Appendix B: SAR Measurement data
Representative SAR Measurement data

Plot No W2.1
WCDMA B2 ch9262 1852.4 MHz RMC Rear tilt (Edge4) 9 mm
02_13_2023_Room1 Temp_22.5 deg.C._Liquid Temp_22.5 deg.C 2

Communication System info
Communication System: UID 0, _WCDMA (0)
Communication System Band: Band IIDuty Cycle: 1:1
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

Probe info:
Probe: EX3DV4 - SN3917 / Calibrated: 2022/05/17
ConvF(8.18, 8.18, 8.18) @ 1852.4 MHz
Medium parameters used (interpolated): f = 1852.4 MHz; σ = 1.36 S/m; ε_r = 38.438; ρ = 1000 kg/m^3
Sensor-Surface: 1.4 mm (Mechanical Surface Detection)

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

Phantom info:
Phantom: ELI v5.0 (20 deg probe tilt)/Phantom section: Flat Section
Type: QDOVA001BB
Serial: TP:1203
Software info DASY52 52.10.4(1535) SEMCAD X 14.6.12(7450)

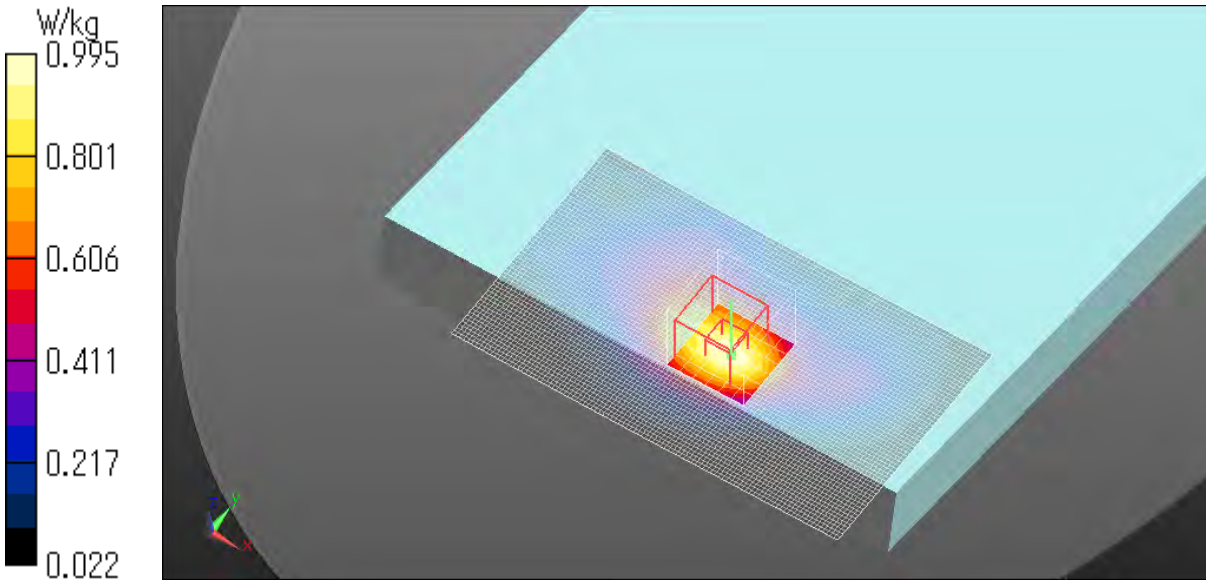
Area Scan (101x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.988 W/kg

Scan (7x7x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5 mm
Reference Value = 28.00 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.16 W/kg
SAR(1 g) = 0.698 W/kg; SAR(10 g) = 0.417 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.995 W/kg

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



Plot No W2.2
WCDMA B2 ch9262 1852.4 MHz RMC Edge4 0 mm
02_20_2023_Red_Room1 Temp_22.5 deg.C._Liquid Temp_22.25 deg.C

Communication System info
Communication System: UID 0, #WCDMA (0)
Communication System Band: Band IIDuty Cycle: 1:1
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

Probe info:
Probe: EX3DV4 - SN3825 / Calibrated: 2022/07/20
ConvF(8.36, 8.36, 8.36) @ 1852.4 MHz
Medium parameters used (interpolated): f = 1852.4 MHz; σ = 1.372 S/m; ε_r = 40.4; ρ = 1000 kg/m^3
Sensor-Surface: 1.4 mm (Mechanical Surface Detection)

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

Phantom info:
Phantom: ELI v5.0 (20 deg probe tilt)/Phantom section: Flat Section
Type: QDOVA001BB
Serial: TP:1203
Software info DASY52 52.10.3(1513) SEMCAD X 14.6.13(7474)

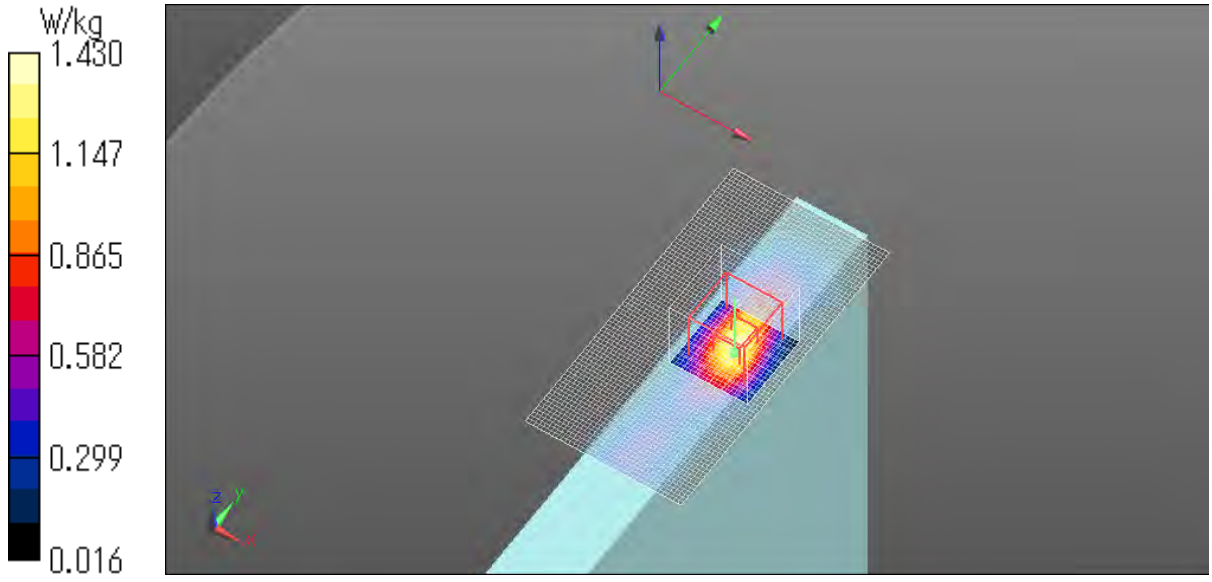
Area Scan (41x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 1.45 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5 mm
Reference Value = 33.55 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.74 W/kg
SAR(1 g) = 0.896 W/kg; SAR(10 g) = 0.439 W/kg
Smallest distance from peaks to all points 3 dB below = 8.1 mm
Ratio of SAR at M2 to SAR at M1 = 53.3 %

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.43 W/kg

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



Plot No W4.1
WCDMA B4 ch1513 1752.6 MHz RMC Rear tilt (Edge4) 9 mm
02_13_2023_Room1 Temp_22.5 deg.C._Liquid Temp_22.5 deg.C 2

Communication System info
Communication System: UID 0, #WCDMA (0)
Communication System Band: Band IVDuty Cycle: 1:1
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

Probe info:
Probe: EX3DV4 - SN3917 / Calibrated: 2022/05/17
ConvF(8.4, 8.4, 8.4) @ 1752.6 MHz
Medium parameters used (interpolated): f = 1752.6 MHz; σ = 1.309 S/m; ε_r = 38.588; ρ = 1000 kg/m^3
Sensor-Surface: 1.4 mm (Mechanical Surface Detection)

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

Phantom info:
Phantom: ELI v5.0 (20 deg probe tilt)/Phantom section: Flat Section
Type: QDOVA001BB
Serial: TP:1203
Software info DASY52 52.10.4(1535) SEMCAD X 14.6.12(7450)

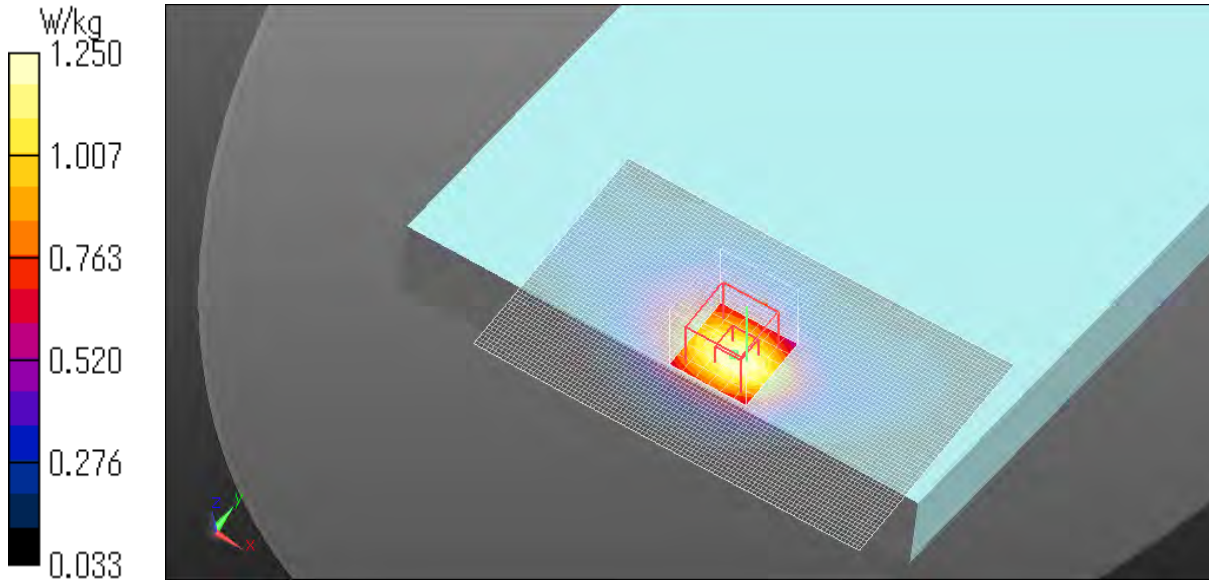
Area Scan (101x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 1.27 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5 mm
Reference Value = 31.66 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 1.47 W/kg
SAR(1 g) = 0.890 W/kg; SAR(10 g) = 0.539 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.25 W/kg

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



Plot No W4.2
WCDMA B4 ch1312 1712.4 MHz RMC Edge4 0 mm
02_20_2023_Red_Room1 Temp_22.5 deg.C._Liquid Temp_22.25 deg.C

Communication System info
Communication System: UID 0, #WCDMA (0)
Communication System Band: Band IVDuty Cycle: 1:1
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

Probe info:
Probe: EX3DV4 - SN3825 / Calibrated: 2022/07/20
ConvF(8.66, 8.66, 8.66) @ 1712.4 MHz
Medium parameters used (interpolated): f = 1712.4 MHz; σ = 1.299 S/m; ε_r = 40.648; ρ = 1000 kg/m^3
Sensor-Surface: 1.4 mm (Mechanical Surface Detection)

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

Phantom info:
Phantom: ELI v5.0 (20 deg probe tilt)/Phantom section: Flat Section
Type: QDOVA001BB
Serial: TP:1203
Software info DASY52 52.10.3(1513) SEMCAD X 14.6.13(7474)

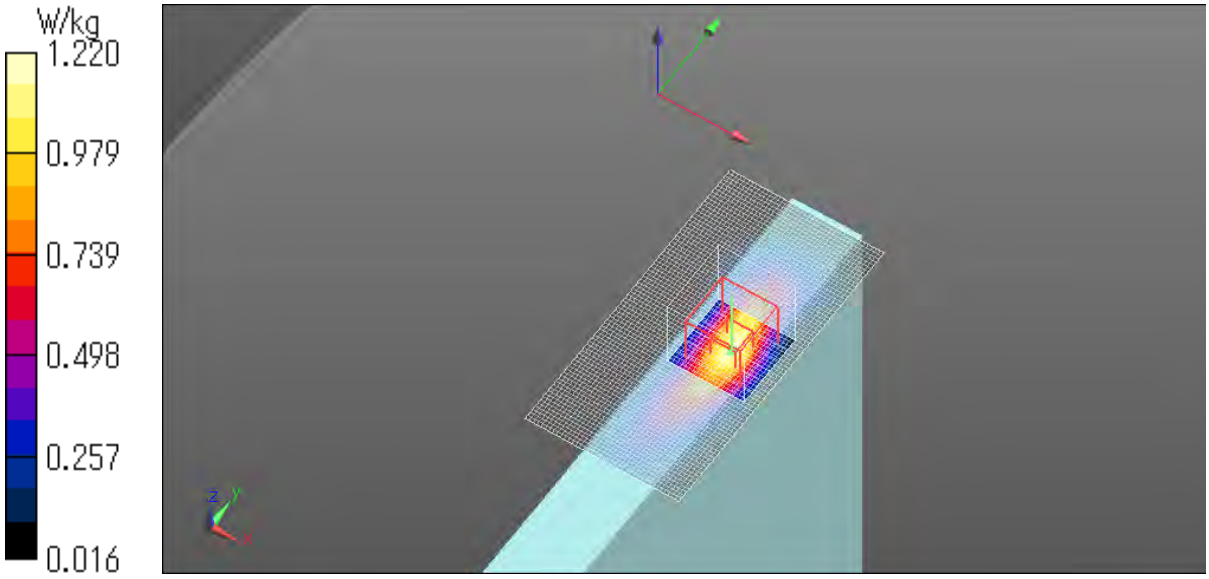
Area Scan (41x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 1.23 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5 mm
Reference Value = 31.60 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.47 W/kg
SAR(1 g) = 0.765 W/kg; SAR(10 g) = 0.387 W/kg
Smallest distance from peaks to all points 3 dB below = 8.5 mm
Ratio of SAR at M2 to SAR at M1 = 53.3 %

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.22 W/kg

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



Plot No W5.1
WCDMA B5 ch4132 826.4 MHz RMC Rear tilt (Edge1) 0 mm
02_16_2023_Room1 Temp_22.0 deg.C._Liquid Temp_22.0 deg.C

Communication System info
Communication System: UID 0, #WCDMA (0)
Communication System Band: Band VDuty Cycle: 1:1
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

Probe info:
Probe: EX3DV4 - SN3825 / Calibrated: 2022/07/20
ConvF(9.57, 9.57, 9.57) @ 826.4 MHz
Medium parameters used (interpolated): f = 826.4 MHz; σ = 0.947 S/m; ε_r = 42.973; ρ = 1000 kg/m^3
Sensor-Surface: 1.4 mm (Mechanical Surface Detection)

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

Phantom info:
Phantom: ELI v5.0 (20 deg probe tilt)/Phantom section: Flat Section
Type: QDOVA001BB
Serial: TP:1203
Software info DASY52 52.10.3(1513) SEMCAD X 14.6.13(7474)

