

Appendix D Highest SAR Test Plots

Plot No. 1

WCDMA B2 Red Edge1 Convertible 1880MHz

Communication System: UID 0, #WCDMA (0); Communication System Band: Band II; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.502$ S/m; $\epsilon_r = 53.261$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3917; ConvF(7.85, 7.85, 7.85) @ 1880 MHz; Calibrated: 2019/05/15

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1369; Calibrated: 2019/05/08

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

Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

WCDMA B2 Red Power/Edge1 Convertible Mch 0mm/Area Scan (51x101x1): Interpolated grid:

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

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

WCDMA B2 Red Power/ Edge1 Convertible Mch 0mm/Zoom Scan (7x7x7) (7x7x7)/Cube 0:

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

Reference Value = 37.46 V/m; Power Drift = -0.03 dB

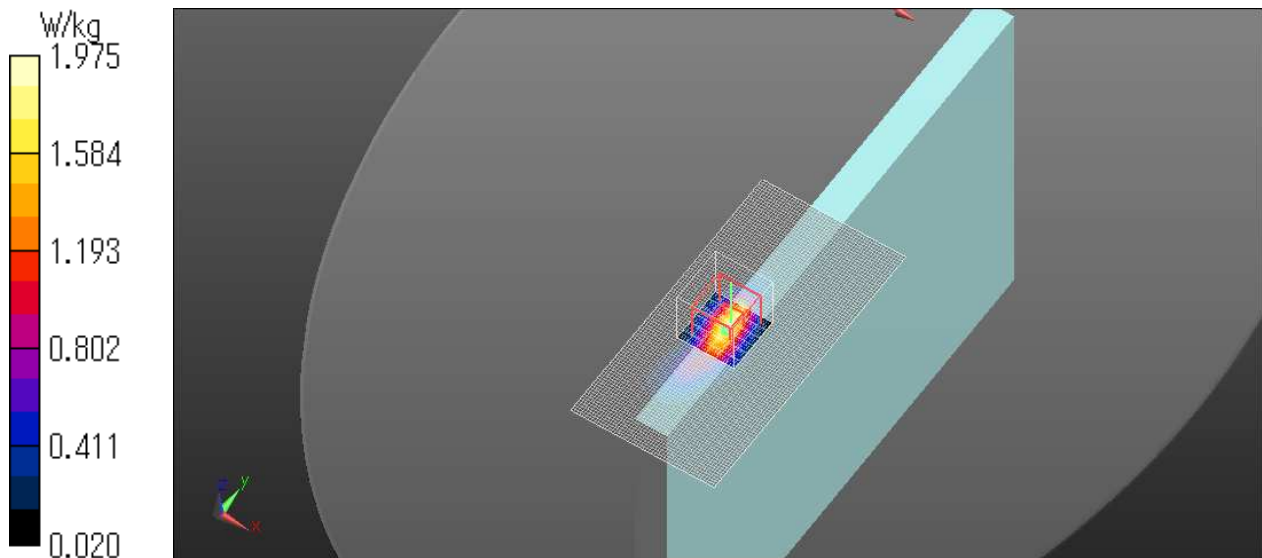
Peak SAR (extrapolated) = 2.47 W/kg

SAR(1 g) = 1.16 W/kg; SAR(10 g) = 0.536 W/kg

Maximum value of SAR (measured) = 1.98 W/kg

Date: 2019/11/25

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



Plot No. 2

WCDMA B2 Full Rear 1880MHz

Communication System: UID 0, #WCDMA (0); Communication System Band: Band II; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.502$ S/m; $\epsilon_r = 53.261$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3917; ConvF(7.85, 7.85, 7.85) @ 1880 MHz; Calibrated: 2019/05/15

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1369; Calibrated: 2019/05/08

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

Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

WCDMA B2 Full Power/Rear Mch 20mm/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.713 W/kg

WCDMA B2 Full Power/Rear Mch 20mm/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid:

dx=5mm, dy=5mm, dz=5mm

Reference Value = 22.10 V/m; Power Drift = 0.04 dB

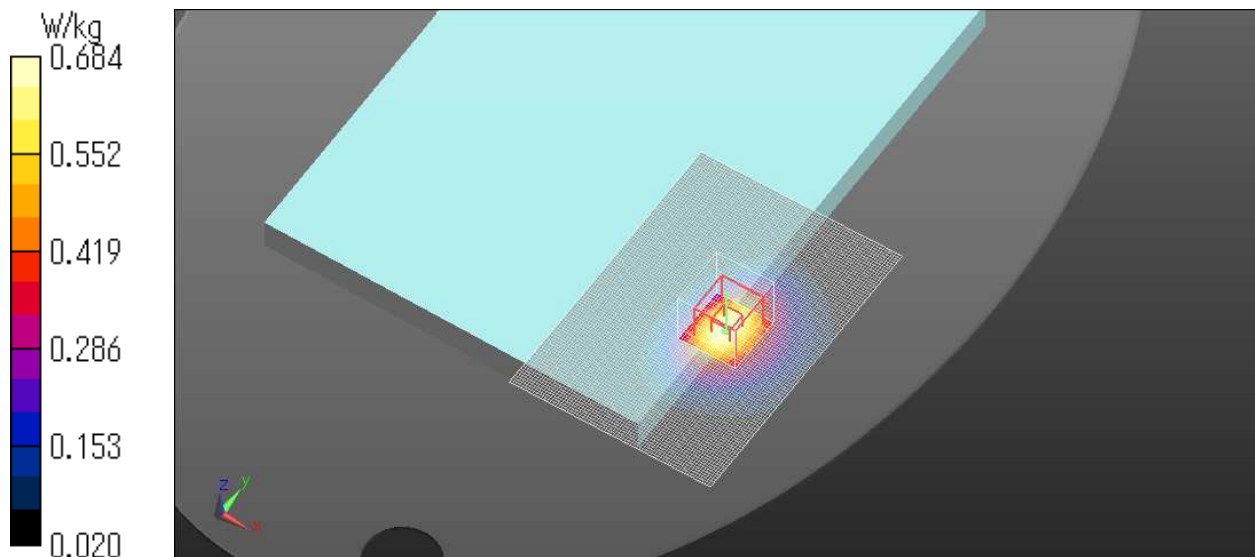
Peak SAR (extrapolated) = 0.791 W/kg

SAR(1 g) = 0.489 W/kg; SAR(10 g) = 0.294 W/kg

Maximum value of SAR (measured) = 0.684 W/kg

Date: 2019/11/25

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



Plot No. 3

WCDMA B4 Red Edge1 1712.4MHz

Communication System: UID 0, #WCDMA (0); Communication System Band: Band IV; Frequency: 1712.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1712.4$ MHz; $\sigma = 1.506$ S/m; $\epsilon_r = 51.205$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3917; ConvF(8.16, 8.16, 8.16) @ 1712.4 MHz; Calibrated: 2019/05/15

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

Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1369; Calibrated: 2019/05/08

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

Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

WCDMA B4/Edge1 Lch/Area Scan (51x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.53 W/kg

WCDMA B4/Edge1 Lch/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 34.33 V/m; Power Drift = -0.12 dB

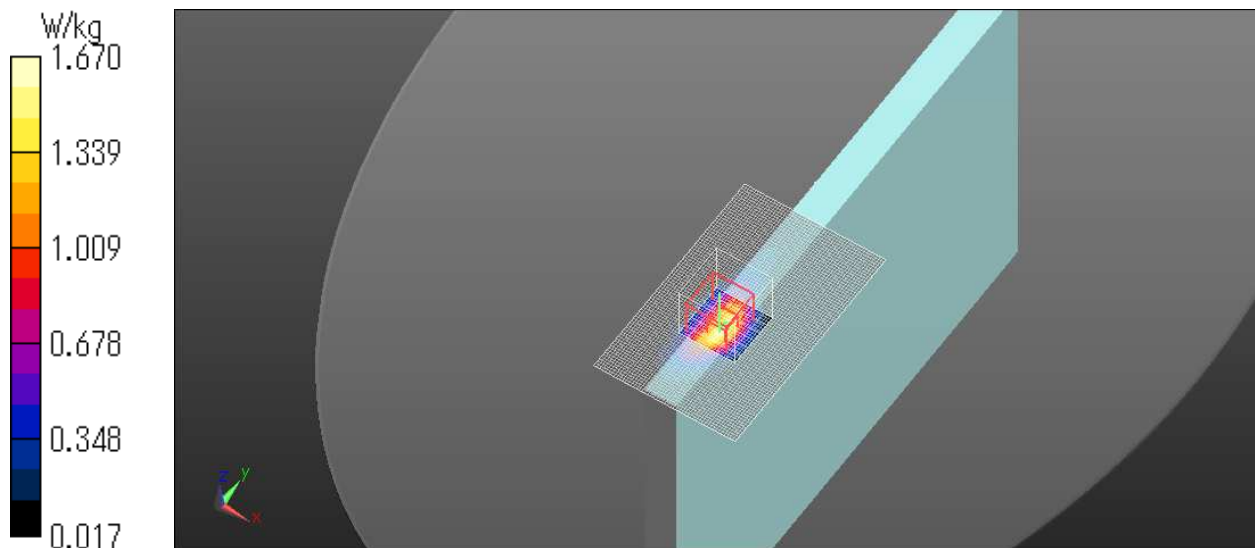
Peak SAR (extrapolated) = 2.15 W/kg

SAR(1 g) = 0.941 W/kg; SAR(10 g) = 0.458 W/kg

Maximum value of SAR (measured) = 1.67 W/kg

Date: 2019/11/08

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



Plot No. 4

WCDMA B4 Edge4 Full 1732.6MHz

Communication System: UID 0, #WCDMA (0); Communication System Band: Band IV; Frequency: 1732.6 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1732.6$ MHz; $\sigma = 1.521$ S/m; $\epsilon_r = 51.208$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3917; ConvF(8.16, 8.16, 8.16) @ 1732.6 MHz; Calibrated: 2019/05/15

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1369; Calibrated: 2019/05/08

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

Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

WCDMA B4 Full Power/Edge4 Mch 0mm/Area Scan (51x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.810 W/kg

WCDMA B4 Full Power/Edge4 Mch 0mm/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 23.20 V/m; Power Drift = 0.00 dB

