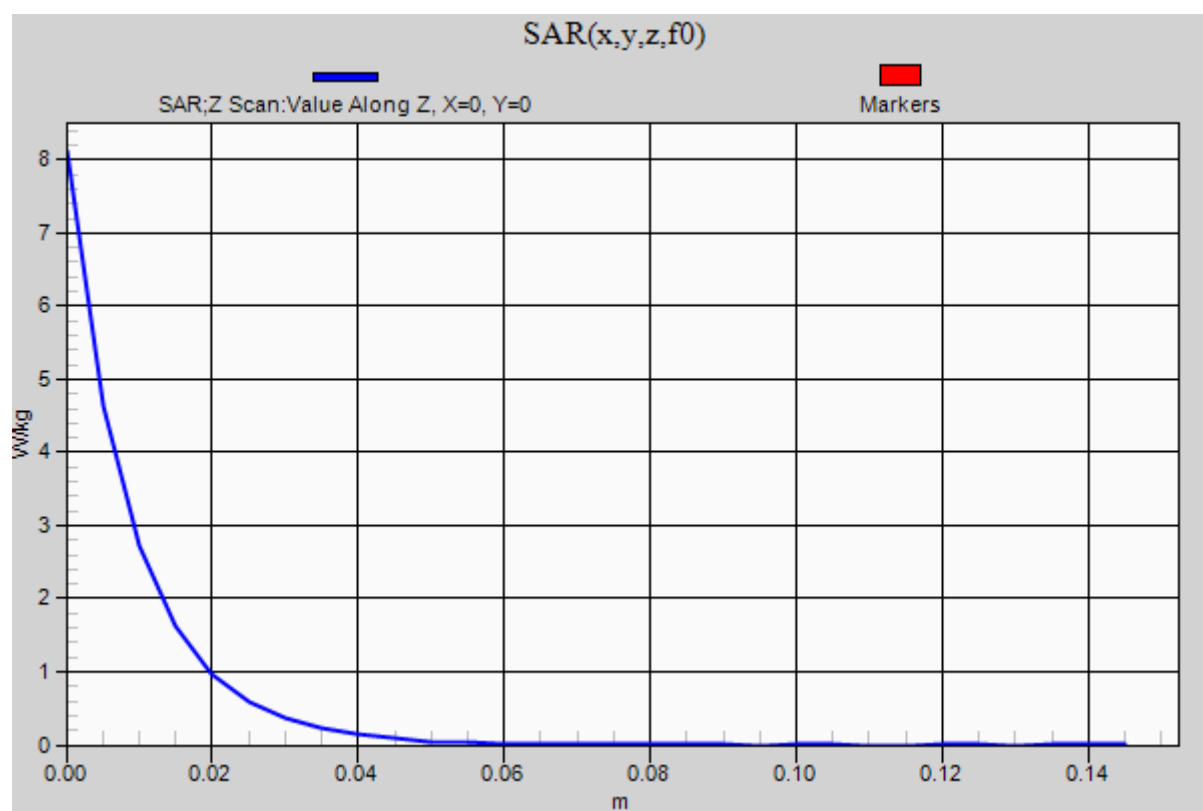
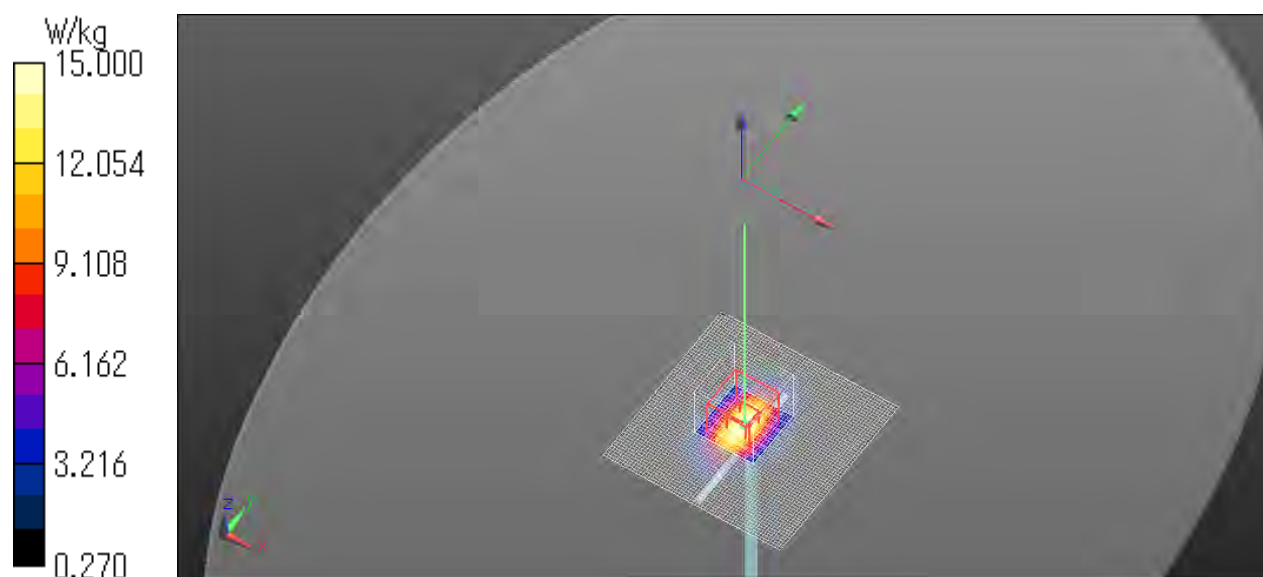
Ratio of SAR at M2 to SAR at M1 = 54 %

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: 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:  $f = 750 \text{ MHz}$ ;  $\sigma = 0.924 \text{ S/m}$ ;  $\epsilon_r = 40.884$ ;  $\rho = 1000 \text{ kg/m}^3$   
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 52.10.4(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) =  $2.89 \text{ W/kg}$

**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 =  $59.72 \text{ V/m}$ ; Power Drift =  $-0.05 \text{ dB}$

Peak SAR (extrapolated) =  $3.36 \text{ W/kg}$

**SAR(1 g) =  $2.24 \text{ W/kg}$ ; SAR(10 g) =  $1.47 \text{ W/kg}$**

Smallest distance from peaks to all points 3 dB below =  $23.4 \text{ mm}$

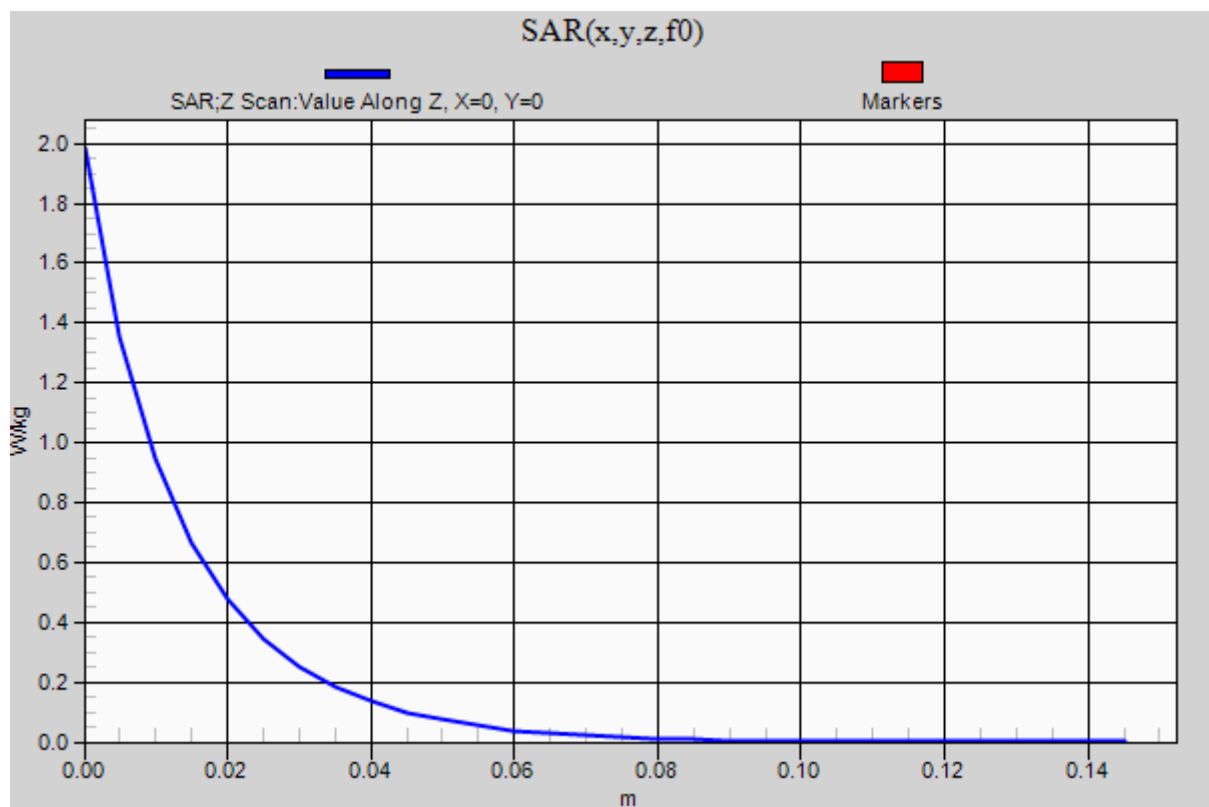
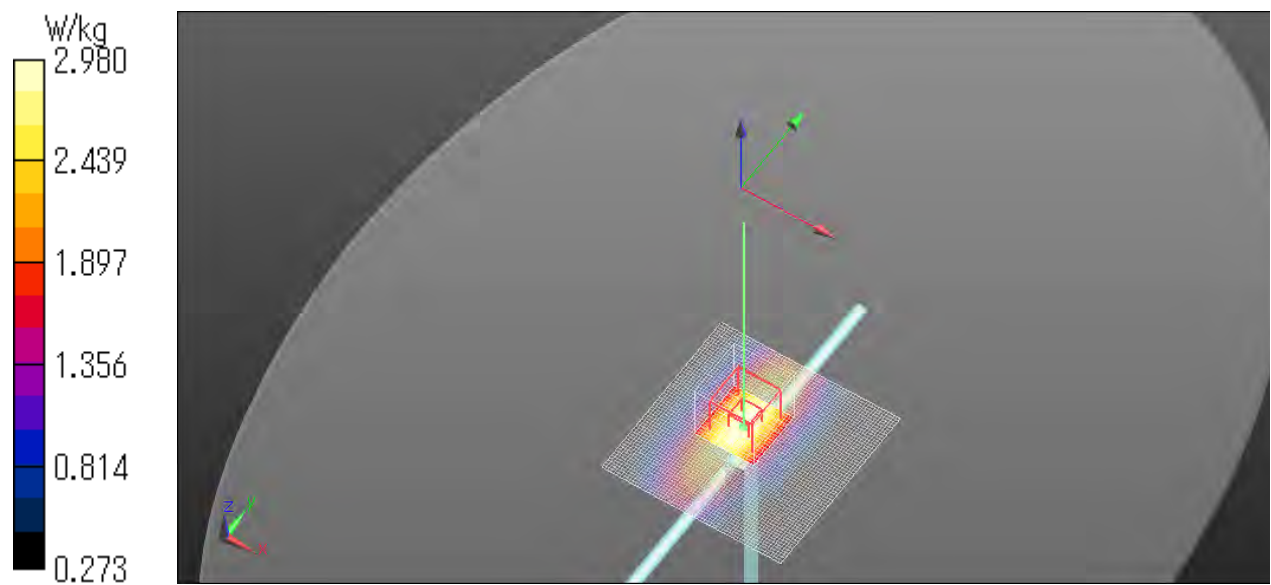
Ratio of SAR at M2 to SAR at M1 =  $66.5 \%$

Maximum value of SAR (measured) =  $2.98 \text{ W/kg}$

**Configuration/250 mW 2/Z Scan 2 (1x1x29):** Measurement grid:  $dx=20 \text{ mm}$ ,  $dy=20 \text{ mm}$ ,  $dz=5 \text{ mm}$

Maximum value of SAR (interpolated) =  $3.30 \text{ W/kg}$

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: 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;  $\sigma = 1.356$  S/m;  $\epsilon_r = 38.913$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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 52.10.4(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

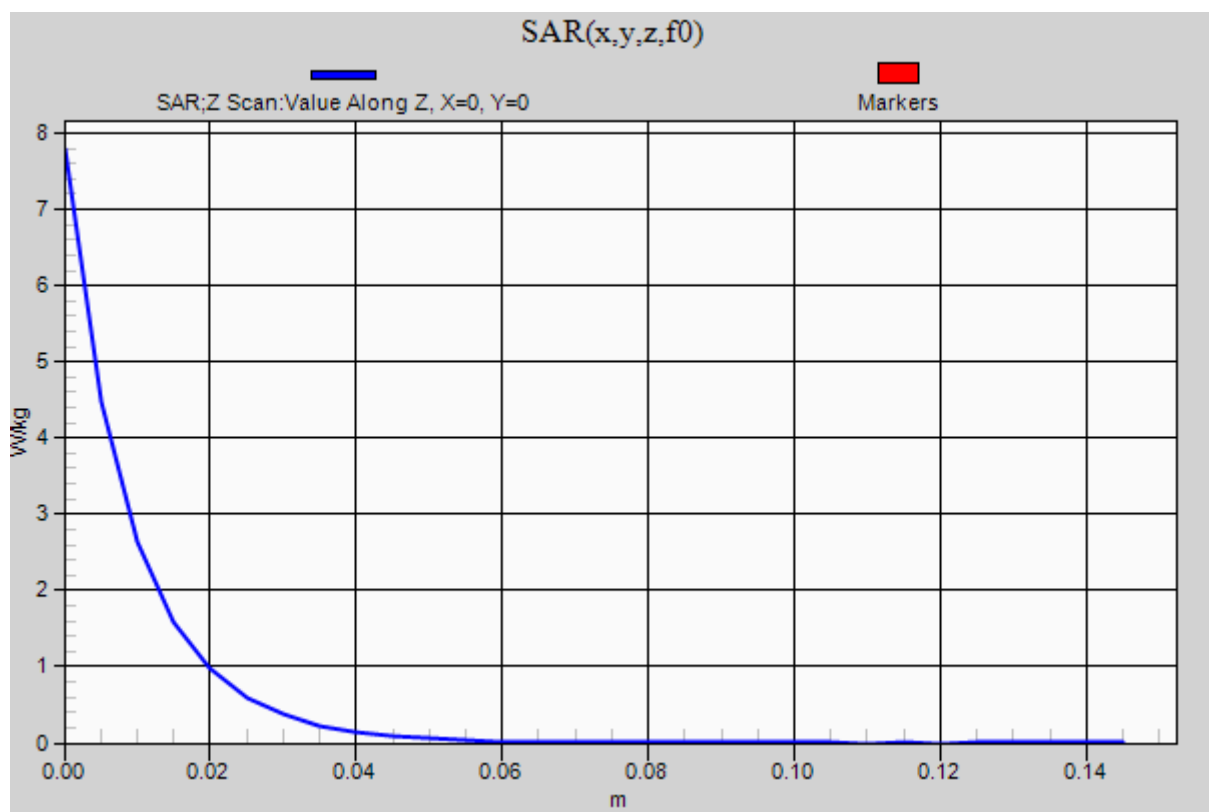
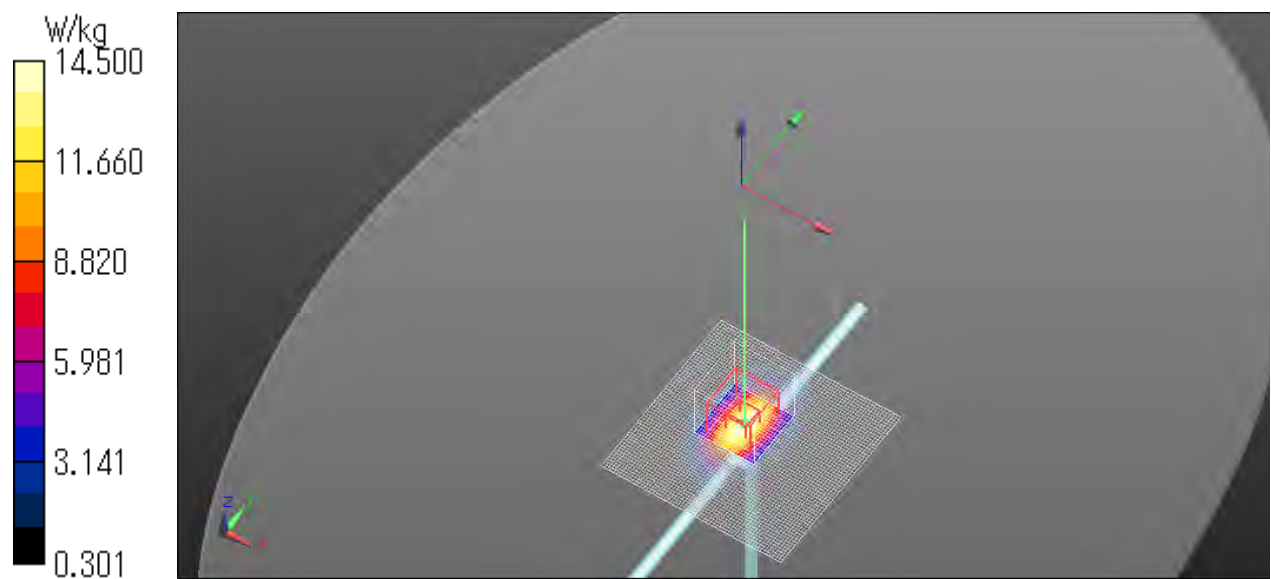
Ratio of SAR at M2 to SAR at M1 = 53.3 %

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: 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:  $f = 750 \text{ MHz}$ ;  $\sigma = 0.88 \text{ S/m}$ ;  $\epsilon_r = 41.249$ ;  $\rho = 1000 \text{ kg/m}^3$   
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:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) =  $2.82 \text{ W/kg}$

**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 =  $59.10 \text{ V/m}$ ; Power Drift =  $0.06 \text{ dB}$

Peak SAR (extrapolated) =  $3.21 \text{ W/kg}$

**SAR(1 g) =  $2.15 \text{ W/kg}$ ; SAR(10 g) =  $1.43 \text{ W/kg}$**

Smallest distance from peaks to all points 3 dB below =  $23.3 \text{ mm}$

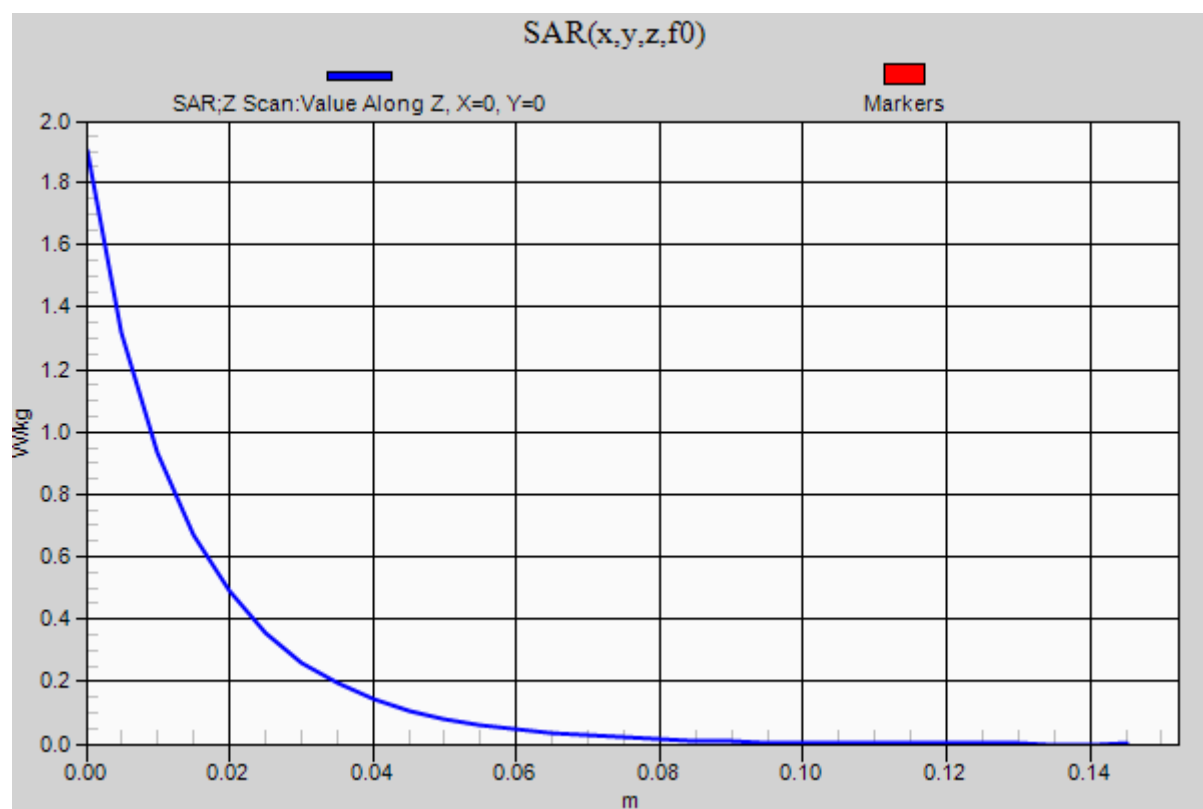
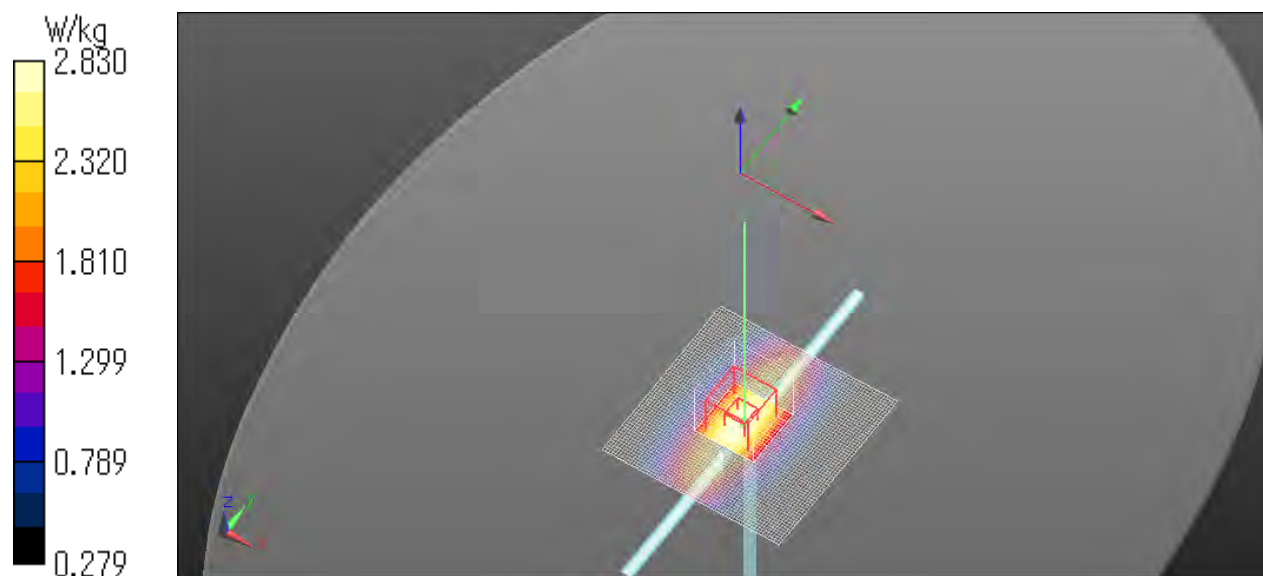
Ratio of SAR at M2 to SAR at M1 =  $66.7 \%$

Maximum value of SAR (measured) =  $2.83 \text{ W/kg}$

**Configuration/250 mW/Z Scan 2 (1x1x29):** Measurement grid:  $dx=20 \text{ mm}$ ,  $dy=20 \text{ mm}$ ,  $dz=5 \text{ mm}$

Maximum value of SAR (measured) =  $1.90 \text{ W/kg}$

Note: Liquid temp. is kept within the  $2 \text{ degree.C.}$  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:  $f = 835 \text{ MHz}$ ;  $\sigma = 0.915 \text{ S/m}$ ;  $\epsilon_r = 41.061$ ;  $\rho = 1000 \text{ kg/m}^3$   
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:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) =  $3.29 \text{ W/kg}$

**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 =  $62.66 \text{ V/m}$ ; Power Drift =  $0.00 \text{ dB}$

Peak SAR (extrapolated) =  $3.74 \text{ W/kg}$

**SAR(1 g) =  $2.47 \text{ W/kg}$ ; SAR(10 g) =  $1.61 \text{ W/kg}$**

Smallest distance from peaks to all points 3 dB below =  $18.9 \text{ mm}$

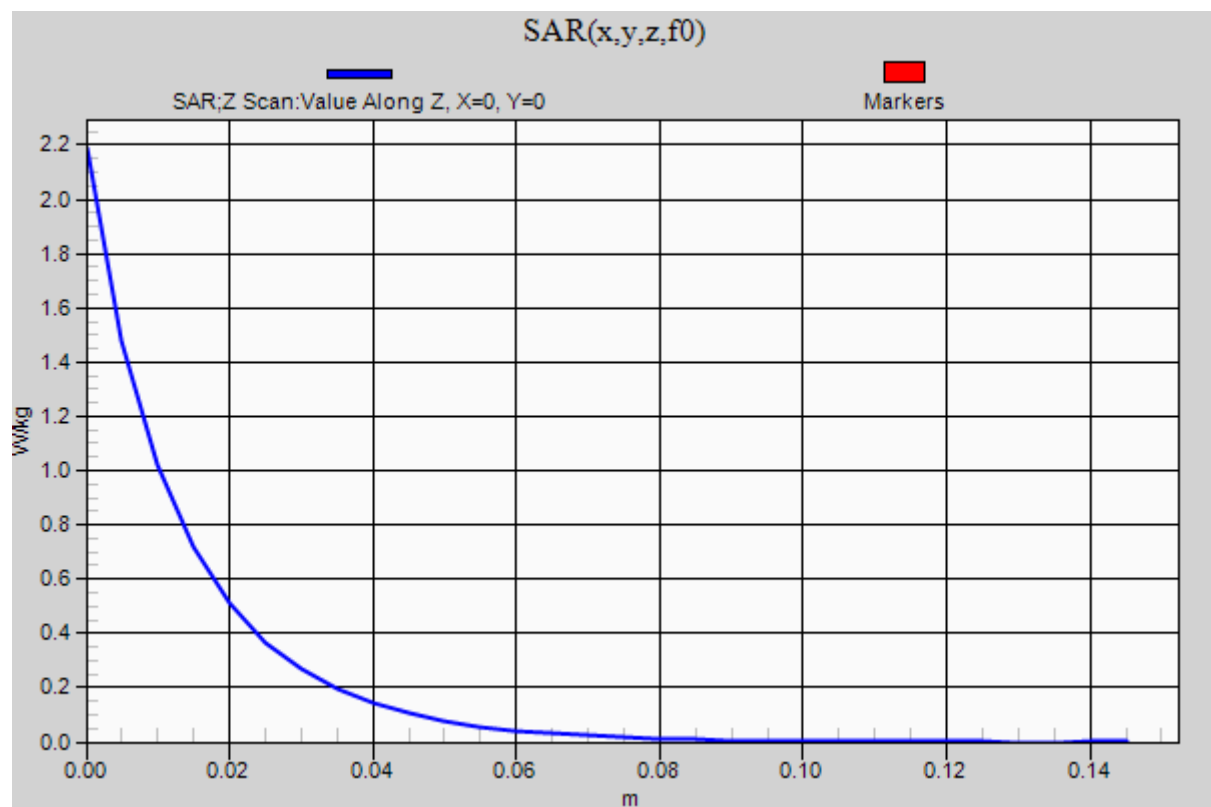
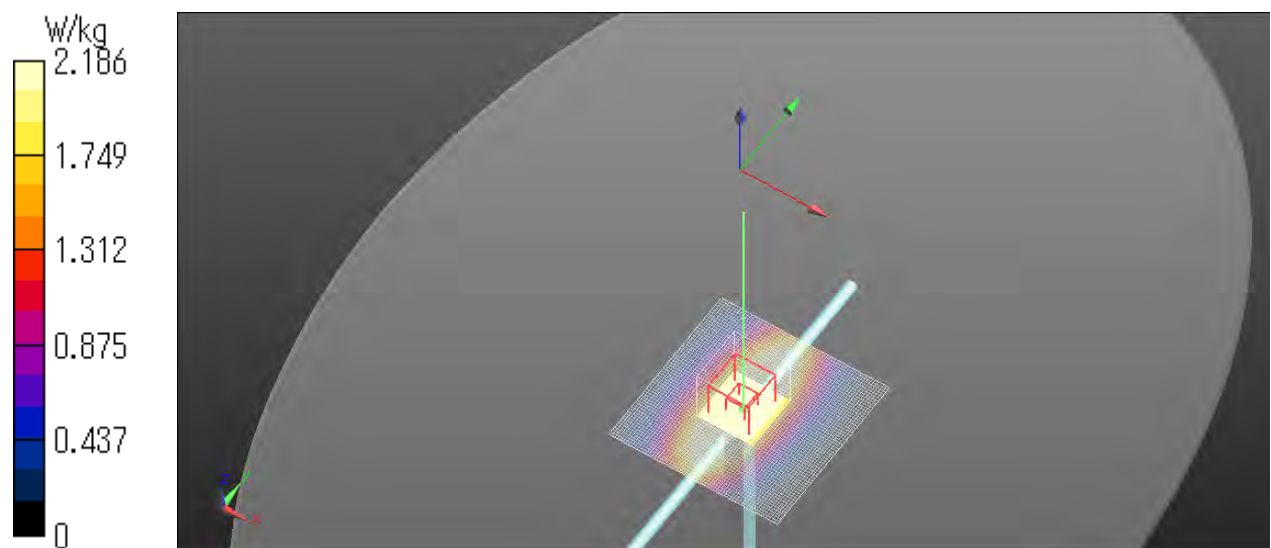
Ratio of SAR at M2 to SAR at M1 =  $65.9 \%$