Area Scan (81x51x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

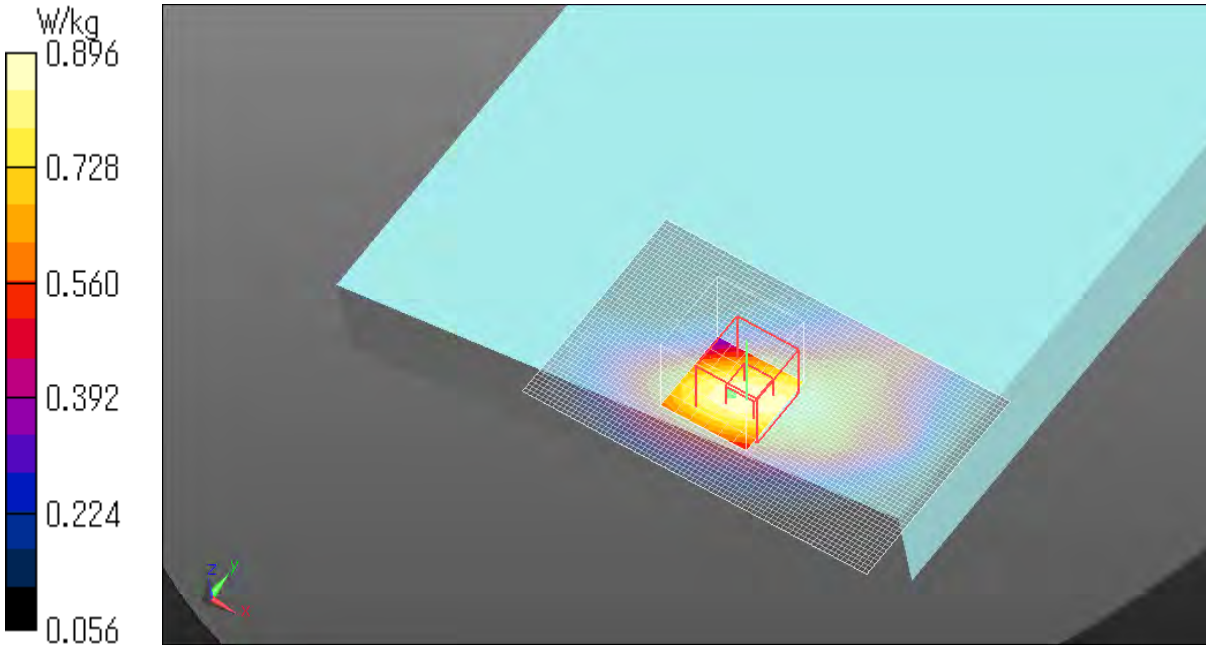
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.910 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5 mm
Reference Value = 32.07 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 1.01 W/kg
SAR(1 g) = 0.690 W/kg; SAR(10 g) = 0.470 W/kg
Smallest distance from peaks to all points 3 dB below = 18.4 mm
Ratio of SAR at M2 to SAR at M1 = 68.8 %

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.896 W/kg

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



Plot No W5.2
WCDMA B5 ch4233 846.6 MHz RMC Edge4 0 mm
02_20_2023_Red_Room1 Temp_22.5 deg.C._Liquid Temp_22.25 deg.C

Communication System info
Communication System: UID 0, #WCDMA (0)
Communication System Band: Band VDuty Cycle: 1:1
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

Probe info:
Probe: EX3DV4 - SN3825 / Calibrated: 2022/07/20
ConvF(9.57, 9.57, 9.57) @ 846.6 MHz
Medium parameters used (interpolated): f = 846.6 MHz; σ = 0.91 S/m; ε_r = 42.25; ρ = 1000 kg/m^3
Sensor-Surface: 1.4 mm (Mechanical Surface Detection)

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

Phantom info:
Phantom: ELI v5.0 (20 deg probe tilt)/Phantom section: Flat Section
Type: QDOVA001BB
Serial: TP:1203
Software info DASY52 52.10.3(1513) SEMCAD X 14.6.13(7474)

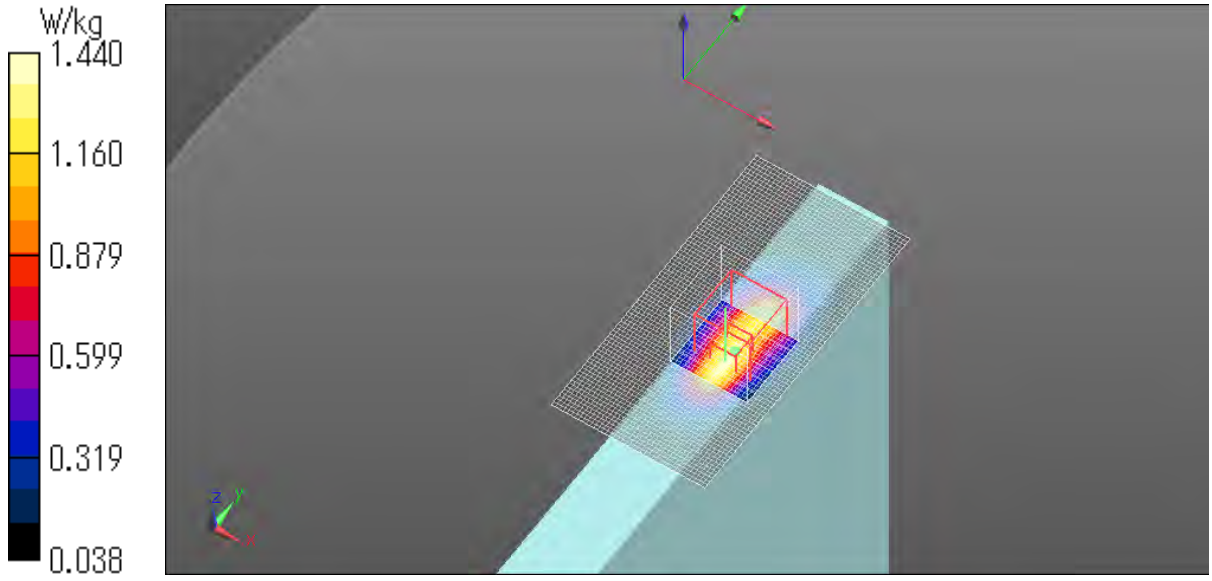
Area Scan (41x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 1.22 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5 mm
Reference Value = 40.91 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.85 W/kg
SAR(1 g) = 0.878 W/kg; SAR(10 g) = 0.480 W/kg
Smallest distance from peaks to all points 3 dB below = 8 mm
Ratio of SAR at M2 to SAR at M1 = 48.5 %

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.44 W/kg

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



Plot No L2.1
Band 2_Rear tilt(Edge 1 side)_Mod QPSK_Ch 19100_1900 MHz_BW 20_RBN. 1_RBP. 0
02_15_2023_Room1 Temp_22.0 deg.C._Liquid Temp_22.0 deg.C

Communication System info
Communication System: UID 0, #Generic LTE (0)
Communication System Band: Band 2, E-UTRA/FDD (1850.0 - 1910.0 MHz)Duty Cycle: 1:1
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

Probe info:
Probe: EX3DV4 - SN3825 / Calibrated: 2022/07/20
ConvF(8.36, 8.36, 8.36) @ 1900 MHz
Medium parameters used: f = 1900 MHz; σ = 1.425 S/m; ε_r = 40.547; ρ = 1000 kg/m^3
Sensor-Surface: 1.4 mm (Mechanical Surface Detection)

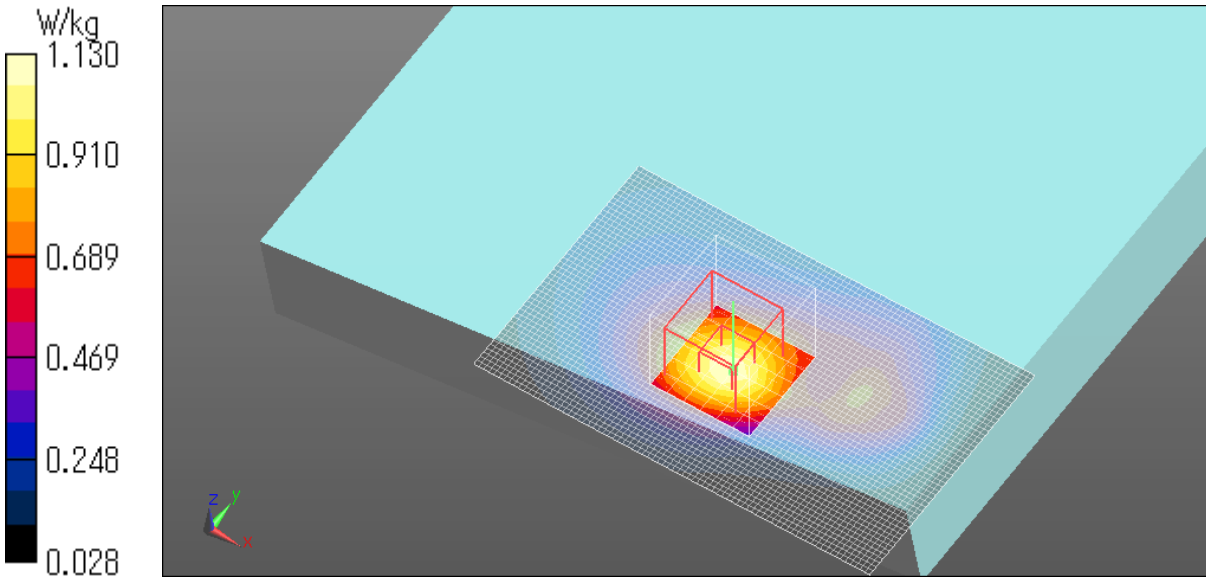
DAE info:
Electronics: DAE4 Sn1369 / Calibrated: 2022/05/09

Phantom info:
Phantom: ELI v5.0 (20 deg probe tilt)/Phantom section: Flat Section
Type: QDOVA001BB
Serial: TP:1203
Software info DASY52 52.10.3(1513) SEMCAD X 14.6.13(7474)

Area Scan (81x51x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.16 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5 mm
Reference Value = 29.21 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 1.32 W/kg
SAR(1 g) = 0.783 W/kg; SAR(10 g) = 0.457 W/kg
Smallest distance from peaks to all points 3 dB below = 16.1 mm
Ratio of SAR at M2 to SAR at M1 = 59.1 %
Maximum value of SAR (measured) = 1.13 W/kg

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



Plot No L2.2
Band 2_Edge 4_Mod QPSK_Ch 18700_1860 MHz_BW 20_RBN. 50_RBP. 0
02_15_2023_Room1 Temp_22.0 deg.C._Liquid Temp_22.0 deg.C(Red)

Communication System info
Communication System: UID 0, #Generic LTE (0)
Communication System Band: Band 2, E-UTRA/FDD (1850.0 - 1910.0 MHz)Duty Cycle: 1:1.5787
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

Probe info:
Probe: EX3DV4 - SN3825 / Calibrated: 2022/07/20
ConvF(8.36, 8.36, 8.36) @ 1860 MHz
Medium parameters used: f = 1860 MHz; σ = 1.401 S/m; ε_r = 40.605; ρ = 1000 kg/m^3
Sensor-Surface: 1.4 mm (Mechanical Surface Detection)

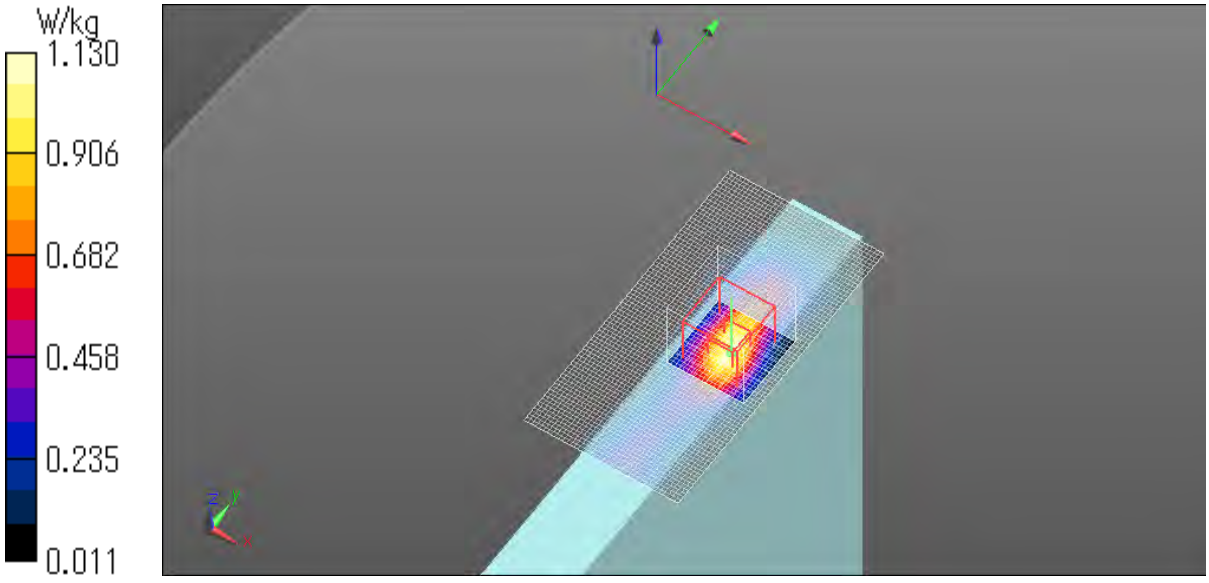
DAE info:
Electronics: DAE4 Sn1369 / Calibrated: 2022/05/09

Phantom info:
Phantom: ELI v5.0 (20 deg probe tilt)/Phantom section: Flat Section
Type: QDOVA001BB
Serial: TP:1203
Software info DASY52 52.10.3(1513) SEMCAD X 14.6.13(7474)

Area Scan (41x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.10 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5 mm
Reference Value = 29.54 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.38 W/kg
SAR(1 g) = 0.711 W/kg; SAR(10 g) = 0.344 W/kg
Smallest distance from peaks to all points 3 dB below = 8.1 mm
Ratio of SAR at M2 to SAR at M1 = 53.4 %
Maximum value of SAR (measured) = 1.13 W/kg

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



Plot No L4.1
Band 4_Rear tilt(Edge 4 side)_Mod QPSK_Ch 20050_1720 MHz_BW 20_RBN. 1_RBP. 0
02_13_2023_Room1 Temp_22.5 deg.C._Liquid Temp_22.5 deg.C

Communication System info
Communication System: UID 0, #Generic LTE (0)
Communication System Band: Band 4, E-UTRA/FDD (1710.0 - 1755.0 MHz)Duty Cycle: 1:1
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

Probe info:
Probe: EX3DV4 - SN3917 / Calibrated: 2022/05/17
ConvF(8.4, 8.4, 8.4) @ 1720 MHz
Medium parameters used: f = 1720 MHz; σ = 1.294 S/m; ε_r = 38.605; ρ = 1000 kg/m^3
Sensor-Surface: 1.4 mm (Mechanical Surface Detection)

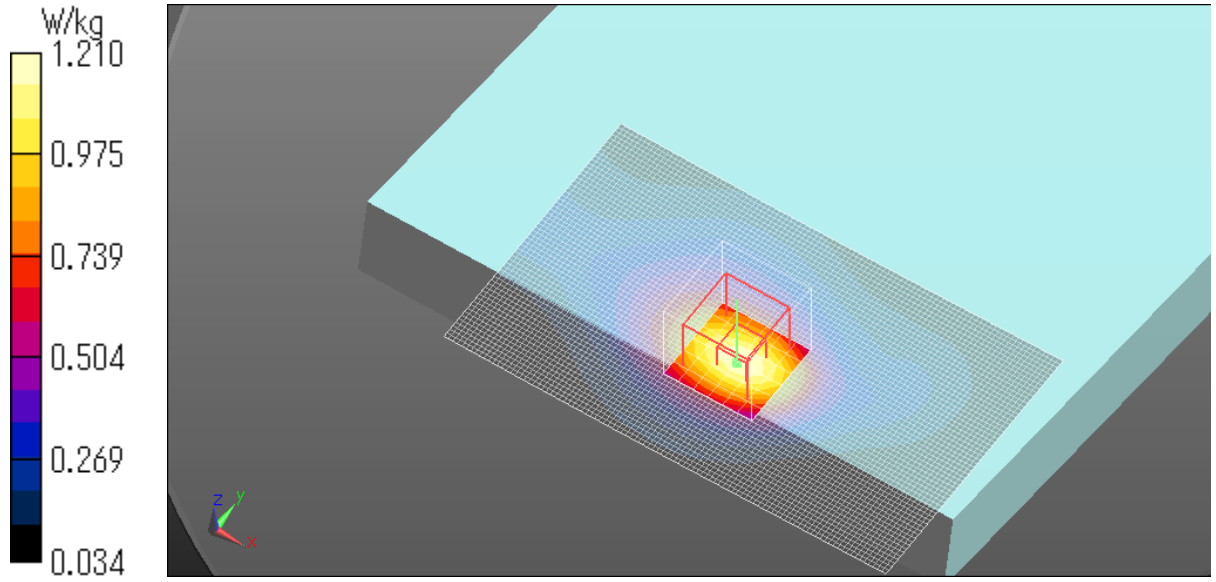
DAE info:
Electronics: DAE4 Sn509 / Calibrated: 2022/07/13

Phantom info:
Phantom: ELI v5.0 (20 deg probe tilt)/Phantom section: Flat Section
Type: QDOVA001BB
Serial: TP:1203
Software info DASY52 52.10.4(1535) SEMCAD X 14.6.14(7501)

Area Scan (101x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.21 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5 mm
Reference Value = 31.34 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 1.42 W/kg
SAR(1 g) = 0.861 W/kg; SAR(10 g) = 0.521 W/kg
Smallest distance from peaks to all points 3 dB below = 16.3 mm
Ratio of SAR at M2 to SAR at M1 = 60.7 %
Maximum value of SAR (measured) = 1.21 W/kg

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



Plot No L4.2
LTE B4 ch20050 1720 MHz QPSK Edge4 0 mm 20 MHz RBn1 RBp0
02_16_2023_Room2_N Temp_22.8 deg.C._Liquid Temp_22.5 deg.C

