Date: 2019/4/29

LTE Band 4 (20MHz)_Body_Edge2_CH 20300_QPSK_1-99_5mm-Reduce power

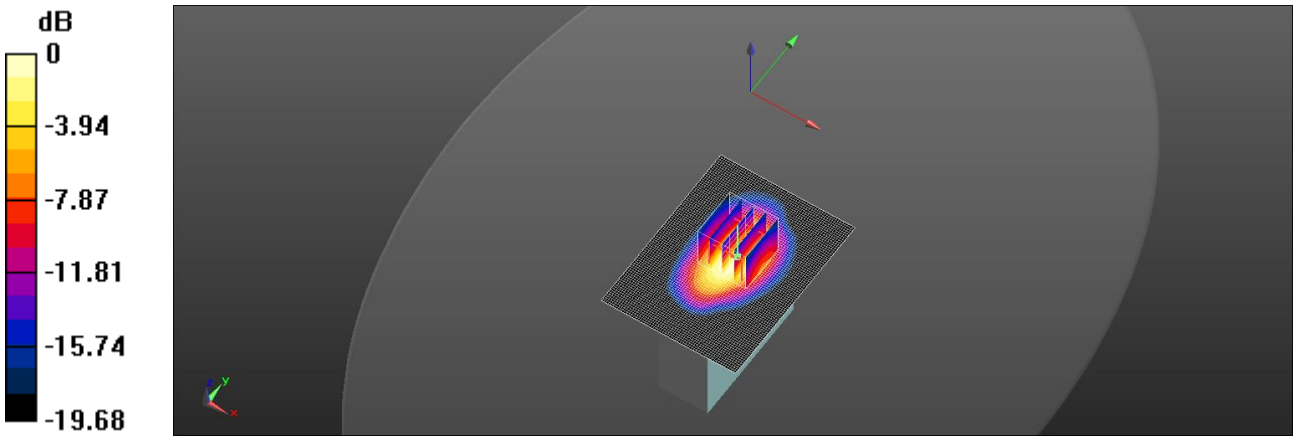
Communication System: LTE; Frequency: 1745 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1745 MHz; σ = 1.434 S/m; ε_r = 51.507; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.5°C; Liquid temperature: 22.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7466; ConvF(8.48, 8.48, 8.48); Calibrated: 2019/2/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1336; Calibrated: 2018/8/6
- Phantom: ELI
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (61x81x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 1.74 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.79 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 2.03 W/kg
SAR(1 g) = 1.08 W/kg; SAR(10 g) = 0.542 W/kg
Maximum value of SAR (measured) = 1.58 W/kg



0 dB = 1.58 W/kg = 1.99 dBW/kg

Date: 2019/4/29

LTE Band 4 (20MHz)_Body_Edge2_CH 20300_QPSK_50-0_5mm-Reduce power

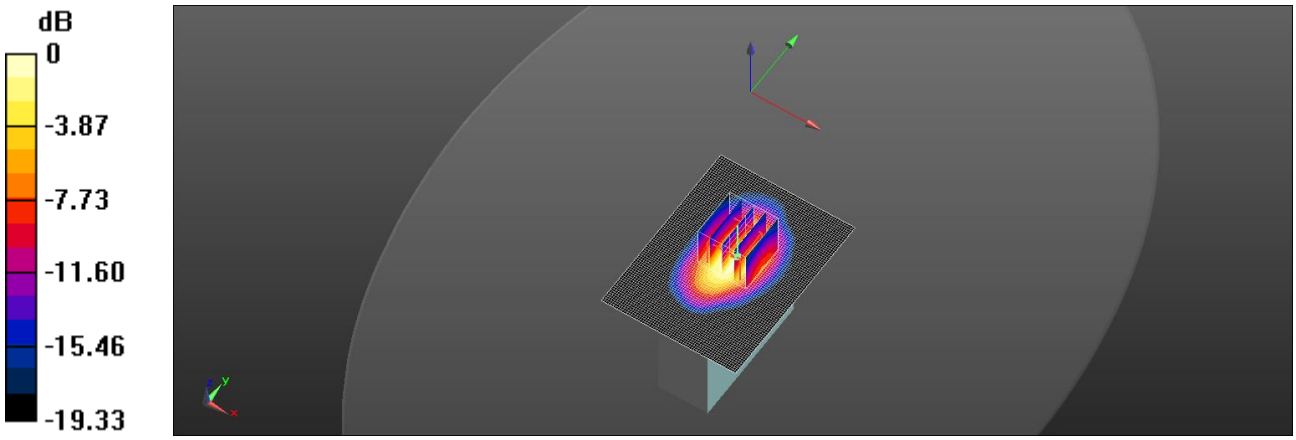
Communication System: LTE; Frequency: 1745 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1745 MHz; σ = 1.434 S/m; ε_r = 51.507; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.5°C; Liquid temperature: 22.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7466; ConvF(8.48, 8.48, 8.48); Calibrated: 2019/2/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1336; Calibrated: 2018/8/6
- Phantom: ELI
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (61x81x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 1.83 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.08 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 2.17 W/kg
SAR(1 g) = 1.14 W/kg; SAR(10 g) = 0.573 W/kg
Maximum value of SAR (measured) = 1.67 W/kg



0 dB = 1.67 W/kg = 2.23 dBW/kg

Date: 2019/4/29

LTE Band 4 (20MHz)_Body_Edge2_CH 20300_QPSK_100-0_5mm-Reduce power

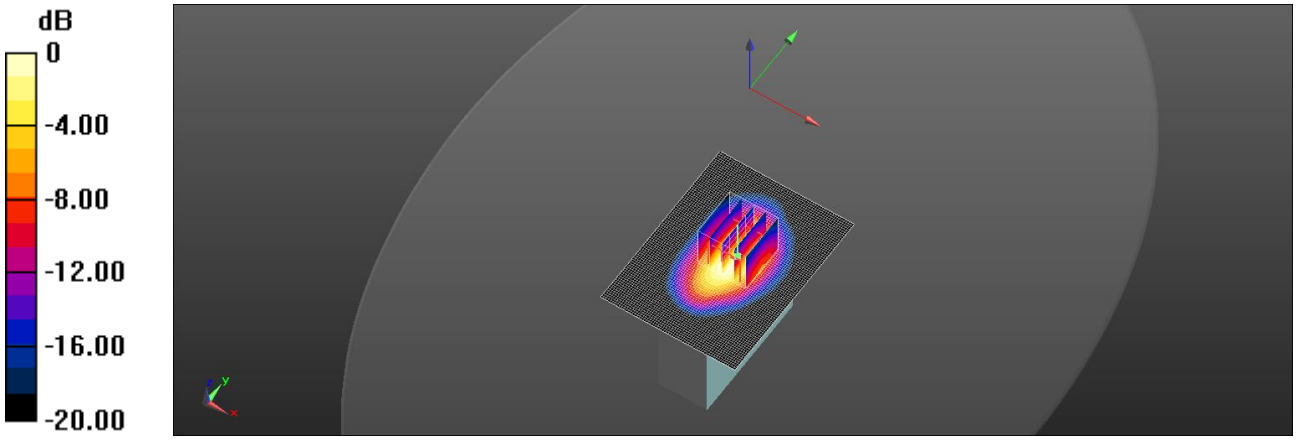
Communication System: LTE; Frequency: 1745 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1745 MHz; σ = 1.434 S/m; ε_r = 51.507; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.5°C; Liquid temperature: 22.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7466; ConvF(8.48, 8.48, 8.48); Calibrated: 2019/2/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1336; Calibrated: 2018/8/6
- Phantom: ELI
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (61x81x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 1.83 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.75 V/m; Power Drift = 0.19 dB
Peak SAR (extrapolated) = 2.22 W/kg
SAR(1 g) = 1.14 W/kg; SAR(10 g) = 0.562 W/kg
Maximum value of SAR (measured) = 1.67 W/kg



0 dB = 1.67 W/kg = 2.23 dBW/kg

Date: 2019/4/29

LTE Band 4 (20MHz)_Body_Edge2_CH 20300_QPSK_100-0_5mm-Reduce power-Repeat

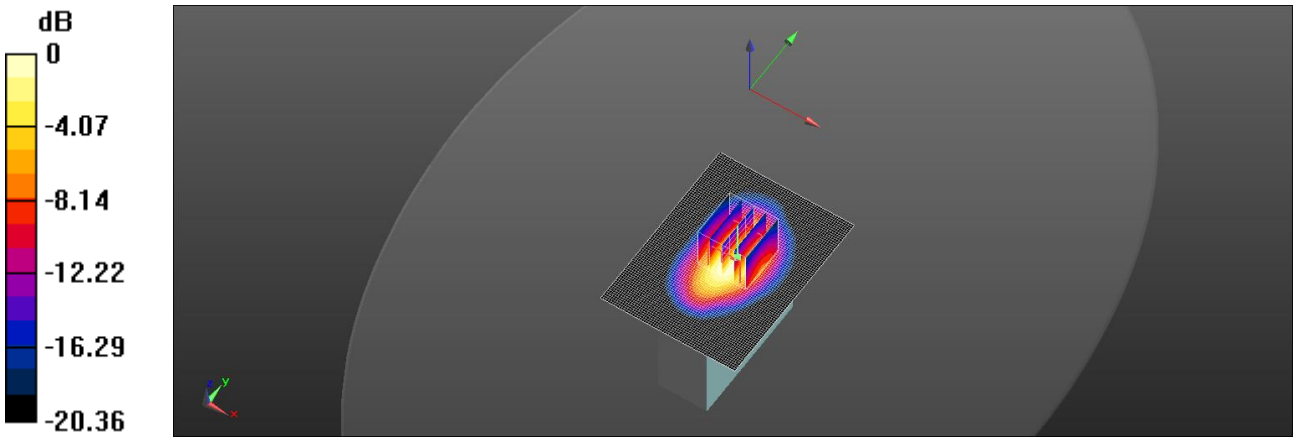
Communication System: LTE; Frequency: 1745 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1745 MHz; σ = 1.434 S/m; ε_r = 51.507; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.5°C; Liquid temperature: 22.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7466; ConvF(8.48, 8.48, 8.48); Calibrated: 2019/2/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1336; Calibrated: 2018/8/6
- Phantom: ELI
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (61x81x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 1.80 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.70 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 2.19 W/kg
SAR(1 g) = 1.13 W/kg; SAR(10 g) = 0.556 W/kg
Maximum value of SAR (measured) = 1.66 W/kg



0 dB = 1.66 W/kg = 2.20 dBW/kg

Date: 2019/4/29

LTE Band 4 (20MHz)_Body_Edge1_CH 20300_QPSK_1-99_5mm-Full power

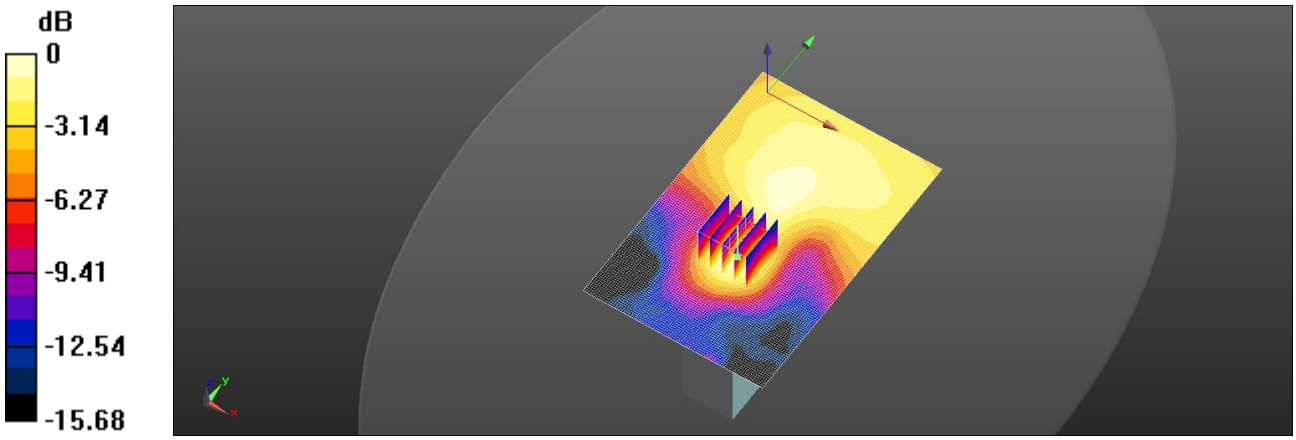
Communication System: LTE; Frequency: 1745 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1745 MHz; σ = 1.434 S/m; ε_r = 51.507; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.5°C; Liquid temperature: 22.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7466; ConvF(8.48, 8.48, 8.48); Calibrated: 2019/2/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1336; Calibrated: 2018/8/6
- Phantom: ELI
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (81x121x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 0.0518 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.409 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.0650 W/kg
SAR(1 g) = 0.040 W/kg; SAR(10 g) = 0.024 W/kg
Maximum value of SAR (measured) = 0.0526 W/kg



0 dB = 0.0526 W/kg = -12.79 dBW/kg

Date: 2019/4/29

LTE Band 4 (20MHz)_Body_Edge1_CH 20300_QPSK_50-0_5mm-Full power

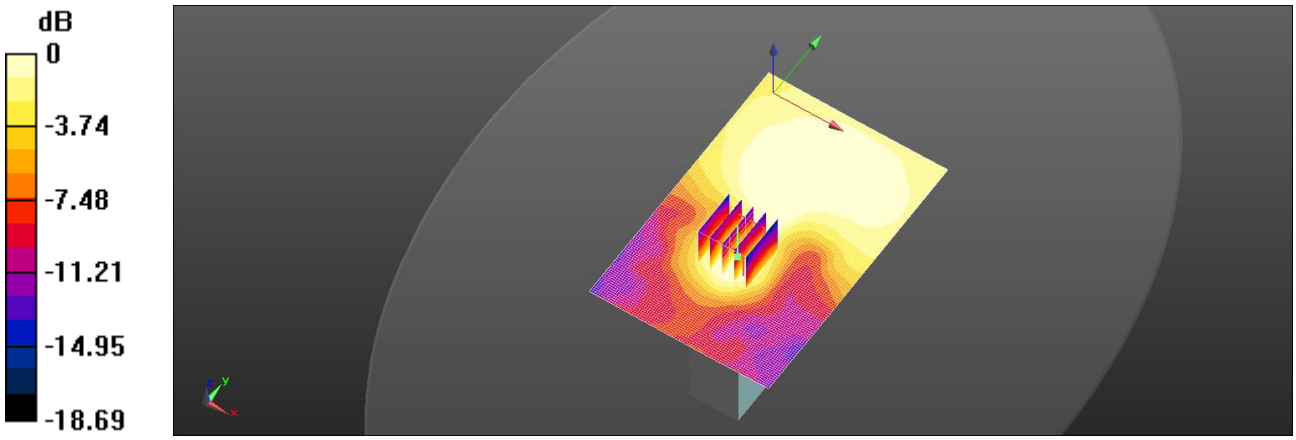
Communication System: LTE; Frequency: 1745 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1745 MHz; σ = 1.434 S/m; ε_r = 51.507; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.5°C; Liquid temperature: 22.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7466; ConvF(8.48, 8.48, 8.48); Calibrated: 2019/2/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1336; Calibrated: 2018/8/6
- Phantom: ELI
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (81x121x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 0.0649 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.993 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.0550 W/kg
SAR(1 g) = 0.033 W/kg; SAR(10 g) = 0.020 W/kg
Maximum value of SAR (measured) = 0.0440 W/kg



