

Appendix D System Check

D.1 System check result Body 2450MHz
D.2 20210705_SAR3_3500 MHz System Check

20210705_SAR3_3400MHz_3900MHz System Check

Communication System: UID 0, #CW (0); Communication System Band: ITD3500 (3500.0 MHz); ; Duty Cycle: 1:1

Medium parameters used: $f = 3500$ MHz; $\sigma = 3.185$ S/m; $\epsilon_r = 48.884$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration

Probe: EX3DV4 - SN3917; ConvF(6.4, 6.4, 6.4) @ 3500 MHz;

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1372;

Phantom: ELI v4.0 (20deg probe tilt); Type: QDOVA001BB;Serial: TP:1045

Measurement SW: DASY52, Version 52.10 (3);SEMCAD X Version 14.6.13 (7474)

Pin 3500MHz/100mW START - Find Maximum/Area Scan (51x51x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 12.2 W/kg

Pin 3500MHz/100mW/Zoom Scan, dist=1.4mm (8x8x8)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

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

Peak SAR (extrapolated) = 16.4 W/kg

SAR(1 g) = 6.55 W/kg; SAR(10 g) = 2.44 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 7.9 mm

Ratio of SAR at M2 to SAR at M1 = 77.7%

Maximum value of SAR (measured) = 12.3 W/kg

Pin 3500MHz/100mW/Z Scan, Uniform (1x1x33): Measurement grid: dx=20mm, dy=20mm, dz=1.4mm

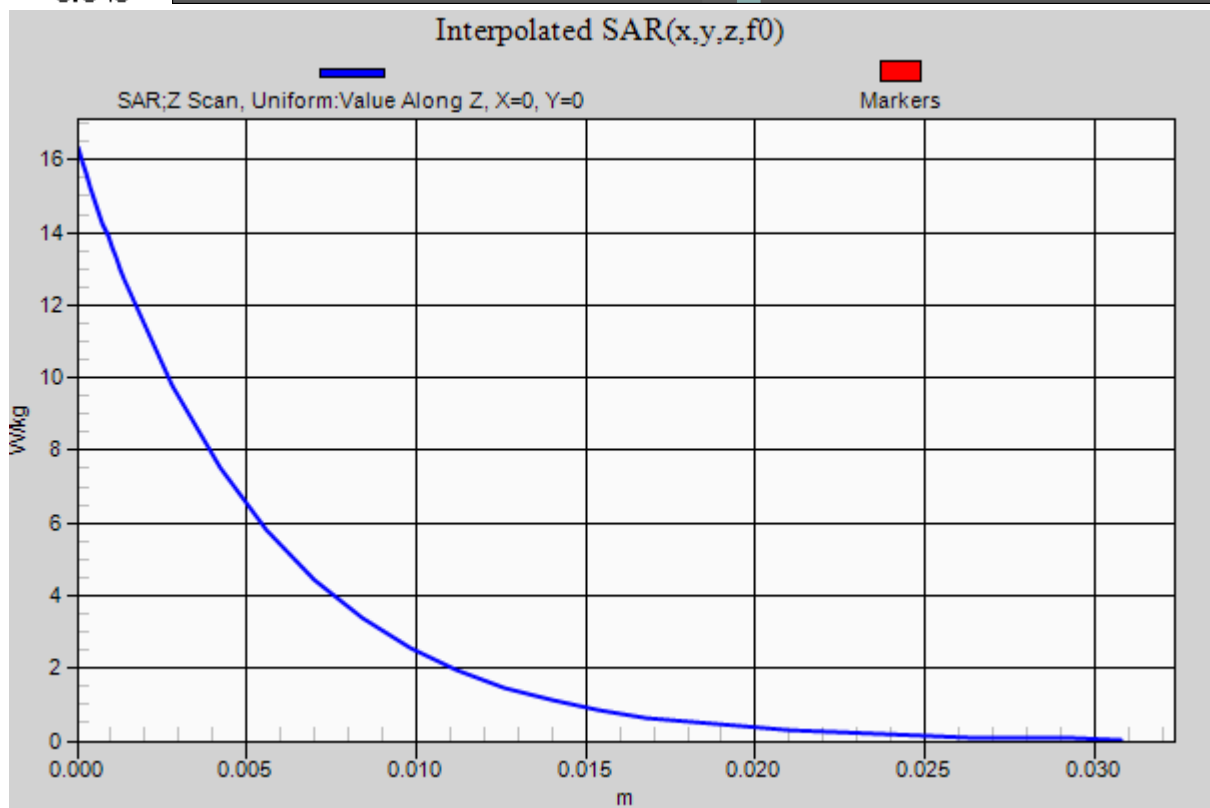
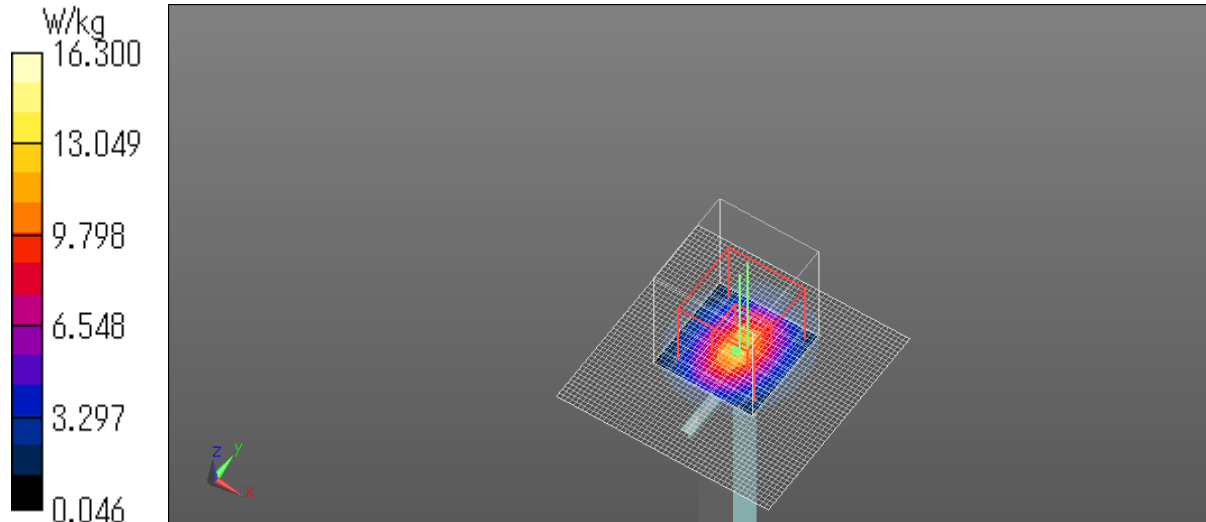
Penetration depth = 5.085 (5.527, 5.144) [mm]

Maximum value of SAR (interpolated) = 16.3 W/kg

Ambient Temp. : 19.0 degree.C. Liquid Temp.; 19 degree.C.

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

Date: 2021/07/05



D.3 20210705_SAR3_3700 MHz System Check

20210705_SAR3_3400MHz_3900MHz System Check

Communication System: UID 0, #CW (0); Communication System Band: D3700 (3700.0 MHz); ; Duty Cycle: 1:1

Medium parameters used: $f = 3700$ MHz; $\sigma = 3.458$ S/m; $\epsilon_r = 49.369$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration

Probe: EX3DV4 - SN3917; ConvF(6.21, 6.21, 6.21) @ 3700 MHz;

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1372;

Phantom: ELI v4.0 (20deg probe tilt); Type: QDOVA001BB;Serial: TP:1045

Measurement SW: DASY52, Version 52.10 (3);SEMCAD X Version 14.6.13 (7474)

Pin 3700MHz/100mW START - Find Maximum/Area Scan (51x51x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 12.1 W/kg

Pin 3700MHz/100mW/Zoom Scan, dist=1.4mm (8x8x8)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 62.90 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 17.1 W/kg

SAR(1 g) = 6.37 W/kg; SAR(10 g) = 2.27 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 7.9 mm

Ratio of SAR at M2 to SAR at M1 = 75.7%

Maximum value of SAR (measured) = 12.2 W/kg

Pin 3700MHz/100mW/Z Scan, Uniform (1x1x33): Measurement grid: dx=20mm, dy=20mm, dz=1.4mm

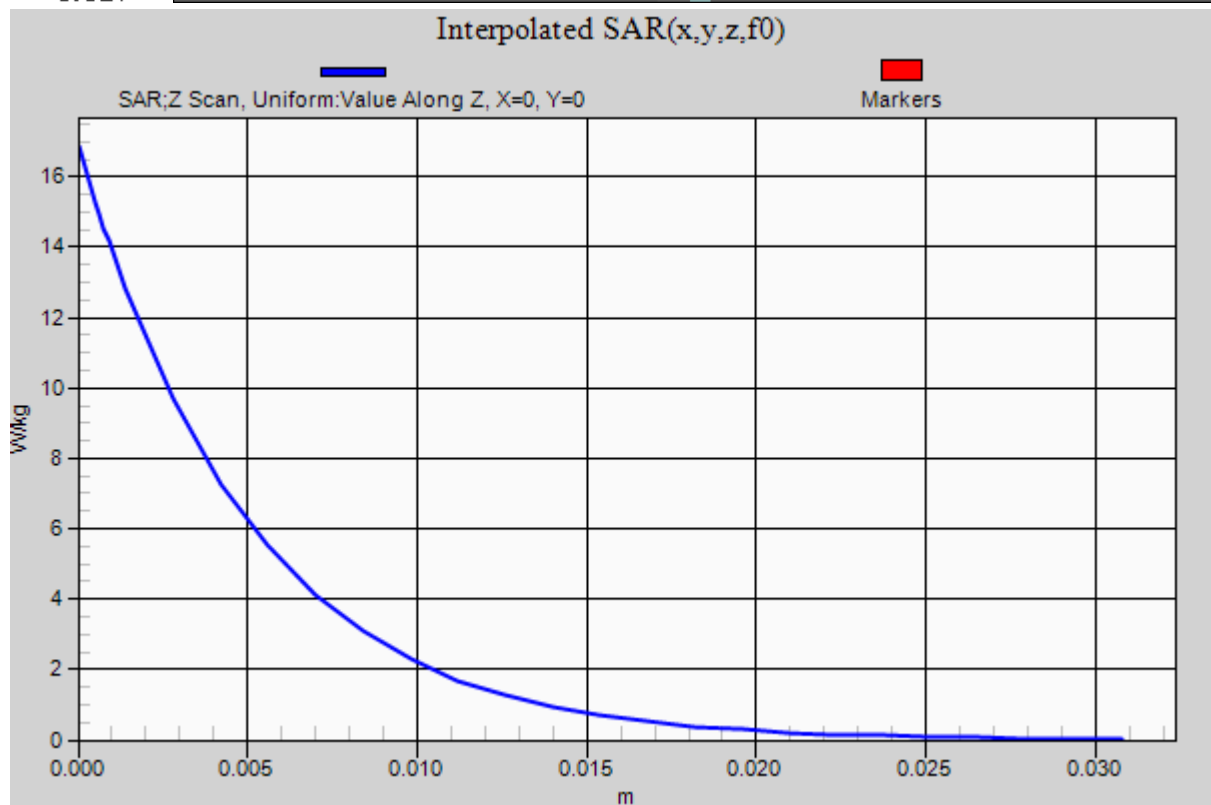
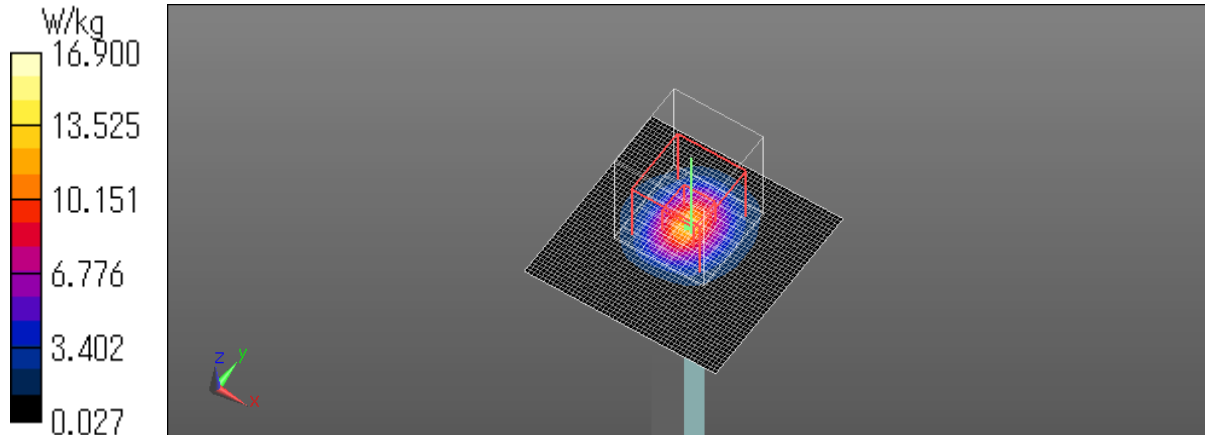
Penetration depth = 4.756 (5.099, 4.793) [mm]

Maximum value of SAR (interpolated) = 16.9 W/kg

Ambient Temp. : 19.0 degree.C. Liquid Temp.; 19 degree.C.

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

Date: 2021/07/05



D.4 20210712_SAR3_750 MHz System Check

Communication System: UID 0, #CW (0); Communication System Band: D750 (750.0 MHz); ; Duty Cycle: 1:1
Medium parameters used: $f = 750$ MHz; $\sigma = 1.006$ S/m; $\epsilon_r = 53.546$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration

Probe: EX3DV4 - SN3917; ConvF(9.72, 9.72, 9.72) @ 750 MHz;

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1369;

Phantom: ELI v4.0 (20deg probe tilt); Type: QDOVA001BB;Serial: TP:1045

Measurement SW: DASY52, Version 52.10 (3);SEMCAD X Version 14.6.13 (7474)

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

Maximum value of SAR (interpolated) = 3.06 W/kg

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

Reference Value = 57.29 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 3.51 W/kg

SAR(1 g) = 2.31 W/kg; SAR(10 g) = 1.54 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 17.5 mm

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

Maximum value of SAR (measured) = 3.09 W/kg

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

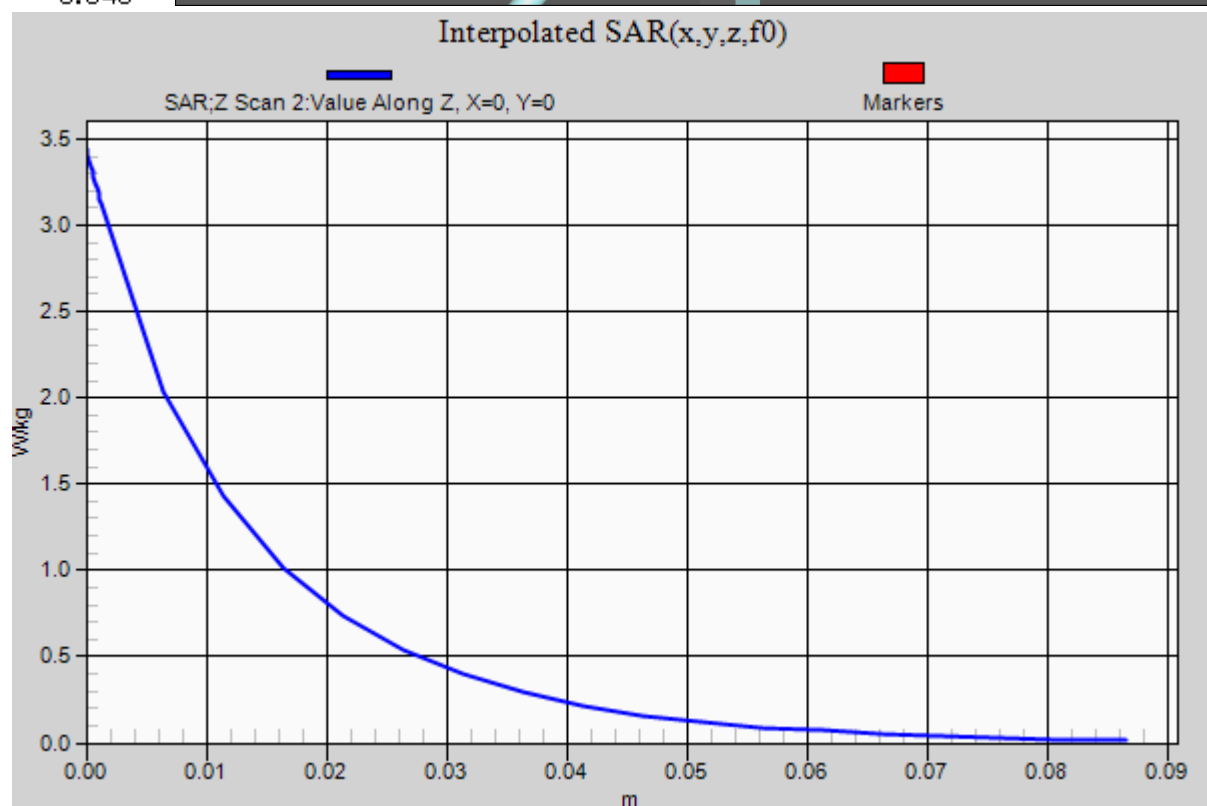
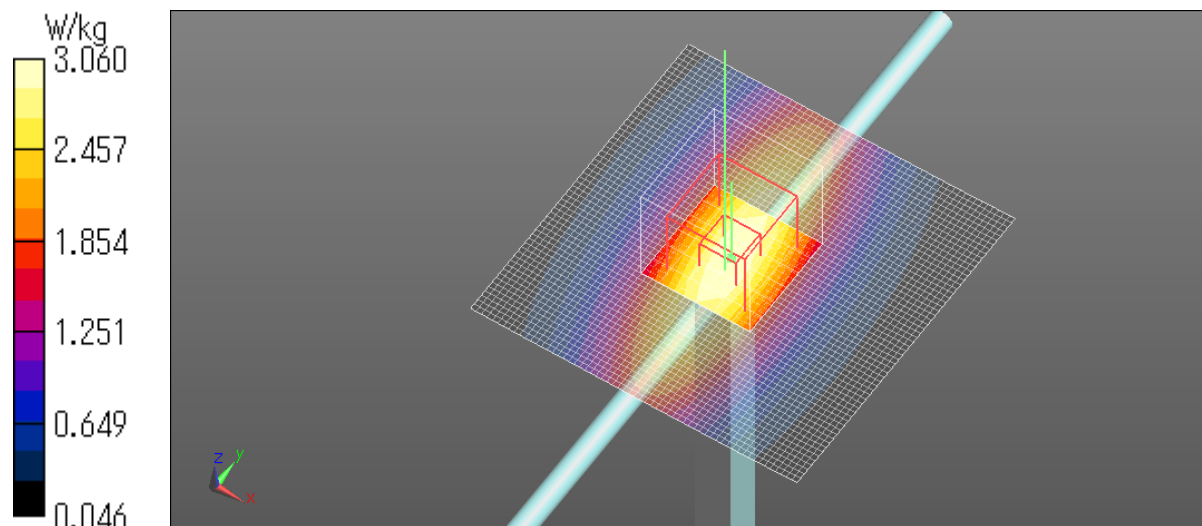
Penetration depth = 13.98 (12.01, 14.81) [mm]

Maximum value of SAR (interpolated) = 3.44 W/kg

Ambient Temp. : 21.0 degree.C. Liquid Temp.; 21 degree.C.

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

Date: 2021/07/12



D.5 20210714_SAR3_1750 MHz System Check

Communication System: UID 0, #CW (0); Communication System Band: D1750 (1750.0 MHz); ; Duty Cycle: 1:1

Medium parameters used: $f = 1750$ MHz; $\sigma = 1.501$ S/m; $\epsilon_r = 51.19$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration

Probe: EX3DV4 - SN3917; ConvF(7.95, 7.95, 7.95) @ 1750 MHz;

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1369;

Phantom: ELI v4.0 (20deg probe tilt); Type: QDOVA001BB;Serial: TP:1045

Measurement SW: DASY52, Version 52.10 (3);SEMCAD X Version 14.6.13 (7474)

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

Maximum value of SAR (interpolated) = 13.2 W/kg

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

Reference Value = 97.13 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 15.5 W/kg

SAR(1 g) = 8.59 W/kg; SAR(10 g) = 4.52 W/kg (SAR corrected for target medium)

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

Ratio of SAR at M2 to SAR at M1 = 56.1%

Warning: Maximum averaged SAR over 10 g is located on the boundary of the measurement cube. This cube might not incorporate the absolute averaged SAR. Please consider a refinement of the Area Scan measurement.

Maximum value of SAR (measured) = 13.2 W/kg

Pin/250mW/Z Scan 2 (1x1x24): Measurement grid: dx=20mm, dy=20mm, dz=5mm

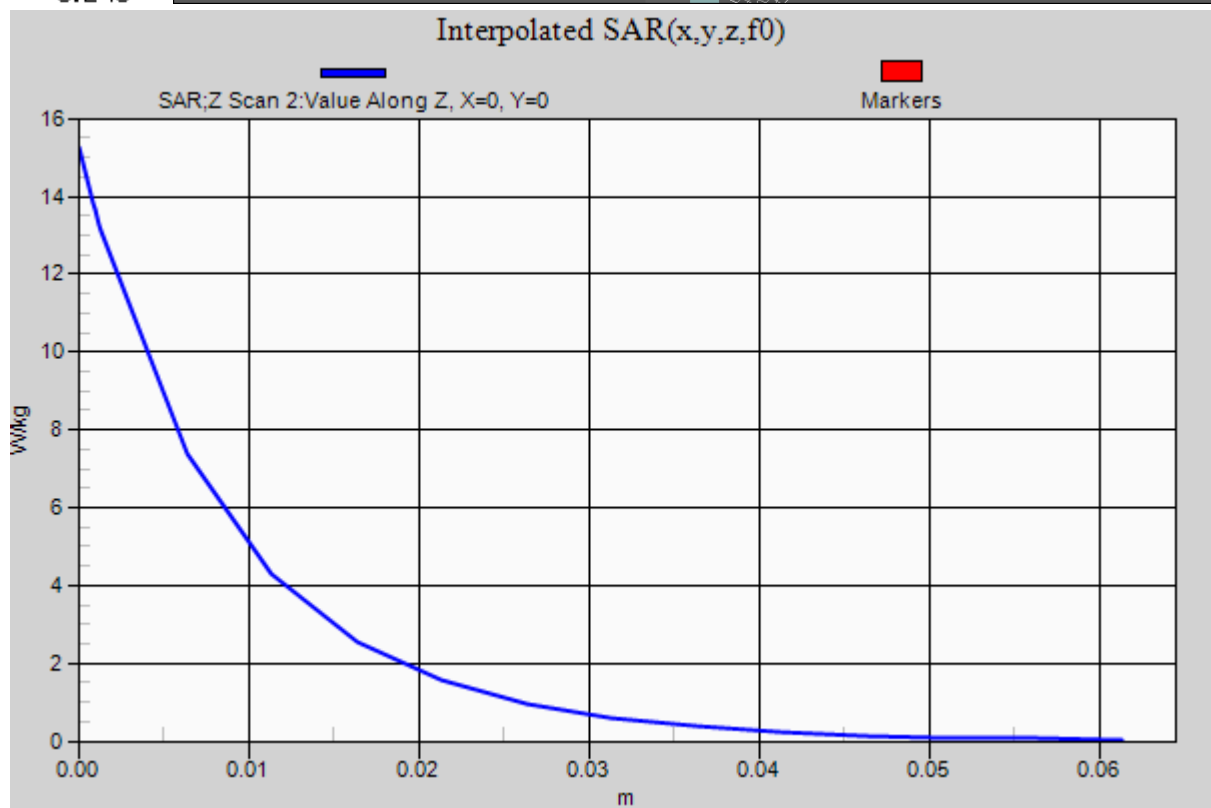
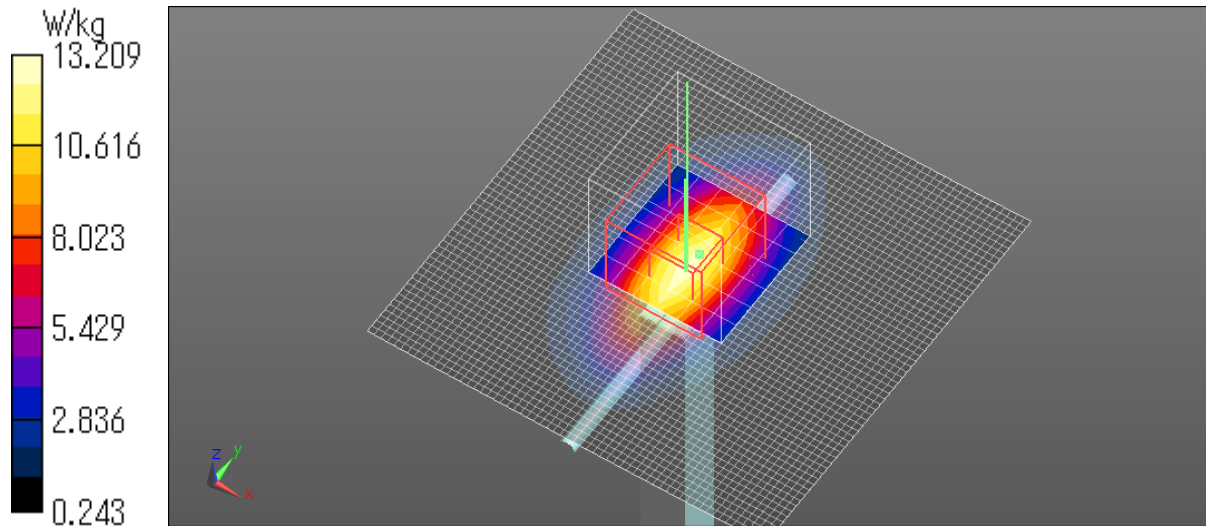
Penetration depth = 9.189 (8.740, 9.782) [mm]

Maximum value of SAR (interpolated) = 15.2 W/kg

Ambient Temp. : 23.0 degree.C. Liquid Temp.; 23 degree.C.

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

Date: 2021/07/14



D.6 20210715_SAR3_750 MHz System Check

Communication System: UID 0, #CW (0); Communication System Band: D750 (750.0 MHz); ; Duty Cycle: 1:1
Medium parameters used: $f = 750$ MHz; $\sigma = 0.994$ S/m; $\epsilon_r = 54.98$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration

Probe: EX3DV4 - SN3917; ConvF(9.72, 9.72, 9.72) @ 750 MHz;

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1369;

Phantom: ELI v4.0 (20deg probe tilt); Type: QDOVA001BB;Serial: TP:1045

Measurement SW: DASY52, Version 52.10 (3);SEMCAD X Version 14.6.13 (7474)

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

Maximum value of SAR (interpolated) = 2.90 W/kg

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

Reference Value = 55.98 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 3.34 W/kg

SAR(1 g) = 2.19 W/kg; SAR(10 g) = 1.45 W/kg (SAR corrected for target medium)

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

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

Maximum value of SAR (measured) = 2.93 W/kg

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

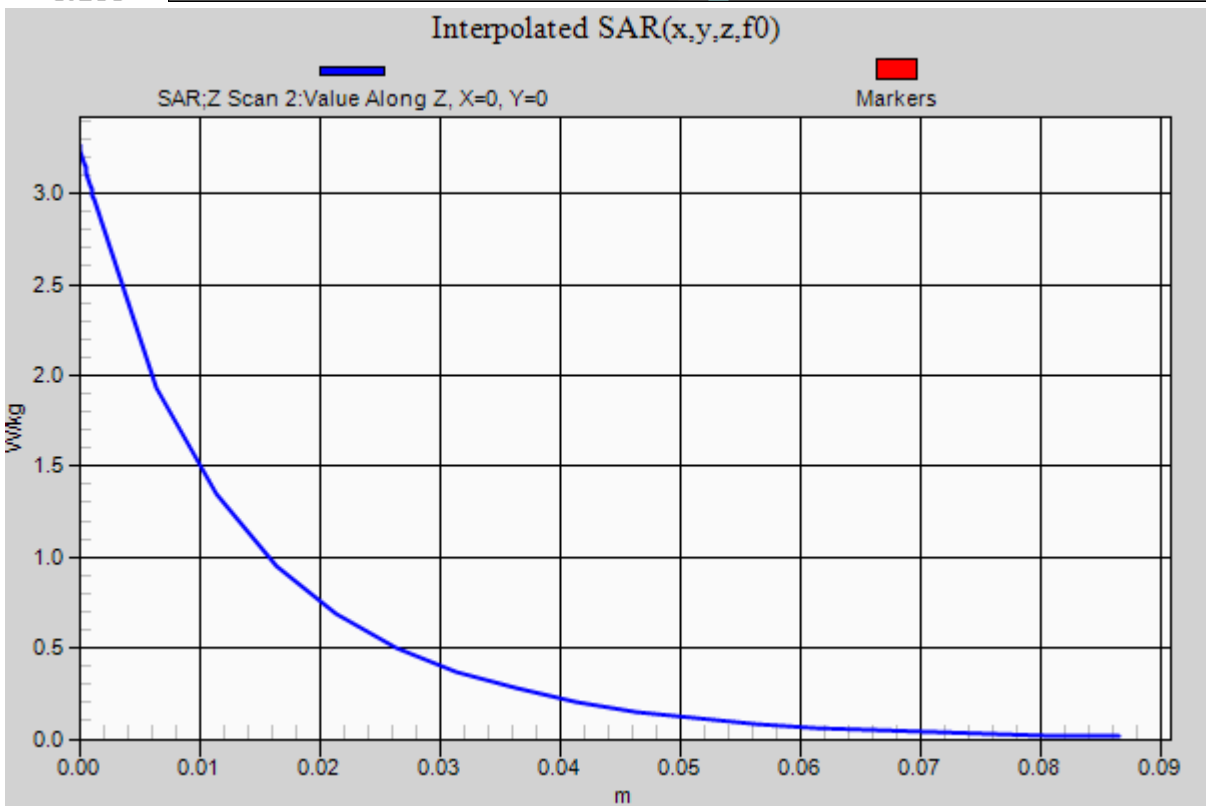
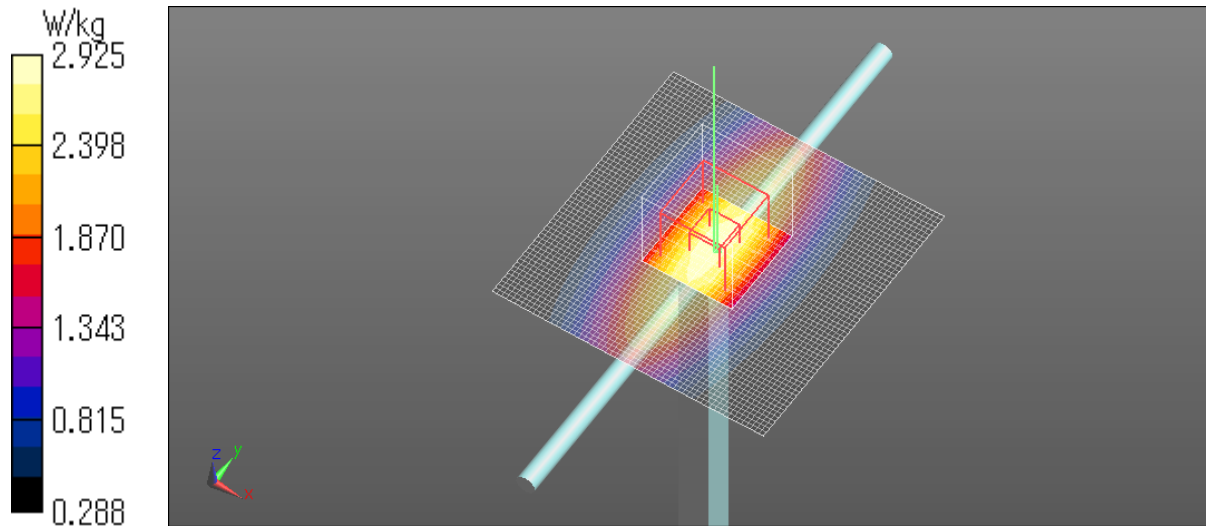
Penetration depth = 13.81 (11.95, 14.71) [mm]

Maximum value of SAR (interpolated) = 3.26 W/kg

Ambient Temp. : 22.0 degree.C. Liquid Temp.; 22 degree.C.

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

Date: 2021/07/15



D.7 20210716_SAR1_3500MHz System Check

Communication System: UID 0, #CW (0); Communication System Band: D3500 (3500.0 MHz); ; Duty Cycle: 1:1

Medium parameters used: $f = 3500$ MHz; $\sigma = 3.165$ S/m; $\epsilon_r = 50.345$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration

Probe: EX3DV4 - SN7372; ConvF(6.47, 6.47, 6.47) @ 3500 MHz;

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn554;

Phantom: ELI V5.0 (20deg probe tilt)_SAR1_1207; Type: QD OVA 002 Ax;Serial: 1207

Measurement SW: DASY52, Version 52.10 (3);SEMCAD X Version 14.6.13 (7474)

Pin 3500MHz/100mW START - Find Maximum/Area Scan (71x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 11.4 W/kg

Pin 3500MHz/100mW/Zoom Scan, dist=1.4mm (8x8x8)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 55.32 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 14.8 W/kg

SAR(1 g) = 5.97 W/kg; SAR(10 g) = 2.25 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 8 mm

Ratio of SAR at M2 to SAR at M1 = 77.2%

Maximum value of SAR (measured) = 10.9 W/kg

Pin 3500MHz/100mW/Z Scan, Uniform (1x1x33): Measurement grid: dx=20mm, dy=20mm, dz=1.4mm

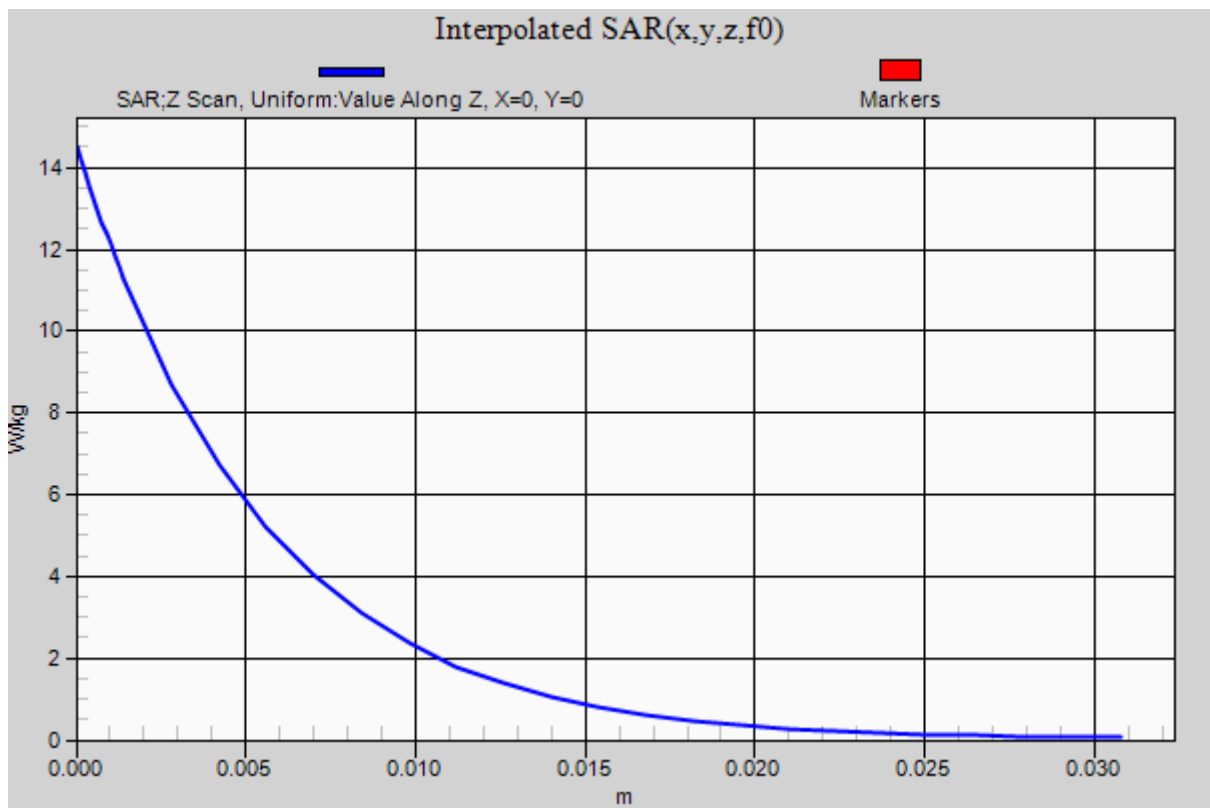
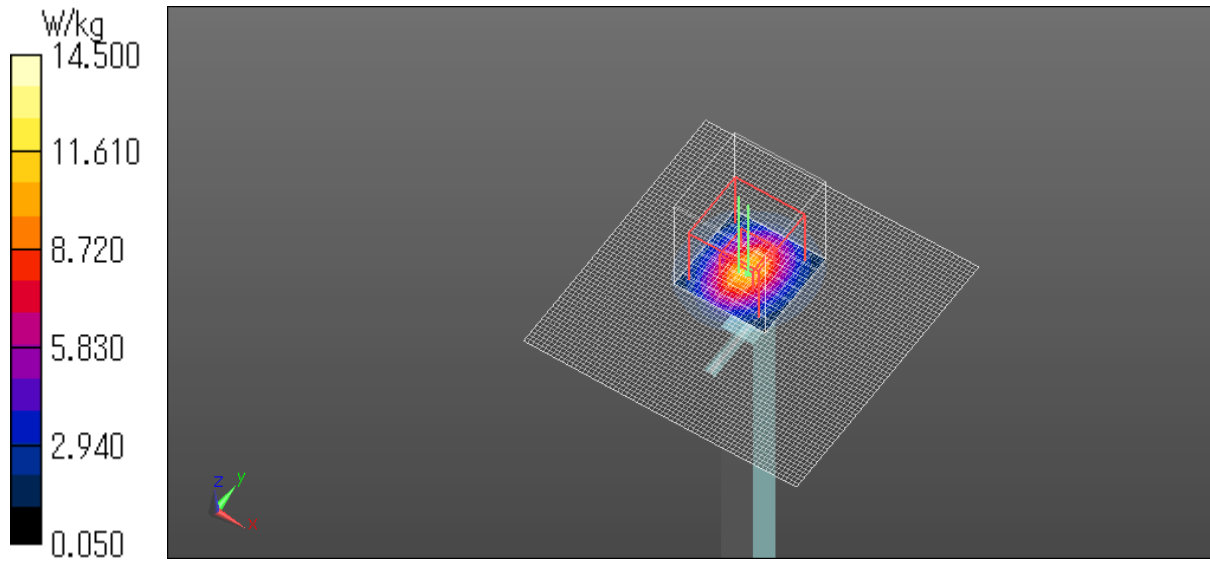
Penetration depth = 5.226 (5.624, 5.323) [mm]

Maximum value of SAR (interpolated) = 14.5 W/kg

Ambient Temp. : 21.0 degree.C. Liquid Temp.; 20.0 degree.C.

