Appendix A. Plots of System Verification

The plots for system verification are shown as follows.

Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2022/12/10

S01 System Check_H1900_221210

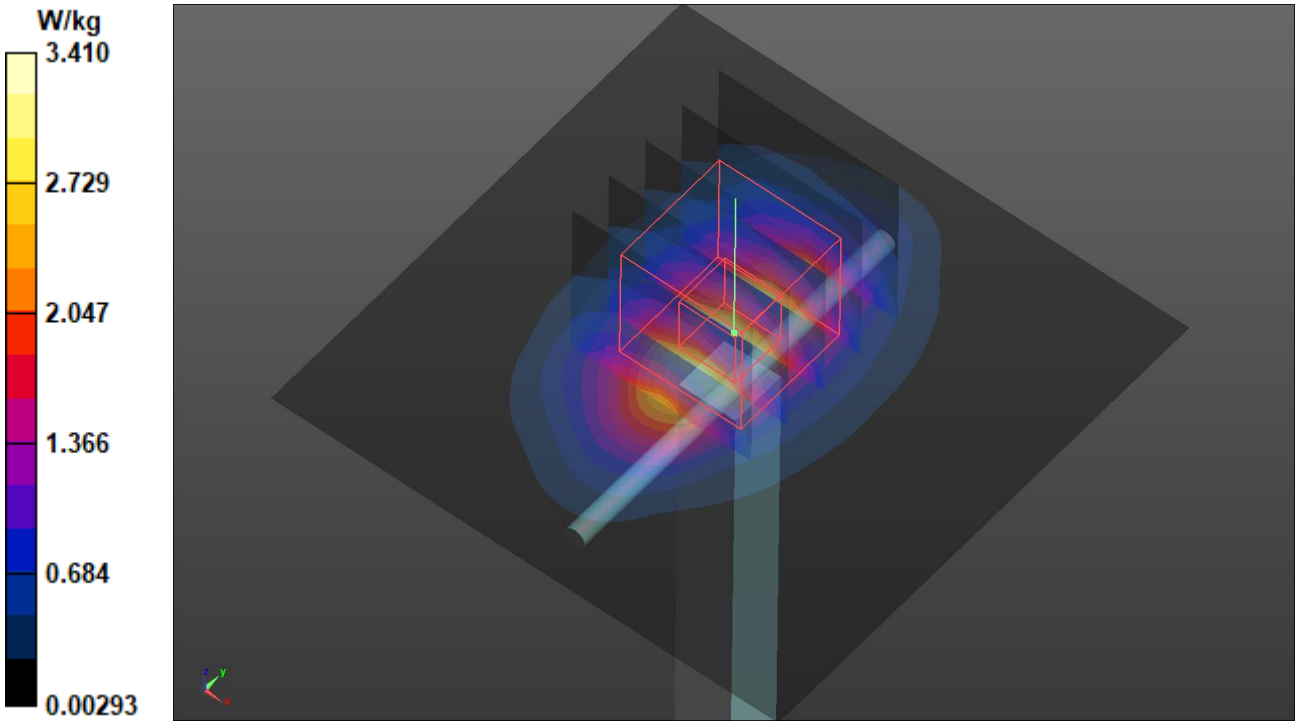
DUT: Dipole 1900 MHz; Type: D1900V2; SN: 5d036

Communication System: UID 0, CW; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: H06T27N5_1210 Medium parameters used: f = 1900 MHz; σ = 1.438 S/m; ε_r = 41.303; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃； Liquid Temperature：21.0 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7472; ConvF(8.44, 8.44, 8.44) @ 1900 MHz; Calibrated: 2022/05/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2022/06/01
- Phantom: ELI Phantom_2118; Type: QD OVA 004 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Pin=50mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 3.41 W/kg

Pin=50mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 48.02 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 4.06 W/kg
SAR(1 g) = 2.19 W/kg; SAR(10 g) = 1.16 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 3.42 W/kg



Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2022/12/10

S02 System Check_H1750_221210

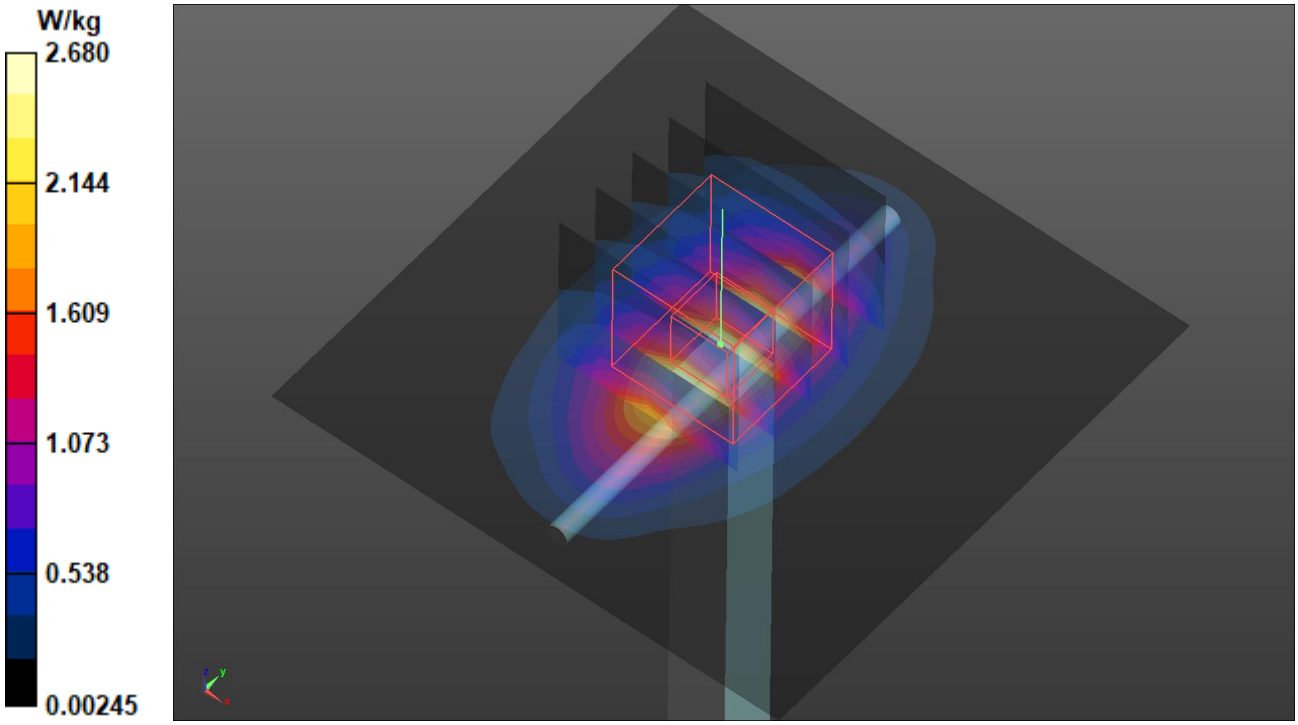
DUT: Dipole 1750 MHz; Type: D1750V2; SN: 1055

Communication System: UID 0, CW; Frequency: 1750 MHz;Duty Cycle: 1:1
Medium: H06T27N5_1210 Medium parameters used: f = 1750 MHz; σ = 1.355 S/m; ε_r = 41.515; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃； Liquid Temperature：21.0 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7472; ConvF(8.8, 8.8, 8.8) @ 1750 MHz; Calibrated: 2022/05/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2022/06/01
- Phantom: ELI Phantom_2118; Type: QD OVA 004 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Pin=50mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 2.68 W/kg

Pin=50mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 45.17 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 3.24 W/kg
SAR(1 g) = 1.78 W/kg; SAR(10 g) = 0.942 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 2.71 W/kg



Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2022/12/10

S03 System Check_H835_221210

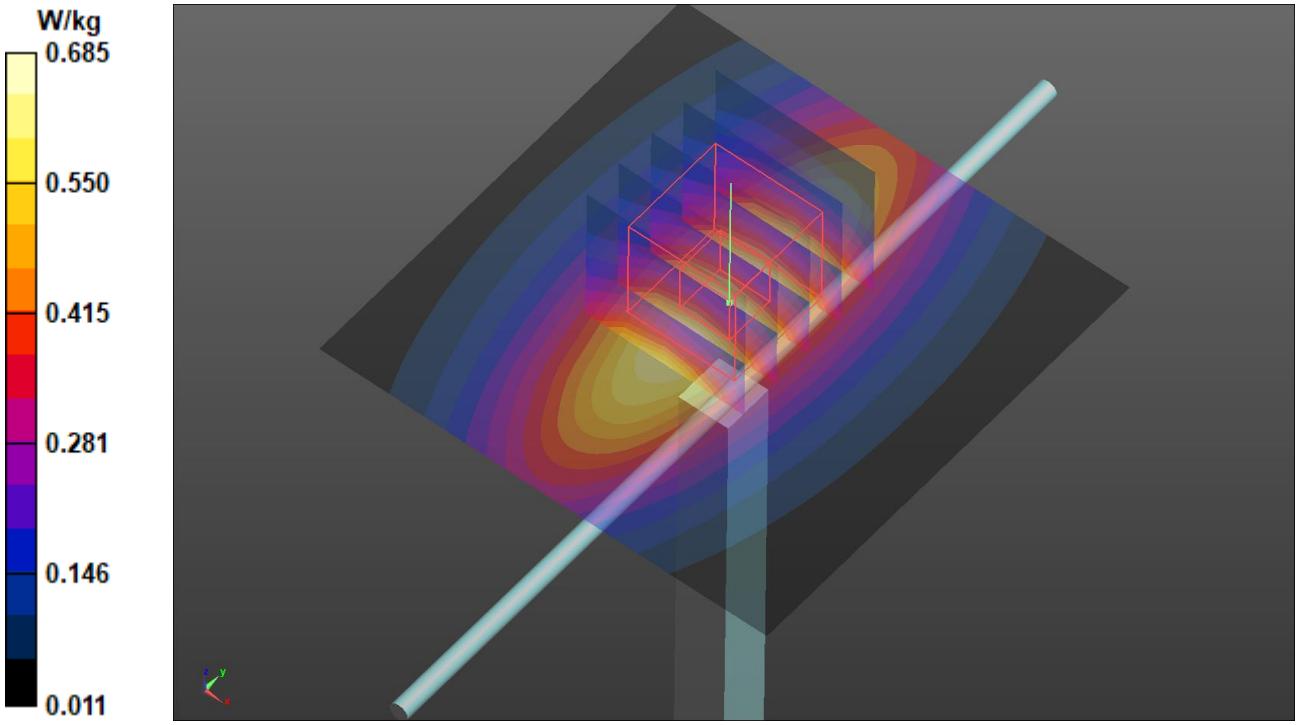
DUT: Dipole 835 MHz; Type: D835V2; SN: 4d121

Communication System: UID 0, CW; Frequency: 835 MHz;Duty Cycle: 1:1
Medium: H06T27N5_1210 Medium parameters used: f = 835 MHz; σ = 0.929 S/m; ε_r = 43.252; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃； Liquid Temperature：21.0 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7472; ConvF(10.1, 10.1, 10.1) @ 835 MHz; Calibrated: 2022/05/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2022/06/01
- Phantom: ELI Phantom_2118; Type: QD OVA 004 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Pin=50mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.685 W/kg

Pin=50mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.62 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.723 W/kg
SAR(1 g) = 0.481 W/kg; SAR(10 g) = 0.317 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.643 W/kg



Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2022/12/09

S04 System Check_H1900_221209

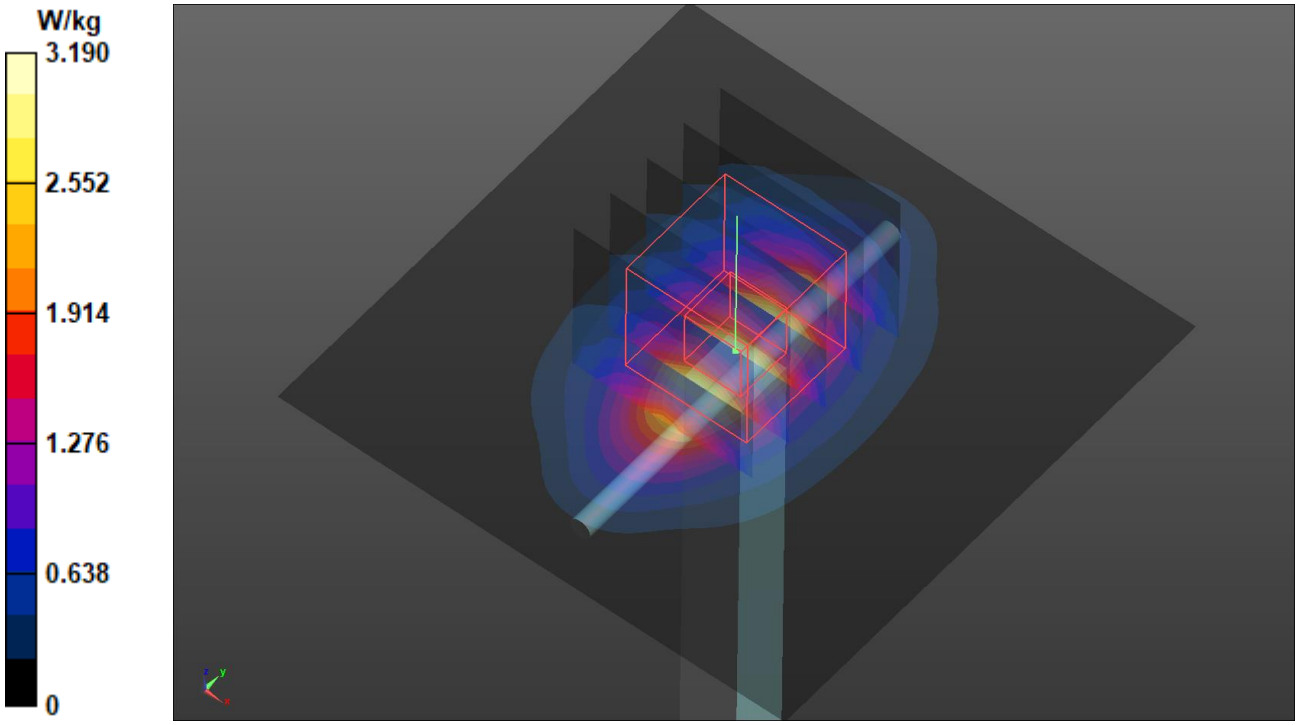
DUT: Dipole 1900 MHz; Type: D1900V2; SN: 5d036

Communication System: UID 0, CW; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: H06T27N5_1209 Medium parameters used: f = 1900 MHz; σ = 1.465 S/m; ε_r = 41.056; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃； Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7472; ConvF(8.44, 8.44, 8.44) @ 1900 MHz; Calibrated: 2022/05/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2022/06/01
- Phantom: ELI Phantom_2118; Type: QD OVA 004 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Pin=50mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 3.19 W/kg

Pin=50mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 48.16 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 3.79 W/kg
SAR(1 g) = 2.03 W/kg; SAR(10 g) = 1.06 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 3.22 W/kg



Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2022/12/12

S05 System Check_H1750_221212

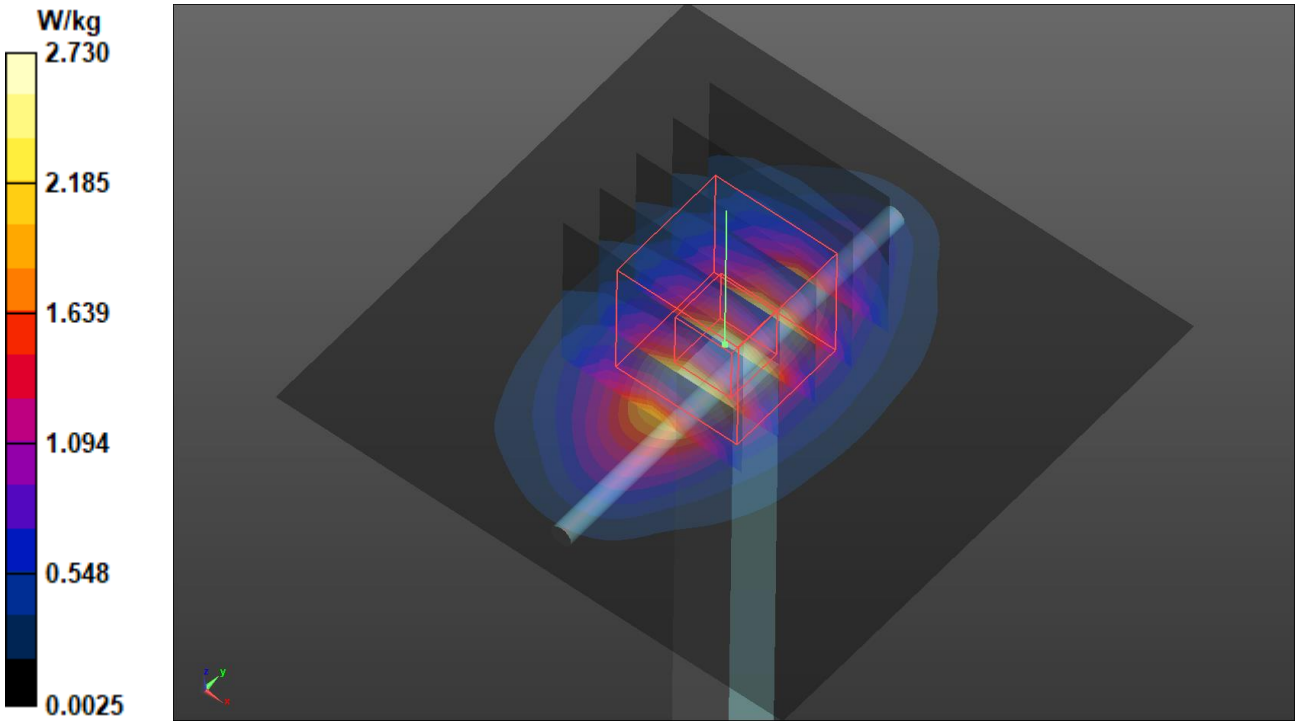
DUT: Dipole 1750 MHz; Type: D1750V2; SN: 1055

Communication System: UID 0, CW; Frequency: 1750 MHz;Duty Cycle: 1:1
Medium: H06T27N5_1212 Medium parameters used: f = 1750 MHz; σ = 1.383 S/m; ε_r = 41.298; ρ = 1000 kg/m^3
Ambient Temperature：22.7 ℃； Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7472; ConvF(8.8, 8.8, 8.8) @ 1750 MHz; Calibrated: 2022/05/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2022/06/01
- Phantom: ELI Phantom_2118; Type: QD OVA 004 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Pin=50mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 2.73 W/kg

Pin=50mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 45.17 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 3.31 W/kg
SAR(1 g) = 1.79 W/kg; SAR(10 g) = 0.953 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 2.77 W/kg



Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2022/12/12

S06 System Check_H835_221212

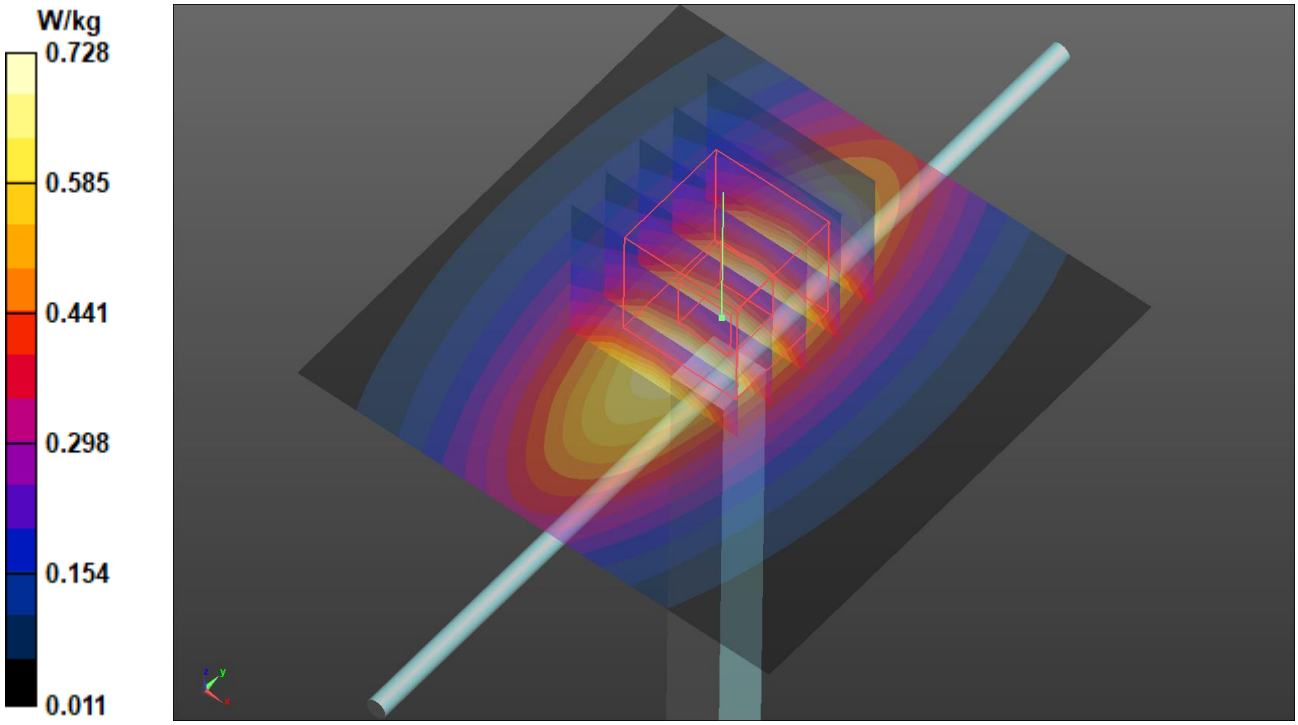
DUT: Dipole 835 MHz; Type: D835V2; SN: 4d121

Communication System: UID 0, CW; Frequency: 835 MHz;Duty Cycle: 1:1
Medium: H06T27N5_1212 Medium parameters used: f = 835 MHz; σ = 0.95 S/m; ε_r = 43.29; ρ = 1000 kg/m^3
Ambient Temperature：22.7 ℃； Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7472; ConvF(10.1, 10.1, 10.1) @ 835 MHz; Calibrated: 2022/05/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2022/06/01
- Phantom: ELI Phantom_2118; Type: QD OVA 004 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Pin=50mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.728 W/kg

Pin=50mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.55 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.818 W/kg
SAR(1 g) = 0.528 W/kg; SAR(10 g) = 0.354 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.725 W/kg



Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2022/12/09

S07 System Check_H2600_221209

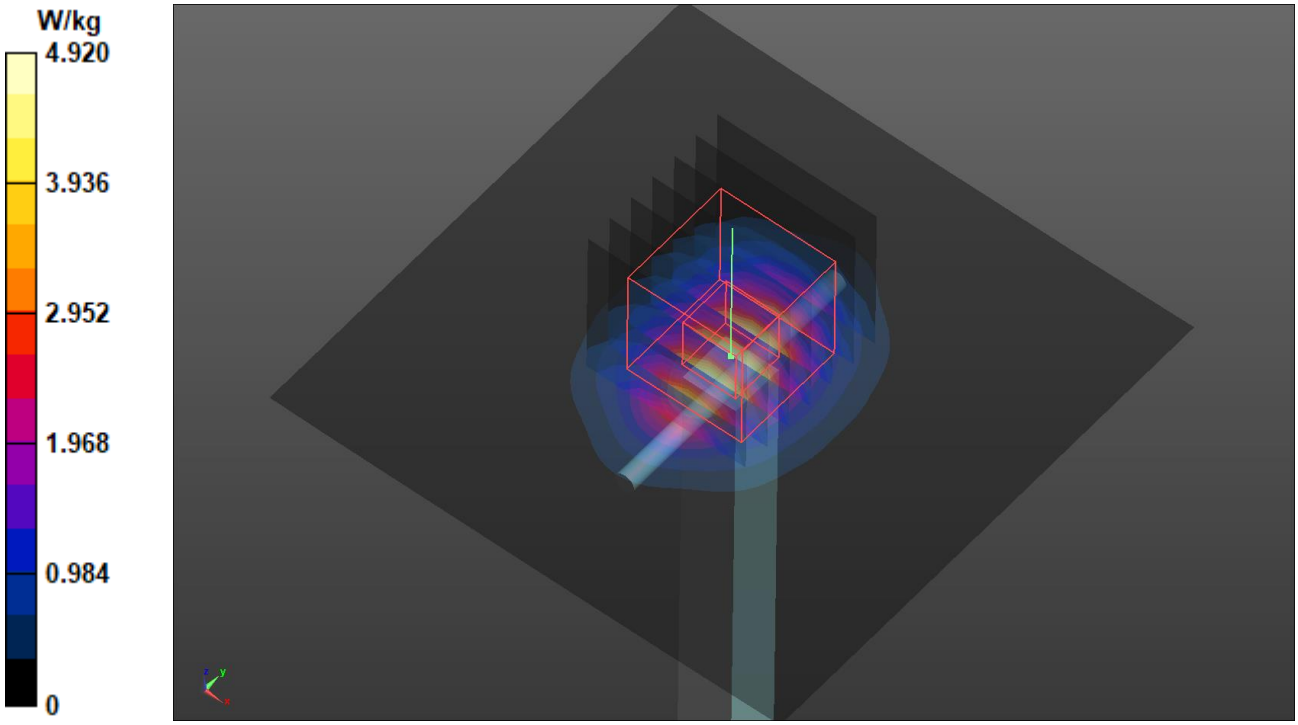
DUT: Dipole 2600 MHz; Type: D2600V2; SN: 1020

Communication System: UID 0, CW; Frequency: 2600 MHz;Duty Cycle: 1:1
Medium: H06T27N5_1209 Medium parameters used: f = 2600 MHz; σ = 1.959 S/m; ε_r = 40.041; ρ = 1000 kg/m^3
Ambient Temperature：22.7 ℃； Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7472; ConvF(7.59, 7.59, 7.59) @ 2600 MHz; Calibrated: 2022/05/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2022/06/01
- Phantom: ELI Phantom_2118; Type: QD OVA 004 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Pin=50mW/Area Scan (81x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 4.92 W/kg

Pin=50mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 52.05 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 6.15 W/kg
SAR(1 g) = 2.91 W/kg; SAR(10 g) = 1.3 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 4.97 W/kg



Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2022/12/03

S08 System Check_H750_221203

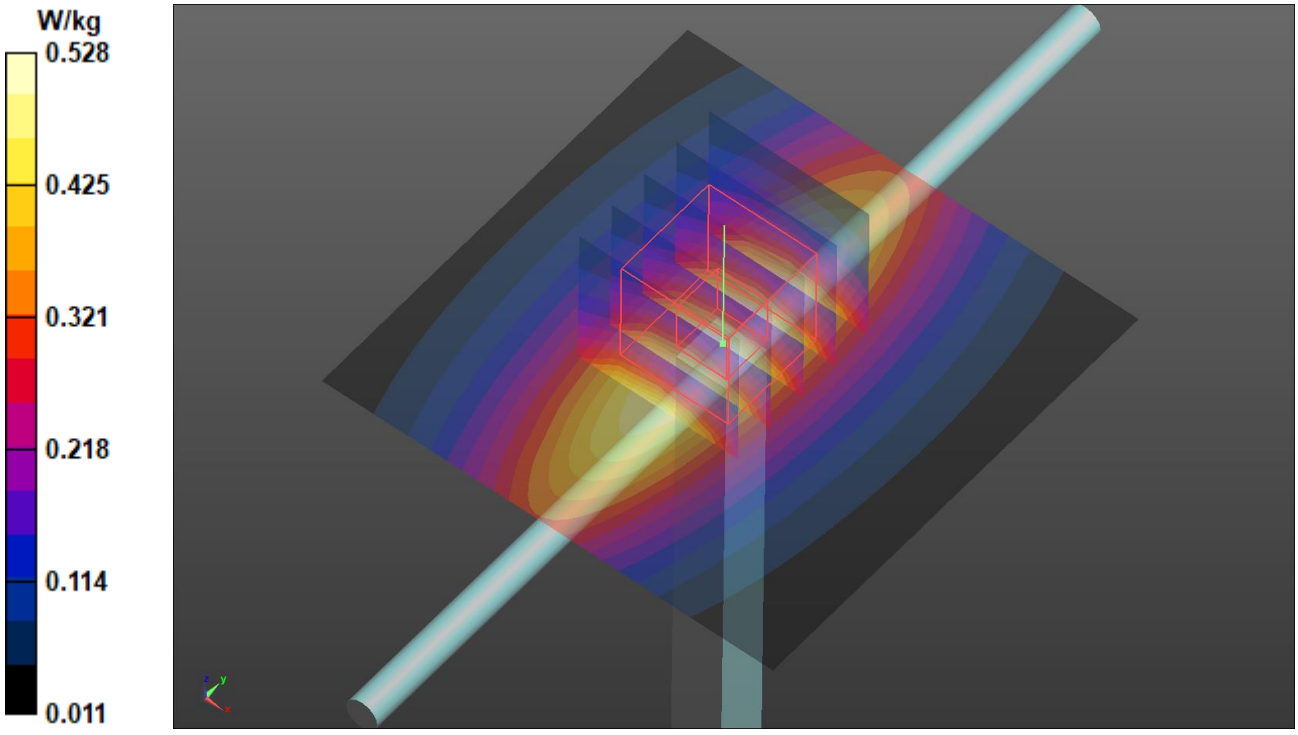
DUT: Dipole 750 MHz; Type: D750V3; SN: 1013

Communication System: UID 0, CW; Frequency: 750 MHz;Duty Cycle: 1:1
Medium: H06T27N5_1203 Medium parameters used: f = 750 MHz; σ = 0.91 S/m; ε_r = 43.925; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃； Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7472; ConvF(10.5, 10.5, 10.5) @ 750 MHz; Calibrated: 2022/05/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2022/06/01
- Phantom: ELI Phantom_2118; Type: QD OVA 004 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Pin=50mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.528 W/kg

Pin=50mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.41 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.594 W/kg
SAR(1 g) = 0.398 W/kg; SAR(10 g) = 0.263 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.532 W/kg



Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2022/12/03

S09 System Check_H750_221203

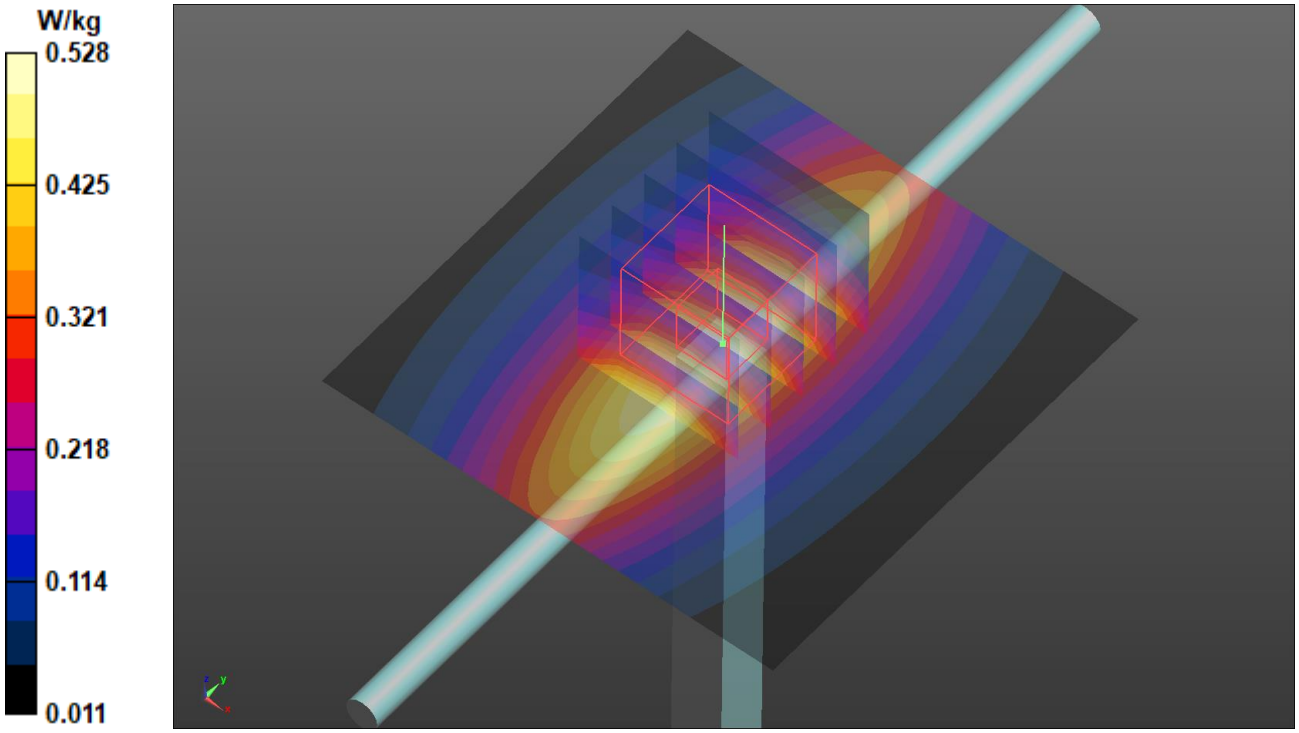
DUT: Dipole 750 MHz; Type: D750V3; SN: 1013

Communication System: UID 0, CW; Frequency: 750 MHz;Duty Cycle: 1:1
Medium: H06T27N5_1203 Medium parameters used: f = 750 MHz; σ = 0.91 S/m; ε_r = 43.925; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃； Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7472; ConvF(10.5, 10.5, 10.5) @ 750 MHz; Calibrated: 2022/05/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2022/06/01
- Phantom: ELI Phantom_2118; Type: QD OVA 004 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Pin=50mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.528 W/kg