Maximum value of SAR (measured) =  $3.30 \text{ W/kg}$

**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) =  $2.19 \text{ W/kg}$

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: 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;  $\epsilon_r = 39.066$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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 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

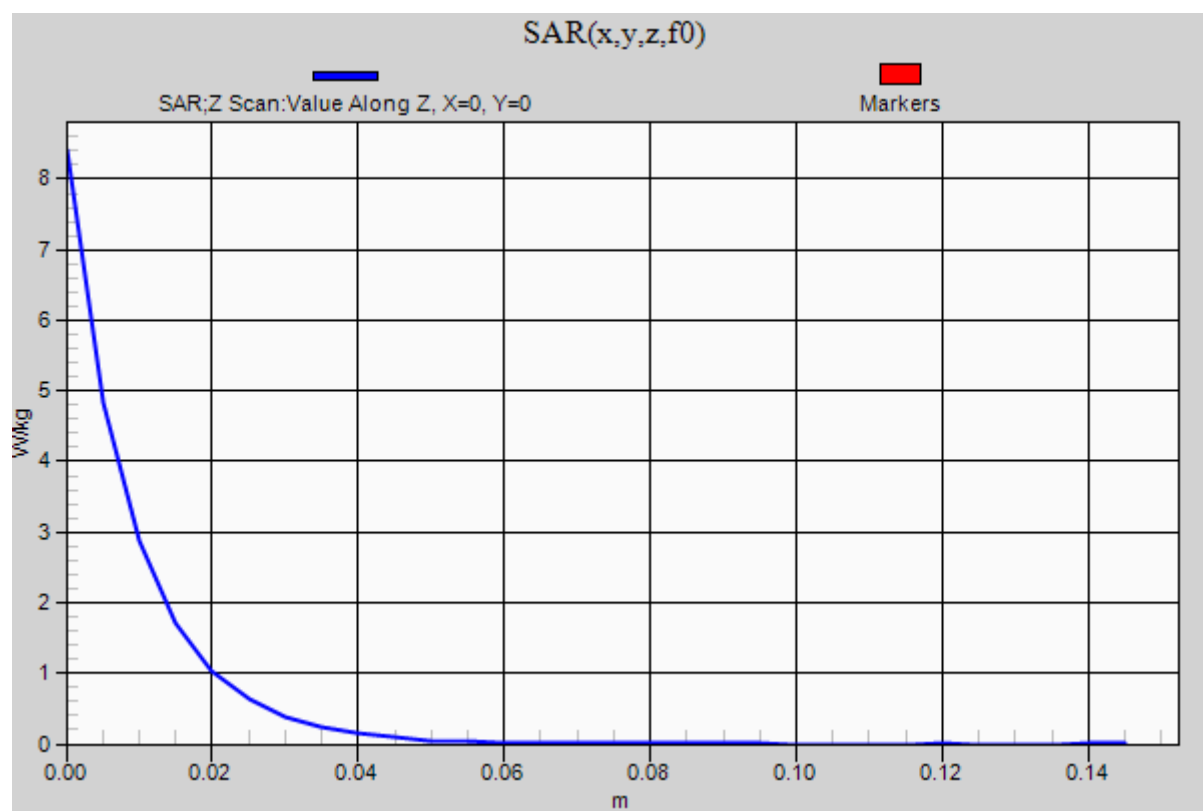
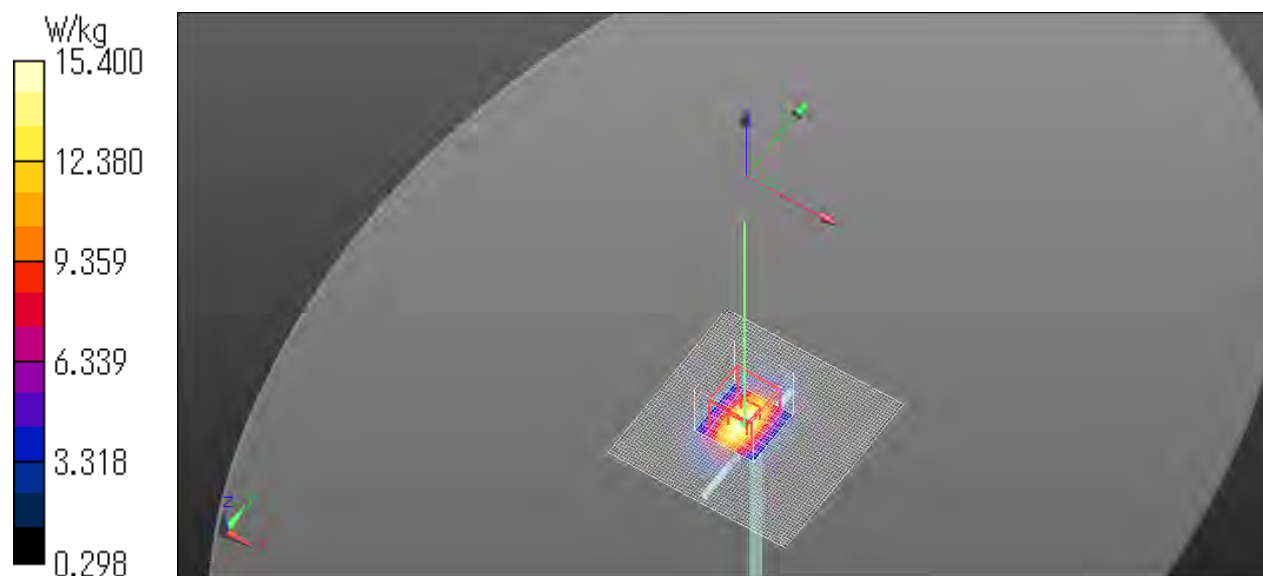
Ratio of SAR at M2 to SAR at M1 = 54.4 %

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: 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:  $f = 750 \text{ MHz}$ ;  $\sigma = 0.856 \text{ S/m}$ ;  $\epsilon_r = 40.775$ ;  $\rho = 1000 \text{ kg/m}^3$   
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/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid:  $dx=5 \text{ mm}$ ,  $dy=5 \text{ mm}$ ,  $dz=5 \text{ mm}$

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

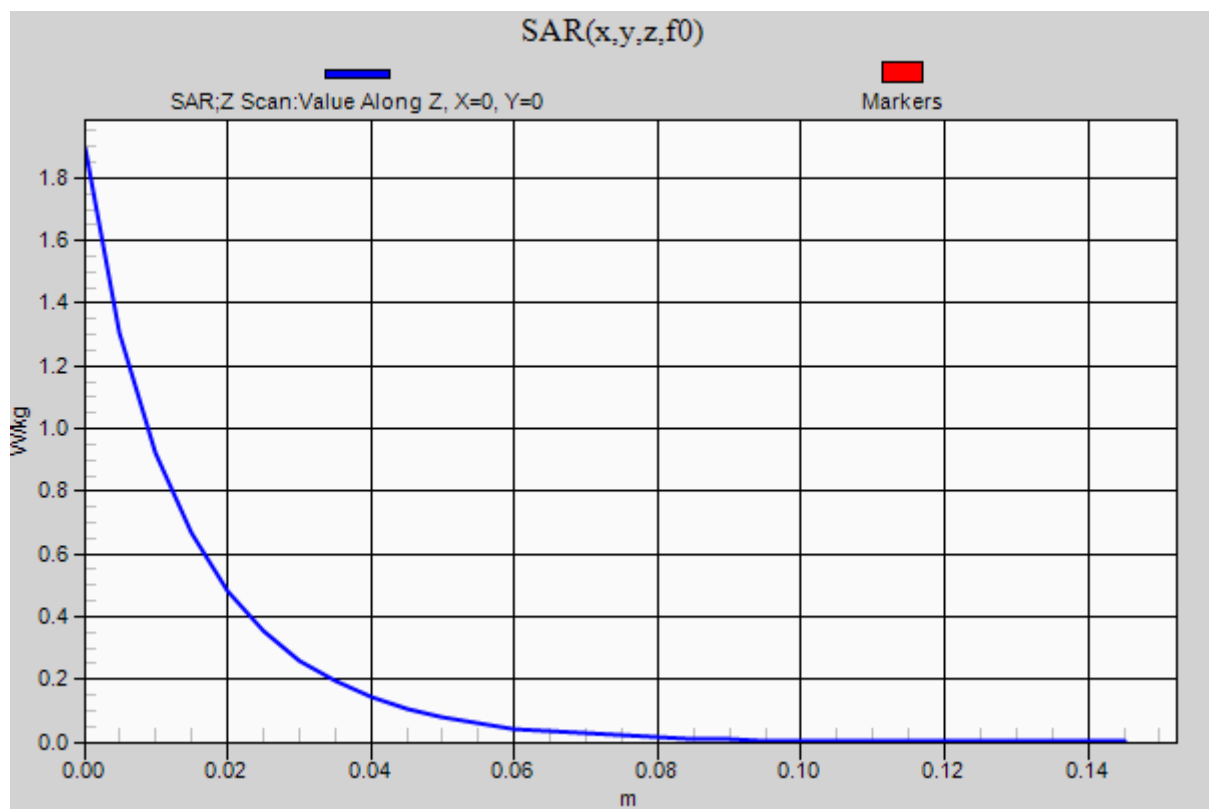
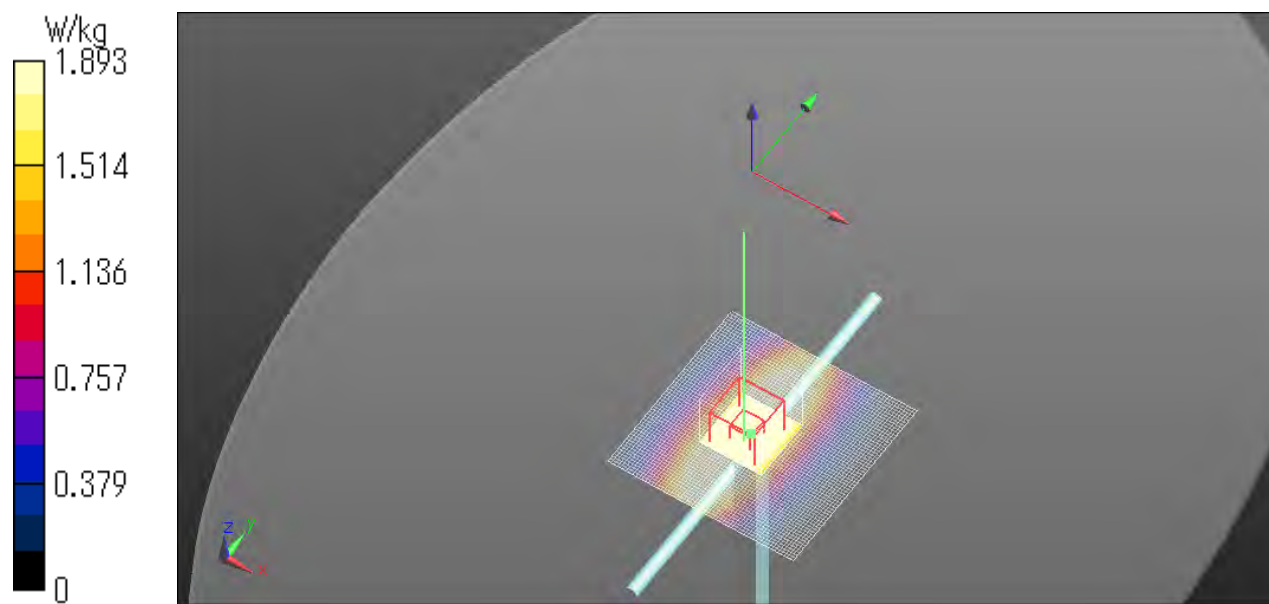
**Configuration/250 mW/Area Scan (61x61x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 2.77 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) = 1.89 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:  $f = 835 \text{ MHz}$ ;  $\sigma = 0.884 \text{ S/m}$ ;  $\epsilon_r = 40.504$ ;  $\rho = 1000 \text{ kg/m}^3$   
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 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:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) =  $3.14 \text{ W/kg}$

**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 =  $62.22 \text{ V/m}$ ; Power Drift =  $-0.07 \text{ dB}$

Peak SAR (extrapolated) =  $3.54 \text{ W/kg}$

**SAR(1 g) =  $2.3 \text{ W/kg}$ ; SAR(10 g) =  $1.5 \text{ W/kg}$**

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

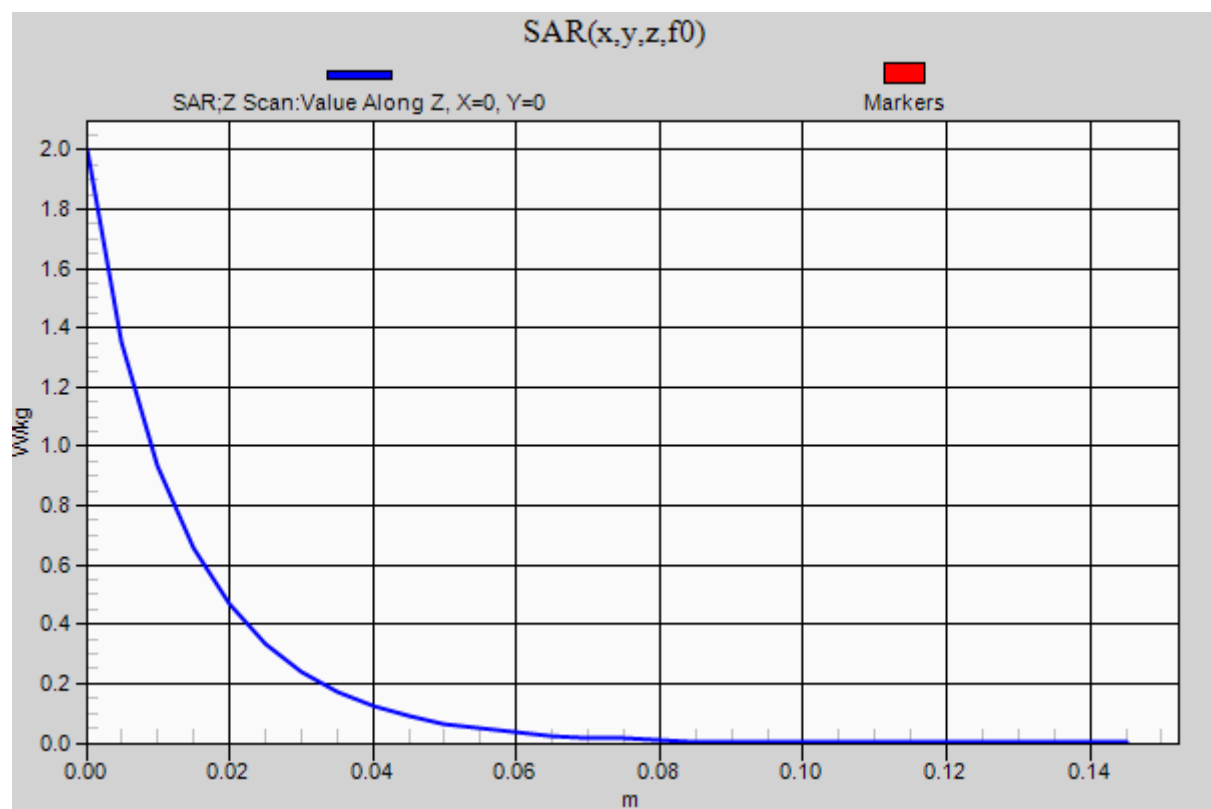
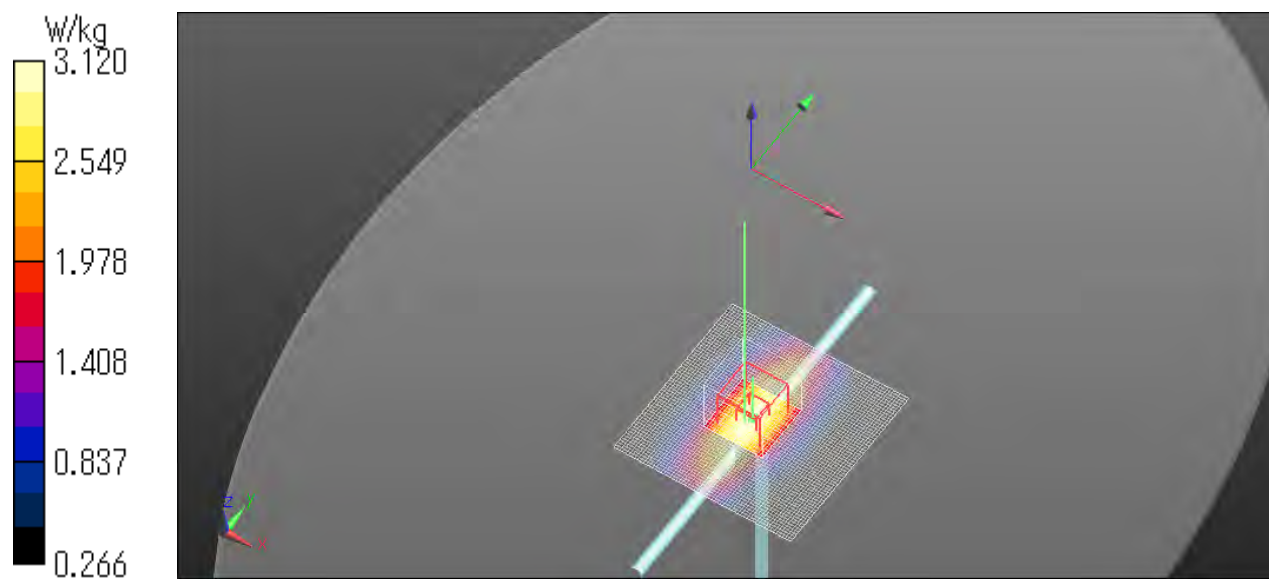
Ratio of SAR at M2 to SAR at M1 =  $65 \%$

Maximum value of SAR (measured) =  $3.12 \text{ W/kg}$

**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) =  $2.00 \text{ W/kg}$

Note: Liquid temp. is kept within the  $2 \text{ degree.C.}$  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: 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;  $\sigma = 1.372$  S/m;  $\epsilon_r = 38.663$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
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 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**

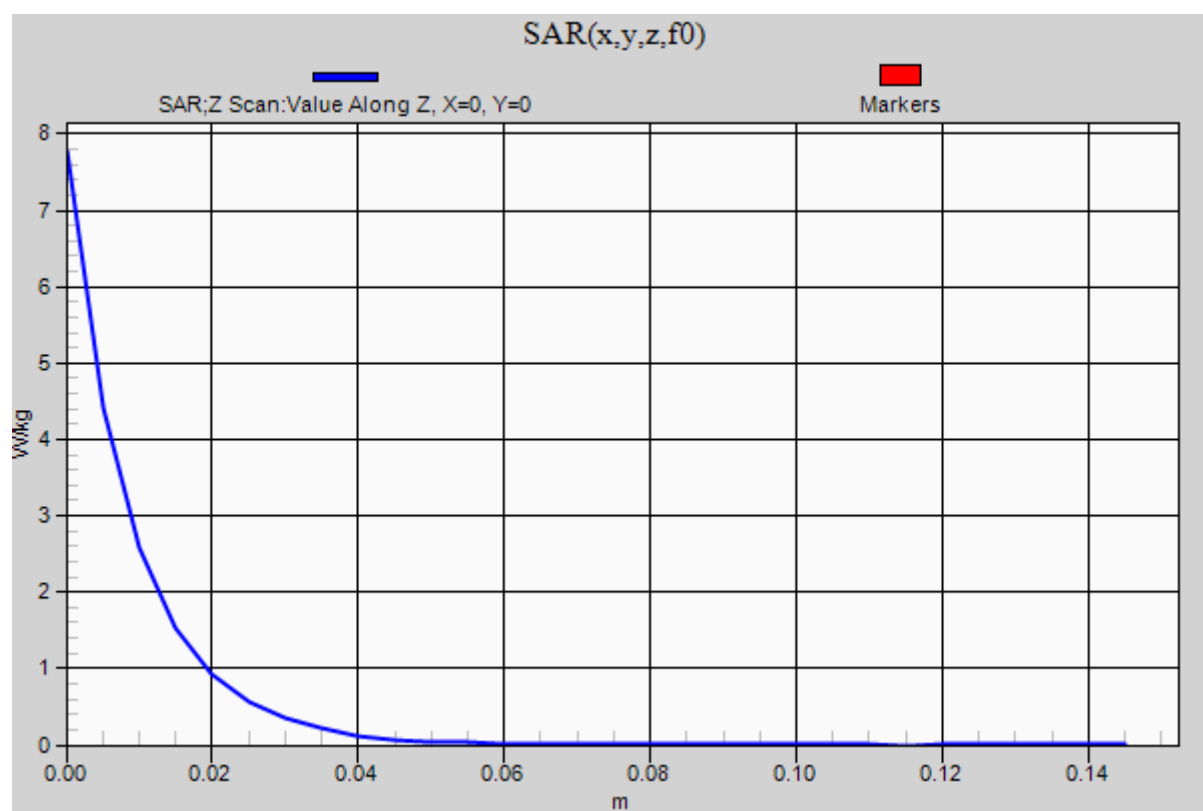
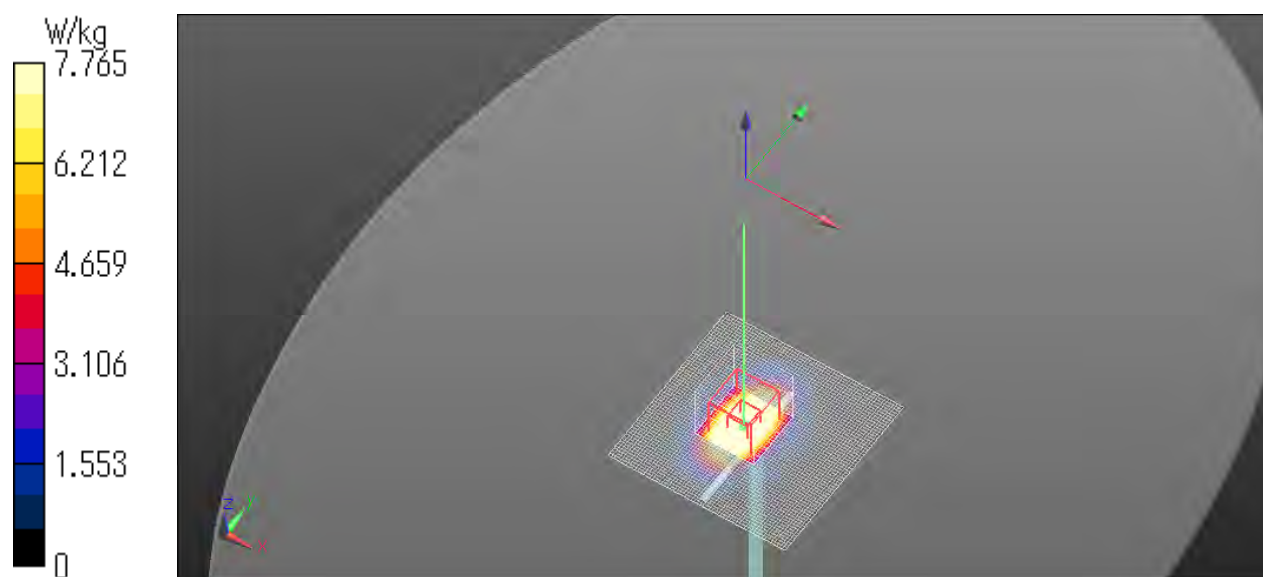
Smallest distance from peaks to all points 3 dB below = 10 mm

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: 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:  $f = 750 \text{ MHz}$ ;  $\sigma = 0.914 \text{ S/m}$ ;  $\epsilon_r = 40.579$ ;  $\rho = 1000 \text{ kg/m}^3$

Sensor-Surface: 1.4 mm (Mechanical Surface Detection)

**DAE info:**

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

**Phantom info:**

Phantom: ELI v5.0 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) =  $2.88 \text{ W/kg}$

**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 =  $59.78 \text{ V/m}$ ; Power Drift =  $-0.04 \text{ dB}$

Peak SAR (extrapolated) =  $3.33 \text{ W/kg}$

**SAR(1 g) =  $2.22 \text{ W/kg}$ ; SAR(10 g) =  $1.46 \text{ W/kg}$**

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

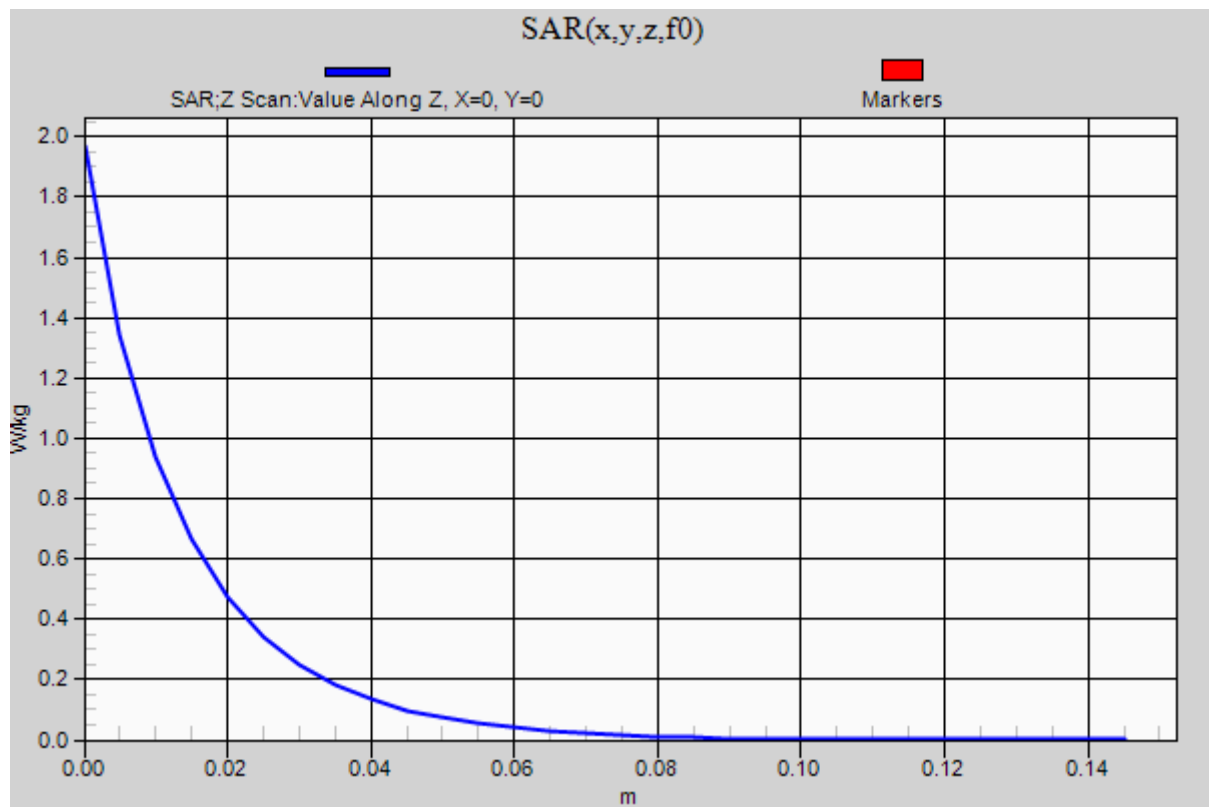
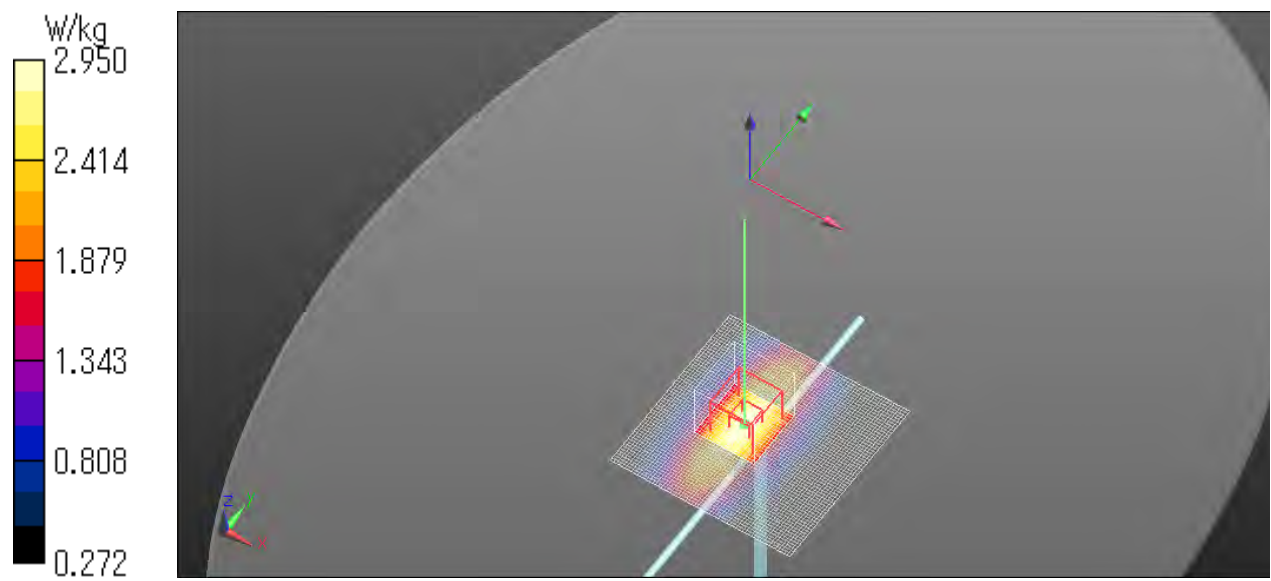
Ratio of SAR at M2 to SAR at M1 =  $66.5 \%$