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

Date: 2021/07/16



D.8 20210716_SAR1_3700MHz System Check

Communication System: UID 0, #CW (0); Communication System Band: D3700 (3700.0 MHz); ; Duty Cycle: 1:1

Medium parameters used: $f = 3700$ MHz; $\sigma = 3.465$ S/m; $\epsilon_r = 50.425$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration

Probe: EX3DV4 - SN7372; ConvF(6.3, 6.3, 6.3) @ 3700 MHz;

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn554;

Phantom: ELI V5.0 (20deg probe tilt)_SAR1_1207; Type: QD OVA 002 Ax;Serial: 1207

Measurement SW: DASY52, Version 52.10 (3);SEMCAD X Version 14.6.13 (7474)

Pin 3700MHz/100mW START - Find Maximum/Area Scan (71x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 11.9 W/kg

Pin 3700MHz/100mW/Zoom Scan, dist=1.4mm (8x8x8)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 54.31 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 16.1 W/kg

SAR(1 g) = 6.21 W/kg; SAR(10 g) = 2.28 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 8 mm

Ratio of SAR at M2 to SAR at M1 = 76.6%

Maximum value of SAR (measured) = 11.5 W/kg

Pin 3700MHz/100mW/Z Scan, Uniform (1x1x33): Measurement grid: dx=20mm, dy=20mm, dz=1.4mm

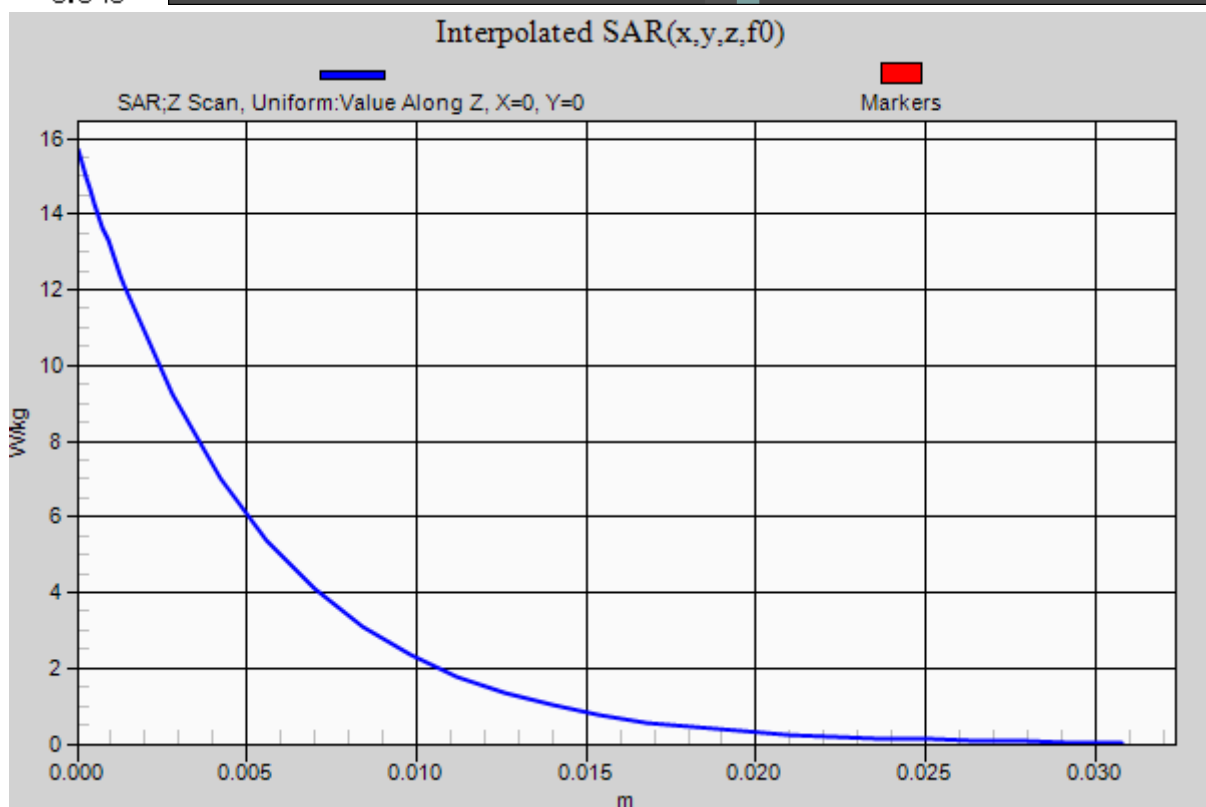
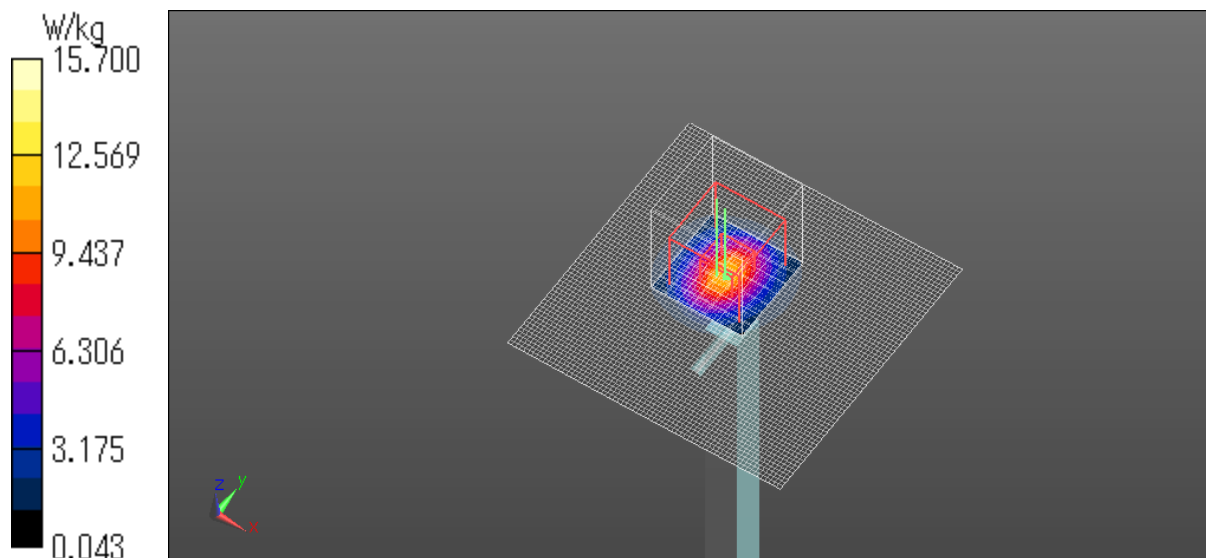
Penetration depth = 4.976 (5.319, 5.030) [mm]

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

Ambient Temp. : 21.0 degree.C. Liquid Temp.; 20.0 degree.C.

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

Date: 2021/07/16



D.9 20210719_SAR3_2450 MHz System Check

Communication System: UID 0, #CW (0); Communication System Band: D2450 (2450.0 MHz); ; Duty Cycle: 1:1

Medium parameters used: $f = 2450$ MHz; $\sigma = 2.038$ S/m; $\epsilon_r = 50.558$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration

Probe: EX3DV4 - SN3917; ConvF(7.48, 7.48, 7.48) @ 2450 MHz;

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1369;

Phantom: ELI v4.0 (20deg probe tilt); Type: QDOVA001BB;Serial: TP:1045

Measurement SW: DASY52, Version 52.10 (3);SEMCAD X Version 14.6.13 (7474)

2450MHz/250mW(2450MHz)/Area Scan (81x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

2450MHz/250mW(2450MHz)/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 114.0 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 30.1 W/kg

SAR(1 g) = 14.5 W/kg; SAR(10 g) = 6.61 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 8 mm

Ratio of SAR at M2 to SAR at M1 = 48.9%

Maximum value of SAR (measured) = 24.3 W/kg

2450MHz/250mW(2450MHz)/Z Scan (1x1x18): Measurement grid: dx=20mm, dy=20mm, dz=5mm

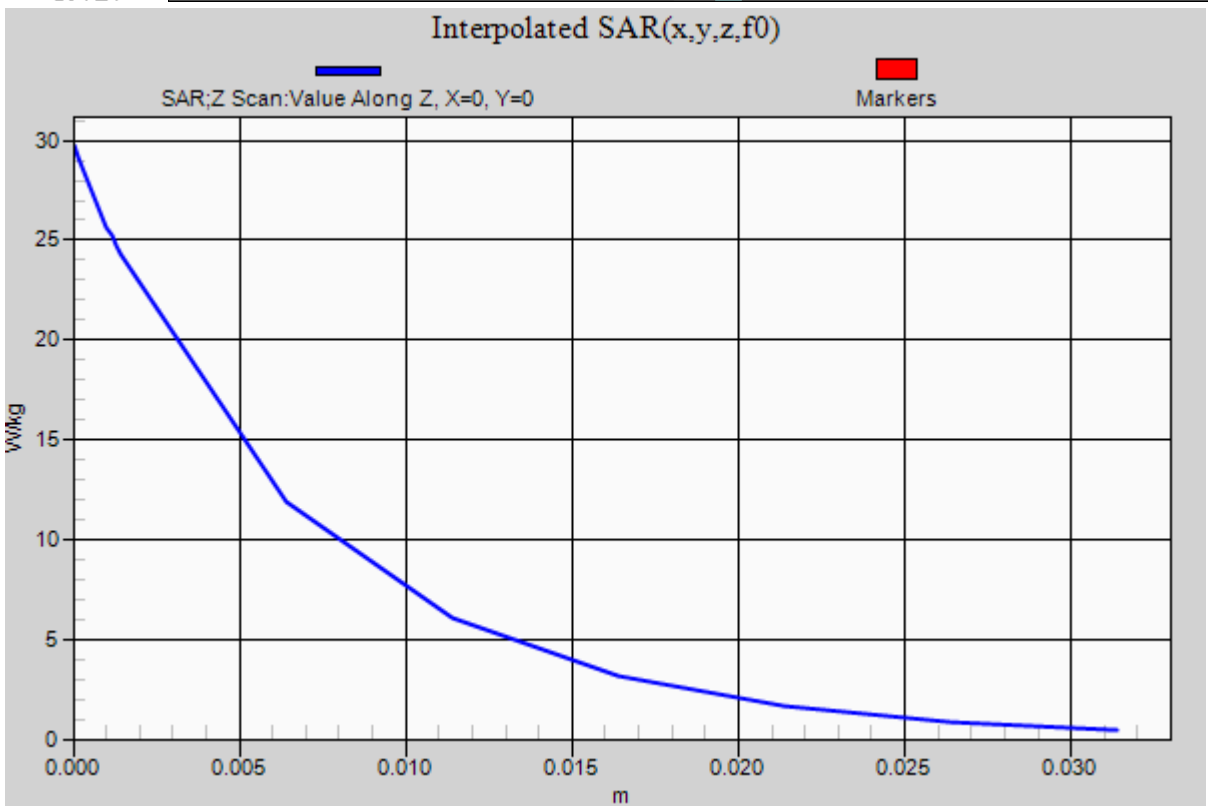
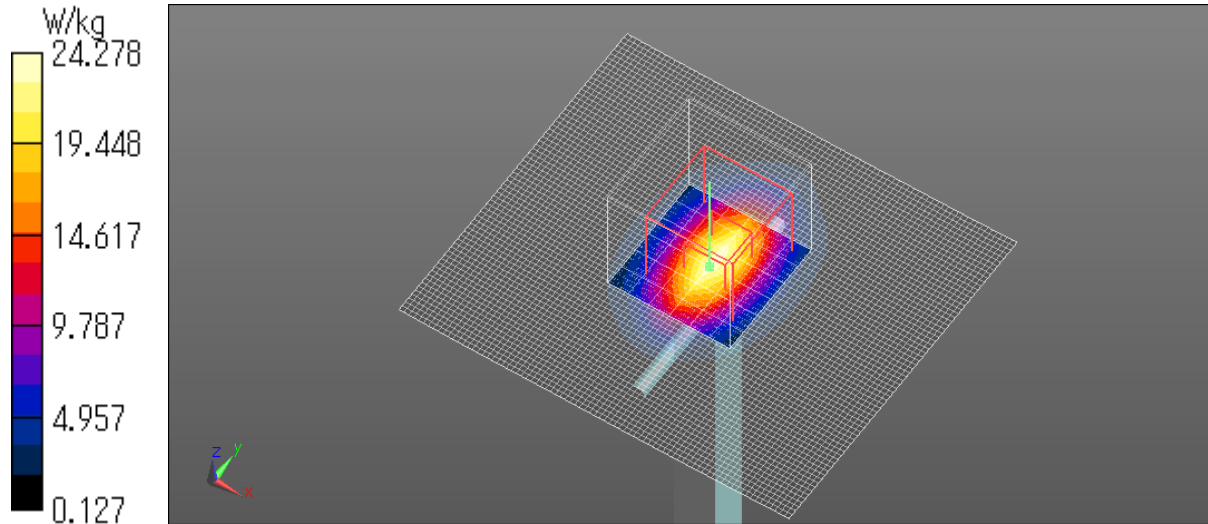
Penetration depth = 7.491 (7.001, 7.621) [mm]

Maximum value of SAR (interpolated) = 29.7 W/kg

Ambient Temp. : 22.0 degree.C. Liquid Temp.; 22 degree.C.

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

Date: 2021/07/19



D.10 20210719_SAR3_2600 MHz System Check

Communication System: UID 0, #CW (0); Communication System Band: D2600 (2600.0 MHz); ; Duty Cycle: 1:1

Medium parameters used: $f = 2600$ MHz; $\sigma = 2.167$ S/m; $\epsilon_r = 50.033$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration

Probe: EX3DV4 - SN3917; ConvF(7.26, 7.26, 7.26) @ 2600 MHz;

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1369;

Phantom: ELI v4.0 (20deg probe tilt); Type: QDOVA001BB;Serial: TP:1045

Measurement SW: DASY52, Version 52.10 (3);SEMCAD X Version 14.6.13 (7474)

2600MHz/250mW/Area Scan (81x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 26.3 W/kg

2600MHz/250mW/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 110.8 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 32.5 W/kg

SAR(1 g) = 14.5 W/kg; SAR(10 g) = 6.33 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 8 mm

Ratio of SAR at M2 to SAR at M1 = 45.3%

Maximum value of SAR (measured) = 25.2 W/kg

2600MHz/250mW/Z Scan (1x1x18): Measurement grid: dx=20mm, dy=20mm, dz=5mm

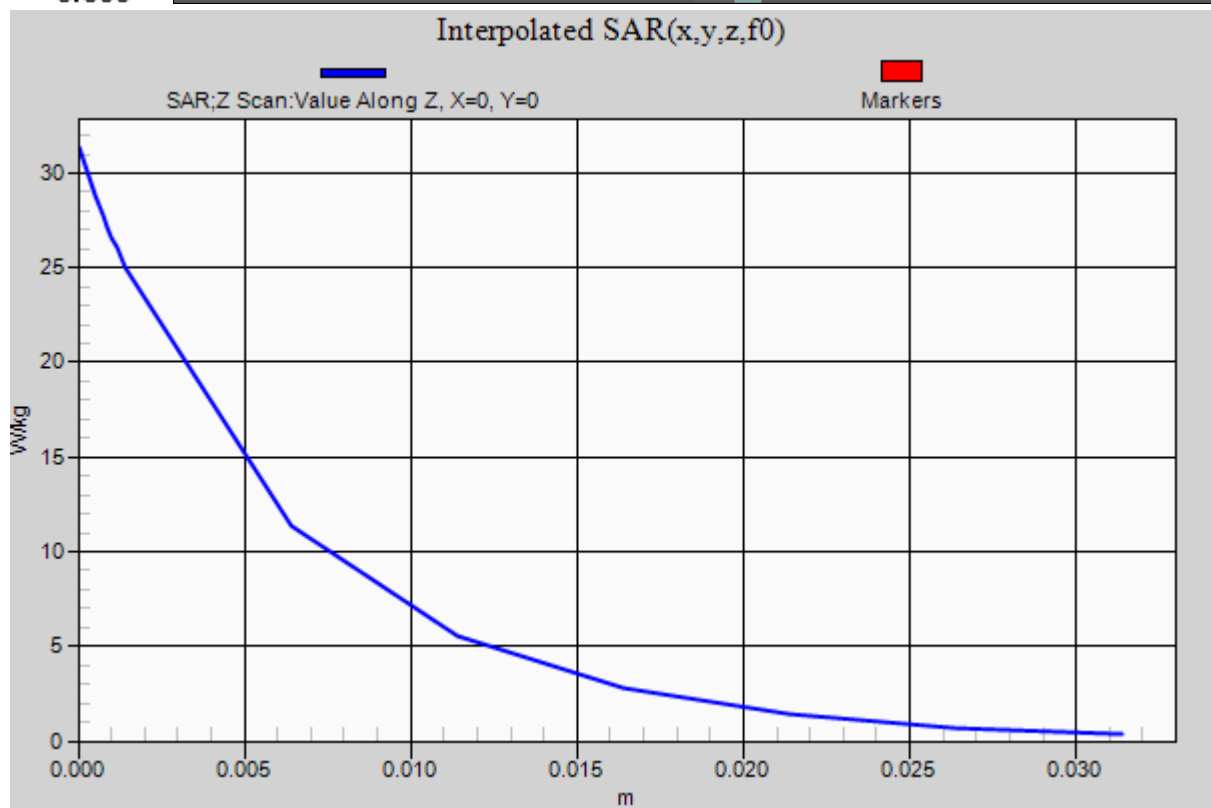
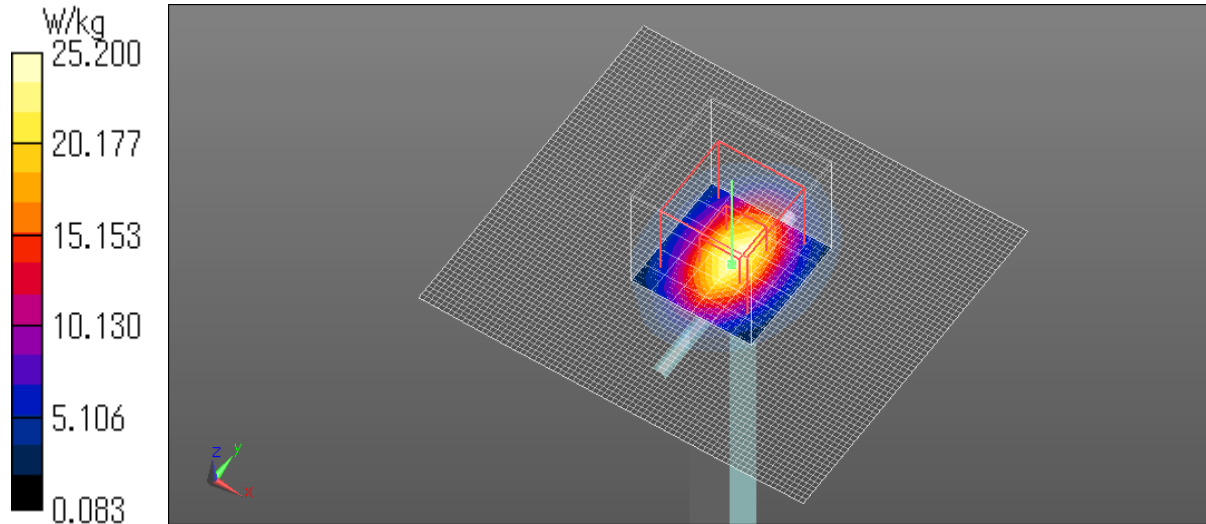
Penetration depth = 7.062 (6.330, 7.182) [mm]

Maximum value of SAR (interpolated) = 31.3 W/kg

Ambient Temp. : 22.0 degree.C. Liquid Temp.; 22 degree.C.

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

Date: 2021/07/19



D.11 20210720_SAR1_835MHz System Check

Communication System: UID 0, #CW (0); Communication System Band: D835 (835.0 MHz); ; Duty Cycle: 1:1
Medium parameters used: $f = 835$ MHz; $\sigma = 1.005$ S/m; $\epsilon_r = 54.282$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration

Probe: EX3DV4 - SN7372; ConvF(9.86, 9.86, 9.86) @ 835 MHz;

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn554;

Phantom: ELI V5.0 (20deg probe tilt)_SAR1_1207; Type: QD OVA 002 Ax;Serial: 1207

Measurement SW: DASY52, Version 52.10 (3);SEMCAD X Version 14.6.13 (7474)

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

Maximum value of SAR (interpolated) = 3.34 W/kg

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

Reference Value = 60.65 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 3.91 W/kg

SAR(1 g) = 2.5 W/kg; SAR(10 g) = 1.62 W/kg (SAR corrected for target medium)

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

Ratio of SAR at M2 to SAR at M1 = 64.2%

Maximum value of SAR (measured) = 3.42 W/kg

Pin/250mW/Z Scan (1x1x22): Measurement grid: dx=20mm, dy=20mm, dz=5mm

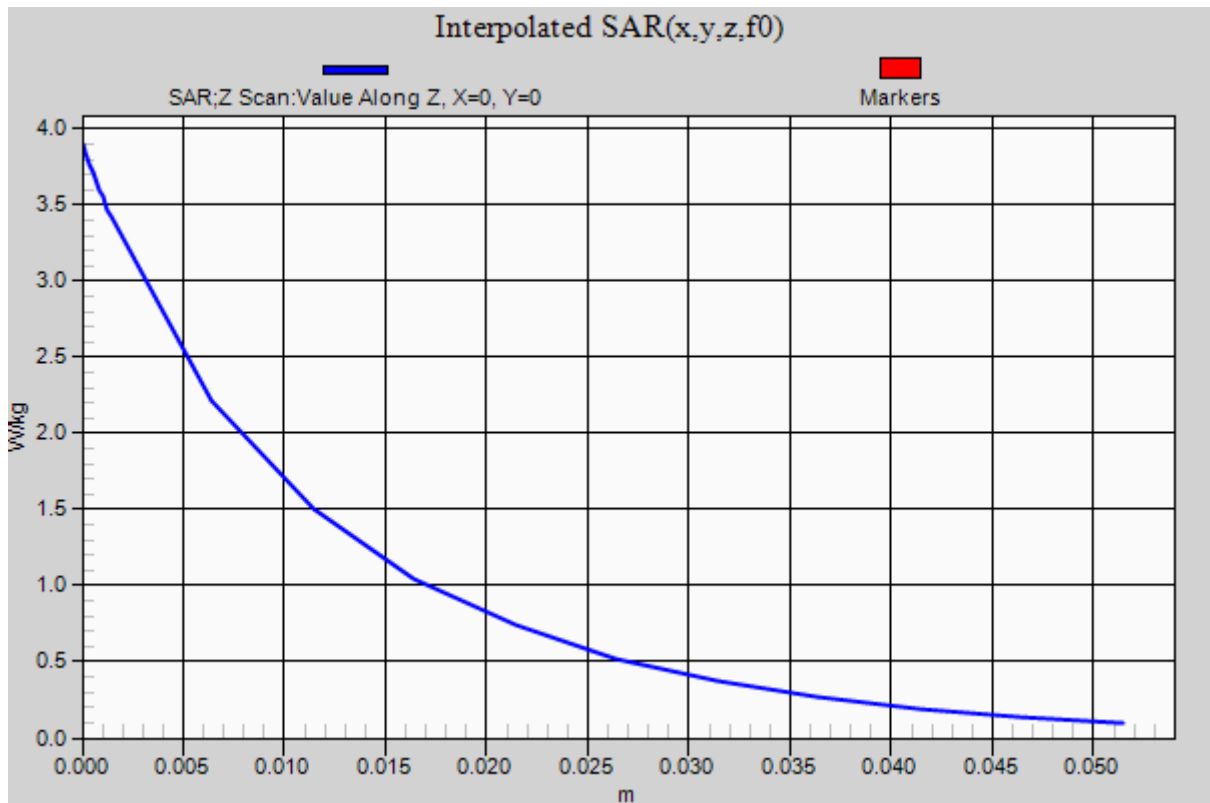
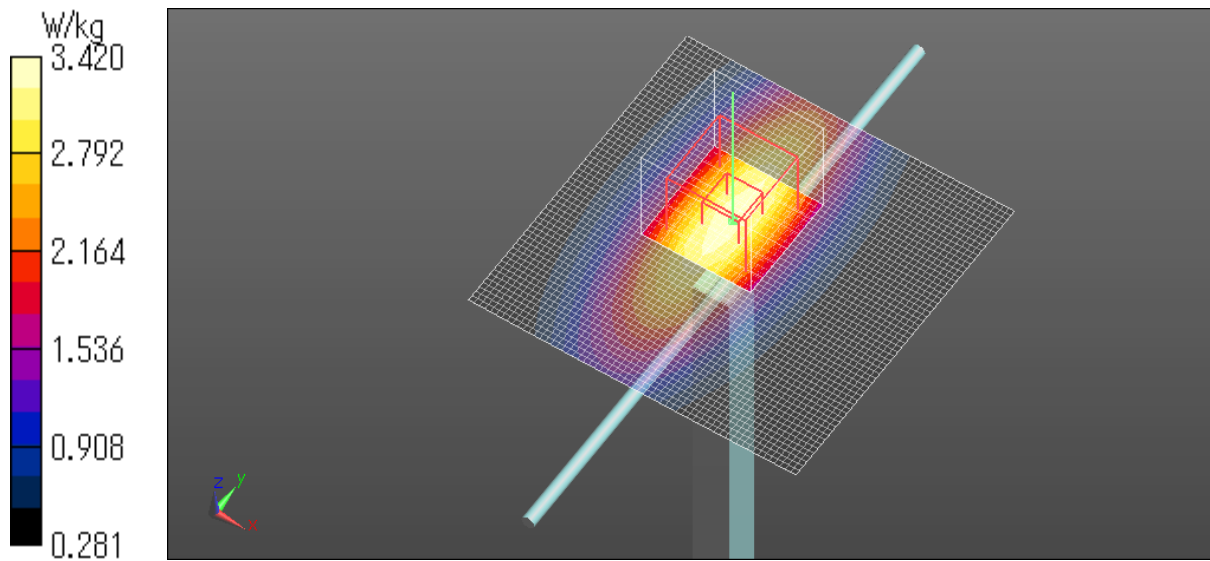
Penetration depth = 13.06 (11.39, 13.73) [mm]

Maximum value of SAR (interpolated) = 3.90 W/kg

Ambient Temp. : 23.0 degree.C. Liquid Temp.; 22.0 degree.C.

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

Date: 2021/07/20



D.12 20210722_SAR3_3500 MHz System Check

Communication System: UID 0, #CW (0); Communication System Band: ITD3500 (3500.0 MHz); ; Duty Cycle: 1:1

Medium parameters used: $f = 3500$ MHz; $\sigma = 3.173$ S/m; $\epsilon_r = 48.946$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration

Probe: EX3DV4 - SN3917; ConvF(6.4, 6.4, 6.4) @ 3500 MHz;

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1369;

Phantom: ELI v4.0 (20deg probe tilt); Type: QDOVA001BB;Serial: TP:1045

Measurement SW: DASY52, Version 52.10 (3);SEMCAD X Version 14.6.13 (7474)

Pin 3500MHz/100mW START - Find Maximum/Area Scan (51x51x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 12.6 W/kg

Pin 3500MHz/100mW/Zoom Scan, dist=1.4mm (8x8x8)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 64.32 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 17.0 W/kg

SAR(1 g) = 6.71 W/kg; SAR(10 g) = 2.48 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 8 mm

Ratio of SAR at M2 to SAR at M1 = 77.4%

Maximum value of SAR (measured) = 12.5 W/kg

Pin 3500MHz/100mW/Z Scan, Uniform (1x1x33): Measurement grid: dx=20mm, dy=20mm, dz=1.4mm

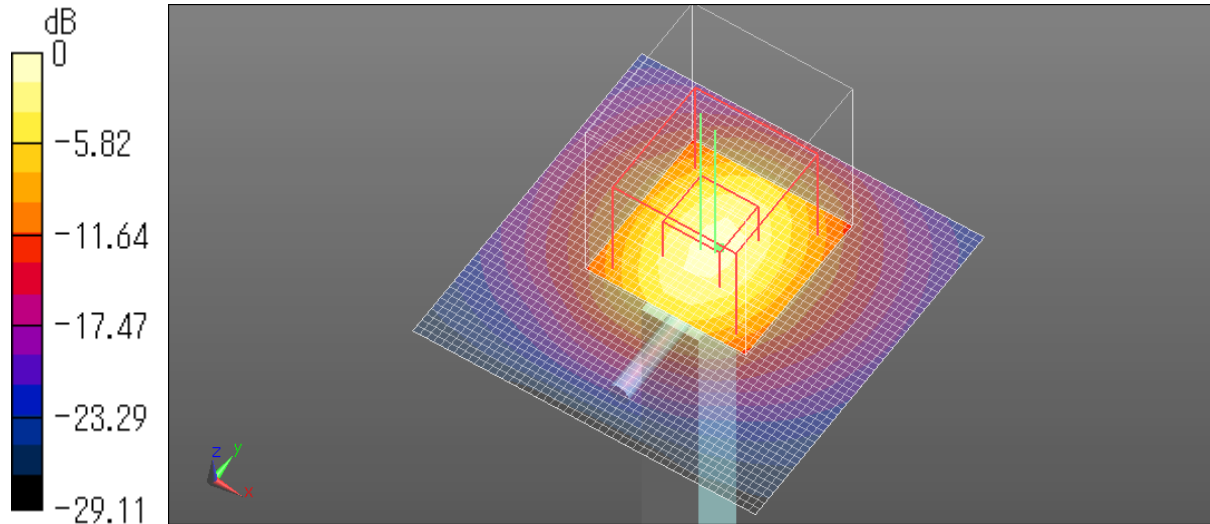
Penetration depth = 5.094 (5.414, 5.132) [mm]

Maximum value of SAR (interpolated) = 16.7 W/kg

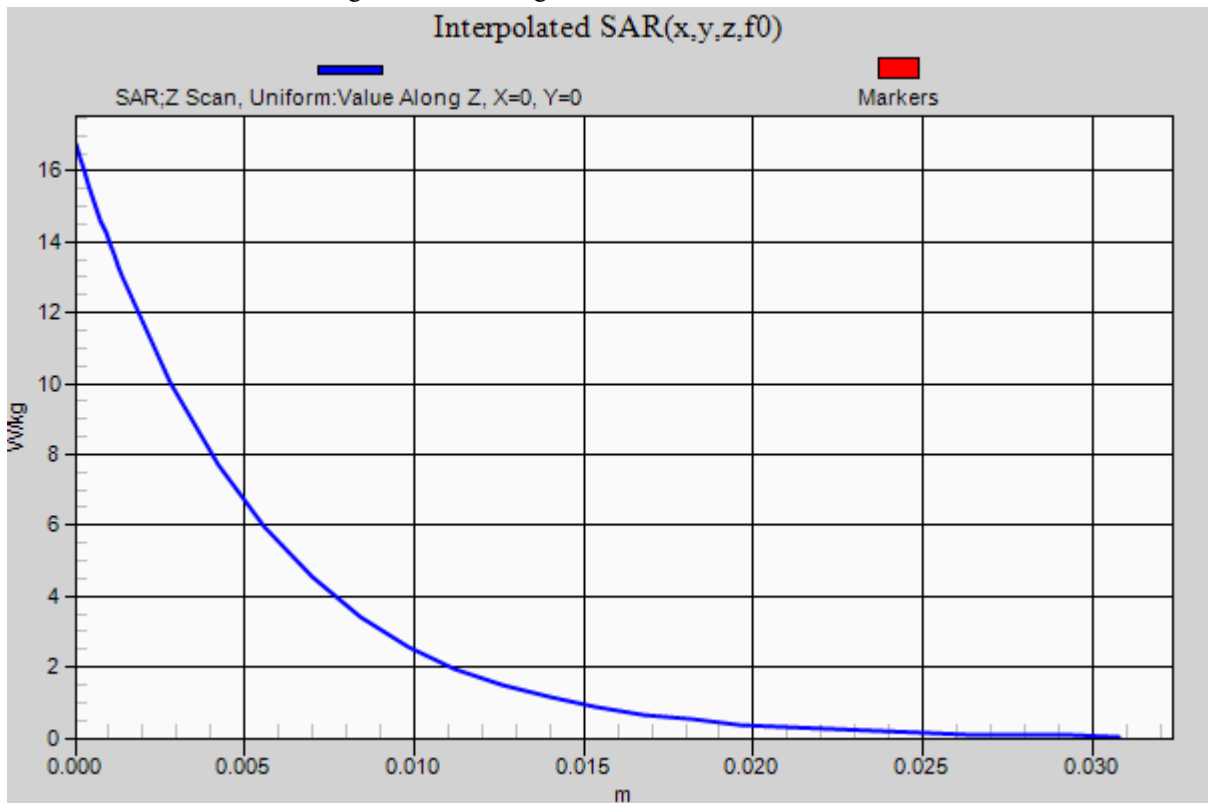
Ambient Temp. : 19.0 degree.C. Liquid Temp.; 19 degree.C.