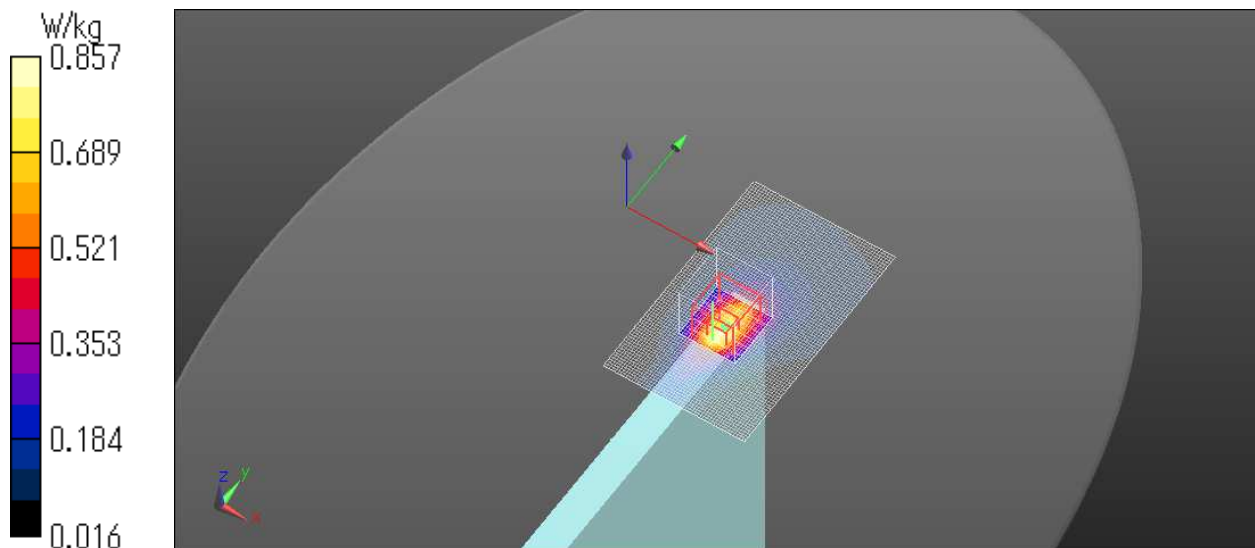
Peak SAR (extrapolated) = 1.10 W/kg

SAR(1 g) = 0.529 W/kg; SAR(10 g) = 0.284 W/kg

Maximum value of SAR (measured) = 0.857 W/kg

Date: 2019/11/08

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



Plot No. 5

WCDMA B5 Red Edge1 836.6MHz

Communication System: UID 0, _WCDMA (0); Communication System Band: Band V; Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 1.007$ S/m; $\epsilon_r = 54.106$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN7372; ConvF(9.88, 9.88, 9.88) @ 836.6 MHz; Calibrated: 2019/04/15

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

Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1372; Calibrated: 2019/06/14

Phantom: ELI v5.0 TP1207; Type: QDOVA001BB; Serial: TP:1207

Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

WCDMA B5 Red Power/Edge1 Mch 0mm/Area Scan (51x81x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 1.33 W/kg

WCDMA B5 Red Power/Edge1 Mch 0mm/Zoom Scan (7x7x7) (7x8x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 37.68 V/m; Power Drift = 0.07 dB

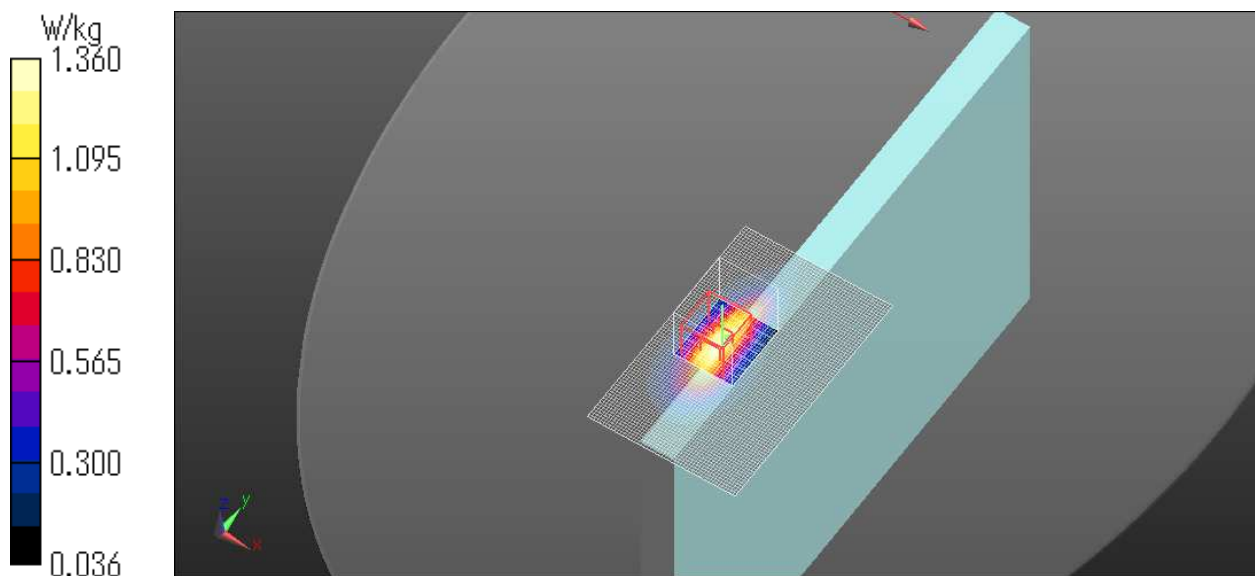
Peak SAR (extrapolated) = 1.77 W/kg

SAR(1 g) = 0.871 W/kg; SAR(10 g) = 0.466 W/kg

Maximum value of SAR (measured) = 1.36 W/kg

Date: 2019/11/18

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



Plot No. 6

WCDMA B5 Full Edge4 826.4MHz

Communication System: UID 0, _WCDMA (0); Communication System Band: Band V; Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 826.4$ MHz; $\sigma = 1.002$ S/m; $\epsilon_r = 54.131$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN7372; ConvF(9.88, 9.88, 9.88) @ 826.4 MHz; Calibrated: 2019/04/15

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1372; Calibrated: 2019/06/14

Phantom: ELI v5.0 TP1207; Type: QDOVA001BB; Serial: TP:1207

Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

WCDMA B5 Full Power/Edge4 Lch 0mm/Area Scan (51x81x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.446 W/kg

WCDMA B5 Full Power/Edge4 Lch 0mm/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 21.07 V/m; Power Drift = 0.00 dB

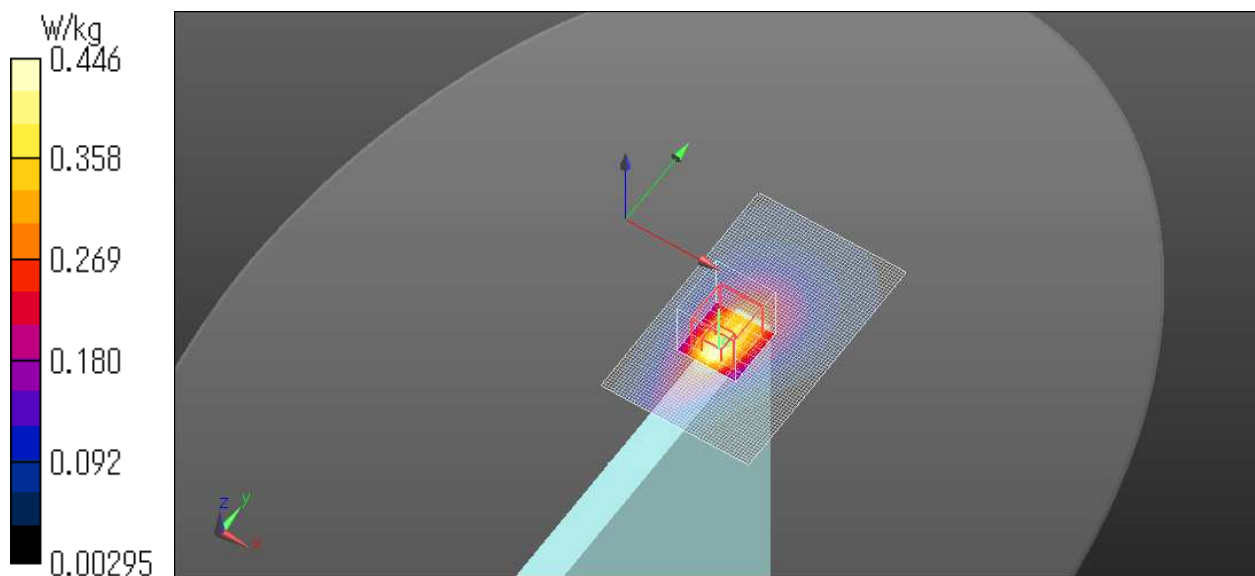
Peak SAR (extrapolated) = 0.596 W/kg

SAR(1 g) = 0.296 W/kg; SAR(10 g) = 0.178 W/kg

Maximum value of SAR (measured) = 0.462 W/kg

Date: 2019/11/18

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



Plot No. 7

LTE B2 Red Convertible Edge1 1900MHz 100RB/0Start

Communication System: UID 0, #Generic LTE (0); Communication System Band: Band 2, E-UTRA/FDD (1850.0 - 1910.0 MHz); ; Duty Cycle: 1:1

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.516$ S/m; $\epsilon_r = 52.986$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration

Probe: EX3DV4 - SN3917; ConvF(7.85, 7.85, 7.85) @ 1900 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 (2);SEMCAD X Version 14.6.12 (7450)

LTE B2 Red Power/Convertible Edge1 Hch 100/0 0mm/Area Scan (51x101x1): Interpolated grid:

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

Maximum value of SAR (interpolated) = 1.80 W/kg

LTE B2 Red Power/Convertible Edge1 Hch 100/0 0mm/Zoom Scan (7x7x7) (7x7x7)/Cube 0:

