

Annex 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: 2022/01/27

S01 System Check_H1900_220127

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

Communication System: UID 0, CW; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: H16T20N1_0127 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.463$ S/m; $\epsilon_r = 38.834$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C ; Liquid Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7537; ConvF(8.27, 8.27, 8.27) @ 1900 MHz; Calibrated: 2021/04/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2021/04/15
- Phantom: Twin-SAM V8.0_1988; Type: QD 000 P41 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) = 3.04 W/kg

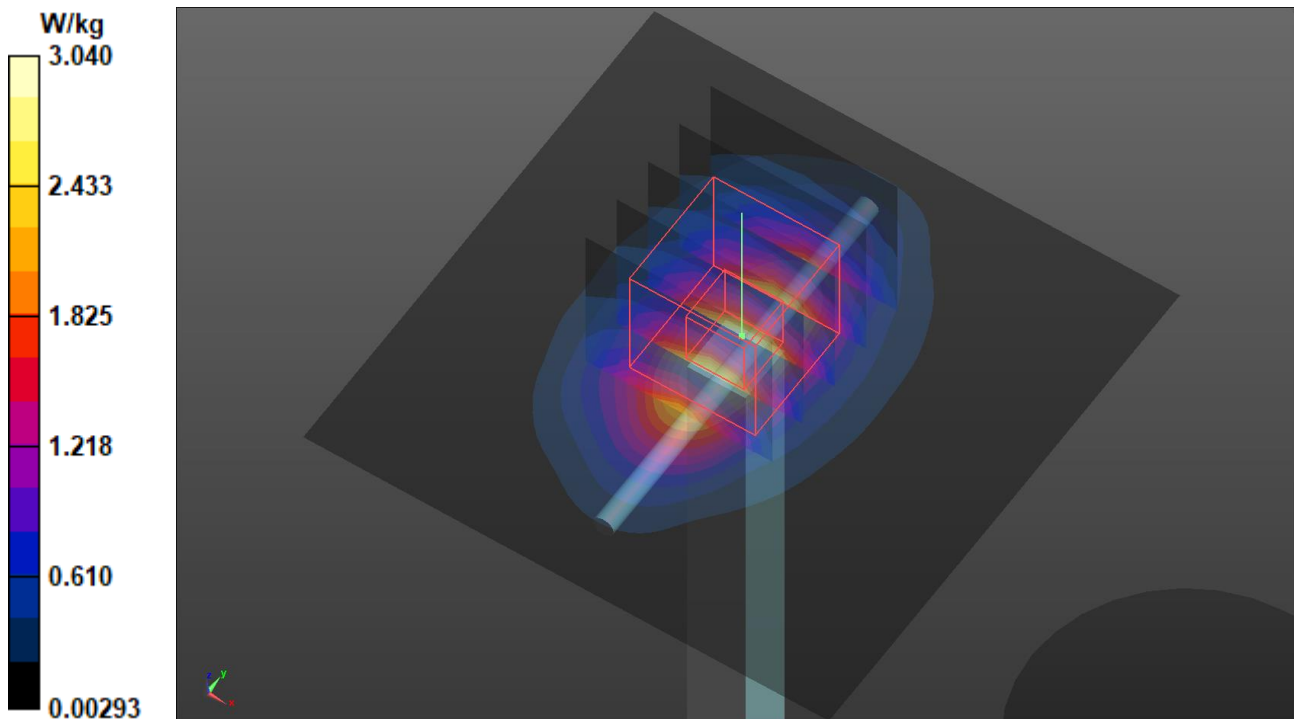
Pin=50mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 45.12 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 3.62 W/kg

SAR(1 g) = 1.91 W/kg; SAR(10 g) = 1.02 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 3.05 W/kg



Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/01/27

S02 System Check_H835_220127

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

Communication System: UID 0, CW; Frequency: 835 MHz; Duty Cycle: 1:1

Medium: H07T10N1_0127 Medium parameters used: $f = 835$ MHz; $\sigma = 0.934$ S/m; $\epsilon_r = 40.295$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C ; Liquid Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7537; ConvF(10.5, 10.5, 10.5) @ 835 MHz; Calibrated: 2021/04/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2021/04/15
- Phantom: Twin-SAM V8.0_1988; Type: QD 000 P41 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) = 0.641 W/kg

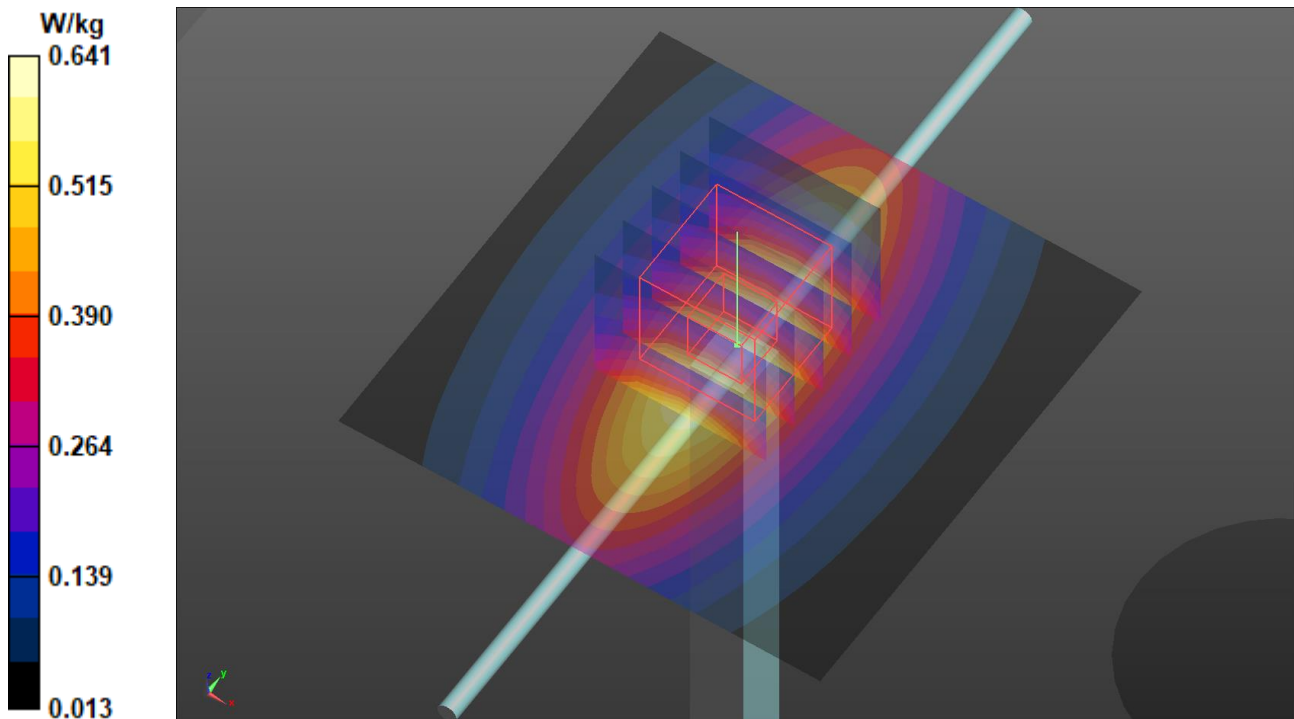
Pin=50mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.84 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.699 W/kg

SAR(1 g) = 0.450 W/kg; SAR(10 g) = 0.298 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.620 W/kg



Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/01/26

S03 System Check_H750_220126

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

Communication System: UID 0, CW; Frequency: 750 MHz; Duty Cycle: 1:1

Medium: H06T09N1_0126 Medium parameters used: $f = 750$ MHz; $\sigma = 0.902$ S/m; $\epsilon_r = 41.563$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7537; ConvF(10.69, 10.69, 10.69) @ 750 MHz; Calibrated: 2021/04/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2021/04/15
- Phantom: Twin-SAM V8.0_1988; Type: QD 000 P41 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) = 0.526 W/kg

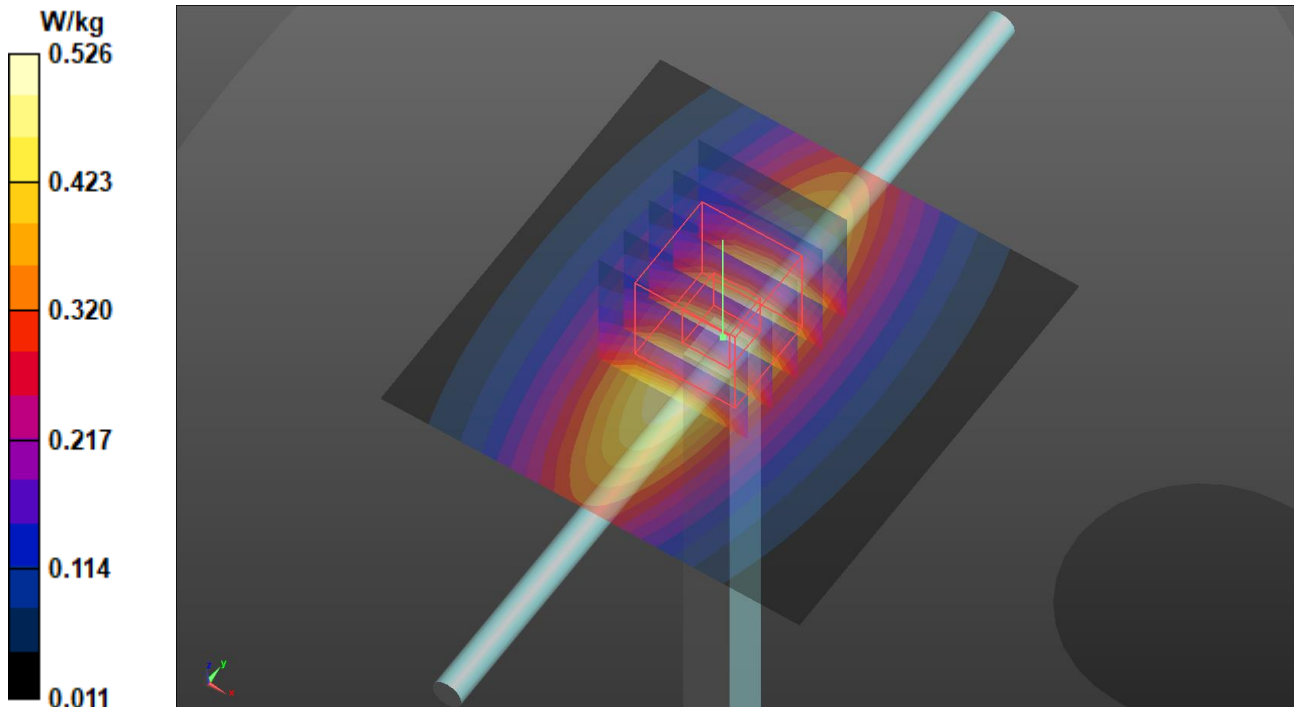
Pin=50mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.46 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.591 W/kg

SAR(1 g) = 0.394 W/kg; SAR(10 g) = 0.260 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.529 W/kg



Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/01/26

S04 System Check_H750_220126

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

Communication System: UID 0, CW; Frequency: 750 MHz; Duty Cycle: 1:1

Medium: H06T09N1_0126 Medium parameters used: $f = 750$ MHz; $\sigma = 0.902$ S/m; $\epsilon_r = 41.563$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7537; ConvF(10.69, 10.69, 10.69) @ 750 MHz; Calibrated: 2021/04/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2021/04/15
- Phantom: Twin-SAM V8.0_1988; Type: QD 000 P41 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) = 0.526 W/kg

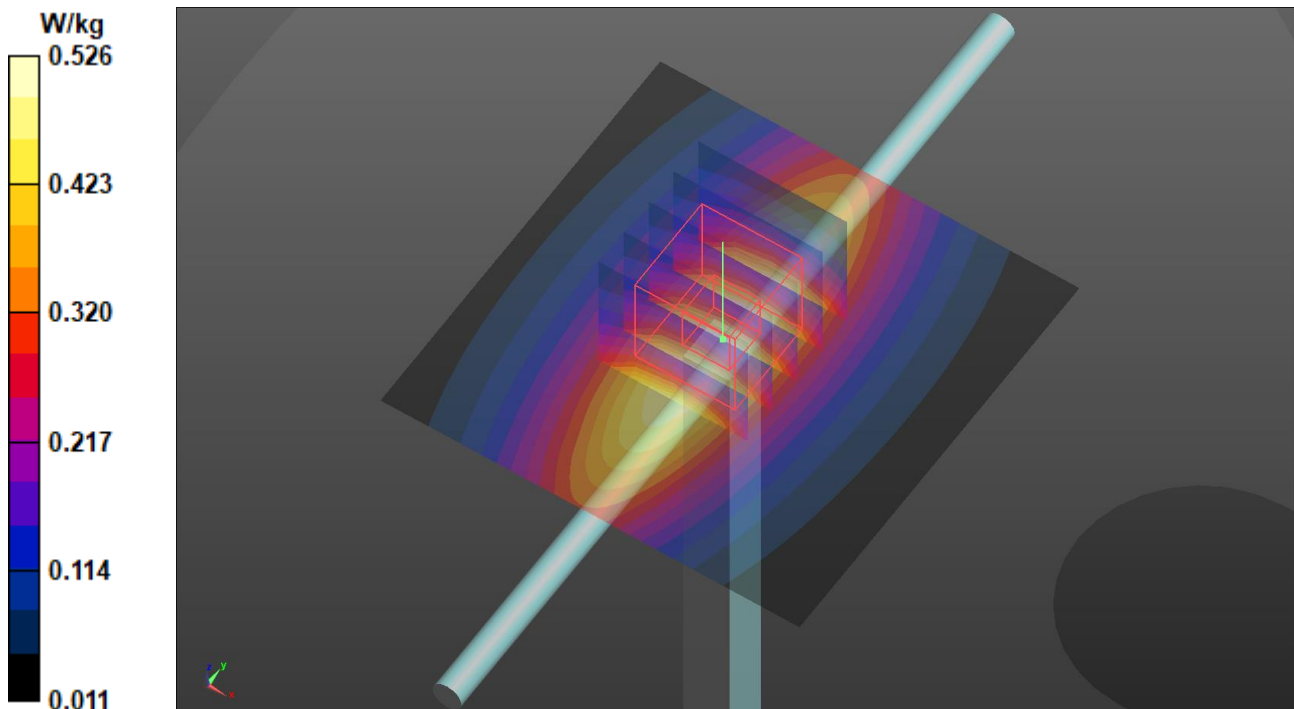
Pin=50mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.46 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.591 W/kg

SAR(1 g) = 0.394 W/kg; SAR(10 g) = 0.260 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.529 W/kg



Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/01/27

S05 System Check_H1750_220127

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

Communication System: UID 0, CW; Frequency: 1750 MHz; Duty Cycle: 1:1

Medium: H16T20N1_0127 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.372$ S/m; $\epsilon_r = 39.099$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C ; Liquid Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7537; ConvF(8.55, 8.55, 8.55) @ 1750 MHz; Calibrated: 2021/04/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2021/04/15
- Phantom: Twin-SAM V8.0_1988; Type: QD 000 P41 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) = 2.80 W/kg

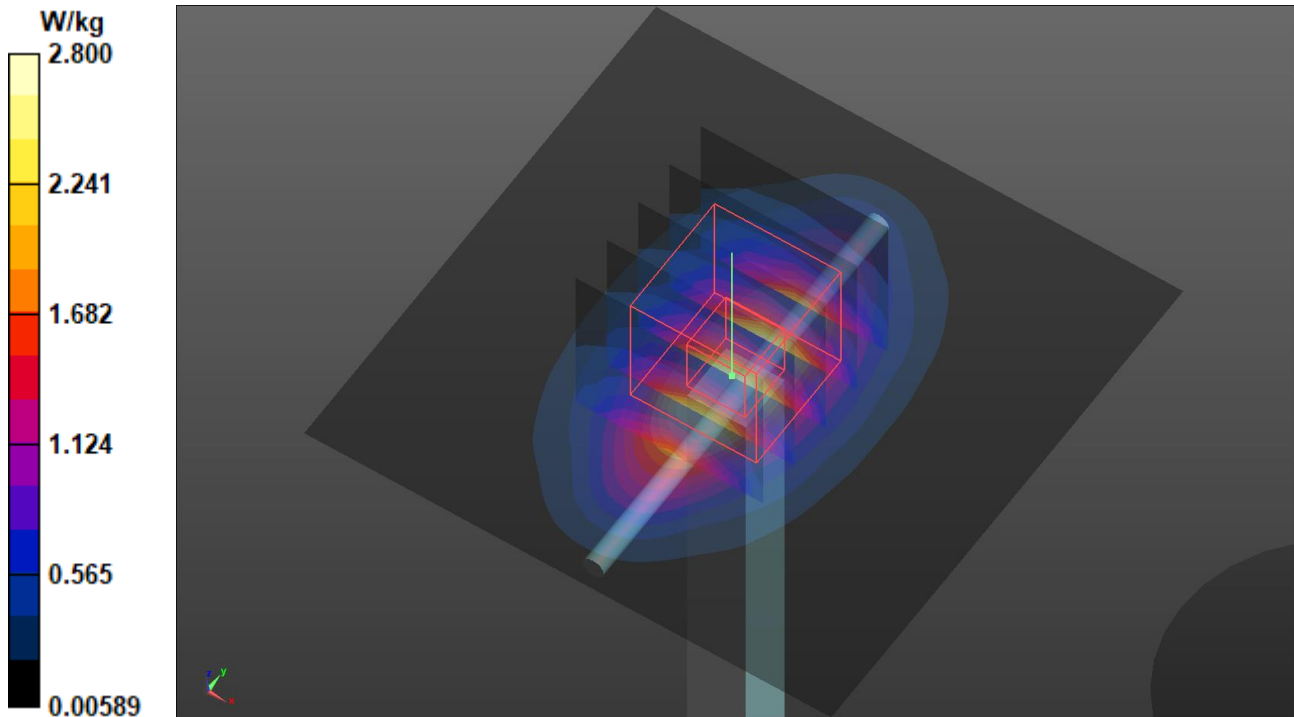
Pin=50mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 46.57 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 3.35 W/kg

SAR(1 g) = 1.79 W/kg; SAR(10 g) = 0.956 W/kg (SAR corrected for target medium)

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



Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/01/26

S06 System Check_H2450_220126

DUT: Dipole 2450 MHz; Type: D2450V2; SN: 737

Communication System: UID 0, CW; Frequency: 2450 MHz; Duty Cycle: 1:1

Medium: H19T27N1_0126 Medium parameters used (interpolated): $f = 2450$ MHz; $\sigma = 1.869$ S/m; $\epsilon_r = 39.986$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7537; ConvF(7.61, 7.61, 7.61) @ 2450 MHz; Calibrated: 2021/04/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2021/04/15
- Phantom: Twin-SAM V8.0_1988; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