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

Date: 2021/07/22



0 dB = 16.7 W/kg = 12.23 dBW/kg



D.13 20210722_SAR3_3700 MHz System Check

Communication System: UID 0, #CW (0); Communication System Band: D3700 (3700.0 MHz); ; Duty Cycle: 1:1

Medium parameters used: $f = 3700$ MHz; $\sigma = 3.412$ S/m; $\epsilon_r = 48.642$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration

Probe: EX3DV4 - SN3917; ConvF(6.21, 6.21, 6.21) @ 3700 MHz;

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1369;

Phantom: ELI v4.0 (20deg probe tilt); Type: QDOVA001BB;Serial: TP:1045

Measurement SW: DASY52, Version 52.10 (3);SEMCAD X Version 14.6.13 (7474)

Pin 3700MHz/100mW START - Find Maximum/Area Scan (51x51x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

Pin 3700MHz/100mW/Zoom Scan, dist=1.4mm (8x8x8)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 64.09 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 18.2 W/kg

SAR(1 g) = 6.75 W/kg; SAR(10 g) = 2.43 W/kg (SAR corrected for target medium)

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) = 13.0 W/kg

Pin 3700MHz/100mW/Z Scan, Uniform (1x1x33): Measurement grid: dx=20mm, dy=20mm, dz=1.4mm

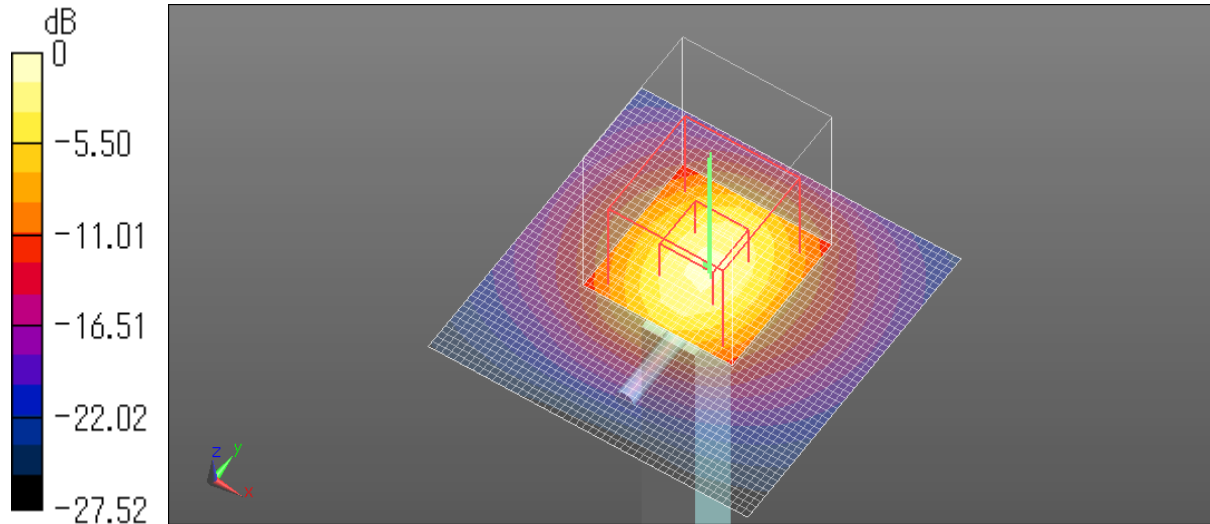
Penetration depth = 4.806 (5.053, 4.742) [mm]

Maximum value of SAR (interpolated) = 17.9 W/kg

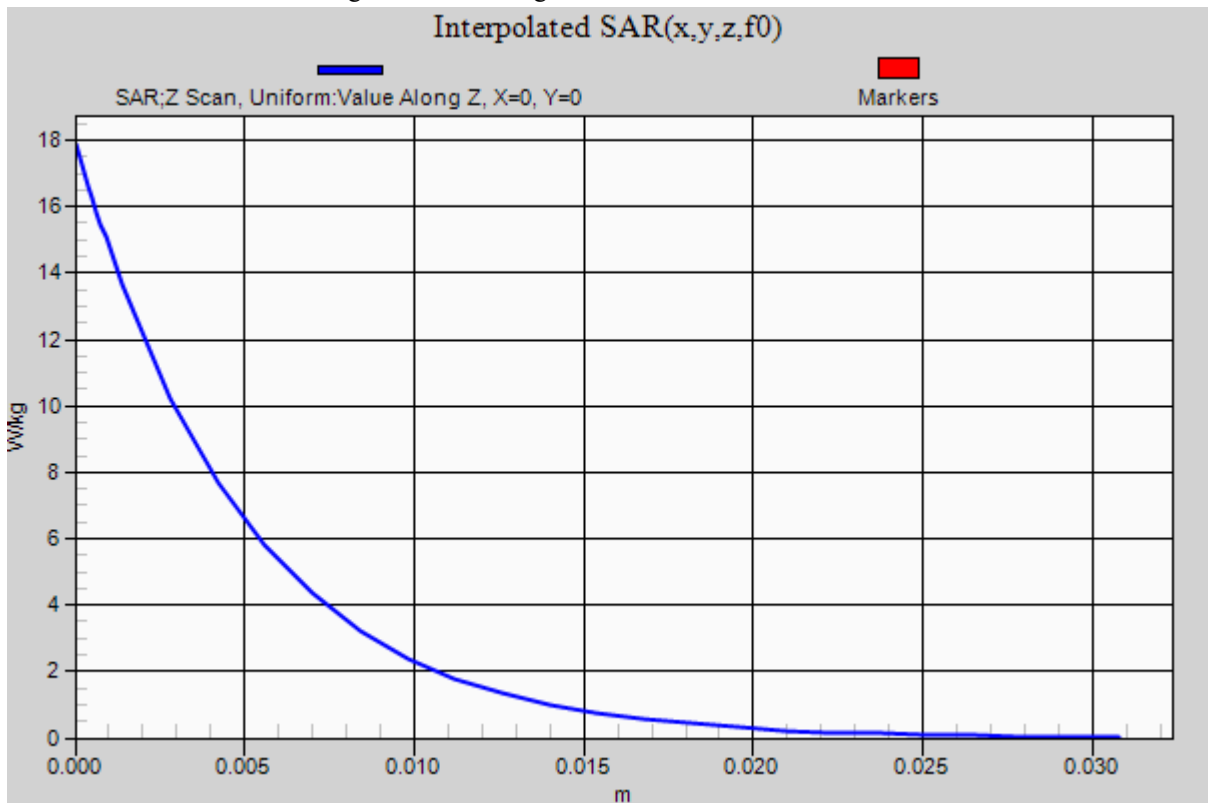
Ambient Temp. : 19.0 degree.C. Liquid Temp.; 19 degree.C.

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

Date: 2021/07/22



0 dB = 17.9 W/kg = 12.53 dBW/kg



D.14 20210726_SAR2_1900 MHz System Check

Communication System: UID 0, #CW (0); Communication System Band: D1900 (1900.0 MHz); Frequency: 1900 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.593$ S/m; $\epsilon_r = 50.897$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN7372; ConvF(7.71, 7.71, 7.71) @ 1900 MHz; Calibrated: 2021/04/23

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1372; Calibrated: 2020/08/12

Phantom: ELI v5.0 TP1207 (30deg probe tilt); Type: QDOVA001BB; Serial: TP:1207

Measurement SW: DASYS52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

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

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

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

Reference Value = 107.1 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 20.3 W/kg

SAR(1 g) = 10.8 W/kg; SAR(10 g) = 5.57 W/kg (SAR corrected for target medium)

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

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

Maximum value of SAR (measured) = 16.9 W/kg

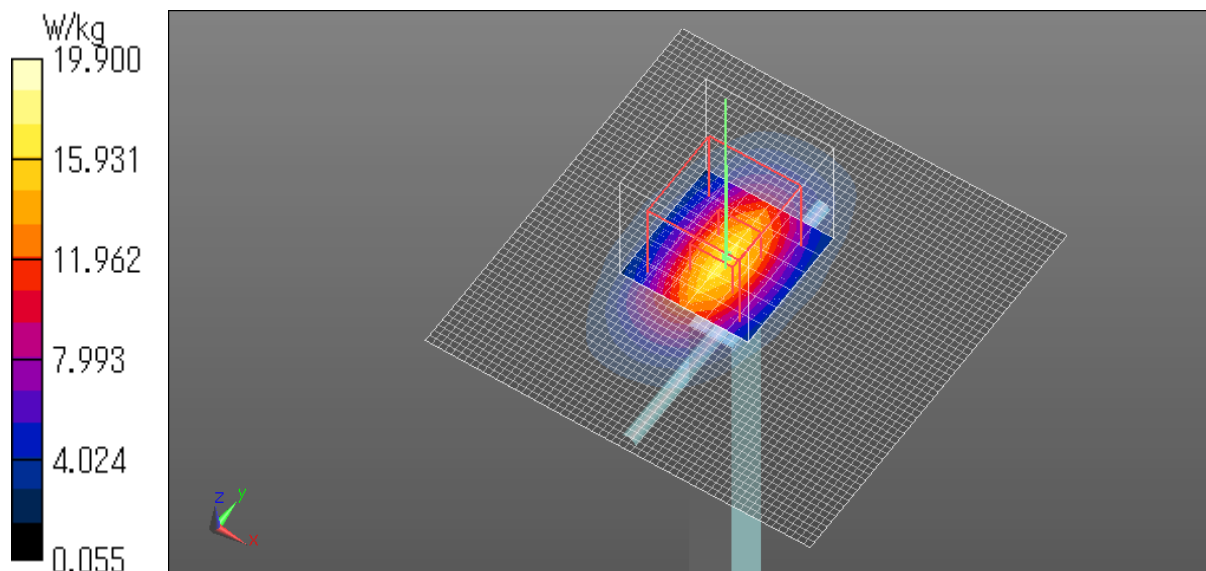
Pin/250mW/Z Scan 2 (1x1x23): Measurement grid: dx=20mm, dy=20mm, dz=5mm

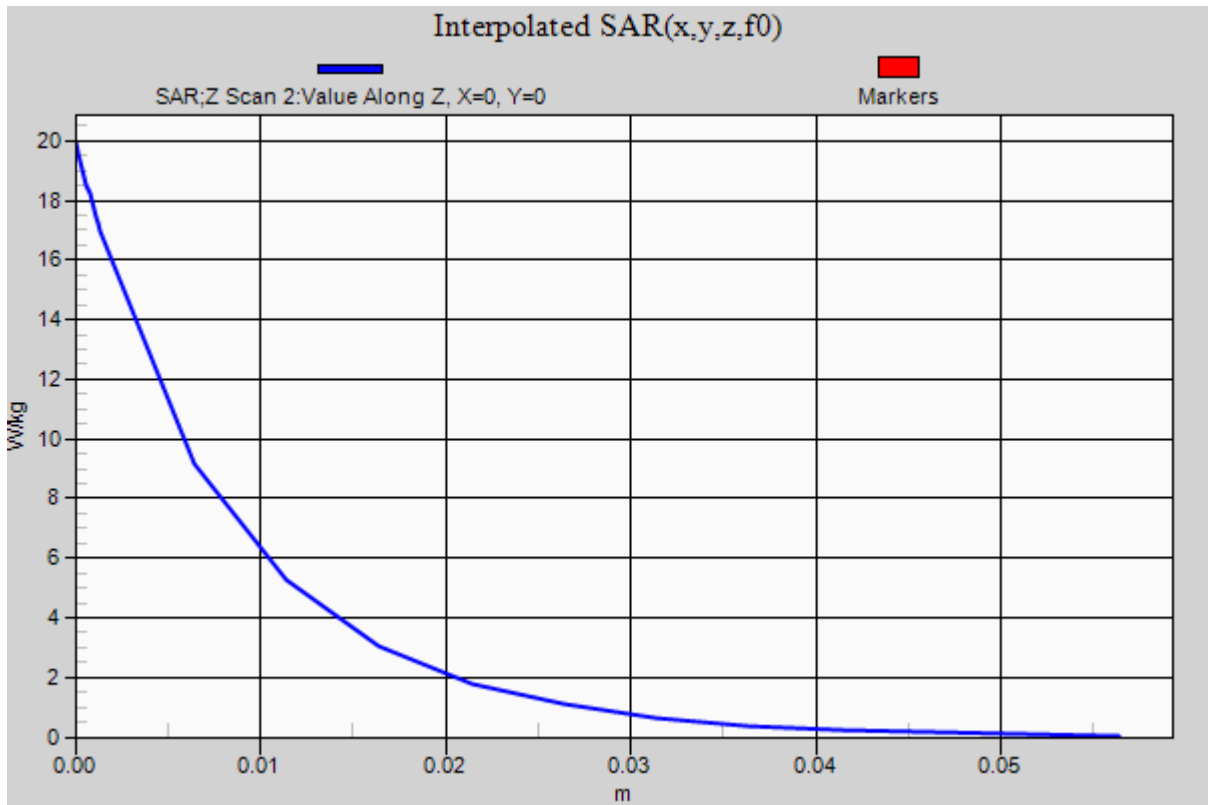
Penetration depth = 9.032 (8.144, 9.090) [mm]

Maximum value of SAR (interpolated) = 19.9 W/kg

Date: 2021/07/26

Ambient Temp. : 23.0 degree.C. Liquid Temp.; 23.0 degree.C.





D.15 20210726_SAR3_3500 MHz System Check

Communication System: UID 0, #CW (0); Communication System Band: ITD3500 (3500.0 MHz); ; Duty Cycle: 1:1

Medium parameters used: $f = 3500$ MHz; $\sigma = 3.182$ S/m; $\epsilon_r = 49.072$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration

Probe: EX3DV4 - SN3917; ConvF(6.4, 6.4, 6.4) @ 3500 MHz;

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1369;

Phantom: ELI v4.0 (20deg probe tilt); Type: QDOVA001BB;Serial: TP:1045

Measurement SW: DASY52, Version 52.10 (3);SEMCAD X Version 14.6.13 (7474)

Pin 3500MHz/100mW START - Find Maximum/Area Scan (51x51x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 13.0 W/kg

Pin 3500MHz/100mW/Zoom Scan, dist=1.4mm (8x8x8)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 67.48 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 17.9 W/kg

SAR(1 g) = 6.86 W/kg; SAR(10 g) = 2.53 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 8 mm

Ratio of SAR at M2 to SAR at M1 = 76.4%

Maximum value of SAR (measured) = 12.7 W/kg

Pin 3500MHz/100mW/Z Scan, Uniform (1x1x33): Measurement grid: dx=20mm, dy=20mm, dz=1.4mm

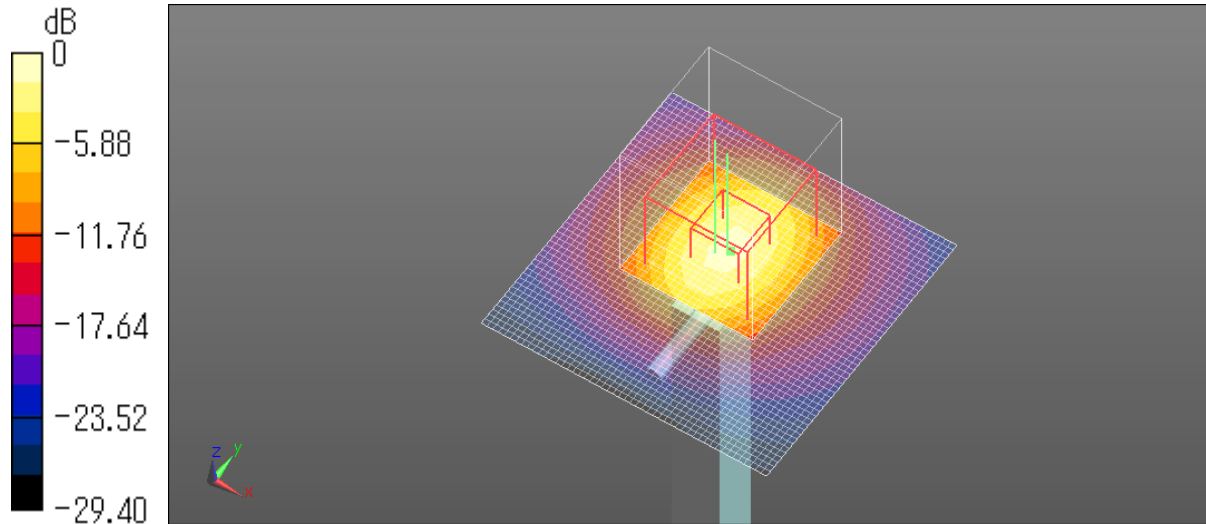
Penetration depth = 4.940 (5.254, 5.045) [mm]

Maximum value of SAR (interpolated) = 17.6 W/kg

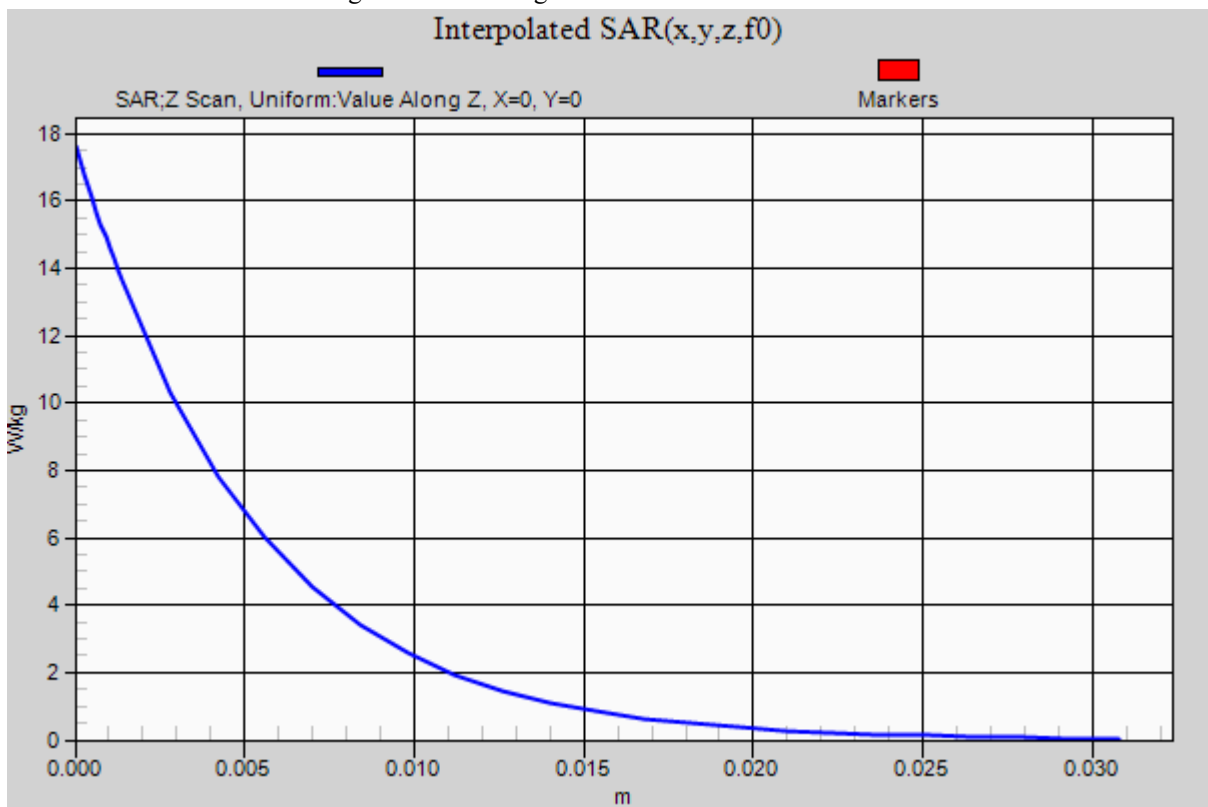
Ambient Temp. : 19.0 degree.C. Liquid Temp.; 19 degree.C.

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

Date: 2021/07/26



0 dB = 17.6 W/kg = 12.46 dBW/kg



D.16 20210726_SAR3_3700 MHz System Check

Communication System: UID 0, #CW (0); Communication System Band: D3700 (3700.0 MHz); ; Duty Cycle: 1:1

Medium parameters used: $f = 3700$ MHz; $\sigma = 3.426$ S/m; $\epsilon_r = 48.627$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration

Probe: EX3DV4 - SN3917; ConvF(6.21, 6.21, 6.21) @ 3700 MHz;

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1369;

Phantom: ELI v4.0 (20deg probe tilt); Type: QDOVA001BB;Serial: TP:1045

Measurement SW: DASY52, Version 52.10 (3);SEMCAD X Version 14.6.13 (7474)

Pin 3700MHz/100mW START - Find Maximum/Area Scan (51x51x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 13.4 W/kg

Pin 3700MHz/100mW/Zoom Scan, dist=1.4mm (8x8x8)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 67.31 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 18.9 W/kg

SAR(1 g) = 6.68 W/kg; SAR(10 g) = 2.39 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 8 mm

Ratio of SAR at M2 to SAR at M1 = 73.9%

Maximum value of SAR (measured) = 13.1 W/kg

Pin 3700MHz/100mW/Z Scan, Uniform (1x1x33): Measurement grid: dx=20mm, dy=20mm, dz=1.4mm

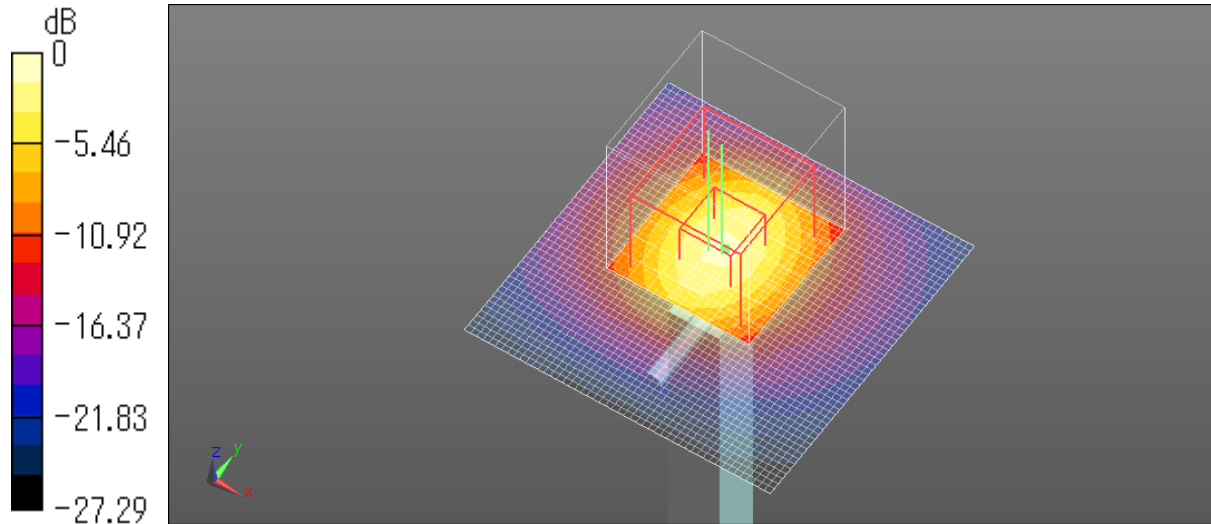
Penetration depth = 4.665 (4.872, 4.653) [mm]

Maximum value of SAR (interpolated) = 18.3 W/kg

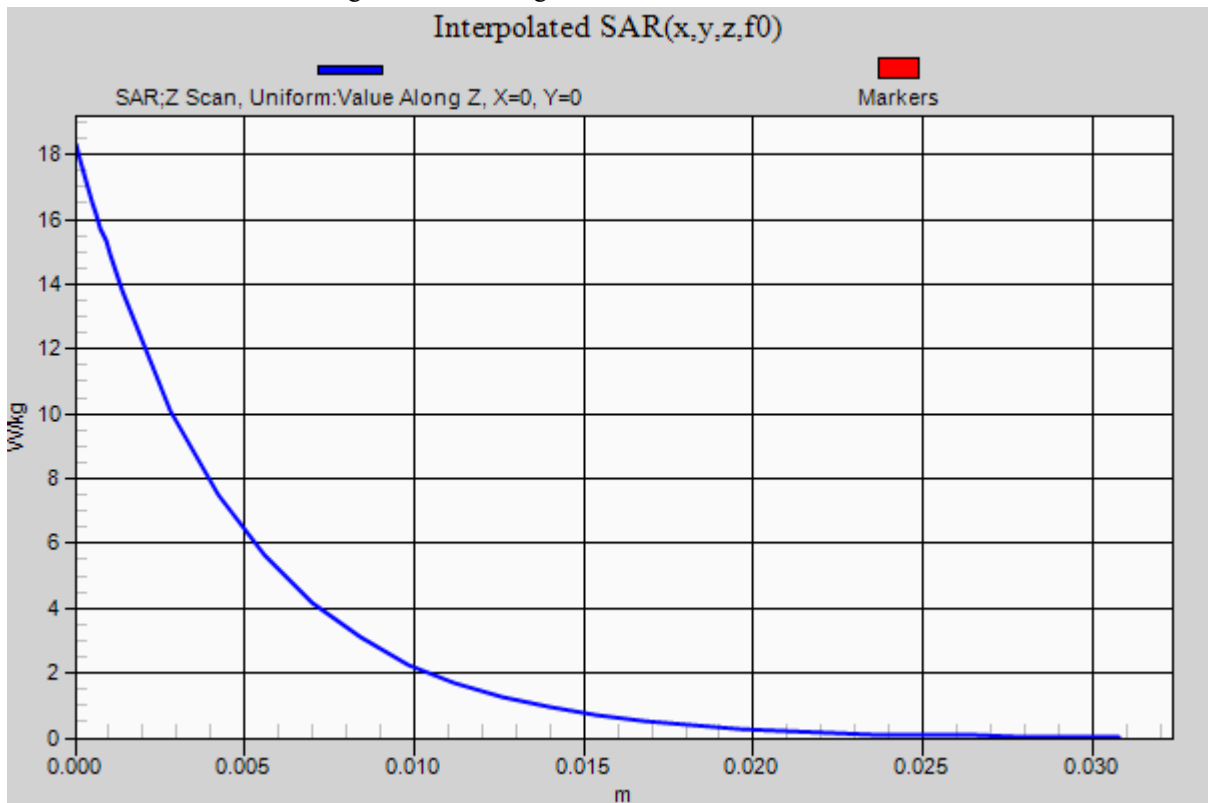
Ambient Temp. : 19.0 degree.C. Liquid Temp.; 19 degree.C.

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

Date: 2021/07/26



0 dB = 18.3 W/kg = 12.62 dBW/kg



D.17 20210726_SAR3_2450 MHz System Check

Communication System: UID 0, #CW (0); Communication System Band: D2450 (2450.0 MHz); ; Duty Cycle: 1:1

Medium parameters used: $f = 2450$ MHz; $\sigma = 2.041$ S/m; $\epsilon_r = 50.182$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration

Probe: EX3DV4 - SN3917; ConvF(7.48, 7.48, 7.48) @ 2450 MHz;

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1369;

Phantom: ELI v4.0 (20deg probe tilt); Type: QDOVA001BB;Serial: TP:1045

Measurement SW: DASY52, Version 52.10 (3);SEMCAD X Version 14.6.13 (7474)

2450MHz/250mW(2450MHz)/Area Scan (81x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

2450MHz/250mW(2450MHz)/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 114.1 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 29.9 W/kg

SAR(1 g) = 14.3 W/kg; SAR(10 g) = 6.49 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 8.1 mm

Ratio of SAR at M2 to SAR at M1 = 48.6%

Maximum value of SAR (measured) = 23.9 W/kg

2450MHz/250mW(2450MHz)/Z Scan (1x1x18): Measurement grid: dx=20mm, dy=20mm, dz=5mm

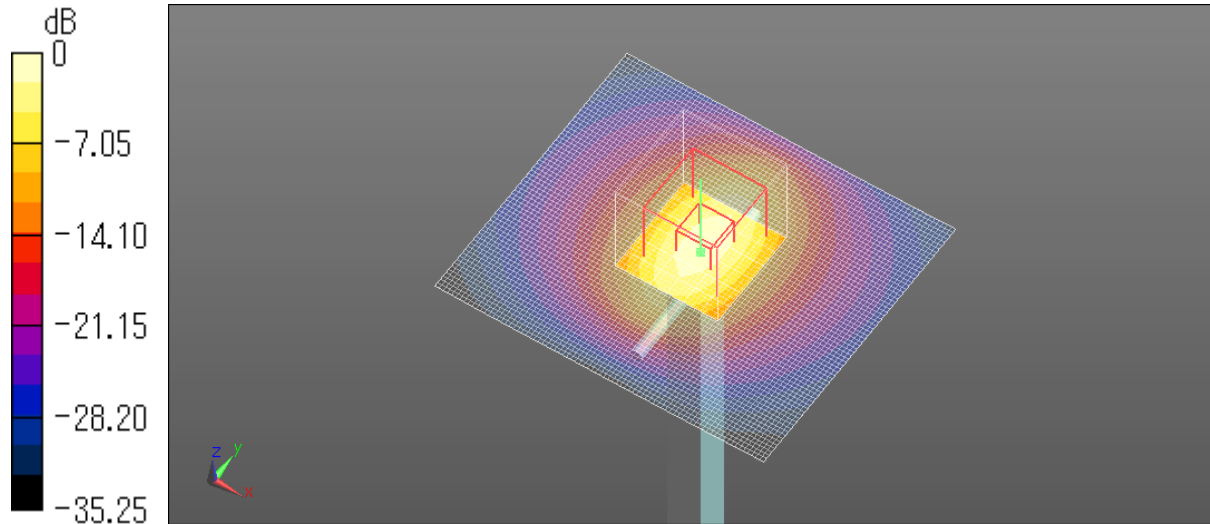
Penetration depth = 7.302 (6.909, 7.465) [mm]

Maximum value of SAR (interpolated) = 29.7 W/kg

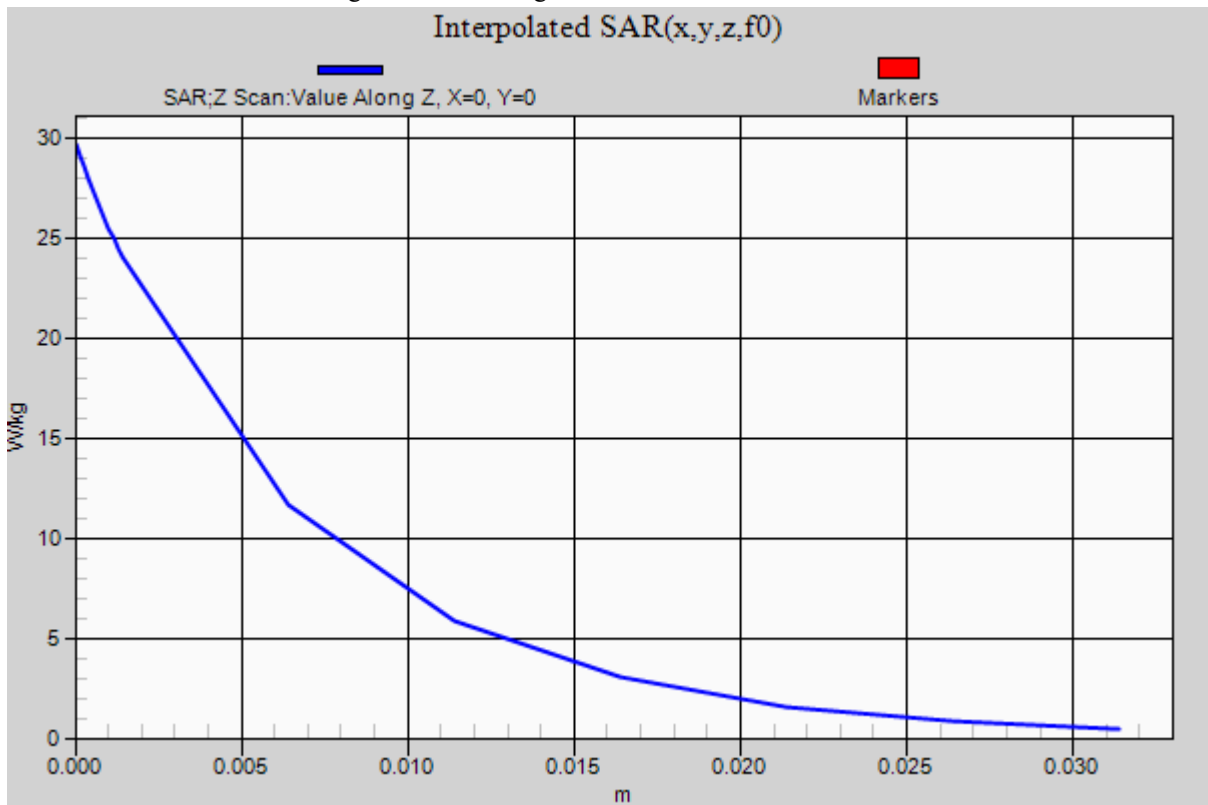
Ambient Temp. : 22.0 degree.C. Liquid Temp.; 22 degree.C.

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

Date: 2021/07/26



0 dB = 29.7 W/kg = 14.73 dBW/kg



D.18 20210726_SAR3_2600 MHz System Check

Communication System: UID 0, #CW (0); Communication System Band: D2600 (2600.0 MHz); ; Duty Cycle: 1:1

Medium parameters used: $f = 2600$ MHz; $\sigma = 2.17$ S/m; $\epsilon_r = 50.11$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration

Probe: EX3DV4 - SN3917; ConvF(7.26, 7.26, 7.26) @ 2600 MHz;

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1369;

Phantom: ELI v4.0 (20deg probe tilt); Type: QDOVA001BB;Serial: TP:1045

Measurement SW: DASY52, Version 52.10 (3);SEMCAD X Version 14.6.13 (7474)

2600MHz/250mW/Area Scan (81x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 27.0 W/kg

2600MHz/250mW/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 112.4 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 33.2 W/kg

SAR(1 g) = 14.8 W/kg; SAR(10 g) = 6.42 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 8 mm

Ratio of SAR at M2 to SAR at M1 = 45.3%

Maximum value of SAR (measured) = 25.9 W/kg

2600MHz/250mW/Z Scan (1x1x18): Measurement grid: dx=20mm, dy=20mm, dz=5mm

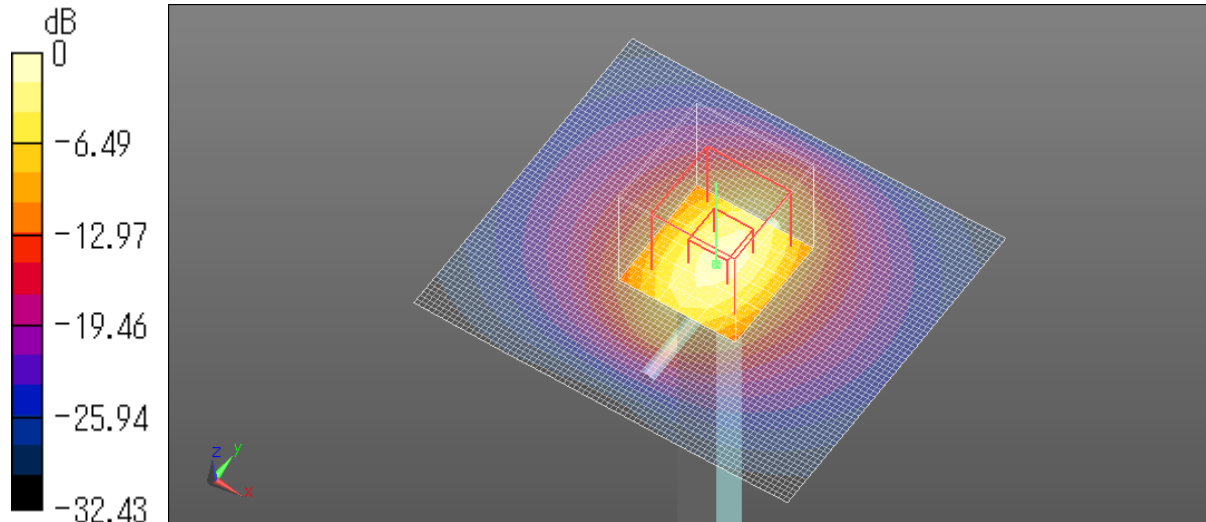
Penetration depth = 6.906 (6.286, 7.037) [mm]

Maximum value of SAR (interpolated) = 32.8 W/kg

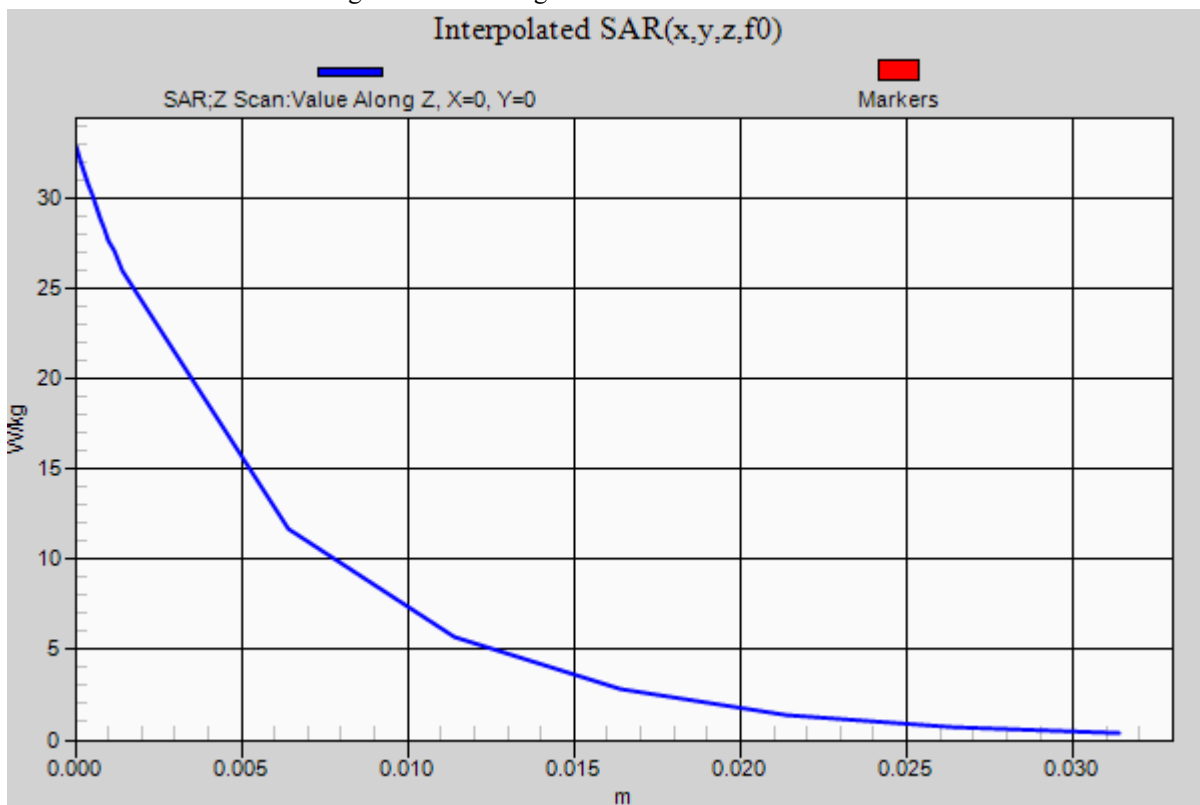
Ambient Temp. : 22.0 degree.C. Liquid Temp.; 22 degree.C.