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

Reference Value = 35.48 V/m; Power Drift = -0.10 dB

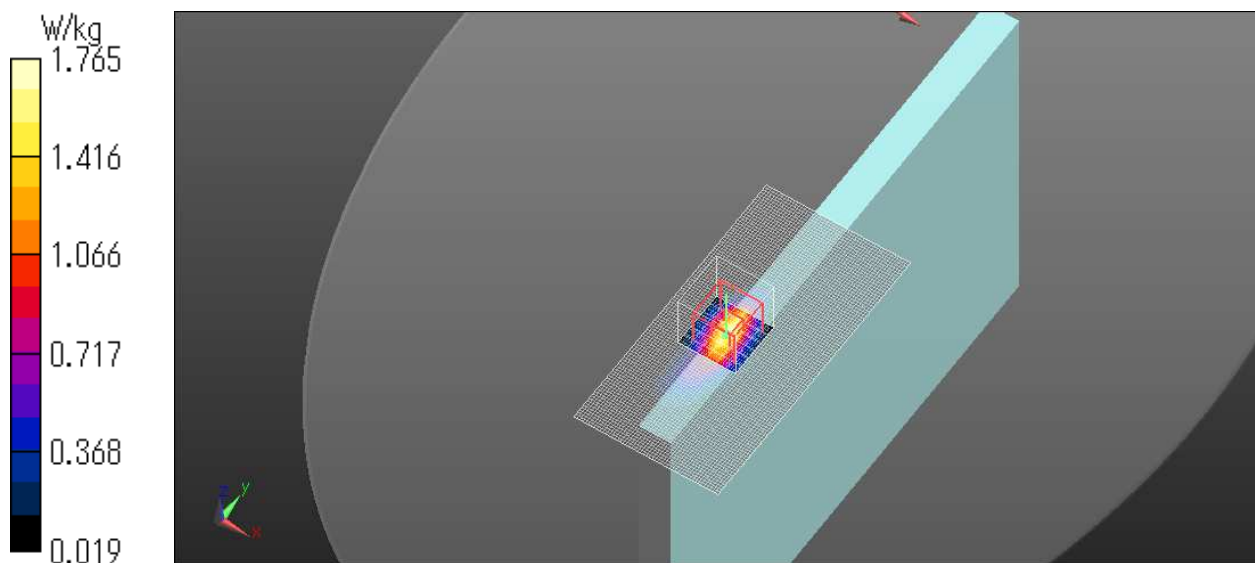
Peak SAR (extrapolated) = 2.19 W/kg

SAR(1 g) = 1.06 W/kg; SAR(10 g) = 0.490 W/kg

Maximum value of SAR (measured) = 1.76 W/kg

Date: 2019/11/21

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



Plot No. 8

LTE B2 Full Rear 1900MHz 1RB/0Start

Communication System: UID 0, #Generic LTE (0); Communication System Band: Band 2, E-UTRA/FDD (1850.0 - 1910.0 MHz); Frequency: 1900 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.516$ S/m; $\epsilon_r = 52.986$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3917; ConvF(7.85, 7.85, 7.85) @ 1900 MHz; Calibrated: 2019/05/15

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1369; Calibrated: 2019/05/08

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

Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

LTE B2 Full Power/Rear Hch 1/0 20mm/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.738 W/kg

LTE B2 Full Power/Rear Hch 1/0 20mm/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 22.64 V/m; Power Drift = 0.03 dB

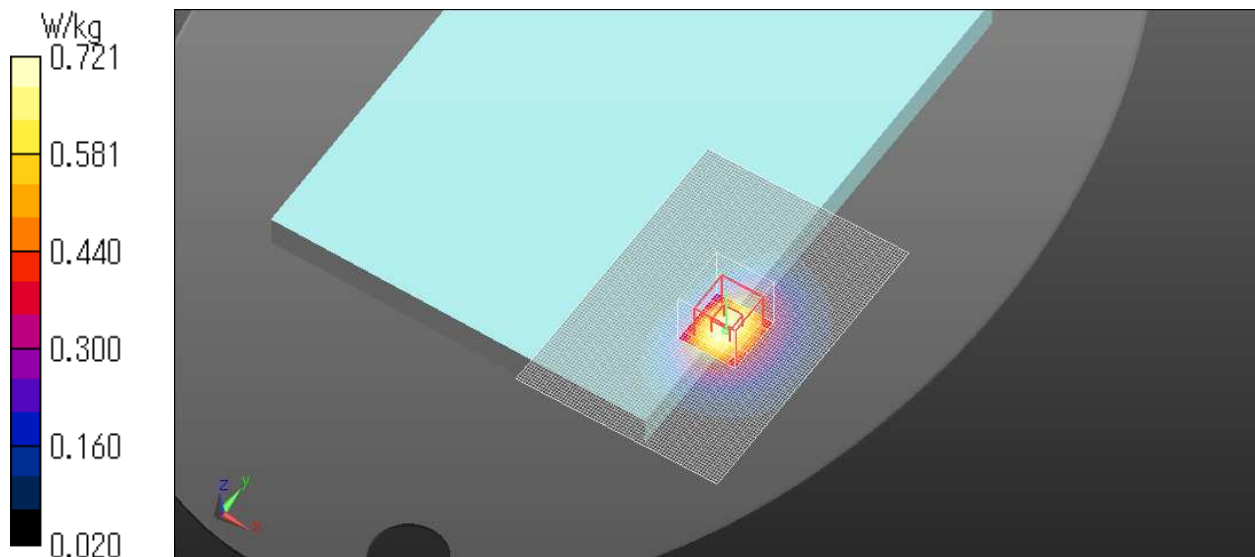
Peak SAR (extrapolated) = 0.835 W/kg

SAR(1 g) = 0.514 W/kg; SAR(10 g) = 0.308 W/kg

Maximum value of SAR (measured) = 0.721 W/kg

Date: 2019/11/22

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



Plot No. 9

LTE B4 Red Edge1 1720MHz 50RB/0Start

Communication System: UID 0, #Generic LTE (0); Communication System Band: Band 4, E-UTRA/FDD (1710.0 - 1755.0 MHz); Frequency: 1720 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1720$ MHz; $\sigma = 1.498$ S/m; $\epsilon_r = 51.914$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3917; ConvF(8.16, 8.16, 8.16) @ 1720 MHz; Calibrated: 2019/05/15

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1369; Calibrated: 2019/05/08

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

Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

LTE B4 Red Power/Edge1 Lch 50/0 0mm/Area Scan (51x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.30 W/kg

LTE B4 Red Power/Edge1 Lch 50/0 0mm/Zoom Scan (7x7x7) (7x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 31.30 V/m; Power Drift = -0.12 dB

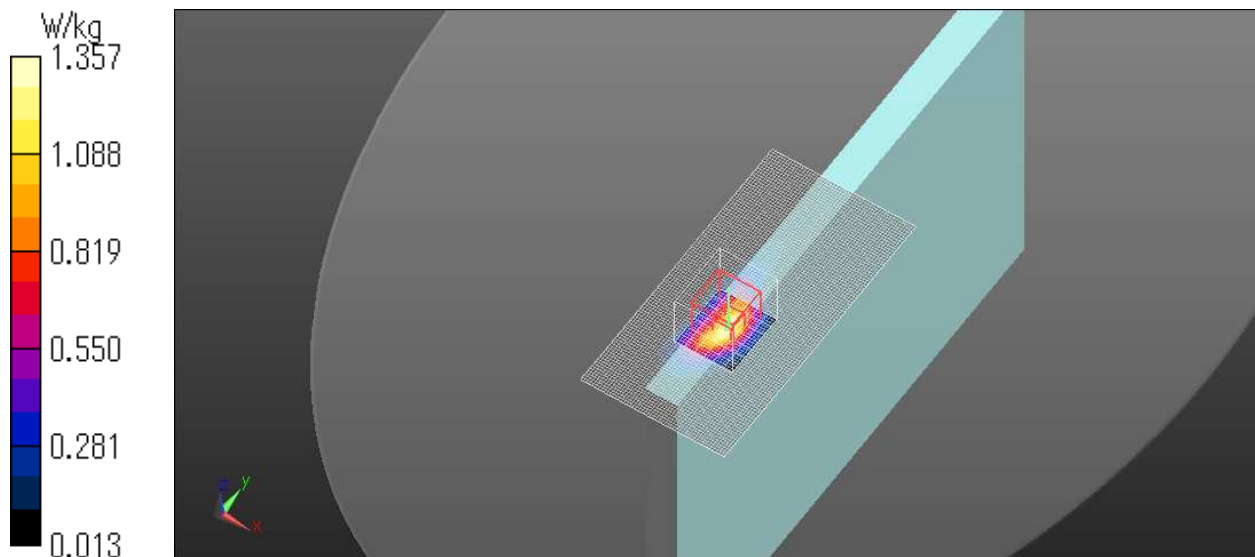
Peak SAR (extrapolated) = 1.72 W/kg

SAR(1 g) = 0.775 W/kg; SAR(10 g) = 0.382 W/kg

Maximum value of SAR (measured) = 1.36 W/kg

Date: 2019/11/19

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



Plot No. 10

LTE B4 Full Edge4 1745MHz 1RB/0Start

Communication System: UID 0, #Generic LTE (0); Communication System Band: Band 4, E-UTRA/FDD (1710.0 - 1755.0 MHz); Frequency: 1745 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1745$ MHz; $\sigma = 1.51$ S/m; $\epsilon_r = 51.926$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3917; ConvF(8.16, 8.16, 8.16) @ 1745 MHz; Calibrated: 2019/05/15

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1369; Calibrated: 2019/05/08

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

Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

LTE B4 Full Power/Edge4 Hch 1/0 0mm/Area Scan (51x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.615 W/kg

LTE B4 Full Power/Edge4 Hch 1/0 0mm/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid:

dx=5mm, dy=5mm, dz=5mm

Reference Value = 21.05 V/m; Power Drift = -0.03 dB

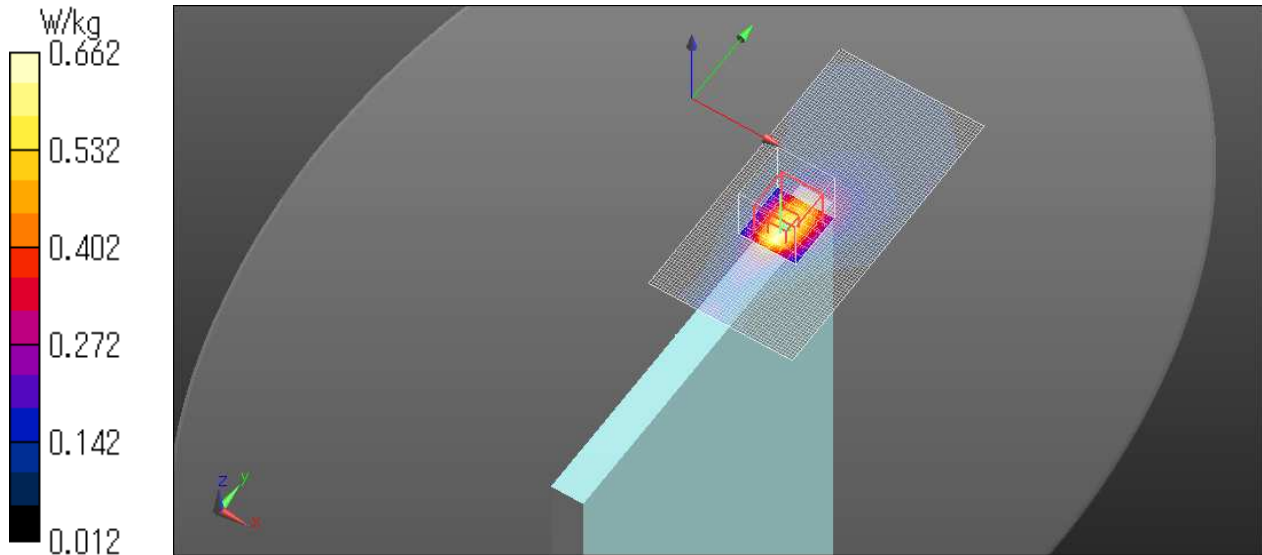
Peak SAR (extrapolated) = 0.855 W/kg

SAR(1 g) = 0.421 W/kg; SAR(10 g) = 0.230 W/kg

Maximum value of SAR (measured) = 0.662 W/kg

Date: 2019/11/20

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



Plot No. 11

LTE B5 Red Edge1 836.5MHz 25RB/0Start

Communication System: UID 0, _Generic LTE (0); Communication System Band: Band 5, E-UTRA/FDD (824.0 - 849.0 MHz); Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 1.007$ S/m; $\epsilon_r = 54.107$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN7372; ConvF(9.88, 9.88, 9.88) @ 836.5 MHz; Calibrated: 2019/04/15