Maximum value of SAR (measured) =  $2.95 \text{ W/kg}$

**Configuration/250 mW/Z Scan 2 (1x1x29):** Measurement grid:  $dx=20 \text{ mm}$ ,  $dy=20 \text{ mm}$ ,  $dz=5 \text{ mm}$

Maximum value of SAR (measured) =  $1.97 \text{ W/kg}$

Note: Liquid temp. is kept within the  $2 \text{ degree.C.}$  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: 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:  $f = 835 \text{ MHz}$ ;  $\sigma = 0.955 \text{ S/m}$ ;  $\epsilon_r = 40.207$ ;  $\rho = 1000 \text{ kg/m}^3$   
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 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) =  $3.60 \text{ W/kg}$

**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 =  $64.04 \text{ V/m}$ ; Power Drift =  $-0.07 \text{ dB}$

Peak SAR (extrapolated) =  $4.24 \text{ W/kg}$

**SAR(1 g) =  $2.67 \text{ W/kg}$ ; SAR(10 g) =  $1.72 \text{ W/kg}$**  (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below =  $20.5 \text{ mm}$

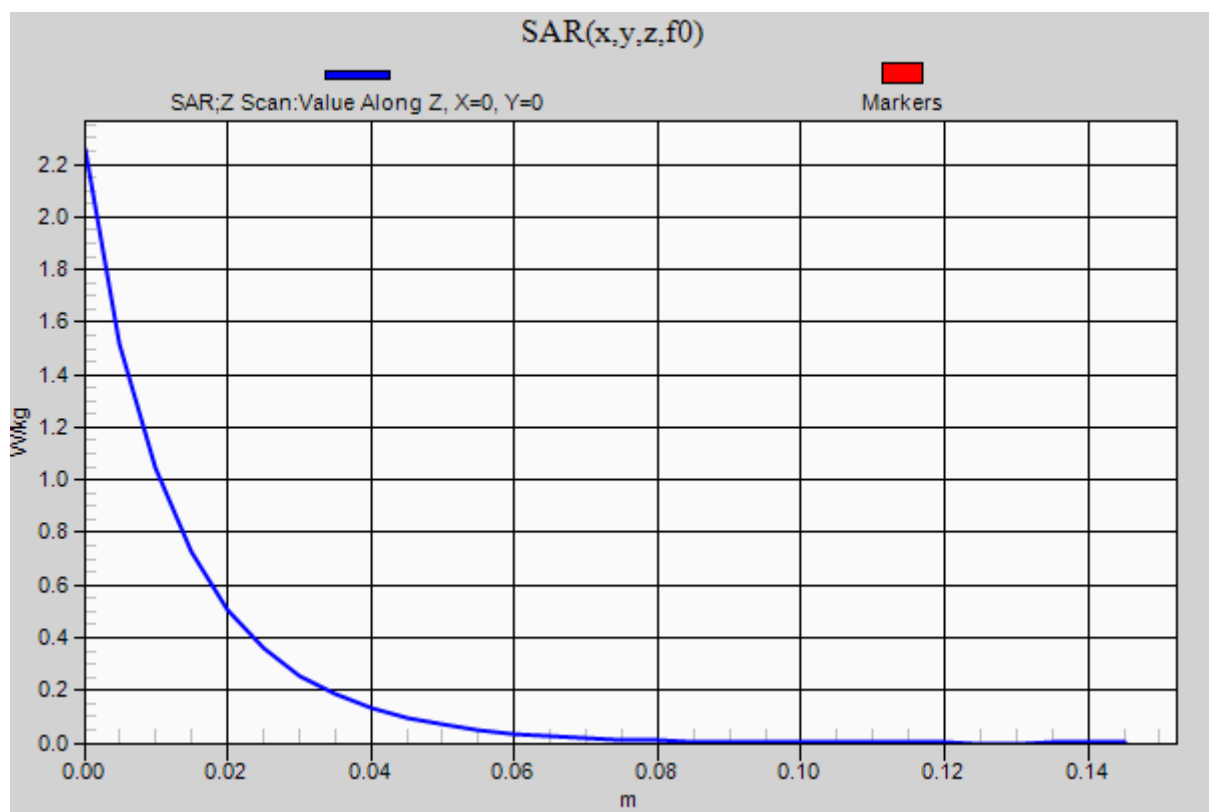
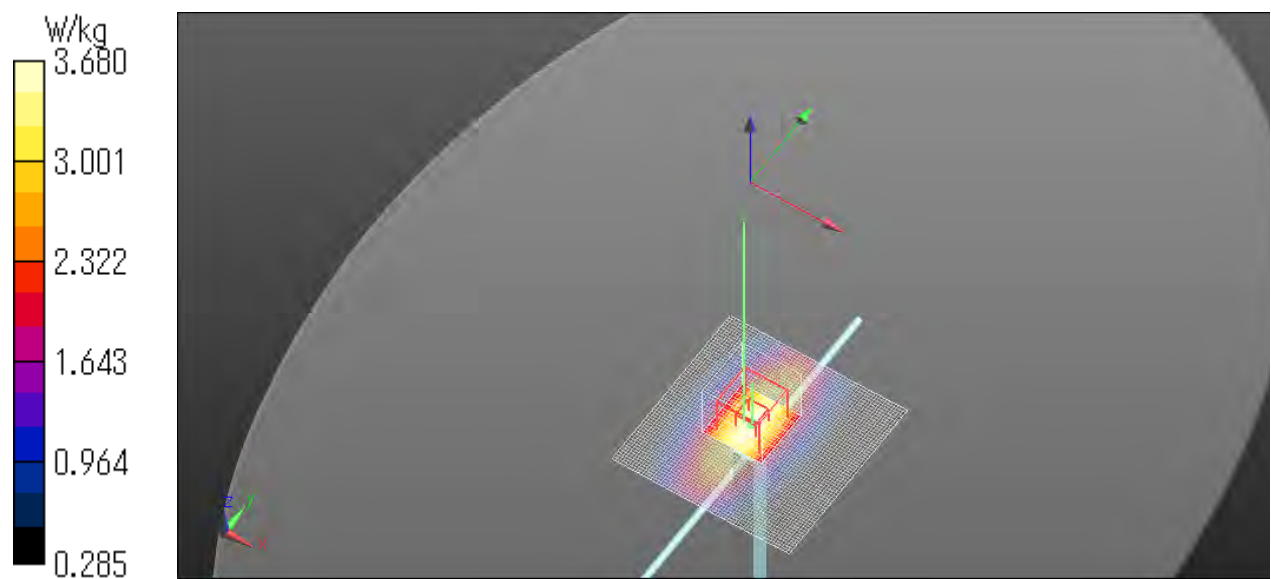
Ratio of SAR at M2 to SAR at M1 =  $63 \%$

Maximum value of SAR (measured) =  $3.68 \text{ W/kg}$

**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) =  $2.26 \text{ W/kg}$

Note: Liquid temp. is kept within the  $2 \text{ degree.C.}$  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: 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:  $f = 750 \text{ MHz}$ ;  $\sigma = 0.901 \text{ S/m}$ ;  $\epsilon_r = 41.16$ ;  $\rho = 1000 \text{ kg/m}^3$   
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:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) =  $2.60 \text{ W/kg}$

**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 =  $56.93 \text{ V/m}$ ; Power Drift =  $0.03 \text{ dB}$

Peak SAR (extrapolated) =  $3.04 \text{ W/kg}$

**SAR(1 g) =  $1.96 \text{ W/kg}$ ; SAR(10 g) =  $1.27 \text{ W/kg}$**

Smallest distance from peaks to all points 3 dB below =  $19.4 \text{ mm}$

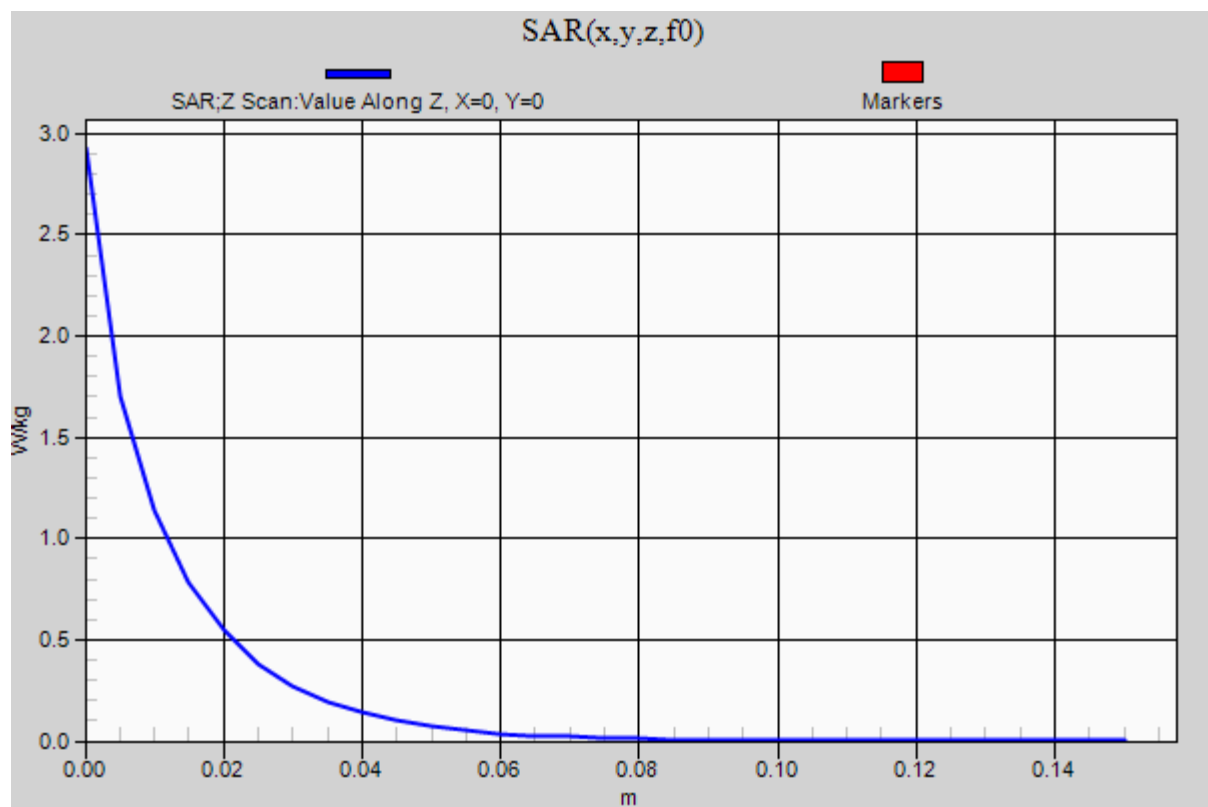
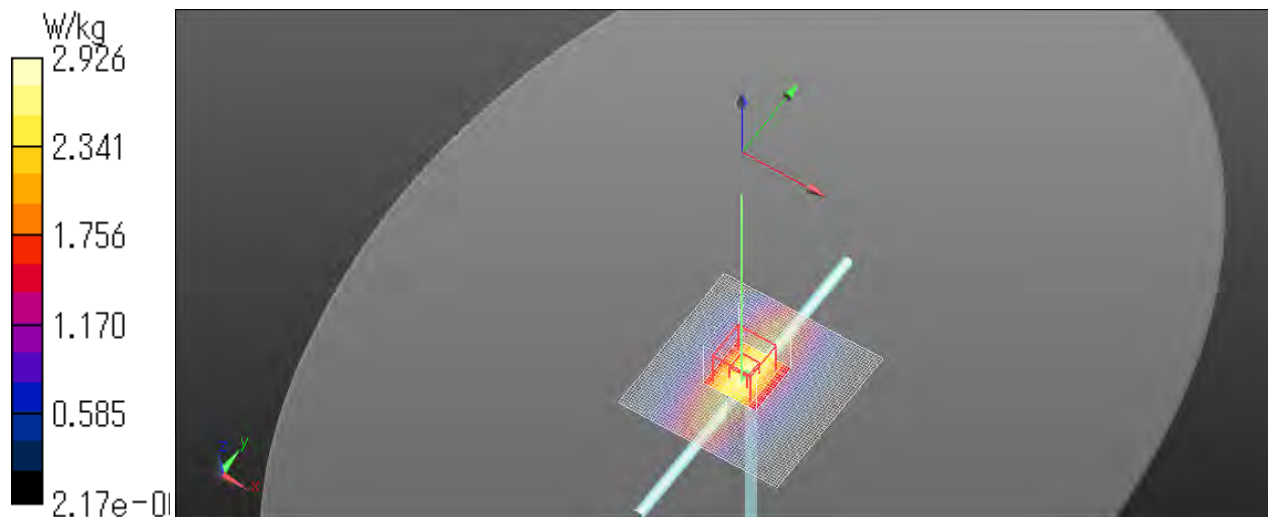
Ratio of SAR at M2 to SAR at M1 =  $64 \%$

Maximum value of SAR (measured) =  $2.65 \text{ W/kg}$

**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) =  $2.93 \text{ W/kg}$

Note: Liquid temp. is kept within the  $2 \text{ degree.C.}$  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:  $f = 835 \text{ MHz}$ ;  $\sigma = 0.92 \text{ S/m}$ ;  $\epsilon_r = 41.127$ ;  $\rho = 1000 \text{ kg/m}^3$   
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:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) =  $2.96 \text{ W/kg}$

**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 =  $60.00 \text{ V/m}$ ; Power Drift =  $-0.04 \text{ dB}$

Peak SAR (extrapolated) =  $3.35 \text{ W/kg}$

**SAR(1 g) =  $2.24 \text{ W/kg}$ ; SAR(10 g) =  $1.47 \text{ W/kg}$**

Smallest distance from peaks to all points 3 dB below =  $17.5 \text{ mm}$

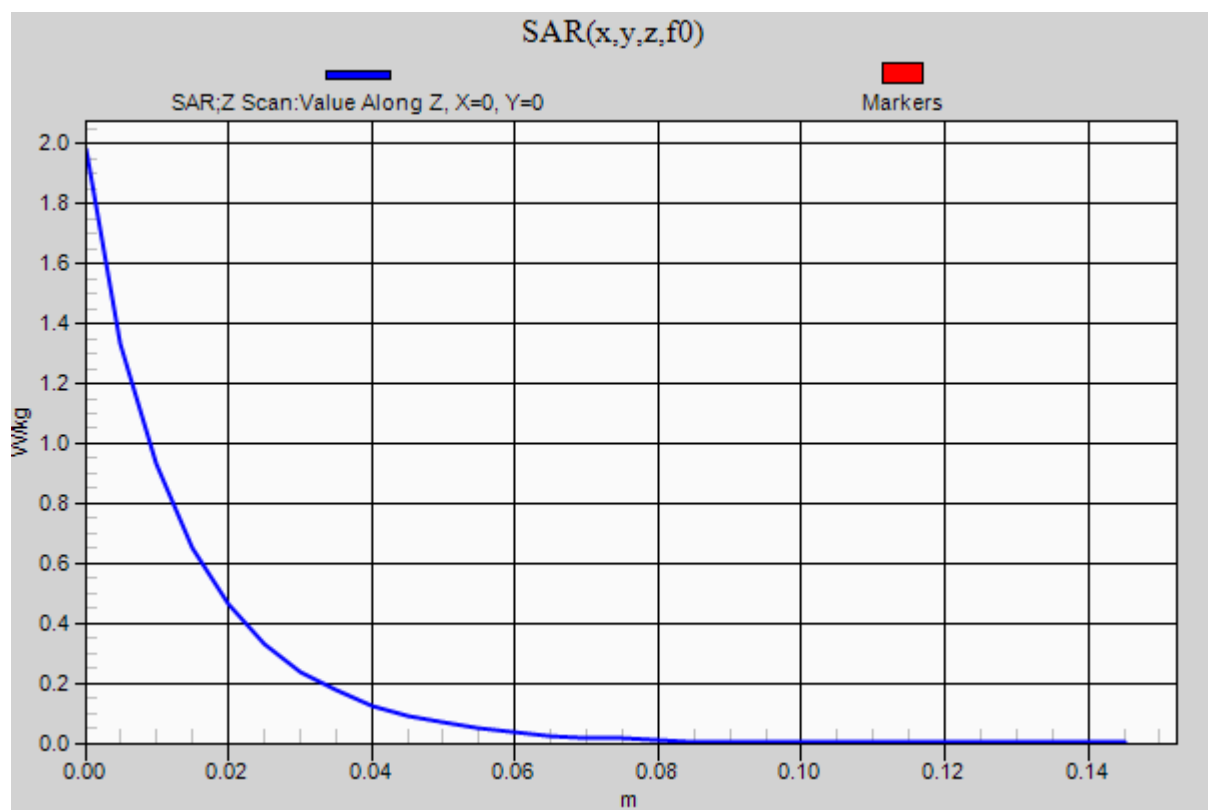
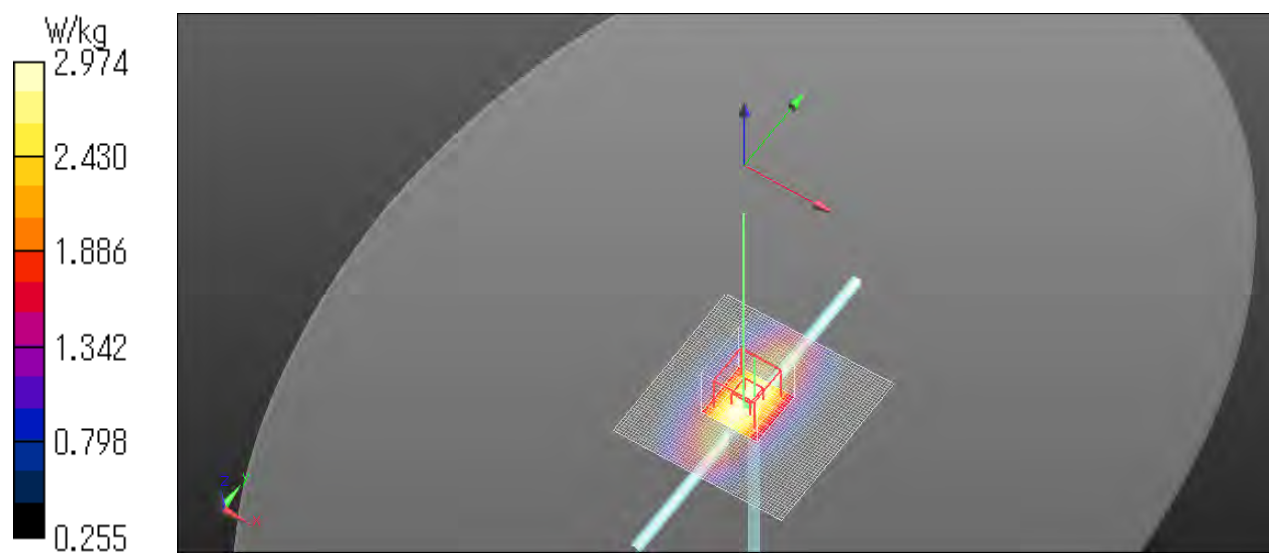
Ratio of SAR at M2 to SAR at M1 =  $66.4 \%$

Maximum value of SAR (measured) =  $2.97 \text{ W/kg}$

**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) =  $1.98 \text{ W/kg}$

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: DASY5 (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/m<sup>3</sup>  
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 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

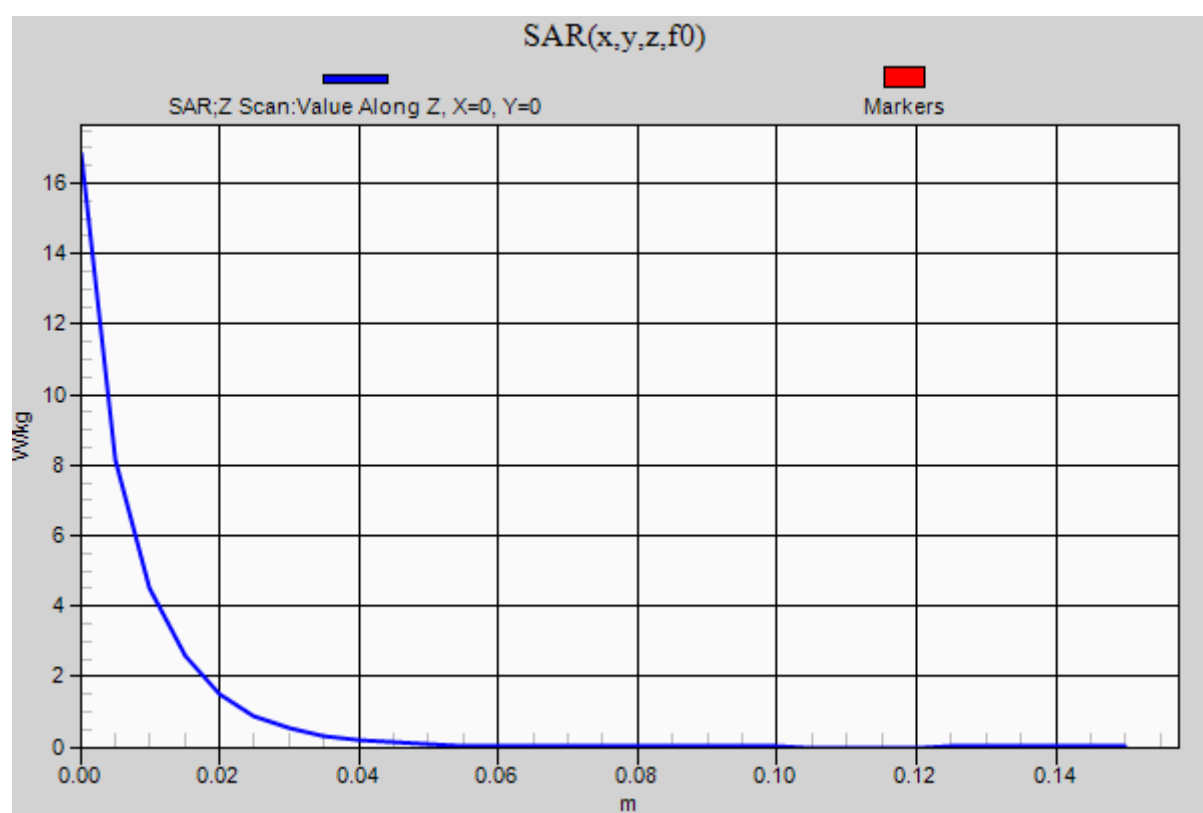
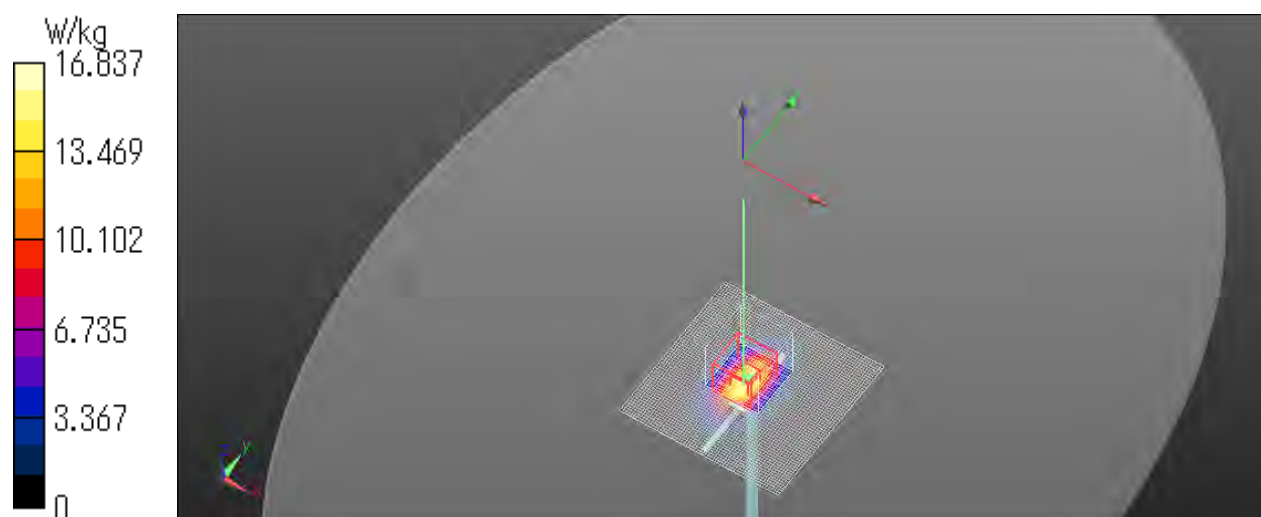
Ratio of SAR at M2 to SAR at M1 = 52.3 %

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: 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;  $\sigma = 1.309$  S/m;  $\epsilon_r = 39.133$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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 52.10.4(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

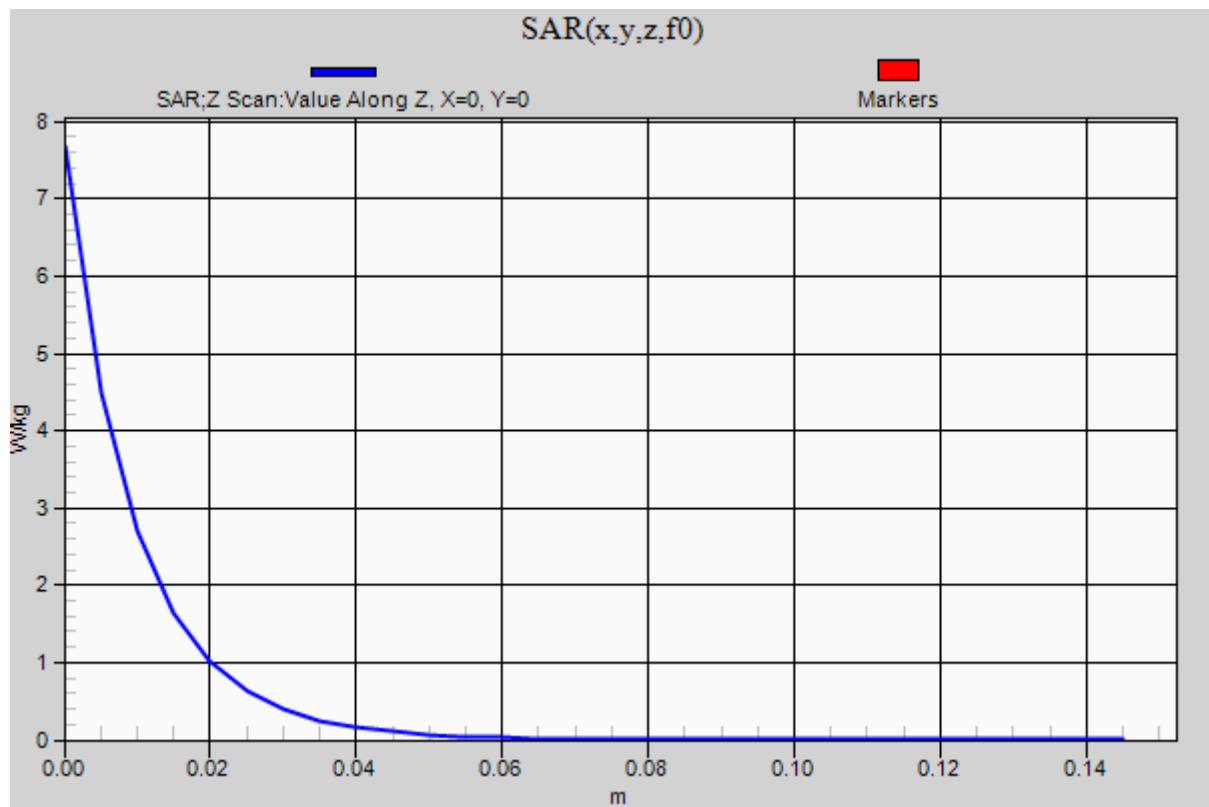
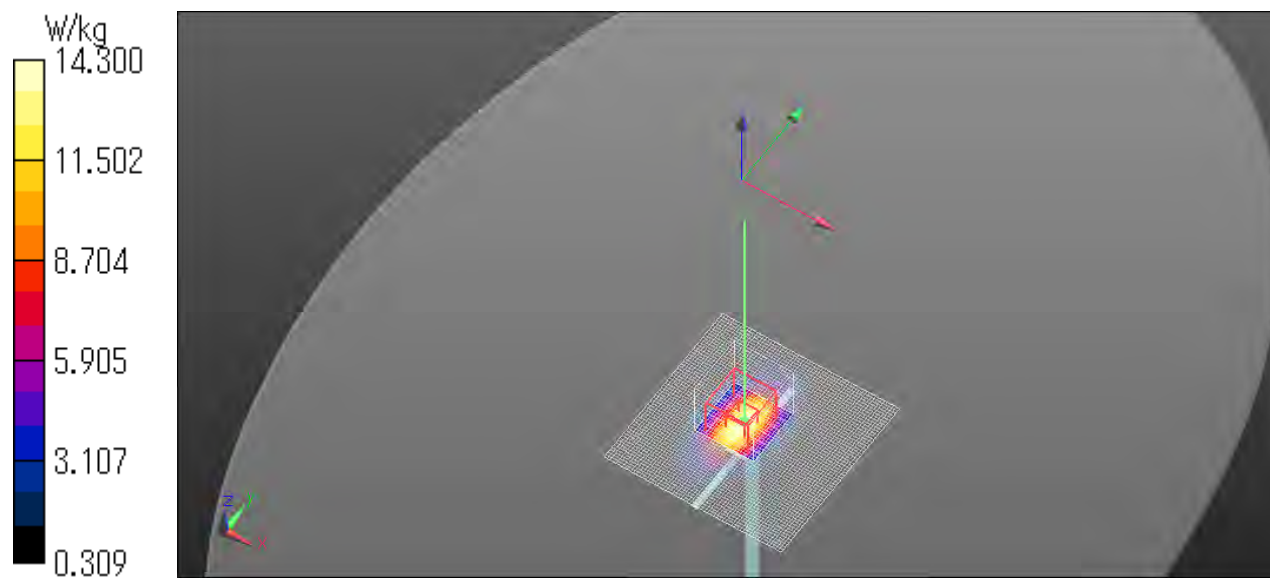
Ratio of SAR at M2 to SAR at M1 = 53.8 %