0 dB = 0.0440 W/kg = -13.57 dBW/kg

Date: 2019/4/29

LTE Band 4 (20MHz)_Body_Edge2_CH 20300_QPSK_1-99_15mm-Full power

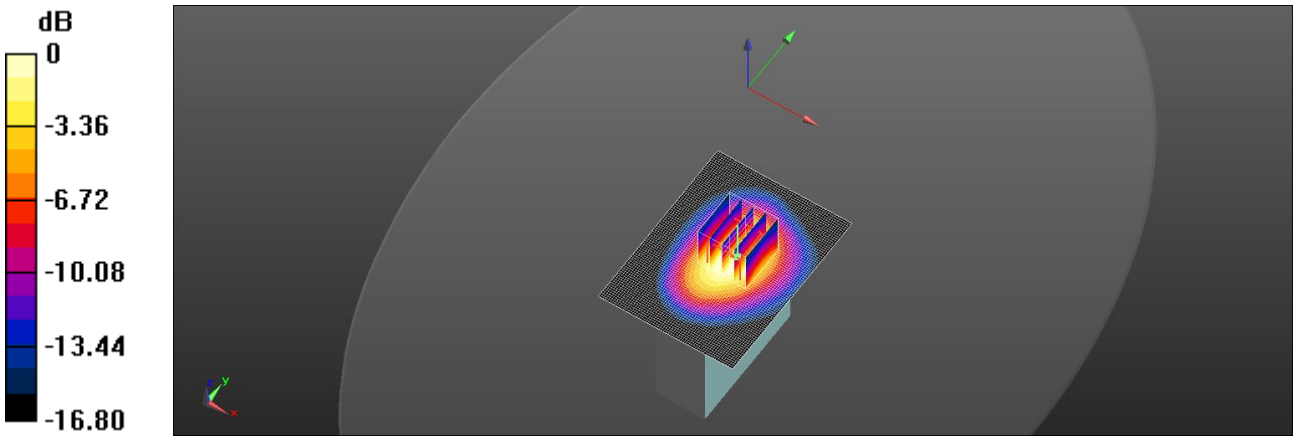
Communication System: LTE; Frequency: 1745 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1745 MHz; σ = 1.434 S/m; ε_r = 51.507; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.5°C; Liquid temperature: 22.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7466; ConvF(8.48, 8.48, 8.48); Calibrated: 2019/2/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1336; Calibrated: 2018/8/6
- Phantom: ELI
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (61x81x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 1.49 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.75 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 1.76 W/kg
SAR(1 g) = 1.05 W/kg; SAR(10 g) = 0.600 W/kg
Maximum value of SAR (measured) = 1.41 W/kg



0 dB = 1.41 W/kg = 1.49 dBW/kg

Date: 2019/4/29

LTE Band 4 (20MHz)_Body_Edge2_CH 20300_QPSK_50-0_15mm-Full power

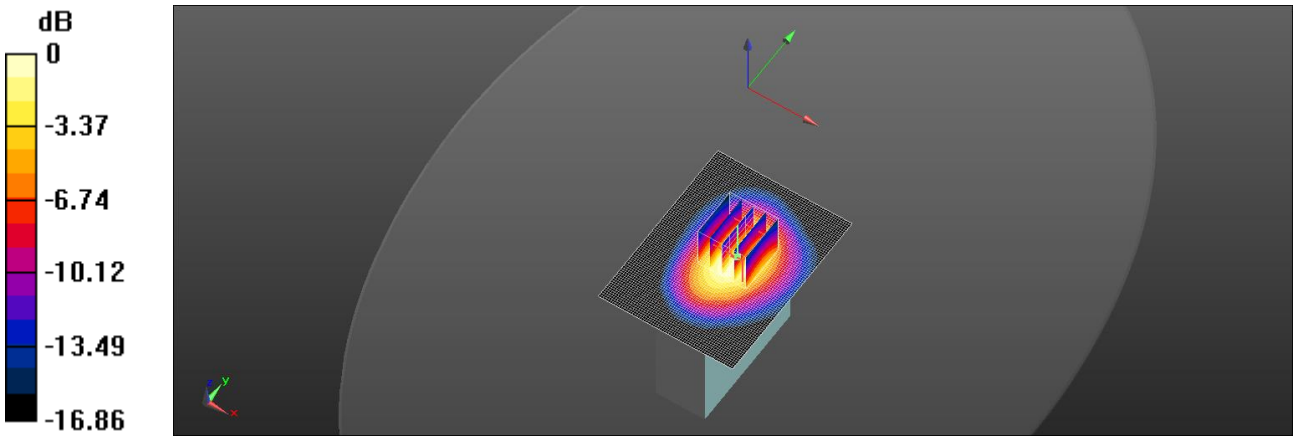
Communication System: LTE; Frequency: 1745 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1745 MHz; σ = 1.434 S/m; ε_r = 51.507; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.5°C; Liquid temperature: 22.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7466; ConvF(8.48, 8.48, 8.48); Calibrated: 2019/2/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1336; Calibrated: 2018/8/6
- Phantom: ELI
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (61x81x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 1.02 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.67 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 1.21 W/kg
SAR(1 g) = 0.723 W/kg; SAR(10 g) = 0.412 W/kg
Maximum value of SAR (measured) = 0.979 W/kg



0 dB = 0.979 W/kg = -0.09 dBW/kg

Date: 2019/4/29

LTE Band 4 (20MHz)_Body_Edge2_CH 20300_QPSK_100-0_15mm-Full power

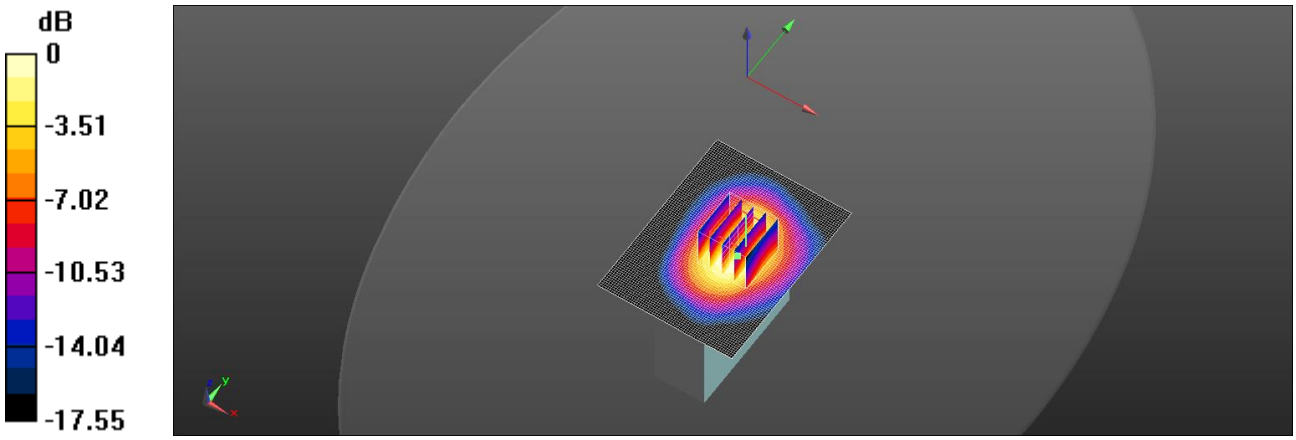
Communication System: LTE; Frequency: 1745 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1745 MHz; σ = 1.434 S/m; ε_r = 51.507; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.5°C; Liquid temperature: 22.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7466; ConvF(8.48, 8.48, 8.48); Calibrated: 2019/2/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1336; Calibrated: 2018/8/6
- Phantom: ELI
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (61x81x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 0.957 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.11 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 1.04 W/kg
SAR(1 g) = 0.623 W/kg; SAR(10 g) = 0.352 W/kg
Maximum value of SAR (measured) = 0.789 W/kg



0 dB = 0.789 W/kg = -1.03 dBW/kg

Date: 2019/4/29

LTE Band 4 (20MHz)_Body_Edge2_CH 20300_QPSK_1-99_15mm-Full power-Repeat

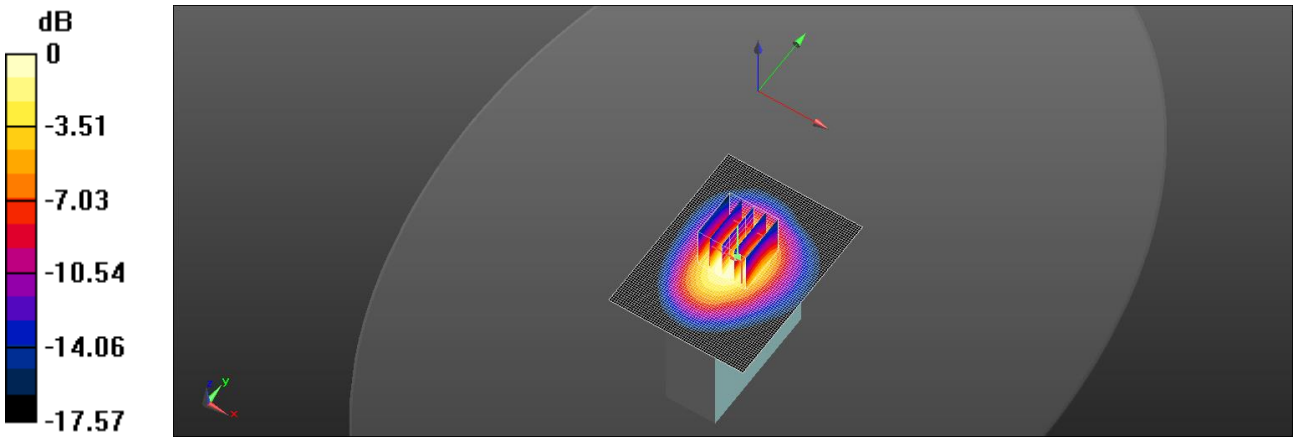
Communication System: LTE; Frequency: 1745 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1745 MHz; σ = 1.434 S/m; ε_r = 51.507; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.5°C; Liquid temperature: 22.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7466; ConvF(8.48, 8.48, 8.48); Calibrated: 2019/2/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1336; Calibrated: 2018/8/6
- Phantom: ELI
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (61x81x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 1.49 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.07 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 1.83 W/kg
SAR(1 g) = 1.08 W/kg; SAR(10 g) = 0.609 W/kg
Maximum value of SAR (measured) = 1.46 W/kg



0 dB = 1.46 W/kg = 1.64 dBW/kg

Date: 2019/4/29

LTE Band 4 (20MHz)_Body_Edge3_CH 20300_QPSK_1-99_5mm-Full power

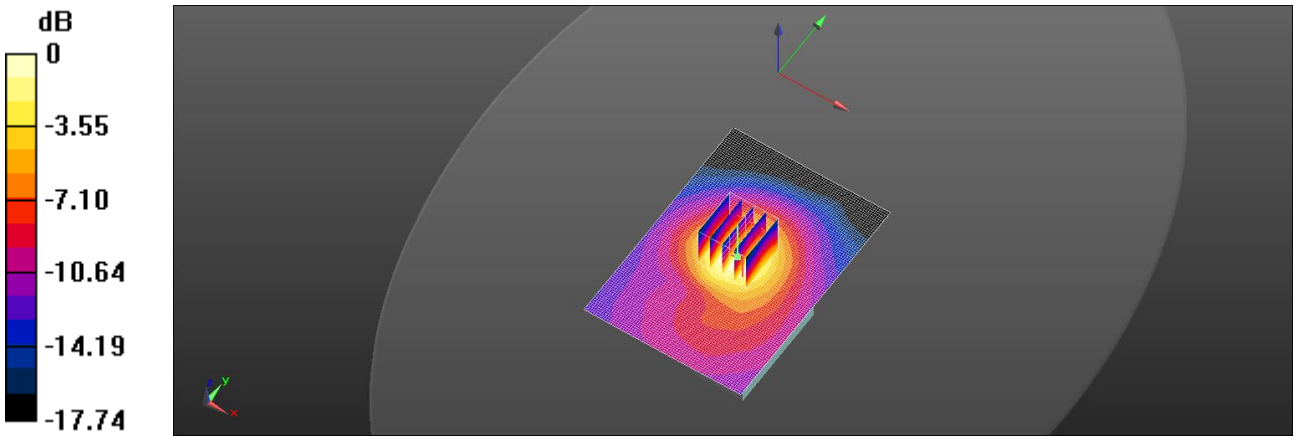
Communication System: LTE; Frequency: 1745 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1745 MHz; σ = 1.434 S/m; ε_r = 51.507; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.5°C; Liquid temperature: 22.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7466; ConvF(8.48, 8.48, 8.48); Calibrated: 2019/2/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1336; Calibrated: 2018/8/6
- Phantom: ELI
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (71x101x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 0.440 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.05 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.498 W/kg
SAR(1 g) = 0.303 W/kg; SAR(10 g) = 0.172 W/kg
Maximum value of SAR (measured) = 0.403 W/kg



0 dB = 0.403 W/kg = -3.95 dBW/kg

Date: 2019/4/29

LTE Band 4 (20MHz)_Body_Edge3_CH 20300_QPSK_50-0_5mm-Full power

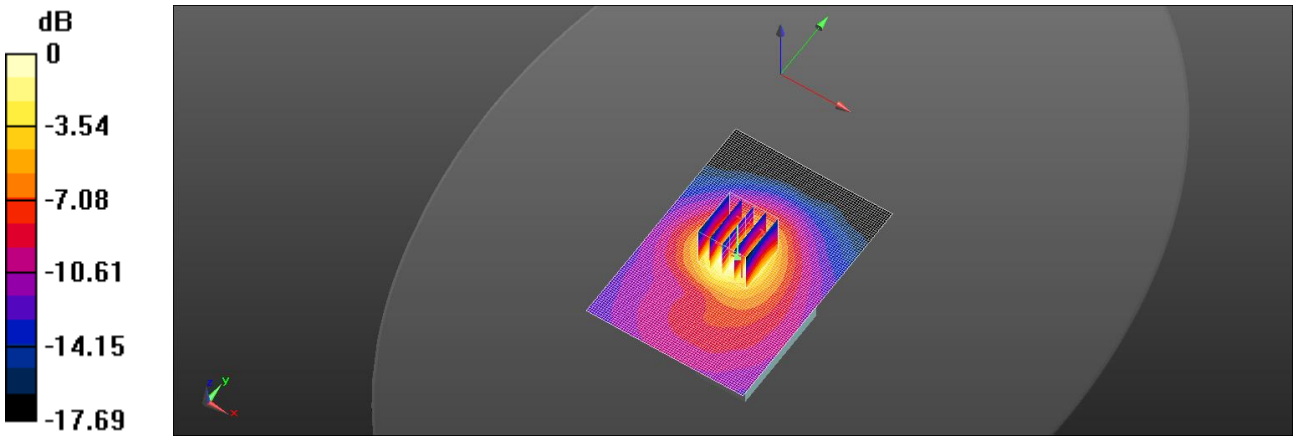
Communication System: LTE; Frequency: 1745 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1745 MHz; σ = 1.434 S/m; ε_r = 51.507; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.5°C; Liquid temperature: 22.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7466; ConvF(8.48, 8.48, 8.48); Calibrated: 2019/2/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1336; Calibrated: 2018/8/6
- Phantom: ELI
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (71x101x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 0.329 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.123 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 0.407 W/kg
SAR(1 g) = 0.243 W/kg; SAR(10 g) = 0.136 W/kg
Maximum value of SAR (measured) = 0.325 W/kg



0 dB = 0.325 W/kg = -4.88 dBW/kg

Date: 2019/4/29

LTE Band 4 (20MHz)_Body_Edge4_CH 20300_QPSK_1-99_5mm-Full power

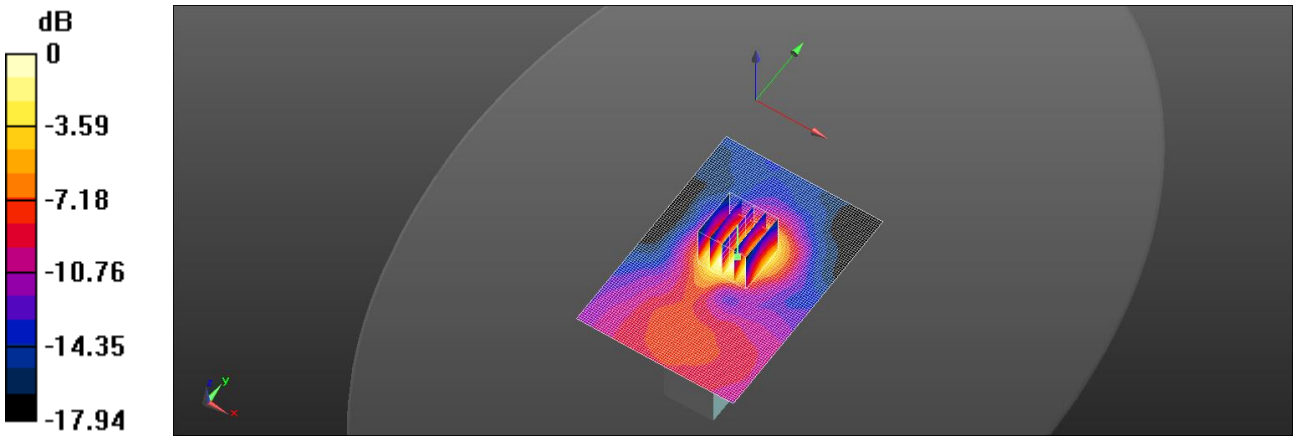
Communication System: LTE; Frequency: 1745 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1745 MHz; σ = 1.434 S/m; ε_r = 51.507; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.5°C; Liquid temperature: 22.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7466; ConvF(8.48, 8.48, 8.48); Calibrated: 2019/2/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1336; Calibrated: 2018/8/6
- Phantom: ELI
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (71x101x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 0.199 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.132 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.212 W/kg
SAR(1 g) = 0.130 W/kg; SAR(10 g) = 0.072 W/kg
Maximum value of SAR (measured) = 0.173 W/kg