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1372; Calibrated: 2019/06/14

Phantom: ELI v5.0 TP1207; Type: QDOVA001BB; Serial: TP:1207

Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

LTE B5 Red Power/Edge1 Mch 25/0 0mm Repeat/Area Scan (51x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (interpolated) = 1.55 W/kg

LTE B5 Red Power/Edge1 Mch 25/0 0mm Repeat/Zoom Scan (7x7x7) (7x8x7)/Cube 0: Measurement grid:

dx=5mm, dy=5mm, dz=5mm

Reference Value = 41.12 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.95 W/kg

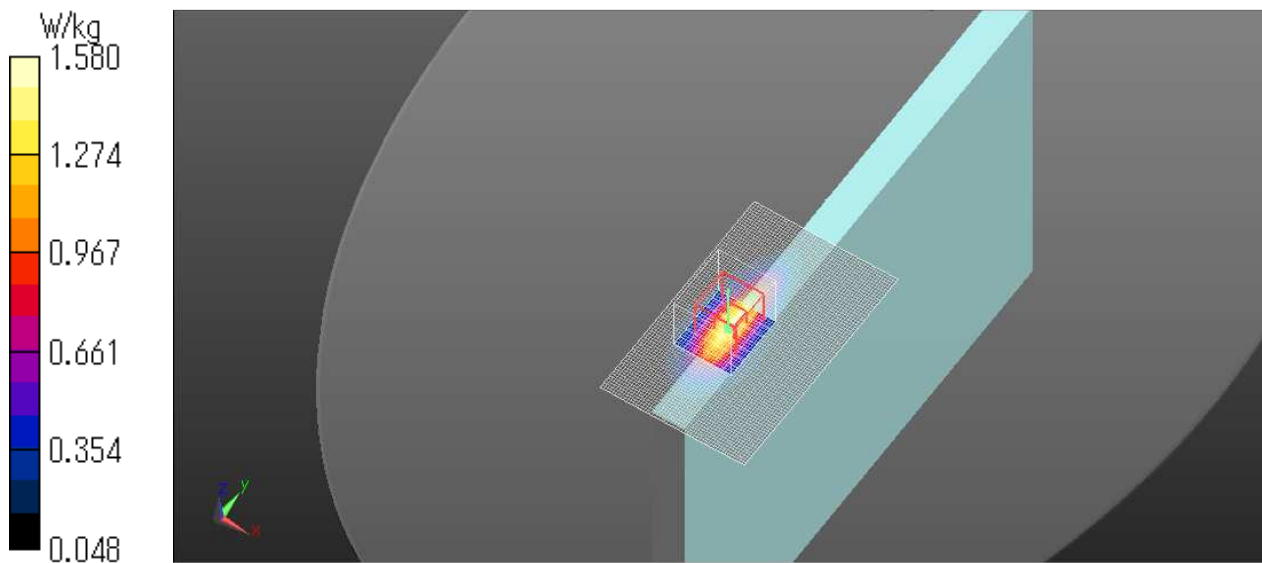
SAR(1 g) = 0.969 W/kg; SAR(10 g) = 0.524 W/kg

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 1.58 W/kg

Date: 2019/11/19

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



Plot No. 12

LTE B5 Full Rear 836.5MHz 1RB/24Start

Communication System: UID 0, _Generic LTE (0); Communication System Band: Band 5, E-UTRA/FDD (824.0 - 849.0 MHz); Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 1.007$ S/m; $\epsilon_r = 54.107$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN7372; ConvF(9.88, 9.88, 9.88) @ 836.5 MHz; Calibrated: 2019/04/15

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1372; Calibrated: 2019/06/14

Phantom: ELI v5.0 TP1207; Type: QDOVA001BB; Serial: TP:1207

Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

LTE B5 Full Power/Rear Mch 1/24 20mm/Area Scan (51x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.327 W/kg

LTE B5 Full Power/Rear Mch 1/24 20mm/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 18.85 V/m; Power Drift = -0.03 dB

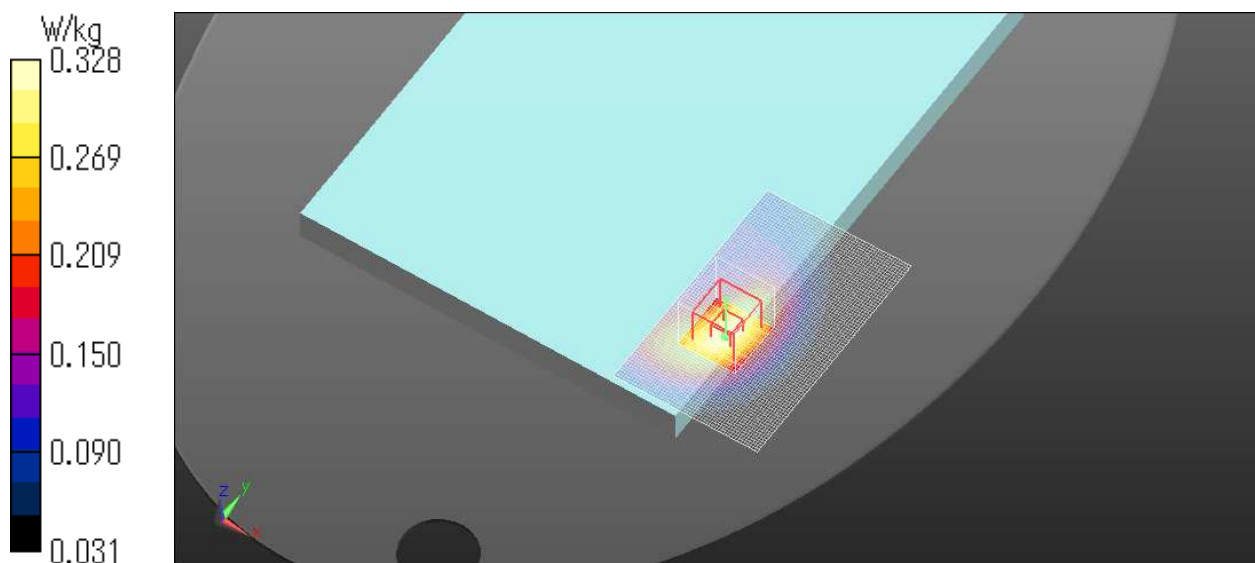
Peak SAR (extrapolated) = 0.367 W/kg

SAR(1 g) = 0.253 W/kg; SAR(10 g) = 0.172 W/kg

Maximum value of SAR (measured) = 0.328 W/kg

Date: 2019/11/19

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



Plot No. 13

LTE B7 Red Edge1 2560MHz 50RB/24Start

Communication System: UID 0, #Generic LTE (0); Communication System Band: Band 7, E-UTRA/FDD (2500.0 - 2570.0 MHz); Frequency: 2560 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2560$ MHz; $\sigma = 2.147$ S/m; $\epsilon_r = 50.493$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3917; ConvF(7.48, 7.48, 7.48) @ 2560 MHz; Calibrated: 2019/05/15

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

Electronics: DAE4 Sn1369; Calibrated: 2019/05/08

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

Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

LTE B7/Edge1 Hch 50/24 0mm/Area Scan (71x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.49 W/kg

LTE B7/Edge1 Hch 50/24 0mm/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 25.44 V/m; Power Drift = 0.10 dB

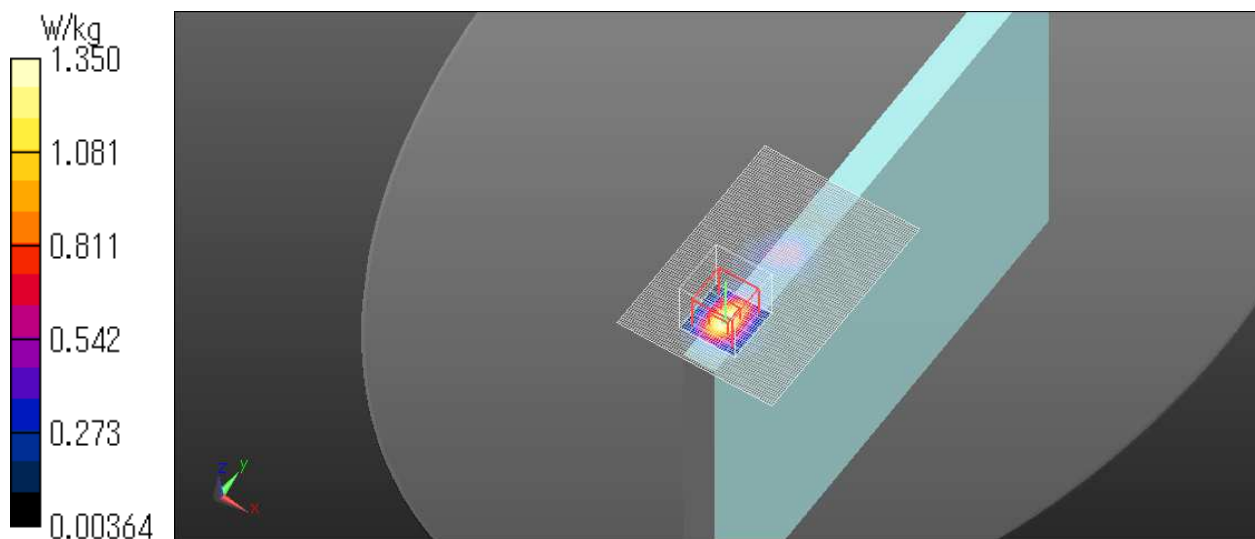
Peak SAR (extrapolated) = 1.74 W/kg

SAR(1 g) = 0.754 W/kg; SAR(10 g) = 0.320 W/kg

Maximum value of SAR (measured) = 1.35 W/kg

Date: 2019/11/12

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



Plot No. 14

LTE B7 Full Edge4 2535MHz 1RB/0Start

Communication System: UID 0, #Generic LTE (0); Communication System Band: Band 7, E-UTRA/FDD (2500.0 - 2570.0 MHz); Frequency: 2535 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2535$ MHz; $\sigma = 2.124$ S/m; $\epsilon_r = 50.545$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3917; ConvF(7.48, 7.48, 7.48) @ 2535 MHz; Calibrated: 2019/05/15