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:  $f = 750 \text{ MHz}$ ;  $\sigma = 0.923 \text{ S/m}$ ;  $\epsilon_r = 42.029$ ;  $\rho = 1000 \text{ kg/m}^3$   
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 v4.0 (20 deg probe tilt)/Phantom section: Flat Section  
Type: QDOVA001BB  
Serial: TP:1045

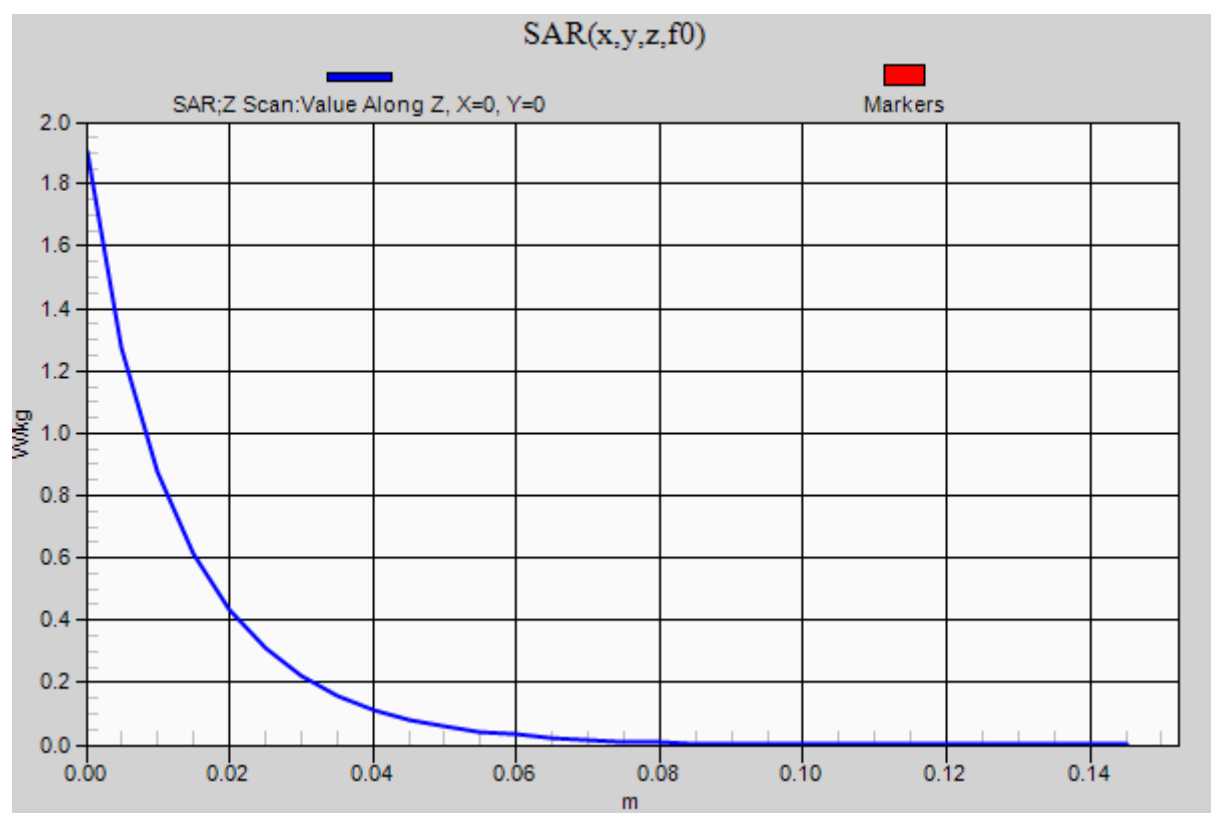
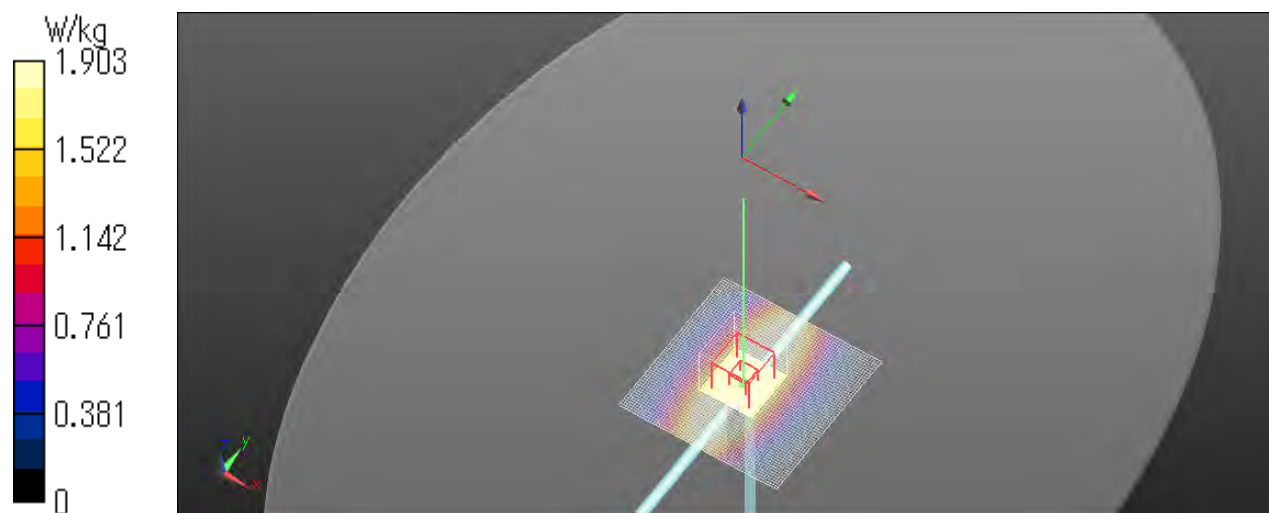
**Software info** DASY52 52.10.4(1535) SEMCAD X 14.6.14(7501)

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

**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 =  $58.50 \text{ V/m}$ ; Power Drift =  $-0.01 \text{ dB}$   
Peak SAR (extrapolated) =  $3.34 \text{ W/kg}$   
**SAR(1 g) =  $2.17 \text{ W/kg}$ ; SAR(10 g) =  $1.41 \text{ W/kg}$**   
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 =  $64.7 \%$   
Maximum value of SAR (measured) =  $2.95 \text{ W/kg}$

**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) =  $1.90 \text{ W/kg}$

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: 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:  $f = 835 \text{ MHz}$ ;  $\sigma = 0.966 \text{ S/m}$ ;  $\epsilon_r = 41.73$ ;  $\rho = 1000 \text{ kg/m}^3$   
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 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:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) =  $3.42 \text{ W/kg}$

**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 =  $62.25 \text{ V/m}$ ; Power Drift =  $0.04 \text{ dB}$

Peak SAR (extrapolated) =  $3.91 \text{ W/kg}$

**SAR(1 g) =  $2.57 \text{ W/kg}$ ; SAR(10 g) =  $1.68 \text{ W/kg}$**  (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below =  $20 \text{ mm}$

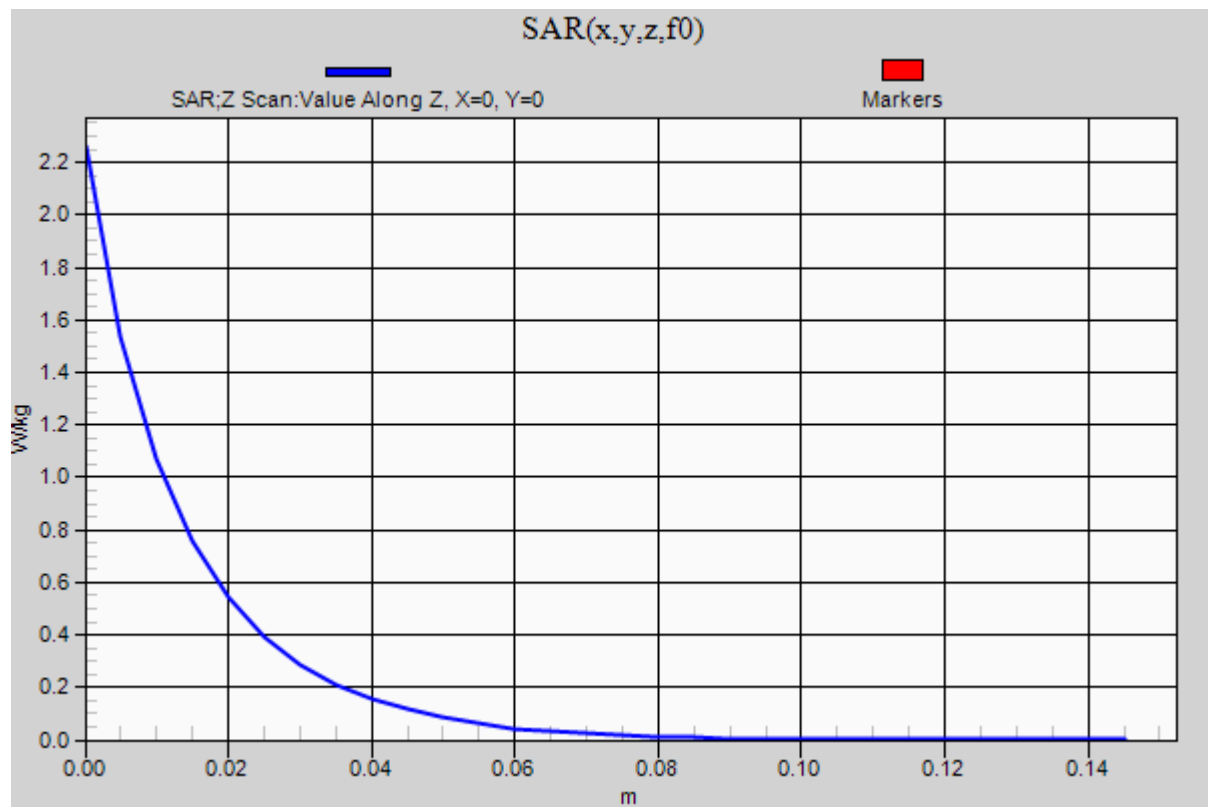
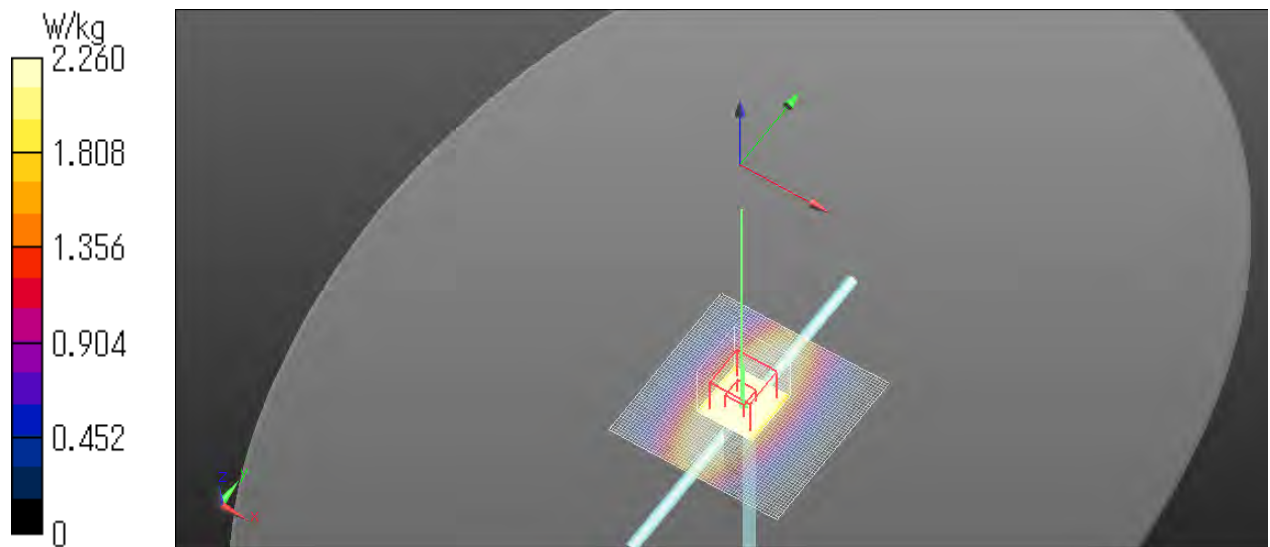
Ratio of SAR at M2 to SAR at M1 =  $65.7 \%$

Maximum value of SAR (measured) =  $3.45 \text{ W/kg}$

**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) =  $2.26 \text{ W/kg}$

Note: Liquid temp. is kept within the  $2 \text{ degree.C.}$  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: 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;  $\sigma = 1.44$  S/m;  $\epsilon_r = 40.117$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
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 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

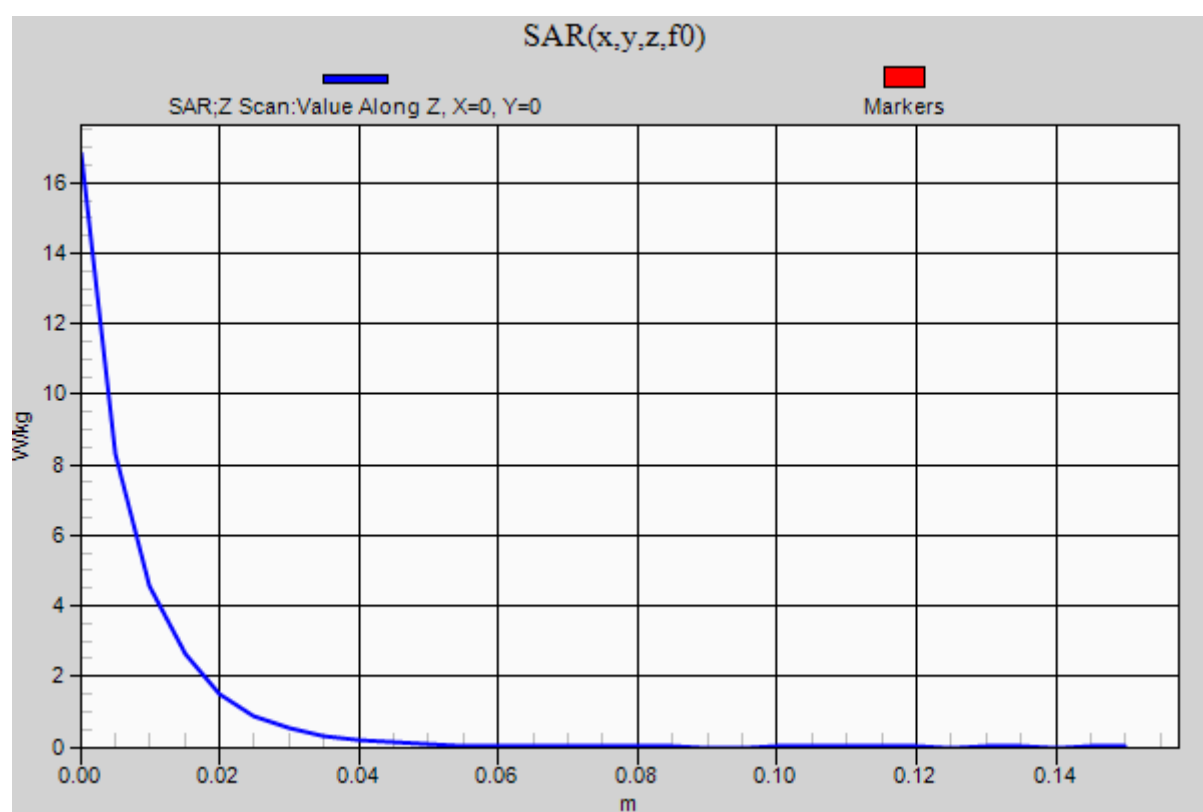
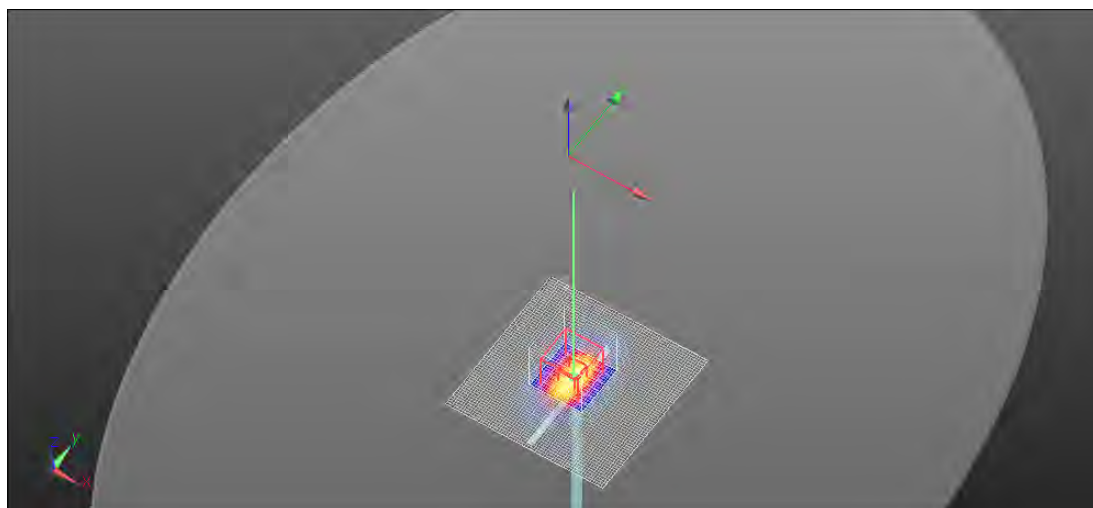
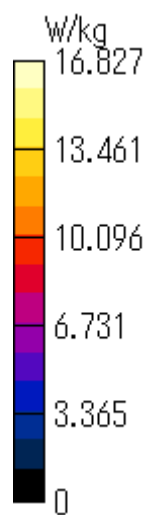
Ratio of SAR at M2 to SAR at M1 = 53 %

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: 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;  $\sigma = 1.313$  S/m;  $\epsilon_r = 38.376$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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) = 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

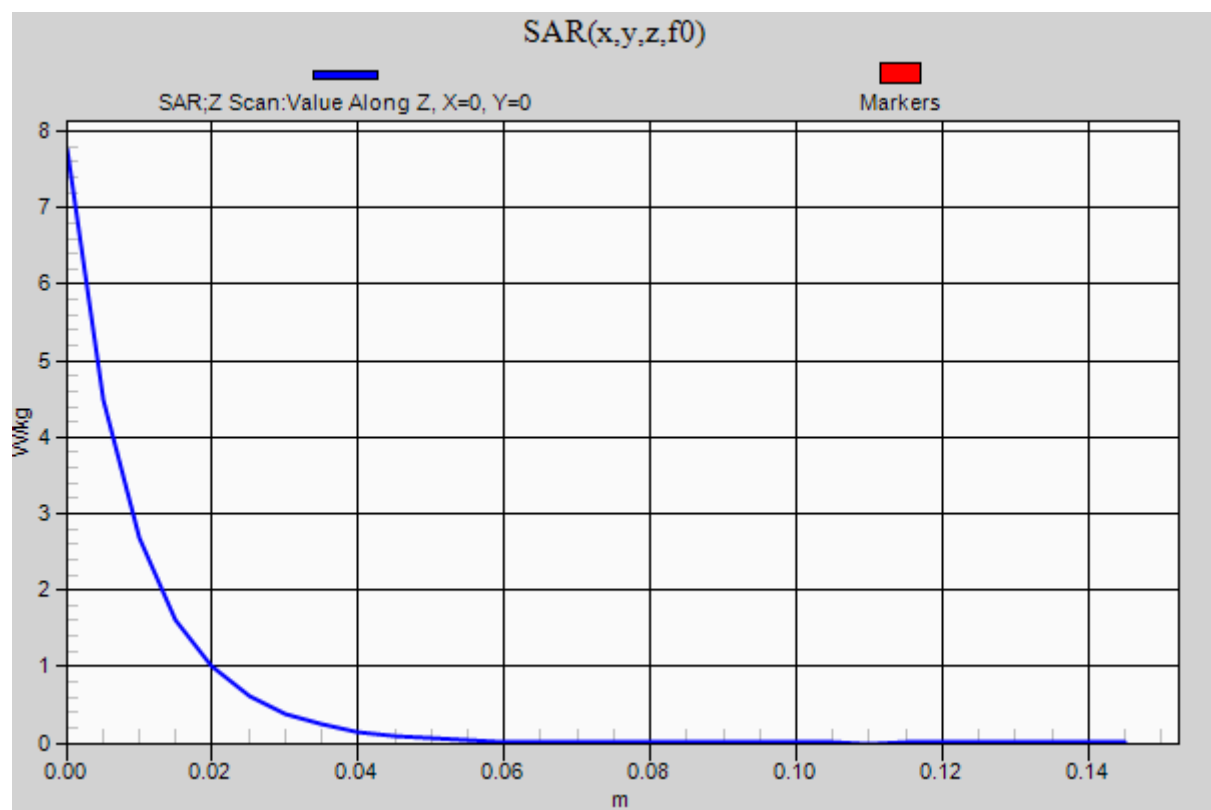
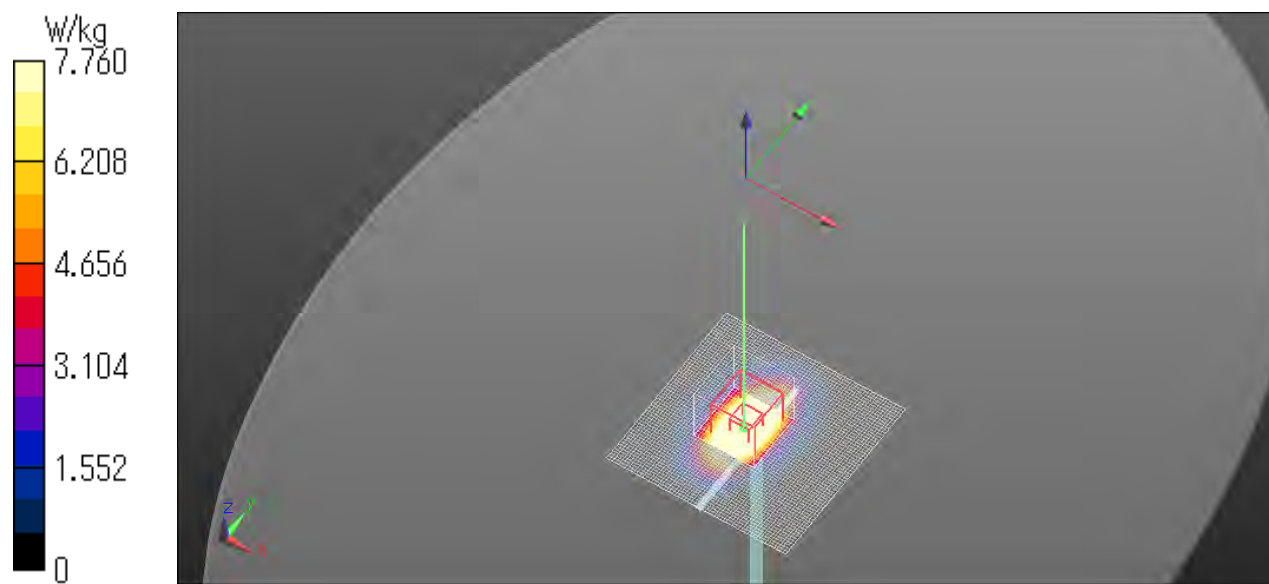
Ratio of SAR at M2 to SAR at M1 = 53.3 %

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: 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;  $\sigma = 3$  S/m;  $\epsilon_r = 39.535$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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** DASY52 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

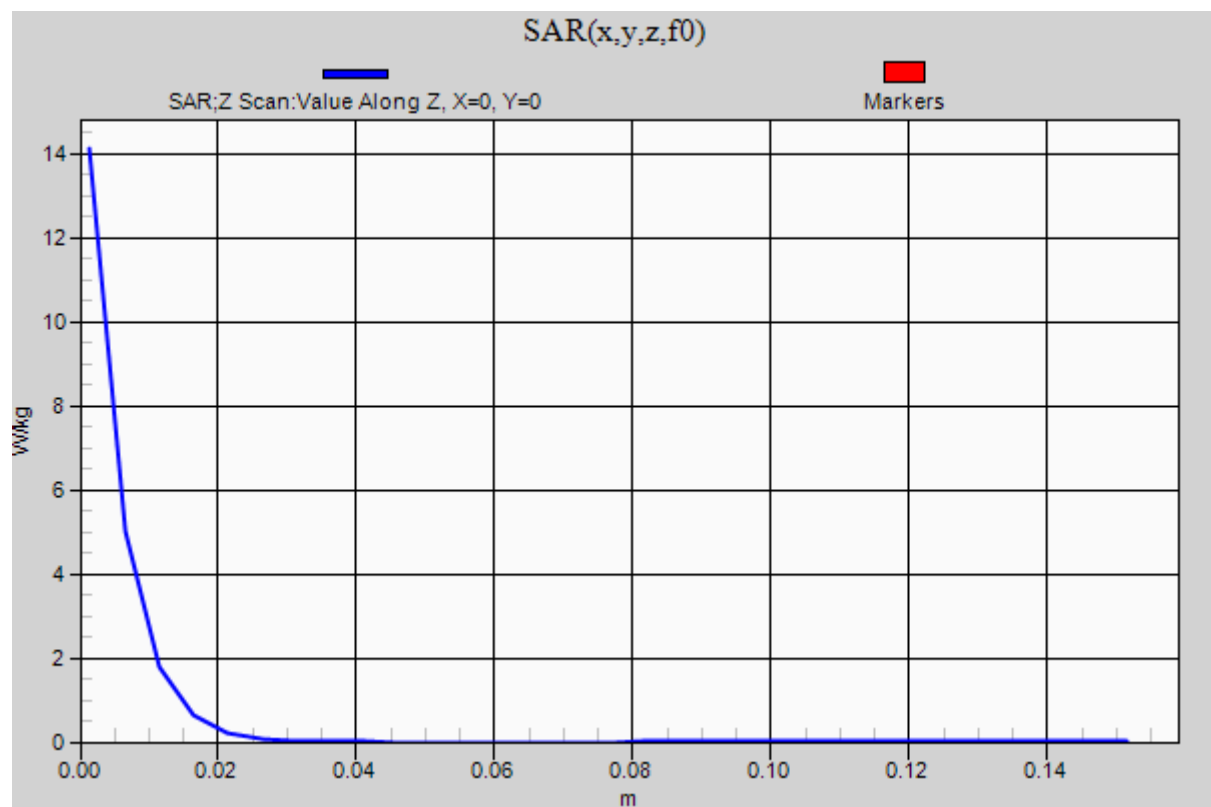
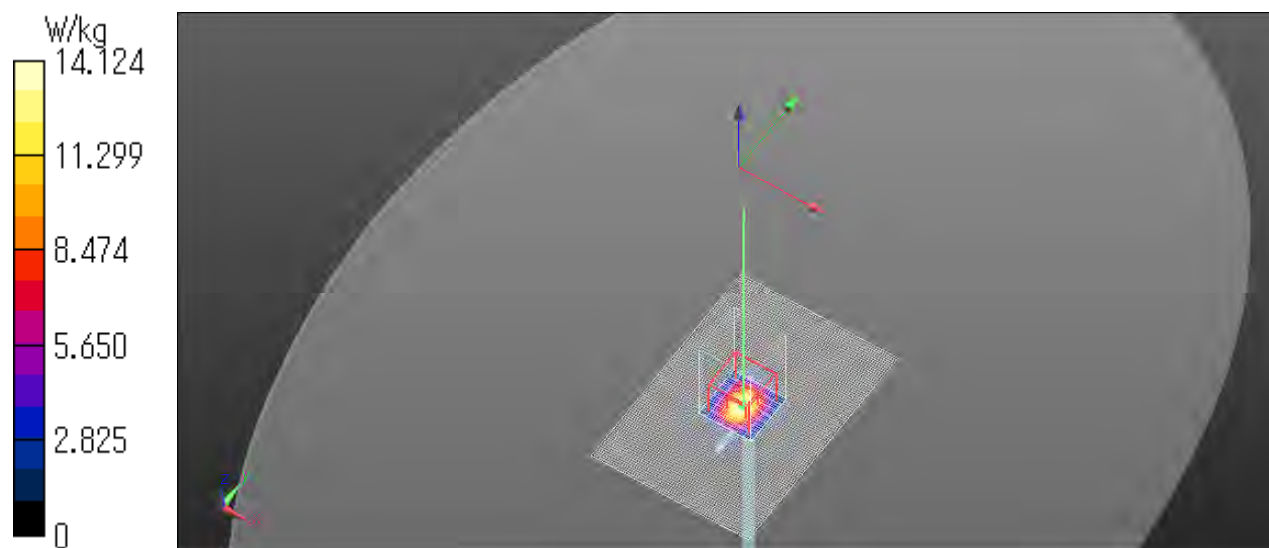
Ratio of SAR at M2 to SAR at M1 = 75.5 %