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

Date: 2021/07/26



0 dB = 32.8 W/kg = 15.16 dBW/kg



D.19 20210727_SAR3_1750 MHz System Check

Communication System: UID 0, #CW (0); Communication System Band: D1750 (1750.0 MHz); ; Duty Cycle: 1:1

Medium parameters used: $f = 1750$ MHz; $\sigma = 1.502$ S/m; $\epsilon_r = 51.098$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration

Probe: EX3DV4 - SN3917; ConvF(7.95, 7.95, 7.95) @ 1750 MHz;

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1369;

Phantom: ELI v4.0 (20deg probe tilt); Type: QDOVA001BB;Serial: TP:1045

Measurement SW: DASY52, Version 52.10 (3);SEMCAD X Version 14.6.13 (7474)

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

Maximum value of SAR (interpolated) = 15.3 W/kg

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

Reference Value = 103.6 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 18.1 W/kg

SAR(1 g) = 9.97 W/kg; SAR(10 g) = 5.24 W/kg (SAR corrected for target medium)

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

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

Warning: Maximum averaged SAR over 10 g is located on the boundary of the measurement cube. This cube might not incorporate the absolute averaged SAR. Please consider a refinement of the Area Scan measurement.

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

Pin/250mW/Z Scan 2 (1x1x24): Measurement grid: dx=20mm, dy=20mm, dz=5mm

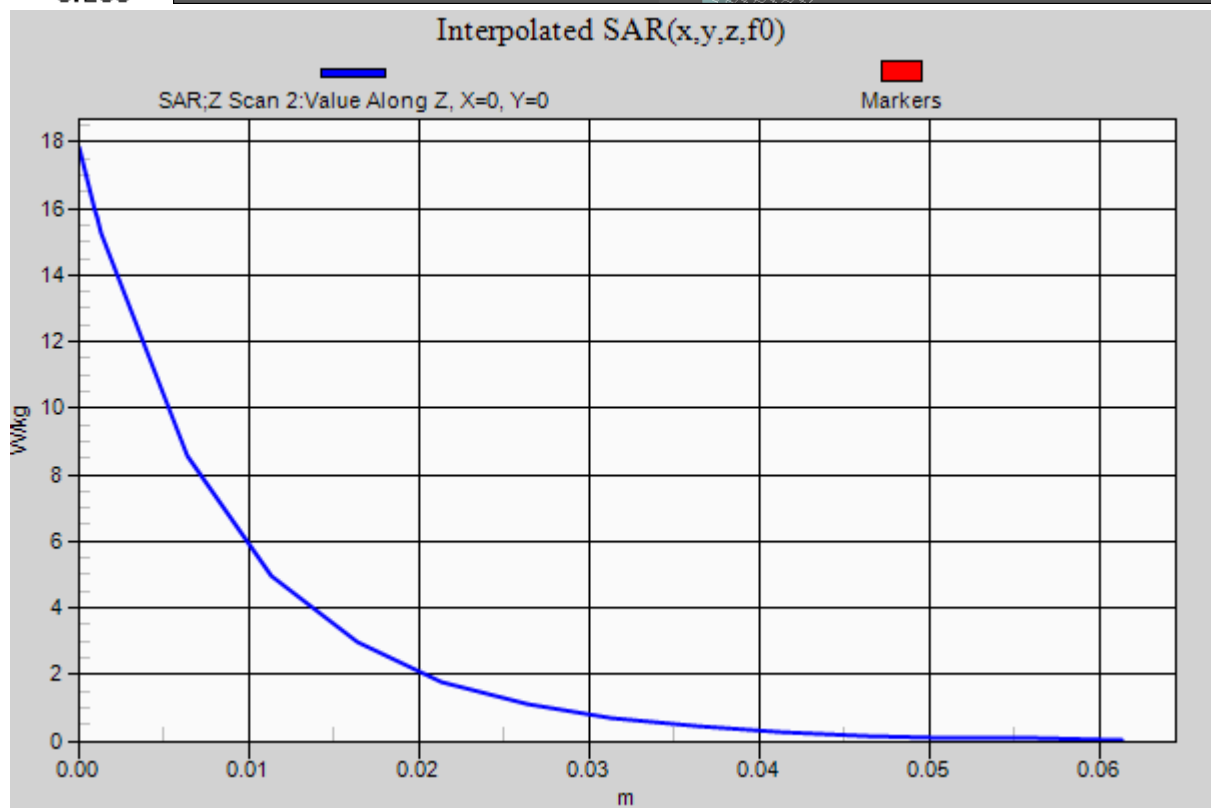
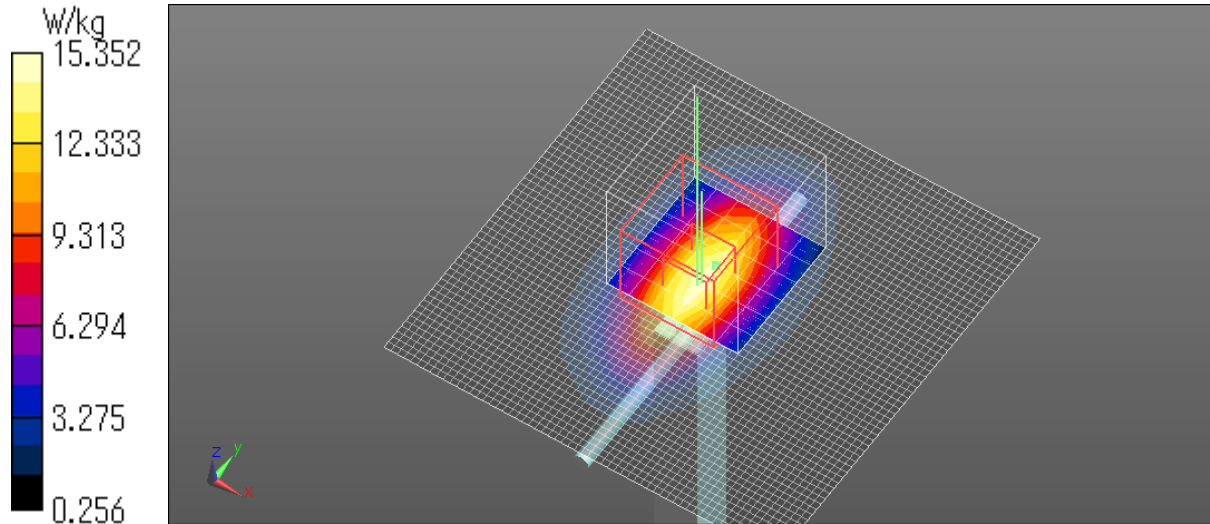
Penetration depth = 9.089 (8.629, 9.706) [mm]

Maximum value of SAR (interpolated) = 17.8 W/kg

Ambient Temp. : 22.5 degree.C. Liquid Temp.; 22.5 degree.C.

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

Date: 2021/07/27



D.20 20210802_SAR3_750 MHz System Check

Communication System: UID 0, #CW (0); Communication System Band: D750 (750.0 MHz); ; Duty Cycle: 1:1
Medium parameters used: $f = 750$ MHz; $\sigma = 0.946$ S/m; $\epsilon_r = 54.664$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration

Probe: EX3DV4 - SN3917; ConvF(9.72, 9.72, 9.72) @ 750 MHz;

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1369;

Phantom: ELI v4.0 (20deg probe tilt); Type: QDOVA001BB;Serial: TP:1045

Measurement SW: DASY52, Version 52.10 (3);SEMCAD X Version 14.6.13 (7474)

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

Maximum value of SAR (interpolated) = 2.87 W/kg

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

Reference Value = 57.40 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 3.35 W/kg

SAR(1 g) = 2.15 W/kg; SAR(10 g) = 1.41 W/kg (SAR corrected for target medium)

Ratio of SAR at M2 to SAR at M1 = 63.6%

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

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

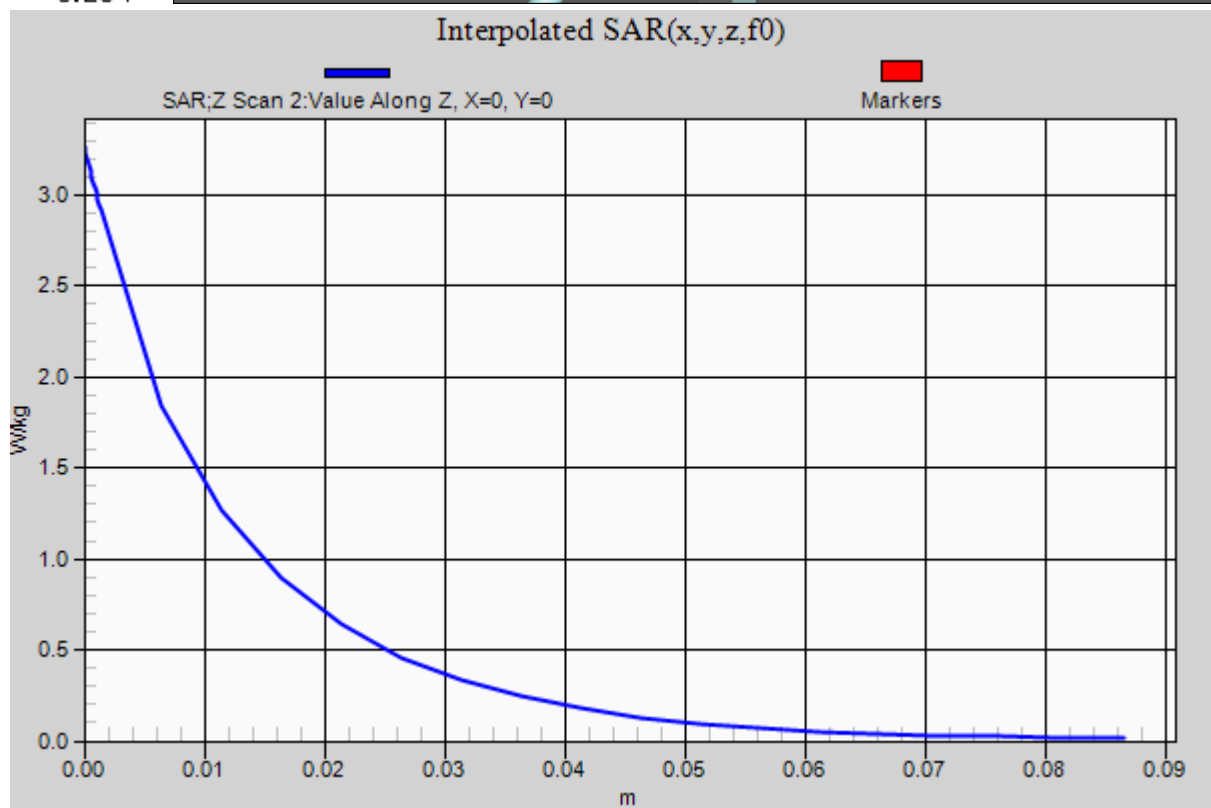
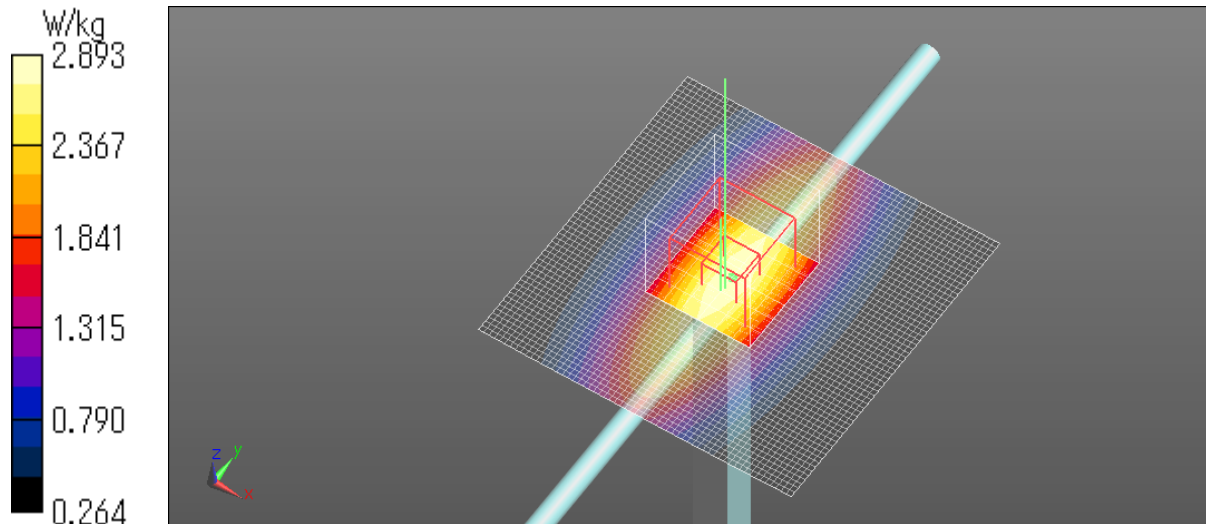
Penetration depth = 13.40 (10.94, 14.18) [mm]

Maximum value of SAR (interpolated) = 3.26 W/kg

Ambient Temp. : 23.0 degree.C. Liquid Temp.; 23 degree.C.

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

Date: 2021/08/02



D.21 20210802_SAR3_1750 MHz System Check

Communication System: UID 0, #CW (0); Communication System Band: D1750 (1750.0 MHz); ; Duty Cycle: 1:1

Medium parameters used: $f = 1750$ MHz; $\sigma = 1.464$ S/m; $\epsilon_r = 52.9$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration

Probe: EX3DV4 - SN3917; ConvF(7.95, 7.95, 7.95) @ 1750 MHz;

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1369;

Phantom: ELI v4.0 (20deg probe tilt); Type: QDOVA001BB;Serial: TP:1045

Measurement SW: DASY52, Version 52.10 (3);SEMCAD X Version 14.6.13 (7474)

1750MHz/250mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

1750MHz/250mW/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 106.4 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 17.5 W/kg

SAR(1 g) = 9.59 W/kg; SAR(10 g) = 5.03 W/kg (SAR corrected for target medium)

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

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

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

1750MHz/250mW/Z Scan 2 (1x1x24): Measurement grid: dx=20mm, dy=20mm, dz=5mm

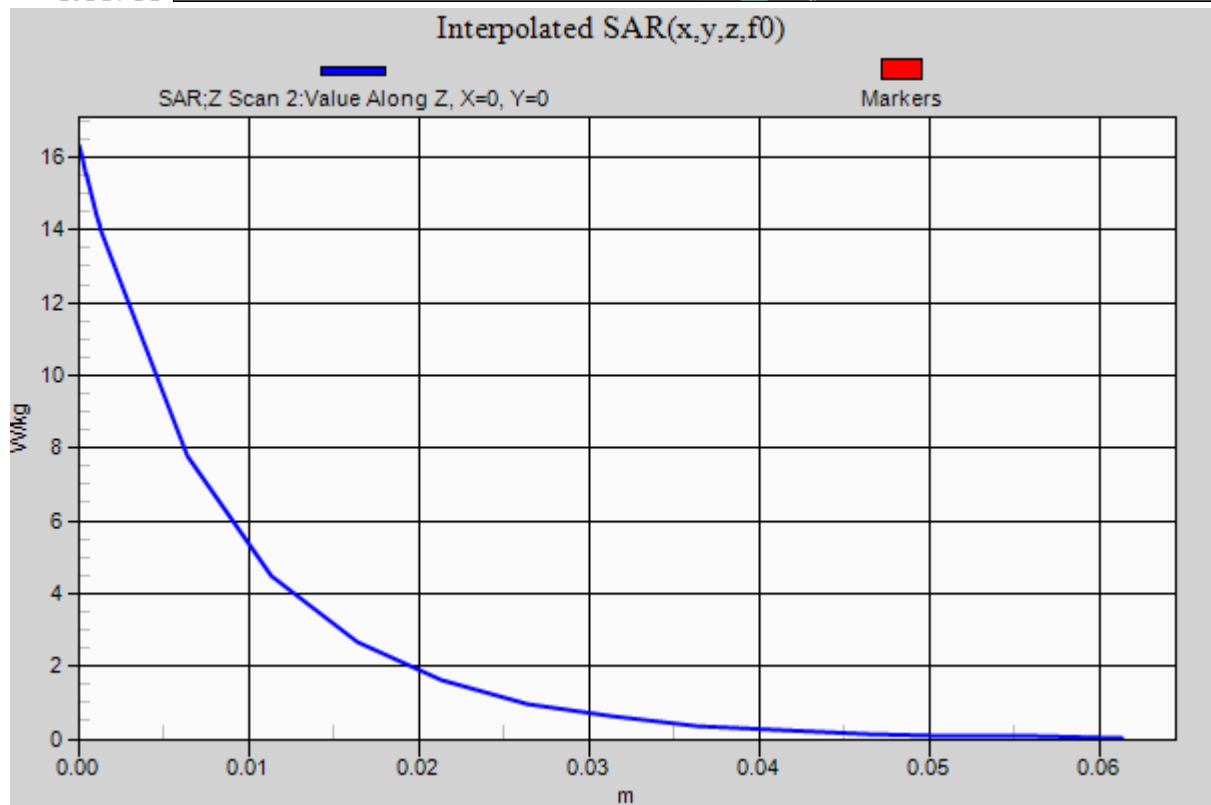
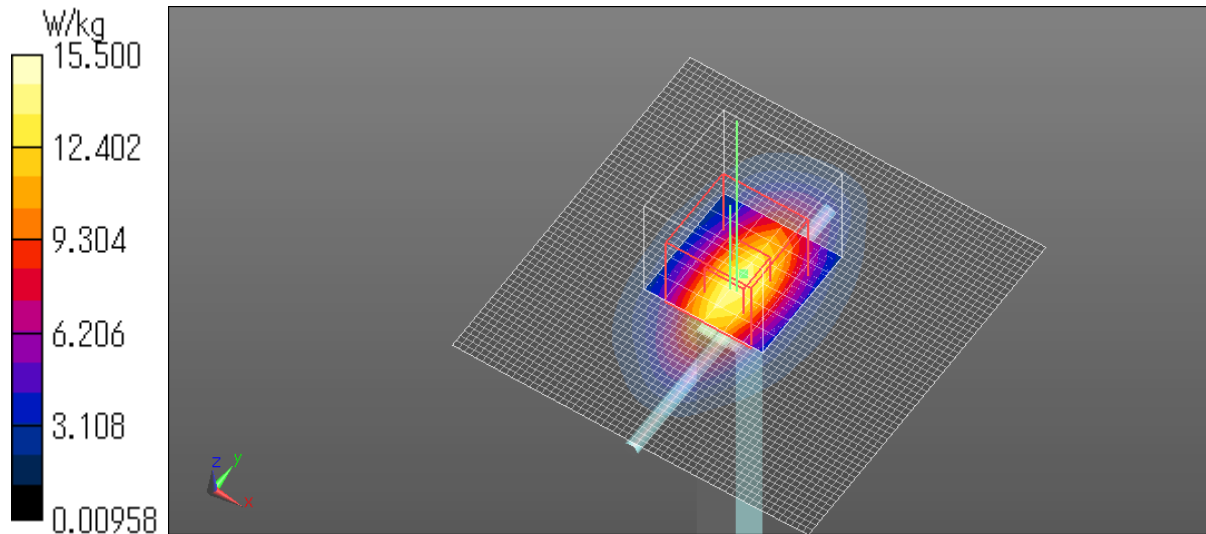
Penetration depth = 9.016 (8.573, 9.576) [mm]

Maximum value of SAR (interpolated) = 16.3 W/kg

Ambient Temp. : 23.0 degree.C. Liquid Temp.; 23 degree.C.

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

Date: 2021/08/02



D.22 20210802_SAR2_750 MHz System Check

Communication System: UID 0, #CW (0); Communication System Band: D750 (750.0 MHz); Frequency: 750 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 750$ MHz; $\sigma = 0.994$ S/m; $\epsilon_r = 53.578$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN7372; ConvF(10.03, 10.03, 10.03) @ 750 MHz; Calibrated: 2021/04/23

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn554; Calibrated: 2021/04/13

Phantom: ELI v5.0 TP1207 (30deg probe tilt); Type: QDOVA001BB; Serial: TP:1207

Measurement SW: DASYS52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

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

Maximum value of SAR (interpolated) = 2.74 W/kg

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

Reference Value = 55.41 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 3.12 W/kg

SAR(1 g) = 2.08 W/kg; SAR(10 g) = 1.38 W/kg (SAR corrected for target medium)

Ratio of SAR at M2 to SAR at M1 = 66.8%

Maximum value of SAR (measured) = 2.76 W/kg

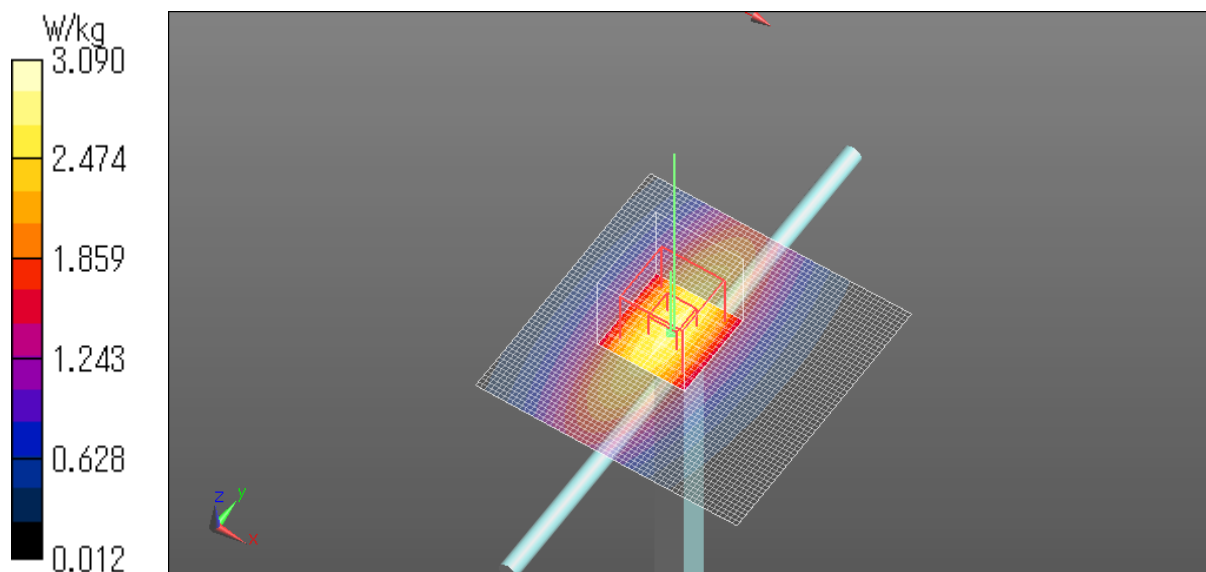
Pin/250mW/Z Scan 2 (1x1x29): Measurement grid: dx=20mm, dy=20mm, dz=5mm

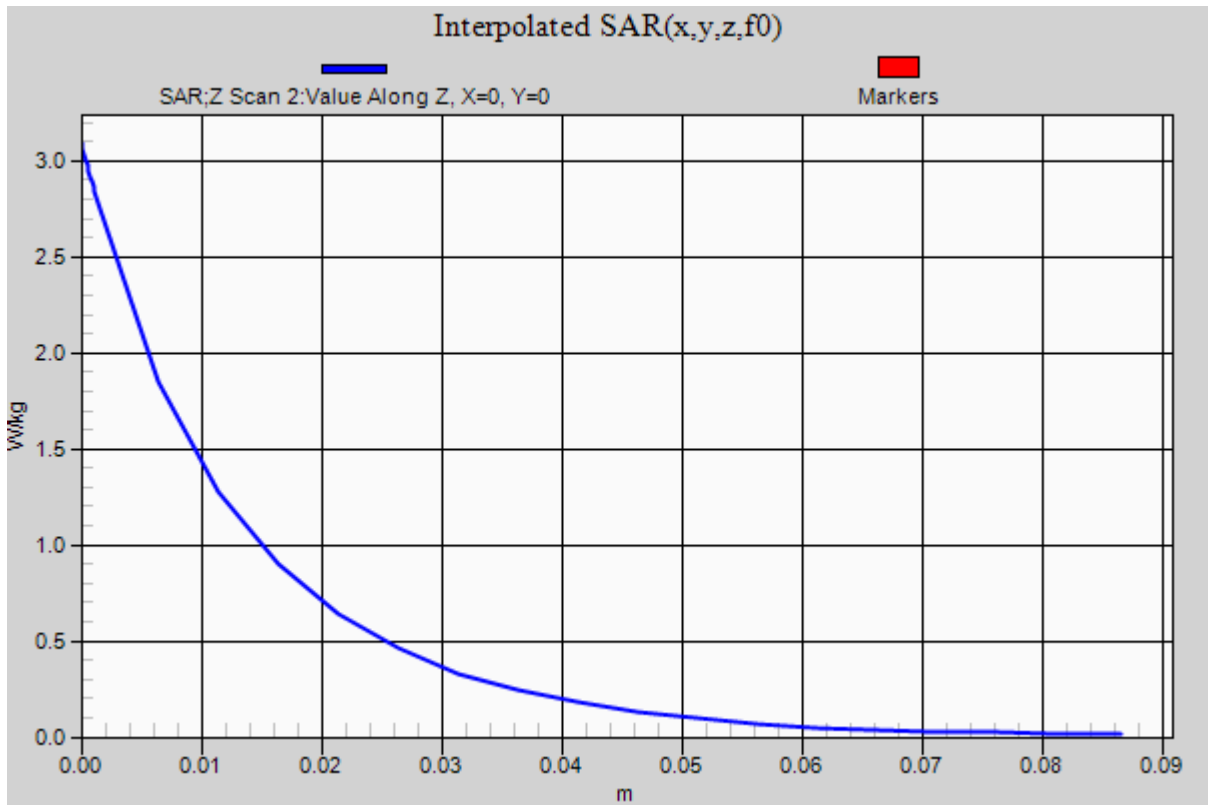
Penetration depth = 13.55 (12.24, 14.22) [mm]

Maximum value of SAR (interpolated) = 3.09 W/kg

Date: 2021/08/02

Ambient Temp. : 21.5 degree.C. Liquid Temp.; 21.5 degree.C.





D.23 20210809_SAR2_750 MHz System Check

Communication System: UID 0, #CW (0); Communication System Band: D750 (750.0 MHz); Frequency: 750 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 750$ MHz; $\sigma = 0.994$ S/m; $\epsilon_r = 53.136$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN7372; ConvF(10.03, 10.03, 10.03) @ 750 MHz; Calibrated: 2021/04/23

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn554; Calibrated: 2021/04/13

Phantom: ELI v5.0 TP1207 (30deg probe tilt); Type: QDOVA001BB; Serial: TP:1207

Measurement SW: DASYS52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

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

Maximum value of SAR (interpolated) = 2.76 W/kg

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

Reference Value = 55.43 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 3.13 W/kg

SAR(1 g) = 2.09 W/kg; SAR(10 g) = 1.39 W/kg (SAR corrected for target medium)

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

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

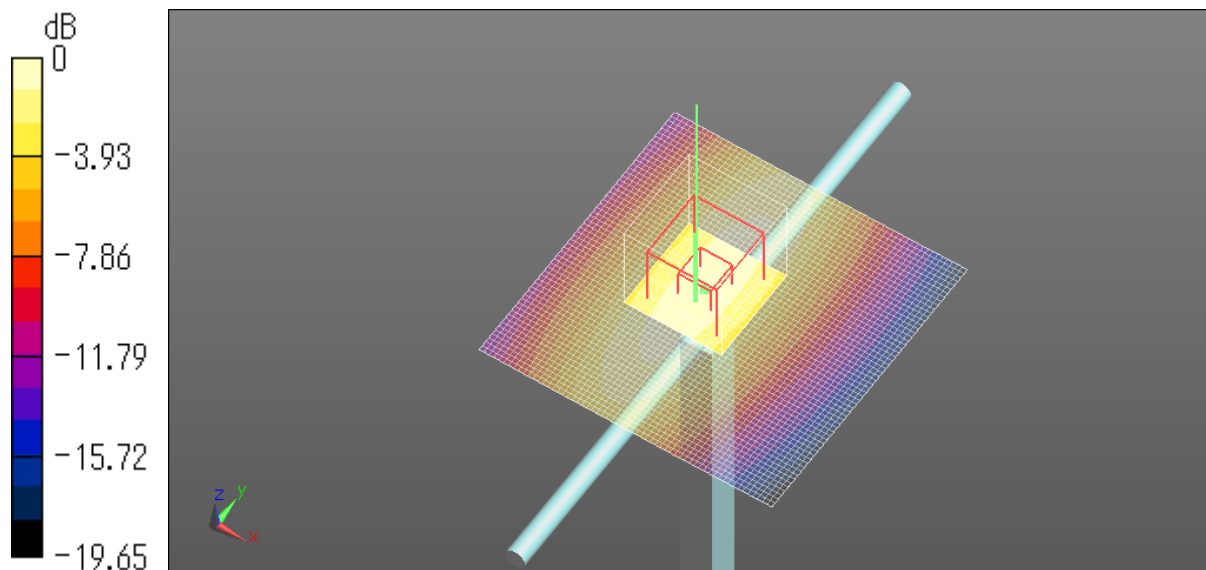
Pin/250mW/Z Scan 2 (1x1x29): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Penetration depth = 13.49 (12.23, 14.16) [mm]

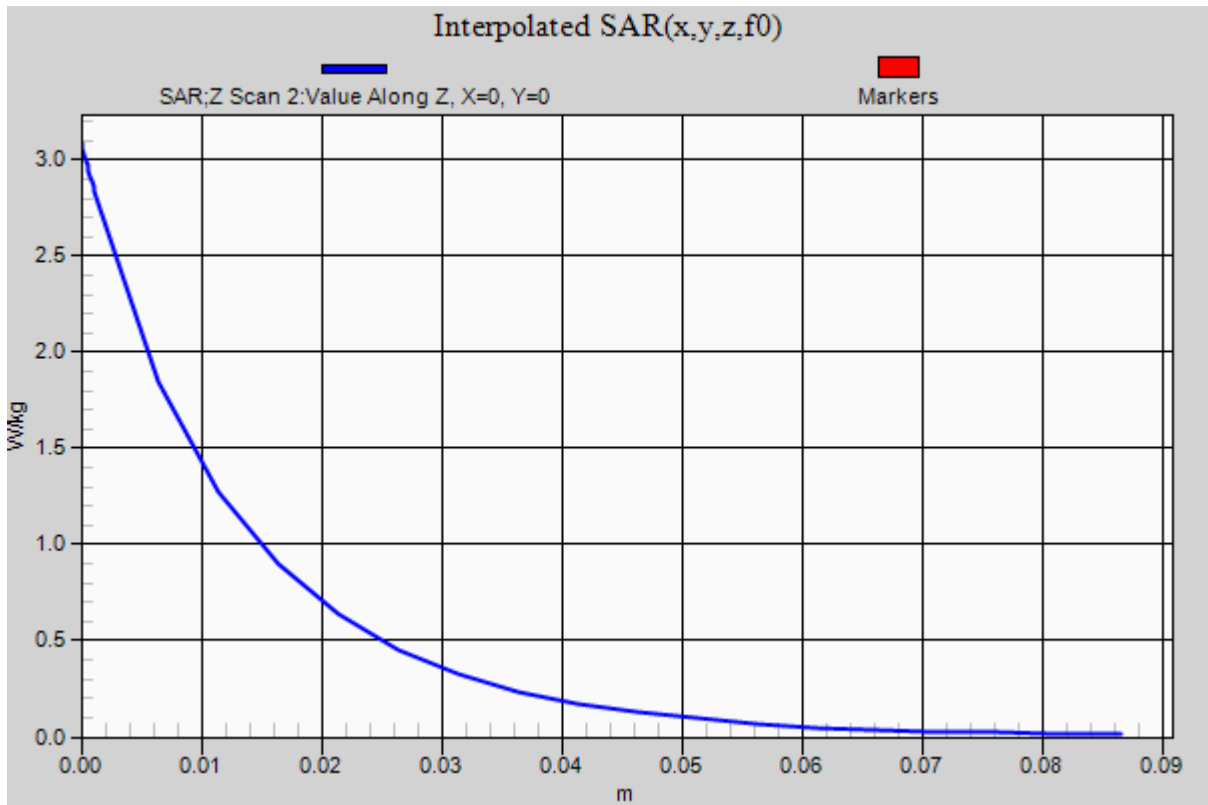
Maximum value of SAR (interpolated) = 3.08 W/kg

Date: 2021/08/09

Ambient Temp. : 21.1 degree.C. Liquid Temp.; 21.1 degree.C.



0 dB = 3.08 W/kg = 4.89 dBW/kg



D.24 20210810_SAR3_2600 MHz System Check

Communication System: UID 0, #CW (0); Communication System Band: D2600 (2600.0 MHz); ; Duty Cycle: 1:1

Medium parameters used: $f = 2600$ MHz; $\sigma = 2.221$ S/m; $\epsilon_r = 51.405$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration

Probe: EX3DV4 - SN3917; ConvF(7.26, 7.26, 7.26) @ 2600 MHz;

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1369;

Phantom: ELI v4.0 (20deg probe tilt); Type: QDOVA001BB;Serial: TP:1045

Measurement SW: DASY52, Version 52.10 (3);SEMCAD X Version 14.6.13 (7474)

Pin (2600 MHz)/250mW/Area Scan (81x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 27.2 W/kg

Pin (2600 MHz)/250mW/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 111.1 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 33.4 W/kg

SAR(1 g) = 15 W/kg; SAR(10 g) = 6.59 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 8 mm

Ratio of SAR at M2 to SAR at M1 = 45.8%

Maximum value of SAR (measured) = 26.0 W/kg

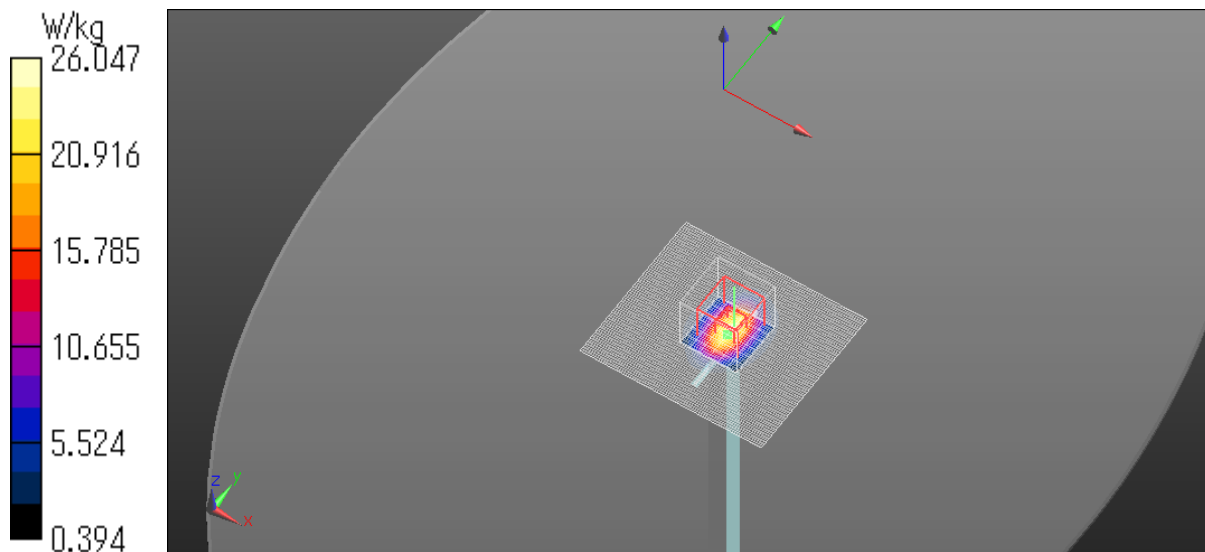
Pin (2600 MHz)/250mW/Z Scan (1x1x7): Measurement grid: dx=20mm, dy=20mm, dz=5mm

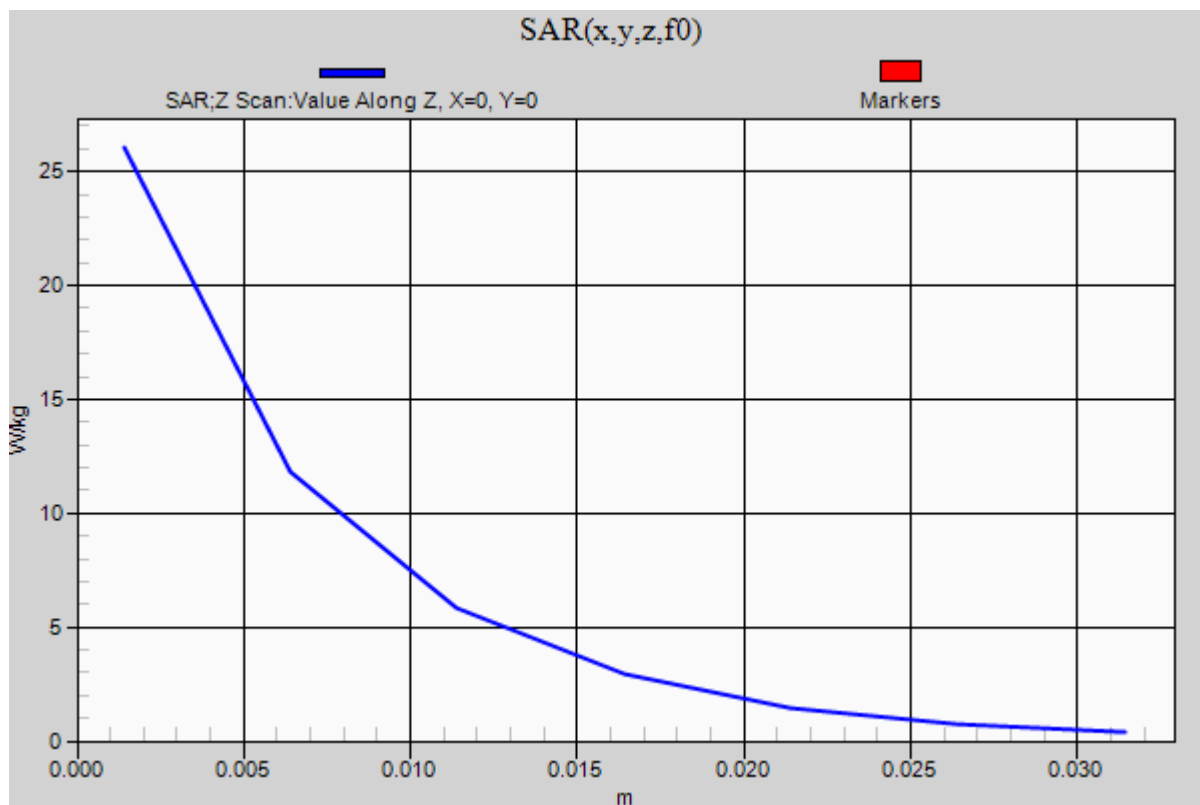
Maximum value of SAR (measured) = 26.0 W/kg

Ambient Temp. : 20.5 degree.C. Liquid Temp.; 20.5 degree.C.