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1369; Calibrated: 2019/05/08

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

Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

LTE B7 Full Power/Edge4 Mch 1/0 0mm/Area Scan (51x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.67 W/kg

LTE B7 Full Power/Edge4 Mch 1/0 0mm/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 28.41 V/m; Power Drift = 0.01 dB

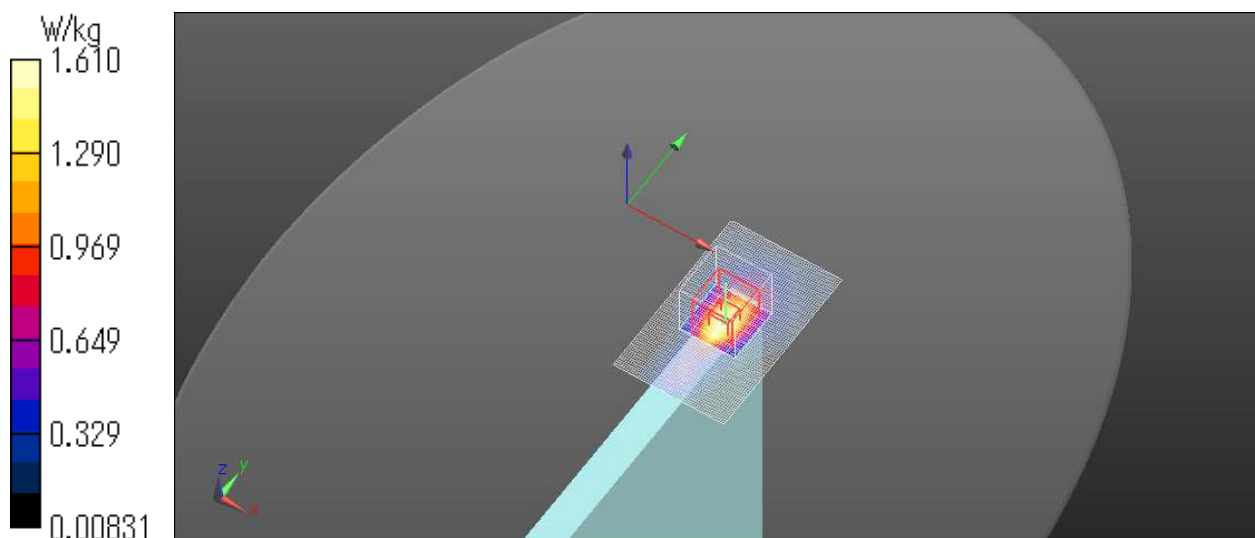
Peak SAR (extrapolated) = 2.05 W/kg

SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.476 W/kg

Maximum value of SAR (measured) = 1.61 W/kg

Date: 2019/11/13

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



Plot No. 15

LTE B12 Red Edge1 Convertible 704MHz 25RB/12Start

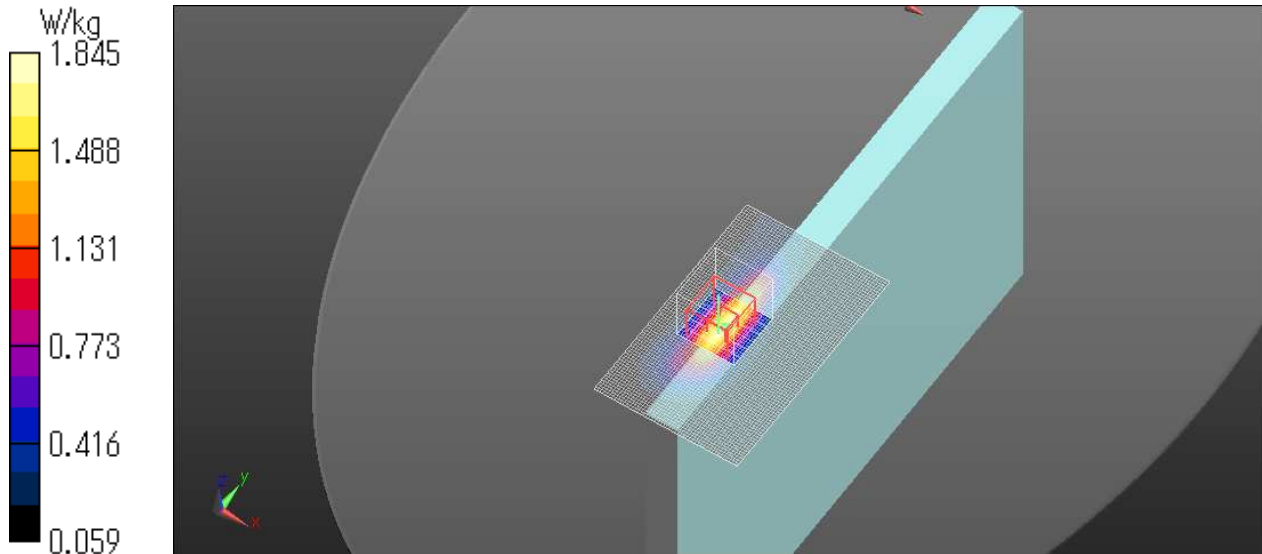
Communication System: UID 0, #Generic LTE (0); Communication System Band: Band 12, E-UTRA/FDD (698.0 - 716.0 MHz); Frequency: 704 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 704$ MHz; $\sigma = 0.952$ S/m; $\epsilon_r = 55.428$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration
Probe: EX3DV4 - SN3917; ConvF(10.11, 10.11, 10.11) @ 704 MHz; Calibrated: 2019/05/15
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1369; Calibrated: 2019/05/08
Phantom: ELI v5.0 (20deg probe tilt); Type: QDOVA001BB; Serial: TP:1203
Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

LTE B12 Red Power/Edge1 Convertible Lch 25/12 0mm/Area Scan (51x81x1): Interpolated grid:
dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.78 W/kg

LTE B12 Red Power/Edge1 Convertible Lch 25/12 0mm/Zoom Scan (7x7x7) (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 45.54 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 2.38 W/kg
SAR(1 g) = 1.09 W/kg; SAR(10 g) = 0.579 W/kg
Maximum value of SAR (measured) = 1.85 W/kg

Date: 2019/11/27

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



Plot No. 16

LTE B12 Full Rear 704MHz 1RB/49Start

Communication System: UID 0, #Generic LTE (0); Communication System Band: Band 12, E-UTRA/FDD (698.0 - 716.0 MHz); Frequency: 704 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 704$ MHz; $\sigma = 0.952$ S/m; $\epsilon_r = 55.428$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3917; ConvF(10.11, 10.11, 10.11) @ 704 MHz; Calibrated: 2019/05/15

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1369; Calibrated: 2019/05/08

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

Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

LTE B12 Full Power/Rear Lch 1/49 20mm/Area Scan (51x81x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.169 W/kg

LTE B12 Full Power/Rear Lch 1/49 20mm/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 13.70 V/m; Power Drift = -0.01 dB

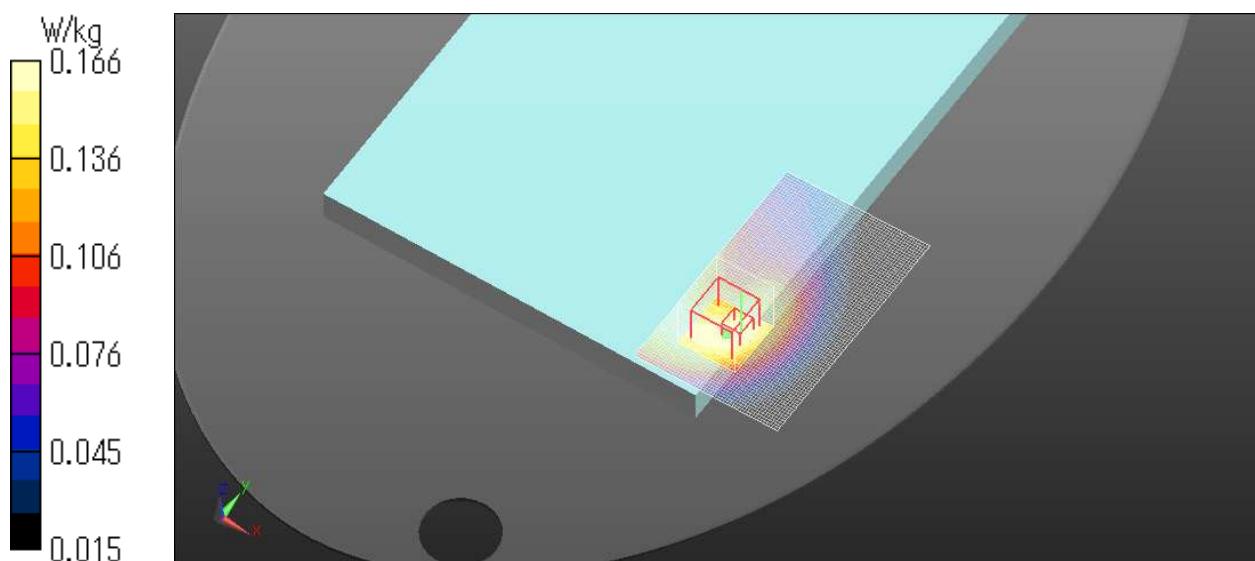
Peak SAR (extrapolated) = 0.190 W/kg

SAR(1 g) = 0.127 W/kg; SAR(10 g) = 0.088 W/kg

Maximum value of SAR (measured) = 0.166 W/kg

Date: 2019/11/27

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



Plot No. 17

LTE B13 Red Edge1 Convertible 782MHz 1RB/0Start

Communication System: UID 0, _Generic LTE (0); Communication System Band: Band 13, E-UTRA/FDD (777.0 - 787.0 MHz); Frequency: 782 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 782$ MHz; $\sigma = 1.007$ S/m; $\epsilon_r = 52.909$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN7372; ConvF(10.16, 10.16, 10.16) @ 782 MHz; Calibrated: 2019/04/15