0 dB = 0.173 W/kg = -7.62 dBW/kg

Date: 2019/4/29

LTE Band 4 (20MHz)_Body_Edge4_CH 20300_QPSK_50-0_5mm-Full power

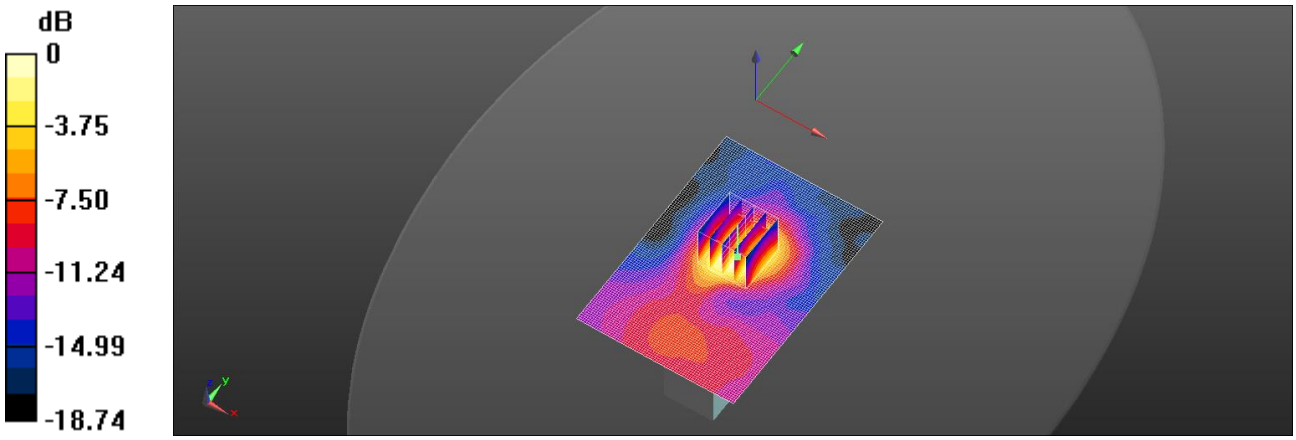
Communication System: LTE; Frequency: 1745 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1745 MHz; σ = 1.434 S/m; ε_r = 51.507; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.5°C; Liquid temperature: 22.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7466; ConvF(8.48, 8.48, 8.48); Calibrated: 2019/2/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1336; Calibrated: 2018/8/6
- Phantom: ELI
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (71x101x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 0.167 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.846 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 0.183 W/kg
SAR(1 g) = 0.112 W/kg; SAR(10 g) = 0.062 W/kg
Maximum value of SAR (measured) = 0.150 W/kg



0 dB = 0.150 W/kg = -8.24 dBW/kg

Date: 2019/4/29

LTE Band 4 (20MHz)_Body_Rear_CH 20300_QPSK_1-99_5mm-Full power

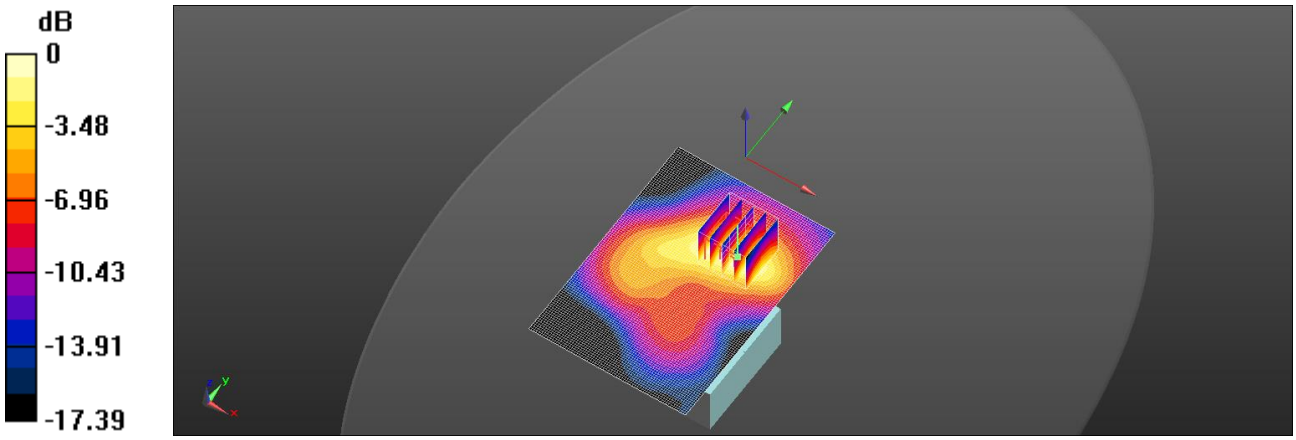
Communication System: LTE; Frequency: 1745 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1745 MHz; σ = 1.434 S/m; ε_r = 51.507; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.5°C; Liquid temperature: 22.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7466; ConvF(8.48, 8.48, 8.48); Calibrated: 2019/2/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1336; Calibrated: 2018/8/6
- Phantom: ELI
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (71x101x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 0.495 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.588 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.639 W/kg
SAR(1 g) = 0.377 W/kg; SAR(10 g) = 0.214 W/kg
Maximum value of SAR (measured) = 0.489 W/kg



0 dB = 0.489 W/kg = -3.11 dBW/kg

Date: 2019/4/29

LTE Band 4 (20MHz)_Body_Rear_CH 20300_QPSK_50-0_5mm-Full power

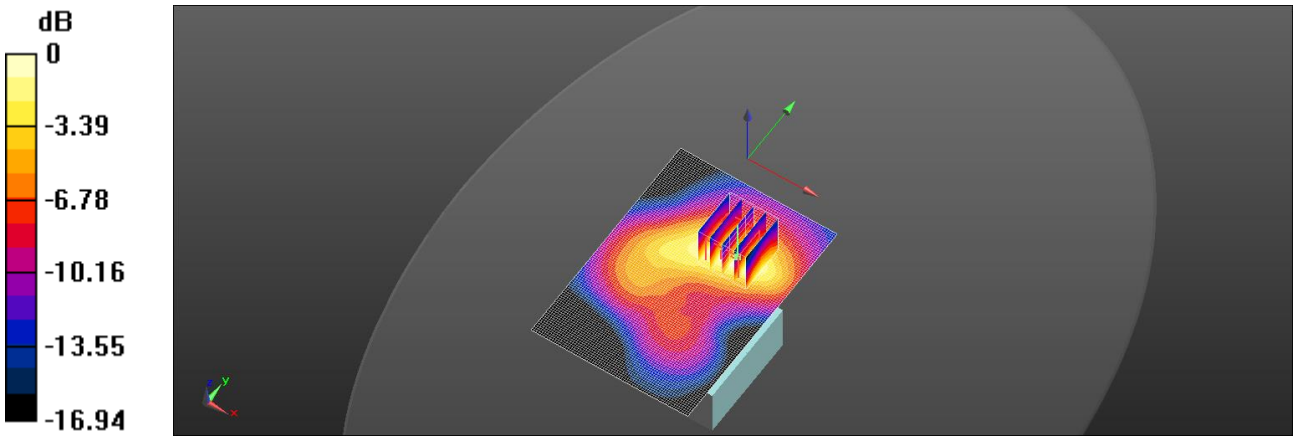
Communication System: LTE; Frequency: 1745 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1745 MHz; σ = 1.434 S/m; ε_r = 51.507; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.5°C; Liquid temperature: 22.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7466; ConvF(8.48, 8.48, 8.48); Calibrated: 2019/2/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1336; Calibrated: 2018/8/6
- Phantom: ELI
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (71x101x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 0.406 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.328 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.516 W/kg
SAR(1 g) = 0.307 W/kg; SAR(10 g) = 0.175 W/kg
Maximum value of SAR (measured) = 0.400 W/kg



0 dB = 0.400 W/kg = -3.98 dBW/kg

Date: 2019/4/30

LTE Band 13 (10MHz)_Body_Edge1_CH 23230_QPSK_1-0_5mm-Full power

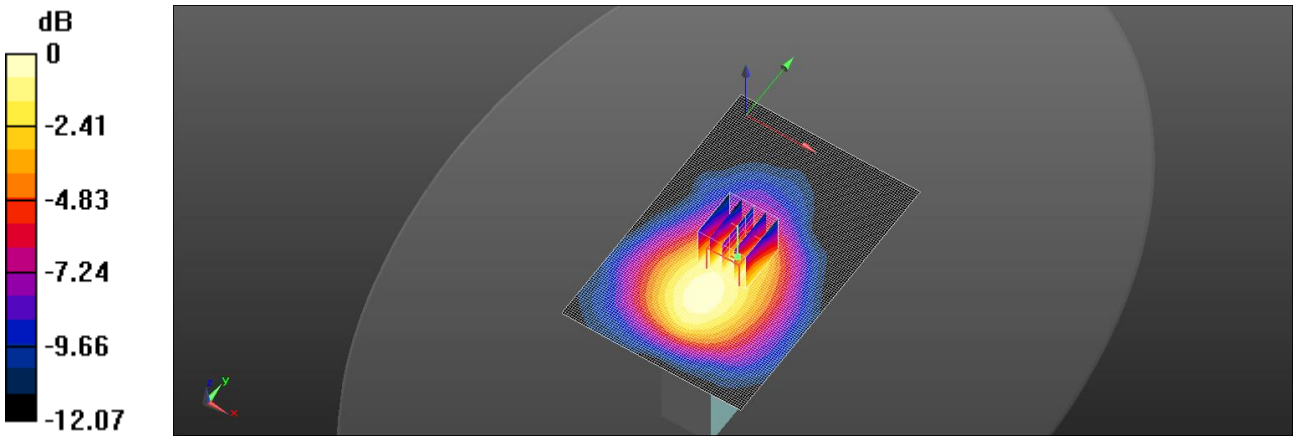
Communication System: LTE; Frequency: 782 MHz; Duty Cycle: 1:1
Medium parameters used: f = 782 MHz; σ = 1.006 S/m; ε_r = 57.15; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.8°C; Liquid temperature: 22.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7466; ConvF(10.49, 10.49, 10.49); Calibrated: 2019/2/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1336; Calibrated: 2018/8/6
- Phantom: ELI
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (81x121x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 0.0424 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.688 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 0.0510 W/kg
SAR(1 g) = 0.031 W/kg; SAR(10 g) = 0.022 W/kg
Maximum value of SAR (measured) = 0.0415 W/kg



0 dB = 0.0415 W/kg = -13.82 dBW/kg

Date: 2019/4/30

LTE Band 13 (10MHz)_Body_Edge1_CH 23230_QPSK_50-0_5mm-Full power

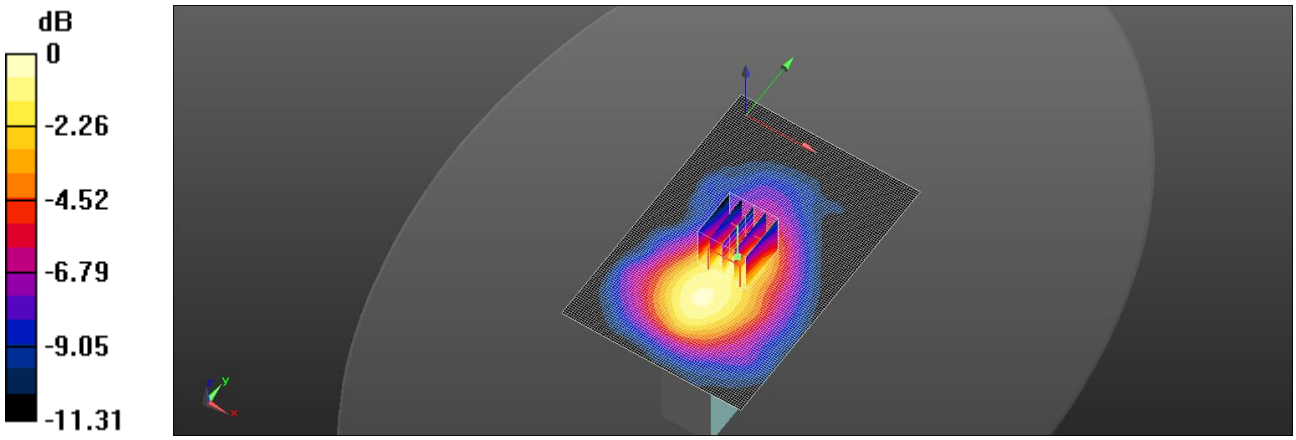
Communication System: LTE; Frequency: 782 MHz; Duty Cycle: 1:1
Medium parameters used: f = 782 MHz; σ = 1.006 S/m; ε_r = 57.15; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.8°C; Liquid temperature: 22.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7466; ConvF(10.49, 10.49, 10.49); Calibrated: 2019/2/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1336; Calibrated: 2018/8/6
- Phantom: ELI
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (81x121x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 0.0257 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.827 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 0.0340 W/kg
SAR(1 g) = 0.019 W/kg; SAR(10 g) = 0.013 W/kg
Maximum value of SAR (measured) = 0.0269 W/kg



0 dB = 0.0269 W/kg = -15.70 dBW/kg

Date: 2019/4/30

LTE Band 13 (10MHz)_Body_Edge2_CH 23230_QPSK_1-0_5mm-Full power

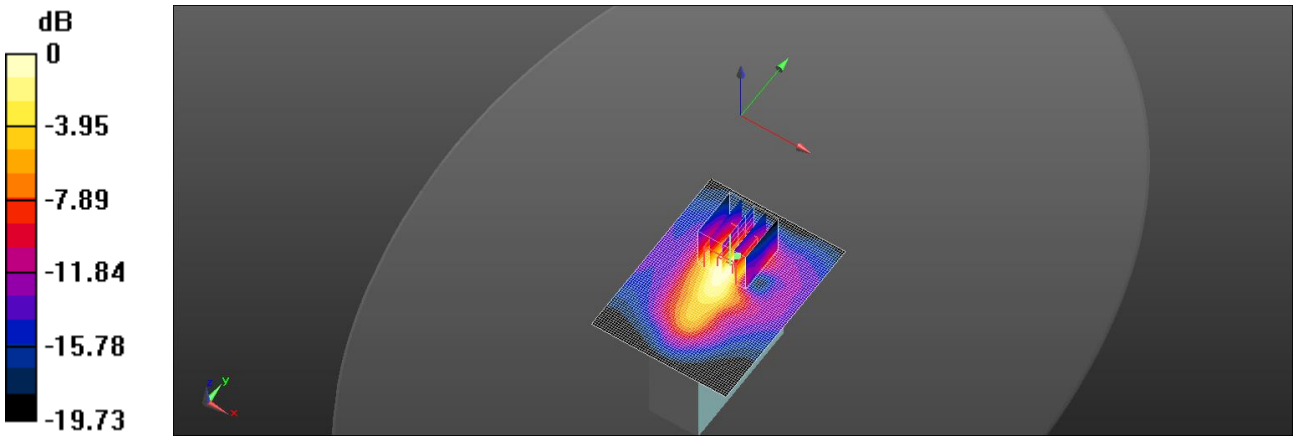
Communication System: LTE; Frequency: 782 MHz; Duty Cycle: 1:1
Medium parameters used: f = 782 MHz; σ = 1.006 S/m; ε_r = 57.15; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.8°C; Liquid temperature: 22.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7466; ConvF(10.49, 10.49, 10.49); Calibrated: 2019/2/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1336; Calibrated: 2018/8/6
- Phantom: ELI
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (61x81x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 0.417 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.645 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 0.552 W/kg
SAR(1 g) = 0.238 W/kg; SAR(10 g) = 0.118 W/kg
Maximum value of SAR (measured) = 0.345 W/kg



