

1_RFID_FCC Band DSB-ASK_Ch 2_Top Side_0mm_wo 2D

DUT: 3138-AX1-US

Communication System: UID 0, RFID (0); Frequency: 915.25 MHz; Duty Cycle: 1:1.0193

Medium: HSL 835 Medium parameters used: $f = 915.25$ MHz; $\sigma = 1.018$ S/m; $\epsilon_r = 42.607$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(8.93, 8.51, 8.53) @ 915.25 MHz; Calibrated: 12/16/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 12/5/2024
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: 2088
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch2/Area Scan (101x181x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.0790 W/kg

Ch2/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 9.362 V/m; Power Drift = 0.09 dB

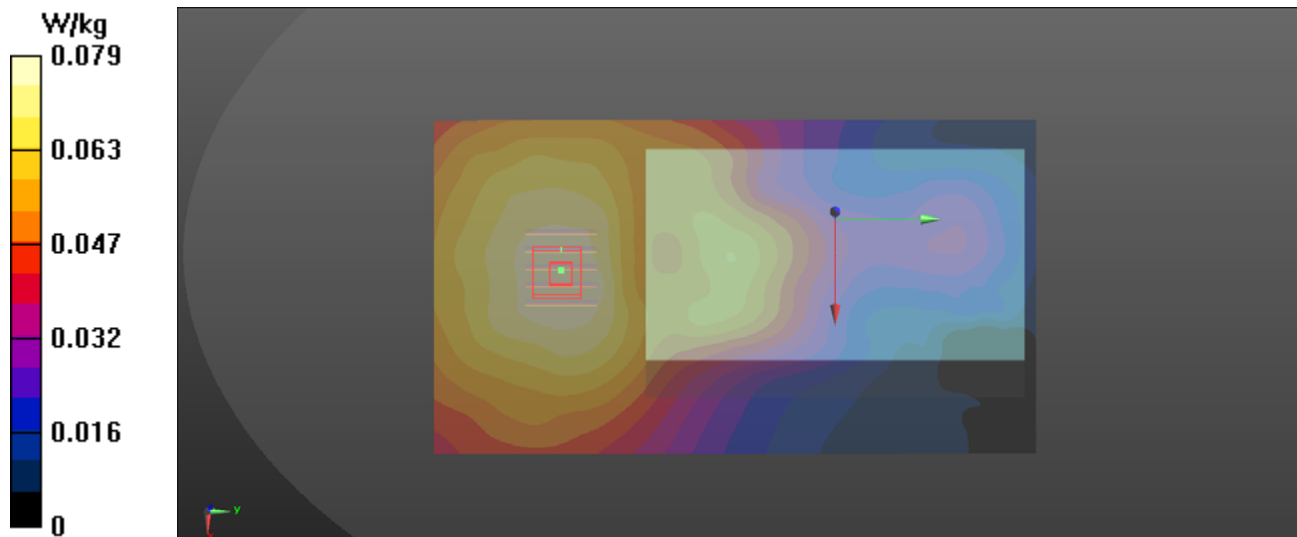
Peak SAR (extrapolated) = 0.0890 W/kg

SAR(1 g) = 0.064 W/kg; SAR(10 g) = 0.047 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 69.2%

Maximum value of SAR (measured) = 0.0803 W/kg



2_RFID_FCC Band DSB-ASK_Ch 2_BottomR Side_0mm_wo 2D

DUT: 3138-AX1-US

Communication System: UID 0, RFID (0); Frequency: 915.25 MHz; Duty Cycle: 1:1.0193

Medium: HSL 835 Medium parameters used: $f = 915.25$ MHz; $\sigma = 1.018$ S/m; $\epsilon_r = 42.607$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(8.93, 8.51, 8.53) @ 915.25 MHz; Calibrated: 12/16/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 12/5/2024
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: 2088
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch2/Area Scan (81x181x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.136 W/kg

Ch2/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.19 V/m; Power Drift = -0.14 dB

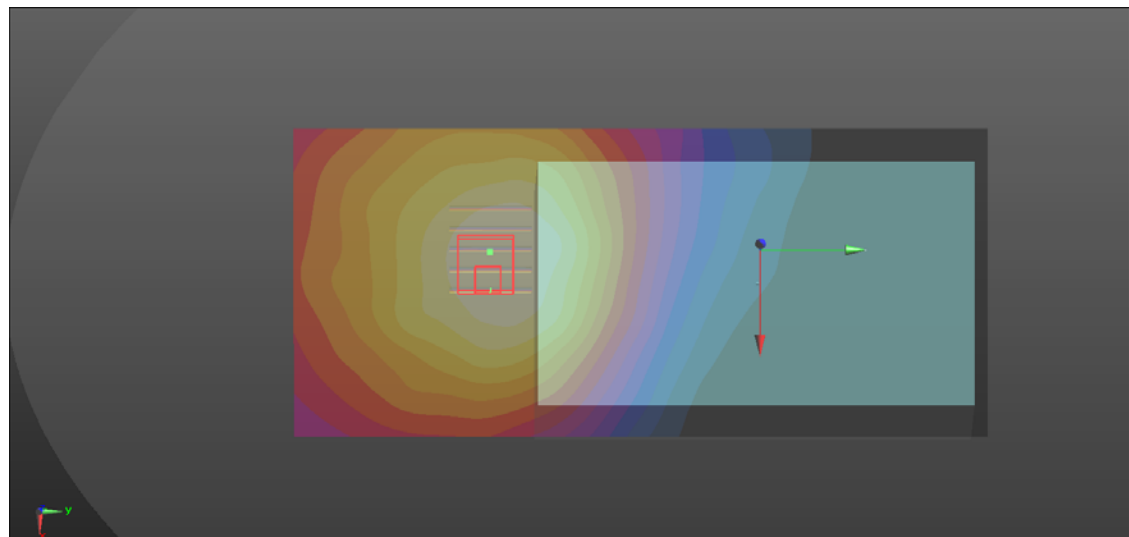
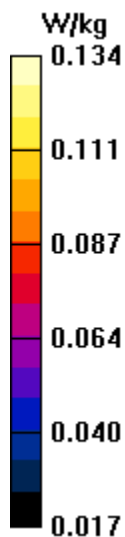
Peak SAR (extrapolated) = 0.148 W/kg

SAR(1 g) = 0.106 W/kg; SAR(10 g) = 0.078 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 70.5%

Maximum value of SAR (measured) = 0.134 W/kg



2-1_RFID_FCC Band DSB-ASK_Ch 2_Bottom Side_0mm_wo 2D

DUT: 3138-AX1-US

Communication System: UID 0, RFID (0); Frequency: 915.25 MHz; Duty Cycle: 1:1.0193

Medium: HSL 835 Medium parameters used: $f = 915.25$ MHz; $\sigma = 0.97$ S/m; $\epsilon_r = 43.557$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(8.93, 8.51, 8.53) @ 915.25 MHz; Calibrated: 12/16/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 12/5/2024
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: 2088
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch2/Area Scan (81x121x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 1.73 W/kg

Ch2/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 43.10 V/m; Power Drift = 0.02 dB

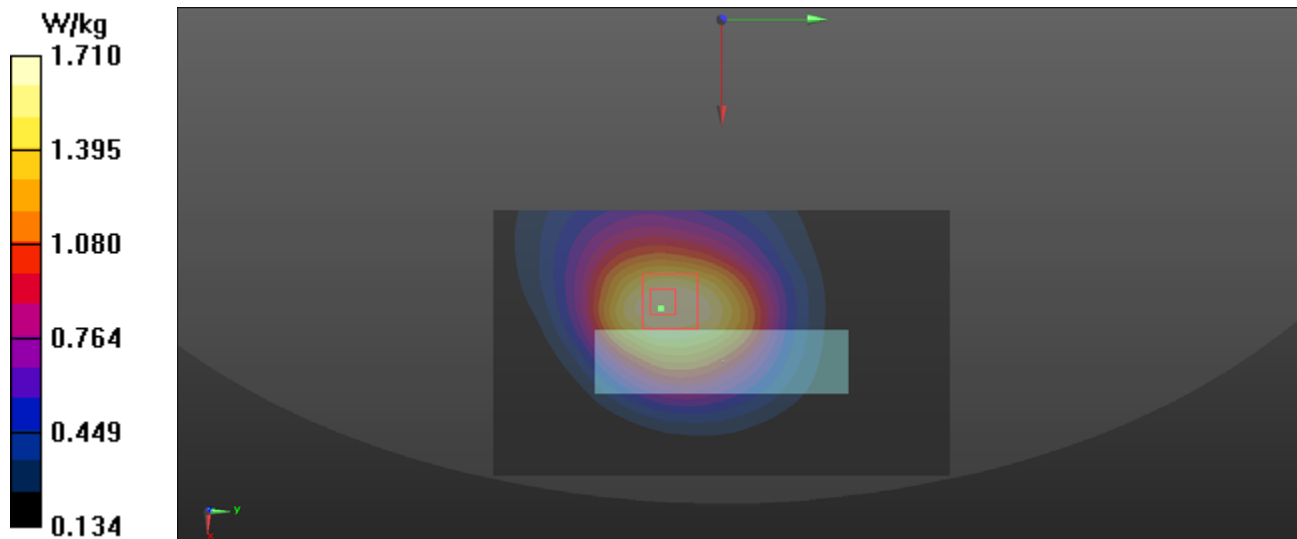
Peak SAR (extrapolated) = 1.89 W/kg

SAR(1 g) = 1.41 W/kg; SAR(10 g) = 0.996 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

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

Maximum value of SAR (measured) = 1.71 W/kg



3_RFID_FCC Band DSB-ASK_Ch 2_Left Side_0mm_wo 2D

DUT: 3138-AX1-US

Communication System: UID 0, RFID (0); Frequency: 915.25 MHz; Duty Cycle: 1:1.0193

Medium: HSL 835 Medium parameters used: $f = 915.25$ MHz; $\sigma = 1.018$ S/m; $\epsilon_r = 42.607$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(8.93, 8.51, 8.53) @ 915.25 MHz; Calibrated: 12/16/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 12/5/2024
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: 2088
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch2/Area Scan (161x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.19 W/kg

Ch2/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

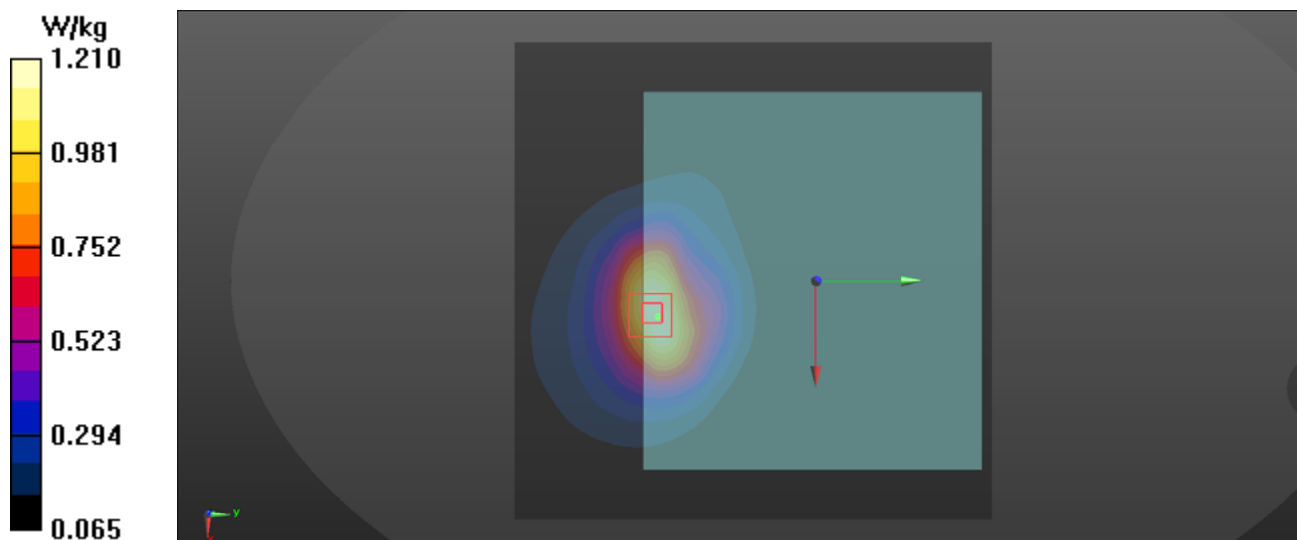
Reference Value = 32.33 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.35 W/kg

SAR(1 g) = 0.927 W/kg; SAR(10 g) = 0.630 W/kg

Smallest distance from peaks to all points 3 dB below = 23.8 mm

Maximum value of SAR (measured) = 1.21 W/kg



4_RFID_FCC Band DSB-ASK_Ch 2_Right Side_0mm_wo 2D

DUT: 3138-AX1-US

Communication System: UID 0, RFID (0); Frequency: 915.25 MHz; Duty Cycle: 1:1.0193

Medium: HSL 835 Medium parameters used: $f = 915.25$ MHz; $\sigma = 1.018$ S/m; $\epsilon_r = 42.607$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(8.93, 8.51, 8.53) @ 915.25 MHz; Calibrated: 12/16/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 12/5/2024
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: 2088
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch2/Area Scan (161x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.926 W/kg

Ch2/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.17 V/m; Power Drift = -0.12 dB

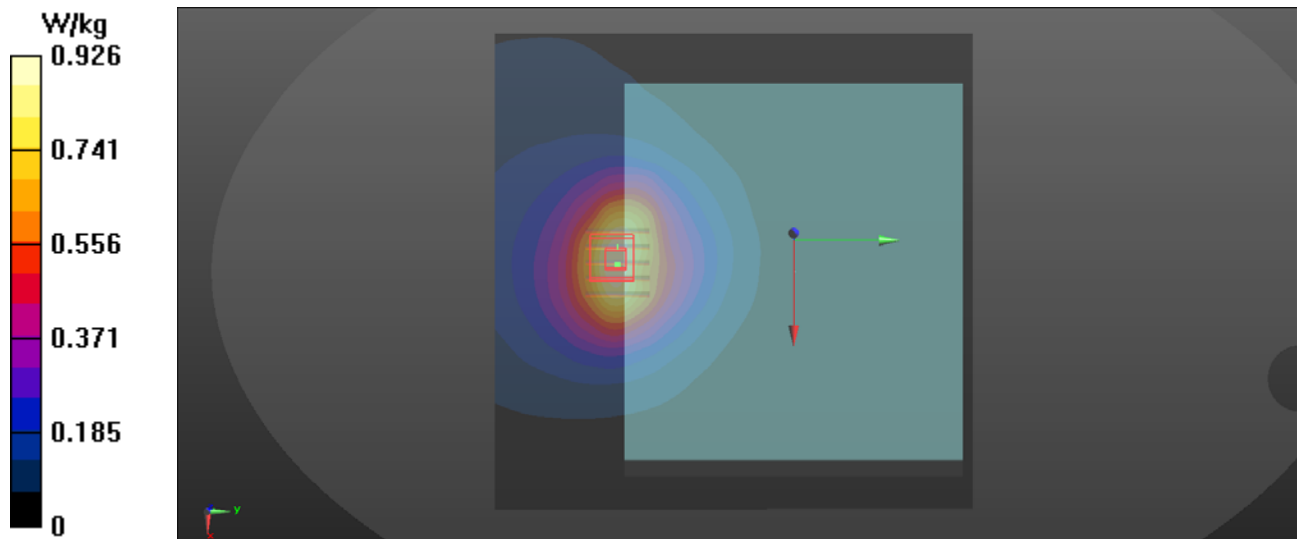
Peak SAR (extrapolated) = 1.03 W/kg

SAR(1 g) = 0.723 W/kg; SAR(10 g) = 0.496 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 69%

Maximum value of SAR (measured) = 0.925 W/kg



5_RFID_FCC Band DSB-ASK_Ch 2_Front Side_0mm_wo 2D

DUT: 3138-AX1-US

Communication System: UID 0, RFID (0); Frequency: 915.25 MHz; Duty Cycle: 1:1.0193

Medium: HSL 835 Medium parameters used: $f = 915.25$ MHz; $\sigma = 1.018$ S/m; $\epsilon_r = 42.607$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(8.93, 8.51, 8.53) @ 915.25 MHz; Calibrated: 12/16/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 12/5/2024
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: 2088
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch2/Area Scan (101x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 3.38 W/kg

Ch2/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 52.34 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 3.67 W/kg

SAR(1 g) = 2.5 W/kg; SAR(10 g) = 1.7 W/kg

Smallest distance from peaks to all points 3 dB below = 15.8 mm

Ratio of SAR at M2 to SAR at M1 = 70.7%

Maximum value of SAR (measured) = 3.23 W/kg

Ch2/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 52.34 V/m; Power Drift = -0.10 dB