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: DASY5 (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/m<sup>3</sup>  
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

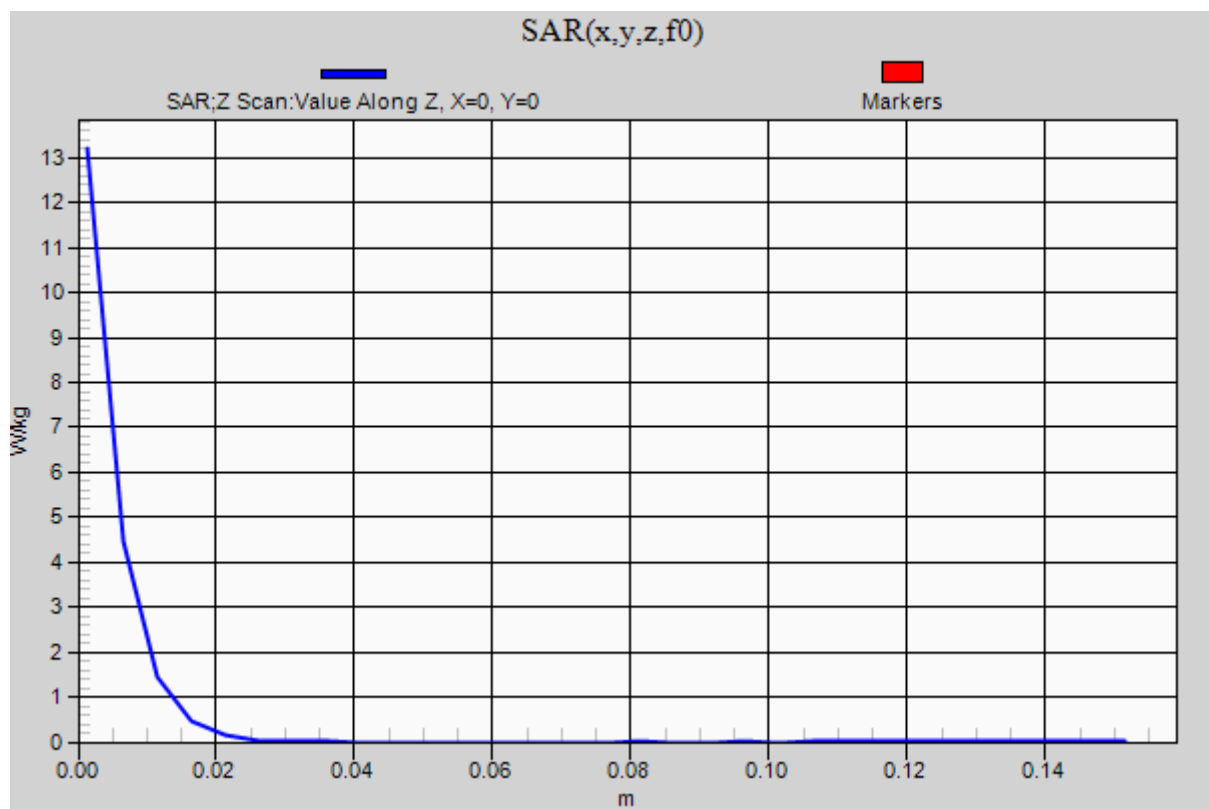
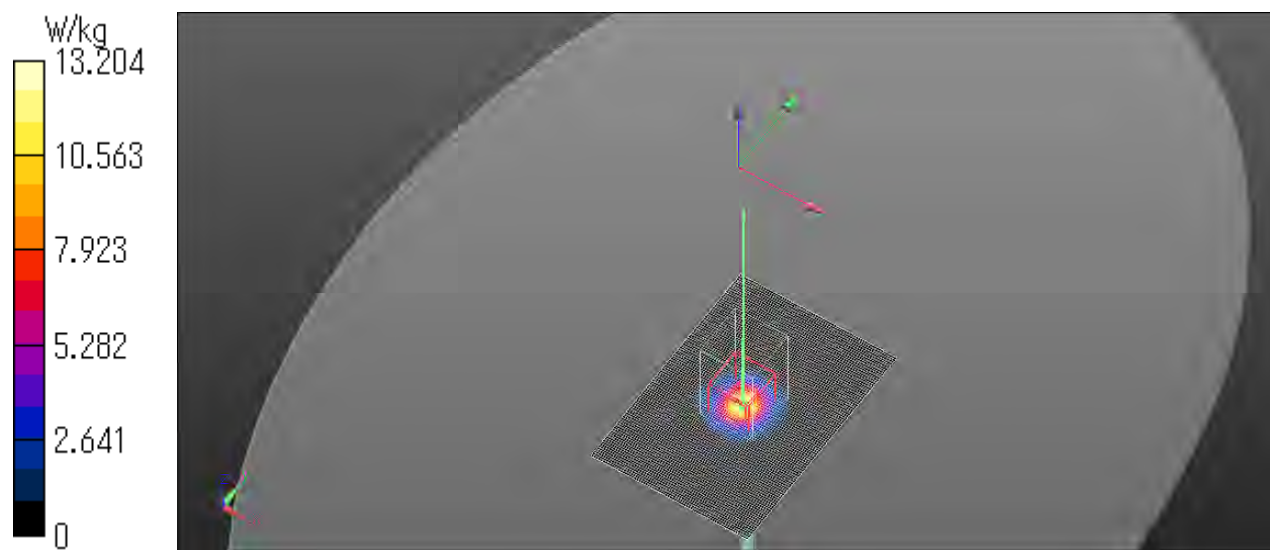
**Software info** DASY52 52.10.4(1535) SEMCAD X 14.6.14(7501)

**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: 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;  $\sigma = 1.901$  S/m;  $\epsilon_r = 39.506$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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/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

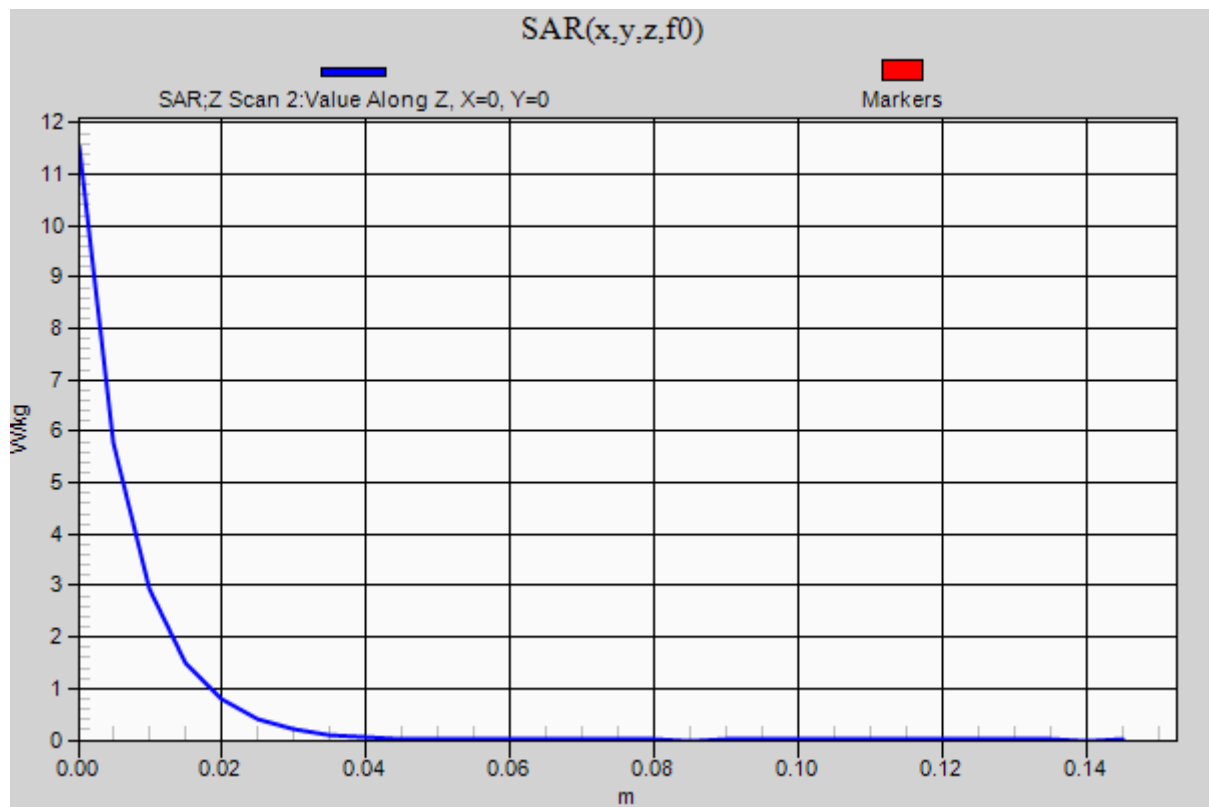
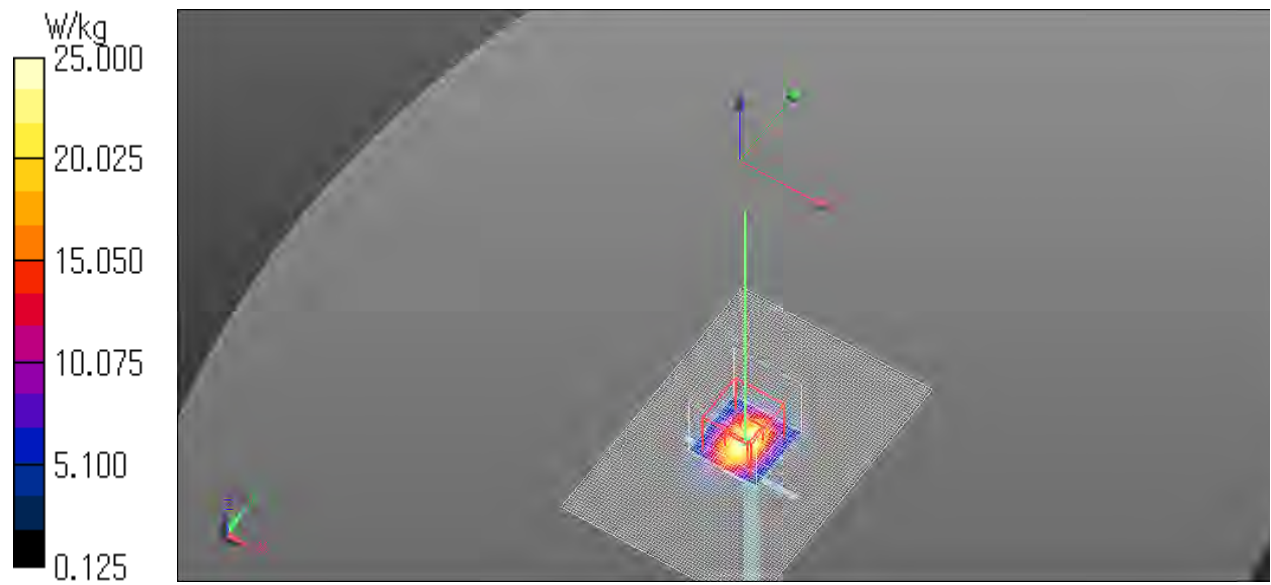
Ratio of SAR at M2 to SAR at M1 = 46.1 %

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: 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:  $f = 835 \text{ MHz}$ ;  $\sigma = 0.933 \text{ S/m}$ ;  $\epsilon_r = 41.622$ ;  $\rho = 1000 \text{ kg/m}^3$   
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 52.10.4(1535) SEMCAD X 14.6.14(7501)

**Configuration 3/250 mW/Area Scan (61x61x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) =  $3.57 \text{ W/kg}$

**Configuration 3/250 mW/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid:  $dx=5 \text{ mm}$ ,  $dy=5 \text{ mm}$ ,  $dz=5 \text{ mm}$

Reference Value =  $63.96 \text{ V/m}$ ; Power Drift =  $0.01 \text{ dB}$

Peak SAR (extrapolated) =  $4.00 \text{ W/kg}$

**SAR(1 g) =  $2.61 \text{ W/kg}$ ; SAR(10 g) =  $1.69 \text{ W/kg}$**

Smallest distance from peaks to all points 3 dB below =  $16.6 \text{ mm}$

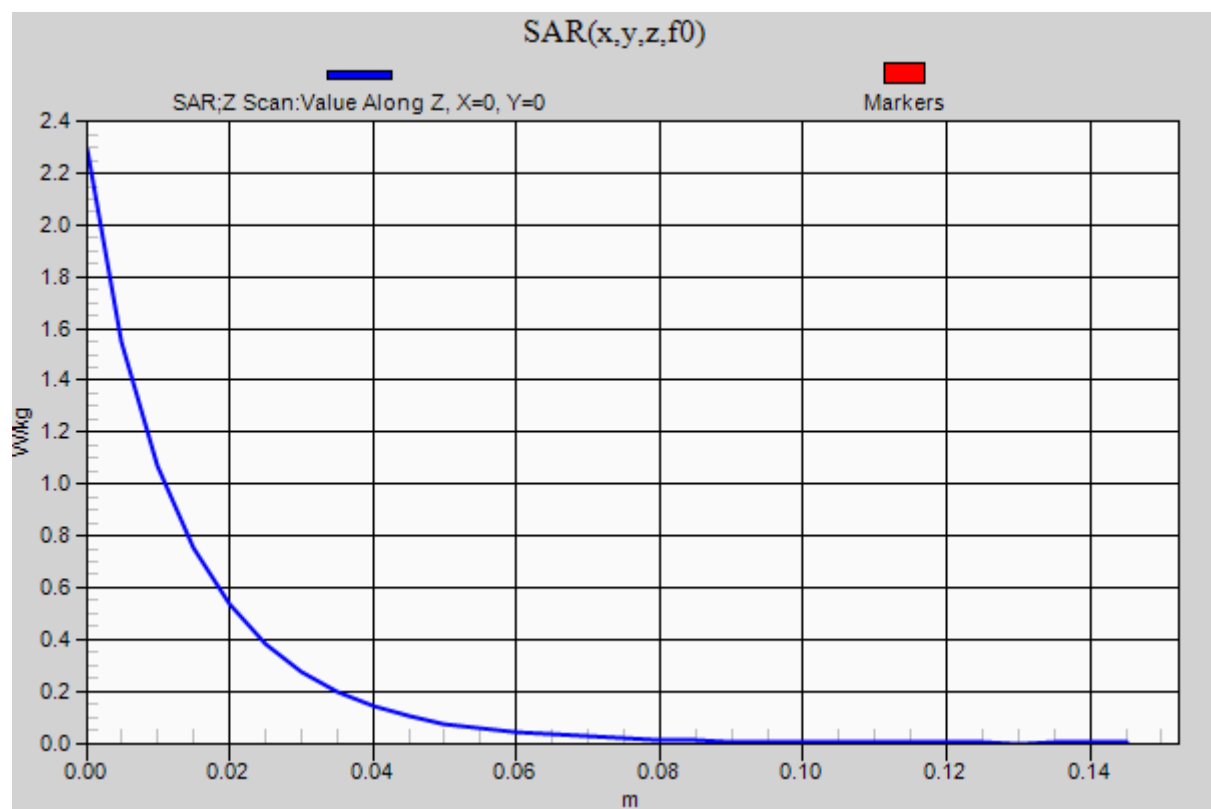
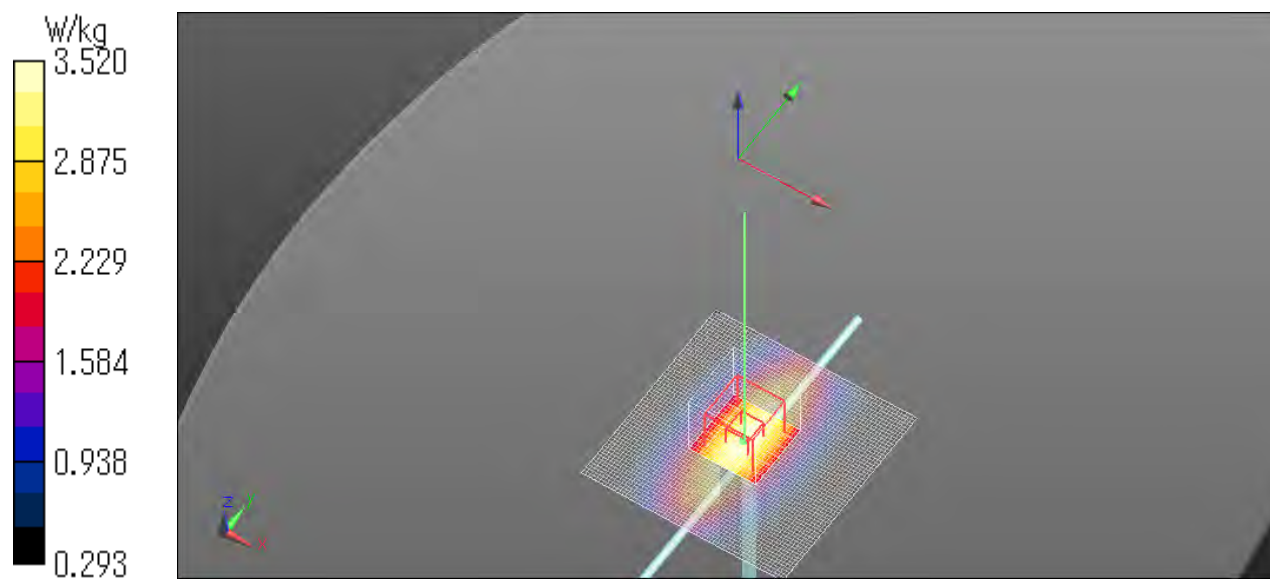
Ratio of SAR at M2 to SAR at M1 =  $65.4 \%$

Maximum value of SAR (measured) =  $3.52 \text{ W/kg}$

**Configuration 3/250 mW/Z Scan (1x1x31):** Measurement grid:  $dx=20 \text{ mm}$ ,  $dy=20 \text{ mm}$ ,  $dz=5 \text{ mm}$

Maximum value of SAR (measured) =  $2.29 \text{ W/kg}$

Note: Liquid temp. is kept within the  $2 \text{ degree.C.}$  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: 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;  $\sigma = 1.336$  S/m;  $\epsilon_r = 39.956$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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) = 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

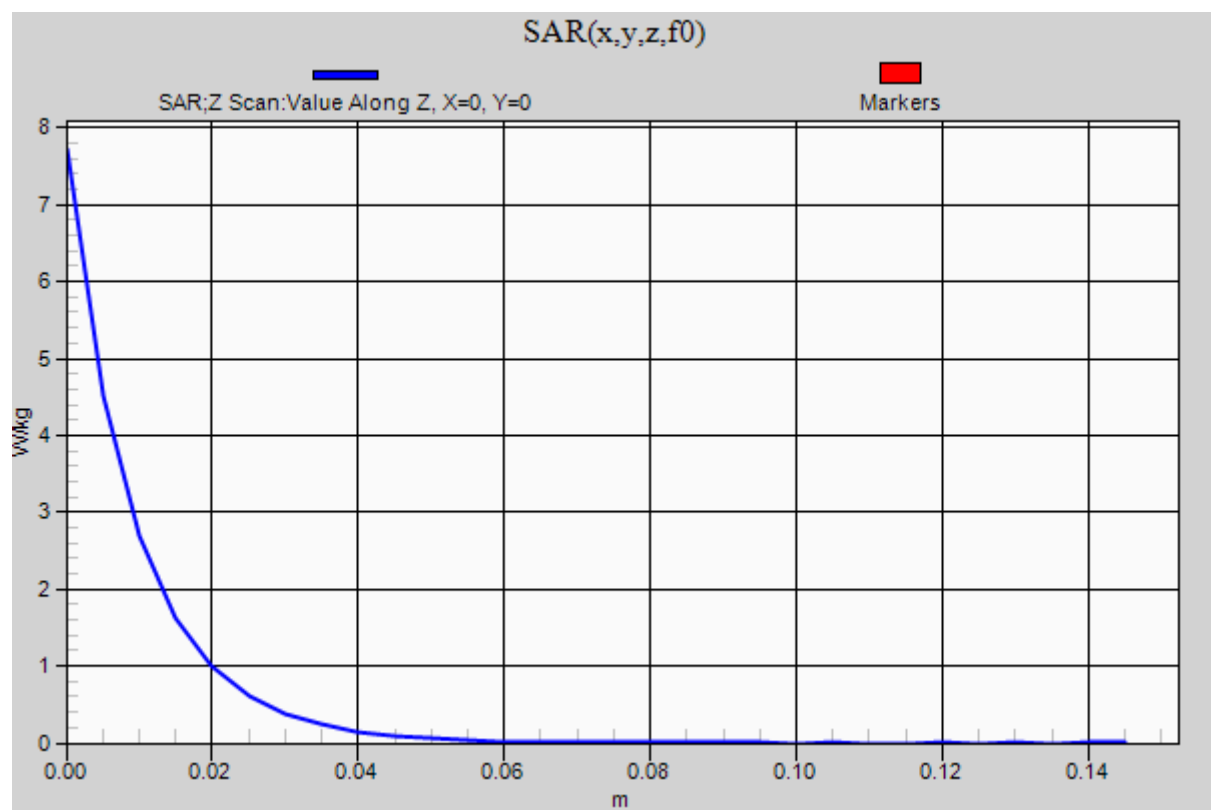
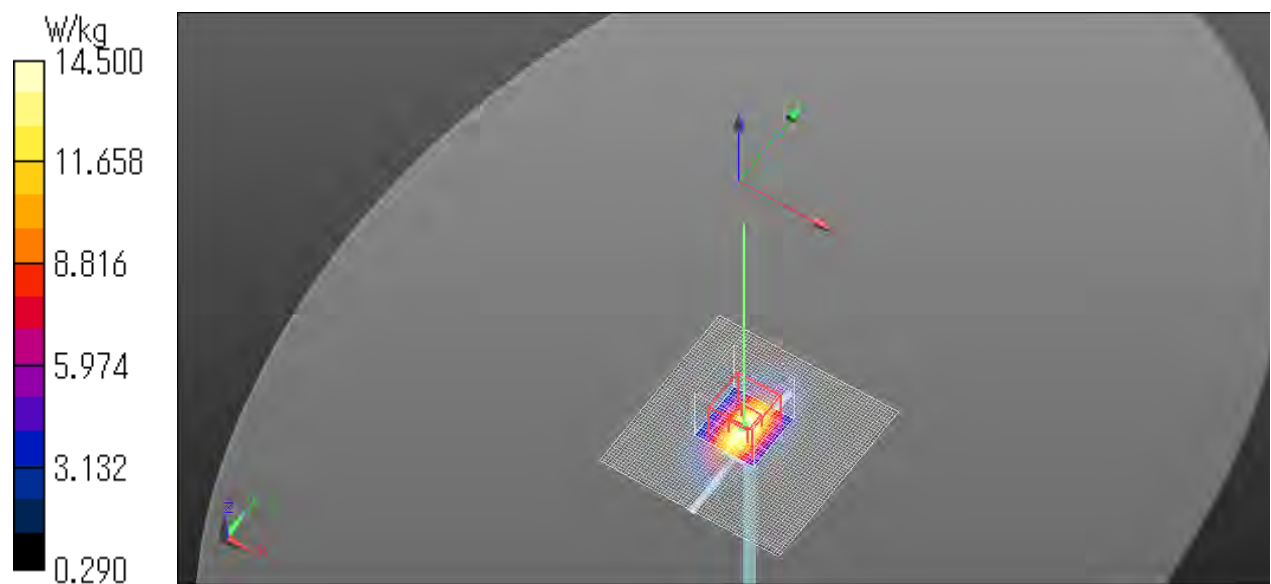
Ratio of SAR at M2 to SAR at M1 = 52.8 %

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: 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;  $\sigma = 2.937$  S/m;  $\epsilon_r = 38.047$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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** DASY52 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

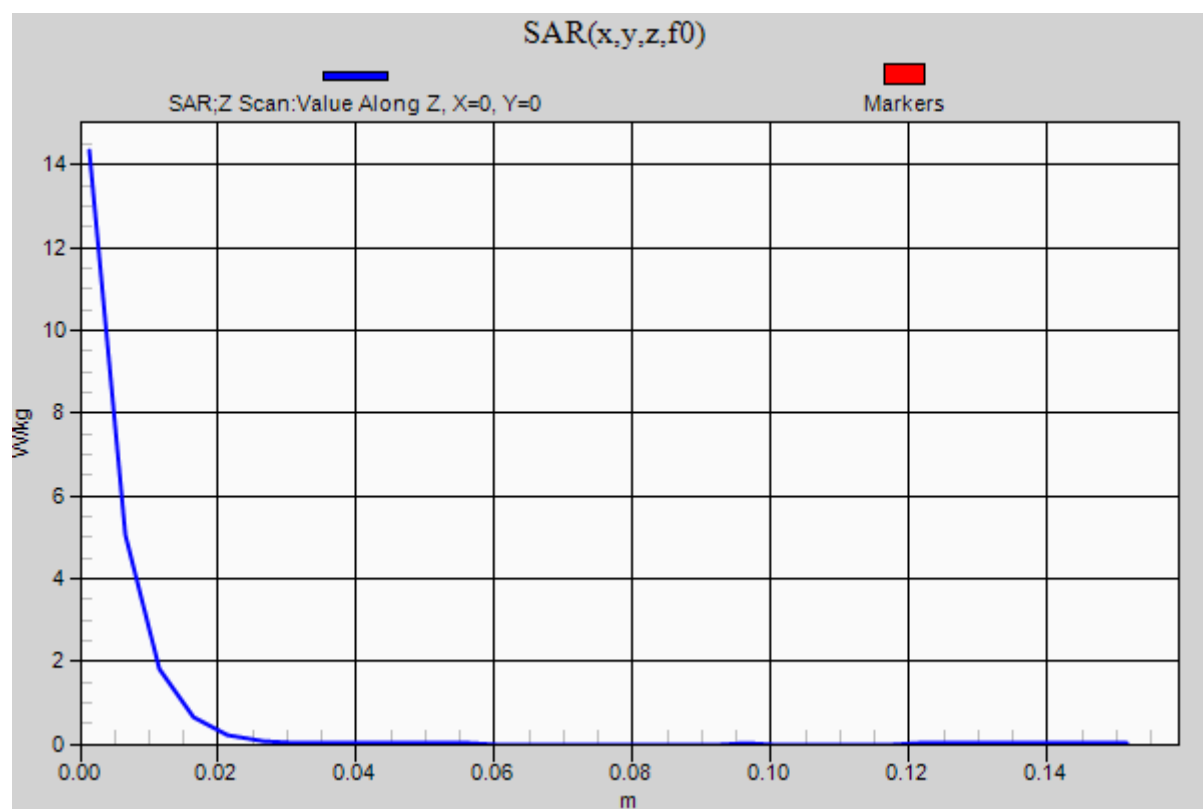
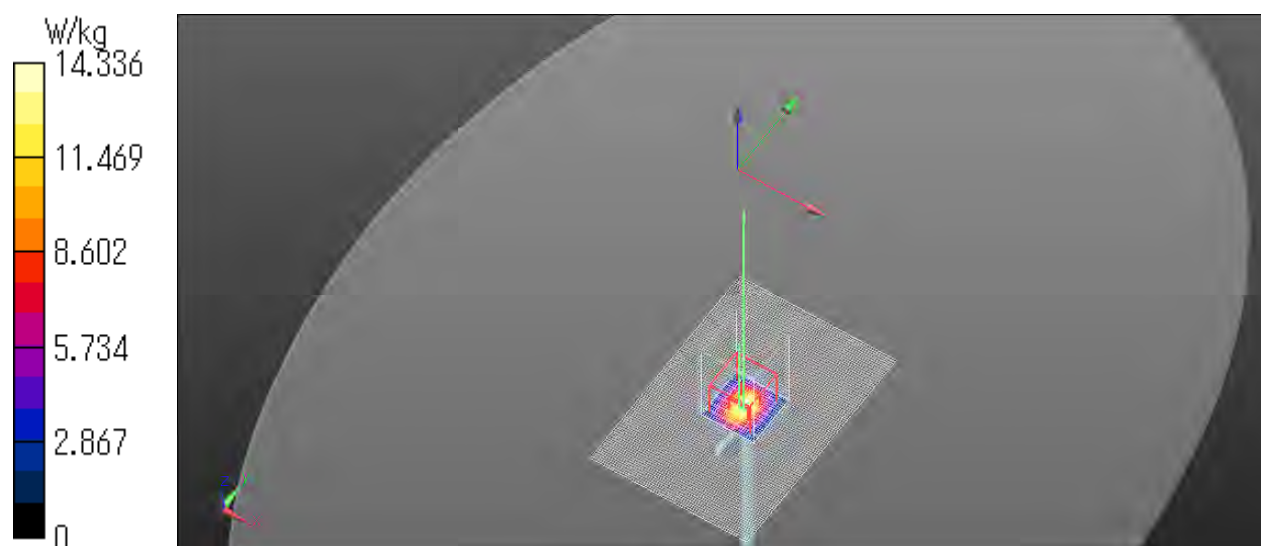
Ratio of SAR at M2 to SAR at M1 = 75.2 %

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: DASY5 (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/m<sup>3</sup>  
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** DASY52 52.10.4(1535) SEMCAD X 14.6.14(7501)