Pin=50mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.41 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.594 W/kg
SAR(1 g) = 0.398 W/kg; SAR(10 g) = 0.263 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.532 W/kg



Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2022/12/03

S10 System Check_H750_221203

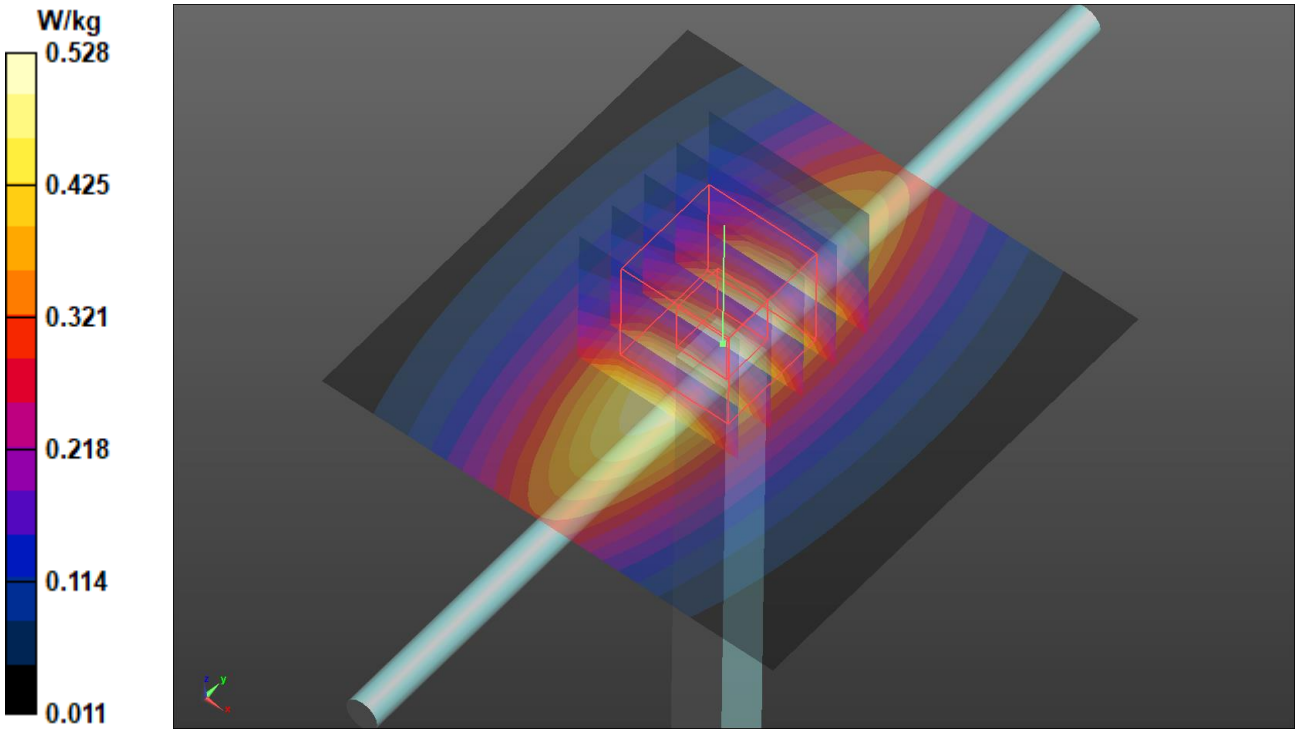
DUT: Dipole 750 MHz; Type: D750V3; SN: 1013

Communication System: UID 0, CW; Frequency: 750 MHz;Duty Cycle: 1:1
Medium: H06T27N5_1203 Medium parameters used: f = 750 MHz; σ = 0.91 S/m; ε_r = 43.925; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃； Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7472; ConvF(10.5, 10.5, 10.5) @ 750 MHz; Calibrated: 2022/05/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2022/06/01
- Phantom: ELI Phantom_2118; Type: QD OVA 004 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Pin=50mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.528 W/kg

Pin=50mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.41 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.594 W/kg
SAR(1 g) = 0.398 W/kg; SAR(10 g) = 0.263 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.532 W/kg



Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2022/12/03

S11 System Check_H750_221203

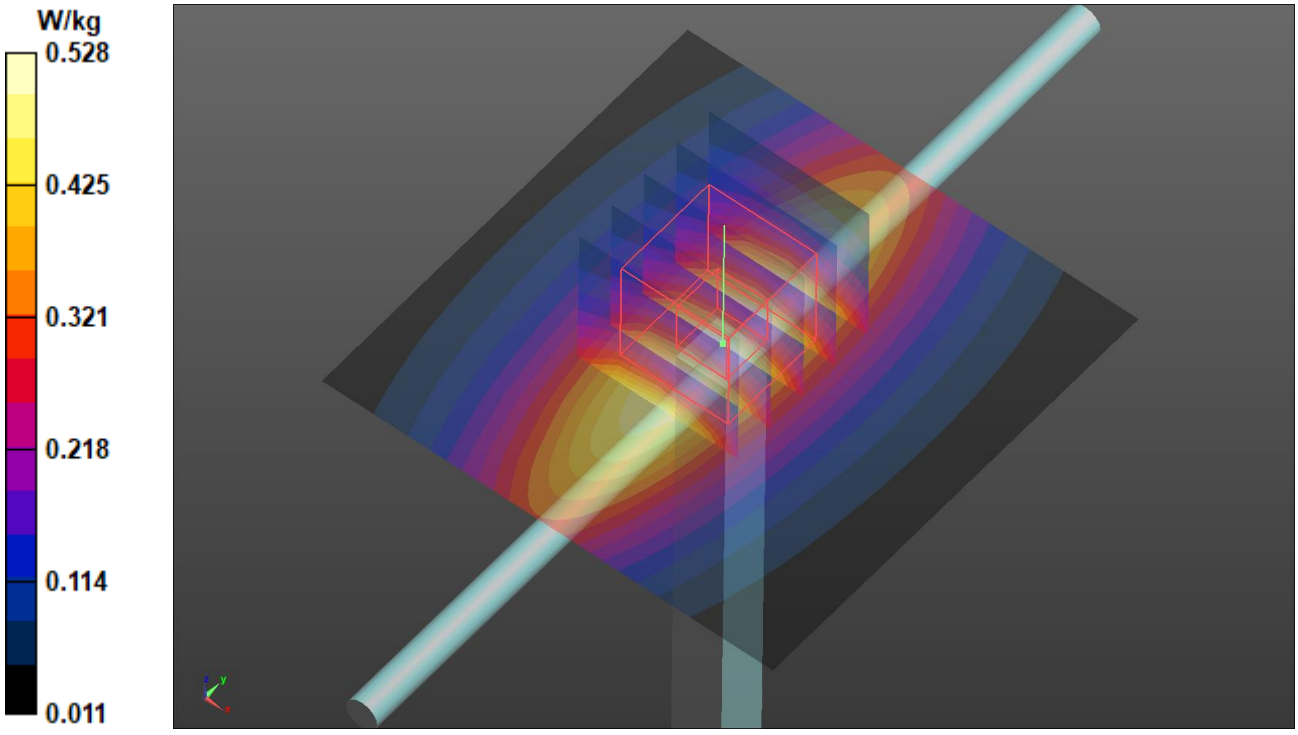
DUT: Dipole 750 MHz; Type: D750V3; SN: 1013

Communication System: UID 0, CW; Frequency: 750 MHz;Duty Cycle: 1:1
Medium: H06T27N5_1203 Medium parameters used: f = 750 MHz; σ = 0.91 S/m; ε_r = 43.925; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃； Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7472; ConvF(10.5, 10.5, 10.5) @ 750 MHz; Calibrated: 2022/05/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2022/06/01
- Phantom: ELI Phantom_2118; Type: QD OVA 004 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Pin=50mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.528 W/kg

Pin=50mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.41 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.594 W/kg
SAR(1 g) = 0.398 W/kg; SAR(10 g) = 0.263 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.532 W/kg



Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2022/12/09

S12 System Check_H1900_221209

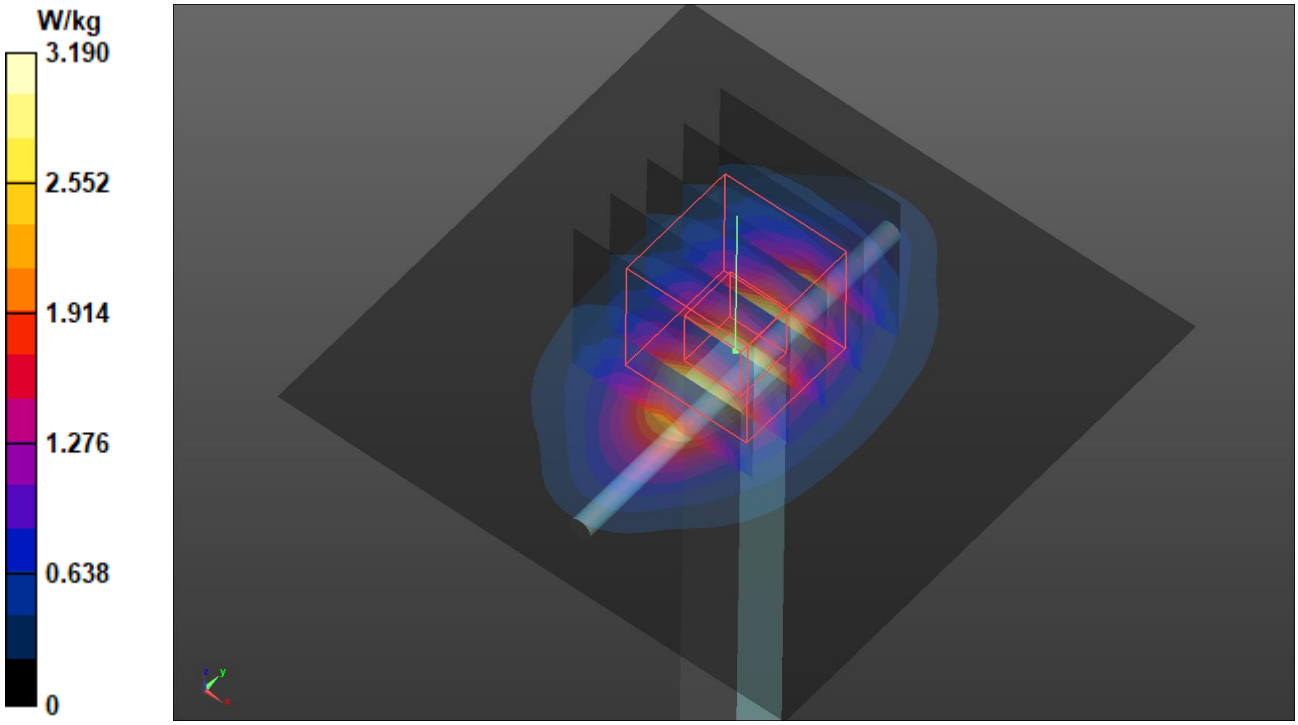
DUT: Dipole 1900 MHz; Type: D1900V2; SN: 5d036

Communication System: UID 0, CW; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: H06T27N5_1209 Medium parameters used: f = 1900 MHz; σ = 1.465 S/m; ε_r = 41.056; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃； Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7472; ConvF(8.44, 8.44, 8.44) @ 1900 MHz; Calibrated: 2022/05/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2022/06/01
- Phantom: ELI Phantom_2118; Type: QD OVA 004 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Pin=50mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 3.19 W/kg

Pin=50mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 48.16 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 3.79 W/kg
SAR(1 g) = 2.03 W/kg; SAR(10 g) = 1.06 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 3.22 W/kg



Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2022/12/12

S13 System Check_H835_221212

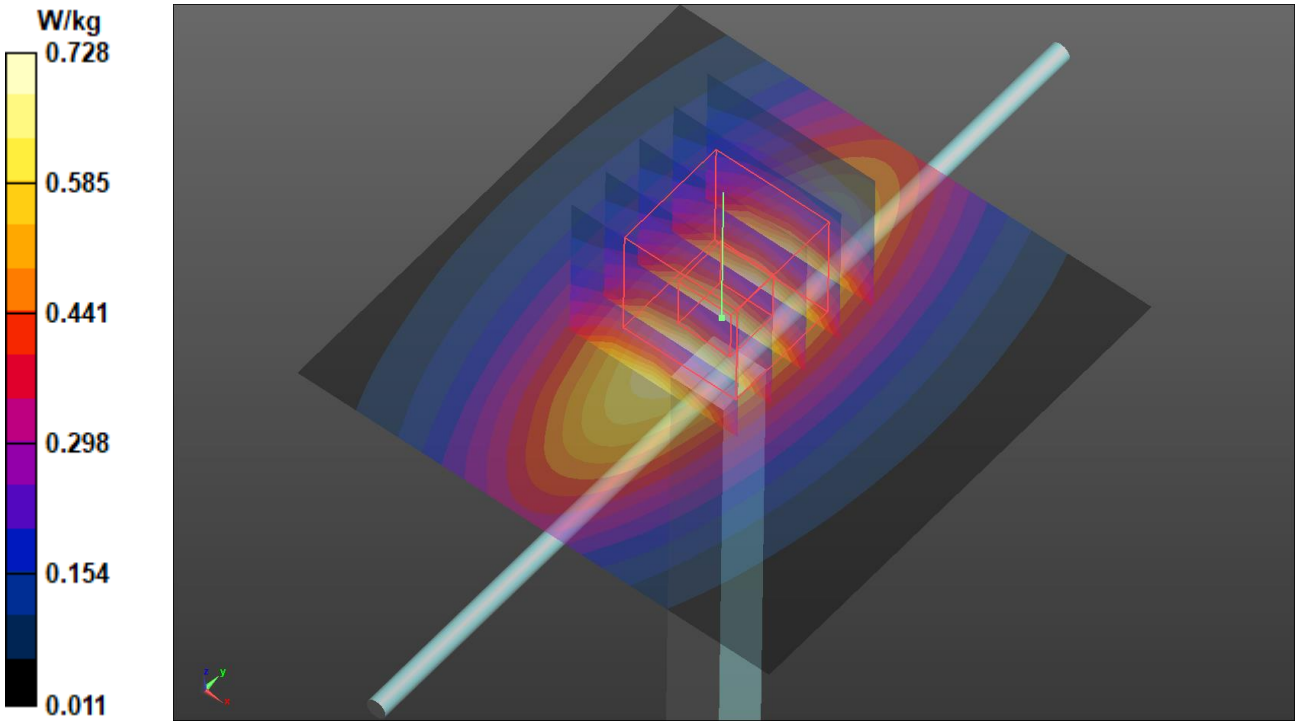
DUT: Dipole 835 MHz; Type: D835V2; SN: 4d121

Communication System: UID 0, CW; Frequency: 835 MHz;Duty Cycle: 1:1
Medium: H06T27N5_1212 Medium parameters used: f = 835 MHz; σ = 0.95 S/m; ε_r = 43.29; ρ = 1000 kg/m^3
Ambient Temperature：22.7 ℃； Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7472; ConvF(10.1, 10.1, 10.1) @ 835 MHz; Calibrated: 2022/05/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2022/06/01
- Phantom: ELI Phantom_2118; Type: QD OVA 004 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Pin=50mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.728 W/kg

Pin=50mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.55 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.818 W/kg
SAR(1 g) = 0.528 W/kg; SAR(10 g) = 0.354 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.725 W/kg



Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2022/12/09

S14 System Check_H2600_221209

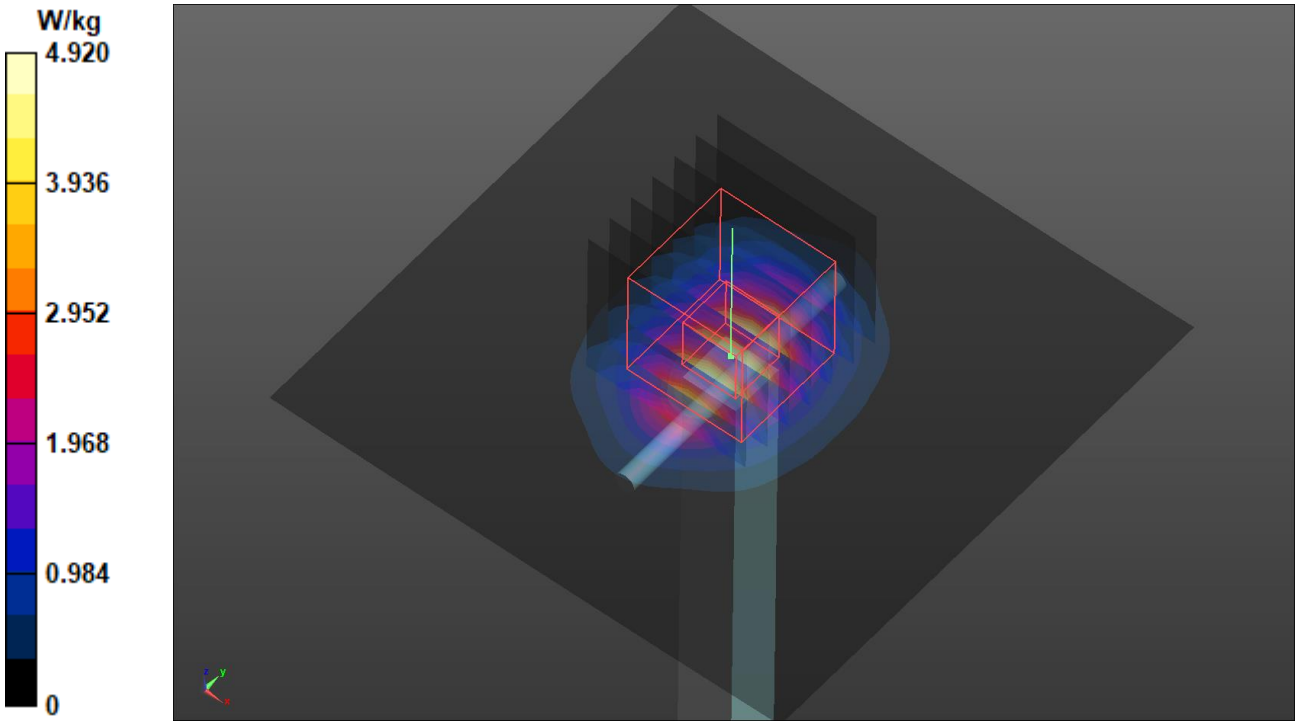
DUT: Dipole 2600 MHz; Type: D2600V2; SN: 1020

Communication System: UID 0, CW; Frequency: 2600 MHz;Duty Cycle: 1:1
Medium: H06T27N5_1209 Medium parameters used: f = 2600 MHz; σ = 1.959 S/m; ε_r = 40.041; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃； Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7472; ConvF(7.59, 7.59, 7.59) @ 2600 MHz; Calibrated: 2022/05/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2022/06/01
- Phantom: ELI Phantom_2118; Type: QD OVA 004 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Pin=50mW/Area Scan (81x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 4.92 W/kg

Pin=50mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 52.05 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 6.15 W/kg
SAR(1 g) = 2.91 W/kg; SAR(10 g) = 1.3 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 4.97 W/kg



Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2022/12/04

S15 System Check_H2600_221204

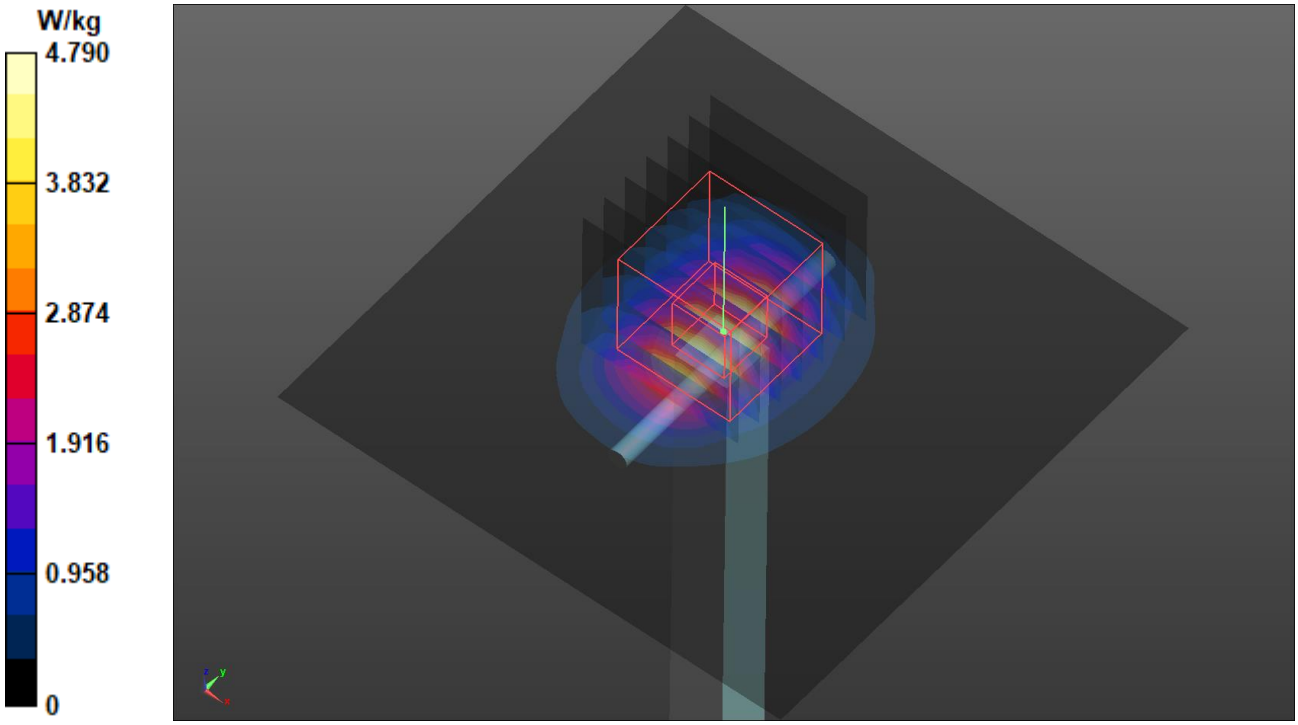
DUT: Dipole 2600 MHz; Type: D2600V2; SN: 1020

Communication System: UID 0, CW; Frequency: 2600 MHz;Duty Cycle: 1:1
Medium: H06T27N5_1204 Medium parameters used: f = 2600 MHz; σ = 1.959 S/m; ε_r = 40.678; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃； Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7472; ConvF(7.59, 7.59, 7.59) @ 2600 MHz; Calibrated: 2022/05/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2022/06/01
- Phantom: ELI Phantom_2118; Type: QD OVA 004 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Pin=50mW/Area Scan (81x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 4.79 W/kg

Pin=50mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 45.54 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 5.91 W/kg
SAR(1 g) = 2.91 W/kg; SAR(10 g) = 1.33 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 4.80 W/kg



Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2022/12/05

S16 System Check_H3500_221205

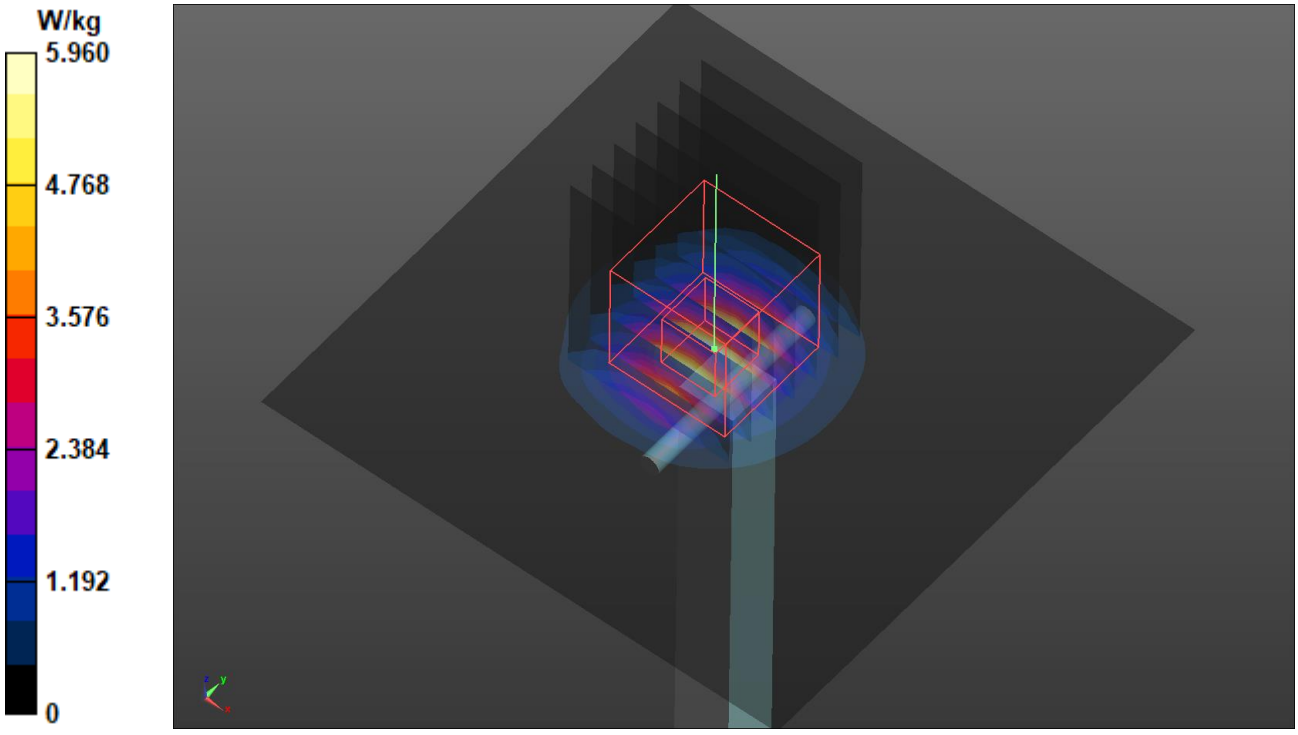
DUT: Dipole 3500 MHz; Type:D3500V2; SN: 1007

Communication System: UID 0, CW; Frequency: 3500 MHz;Duty Cycle: 1:1
Medium: H33T50N5_1205 Medium parameters used: f = 3500 MHz; σ = 2.814 S/m; ε_r = 39.284; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃； Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7472; ConvF(7.22, 7.22, 7.22) @ 3500 MHz; Calibrated: 2022/05/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2022/06/01
- Phantom: ELI Phantom_2118; Type: QD OVA 004 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Pin=50mW/Area Scan (81x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 5.96 W/kg

Pin=50mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2.5mm
Reference Value = 46.10 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 8.13 W/kg
SAR(1 g) = 3.38 W/kg; SAR(10 g) = 1.33 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 6.22 W/kg



Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2022/12/05

S17a System Check_H3500_221205

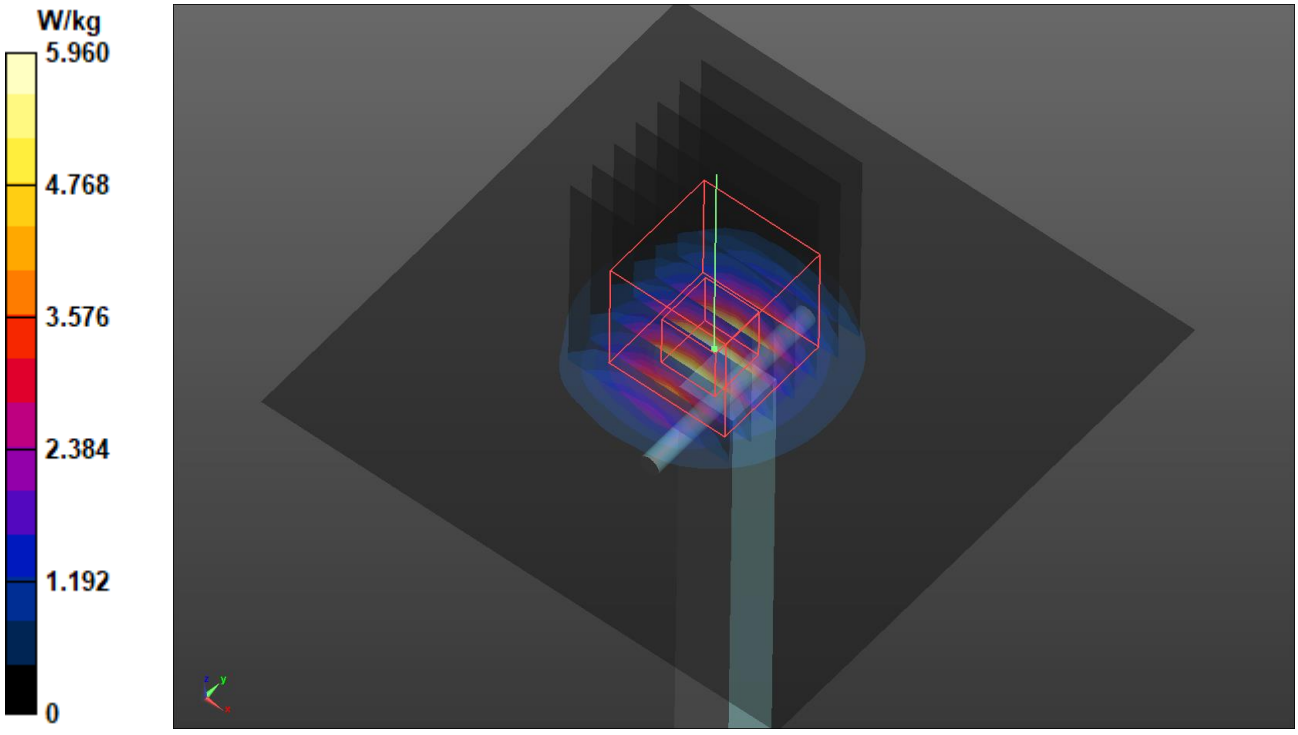
DUT: Dipole 3500 MHz; Type:D3500V2; SN: 1007

Communication System: UID 0, CW; Frequency: 3500 MHz;Duty Cycle: 1:1
Medium: H33T50N5_1205 Medium parameters used: f = 3500 MHz; σ = 2.814 S/m; ε_r = 39.284; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃； Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7472; ConvF(7.22, 7.22, 7.22) @ 3500 MHz; Calibrated: 2022/05/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2022/06/01
- Phantom: ELI Phantom_2118; Type: QD OVA 004 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Pin=50mW/Area Scan (81x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 5.96 W/kg

Pin=50mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2.5mm
Reference Value = 46.10 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 8.13 W/kg
SAR(1 g) = 3.38 W/kg; SAR(10 g) = 1.33 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 6.22 W/kg



Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2022/12/05

S17b System Check_H3700_221205

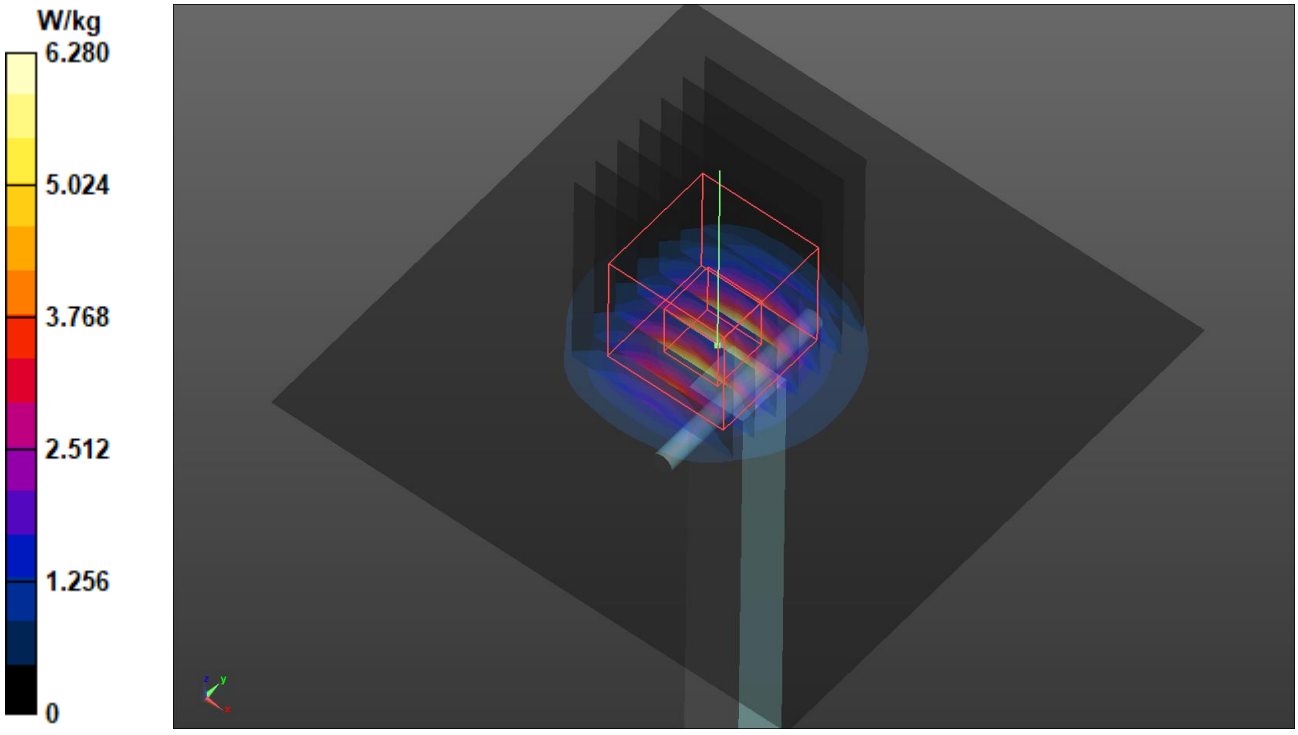
DUT: Dipole 3700 MHz; Type:D3700V2; SN: 1017