0 dB = 0.345 W/kg = -4.62 dBW/kg

Date: 2019/4/30

LTE Band 13 (10MHz)_Body_Edge2_CH 23230_QPSK_50-0_5mm-Full power

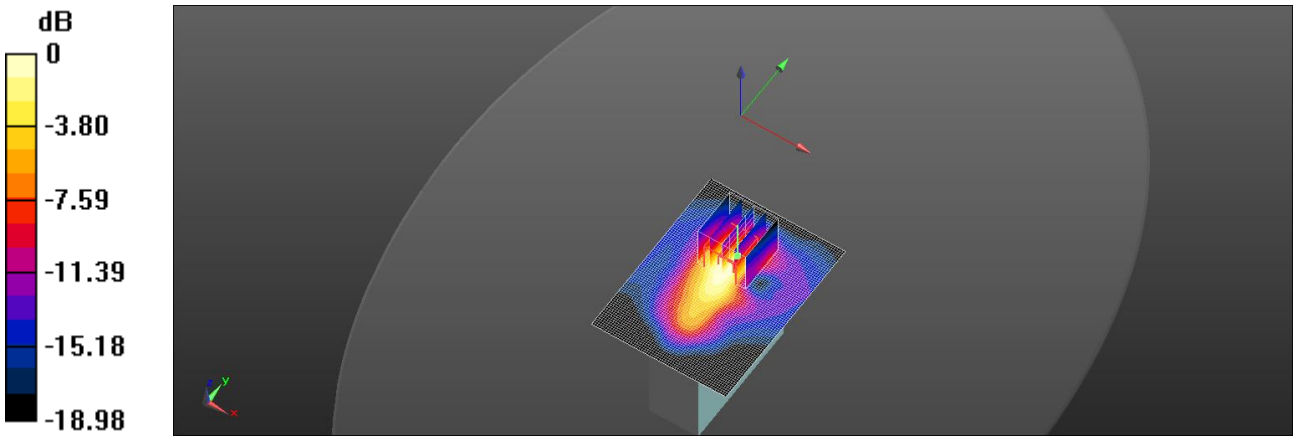
Communication System: LTE; Frequency: 782 MHz; Duty Cycle: 1:1
Medium parameters used: f = 782 MHz; σ = 1.006 S/m; ε_r = 57.15; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.8°C; Liquid temperature: 22.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7466; ConvF(10.49, 10.49, 10.49); Calibrated: 2019/2/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1336; Calibrated: 2018/8/6
- Phantom: ELI
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (61x81x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 0.357 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.402 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.480 W/kg
SAR(1 g) = 0.205 W/kg; SAR(10 g) = 0.103 W/kg
Maximum value of SAR (measured) = 0.300 W/kg



0 dB = 0.300 W/kg = -5.23 dBW/kg

Date: 2019/4/30

LTE Band 13 (10MHz)_Body_Edge3_CH 23230_QPSK_1-0_5mm-Full power

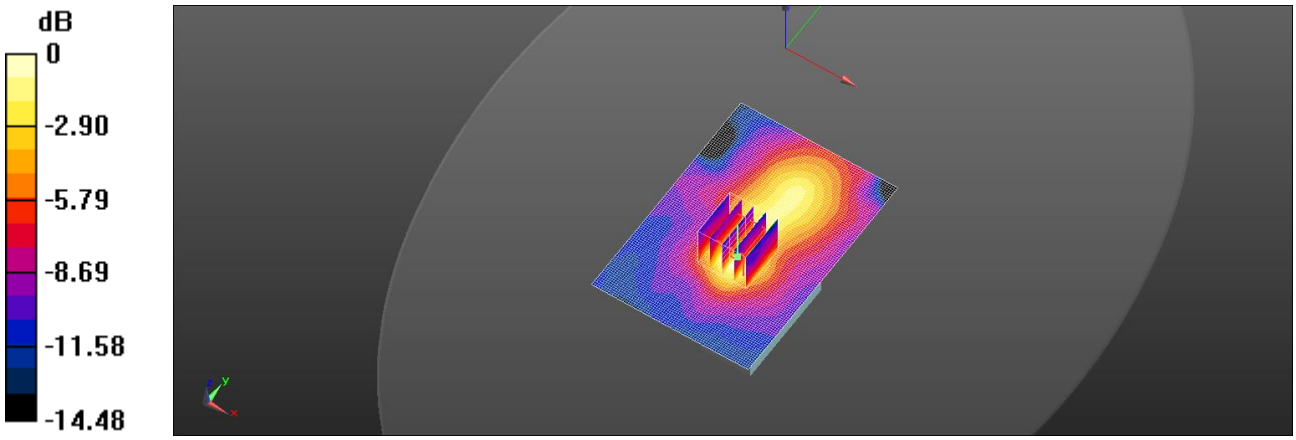
Communication System: LTE; Frequency: 782 MHz; Duty Cycle: 1:1
Medium parameters used: f = 782 MHz; σ = 1.006 S/m; ε_r = 57.15; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.8°C; Liquid temperature: 22.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7466; ConvF(10.49, 10.49, 10.49); Calibrated: 2019/2/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1336; Calibrated: 2018/8/6
- Phantom: ELI
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (71x101x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 0.0468 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.031 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.0600 W/kg
SAR(1 g) = 0.030 W/kg; SAR(10 g) = 0.018 W/kg
Maximum value of SAR (measured) = 0.0420 W/kg



0 dB = 0.0420 W/kg = -13.77 dBW/kg

Date: 2019/4/30

LTE Band 13 (10MHz)_Body_Edge3_CH 23230_QPSK_50-0_5mm-Full power

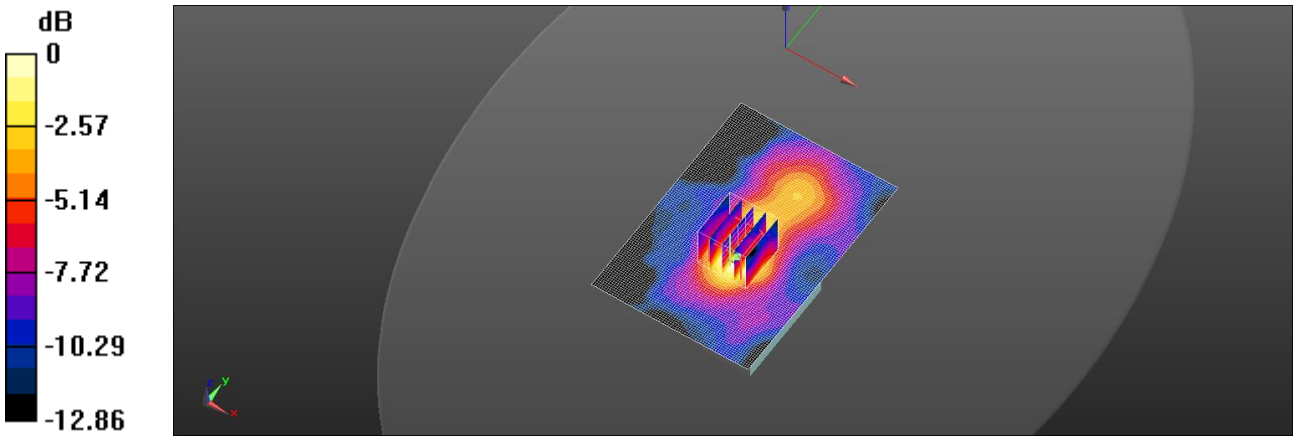
Communication System: LTE; Frequency: 782 MHz; Duty Cycle: 1:1
Medium parameters used: f = 782 MHz; σ = 1.006 S/m; ε_r = 57.15; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.8°C; Liquid temperature: 22.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7466; ConvF(10.49, 10.49, 10.49); Calibrated: 2019/2/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1336; Calibrated: 2018/8/6
- Phantom: ELI
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (71x101x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 0.0354 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.921 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.0480 W/kg
SAR(1 g) = 0.022 W/kg; SAR(10 g) = 0.013 W/kg
Maximum value of SAR (measured) = 0.0324 W/kg



0 dB = 0.0324 W/kg = -14.89 dBW/kg

Date: 2019/4/30

LTE Band 13 (10MHz)_Body_Edge4_CH 23230_QPSK_1-0_5mm-Full power

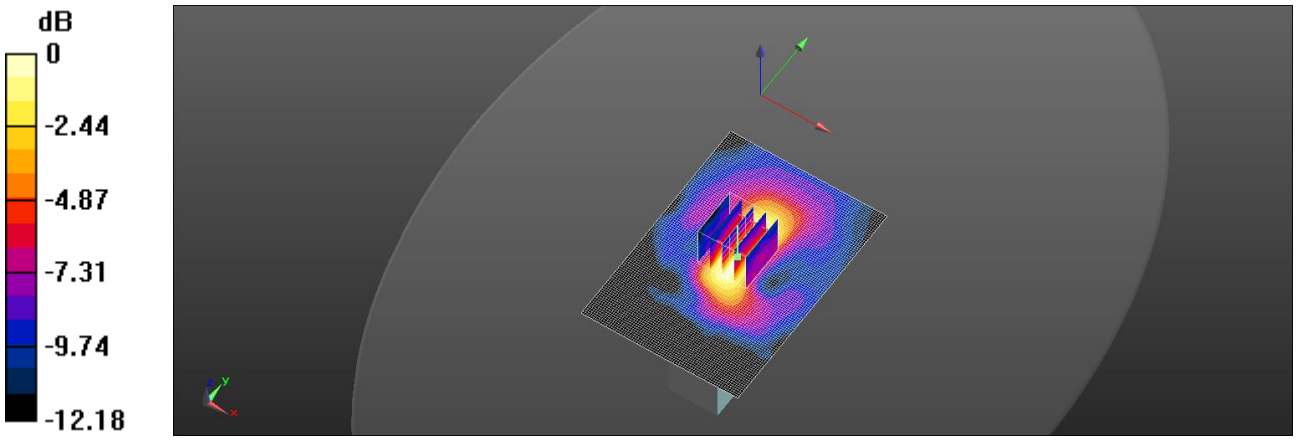
Communication System: LTE; Frequency: 782 MHz; Duty Cycle: 1:1
Medium parameters used: f = 782 MHz; σ = 1.006 S/m; ε_r = 57.15; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.8°C; Liquid temperature: 22.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7466; ConvF(10.49, 10.49, 10.49); Calibrated: 2019/2/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1336; Calibrated: 2018/8/6
- Phantom: ELI
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (71x101x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 0.0262 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.798 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.0320 W/kg
SAR(1 g) = 0.018 W/kg; SAR(10 g) = 0.011 W/kg
Maximum value of SAR (measured) = 0.0252 W/kg



0 dB = 0.0252 W/kg = -15.99 dBW/kg

Date: 2019/4/30

LTE Band 13 (10MHz)_Body_Edge4_CH 23230_QPSK_50-0_5mm-Full power

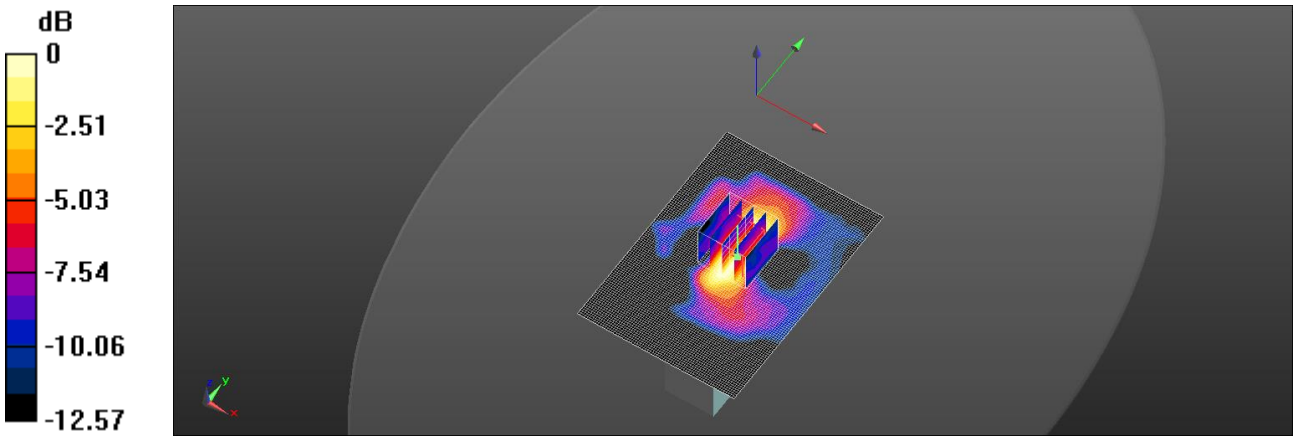
Communication System: LTE; Frequency: 782 MHz; Duty Cycle: 1:1
Medium parameters used: f = 782 MHz; σ = 1.006 S/m; ε_r = 57.15; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.8°C; Liquid temperature: 22.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7466; ConvF(10.49, 10.49, 10.49); Calibrated: 2019/2/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1336; Calibrated: 2018/8/6
- Phantom: ELI
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (71x101x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 0.0252 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.322 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.0270 W/kg
SAR(1 g) = 0.015 W/kg; SAR(10 g) = 0.00834 W/kg
Maximum value of SAR (measured) = 0.0207 W/kg



0 dB = 0.0207 W/kg = -16.84 dBW/kg

Date: 2019/4/30

LTE Band 13 (10MHz)_Body_Rear_CH 23230_QPSK_1-0_5mm-Full power

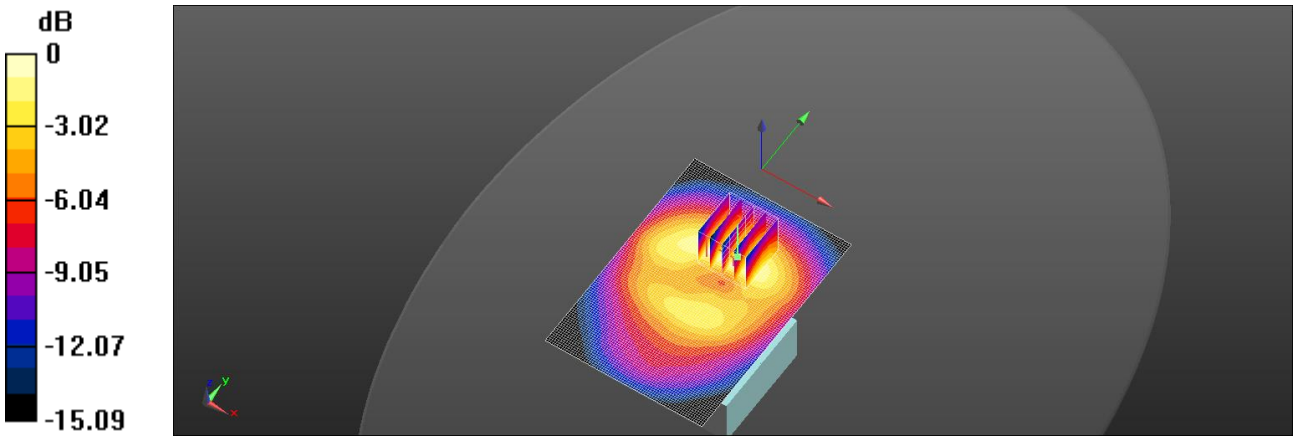
Communication System: LTE; Frequency: 782 MHz; Duty Cycle: 1:1
Medium parameters used: f = 782 MHz; σ = 1.006 S/m; ε_r = 57.15; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.8°C; Liquid temperature: 22.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7466; ConvF(10.49, 10.49, 10.49); Calibrated: 2019/2/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1336; Calibrated: 2018/8/6
- Phantom: ELI
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (71x101x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 0.143 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.601 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.183 W/kg
SAR(1 g) = 0.113 W/kg; SAR(10 g) = 0.070 W/kg
Maximum value of SAR (measured) = 0.140 W/kg