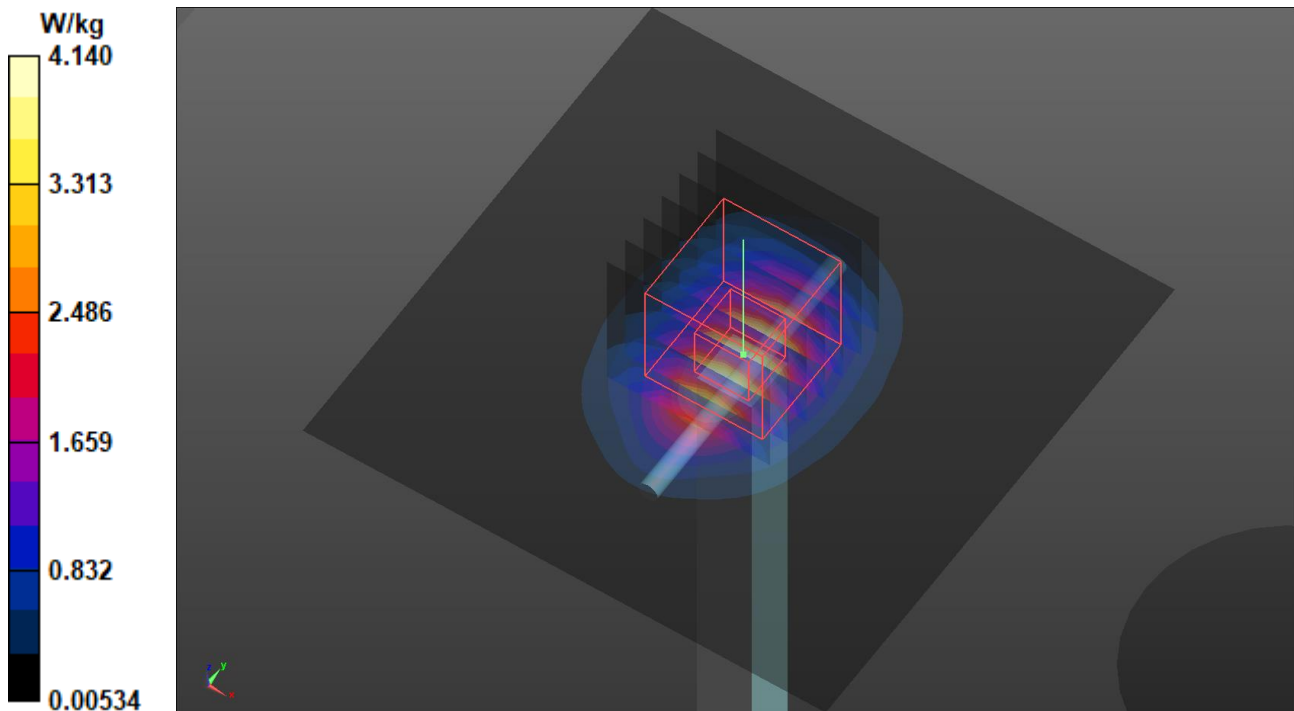
Pin=50mW/Area Scan (81x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 4.14 W/kg

Pin=50mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 48.87 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 5.11 W/kg

SAR(1 g) = 2.44 W/kg; SAR(10 g) = 1.15 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 4.14 W/kg



Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/01/26

S07 System Check_H5250_220126

DUT: Dipole 5 GHz; Type: D5GHzV2; SN: 1019

Communication System: UID 0, CW; Frequency: 5250 MHz; Duty Cycle: 1:1

Medium: H34T60N1_0126 Medium parameters used: $f = 5250$ MHz; $\sigma = 4.78$ S/m; $\epsilon_r = 35.347$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7537; ConvF(5.5, 5.5, 5.5) @ 5250 MHz; Calibrated: 2021/04/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2021/04/15
- Phantom: Twin-SAM V8.0_1988; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Pin=50mW/Area Scan (91x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 8.98 W/kg

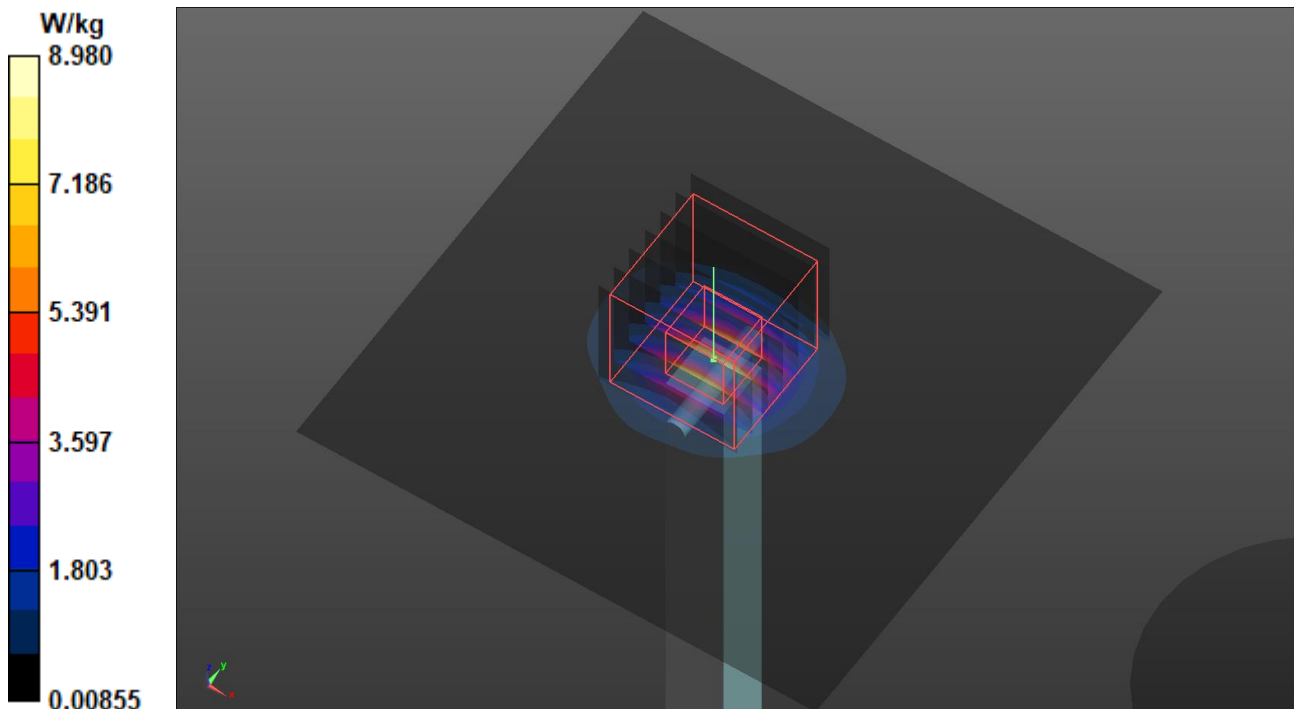
Pin=50mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 48.15 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 14.9 W/kg

SAR(1 g) = 3.84 W/kg; SAR(10 g) = 1.15 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 9.47 W/kg



Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/01/26

S08 System Check_H5600_220126

DUT: Dipole 5 GHz; Type: D5GHzV2; SN: 1019

Communication System: UID 0, CW; Frequency: 5600 MHz; Duty Cycle: 1:1

Medium: H34T60N1_0126 Medium parameters used: $f = 5600$ MHz; $\sigma = 5.159$ S/m; $\epsilon_r = 34.746$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7537; ConvF(4.8, 4.8, 4.8) @ 5600 MHz; Calibrated: 2021/04/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2021/04/15
- Phantom: Twin-SAM V8.0_1988; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Pin=50mW/Area Scan (91x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 10.2 W/kg

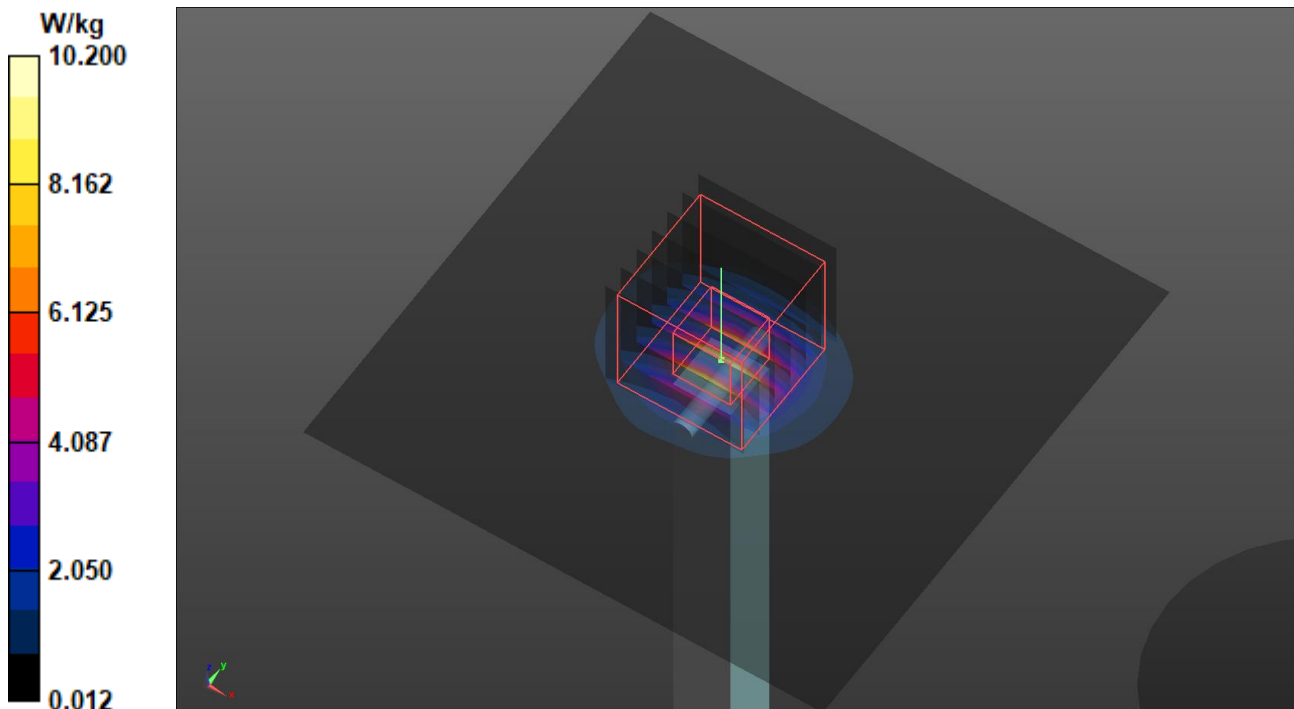
Pin=50mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 49.10 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 17.8 W/kg

SAR(1 g) = 4.18 W/kg; SAR(10 g) = 1.24 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 10.8 W/kg



Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/01/26

S09 System Check_H5750_220126

DUT: Dipole 5 GHz; Type: D5GHzV2; SN: 1019

Communication System: UID 0, CW; Frequency: 5750 MHz; Duty Cycle: 1:1

Medium: H34T60N1_0126 Medium parameters used: $f = 5750$ MHz; $\sigma = 5.313$ S/m; $\epsilon_r = 34.366$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7537; ConvF(4.95, 4.95, 4.95) @ 5750 MHz; Calibrated: 2021/04/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2021/04/15
- Phantom: Twin-SAM V8.0_1988; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Pin=50mW/Area Scan (91x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 8.96 W/kg

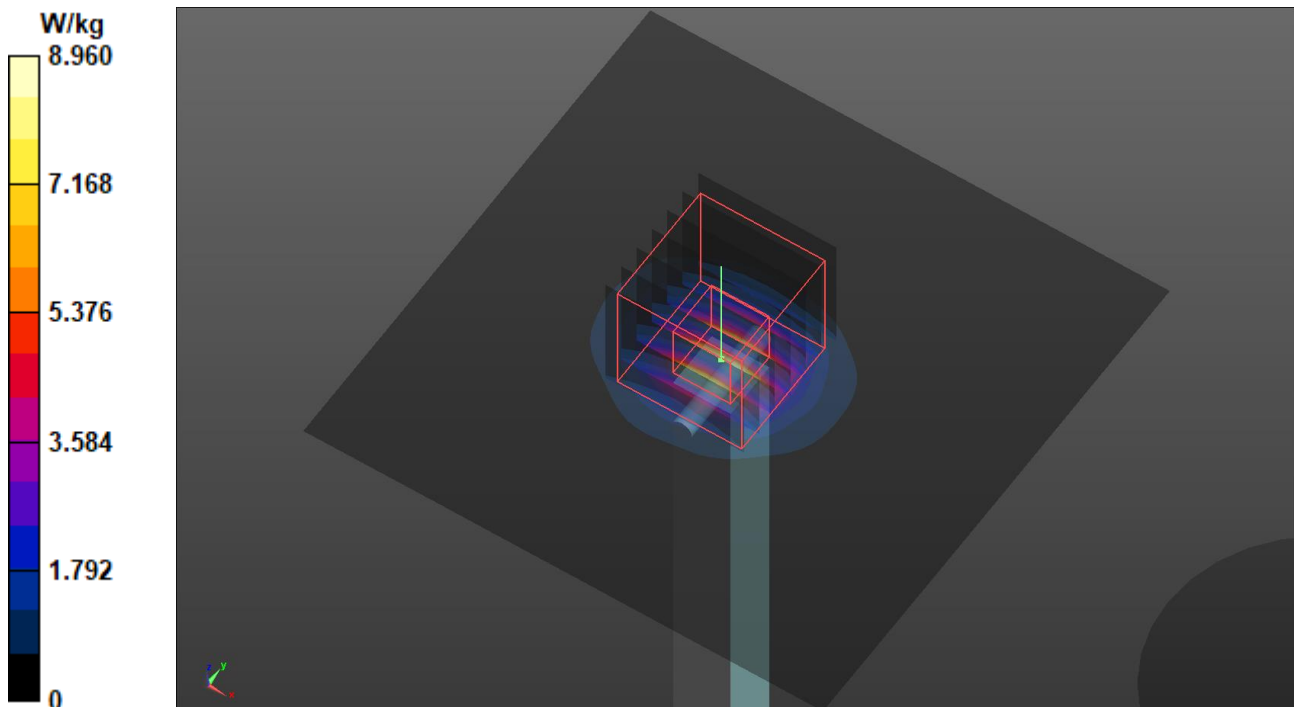
Pin=50mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 46.18 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 16.9 W/kg

SAR(1 g) = 3.76 W/kg; SAR(10 g) = 1.11 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 9.87 W/kg



Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/01/26

S10 System Check_H2450_220126

DUT: Dipole 2450 MHz; Type: D2450V2; SN: 737

Communication System: UID 0, CW; Frequency: 2450 MHz; Duty Cycle: 1:1

Medium: H19T27N1_0126 Medium parameters used (interpolated): $f = 2450$ MHz; $\sigma = 1.869$ S/m; $\epsilon_r = 39.986$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7537; ConvF(7.61, 7.61, 7.61) @ 2450 MHz; Calibrated: 2021/04/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2021/04/15
- Phantom: Twin-SAM V8.0_1988; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

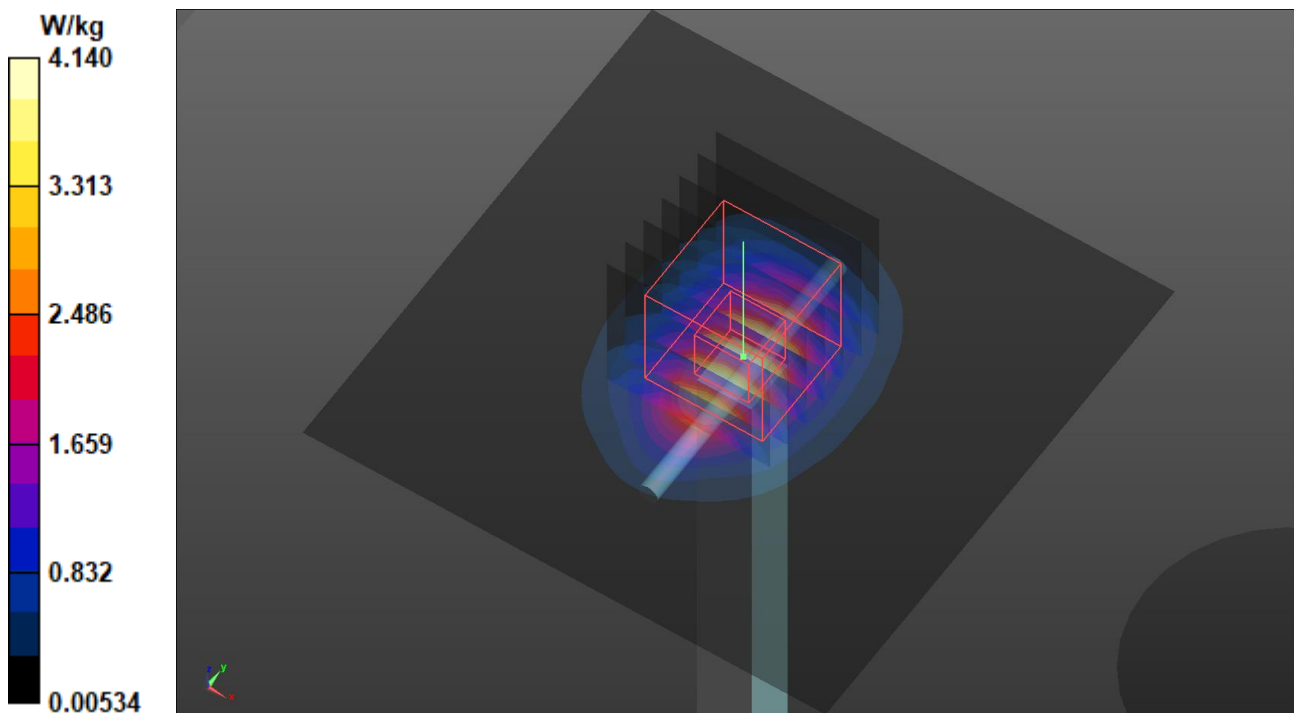
Pin=50mW/Area Scan (81x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 4.14 W/kg

Pin=50mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 48.87 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 5.11 W/kg

SAR(1 g) = 2.44 W/kg; SAR(10 g) = 1.15 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 4.14 W/kg



Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/01/27

S11 System Check_H1900_220127

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

Communication System: UID 0, CW; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: H16T20N1_0127 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.463$ S/m; $\epsilon_r = 38.834$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C ; Liquid Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7537; ConvF(8.27, 8.27, 8.27) @ 1900 MHz; Calibrated: 2021/04/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2021/04/15
- Phantom: Twin-SAM V8.0_1988; Type: QD 000 P41 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) = 3.04 W/kg

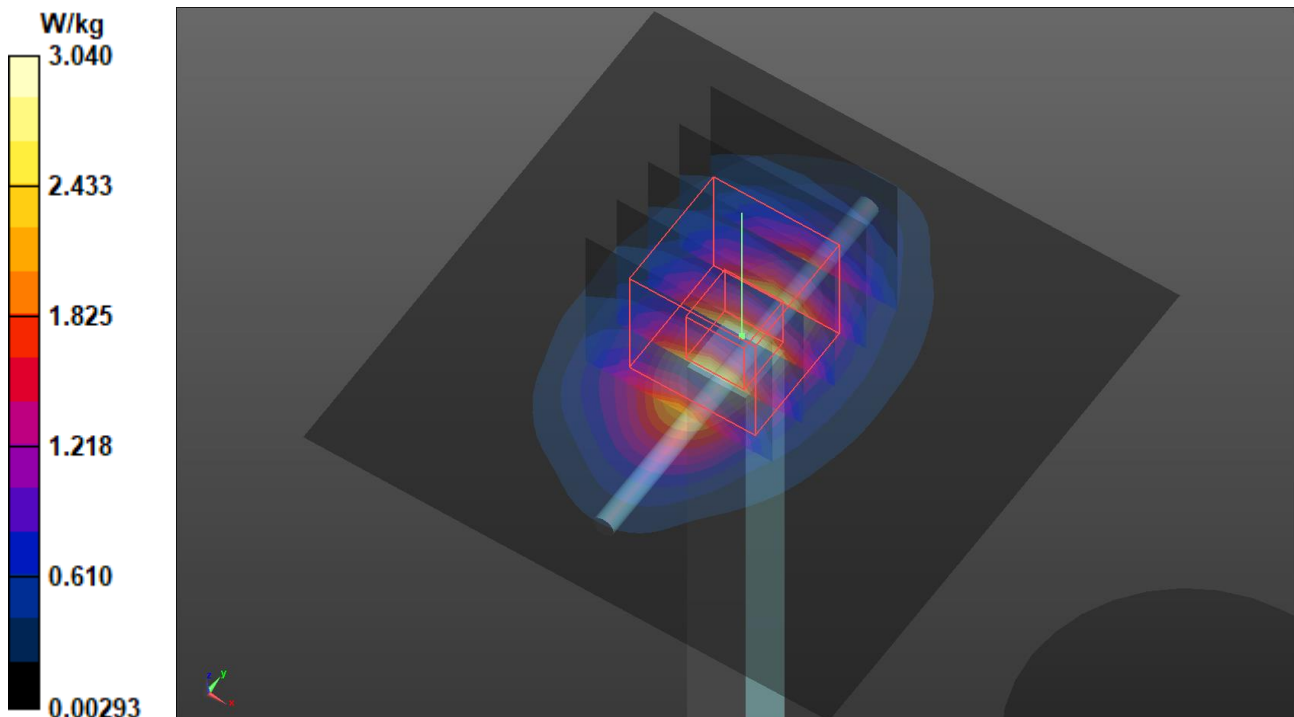
Pin=50mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 45.12 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 3.62 W/kg