Communication System: UID 0, CW; Frequency: 3700 MHz;Duty Cycle: 1:1
Medium: H33T50N5_1205 Medium parameters used: f = 3700 MHz; σ = 3.002 S/m; ε_r = 38.966; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃； Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7472; ConvF(7.2, 7.2, 7.2) @ 3700 MHz; Calibrated: 2022/05/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2022/06/01
- Phantom: ELI Phantom_2118; Type: QD OVA 004 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Pin=50mW/Area Scan (81x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 6.28 W/kg

Pin=50mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2.5mm
Reference Value = 43.56 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 9.04 W/kg
SAR(1 g) = 3.56 W/kg; SAR(10 g) = 1.36 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 6.78 W/kg



Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2022/12/12

S18 System Check_H1750_221212

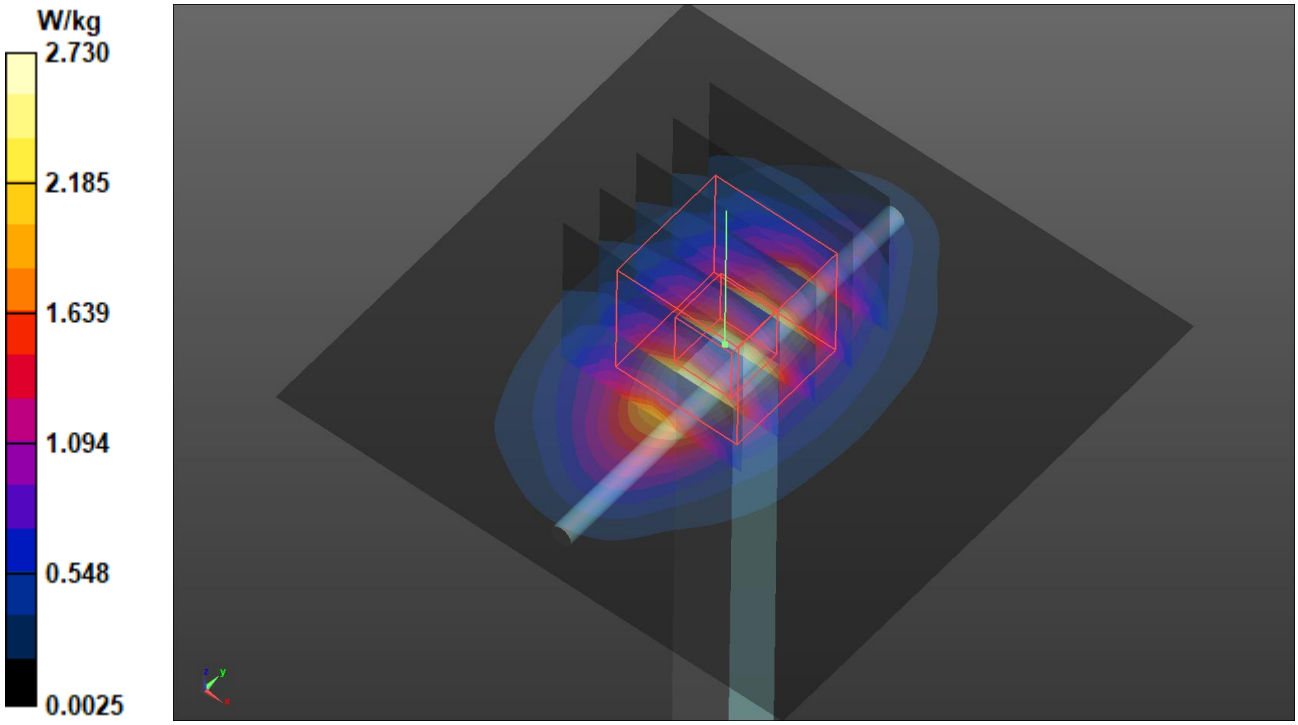
DUT: Dipole 1750 MHz; Type: D1750V2; SN: 1055

Communication System: UID 0, CW; Frequency: 1750 MHz;Duty Cycle: 1:1
Medium: H06T27N5_1212 Medium parameters used: f = 1750 MHz; σ = 1.383 S/m; ε_r = 41.298; ρ = 1000 kg/m^3
Ambient Temperature：22.7 ℃； Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7472; ConvF(8.8, 8.8, 8.8) @ 1750 MHz; Calibrated: 2022/05/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2022/06/01
- Phantom: ELI Phantom_2118; Type: QD OVA 004 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Pin=50mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 2.73 W/kg

Pin=50mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 45.17 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 3.31 W/kg
SAR(1 g) = 1.79 W/kg; SAR(10 g) = 0.953 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 2.77 W/kg



Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2022/12/05

S19 System Check_H750_221205

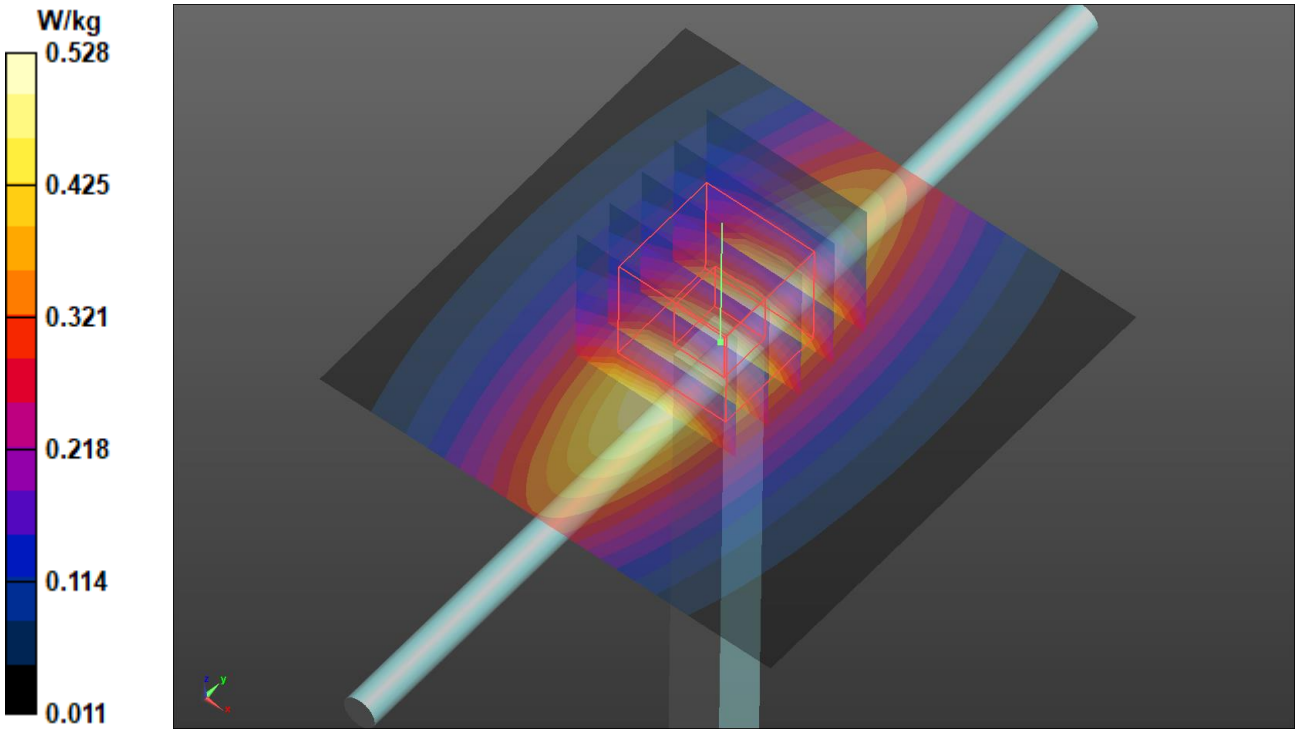
DUT: Dipole 750 MHz; Type: D750V3; SN: 1013

Communication System: UID 0, CW; Frequency: 750 MHz;Duty Cycle: 1:1
Medium: H06T27N5_1205 Medium parameters used: f = 750 MHz; σ = 0.908 S/m; ε_r = 43.931; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃； Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7472; ConvF(10.5, 10.5, 10.5) @ 750 MHz; Calibrated: 2022/05/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2022/06/01
- Phantom: ELI Phantom_2118; Type: QD OVA 004 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Pin=50mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.528 W/kg

Pin=50mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.41 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.593 W/kg
SAR(1 g) = 0.398 W/kg; SAR(10 g) = 0.262 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.531 W/kg



Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2022/12/10

S20 System Check_H1900_221210

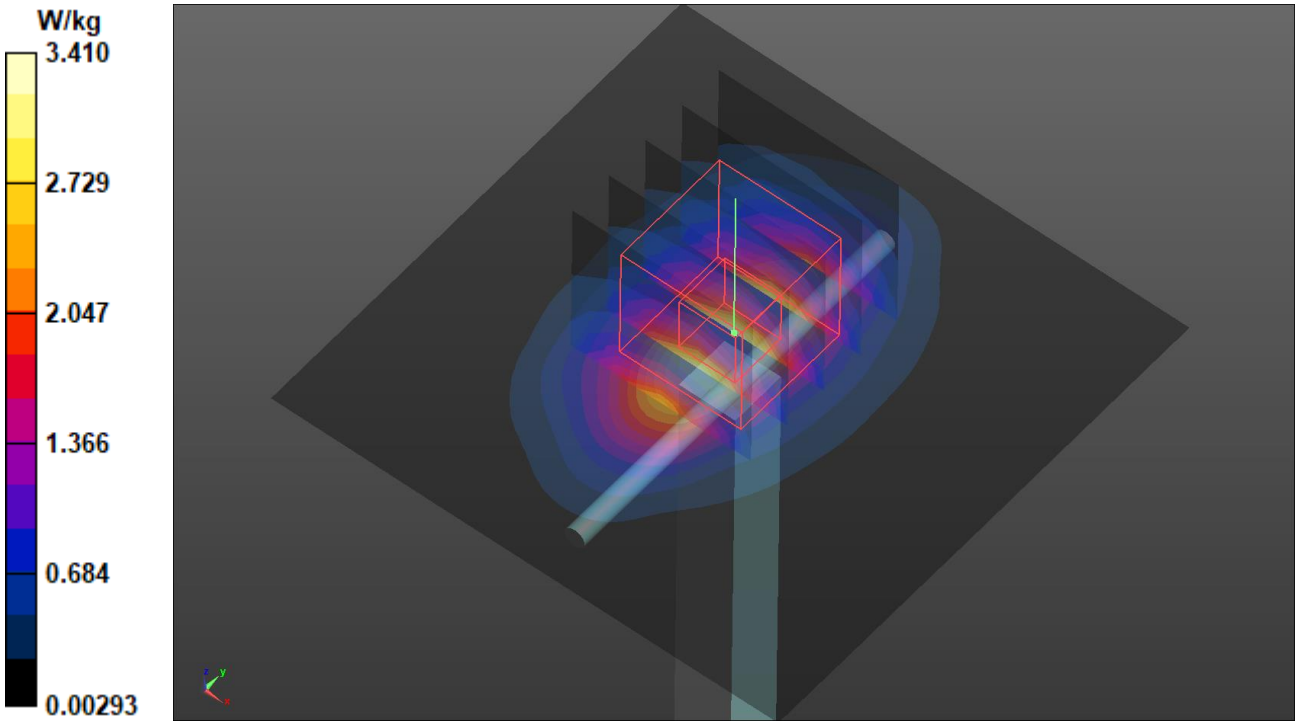
DUT: Dipole 1900 MHz; Type: D1900V2; SN: 5d036

Communication System: UID 0, CW; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: H06T27N5_1210 Medium parameters used: f = 1900 MHz; σ = 1.438 S/m; ε_r = 41.303; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃； Liquid Temperature：21.0 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7472; ConvF(8.44, 8.44, 8.44) @ 1900 MHz; Calibrated: 2022/05/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2022/06/01
- Phantom: ELI Phantom_2118; Type: QD OVA 004 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Pin=50mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 3.41 W/kg

Pin=50mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 48.02 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 4.06 W/kg
SAR(1 g) = 2.19 W/kg; SAR(10 g) = 1.16 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 3.42 W/kg



Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2022/12/10

S21 System Check_H835_221210

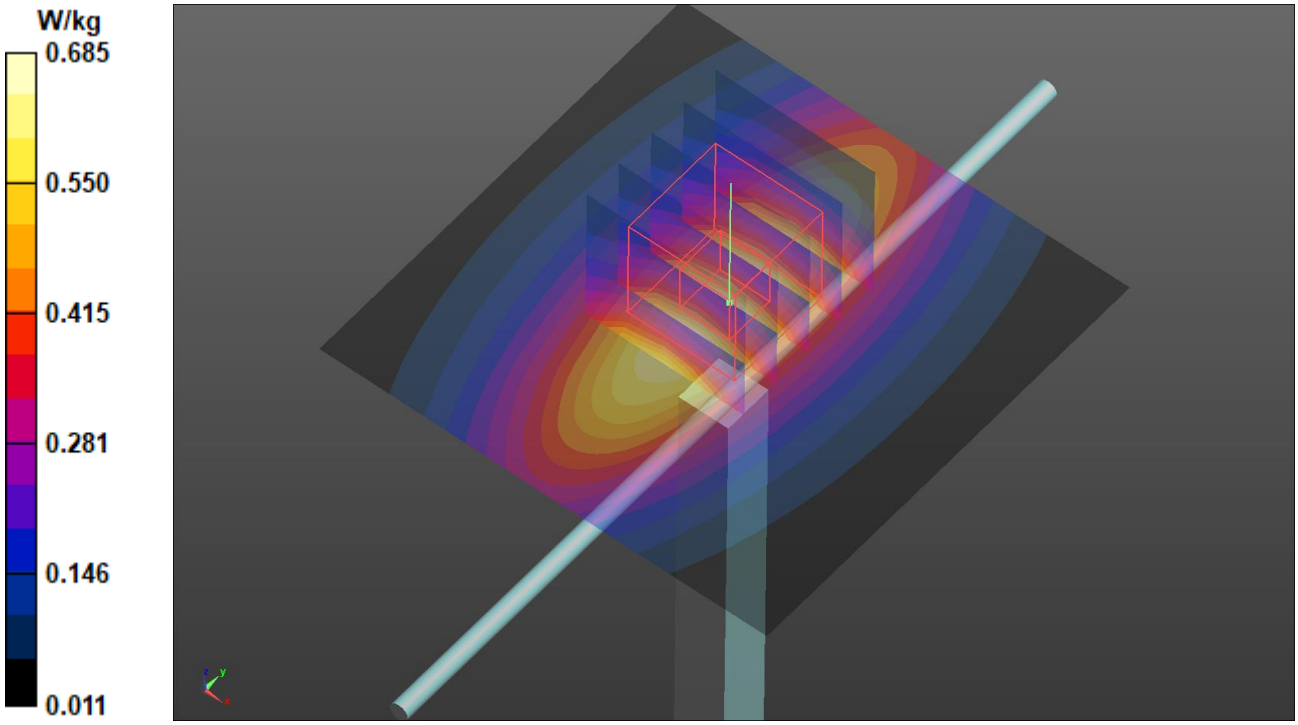
DUT: Dipole 835 MHz; Type: D835V2; SN: 4d121

Communication System: UID 0, CW; Frequency: 835 MHz;Duty Cycle: 1:1
Medium: H06T27N5_1210 Medium parameters used: f = 835 MHz; σ = 0.929 S/m; ε_r = 43.252; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃； Liquid Temperature：21.0 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7472; ConvF(10.1, 10.1, 10.1) @ 835 MHz; Calibrated: 2022/05/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2022/06/01
- Phantom: ELI Phantom_2118; Type: QD OVA 004 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Pin=50mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.685 W/kg

Pin=50mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.62 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.723 W/kg
SAR(1 g) = 0.481 W/kg; SAR(10 g) = 0.317 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.643 W/kg



Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2022/12/10

S22 System Check_H1750_221210

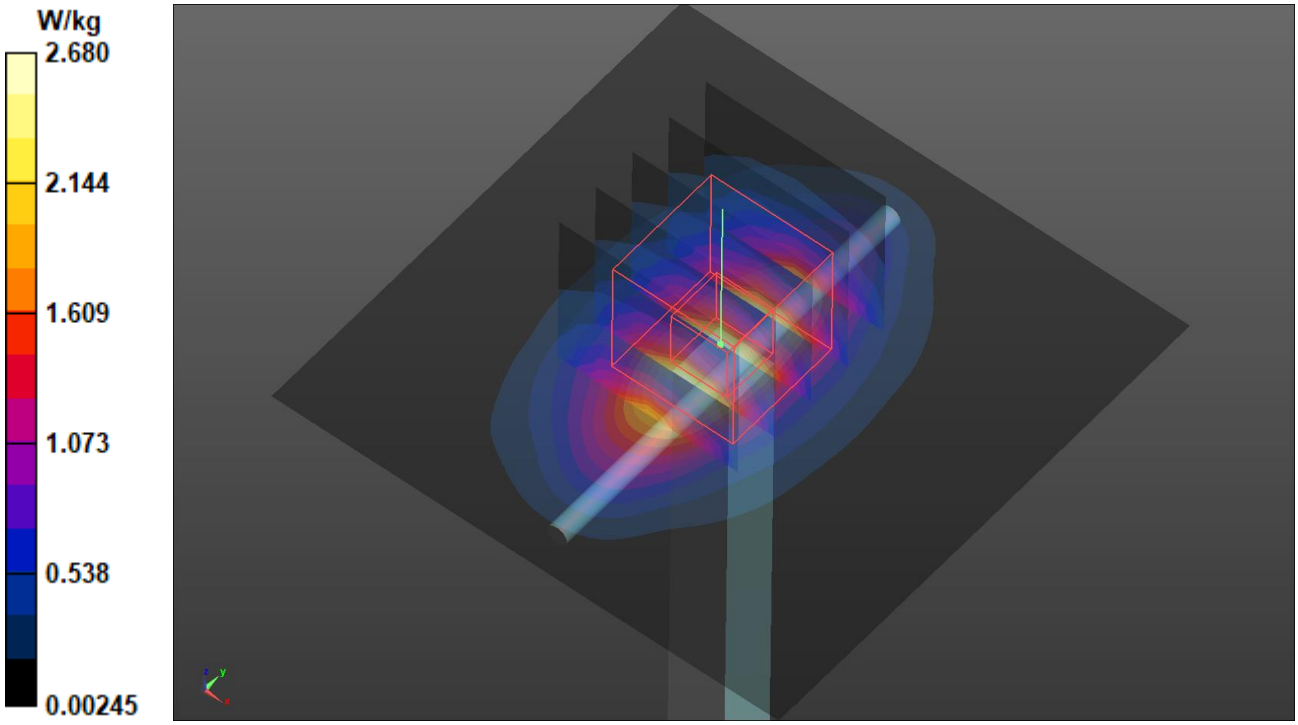
DUT: Dipole 1750 MHz; Type: D1750V2; SN: 1055

Communication System: UID 0, CW; Frequency: 1750 MHz;Duty Cycle: 1:1
Medium: H06T27N5_1210 Medium parameters used: f = 1750 MHz; σ = 1.355 S/m; ε_r = 41.515; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃； Liquid Temperature：21.0 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7472; ConvF(8.8, 8.8, 8.8) @ 1750 MHz; Calibrated: 2022/05/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2022/06/01
- Phantom: ELI Phantom_2118; Type: QD OVA 004 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Pin=50mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 2.68 W/kg

Pin=50mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 45.17 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 3.24 W/kg
SAR(1 g) = 1.78 W/kg; SAR(10 g) = 0.942 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 2.71 W/kg



Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2022/12/01

S23 System Check_H750_221201

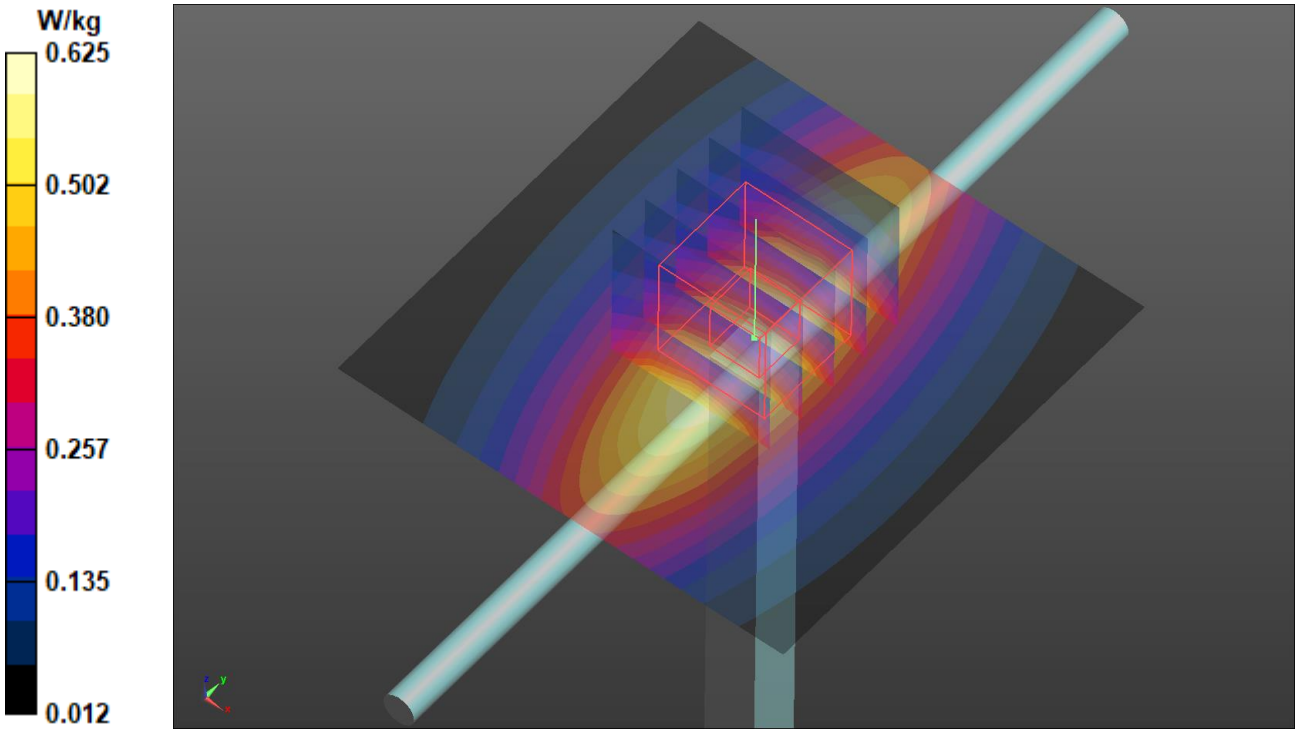
DUT: Dipole 750 MHz; Type: D750V3; SN: 1013

Communication System: UID 0, CW; Frequency: 750 MHz;Duty Cycle: 1:1
Medium: H06T27N5_1201 Medium parameters used: f = 750 MHz; σ = 0.936 S/m; ε_r = 43.826; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃； Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7472; ConvF(10.5, 10.5, 10.5) @ 750 MHz; Calibrated: 2022/05/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2022/06/01
- Phantom: ELI Phantom_2118; Type: QD OVA 004 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Pin=50mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.625 W/kg

Pin=50mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.40 V/m; Power Drift = -0.19 dB
Peak SAR (extrapolated) = 0.660 W/kg
SAR(1 g) = 0.430 W/kg; SAR(10 g) = 0.285 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.588 W/kg



Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2022/11/29

S24a System Check_H3700_221129

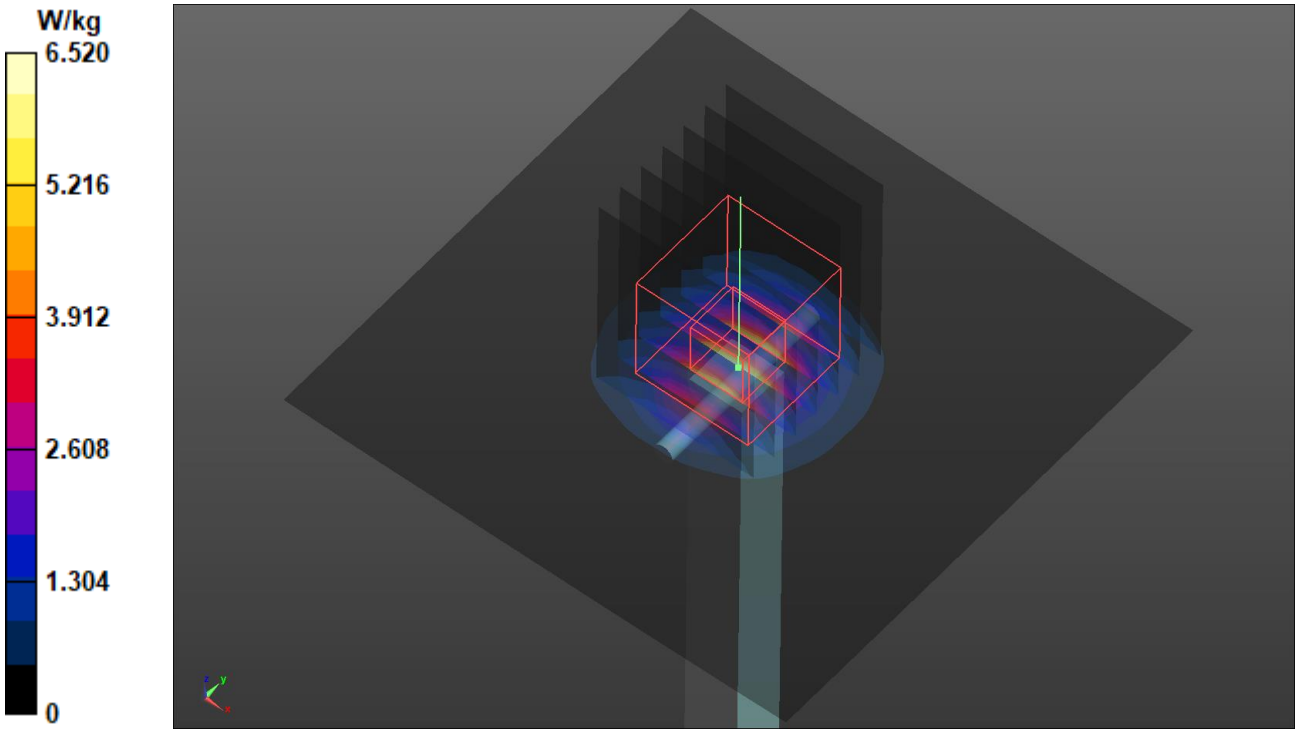
DUT: Dipole 3700 MHz; Type:D3700V2; SN: 1017

Communication System: UID 0, CW; Frequency: 3700 MHz;Duty Cycle: 1:1
Medium: H33T50N5_1129 Medium parameters used: f = 3700 MHz; σ = 3.118 S/m; ε_r = 38.294; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃； Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7472; ConvF(7.2, 7.2, 7.2) @ 3700 MHz; Calibrated: 2022/05/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2022/06/01
- Phantom: ELI Phantom_2118; Type: QD OVA 004 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Pin=50mW/Area Scan (81x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 6.52 W/kg

Pin=50mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2.5mm
Reference Value = 49.15 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 8.45 W/kg
SAR(1 g) = 3.37 W/kg; SAR(10 g) = 1.26 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 6.45 W/kg



Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2022/11/29

S24b System Check_H3900_221129

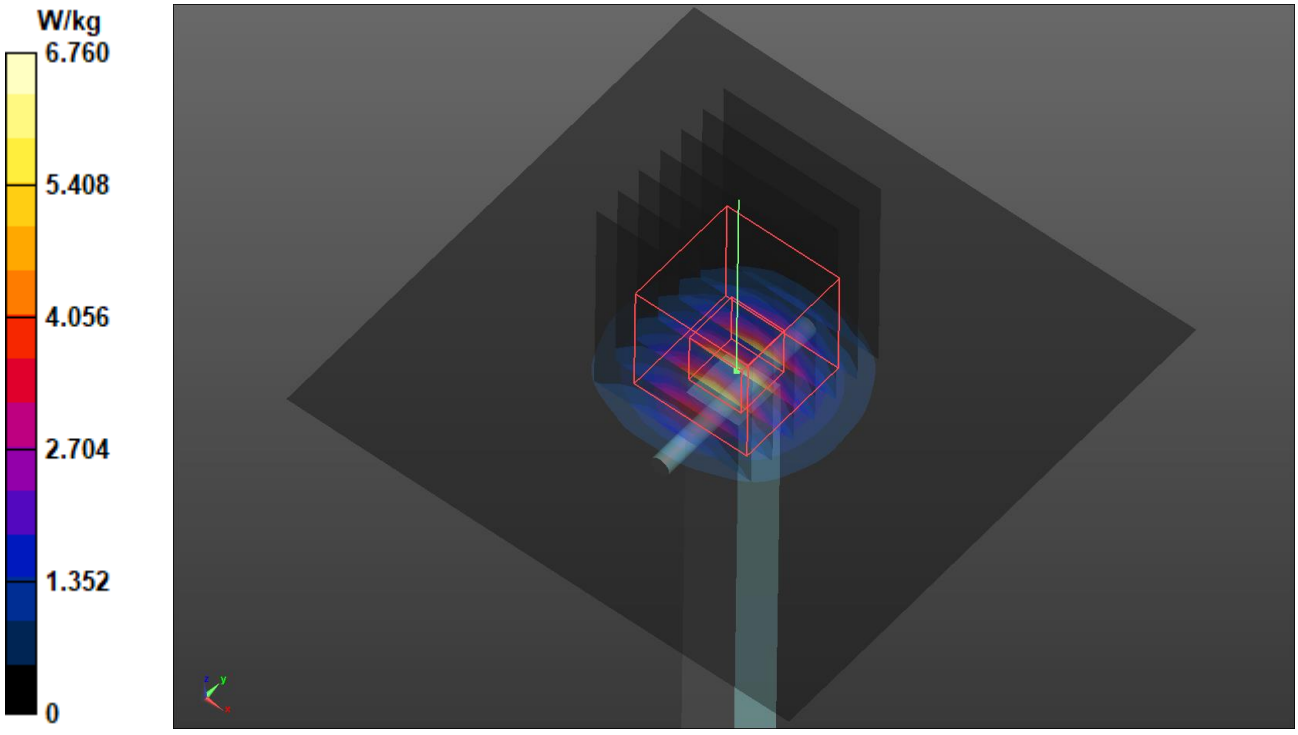
DUT: Dipole 3900 MHz; Type:D3900V2; SN: 1020

Communication System: UID 0, CW; Frequency: 3900 MHz;Duty Cycle: 1:1
Medium: H33T50N5_1129 Medium parameters used: f = 3900 MHz; σ = 3.269 S/m; ε_r = 38.334; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃； Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7472; ConvF(6.98, 6.98, 6.98) @ 3900 MHz; Calibrated: 2022/05/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2022/06/01
- Phantom: ELI Phantom_2118; Type: QD OVA 004 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Pin=50mW/Area Scan (81x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 6.76 W/kg

Pin=50mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2.5mm
Reference Value = 49.40 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 8.85 W/kg
SAR(1 g) = 3.36 W/kg; SAR(10 g) = 1.2 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 6.70 W/kg



Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2022/11/29

S25 System Check_H3500_221129

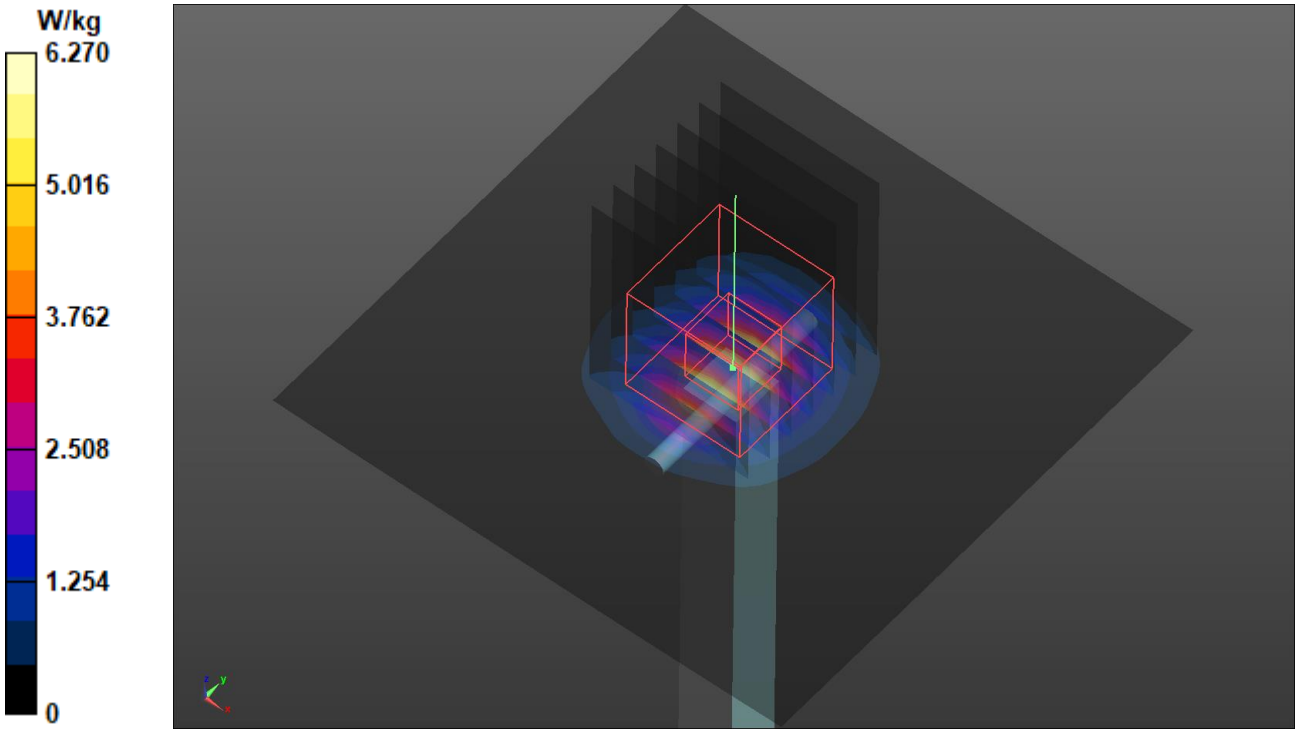
DUT: Dipole 3500 MHz; Type:D3500V2; SN: 1007