Communication System info
Communication System: UID 0, _Generic LTE (0)
Communication System Band: Band 4, E-UTRA/FDD (1710.0 - 1755.0 MHz)Duty Cycle: 1:1
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

Probe info:
Probe: EX3DV4 - SN3917 / Calibrated: 2022/05/17
ConvF(8.4, 8.4, 8.4) @ 1720 MHz
Medium parameters used: f = 1720 MHz; σ = 1.309 S/m; ε_r = 39.429; ρ = 1000 kg/m^3
Sensor-Surface: 1.4 mm (Mechanical Surface Detection)

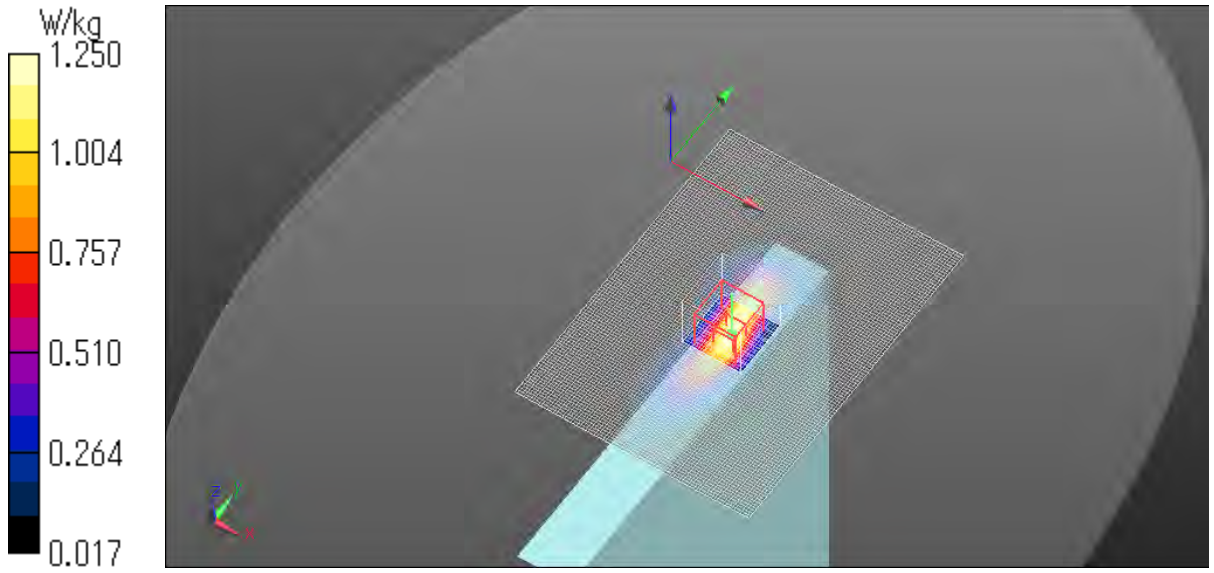
DAE info:
Electronics: DAE4 Sn509 / Calibrated: 2022/07/13

Phantom info:
Phantom: ELI v5.0 TP1207 (30 deg probe tilt)/Phantom section: Flat Section
Type: QDOVA001BB
Serial: TP:1207
Software info DASY52 52.10.4(1535) SEMCAD X 14.6.14(7501)

Area Scan (81x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.24 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5 mm
Reference Value = 31.56 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 1.60 W/kg
SAR(1 g) = 0.799 W/kg; SAR(10 g) = 0.405 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 = 52.5 %
Maximum value of SAR (measured) = 1.25 W/kg

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



Plot No L5.1
Band 5_Rear tilt(Edge 4 side)_Mod QPSK_Ch 20600_844 MHz_BW 10_RBN. 1_RBP. 0
02_22_2023_Room1 Temp_22.5 deg.C._Liquid Temp_22.25 deg.C

Communication System info
Communication System: UID 0, #Generic LTE (0)
Communication System Band: Band 5, E-UTRA/FDD (824.0 - 849.0 MHz)Duty Cycle: 1:1
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

Probe info:
Probe: EX3DV4 - SN3825 / Calibrated: 2022/07/20
ConvF(9.57, 9.57, 9.57) @ 844 MHz
Medium parameters used (interpolated): f = 844 MHz; σ = 0.909 S/m; ε_r = 42.257; ρ = 1000 kg/m^3
Sensor-Surface: 1.4 mm (Mechanical Surface Detection)

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

Phantom info:
Phantom: ELI v5.0 (20 deg probe tilt)/Phantom section: Flat Section
Type: QDOVA001BB
Serial: TP:1203
Software info DASY52 52.10.3(1513) SEMCAD X 14.6.13(7474)

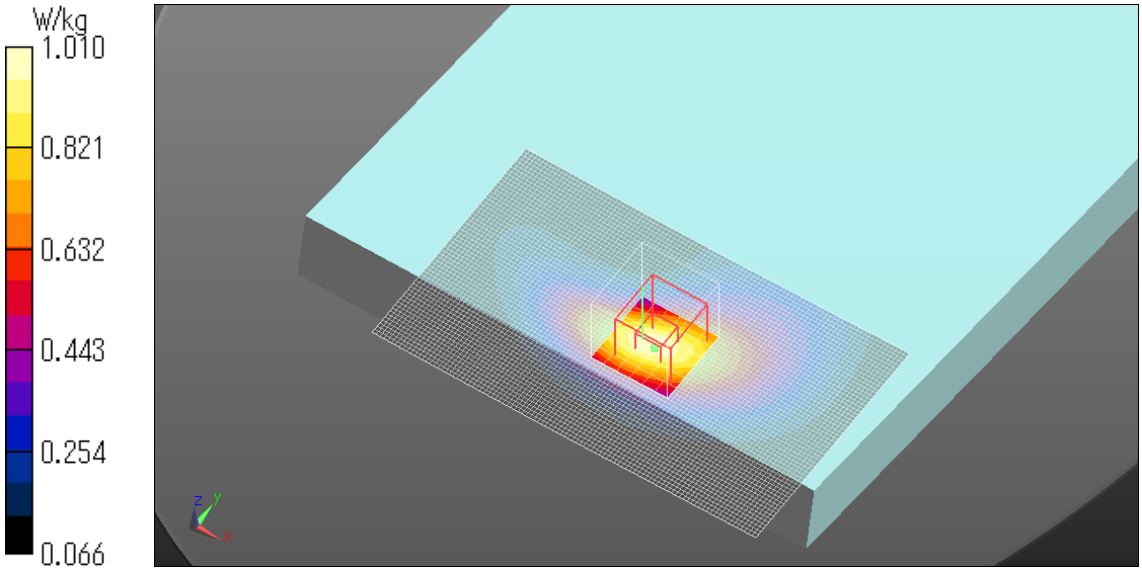
Area Scan (101x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 1.03 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5 mm
Reference Value = 34.73 V/m; Power Drift = 0.21 dB
Peak SAR (extrapolated) = 1.17 W/kg
SAR(1 g) = 0.750 W/kg; SAR(10 g) = 0.488 W/kg
Smallest distance from peaks to all points 3 dB below = 15.2 mm
Ratio of SAR at M2 to SAR at M1 = 64.3 %

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.01 W/kg

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



Plot No L5.2
Band 5_Edge 4_Mod QPSK_Ch 20450_829 MHz_BW 10_RBN. 25_RBP. 0
02_13_2023_Room1 Temp_22.5 deg.C._Liquid Temp_22.5 deg.C(Red)

Communication System info
Communication System: UID 0, #Generic LTE (0)
Communication System Band: Band 5, E-UTRA/FDD (824.0 - 849.0 MHz)Duty Cycle: 1:1
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

Probe info:
Probe: EX3DV4 - SN3917 / Calibrated: 2022/05/17
ConvF(9.71, 9.71, 9.71) @ 829 MHz
Medium parameters used (interpolated): f = 829 MHz; σ = 0.911 S/m; ε_r = 40.009; ρ = 1000 kg/m^3
Sensor-Surface: 1.4mm (Mechanical Surface Detection)

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

Phantom info:
Phantom: ELI v5.0 (20deg probe tilt)/Phantom section: Flat Section
Type: QDOVA001BB
Serial: TP:1203
Software info DASY52 52.10.4(1535) SEMCAD X 14.6.14(7501)

Configuration/Red LTE B5 ch20450 829 MHz QPSK Rear tilt(Edge4) 0 mm 10 MHz RBn25 RBp0/Area Scan (51x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

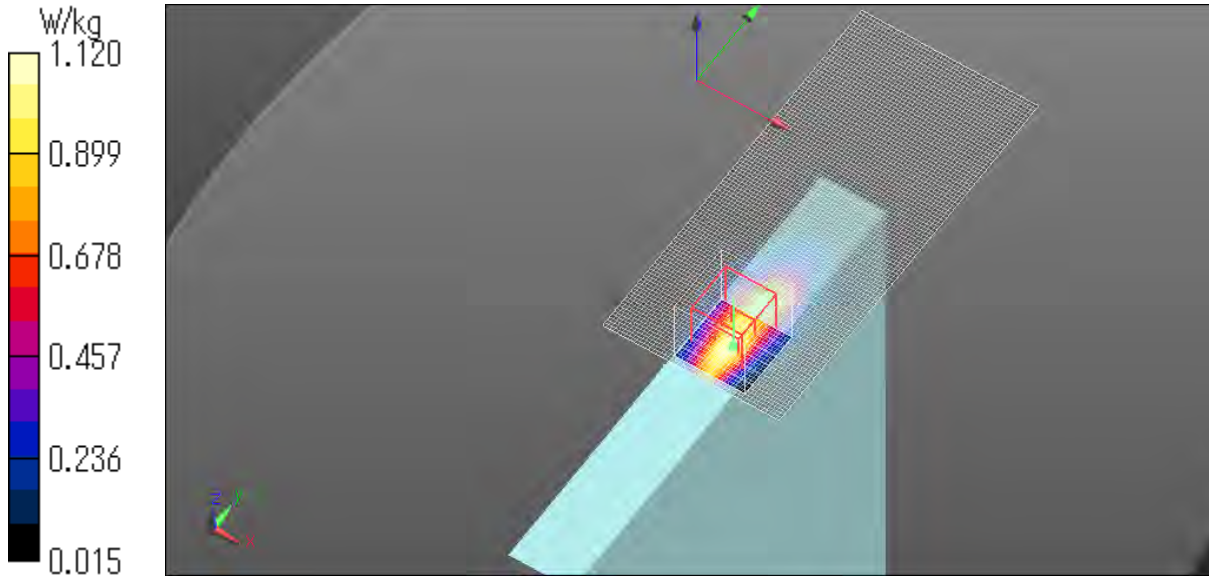
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 1.12 W/kg

Configuration/Red LTE B5 ch20450 829 MHz QPSK Rear tilt(Edge4) 0 mm 10 MHz RBn25 RBp0/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 37.07 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 1.47 W/kg
SAR(1 g) = 0.755 W/kg; SAR(10 g) = 0.374 W/kg
Smallest distance from peaks to all points 3 dB below = 8 mm
Ratio of SAR at M2 to SAR at M1 = 48.7%

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 1.12 W/kg

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



Plot No L7.1
LTE B7 ch21350 2560 MHz QPSK N/A Rear tilt Edge1 0 mm 20 MHz RBn1 RBp0
02_17_2023_Room2 Temp_22.8 deg.C._Liquid Temp_22.5 deg.C

Communication System info
Communication System: UID 0, #Generic LTE (0)
Communication System Band: Band 7, E-UTRA/FDD (2500.0 - 2570.0 MHz)Duty Cycle: 1:1
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

Probe info:
Probe: EX3DV4 - SN3917 / Calibrated: 2022/05/17
ConvF(7.47, 7.47, 7.47) @ 2560 MHz
Medium parameters used: f = 2560 MHz; σ = 1.87 S/m; ε_r = 38.245; ρ = 1000 kg/m^3
Sensor-Surface: 1.4 mm (Mechanical Surface Detection)

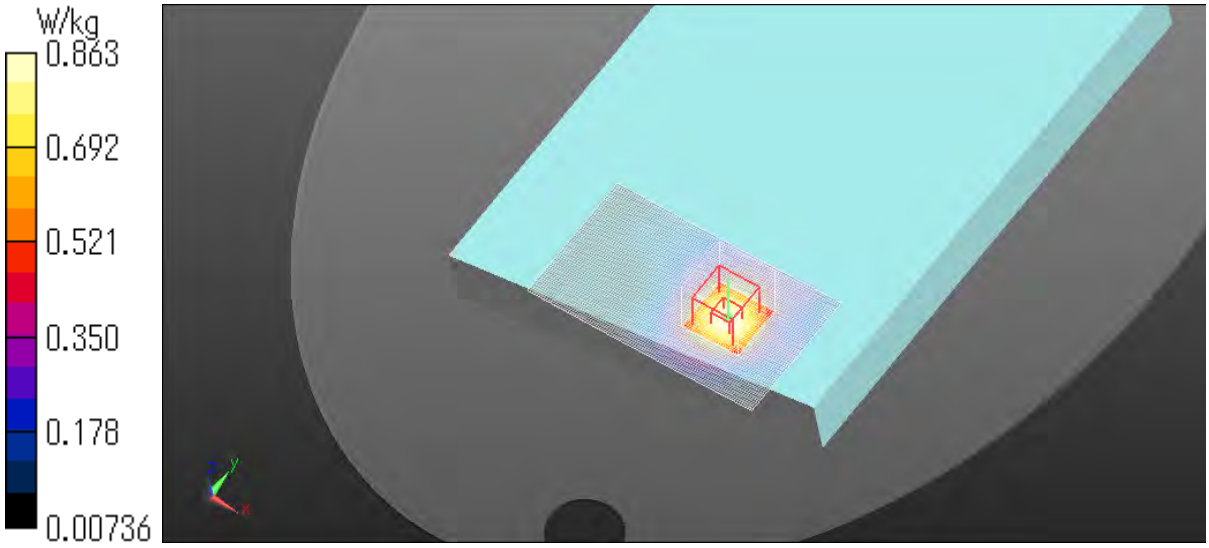
DAE info:
Electronics: DAE4 Sn509 / Calibrated: 2022/07/13

Phantom info:
Phantom: ELI v5.0 TP1207 (30 deg probe tilt)/Phantom section: Flat Section
Type: QDOVA001BB
Serial: TP:1207
Software info DASY52 52.10.4(1535) SEMCAD X 14.6.14(7501)

Area Scan (101x61x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.863 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5 mm
Reference Value = 21.81 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 1.06 W/kg
SAR(1 g) = 0.564 W/kg; SAR(10 g) = 0.312 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 21.9 mm
Ratio of SAR at M2 to SAR at M1 = 51 %
Maximum value of SAR (measured) = 0.863 W/kg

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



Plot No L7.2
LTE B7 ch20850 2510 MHz QPSK N/A Edge4 0 mm 20 MHz RBn50 RBp0
02_16_2023_Room2_N Temp_22.8 deg.C._Liquid Temp_22.5 deg.C

Communication System info
Communication System: UID 0, #Generic LTE (0)
Communication System Band: Band 7, E-UTRA/FDD (2500.0 - 2570.0 MHz)Duty Cycle: 1:1
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

Probe info:
Probe: EX3DV4 - SN3917 / Calibrated: 2022/05/17
ConvF(7.47, 7.47, 7.47) @ 2510 MHz
Medium parameters used: f = 2510 MHz; σ = 1.84 S/m; ε_r = 38.36; ρ = 1000 kg/m^3
Sensor-Surface: 1.4 mm (Mechanical Surface Detection)