SAR(1 g) = 1.91 W/kg; SAR(10 g) = 1.02 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 3.05 W/kg



Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/01/28

S12 System Check_H835_220128

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

Communication System: UID 0, CW; Frequency: 835 MHz; Duty Cycle: 1:1

Medium: H07T10N1_0128 Medium parameters used: $f = 835$ MHz; $\sigma = 0.935$ S/m; $\epsilon_r = 40.685$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7537; ConvF(10.5, 10.5, 10.5) @ 835 MHz; Calibrated: 2021/04/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2021/04/15
- Phantom: Twin-SAM V8.0_1988; Type: QD 000 P41 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) = 0.641 W/kg

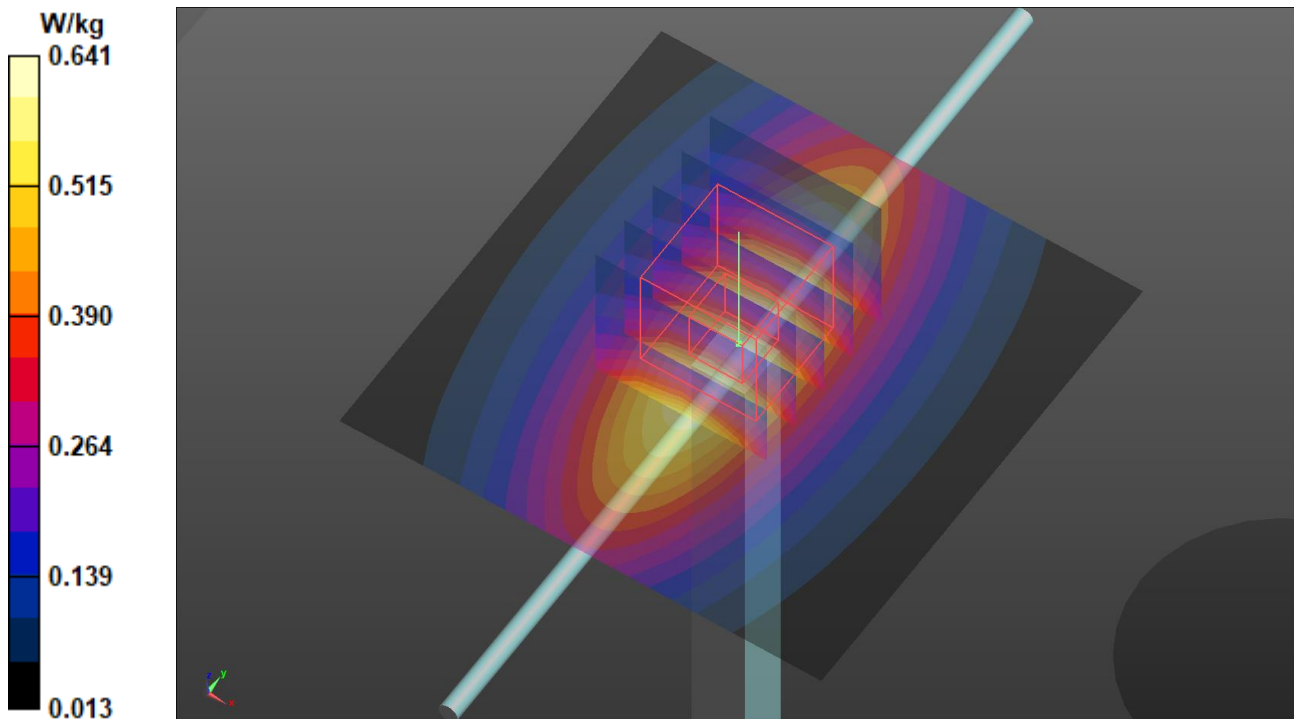
Pin=50mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.84 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.700 W/kg

SAR(1 g) = 0.451 W/kg; SAR(10 g) = 0.298 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.621 W/kg



Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/01/28

S13 System Check_H750_220128

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

Communication System: UID 0, CW; Frequency: 750 MHz; Duty Cycle: 1:1

Medium: H06T09N1_0128 Medium parameters used: $f = 750 \text{ MHz}$; $\sigma = 0.903 \text{ S/m}$; $\epsilon_r = 41.481$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $23.6 \text{ }^\circ\text{C}$; Liquid Temperature : $23.3 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN7537; ConvF(10.69, 10.69, 10.69) @ 750 MHz; Calibrated: 2021/04/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2021/04/15
- Phantom: Twin-SAM V8.0_1988; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Pin=50mW/Area Scan (61x61x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.527 W/kg

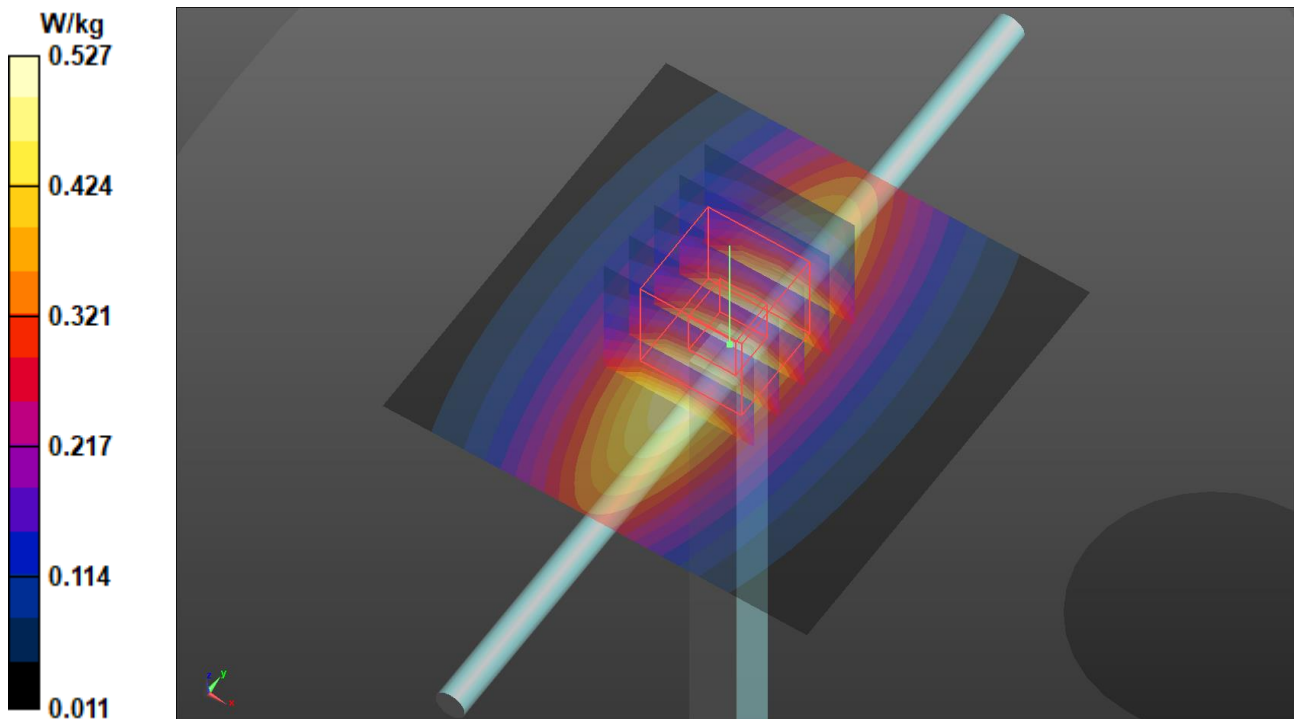
Pin=50mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 25.46 V/m ; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.592 W/kg

SAR(1 g) = 0.394 W/kg ; SAR(10 g) = 0.261 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.530 W/kg



Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/01/28

S14 System Check_H750_220128

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

Communication System: UID 0, CW; Frequency: 750 MHz; Duty Cycle: 1:1

Medium: H06T09N1_0128 Medium parameters used: $f = 750$ MHz; $\sigma = 0.903$ S/m; $\epsilon_r = 41.481$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7537; ConvF(10.69, 10.69, 10.69) @ 750 MHz; Calibrated: 2021/04/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2021/04/15
- Phantom: Twin-SAM V8.0_1988; Type: QD 000 P41 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) = 0.527 W/kg

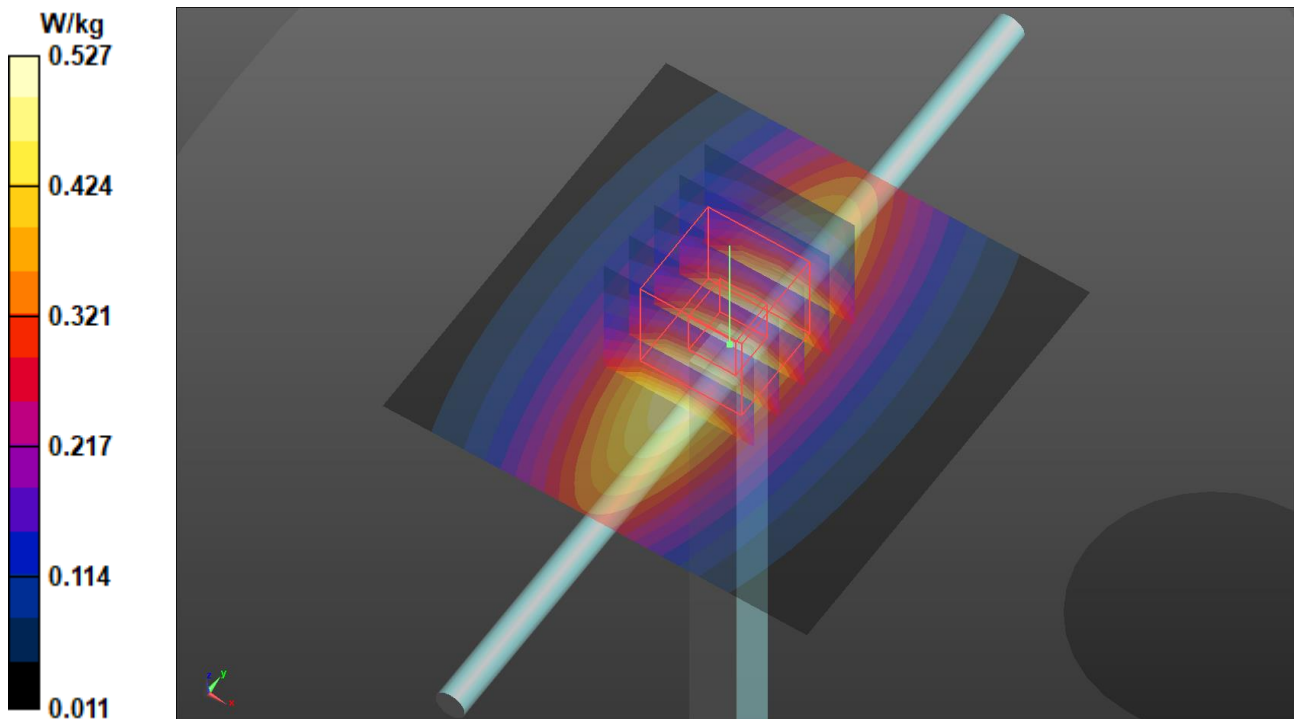
Pin=50mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.46 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.592 W/kg

SAR(1 g) = 0.394 W/kg; SAR(10 g) = 0.261 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.530 W/kg



Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/01/27

S15 System Check_H1750_220127

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

Communication System: UID 0, CW; Frequency: 1750 MHz; Duty Cycle: 1:1

Medium: H16T20N1_0127 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.372$ S/m; $\epsilon_r = 39.099$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C ; Liquid Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7537; ConvF(8.55, 8.55, 8.55) @ 1750 MHz; Calibrated: 2021/04/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2021/04/15
- Phantom: Twin-SAM V8.0_1988; Type: QD 000 P41 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) = 2.80 W/kg

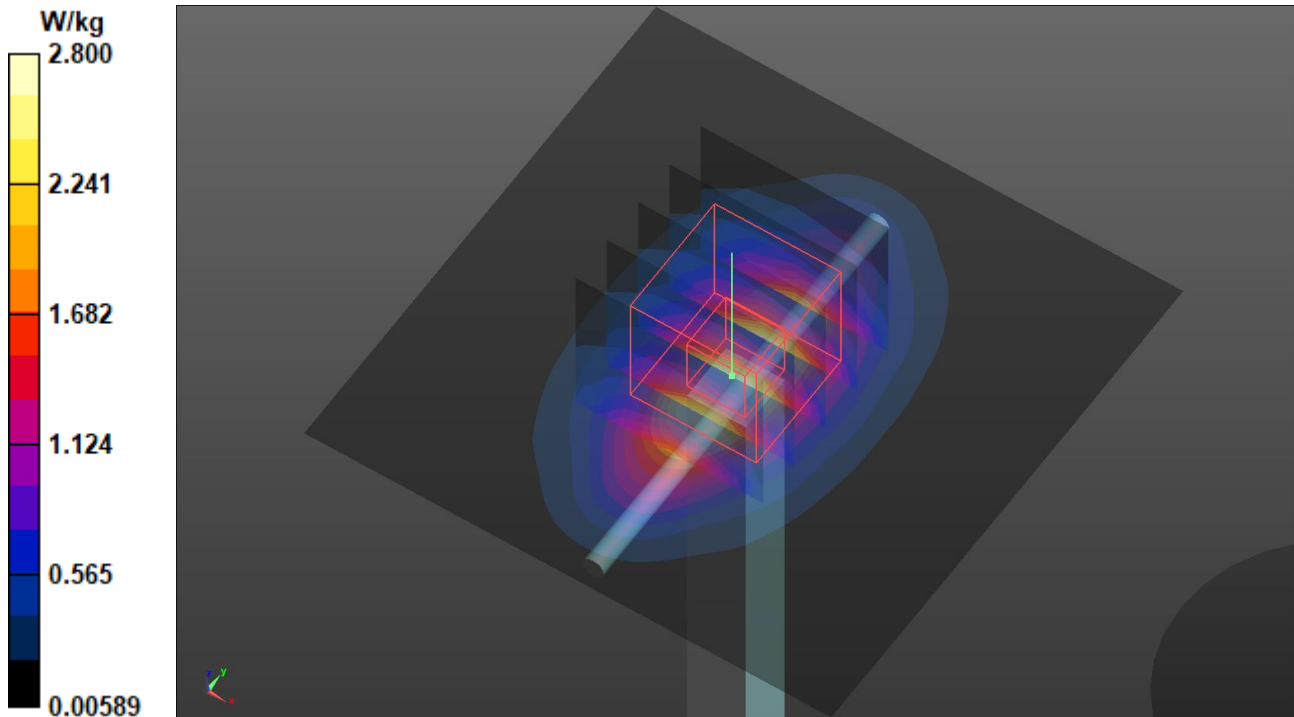
Pin=50mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 46.57 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 3.35 W/kg

SAR(1 g) = 1.79 W/kg; SAR(10 g) = 0.956 W/kg (SAR corrected for target medium)

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



Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/01/26

S16 System Check_H2450_220126

DUT: Dipole 2450 MHz; Type: D2450V2; SN: 737

Communication System: UID 0, CW; Frequency: 2450 MHz; Duty Cycle: 1:1

Medium: H19T27N1_0126 Medium parameters used (interpolated): $f = 2450$ MHz; $\sigma = 1.87$ S/m; $\epsilon_r = 39.027$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7555; ConvF(7.9, 7.9, 7.9) @ 2450 MHz; Calibrated: 2021/09/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2021/08/20
- Phantom: SAM Phantom_1985; Type: QD 000 P41 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) = 4.406 W/kg

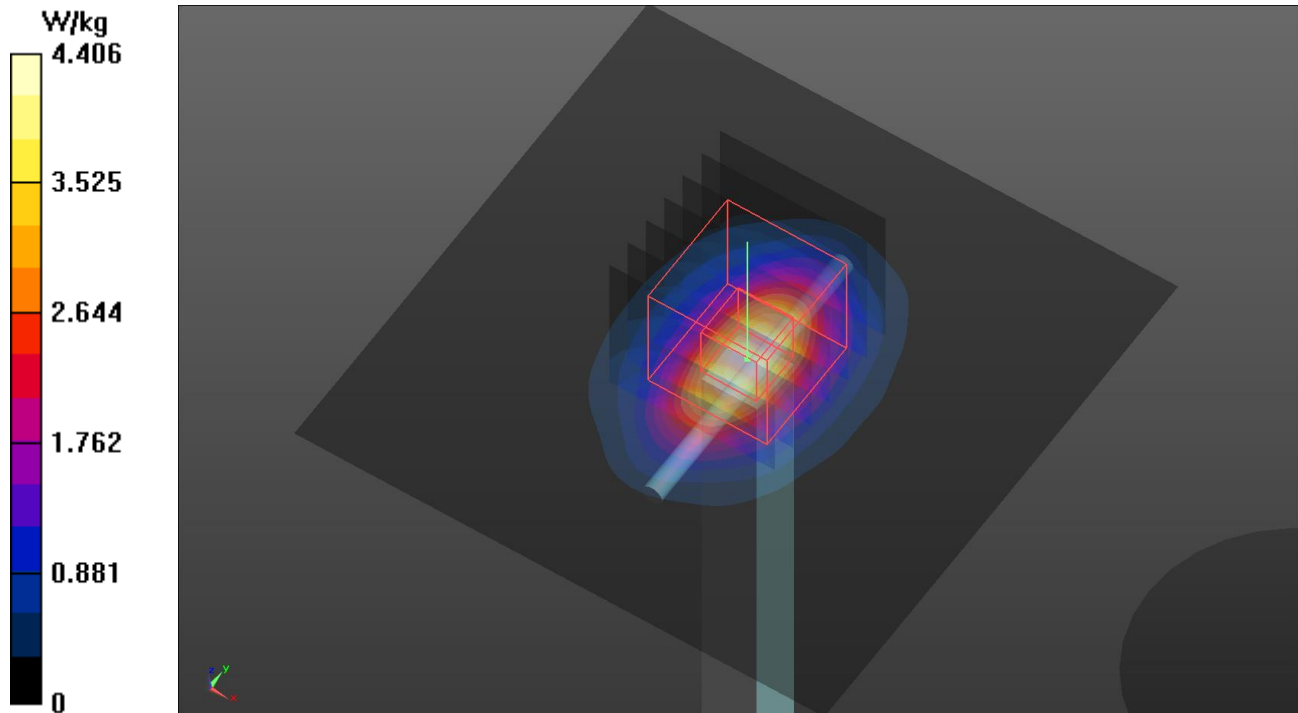
Pin=50mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 49.40 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 5.56 W/kg