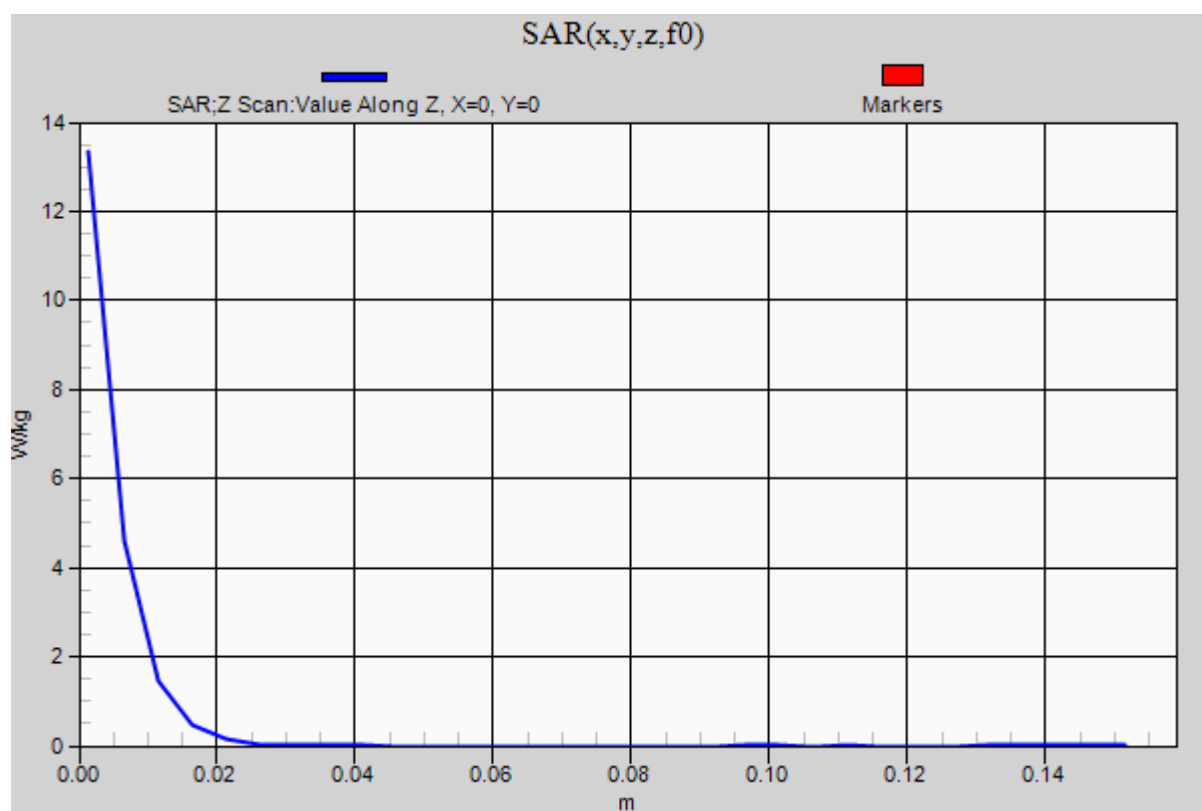
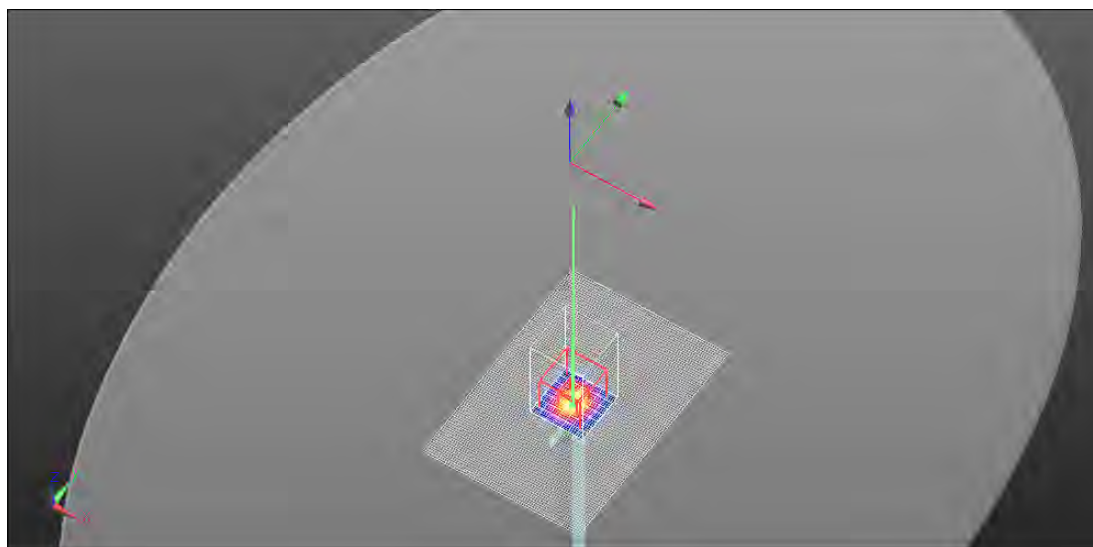
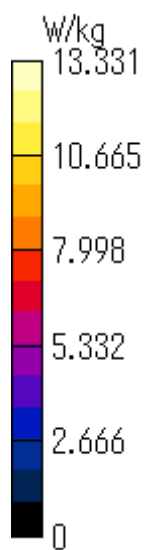
**Configuration 2/3900 MHz/Area Scan (71x101x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 11.6 W/kg

**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: 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;  $\sigma = 1.909$  S/m;  $\epsilon_r = 39.14$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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/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

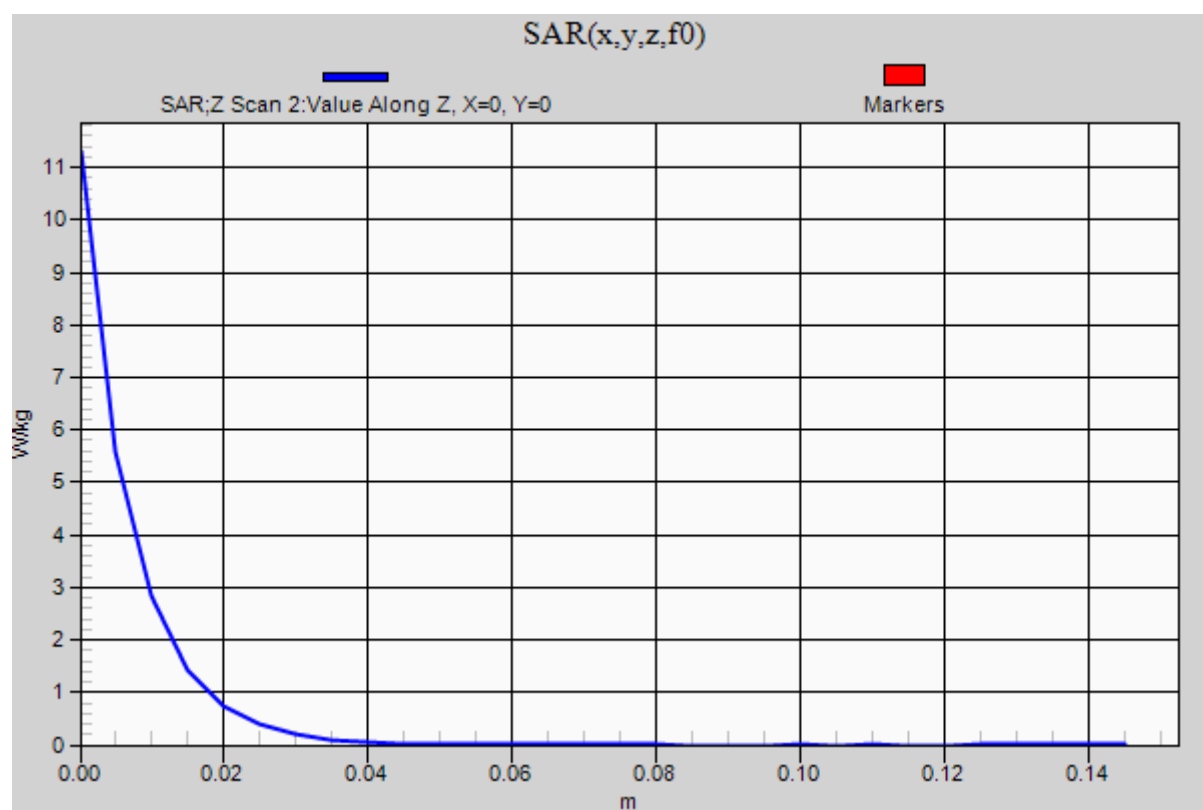
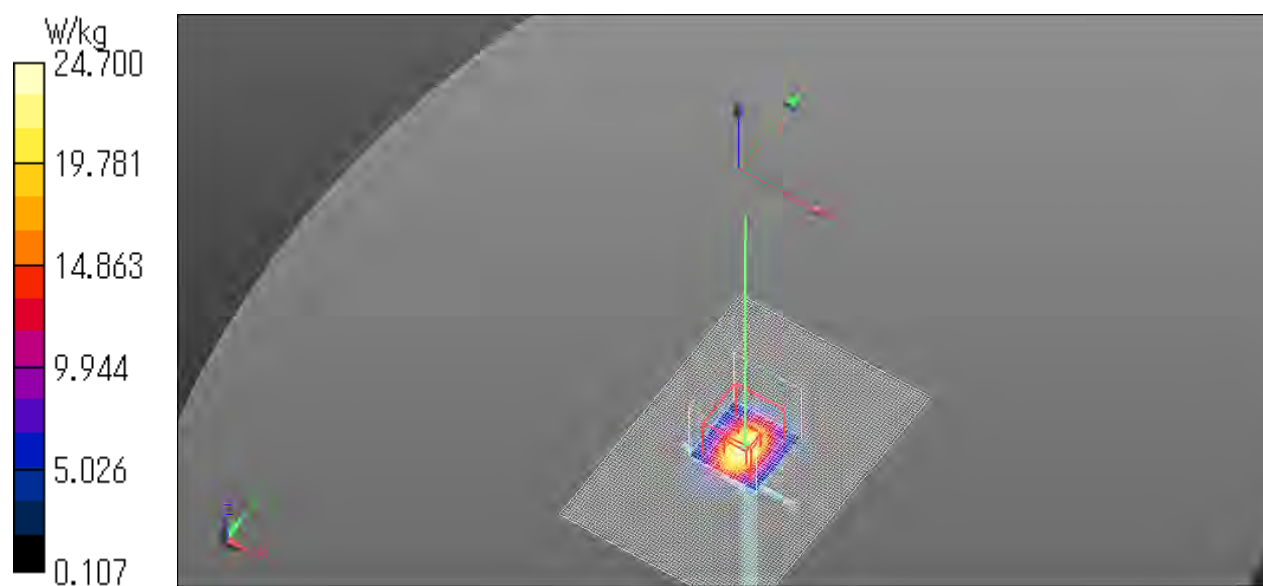
Ratio of SAR at M2 to SAR at M1 = 45.6 %

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: 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;  $\sigma = 2.972$  S/m;  $\epsilon_r = 37.919$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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** DASY52 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

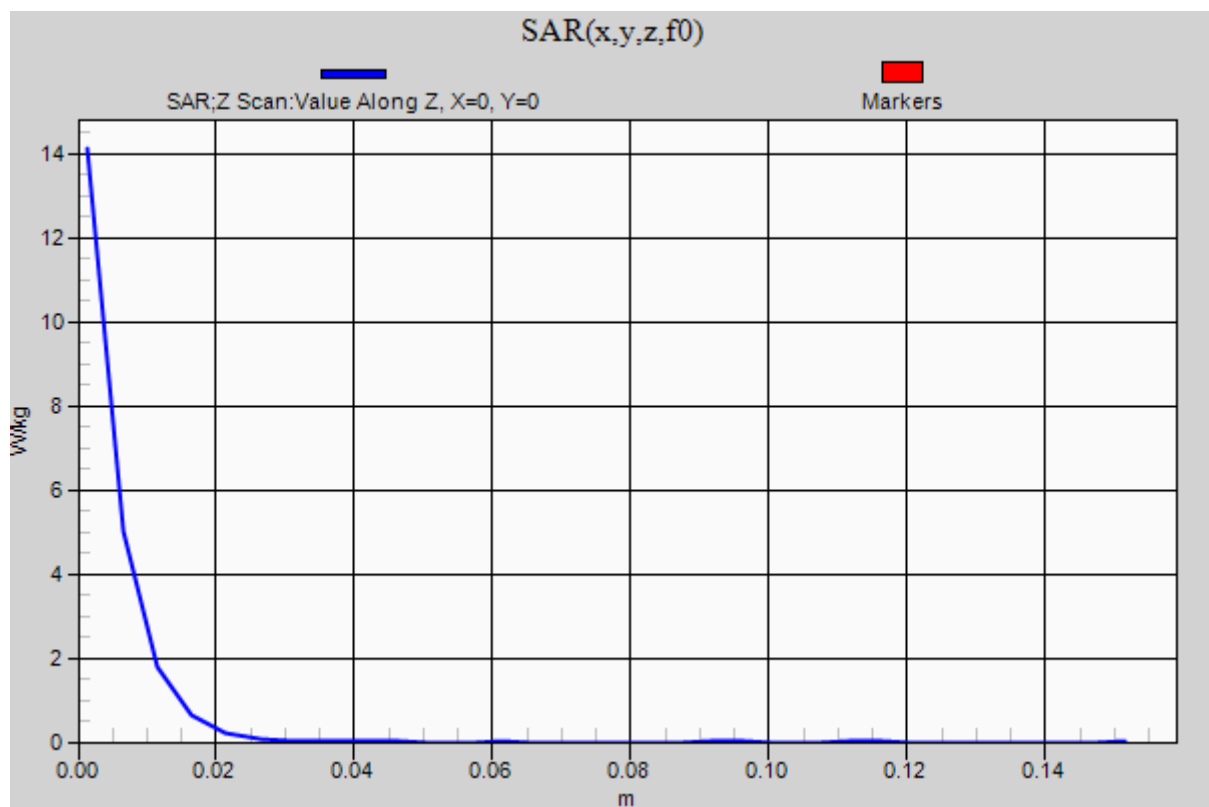
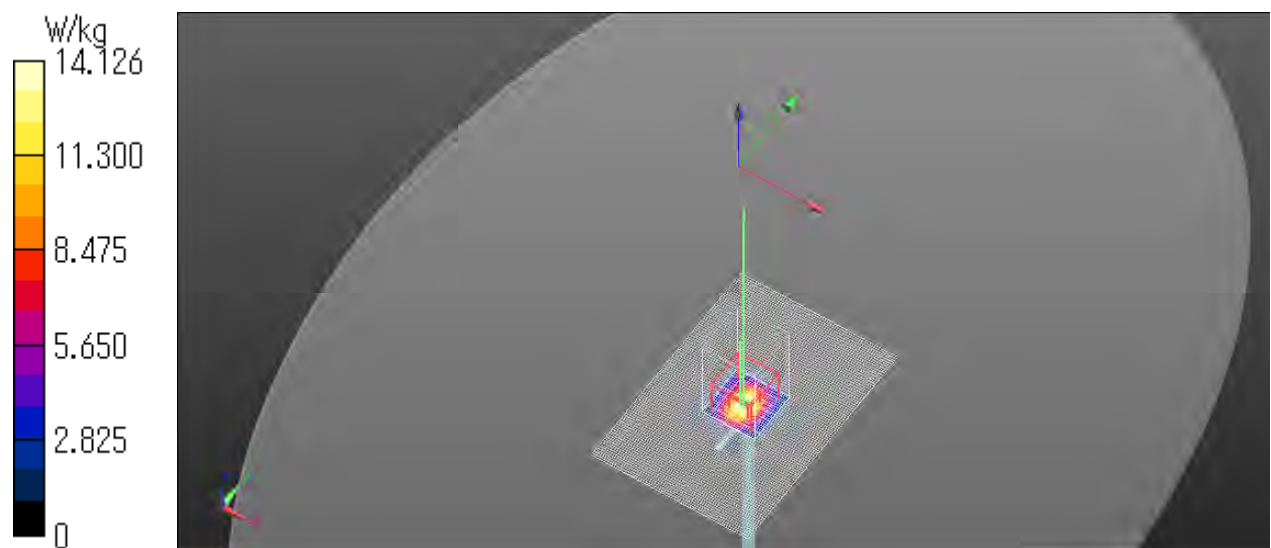
Ratio of SAR at M2 to SAR at M1 = 75 %

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: DASY5 (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/m<sup>3</sup>  
Sensor-Surface: 1.4 mm (Mechanical Surface Detection)

**DAE info:**

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

**Phantom info:**

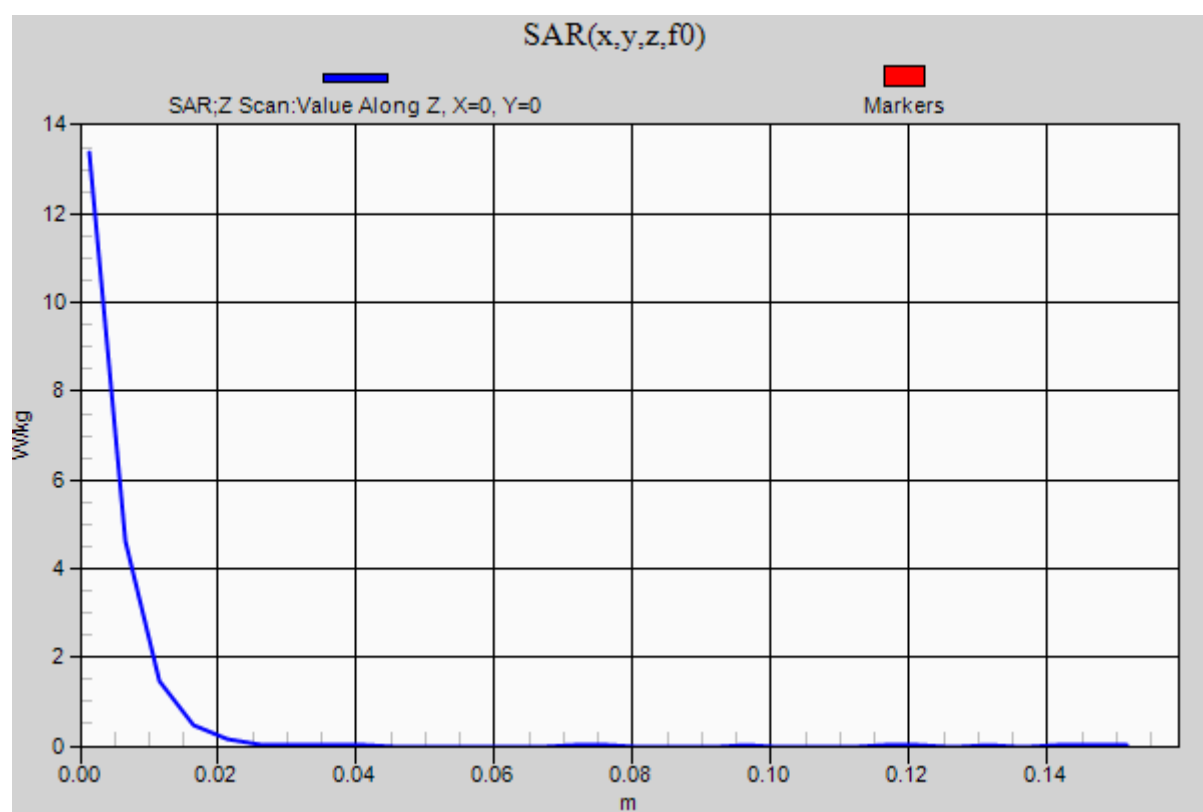
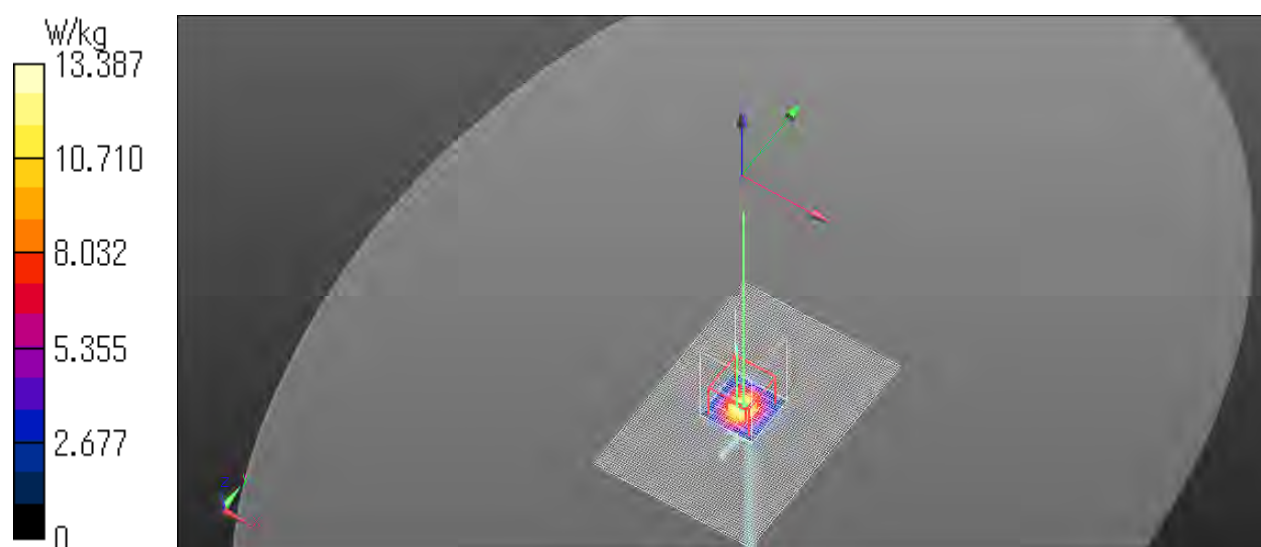
Phantom: ELI v4.0 (20 deg probe tilt)/Phantom section: Flat Section  
Type: QDOVA001BB  
Serial: TP:1045  
**Software info** DASY52 52.10.4(1535) SEMCAD X 14.6.14(7501)

**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/m<sup>3</sup>

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

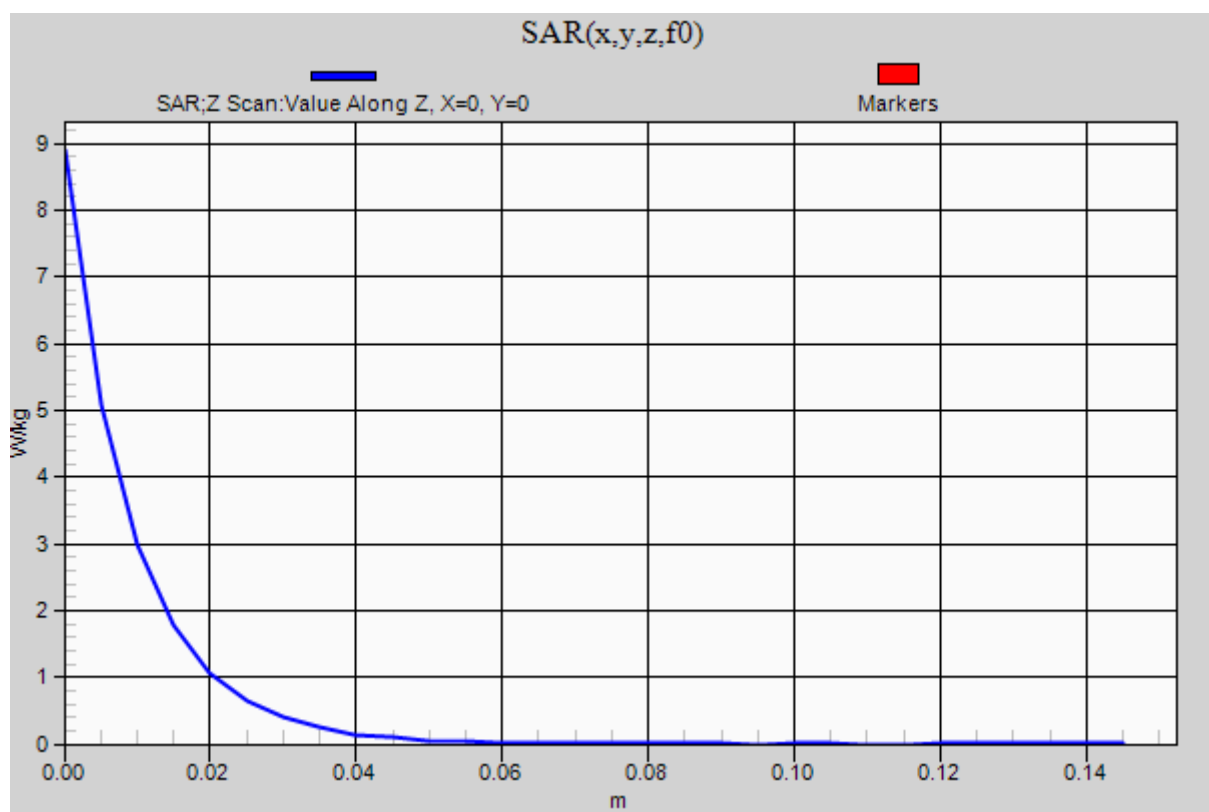
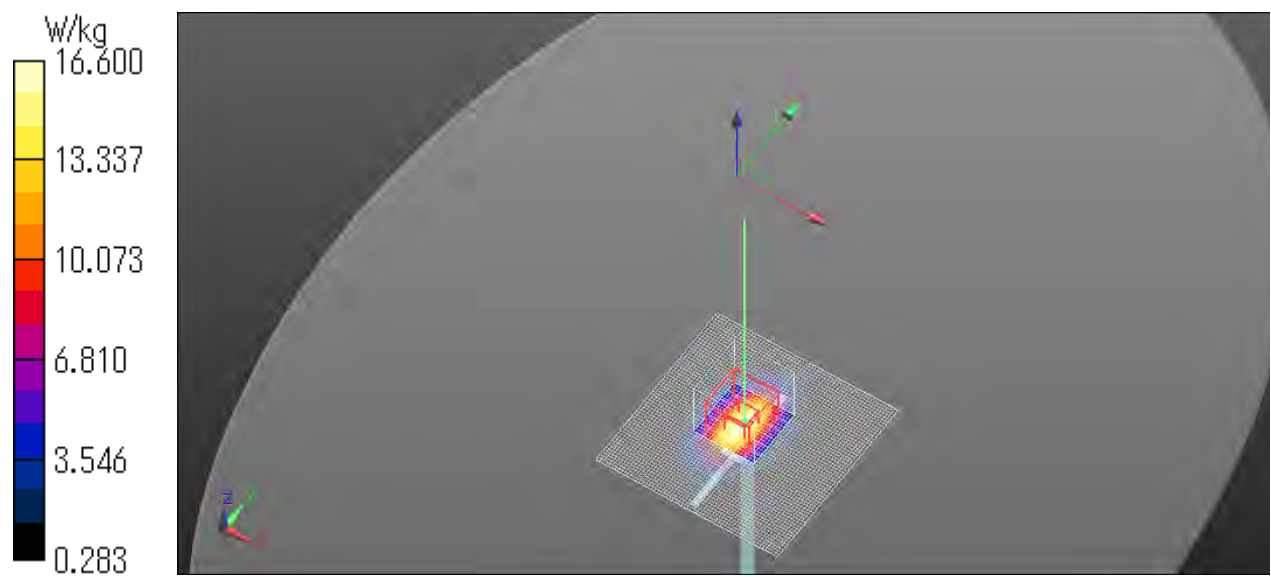
Ratio of SAR at M2 to SAR at M1 = 53.5 %

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: 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;  $\sigma = 1.902$  S/m;  $\epsilon_r = 39.002$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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/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