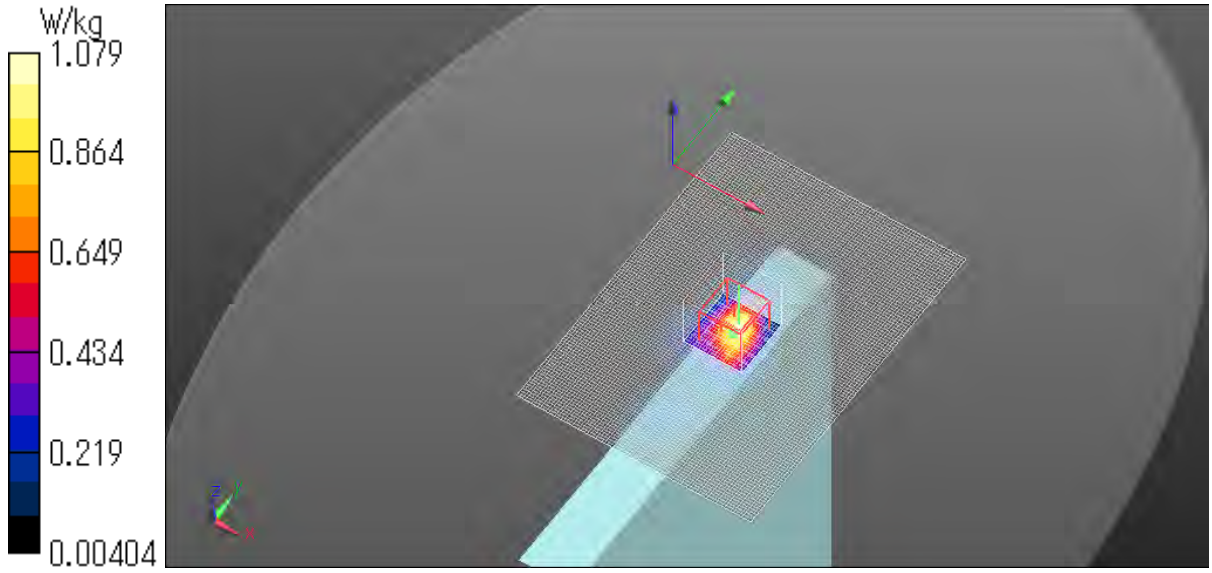
DAE info:
Electronics: DAE4 Sn509 / Calibrated: 2022/07/13

Phantom info:
Phantom: ELI v5.0 TP1207 (30 deg probe tilt)/Phantom section: Flat Section
Type: QDOVA001BB
Serial: TP:1207
Software info DASY52 52.10.4(1535) SEMCAD X 14.6.14(7501)

Area Scan (81x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.997 W/kg

Scan (7x7x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5 mm
Reference Value = 24.23 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 1.38 W/kg
SAR(1 g) = 0.639 W/kg; SAR(10 g) = 0.285 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 = 46.8 %
Maximum value of SAR (measured) = 1.08 W/kg

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



Plot No L12.1
Band 12_Rear tilt(Edge 4 side)_Mod QPSK_Ch 23130_711 MHz_BW 10_RBN. 1_RBP. 49
02_13_2023_Room1 Temp_22.5 deg.C._Liquid Temp_22.5 deg.C

Communication System info
Communication System: UID 0, _Generic LTE (0)
Communication System Band: Band 12, E-UTRA/FDD (698.0 - 716.0 MHz)Duty Cycle: 1:1
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

Probe info:
Probe: EX3DV4 - SN3917 / Calibrated: 2022/05/17
ConvF(10.11, 10.11, 10.11) @ 711 MHz
Medium parameters used (interpolated): f = 711 MHz; σ = 0.875 S/m; ε_r = 40.449; ρ = 1000 kg/m^3
Sensor-Surface: 1.4 mm (Mechanical Surface Detection)

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

Phantom info:
Phantom: ELI v5.0 (20 deg probe tilt)/Phantom section: Flat Section
Type: QDOVA001BB
Serial: TP:1203
Software info DASY52 52.10.4(1535) SEMCAD X 14.6.14(7501)

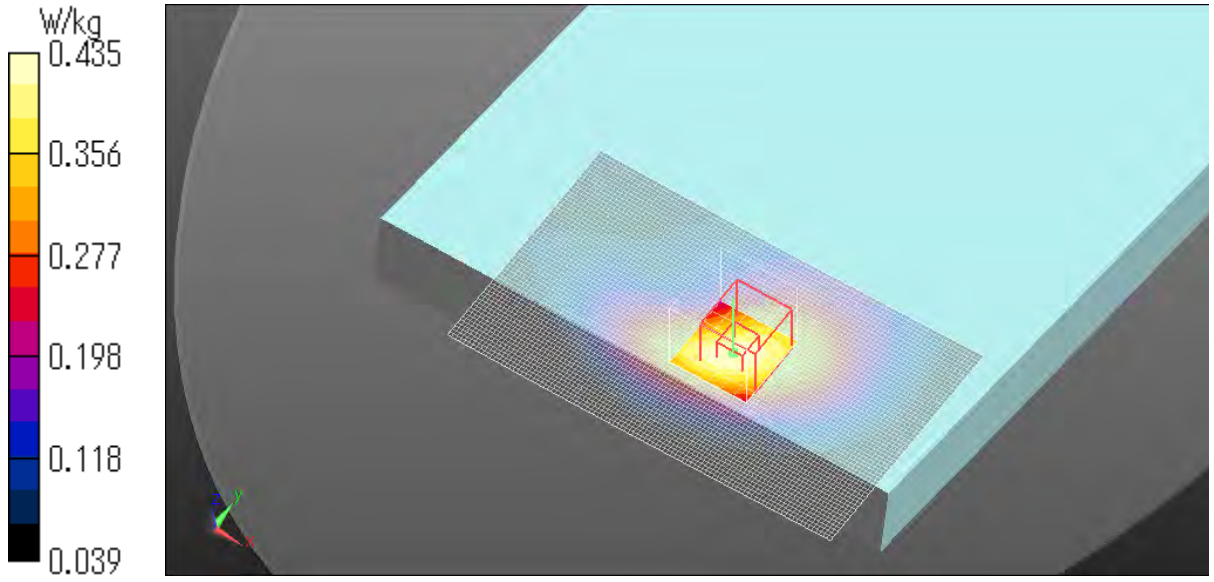
Area Scan (101x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.444 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5 mm
Reference Value = 23.48 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.487 W/kg
SAR(1 g) = 0.338 W/kg; SAR(10 g) = 0.232 W/kg
Smallest distance from peaks to all points 3 dB below = 22.6 mm
Ratio of SAR at M2 to SAR at M1 = 69.8 %

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.435 W/kg

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



Plot No L12.2
LTE B12 ch23060 704 MHz QPSK Edge4 0 mm 10 MHz RBn50 RBp0
02_15_2023_Room2 Temp_22.8 deg.C._Liquid Temp_22.5 deg.C

Communication System info
Communication System: UID 0, _Generic LTE (0)
Communication System Band: Band 12, E-UTRA/FDD (698.0 - 716.0 MHz)Duty Cycle: 1:1
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

Probe info:
Probe: EX3DV4 - SN3917 / Calibrated: 2022/05/17
ConvF(10.11, 10.11, 10.11) @ 704 MHz
Medium parameters used (interpolated): f = 704 MHz; σ = 0.872 S/m; ε_r = 41.683; ρ = 1000 kg/m^3
Sensor-Surface: 1.4 mm (Mechanical Surface Detection)

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

Phantom info:
Phantom: ELI v5.0 TP1207 (30 deg probe tilt)/Phantom section: Flat Section
Type: QDOVA001BB
Serial: TP:1207
Software info DASY52 52.10.4(1535) SEMCAD X 14.6.14(7501)

Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

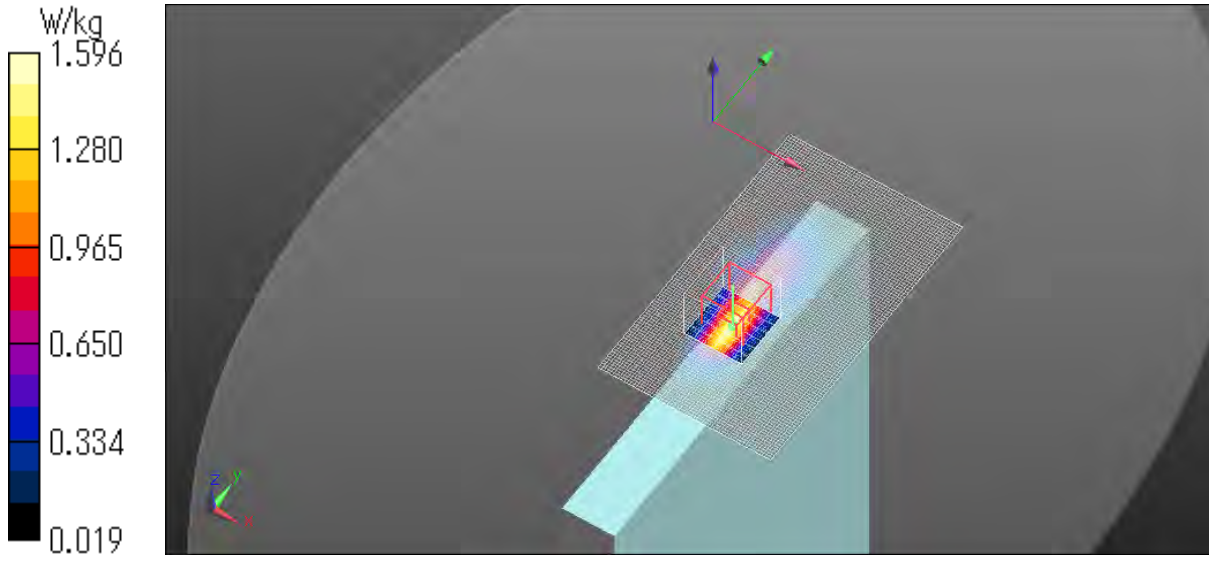
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 1.27 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5 mm
Reference Value = 45.38 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 2.21 W/kg
SAR(1 g) = 0.881 W/kg; SAR(10 g) = 0.430 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 7 mm
Ratio of SAR at M2 to SAR at M1 = 41.4 %

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 1.60 W/kg

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



Plot No L13.1
Band 13_Rear tilt(Edge 4 side)_Mod QPSK_Ch 23230_782 MHz_BW 10_RBN. 1_RBP. 0
02_13_2023_Room1 Temp_22.5 deg.C._Liquid Temp_22.5 deg.C

Communication System info
Communication System: UID 0, _Generic LTE (0)
Communication System Band: Band 13, E-UTRA/FDD (777.0 - 787.0 MHz)Duty Cycle: 1:1
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

Probe info:
Probe: EX3DV4 - SN3917 / Calibrated: 2022/05/17
ConvF(10.11, 10.11, 10.11) @ 782 MHz
Medium parameters used (interpolated): f = 782 MHz; σ = 0.896 S/m; ε_r = 40.203; ρ = 1000 kg/m^3
Sensor-Surface: 1.4 mm (Mechanical Surface Detection)

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

Phantom info:
Phantom: ELI v5.0 (20 deg probe tilt)/Phantom section: Flat Section
Type: QDOVA001BB
Serial: TP:1203
Software info DASY52 52.10.4(1535) SEMCAD X 14.6.14(7501)

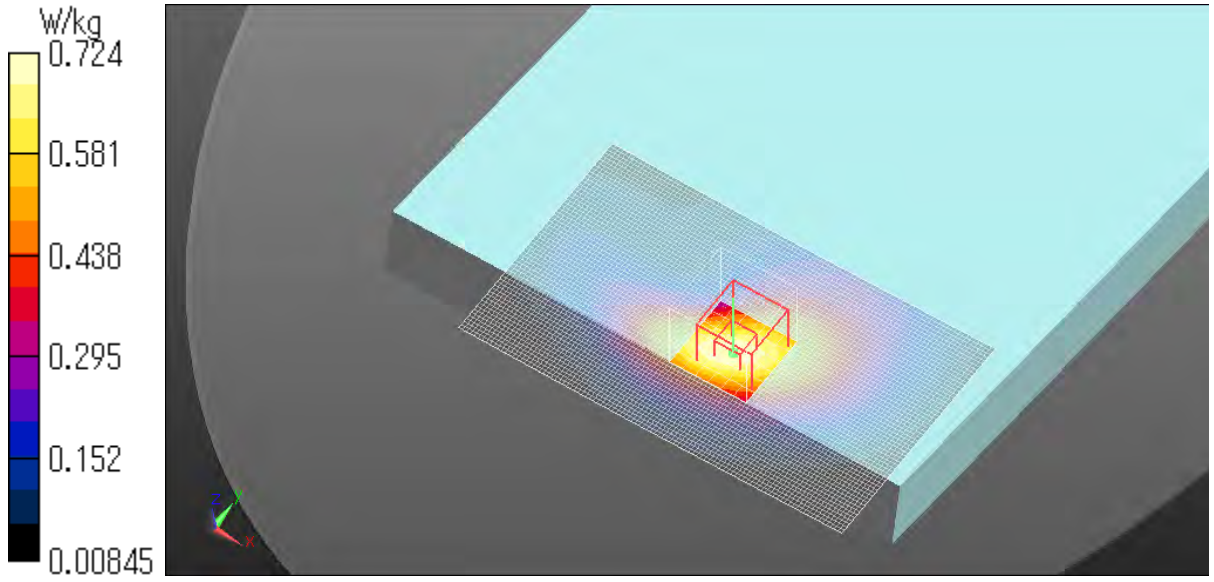
Area Scan (101x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.724 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5 mm
Reference Value = 30.03 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.813 W/kg
SAR(1 g) = 0.555 W/kg; SAR(10 g) = 0.374 W/kg
Smallest distance from peaks to all points 3 dB below = 17.7 mm
Ratio of SAR at M2 to SAR at M1 = 68.5 %

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.727 W/kg

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



Plot No L13.2
Band 13_Edge 4_Mod QPSK_Ch 23230_782 MHz_BW 10_RBN. 1_RBP. 0
02_16_2023_Room1 Temp_22.0 deg.C._Liquid Temp_22.0 deg.C(Red)

Communication System info
Communication System: UID 0, #Generic LTE (0)
Communication System Band: Band 13, E-UTRA/FDD (777.0 - 787.0 MHz)Duty Cycle: 1:1.5787
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

Probe info:
Probe: EX3DV4 - SN3825 / Calibrated: 2022/07/20
ConvF(9.83, 9.83, 9.83) @ 782 MHz
Medium parameters used (interpolated): f = 782 MHz; σ = 0.925 S/m; ε_r = 43.092; ρ = 1000 kg/m^3
Sensor-Surface: 1.4mm (Mechanical Surface Detection)

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

Phantom info:
Phantom: ELI v5.0 (20deg probe tilt)/Phantom section: Flat Section
Type: QDOVA001BB
Serial: TP:1203
Software info DASY52 52.10.3(1513) SEMCAD X 14.6.13(7474)

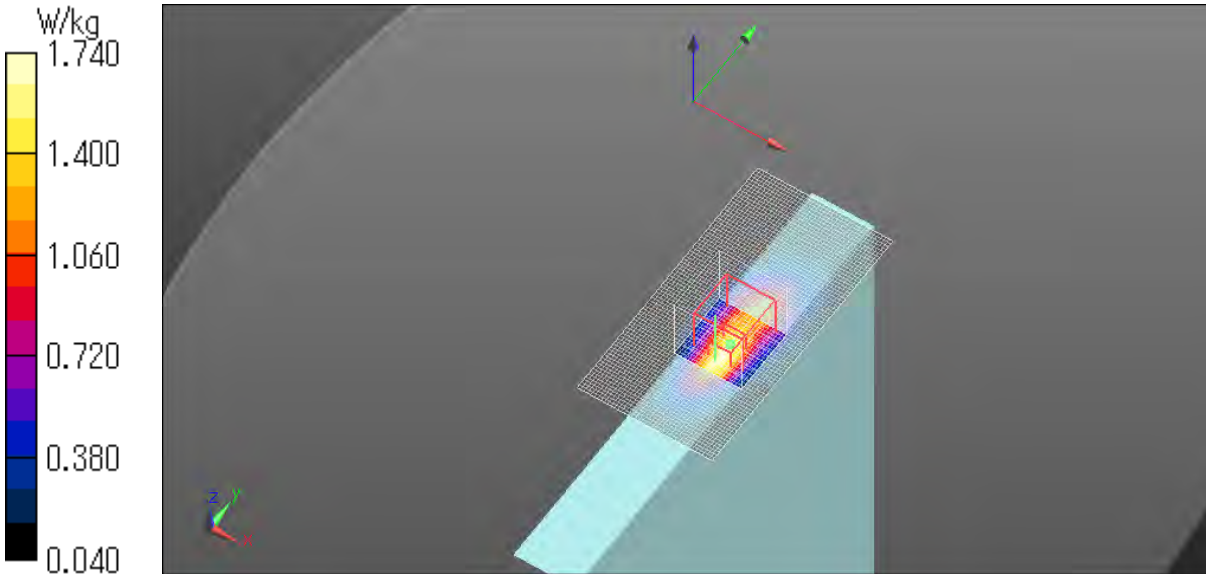
Area Scan (41x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 1.39 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 43.71 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 2.40 W/kg
SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.531 W/kg
Smallest distance from peaks to all points 3 dB below = 7 mm
Ratio of SAR at M2 to SAR at M1 = 42.7%

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.74 W/kg

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



Plot No L14.1
Band 14_Rear tilt(Edge 4 side)_Mod QPSK_Ch 23330_793 MHz_BW 10_RBN. 1_RBP.0
02_13_2023_Room1 Temp_22.5 deg.C._Liquid Temp_22.5 deg.C