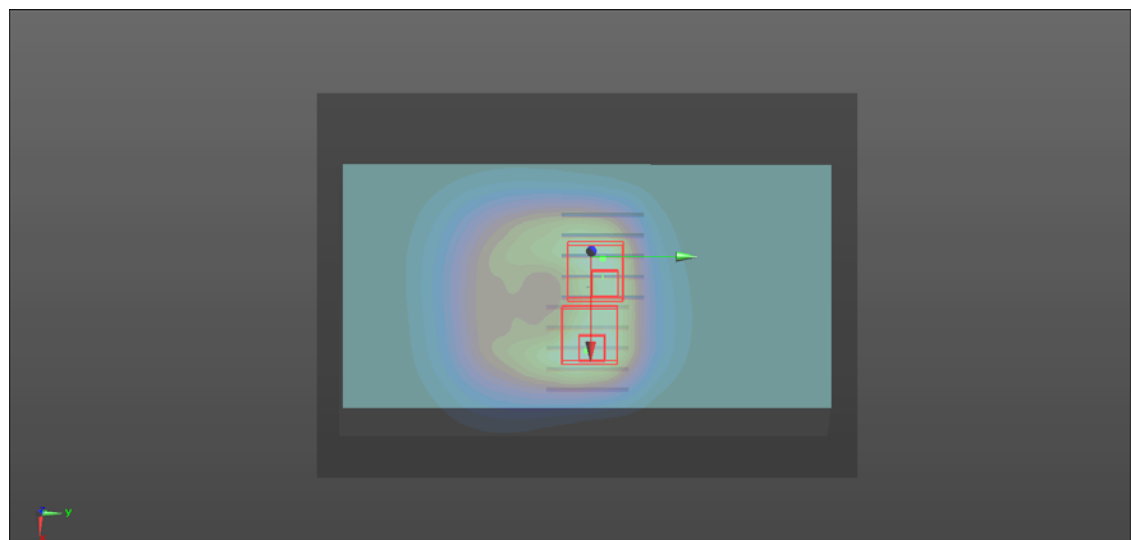
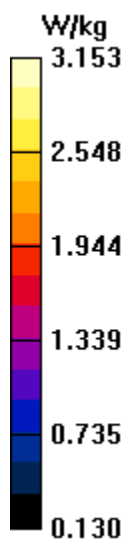
Peak SAR (extrapolated) = 3.49 W/kg

SAR(1 g) = 2.44 W/kg; SAR(10 g) = 1.65 W/kg

Smallest distance from peaks to all points 3 dB below = 15.8 mm

Ratio of SAR at M2 to SAR at M1 = 71.2%

Maximum value of SAR (measured) = 3.15 W/kg



5-1_RFID_FCC Band DSB-ASK_Ch 2_Front Side_0mm_w 2D

DUT: 3138-AS1-US

Communication System: UID 0, RFID (0); Frequency: 915.25 MHz; Duty Cycle: 1:1.0193

Medium: HSL 835 Medium parameters used: $f = 915.25$ MHz; $\sigma = 1.018$ S/m; $\epsilon_r = 42.607$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(8.93, 8.51, 8.53) @ 915.25 MHz; Calibrated: 12/16/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 12/5/2024
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: 2088
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch2/Area Scan (101x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 2.09 W/kg

Ch2/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 46.04 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 2.19 W/kg

SAR(1 g) = 1.56 W/kg; SAR(10 g) = 1.08 W/kg

Smallest distance from peaks to all points 3 dB below = 16 mm

Ratio of SAR at M2 to SAR at M1 = 71.6%

Maximum value of SAR (measured) = 1.97 W/kg

Ch2/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 46.04 V/m; Power Drift = 0.03 dB

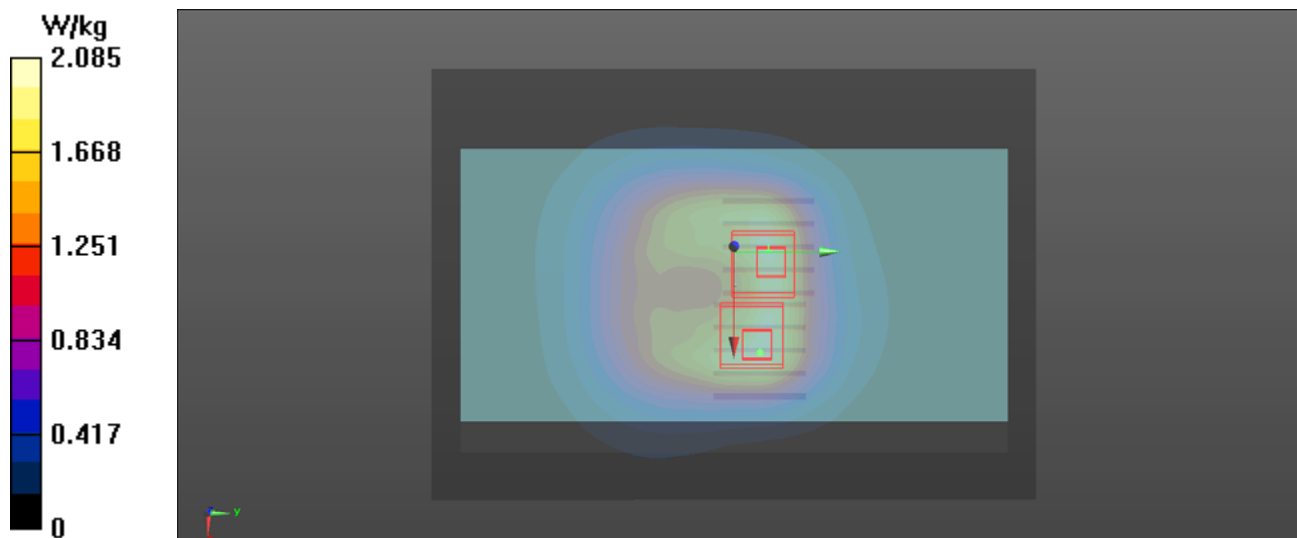
Peak SAR (extrapolated) = 2.20 W/kg

SAR(1 g) = 1.55 W/kg; SAR(10 g) = 1.07 W/kg

Smallest distance from peaks to all points 3 dB below = 15.2 mm

Ratio of SAR at M2 to SAR at M1 = 71.8%

Maximum value of SAR (measured) = 1.97 W/kg



5-2_RFID_FCC Band DSB-ASK_Ch 2_Front Side_30mm_wo 2D

DUT: 3138-AX1-US

Communication System: UID 0, RFID (0); Frequency: 915.25 MHz; Duty Cycle: 1:1.0193

Medium: HSL 835 Medium parameters used: $f = 915.25$ MHz; $\sigma = 0.97$ S/m; $\epsilon_r = 43.557$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(8.93, 8.51, 8.53) @ 915.25 MHz; Calibrated: 12/16/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 12/5/2024
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: 2088
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch2/Area Scan (101x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

Ch2/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 40.51 V/m; Power Drift = -0.05 dB

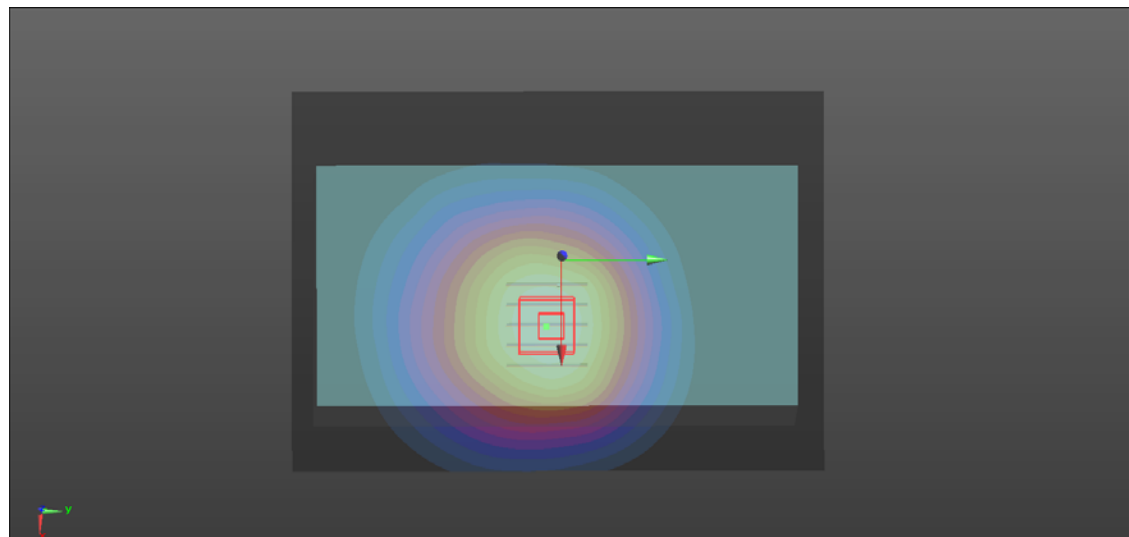
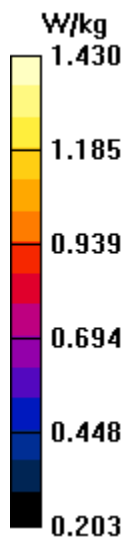
Peak SAR (extrapolated) = 1.60 W/kg

SAR(1 g) = 1.15 W/kg; SAR(10 g) = 0.857 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 72%

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



5-3_RFID_FCC Band DSB-ASK_Ch 2_Front Side_30mm_w 2D

DUT: 3138-AS1-US

Communication System: UID 0, RFID (0); Frequency: 915.25 MHz; Duty Cycle: 1:1.0193

Medium: HSL 835 Medium parameters used: $f = 915.25$ MHz; $\sigma = 0.97$ S/m; $\epsilon_r = 43.557$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(8.93, 8.51, 8.53) @ 915.25 MHz; Calibrated: 12/16/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 12/5/2024
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: 2088
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch2/Area Scan (101x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

Ch2/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 38.18 V/m; Power Drift = -0.01 dB

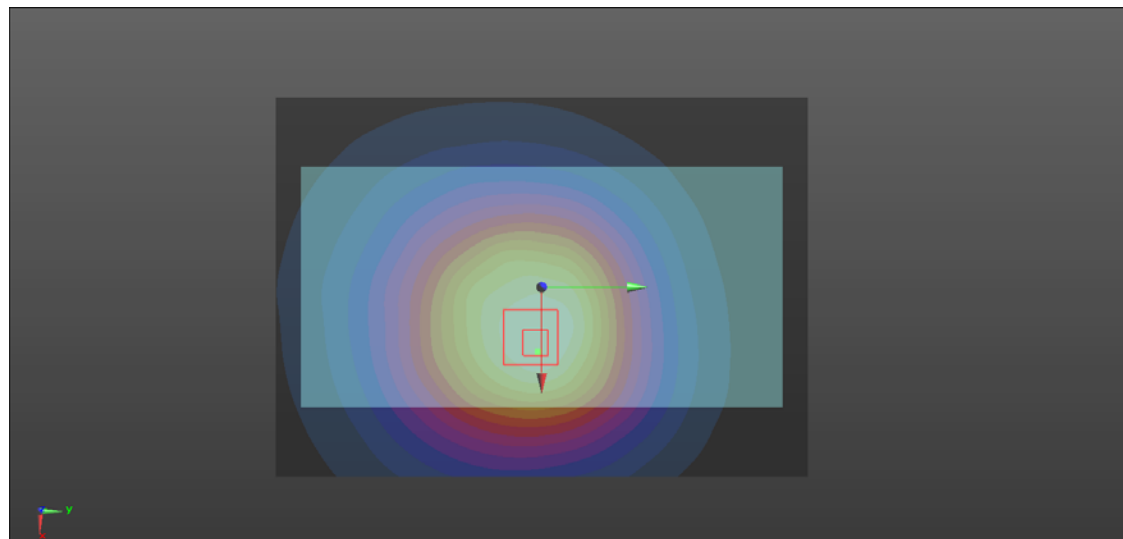
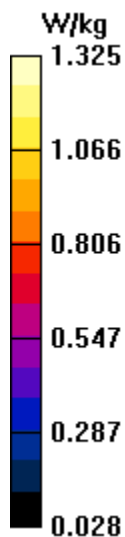
Peak SAR (extrapolated) = 1.49 W/kg

SAR(1 g) = 1.07 W/kg; SAR(10 g) = 0.795 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 70.5%

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



6_RFID_FCC Band DSB-ASK_Ch 2_Back Side_0mm_wo 2D

DUT: 3138-AX1-US

Communication System: UID 0, RFID (0); Frequency: 915.25 MHz; Duty Cycle: 1:1.0193

Medium: HSL 835 Medium parameters used: $f = 915.25$ MHz; $\sigma = 1.018$ S/m; $\epsilon_r = 42.607$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(8.93, 8.51, 8.53) @ 915.25 MHz; Calibrated: 12/16/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 12/5/2024
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: 2088
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch2/Area Scan (101x141x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.0453 W/kg

Ch2/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 6.071 V/m; Power Drift = 0.09 dB

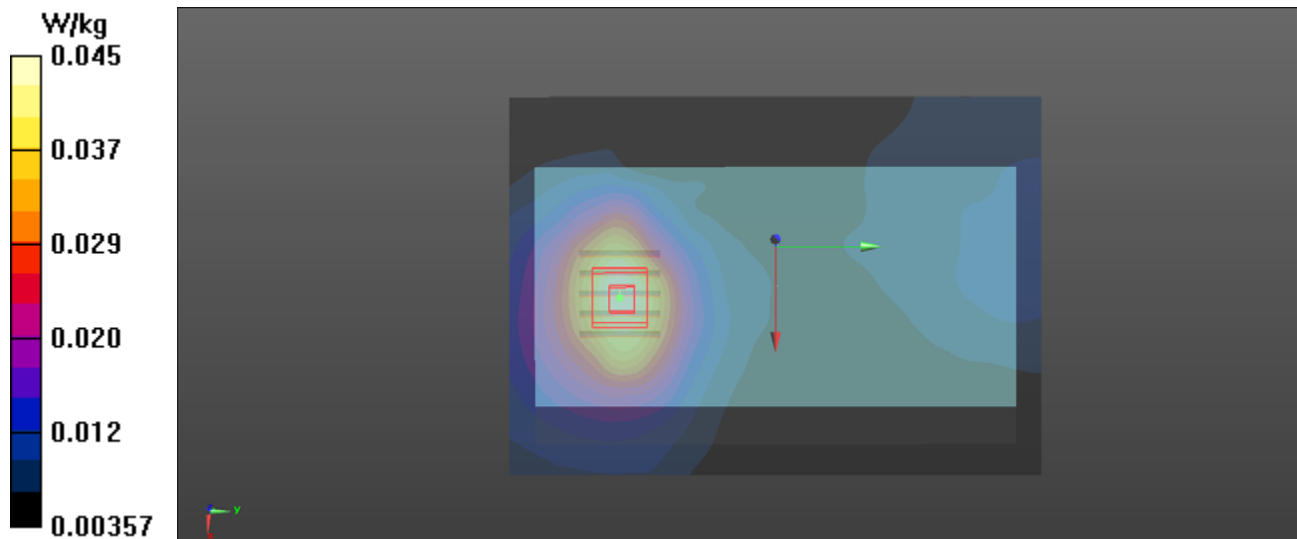
Peak SAR (extrapolated) = 0.0510 W/kg

SAR(1 g) = 0.035 W/kg; SAR(10 g) = 0.024 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

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

Maximum value of SAR (measured) = 0.0453 W/kg



7_RFID_FCC Band DSB-ASK_Ch 1_Front Side_0mm_wo 2D

DUT: 3138-AX1-US

Communication System: UID 0, RFID (0); Frequency: 902.75 MHz; Duty Cycle: 1:1.0193

Medium: HSL 835 Medium parameters used: $f = 902.75$ MHz; $\sigma = 1.016$ S/m; $\epsilon_r = 42.619$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(8.93, 8.51, 8.53) @ 902.75 MHz; Calibrated: 12/16/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 12/5/2024
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: 2088
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch1/Area Scan (101x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 4.95 W/kg

Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 55.11 V/m; Power Drift = -0.01 dB

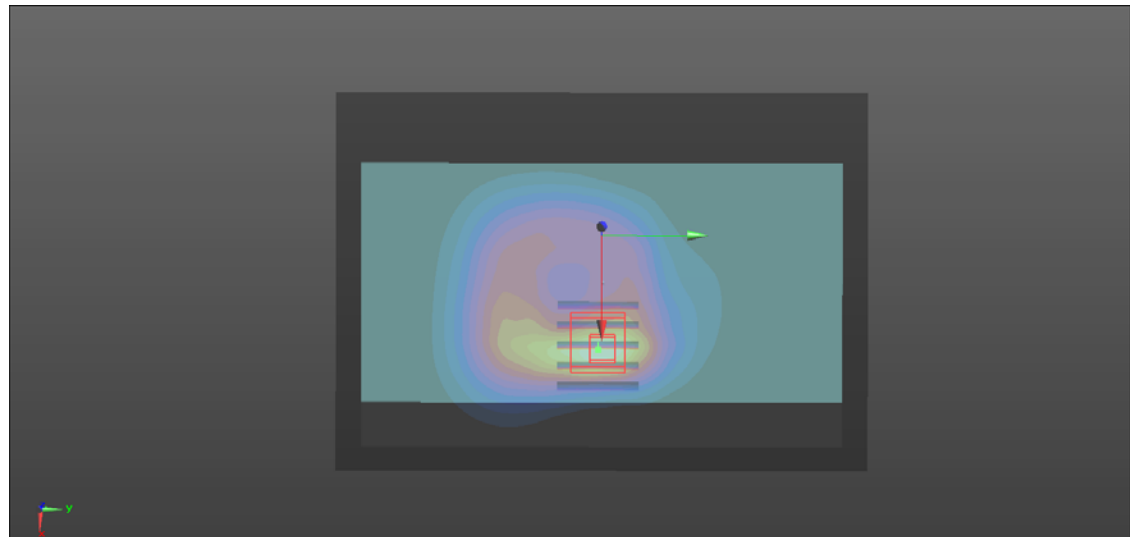
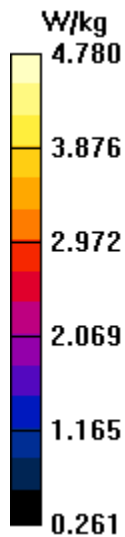
Peak SAR (extrapolated) = 5.33 W/kg

SAR(1 g) = 3.59 W/kg; SAR(10 g) = 2.33 W/kg

Smallest distance from peaks to all points 3 dB below = 13.7 mm

Ratio of SAR at M2 to SAR at M1 = 68.9%

Maximum value of SAR (measured) = 4.78 W/kg



7-1_RFID_FCC Band DSB-ASK_Ch 1_Front Side_0mm_w 2D**DUT: 3138-AS1-US**

Communication System: UID 0, RFID (0); Frequency: 902.75 MHz; Duty Cycle: 1:1.0193