SAR(1 g) = 2.58 W/kg; SAR(10 g) = 1.21 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 4.47 W/kg



Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/01/26

S17 System Check_H5250_220126

DUT: Dipole 5 GHz; Type: D5GHzV2; SN: 1019

Communication System: UID 0, CW; Frequency: 5250 MHz; Duty Cycle: 1:1

Medium: H34T60N1_0126 Medium parameters used: $f = 5250$ MHz; $\sigma = 4.699$ S/m; $\epsilon_r = 36.155$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7555; ConvF(5.45, 5.45, 5.45) @ 5250 MHz; Calibrated: 2021/09/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2021/08/20
- Phantom: SAM Phantom_1985; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Pin=50mW/Area Scan (91x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 8.735 W/kg

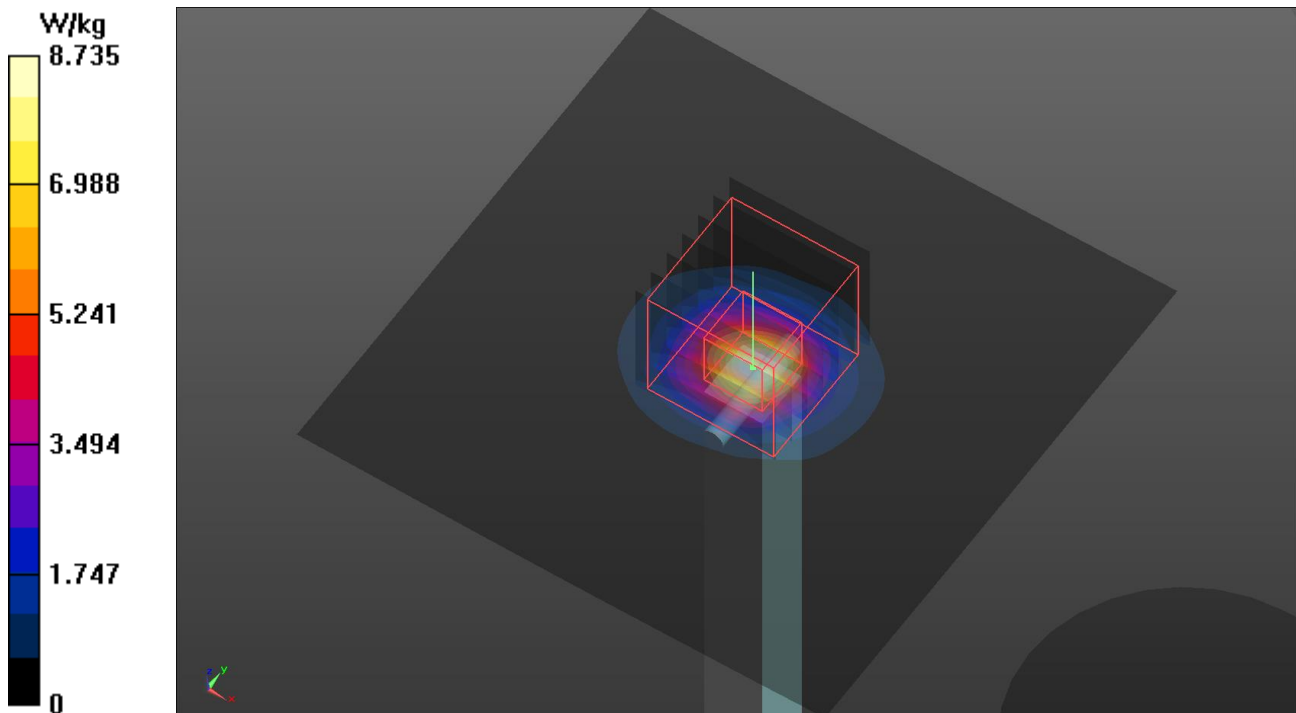
Pin=50mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 48.41 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 14.9 W/kg

SAR(1 g) = 3.83 W/kg; SAR(10 g) = 1.11 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 9.54 W/kg



Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/01/26

S18 System Check_H5600_220126

DUT: Dipole 5 GHz; Type: D5GHzV2; SN: 1019

Communication System: UID 0, CW; Frequency: 5600 MHz; Duty Cycle: 1:1

Medium: H34T60N1_0126 Medium parameters used: $f = 5600$ MHz; $\sigma = 4.996$ S/m; $\epsilon_r = 35.797$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7555; ConvF(4.8, 4.8, 4.8) @ 5600 MHz; Calibrated: 2021/09/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2021/08/20
- Phantom: SAM Phantom_1985; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Pin=50mW/Area Scan (91x91x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 9.942 W/kg

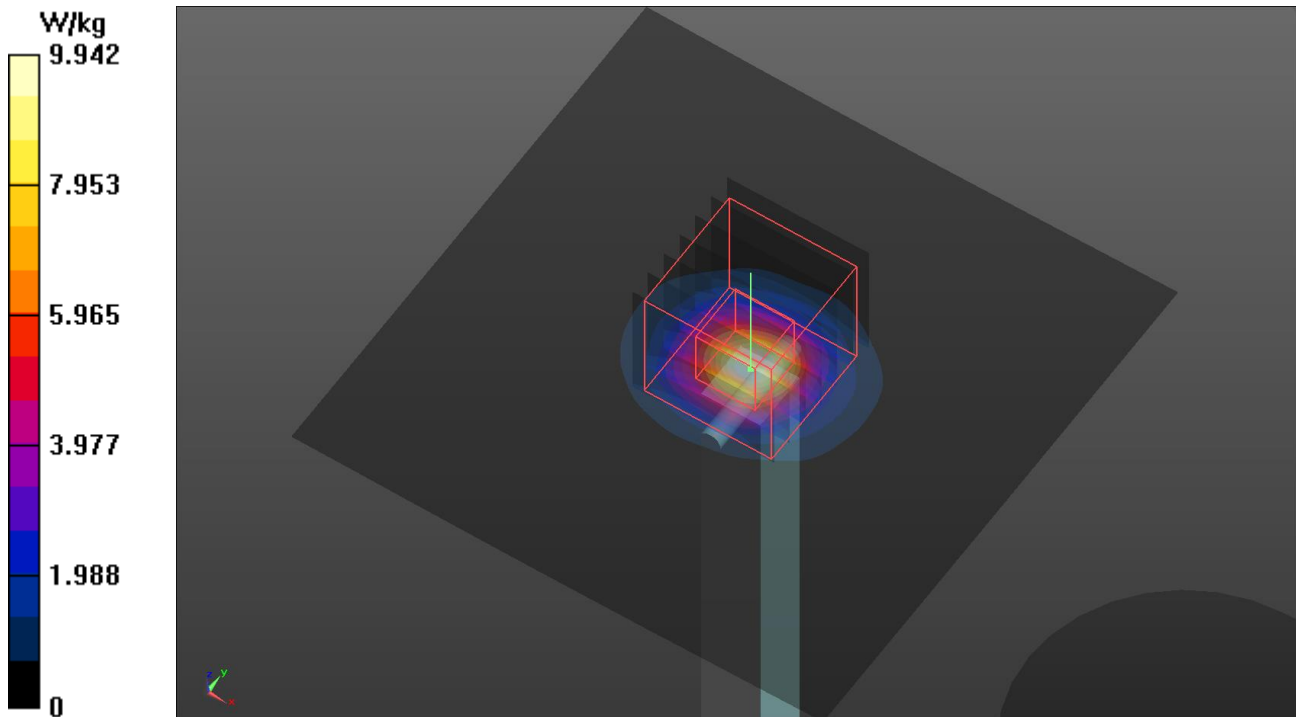
Pin=50mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 49.89 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 17.5 W/kg

SAR(1 g) = 4.15 W/kg; SAR(10 g) = 1.19 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 10.7 W/kg



Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/01/26

S19 System Check_H5750_220126

DUT: Dipole 5 GHz; Type: D5GHzV2; SN: 1019

Communication System: UID 0, CW; Frequency: 5750 MHz; Duty Cycle: 1:1

Medium: H34T60N1_0126 Medium parameters used: $f = 5750$ MHz; $\sigma = 5.266$ S/m; $\epsilon_r = 35.45$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7555; ConvF(5, 5, 5) @ 5750 MHz; Calibrated: 2021/09/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2021/08/20
- Phantom: SAM Phantom_1985; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Pin=50mW/Area Scan (91x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 8.950 W/kg

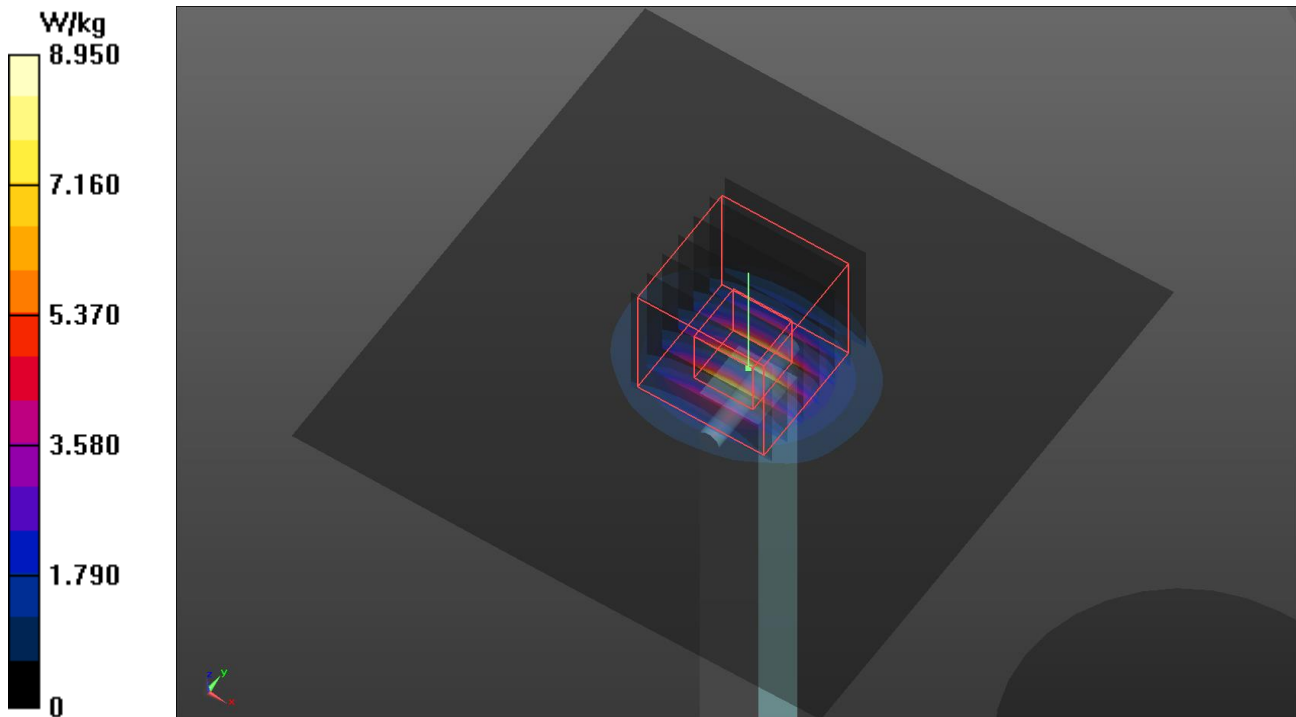
Pin=50mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 46.36 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 16.5 W/kg

SAR(1 g) = 3.72 W/kg; SAR(10 g) = 1.07 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 9.71 W/kg



Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/01/27

S20 System Check_H2450_220127

DUT: Dipole 2450 MHz; Type: D2450V2; SN: 737

Communication System: UID 0, CW; Frequency: 2450 MHz; Duty Cycle: 1:1

Medium: H19T27N1_0127 Medium parameters used (interpolated): $f = 2450$ MHz; $\sigma = 1.864$ S/m; $\epsilon_r = 38.07$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7555; ConvF(7.9, 7.9, 7.9) @ 2450 MHz; Calibrated: 2021/09/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2021/08/20
- Phantom: SAM Phantom_1985; Type: QD 000 P41 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) = 4.426 W/kg

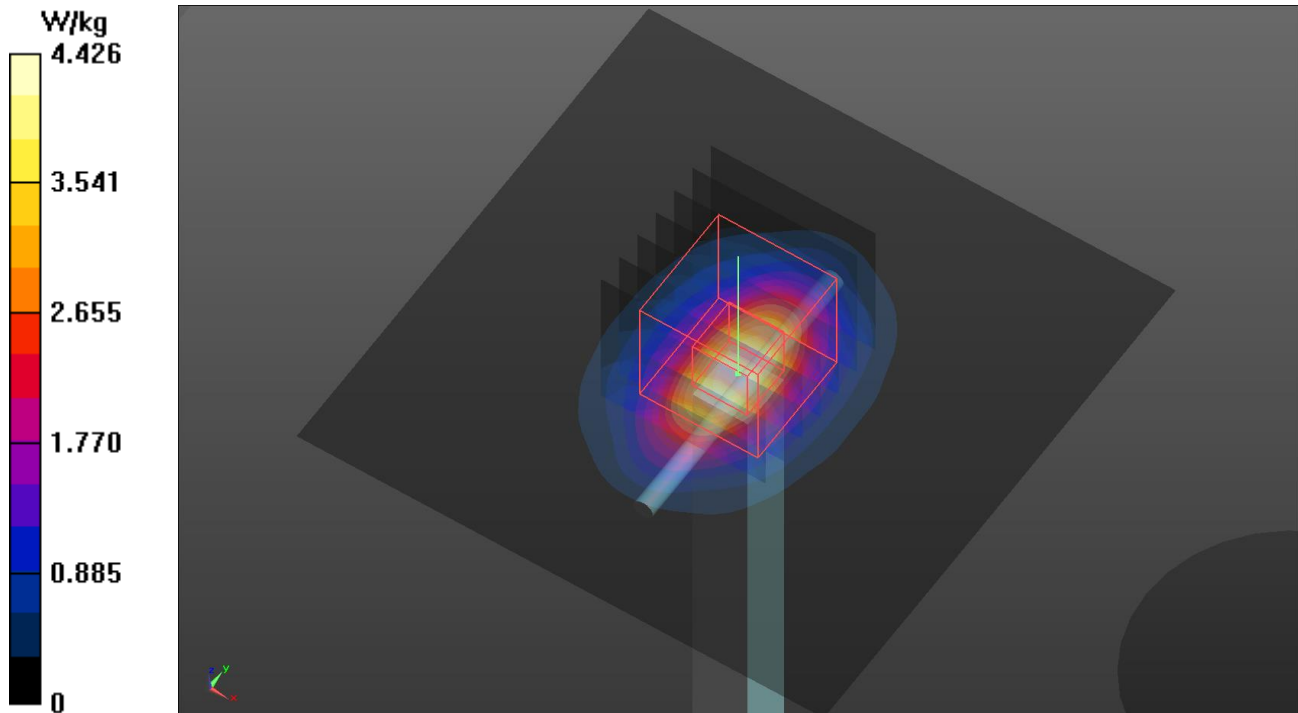
Pin=50mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 49.79 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 5.53 W/kg

SAR(1 g) = 2.57 W/kg; SAR(10 g) = 1.2 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 4.45 W/kg



Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/01/27

S21 System Check_H1900_220127

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

Communication System: UID 0, CW; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: H16T20N1_0127 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.463$ S/m; $\epsilon_r = 38.834$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C ; Liquid Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7537; ConvF(8.27, 8.27, 8.27) @ 1900 MHz; Calibrated: 2021/04/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2021/04/15
- Phantom: Twin-SAM V8.0_1988; Type: QD 000 P41 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) = 3.04 W/kg

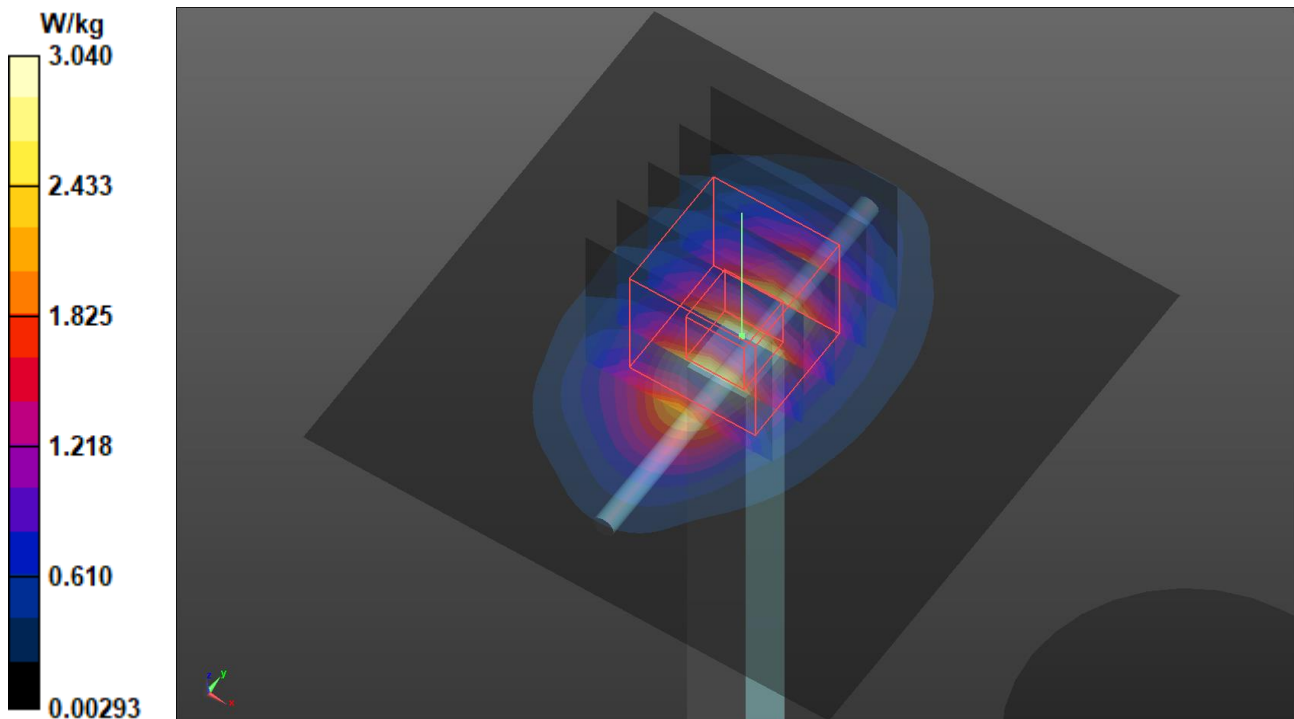
Pin=50mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 45.12 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 3.62 W/kg

SAR(1 g) = 1.91 W/kg; SAR(10 g) = 1.02 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 3.05 W/kg



Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/01/27

S25 System Check_H1750_220127

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

Communication System: UID 0, CW; Frequency: 1750 MHz; Duty Cycle: 1:1

Medium: H16T20N1_0127 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.372$ S/m; $\epsilon_r = 39.099$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C ; Liquid Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7537; ConvF(8.55, 8.55, 8.55) @ 1750 MHz; Calibrated: 2021/04/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2021/04/15
- Phantom: Twin-SAM V8.0_1988; Type: QD 000 P41 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) = 2.80 W/kg