Communication System: UID 0, CW; Frequency: 3500 MHz;Duty Cycle: 1:1
Medium: H33T50N5_1129 Medium parameters used: f = 3500 MHz; σ = 2.856 S/m; ε_r = 38.979; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃； Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7472; ConvF(7.22, 7.22, 7.22) @ 3500 MHz; Calibrated: 2022/05/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2022/06/01
- Phantom: ELI Phantom_2118; Type: QD OVA 004 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Pin=50mW/Area Scan (81x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 6.27 W/kg

Pin=50mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2.5mm
Reference Value = 50.21 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 8.18 W/kg
SAR(1 g) = 3.36 W/kg; SAR(10 g) = 1.29 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 6.31 W/kg



Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2022/11/29

S28 System Check_H3700_221129

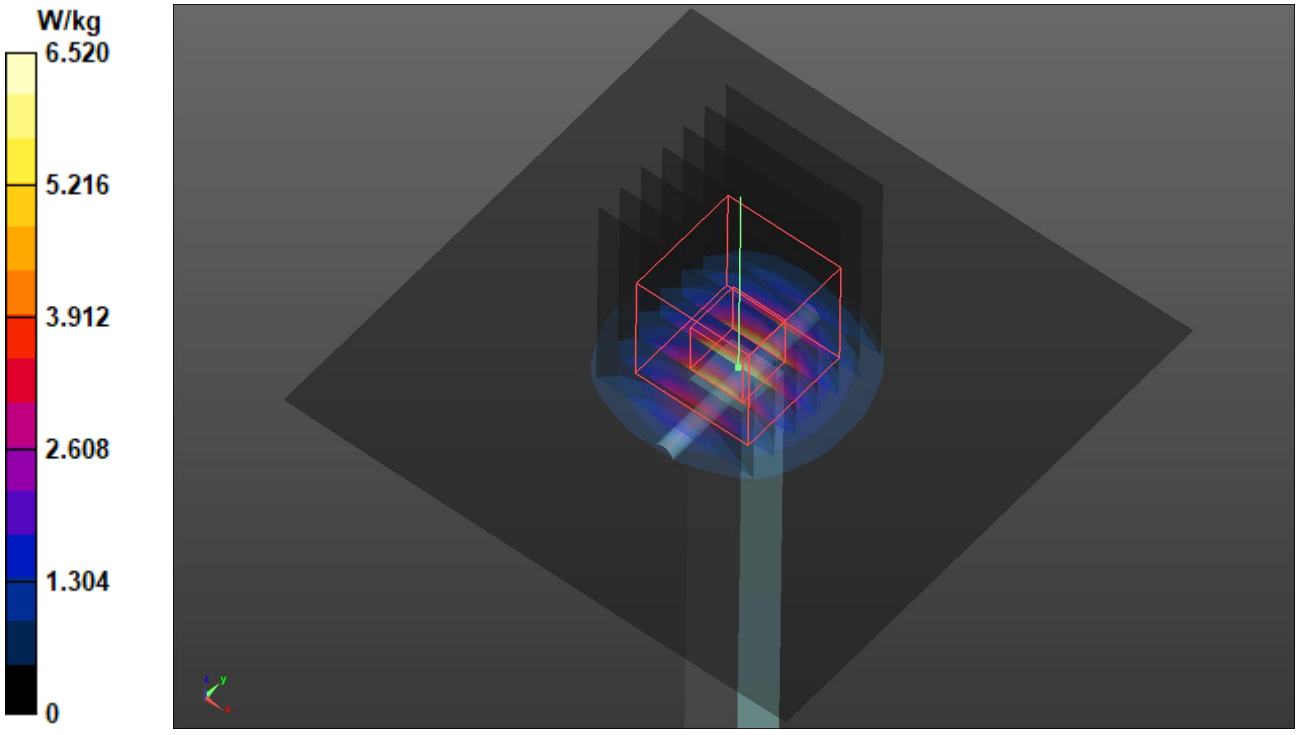
DUT: Dipole 3700 MHz; Type:D3700V2; SN: 1017

Communication System: UID 0, CW; Frequency: 3700 MHz;Duty Cycle: 1:1
Medium: H33T50N5_1129 Medium parameters used: f = 3700 MHz; σ = 3.118 S/m; ε_r = 38.294; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃； Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7472; ConvF(7.2, 7.2, 7.2) @ 3700 MHz; Calibrated: 2022/05/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2022/06/01
- Phantom: ELI Phantom_2118; Type: QD OVA 004 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Pin=50mW/Area Scan (81x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 6.52 W/kg

Pin=50mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2.5mm
Reference Value = 49.15 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 8.45 W/kg
SAR(1 g) = 3.37 W/kg; SAR(10 g) = 1.26 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 6.45 W/kg



Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2022/11/29

S29 System Check_H3500_221129

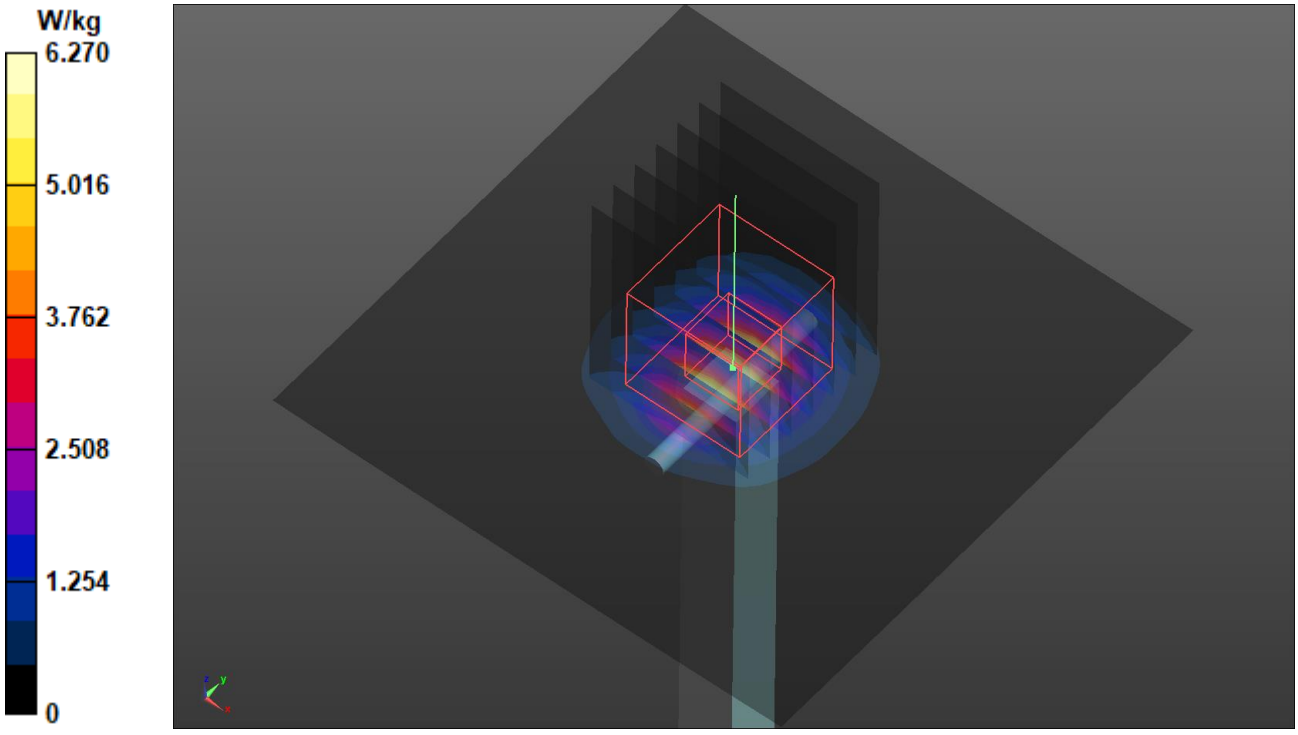
DUT: Dipole 3500 MHz; Type:D3500V2; SN: 1007

Communication System: UID 0, CW; Frequency: 3500 MHz;Duty Cycle: 1:1
Medium: H33T50N5_1129 Medium parameters used: f = 3500 MHz; σ = 2.856 S/m; ε_r = 38.979; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃； Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7472; ConvF(7.22, 7.22, 7.22) @ 3500 MHz; Calibrated: 2022/05/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2022/06/01
- Phantom: ELI Phantom_2118; Type: QD OVA 004 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Pin=50mW/Area Scan (81x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 6.27 W/kg

Pin=50mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2.5mm
Reference Value = 50.21 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 8.18 W/kg
SAR(1 g) = 3.36 W/kg; SAR(10 g) = 1.29 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 6.31 W/kg



Plots of System Verification

Measurement Report for Device

S32 System Check_H2450_221019

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Diople	10.0 x 10.0 x 300.0		

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	,			2450	7.89	1.88	38.3

Hardware Setup

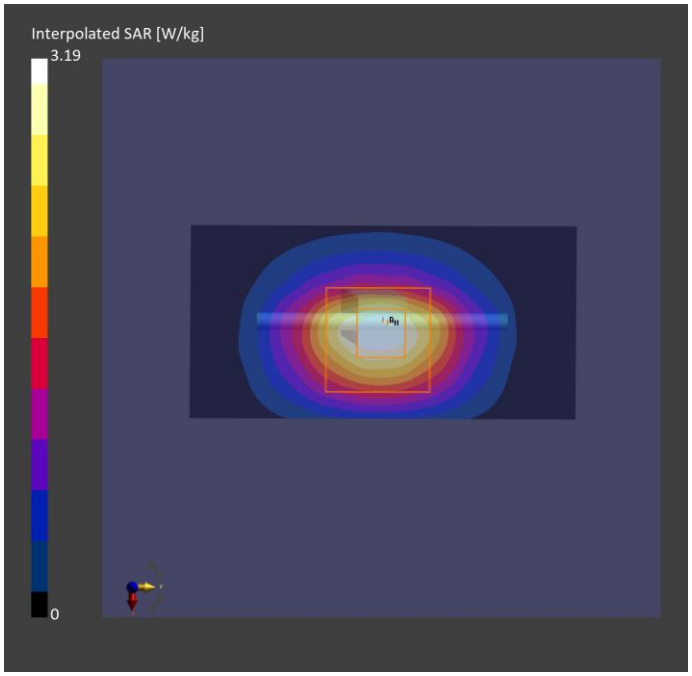
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2105	H19T27N1, 2022-Oct-19	EX3DV4 - SN7472, 2022-05-27	DAE3 Sn579, 2022-06-01

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 96.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2022-10-19	2022-10-19
psSAR1g [W/kg]	2.48	2.59
psSAR10g [W/kg]	1.20	1.23
Power Drift [dB]	-0.01	-0.02



Measurement Report for Device

S33 System Check_H5250_221020

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Diople	10.0 x 10.0 x 300.0		

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	,			5250	5.89	4.66	35.6

Hardware Setup

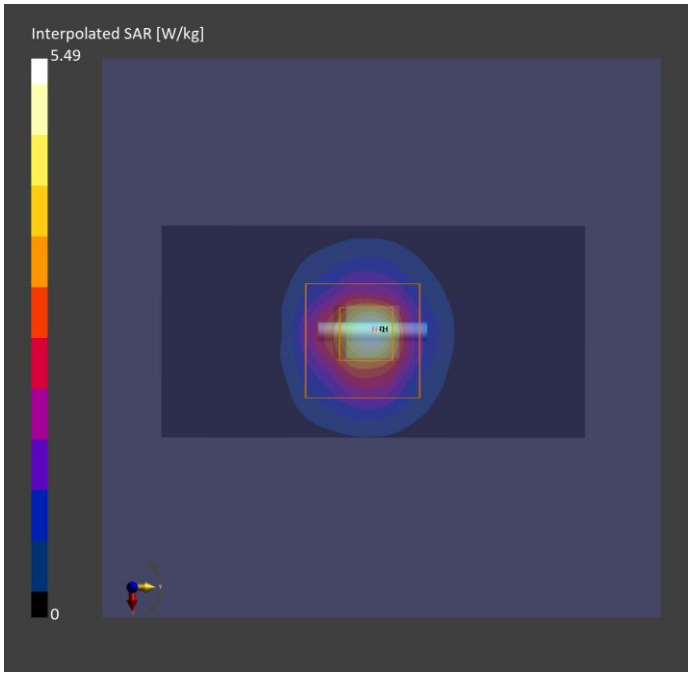
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2105	H34T60N1, 2022-Oct-20	EX3DV4 - SN7472, 2022-05-27	DAE3 Sn579, 2022-06-01

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 80.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2022-10-20	2022-10-20
psSAR1g [W/kg]	3.45	3.79
psSAR10g [W/kg]	1.01	1.12
Power Drift [dB]	-0.01	-0.01



Measurement Report for Device

S34 System Check_H5600_221020

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Dipole	10.0 x 10.0 x 300.0		

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	,			5600	4.61	5.14	36.7

Hardware Setup

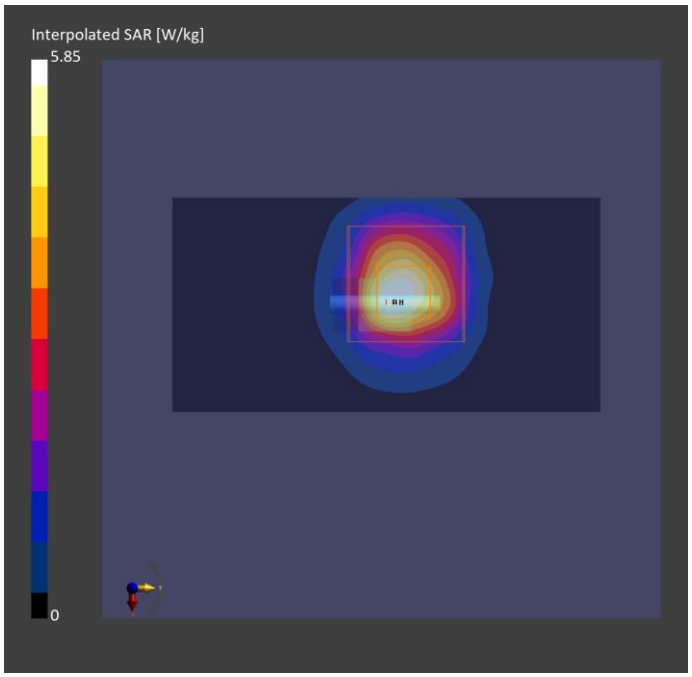
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2118	H34T60N1, 2022-Oct-20	EX3DV4 - SN7554, 2022-07-28	DAE4 Sn1341, 2022-07-19

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 80.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2022-10-20	2022-10-20
psSAR1g [W/kg]	4.11	4.52
psSAR10g [W/kg]	1.29	1.28
Power Drift [dB]	-0.01	-0.04



Measurement Report for Device

S36 System Check_H5750_221020

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Dipole	10.0 x 10.0 x 300.0		

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	,			5750	4.79	5.28	36.3

Hardware Setup

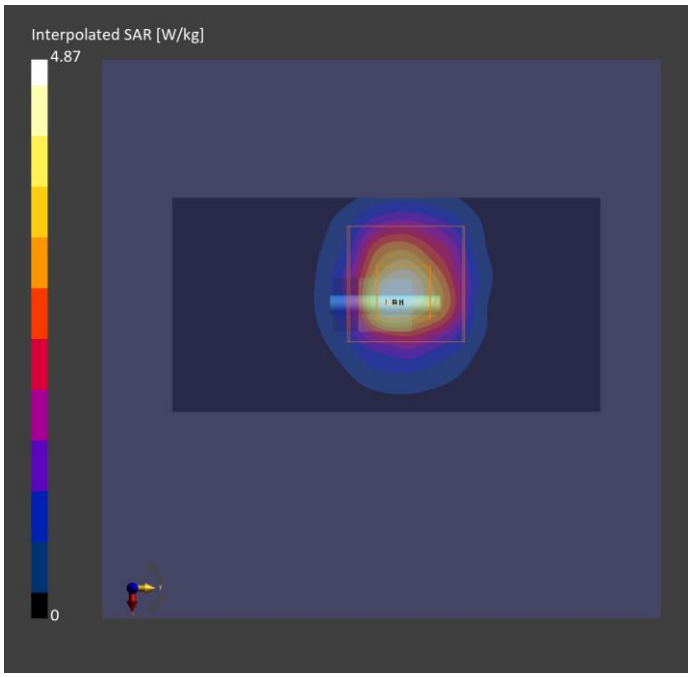
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2118	H34T60N1 , 2022-Oct-20	EX3DV4 - SN7554, 2022-07-28	DAE4 Sn1341, 2022-07-19

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 80.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2022-10-20	2022-10-20
psSAR1g [W/kg]	3.45	3.89
psSAR10g [W/kg]	1.07	1.11
Power Drift [dB]	-0.01	0.00



Measurement Report for Device

S37 System Check_H2450_221019

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Diople	10.0 x 10.0 x 300.0		

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	,			2450	7.89	1.88	38.3

Hardware Setup

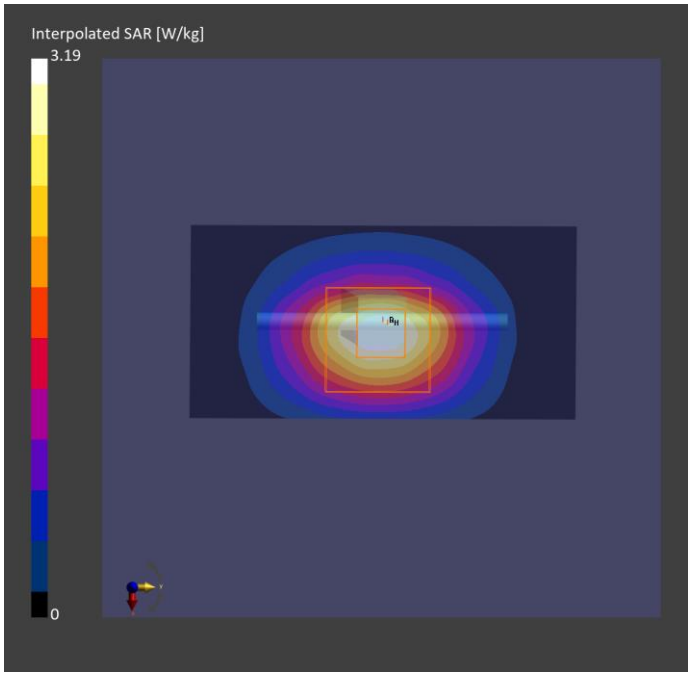
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2105	H19T27N1 , 2022-Oct-19	EX3DV4 - SN7472, 2022-05-27	DAE3 Sn579, 2022-06-01

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 96.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2022-10-19	2022-10-19
psSAR1g [W/kg]	2.48	2.59
psSAR10g [W/kg]	1.20	1.23
Power Drift [dB]	-0.01	-0.02



Plots of System Verification

Measurement Report for Device,

S38 System Check H6.5GHz_221019

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Dipole	50.0 x 10.0 x 8.0		

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	,		,	6500	5.45	6.07	34.8

Hardware Setup

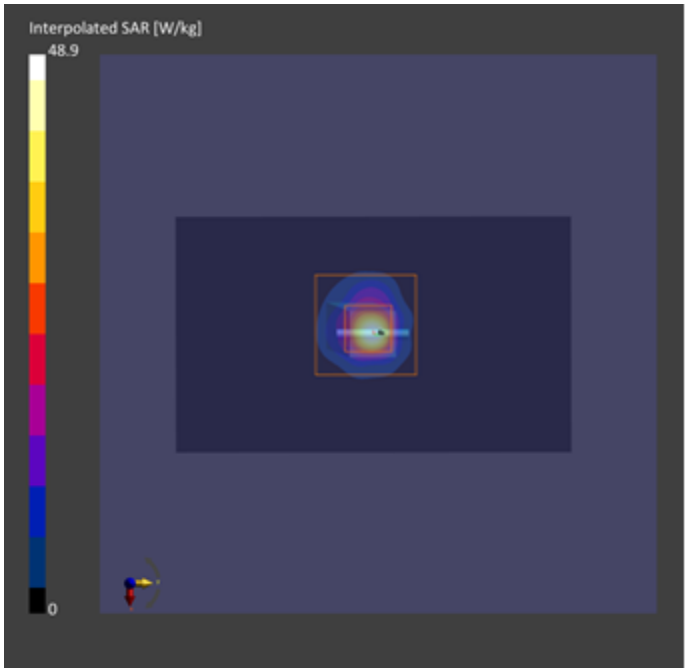
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1245	H50T72N1, 2022-Oct-19	EX3DV4 - SN7537, 2022-04-27	DAE4 Sn1585, 2022-04-21

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	45.0 x 90.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	7.5 x 7.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2022-10-19	2022-10-19
psSAR1g [W/kg]	25.5	29.9
psSAR10g [W/kg]	5.03	5.48
psPDab (1.0cm2, sq)[W/m2]		299
psPDab (4.0cm2, sq)[W/m2]		134
Power Drift [dB]	0.01	-0.03



Plots of System Verification

Test Lab: Bureau Veritas ADT SAR/HAC/PD Testing Lab

Power Density Plot No.:
S38 PD_System Check_10 GHz_221108

Device under Test Properties

Name, Manufacturer	Dimensions [mm]	IMEI	DUT Type
SPEAG, 5G Verification Source 10 GHz	100.0 x 100.0 x 170.0	SN: 1025	

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5GAir	FRONT 10.0	Validation band	CW 0	10000.0 10000	1.0

Hardware Setup

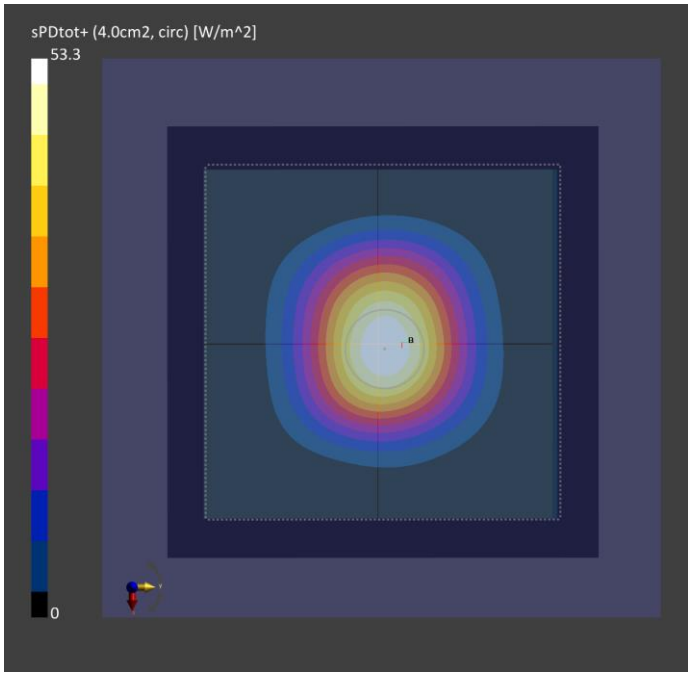
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave	Air---	EUmmWV4 - SN9438_F1-55GHz, 2022-07-18	DAE4 Sn1585, 2022-04-21

Scan Setup

	5G Scan
Grid Extents [mm]	120.0 x 120.0
Grid Steps [lambda]	0.25 x 0.25
Sensor Surface [mm]	5.55

Measurement Results

	5G Scan
Date	2022-11-08
Avg. Area [cm^2]	4.00
$pS_{tot}avg[W/m^2]$	53.3
$pS_{n}avg$ [W/m^2]	53.2
E_{peak} [V/m]	148
Power Drift [dB]	0.03



Appendix B. Plots of Measurement

The SAR plots for highest measured SAR in each exposure configuration, wireless mode and frequency band combination are shown as follows.

Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2022/12/10

P01 WCDMA II_RMC12.2K_Top Side_0mm_Ch9400_Ant 0

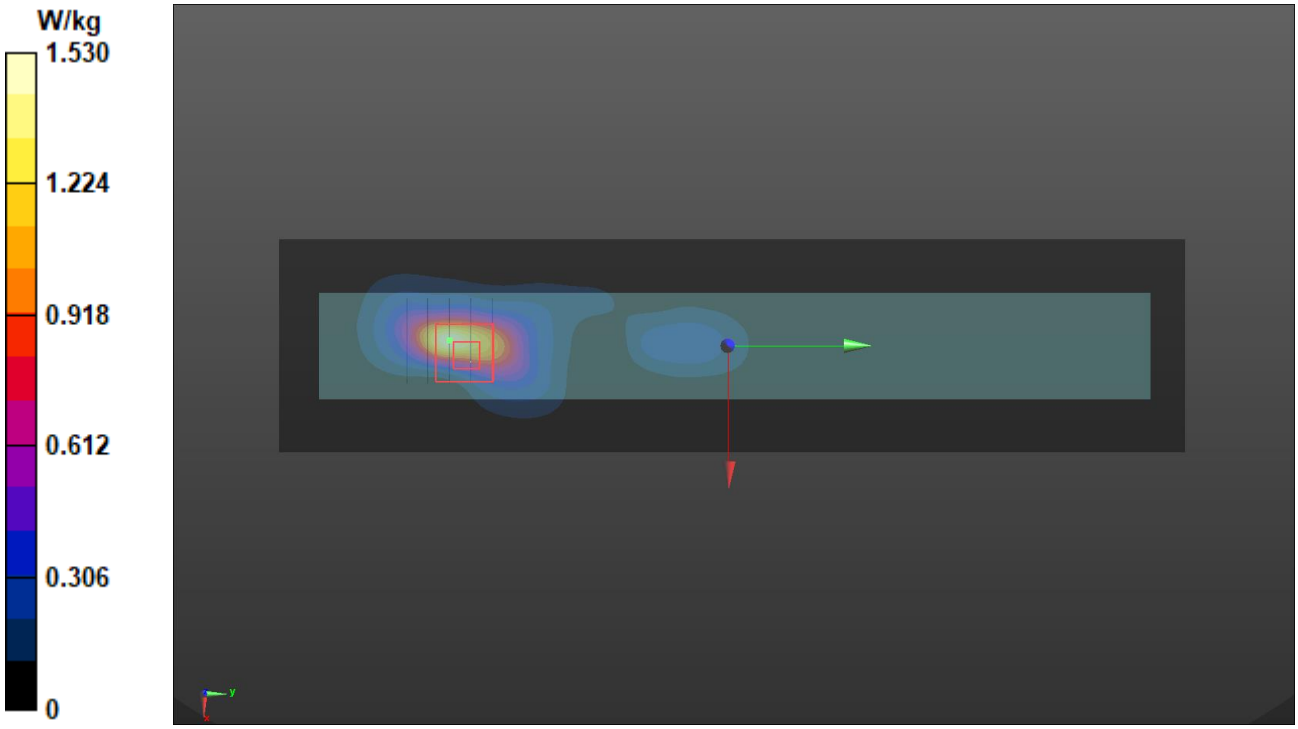
DUT: CDVB-WTW-P22100074

Communication System: UID 10011 - CAC, UMTS-FDD (WCDMA); Frequency: 1880 MHz;Duty Cycle: 1:1.95
Medium: H06T27N5_1210 Medium parameters used: f = 1880 MHz; σ = 1.427 S/m; ε_r = 41.33; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃； Liquid Temperature：21.0 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7472; ConvF(8.44, 8.44, 8.44) @ 1880 MHz; Calibrated: 2022/05/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2022/06/01
- Phantom: ELI Phantom_2118; Type: QD OVA 004 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (61x231x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.53 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 31.57 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 1.96 W/kg
SAR(1 g) = 0.936 W/kg; SAR(10 g) = 0.444 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 8.2 mm
Ratio of SAR at M2 to SAR at M1 = 52.2%
Maximum value of SAR (measured) = 1.47 W/kg



Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2022/12/10

P02 WCDMA IV_RMC12.2K_Top Side_0mm_Ch1312_Ant 0

DUT: CDVB-WTW-P22100074

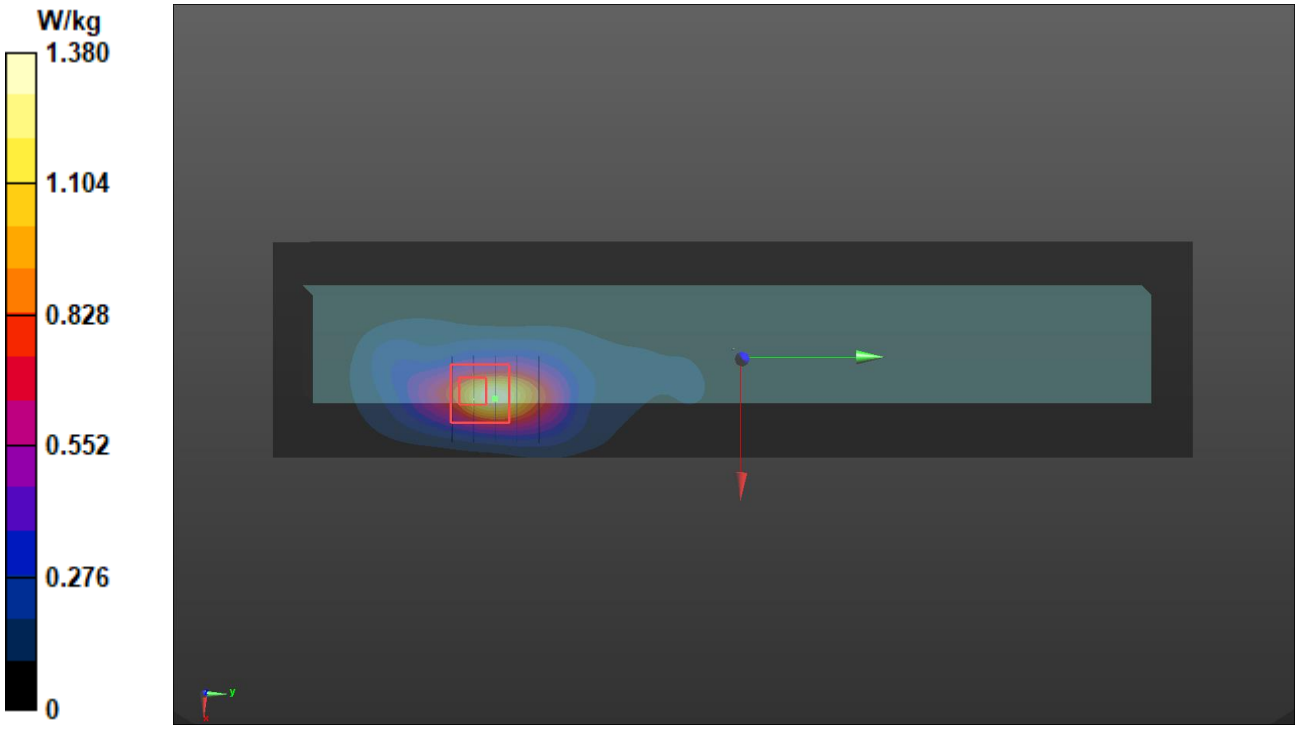
Communication System: UID 10011 - CAC, UMTS-FDD (WCDMA); Frequency: 1712.4 MHz;Duty Cycle: 1:1.95
Medium: H06T27N5_1210 Medium parameters used (interpolated): f = 1712.4 MHz; σ = 1.333 S/m; ε_r = 41.583; ρ = 1000 kg/m^3

Ambient Temperature：22.6 ℃； Liquid Temperature：21.0 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7472; ConvF(8.8, 8.8, 8.8) @ 1712.4 MHz; Calibrated: 2022/05/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2022/06/01
- Phantom: ELI Phantom_2118; Type: QD OVA 004 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (61x231x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.38 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 32.53 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 1.91 W/kg
SAR(1 g) = 0.940 W/kg; SAR(10 g) = 0.468 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 8.2 mm
Ratio of SAR at M2 to SAR at M1 = 56.5%
Maximum value of SAR (measured) = 1.50 W/kg



Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2022/12/10

P03 WCDMA V_RMC12.2K_Top Side_0mm_Ch4233_Ant 0

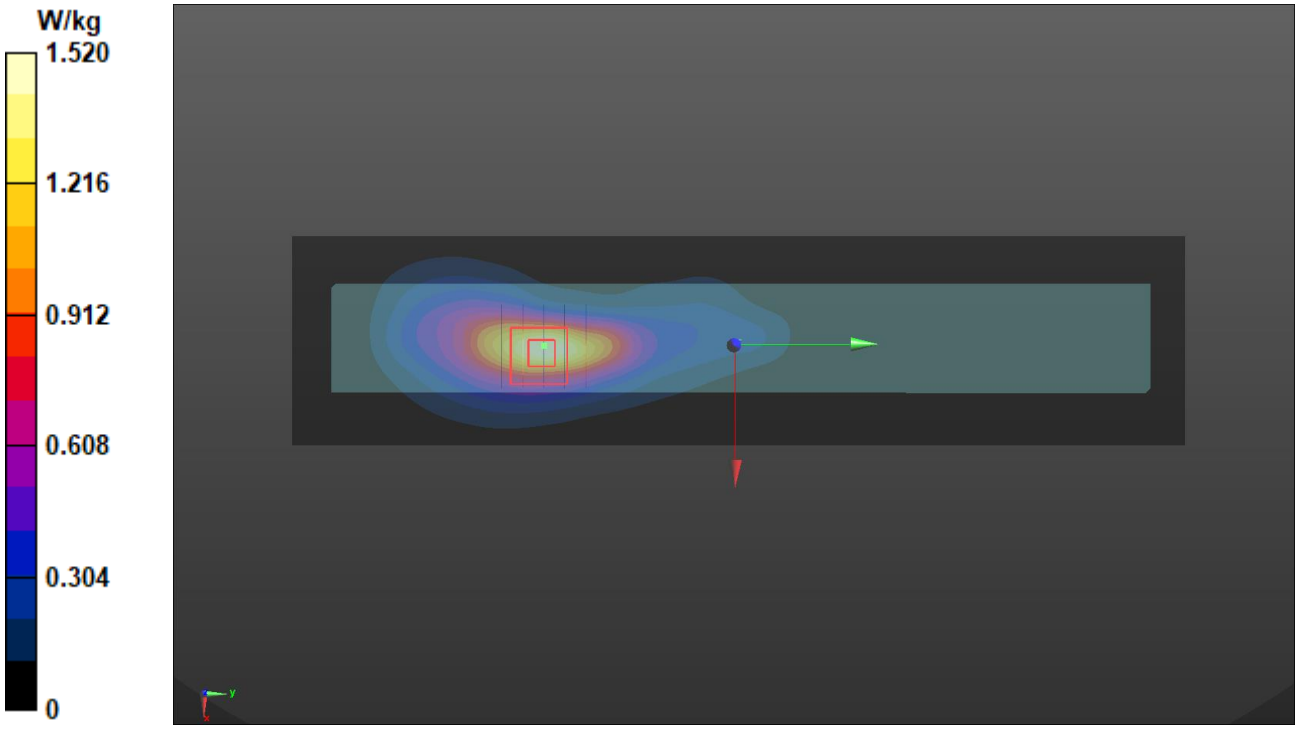
DUT: CDVB-WTW-P22100074

Communication System: UID 10011 - CAC, UMTS-FDD (WCDMA); Frequency: 846.6 MHz;Duty Cycle: 1:1.95
Medium: H06T27N5_1210 Medium parameters used: f = 847 MHz; σ = 0.934 S/m; ε_r = 43.225; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃； Liquid Temperature：21.0 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7472; ConvF(10.1, 10.1, 10.1) @ 846.6 MHz; Calibrated: 2022/05/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2022/06/01
- Phantom: ELI Phantom_2118; Type: QD OVA 004 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (61x231x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.52 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 40.28 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 2.14 W/kg
SAR(1 g) = 0.935 W/kg; SAR(10 g) = 0.511 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 8.1 mm
Ratio of SAR at M2 to SAR at M1 = 48.7%
Maximum value of SAR (measured) = 1.65 W/kg



Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2022/12/09

P04 LTE 2_QPSK20M_Top Side_0mm_Ch18900_1RB_OS0_Ant 0

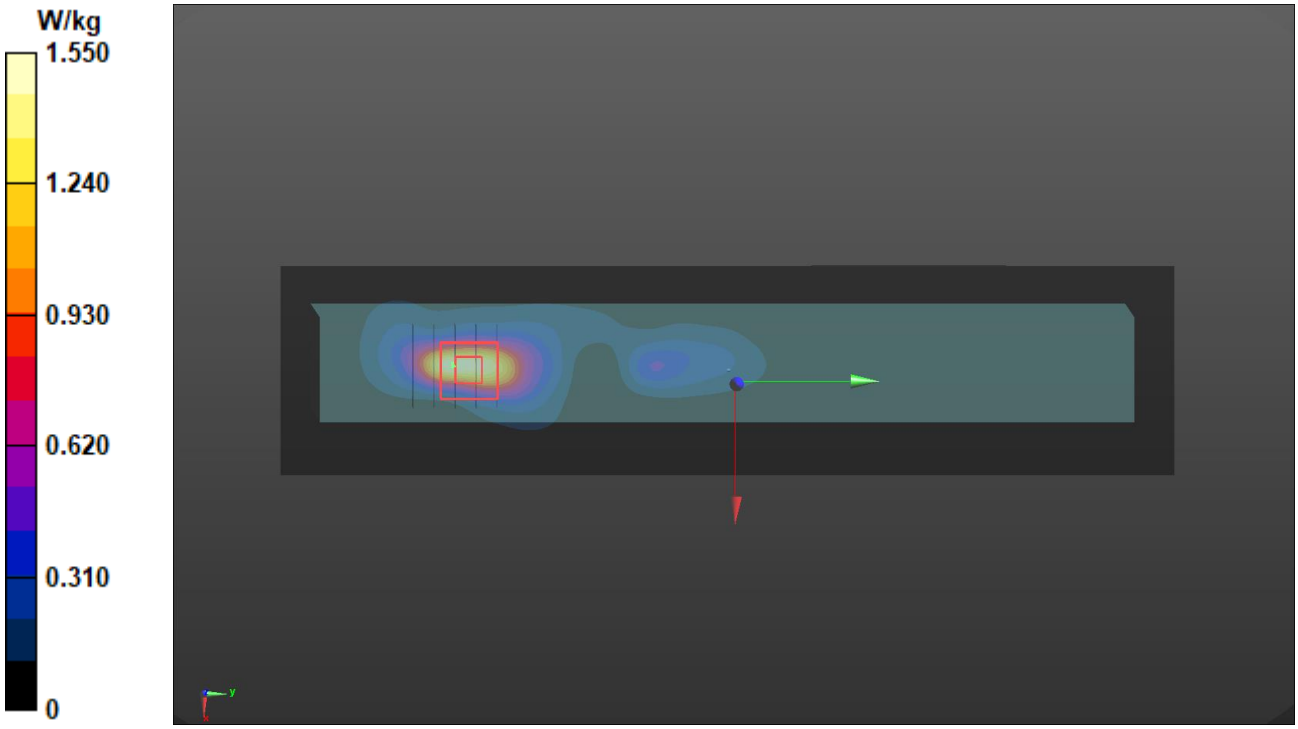
DUT: CDVB-WTW-P22100074

Communication System: UID 10169 - CAF, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 1880 MHz;Duty Cycle: 1:3.74
Medium: H06T27N5_1209 Medium parameters used: f = 1880 MHz; σ = 1.453 S/m; ε_r = 41.063; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃； Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7472; ConvF(8.44, 8.44, 8.44) @ 1880 MHz; Calibrated: 2022/05/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2022/06/01
- Phantom: ELI Phantom_2118; Type: QD OVA 004 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (61x231x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.55 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 32.05 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 2.02 W/kg
SAR(1 g) = 0.944 W/kg; SAR(10 g) = 0.468 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 8.6 mm
Ratio of SAR at M2 to SAR at M1 = 47.2%
Maximum value of SAR (measured) = 1.62 W/kg



Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2022/12/12

P05 LTE 4_QPSK20M_Top Side_0mm_Ch20050_1RB_OS0_Ant 0

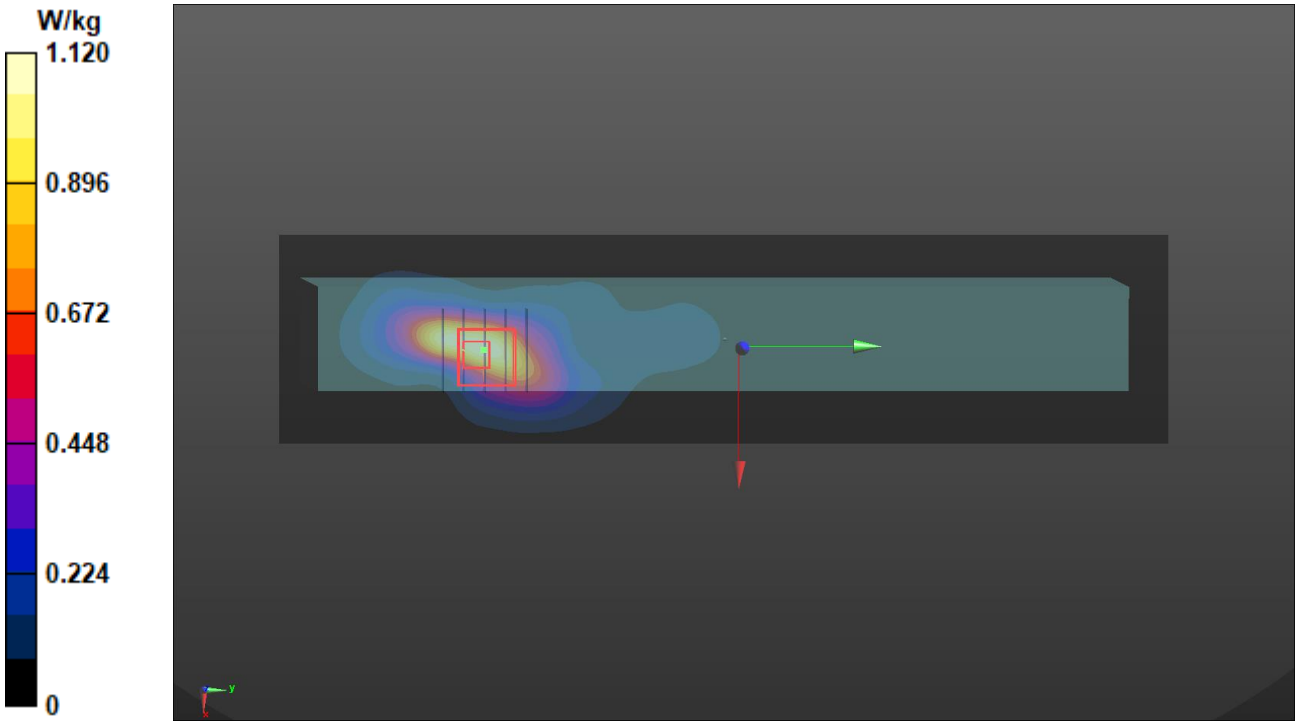
DUT: CDVB-WTW-P22100074

Communication System: UID 10169 - CAF, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 1720 MHz;Duty Cycle: 1:3.74
Medium: H06T27N5_1212 Medium parameters used: f = 1720 MHz; σ = 1.364 S/m; ε_r = 41.375; ρ = 1000 kg/m^3
Ambient Temperature：22.7 ℃； Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7472; ConvF(8.8, 8.8, 8.8) @ 1720 MHz; Calibrated: 2022/05/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2022/06/01
- Phantom: ELI Phantom_2118; Type: QD OVA 004 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (61x231x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.12 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.41 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 1.86 W/kg
SAR(1 g) = 0.948 W/kg; SAR(10 g) = 0.512 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 8.2 mm
Ratio of SAR at M2 to SAR at M1 = 52.1%
Maximum value of SAR (measured) = 1.54 W/kg



Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2022/12/12

P06 LTE 5_QPSK10M_Top Side_0mm_Ch20525_1RB_OS0_Ant 0

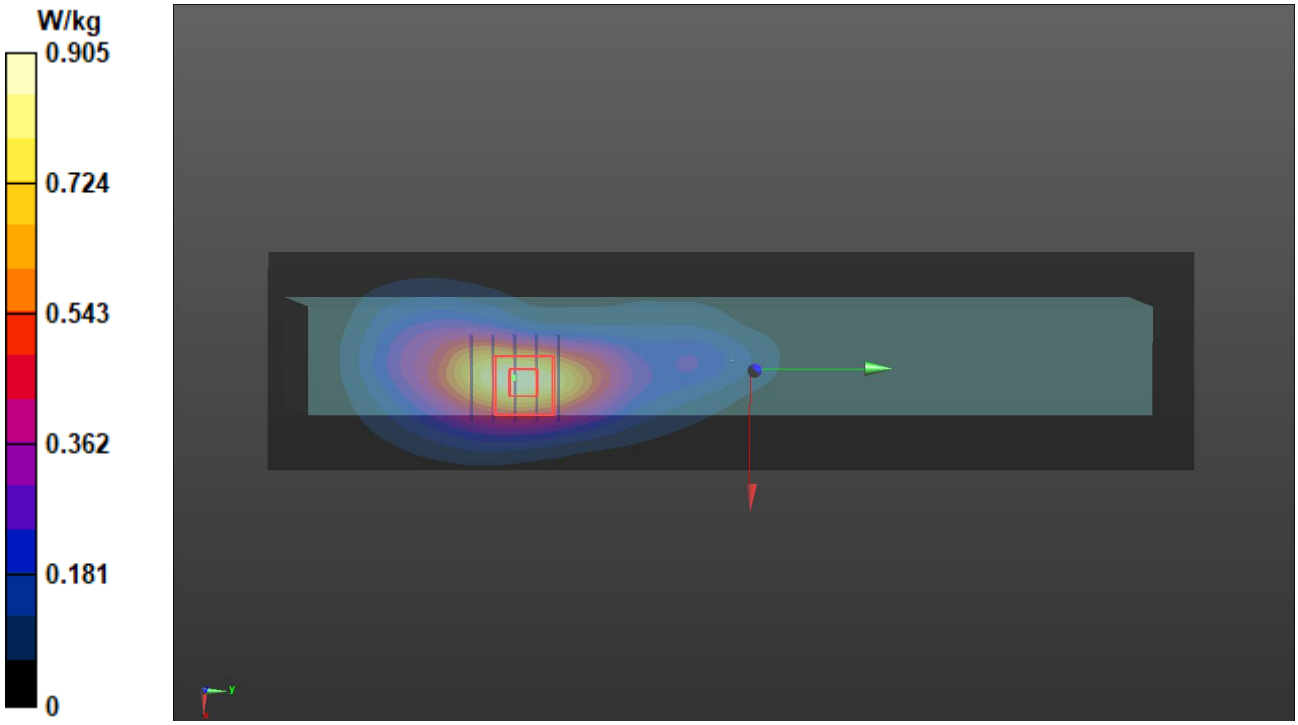
DUT: CDVB-WTW-P22100074

Communication System: UID 10175 - CAH, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK); Frequency: 836.5 MHz;Duty Cycle: 1:3.74
Medium: H06T27N5_1212 Medium parameters used (interpolated): f = 836.5 MHz; σ = 0.95 S/m; ε_r = 43.286; ρ = 1000 kg/m^3
Ambient Temperature：22.7 ℃； Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7472; ConvF(10.1, 10.1, 10.1) @ 836.5 MHz; Calibrated: 2022/05/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2022/06/01
- Phantom: ELI Phantom_2118; Type: QD OVA 004 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (61x231x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.905 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.06 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 1.51 W/kg
SAR(1 g) = 0.749 W/kg; SAR(10 g) = 0.416 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 8.6 mm
Ratio of SAR at M2 to SAR at M1 = 51.1%
Maximum value of SAR (measured) = 1.22 W/kg



Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2022/12/09

P07 LTE 7_QPSK20M_Top Side_0mm_Ch20850_1RB_OS0_Ant 0

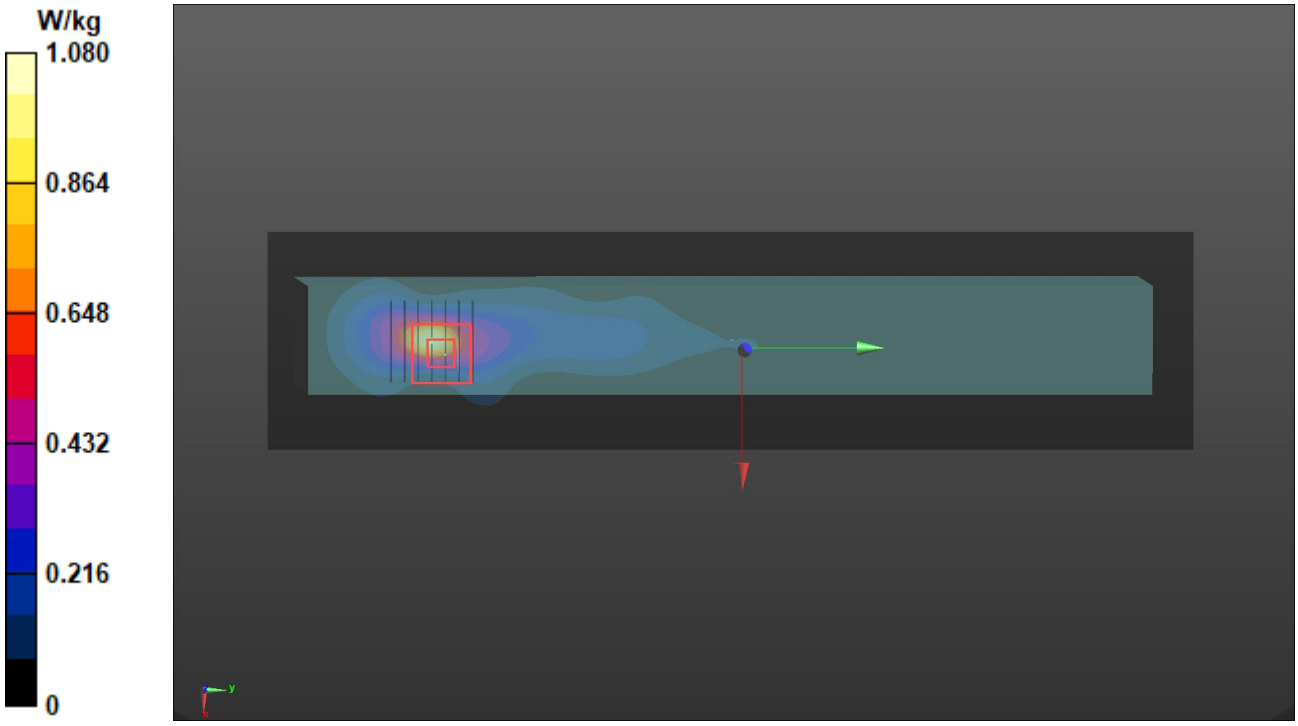
DUT: CDVB-WTW-P22100074

Communication System: UID 10169 - CAF, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 2510 MHz;Duty Cycle: 1:3.74
Medium: H06T27N5_1209 Medium parameters used: f = 2510 MHz; σ = 1.887 S/m; ε_r = 40.211; ρ = 1000 kg/m^3
Ambient Temperature：22.7 ℃； Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7472; ConvF(7.59, 7.59, 7.59) @ 2510 MHz; Calibrated: 2022/05/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2022/06/01
- Phantom: ELI Phantom_2118; Type: QD OVA 004 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x291x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.08 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 24.90 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 1.96 W/kg
SAR(1 g) = 0.801 W/kg; SAR(10 g) = 0.307 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 6 mm
Ratio of SAR at M2 to SAR at M1 = 44.6%
Maximum value of SAR (measured) = 1.50 W/kg



Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2022/12/03

P08 LTE 12_QPSK10M_Top Side_0mm_Ch23095_1RB_OS0_Ant 0

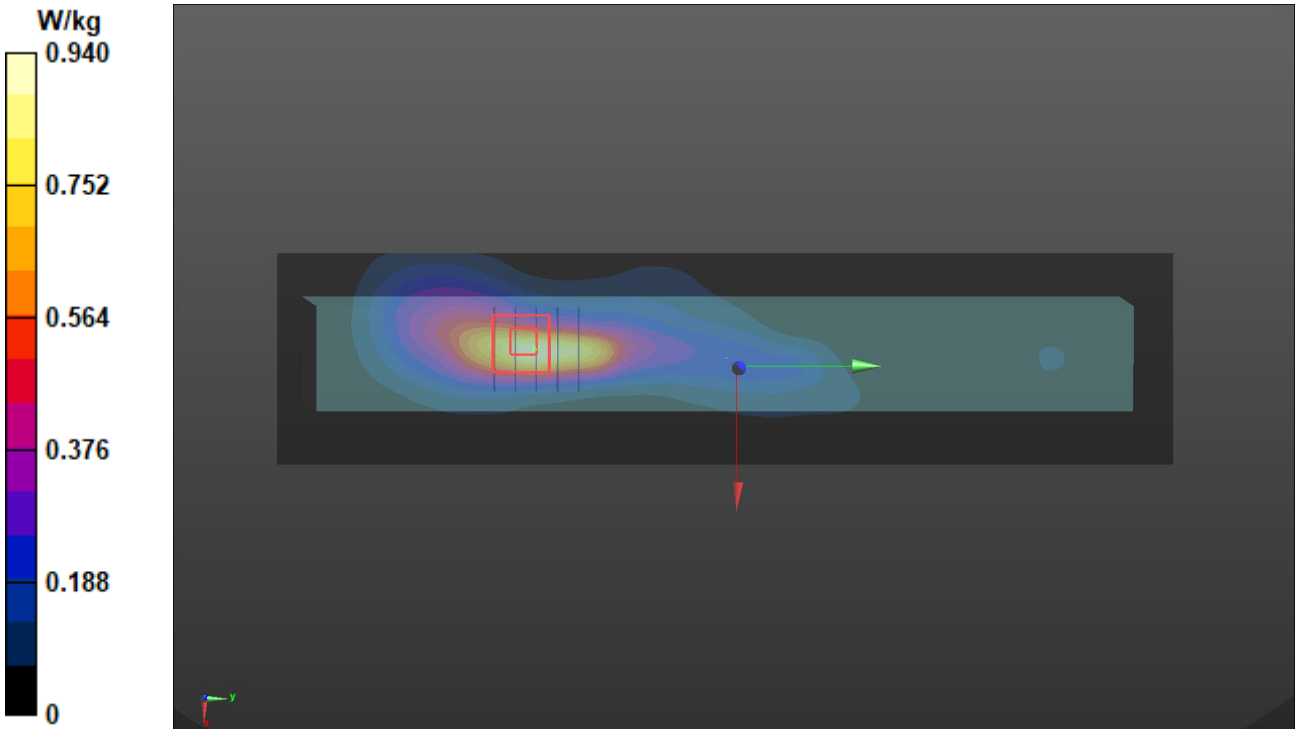
DUT: CDVB-WTW-P22100074

Communication System: UID 10175 - CAH, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK); Frequency: 707.5 MHz;Duty Cycle: 1:3.74
Medium: H06T27N5_1203 Medium parameters used (interpolated): f = 707.5 MHz; σ = 0.895 S/m; ε_r = 44.037; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃； Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7472; ConvF(10.5, 10.5, 10.5) @ 707.5 MHz; Calibrated: 2022/05/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2022/06/01
- Phantom: ELI Phantom_2118; Type: QD OVA 004 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (61x231x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.940 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 32.75 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.84 W/kg
SAR(1 g) = 0.853 W/kg; SAR(10 g) = 0.440 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 8.1 mm
Ratio of SAR at M2 to SAR at M1 = 49%
Maximum value of SAR (measured) = 1.34 W/kg



Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2022/12/03

P09 LTE 13_QPSK10M_Top Side_0mm_Ch23230_1RB_OS0_Ant 0

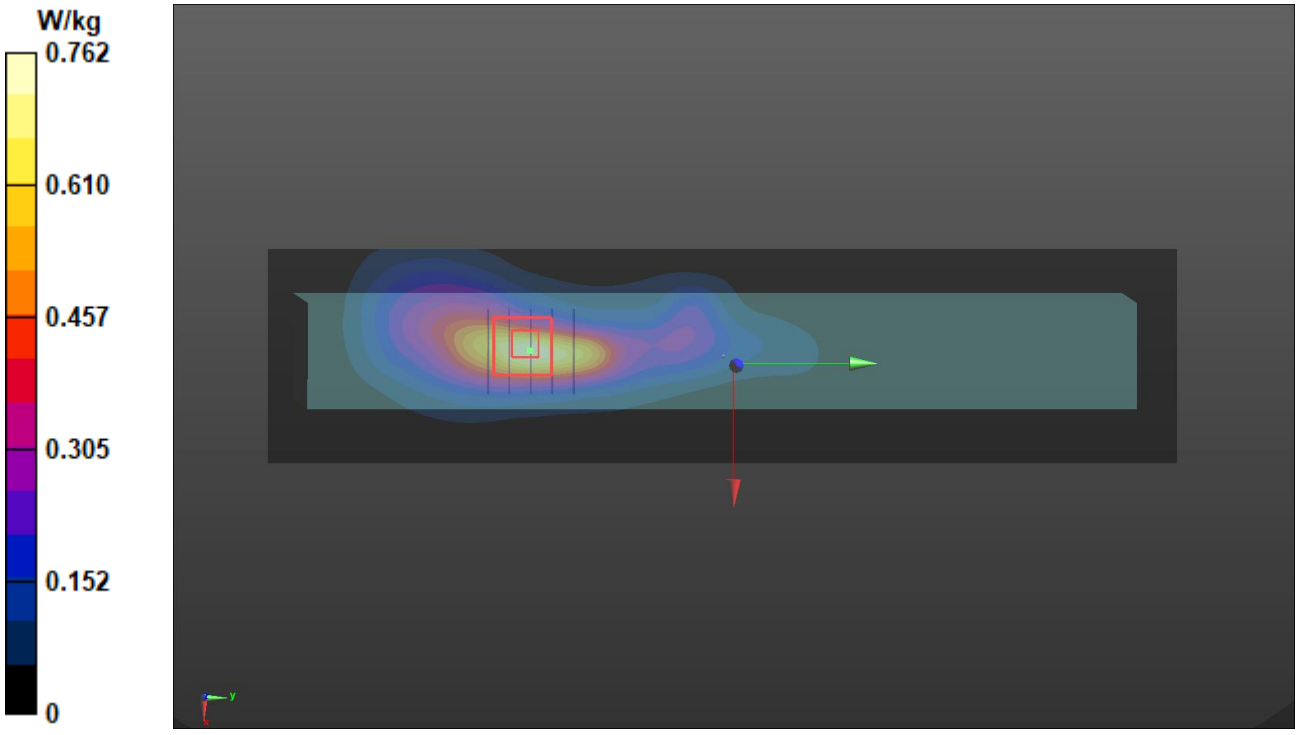
DUT: CDVB-WTW-P22100074

Communication System: UID 10175 - CAH, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK); Frequency: 782 MHz;Duty Cycle: 1:3.74
Medium: H06T27N5_1203 Medium parameters used: f = 782 MHz; σ = 0.92 S/m; ε_r = 43.832; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃； Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7472; ConvF(10.5, 10.5, 10.5) @ 782 MHz; Calibrated: 2022/05/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2022/06/01
- Phantom: ELI Phantom_2118; Type: QD OVA 004 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (61x231x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.762 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.61 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.19 W/kg
SAR(1 g) = 0.594 W/kg; SAR(10 g) = 0.328 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 8.2 mm
Ratio of SAR at M2 to SAR at M1 = 56.4%
Maximum value of SAR (measured) = 0.850 W/kg



Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2022/12/03

P10 LTE 14_QPSK10M_Top Side_0mm_Ch23330_1RB_OS0_Ant 0

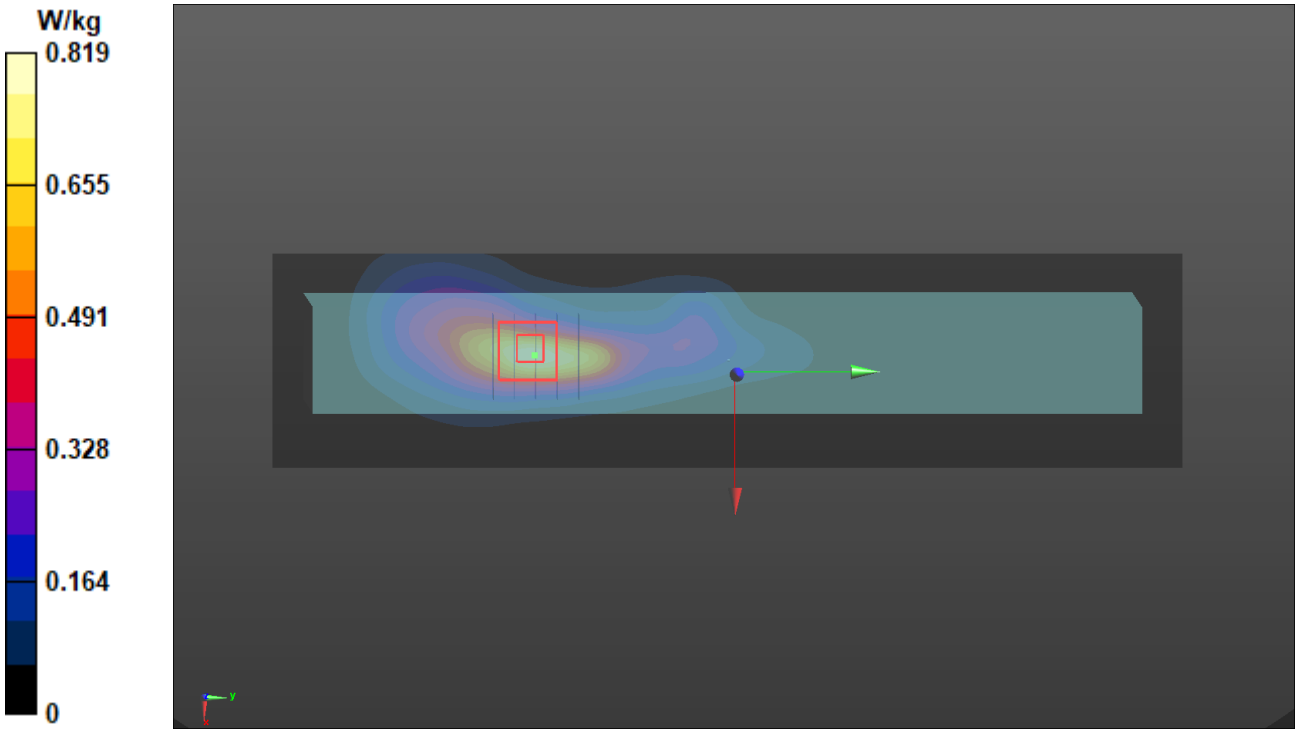
DUT: CDVB-WTW-P22100074

Communication System: UID 10175 - CAH, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK); Frequency: 793 MHz;Duty Cycle: 1:3.74
Medium: H06T27N5_1203 Medium parameters used: f = 793 MHz; σ = 0.924 S/m; ε_r = 43.797; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃； Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7472; ConvF(10.5, 10.5, 10.5) @ 793 MHz; Calibrated: 2022/05/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2022/06/01
- Phantom: ELI Phantom_2118; Type: QD OVA 004 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (61x231x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.819 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 30.59 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.28 W/kg
SAR(1 g) = 0.638 W/kg; SAR(10 g) = 0.352 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 8.2 mm
Ratio of SAR at M2 to SAR at M1 = 55.9%
Maximum value of SAR (measured) = 0.924 W/kg



Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2022/12/03

P11 LTE 17_QPSK10M_Top Side_0mm_Ch23800_1RB_OS0_Ant 0

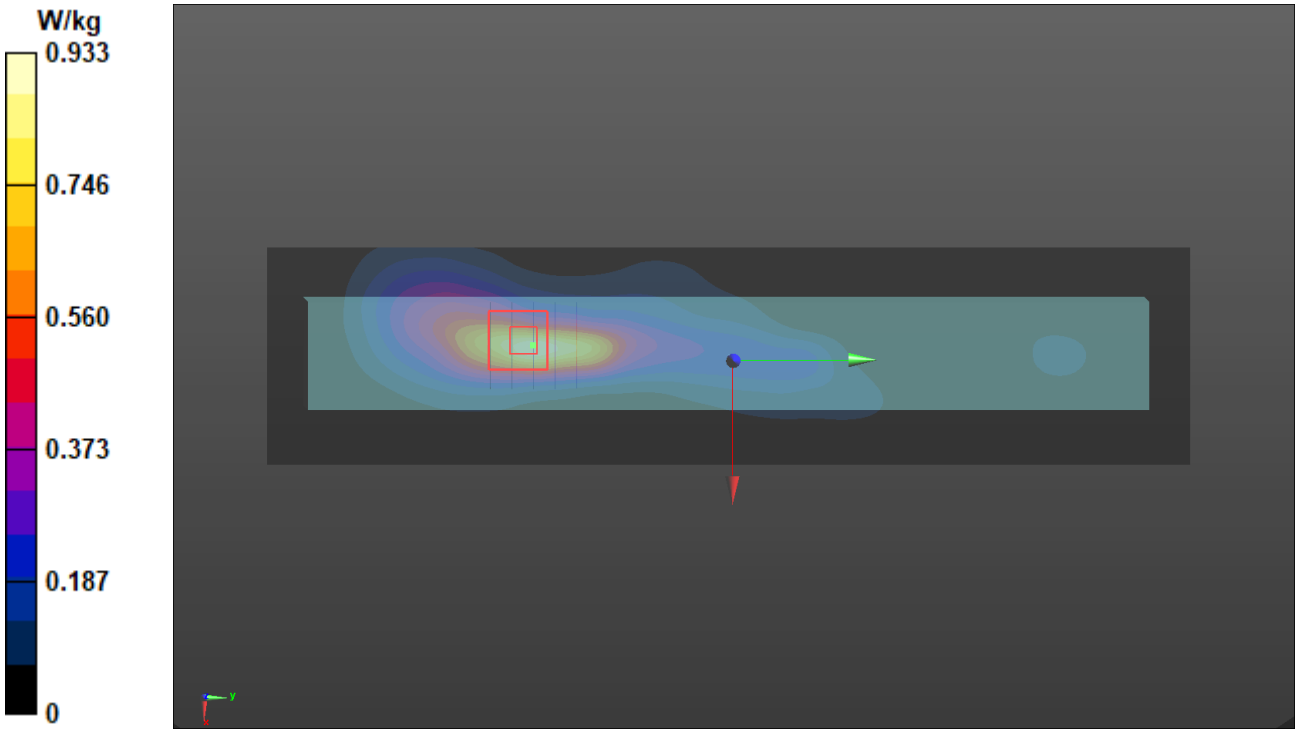
DUT: CDVB-WTW-P22100074

Communication System: UID 10175 - CAH, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK); Frequency: 711 MHz;Duty Cycle: 1:3.74
Medium: H06T27N5_1203 Medium parameters used: f = 711 MHz; σ = 0.896 S/m; ε_r = 44.024; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃； Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7472; ConvF(10.5, 10.5, 10.5) @ 711 MHz; Calibrated: 2022/05/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2022/06/01
- Phantom: ELI Phantom_2118; Type: QD OVA 004 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (61x231x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.933 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 32.55 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.79 W/kg
SAR(1 g) = 0.831 W/kg; SAR(10 g) = 0.429 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 8.1 mm
Ratio of SAR at M2 to SAR at M1 = 48.8%
Maximum value of SAR (measured) = 1.31 W/kg



Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2022/12/09

P12 LTE 25_QPSK20M_Top Side_0mm_Ch26140_1RB_OS0_Ant 0

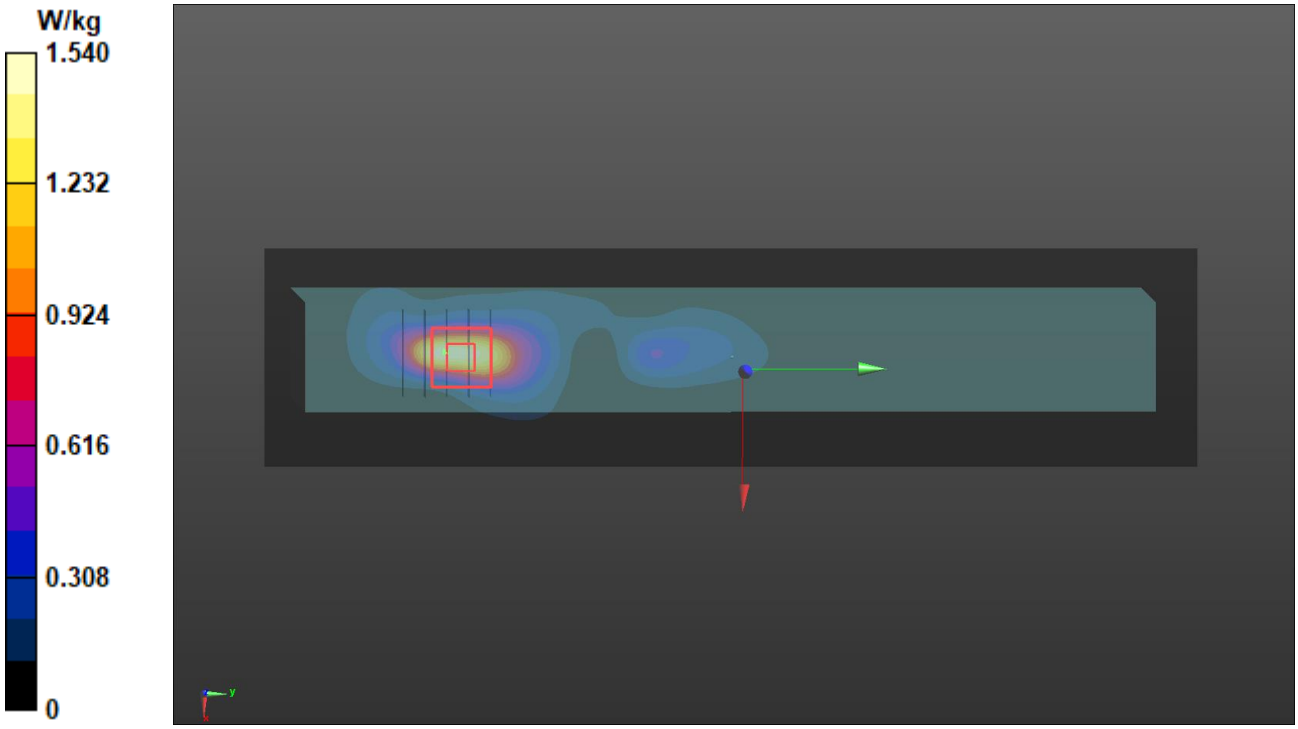
DUT: CDVB-WTW-P22100074

Communication System: UID 10169 - CAF, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 1860 MHz;Duty Cycle: 1:3.74
Medium: H06T27N5_1209 Medium parameters used: f = 1860 MHz; σ = 1.441 S/m; ε_r = 41.086; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃； Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7472; ConvF(8.44, 8.44, 8.44) @ 1860 MHz; Calibrated: 2022/05/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2022/06/01
- Phantom: ELI Phantom_2118; Type: QD OVA 004 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (61x231x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.54 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 32.49 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 2.02 W/kg
SAR(1 g) = 0.941 W/kg; SAR(10 g) = 0.478 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 8.4 mm
Ratio of SAR at M2 to SAR at M1 = 47.7%
Maximum value of SAR (measured) = 1.62 W/kg



Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2022/12/12

P13 LTE 26_QPSK15M_Top Side_0mm_Ch26965_1RB_OS0_Ant 0

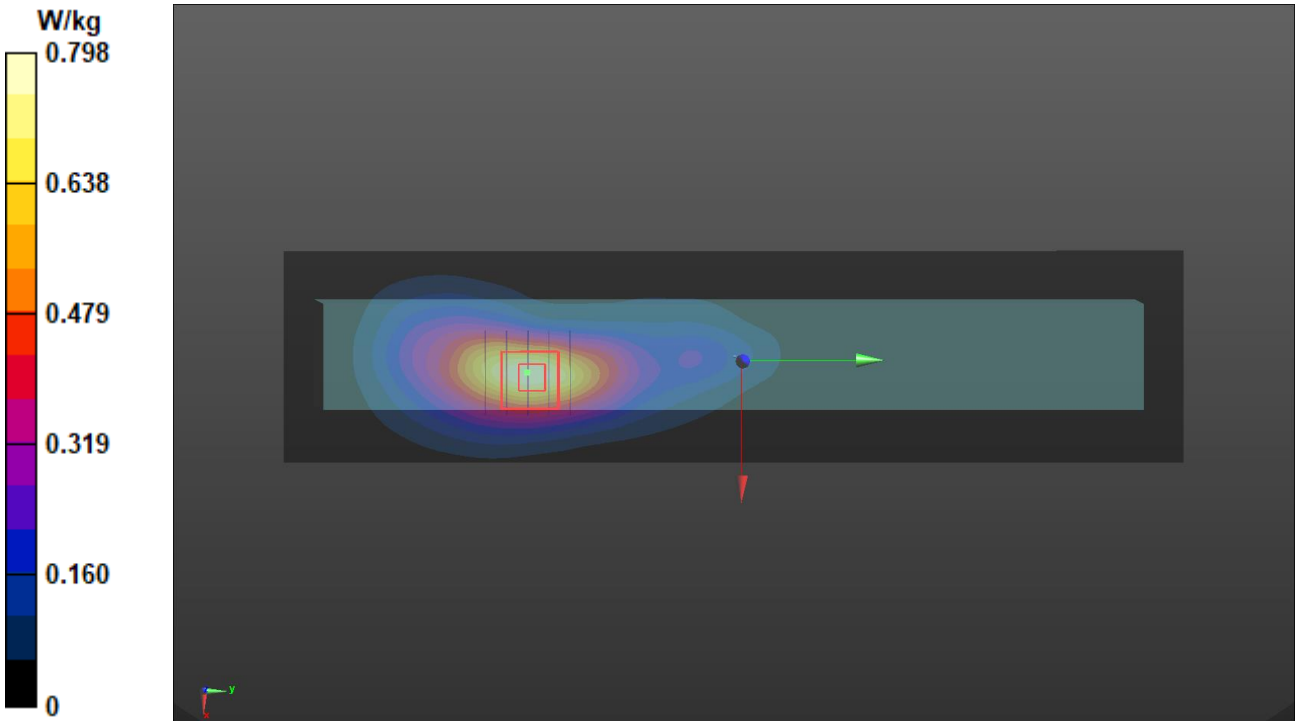
DUT: CDVB-WTW-P22100074

Communication System: UID 10181 - CAF, LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK); Frequency: 841.5 MHz;Duty Cycle: 1:3.74
Medium: H06T27N5_1212 Medium parameters used (interpolated): f = 841.5 MHz; σ = 0.953 S/m; ε_r = 43.274; ρ = 1000 kg/m^3
Ambient Temperature：22.7 ℃； Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7472; ConvF(10.1, 10.1, 10.1) @ 841.5 MHz; Calibrated: 2022/05/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2022/06/01
- Phantom: ELI Phantom_2118; Type: QD OVA 004 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (61x261x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.798 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.38 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 1.36 W/kg
SAR(1 g) = 0.671 W/kg; SAR(10 g) = 0.371 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 9.6 mm
Ratio of SAR at M2 to SAR at M1 = 50.8%
Maximum value of SAR (measured) = 1.10 W/kg



Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2022/12/09

P14 LTE 38_QPSK20M_Top Side_0mm_Ch38150_1RB_OS0_Ant 0

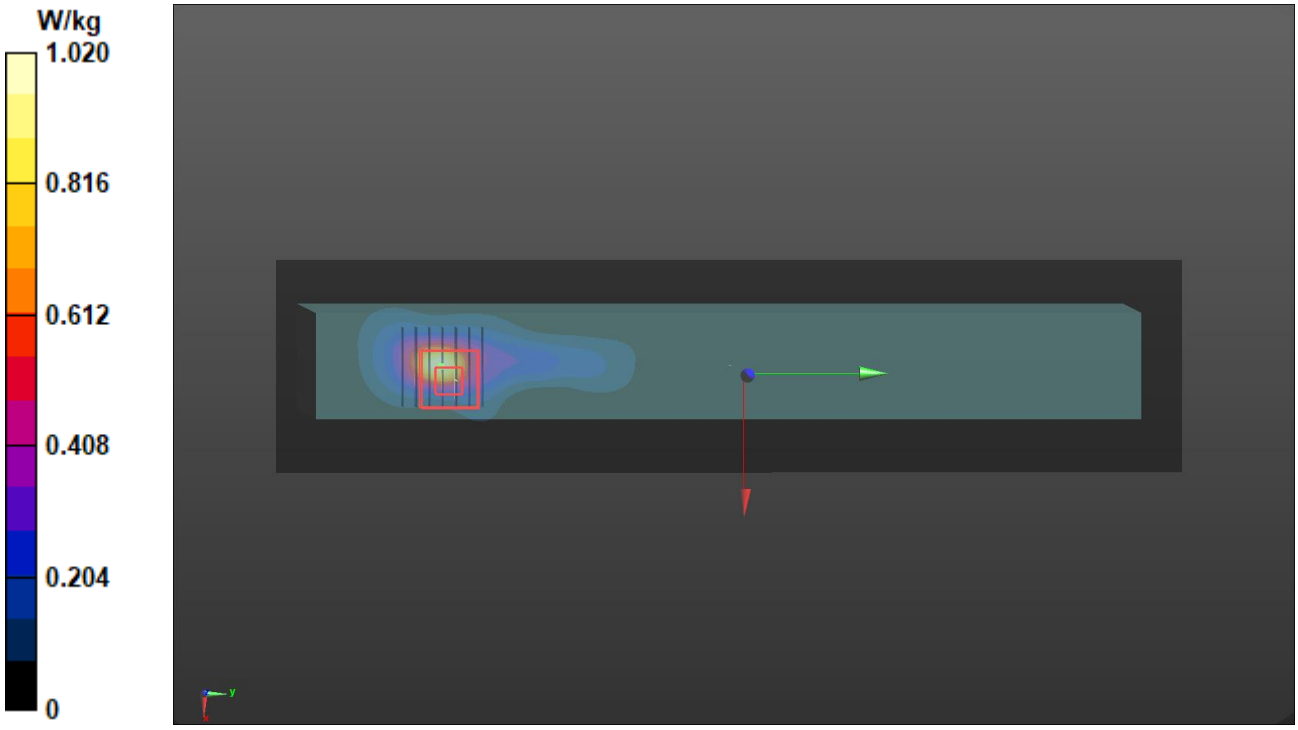
DUT: CDVB-WTW-P22100074

Communication System: UID 10172 - CAH, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 2610 MHz;Duty Cycle: 1:8.33
Medium: H06T27N5_1209 Medium parameters used: f = 2610 MHz; σ = 1.967 S/m; ε_r = 40.032; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃； Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7472; ConvF(7.59, 7.59, 7.59) @ 2610 MHz; Calibrated: 2022/05/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2022/06/01
- Phantom: ELI Phantom_2118; Type: QD OVA 004 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x291x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.02 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 23.80 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 2.45 W/kg
SAR(1 g) = 0.918 W/kg; SAR(10 g) = 0.332 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 5.8 mm
Ratio of SAR at M2 to SAR at M1 = 59.6%
Maximum value of SAR (measured) = 1.84 W/kg



Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2022/12/04

P15 LTE 41_QPSK20M_Top Side_0mm_Ch41055_1RB_OS0_Ant 0

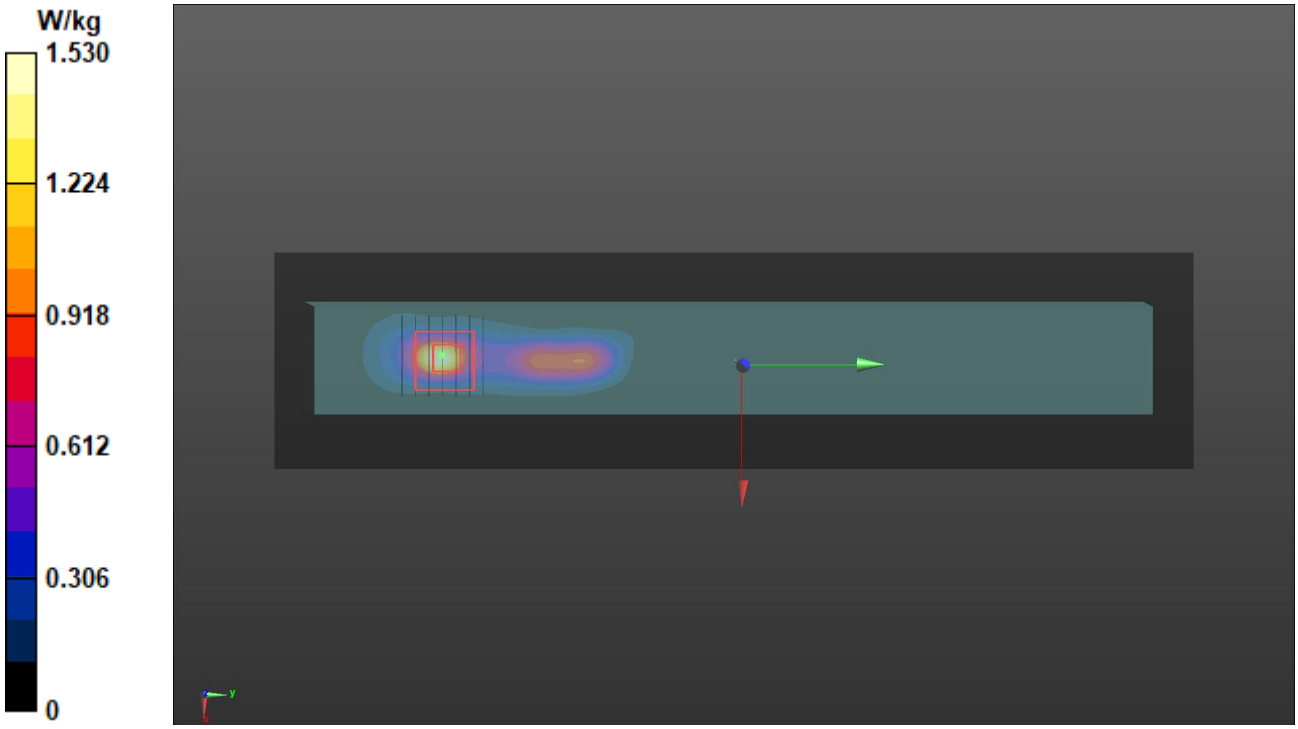
DUT: CDVB-WTW-P22100074

Communication System: UID 10172 - CAH, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 2636.5 MHz;Duty Cycle: 1:8.33
Medium: H06T27N5_1204 Medium parameters used (interpolated): f = 2636.5 MHz; σ = 1.988 S/m; ε_r = 40.617; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃； Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7472; ConvF(7.59, 7.59, 7.59) @ 2636.5 MHz; Calibrated: 2022/05/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2022/06/01
- Phantom: ELI Phantom_2118; Type: QD OVA 004 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x291x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.53 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 28.30 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 2.17 W/kg
SAR(1 g) = 0.851 W/kg; SAR(10 g) = 0.314 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 5.4 mm
Ratio of SAR at M2 to SAR at M1 = 41.8%
Maximum value of SAR (measured) = 1.61 W/kg



Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2022/12/05

P16 LTE 42_QPSK20M_Top Side_0mm_Ch43190_1RB_OS0_Ant 0

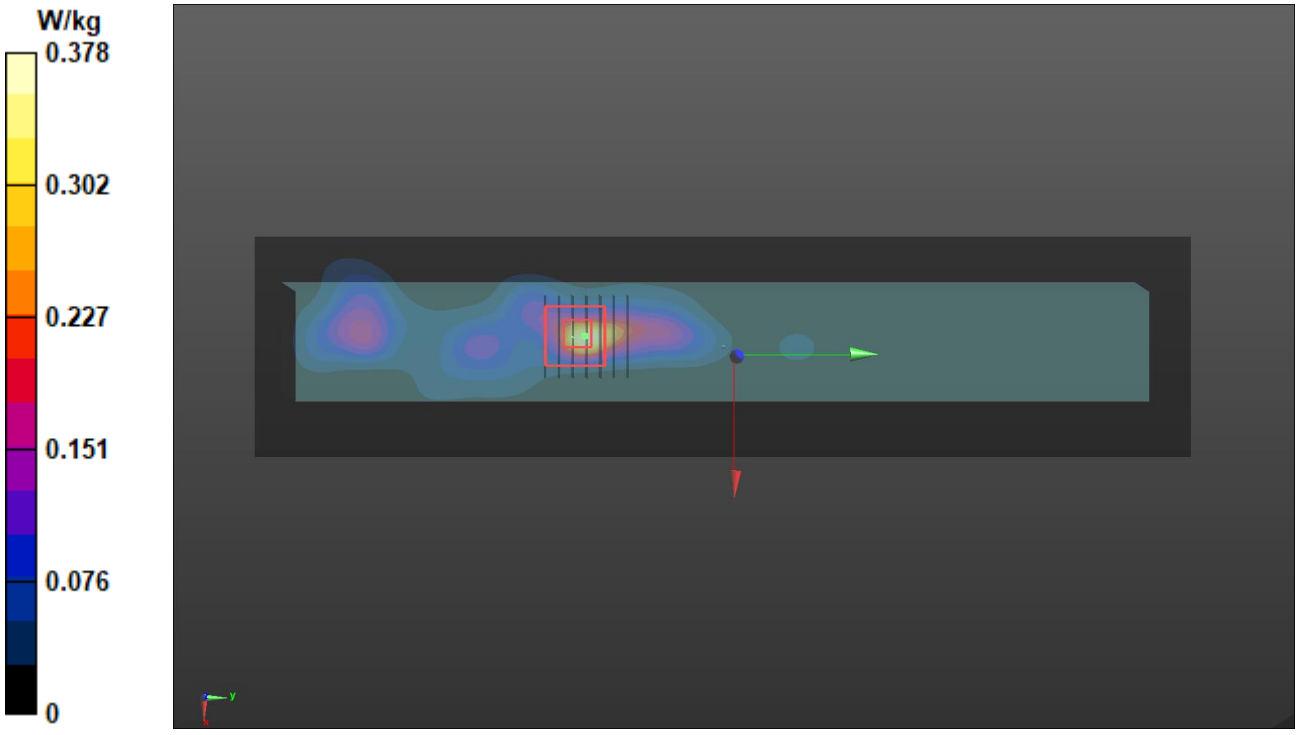
DUT: CDVB-WTW-P22100074

Communication System: UID 10172 - CAH, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 3560 MHz;Duty Cycle: 1:8.33
Medium: H33T50N5_1205 Medium parameters used: f = 3560 MHz; σ = 2.871 S/m; ε_r = 39.206; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃； Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7472; ConvF(7.22, 7.22, 7.22) @ 3560 MHz; Calibrated: 2022/05/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2022/06/01
- Phantom: ELI Phantom_2118; Type: QD OVA 004 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x291x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.378 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2.5mm
Reference Value = 11.15 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.922 W/kg
SAR(1 g) = 0.306 W/kg; SAR(10 g) = 0.086 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 5.5 mm
Ratio of SAR at M2 to SAR at M1 = 63.6%
Maximum value of SAR (measured) = 0.633 W/kg



Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2022/12/05

P17 LTE 48_QPSK20M_Top Side_0mm_Ch55780_1RB_OS0_Ant 0

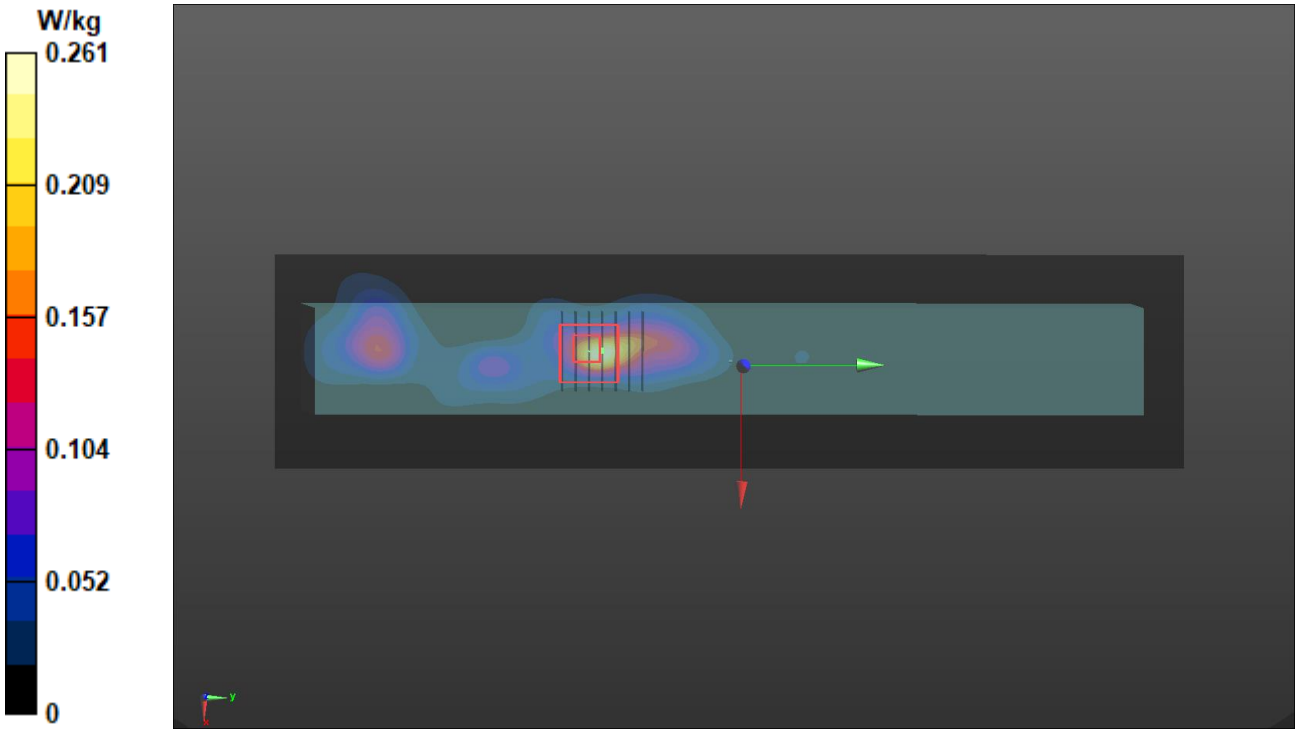
DUT: CDVB-WTW-P22100074

Communication System: UID 10172 - CAH, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 3603 MHz;Duty Cycle: 1:8.33
Medium: H33T50N5_1205 Medium parameters used: f = 3603 MHz; σ = 2.969 S/m; ε_r = 39.099; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃； Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7472; ConvF(7.2, 7.2, 7.2) @ 3603 MHz; Calibrated: 2022/05/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2022/06/01
- Phantom: ELI Phantom_2118; Type: QD OVA 004 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x291x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.261 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2.5mm
Reference Value = 9.367 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 0.699 W/kg
SAR(1 g) = 0.239 W/kg; SAR(10 g) = 0.064 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 5.2 mm
Ratio of SAR at M2 to SAR at M1 = 65.4%
Maximum value of SAR (measured) = 0.504 W/kg



Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2022/12/12

P18 LTE 66_QPSK20M_Top Side_0mm_Ch132072_1RB_OS0_Ant 0

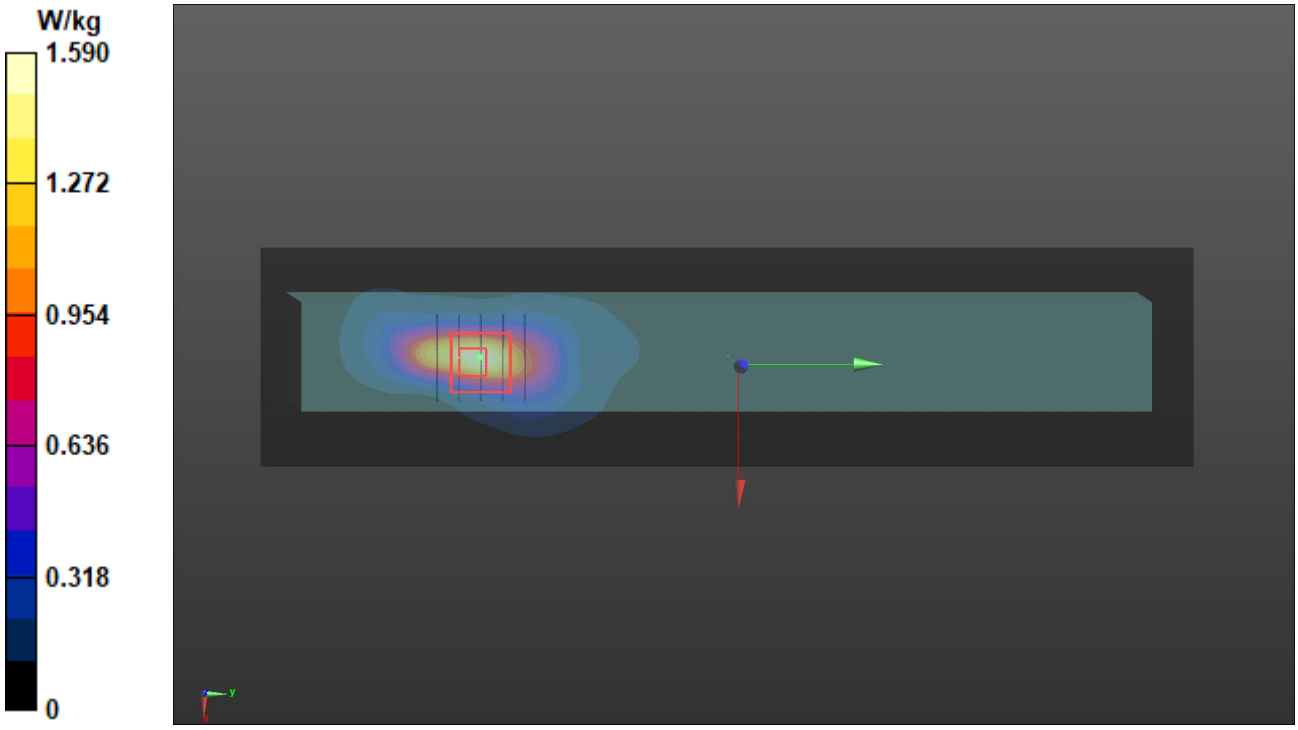
DUT: CDVB-WTW-P22100074

Communication System: UID 10169 - CAF, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 1720 MHz;Duty Cycle: 1:3.74
Medium: H06T27N5_1212 Medium parameters used: f = 1720 MHz; σ = 1.364 S/m; ε_r = 41.375; ρ = 1000 kg/m^3
Ambient Temperature：22.7 ℃； Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7472; ConvF(8.8, 8.8, 8.8) @ 1720 MHz; Calibrated: 2022/05/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2022/06/01
- Phantom: ELI Phantom_2118; Type: QD OVA 004 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (61x231x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.59 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 35.45 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 1.99 W/kg
SAR(1 g) = 0.939 W/kg; SAR(10 g) = 0.485 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 8.1 mm
Ratio of SAR at M2 to SAR at M1 = 52.9%
Maximum value of SAR (measured) = 1.67 W/kg



Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2022/12/05

P19 LTE 71_QPSK20M_Top Side_0mm_Ch133372_1RB_OS0_Ant 0

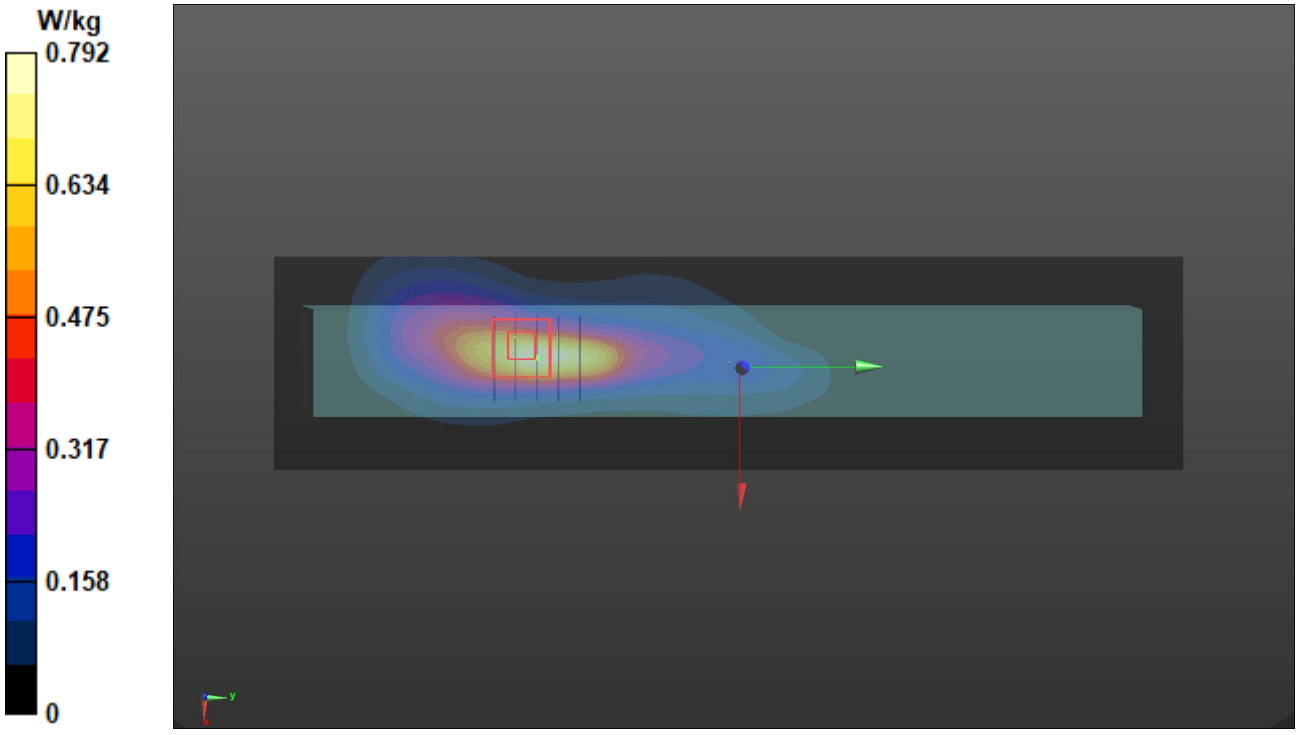
DUT: CDVB-WTW-P22100074

Communication System: UID 10169 - CAF, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 688 MHz;Duty Cycle: 1:3.74
Medium: H06T27N5_1205 Medium parameters used: f = 688 MHz; σ = 0.887 S/m; ε_r = 44.112; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃； Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7472; ConvF(10.5, 10.5, 10.5) @ 688 MHz; Calibrated: 2022/05/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2022/06/01
- Phantom: ELI Phantom_2118; Type: QD OVA 004 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (61x231x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.792 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 30.36 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.74 W/kg
SAR(1 g) = 0.767 W/kg; SAR(10 g) = 0.393 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 8.4 mm
Ratio of SAR at M2 to SAR at M1 = 44.3%
Maximum value of SAR (measured) = 1.25 W/kg



Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2022/12/10

P20 5GNR-n2_DFT-S QPSK20M_Top Side_0mm_Ch372000_1RB_OS1_Ant 0

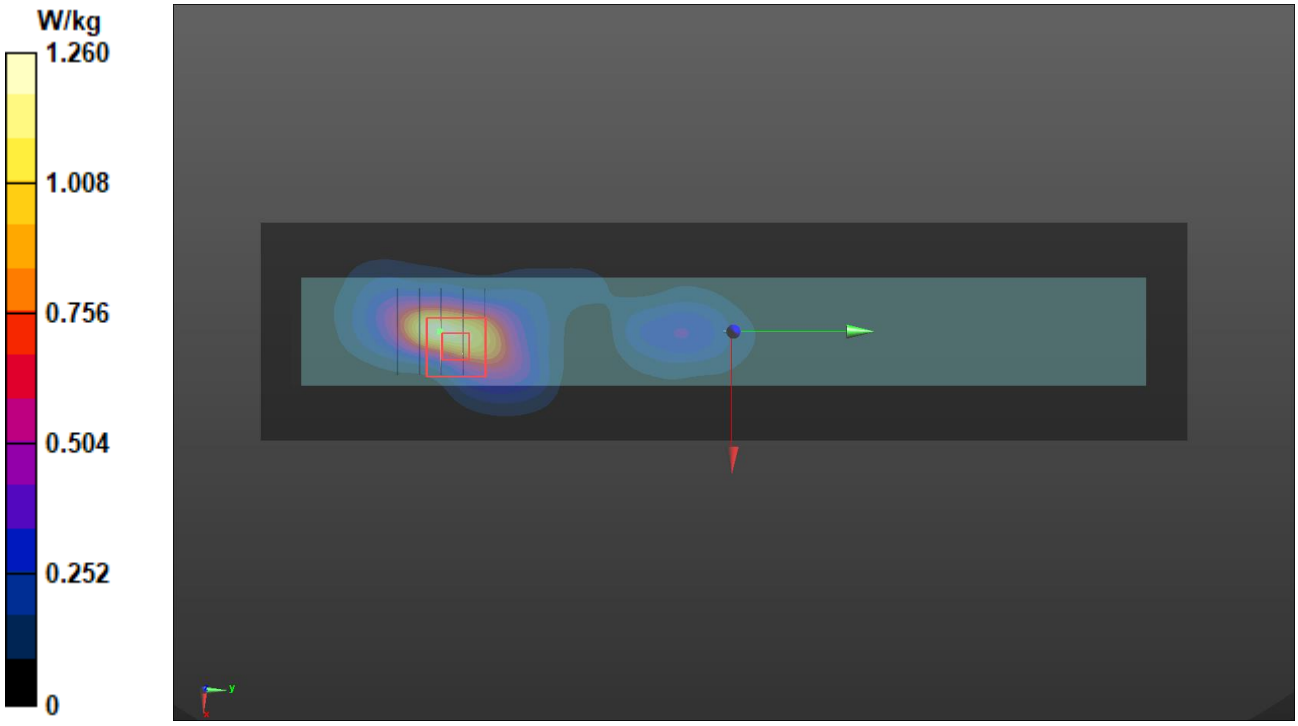
DUT: CDVB-WTW-P22100074

Communication System: UID 10931 - AAC, 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz); Frequency: 1860 MHz;Duty Cycle: 1:3.56
Medium: H06T27N5_1210 Medium parameters used: f = 1860 MHz; σ = 1.415 S/m; ε_r = 41.358; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃； Liquid Temperature：21.0 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7472; ConvF(8.44, 8.44, 8.44) @ 1860 MHz; Calibrated: 2022/05/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2022/06/01
- Phantom: ELI Phantom_2118; Type: QD OVA 004 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (61x231x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.26 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.26 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 2.02 W/kg
SAR(1 g) = 0.948 W/kg; SAR(10 g) = 0.487 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 8.2 mm
Ratio of SAR at M2 to SAR at M1 = 55.8%
Maximum value of SAR (measured) = 1.45 W/kg



Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2022/12/10

P21 5GNR-n5_DFT-S QPSK20M_Top Side_0mm_Ch167300_1RB_OS1_Ant 0

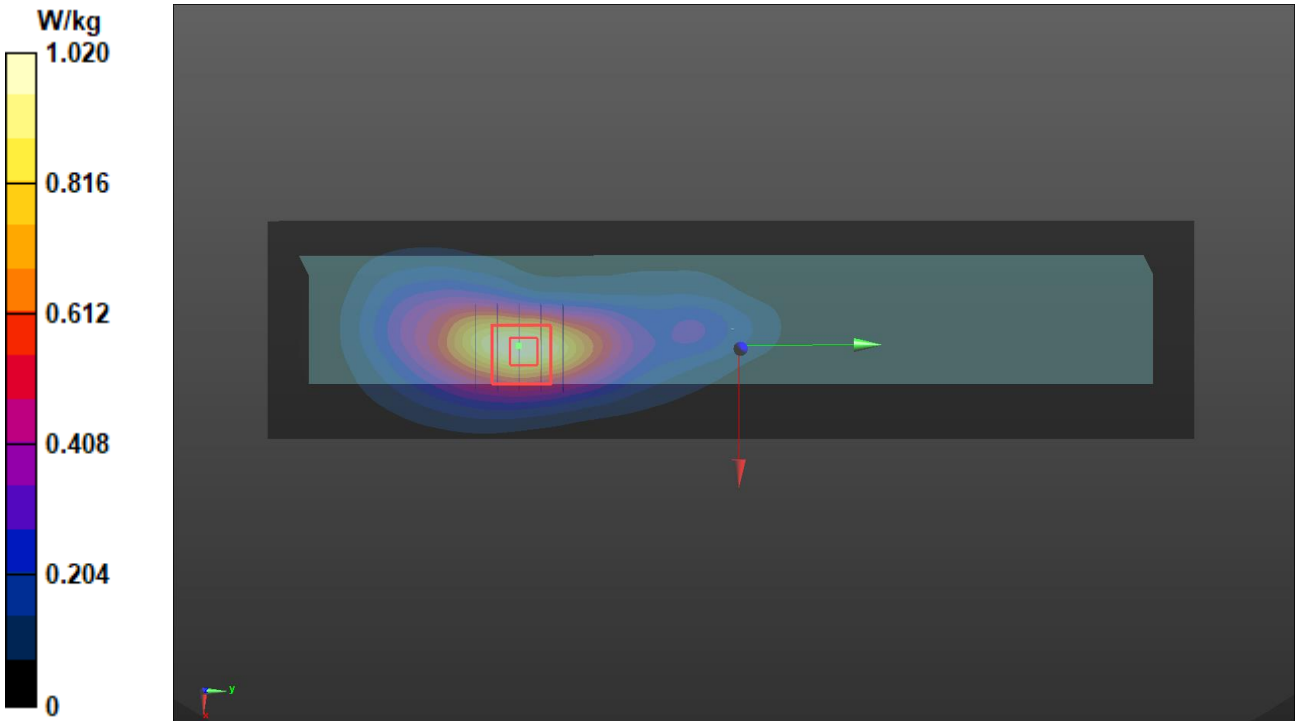
DUT: CDVB-WTW-P22100074

Communication System: UID 10931 - AAC, 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz); Frequency: 836.5 MHz;Duty Cycle: 1:3.56
Medium: H06T27N5_1210 Medium parameters used (interpolated): f = 836.5 MHz; σ = 0.93 S/m; ε_r = 43.249; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃； Liquid Temperature：21.0 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7472; ConvF(10.1, 10.1, 10.1) @ 836.5 MHz; Calibrated: 2022/05/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2022/06/01
- Phantom: ELI Phantom_2118; Type: QD OVA 004 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (61x231x1): Interpolated grid: dx=1.500 mm, dy=1.500 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 = 31.29 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 1.69 W/kg
SAR(1 g) = 0.850 W/kg; SAR(10 g) = 0.470 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 9.6 mm
Ratio of SAR at M2 to SAR at M1 = 50.7%
Maximum value of SAR (measured) = 1.38 W/kg



Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2022/12/10

P22 5GNR-n66_DFT-S QPSK40M_Top Side_0mm_Ch346000_1RB_OS1_Ant 0

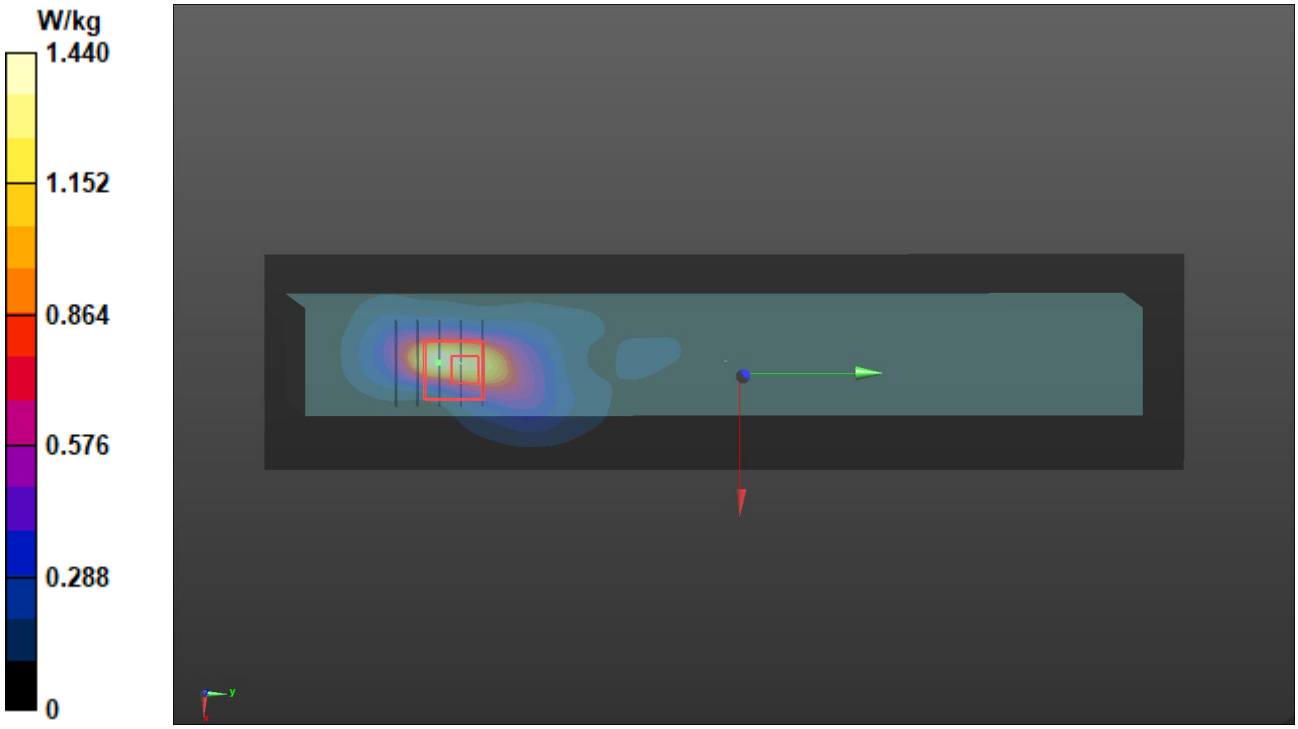
DUT: CDVB-WTW-P22100074

Communication System: UID 10934 - AAC, 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz); Frequency: 1730 MHz;Duty Cycle: 1:3.56
Medium: H06T27N5_1210 Medium parameters used: f = 1730 MHz; σ = 1.343 S/m; ε_r = 41.553; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃； Liquid Temperature：21.0 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7472; ConvF(8.8, 8.8, 8.8) @ 1730 MHz; Calibrated: 2022/05/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2022/06/01
- Phantom: ELI Phantom_2118; Type: QD OVA 004 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (61x231x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.44 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 32.59 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 1.96 W/kg
SAR(1 g) = 0.938 W/kg; SAR(10 g) = 0.432 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 8.4 mm
Ratio of SAR at M2 to SAR at M1 = 51.5%
Maximum value of SAR (measured) = 1.57 W/kg



Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2022/12/01

P23 5GNR-n71_DFT-S QPSK20M_Top Side_0mm_Ch137600_1RB_OS53_Ant 0

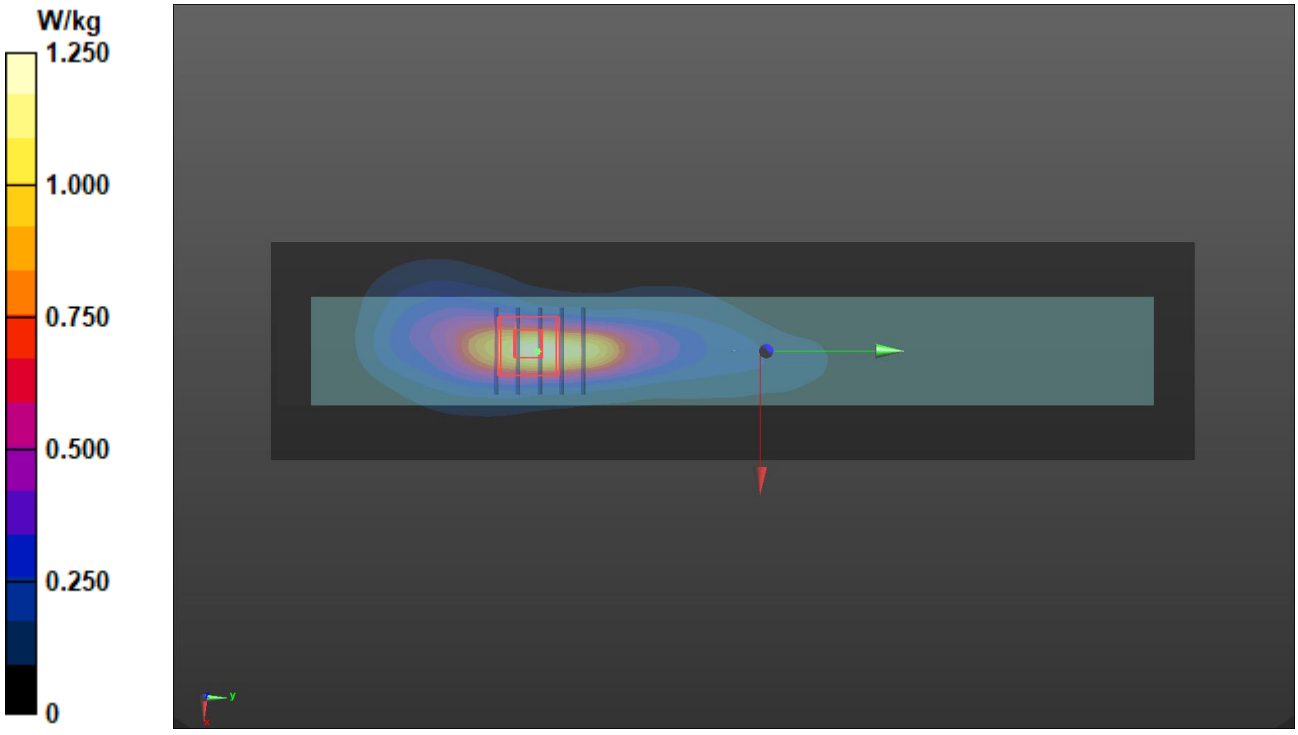
DUT: CDVB-WTW-P22100074

Communication System: UID 10931 - AAC, 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz); Frequency: 688 MHz;Duty Cycle: 1:3.56
Medium: H06T27N5_1201 Medium parameters used: f = 688 MHz; σ = 0.916 S/m; ε_r = 43.989; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃； Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7472; ConvF(10.5, 10.5, 10.5) @ 688 MHz; Calibrated: 2022/05/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2022/06/01
- Phantom: ELI Phantom_2118; Type: QD OVA 004 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (61x231x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.25 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 38.61 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 1.83 W/kg
SAR(1 g) = 0.808 W/kg; SAR(10 g) = 0.417 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 8.6 mm
Ratio of SAR at M2 to SAR at M1 = 49.5%
Maximum value of SAR (measured) = 1.24 W/kg



Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2022/11/29

P24 5GNR-n77_DFT-S QPSK100M_Top Side_0mm_Ch656000_1RB_OS1_Ant 0

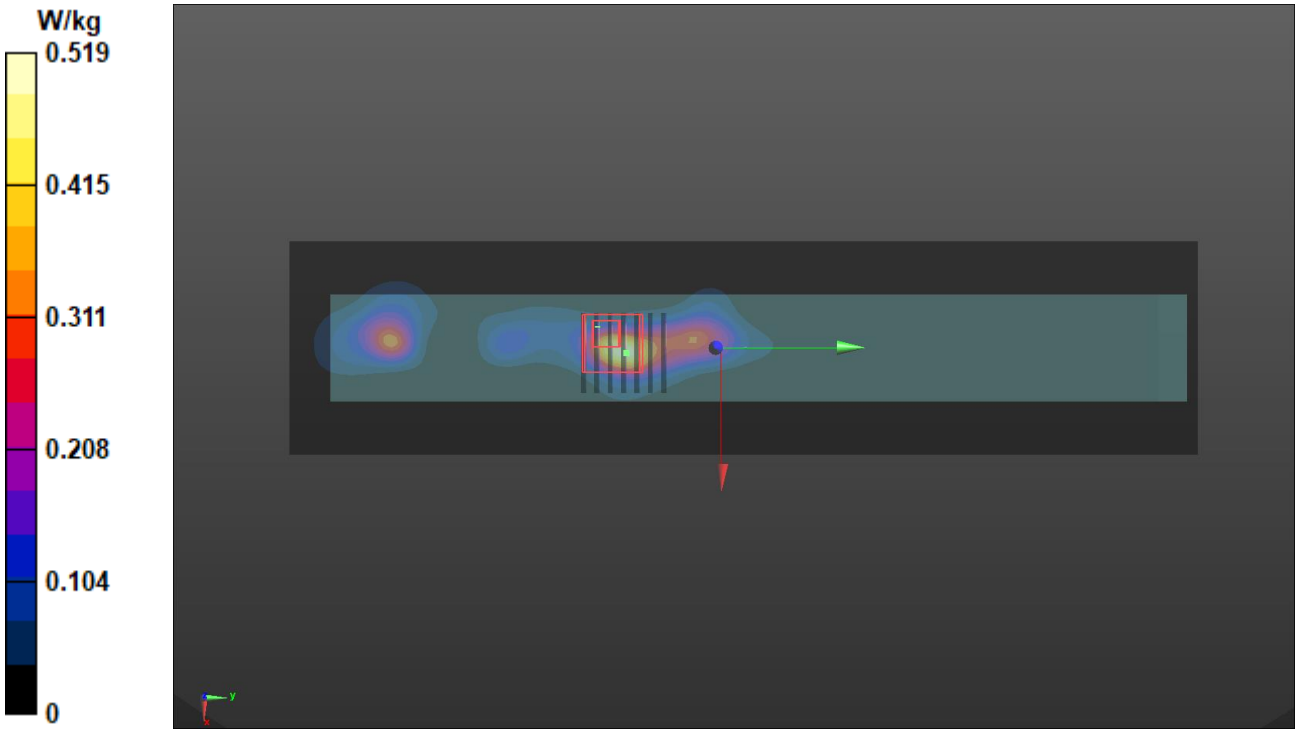
DUT: CDVB-WTW-P22100074

Communication System: UID 10866 - AAD, 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz); Frequency: 3840 MHz;Duty Cycle: 1:3.7
Medium: H33T50N5_1129 Medium parameters used: f = 3840 MHz; σ = 3.236 S/m; ε_r = 38.365; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃； Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7472; ConvF(6.98, 6.98, 6.98) @ 3840 MHz; Calibrated: 2022/05/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2022/06/01
- Phantom: ELI Phantom_2118; Type: QD OVA 004 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x291x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.519 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2.5mm
Reference Value = 13.32 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 1.71 W/kg
SAR(1 g) = 0.549 W/kg; SAR(10 g) = 0.153 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 6.4 mm
Ratio of SAR at M2 to SAR at M1 = 63.6%
Maximum value of SAR (measured) = 1.06 W/kg



Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2022/11/29

P25 5GNR-n77_DFT-S QPSK100M_Top Side_0mm_Ch630000_1RB_OS1_Ant 0

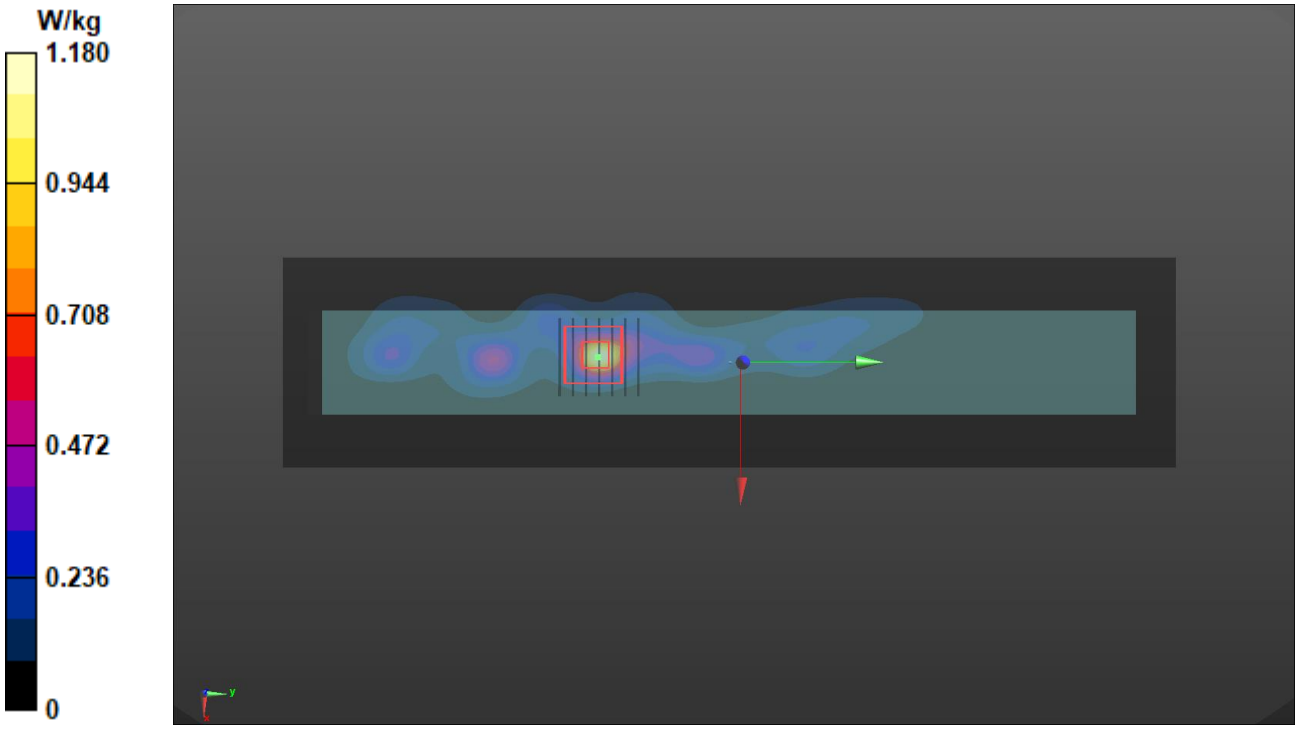
DUT: CDVB-WTW-P22100074

Communication System: UID 10866 - AAD, 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz); Frequency: 3450 MHz;Duty Cycle: 1:3.7
Medium: H33T50N5_1129 Medium parameters used: f = 3450 MHz; σ = 2.819 S/m; ε_r = 39.312; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃； Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7472; ConvF(7.22, 7.22, 7.22) @ 3450 MHz; Calibrated: 2022/05/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2022/06/01
- Phantom: ELI Phantom_2118; Type: QD OVA 004 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x291x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.18 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2.5mm
Reference Value = 21.04 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 2.07 W/kg
SAR(1 g) = 0.765 W/kg; SAR(10 g) = 0.244 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 5.1 mm
Ratio of SAR at M2 to SAR at M1 = 67.6%
Maximum value of SAR (measured) = 1.40 W/kg



Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2022/11/29

P28 5GNR-n78_DFT-S QPSK100M_Top Side_0mm_Ch650000_1RB_OS1_Ant 0

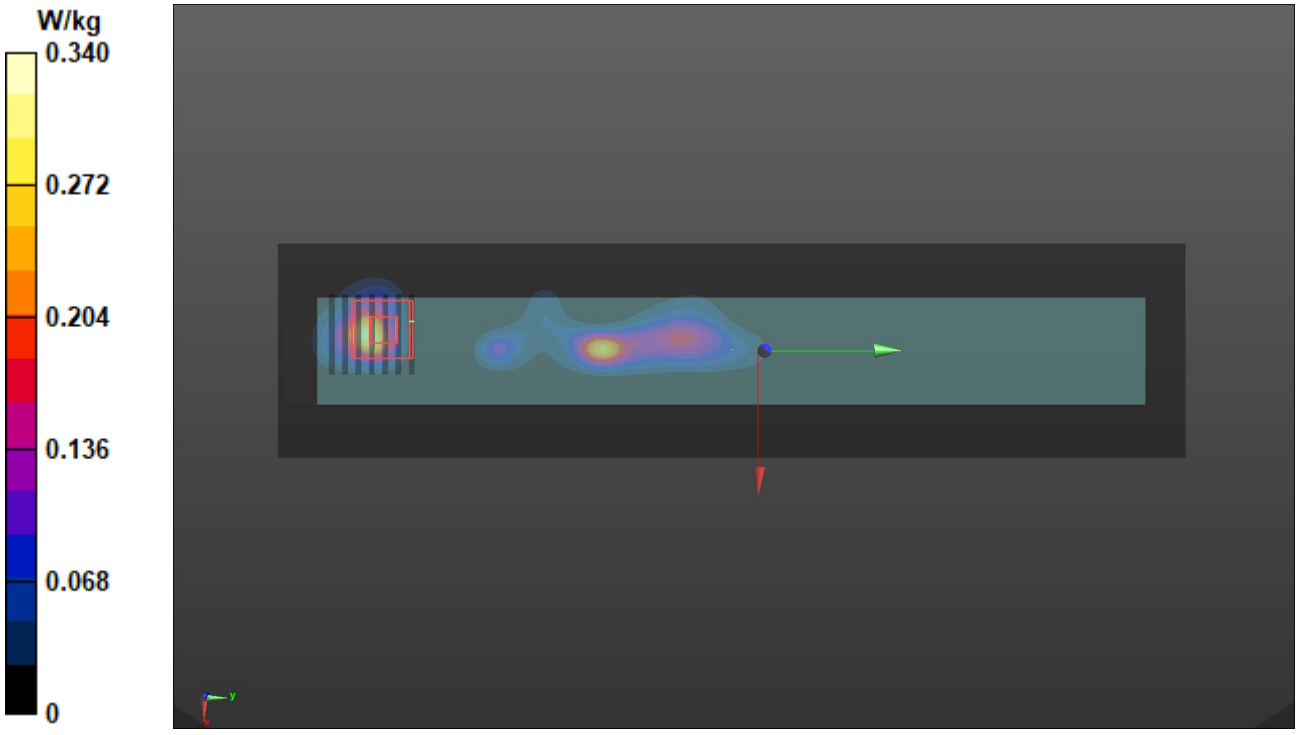
DUT: CDVB-WTW-P22100074

Communication System: UID 10866 - AAD, 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz); Frequency: 3750 MHz;Duty Cycle: 1:3.7
Medium: H33T50N5_1129 Medium parameters used: f = 3750 MHz; σ = 3.168 S/m; ε_r = 38.33; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃； Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7472; ConvF(7.2, 7.2, 7.2) @ 3750 MHz; Calibrated: 2022/05/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2022/06/01
- Phantom: ELI Phantom_2118; Type: QD OVA 004 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x291x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.340 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2.5mm
Reference Value = 10.01 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 0.608 W/kg
SAR(1 g) = 0.216 W/kg; SAR(10 g) = 0.080 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 5.9 mm
Ratio of SAR at M2 to SAR at M1 = 61.9%
Maximum value of SAR (measured) = 0.431 W/kg



Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2022/11/29

P29 5GNR-n78_DFT-S QPSK100M_Top Side_0mm_Ch630000_1RB_OS1_Ant 0

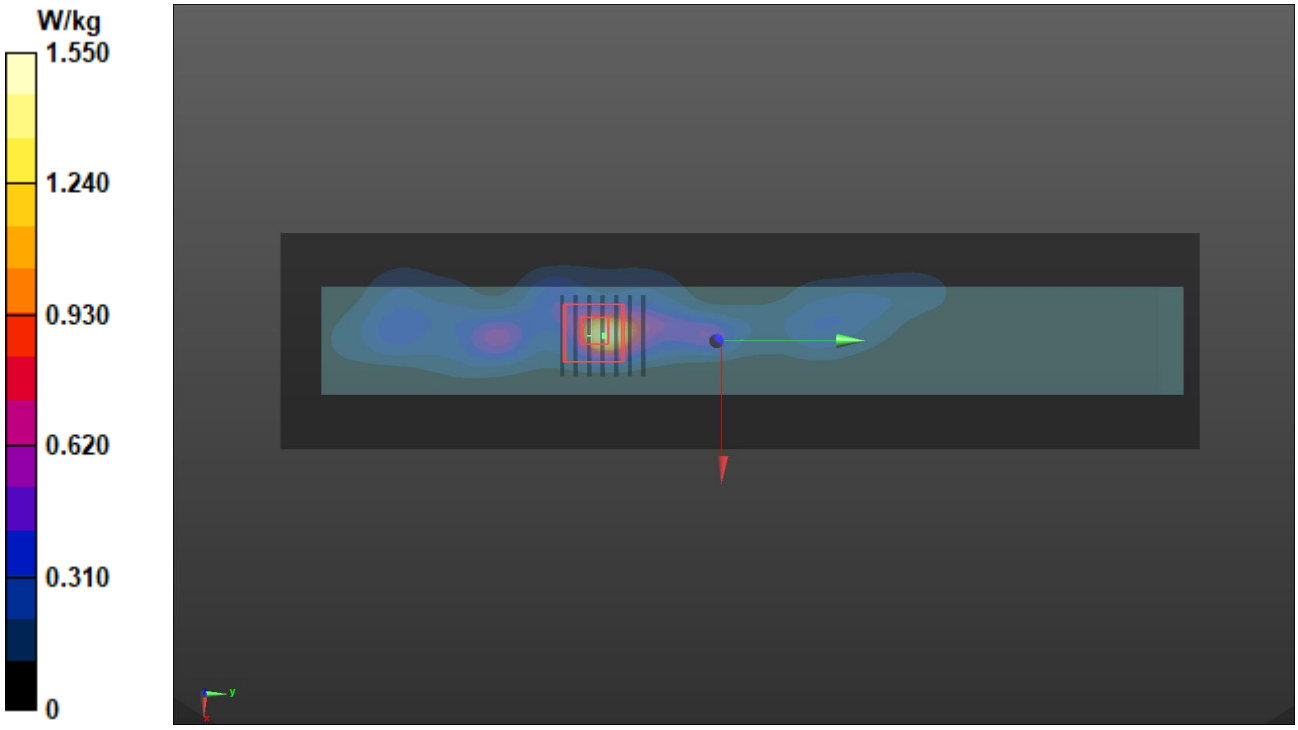
DUT: CDVB-WTW-P22100074

Communication System: UID 10866 - AAD, 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz); Frequency: 3450 MHz;Duty Cycle: 1:3.7
Medium: H33T50N5_1129 Medium parameters used: f = 3450 MHz; σ = 2.819 S/m; ε_r = 39.312; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃； Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7472; ConvF(7.22, 7.22, 7.22) @ 3450 MHz; Calibrated: 2022/05/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2022/06/01
- Phantom: ELI Phantom_2118; Type: QD OVA 004 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x291x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.55 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2.5mm
Reference Value = 24.14 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 2.96 W/kg
SAR(1 g) = 0.946 W/kg; SAR(10 g) = 0.278 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 5.6 mm
Ratio of SAR at M2 to SAR at M1 = 67%
Maximum value of SAR (measured) = 1.96 W/kg



Measurement Report for Device

P32 WLAN2.4G_802.11b_Right Side_0mm_Ch6_Ant 1

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
CDVB-WTW-P22100074	240.0 x 45.0 x 310.0		Tablet

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	Right Side, 0.00	WLAN 2.4GHz	WLAN, 10012-CAB	2437.0, 6	7.89	1.87	38.4

Hardware Setup

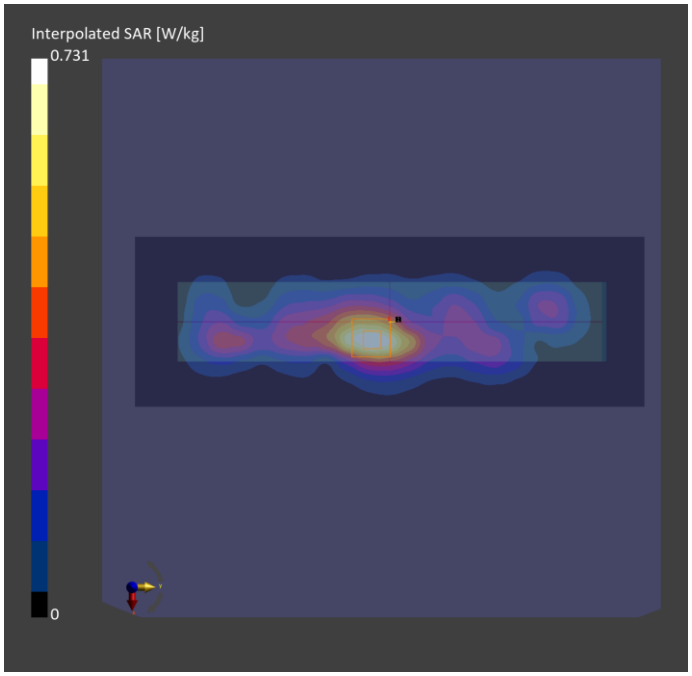
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2105	H19T27N1 , 2022-Oct-19	EX3DV4 - SN7472, 2022-05-27	DAE3 Sn579, 2022-06-01

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	96.0 x 288.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2022-10-19	2022-10-19
psSAR1g [W/kg]	0.586	0.614
psSAR10g [W/kg]	0.312	0.332
Power Drift [dB]	0.08	-0.01
M2/M1 [%]		54.4
Dist 3dB Peak [mm]		12.0



Measurement Report for Device

P33 WLAN5.3G_802.11n HT40_Right Side_0mm_Ch54_Ant 1

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
CDVB-WTW-P22100074	240.0 x 45.0 x 310.0		Tablet