Medium: HSL 835 Medium parameters used: $f = 902.75$ MHz; $\sigma = 1.016$ S/m; $\epsilon_r = 42.619$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(8.93, 8.51, 8.53) @ 902.75 MHz; Calibrated: 12/16/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 12/5/2024
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: 2088
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch1/Area Scan (101x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 4.69 W/kg

Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 59.46 V/m; Power Drift = 0.05 dB

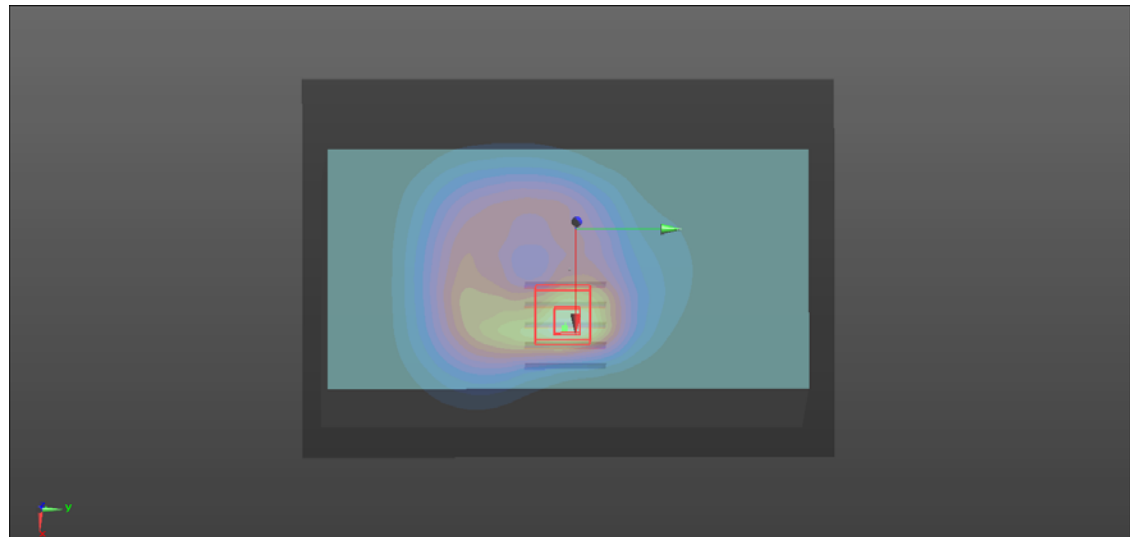
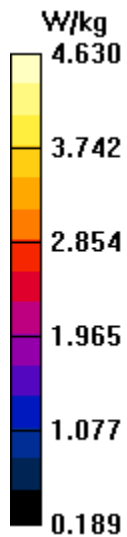
Peak SAR (extrapolated) = 5.25 W/kg

SAR(1 g) = 3.44 W/kg; SAR(10 g) = 2.25 W/kg

Smallest distance from peaks to all points 3 dB below = 12.8 mm

Ratio of SAR at M2 to SAR at M1 = 65.2%

Maximum value of SAR (measured) = 4.63 W/kg



8_RFID_FCC Band DSB-ASK_Ch 3_Front Side_0mm_wo 2D

DUT: 3138-AX1-US

Communication System: UID 0, RFID (0); Frequency: 927.25 MHz; Duty Cycle: 1:1.0193

Medium: HSL 835 Medium parameters used: $f = 927.25$ MHz; $\sigma = 1.02$ S/m; $\epsilon_r = 42.521$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(8.93, 8.51, 8.53) @ 927.25 MHz; Calibrated: 12/16/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 12/5/2024
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: 2088
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch3/Area Scan (101x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 2.47 W/kg

Ch3/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 44.38 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 2.82 W/kg

SAR(1 g) = 1.92 W/kg; SAR(10 g) = 1.29 W/kg

Smallest distance from peaks to all points 3 dB below = 14.8 mm

Ratio of SAR at M2 to SAR at M1 = 68.2%

Maximum value of SAR (measured) = 2.45 W/kg

Ch3/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 44.38 V/m; Power Drift = 0.07 dB

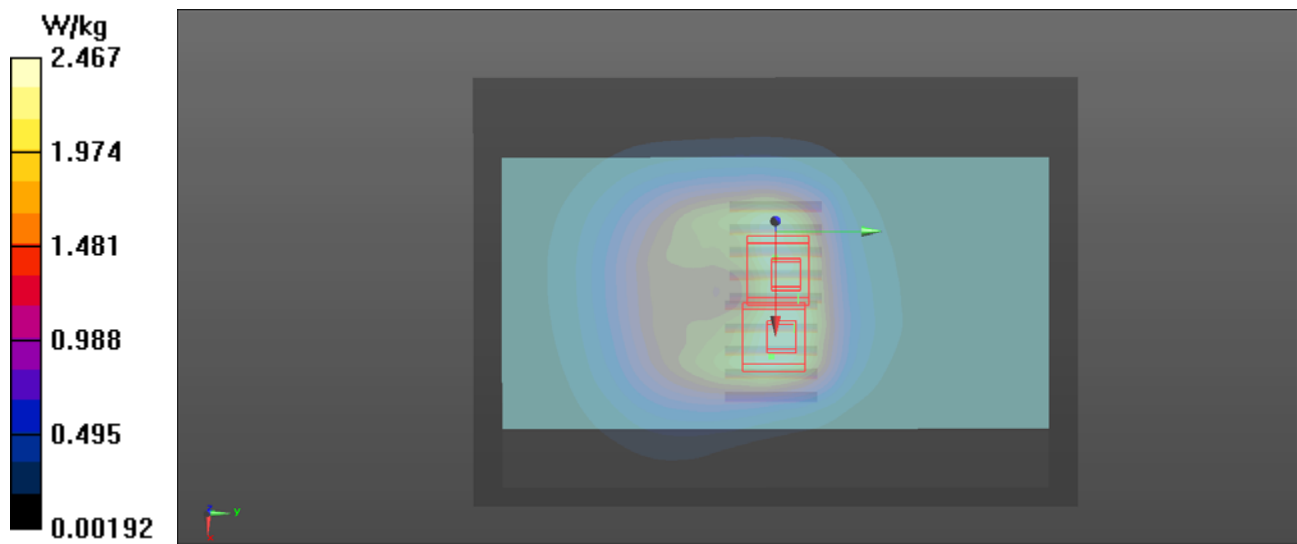
Peak SAR (extrapolated) = 2.74 W/kg

SAR(1 g) = 1.93 W/kg; SAR(10 g) = 1.31 W/kg

Smallest distance from peaks to all points 3 dB below = 20.9 mm

Ratio of SAR at M2 to SAR at M1 = 68.9%

Maximum value of SAR (measured) = 2.40 W/kg



8-1_RFID_FCC Band DSB-ASK_Ch 3_Front Side_0mm_w 2D

DUT: 3138-AS1-US

Communication System: UID 0, RFID (0); Frequency: 927.25 MHz; Duty Cycle: 1:1.0193

Medium: HSL 835 Medium parameters used: $f = 927.25$ MHz; $\sigma = 1.02$ S/m; $\epsilon_r = 42.521$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(8.93, 8.51, 8.53) @ 927.25 MHz; Calibrated: 12/16/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 12/5/2024
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: 2088
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch3/Area Scan (101x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.70 W/kg

Ch3/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 41.18 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.74 W/kg

SAR(1 g) = 1.23 W/kg; SAR(10 g) = 0.848 W/kg

Smallest distance from peaks to all points 3 dB below = 15.2 mm

Ratio of SAR at M2 to SAR at M1 = 72.5%

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

Ch3/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 41.18 V/m; Power Drift = -0.11 dB

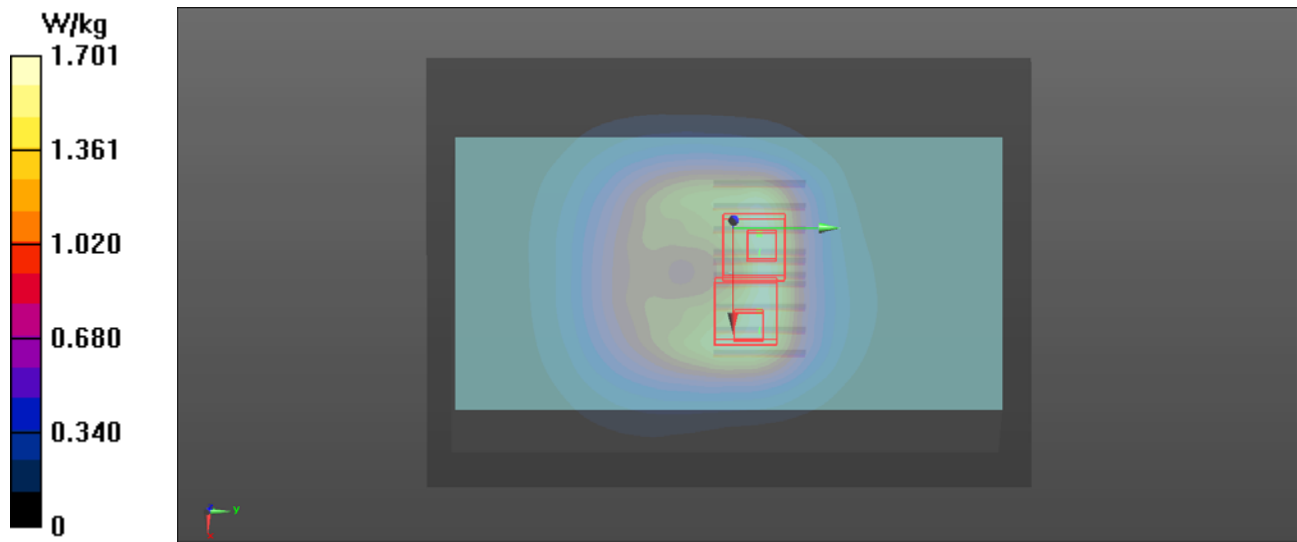
Peak SAR (extrapolated) = 1.75 W/kg

SAR(1 g) = 1.22 W/kg; SAR(10 g) = 0.846 W/kg

Smallest distance from peaks to all points 3 dB below = 16.5 mm

Ratio of SAR at M2 to SAR at M1 = 68.9%

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



11_RFID_FCC Band PR-ASK_Ch 2_Top Side_0mm_wo 2D

DUT: 3138-AX1-US

Communication System: UID 0, RFID (0); Frequency: 915.25 MHz; Duty Cycle: 1:1.01906

Medium: HSL 835 Medium parameters used: $f = 915.25$ MHz; $\sigma = 1.018$ S/m; $\epsilon_r = 42.607$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(8.93, 8.51, 8.53) @ 915.25 MHz; Calibrated: 12/16/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 12/5/2024
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: 2088
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch2/Area Scan (101x181x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.104 W/kg

Ch2/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.71 V/m; Power Drift = 0.18 dB

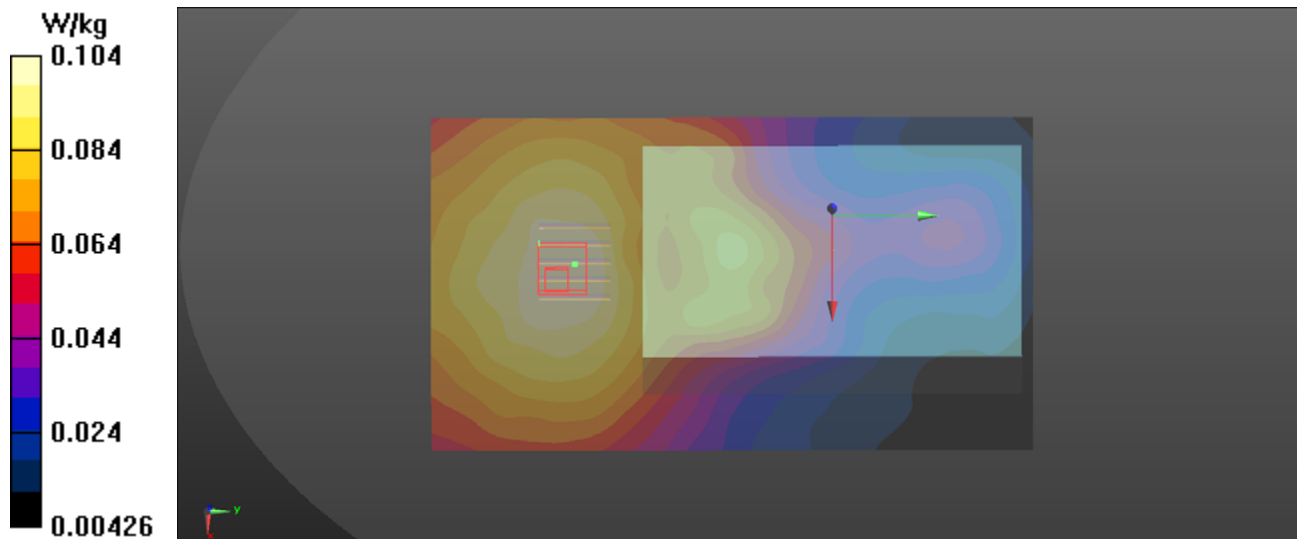
Peak SAR (extrapolated) = 0.119 W/kg

SAR(1 g) = 0.087 W/kg; SAR(10 g) = 0.063 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 71.7%

Maximum value of SAR (measured) = 0.108 W/kg



12_RFID_FCC Band PR-ASK_Ch 2_BottomR Side_0mm_wo 2D

DUT: 3138-AX1-US

Communication System: UID 0, RFID (0); Frequency: 915.25 MHz; Duty Cycle: 1:1.01906

Medium: HSL 835 Medium parameters used: $f = 915.25$ MHz; $\sigma = 1.018$ S/m; $\epsilon_r = 42.607$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(8.93, 8.51, 8.53) @ 915.25 MHz; Calibrated: 12/16/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 12/5/2024
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: 2088
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch2/Area Scan (81x181x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.171 W/kg

Ch2/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 13.44 V/m; Power Drift = 0.17 dB

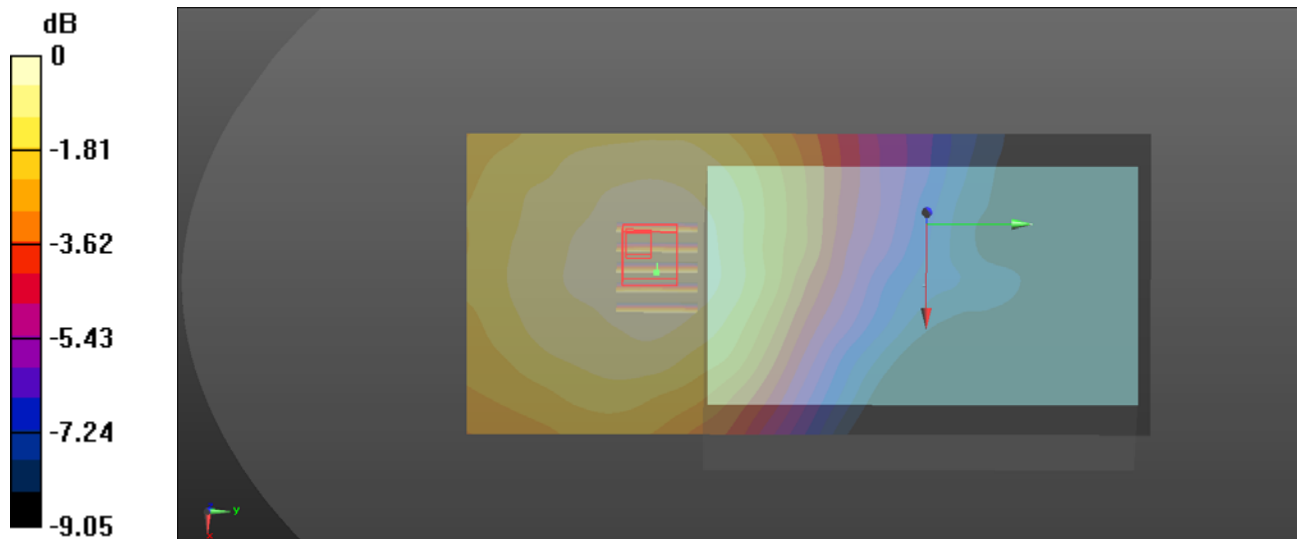
Peak SAR (extrapolated) = 0.188 W/kg

SAR(1 g) = 0.138 W/kg; SAR(10 g) = 0.102 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 71.6%

Maximum value of SAR (measured) = 0.172 W/kg



0 dB = 0.172 W/kg = -7.64 dBW/kg

12-1_RFID_FCC Band PR-ASK_Ch 2_Bottom Side_0mm_wo 2D

DUT: 3138-AX1-US

Communication System: UID 0, RFID (0); Frequency: 915.25 MHz; Duty Cycle: 1:1.01906

Medium: HSL 835 Medium parameters used: $f = 915.25$ MHz; $\sigma = 0.97$ S/m; $\epsilon_r = 43.557$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(8.93, 8.51, 8.53) @ 915.25 MHz; Calibrated: 12/16/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 12/5/2024
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: 2088
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch2/Area Scan (81x121x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 1.51 W/kg

Ch2/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 37.78 V/m; Power Drift = -0.11 dB