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1372; Calibrated: 2019/06/14

Phantom: ELI v5.0 TP1207; Type: QDOVA001BB; Serial: TP:1207

Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

LTE B13 Red Power/Edge1 Convertible Mch 1/0 0mm/Area Scan (41x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.15 W/kg

LTE B13 Red Power/Edge1 Convertible Mch 1/0 0mm/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 38.14 V/m; Power Drift = -0.00 dB

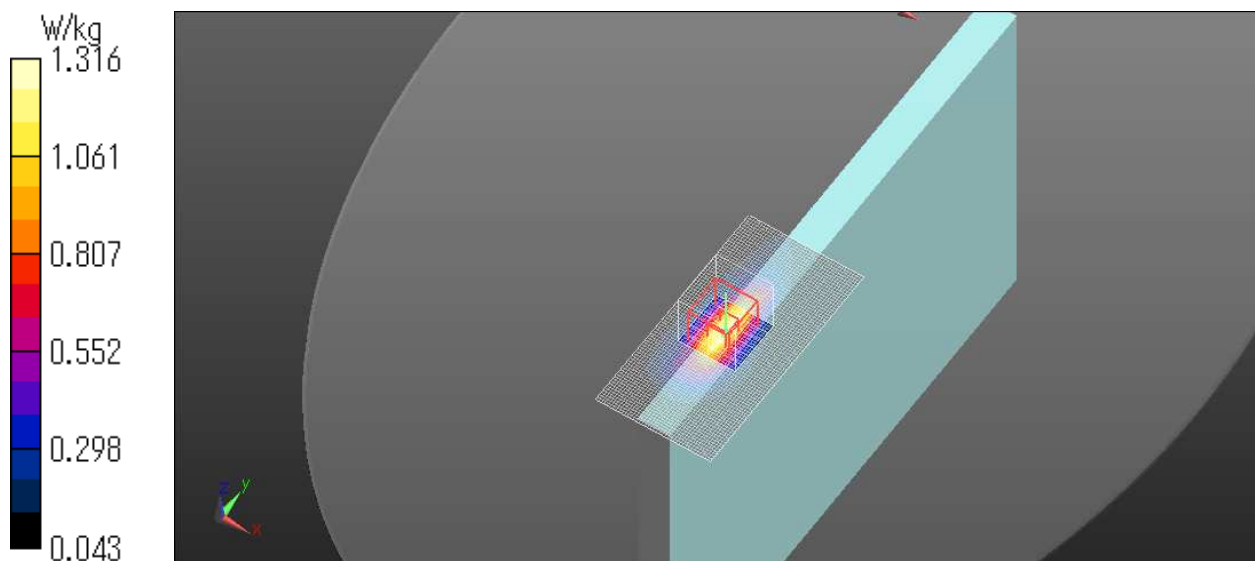
Peak SAR (extrapolated) = 1.67 W/kg

SAR(1 g) = 0.812 W/kg; SAR(10 g) = 0.434 W/kg

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

Date: 2019/11/26

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



Plot No. 18

LTE B13 Full Edge4 782MHz 1RB/0Start

Communication System: UID 0, _Generic LTE (0); Communication System Band: Band 13, E-UTRA/FDD (777.0 - 787.0 MHz); Frequency: 782 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 782$ MHz; $\sigma = 1.007$ S/m; $\epsilon_r = 52.909$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN7372; ConvF(10.16, 10.16, 10.16) @ 782 MHz; Calibrated: 2019/04/15

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1372; Calibrated: 2019/06/14

Phantom: ELI v5.0 TP1207; Type: QDOVA001BB; Serial: TP:1207

Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

LTE B13 Full Power/Edge4 Mch 1/0 0mm/Area Scan (51x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.420 W/kg

LTE B13 Full Power/Edge4 Mch 1/0 0mm/Zoom Scan (7x7x7) (7x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 20.10 V/m; Power Drift = 0.02 dB

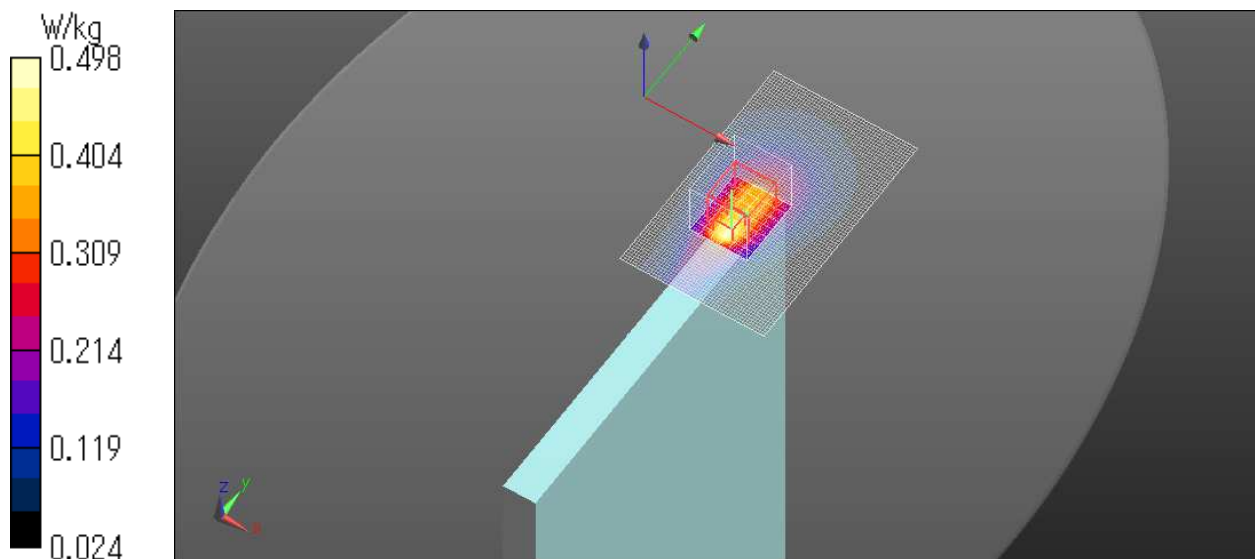
Peak SAR (extrapolated) = 0.672 W/kg

SAR(1 g) = 0.305 W/kg; SAR(10 g) = 0.183 W/kg

Maximum value of SAR (measured) = 0.498 W/kg

Date: 2019/11/26

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



Plot No. 19

LTE B14 Red Edge1 793MHz 25RB/0Start

Communication System: UID 0, _Generic LTE (0); Communication System Band: Band 14, E-UTRA/FDD (788.0 - 798.0 MHz); Frequency: 793 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 793$ MHz; $\sigma = 0.989$ S/m; $\epsilon_r = 54.215$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN7372; ConvF(10.16, 10.16, 10.16) @ 793 MHz; Calibrated: 2019/04/15

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

Electronics: DAE4 Sn1372; Calibrated: 2019/06/14

Phantom: ELI v5.0 TP1207; Type: QDOVA001BB; Serial: TP:1207

Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

LTE B14 Red Power/Edge1 Mch 25/0 0mm Repeat/Area Scan (51x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.46 W/kg

LTE B14 Red Power/Edge1 Mch 25/0 0mm Repeat/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 41.02 V/m; Power Drift = -0.01 dB

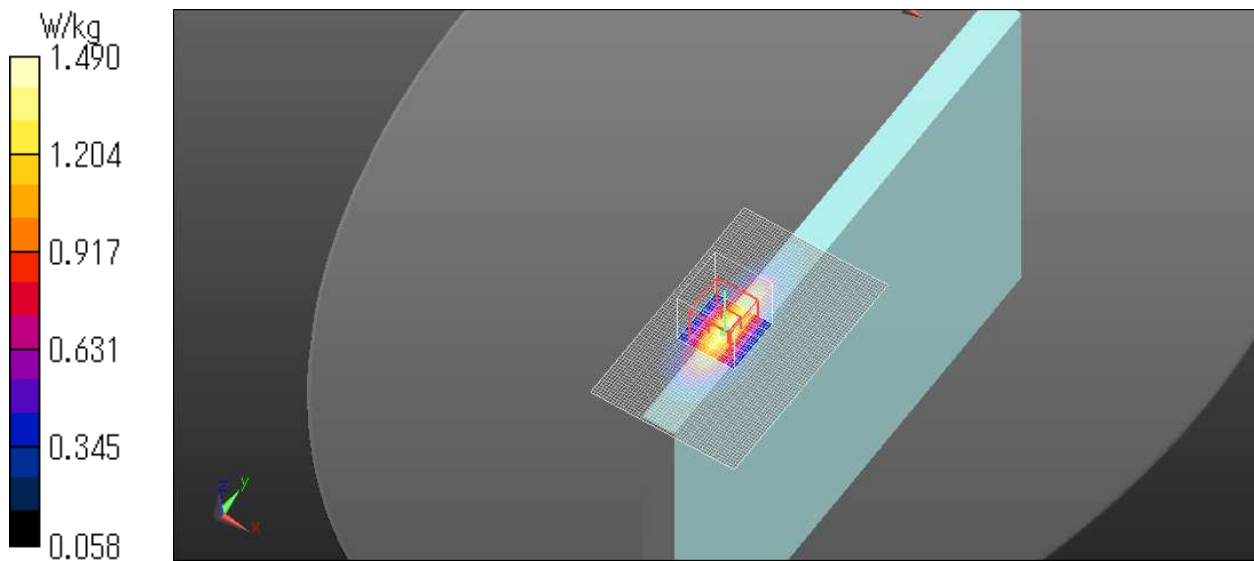
Peak SAR (extrapolated) = 1.84 W/kg

SAR(1 g) = 0.915 W/kg; SAR(10 g) = 0.499 W/kg

Maximum value of SAR (measured) = 1.49 W/kg

Date: 2019/11/21

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



Plot No. 20

LTE B14 Full Edge4 793MHz 1RB/49Start

Communication System: UID 0, _Generic LTE (0); Communication System Band: Band 14, E-UTRA/FDD (788.0 - 798.0 MHz); Frequency: 793 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 793$ MHz; $\sigma = 1.011$ S/m; $\epsilon_r = 52.878$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN7372; ConvF(10.16, 10.16, 10.16) @ 793 MHz; Calibrated: 2019/04/15