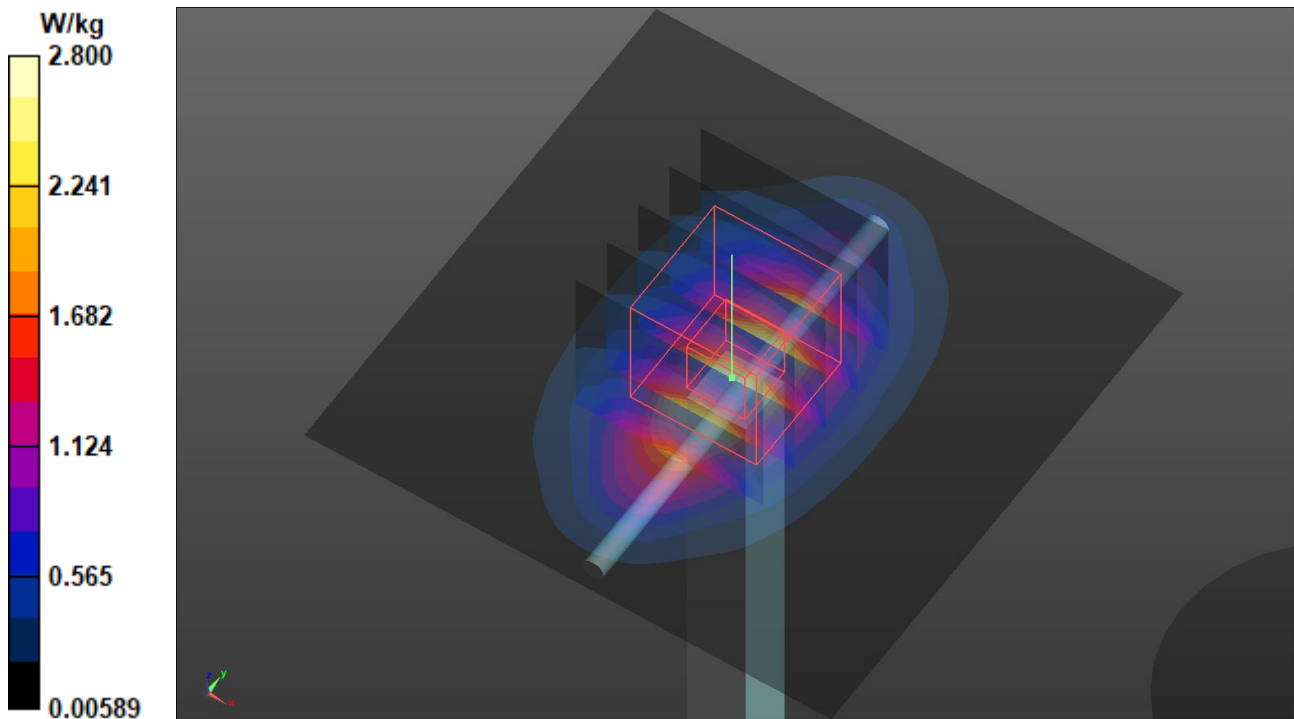
Pin=50mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 46.57 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 3.35 W/kg

SAR(1 g) = 1.79 W/kg; SAR(10 g) = 0.956 W/kg (SAR corrected for target medium)

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



Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/01/26

S27 System Check_H5250_220126

DUT: Dipole 5 GHz; Type: D5GHzV2; SN: 1019

Communication System: UID 0, CW; Frequency: 5250 MHz; Duty Cycle: 1:1

Medium: H34T60N1_0126 Medium parameters used: $f = 5250$ MHz; $\sigma = 4.699$ S/m; $\epsilon_r = 36.155$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7555; ConvF(5.45, 5.45, 5.45) @ 5250 MHz; Calibrated: 2021/09/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2021/08/20
- Phantom: SAM Phantom_1985; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Pin=50mW/Area Scan (91x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 8.735 W/kg

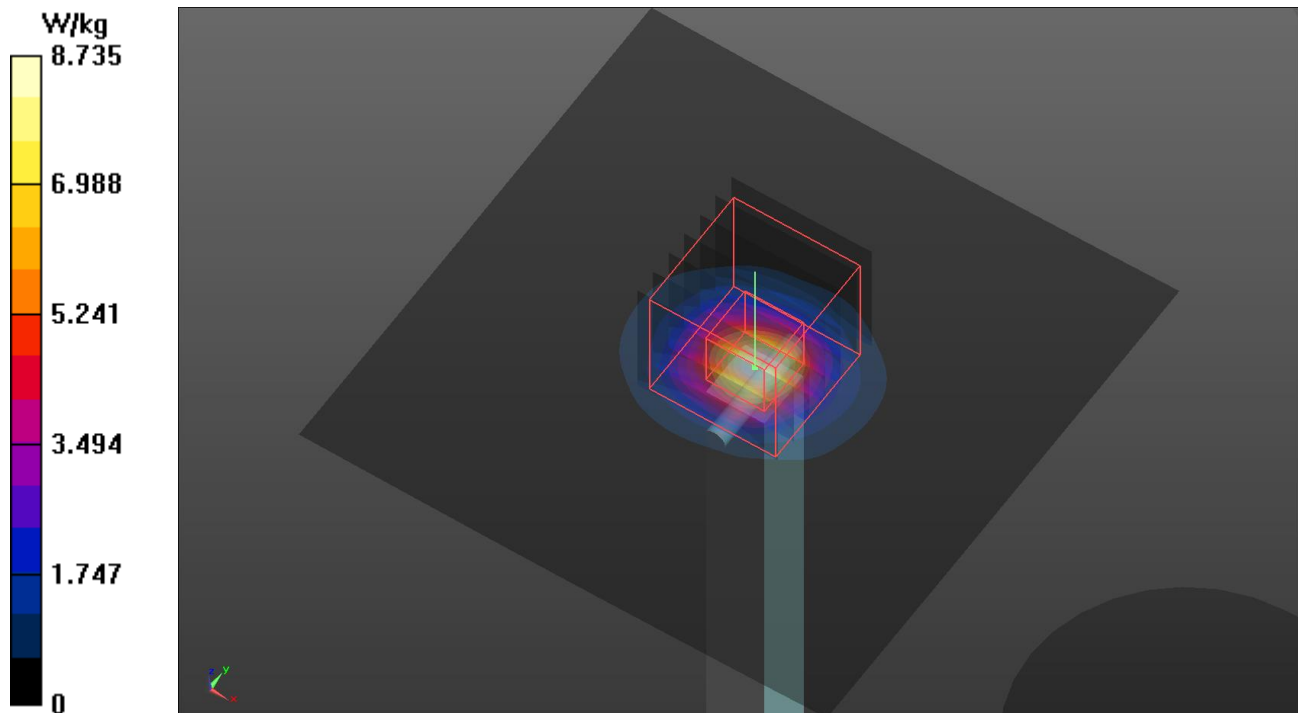
Pin=50mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 48.41 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 14.9 W/kg

SAR(1 g) = 3.83 W/kg; SAR(10 g) = 1.11 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 9.54 W/kg



Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/01/27

S30 System Check_H5600_220127

DUT: Dipole 5 GHz; Type: D5GHzV2; SN: 1019

Communication System: UID 0, CW; Frequency: 5600 MHz; Duty Cycle: 1:1

Medium: H34T60N1_0127 Medium parameters used: $f = 5600$ MHz; $\sigma = 5.132$ S/m; $\epsilon_r = 36.728$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7555; ConvF(4.8, 4.8, 4.8) @ 5600 MHz; Calibrated: 2021/09/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2021/08/20
- Phantom: SAM Phantom_1985; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Pin=50mW/Area Scan (91x91x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 10.200 W/kg

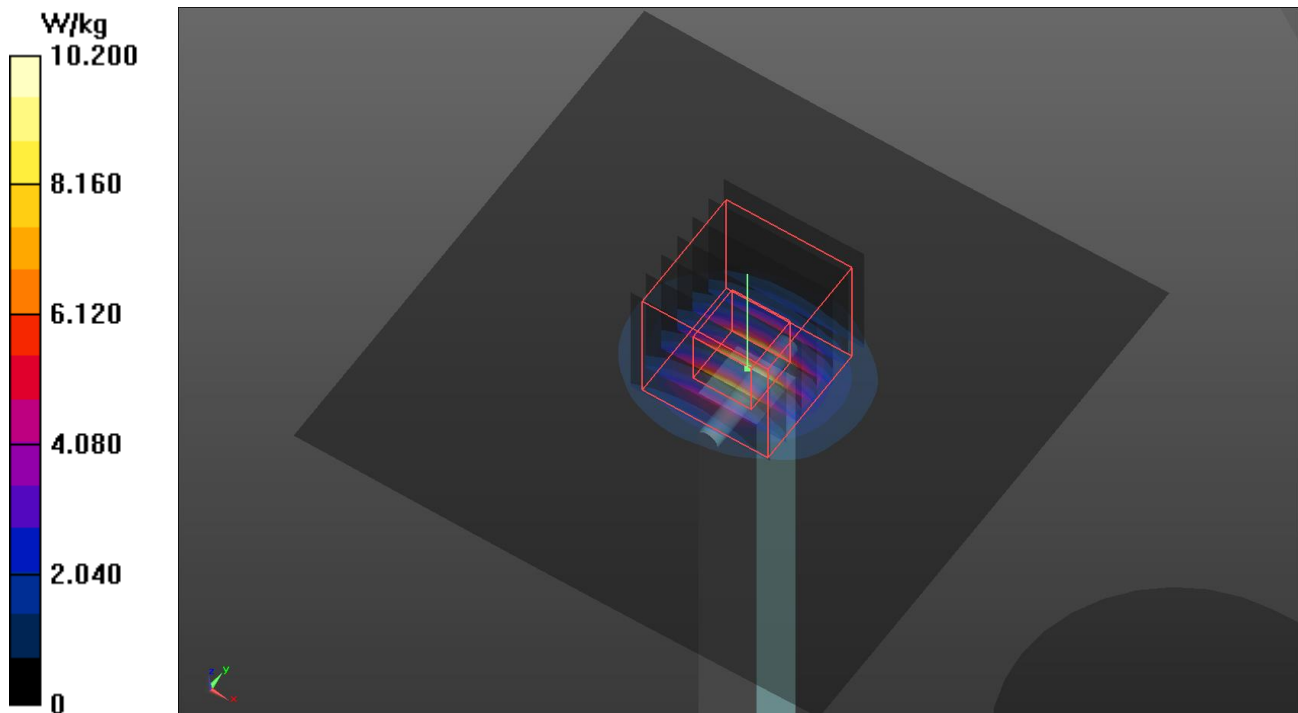
Pin=50mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 49.89 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 18.0 W/kg

SAR(1 g) = 4.29 W/kg; SAR(10 g) = 1.23 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 11.0 W/kg



Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/01/26

S31 System Check_H5250_220126

DUT: Dipole 5 GHz; Type: D5GHzV2; SN: 1019

Communication System: UID 0, CW; Frequency: 5250 MHz; Duty Cycle: 1:1

Medium: H34T60N1_0126 Medium parameters used: $f = 5250$ MHz; $\sigma = 4.699$ S/m; $\epsilon_r = 36.155$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7555; ConvF(5.45, 5.45, 5.45) @ 5250 MHz; Calibrated: 2021/09/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2021/08/20
- Phantom: SAM Phantom_1985; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Pin=50mW/Area Scan (91x91x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 8.735 W/kg

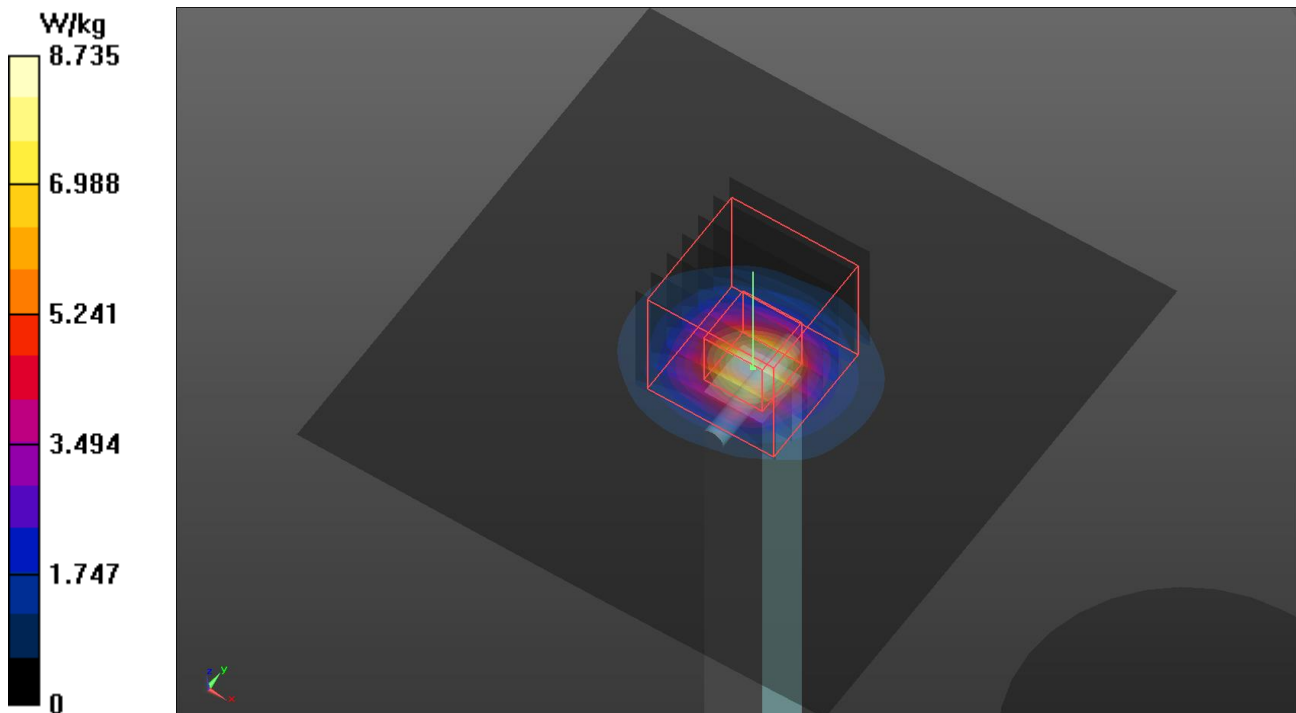
Pin=50mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 48.41 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 14.9 W/kg

SAR(1 g) = 3.83 W/kg; SAR(10 g) = 1.11 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 9.54 W/kg



Annex 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: 2022/01/27

P01 LTE 2_QPSK20M_Right Cheek_Ch19100_1RB_OS0

DUT: BFOK-WTW-P22010278

Communication System: UID 10169 - CAE, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 1900 MHz; Duty Cycle: 1:3.74

Medium: H16T20N1_0127 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.463$ S/m; $\epsilon_r = 38.834$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C ; Liquid Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7537; ConvF(8.27, 8.27, 8.27) @ 1900 MHz; Calibrated: 2021/04/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2021/04/15
- Phantom: Twin-SAM V8.0_1988; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.551 W/kg

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

Reference Value = 18.60 V/m; Power Drift = -0.12 dB

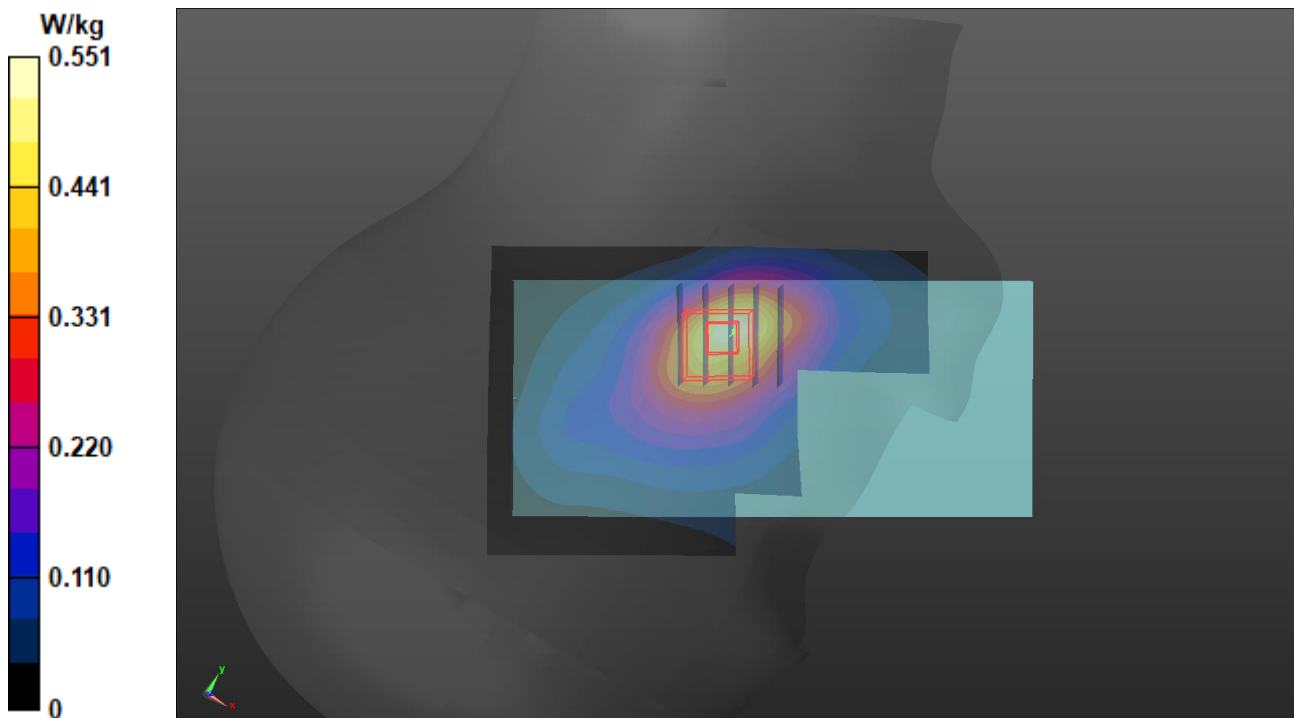
Peak SAR (extrapolated) = 0.577 W/kg

SAR(1 g) = 0.369 W/kg; SAR(10 g) = 0.239 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 14 mm

Ratio of SAR at M2 to SAR at M1 = 67.3%

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



Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/01/27

P02 LTE 5_QPSK10M_Left Cheek_Ch20450_1RB_OS0

DUT: BFOK-WTW-P22010278

Communication System: UID 10175 - CAG, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK); Frequency: 829 MHz; Duty Cycle: 1:3.74

Medium: H07T10N1_0127 Medium parameters used: $f = 829$ MHz; $\sigma = 0.931$ S/m; $\epsilon_r = 40.328$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C ; Liquid Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7537; ConvF(10.5, 10.5, 10.5) @ 829 MHz; Calibrated: 2021/04/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2021/04/15
- Phantom: Twin-SAM V8.0_1988; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x141x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm
Maximum value of SAR (interpolated) = 0.228 W/kg