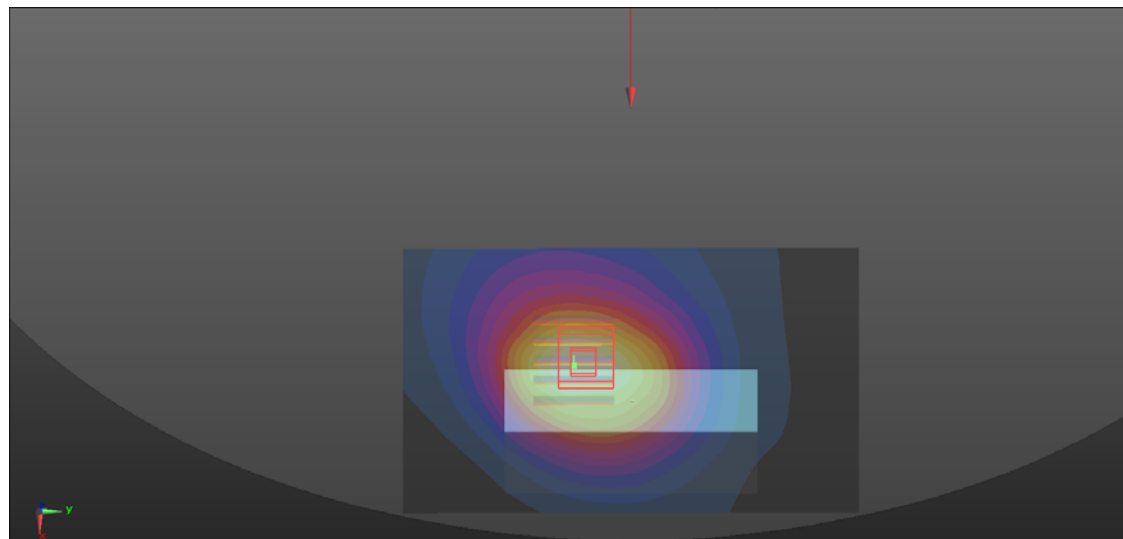
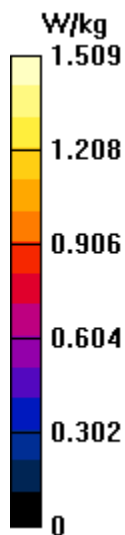
Peak SAR (extrapolated) = 1.63 W/kg

SAR(1 g) = 1.2 W/kg; SAR(10 g) = 0.843 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 73.3%

Maximum value of SAR (measured) = 1.50 W/kg



13_RFID_FCC Band PR-ASK_Ch 2_Left Side_0mm_wo 2D

DUT: 3138-AX1-US

Communication System: UID 0, RFID (0); Frequency: 915.25 MHz; Duty Cycle: 1:1.01906

Medium: HSL 835 Medium parameters used: $f = 915.25$ MHz; $\sigma = 1.018$ S/m; $\epsilon_r = 42.607$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(8.93, 8.51, 8.53) @ 915.25 MHz; Calibrated: 12/16/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 12/5/2024
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: 2088
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch2/Area Scan (161x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.48 W/kg

Ch2/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 37.72 V/m; Power Drift = -0.06 dB

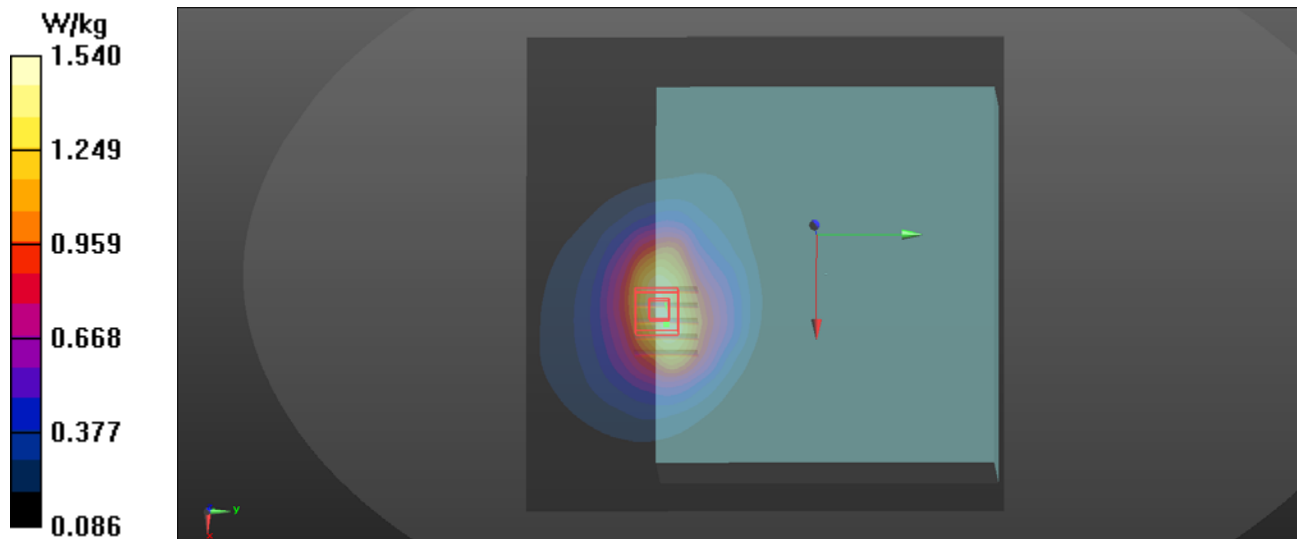
Peak SAR (extrapolated) = 1.70 W/kg

SAR(1 g) = 1.22 W/kg; SAR(10 g) = 0.827 W/kg

Smallest distance from peaks to all points 3 dB below = 28 mm

Ratio of SAR at M2 to SAR at M1 = 70.4%

Maximum value of SAR (measured) = 1.54 W/kg



14_RFID_FCC Band PR-ASK_Ch 2_Right Side_0mm_wo 2D

DUT: 3138-AX1-US

Communication System: UID 0, RFID (0); Frequency: 915.25 MHz; Duty Cycle: 1:1.01906

Medium: HSL 835 Medium parameters used: $f = 915.25$ MHz; $\sigma = 1.018$ S/m; $\epsilon_r = 42.607$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(8.93, 8.51, 8.53) @ 915.25 MHz; Calibrated: 12/16/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 12/5/2024
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: 2088
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch2/Area Scan (161x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.23 W/kg

Ch2/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 36.71 V/m; Power Drift = 0.09 dB

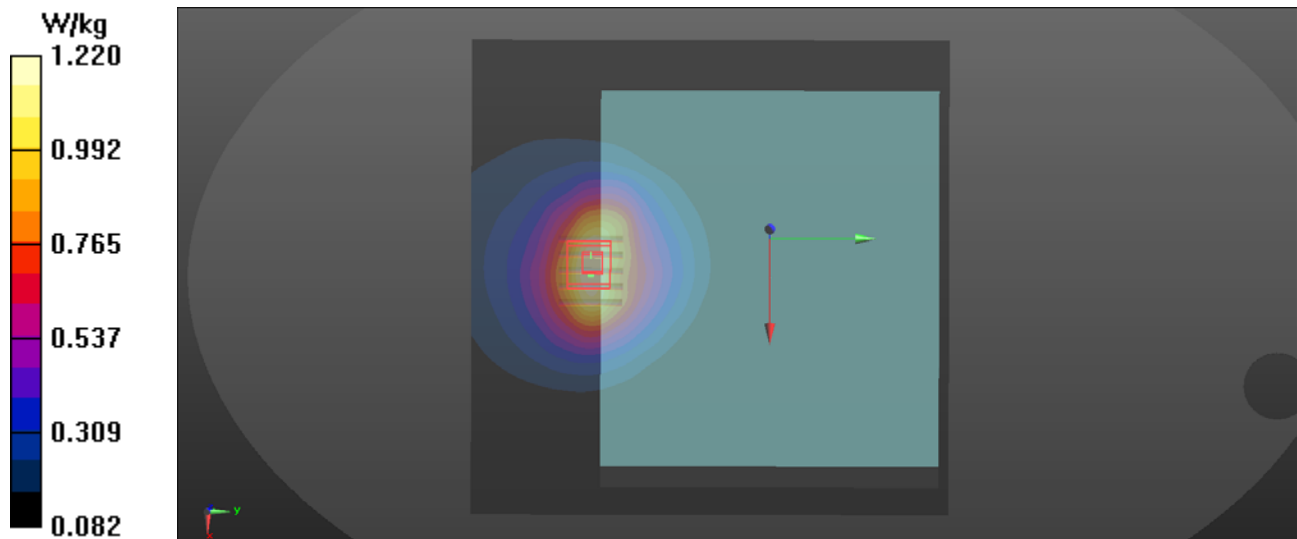
Peak SAR (extrapolated) = 1.37 W/kg

SAR(1 g) = 0.945 W/kg; SAR(10 g) = 0.644 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 69.2%

Maximum value of SAR (measured) = 1.22 W/kg



15_RFID_FCC Band PR-ASK_Ch 2_Front Side_0mm_wo 2D

DUT: 3138-AX1-US

Communication System: UID 0, RFID (0); Frequency: 915.25 MHz; Duty Cycle: 1:1.01906

Medium: HSL 835 Medium parameters used: $f = 915.25$ MHz; $\sigma = 1.018$ S/m; $\epsilon_r = 42.607$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(8.93, 8.51, 8.53) @ 915.25 MHz; Calibrated: 12/16/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 12/5/2024
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: 2088
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch2/Area Scan (101x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

Ch2/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 53.60 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 3.72 W/kg

SAR(1 g) = 2.51 W/kg; SAR(10 g) = 1.71 W/kg

Smallest distance from peaks to all points 3 dB below = 15.8 mm

Ratio of SAR at M2 to SAR at M1 = 67.6%.

Maximum value of SAR (measured) = 3.27 W/kg

Ch2/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 53.60 V/m; Power Drift = -0.11 dB

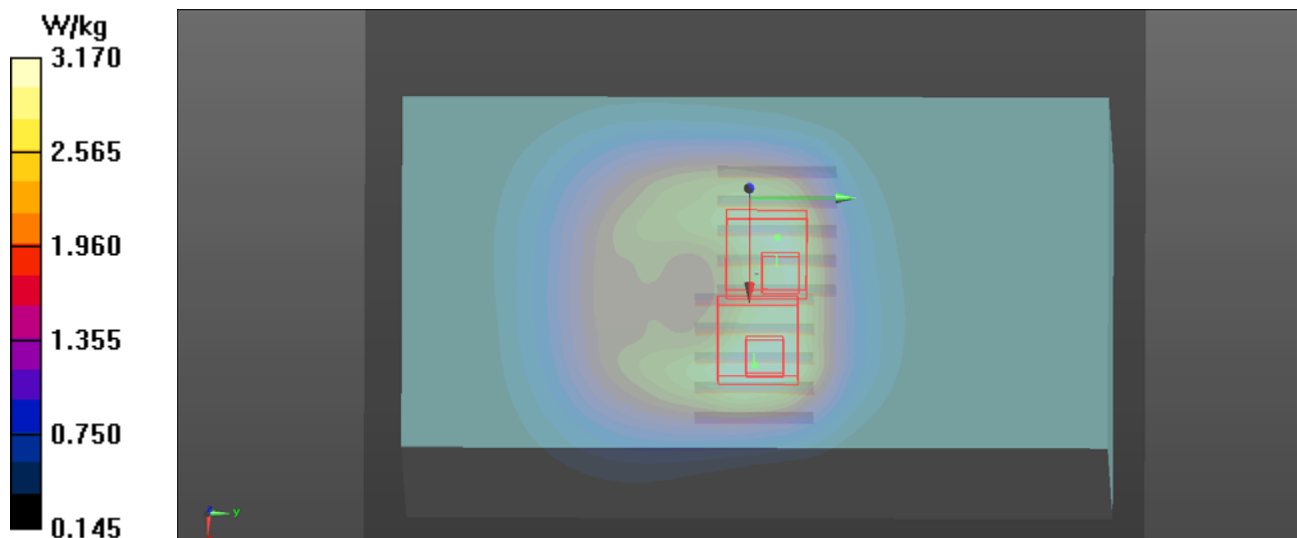
Peak SAR (extrapolated) = 3.49 W/kg

SAR(1 g) = 2.45 W/kg; SAR(10 g) = 1.67 W/kg

Smallest distance from peaks to all points 3 dB below = 15.2 mm

Ratio of SAR at M2 to SAR at M1 = 69.6%

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



15-1_RFID_FCC Band PR-ASK_Ch 2_Front Side_0mm_w 2D

DUT: 3138-AS1-US

Communication System: UID 0, RFID (0); Frequency: 915.25 MHz; Duty Cycle: 1:1.01906

Medium: HSL 835 Medium parameters used: $f = 915.25$ MHz; $\sigma = 1.018$ S/m; $\epsilon_r = 42.607$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(8.93, 8.51, 8.53) @ 915.25 MHz; Calibrated: 12/16/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 12/5/2024
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: 2088
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch2/Area Scan (101x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

Ch2/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 52.84 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 2.90 W/kg

SAR(1 g) = 2.02 W/kg; SAR(10 g) = 1.39 W/kg

Smallest distance from peaks to all points 3 dB below = 14.8 mm

Ratio of SAR at M2 to SAR at M1 = 71.5%

Maximum value of SAR (measured) = 2.57 W/kg

Ch2/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 52.84 V/m; Power Drift = -0.09 dB

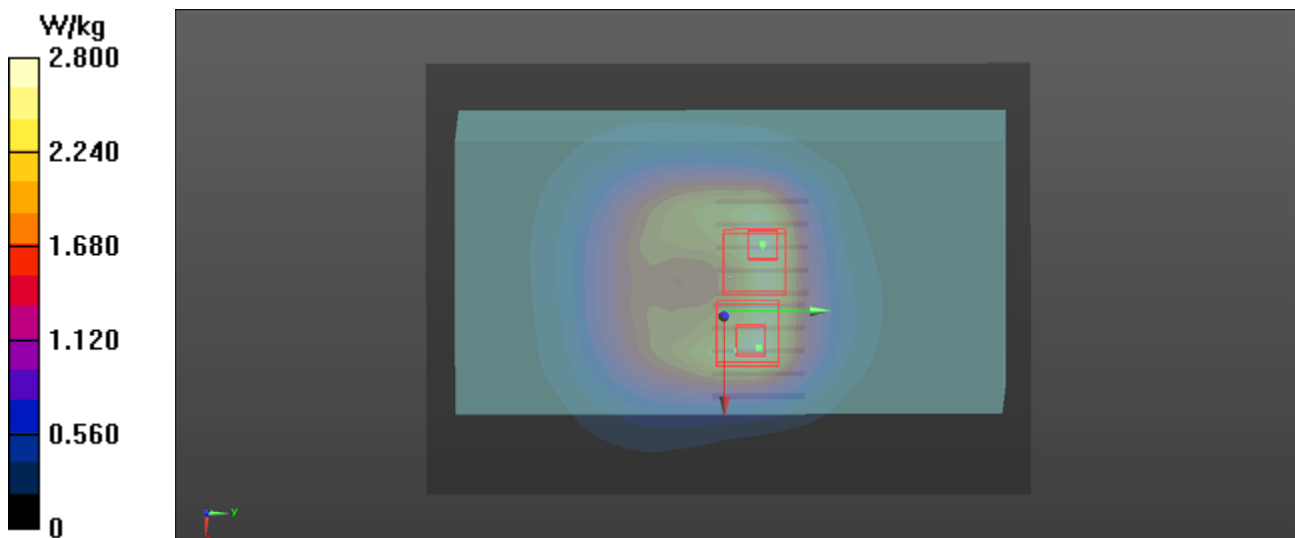
Peak SAR (extrapolated) = 2.92 W/kg

SAR(1 g) = 2.04 W/kg; SAR(10 g) = 1.42 W/kg

Smallest distance from peaks to all points 3 dB below = 15.8 mm

Ratio of SAR at M2 to SAR at M1 = 69%

Maximum value of SAR (measured) = 2.61 W/kg



15-2_RFID_FCC Band PR-ASK_Ch 2_Front Side_30mm_wo 2D

DUT: 3138-AX1-US

Communication System: UID 0, RFID (0); Frequency: 915.25 MHz; Duty Cycle: 1:1.01906

Medium: HSL 835 Medium parameters used: $f = 915.25$ MHz; $\sigma = 0.97$ S/m; $\epsilon_r = 43.557$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(8.93, 8.51, 8.53) @ 915.25 MHz; Calibrated: 12/16/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 12/5/2024
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: 2088
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch2/Area Scan (101x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

Ch2/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 39.32 V/m; Power Drift = 0.05 dB

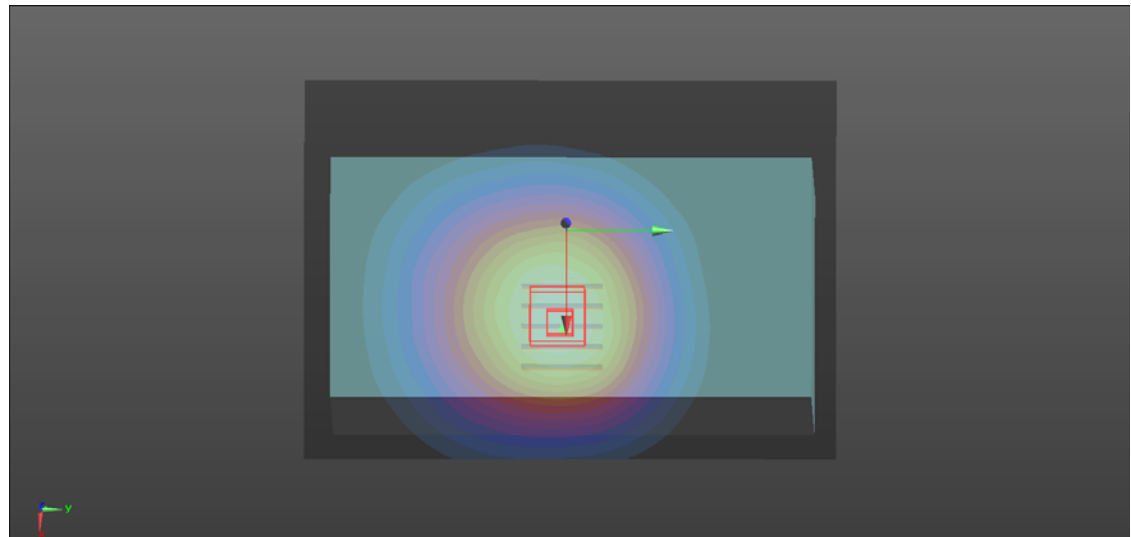
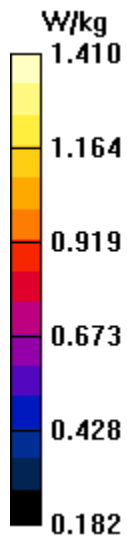
Peak SAR (extrapolated) = 1.55 W/kg