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

Date: 2021/08/10





D.25 20210810_SAR3_3500 MHz System Check

Communication System: UID 0, #CW (0); Communication System Band: D3500 (3500.0 MHz); ; Duty Cycle: 1:1

Medium parameters used: $f = 3500$ MHz; $\sigma = 3.172$ S/m; $\epsilon_r = 49.638$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration

Probe: EX3DV4 - SN3917; ConvF(6.4, 6.4, 6.4) @ 3500 MHz;

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1369;

Phantom: ELI v4.0 (20deg probe tilt); Type: QDOVA001BB;Serial: TP:1045

Measurement SW: DASY52, Version 52.10 (3);SEMCAD X Version 14.6.13 (7474)

Pin (3500MHz)/100mW START - Find Maximum/Area Scan (41x41x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

Pin (3500MHz)/100mW/Zoom Scan, dist=1.4mm (8x8x8)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 68.67 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 17.8 W/kg

SAR(1 g) = 7.01 W/kg; SAR(10 g) = 2.57 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 7.4 mm

Ratio of SAR at M2 to SAR at M1 = 77.1%

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

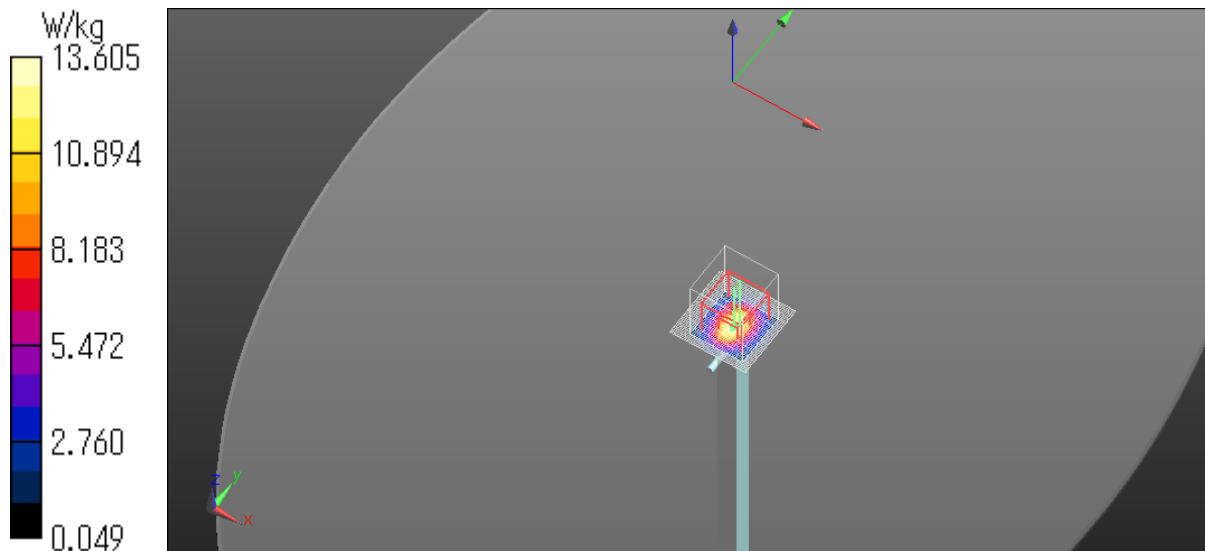
Pin (3500MHz)/100mW/Z Scan, Uniform (1x1x22): Measurement grid: dx=20mm, dy=20mm, dz=1.4mm

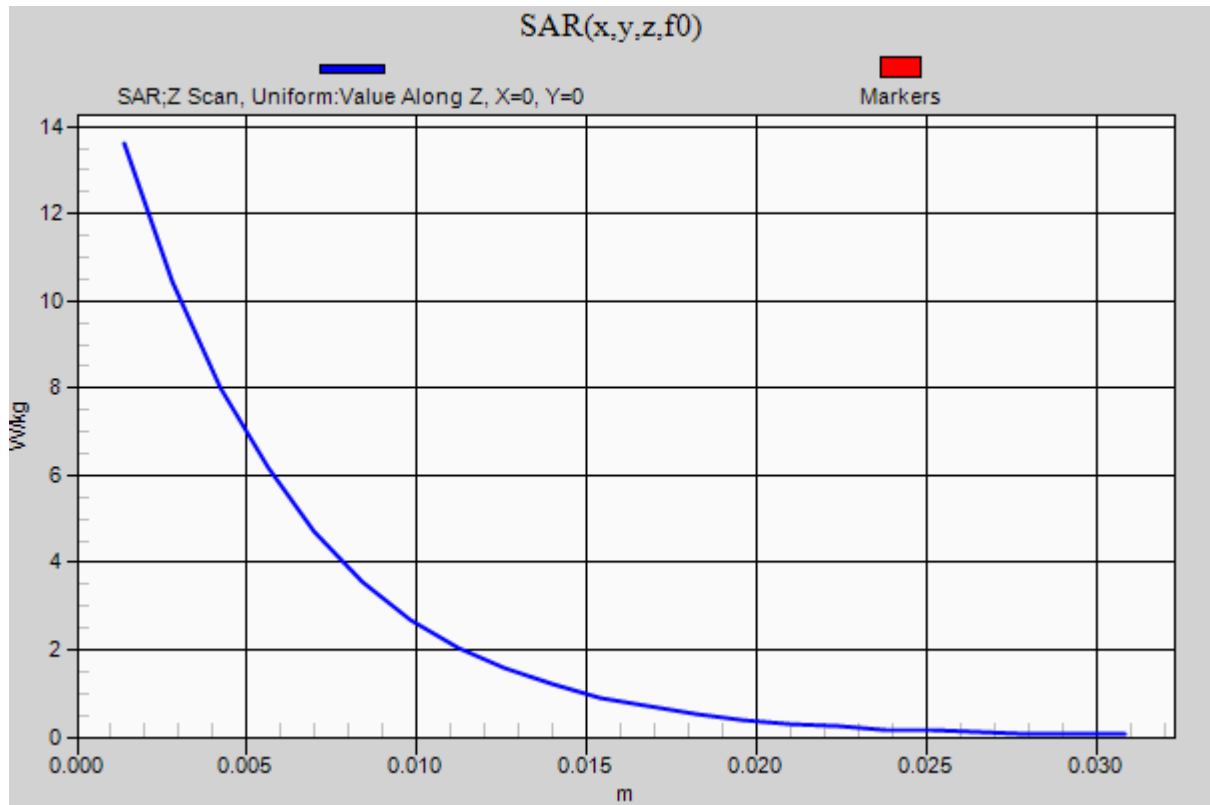
Maximum value of SAR (measured) = 13.6 W/kg

Ambient Temp. : 20.5 degree.C. Liquid Temp.; 20.5 degree.C.

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

Date: 2021/08/10





D.26 20210810_SAR3_3700 MHz System Check

Communication System: UID 0, #CW (0); Communication System Band: D3700 (3700.0 MHz); ; Duty Cycle: 1:1

Medium parameters used: $f = 3700$ MHz; $\sigma = 3.398$ S/m; $\epsilon_r = 49.341$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration

Probe: EX3DV4 - SN3917; ConvF(6.21, 6.21, 6.21) @ 3700 MHz;

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1369;

Phantom: ELI v4.0 (20deg probe tilt); Type: QDOVA001BB;Serial: TP:1045

Measurement SW: DASY52, Version 52.10 (3);SEMCAD X Version 14.6.13 (7474)

Pin (3700MHz)/100mW START - Find Maximum/Area Scan (41x41x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of Total (interpolated) = 69.48 V/m

Pin (3700MHz)/100mW/Zoom Scan, dist=1.4mm (8x8x8)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 62.84 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 18.1 W/kg

SAR(1 g) = 6.7 W/kg; SAR(10 g) = 2.38 W/kg (SAR corrected for target medium)

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) = 12.9 W/kg

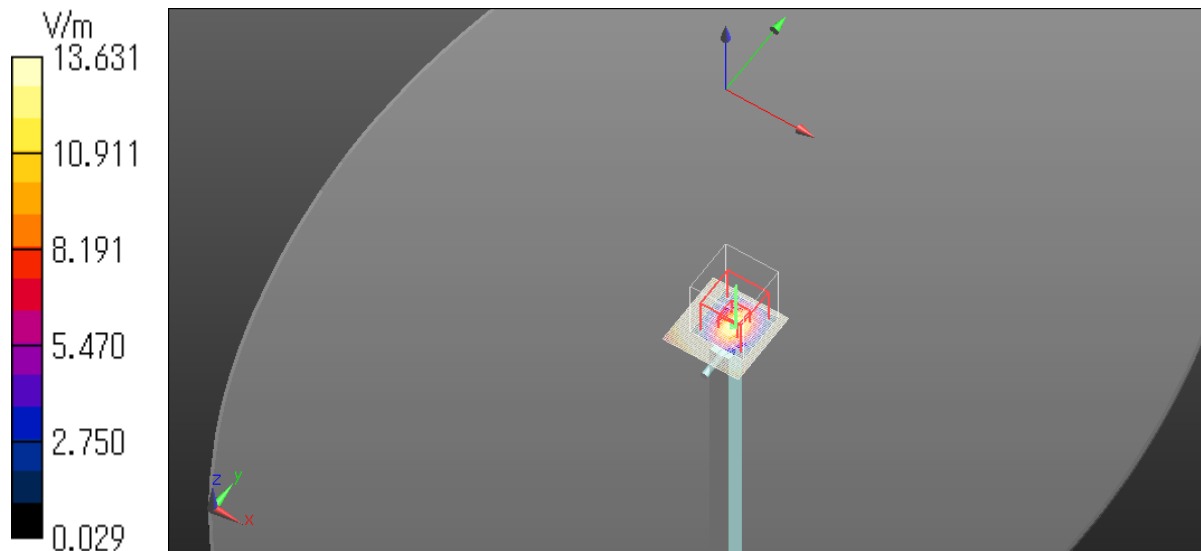
Pin (3700MHz)/100mW/Z Scan, Uniform (1x1x22): Measurement grid: dx=20mm, dy=20mm, dz=1.4mm

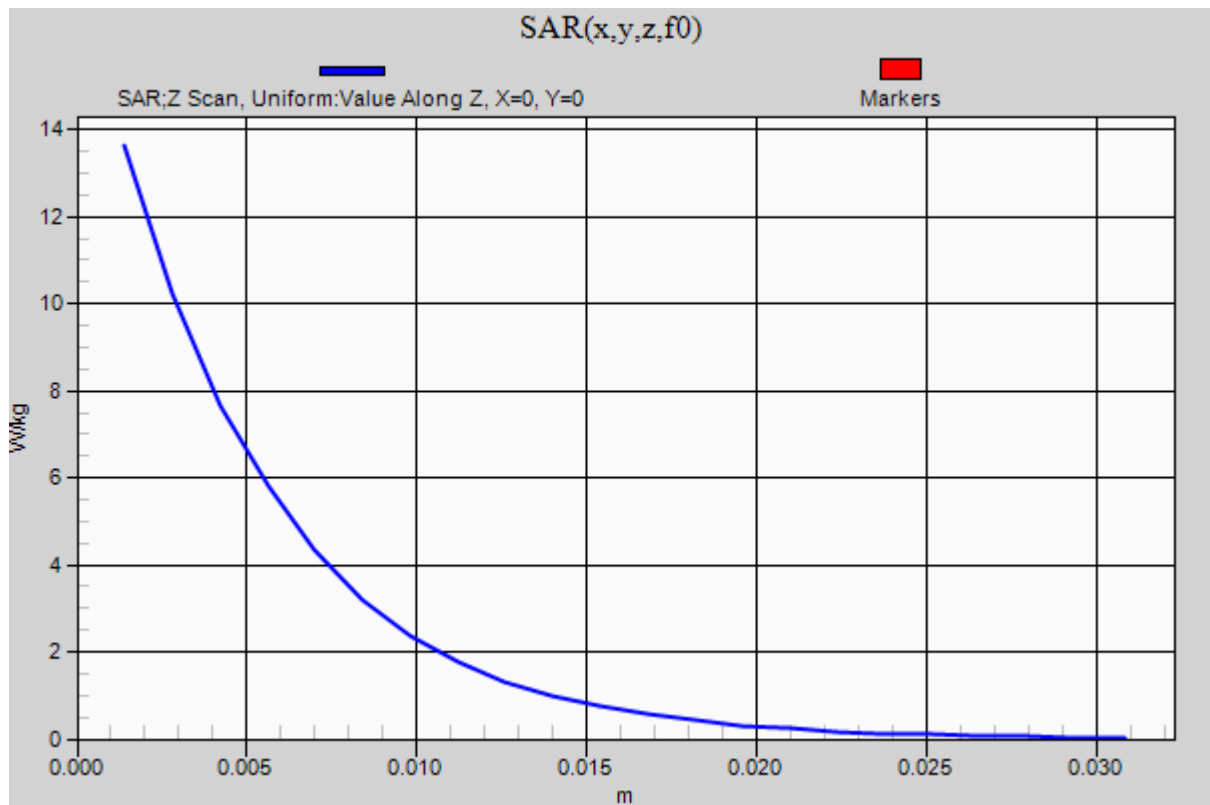
Maximum value of SAR (measured) = 13.6 W/kg

Ambient Temp. : 20.5 degree.C. Liquid Temp.; 20.5 degree.C.

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

Date: 2021/08/10





D.27 20210811_SAR1_1750MHz System Check

Communication System: UID 0, #CW (0); Communication System Band: D1750 (1750.0 MHz); ; Duty Cycle: 1:1

Medium parameters used: $f = 1750$ MHz; $\sigma = 1.482$ S/m; $\epsilon_r = 51.329$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration

Probe: EX3DV4 - SN3825; ConvF(8.1, 8.1, 8.1) @ 1750 MHz;

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509;

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

Measurement SW: DASY52, Version 52.10 (3);SEMCAD X Version 14.6.13 (7474)

System Performance Check at Frequencies 2450MHz/Pin=250 mW/Area Scan (61x61x1): Interpolated grid:

$dx=1.500$ mm, $dy=1.500$ mm

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

System Performance Check at Frequencies 2450MHz/Pin=250 mW/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 101.5 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 16.7 W/kg

SAR(1 g) = 9.32 W/kg; SAR(10 g) = 4.94 W/kg (SAR corrected for target medium)

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

Ratio of SAR at M2 to SAR at M1 = 56.5%

Maximum value of SAR (measured) = 14.2 W/kg

System Performance Check at Frequencies 2450MHz/Pin=250 mW/Z Scan (1x1x18): Measurement grid:

$dx=20$ mm, $dy=20$ mm, $dz=5$ mm

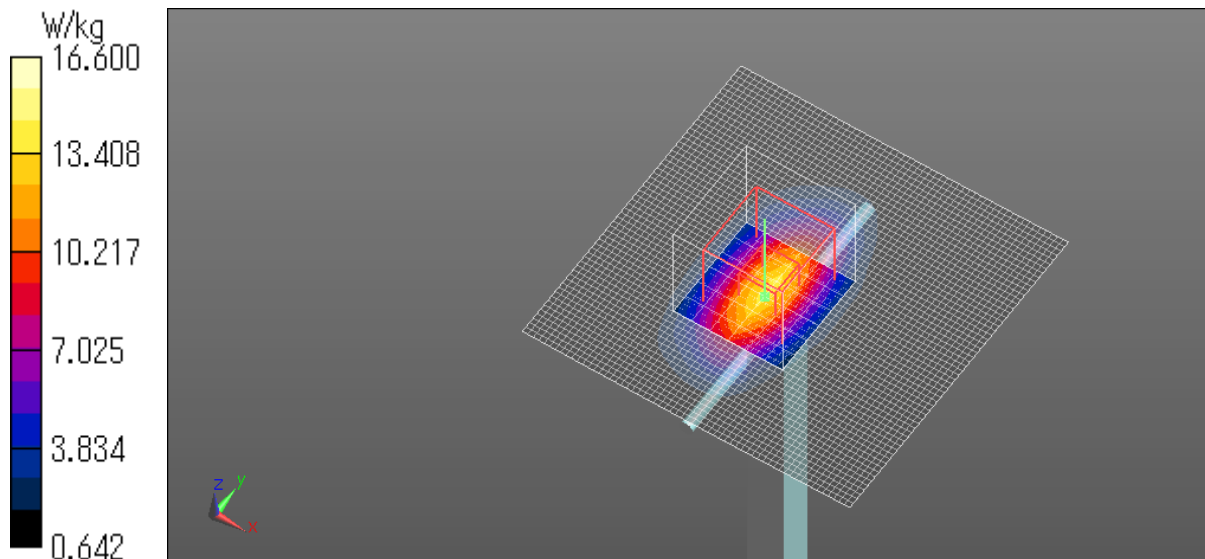
Penetration depth = 9.274 (8.770, 9.681) [mm]

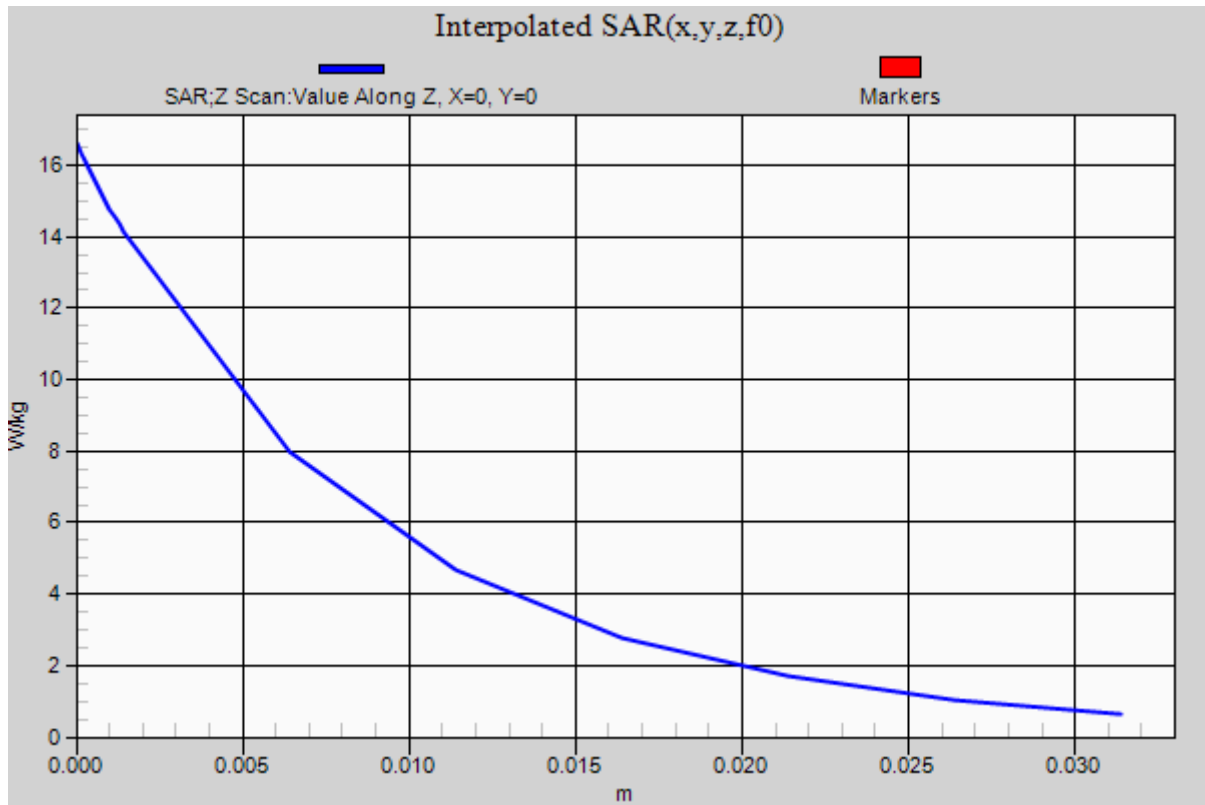
Maximum value of SAR (interpolated) = 16.6 W/kg

Ambient Temp. : 23.0 degree.C. Liquid Temp.; 22.5 degree.C.

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

Date: 2021/08/11





D.28 20210812_SAR2_1900 MHz System Check

Communication System: UID 0, #CW (0); Communication System Band: D1900 (1900.0 MHz); Frequency: 1900 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.59$ S/m; $\epsilon_r = 53.966$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN7372; ConvF(7.71, 7.71, 7.71) @ 1900 MHz; Calibrated: 2021/04/23

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn554; Calibrated: 2021/04/13

Phantom: ELI v5.0 TP1207 (30deg probe tilt); Type: QDOVA001BB; Serial: TP:1207

Measurement SW: DASYS2, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

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

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

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

Reference Value = 105.3 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 19.8 W/kg

SAR(1 g) = 10.6 W/kg; SAR(10 g) = 5.46 W/kg (SAR corrected for target medium)

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

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

Maximum value of SAR (measured) = 16.4 W/kg

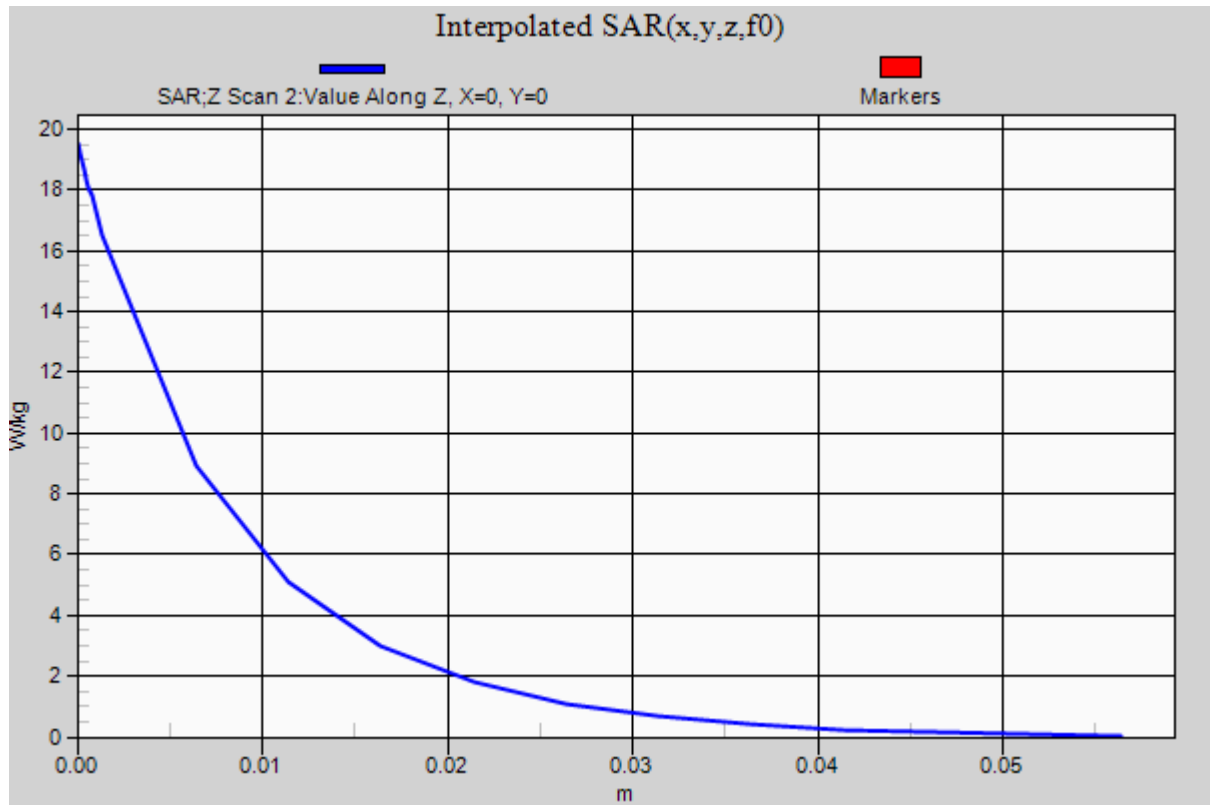
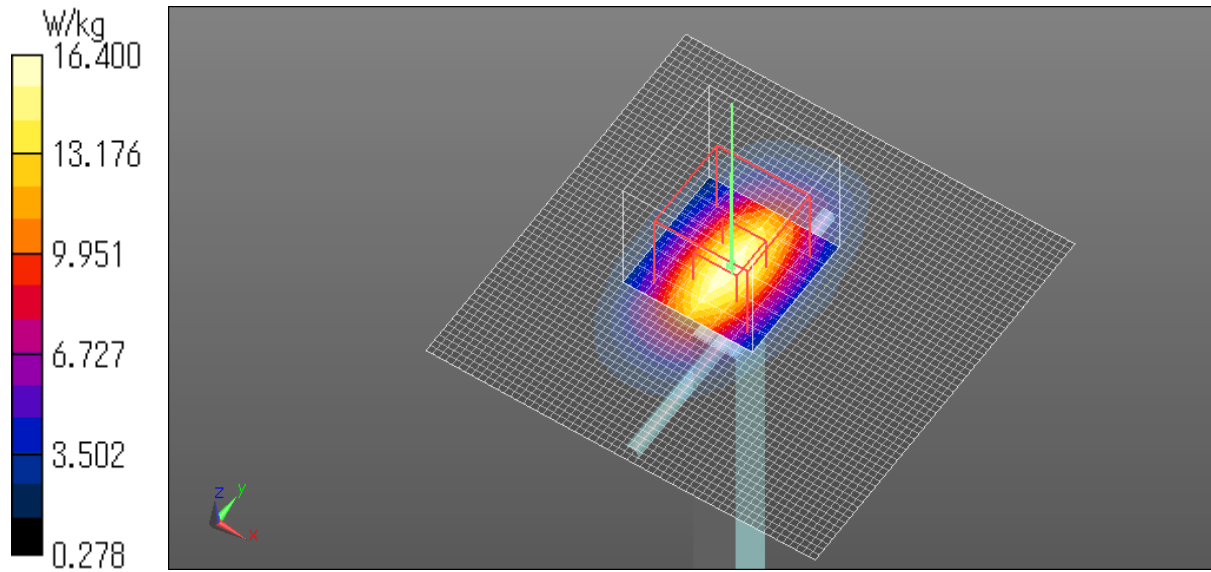
Pin/250mW/Z Scan 2 (1x1x23): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Penetration depth = 9.004 (8.145, 9.417) [mm]

Maximum value of SAR (interpolated) = 19.5 W/kg

Date: 2021/08/12

Ambient Temp. : 20.0 degree.C. Liquid Temp.; 20.0 degree.C.



D.29 20210816_SAR3_2600 MHz System Check

Communication System: UID 0, #CW (0); Communication System Band: D2600 (2600.0 MHz); ; Duty Cycle: 1:1

Medium parameters used: $f = 2600$ MHz; $\sigma = 2.26$ S/m; $\epsilon_r = 54.051$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration

Probe: EX3DV4 - SN3917; ConvF(7.26, 7.26, 7.26) @ 2600 MHz;

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1369;

Phantom: ELI v4.0 (20deg probe tilt); Type: QDOVA001BB;Serial: TP:1045

Measurement SW: DASY52, Version 52.10 (3);SEMCAD X Version 14.6.13 (7474)

Pin (2600 MHz)/250mW/Area Scan (81x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 27.5 W/kg

Pin (2600 MHz)/250mW/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 110.6 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 33.2 W/kg

SAR(1 g) = 14.8 W/kg; SAR(10 g) = 6.45 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 8 mm

Ratio of SAR at M2 to SAR at M1 = 45.2%

Maximum value of SAR (measured) = 26.0 W/kg

Pin (2600 MHz)/250mW/Z Scan (1x1x18): Measurement grid: dx=20mm, dy=20mm, dz=5mm

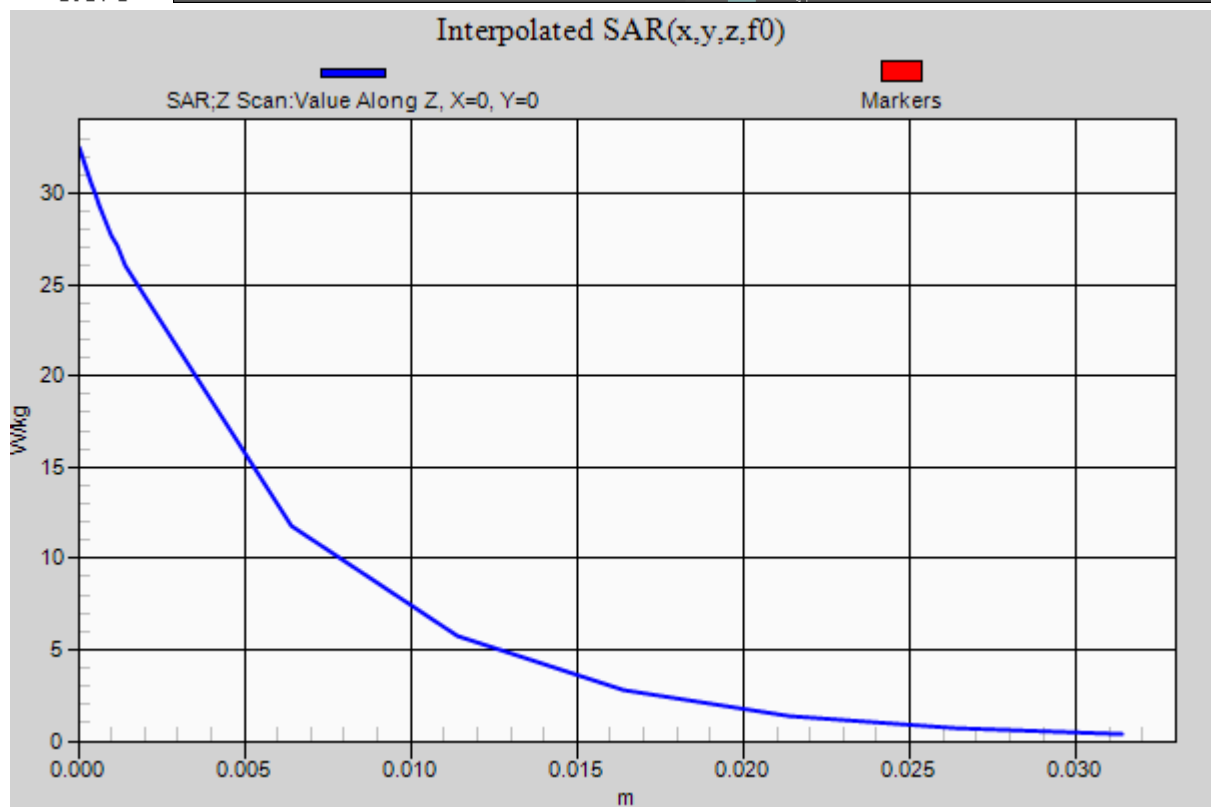
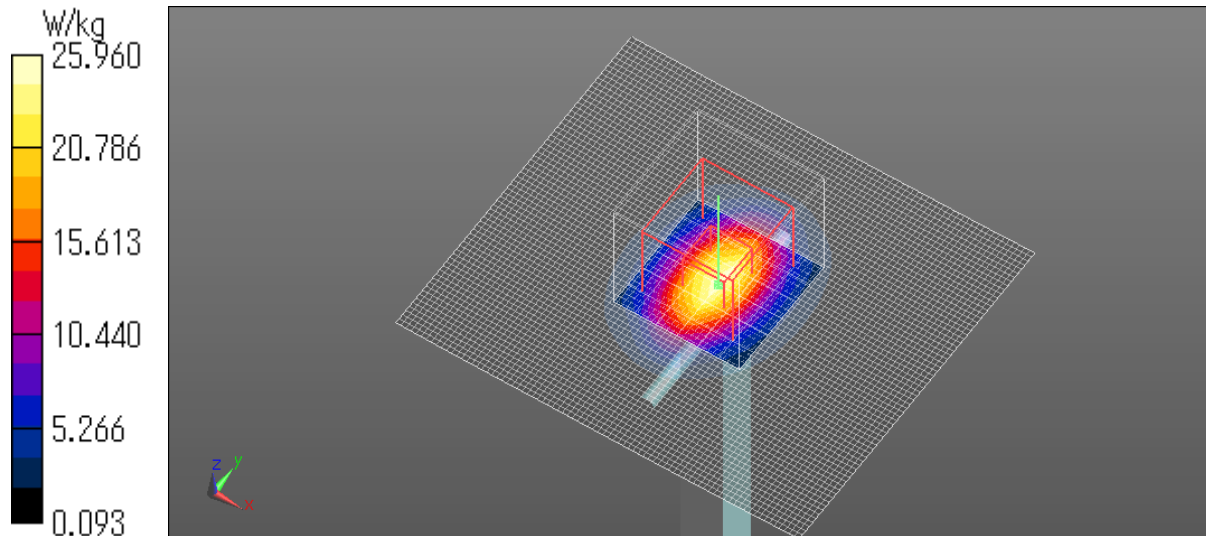
Penetration depth = 6.972 (6.279, 7.111) [mm]

Maximum value of SAR (interpolated) = 32.5 W/kg

Ambient Temp. : 20.0 degree.C. Liquid Temp.; 20.0 degree.C.