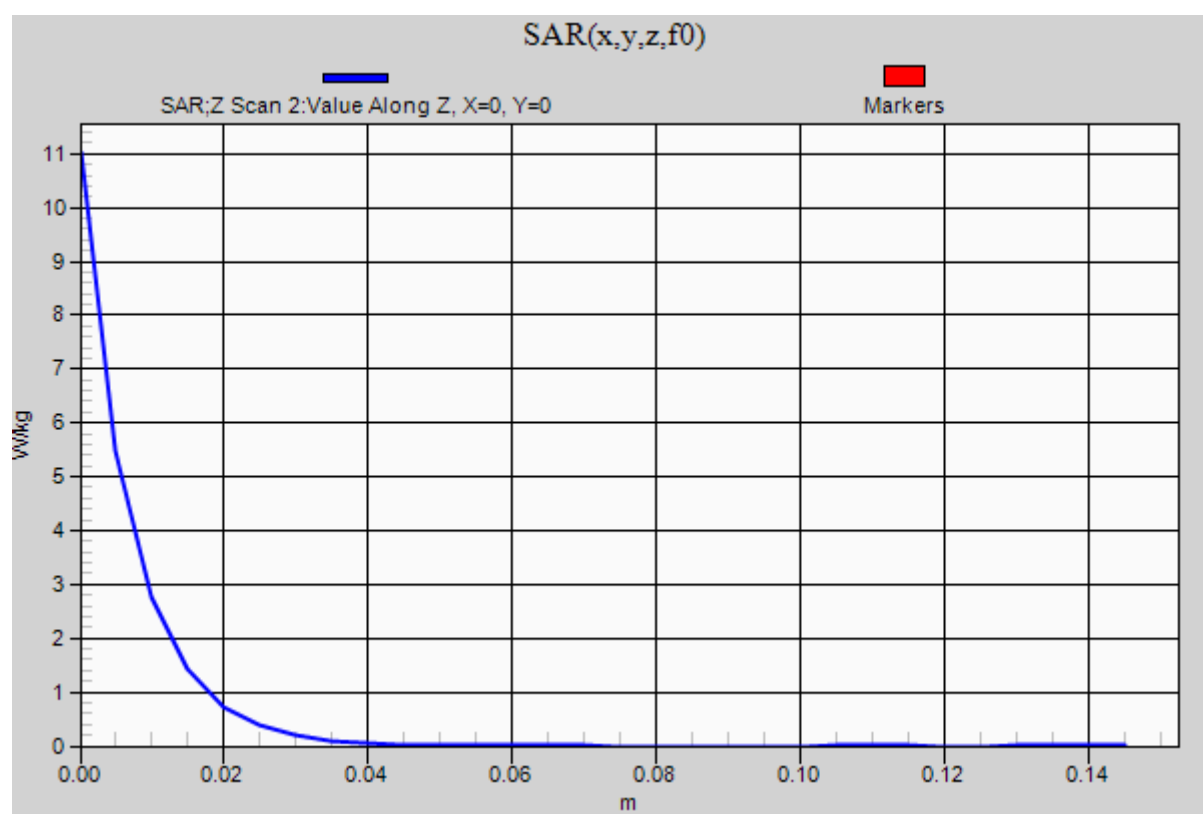
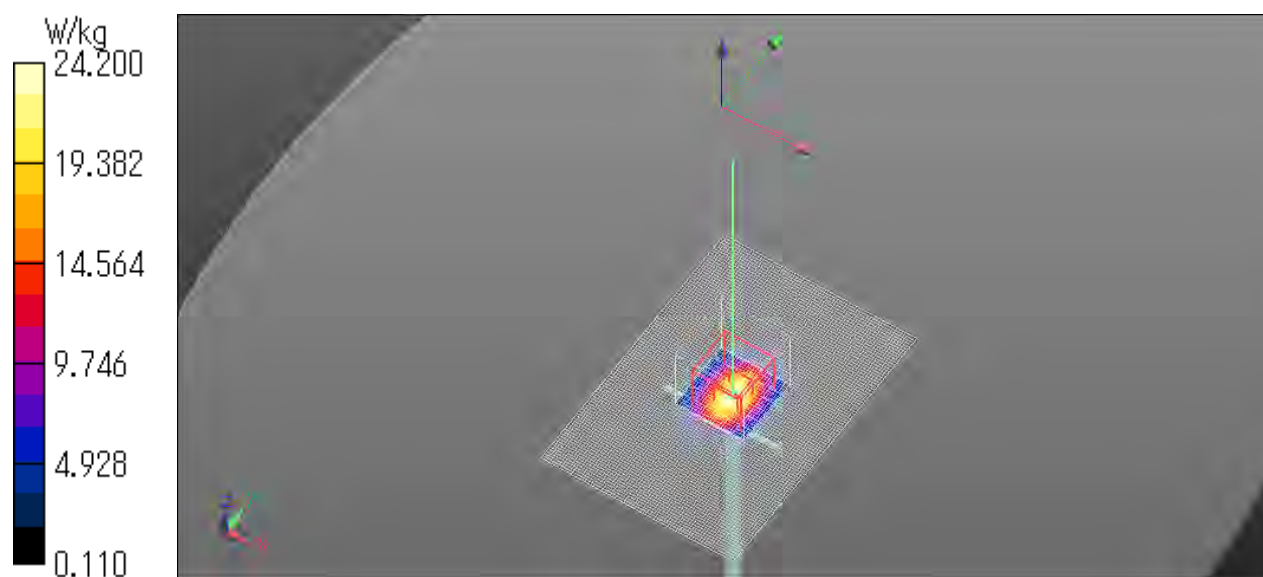
Ratio of SAR at M2 to SAR at M1 = 45.6 %

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: 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;  $\sigma = 2.953$  S/m;  $\epsilon_r = 37.945$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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** DASY52 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

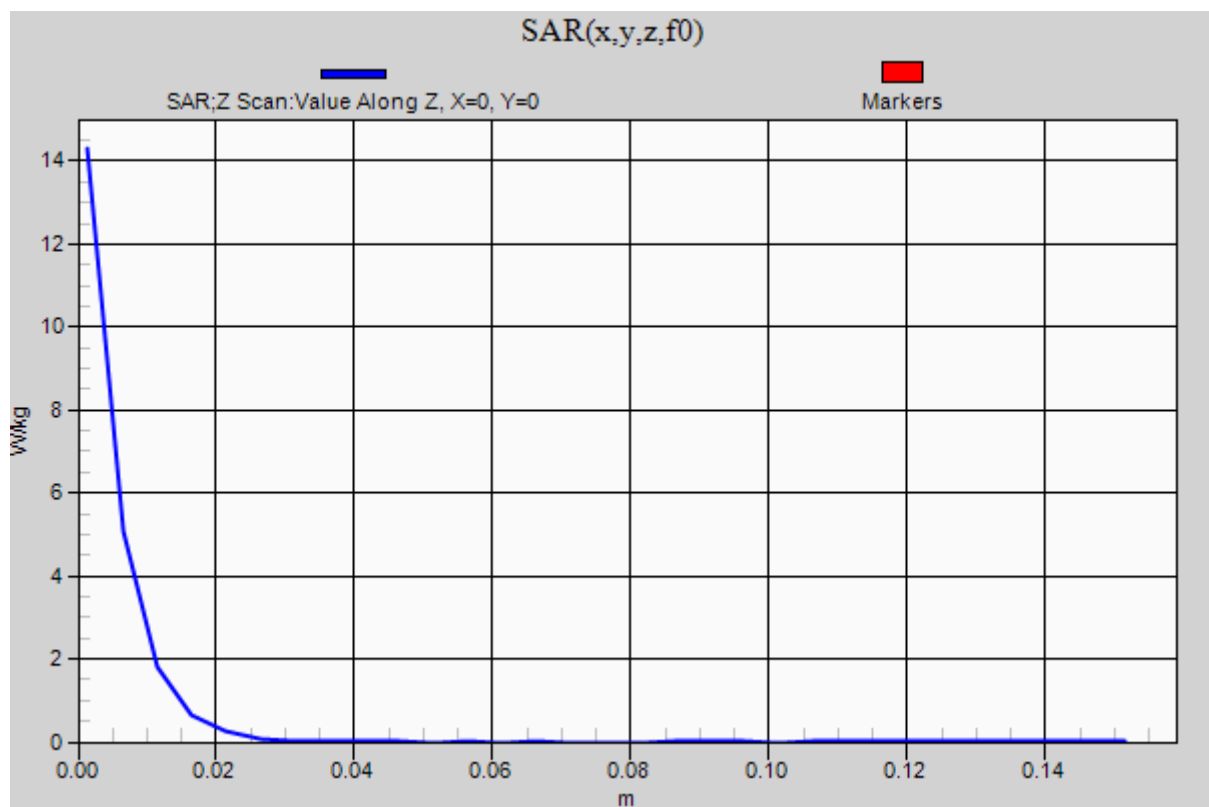
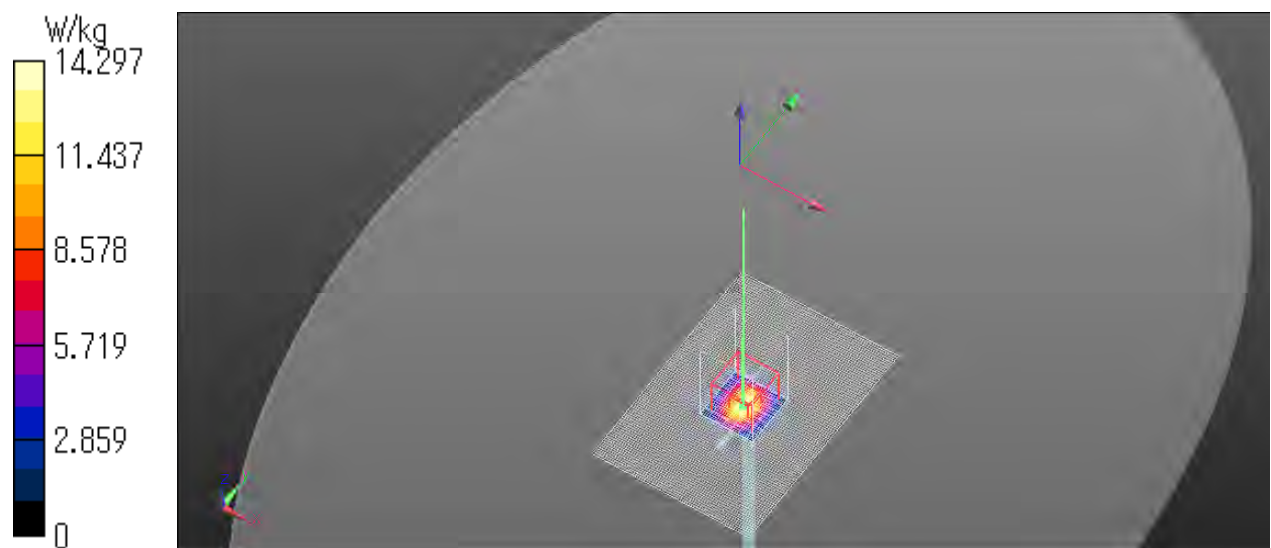
Ratio of SAR at M2 to SAR at M1 = 75.2 %

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: DASY5 (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/m<sup>3</sup>  
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

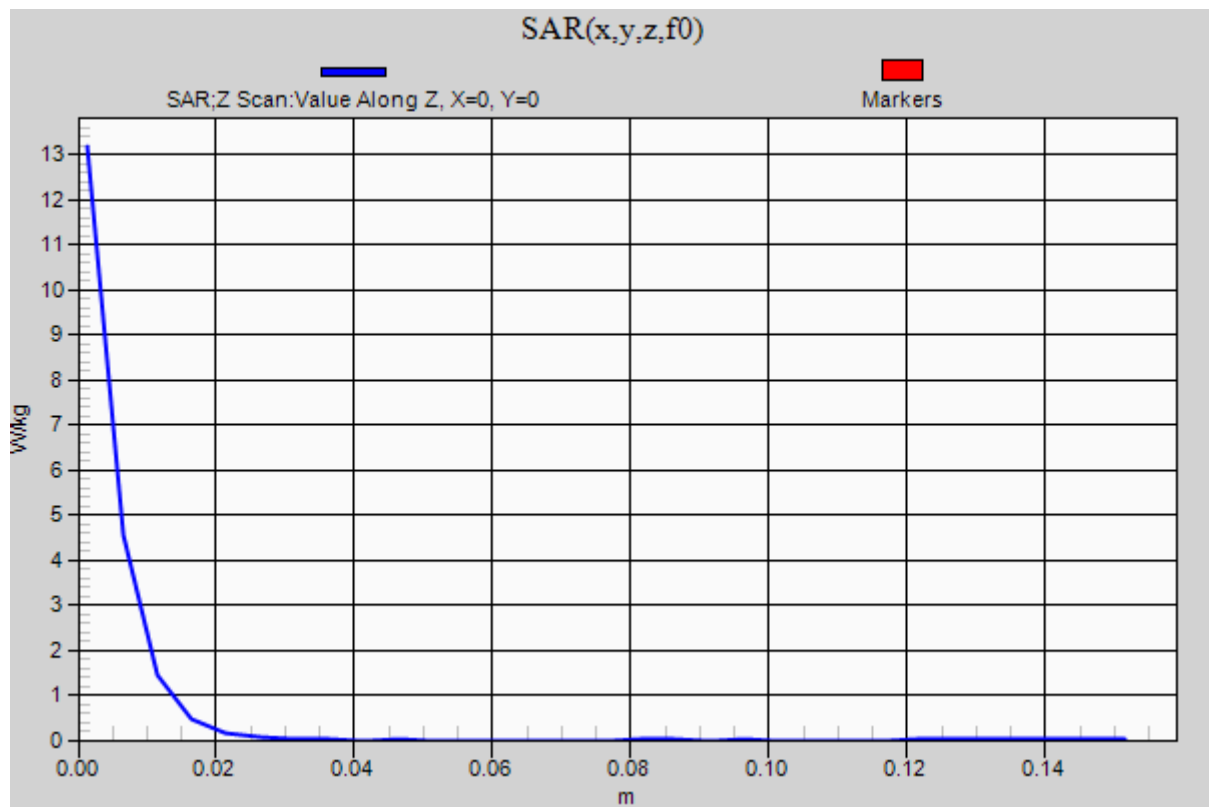
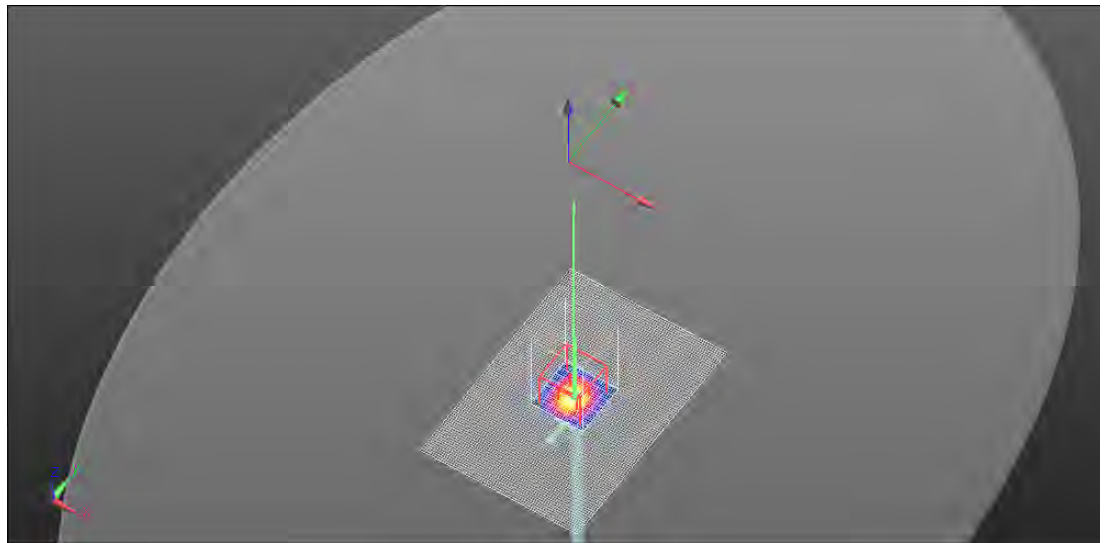
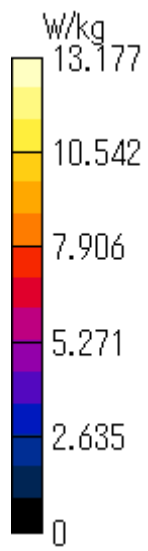
**Software info** DASY52 52.10.4(1535) SEMCAD X 14.6.14(7501)

**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: 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;  $\sigma = 1.891$  S/m;  $\epsilon_r = 38.245$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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 52.10.4(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

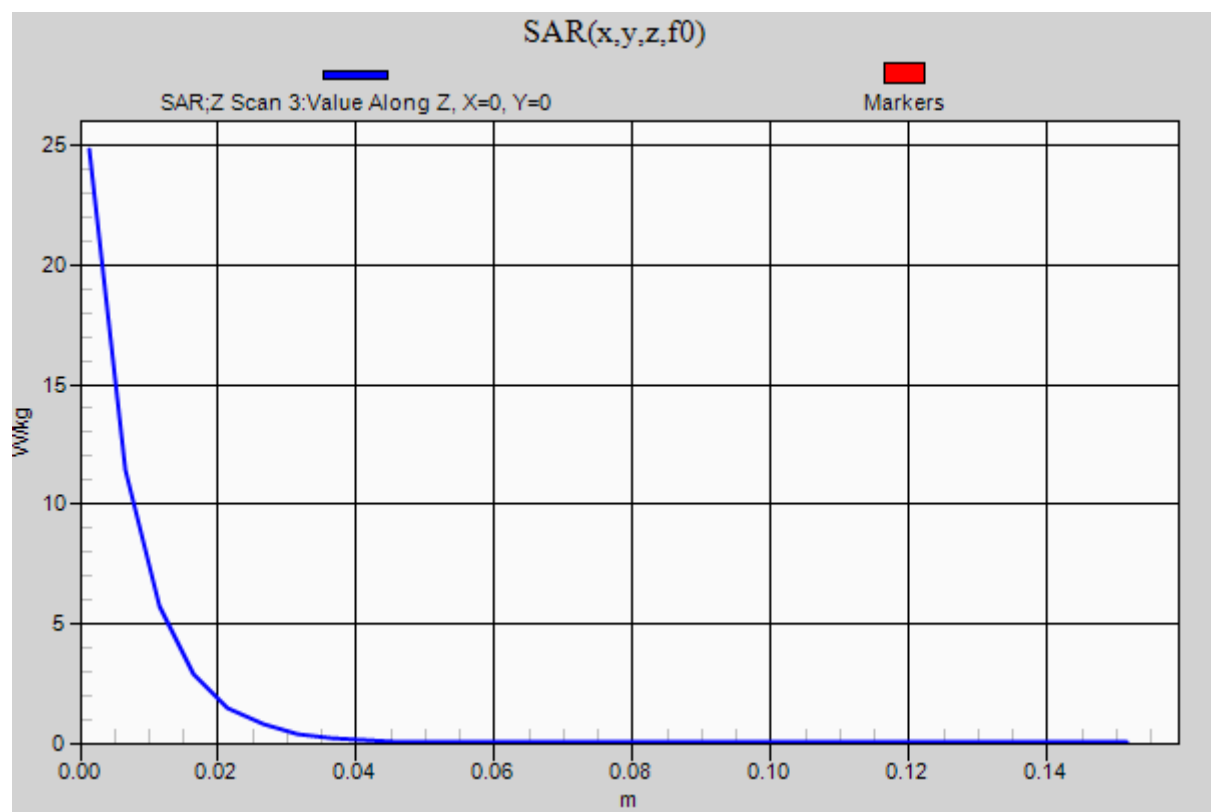
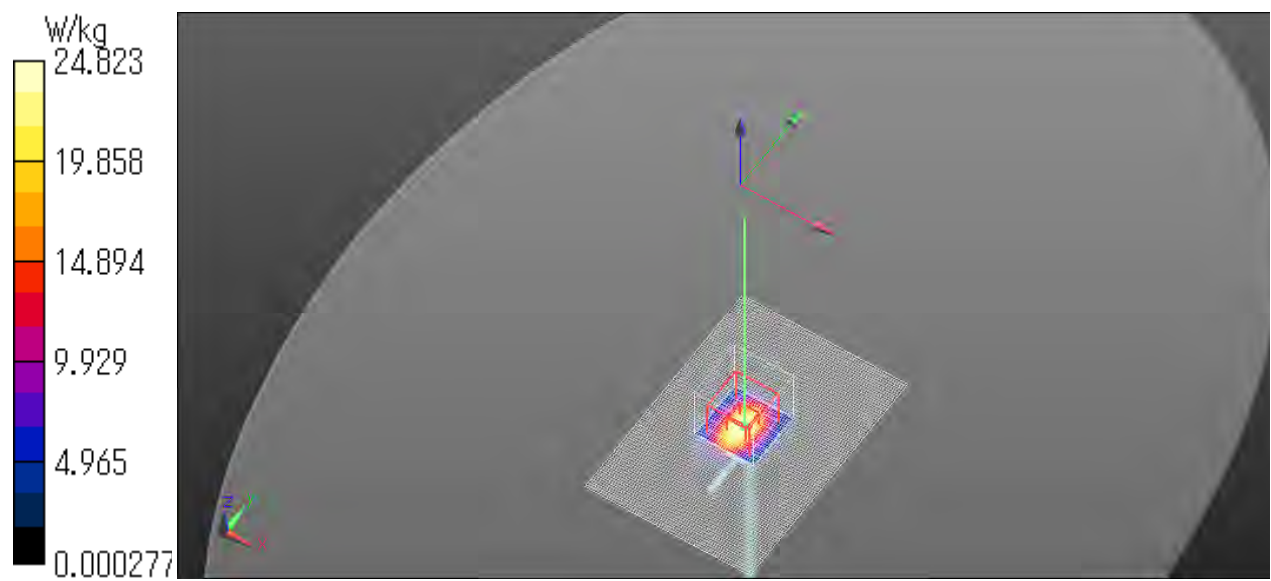
Ratio of SAR at M2 to SAR at M1 = 45.9 %

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: 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;  $\sigma = 1.761$  S/m;  $\epsilon_r = 38.269$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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) = 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

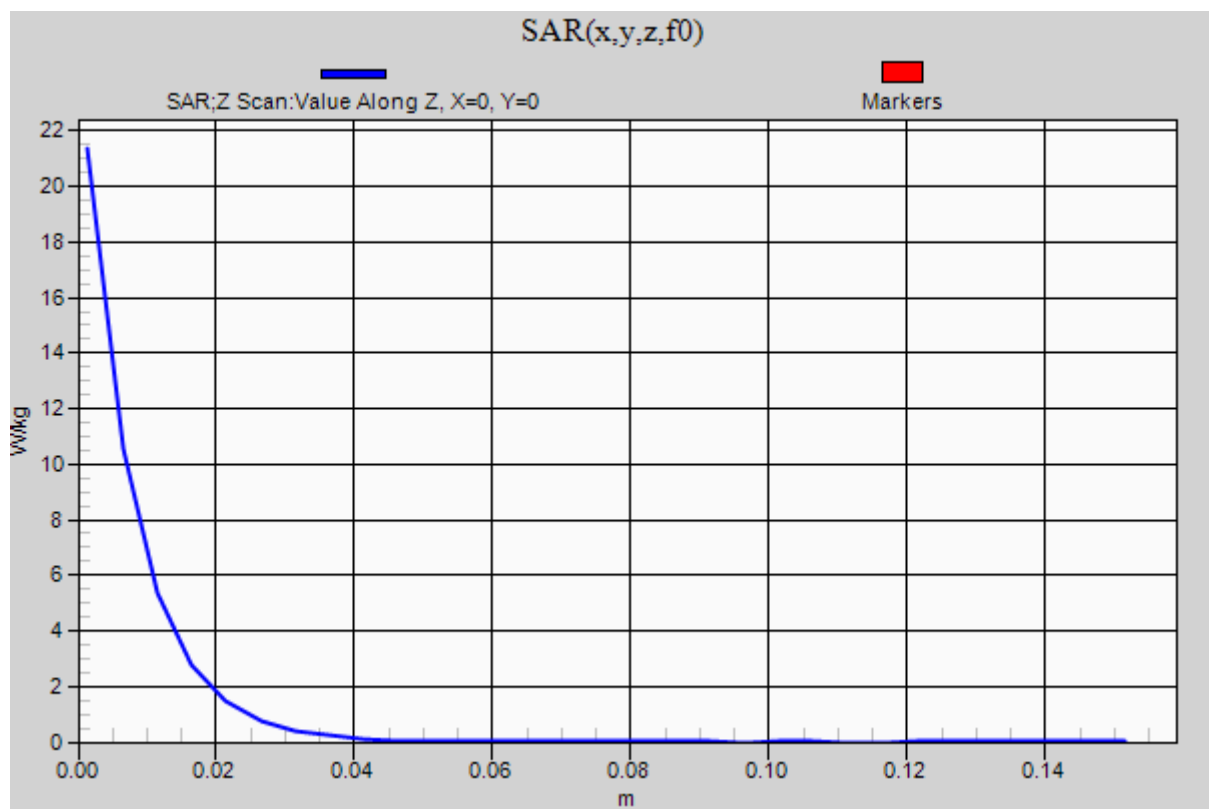
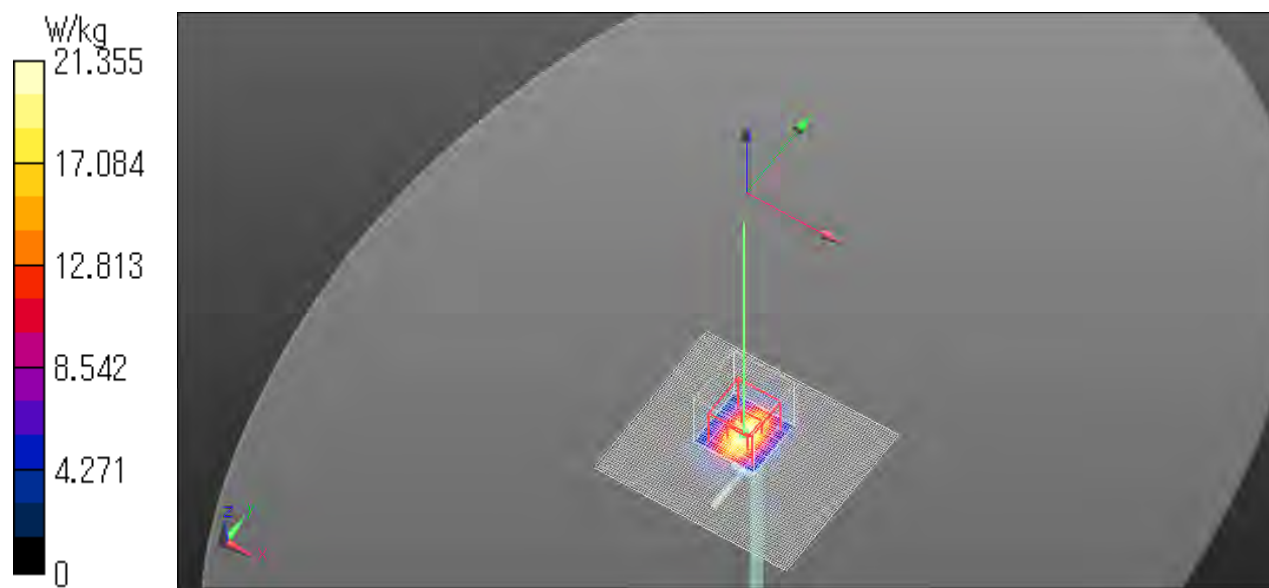
Ratio of SAR at M2 to SAR at M1 = 49.8 %

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/m<sup>3</sup>

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

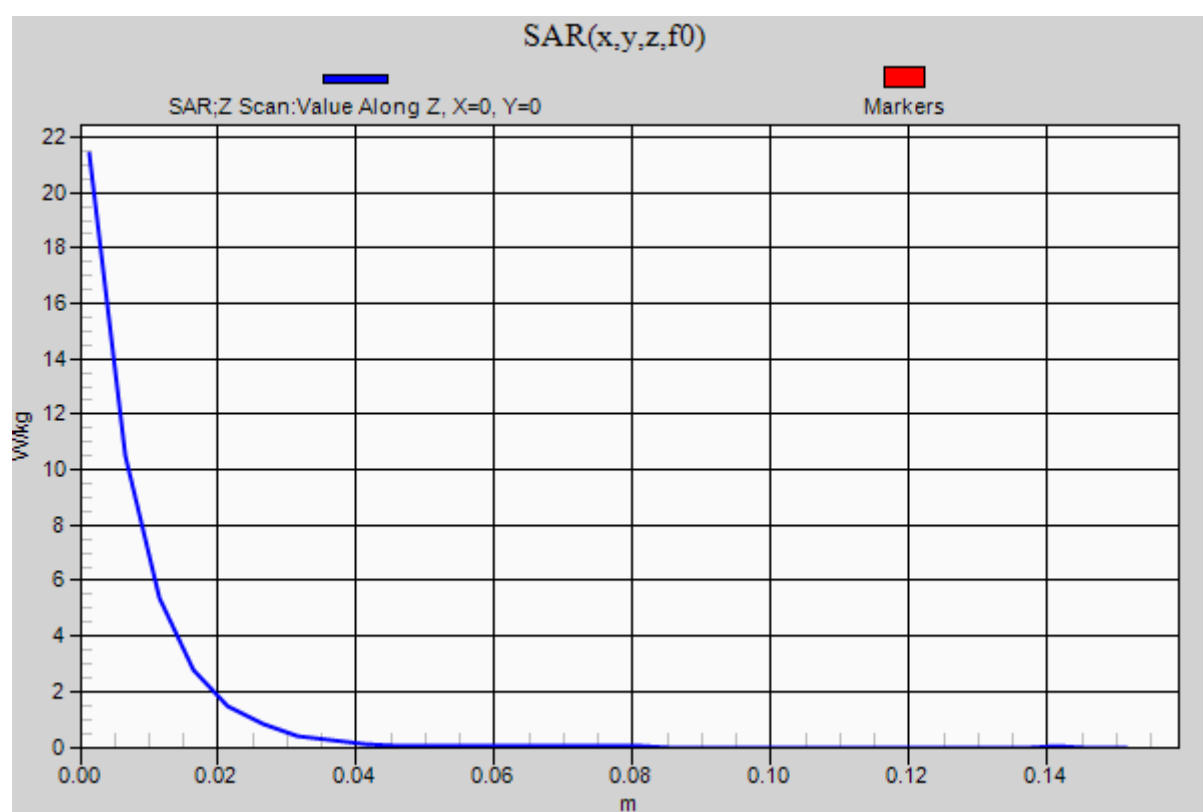
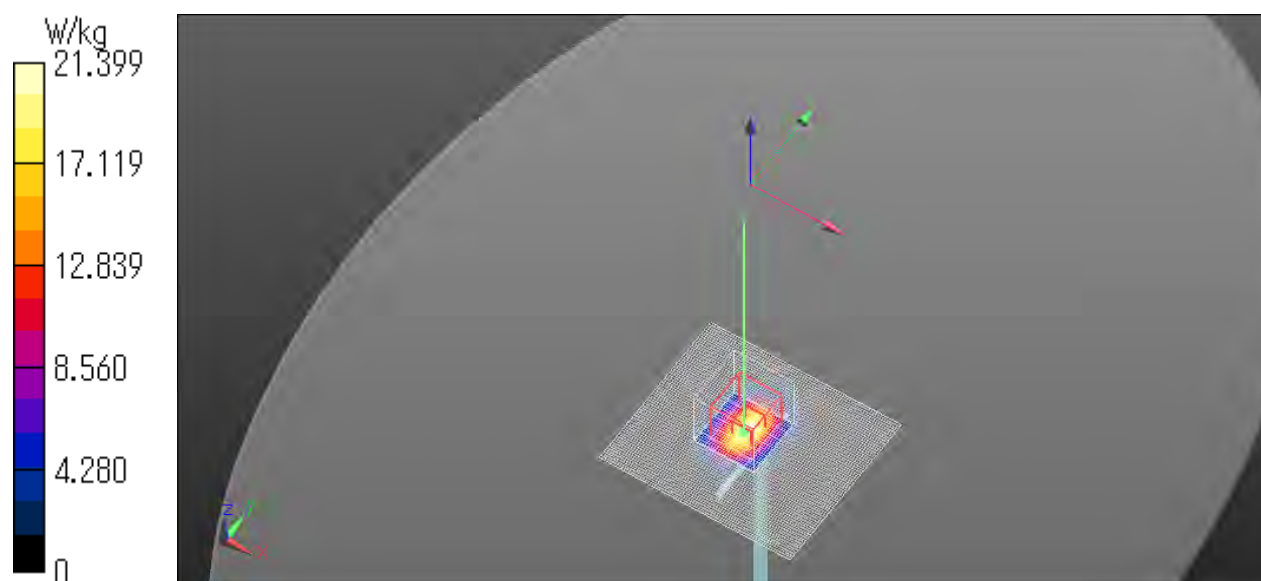
Ratio of SAR at M2 to SAR at M1 = 50.3 %