SAR(1 g) = 1.13 W/kg; SAR(10 g) = 0.840 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 71.8%

Maximum value of SAR (measured) = 1.41 W/kg



15-3_RFID_FCC Band PR-ASK_Ch 2_Front Side_30mm_w 2D

DUT: 3138-AS1-US

Communication System: UID 0, RFID (0); Frequency: 915.25 MHz; Duty Cycle: 1:1.01906

Medium: HSL 835 Medium parameters used: $f = 915.25$ MHz; $\sigma = 0.97$ S/m; $\epsilon_r = 43.557$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(8.93, 8.51, 8.53) @ 915.25 MHz; Calibrated: 12/16/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 12/5/2024
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: 2088
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch2/Area Scan (101x141x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 1.01 W/kg

Ch2/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 33.66 V/m; Power Drift = 0.00 dB

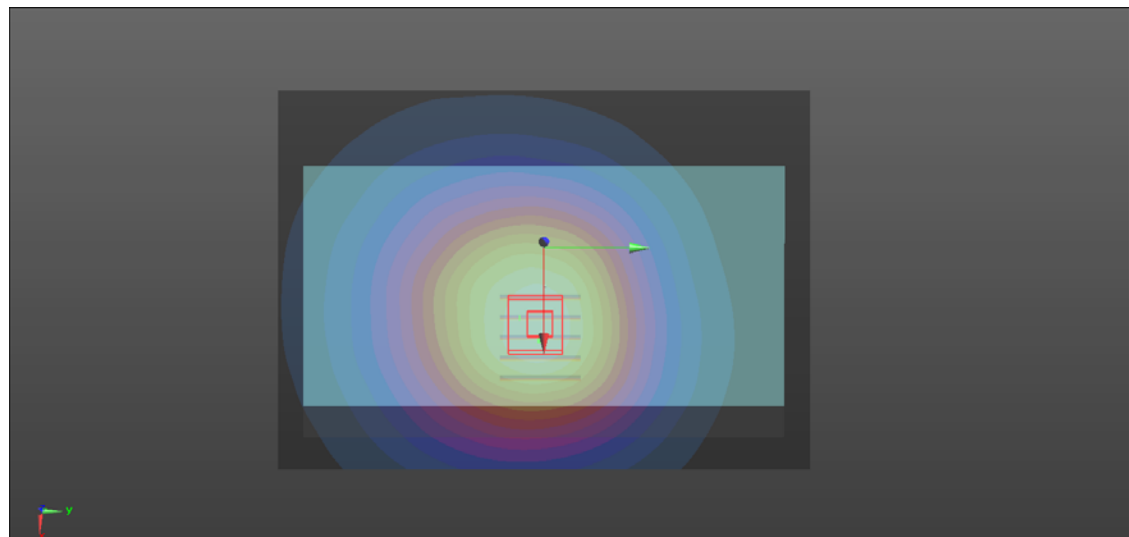
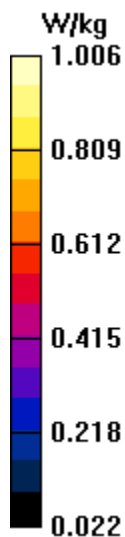
Peak SAR (extrapolated) = 1.10 W/kg

SAR(1 g) = 0.825 W/kg; SAR(10 g) = 0.612 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 73.2%

Maximum value of SAR (measured) = 1.00 W/kg



16_RFID_FCC Band PR-ASK_Ch 2_Back Side_0mm_wo 2D

DUT: 3138-AX1-US

Communication System: UID 0, RFID (0); Frequency: 915.25 MHz; Duty Cycle: 1:1.01906

Medium: HSL 835 Medium parameters used: $f = 915.25$ MHz; $\sigma = 1.018$ S/m; $\epsilon_r = 42.607$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(8.93, 8.51, 8.53) @ 915.25 MHz; Calibrated: 12/16/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 12/5/2024
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: 2088
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch2/Area Scan (101x141x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.0604 W/kg

Ch2/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 7.145 V/m; Power Drift = 0.09 dB

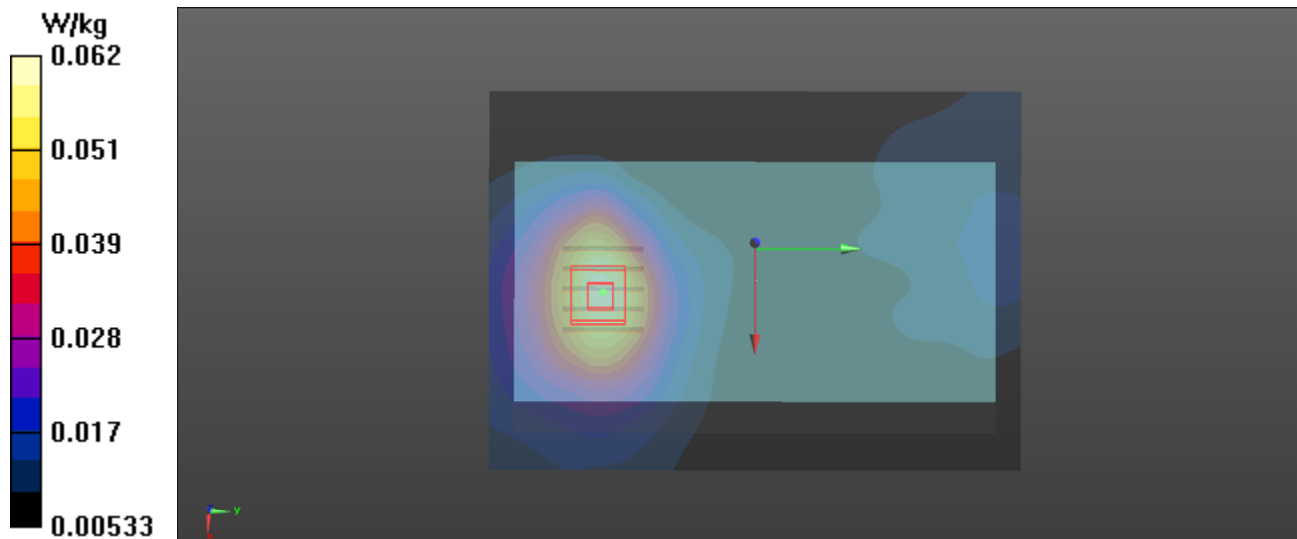
Peak SAR (extrapolated) = 0.0690 W/kg

SAR(1 g) = 0.048 W/kg; SAR(10 g) = 0.033 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 69.3%

Maximum value of SAR (measured) = 0.0620 W/kg



17_RFID_FCC Band PR-ASK_Ch 1_Front Side_0mm_wo 2D

DUT: 3138-AX1-US

Communication System: UID 0, RFID (0); Frequency: 902.75 MHz; Duty Cycle: 1:1.01906

Medium: HSL 835 Medium parameters used: $f = 902.75$ MHz; $\sigma = 1.016$ S/m; $\epsilon_r = 42.619$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(8.93, 8.51, 8.53) @ 902.75 MHz; Calibrated: 12/16/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 12/5/2024
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: 2088
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch1/Area Scan (101x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 4.99 W/kg

Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 55.95 V/m; Power Drift = -0.16 dB

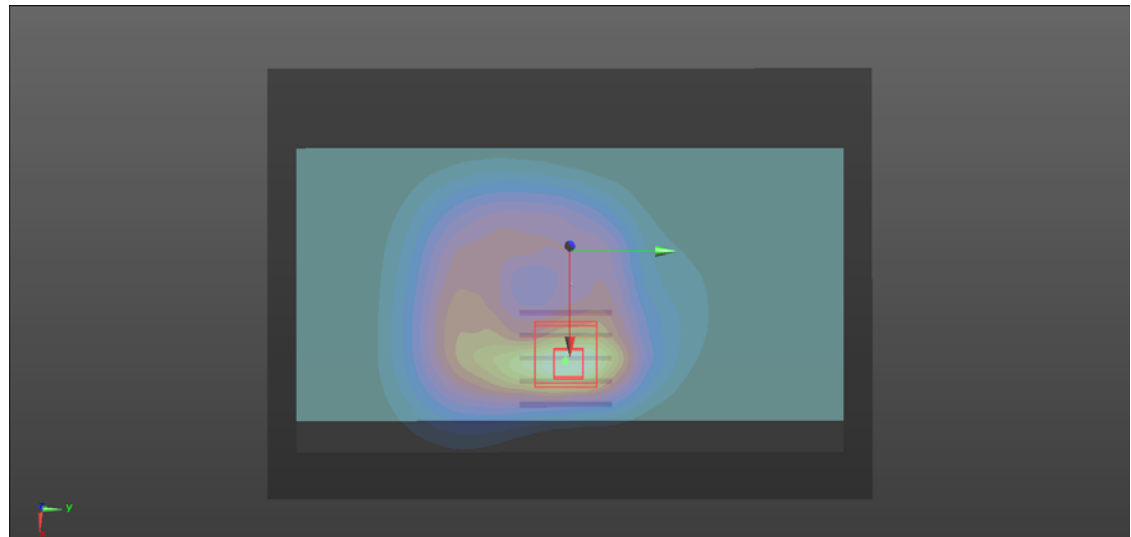
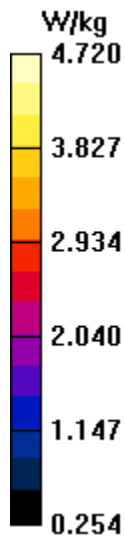
Peak SAR (extrapolated) = 5.26 W/kg

SAR(1 g) = 3.53 W/kg; SAR(10 g) = 2.31 W/kg

Smallest distance from peaks to all points 3 dB below = 14.4 mm

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

Maximum value of SAR (measured) = 4.72 W/kg



17-1_RFID_FCC Band PR-ASK_Ch 1_Front Side_0mm_w 2D**DUT: 3138-AS1-US**

Communication System: UID 0, RFID (0); Frequency: 902.75 MHz; Duty Cycle: 1:1.01906

Medium: HSL 835 Medium parameters used: $f = 902.75$ MHz; $\sigma = 1.016$ S/m; $\epsilon_r = 42.619$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(8.93, 8.51, 8.53) @ 902.75 MHz; Calibrated: 12/16/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 12/5/2024
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: 2088
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch1/Area Scan (101x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 4.76 W/kg

Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 59.48 V/m; Power Drift = -0.07 dB

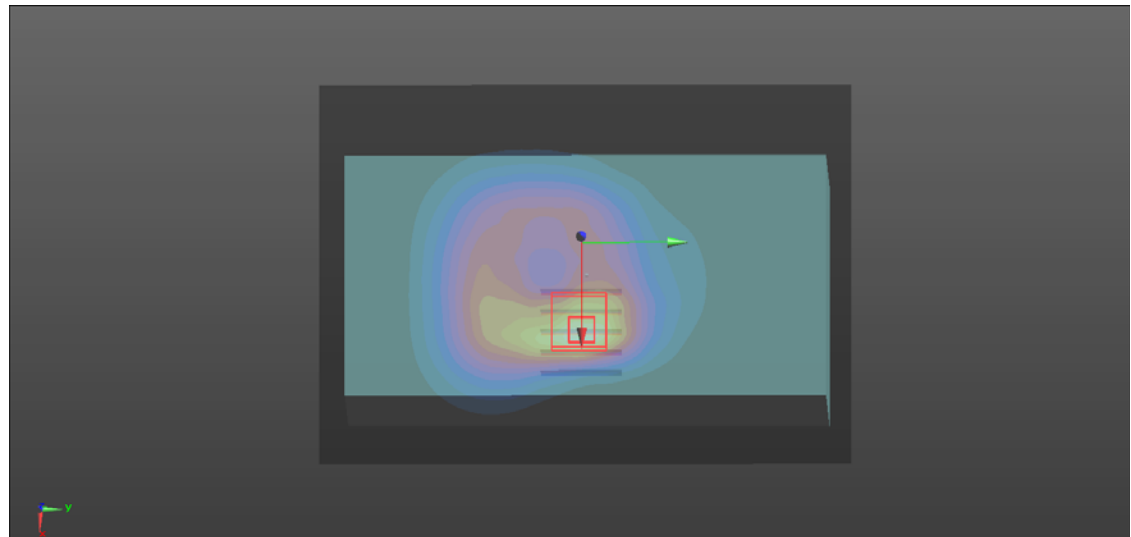
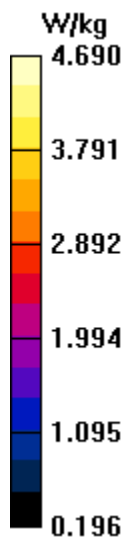
Peak SAR (extrapolated) = 5.30 W/kg

SAR(1 g) = 3.46 W/kg; SAR(10 g) = 2.25 W/kg

Smallest distance from peaks to all points 3 dB below = 12.8 mm

Ratio of SAR at M2 to SAR at M1 = 66.2%

Maximum value of SAR (measured) = 4.69 W/kg



18_RFID_FCC Band PR-ASK_Ch 3_Front Side_0mm_wo 2D

DUT: 3138-AX1-US

Communication System: UID 0, RFID (0); Frequency: 927.25 MHz; Duty Cycle: 1:1.01906

Medium: HSL 835 Medium parameters used: $f = 927.25$ MHz; $\sigma = 1.02$ S/m; $\epsilon_r = 42.521$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(8.93, 8.51, 8.53) @ 927.25 MHz; Calibrated: 12/16/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 12/5/2024
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: 2088
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch3/Area Scan (101x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 2.60 W/kg

Ch3/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 46.53 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 2.82 W/kg

SAR(1 g) = 1.94 W/kg; SAR(10 g) = 1.33 W/kg

Smallest distance from peaks to all points 3 dB below = 15.8 mm

Ratio of SAR at M2 to SAR at M1 = 68.8%

Maximum value of SAR (measured) = 2.48 W/kg

Ch3/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 46.53 V/m; Power Drift = -0.18 dB

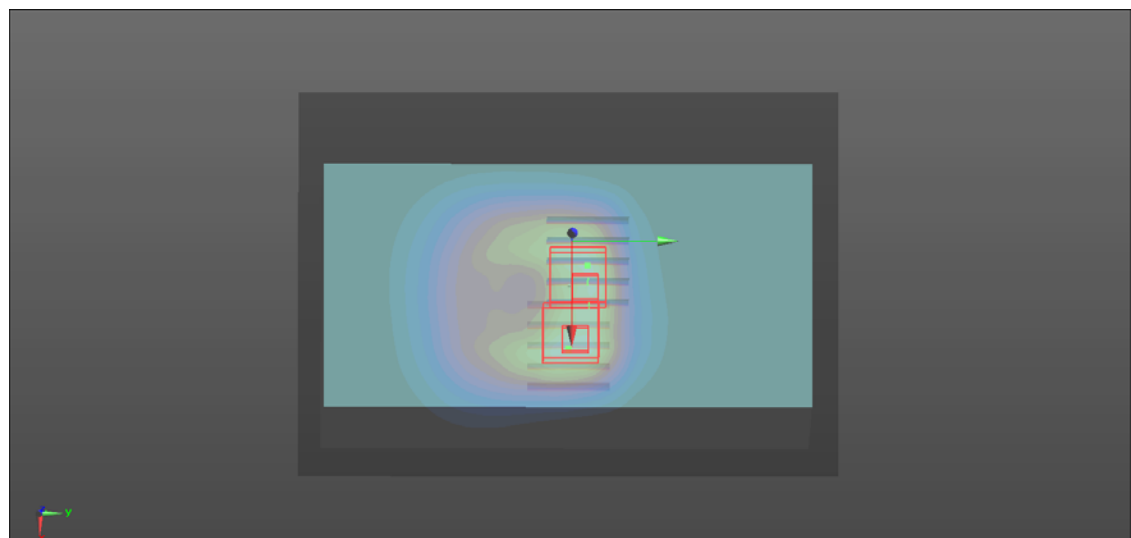
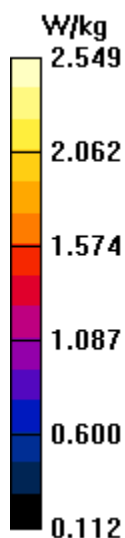
Peak SAR (extrapolated) = 2.83 W/kg

SAR(1 g) = 1.94 W/kg; SAR(10 g) = 1.32 W/kg

Smallest distance from peaks to all points 3 dB below = 15.2 mm

Ratio of SAR at M2 to SAR at M1 = 68.9%

Maximum value of SAR (measured) = 2.55 W/kg



18-1_RFID_FCC Band PR-ASK_Ch 3_Front Side_0mm_w 2D

DUT: 3138-AS1-US

Communication System: UID 0, RFID (0); Frequency: 927.25 MHz; Duty Cycle: 1:1.01906

Medium: HSL 835 Medium parameters used: $f = 927.25$ MHz; $\sigma = 1.02$ S/m; $\epsilon_r = 42.521$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(8.93, 8.51, 8.53) @ 927.25 MHz; Calibrated: 12/16/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 12/5/2024
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: 2088
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch3/Area Scan (101x141x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 2.43 W/kg