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

Date: 2021/08/16



D.30 20210816_SAR3_3500 MHz System Check

Communication System: UID 0, #CW (0); Communication System Band: D3500 (3500.0 MHz); ; Duty Cycle: 1:1

Medium parameters used: $f = 3500$ MHz; $\sigma = 3.291$ S/m; $\epsilon_r = 52.124$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration

Probe: EX3DV4 - SN3917; ConvF(6.4, 6.4, 6.4) @ 3500 MHz;

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1369;

Phantom: ELI v4.0 (20deg probe tilt); Type: QDOVA001BB;Serial: TP:1045

Measurement SW: DASY52, Version 52.10 (3);SEMCAD X Version 14.6.13 (7474)

Pin (3500MHz)/100mW START - Find Maximum/Area Scan (41x41x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 13.4 W/kg

Pin (3500MHz)/100mW/Zoom Scan, dist=1.4mm (8x8x8)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 66.47 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 17.3 W/kg

SAR(1 g) = 6.81 W/kg; SAR(10 g) = 2.51 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 7.6 mm

Ratio of SAR at M2 to SAR at M1 = 77.3%

Maximum value of SAR (measured) = 12.4 W/kg

Pin (3500MHz)/100mW/Z Scan, Uniform (1x1x33): Measurement grid: dx=20mm, dy=20mm, dz=1.4mm

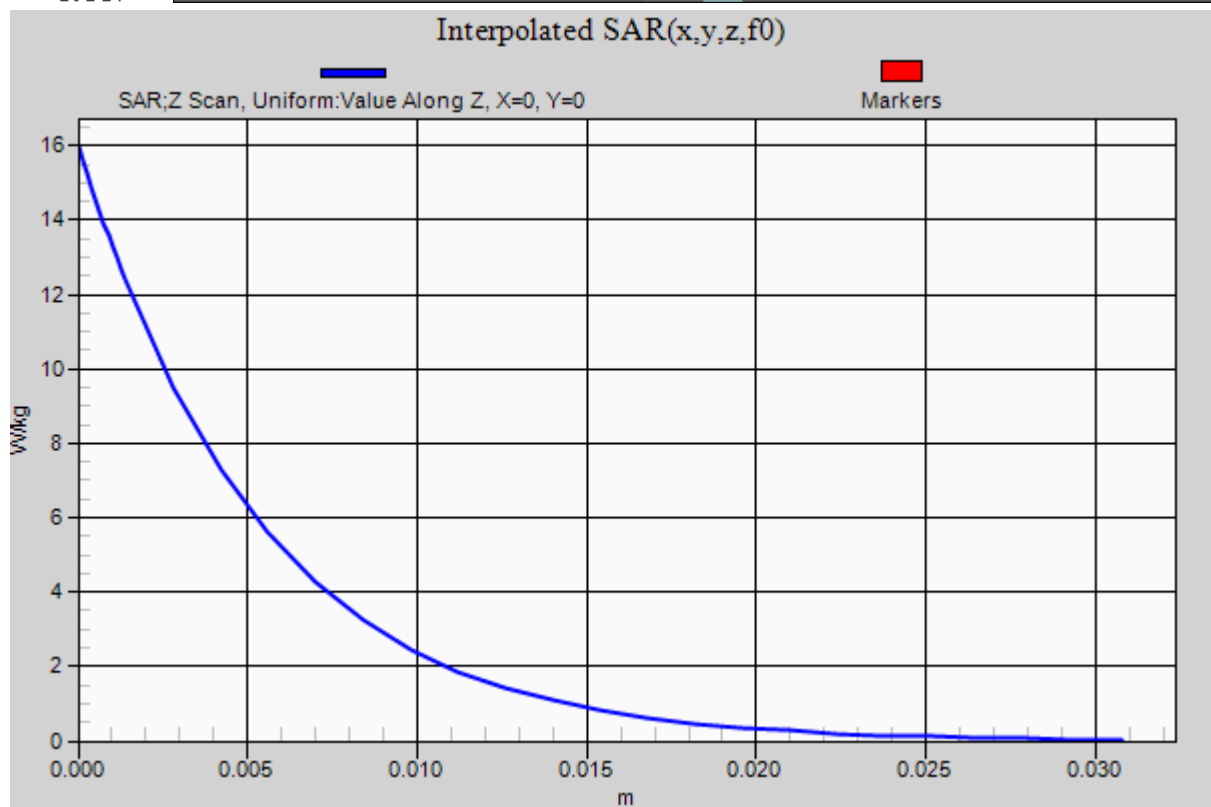
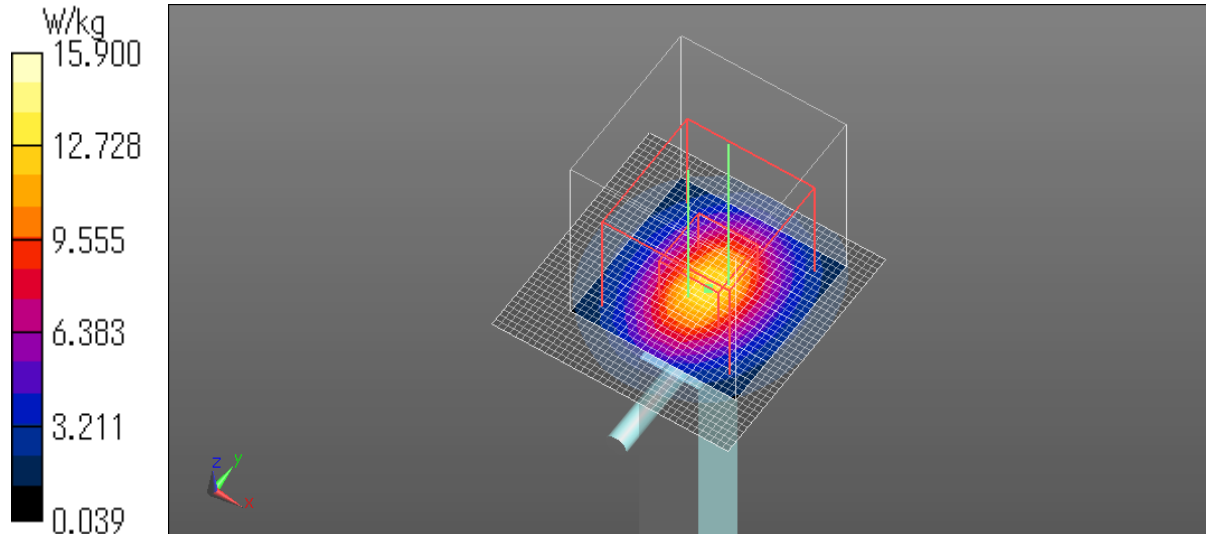
Penetration depth = 5.038 (5.367, 5.136) [mm]

Maximum value of SAR (interpolated) = 15.9 W/kg

Ambient Temp. : 20.0 degree.C. Liquid Temp.; 20.0 degree.C.

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

Date: 2021/08/16



D.31 20210816_SAR3_3700 MHz System Check

Communication System: UID 0, #CW (0); Communication System Band: D3700 (3700.0 MHz); ; Duty Cycle: 1:1

Medium parameters used: $f = 3700$ MHz; $\sigma = 3.534$ S/m; $\epsilon_r = 51.803$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration

Probe: EX3DV4 - SN3917; ConvF(6.21, 6.21, 6.21) @ 3700 MHz;

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1369;

Phantom: ELI v4.0 (20deg probe tilt); Type: QDOVA001BB;Serial: TP:1045

Measurement SW: DASY52, Version 52.10 (3);SEMCAD X Version 14.6.13 (7474)

Pin (3700MHz)/100mW START - Find Maximum/Area Scan (41x41x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

Pin (3700MHz)/100mW/Zoom Scan, dist=1.4mm (8x8x8)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 65.47 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 19.0 W/kg

SAR(1 g) = 6.91 W/kg; SAR(10 g) = 2.46 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 8 mm

Ratio of SAR at M2 to SAR at M1 = 74.8%

Maximum value of SAR (measured) = 13.3 W/kg

Pin (3700MHz)/100mW/Z Scan, Uniform (1x1x33): Measurement grid: dx=20mm, dy=20mm, dz=1.4mm

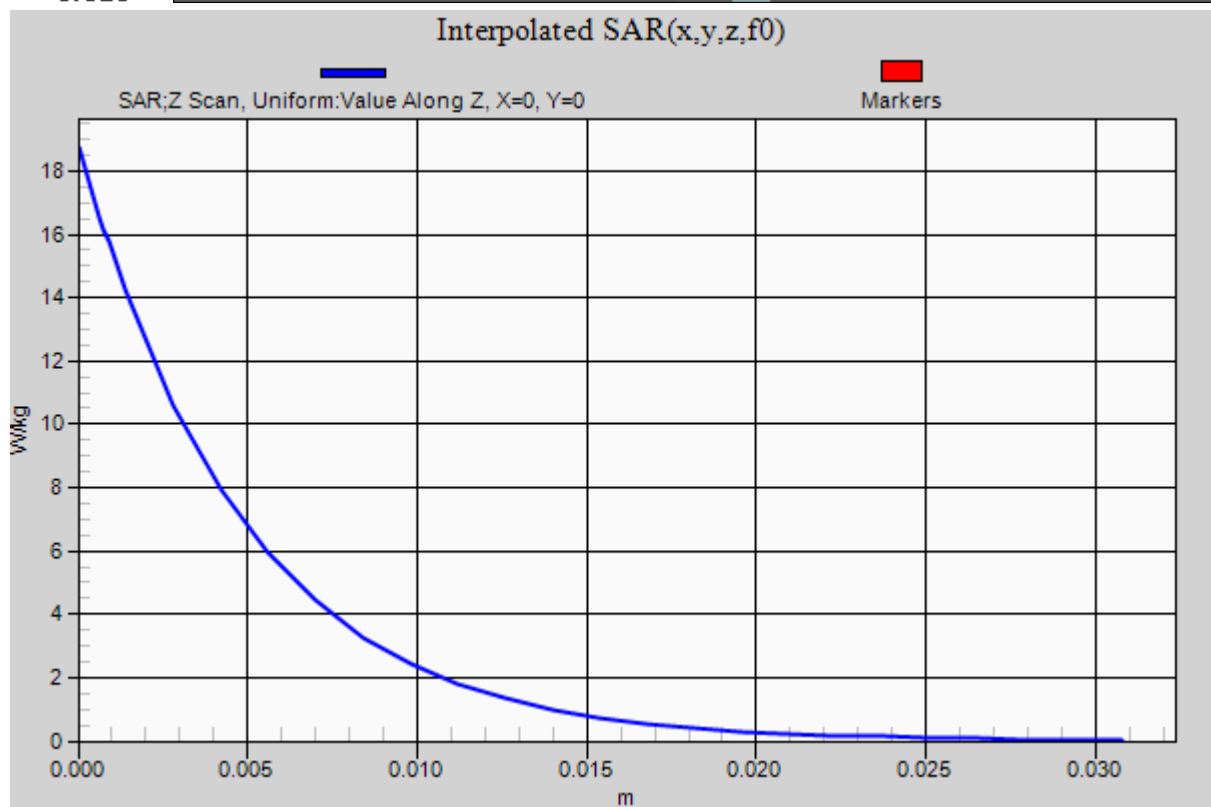
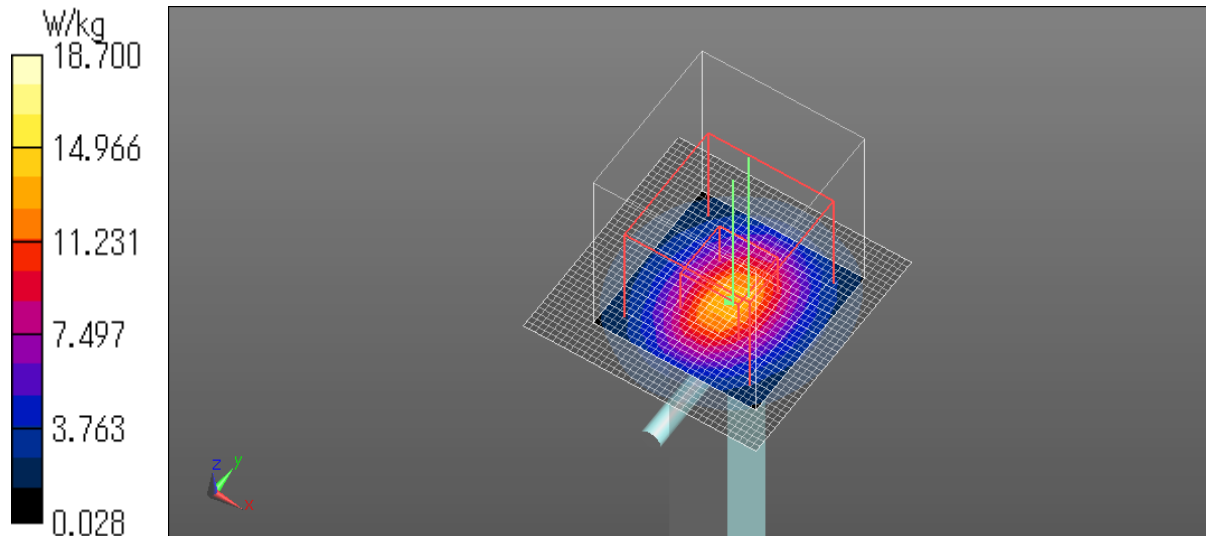
Penetration depth = 4.663 (4.941, 4.733) [mm]

Maximum value of SAR (interpolated) = 18.7 W/kg

Ambient Temp. : 20.0 degree.C. Liquid Temp.; 20.0 degree.C.

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

Date: 2021/08/16



D.32 20210816_SAR2_1900 MHz System Check

Communication System: UID 0, #CW (0); Communication System Band: D1900 (1900.0 MHz); Frequency: 1900 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.588$ S/m; $\epsilon_r = 55.766$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV4 - SN7372; ConvF(7.71, 7.71, 7.71) @ 1900 MHz; Calibrated: 2021/04/23

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn554; Calibrated: 2021/04/13

Phantom: ELI v5.0 TP1207 (30deg probe tilt); Type: QDOVA001BB; Serial: TP:1207

Measurement SW: DASYS2, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

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

Maximum value of SAR (interpolated) = 16.4 W/kg

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

Reference Value = 107.0 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 20.2 W/kg

SAR(1 g) = 10.8 W/kg; SAR(10 g) = 5.57 W/kg (SAR corrected for target medium)

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

Ratio of SAR at M2 to SAR at M1 = 54.3%

Maximum value of SAR (measured) = 16.8 W/kg

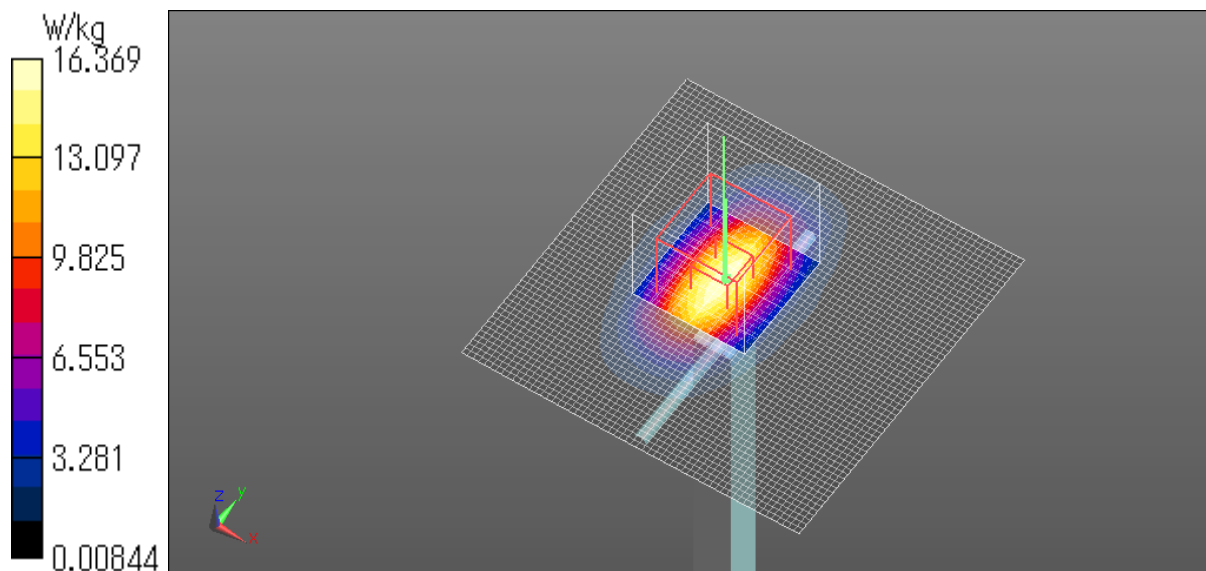
Pin/250mW/Z Scan 2 (1x1x23): Measurement grid: dx=20mm, dy=20mm, dz=5mm

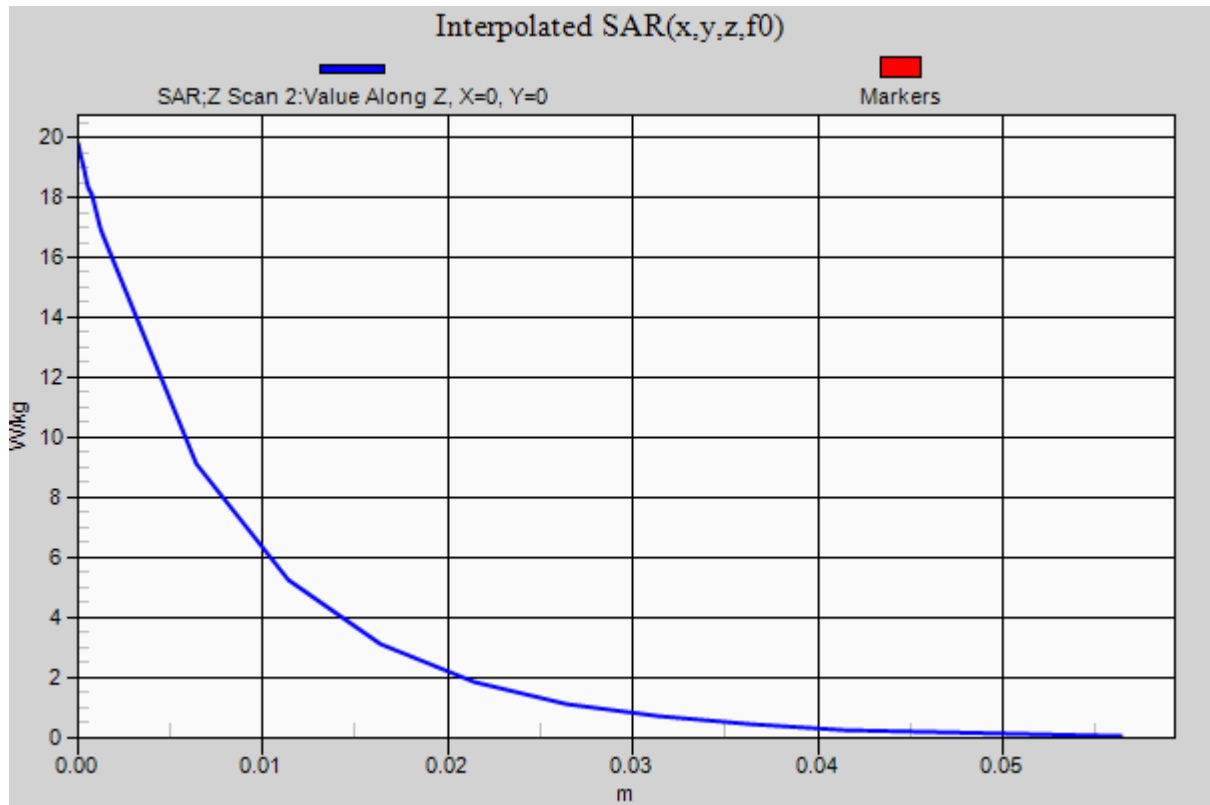
Penetration depth = 9.098 (8.176, 9.487) [mm]

Maximum value of SAR (interpolated) = 19.8 W/kg

Date: 2021/08/16

Ambient Temp. : 20.0 degree.C. Liquid Temp.; 20.0 degree.C.





D.33 20210818_SAR1_835 MHz System Check

Communication System: UID 0, #CW (0); Communication System Band: D835 (835.0 MHz); ; Duty Cycle: 1:1
Medium parameters used: $f = 835$ MHz; $\sigma = 1.011$ S/m; $\epsilon_r = 52.806$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration

Probe: EX3DV4 - SN7372; ConvF(9.86, 9.86, 9.86) @ 835 MHz;

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn554;

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

Measurement SW: DASY52, Version 52.10 (3);SEMCAD X Version 14.6.13 (7474)

Pin/250mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 3.45 W/kg

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

Reference Value = 61.53 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 4.01 W/kg

SAR(1 g) = 2.6 W/kg; SAR(10 g) = 1.7 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 16.2 mm

Ratio of SAR at M2 to SAR at M1 = 65.1%

Maximum value of SAR (measured) = 3.51 W/kg

Pin/250mW/Z Scan 2 (1x1x22): Measurement grid: dx=20mm, dy=20mm, dz=5mm

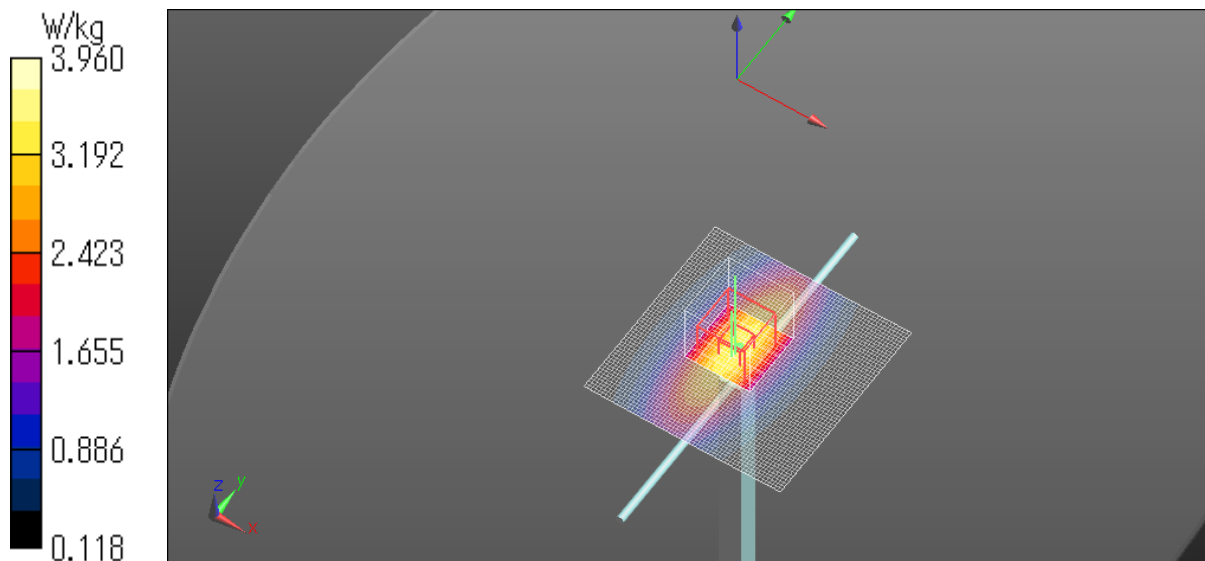
Penetration depth = 13.48 (11.84, 14.11) [mm]

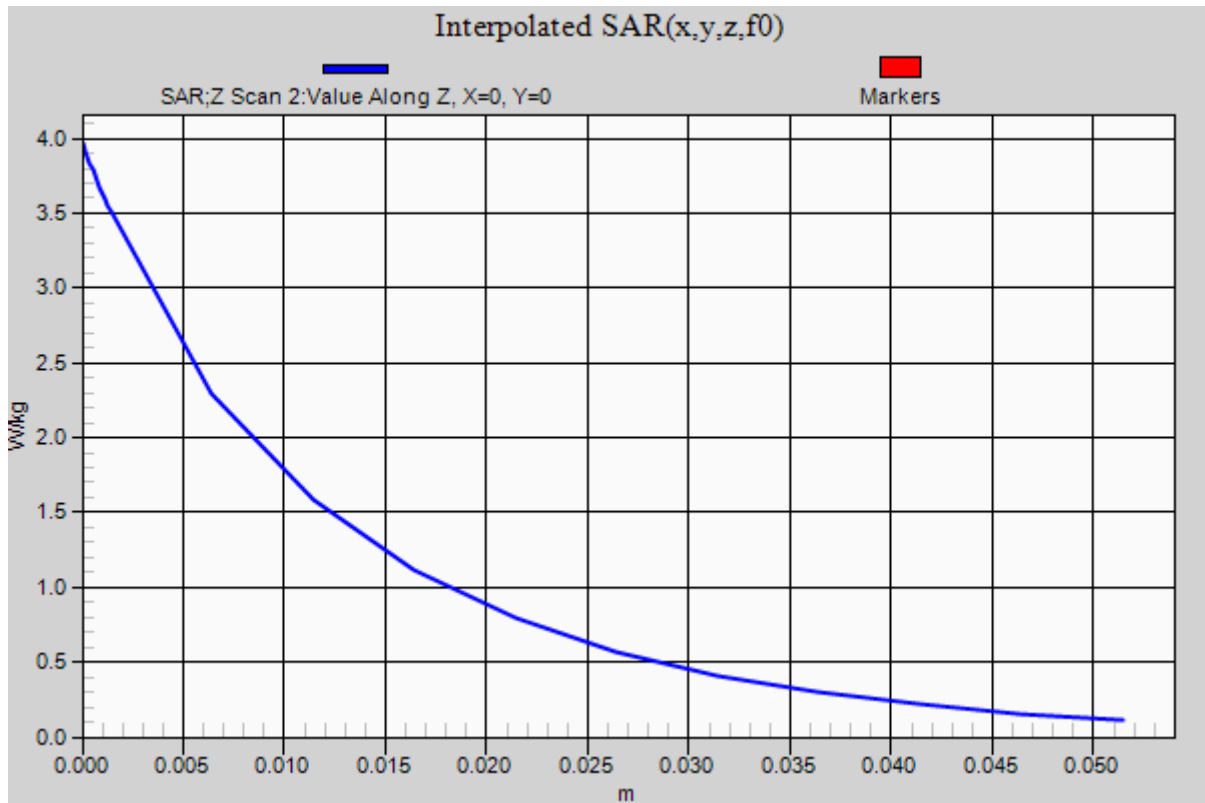
Maximum value of SAR (interpolated) = 3.96 W/kg

Ambient Temp. : 20.0 degree.C. Liquid Temp.; 20.0 degree.C.

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

Date: 2021/08/18





D.34 20210823_SAR3_750 MHz System Check

Communication System: UID 0, #CW (0); Communication System Band: D750 (750.0 MHz); ; Duty Cycle: 1:1
Medium parameters used: $f = 750$ MHz; $\sigma = 0.986$ S/m; $\epsilon_r = 53.776$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration

Probe: EX3DV4 - SN3917; ConvF(9.72, 9.72, 9.72) @ 750 MHz;

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1369;

Phantom: ELI v4.0 (20deg probe tilt); Type: QDOVA001BB;Serial: TP:1045

Measurement SW: DASY52, Version 52.10 (3);SEMCAD X Version 14.6.13 (7474)

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

Maximum value of SAR (interpolated) = 2.92 W/kg

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

Reference Value = 56.63 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 3.35 W/kg

SAR(1 g) = 2.15 W/kg; SAR(10 g) = 1.42 W/kg (SAR corrected for target medium)

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

Maximum value of SAR (measured) = 2.92 W/kg

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

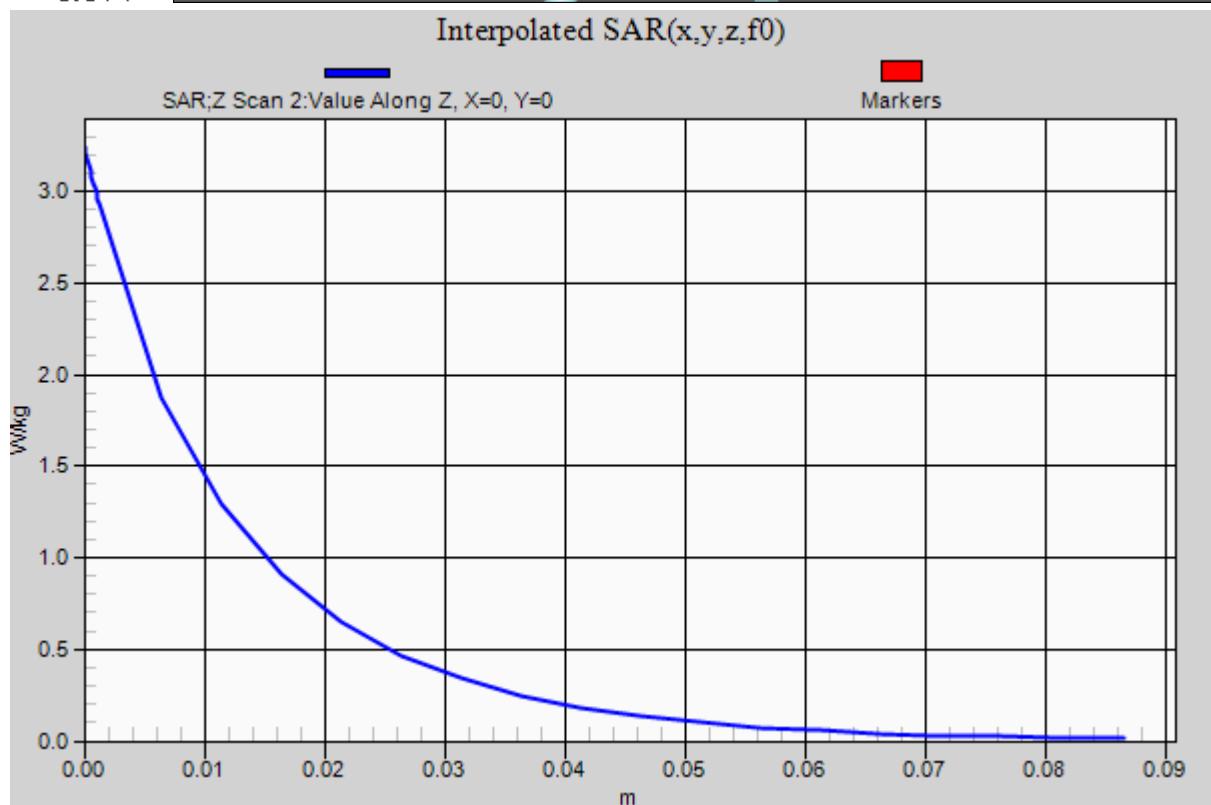
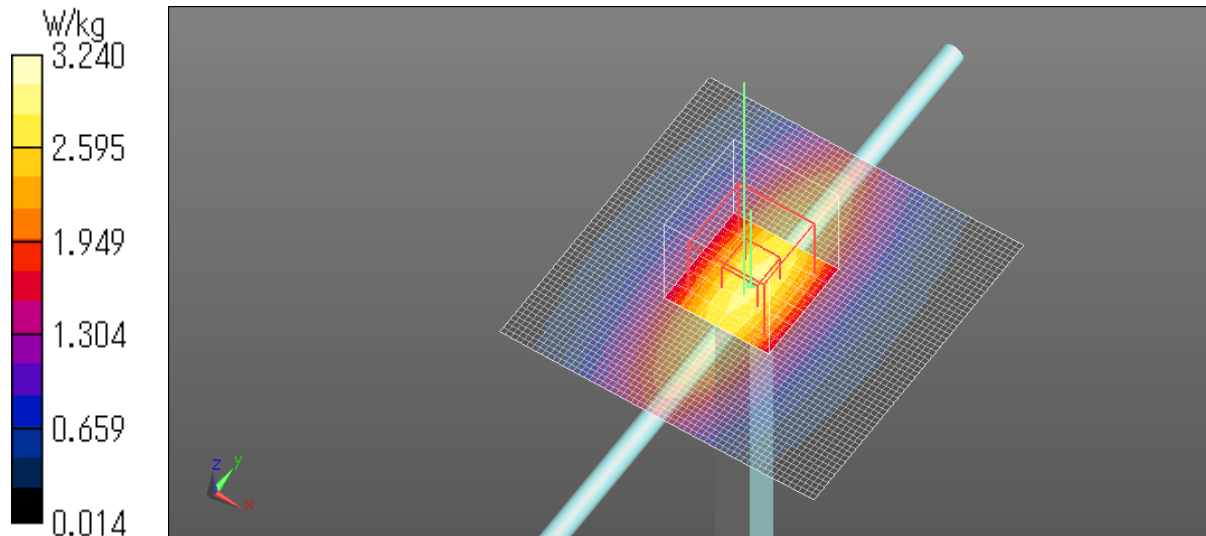
Penetration depth = 13.49 (11.38, 14.26) [mm]

Maximum value of SAR (interpolated) = 3.24 W/kg

Ambient Temp. : 22.0 degree.C. Liquid Temp.; 22.0 degree.C.

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

Date: 2021/08/23



D.35 20210826_SAR3_2600 MHz System Check

Communication System: UID 0, #CW (0); Communication System Band: D2600 (2600.0 MHz); ; Duty Cycle: 1:1

Medium parameters used: $f = 2600$ MHz; $\sigma = 2.182$ S/m; $\epsilon_r = 50.354$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration

Probe: EX3DV4 - SN3917; ConvF(7.26, 7.26, 7.26) @ 2600 MHz;

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1369;

Phantom: ELI v4.0 (20deg probe tilt); Type: QDOVA001BB;Serial: TP:1045

Measurement SW: DASY52, Version 52.10 (3);SEMCAD X Version 14.6.13 (7474)

Pin (2600 MHz)/250mW/Area Scan (81x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 24.5 W/kg

Pin (2600 MHz)/250mW/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 107.6 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 30.6 W/kg

SAR(1 g) = 13.7 W/kg; SAR(10 g) = 5.98 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 8.5 mm

Ratio of SAR at M2 to SAR at M1 = 45.7%

Maximum value of SAR (measured) = 23.9 W/kg

Pin (2600 MHz)/250mW/Z Scan (1x1x18): Measurement grid: dx=20mm, dy=20mm, dz=5mm

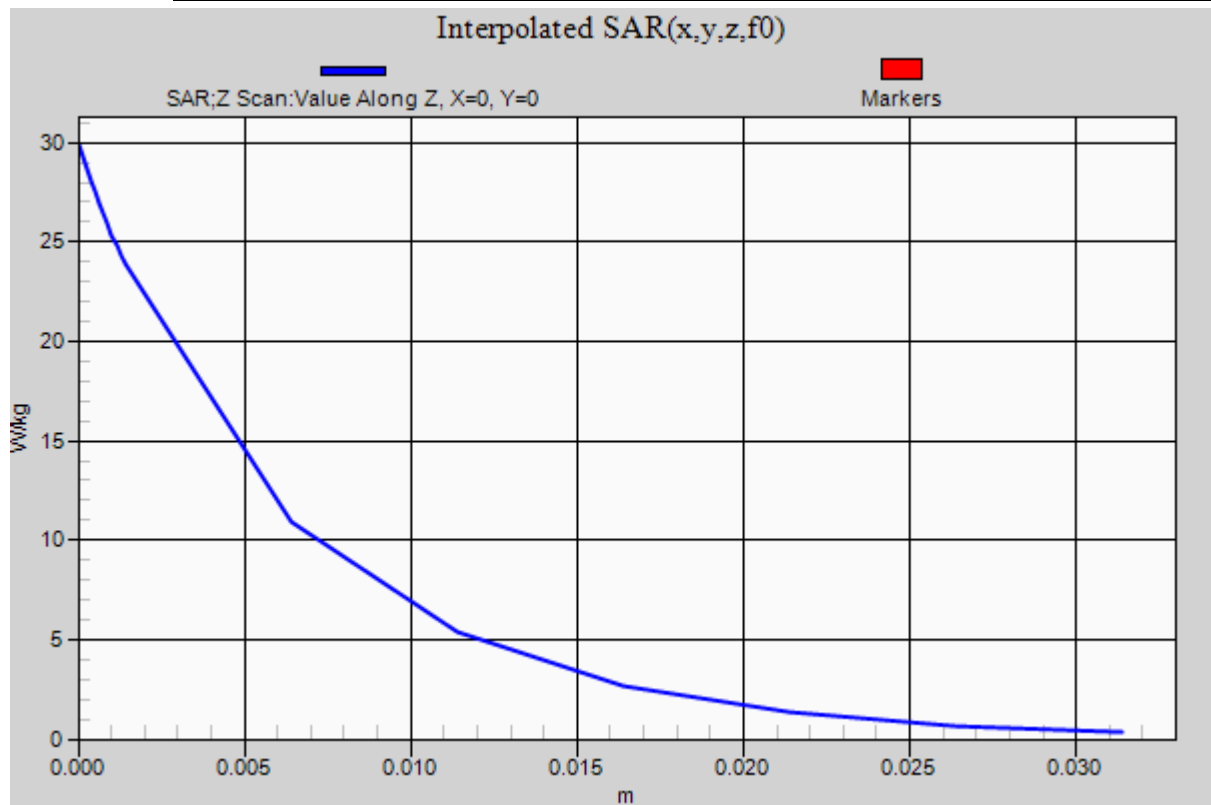
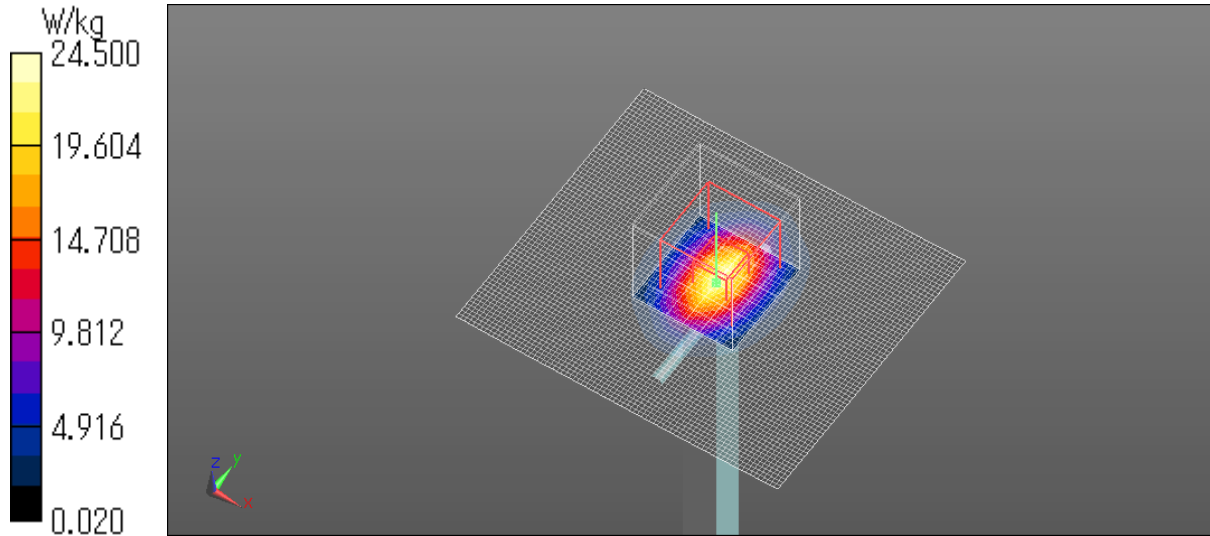
Penetration depth = 7.075 (6.371, 7.180) [mm]

Maximum value of SAR (interpolated) = 29.8 W/kg

Ambient Temp. : 22.0 degree.C. Liquid Temp.; 22.0 degree.C.