0 dB = 0.140 W/kg = -8.54 dBW/kg

Date: 2019/4/30

LTE Band 13 (10MHz)_Body_Rear_CH 23230_QPSK_50-0_5mm-Full power

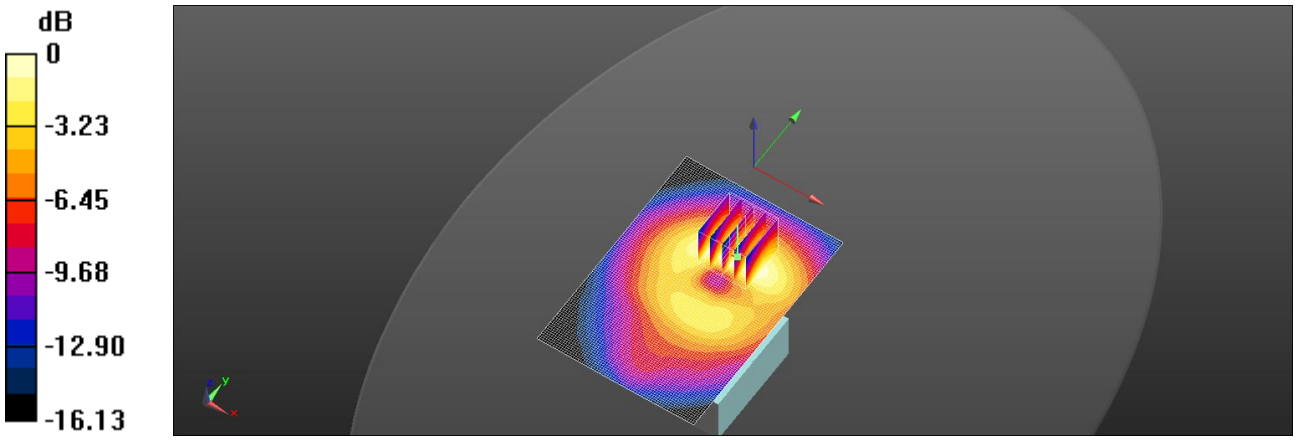
Communication System: LTE; Frequency: 782 MHz; Duty Cycle: 1:1
Medium parameters used: f = 782 MHz; σ = 1.006 S/m; ε_r = 57.15; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.8°C; Liquid temperature: 22.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7466; ConvF(10.49, 10.49, 10.49); Calibrated: 2019/2/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1336; Calibrated: 2018/8/6
- Phantom: ELI
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (71x101x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 0.131 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.395 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.157 W/kg
SAR(1 g) = 0.097 W/kg; SAR(10 g) = 0.060 W/kg
Maximum value of SAR (measured) = 0.123 W/kg



0 dB = 0.123 W/kg = -9.10 dBW/kg

Date: 2019/5/6

WLAN 802.11b_Body_Edge1_CH 11_5mm

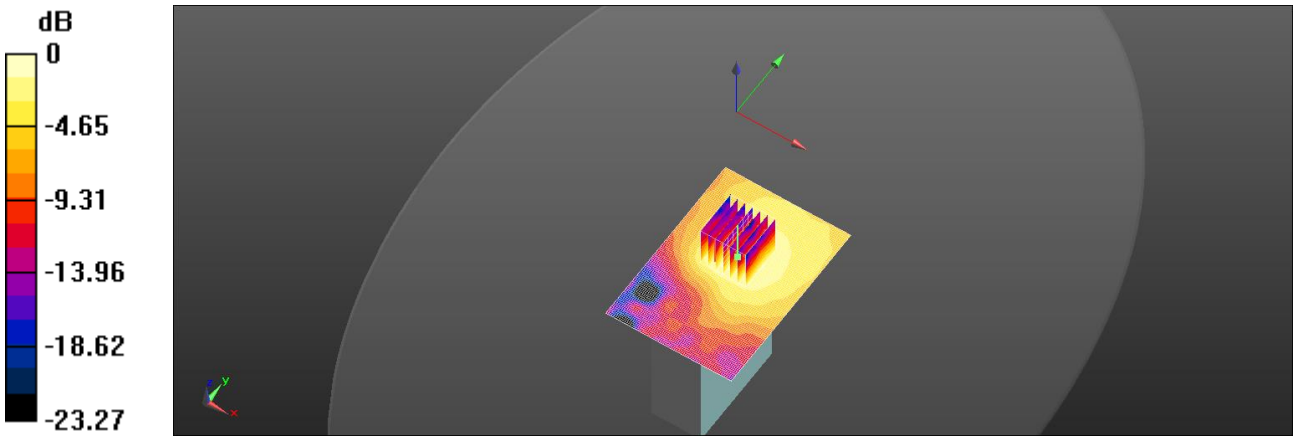
Communication System: Wi-Fi; Frequency: 2462 MHz; Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 2.004 S/m; ε_r = 53.645; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.8°C; Liquid temperature: 21.9°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7466; ConvF(7.71, 7.71, 7.71); Calibrated: 2019/2/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1336; Calibrated: 2018/8/6
- Phantom: ELI
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (71x101x1): Interpolated grid: dx=12 mm, dy=12 mm
Maximum value of SAR (interpolated) = 0.0568 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.492 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.0790 W/kg
SAR(1 g) = 0.039 W/kg; SAR(10 g) = 0.021 W/kg
Maximum value of SAR (measured) = 0.0580 W/kg



0 dB = 0.0580 W/kg = -12.37 dBW/kg

Date: 2019/5/6

WLAN 802.11b_Body_Edge2_CH 11_5mm

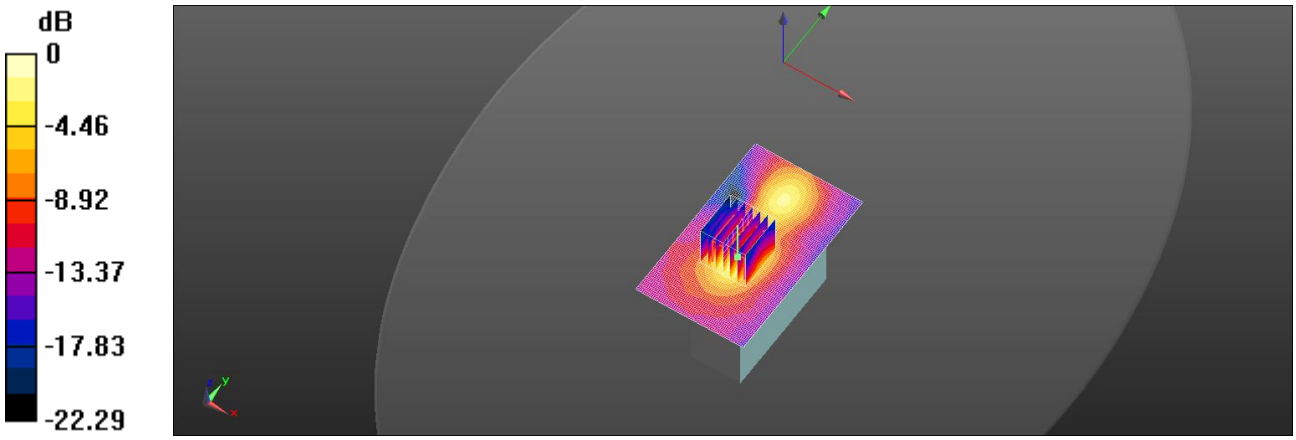
Communication System: Wi-Fi; Frequency: 2462 MHz; Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 2.004 S/m; ε_r = 53.645; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.8°C; Liquid temperature: 21.9°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7466; ConvF(7.71, 7.71, 7.71); Calibrated: 2019/2/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1336; Calibrated: 2018/8/6
- Phantom: ELI
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (61x101x1): Interpolated grid: dx=12 mm, dy=12 mm
Maximum value of SAR (interpolated) = 0.193 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.458 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.259 W/kg
SAR(1 g) = 0.133 W/kg; SAR(10 g) = 0.061 W/kg
Maximum value of SAR (measured) = 0.198 W/kg



0 dB = 0.198 W/kg = -7.03 dBW/kg

Date: 2019/5/6

WLAN 802.11b_Body_Edge2_CH 1_5mm

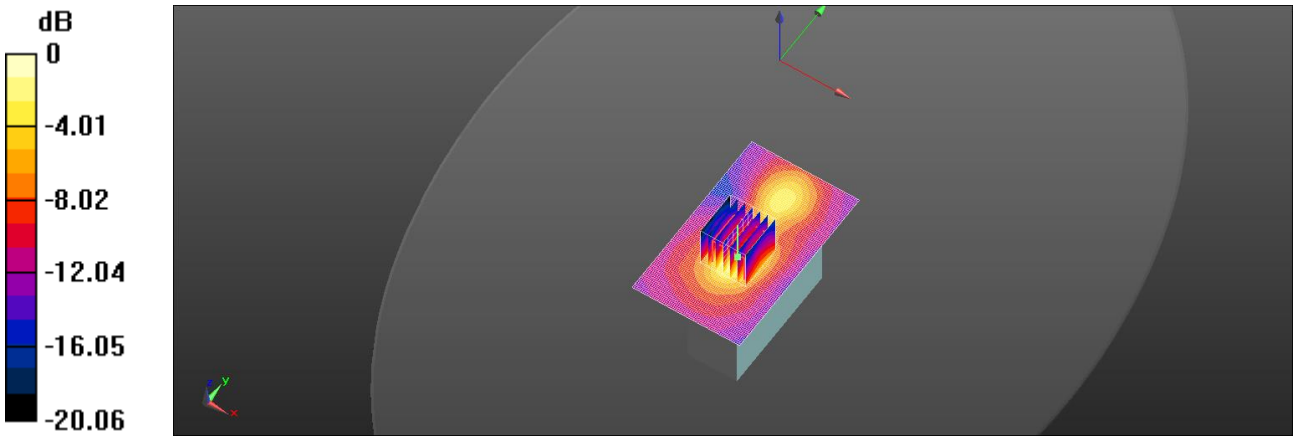
Communication System: WLAN 2.45G; Frequency: 2412 MHz; Duty Cycle: 1:1
Medium parameters used: f = 2412 MHz; σ = 1.94 S/m; ε_r = 53.788; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.8°C; Liquid temperature: 21.9°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7466; ConvF(7.71, 7.71, 7.71); Calibrated: 2019/2/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1336; Calibrated: 2018/8/6
- Phantom: ELI
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (61x101x1): Interpolated grid: dx=12 mm, dy=12 mm
Maximum value of SAR (interpolated) = 0.261 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.676 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 0.319 W/kg
SAR(1 g) = 0.172 W/kg; SAR(10 g) = 0.083 W/kg
Maximum value of SAR (measured) = 0.251 W/kg



0 dB = 0.251 W/kg = -6.00 dBW/kg

Date: 2019/5/6

WLAN 802.11b_Body_Edge2_CH 6_5mm

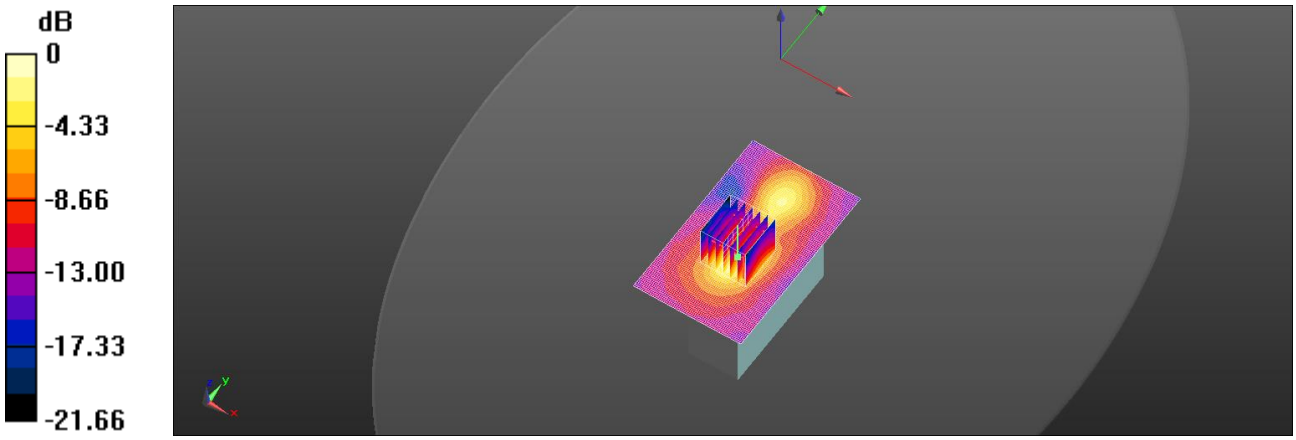
Communication System: WLAN 2.45G; Frequency: 2437 MHz; Duty Cycle: 1:1
Medium parameters used: f = 2437 MHz; σ = 1.971 S/m; ε_r = 53.69; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.8°C; Liquid temperature: 21.9°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7466; ConvF(7.71, 7.71, 7.71); Calibrated: 2019/2/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1336; Calibrated: 2018/8/6
- Phantom: ELI
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (61x101x1): Interpolated grid: dx=12 mm, dy=12 mm
Maximum value of SAR (interpolated) = 0.257 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.340 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 0.319 W/kg
SAR(1 g) = 0.167 W/kg; SAR(10 g) = 0.078 W/kg
Maximum value of SAR (measured) = 0.244 W/kg



0 dB = 0.244 W/kg = -6.13 dBW/kg

Date: 2019/5/6

WLAN 802.11b_Body_Edge3_CH 11_5mm

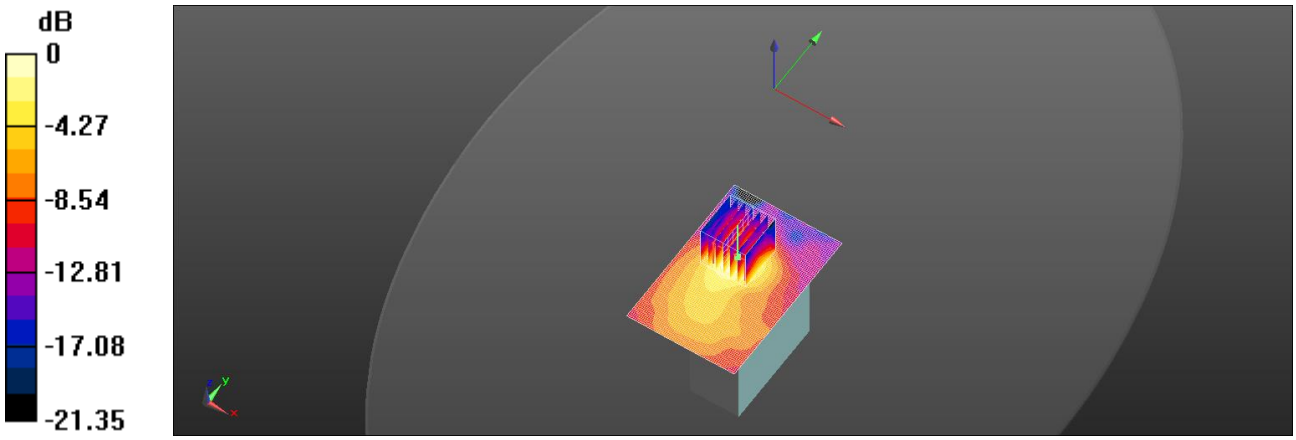
Communication System: Wi-Fi; Frequency: 2462 MHz; Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 2.004 S/m; ε_r = 53.645; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.8°C; Liquid temperature: 21.9°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7466; ConvF(7.71, 7.71, 7.71); Calibrated: 2019/2/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1336; Calibrated: 2018/8/6
- Phantom: ELI
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (61x91x1): Interpolated grid: dx=12 mm, dy=12 mm
Maximum value of SAR (interpolated) = 0.101 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.828 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 0.111 W/kg
SAR(1 g) = 0.064 W/kg; SAR(10 g) = 0.033 W/kg
Maximum value of SAR (measured) = 0.0889 W/kg