Ch3/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 43.56 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 2.84 W/kg

SAR(1 g) = 1.92 W/kg; SAR(10 g) = 1.29 W/kg

Smallest distance from peaks to all points 3 dB below = 14.3 mm

Ratio of SAR at M2 to SAR at M1 = 67.8%

Maximum value of SAR (measured) = 2.49 W/kg

Configuration/Ch3/Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 43.56 V/m; Power Drift = 0.13 dB

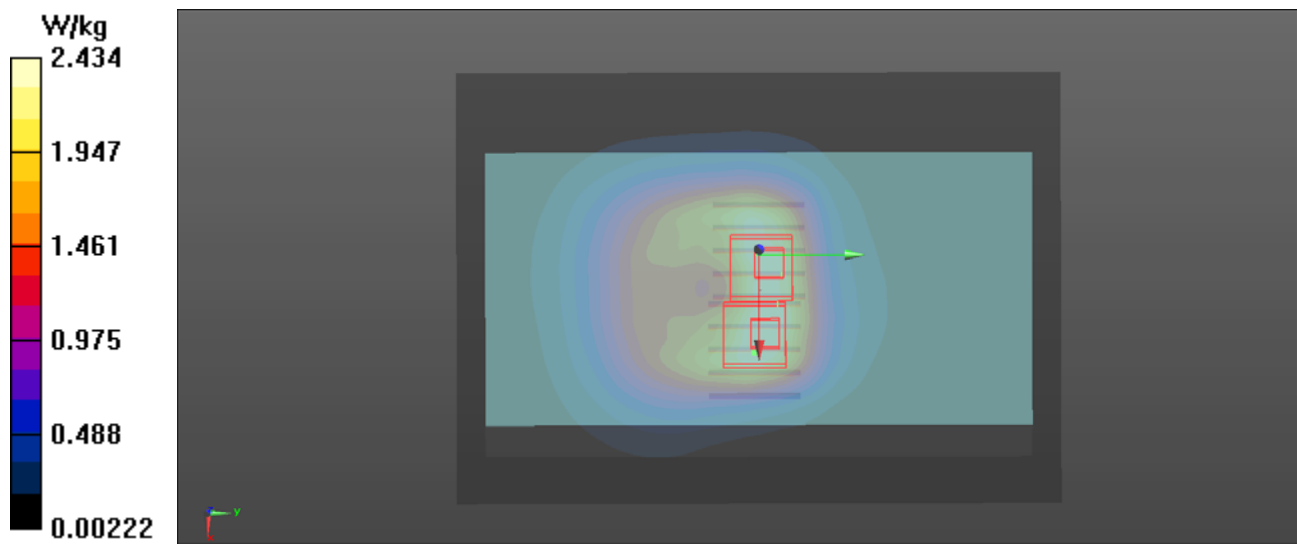
Peak SAR (extrapolated) = 2.78 W/kg

SAR(1 g) = 1.92 W/kg; SAR(10 g) = 1.3 W/kg

Smallest distance from peaks to all points 3 dB below = 14.8 mm

Ratio of SAR at M2 to SAR at M1 = 68.3%

Maximum value of SAR (measured) = 2.41 W/kg



21_BLE_FCC Band_1M CH39_Top Side_0mm_wo 2D

DUT: 3138-AX1-US

Communication System: UID 0, BLE (0); Frequency: 2480 MHz; Duty Cycle: 1:1.55239

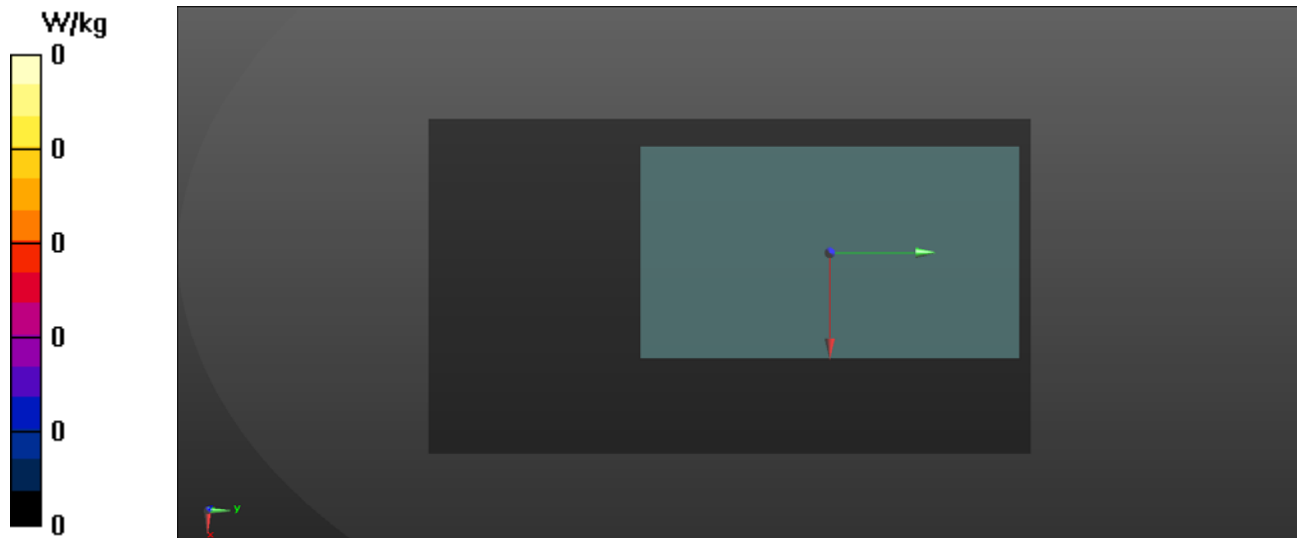
Medium: HSL 2450 Medium parameters used: $f = 2480$ MHz; $\sigma = 1.888$ S/m; $\epsilon_r = 42.129$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(7.24, 6.9, 6.92) @ 2480 MHz; Calibrated: 12/16/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 12/5/2024
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: 2088
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch39/Area Scan (101x181x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0 W/kg



22_BLE_FCC Band_1M CH39_BottomR Side_0mm_wo 2D

DUT: 3138-AX1-US

Communication System: UID 0, BLE (0); Frequency: 2480 MHz; Duty Cycle: 1:1.55239

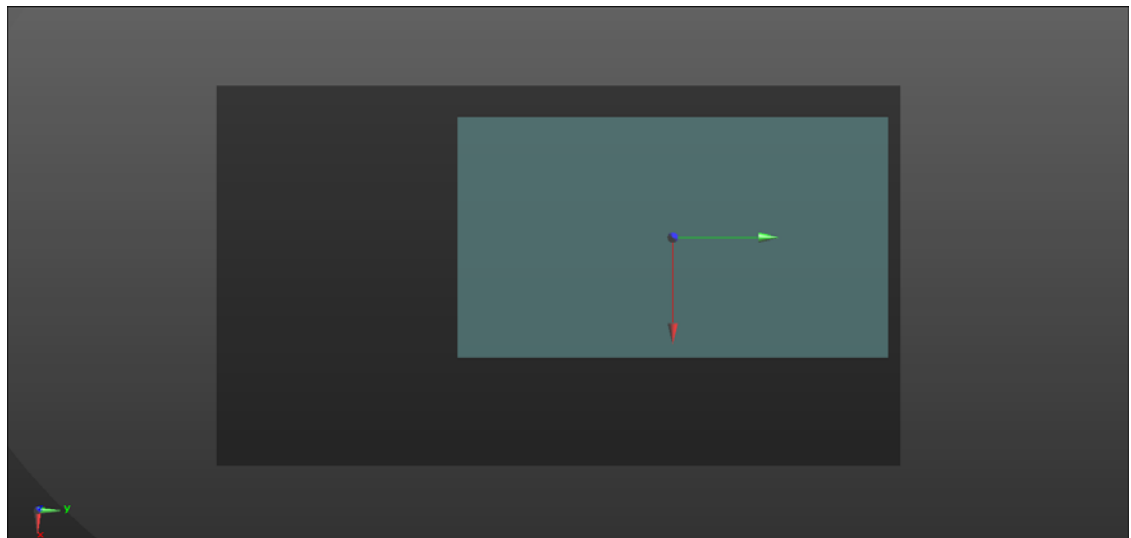
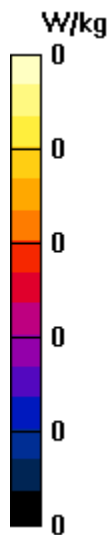
Medium: HSL 2450 Medium parameters used: $f = 2480$ MHz; $\sigma = 1.888$ S/m; $\epsilon_r = 42.129$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(7.24, 6.9, 6.92) @ 2480 MHz; Calibrated: 12/16/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 12/5/2024
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: 2088
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch39/Area Scan (101x181x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0 W/kg



23_BLE_FCC Band_1M CH39_Left Side_0mm_wo 2D

DUT: 3138-AX1-US

Communication System: UID 0, BLE (0); Frequency: 2480 MHz; Duty Cycle: 1:1.55239

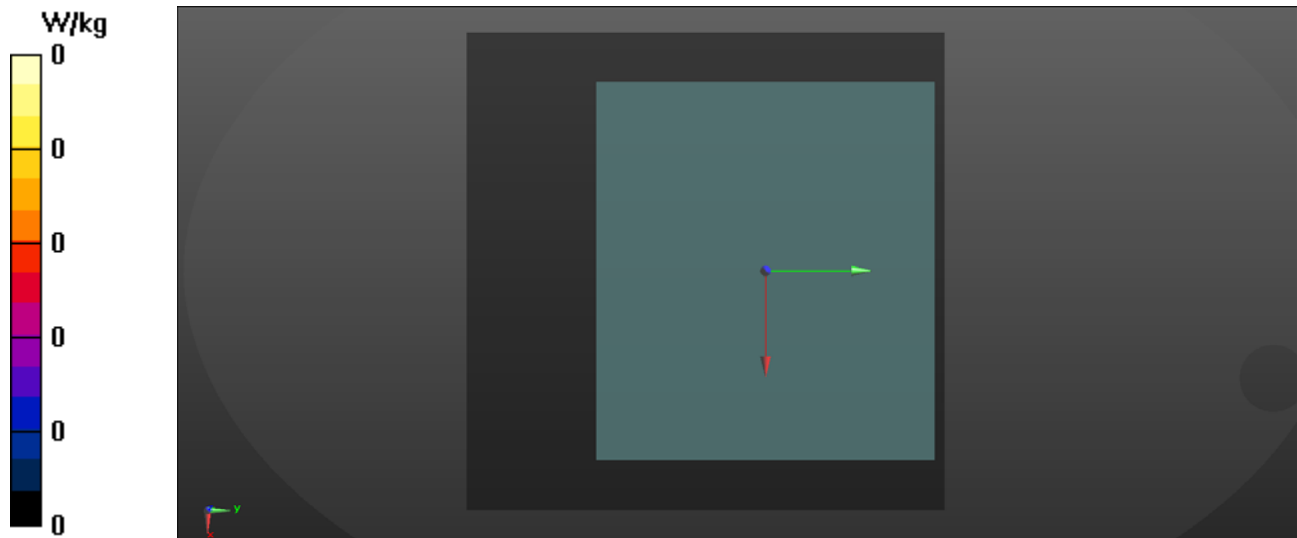
Medium: HSL 2450 Medium parameters used: $f = 2480$ MHz; $\sigma = 1.888$ S/m; $\epsilon_r = 42.129$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(7.24, 6.9, 6.92) @ 2480 MHz; Calibrated: 12/16/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 12/5/2024
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: 2088
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch39/Area Scan (161x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0 W/kg



24_BLE_FCC Band_1M CH39_Right Side_0mm_wo 2D**DUT: 3138-AX1-US**

Communication System: UID 0, BLE (0); Frequency: 2480 MHz; Duty Cycle: 1:1.55239

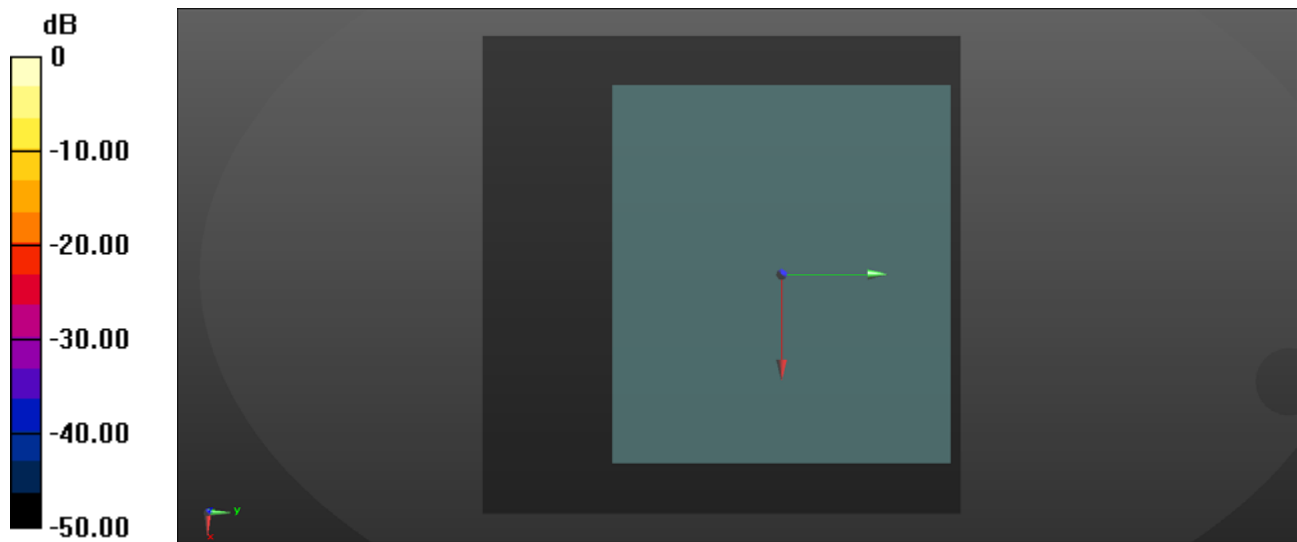
Medium: HSL 2450 Medium parameters used: $f = 2480$ MHz; $\sigma = 1.888$ S/m; $\epsilon_r = 42.129$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(7.24, 6.9, 6.92) @ 2480 MHz; Calibrated: 12/16/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 12/5/2024
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: 2088
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch39/Area Scan (161x161x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0 W/kg



0 dB = 0 W/kg = -999.00 dBW/kg

25_BLE_FCC Band_1M CH39_Front Side_0mm_wo 2D**DUT: 3138-AX1-US**

Communication System: UID 0, BLE (0); Frequency: 2480 MHz; Duty Cycle: 1:1.55239

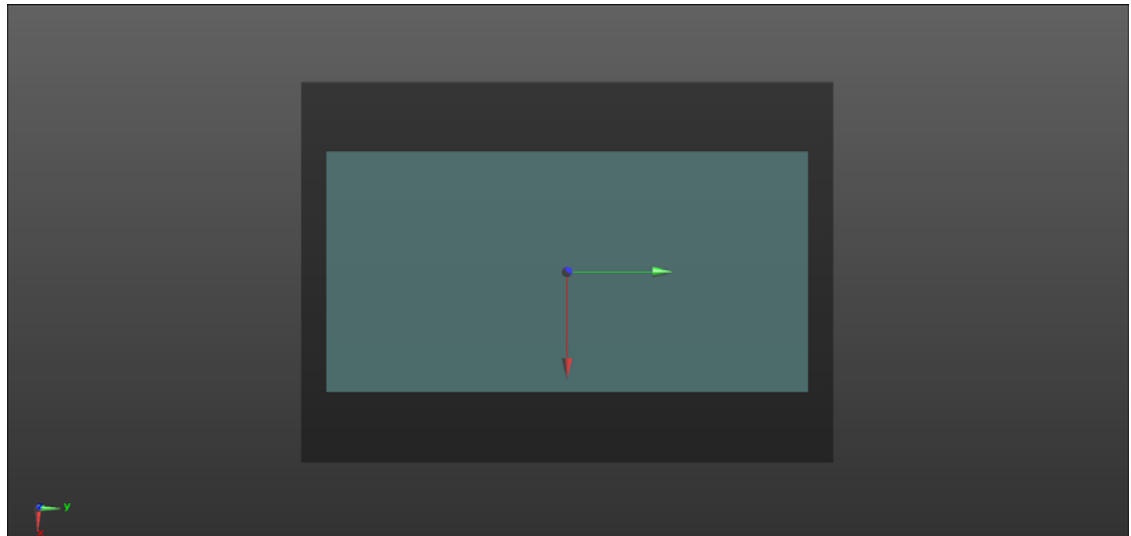
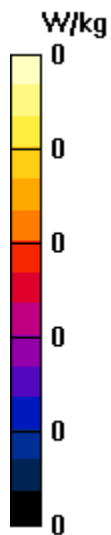
Medium: HSL 2450 Medium parameters used: $f = 2480$ MHz; $\sigma = 1.888$ S/m; $\epsilon_r = 42.129$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(7.24, 6.9, 6.92) @ 2480 MHz; Calibrated: 12/16/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 12/5/2024
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: 2088
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch39/Area Scan (101x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0 W/kg



26_BLE_FCC Band_1M CH39_Back Side_0mm_wo 2D

DUT: 3138-AX1-US

Communication System: UID 0, BLE (0); Frequency: 2480 MHz; Duty Cycle: 1:1.55239

Medium: HSL 2450 Medium parameters used: $f = 2480$ MHz; $\sigma = 1.888$ S/m; $\epsilon_r = 42.129$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(7.24, 6.9, 6.92) @ 2480 MHz; Calibrated: 12/16/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 12/5/2024
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: 2088
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch39/Area Scan (101x141x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.00390 W/kg