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

Date: 2021/08/26



D.36 20210830_SAR3_2600 MHz System Check

Communication System: UID 0, #CW (0); Communication System Band: D2600 (2600.0 MHz); ; Duty Cycle: 1:1

Medium parameters used: $f = 2600$ MHz; $\sigma = 2.229$ S/m; $\epsilon_r = 51.124$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration

Probe: EX3DV4 - SN3917; ConvF(7.26, 7.26, 7.26) @ 2600 MHz;

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1369;

Phantom: ELI v4.0 (20deg probe tilt); Type: QDOVA001BB;Serial: TP:1045

Measurement SW: DASY52, Version 52.10 (3);SEMCAD X Version 14.6.13 (7474)

Pin (2600 MHz)/250mW/Area Scan (81x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 25.8 W/kg

Pin (2600 MHz)/250mW/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 109.0 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 31.8 W/kg

SAR(1 g) = 14.4 W/kg; SAR(10 g) = 6.3 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 8 mm

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

Maximum value of SAR (measured) = 24.9 W/kg

Pin (2600 MHz)/250mW/Z Scan (1x1x18): Measurement grid: dx=20mm, dy=20mm, dz=5mm

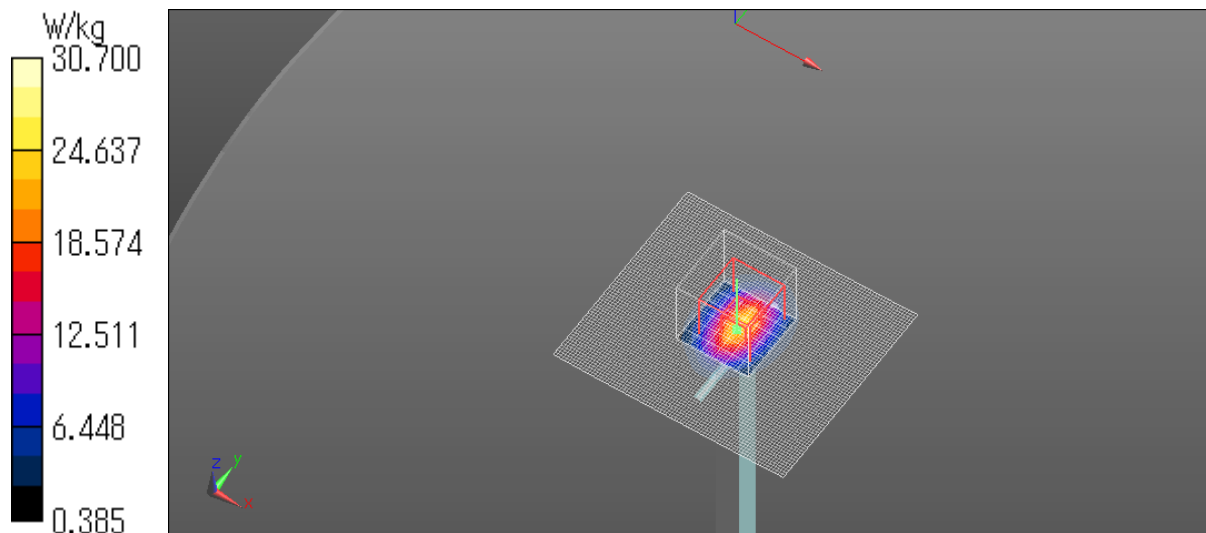
Penetration depth = 7.114 (6.463, 7.251) [mm]

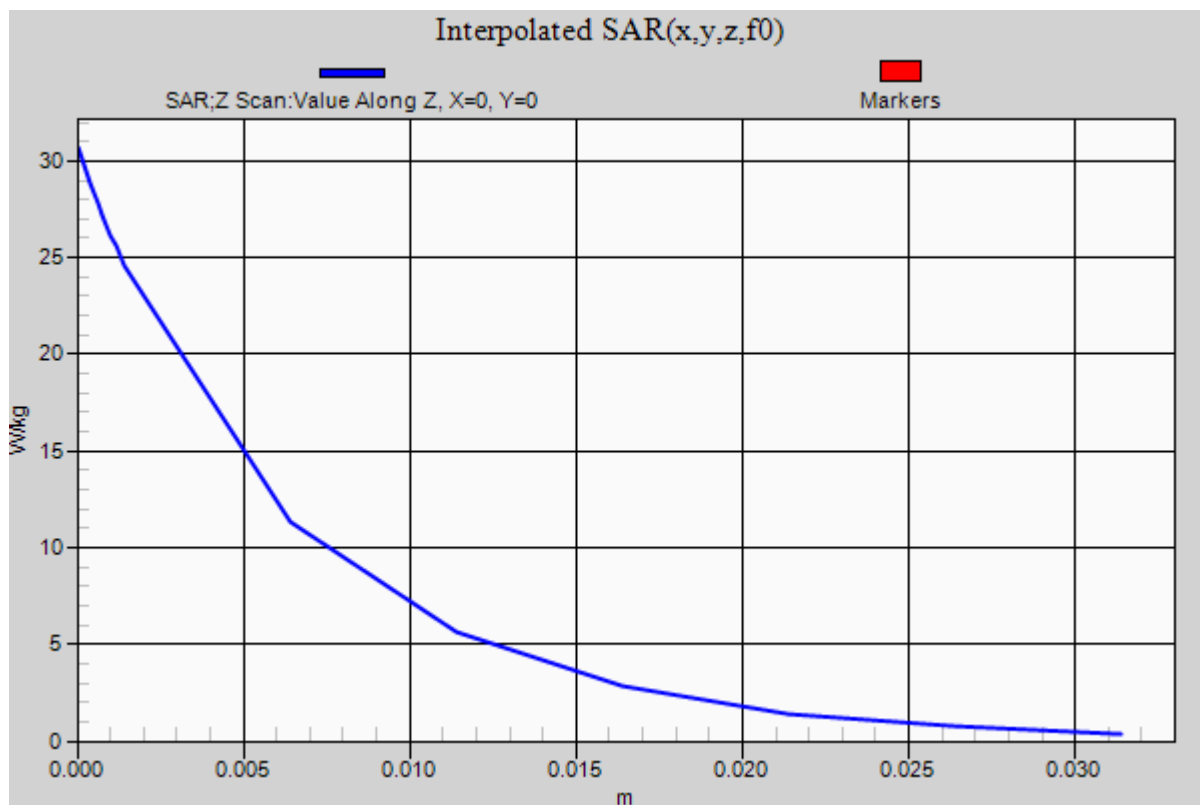
Maximum value of SAR (interpolated) = 30.7 W/kg

Ambient Temp. : 20.0 degree.C. Liquid Temp.; 20.0 degree.C.

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

Date: 2021/08/30





D.37 20210830_SAR3_3500 MHz System Check

Communication System: UID 0, #CW (0); Communication System Band: D3500 (3500.0 MHz); ; Duty Cycle: 1:1

Medium parameters used: $f = 3500$ MHz; $\sigma = 3.186$ S/m; $\epsilon_r = 49.536$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration

Probe: EX3DV4 - SN3917; ConvF(6.4, 6.4, 6.4) @ 3500 MHz;

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1369;

Phantom: ELI v4.0 (20deg probe tilt); Type: QDOVA001BB;Serial: TP:1045

Measurement SW: DASY52, Version 52.10 (3);SEMCAD X Version 14.6.13 (7474)

Pin (3500MHz)/100mW START - Find Maximum/Area Scan (41x41x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

Pin (3500MHz)/100mW/Zoom Scan, dist=1.4mm (8x8x8)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 64.61 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 16.6 W/kg

SAR(1 g) = 6.66 W/kg; SAR(10 g) = 2.48 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 7.9 mm

Ratio of SAR at M2 to SAR at M1 = 77.5%

Maximum value of SAR (measured) = 12.0 W/kg

Pin (3500MHz)/100mW/Z Scan, Uniform (1x1x33): Measurement grid: dx=20mm, dy=20mm, dz=1.4mm

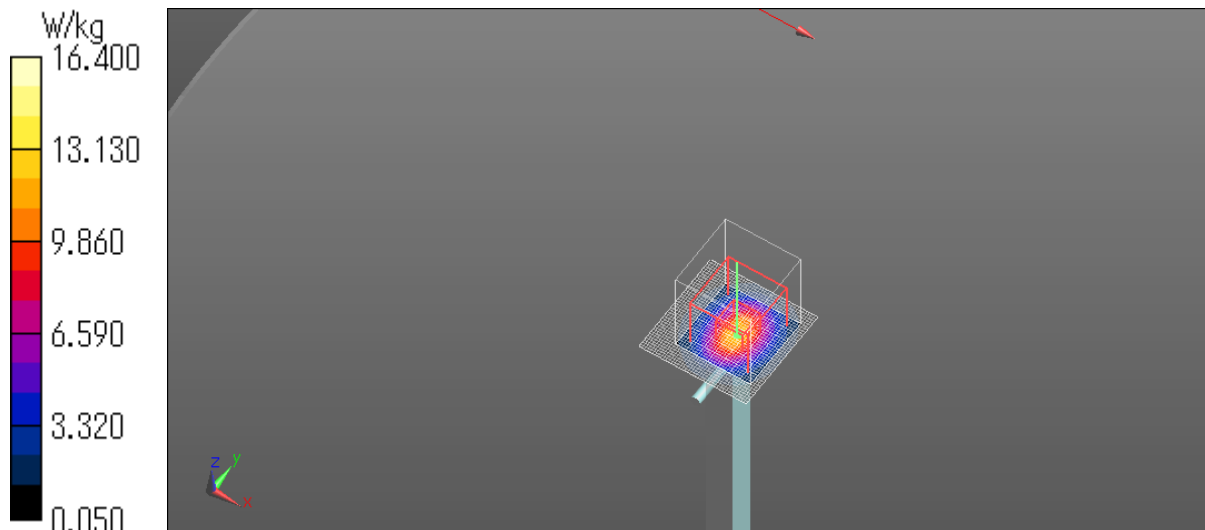
Penetration depth = 5.180 (5.498, 5.291) [mm]

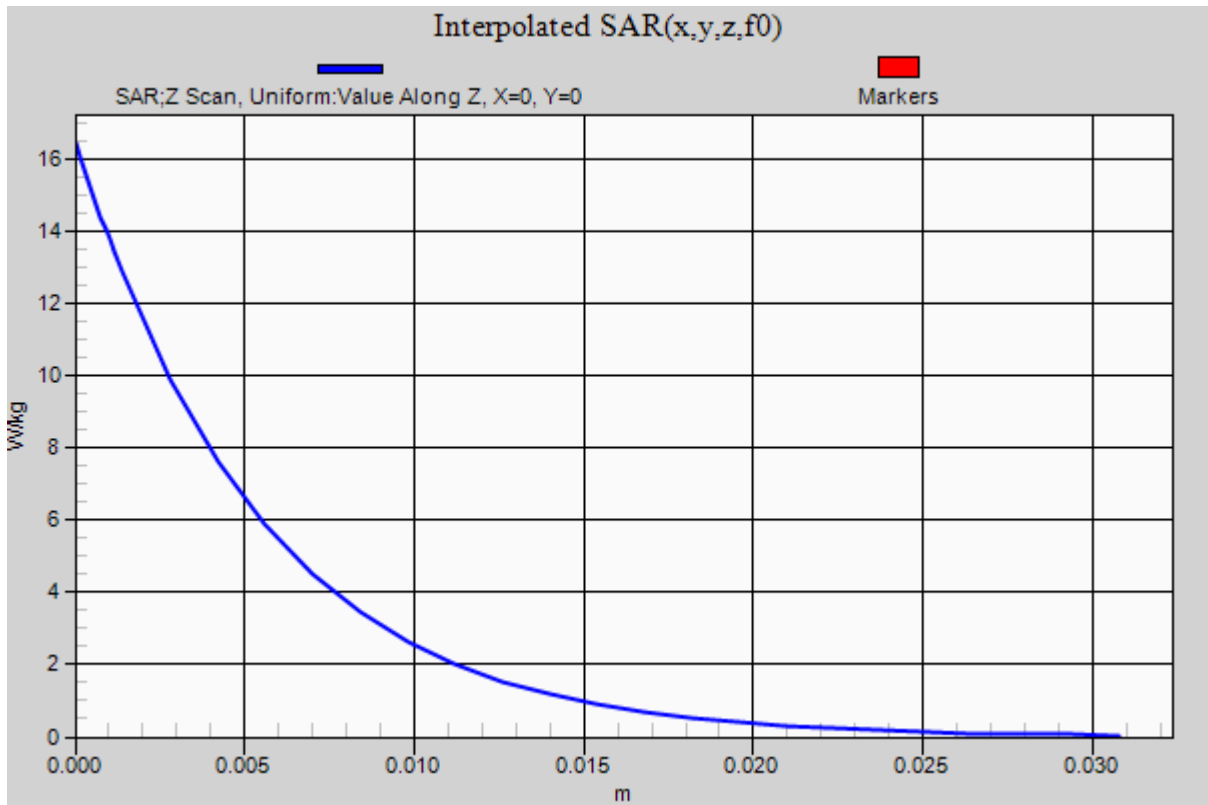
Maximum value of SAR (interpolated) = 16.4 W/kg

Ambient Temp. : 20.0 degree.C. Liquid Temp.; 20.0 degree.C.

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

Date: 2021/08/30





D.38 20210908_SAR3_2600 MHz System Check

Communication System: UID 0, #CW (0); Communication System Band: D2600 (2600.0 MHz); ; Duty Cycle: 1:1

Medium parameters used: $f = 2600$ MHz; $\sigma = 2.227$ S/m; $\epsilon_r = 52.585$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration

Probe: EX3DV4 - SN3917; ConvF(7.26, 7.26, 7.26) @ 2600 MHz;

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1369;

Phantom: ELI v4.0 (20deg probe tilt); Type: QDOVA001BB;Serial: TP:1045

Measurement SW: DASY52, Version 52.10 (3);SEMCAD X Version 14.6.13 (7474)

Pin (2600 MHz)/250mW/Area Scan (81x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 26.0 W/kg

Pin (2600 MHz)/250mW/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 109.0 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 32.1 W/kg

SAR(1 g) = 14.6 W/kg; SAR(10 g) = 6.44 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 8 mm

Ratio of SAR at M2 to SAR at M1 = 46.8%

Maximum value of SAR (measured) = 25.1 W/kg

Pin (2600 MHz)/250mW/Z Scan (1x1x18): Measurement grid: dx=20mm, dy=20mm, dz=5mm

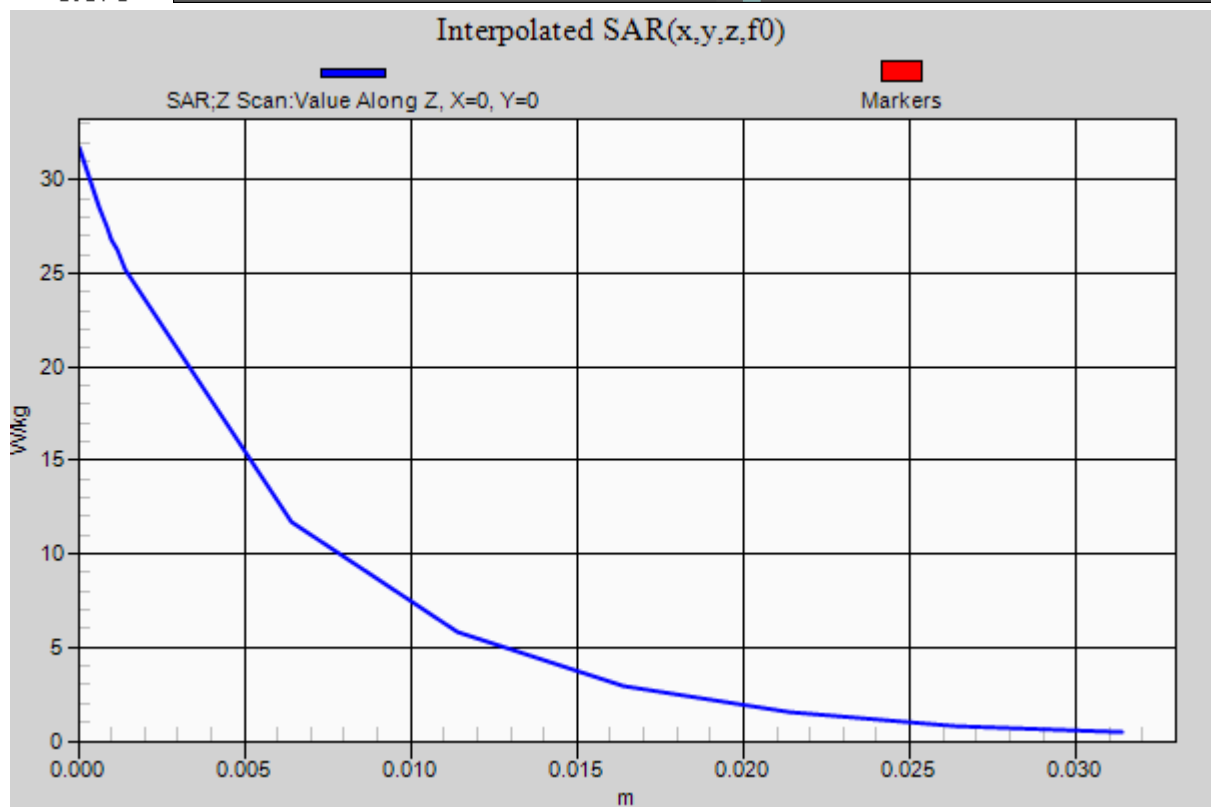
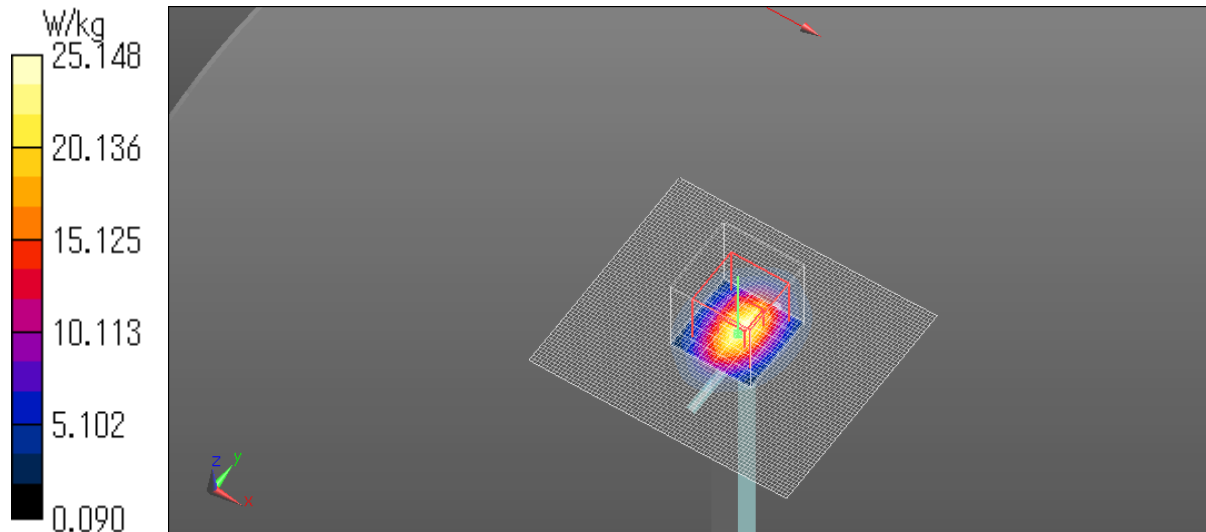
Penetration depth = 7.231 (6.498, 7.364) [mm]

Maximum value of SAR (interpolated) = 31.7 W/kg

Ambient Temp. : 20.0 degree.C. Liquid Temp.; 20.0 degree.C.

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

Date: 2021/09/08



D.39 20210908_SAR3_3500 MHz System Check

Communication System: UID 0, #CW (0); Communication System Band: D3500 (3500.0 MHz); ; Duty Cycle: 1:1

Medium parameters used: $f = 3500$ MHz; $\sigma = 3.203$ S/m; $\epsilon_r = 50.851$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration

Probe: EX3DV4 - SN3917; ConvF(6.4, 6.4, 6.4) @ 3500 MHz;

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1369;

Phantom: ELI v4.0 (20deg probe tilt); Type: QDOVA001BB;Serial: TP:1045

Measurement SW: DASY52, Version 52.10 (3);SEMCAD X Version 14.6.13 (7474)

Pin (3500MHz)/100mW START - Find Maximum/Area Scan (41x41x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 11.8 W/kg

Pin (3500MHz)/100mW/Zoom Scan, dist=1.4mm (8x8x8)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 63.59 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 15.7 W/kg

SAR(1 g) = 6.27 W/kg; SAR(10 g) = 2.35 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 8 mm

Ratio of SAR at M2 to SAR at M1 = 77.1%

Maximum value of SAR (measured) = 11.4 W/kg

Pin (3500MHz)/100mW/Z Scan, Uniform (1x1x33): Measurement grid: dx=20mm, dy=20mm, dz=1.4mm

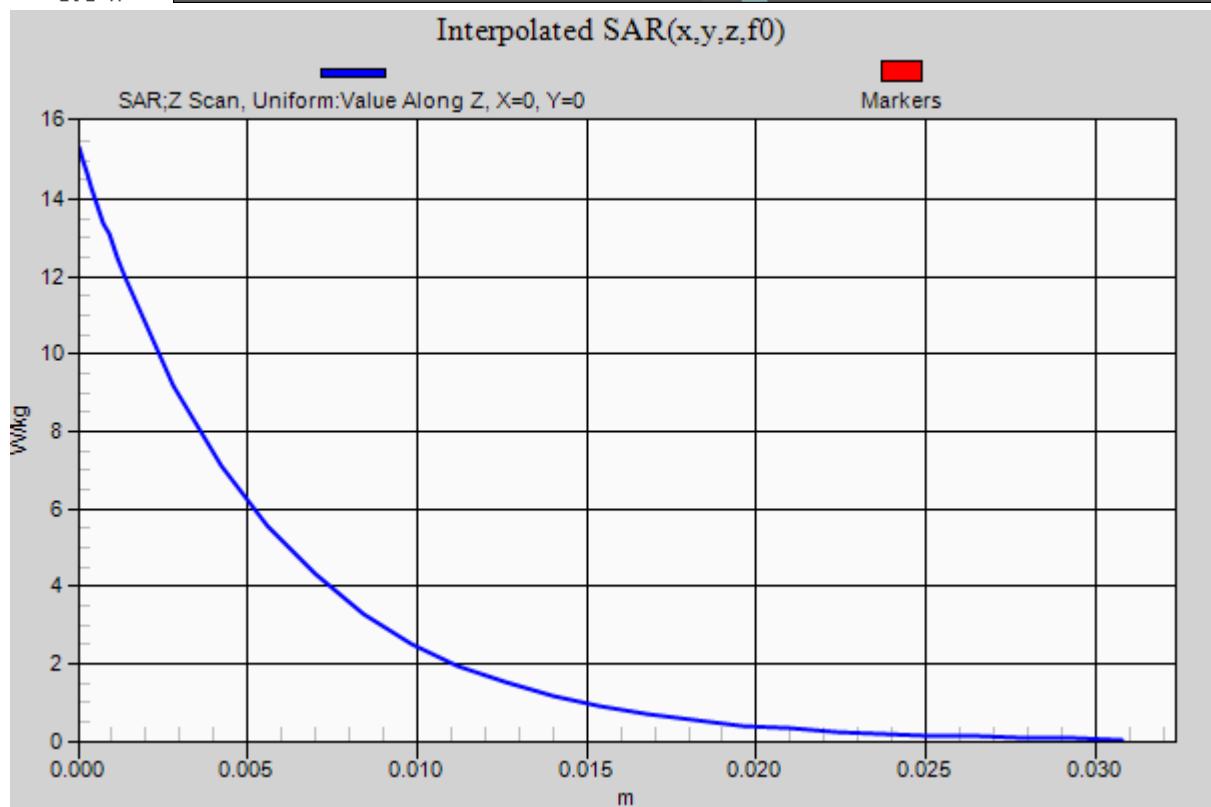
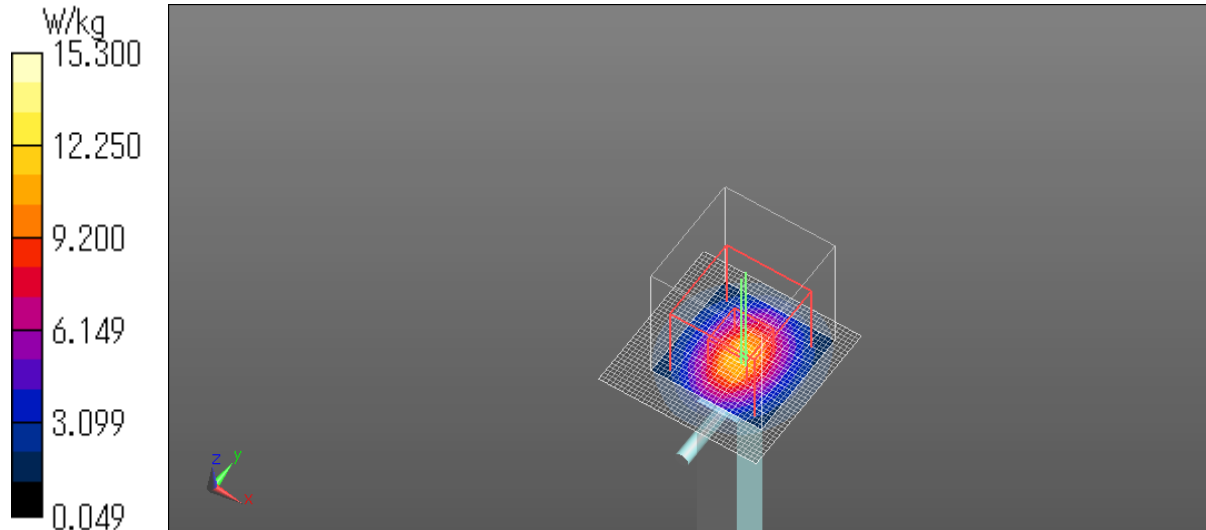
Penetration depth = 5.391 (5.696, 5.421) [mm]

Maximum value of SAR (interpolated) = 15.3 W/kg

Ambient Temp. : 20.0 degree.C. Liquid Temp.; 20.0 degree.C.

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

Date: 2021/09/08



D.40 20210908_SAR3_3700 MHz System Check

Communication System: UID 0, #CW (0); Communication System Band: D3700 (3700.0 MHz); ; Duty Cycle: 1:1

Medium parameters used: $f = 3700$ MHz; $\sigma = 3.443$ S/m; $\epsilon_r = 50.519$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration

Probe: EX3DV4 - SN3917; ConvF(6.21, 6.21, 6.21) @ 3700 MHz;

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1369;

Phantom: ELI v4.0 (20deg probe tilt); Type: QDOVA001BB;Serial: TP:1045

Measurement SW: DASY52, Version 52.10 (3);SEMCAD X Version 14.6.13 (7474)

Pin (3700MHz)/100mW START - Find Maximum/Area Scan (41x41x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

Pin (3700MHz)/100mW/Zoom Scan, dist=1.4mm (8x8x8)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 65.01 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 17.5 W/kg

SAR(1 g) = 6.51 W/kg; SAR(10 g) = 2.35 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 7.9 mm

Ratio of SAR at M2 to SAR at M1 = 75.4%

Maximum value of SAR (measured) = 12.2 W/kg

Pin (3700MHz)/100mW/Z Scan, Uniform (1x1x33): Measurement grid: dx=20mm, dy=20mm, dz=1.4mm

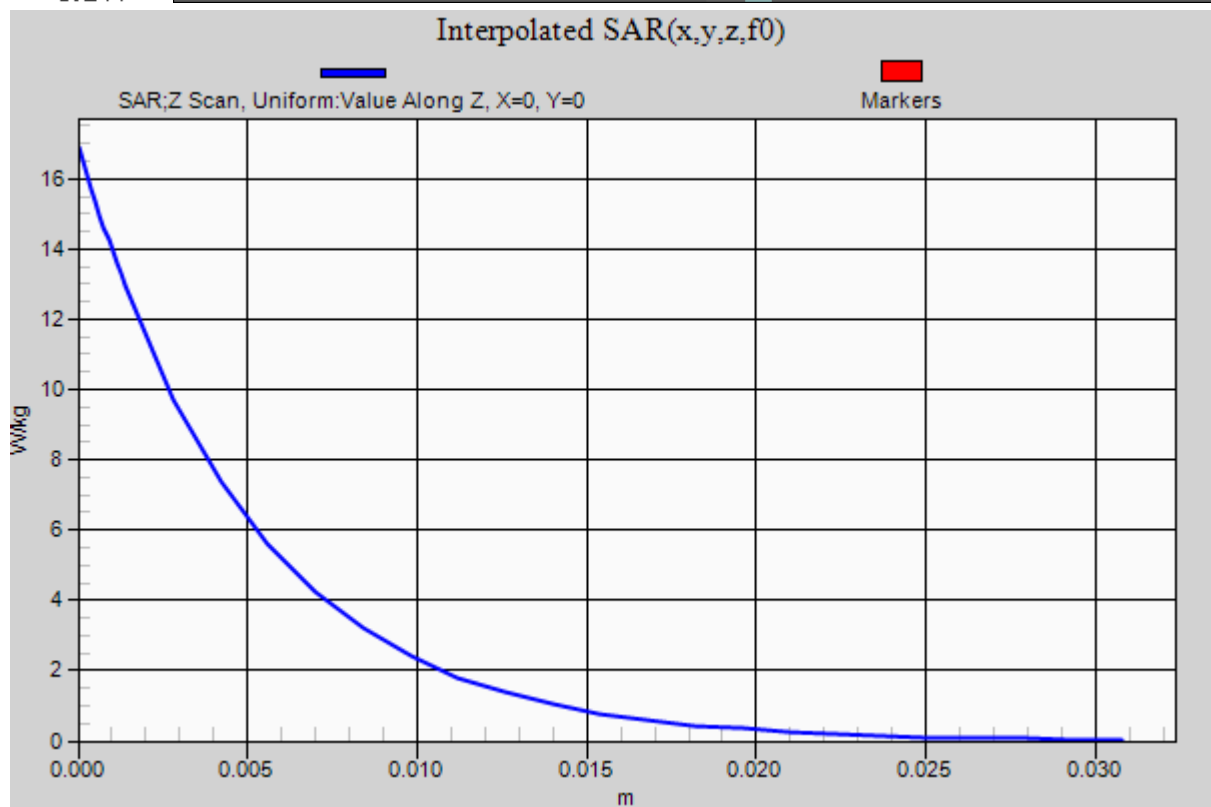
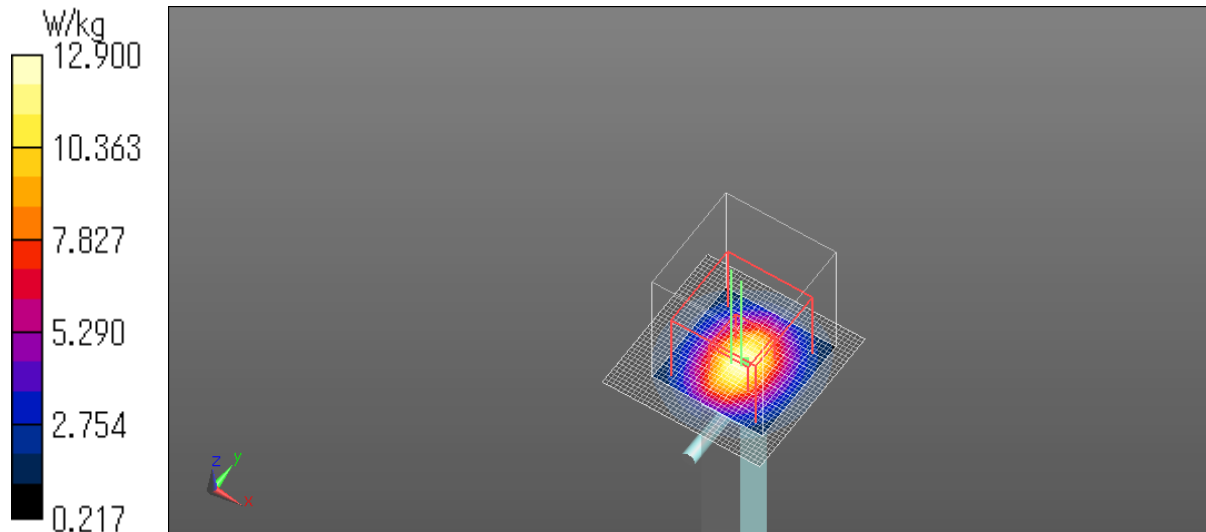
Penetration depth = 4.985 (5.212, 5.053) [mm]

Maximum value of SAR (interpolated) = 16.9 W/kg

Ambient Temp. : 20.0 degree.C. Liquid Temp.; 20.0 degree.C.

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

Date: 2021/09/08



D.41 20210921_SAR3_2600 MHz System Check

Communication System: UID 0, #CW (0); Communication System Band: D2600 (2600.0 MHz); ; Duty Cycle: 1:1

Medium parameters used: $f = 2600$ MHz; $\sigma = 2.154$ S/m; $\epsilon_r = 50.008$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration

Probe: EX3DV4 - SN3917; ConvF(7.26, 7.26, 7.26) @ 2600 MHz;

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1369;

Phantom: ELI v4.0 (20deg probe tilt); Type: QDOVA001BB;Serial: TP:1045

Measurement SW: DASY52, Version 52.10 (3);SEMCAD X Version 14.6.13 (7474)

Pin (2600 MHz)/250mW/Area Scan (81x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 25.1 W/kg

Pin (2600 MHz)/250mW/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 110.8 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 31.4 W/kg

SAR(1 g) = 14.3 W/kg; SAR(10 g) = 6.34 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 8 mm

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

Maximum value of SAR (measured) = 24.8 W/kg

Pin (2600 MHz)/250mW/Z Scan (1x1x18): Measurement grid: dx=20mm, dy=20mm, dz=5mm

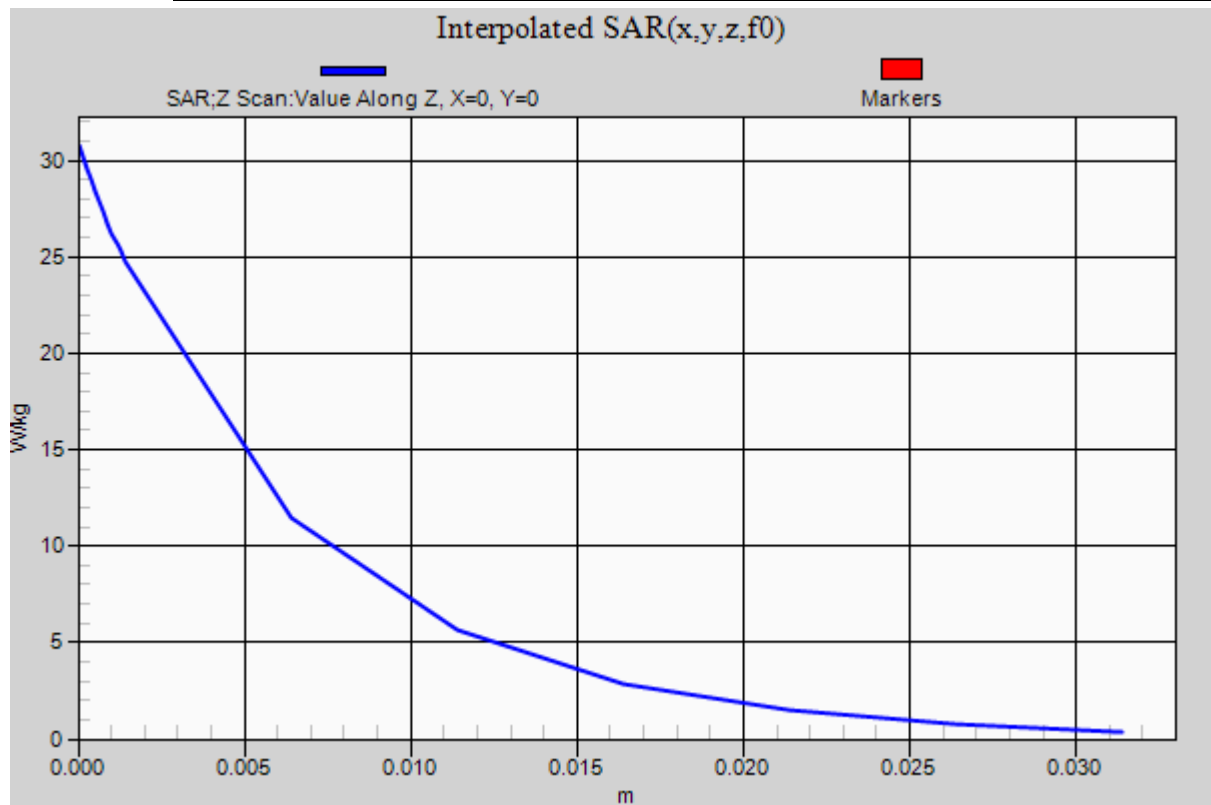
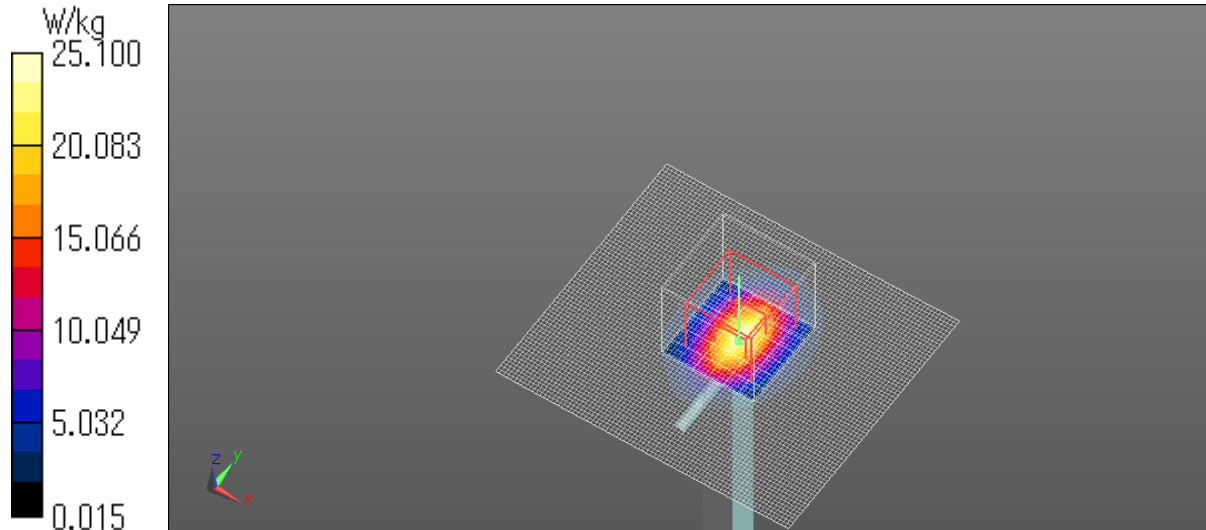
Penetration depth = 7.112 (6.513, 7.269) [mm]

Maximum value of SAR (interpolated) = 30.8 W/kg

Ambient Temp. : 20.0 degree.C. Liquid Temp.; 20.0 degree.C.