Communication System info
Communication System: UID 0, #Generic LTE (0)
Communication System Band: Band 14, E-UTRA/FDD (788.0 - 798.0 MHz)Duty Cycle: 1:1
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

Probe info:
Probe: EX3DV4 - SN3917 / Calibrated: 2022/05/17
ConvF(10.11, 10.11, 10.11) @ 793 MHz
Medium parameters used (interpolated): f = 793 MHz; σ = 0.899 S/m; ε_r = 40.151; ρ = 1000 kg/m^3
Sensor-Surface: 1.4 mm (Mechanical Surface Detection)

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

Phantom info:
Phantom: ELI v5.0 (20 deg probe tilt)/Phantom section: Flat Section
Type: QDOVA001BB
Serial: TP:1203
Software info DASY52 52.10.4(1535) SEMCAD X 14.6.14(7501)

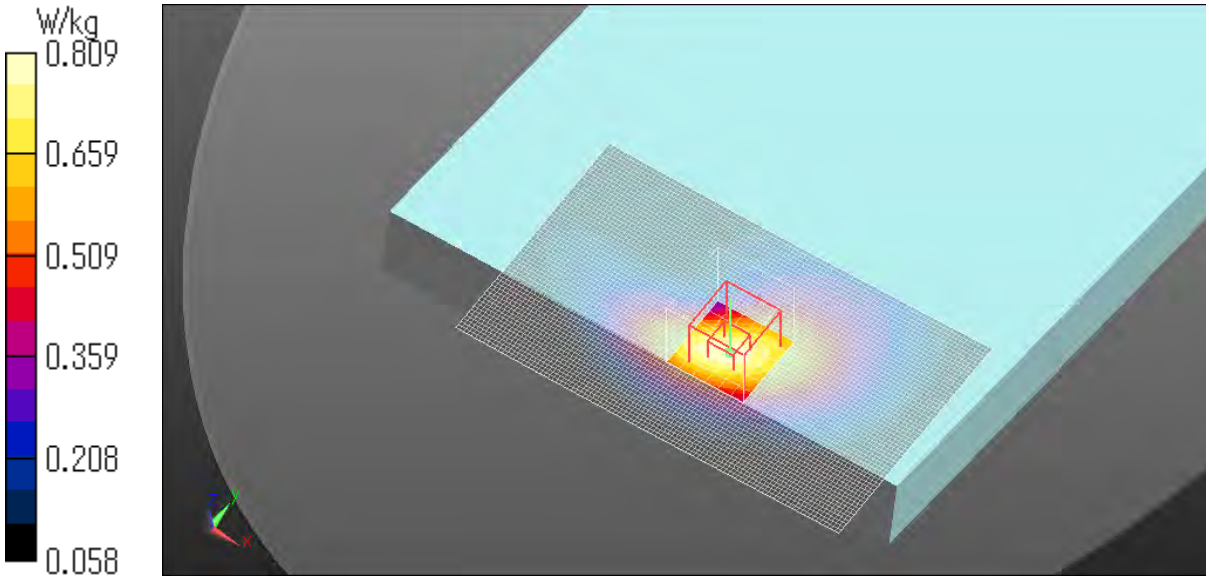
Area Scan (101x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.803 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5 mm
Reference Value = 31.53 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.906 W/kg
SAR(1 g) = 0.614 W/kg; SAR(10 g) = 0.412 W/kg
Smallest distance from peaks to all points 3 dB below = 17 mm
Ratio of SAR at M2 to SAR at M1 = 68 %

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.809 W/kg

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



Plot No L14.2
Band 14_Edge 4_Mod QPSK_Ch 23330_793 MHz_BW 10_RBN. 25_RBP. 12
02_15_2023_Room1 Temp_22.0 deg.C._Liquid Temp_22.0 deg.C(Red)

Communication System info
Communication System: UID 0, #Generic LTE (0)
Communication System Band: Band 14, E-UTRA/FDD (788.0 - 798.0 MHz)Duty Cycle: 1:1.5787
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

Probe info:
Probe: EX3DV4 - SN3825 / Calibrated: 2022/07/20
ConvF(9.83, 9.83, 9.83) @ 793 MHz
Medium parameters used (interpolated): f = 793 MHz; σ = 0.93 S/m; ε_r = 43.069; ρ = 1000 kg/m^3
Sensor-Surface: 1.4 mm (Mechanical Surface Detection)

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

Phantom info:
Phantom: ELI v5.0 (20 deg probe tilt)/Phantom section: Flat Section
Type: QDOVA001BB
Serial: TP:1203
Software info DASY52 52.10.3(1513) SEMCAD X 14.6.13(7474)

Area Scan (41x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

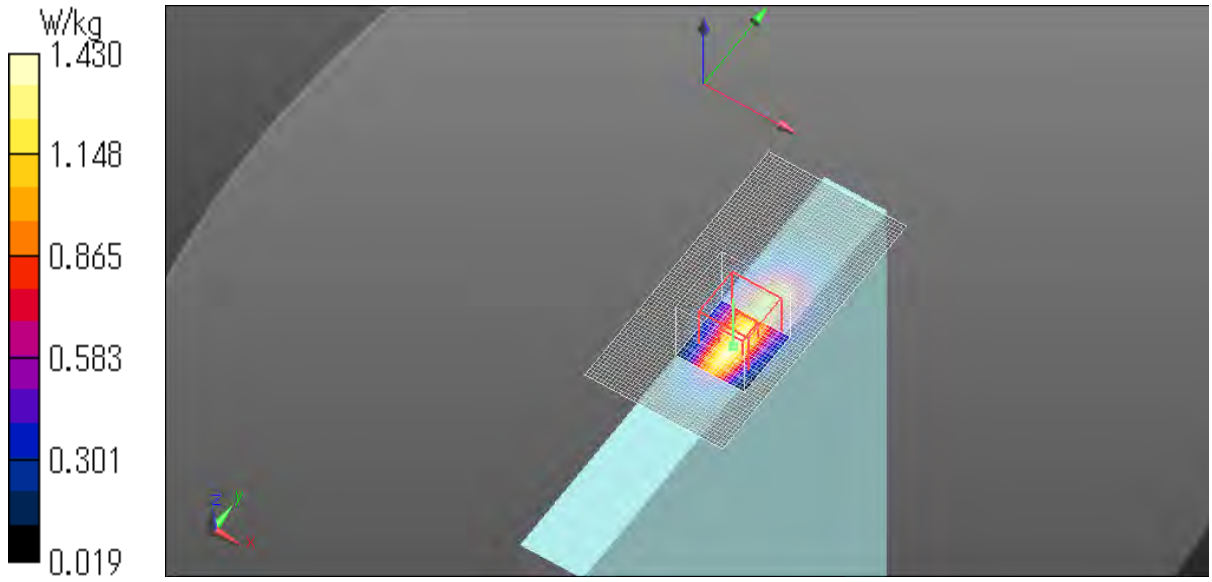
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 1.15 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5 mm
Reference Value = 40.68 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 1.96 W/kg
SAR(1 g) = 0.833 W/kg; SAR(10 g) = 0.433 W/kg
Smallest distance from peaks to all points 3 dB below = 7.3 mm
Ratio of SAR at M2 to SAR at M1 = 44.5 %

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 1.43 W/kg

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



Plot No L26.1
Band 26_Rear tilt(Edge 4 side)_Mod QPSK_Ch 26865_831.5 MHz_BW 10_RBN. 1_RBP. 37
02_13_2023_Room1 Temp_22.5 deg.C._Liquid Temp_22.5 deg.C

Communication System info
Communication System: UID 0, #Generic LTE (0)
Communication System Band: Band 26, E-UTRA/FDD (814.0 - 849.0 MHz)Duty Cycle: 1:1
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

Probe info:
Probe: EX3DV4 - SN3917 / Calibrated: 2022/05/17
ConvF(9.71, 9.71, 9.71) @ 831.5 MHz
Medium parameters used (interpolated): f = 831.5 MHz; σ = 0.912 S/m; ε_r = 40.002; ρ = 1000 kg/m^3
Sensor-Surface: 1.4 mm (Mechanical Surface Detection)

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

Phantom info:
Phantom: ELI v5.0 (20 deg probe tilt)/Phantom section: Flat Section
Type: QDOVA001BB
Serial: TP:1203
Software info DASY52 52.10.4(1535) SEMCAD X 14.6.14(7501)

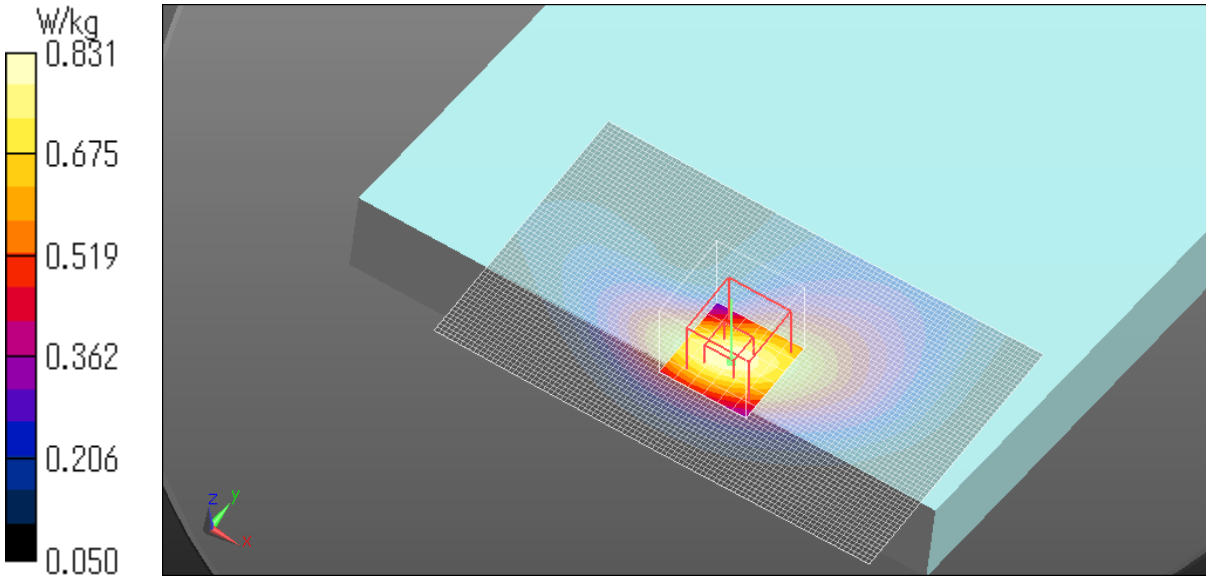
Area Scan (101x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.841 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5 mm
Reference Value = 31.74 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.938 W/kg
SAR(1 g) = 0.622 W/kg; SAR(10 g) = 0.406 W/kg
Smallest distance from peaks to all points 3 dB below = 15.3 mm
Ratio of SAR at M2 to SAR at M1 = 66.6 %

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.831 W/kg

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



Plot No L26.2
LTE B26 ch26965 841.5 MHz QPSK Edge4 0 mm 15 MHz RBn75 RBp0
02_15_2023_Room2 Temp_22.8 deg.C._Liquid Temp_22.5 deg.C

Communication System info
Communication System: UID 0, #Generic LTE (0)
Communication System Band: Band 26, E-UTRA/FDD (814.0 - 849.0 MHz)Duty Cycle: 1:1
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

Probe info:
Probe: EX3DV4 - SN3917 / Calibrated: 2022/05/17
ConvF(9.71, 9.71, 9.71) @ 841.5 MHz
Medium parameters used (interpolated): f = 841.5 MHz; σ = 0.893 S/m; ε_r = 41.657; ρ = 1000 kg/m^3
Sensor-Surface: 1.4 mm (Mechanical Surface Detection)

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

Phantom info:
Phantom: ELI v5.0 TP1207 (30 deg probe tilt)/Phantom section: Flat Section
Type: QDOVA001BB
Serial: TP:1207
Software info DASY52 52.10.4(1535) SEMCAD X 14.6.14(7501)

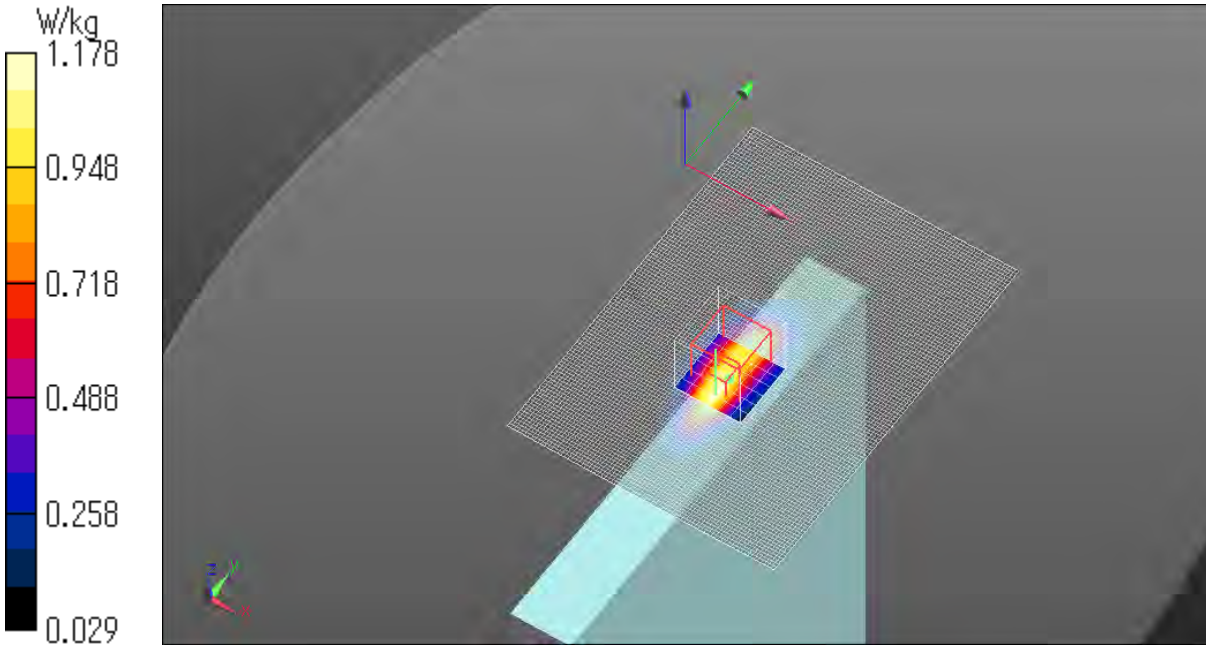
Area Scan (81x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 1.09 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5 mm
Reference Value = 37.30 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 1.54 W/kg
SAR(1 g) = 0.735 W/kg; SAR(10 g) = 0.398 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 %

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.18 W/kg

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



Plot No L41.1
LTE B41 ch41490 2680.0MHz QPSK NA Rear tilt(Edge4) 9 mm 20MHz RBn1 RBp0
02_16_2023_Room2 Temp_22.8 deg.C._Liquid Temp_22.5 deg. TDDC

Communication System info
Communication System: UID 0, _Generic LTE (0)
Communication System Band: Band 41, E-UTRA/TDD (2496.0 - 2690.0 MHz)Duty Cycle: 1:1.5787
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

Probe info:
Probe: EX3DV4 - SN3917 / Calibrated: 2022/05/17
ConvF(7.47, 7.47, 7.47) @ 2680 MHz
Medium parameters used: f = 2680 MHz; σ = 1.964 S/m; ε_r = 38.107; ρ = 1000 kg/m^3
Sensor-Surface: 1.4 mm (Mechanical Surface Detection)