Ch39/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 1.170 V/m; Power Drift = 0.12 dB

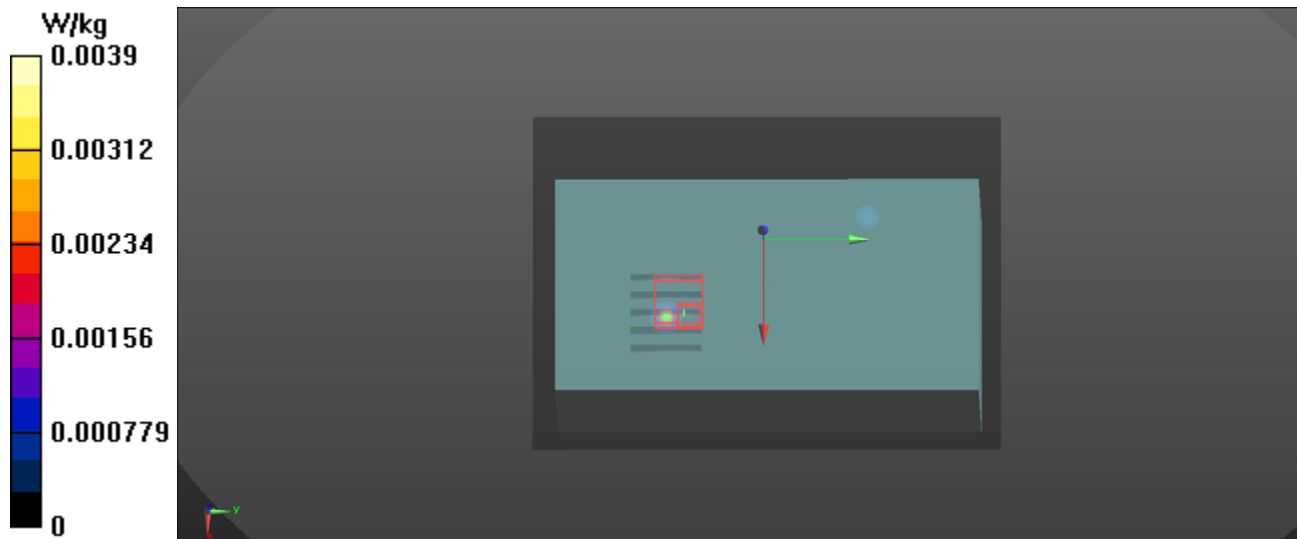
Peak SAR (extrapolated) = 0.0140 W/kg

SAR(1 g) = 0.00335 W/kg; SAR(10 g) = 0.000933 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 53.7%

Maximum value of SAR (measured) = 0.00786 W/kg



26-1_BLE_FCC Band_1M CH0_Back Side_0mm_wo 2D**DUT: 3138-AX1-US**

Communication System: UID 0, BLE (0); Frequency: 2402 MHz; Duty Cycle: 1:1.55239

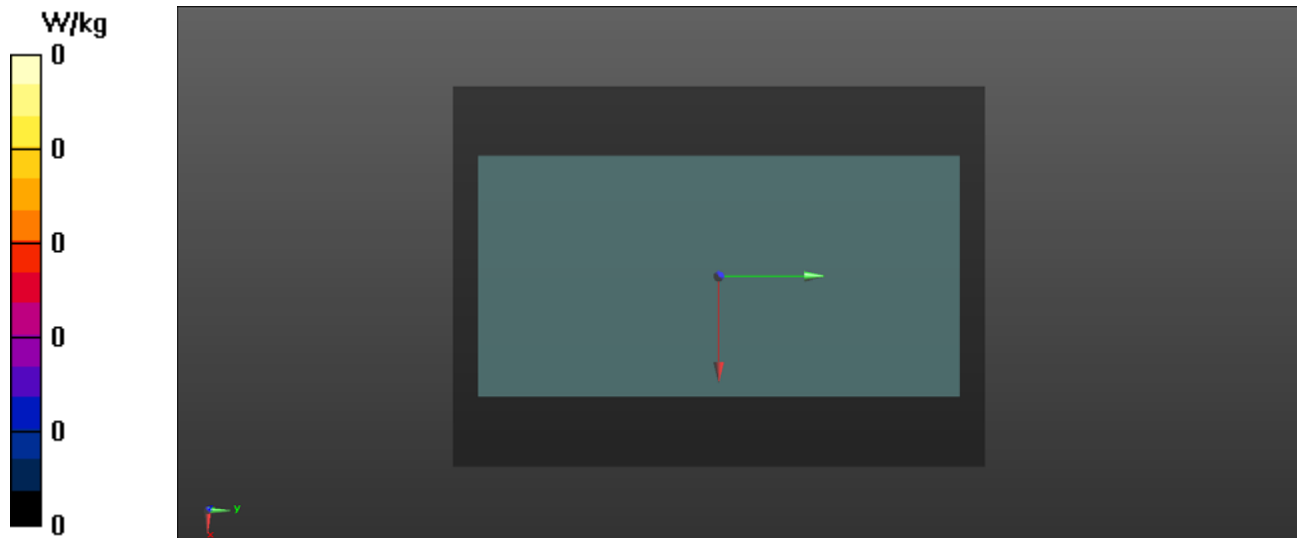
Medium: HSL 2450 Medium parameters used: $f = 2402$ MHz; $\sigma = 1.822$ S/m; $\epsilon_r = 42.228$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(7.24, 6.9, 6.92) @ 2402 MHz; Calibrated: 12/16/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 12/5/2024
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: 2088
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch0/Area Scan (101x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0 W/kg



26-2_BLE_FCC Band_1M CH19_Back Side_0mm_wo 2D

DUT: 3138-AX1-US

Communication System: UID 0, BLE (0); Frequency: 2440 MHz; Duty Cycle: 1:1.55239

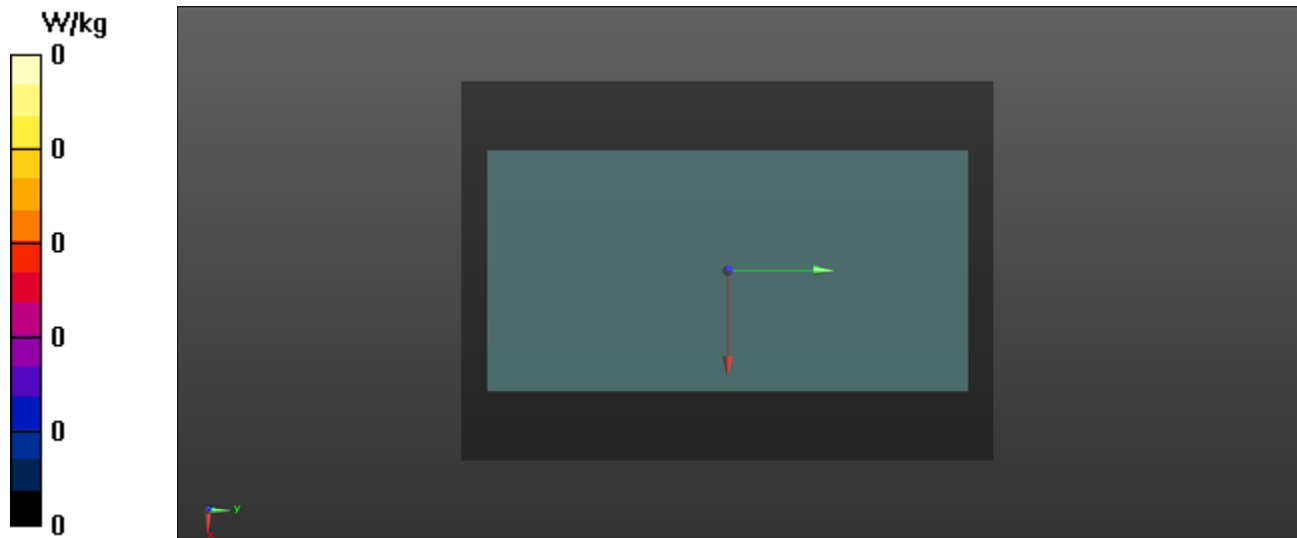
Medium: HSL 2450 Medium parameters used: $f = 2440$ MHz; $\sigma = 1.859$ S/m; $\epsilon_r = 42.179$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(7.24, 6.9, 6.92) @ 2440 MHz; Calibrated: 12/16/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 12/5/2024
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: 2088
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch19/Area Scan (101x141x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0 W/kg



26-3_BLE_FCC Band_1M CH39_Back Side_0mm_w 2D

DUT: 3138-AS1-US

Communication System: UID 0, BLE (0); Frequency: 2480 MHz; Duty Cycle: 1:1.55239

Medium: HSL 2450 Medium parameters used: $f = 2480$ MHz; $\sigma = 1.888$ S/m; $\epsilon_r = 42.129$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(7.24, 6.9, 6.92) @ 2480 MHz; Calibrated: 12/16/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 12/5/2024
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: 2088
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch39/Area Scan (101x141x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.00630 W/kg

Ch39/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 1.381 V/m; Power Drift = 0.18 dB

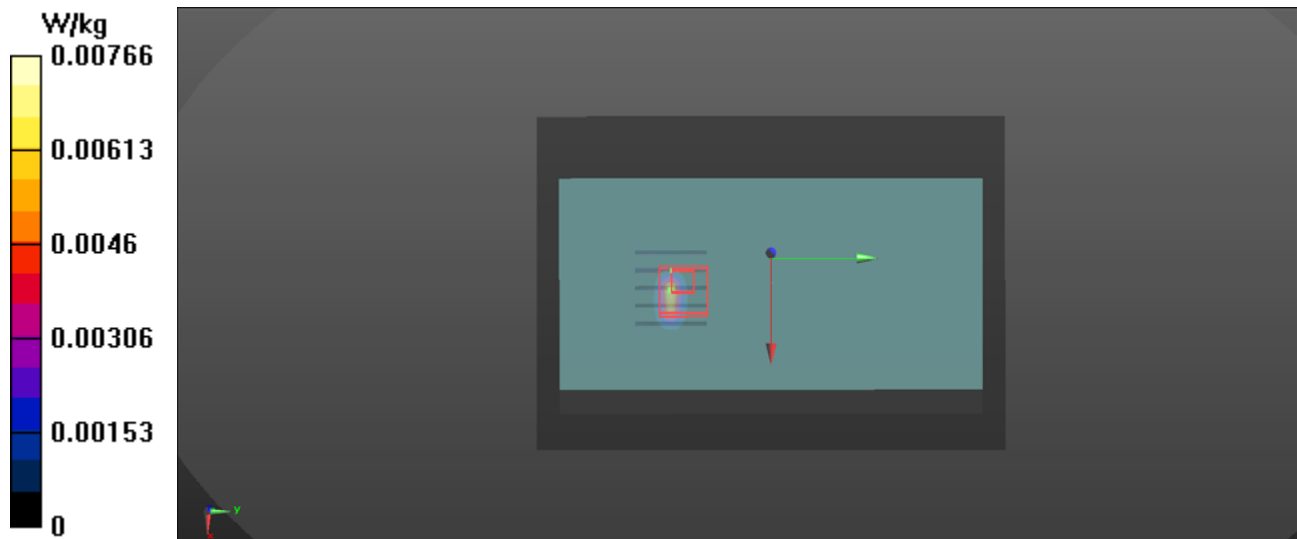
Peak SAR (extrapolated) = 0.0140 W/kg

SAR(1 g) = 0.00223 W/kg; SAR(10 g) = 0.000785 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

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

Maximum value of SAR (measured) = 0.00766 W/kg



31_Bluetooth_FCC Band_1M CH78_Top Side_0mm_wo 2D

DUT: 3138-AX1-US

Communication System: UID 0, Bluetooth (0); Frequency: 2480 MHz; Duty Cycle: 1:1.29628

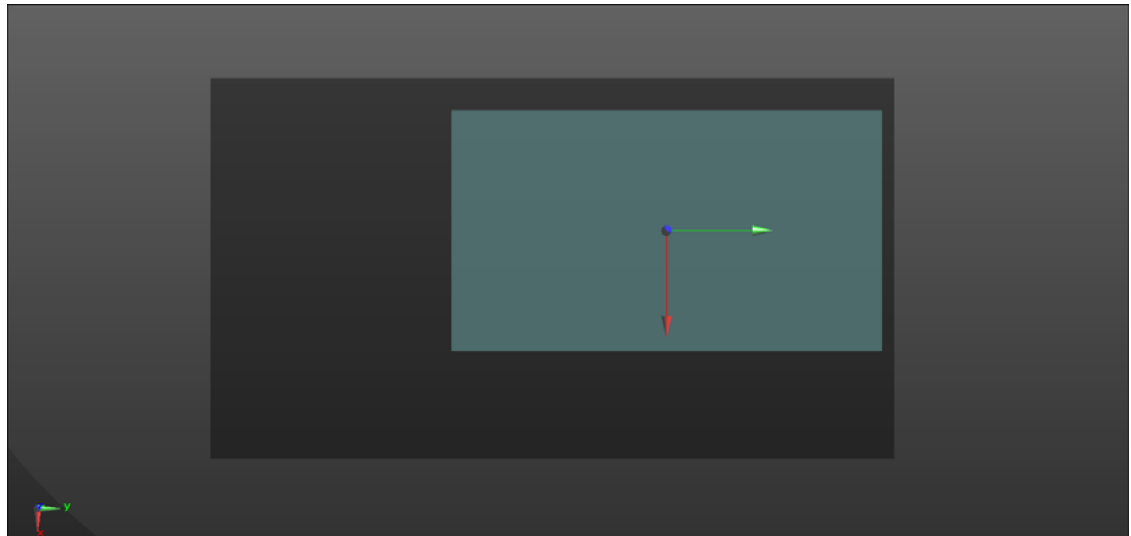
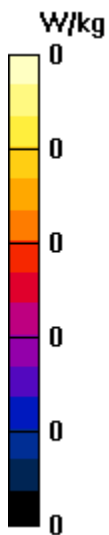
Medium: HSL 2450 Medium parameters used: $f = 2480$ MHz; $\sigma = 1.888$ S/m; $\epsilon_r = 42.129$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(7.24, 6.9, 6.92) @ 2480 MHz; Calibrated: 12/16/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 12/5/2024
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: 2088
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch78/Area Scan (101x181x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0 W/kg



32_Bluetooth_FCC Band_1M CH78_BottomR Side_0mm_wo 2D

DUT: 3138-AX1-US

Communication System: UID 0, Bluetooth (0); Frequency: 2480 MHz; Duty Cycle: 1:1.29628

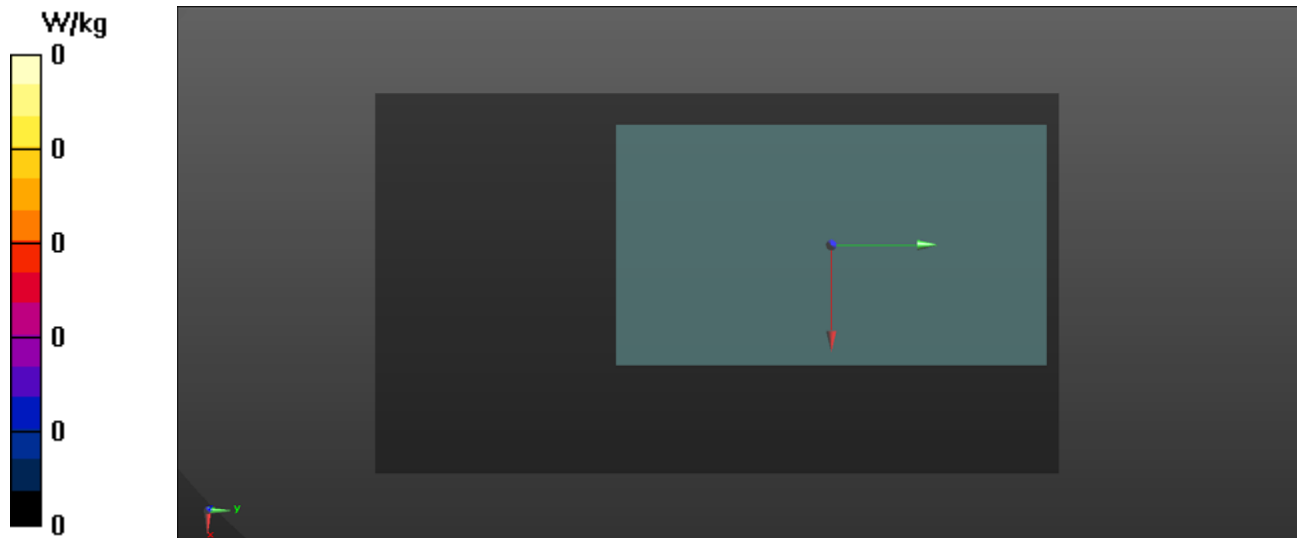
Medium: HSL 2450 Medium parameters used: $f = 2480$ MHz; $\sigma = 1.888$ S/m; $\epsilon_r = 42.129$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(7.24, 6.9, 6.92) @ 2480 MHz; Calibrated: 12/16/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 12/5/2024
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: 2088
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch78/Area Scan (101x181x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0 W/kg



33_Bluetooth_FCC Band_1M CH78_Left Side_0mm_wo 2D

DUT: 3138-AX1-US

Communication System: UID 0, Bluetooth (0); Frequency: 2480 MHz; Duty Cycle: 1:1.29628