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: 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;  $\sigma = 1.345$  S/m;  $\epsilon_r = 39.812$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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) = 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

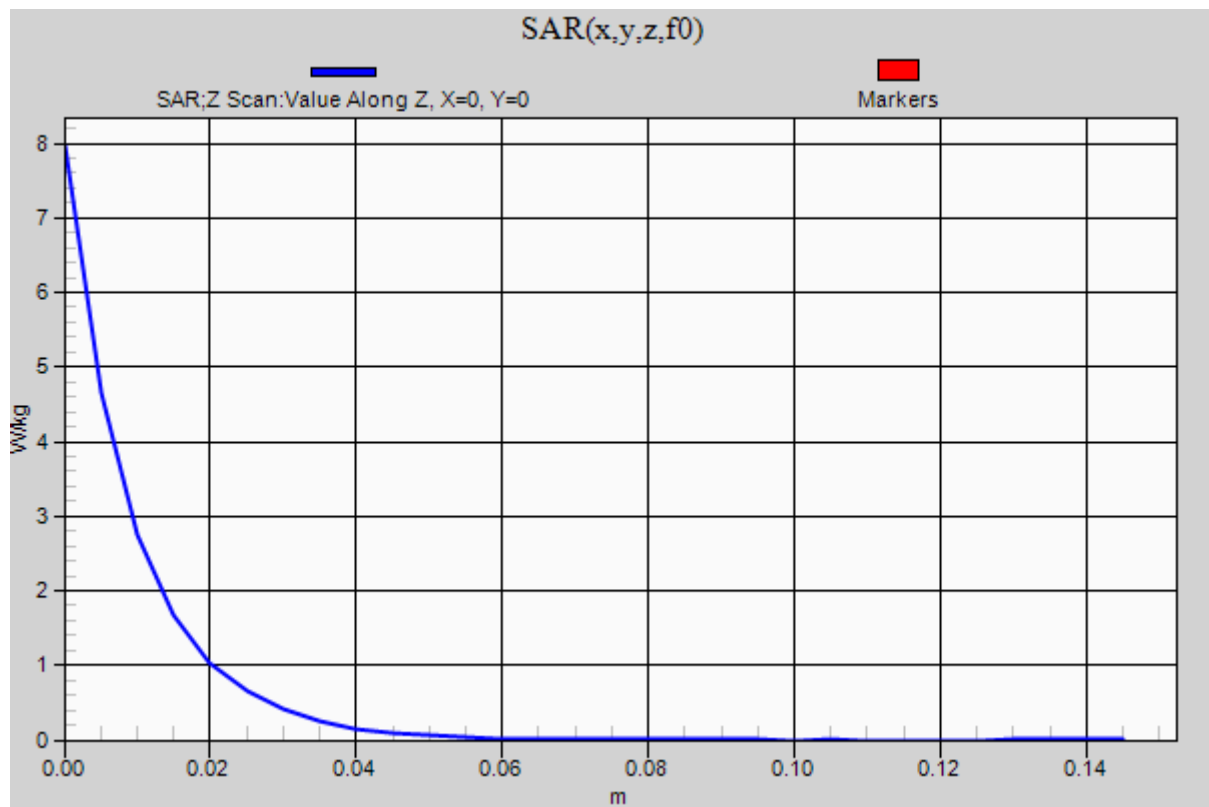
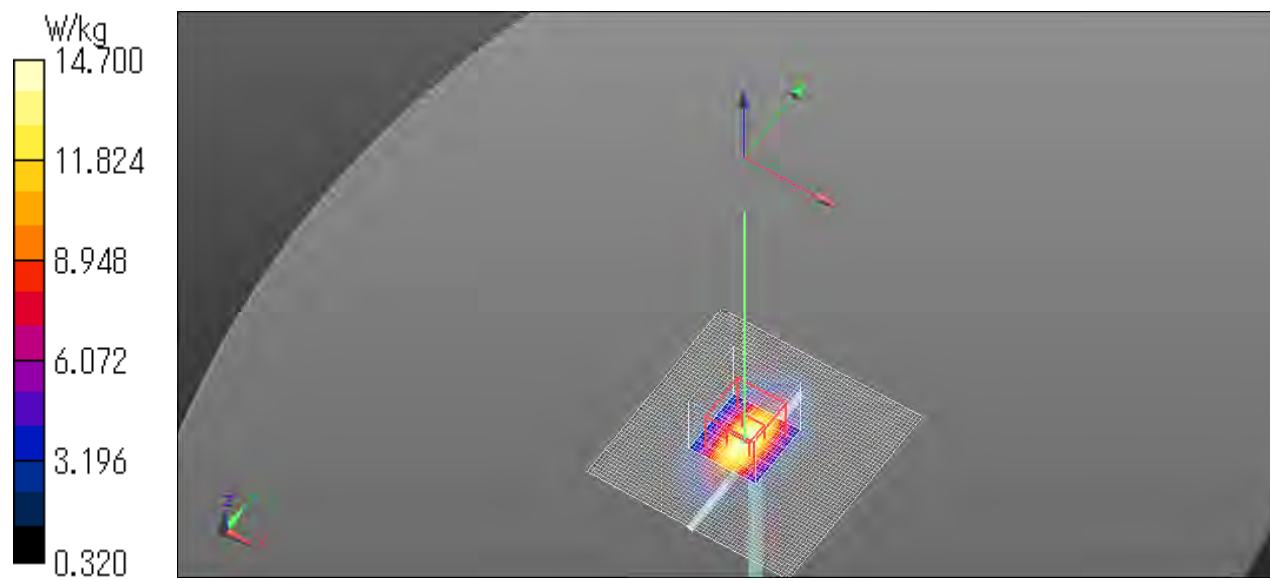
Ratio of SAR at M2 to SAR at M1 = 53.4 %

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: 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;  $\sigma = 1.888$  S/m;  $\epsilon_r = 38.564$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
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

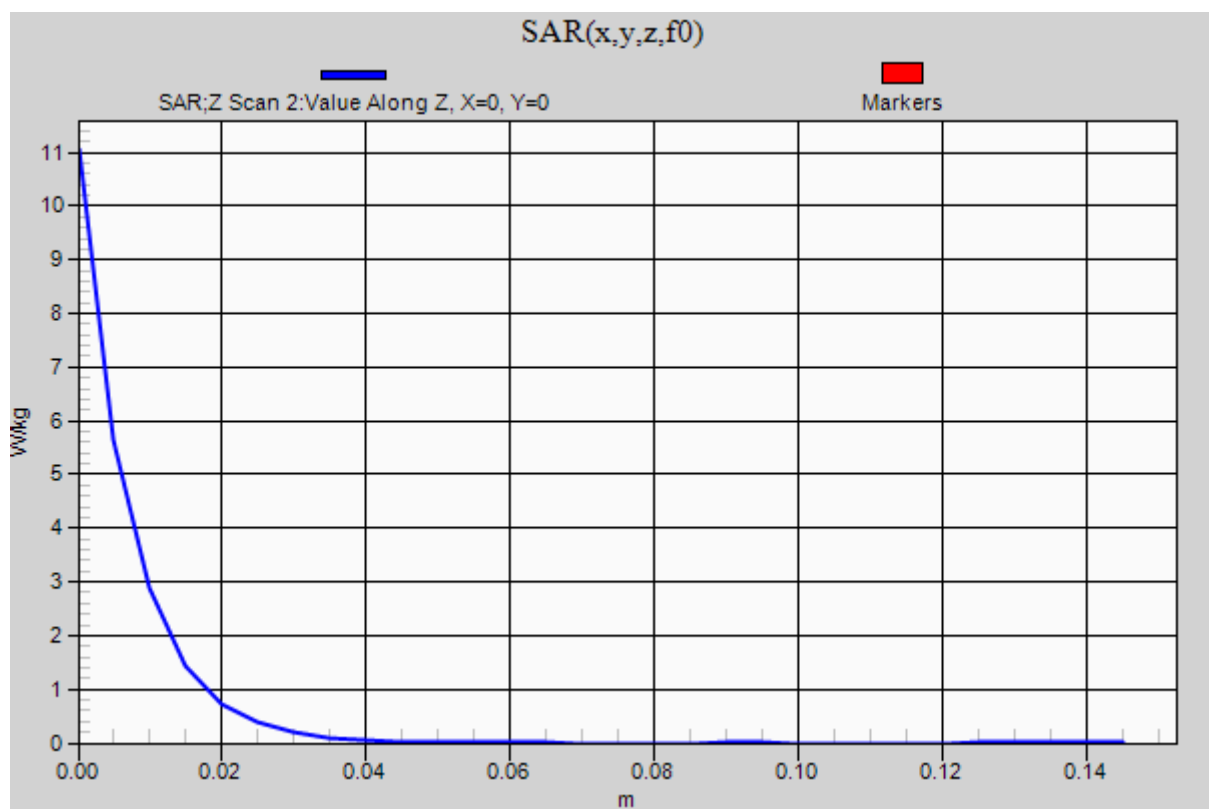
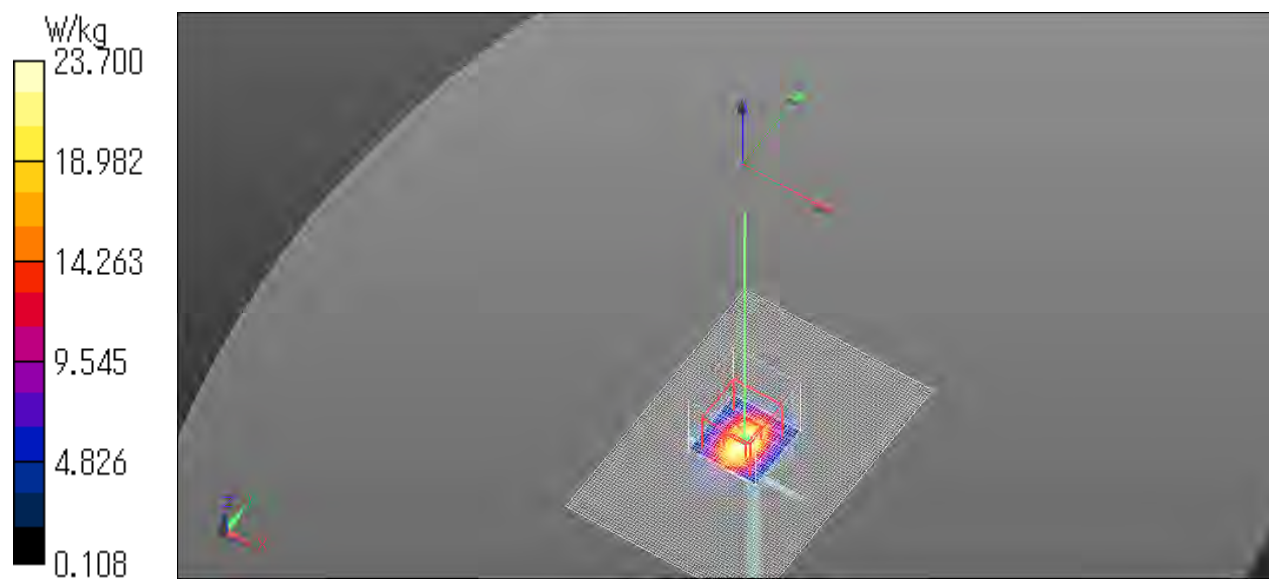
**Software info** DASY52 52.10.4(1535) SEMCAD X 14.6.14(7501)

**Configuration 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: 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;  $\sigma = 2.93$  S/m;  $\epsilon_r = 37.826$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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 52.10.4(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

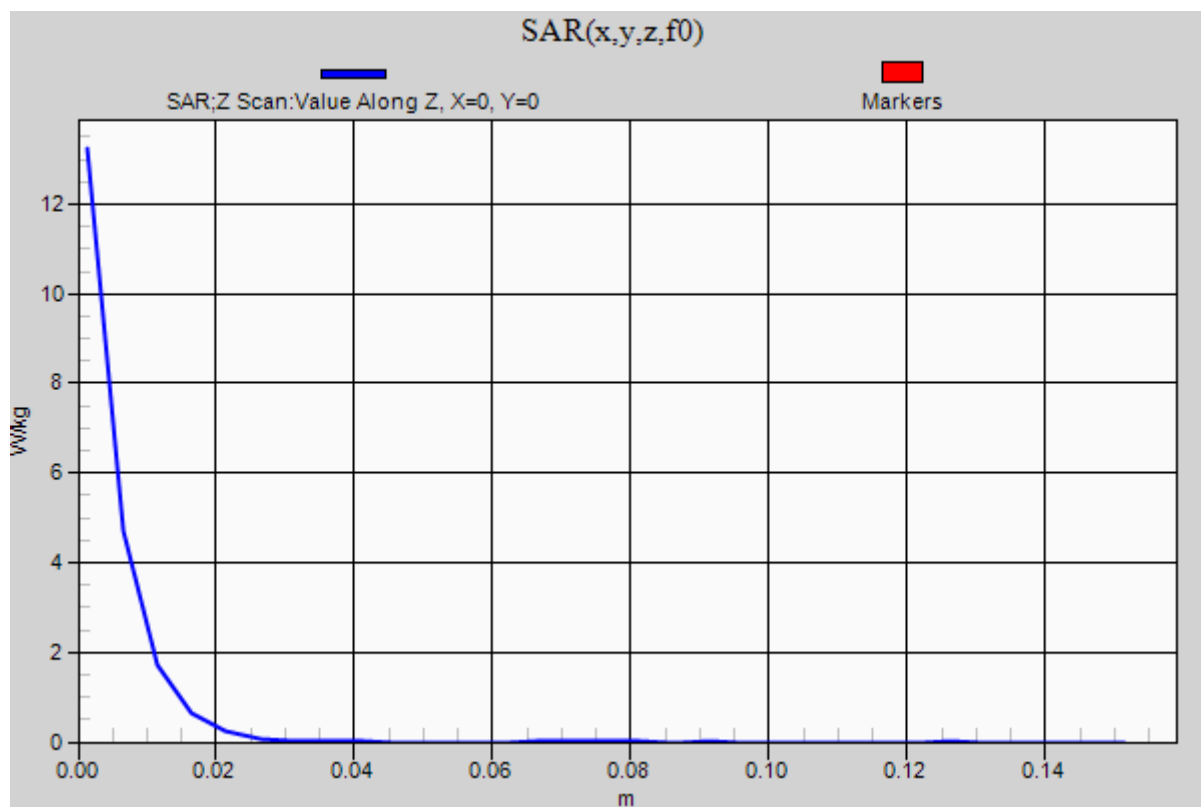
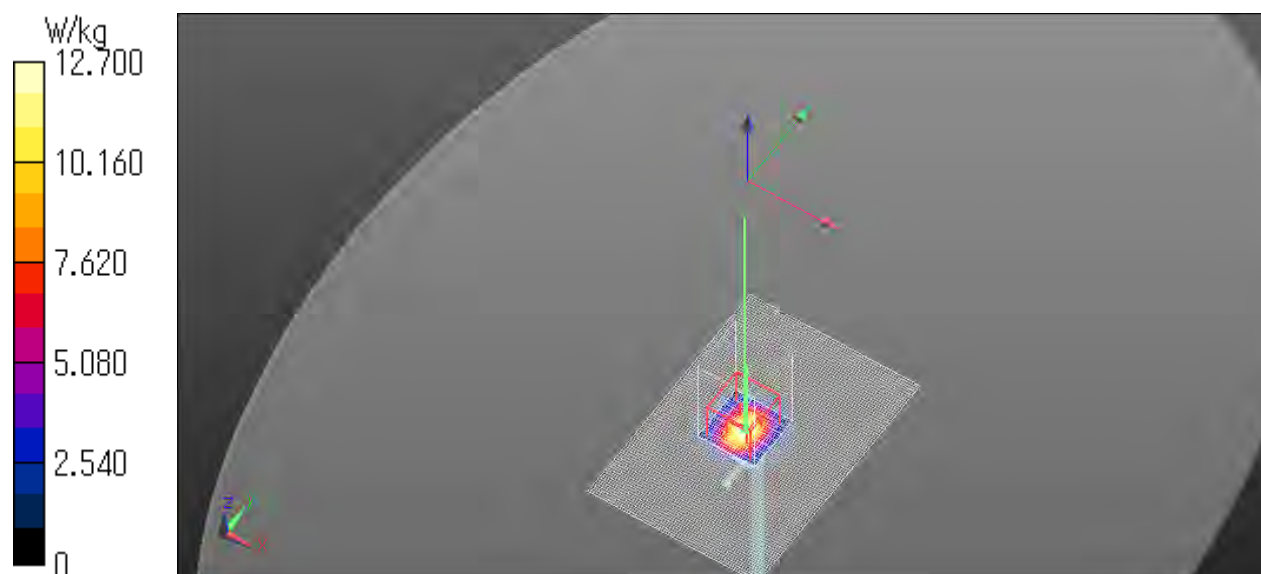
Ratio of SAR at M2 to SAR at M1 = 74.5 %

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: DASY5 (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/m<sup>3</sup>

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)

**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

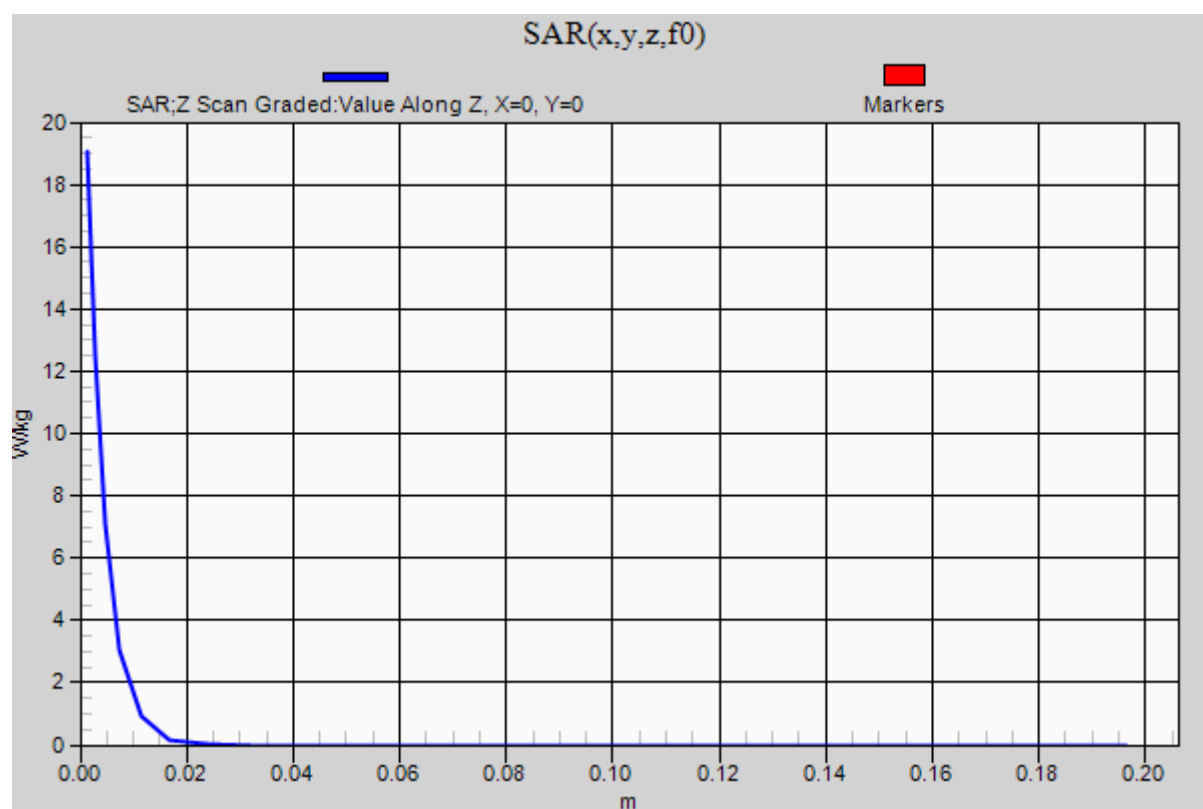
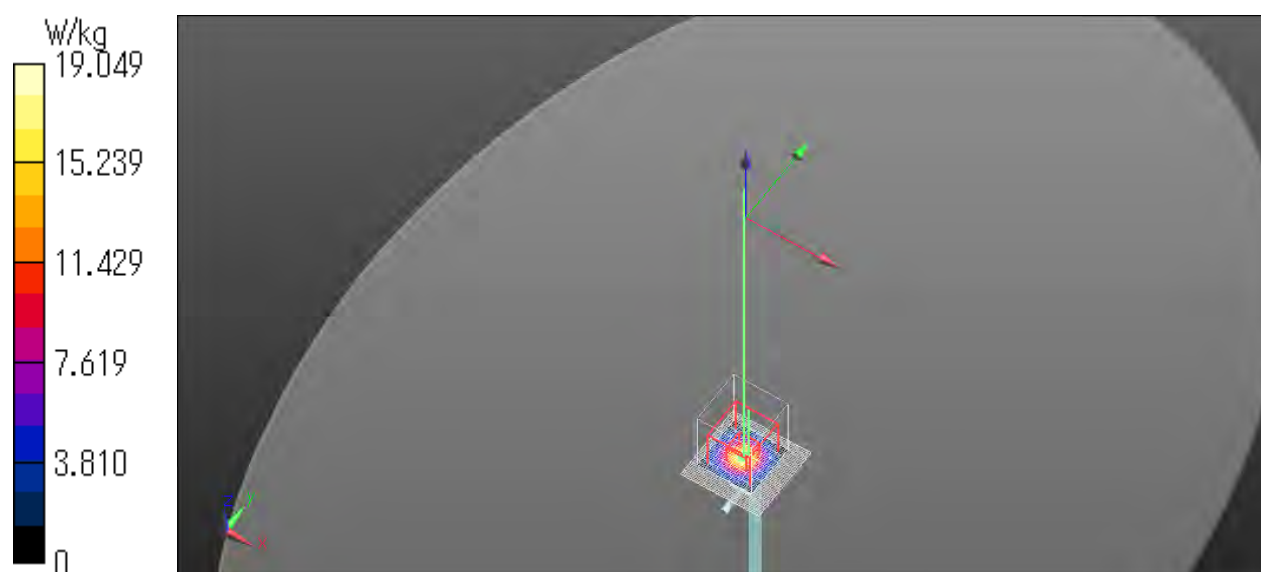
Ratio of SAR at M2 to SAR at M1 = 66.4 %

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: DASY5 (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/m<sup>3</sup>

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)

**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

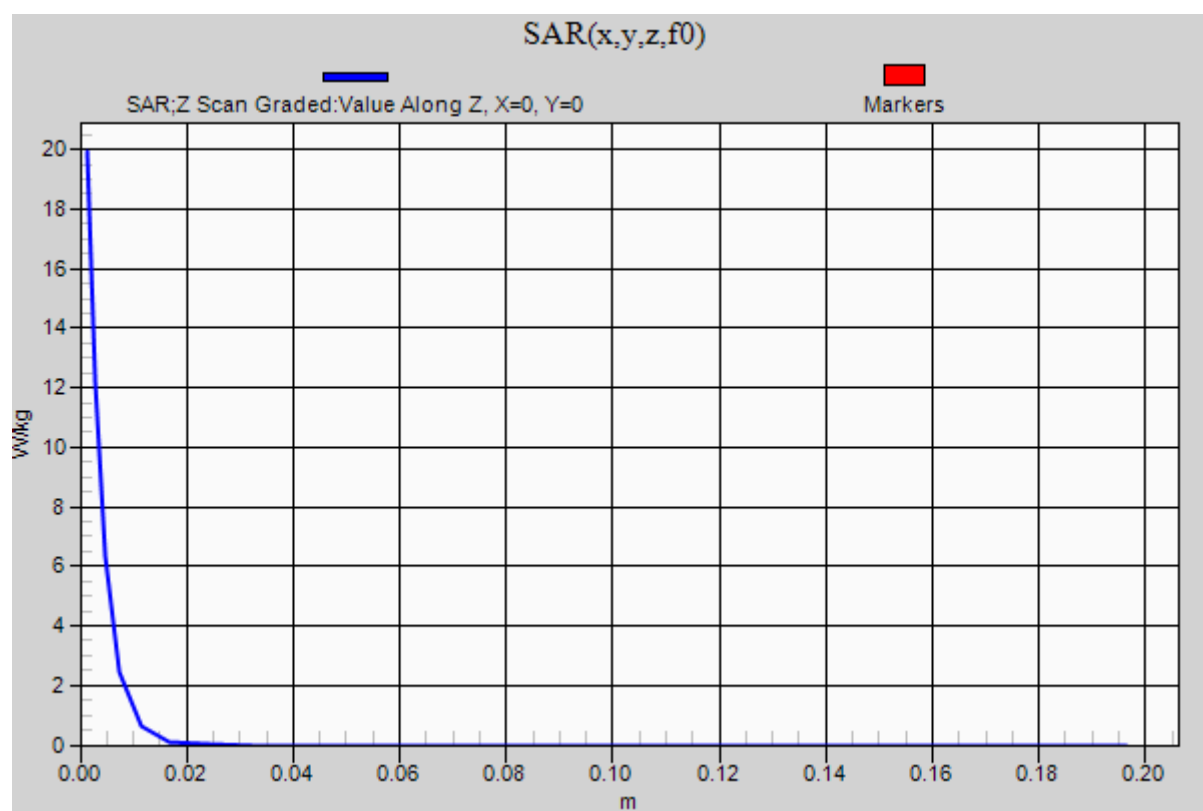
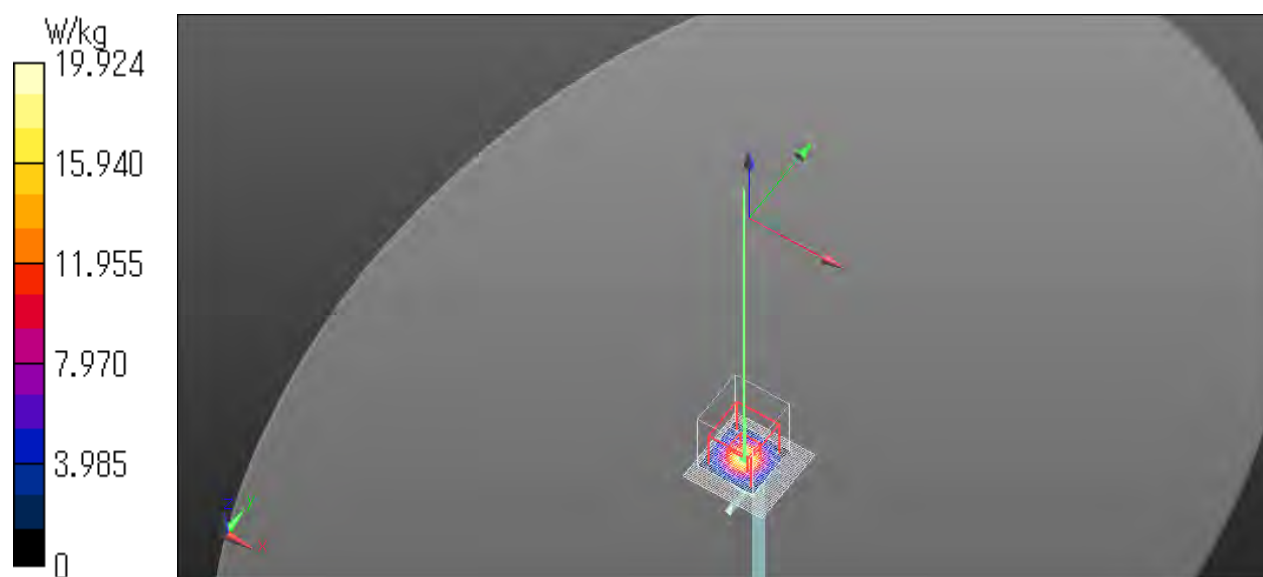
Ratio of SAR at M2 to SAR at M1 = 62.2 %

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             |               | 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 [cm²]        | 1.00              |
| Sensor Surface [mm] | 10.0          | psPDn+ [W/m²]          | 54.4              |
| MAIA                | N/A           | psPDtot+ [W/m²]        | 54.5              |
|                     |               | psPDmod+ [W/m²]        | 54.9              |
|                     |               | E <sub>max</sub> [V/m] | 149               |
|                     |               | Power Drift [dB]       | 0.00              |

Warning(s) / Error(s)

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