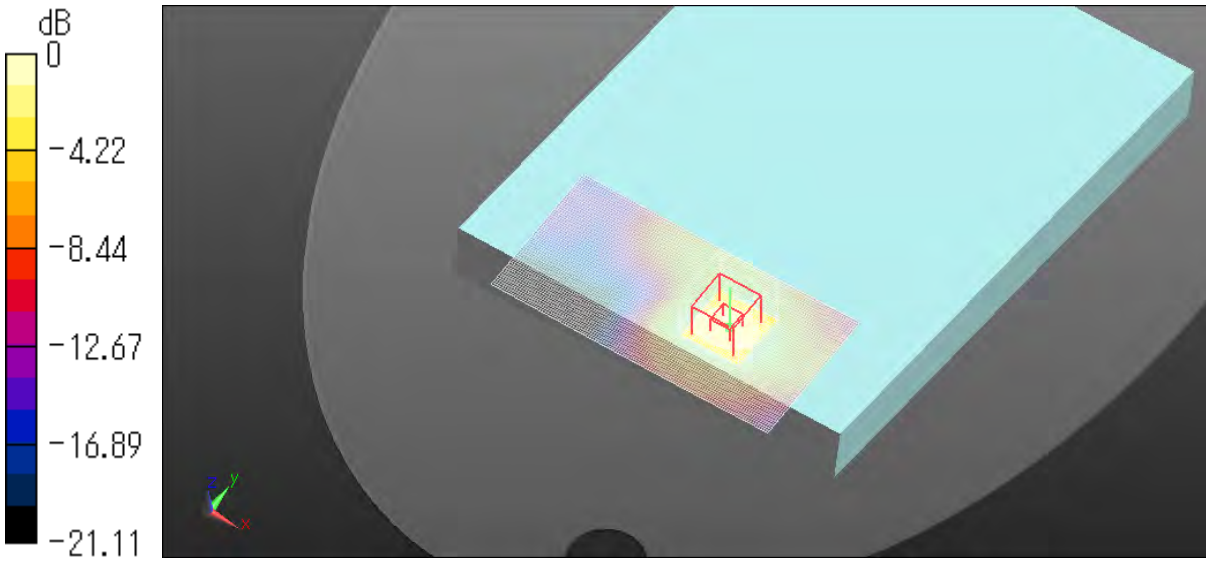
DAE info:
Electronics: DAE4 Sn509 / Calibrated: 2022/07/13

Phantom info:
Phantom: ELI v5.0 TP1207 (30 deg probe tilt)/Phantom section: Flat Section
Type: QDOVA001BB
Serial: TP:1207
Software info DASY52 52.10.4(1535) SEMCAD X 14.6.14(7501)

Area Scan (121x61x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.642 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5 mm
Reference Value = 18.41 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.798 W/kg
SAR(1 g) = 0.410 W/kg; SAR(10 g) = 0.219 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 19.1 mm
Ratio of SAR at M2 to SAR at M1 = 49.2 %
Maximum value of SAR (measured) = 0.637 W/kg

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



Plot No L41.2
LTE B41 ch41055 2636.5MHz QPSK NA Edge4 0 mm 20MHz RBn1 RBp0
02_20_2023_Red_Room2_N Temp_22.3 deg.C._Liquid Temp_21.8 deg.C

Communication System info
Communication System: UID 0, _Generic LTE (0)
Communication System Band: Band 41, E-UTRA/TDD (2496.0 - 2690.0 MHz)Duty Cycle: 1:1.5787
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

Probe info:
Probe: EX3DV4 - SN3917 / Calibrated: 2022/05/17
ConvF(7.47, 7.47, 7.47) @ 2636.5 MHz
Medium parameters used (interpolated): f = 2636.5 MHz; σ = 1.921 S/m; ε_r = 37.91; ρ = 1000 kg/m^3
Sensor-Surface: 1.4 mm (Mechanical Surface Detection)

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

Phantom info:
Phantom: ELI v5.0 TP1207 (30 deg probe tilt)/Phantom section: Flat Section
Type: QDOVA001BB
Serial: TP:1207
Software info DASY52 52.10.4(1535) SEMCAD X 14.6.14(7501)

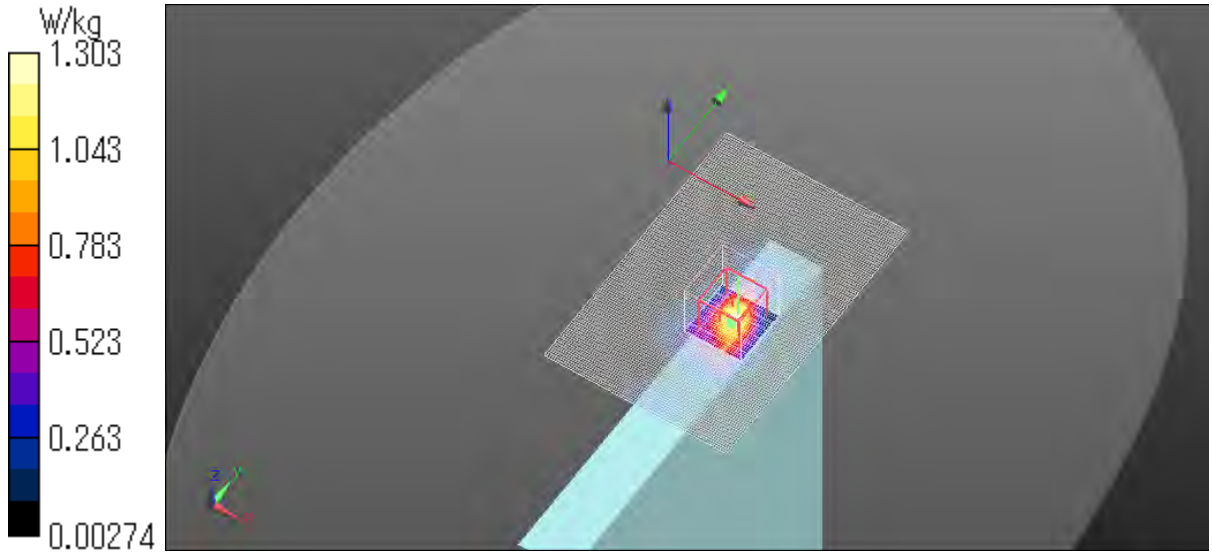
Area Scan (81x121x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 1.30 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5 mm
Reference Value = 26.33 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 1.69 W/kg
SAR(1 g) = 0.766 W/kg; SAR(10 g) = 0.328 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 = 46.5 %

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.30 W/kg

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



Plot No L48.1
LTE B48 ch55340 3560 MHz QPSK NA edge4 19 mm 20 MHz RBn1 RBp0
02_13_2023_Room2 Temp_19.3 deg.C._Liquid Temp_19.0 deg.C

Communication System info
Communication System: UID 0, #Generic LTE (0)
Communication System Band: Band 48, E-UTRA/TDD (3550.0 - 3700.0 MHz)Duty Cycle: 1:1.5787
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

Probe info:
Probe: EX3DV4 - SN3825 / Calibrated: 2022/07/20
ConvF(6.63, 6.63, 6.63) @ 3560 MHz
Medium parameters used: f = 3560 MHz; σ = 2.833 S/m; ε_r = 38.92; ρ = 1000 kg/m^3
Sensor-Surface: 1.4 mm (Mechanical Surface Detection)

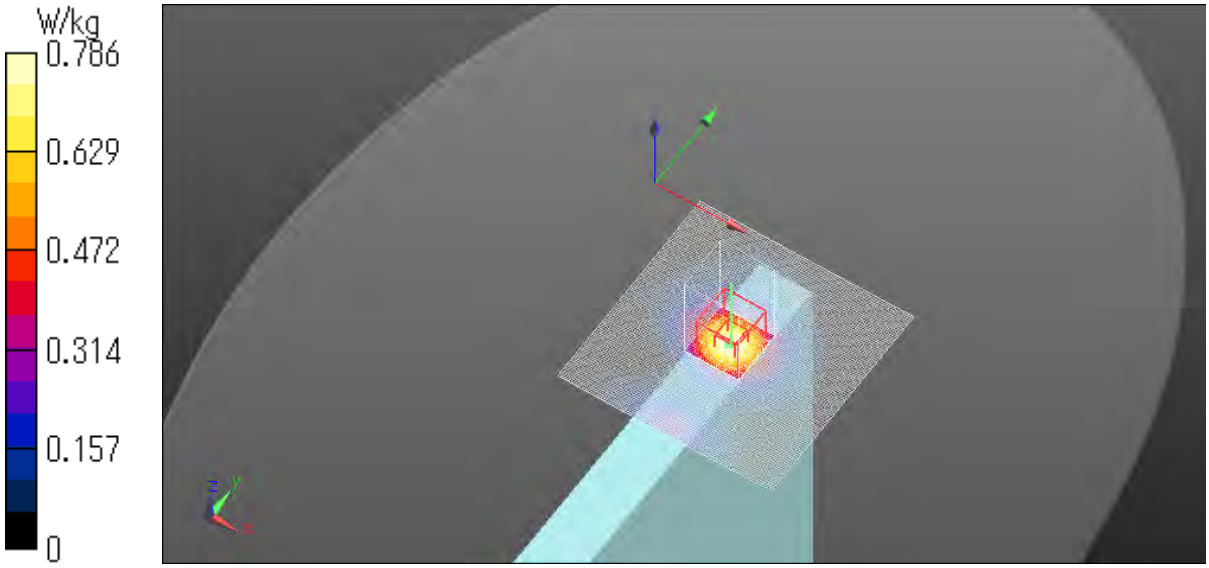
DAE info:
Electronics: DAE4 Sn1369 / Calibrated: 2022/05/09

Phantom info:
Phantom: ELI v5.0 TP1207 (30 deg probe tilt)/Phantom section: Flat Section
Type: QDOVA001BB
Serial: TP:1207
Software info DASY52 52.10.4(1535) SEMCAD X 14.6.14(7501)

Area Scan (101x101x1): Interpolated grid: dx=1.100 mm, dy=1.100 mm
Maximum value of SAR (interpolated) = 0.801 W/kg

Zoom Scan (8x8x9)/Cube 0: Measurement grid: dx=4 mm, dy=4 mm, dz=1.4 mm
Reference Value = 17.69 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.06 W/kg
SAR(1 g) = 0.450 W/kg; SAR(10 g) = 0.210 W/kg
Smallest distance from peaks to all points 3 dB below = 14.7 mm
Ratio of SAR at M2 to SAR at M1 = 75.8 %
Maximum value of SAR (measured) = 0.786 W/kg

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



Plot No L48.2
LTE B48 ch56207 3646.7 MHz QPSK NA Edge4 0 mm 20MHz RBn50 RBp0
02_24_2023_Room2 Temp_20.5 deg.C._Liquid Temp_20.0 deg.C

Communication System info
Communication System: UID 0, #Generic LTE (0)
Communication System Band: Band 48, E-UTRA/TDD (3550.0 - 3700.0 MHz)Duty Cycle: 1:1.5787
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

Probe info:
Probe: EX3DV4 - SN3917 / Calibrated: 2022/05/17
ConvF(6.6, 6.6, 6.6) @ 3646.7 MHz
Medium parameters used (interpolated): f = 3646.7 MHz; σ = 3.085 S/m; ε_r = 38.034; ρ = 1000 kg/m^3
Sensor-Surface: 1.4 mm (Mechanical Surface Detection)

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

Phantom info:
Phantom: ELI v5.0 TP1207 (30 deg probe tilt)/Phantom section: Flat Section
Type: QDOVA001BB
Serial: TP:1207
Software info DASY52 52.10.4(1535) SEMCAD X 14.6.14(7501)

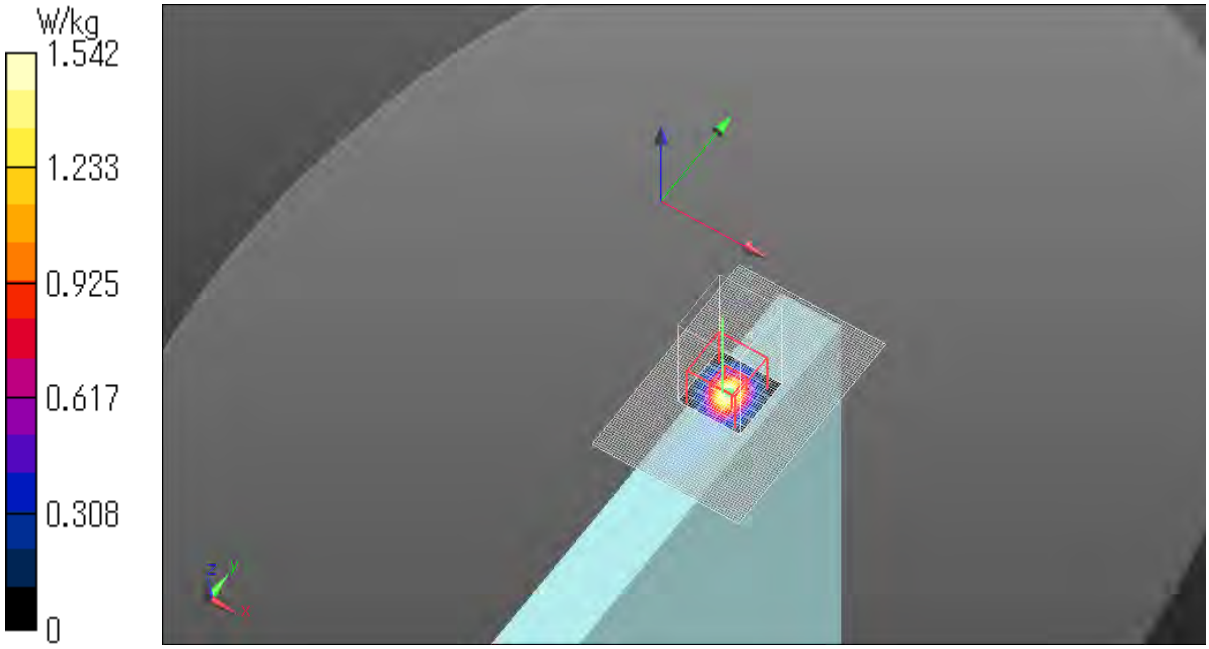
Area Scan (61x91x1): Interpolated grid: dx=1.100 mm, dy=1.100 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 1.86 W/kg

Zoom Scan (8x8x9)/Cube 0: Measurement grid: dx=4 mm, dy=4 mm, dz=1.4 mm
Reference Value = 24.39 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 2.19 W/kg
SAR(1 g) = 0.779 W/kg; SAR(10 g) = 0.229 W/kg
Smallest distance from peaks to all points 3 dB below = 6.4 mm
Ratio of SAR at M2 to SAR at M1 = 76.2 %

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.54 W/kg

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



Plot No L66.1
Band 66_Rear tilt(Edge 4 side)_Mod QPSK_Ch 132072_1720 MHz_BW 20_RBN. 1_RBP. 0
02_22_2023_Room1 Temp_22.5 deg.C._Liquid Temp_22.25 deg.C

Communication System info
Communication System: UID 0, #Generic LTE (0)
Communication System Band: Band 66, E-UTRA/FDD (1710.0 - 1780.0 MHz)Duty Cycle: 1:1
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

Probe info:
Probe: EX3DV4 - SN3825 / Calibrated: 2022/07/20
ConvF(8.66, 8.66, 8.66) @ 1720 MHz
Medium parameters used: f = 1720 MHz; σ = 1.303 S/m; ε_r = 40.641; ρ = 1000 kg/m^3
Sensor-Surface: 1.4 mm (Mechanical Surface Detection)

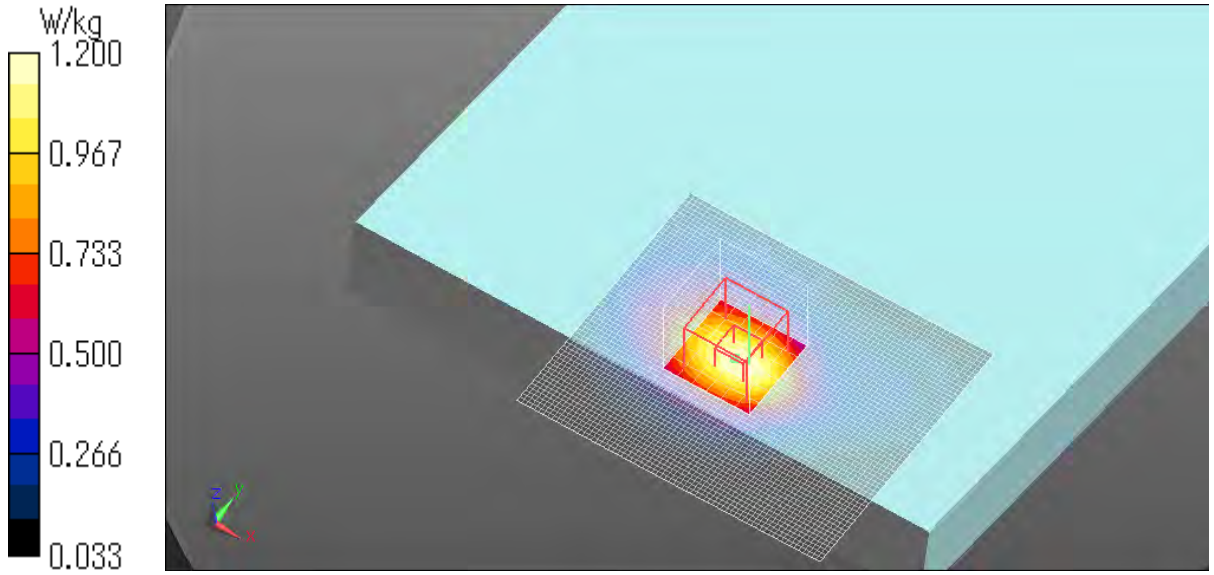
DAE info:
Electronics: DAE4 Sn1369 / Calibrated: 2022/05/09