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

Date: 2021/09/21



D.42 20210615_SAR1_2450 MHz System Check

Communication System: UID 0, #CW (0); Communication System Band: D2450 (2450.0 MHz); ; Duty Cycle: 1:1

Medium parameters used: $f = 2450$ MHz; $\sigma = 2.037$ S/m; $\epsilon_r = 51.172$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration

Probe: EX3DV4 - SN3922; ConvF(7.7, 7.7, 7.7) @ 2450 MHz;

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1369;

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

Measurement SW: DASY52, Version 52.10 (3);SEMCAD X Version 14.6.13 (7474)

Pin=250mW/2450MHz/Area Scan (71x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 22.3 W/kg

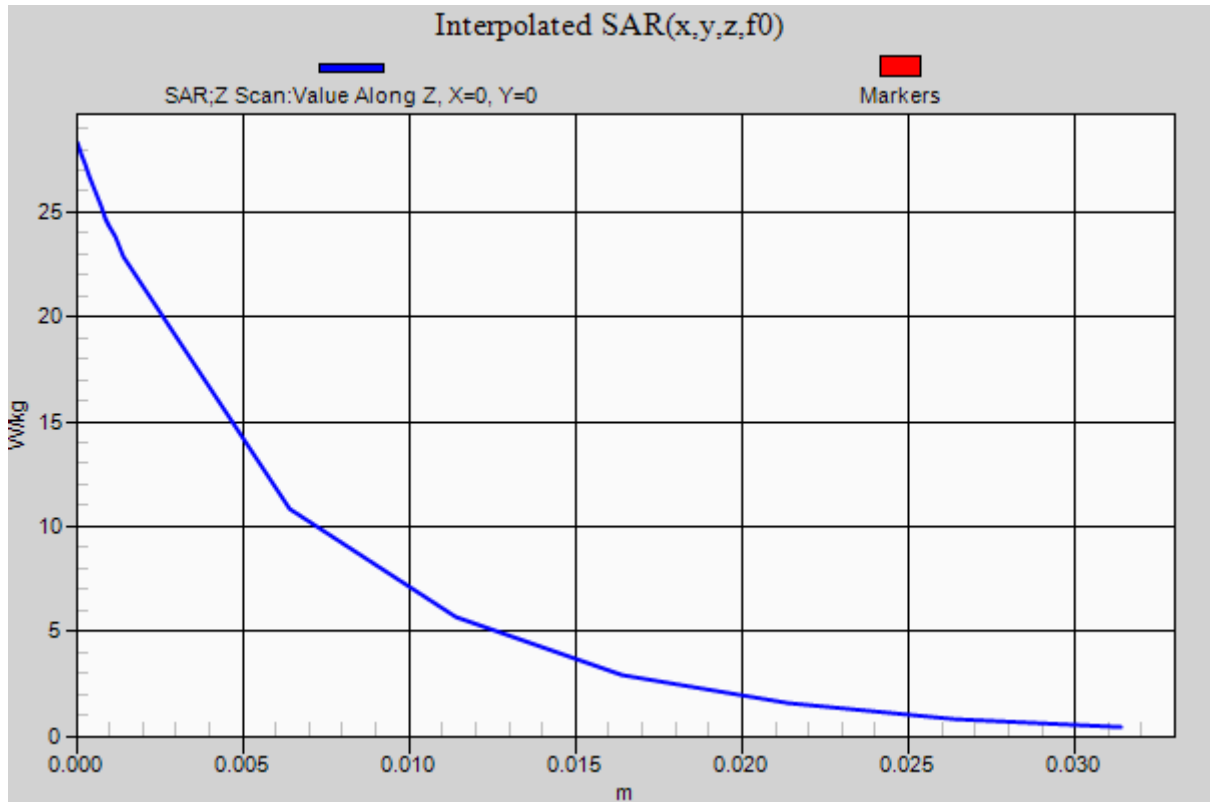
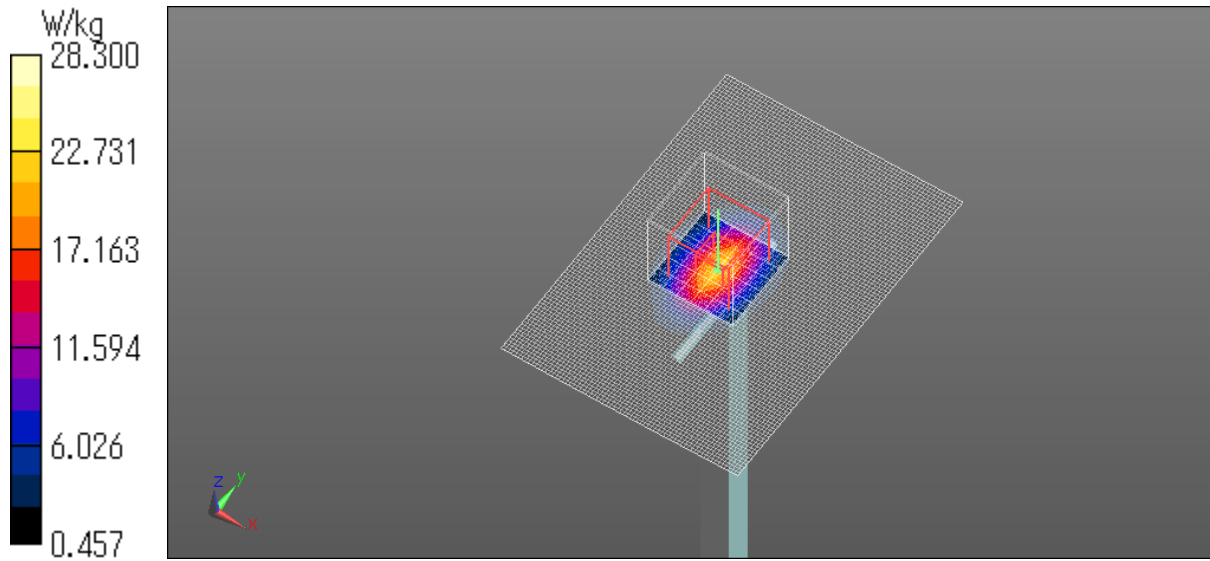
Pin=250mW/2450MHz/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 108.8 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 28.5 W/kg
SAR(1 g) = 13.3 W/kg; SAR(10 g) = 6.08 W/kg
Smallest distance from peaks to all points 3 dB below = 9 mm
Ratio of SAR at M2 to SAR at M1 = 47.6%
Maximum value of SAR (measured) = 22.7 W/kg

Pin=250mW/2450MHz/Z Scan (1x1x18): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Penetration depth = 7.613 (6.707, 7.715) [mm]
Maximum value of SAR (interpolated) = 28.3 W/kg

Ambient Temp. : 23.0 degree.C. Liquid Temp.; 22.0 degree.C.

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

Date: 2021/06/15



D.43 20210616_SAR1_5250 MHz System Check

Communication System: UID 0, #CW (0); Communication System Band: D5GHz (5000.0 - 6000.0 MHz); ;
Duty Cycle: 1:1

Medium parameters used: $f = 5250$ MHz; $\sigma = 5.485$ S/m; $\epsilon_r = 46.87$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration

Probe: EX3DV4 - SN3922; ConvF(4.8, 4.8, 4.8) @ 5250 MHz;

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1369;

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

Measurement SW: DASY52, Version 52.10 (3);SEMCAD X Version 14.6.13 (7474)

Pin=100mW/5250MHz/Area Scan (91x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 17.7 W/kg

Pin=100mW/5250MHz/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 67.59 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 29.6 W/kg

SAR(1 g) = 7.56 W/kg; SAR(10 g) = 2.13 W/kg

Smallest distance from peaks to all points 3 dB below = 6.9 mm

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

Maximum value of SAR (measured) = 17.2 W/kg

Pin=100mW/5250MHz/Z Scan (1x1x18): Measurement grid: dx=20mm, dy=20mm, dz=5mm

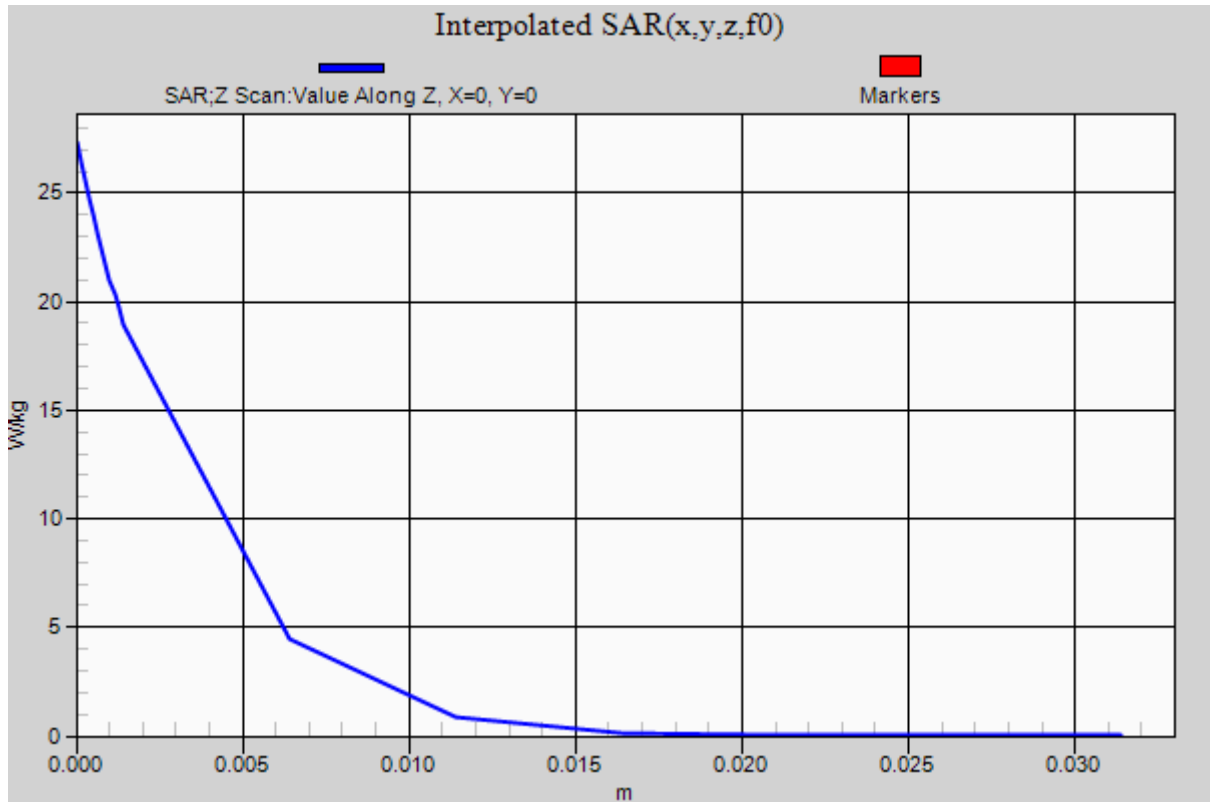
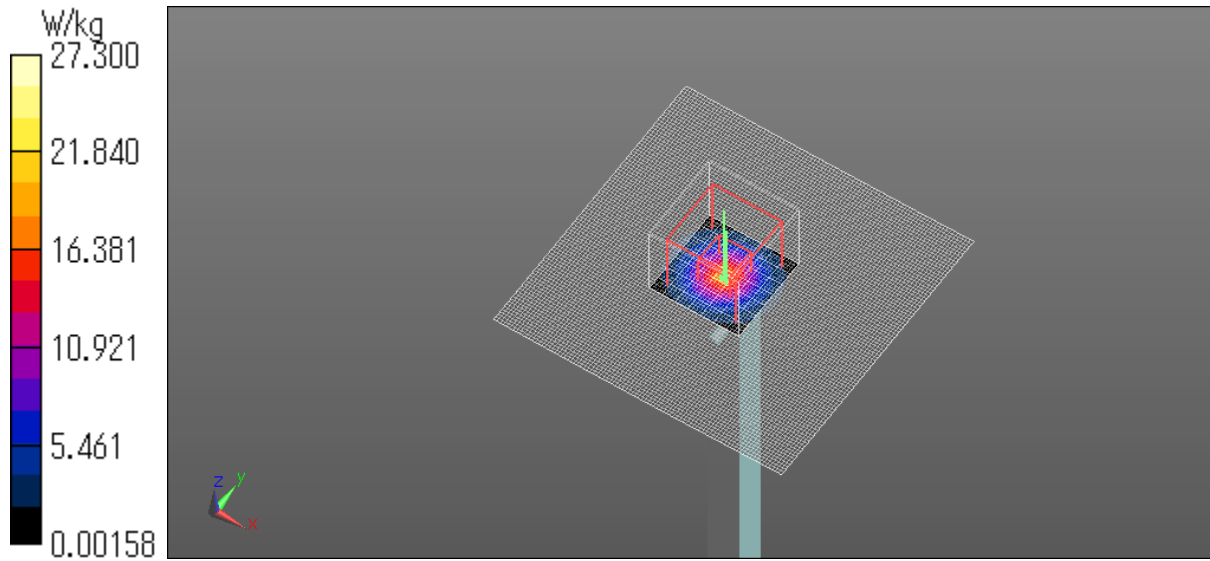
Penetration depth = 3.131 (3.467, 3.122) [mm]

Maximum value of SAR (interpolated) = 27.3 W/kg

Ambient Temp. : 22.0 degree.C. Liquid Temp.; 21.0 degree.C.

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

Date: 2021/06/16



D.44 20210617_SAR1_5600 MHz System Check

Communication System: UID 0, #CW (0); Communication System Band: D5GHz (5000.0 - 6000.0 MHz); ;
Duty Cycle: 1:1

Medium parameters used: $f = 5600$ MHz; $\sigma = 5.917$ S/m; $\epsilon_r = 46.258$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration

Probe: EX3DV4 - SN3922; ConvF(4.07, 4.07, 4.07) @ 5600 MHz;

Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface:
1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1369;

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

Measurement SW: DASY52, Version 52.10 (3);SEMCAD X Version 14.6.13 (7474)

Pin=100mW/5600MHz/Area Scan (91x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 21.1 W/kg

Pin=100mW/5600MHz/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 70.04 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 36.7 W/kg

SAR(1 g) = 8.47 W/kg; SAR(10 g) = 2.35 W/kg

Smallest distance from peaks to all points 3 dB below = 7.2 mm

Ratio of SAR at M2 to SAR at M1 = 62.9%

Maximum value of SAR (measured) = 20.9 W/kg

Pin=100mW/5600MHz/Z Scan (1x1x18): Measurement grid: dx=20mm, dy=20mm, dz=5mm

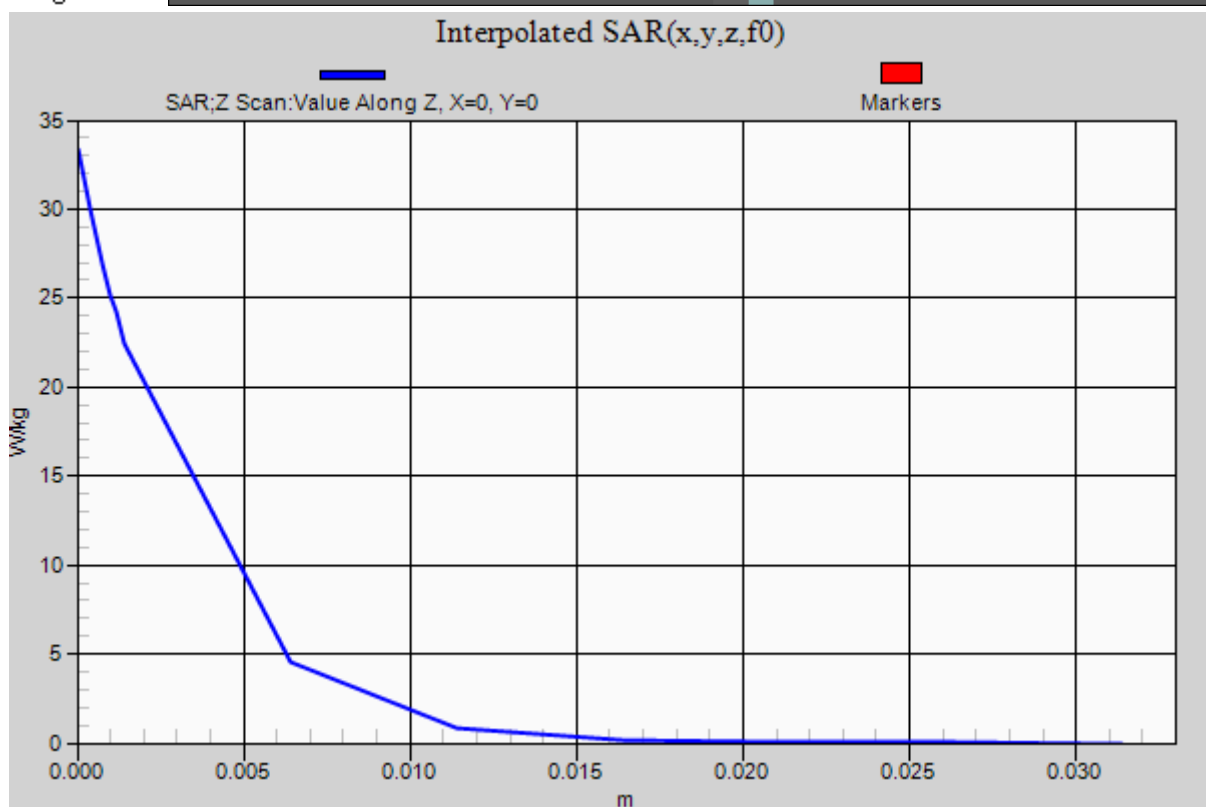
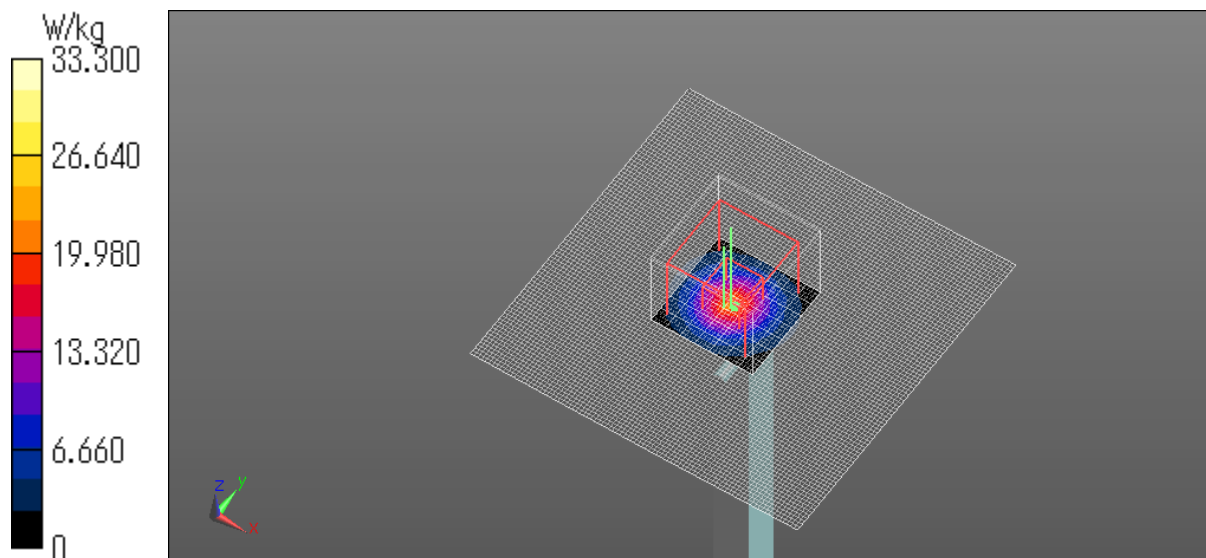
Penetration depth = 2.867 (3.122, 2.825) [mm]

Maximum value of SAR (interpolated) = 33.3 W/kg

Ambient Temp. : 22.0 degree.C. Liquid Temp.; 21.0 degree.C.

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

Date: 2021/06/17



D.45 20210617_SAR1_5800 MHz System Check

Communication System: UID 0, #CW (0); Communication System Band: D5GHz (5000.0 - 6000.0 MHz); ;
Duty Cycle: 1:1

Medium parameters used: $f = 5800$ MHz; $\sigma = 6.241$ S/m; $\epsilon_r = 45.95$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration

Probe: EX3DV4 - SN3922; ConvF(4.14, 4.14, 4.14) @ 5800 MHz;

Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface:
1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1369;

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

Measurement SW: DASY52, Version 52.10 (3);SEMCAD X Version 14.6.13 (7474)

Pin=100mW/5800MHz/Area Scan (91x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 18.7 W/kg

Pin=100mW/5800MHz/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 65.08 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 35.4 W/kg

SAR(1 g) = 7.65 W/kg; SAR(10 g) = 2.14 W/kg

Smallest distance from peaks to all points 3 dB below = 7.2 mm

Ratio of SAR at M2 to SAR at M1 = 60.8%

Maximum value of SAR (measured) = 19.2 W/kg

Pin=100mW/5800MHz/Z Scan (1x1x18): Measurement grid: dx=20mm, dy=20mm, dz=5mm

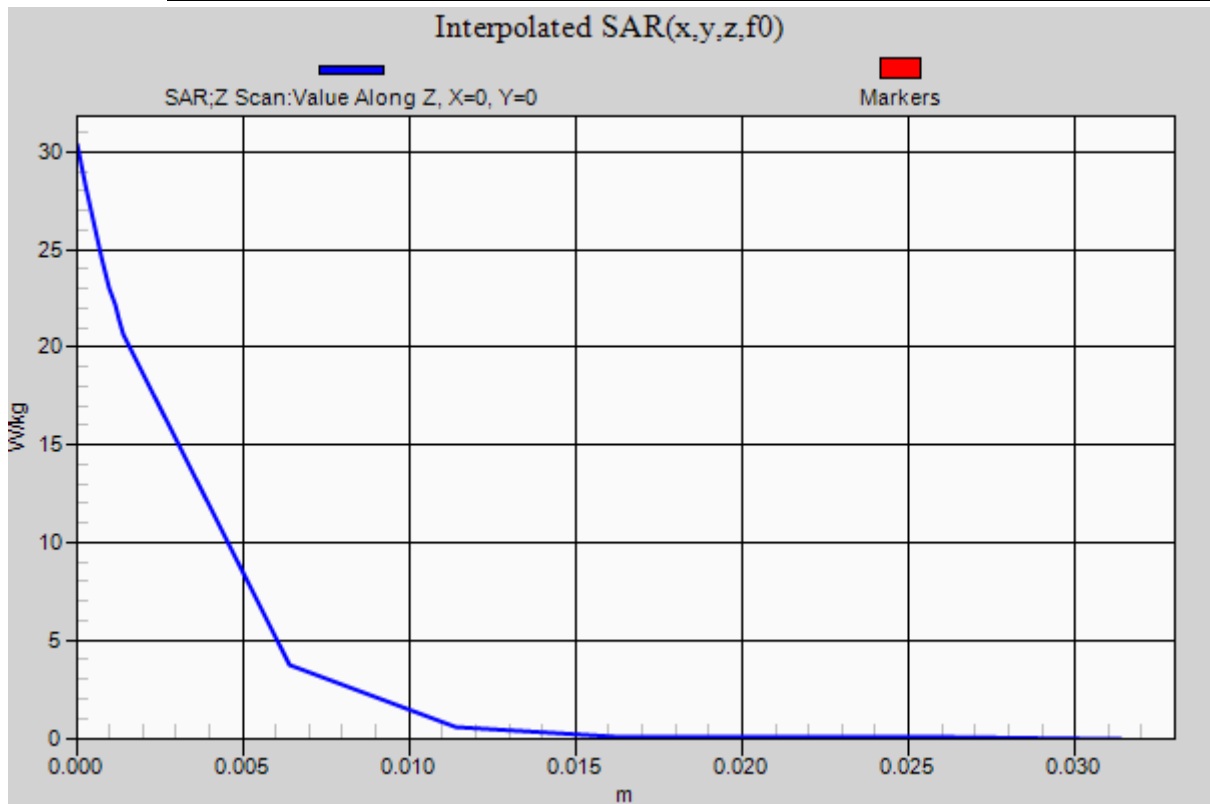
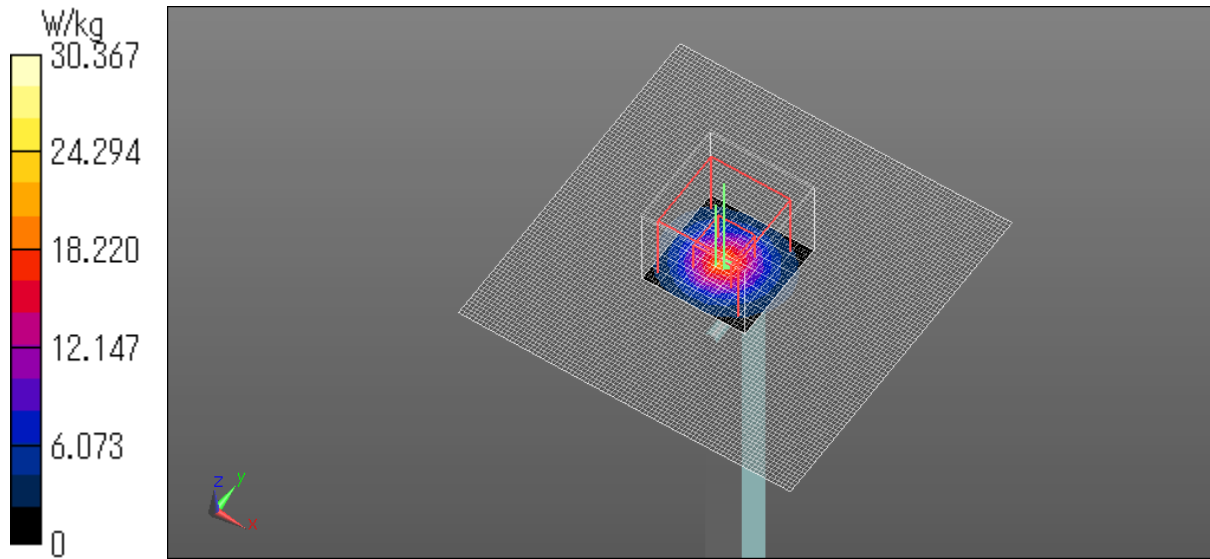
Penetration depth = 2.732 (2.950, 2.737) [mm]

Maximum value of SAR (interpolated) = 30.4 W/kg

Ambient Temp. : 22.0 degree.C. Liquid Temp.; 21.0 degree.C.

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

Date: 2021/06/18



D.46 20211105_SAR1_3500 MHz System Check

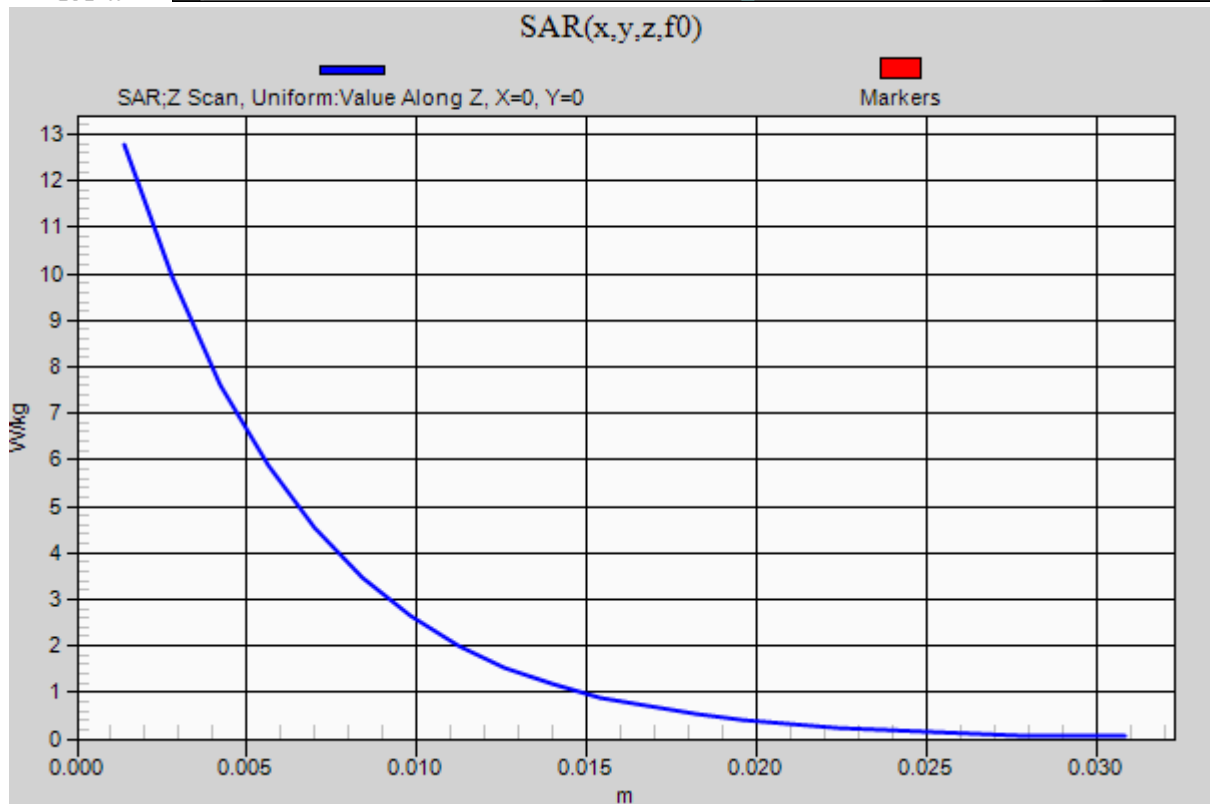
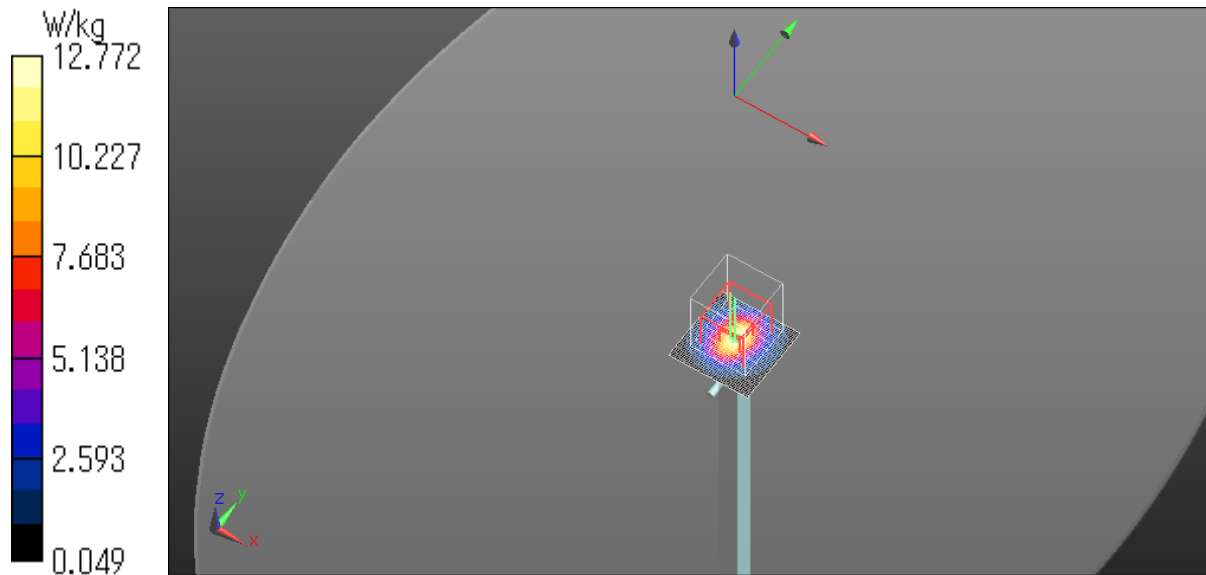
Communication System: UID 0, #CW (0); Communication System Band: D3500 (3500.0 MHz); ; Duty Cycle: 1:1
Medium parameters used: $f = 3500$ MHz; $\sigma = 3.152$ S/m; $\epsilon_r = 49.678$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
DASY5 Configuration
Probe: EX3DV4 - SN3917; ConvF(6.4, 6.4, 6.4) @ 3500 MHz;
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1369;
Phantom: ELI v5.0 (20deg probe tilt); Type: QDOVA001BB;Serial: TP:1203
Measurement SW: DASY52, Version 52.10 (3);SEMCAD X Version 14.6.13 (7474)

Pin (3500MHz)/100mW START - Find Maximum/Area Scan (41x41x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 13.0 W/kg

Pin (3500MHz)/100mW/Zoom Scan, dist=1.4mm (8x8x8)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 66.68 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 16.6 W/kg
SAR(1 g) = 6.73 W/kg; SAR(10 g) = 2.52 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 7.9 mm
Ratio of SAR at M2 to SAR at M1 = 77.6%
Maximum value of SAR (measured) = 12.1 W/kg

Pin (3500MHz)/100mW/Z Scan, Uniform (1x1x22): Measurement grid: dx=20mm, dy=20mm, dz=1.4mm
Maximum value of SAR (measured) = 12.8 W/kg

Ambient Temp. : 19.0 degree.C. Liquid Temp.; 19 degree.C.
Liquid temp. is kept within the 2 degree.C. during the test.
Date: 2021/11/05



D.47 20211108_SAR1_3500 MHz System Check

Communication System: UID 0, #CW (0); Communication System Band: D3500 (3500.0 MHz); ; Duty Cycle: 1:1
Medium parameters used: $f = 3500$ MHz; $\sigma = 3.183$ S/m; $\epsilon_r = 49.718$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration

Probe: EX3DV4 - SN3917; ConvF(6.4, 6.4, 6.4) @ 3500 MHz;

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1369;

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

Measurement SW: DASY52, Version 52.10 (3);SEMCAD X Version 14.6.13 (7474)

Pin (3500MHz)/100mW START - Find Maximum/Area Scan (41x41x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 12.0 W/kg

Pin (3500MHz)/100mW/Zoom Scan, dist=1.4mm (8x8x8)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 66.10 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 15.4 W/kg

SAR(1 g) = 6.24 W/kg; SAR(10 g) = 2.35 W/kg

Smallest distance from peaks to all points 3 dB below = 8 mm

Ratio of SAR at M2 to SAR at M1 = 77.7%

Maximum value of SAR (measured) = 11.4 W/kg

Pin (3500MHz)/100mW/Z Scan, Uniform (1x1x22): Measurement grid: dx=20mm, dy=20mm, dz=1.4mm

Maximum value of SAR (measured) = 11.8 W/kg

Ambient Temp. : 19.0 degree.C. Liquid Temp.; 19 degree.C.

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

Date: 2021/11/08