0 dB = 0.0889 W/kg = -10.51 dBW/kg

Date: 2019/5/6

WLAN 802.11b_Body_Edge4_CH 11_5mm

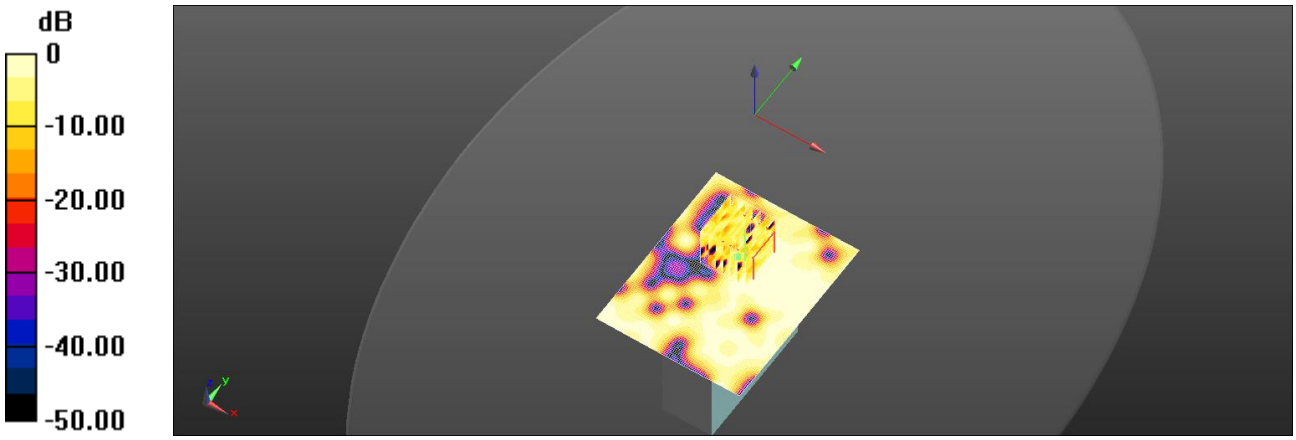
Communication System: Wi-Fi; Frequency: 2462 MHz; Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 2.004 S/m; ε_r = 53.645; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.8°C; Liquid temperature: 21.9°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7466; ConvF(7.71, 7.71, 7.71); Calibrated: 2019/2/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1336; Calibrated: 2018/8/6
- Phantom: ELI
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (81x101x1): Interpolated grid: dx=12 mm, dy=12 mm
Maximum value of SAR (interpolated) = 0.00615 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.191 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.00575 W/kg
SAR(1 g) = 0.00237 W/kg; SAR(10 g) = 0.00105 W/kg
Maximum value of SAR (measured) = 0.00463 W/kg



0 dB = 0.00463 W/kg = -23.34 dBW/kg

Date: 2019/5/6

WLAN 802.11b_Body_Real_CH 11_5mm

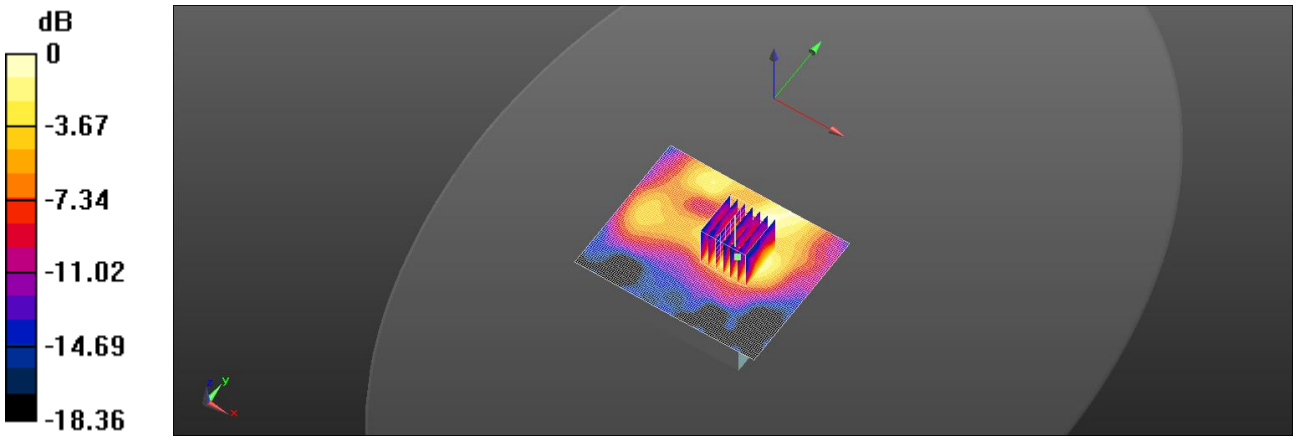
Communication System: Wi-Fi; Frequency: 2462 MHz; Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 2.004 S/m; ε_r = 53.645; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.8°C; Liquid temperature: 21.9°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7466; ConvF(7.71, 7.71, 7.71); Calibrated: 2019/2/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1336; Calibrated: 2018/8/6
- Phantom: ELI
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (101x81x1): Interpolated grid: dx=12 mm, dy=12 mm
Maximum value of SAR (interpolated) = 0.0577 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.183 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.0760 W/kg
SAR(1 g) = 0.042 W/kg; SAR(10 g) = 0.024 W/kg
Maximum value of SAR (measured) = 0.0578 W/kg



0 dB = 0.0578 W/kg = -12.38 dBW/kg

Date: 2019/5/6

WLAN 802.11a 5.3G_Body_Edge1_CH 64_5mm

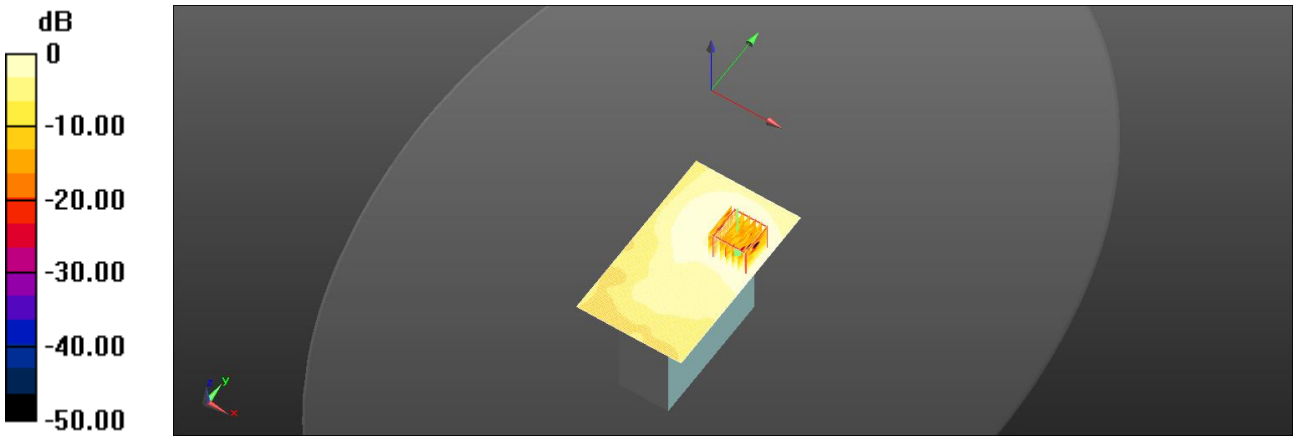
Communication System: WLAN 5G; Frequency: 5320 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5320 MHz; σ = 5.353 S/m; ε_r = 48.939; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.1°C; Liquid temperature: 22.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7466; ConvF(4.8, 4.8, 4.8); Calibrated: 2019/2/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1336; Calibrated: 2018/8/6
- Phantom: ELI
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (71x121x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 0.109 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 2.717 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 0.251 W/kg
SAR(1 g) = 0.065 W/kg; SAR(10 g) = 0.030 W/kg
Maximum value of SAR (measured) = 0.111 W/kg



0 dB = 0.111 W/kg = -9.55 dBW/kg

Date: 2019/5/6

WLAN 802.11a 5.3G_Body_Edge2_CH 64_5mm

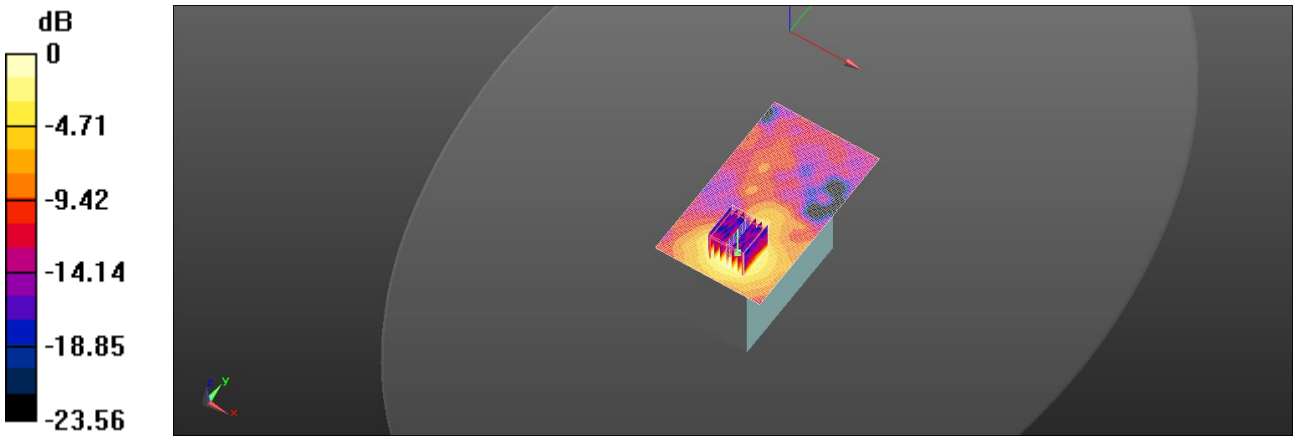
Communication System: WLAN 5G; Frequency: 5320 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5320 MHz; σ = 5.353 S/m; ε_r = 48.939; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.1°C; Liquid temperature: 22.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7466; ConvF(4.8, 4.8, 4.8); Calibrated: 2019/2/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1336; Calibrated: 2018/8/6
- Phantom: ELI
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (71x121x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 0.150 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.913 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.329 W/kg
SAR(1 g) = 0.085 W/kg; SAR(10 g) = 0.033 W/kg
Maximum value of SAR (measured) = 0.160 W/kg



0 dB = 0.160 W/kg = -7.96 dBW/kg

Date: 2019/5/6

WLAN 802.11a 5.3G_Body_Edge3_CH 64_5mm

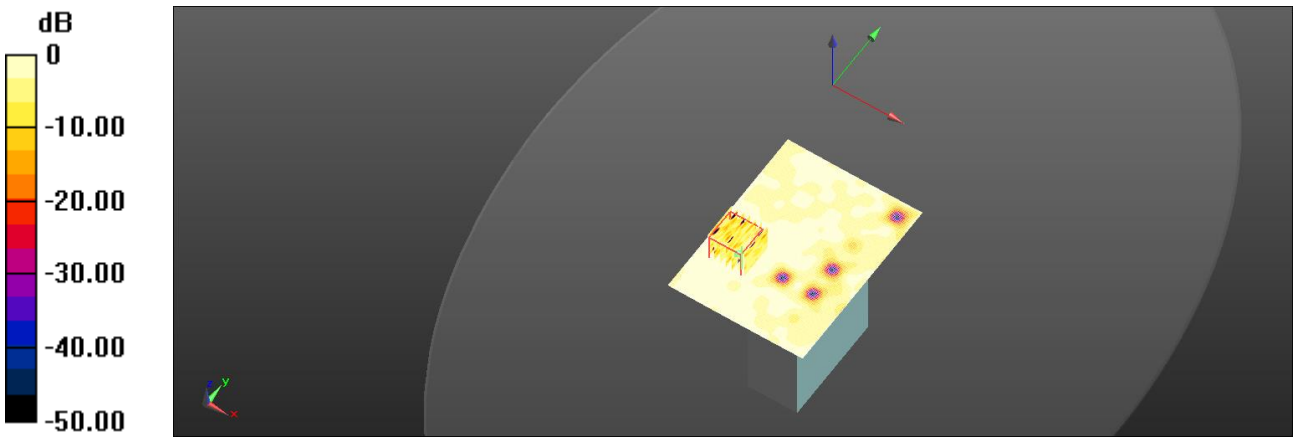
Communication System: WLAN 5G; Frequency: 5320 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5320 MHz; σ = 5.353 S/m; ε_r = 48.939; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.1°C; Liquid temperature: 22.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7466; ConvF(4.8, 4.8, 4.8); Calibrated: 2019/2/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1336; Calibrated: 2018/8/6
- Phantom: ELI
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (91x121x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 0.0199 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.746 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.134 W/kg
SAR(1 g) = 0.011 W/kg; SAR(10 g) = 0.00405 W/kg
Maximum value of SAR (measured) = 0.0190 W/kg



0 dB = 0.0190 W/kg = -17.21 dBW/kg

Date: 2019/5/6

WLAN 802.11a 5.3G_Body_Edge4_CH 64_5mm

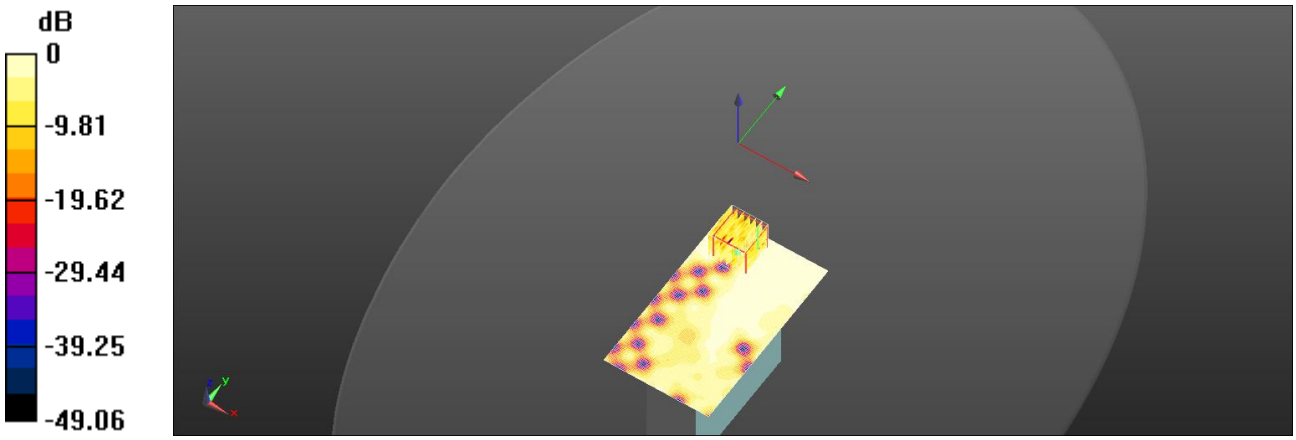
Communication System: WLAN 5G; Frequency: 5320 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5320 MHz; σ = 5.353 S/m; ε_r = 48.939; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.1°C; Liquid temperature: 22.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7466; ConvF(4.8, 4.8, 4.8); Calibrated: 2019/2/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1336; Calibrated: 2018/8/6
- Phantom: ELI
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (71x121x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 0.0289 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.619 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.0980 W/kg
SAR(1 g) = 0.016 W/kg; SAR(10 g) = 0.0059 W/kg
Maximum value of SAR (measured) = 0.0275 W/kg