Phantom info:
Phantom: ELI v5.0 (20 deg probe tilt)/Phantom section: Flat Section
Type: QDOVA001BB
Serial: TP:1203
Software info DASY52 52.10.3(1513) SEMCAD X 14.6.13(7474)

Area Scan (71x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.20 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5 mm
Reference Value = 31.04 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 1.41 W/kg
SAR(1 g) = 0.856 W/kg; SAR(10 g) = 0.518 W/kg
Smallest distance from peaks to all points 3 dB below = 16.2 mm
Ratio of SAR at M2 to SAR at M1 = 60.6 %
Maximum value of SAR (measured) = 1.20 W/kg

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



Plot No L66.2
LTE B66 ch132072 1720 MHz QPSK Edge4 0 mm 20 MHz RBn1 RBp0
02_16_2023_Room2_N Temp_22.8 deg.C._Liquid Temp_22.5 deg.C

Communication System info
Communication System: UID 0, _Generic LTE (0)
Communication System Band: Band 66, E-UTRA/FDD (1710.0 - 1780.0 MHz)Duty Cycle: 1:1
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

Probe info:
Probe: EX3DV4 - SN3917 / Calibrated: 2022/05/17
ConvF(8.4, 8.4, 8.4) @ 1720 MHz
Medium parameters used: f = 1720 MHz; σ = 1.309 S/m; ε_r = 39.429; ρ = 1000 kg/m^3
Sensor-Surface: 1.4 mm (Mechanical Surface Detection)

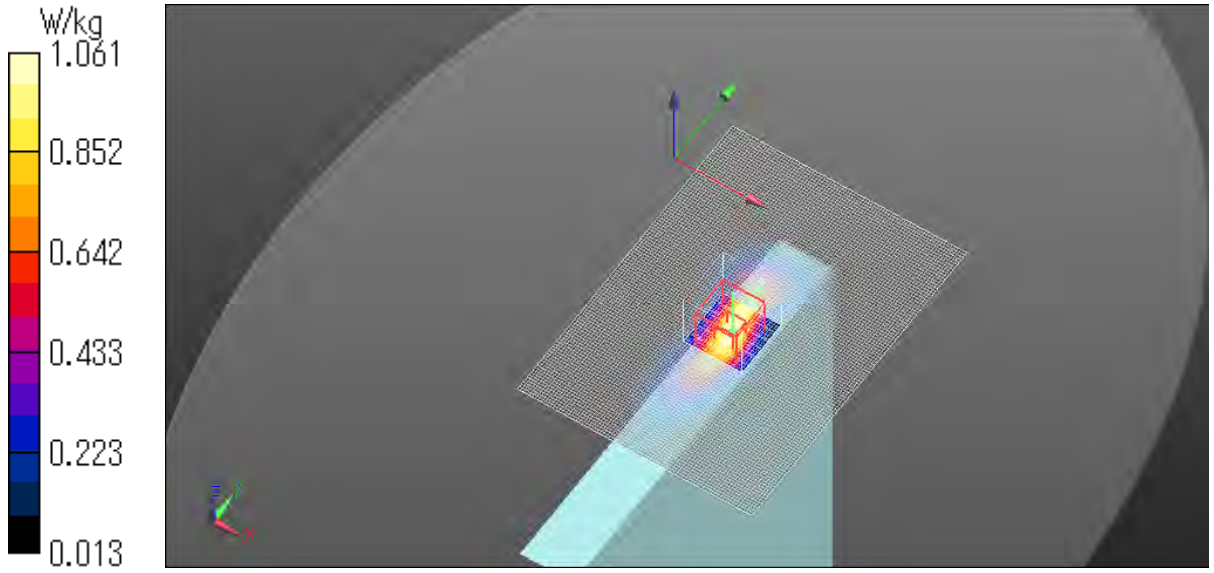
DAE info:
Electronics: DAE4 Sn509 / Calibrated: 2022/07/13

Phantom info:
Phantom: ELI v5.0 TP1207 (30 deg probe tilt)/Phantom section: Flat Section
Type: QDOVA001BB
Serial: TP:1207
Software info DASY52 52.10.4(1535) SEMCAD X 14.6.14(7501)

Scan (81x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.05 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5 mm
Reference Value = 29.17 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 1.35 W/kg
SAR(1 g) = 0.684 W/kg; SAR(10 g) = 0.344 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 = 52.6 %
Maximum value of SAR (measured) = 1.06 W/kg

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



Plot No PD6E.M

Measurement Report for Device, BACK, U-NII-8, UID 10755 AAC, Channel 207 (6985.0 MHz)

Device under Test Properties

Name, Manufacturer	Dimensions [mm]	IMEI	DUT Type
, Device	200.0 x 280.0 x 25.0		Phone

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	BACK, 2.00	U-NII-8	WLAN, 10755-AAC	6985.0, 207	1.0

Hardware Setup

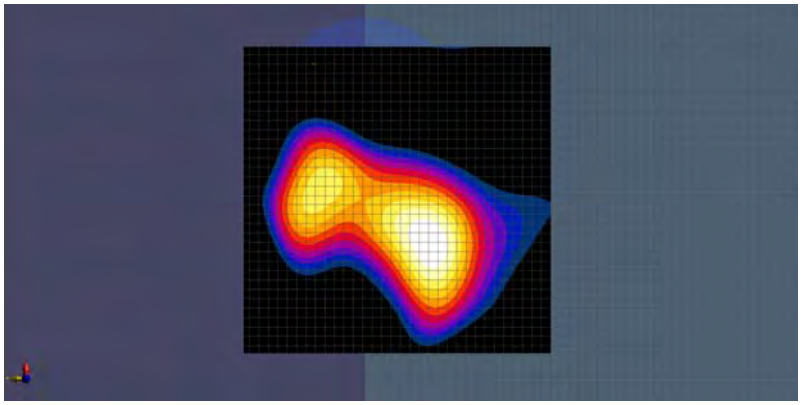
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 1038	---Air	EUmmWV4 - SN9450_F1-55GHz, 2022-11-17	DAE4 Sn509, 2022-07-13

Scan Setup

	5G Scan
Grid Extents [mm]	30.0 x 30.0
Grid Steps [lambda]	0.04 x 0.04
Sensor Surface [mm]	2.0
MAIA	Y

Measurement Results

	5G Scan
Date	2023-03-03, 12:43
Avg. Area [cm^2]	4.00
pS_{tot} avg [W/m^2]	0.953
pS_n avg [W/m^2]	0.506
E_{peak} [V/m]	23.8
Power Drift [dB]	0.16



Repeat SAR Measurement data

Plot No PR 1
Red WCDMA B2 ch9262 1852.4 MHz Rel99 Edge4 0 mm
(Repeat)02_27_2023_Room1 Temp_22.5 deg.C._Liquid Temp_22.3 deg.C

Communication System info
Communication System: UID 0, #WCDMA (0)
Communication System Band: Band IIDuty Cycle: 1:1
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

Probe info:
Probe: EX3DV4 - SN3825 / Calibrated: 2022/07/20
ConvF(8.36, 8.36, 8.36) @ 1852.4 MHz
Medium parameters used (interpolated): f = 1852.4 MHz; σ = 1.368 S/m; ε_r = 40.189; ρ = 1000 kg/m^3
Sensor-Surface: 1.4 mm (Mechanical Surface Detection)

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

Phantom info:
Phantom: ELI v5.0 (20 deg probe tilt)/Phantom section: Flat Section
Type: QDOVA001BB
Serial: TP:1203
Software info DASY52 52.10.4(1535) SEMCAD X 14.6.14(7501)

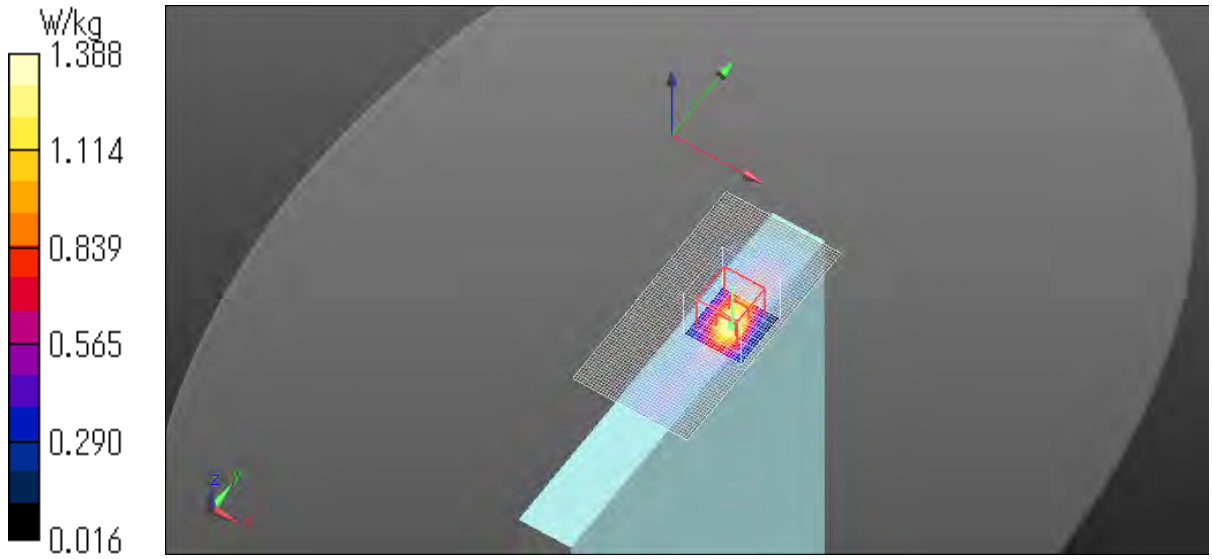
Area Scan (41x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 1.43 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5 mm
Reference Value = 32.95 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.71 W/kg
SAR(1 g) = 0.875 W/kg; SAR(10 g) = 0.428 W/kg
Smallest distance from peaks to all points 3 dB below = 8.2 mm
Ratio of SAR at M2 to SAR at M1 = 53.1 %

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.39 W/kg

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



Plot No PR 2
Full WCDMA B4 ch1513 1752.6 MHz RMC Rear tilt (Edge4) 9 mm
02_24_2023_Room1 Temp_22.5 deg.C._Liquid Temp_22.3 deg.C

Communication System info
Communication System: UID 0, #Generic LTE (0)
Communication System Band: Band 66, E-UTRA/FDD (1710.0 - 1780.0 MHz)Duty Cycle: 1:1
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

Probe info:
Probe: EX3DV4 - SN3825 / Calibrated: 2022/07/20
ConvF(8.66, 8.66, 8.66) @ 1745 MHz
Medium parameters used: f = 1745 MHz; σ = 1.311 S/m; ε_r = 40.407; ρ = 1000 kg/m^3
Sensor-Surface: 1.4 mm (Mechanical Surface Detection)

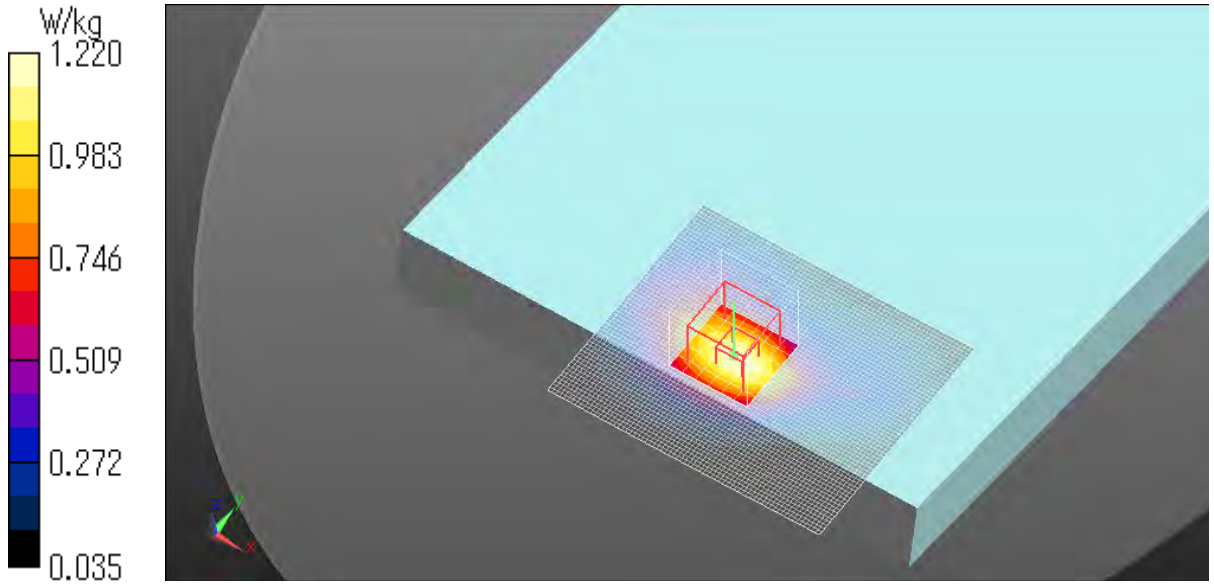
DAE info:
Electronics: DAE4 Sn1369 / Calibrated: 2022/05/09

Phantom info:
Phantom: ELI v5.0 (20 deg probe tilt)/Phantom section: Flat Section
Type: QDOVA001BB
Serial: TP:1203
Software info DASY52 52.10.3(1513) SEMCAD X 14.6.13(7474)

Area Scan (71x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.22 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5 mm
Reference Value = 31.49 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 1.43 W/kg
SAR(1 g) = 0.866 W/kg; SAR(10 g) = 0.526 W/kg
Smallest distance from peaks to all points 3 dB below = 16.5 mm
Ratio of SAR at M2 to SAR at M1 = 61 %
Maximum value of SAR (measured) = 1.22 W/kg

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



Plot No PR 3
Red WCDMA B5 ch4233 846.6 MHz Rel99 Edge4 0 mm
(Repeat)02_22_2023_Room2_ Temp_22.3 deg.C._Liquid Temp_21.8 deg.C

Communication System info
Communication System: UID 0, #WCDMA (0)
Communication System Band: Band VDuty Cycle: 1:1
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

Probe info:
Probe: EX3DV4 - SN3917 / Calibrated: 2022/05/17
ConvF(9.71, 9.71, 9.71) @ 846.6 MHz
Medium parameters used (interpolated): f = 846.6 MHz; σ = 0.904 S/m; ε_r = 40.845; ρ = 1000 kg/m^3
Sensor-Surface: 1.4 mm (Mechanical Surface Detection)

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

Phantom info:
Phantom: ELI v5.0 TP1207 (30 deg probe tilt)/Phantom section: Flat Section
Type: QDOVA001BB
Serial: TP:1207
Software info DASY52 52.10.4(1535) SEMCAD X 14.6.14(7501)

Area Scan (41x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

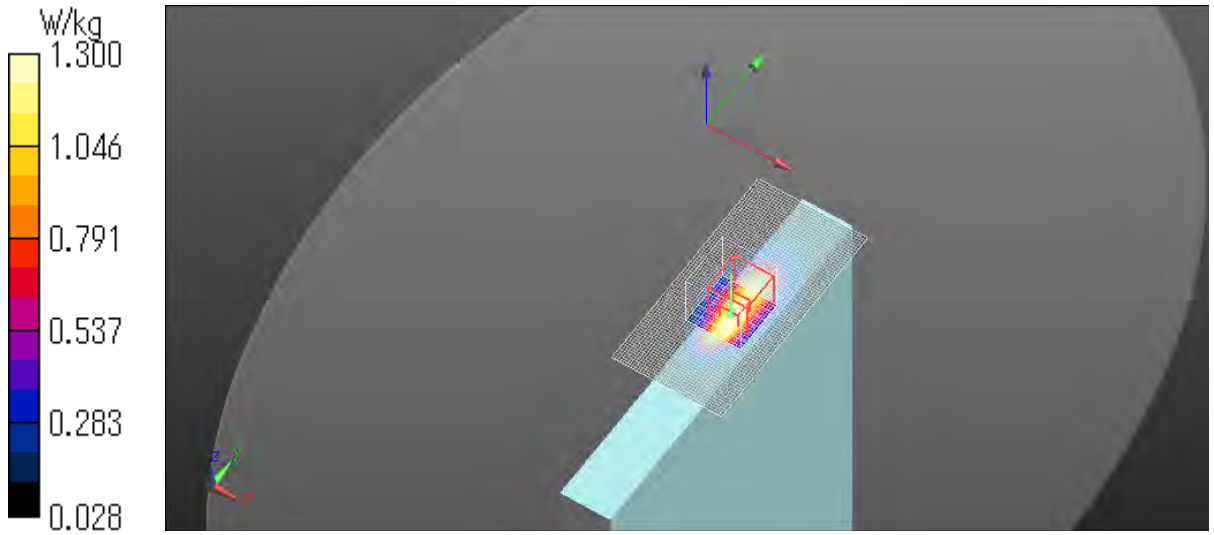
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 1.29 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5 mm
Reference Value = 40.04 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 1.75 W/kg
SAR(1 g) = 0.843 W/kg; SAR(10 g) = 0.455 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 = 52.4 %

Info: Interpolated medium parameters used for SAR evaluation.