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1372; Calibrated: 2019/06/14

Phantom: ELI v5.0 TP1207; Type: QDOVA001BB; Serial: TP:1207

Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

LTE B14 Full Power/Edge4 Mch 1/49 0mm/Area Scan (51x81x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm
Maximum value of SAR (interpolated) = 0.413 W/kg

LTE B14 Full Power/Edge4 Mch 1/49 0mm/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 20.01 V/m; Power Drift = -0.03 dB

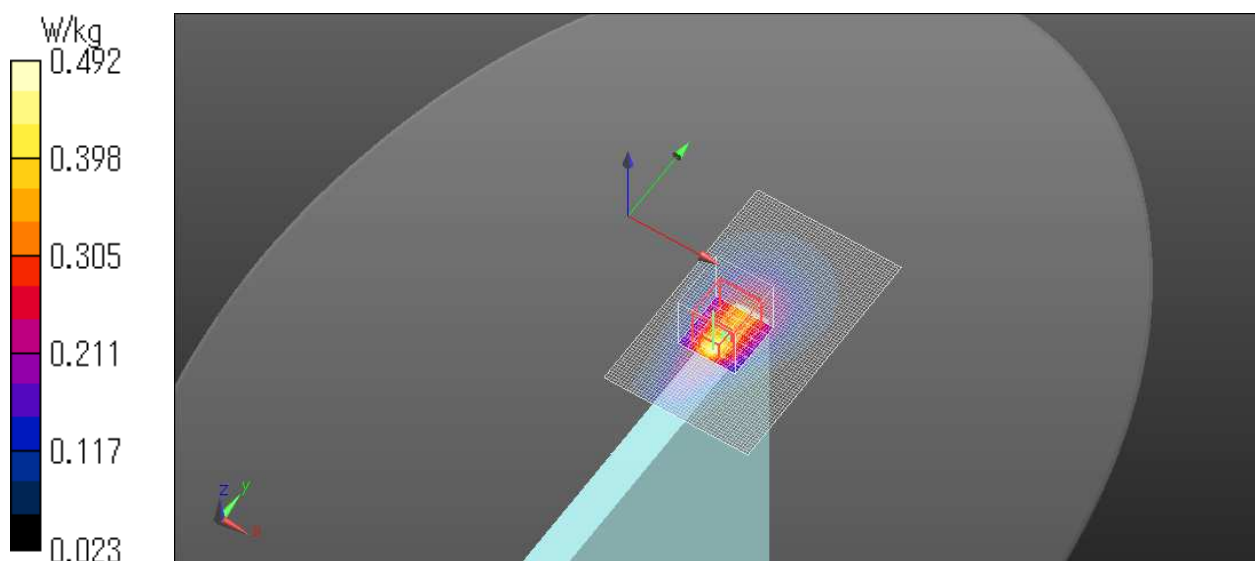
Peak SAR (extrapolated) = 0.638 W/kg

SAR(1 g) = 0.286 W/kg; SAR(10 g) = 0.170 W/kg

Maximum value of SAR (measured) = 0.492 W/kg

Date: 2019/11/25

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



Plot No. 21

LTE B26 Red Edge1 841.5MHz 1RB/0Start

Communication System: UID 0, _Generic LTE (0); Communication System Band: Band 26, E-UTRA/FDD (814.0 - 849.0 MHz); Frequency: 831.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 831.5$ MHz; $\sigma = 1.004$ S/m; $\epsilon_r = 54.123$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN7372; ConvF(9.88, 9.88, 9.88) @ 831.5 MHz; Calibrated: 2019/04/15

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

Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1372; Calibrated: 2019/06/14

Phantom: ELI v5.0 TP1207; Type: QDOVA001BB; Serial: TP:1207

Measurement SW: DASYS2, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

LTE B26 Red Power/Edge1 Mch 1/0 0mm/Area Scan (51x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (interpolated) = 1.46 W/kg

LTE B26 Red Power/Edge1 Mch 1/0 0mm/Zoom Scan (7x7x7) (7x8x7)/Cube 0: Measurement grid:

dx=5mm, dy=5mm, dz=5mm

Reference Value = 39.34 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.83 W/kg

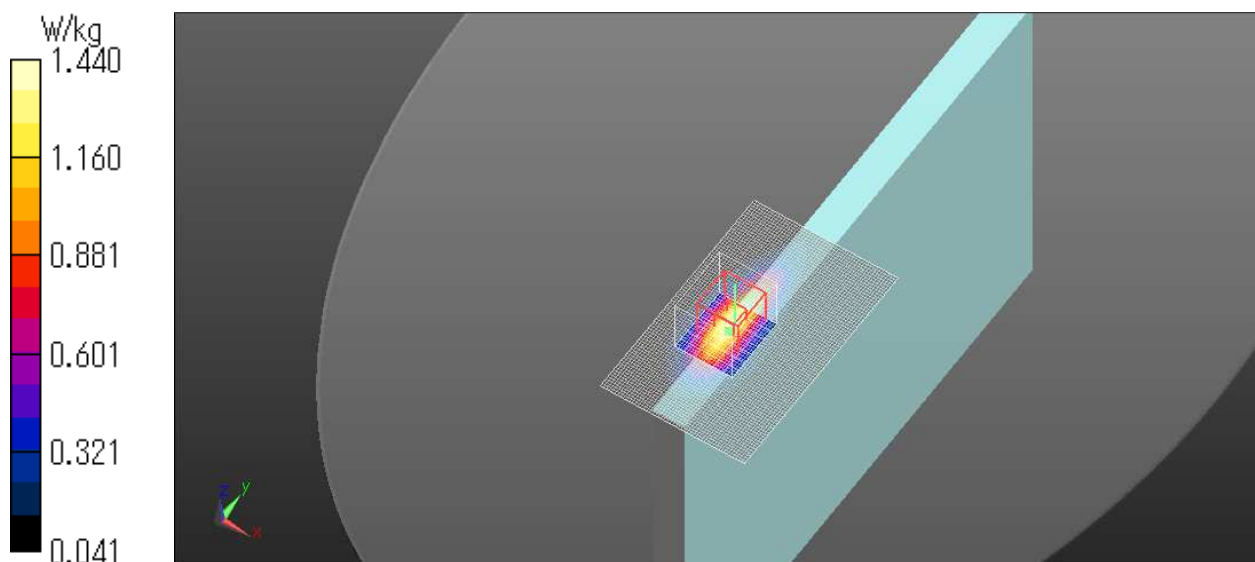
SAR(1 g) = 0.917 W/kg; SAR(10 g) = 0.497 W/kg

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 1.44 W/kg

Date: 2019/11/20

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



Plot No. 22

LTE B26 Full Edge4 841.5MHz 1RB/0Start

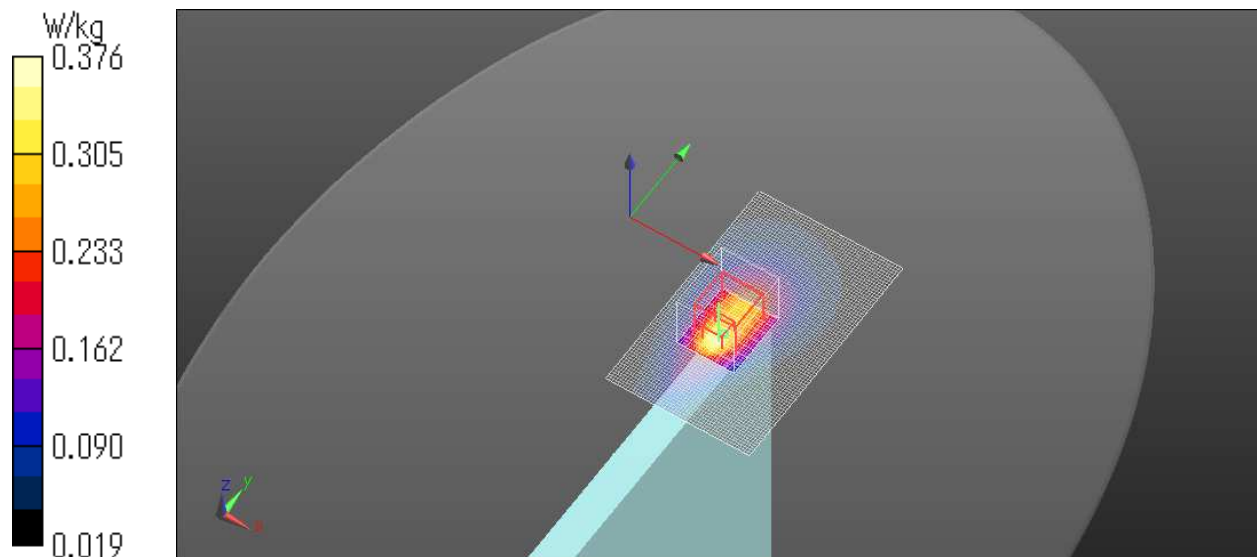
Communication System: UID 0, _Generic LTE (0); Communication System Band: Band 26, E-UTRA/FDD (814.0 - 849.0 MHz); Frequency: 841.5 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 841.5$ MHz; $\sigma = 1.009$ S/m; $\epsilon_r = 54.084$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5 Configuration
Probe: EX3DV4 - SN7372; ConvF(9.88, 9.88, 9.88) @ 841.5 MHz; Calibrated: 2019/04/15
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1372; Calibrated: 2019/06/14
Phantom: ELI v5.0 TP1207; Type: QDOVA001BB; Serial: TP:1207
Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

LTE B26 Full Power/Edge4 Hch 1/0 0mm/Area Scan (51x81x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm
Maximum value of SAR (interpolated) = 0.367 W/kg

LTE B26 Full Power/Edge4 Hch 1/0 0mm/Zoom Scan (7x7x7) (7x8x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm
Reference Value = 18.87 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.474 W/kg
SAR(1 g) = 0.237 W/kg; SAR(10 g) = 0.145 W/kg
Maximum value of SAR (measured) = 0.376 W/kg

Date: 2019/11/21

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



Plot No. 23

LTE B41 Red Edge1 2680MHz 1RB/0Start

Communication System: UID 0, #Generic LTE (0); Communication System Band: Band 41, E-UTRA/TDD (2496.0 - 2690.0 MHz); Frequency: 2680 MHz; Duty Cycle: 1:1.58489

Medium parameters used: $f = 2680$ MHz; $\sigma = 2.275$ S/m; $\epsilon_r = 50.441$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3917; ConvF(7.48, 7.48, 7.48) @ 2680 MHz; Calibrated: 2019/05/15