0 dB = 0.0275 W/kg = -15.61 dBW/kg

Date: 2019/5/6

WLAN 802.11a 5.3G_Body_Real_CH 64_5mm

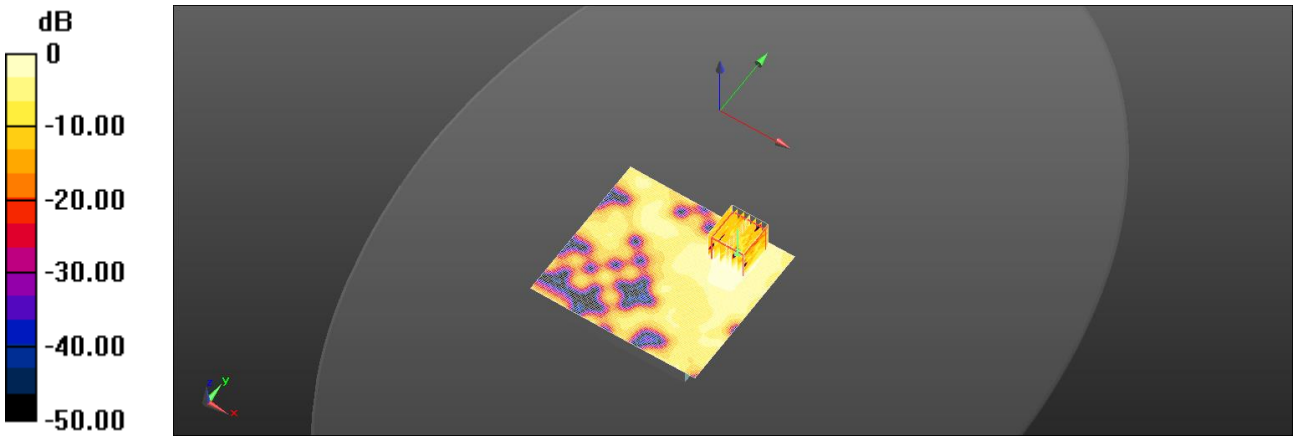
Communication System: WLAN 5G; Frequency: 5320 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5320 MHz; σ = 5.353 S/m; ε_r = 48.939; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.1°C; Liquid temperature: 22.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7466; ConvF(4.8, 4.8, 4.8); Calibrated: 2019/2/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1336; Calibrated: 2018/8/6
- Phantom: ELI
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (111x101x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 0.0666 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 2.498 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.135 W/kg
SAR(1 g) = 0.033 W/kg; SAR(10 g) = 0.012 W/kg
Maximum value of SAR (measured) = 0.0652 W/kg



0 dB = 0.0652 W/kg = -11.86 dBW/kg

Date: 2019/5/6

WLAN 802.11a 5.5G_Body_Edge1_CH 100_5mm

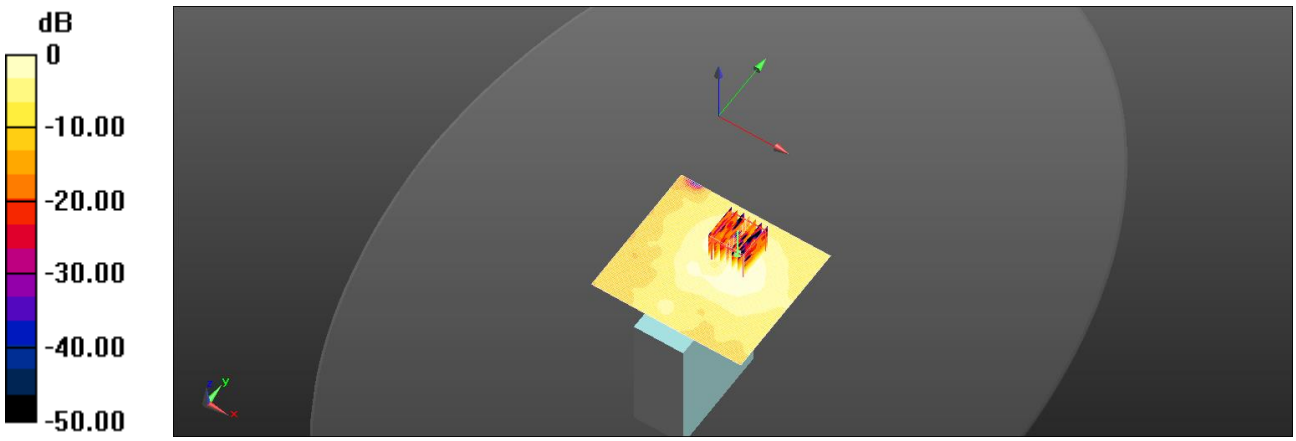
Communication System: WLAN 5G; Frequency: 5500 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5500 MHz; σ = 5.65 S/m; ε_r = 48.42; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.4°C; Liquid temperature: 22.1°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7466; ConvF(4.22, 4.22, 4.22); Calibrated: 2019/2/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1336; Calibrated: 2018/8/6
- Phantom: ELI
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (101x91x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 0.258 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 3.834 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.609 W/kg
SAR(1 g) = 0.137 W/kg; SAR(10 g) = 0.051 W/kg
Maximum value of SAR (measured) = 0.273 W/kg



0 dB = 0.273 W/kg = -5.64 dBW/kg

Date: 2019/5/6

WLAN 802.11a 5.5G_Body_Edge1_CH 124_5mm

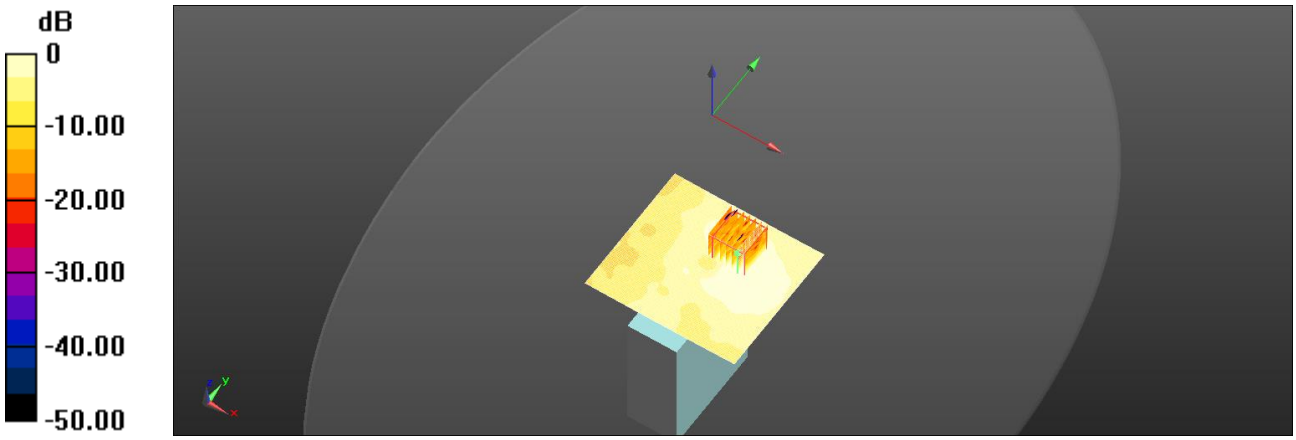
Communication System: WLAN 5G; Frequency: 5620 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5620 MHz; σ = 5.839 S/m; ε_r = 47.995; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.4°C; Liquid temperature: 22.1°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7466; ConvF(4.22, 4.22, 4.22); Calibrated: 2019/2/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1336; Calibrated: 2018/8/6
- Phantom: ELI
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (101x91x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 0.170 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 3.793 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.393 W/kg
SAR(1 g) = 0.089 W/kg; SAR(10 g) = 0.037 W/kg
Maximum value of SAR (measured) = 0.159 W/kg



0 dB = 0.159 W/kg = -7.99 dBW/kg

Date: 2019/5/6

WLAN 802.11a 5.5G_Body_Edge1_CH 140_5mm

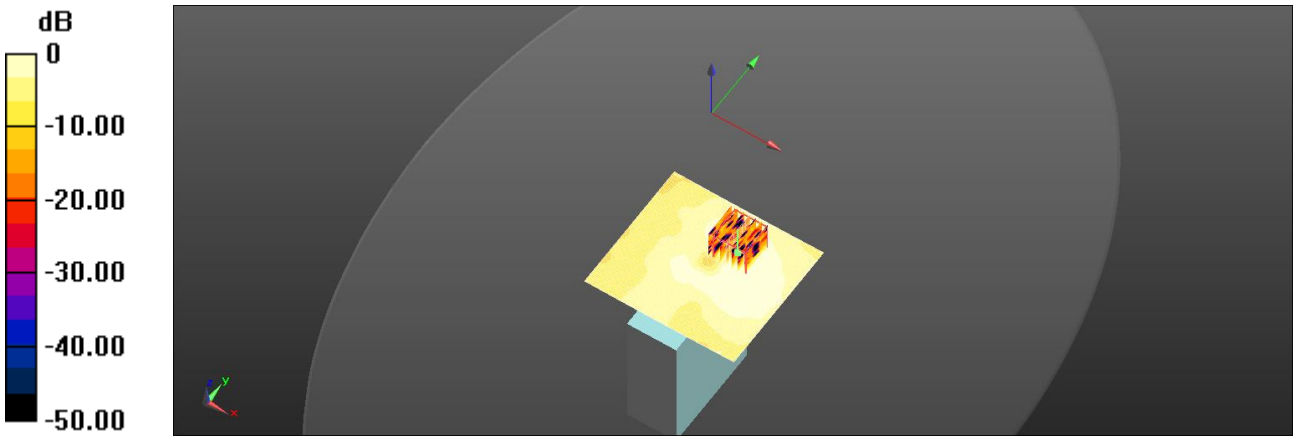
Communication System: WLAN 5G; Frequency: 5700 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5700 MHz; σ = 5.971 S/m; ε_r = 47.733; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.4°C; Liquid temperature: 22.1°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7466; ConvF(4.22, 4.22, 4.22); Calibrated: 2019/2/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1336; Calibrated: 2018/8/6
- Phantom: ELI
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (101x91x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 0.140 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 3.252 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.275 W/kg
SAR(1 g) = 0.065 W/kg; SAR(10 g) = 0.026 W/kg
Maximum value of SAR (measured) = 0.125 W/kg



0 dB = 0.125 W/kg = -9.03 dBW/kg

Date: 2019/5/6

WLAN 802.11a 5.5G_Body_Edge2_CH 124_5mm

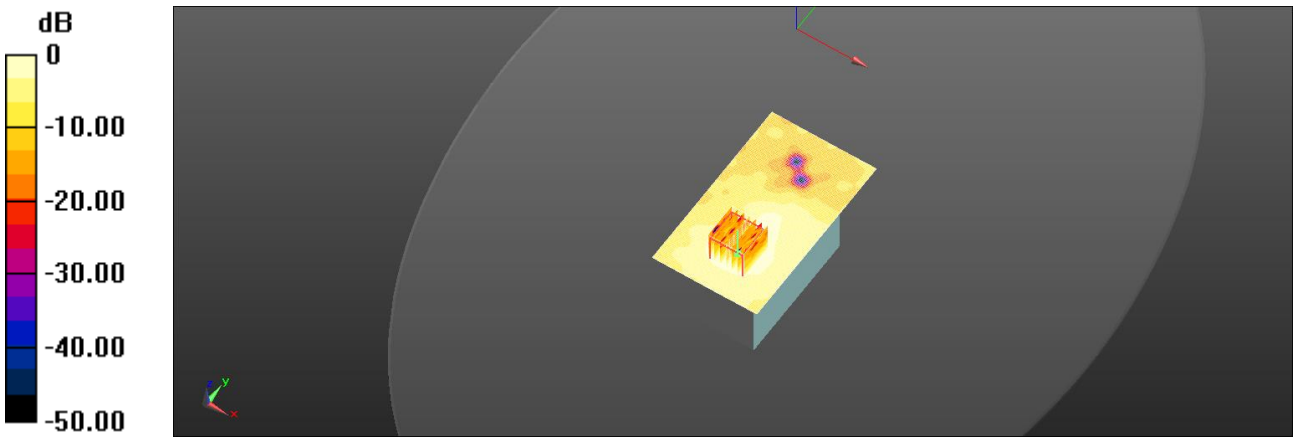
Communication System: WLAN 5G; Frequency: 5620 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5620 MHz; σ = 5.839 S/m; ε_r = 47.995; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.4°C; Liquid temperature: 22.1°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7466; ConvF(4.22, 4.22, 4.22); Calibrated: 2019/2/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1336; Calibrated: 2018/8/6
- Phantom: ELI
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (71x121x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 0.139 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 2.904 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.317 W/kg
SAR(1 g) = 0.080 W/kg; SAR(10 g) = 0.034 W/kg
Maximum value of SAR (measured) = 0.146 W/kg



0 dB = 0.146 W/kg = -8.36 dBW/kg

Date: 2019/5/6

WLAN 802.11a 5.5G_Body_Edge3_CH 124_5mm

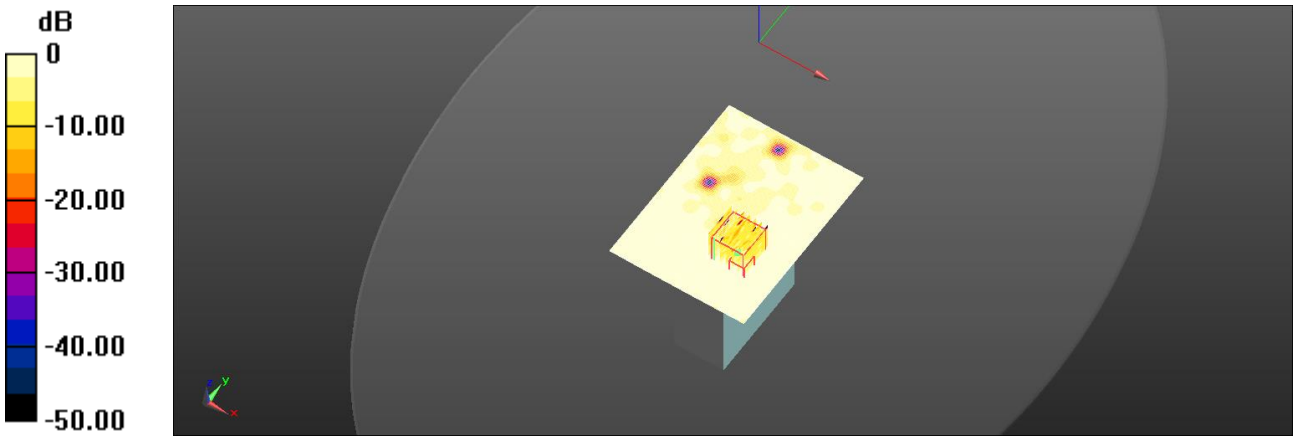
Communication System: WLAN 5G; Frequency: 5620 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5620 MHz; σ = 5.839 S/m; ε_r = 47.995; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.4°C; Liquid temperature: 22.1°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7466; ConvF(4.22, 4.22, 4.22); Calibrated: 2019/2/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1336; Calibrated: 2018/8/6
- Phantom: ELI
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (91x121x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 0.0370 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.221 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.0870 W/kg
SAR(1 g) = 0.016 W/kg; SAR(10 g) = 0.00671 W/kg
Maximum value of SAR (measured) = 0.0281 W/kg



0 dB = 0.0281 W/kg = -15.51 dBW/kg

Date: 2019/5/6

WLAN 802.11a 5.5G_Body_Edge4_CH 124_5mm

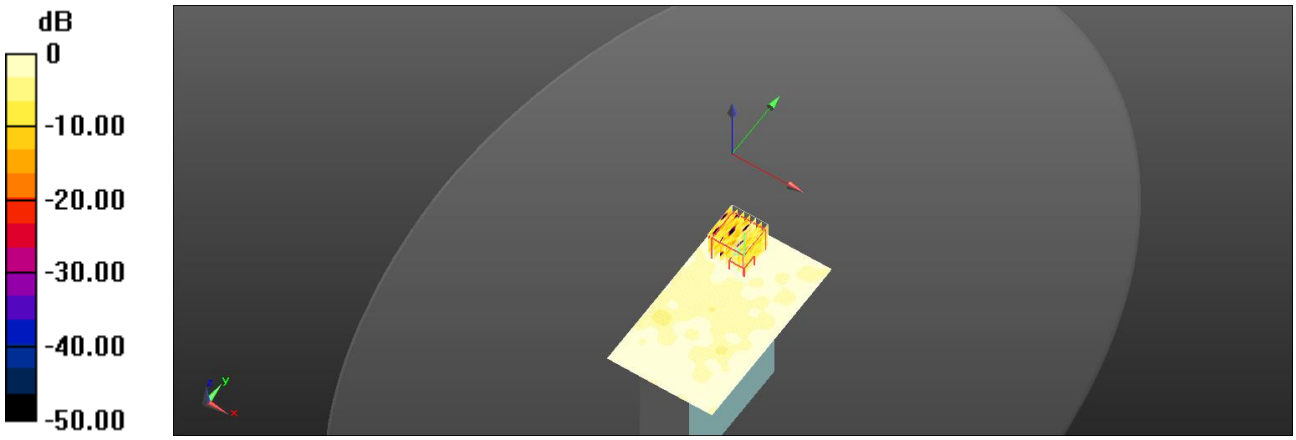
Communication System: WLAN 5G; Frequency: 5620 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5620 MHz; σ = 5.839 S/m; ε_r = 47.995; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.4°C; Liquid temperature: 22.1°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7466; ConvF(4.22, 4.22, 4.22); Calibrated: 2019/2/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1336; Calibrated: 2018/8/6
- Phantom: ELI
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (71x121x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 0.0313 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.526 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.200 W/kg
SAR(1 g) = 0.015 W/kg; SAR(10 g) = 0.00628 W/kg
Maximum value of SAR (measured) = 0.0321 W/kg