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

Reference Value = 15.65 V/m; Power Drift = -0.03 dB

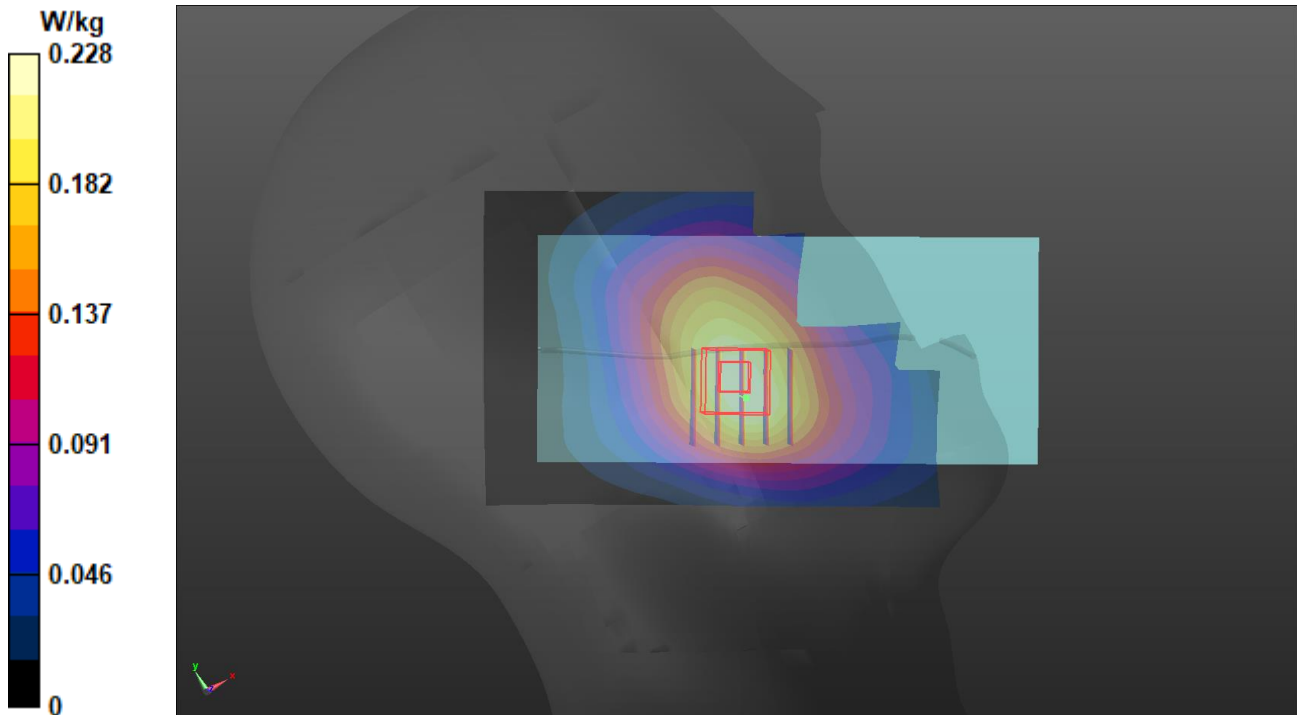
Peak SAR (extrapolated) = 0.244 W/kg

SAR(1 g) = 0.185 W/kg; SAR(10 g) = 0.142 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 23.4 mm

Ratio of SAR at M2 to SAR at M1 = 76.7%

Maximum value of SAR (measured) = 0.224 W/kg



Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/01/26

P03 LTE 12_QPSK10M_Left Cheek_Ch23130_1RB_OS0

DUT: BFOK-WTW-P22010278

Communication System: UID 10175 - CAG, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK); Frequency: 711 MHz; Duty Cycle: 1:3.74

Medium: H06T09N1_0126 Medium parameters used: $f = 711$ MHz; $\sigma = 0.887$ S/m; $\epsilon_r = 41.672$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7537; ConvF(10.69, 10.69, 10.69) @ 711 MHz; Calibrated: 2021/04/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2021/04/15
- Phantom: Twin-SAM V8.0_1988; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.120 W/kg

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

Reference Value = 11.78 V/m; Power Drift = -0.04 dB

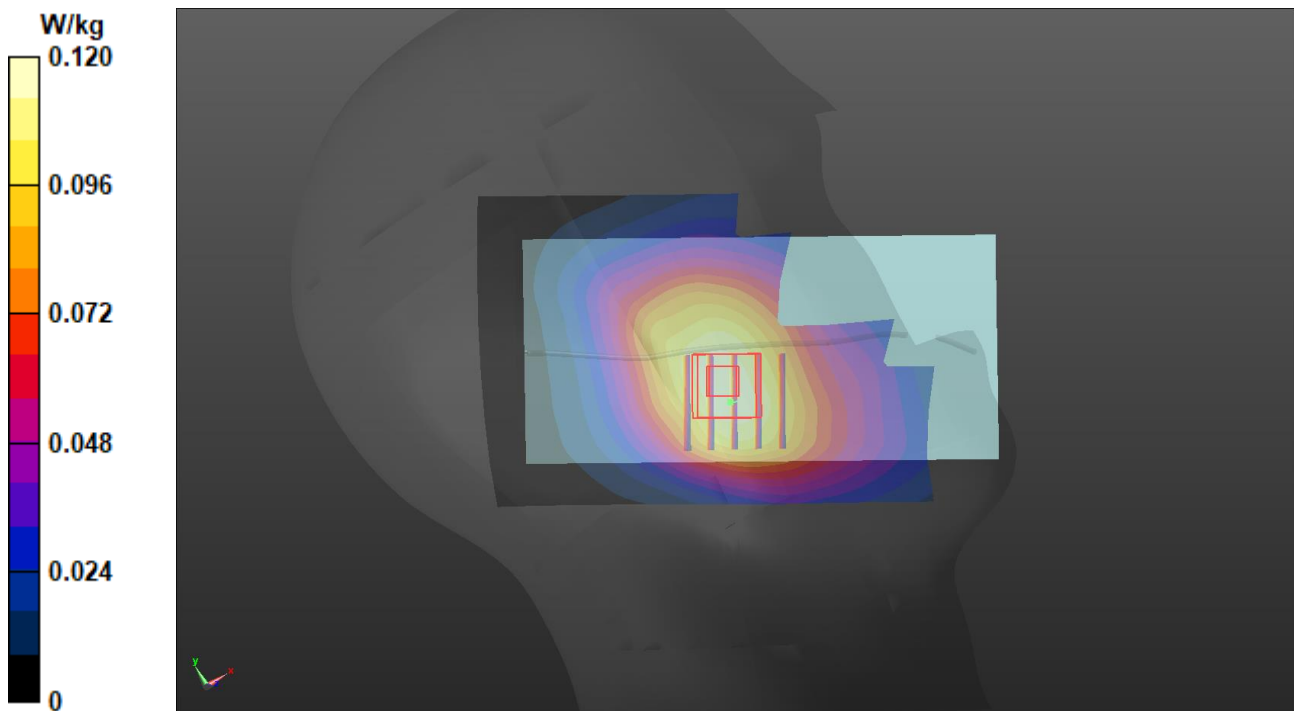
Peak SAR (extrapolated) = 0.126 W/kg

SAR(1 g) = 0.104 W/kg; SAR(10 g) = 0.082 W/kg (SAR corrected for target medium)

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

Ratio of SAR at M2 to SAR at M1 = 80.8%.

Maximum value of SAR (measured) = 0.119 W/kg



Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/01/26

P04 LTE 13_QPSK10M_Left Cheek_Ch23230_1RB_OS0

DUT: BFOK-WTW-P22010278

Communication System: UID 10175 - CAG, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK); Frequency: 782 MHz; Duty Cycle: 1:3.74

Medium: H06T09N1_0126 Medium parameters used: $f = 782$ MHz; $\sigma = 0.913$ S/m; $\epsilon_r = 41.473$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7537; ConvF(10.69, 10.69, 10.69) @ 782 MHz; Calibrated: 2021/04/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2021/04/15
- Phantom: Twin-SAM V8.0_1988; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x141x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm
Maximum value of SAR (interpolated) = 0.214 W/kg

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

Reference Value = 15.43 V/m; Power Drift = -0.05 dB

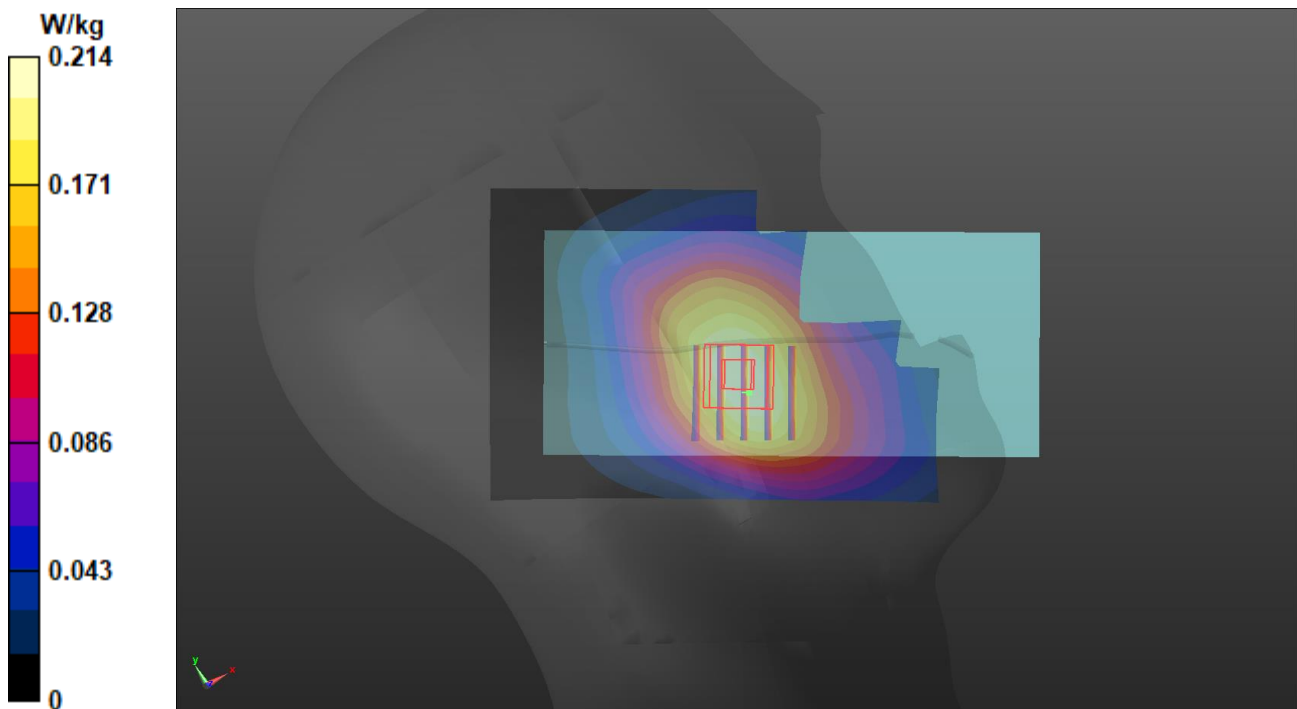
Peak SAR (extrapolated) = 0.229 W/kg

SAR(1 g) = 0.182 W/kg; SAR(10 g) = 0.143 W/kg (SAR corrected for target medium)

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

Ratio of SAR at M2 to SAR at M1 = 81.1%

Maximum value of SAR (measured) = 0.213 W/kg



Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/01/27

P05 LTE 66_QPSK20M_Right Cheek_Ch132572_1RB_OS0

DUT: BFOK-WTW-P22010278

Communication System: UID 10169 - CAE, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 1770 MHz; Duty Cycle: 1:3.74

Medium: H16T20N1_0127 Medium parameters used: $f = 1770$ MHz; $\sigma = 1.383$ S/m; $\epsilon_r = 39.068$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C ; Liquid Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7537; ConvF(8.55, 8.55, 8.55) @ 1770 MHz; Calibrated: 2021/04/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2021/04/15
- Phantom: Twin-SAM V8.0_1988; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x141x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm
Maximum value of SAR (interpolated) = 0.251 W/kg

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

Reference Value = 13.72 V/m; Power Drift = -0.04 dB

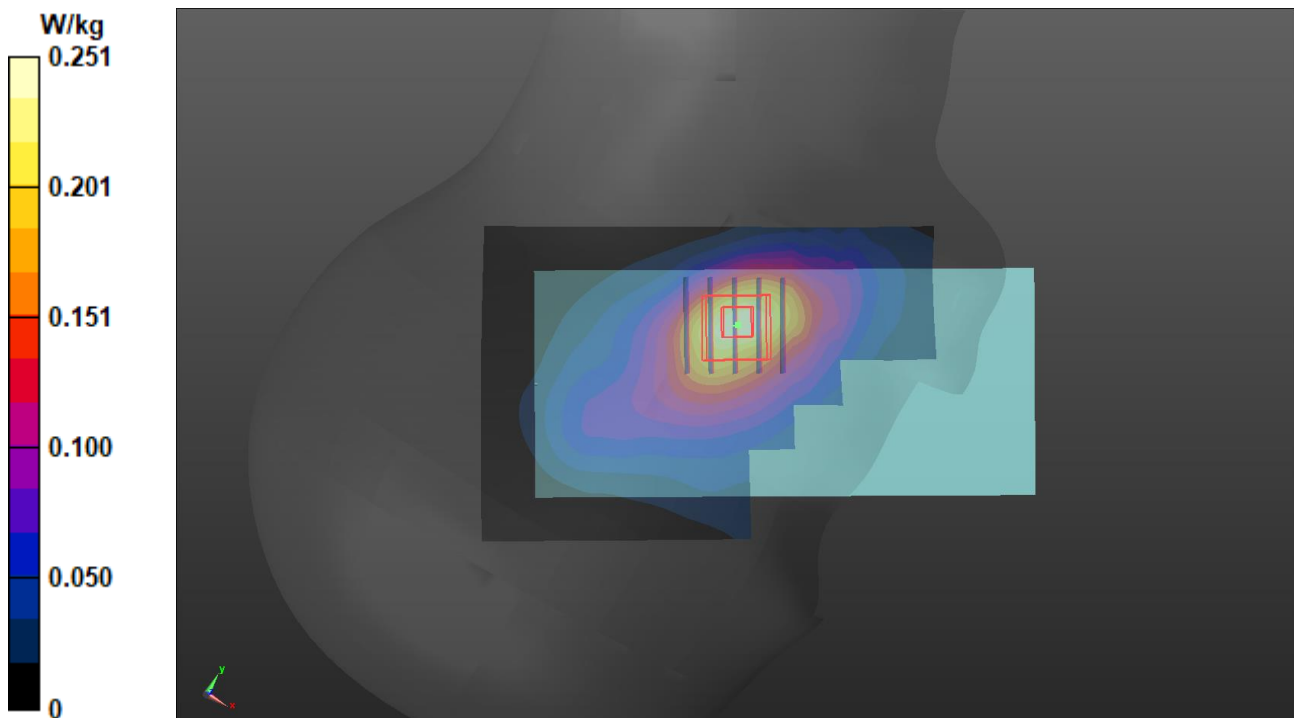
Peak SAR (extrapolated) = 0.272 W/kg

SAR(1 g) = 0.182 W/kg; SAR(10 g) = 0.118 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 14.6 mm

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

Maximum value of SAR (measured) = 0.240 W/kg



Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/01/26

P06 WLAN2.4G_802.11b_Left Cheek_Ch11

DUT: BFOK-WTW-P22010278

Communication System: UID 10012 - CAB, IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps); Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: H19T27N1_0126 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.882$ S/m; $\epsilon_r = 39.956$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7537; ConvF(7.61, 7.61, 7.61) @ 2462 MHz; Calibrated: 2021/04/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2021/04/15
- Phantom: Twin-SAM V8.0_1988; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (91x181x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.300 W/kg

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

Reference Value = 26.58 V/m; Power Drift = -0.04 dB

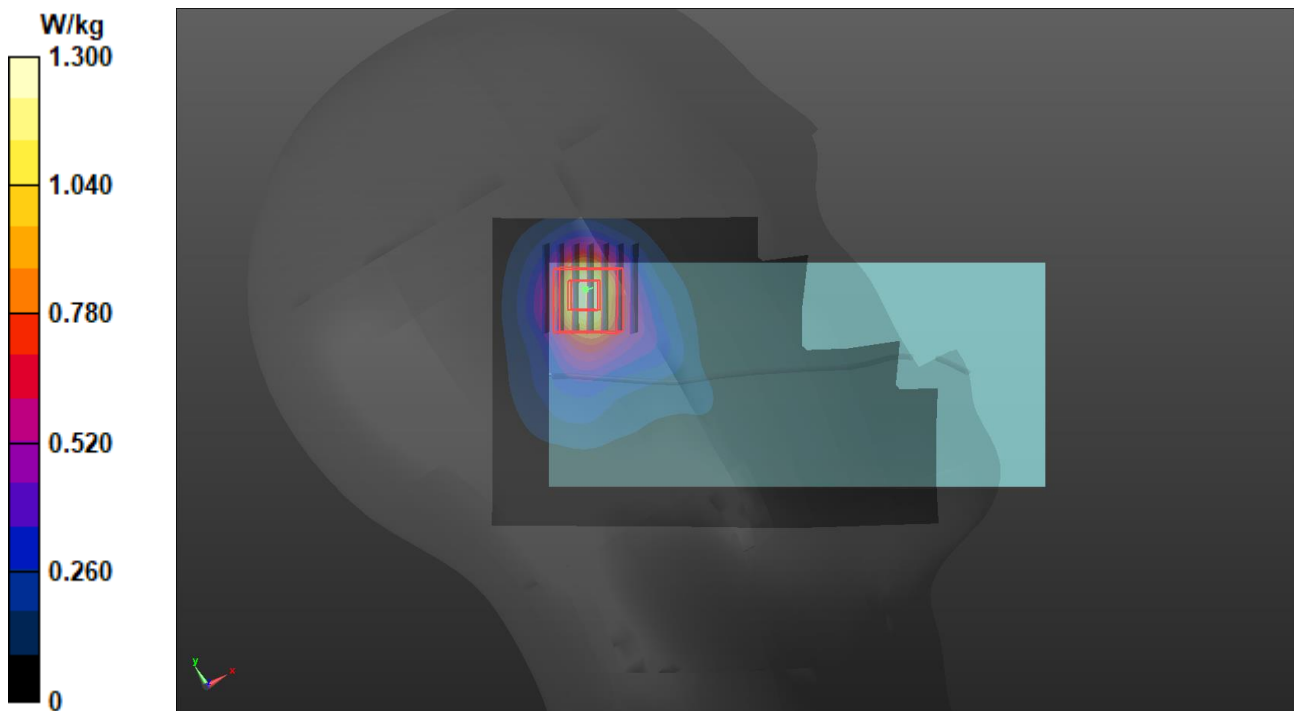
Peak SAR (extrapolated) = 1.71 W/kg

SAR(1 g) = 0.682 W/kg; SAR(10 g) = 0.319 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 10.8 mm

Ratio of SAR at M2 to SAR at M1 = 51.1%

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



Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/01/26

P07 WLAN5.3G_802.11n HT40_Left Cheek_Ch54

DUT: BFOK-WTW-P22010278

Communication System: UID 10599 - AAC, IEEE 802.11n (HT Mixed, 40MHz, MCS0); Frequency: 5270 MHz; Duty Cycle: 1:1

Medium: H34T60N1_0126 Medium parameters used: $f = 5270$ MHz; $\sigma = 4.8$ S/m; $\epsilon_r = 35.314$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7537; ConvF(5.5, 5.5, 5.5) @ 5270 MHz; Calibrated: 2021/04/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2021/04/15
- Phantom: Twin-SAM V8.0_1988; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (111x211x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.710 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 18.21 V/m; Power Drift = -0.14 dB