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

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



Plot No PR 4

Ful LTE B4 ch20050 1720 MHz QPSK Rear tilt(Edge4) 9 mm 20 MHz RBn1 RBp0
Communication System info
Communication System: UID 0, _Generic LTE (0)
Communication System Band: Band 4, E-UTRA/FDD (1710.0 - 1755.0 MHz)Duty Cycle: 1:1
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

Probe info:
Probe: EX3DV4 - SN3917 / Calibrated: 2022/05/17
ConvF(8.4, 8.4, 8.4) @ 1720 MHz
Medium parameters used: f = 1720 MHz; σ = 1.304 S/m; ε_r = 39.056; ρ = 1000 kg/m^3
Sensor-Surface: 1.4mm (Mechanical Surface Detection)

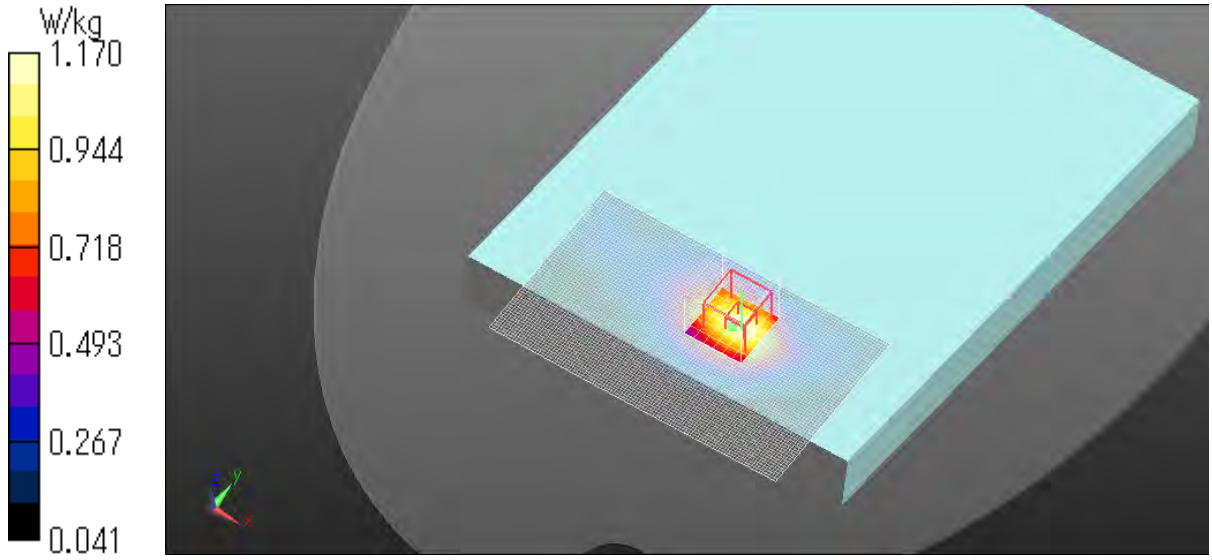
DAE info:
Electronics: DAE4 Sn509 / Calibrated: 2022/07/13

Phantom info:
Phantom: ELI v5.0 (20deg probe tilt)/Phantom section: Flat Section
Type: QDOVA001BB
Serial: TP:1203
Software info DASY52 52.10.4(1535) SEMCAD X 14.6.14(7501)

Area Scan (101x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.25 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 25.27 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 1.37 W/kg
SAR(1 g) = 0.853 W/kg; SAR(10 g) = 0.518 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 17 mm
Ratio of SAR at M2 to SAR at M1 = 61.1%
Maximum value of SAR (measured) = 1.17 W/kg

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



Plot No PR 5
Red LTE B12 ch23060 704 MHz QPSK Edge4 0 mm 10 MHz RBn50 RBp0
(Repeat)02_27_2023_Room1 Temp_22.5 deg.C._Liquid Temp_22.3 deg.C

Communication System info
Communication System: UID 0, _Generic LTE (0)
Communication System Band: Band 12, E-UTRA/FDD (698.0 - 716.0 MHz)Duty Cycle: 1:1
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

Probe info:
Probe: EX3DV4 - SN3825 / Calibrated: 2022/07/20
ConvF(9.83, 9.83, 9.83) @ 704 MHz
Medium parameters used (interpolated): f = 704 MHz; σ = 0.87 S/m; ε_r = 42.432; ρ = 1000 kg/m^3
Sensor-Surface: 1.4 mm (Mechanical Surface Detection)

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

Phantom info:
Phantom: ELI v5.0 (20 deg probe tilt)/Phantom section: Flat Section
Type: QDOVA001BB
Serial: TP:1203
Software info DASY52 52.10.4(1535) SEMCAD X 14.6.14(7501)

Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

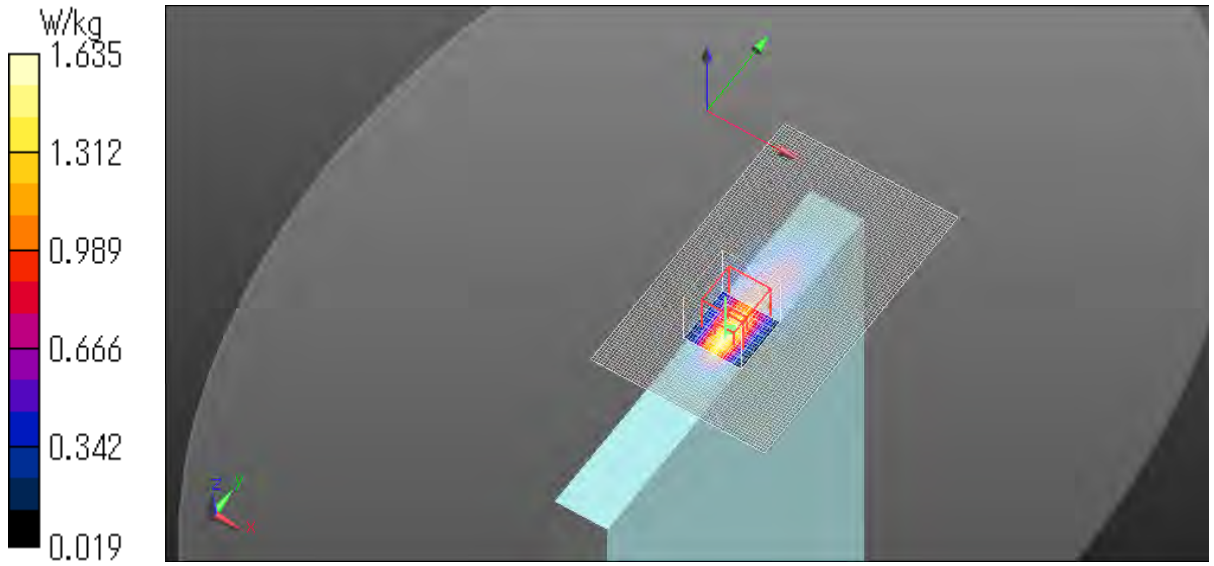
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 1.50 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5 mm
Reference Value = 44.55 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 2.35 W/kg
SAR(1 g) = 0.872 W/kg; SAR(10 g) = 0.427 W/kg
Smallest distance from peaks to all points 3 dB below = 7 mm
Ratio of SAR at M2 to SAR at M1 = 37.8 %

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 1.64 W/kg

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



Plot No PR 6
Red LTE B13 ch23230 782 MHz QPSK Edge4 0 mm 10 MHz RBn25 RBp0
02_15_2023_Room1 Temp_22.0 deg.C._Liquid Temp_22.0 deg.C(Red)

Communication System info
Communication System: UID 0, #Generic LTE (0)
Communication System Band: Band 13, E-UTRA/FDD (777.0 - 787.0 MHz)Duty Cycle: 1:1.5787
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

Probe info:
Probe: EX3DV4 - SN3825 / Calibrated: 2022/07/20
ConvF(9.83, 9.83, 9.83) @ 782 MHz
Medium parameters used (interpolated): f = 782 MHz; σ = 0.925 S/m; ε_r = 43.092; ρ = 1000 kg/m^3
Sensor-Surface: 1.4mm (Mechanical Surface Detection)

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

Phantom info:
Phantom: ELI v5.0 (20deg probe tilt)/Phantom section: Flat Section
Type: QDOVA001BB
Serial: TP:1203
Software info DASY52 52.10.3(1513) SEMCAD X 14.6.14(7501)

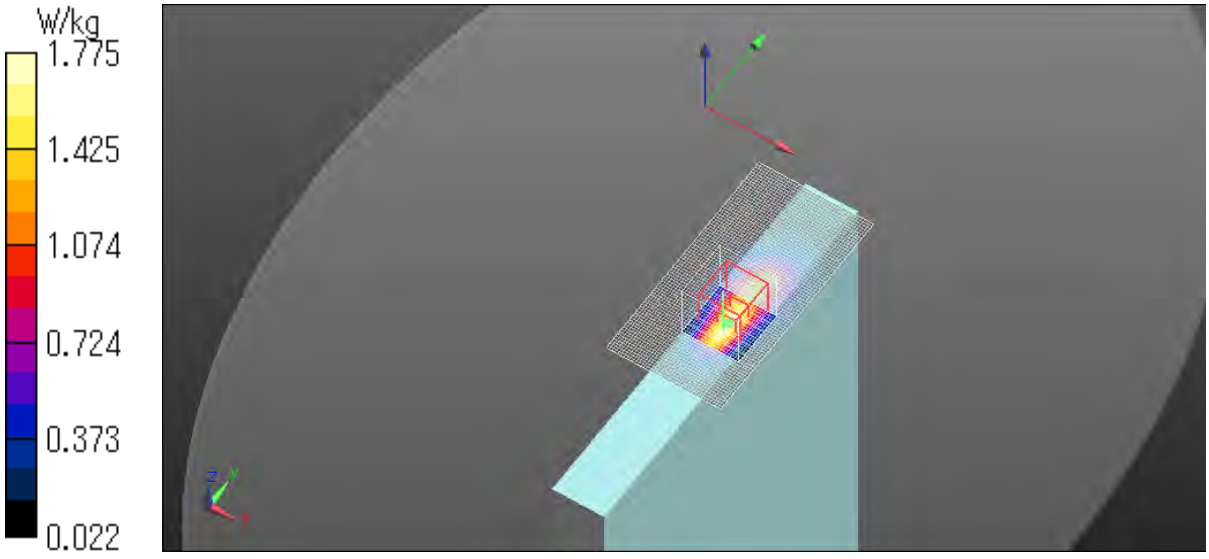
Area Scan (41x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 1.37 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 45.43 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 2.44 W/kg
SAR(1 g) = 1.02 W/kg; SAR(10 g) = 0.527 W/kg
Smallest distance from peaks to all points 3 dB below = 7 mm
Ratio of SAR at M2 to SAR at M1 = 40.6%

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.78 W/kg

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



Plot No PR 7
Red LTE B14 ch23330 793 MHz QPSK Edge4 0 mm 10 MHz RBn25 RBp12
(Repeat)02_27_2023_Room1 Temp_22.5 deg.C._Liquid Temp_22.3 deg.C

Communication System info
Communication System: UID 0, #Generic LTE (0)
Communication System Band: Band 14, E-UTRA/FDD (788.0 - 798.0 MHz)Duty Cycle: 1:1
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

Probe info:
Probe: EX3DV4 - SN3825 / Calibrated: 2022/07/20
ConvF(9.83, 9.83, 9.83) @ 793 MHz
Medium parameters used (interpolated): f = 793 MHz; σ = 0.894 S/m; ε_r = 42.151; ρ = 1000 kg/m^3
Sensor-Surface: 1.4 mm (Mechanical Surface Detection)

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

Phantom info:
Phantom: ELI v5.0 (20 deg probe tilt)/Phantom section: Flat Section
Type: QDOVA001BB
Serial: TP:1203
Software info DASY52 52.10.4(1535) SEMCAD X 14.6.14(7501)

Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

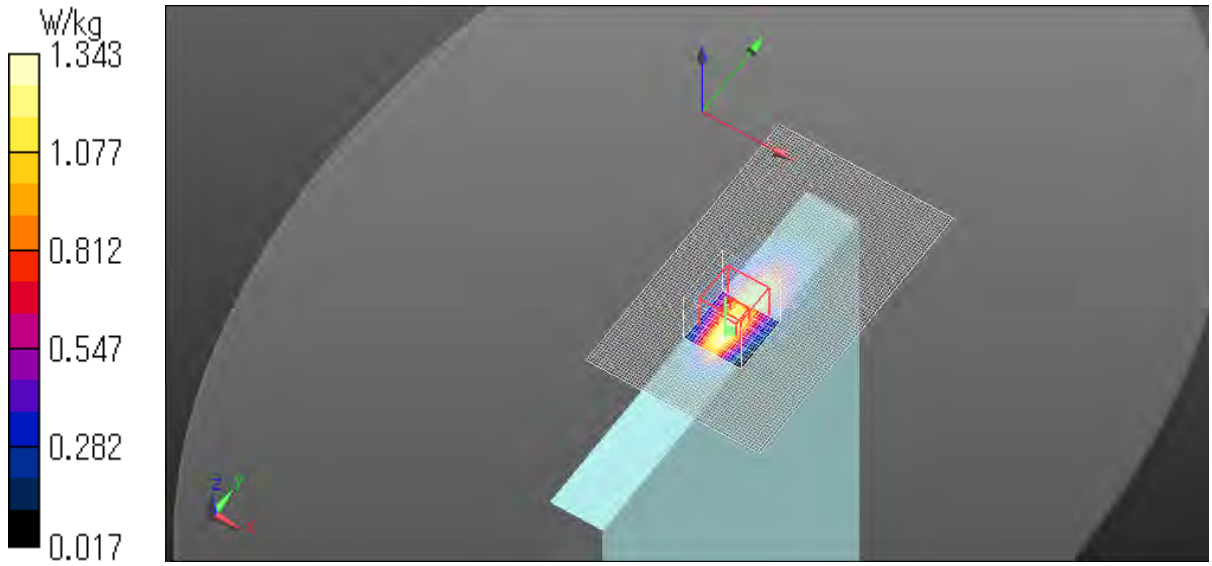
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 1.35 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5 mm
Reference Value = 40.15 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 1.90 W/kg
SAR(1 g) = 0.793 W/kg; SAR(10 g) = 0.415 W/kg
Smallest distance from peaks to all points 3 dB below = 7 mm
Ratio of SAR at M2 to SAR at M1 = 41 %

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 1.34 W/kg

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



Plot No PR 8
Full Band 66_Rear tilt(Edge 4 side)_Mod QPSK_Ch 132322_1745 MHz_BW 20_RBN. 1_RBP. 0
02_27_2023_Room1 Temp_22.5 deg.C._Liquid Temp_22.3 deg.C

Communication System info
Communication System: UID 0, #Generic LTE (0)
Communication System Band: Band 66, E-UTRA/FDD (1710.0 - 1780.0 MHz)Duty Cycle: 1:1
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

Probe info:
Probe: EX3DV4 - SN3825 / Calibrated: 2022/07/20
ConvF(8.66, 8.66, 8.66) @ 1745 MHz
Medium parameters used: f = 1745 MHz; σ = 1.311 S/m; ε_r = 40.407; ρ = 1000 kg/m^3
Sensor-Surface: 1.4 mm (Mechanical Surface Detection)

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

Phantom info:
Phantom: ELI v5.0 (20 deg probe tilt)/Phantom section: Flat Section
Type: QDOVA001BB
Serial: TP:1203
Software info DASY52 52.10.3(1513) SEMCAD X 14.6.13(7474)

Area Scan (71x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.20 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5 mm
Reference Value = 30.78 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.39 W/kg
SAR(1 g) = 0.842 W/kg; SAR(10 g) = 0.511 W/kg
Smallest distance from peaks to all points 3 dB below = 16.1 mm
Ratio of SAR at M2 to SAR at M1 = 60.4 %
Maximum value of SAR (measured) = 1.19 W/kg

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