0 dB = 0.0321 W/kg = -14.93 dBW/kg

Date: 2019/5/6

WLAN 802.11a 5.5G_Body_Real_CH 124_5mm

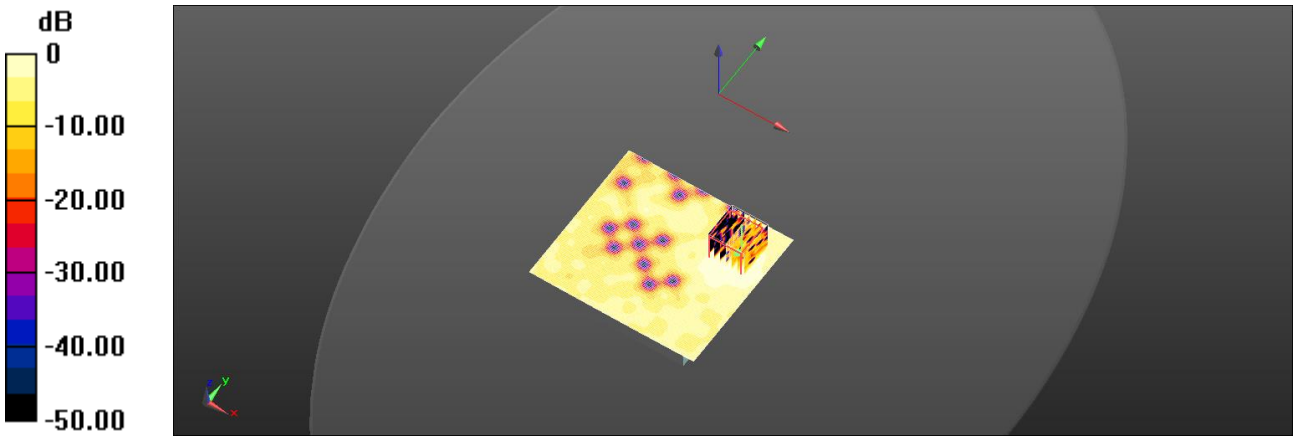
Communication System: WLAN 5G; Frequency: 5620 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5620 MHz; σ = 5.839 S/m; ε_r = 47.995; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.4°C; Liquid temperature: 22.1°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7466; ConvF(4.22, 4.22, 4.22); Calibrated: 2019/2/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1336; Calibrated: 2018/8/6
- Phantom: ELI
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (111x101x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 0.0599 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 2.399 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.249 W/kg
SAR(1 g) = 0.023 W/kg; SAR(10 g) = 0.00982 W/kg
Maximum value of SAR (measured) = 0.0591 W/kg



0 dB = 0.0591 W/kg = -12.28 dBW/kg

Date: 2019/5/6

WLAN 802.11a 5.8G_Body_Edge1_CH 157_5mm

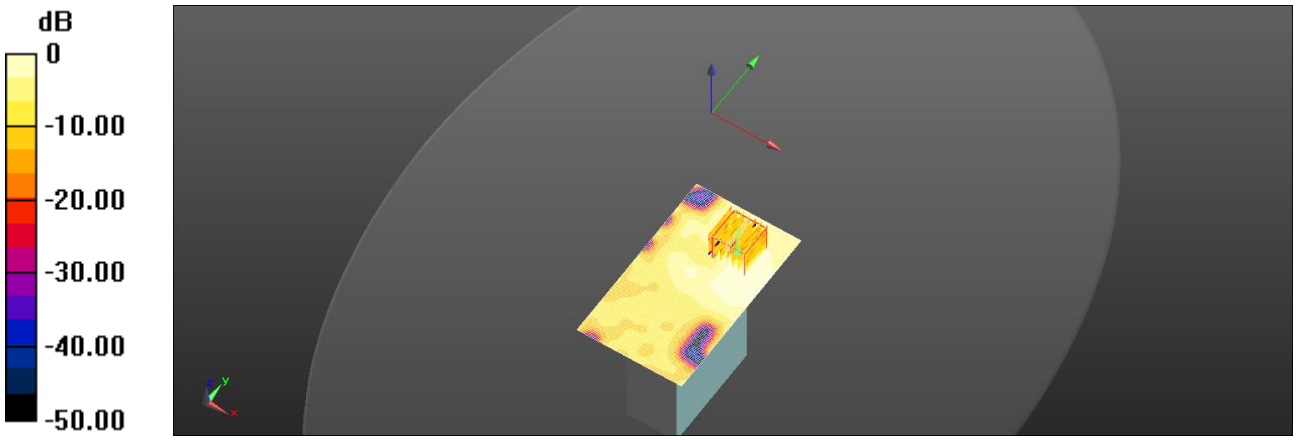
Communication System: WLAN 5G; Frequency: 5785 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5785 MHz; σ = 6.114 S/m; ε_r = 47.409; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.1°C; Liquid temperature: 21.9°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7466; ConvF(4.38, 4.38, 4.38); Calibrated: 2019/2/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1336; Calibrated: 2018/8/6
- Phantom: ELI
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (71x121x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 0.100 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 2.448 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.186 W/kg
SAR(1 g) = 0.044 W/kg; SAR(10 g) = 0.017 W/kg
Maximum value of SAR (measured) = 0.0949 W/kg



0 dB = 0.0949 W/kg = -10.23 dBW/kg

Date: 2019/5/6

WLAN 802.11a 5.8G_Body_Edge2_CH 157_5mm

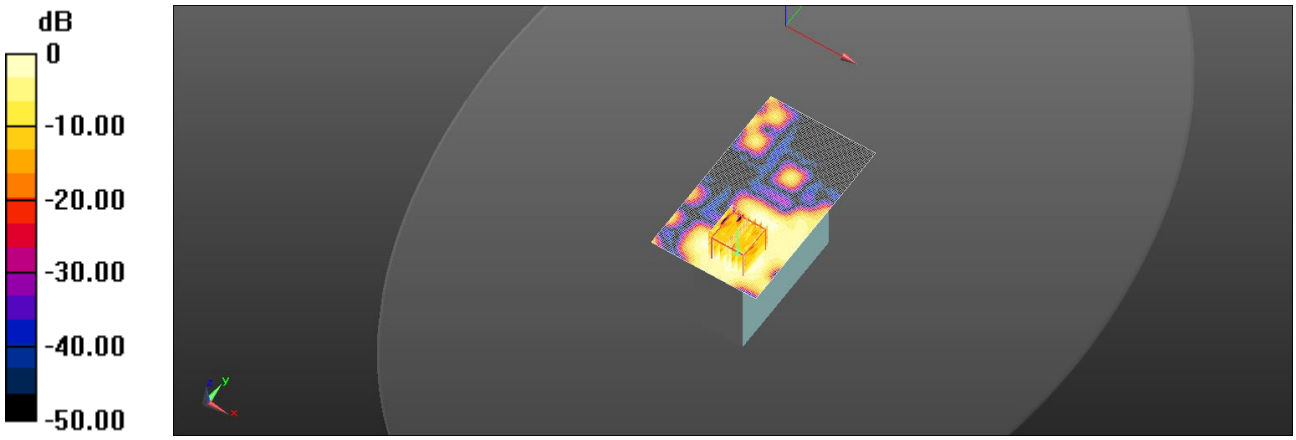
Communication System: WLAN 5G; Frequency: 5785 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5785 MHz; σ = 6.114 S/m; ε_r = 47.409; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.1°C; Liquid temperature: 21.9°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7466; ConvF(4.38, 4.38, 4.38); Calibrated: 2019/2/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1336; Calibrated: 2018/8/6
- Phantom: ELI
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (71x121x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 0.0858 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.849 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.242 W/kg
SAR(1 g) = 0.042 W/kg; SAR(10 g) = 0.015 W/kg
Maximum value of SAR (measured) = 0.0821 W/kg



0 dB = 0.0821 W/kg = -10.86 dBW/kg

Date: 2019/5/6

WLAN 802.11a 5.8G_Body_Edge3_CH 157_5mm

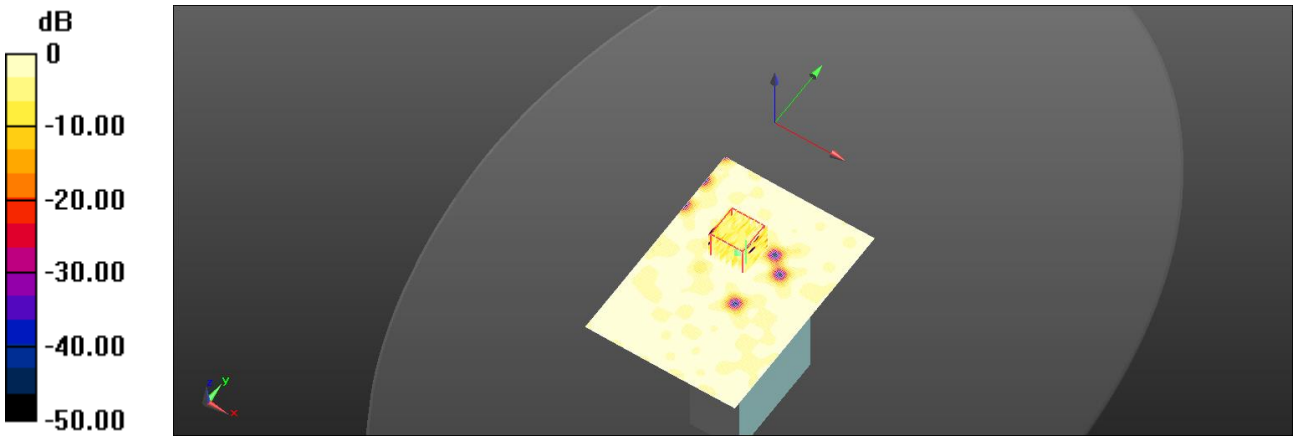
Communication System: WLAN 5G; Frequency: 5785 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5785 MHz; σ = 6.114 S/m; ε_r = 47.409; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.1°C; Liquid temperature: 21.9°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7466; ConvF(4.38, 4.38, 4.38); Calibrated: 2019/2/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1336; Calibrated: 2018/8/6
- Phantom: ELI
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (101x141x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 0.0244 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.267 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.162 W/kg
SAR(1 g) = 0.013 W/kg; SAR(10 g) = 0.00422 W/kg
Maximum value of SAR (measured) = 0.0190 W/kg



0 dB = 0.0190 W/kg = -17.21 dBW/kg

Date: 2019/5/6

WLAN 802.11a 5.8G_Body_Edge4_CH 157_5mm

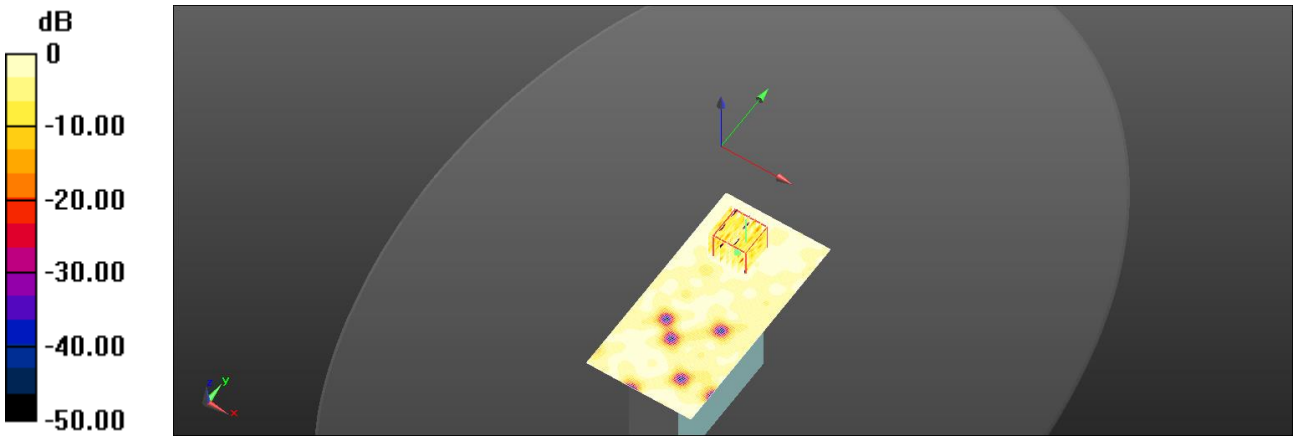
Communication System: WLAN 5G; Frequency: 5785 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5785 MHz; σ = 6.114 S/m; ε_r = 47.409; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.1°C; Liquid temperature: 21.9°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7466; ConvF(4.38, 4.38, 4.38); Calibrated: 2019/2/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1336; Calibrated: 2018/8/6
- Phantom: ELI
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (71x141x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 0.0215 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.618 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.0880 W/kg
SAR(1 g) = 0.012 W/kg; SAR(10 g) = 0.0058 W/kg
Maximum value of SAR (measured) = 0.0228 W/kg



0 dB = 0.0228 W/kg = -16.42 dBW/kg

Date: 2019/5/6

WLAN 802.11a 5.8G_Body_Real_CH 157_5mm

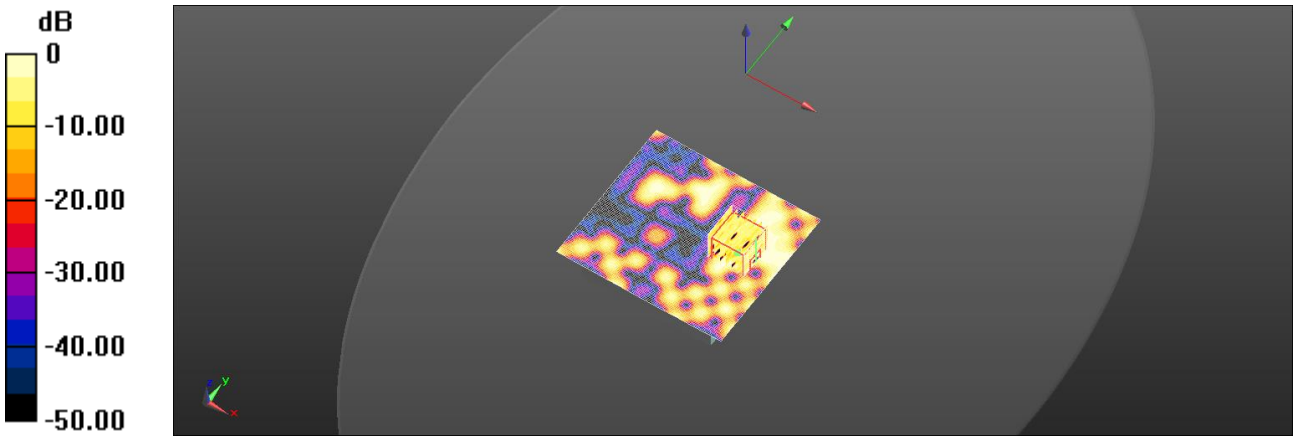
Communication System: WLAN 5G; Frequency: 5785 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5785 MHz; σ = 6.114 S/m; ε_r = 47.409; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.1°C; Liquid temperature: 21.9°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7466; ConvF(4.38, 4.38, 4.38); Calibrated: 2019/2/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1336; Calibrated: 2018/8/6
- Phantom: ELI
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Area Scan (111x101x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 0.0457 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.499 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.149 W/kg
SAR(1 g) = 0.011 W/kg; SAR(10 g) = 0.00433 W/kg
Maximum value of SAR (measured) = 0.0202 W/kg



0 dB = 0.0202 W/kg = -16.95 dBW/kg