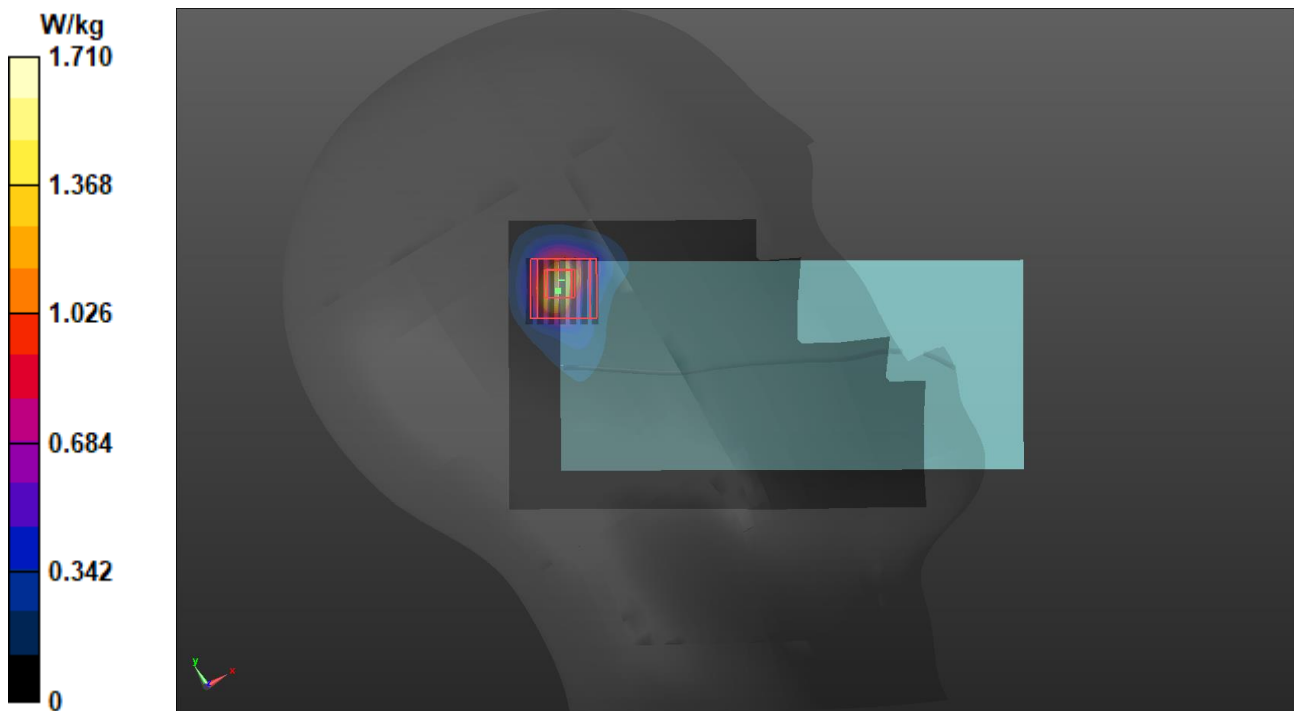
Peak SAR (extrapolated) = 4.93 W/kg

SAR(1 g) = 1.1 W/kg; SAR(10 g) = 0.304 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 = 63.7%

Maximum value of SAR (measured) = 2.88 W/kg



Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/01/26

P08 WLAN5.6G_802.11n HT40_Left Cheek_Ch102

DUT: BFOK-WTW-P22010278

Communication System: UID 10599 - AAC, IEEE 802.11n (HT Mixed, 40MHz, MCS0); Frequency: 5510 MHz; Duty Cycle: 1:1

Medium: H34T60N1_0126 Medium parameters used: $f = 5510$ MHz; $\sigma = 5.052$ S/m; $\epsilon_r = 34.894$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7537; ConvF(4.8, 4.8, 4.8) @ 5510 MHz; Calibrated: 2021/04/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2021/04/15
- Phantom: Twin-SAM V8.0_1988; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (111x211x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.130 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 13.52 V/m; Power Drift = -0.05 dB

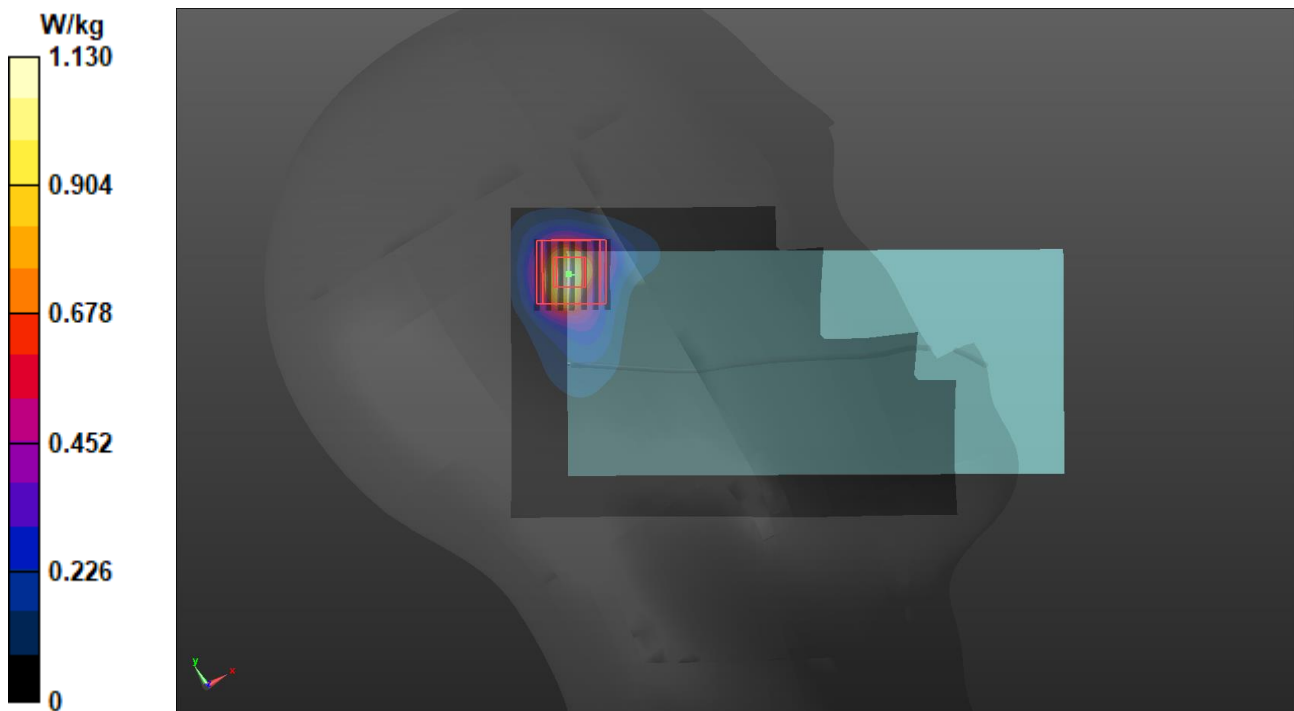
Peak SAR (extrapolated) = 3.59 W/kg

SAR(1 g) = 0.785 W/kg; SAR(10 g) = 0.227 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 5.7 mm

Ratio of SAR at M2 to SAR at M1 = 61.7%

Maximum value of SAR (measured) = 2.07 W/kg



Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/01/26

P09 WLAN5.8G_802.11n HT40_Left Cheek_Ch159

DUT: BFOK-WTW-P22010278

Communication System: UID 10599 - AAC, IEEE 802.11n (HT Mixed, 40MHz, MCS0); Frequency: 5795 MHz; Duty Cycle: 1:1

Medium: H34T60N1_0126 Medium parameters used: $f = 5795$ MHz; $\sigma = 5.376$ S/m; $\epsilon_r = 34.339$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7537; ConvF(4.95, 4.95, 4.95) @ 5795 MHz; Calibrated: 2021/04/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2021/04/15
- Phantom: Twin-SAM V8.0_1988; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (111x211x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.840 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 17.96 V/m; Power Drift = -0.08 dB

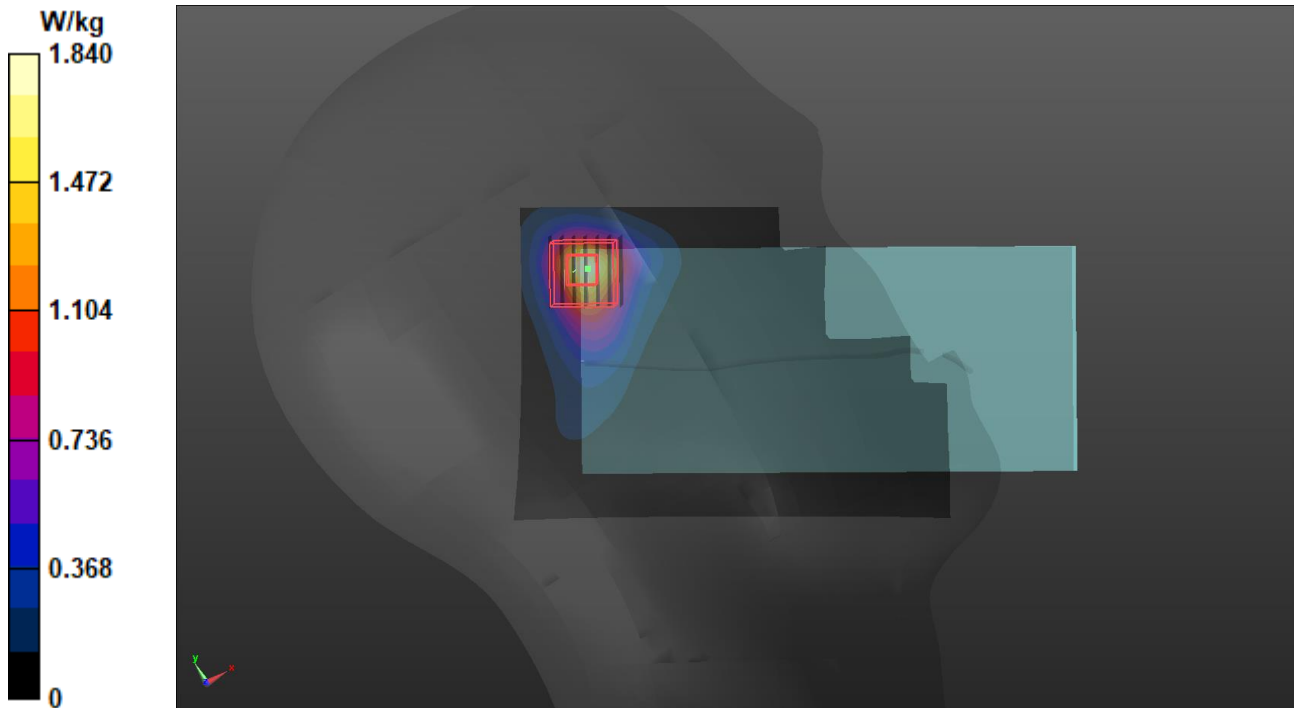
Peak SAR (extrapolated) = 5.94 W/kg

SAR(1 g) = 1.14 W/kg; SAR(10 g) = 0.369 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 = 59.9%

Maximum value of SAR (measured) = 3.24 W/kg



Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/01/26

P10 BT_BDR_Left Cheek_Ch39

DUT: BFOK-WTW-P22010278

Communication System: UID 10032 - CAA, IEEE 802.15.1 Bluetooth (GFSK, DH5); Frequency: 2441 MHz; Duty Cycle: 1:1.31

Medium: H19T27N1_0126 Medium parameters used (interpolated): $f = 2441$ MHz; $\sigma = 1.858$ S/m; $\epsilon_r = 40.017$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7537; ConvF(7.61, 7.61, 7.61) @ 2441 MHz; Calibrated: 2021/04/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2021/04/15
- Phantom: Twin-SAM V8.0_1988; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (91x181x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.333 W/kg

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

Reference Value = 13.50 V/m; Power Drift = -0.04 dB

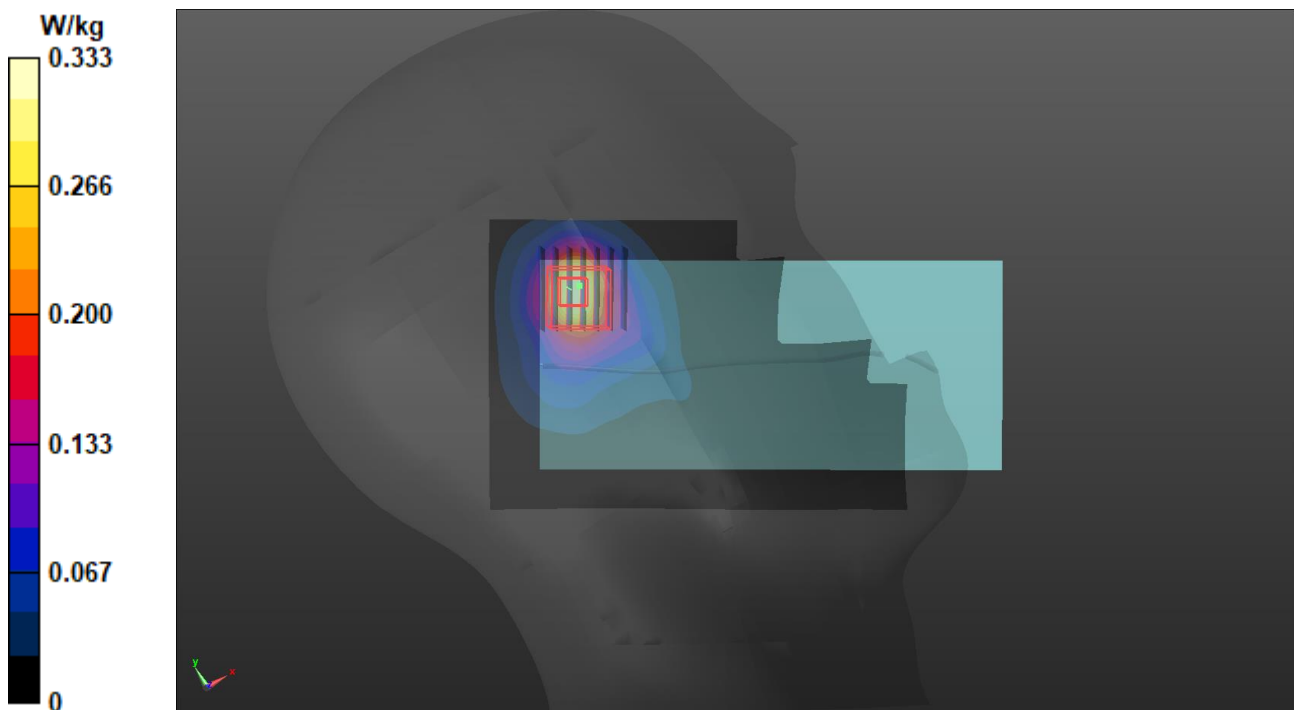
Peak SAR (extrapolated) = 0.438 W/kg

SAR(1 g) = 0.222 W/kg; SAR(10 g) = 0.110 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 10.3 mm

Ratio of SAR at M2 to SAR at M1 = 52.3%

Maximum value of SAR (measured) = 0.349 W/kg



Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/01/27

P11 LTE 2_QPSK20M_Front Face_10mm_Ch19100_1RB_OS0

DUT: BFOK-WTW-P22010278

Communication System: UID 10169 - CAE, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 1900 MHz; Duty Cycle: 1:3.74

Medium: H16T20N1_0127 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.463$ S/m; $\epsilon_r = 38.834$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C ; Liquid Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7537; ConvF(8.27, 8.27, 8.27) @ 1900 MHz; Calibrated: 2021/04/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2021/04/15
- Phantom: Twin-SAM V8.0_1988; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x141x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm
Maximum value of SAR (interpolated) = 0.584 W/kg

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

Reference Value = 20.60 V/m; Power Drift = -0.05 dB

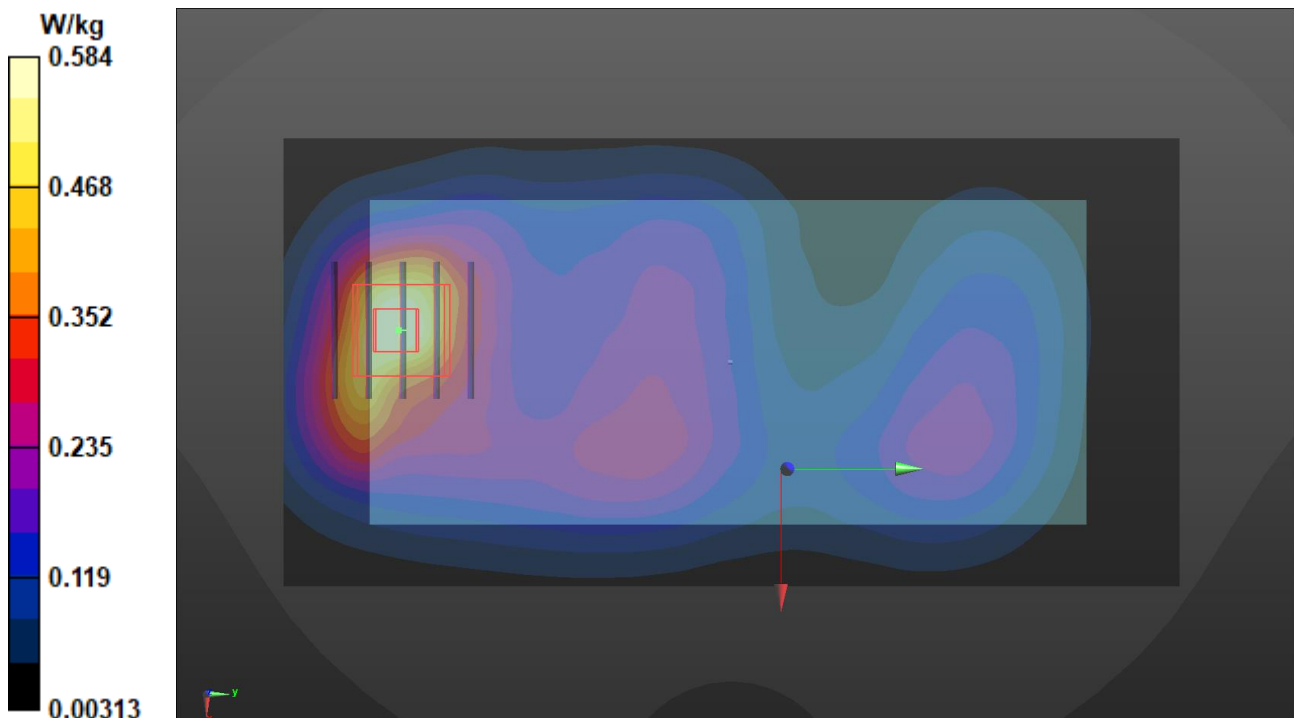
Peak SAR (extrapolated) = 0.708 W/kg

SAR(1 g) = 0.398 W/kg; SAR(10 g) = 0.230 W/kg (SAR corrected for target medium)

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

Ratio of SAR at M2 to SAR at M1 = 58.6%

Maximum value of SAR (measured) = 0.601 W/kg



Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/01/28

P12 LTE 5_QPSK10M_Rear Face_10mm_Ch20525_1RB_OS0

DUT: BFOK-WTW-P22010278

Communication System: UID 10175 - CAG, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK); Frequency: 836.5 MHz; Duty Cycle: 1:3.74

Medium: H07T10N1_0128 Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.936$ S/m; $\epsilon_r = 40.679$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7537; ConvF(10.5, 10.5, 10.5) @ 836.5 MHz; Calibrated: 2021/04/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2021/04/15
- Phantom: Twin-SAM V8.0_1988; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.257 W/kg