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	Right Side, 0.00	WLAN 5GHz	WLAN, 10599-AAC	5270.0, 54	5.89	4.69	35.5

Hardware Setup

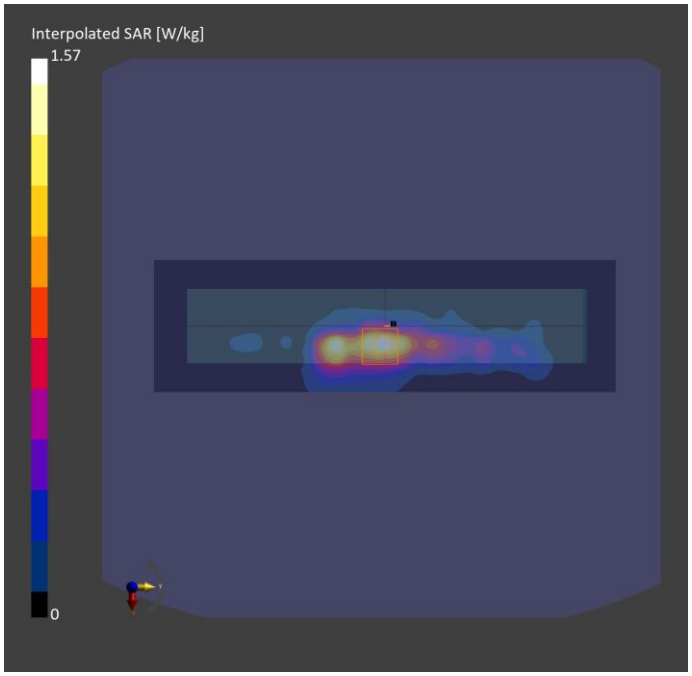
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2105	H34T60N1, 2022-Oct-20	EX3DV4 - SN7472, 2022-05-27	DAE3 Sn579, 2022-06-01

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 280.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2022-10-20	2022-10-20
psSAR1g [W/kg]	1.11	1.08
psSAR10g [W/kg]	0.427	0.411
Power Drift [dB]	0.02	0.03
M2/M1 [%]		68.3
Dist 3dB Peak [mm]		7.9



Measurement Report

P34 WLAN5.6G_802.11ac VHT80_Right Side_0mm_Ch138_Ant 1

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
CDVB-WTW-P22100074	240.0 x 45.0 x 310.0		Tablet

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	Right Side 0.00	WLAN 5GHz	WLAN, 10544-AAC	5690.0, 138	4.61	5.26	36.6

Hardware Setup

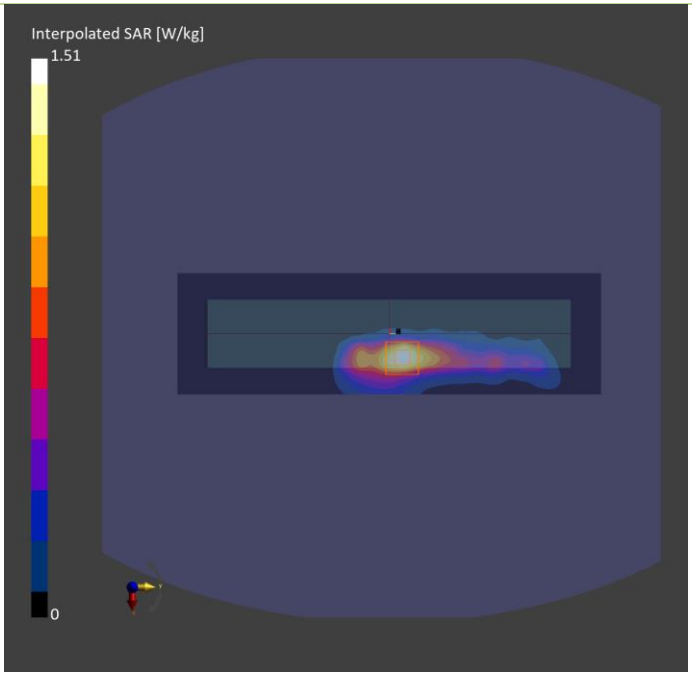
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2118	H34T60N1 , 2022-Oct-20	EX3DV4 - SN7554, 2022-07-28	DAE4 Sn1341, 2022-07-19

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 280.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2022-10-20	2022-10-20
psSAR1g [W/kg]	1.14	1.15
psSAR10g [W/kg]	0.438	0.389
Power Drift [dB]	-0.05	0.01
M2/M1 [%]		62.0
Dist 3dB Peak [mm]		8.9



Measurement Report

P36 WLAN5.8G_802.11n HT40_Right Side_0mm_Ch151_Ant 1

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
CDVB-WTW-P22100074	240.0 x 45.0 x 310.0		Tablet

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	Right Side 0.00	WLAN 5GHz	WLAN, 10599-AAC	5755.0, 151	4.79	5.30	36.3

Hardware Setup

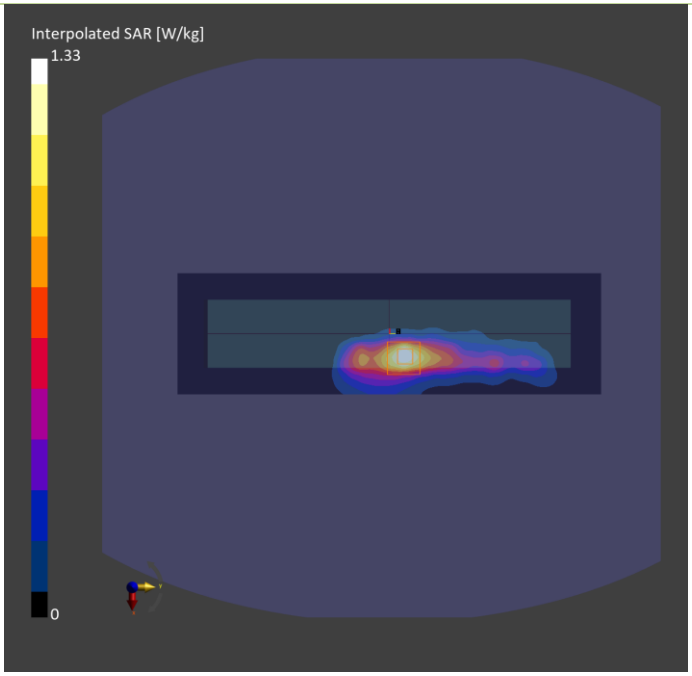
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2118	H34T60N1 , 2022-Oct-20	EX3DV4 - SN7554, 2022-07-28	DAE4 Sn1341, 2022-07-19

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 280.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2022-10-20	2022-10-20
psSAR1g [W/kg]	1.01	1.09
psSAR10g [W/kg]	0.380	0.389
Power Drift [dB]	0.00	-0.02
M2/M1 [%]		63.5
Dist 3dB Peak [mm]		8.7



Measurement Report for Device

P37 BT_BDR_Right Side_0mm_Ch0_Ant 1

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
CDVB-WTW-P22100074	240.0 x 45.0 x 310.0		Tablet

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	Right Side, 0.00	ISM 2.4 GHz Band	Bluetooth, 10032-CAA	2402.0, 0	7.89	1.84	38.5

Hardware Setup

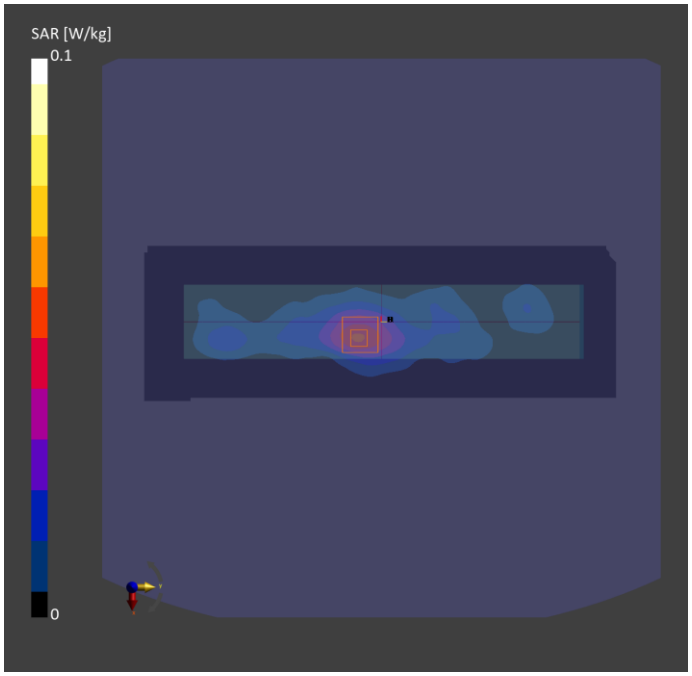
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2105	H19T27N1 , 2022-Oct-19	EX3DV4 - SN7472, 2022-05-27	DAE3 Sn579, 2022-06-01

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	96.0 x 288.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2022-10-19	2022-10-19
psSAR1g [W/kg]	0.047	0.049
psSAR10g [W/kg]	0.025	0.025
Power Drift [dB]	-0.09	0.03
M2/M1 [%]		52.2
Dist 3dB Peak [mm]		12.0



Measurement Report for Device

P38 UNII-5_802.11ax HE160_Right Side_0mm_Ch47_Ant 1

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
CDVB-WTW-P22100074	240.0 x 45.0 x 310.0		Tablet

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Right Side 0.00	U-NII-5	WLAN, 10755-AAC	6185.0, 47	5.45	5.53	35.3

Hardware Setup

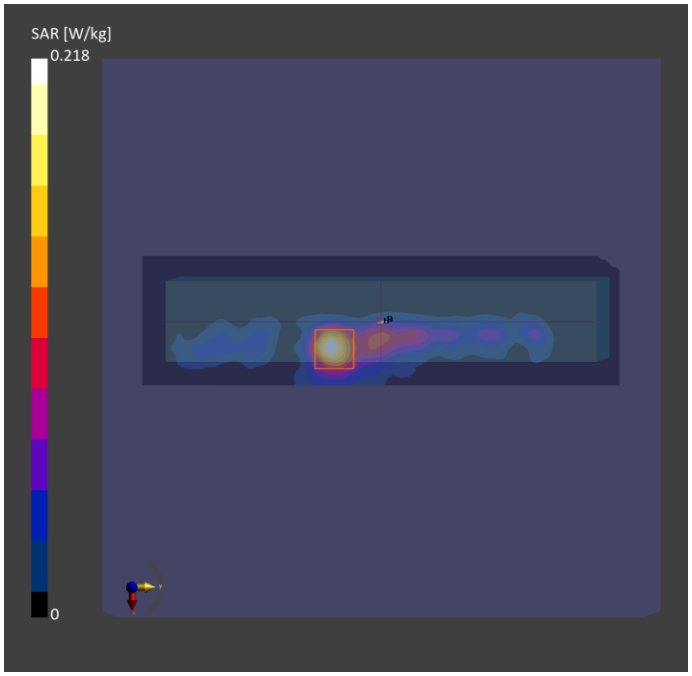
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1245	H50T72N1, 2022-Oct-19	EX3DV4 - SN7537, 2022-04-27	DAE4 Sn1585, 2022-04-21

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	75.0 x 270.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	7.5 x 7.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2022-10-19	2022-10-19
psSAR1g [W/kg]	0.230	0.239
psSAR10g [W/kg]	0.077	0.078
psAPD (1.0cm2, sq) [W/m2]		2.39
psAPD (4.0cm2, sq) [W/m2]		1.78
Power Drift [dB]	-0.10	-0.13
M2/M1 [%]		55.4
Dist 3dB Peak [mm]		7.5



Measurement Report

P38 UNII-5_802.11ax HE160_Right Side_0mm_Ch47_Ant1

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
CDVB-WTW-P22100075	240.0 x 310.0 x 60.0		Tablet

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	Right Side, 0.00	U-NII-5	WLAN, 10755-AAC	6185.0, 47	1.0

Hardware Setup

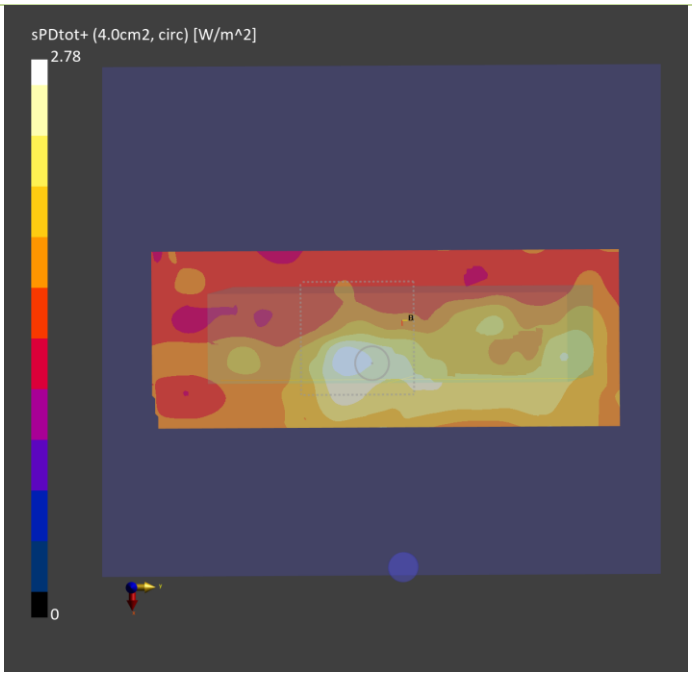
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 1030	---Air	EUmmWV4 - SN9438_F1-55GHz, 2022-07-18	DAE4 Sn1585, 2022-04-21

Scan Setup

	5G Scan
Grid Extents [mm]	97.0 x 97.0
Grid Steps [lambda]	0.0515 x 0.0515
Sensor Surface [mm]	2.0

Measurement Results

	5G Scan
Date	2022-11-08
Avg. Area [cm^2]	4.00
psPDn+ [W/m^2]	1.62
psPDtot+ [W/m^2]	2.78
psPDmod+ [W/m^2]	3.34
E_{max} [V/m]	40.5
Power Drift [dB]	0.03



Appendix D. Maximum Target Conducted Power

The maximum conducted average power (Unit: dBm) including tune-up tolerance is shown as below.

WCDMA Max. Tune-up Power (Full)		
Mode	RMC 12.2K	HSDPA DC-HSDPA HSUPA
	Maximum Target Power	Maximum Target Power
WCDMA Band II	21.6	21.6
WCDMA Band IV	23.1	23.1
WCDMA Band V	23.4	23.4

LTE Max. Tune-up Power (Full)				
Mode	QPSK	16QAM	64QAM	256QAM
	Maximum Target Power	Maximum Target Power	Maximum Target Power	Maximum Target Power
LTE 2	21.5	20.5	19.5	16.5
LTE 4	23.2	22.2	21.2	18.2
LTE 5	23.6	22.6	21.6	18.6
LTE 7	22.0	21.0	20.0	17.0
LTE 12	24.0	23.0	22.0	19.0
LTE 13	24.0	23.0	22.0	19.0
LTE 14	24.0	23.0	22.0	19.0
LTE 17	24.0	23.0	22.0	19.0
LTE 25	21.3	20.3	19.3	16.3
LTE 26	23.9	22.9	21.9	18.9
LTE 38	17.4	16.4	15.4	12.4
LTE 41	17.9	16.9	15.9	12.9
LTE 41_PC2	20.2	19.2	18.2	15.2
LTE 42	24.8	23.8	22.8	19.8
LTE 48	24.8	23.8	22.8	19.8
LTE 66	23.1	22.1	21.1	18.1
LTE 71	24.0	23.0	22.0	19.0

5G NR Max. Tune-up Power (Full)					
DFT-S Mode	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM
	Maximum Target Power	Maximum Target Power	Maximum Target Power	Maximum Target Power	Maximum Target Power
NR 2	22.0	22.0	21.0	19.5	17.5
NR 5	23.9	23.9	22.9	21.4	19.4
NR 66	23.0	23.0	22.0	20.5	18.5
NR 71	24.5	24.5	23.5	22.0	20.0
NR 77	24.5	24.5	23.5	22.0	20.0
NR 78	24.5	24.5	22.1	20.6	18.6

5G NR Max. Tune-up Power (Full)				
CP Mode	QPSK	16QAM	64QAM	256QAM
	Maximum Target Power	Maximum Target Power	Maximum Target Power	Maximum Target Power
NR 2	20.5	20.0	18.5	15.5
NR 5	22.4	21.9	20.4	17.4
NR 66	21.5	21.0	19.5	16.5
NR 71	23.0	22.5	21.0	18.0
NR 77	23.0	22.5	21.0	18.0
NR 78	21.6	21.1	19.6	16.6

Tune-up Power (Full)							
WLAN 2.4GHz							
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up	MIMO Ant 0 Tune up	MIMO Ant 1 Tune up	MIMO Ant 0+1 Max Tune up
802.11b	1	2412	21.00	21.00			
	6	2437	21.00	21.00			
	11	2462	21.00	21.00			
	12	2467	18.50	19.00			
	13	2472	15.50	15.50			
802.11g	1	2412	19.50	19.50			
	6	2437	21.00	21.00			
	11	2462	18.75	18.75			
	12	2467	15.50	15.50			
	13	2472	12.00	12.00			
802.11n HT20	1	2412	18.75	18.50	16.00	16.00	19.00
	6	2437	21.00	21.00	21.00	21.00	24.00
	11	2462	18.75	18.75	17.00	17.00	20.00
	12	2467	15.50	15.50	12.00	12.00	15.00
	13	2472	11.50	12.00	9.50	9.50	12.50
802.11n HT40	3	2422	16.50	16.25	15.50	15.50	18.50
	6	2437	17.50	17.50	16.00	16.00	19.00
	9	2452	17.00	16.00	14.50	14.50	17.50
	10	2457	11.00	11.00	8.50	8.50	11.50
	11	2462	11.00	11.00	9.50	9.50	12.50
802.11ax HE20	1	2412	18.75	18.00	16.00	16.00	19.00
	6	2437	21.00	21.00	20.50	20.50	23.50
	11	2462	18.75	18.75	16.50	16.50	19.50
	12	2467	15.50	15.50	12.50	12.50	15.50
	13	2472	12.00	12.00	10.00	10.00	13.00
802.11ax HE40	3	2422	16.50	16.25	15.50	15.50	18.50
	6	2437	17.00	17.00	15.50	15.50	18.50
	9	2452	17.00	16.00	15.00	15.00	18.00
	10	2457	11.00	11.00	9.50	9.50	12.50
	11	2462	11.00	11.00	10.00	10.00	13.00

Tune-up Power (Full)				
Bluetooth				
Mode	Channel	Frequency		Ant 1 Max Tune-up
BR / EDR	0	2402		10.50
	39	2441		10.50
	78	2480		10.50
LE	0	2402		9.00
	19	2440		9.00
	39	2480		9.00

Tune-up Power (Full)							
WLAN 5.2GHz							
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up	MIMO Ant 0 Tune up	MIMO Ant 1 Tune up	MIMO Ant 0+1 Max Tune up
802.11a	36	5180	20.00	19.00			
	40	5200	21.00	20.00			
	44	5220	21.00	20.00			
	48	5240	21.00	20.00			
802.11n HT20	36	5180	19.25	18.00	17.00	17.00	20.00
	40	5200	21.00	20.00	18.00	18.00	21.00
	44	5220	21.00	20.00	18.00	18.00	21.00
	48	5240	21.00	20.00	18.00	18.00	21.00
802.11n HT40	38	5190	19.00	17.50	16.50	16.50	19.50
	46	5230	21.00	20.00	19.50	19.50	22.50
802.11ac VHT80	42	5210	19.00	17.00	16.50	16.50	19.50
802.11ax HE20	36	5180	19.50	19.00	18.00	18.00	21.00
	40	5200	21.00	20.00	19.00	19.00	22.00
	44	5220	20.50	20.00	18.50	18.50	21.50
	48	5240	21.00	20.00	19.00	19.00	22.00
802.11ax HE40	38	5190	19.50	17.50	15.50	15.50	18.50
	46	5230	21.00	19.00	19.00	19.00	22.00
802.11ax HE80	42	5210	19.50	17.50	16.50	16.50	19.50

Tune-up Power (Full)							
WLAN 5.3GHz							
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up	MIMO Ant 0 Tune up	MIMO Ant 1 Tune up	MIMO Ant 0+1 Max Tune up
802.11a	52	5260	21.00	20.00			
	56	5280	21.00	20.00			
	60	5300	20.50	19.00			
	64	5320	20.50	19.00			
802.11n HT20	52	5260	21.00	20.00	18.50	18.50	21.50
	56	5280	21.00	20.00	18.50	18.50	21.50
	60	5300	20.50	19.00	17.50	17.50	20.50
	64	5320	20.50	19.00	17.50	17.50	20.50
802.11n HT40	54	5270	21.00	20.00	20.00	20.00	23.00
	62	5310	18.00	16.50	16.50	16.50	19.50
802.11ac VHT80	58	5290	17.75	18.00	16.50	16.50	19.50
802.11ac VHT160	50	5250	16.50	15.00	13.00	13.00	16.00
802.11ax HE20	52	5260	21.00	20.00	19.00	19.00	22.00
	56	5280	20.00	20.00	19.00	19.00	22.00
	60	5300	20.00	19.00	17.00	17.00	20.00
	64	5320	20.50	19.00	17.00	17.00	20.00
802.11ax HE40	54	5270	21.00	20.00	19.50	19.50	22.50
	62	5310	18.00	17.00	16.00	16.00	19.00
802.11ax HE80	58	5290	17.75	17.50	16.00	16.00	19.00
802.11ax HE160	50	5250	16.00	14.50	13.00	13.00	16.00

Tune-up Power (Full)							
WLAN 5.6GHz							
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up	MIMO Ant 0 Tune up	MIMO Ant 1 Tune up	MIMO Ant 0+1 Max Tune up
802.11a	100	5500	20.50	19.50			
	116	5580	20.00	19.50			
	120	5600	21.00	19.50			
	124	5620	20.00	19.50			
	132	5660	20.00	19.50			
	140	5700	20.50	19.50			
	144	5720	19.50	19.50			
802.11n HT20	100	5500	20.50	19.50	18.50	18.50	21.50
	116	5580	20.00	19.50	18.50	18.50	21.50
	120	5600	21.00	19.50	18.50	18.50	21.50
	124	5620	20.00	19.50	18.50	18.50	21.50
	132	5660	20.00	19.50	18.50	18.50	21.50
	140	5700	20.00	19.50	18.50	18.50	21.50
	144	5720	20.00	19.50	17.00	17.00	20.00
802.11n HT40	102	5510	19.50	17.00	17.50	17.50	20.50
	110	5550	19.50	17.00	17.50	17.50	20.50
	118	5590	21.00	19.50	19.50	19.50	22.50
	126	5630	20.50	19.50	19.50	19.50	22.50
	134	5670	20.50	19.50	19.50	19.50	22.50
	142	5710	21.00	19.50	18.00	18.00	21.00
802.11ac VHT80	106	5530	19.50	18.00	17.50	17.50	20.50
	122	5610	21.00	19.50	19.00	19.00	22.00
	138	5690	21.00	19.50	18.00	18.00	21.00
802.11ac VHT160	114	5570	16.00	16.00	14.00	14.00	17.00
802.11ax HE20	100	5500	20.00	19.50	19.00	19.00	22.00
	116	5580	20.00	19.50	18.50	18.50	21.50
	120	5600	21.00	19.50	19.00	19.00	22.00
	124	5620	20.00	19.50	18.50	18.50	21.50
	132	5660	20.00	19.50	18.50	18.50	21.50
	140	5700	20.50	19.50	19.00	19.00	22.00
	144	5720	20.50	19.50	17.50	17.50	20.50
802.11ax HE40	102	5510	19.50	18.50	17.00	17.00	20.00
	110	5550	19.50	18.50	17.00	17.00	20.00
	118	5590	21.00	19.50	19.50	19.50	22.50
	126	5630	20.50	19.50	19.50	19.50	22.50
	134	5670	20.50	19.50	19.50	19.50	22.50
	142	5710	21.00	19.50	17.50	17.50	20.50
802.11ax HE80	106	5530	19.00	18.00	17.50	17.50	20.50
	122	5610	21.00	19.50	19.00	19.00	22.00
	138	5690	21.00	19.50	18.00	18.00	21.00
802.11ax HE160	114	5570	15.50	16.00	15.00	15.00	18.00

Tune-up Power (Full)							
WLAN 5.8GHz							
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up	MIMO Ant 0 Tune up	MIMO Ant 1 Tune up	MIMO Ant 0+1 Max Tune up
802.11a	149	5745	21.00	19.50			
	153	5765	21.00	19.50			
	157	5785	21.00	19.50			
	161	5805	21.00	19.50			
	165	5825	21.00	19.50			
802.11n HT20	149	5745	21.00	19.50	19.50	19.50	22.50
	153	5765	21.00	19.50	19.50	19.50	22.50
	157	5785	21.00	19.50	19.50	19.50	22.50
	161	5805	21.00	19.50	19.50	19.50	22.50
	165	5825	21.00	19.50	19.50	19.50	22.50
802.11n HT40	151	5755	21.50	19.50	19.50	19.50	22.50
	159	5795	21.00	19.50	19.50	19.50	22.50
802.11ac VHT80	155	5775	20.00	18.50	18.50	18.50	21.50
802.11ax HE20	149	5745	21.00	19.50	19.50	19.50	22.50
	153	5765	21.00	19.50	19.50	19.50	22.50
	157	5785	21.00	19.50	19.50	19.50	22.50
	161	5805	20.50	19.50	19.50	19.50	22.50
	165	5825	21.00	19.50	19.50	19.50	22.50
802.11ax HE40	151	5755	21.00	19.50	19.50	19.50	22.50
	159	5795	21.00	19.50	19.50	19.50	22.50
802.11ax HE80	155	5775	20.00	18.50	18.50	18.50	21.50

Tune-up Power (Full)							
UNII-5							
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up	MIMO Ant 0 Tune up	MIMO Ant 1 Tune up	MIMO Ant 0+1 Max Tune up
802.11ax HE20	1	5955	5.00	5.00	1.50	1.50	4.50
	5	5975	5.00	5.00	1.50	1.50	4.50
	9	5995	5.00	5.00	1.50	1.50	4.50
	13	6015	5.00	5.00	1.50	1.50	4.50
	17	6035	5.00	5.00	1.50	1.50	4.50
	21	6055	5.00	5.00	1.50	1.50	4.50
	25	6075	5.00	5.00	1.50	1.50	4.50
	29	6095	5.00	5.00	1.50	1.50	4.50
	33	6115	5.00	5.00	1.50	1.50	4.50
	37	6135	5.00	5.00	1.50	1.50	4.50
	41	6155	5.00	5.00	1.50	1.50	4.50
	45	6175	5.00	5.00	1.50	1.50	4.50
	49	6195	5.00	5.00	1.50	1.50	4.50
	53	6215	5.00	5.00	1.50	1.50	4.50
	57	6235	5.00	5.00	1.50	1.50	4.50
	61	6255	5.00	5.00	1.50	1.50	4.50
	65	6275	5.00	5.00	1.50	1.50	4.50
	69	6295	5.00	5.00	1.50	1.50	4.50
	73	6315	5.00	5.00	1.50	1.50	4.50
	77	6335	5.00	5.00	1.50	1.50	4.50
	81	6355	5.00	5.00	1.50	1.50	4.50
	85	6375	5.00	5.00	1.50	1.50	4.50
	89	6395	5.00	5.00	1.50	1.50	4.50
	93	6415	5.00	5.00	1.50	1.50	4.50
802.11ax HE40	3	5965	8.00	8.00	4.50	4.50	7.50
	11	6005	8.00	8.00	4.50	4.50	7.50
	19	6045	8.00	8.00	4.50	4.50	7.50
	27	6085	8.00	8.00	4.50	4.50	7.50
	35	6125	8.00	8.00	4.50	4.50	7.50
	43	6165	8.00	8.00	4.50	4.50	7.50
	51	6205	8.00	8.00	4.50	4.50	7.50
	59	6245	8.00	8.00	4.50	4.50	7.50
	67	6285	8.00	8.00	4.50	4.50	7.50
	75	6325	8.00	8.00	4.50	4.50	7.50
	83	6365	8.00	8.00	4.50	4.50	7.50
	91	6405	8.00	8.00	4.50	4.50	7.50
802.11ax HE80	7	5985	10.50	10.50	7.00	7.00	10.00
	23	6065	10.50	10.50	7.00	7.00	10.00
	39	6145	10.50	10.50	7.00	7.00	10.00
	55	6225	10.50	10.50	7.00	7.00	10.00
	71	6305	10.50	10.50	7.00	7.00	10.00
	87	6385	10.50	10.50	7.00	7.00	10.00
802.11ax HE160	15	6025	13.50	13.50	10.50	10.50	13.50
	47	6185	13.50	13.50	10.50	10.50	13.50
	79	6345	13.50	13.50	10.50	10.50	13.50

Tune-up Power (Full)							
UNII-6							
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up	MIMO Ant 0 Tune up	MIMO Ant 1 Tune up	MIMO Ant 0+1 Max Tune up
802.11ax HE20	97	6435	5.00	5.00	2.00	2.00	5.00
	101	6455	5.00	5.00	2.00	2.00	5.00
	105	6475	5.00	5.00	2.00	2.00	5.00
	109	6495	5.00	5.00	2.00	2.00	5.00
	113	6515	5.00	5.00	2.00	2.00	5.00
	117	6535	5.00	5.00	2.00	2.00	5.00
802.11ax HE40	99	6445	8.00	8.00	5.00	5.00	8.00
	107	6485	8.00	8.00	5.00	5.00	8.00
	115	6525	8.00	8.00	5.00	5.00	8.00
802.11ax HE80	103	6465	10.50	10.50	7.50	7.50	10.50
	119	6545	10.50	10.50	7.50	7.50	10.50
802.11ax HE160	111	6505	13.50	13.50	10.50	10.50	13.50

Tune-up Power (Full)							
UNII-7							
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up	MIMO Ant 0 Tune up	MIMO Ant 1 Tune up	MIMO Ant 0+1 Max Tune up
802.11ax HE20	121	6555	5.00	5.00	1.50	1.50	4.50
	125	6575	5.00	5.00	1.50	1.50	4.50
	129	6595	5.00	5.00	1.50	1.50	4.50
	133	6615	5.00	5.00	1.50	1.50	4.50
	137	6635	5.00	5.00	1.50	1.50	4.50
	141	6655	5.00	5.00	1.50	1.50	4.50
	145	6675	5.00	5.00	1.50	1.50	4.50
	149	6695	5.00	5.00	1.50	1.50	4.50
	153	6715	5.00	5.00	1.50	1.50	4.50
	157	6735	5.00	5.00	1.50	1.50	4.50
	161	6755	5.00	5.00	1.50	1.50	4.50
	165	6775	5.00	5.00	1.50	1.50	4.50
	169	6795	5.00	5.00	1.50	1.50	4.50
	173	6815	5.00	5.00	1.50	1.50	4.50
	177	6835	5.00	5.00	1.50	1.50	4.50
	181	6855	5.00	5.00	1.50	1.50	4.50
	185	6875	5.00	5.00	1.50	1.50	4.50
802.11ax HE40	123	6565	8.00	8.00	5.00	5.00	8.00
	131	6605	8.00	8.00	5.00	5.00	8.00
	139	6645	8.00	8.00	5.00	5.00	8.00
	147	6685	8.00	8.00	5.00	5.00	8.00
	155	6725	8.00	8.00	5.00	5.00	8.00
	163	6765	8.00	8.00	5.00	5.00	8.00
	171	6805	8.00	8.00	5.00	5.00	8.00
	179	6845	8.00	8.00	5.00	5.00	8.00
	187	6885	8.00	8.00	5.00	5.00	8.00
802.11ax HE80	135	6625	10.00	10.50	7.00	7.00	10.00
	151	6705	10.00	10.50	7.00	7.00	10.00
	167	6785	10.00	10.50	7.00	7.00	10.00
	183	6865	10.00	10.50	7.00	7.00	10.00
802.11ax HE160	143	6665	13.50	13.50	10.50	10.50	13.50
	175	6825	13.50	13.50	10.50	10.50	13.50

Tune-up Power (Full)							
UNII-8							
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up	MIMO Ant 0 Tune up	MIMO Ant 1 Tune up	MIMO Ant 0+1 Max Tune up
802.11ax HE20	189	6895	4.50	5.00	1.50	1.50	4.50
	193	6915	4.50	5.00	1.50	1.50	4.50
	197	6935	4.50	5.00	1.50	1.50	4.50
	201	6955	4.50	5.00	1.50	1.50	4.50
	205	6975	4.50	5.00	1.50	1.50	4.50
	209	6995	4.50	5.00	1.50	1.50	4.50
	213	7015	4.50	5.00	1.50	1.50	4.50
	217	7035	4.50	5.00	1.50	1.50	4.50
	221	7055	4.50	5.00	1.50	1.50	4.50
	225	7075	4.50	5.00	1.50	1.50	4.50
	229	7095	4.50	5.00	1.50	1.50	4.50
	233	7115	1.00	1.00	-2.00	-2.00	1.00
802.11ax HE40	195	6925	8.00	8.00	5.00	5.00	8.00
	203	6965	8.00	8.00	5.00	5.00	8.00
	211	7005	8.00	8.00	5.00	5.00	8.00
	219	7045	8.00	8.00	5.00	5.00	8.00
	227	7085	8.00	8.00	5.00	5.00	8.00
802.11ax HE80	199	6945	10.50	10.50	7.50	7.50	10.50
	215	7025	10.50	10.50	7.50	7.50	10.50
802.11ax HE160	207	6985	13.50	13.50	10.50	10.50	13.50