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1369; Calibrated: 2019/05/08

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

Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

LTE B41 Red Power/Edge1 Hch 1/0 0mm/Area Scan (71x111x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm
Maximum value of SAR (interpolated) = 1.54 W/kg

LTE B41 Red Power/Edge1 Hch 1/0 0mm/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 26.17 V/m; Power Drift = -0.04 dB

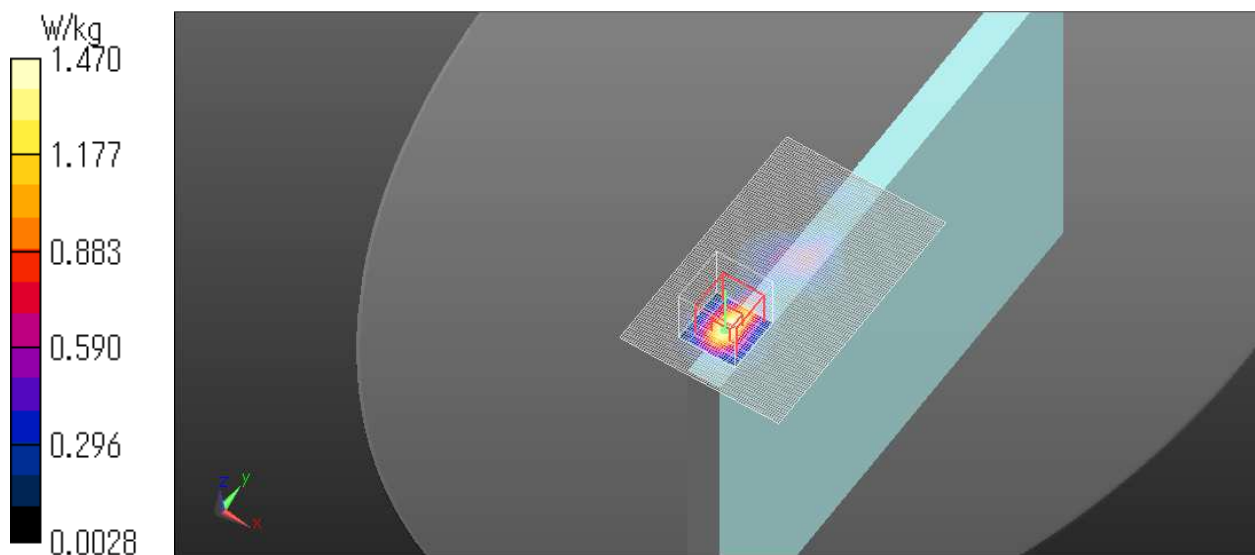
Peak SAR (extrapolated) = 1.91 W/kg

SAR(1 g) = 0.817 W/kg; SAR(10 g) = 0.352 W/kg

Maximum value of SAR (measured) = 1.47 W/kg

Date: 2019/11/14

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



Plot No. 24

LTE B41 Full Edge4 2680MHz 1RB/0Start

Communication System: UID 0, #Generic LTE (0); Communication System Band: Band 41, E-UTRA/TDD (2496.0 - 2690.0 MHz); Frequency: 2680 MHz; Duty Cycle: 1:1.58489

Medium parameters used: $f = 2680$ MHz; $\sigma = 2.186$ S/m; $\epsilon_r = 51.554$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3917; ConvF(7.48, 7.48, 7.48) @ 2680 MHz; Calibrated: 2019/05/15

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1369; Calibrated: 2019/05/08

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

Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

LTE B41 Full Power/Edge4 Lch 1/0 0mm/Area Scan (71x121x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm
Maximum value of SAR (interpolated) = 1.26 W/kg

LTE B41 Full Power/Edge4 Lch 1/0 0mm/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 24.58 V/m; Power Drift = -0.07 dB

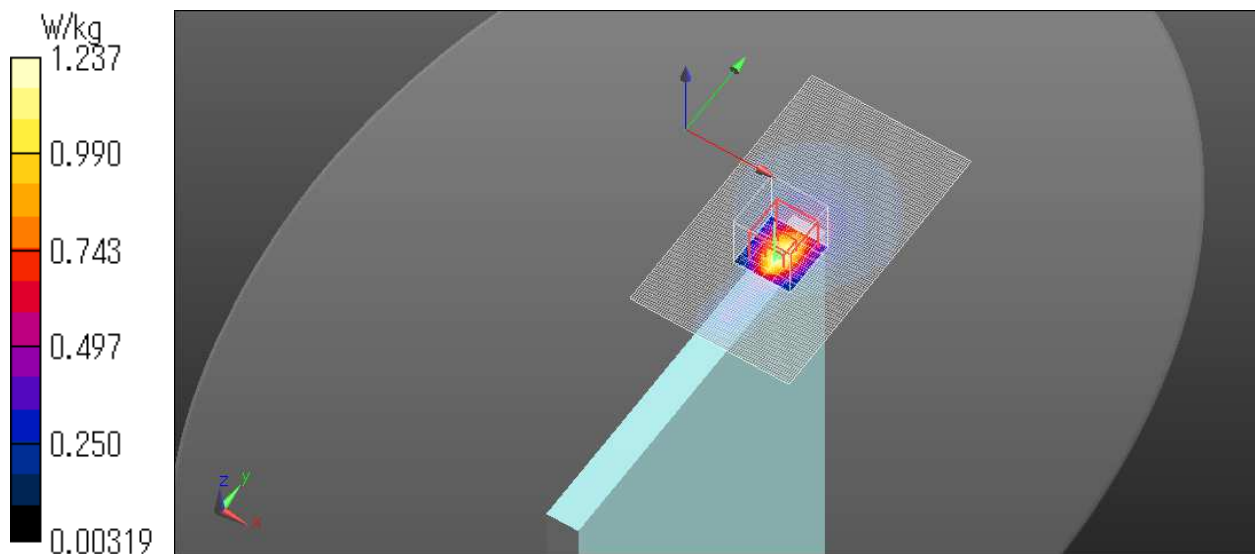
Peak SAR (extrapolated) = 1.62 W/kg

SAR(1 g) = 0.746 W/kg; SAR(10 g) = 0.338 W/kg

Maximum value of SAR (measured) = 1.24 W/kg

Date: 2019/11/19

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



Plot No. 25

LTE B66 Red Edge1 1720MHz 50RB/0Start

Communication System: UID 0, #Generic LTE (0); Communication System Band: Band 66, E-UTRA/FDD (1710.0 - 1780.0 MHz); Frequency: 1720 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1720$ MHz; $\sigma = 1.512$ S/m; $\epsilon_r = 51.208$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3917; ConvF(8.16, 8.16, 8.16) @ 1720 MHz; Calibrated: 2019/05/15

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1369; Calibrated: 2019/05/08

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

Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

LTE B66/Edge1 Lch 50/0 0mm/Area Scan (51x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.44 W/kg

LTE B66/Edge1 Lch 50/0 0mm/Zoom Scan (7x7x7) (7x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 32.79 V/m; Power Drift = -0.18 dB

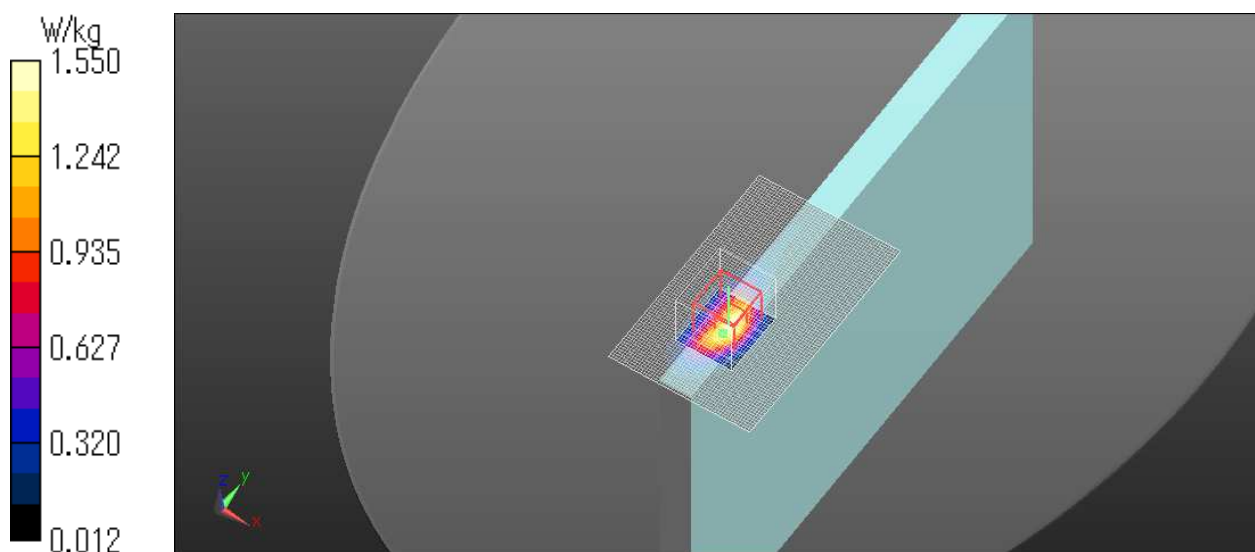
Peak SAR (extrapolated) = 2.02 W/kg

SAR(1 g) = 0.910 W/kg; SAR(10 g) = 0.445 W/kg

Maximum value of SAR (measured) = 1.55 W/kg

Date: 2019/11/11

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



Plot No. 26

LTE B66 Full Edge4 1720MHz 50RB/24Start

Communication System: UID 0, #Generic LTE (0); Communication System Band: Band 66, E-UTRA/FDD (1710.0 - 1780.0 MHz); Frequency: 1720 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1720$ MHz; $\sigma = 1.512$ S/m; $\epsilon_r = 51.208$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3917; ConvF(8.16, 8.16, 8.16) @ 1720 MHz; Calibrated: 2019/05/15

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1369; Calibrated: 2019/05/08

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

Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

LTE B66 Full Power/Edge4 Lch 50/24 0mm/Area Scan (51x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.695 W/kg

LTE B66 Full Power/Edge4 Lch 50/24 0mm/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 22.03 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.953 W/kg

SAR(1 g) = 0.473 W/kg; SAR(10 g) = 0.262 W/kg

Maximum value of SAR (measured) = 0.745 W/kg

Date: 2019/11/11

Ambient Temp.: 24.0 degree.C. Liquid Temp.: 23.5 degree.C.