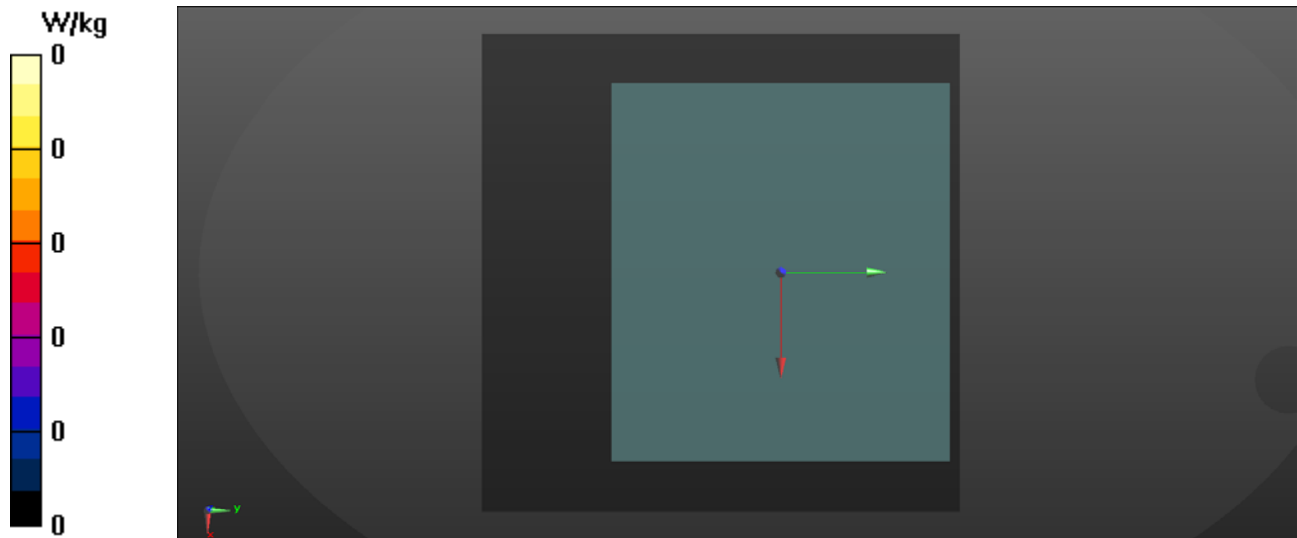
Medium: HSL 2450 Medium parameters used: $f = 2480$ MHz; $\sigma = 1.888$ S/m; $\epsilon_r = 42.129$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(7.24, 6.9, 6.92) @ 2480 MHz; Calibrated: 12/16/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 12/5/2024
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: 2088
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch78/Area Scan (161x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0 W/kg



34_Bluetooth_FCC Band_1M CH78_Right Side_0mm_wo 2D

DUT: 3138-AX1-US

Communication System: UID 0, Bluetooth (0); Frequency: 2480 MHz; Duty Cycle: 1:1.29628

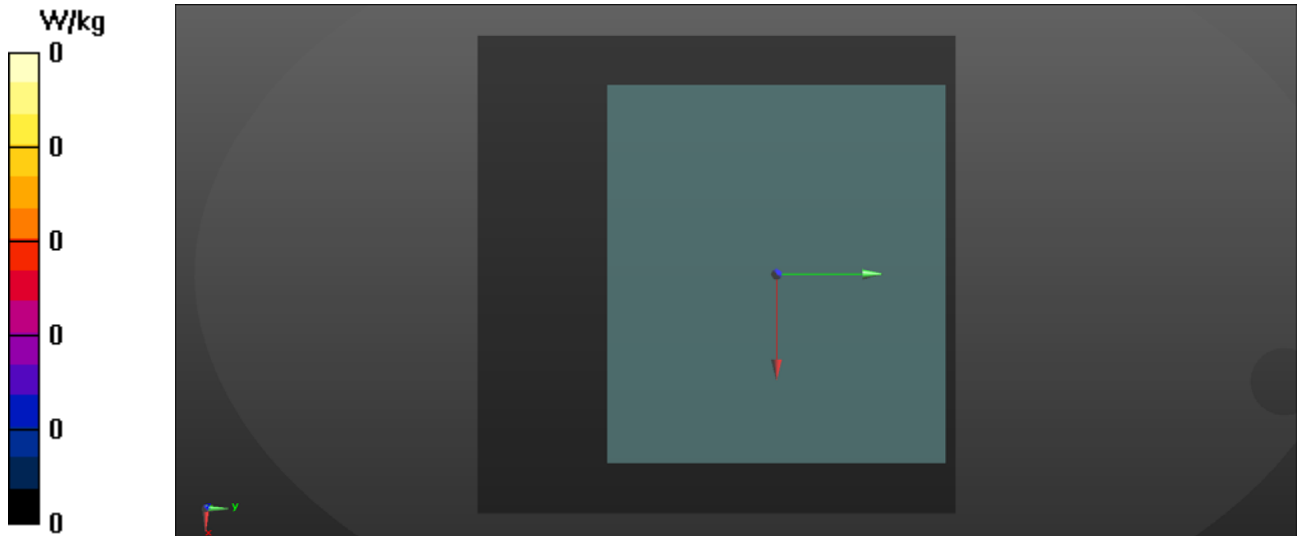
Medium: HSL 2450 Medium parameters used: $f = 2480 \text{ MHz}$; $\sigma = 1.888 \text{ S/m}$; $\epsilon_r = 42.129$; $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(7.24, 6.9, 6.92) @ 2480 MHz; Calibrated: 12/16/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 12/5/2024
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: 2088
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch78/Area Scan (161x161x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0 W/kg



35_Bluetooth_FCC Band_1M CH78_Front Side_0mm_wo 2D

DUT: 3138-AX1-US

Communication System: UID 0, Bluetooth (0); Frequency: 2480 MHz; Duty Cycle: 1:1.29628

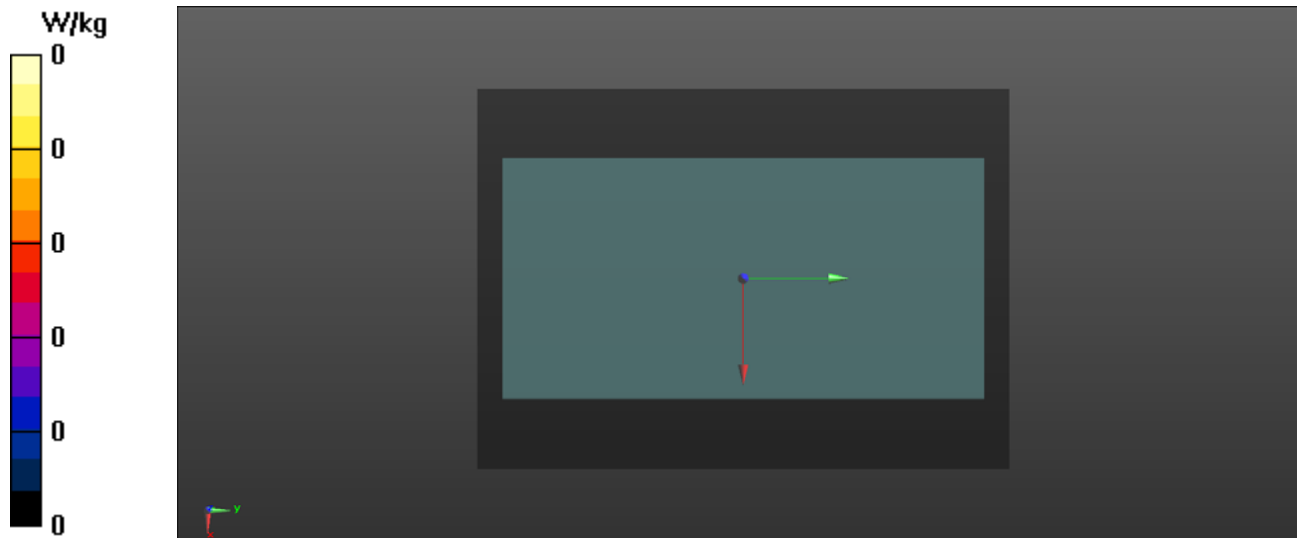
Medium: HSL 2450 Medium parameters used: $f = 2480$ MHz; $\sigma = 1.888$ S/m; $\epsilon_r = 42.129$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(7.24, 6.9, 6.92) @ 2480 MHz; Calibrated: 12/16/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 12/5/2024
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: 2088
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch78/Area Scan (101x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0 W/kg



36_Bluetooth_FCC Band_1M CH78_Back Side_0mm_wo 2D

DUT: 3138-AX1-US

Communication System: UID 0, Bluetooth (0); Frequency: 2480 MHz; Duty Cycle: 1:1.29628

Medium: HSL 2450 Medium parameters used: $f = 2480$ MHz; $\sigma = 1.888$ S/m; $\epsilon_r = 42.129$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(7.24, 6.9, 6.92) @ 2480 MHz; Calibrated: 12/16/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 12/5/2024
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: 2088
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch78/Area Scan (101x141x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.0135 W/kg

Ch78/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 1.895 V/m; Power Drift = 0.12 dB

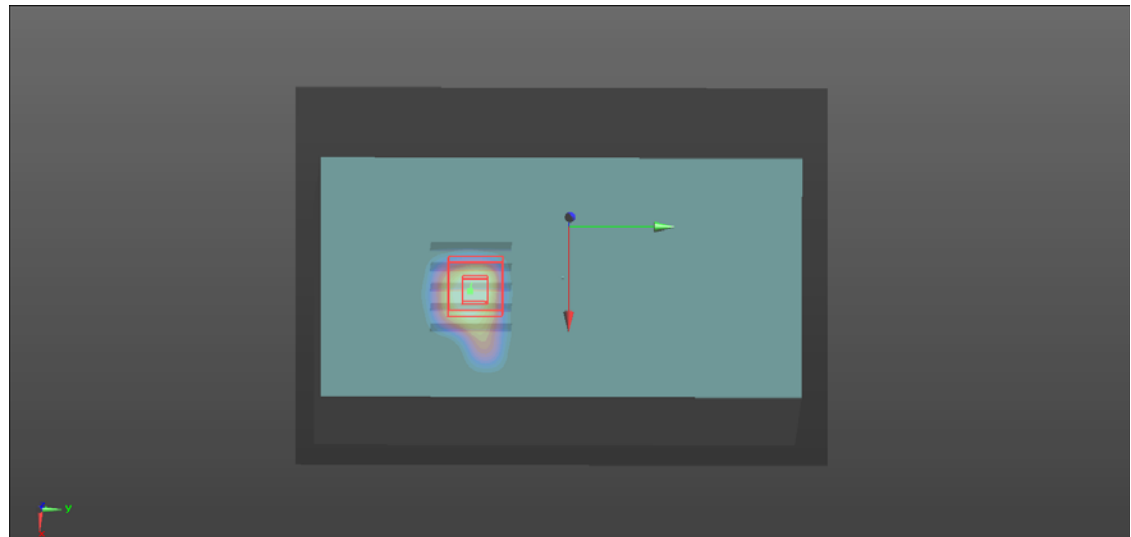
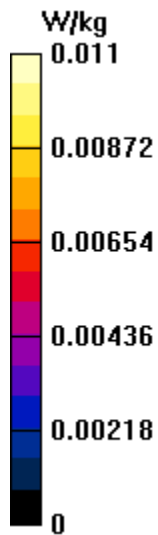
Peak SAR (extrapolated) = 0.0160 W/kg

SAR(1 g) = 0.00602 W/kg; SAR(10 g) = 0.00191 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 54.6%

Maximum value of SAR (measured) = 0.0109 W/kg



36-1_Bluetooth_FCC Band_1M CH0_Back Side_0mm_wo 2D

DUT: 3138-AX1-US

Communication System: UID 0, Bluetooth (0); Frequency: 2402 MHz; Duty Cycle: 1:1.29628

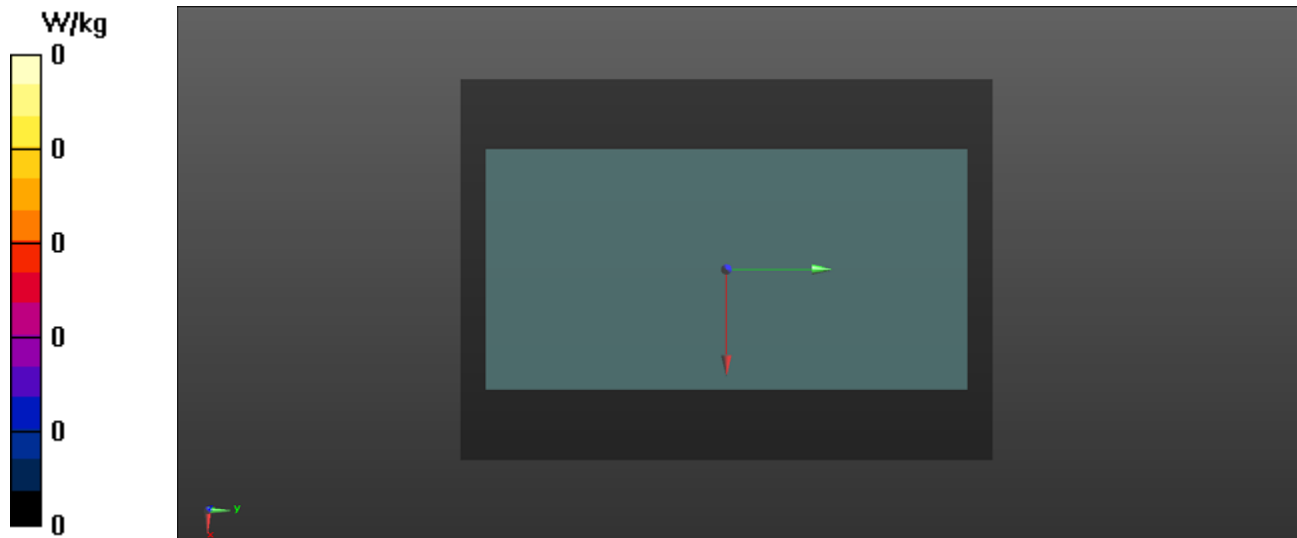
Medium: HSL 2450 Medium parameters used: $f = 2402$ MHz; $\sigma = 1.822$ S/m; $\epsilon_r = 42.228$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(7.24, 6.9, 6.92) @ 2402 MHz; Calibrated: 12/16/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 12/5/2024
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: 2088
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch0/Area Scan (101x141x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0 W/kg



36-2_Bluetooth_FCC Band_1M CH39_Back Side_0mm_wo 2D

DUT: 3138-AX1-US

Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz; Duty Cycle: 1:1.29628

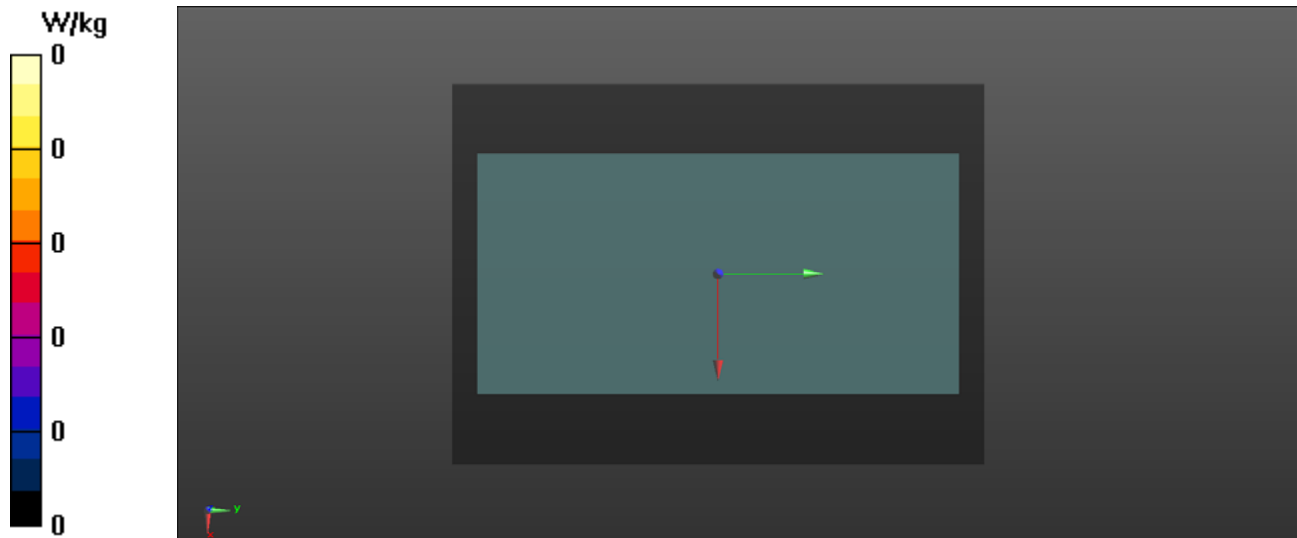
Medium: HSL 2450 Medium parameters used: $f = 2441$ MHz; $\sigma = 1.86$ S/m; $\epsilon_r = 42.18$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(7.24, 6.9, 6.92) @ 2441 MHz; Calibrated: 12/16/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 12/5/2024
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: 2088
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch39/Area Scan (101x141x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0 W/kg



36-3_Bluetooth_FCC Band_1M CH78_Back Side_0mm_w 2D

DUT: 3138-AS1-US

Communication System: UID 0, Bluetooth (0); Frequency: 2480 MHz; Duty Cycle: 1:1.29628

Medium: HSL 2450 Medium parameters used: $f = 2480$ MHz; $\sigma = 1.888$ S/m; $\epsilon_r = 42.129$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(7.24, 6.9, 6.92) @ 2480 MHz; Calibrated: 12/16/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 12/5/2024
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: 2088
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch78/Area Scan (101x141x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.0144 W/kg

Ch78/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 2.022 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.0190 W/kg

SAR(1 g) = 0.00558 W/kg; SAR(10 g) = 0.00184 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 47.2%

Maximum value of SAR (measured) = 0.0121 W/kg