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

Reference Value = 16.81 V/m; Power Drift = -0.03 dB

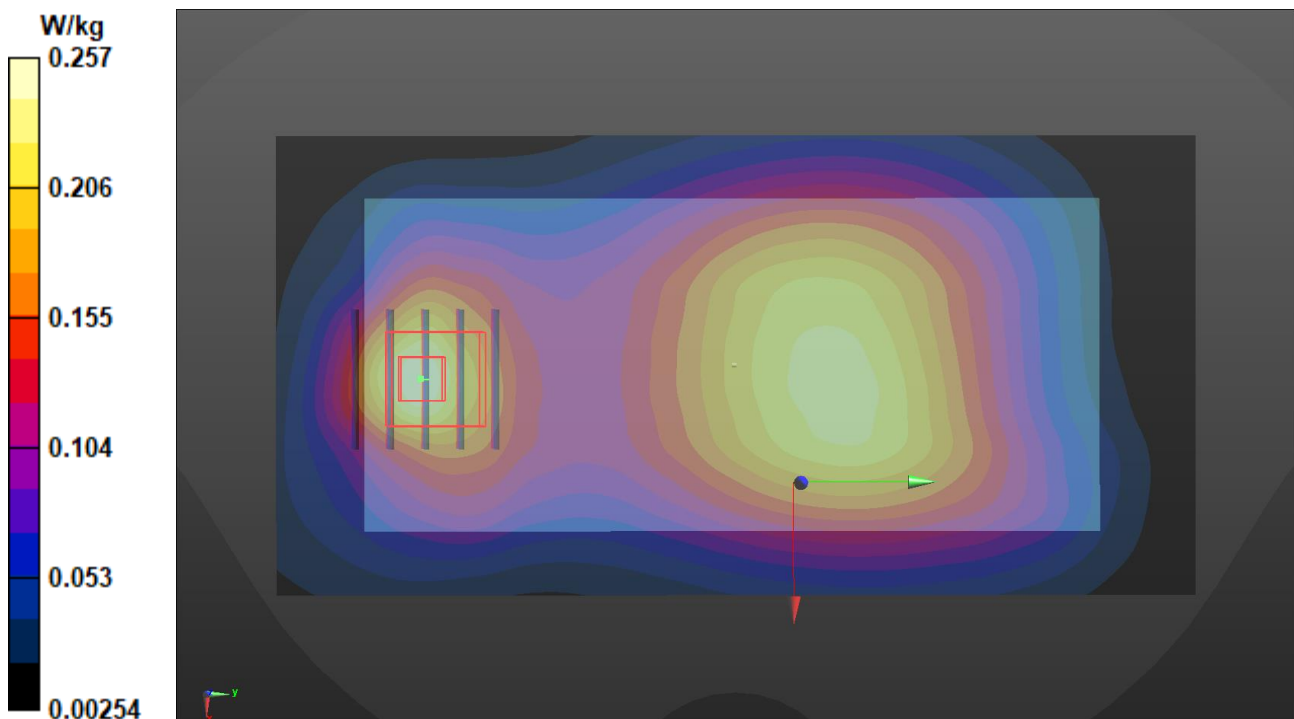
Peak SAR (extrapolated) = 0.292 W/kg

SAR(1 g) = 0.177 W/kg; SAR(10 g) = 0.110 W/kg (SAR corrected for target medium)

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

Ratio of SAR at M2 to SAR at M1 = 64%

Maximum value of SAR (measured) = 0.250 W/kg



Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/01/28

P13 LTE 12_QPSK10M_Rear Face_10mm_Ch23130_1RB_OS0

DUT: BFOK-WTW-P22010278

Communication System: UID 10175 - CAG, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK); Frequency: 711 MHz; Duty Cycle: 1:3.74

Medium: H06T09N1_0128 Medium parameters used: $f = 711$ MHz; $\sigma = 0.889$ S/m; $\epsilon_r = 41.574$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7537; ConvF(10.69, 10.69, 10.69) @ 711 MHz; Calibrated: 2021/04/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2021/04/15
- Phantom: Twin-SAM V8.0_1988; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x141x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm
Maximum value of SAR (interpolated) = 0.233 W/kg

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

Reference Value = 17.01 V/m; Power Drift = -0.01 dB

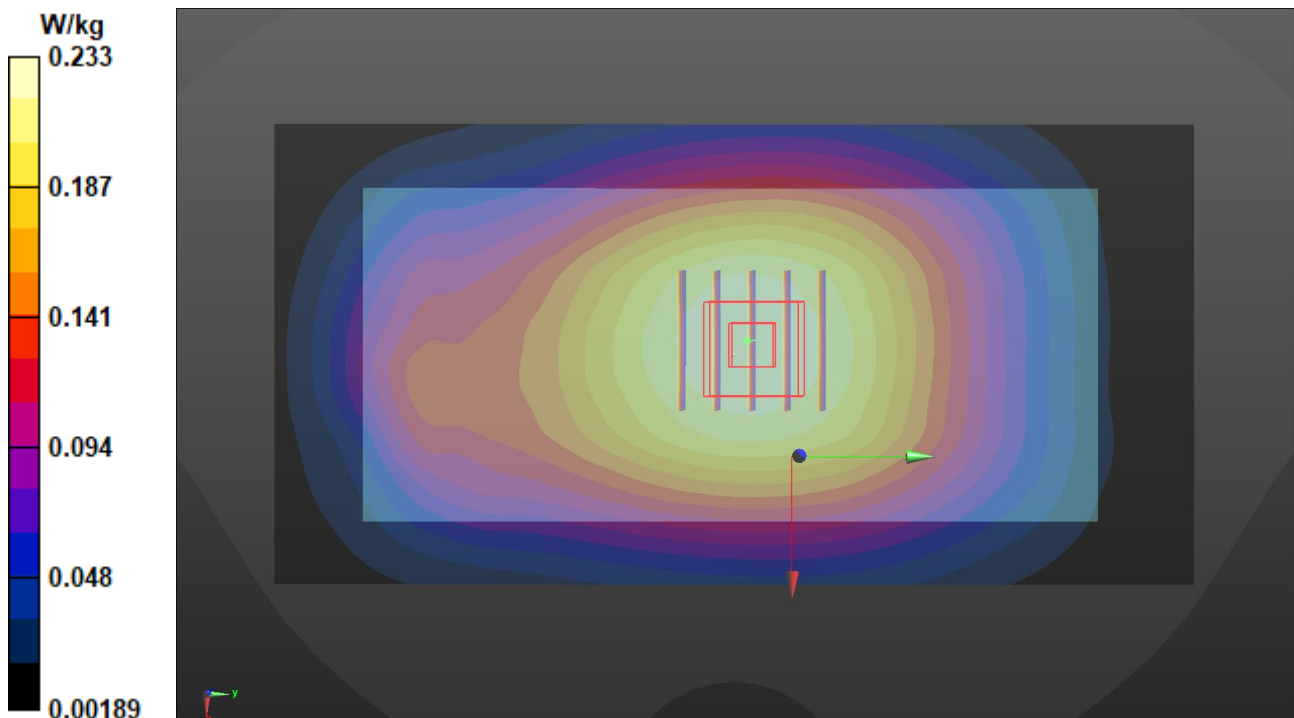
Peak SAR (extrapolated) = 0.247 W/kg

SAR(1 g) = 0.195 W/kg; SAR(10 g) = 0.151 W/kg (SAR corrected for target medium)

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

Ratio of SAR at M2 to SAR at M1 = 79%

Maximum value of SAR (measured) = 0.230 W/kg



Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/01/28

P14 LTE 13_QPSK10M_Rear Face_10mm_Ch23230_1RB_OS0

DUT: BFOK-WTW-P22010278

Communication System: UID 10175 - CAG, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK); Frequency: 782 MHz; Duty Cycle: 1:3.74

Medium: H06T09N1_0128 Medium parameters used: $f = 782$ MHz; $\sigma = 0.915$ S/m; $\epsilon_r = 41.389$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7537; ConvF(10.69, 10.69, 10.69) @ 782 MHz; Calibrated: 2021/04/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2021/04/15
- Phantom: Twin-SAM V8.0_1988; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.285 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.65 V/m; Power Drift = -0.04 dB

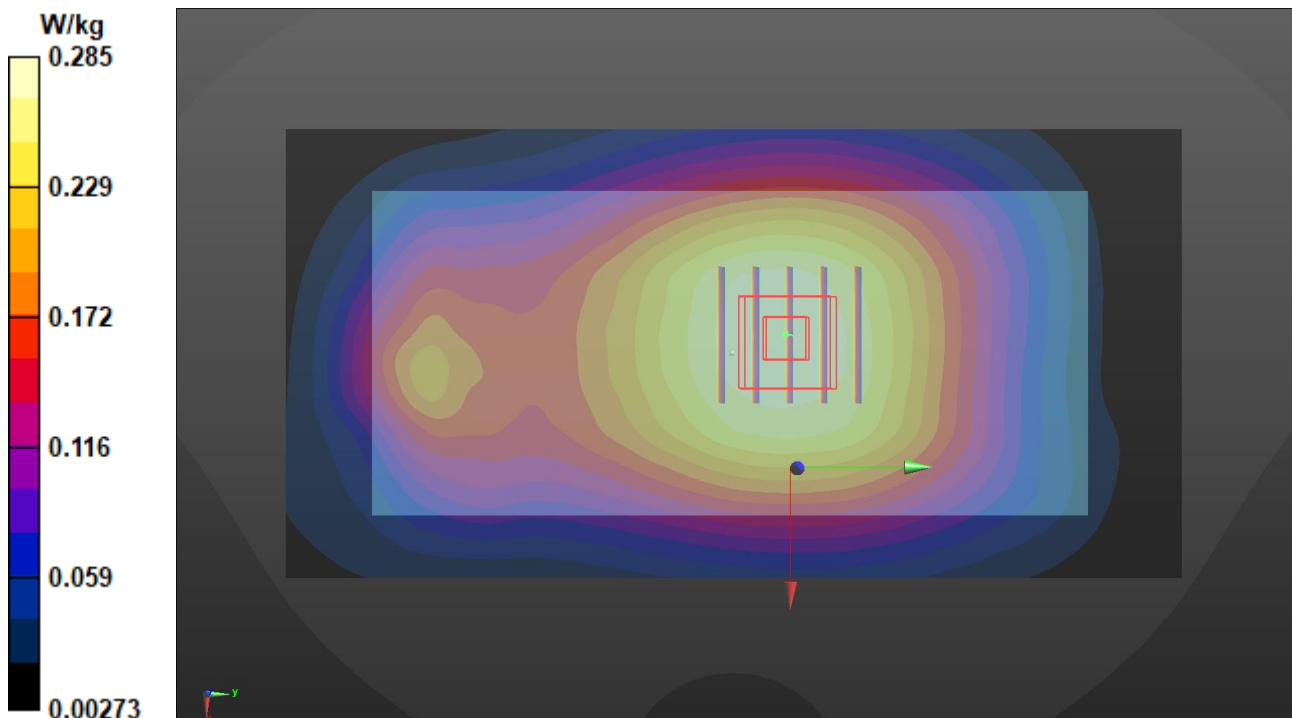
Peak SAR (extrapolated) = 0.305 W/kg

SAR(1 g) = 0.235 W/kg; SAR(10 g) = 0.182 W/kg (SAR corrected for target medium)

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

Ratio of SAR at M2 to SAR at M1 = 78.2%

Maximum value of SAR (measured) = 0.284 W/kg



Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/01/27

P15 LTE 66_QPSK20M_Front Face_10mm_Ch132072_1RB_OS0

DUT: BFOK-WTW-P22010278

Communication System: UID 10169 - CAE, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 1720 MHz; Duty Cycle: 1:3.74

Medium: H16T20N1_0127 Medium parameters used: $f = 1720$ MHz; $\sigma = 1.357$ S/m; $\epsilon_r = 39.176$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C ; Liquid Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7537; ConvF(8.55, 8.55, 8.55) @ 1720 MHz; Calibrated: 2021/04/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2021/04/15
- Phantom: Twin-SAM V8.0_1988; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x141x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm
Maximum value of SAR (interpolated) = 0.331 W/kg

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

Reference Value = 15.51 V/m; Power Drift = -0.07 dB

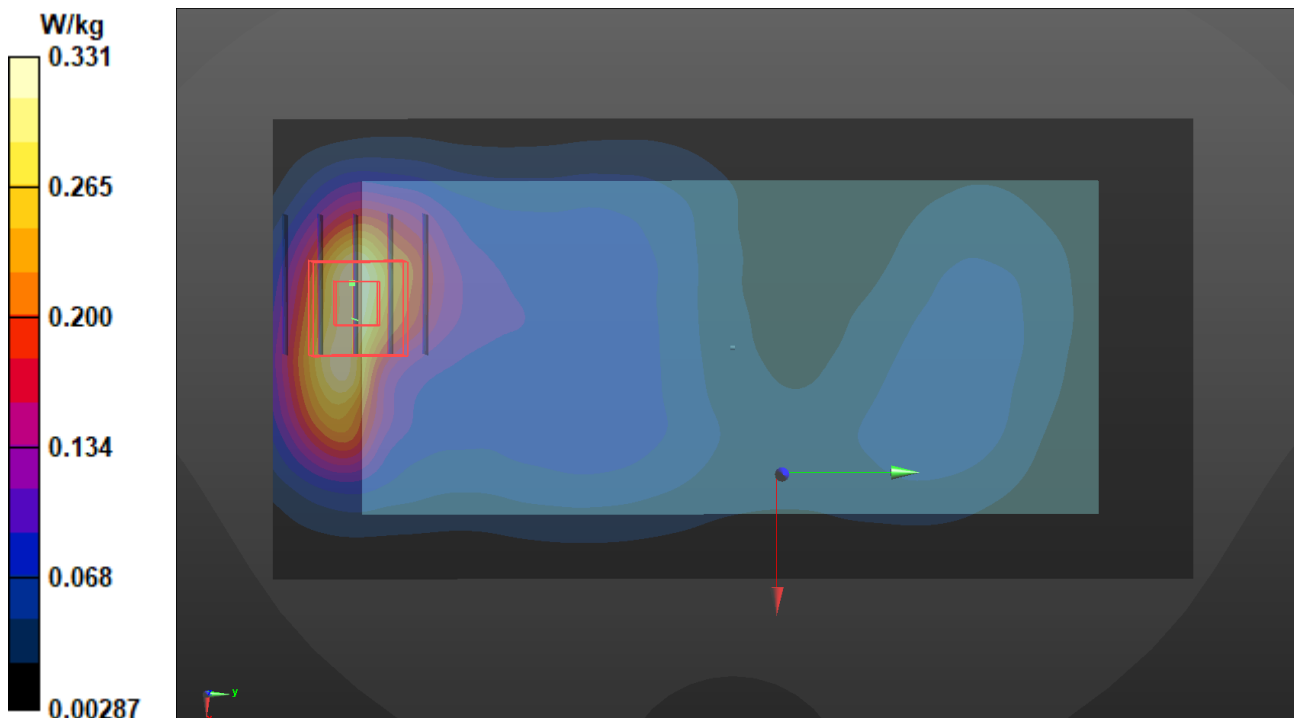
Peak SAR (extrapolated) = 0.391 W/kg

SAR(1 g) = 0.227 W/kg; SAR(10 g) = 0.133 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 12.9 mm

Ratio of SAR at M2 to SAR at M1 = 59.6%

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



Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/01/26

P16 WLAN2.4G_802.11b_Rear Face_10mm_Ch11

DUT: BFOK-WTW-P22010278

Communication System: UID 10012 - CAB, IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps); Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: H19T27N1_0126 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.883$ S/m; $\epsilon_r = 38.993$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7555; ConvF(7.9, 7.9, 7.9) @ 2462 MHz; Calibrated: 2021/09/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2021/08/20
- Phantom: SAM Phantom_1985; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (91x171x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

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

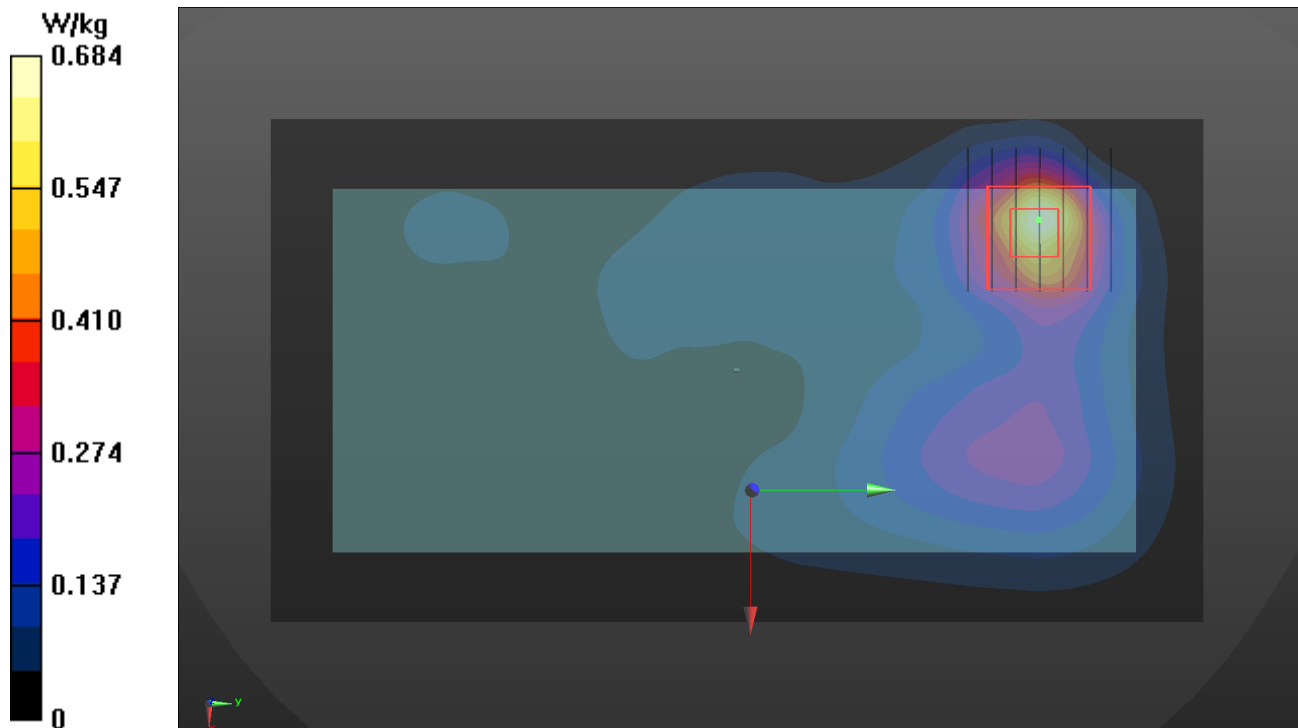
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 15.80 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.702 W/kg

SAR(1 g) = 0.241 W/kg; SAR(10 g) = 0.155 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.537 W/kg



Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/01/26

P17 WLAN5.3G_802.11a_Rear Face_10mm_Ch52

DUT: BFOK-WTW-P22010278

Communication System: UID 10062 - CAD, IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps); Frequency: 5260 MHz; Duty Cycle: 1:1

Medium: H34T60N1_0126 Medium parameters used: $f = 5260$ MHz; $\sigma = 4.706$ S/m; $\epsilon_r = 36.099$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7555; ConvF(5.45, 5.45, 5.45) @ 5260 MHz; Calibrated: 2021/09/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2021/08/20
- Phantom: SAM Phantom_1985; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (111x201x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.958 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 13.63 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 1.48 W/kg

SAR(1 g) = 0.422 W/kg; SAR(10 g) = 0.138 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 = 67%

Maximum value of SAR (measured) = 0.947 W/kg



Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/01/26

P18 WLAN5.6G_802.11a_Rear Face_10mm_Ch140

DUT: BFOK-WTW-P22010278

Communication System: UID 10062 - CAD, IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps); Frequency: 5700 MHz; Duty Cycle: 1:1

Medium: H34T60N1_0126 Medium parameters used: $f = 5720$ MHz; $\sigma = 5.221$ S/m; $\epsilon_r = 35.551$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7555; ConvF(5, 5, 5) @ 5720 MHz; Calibrated: 2021/09/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2021/08/20
- Phantom: SAM Phantom_1985; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (111x201x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.907 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 14.05 V/m; Power Drift = -0.18 dB

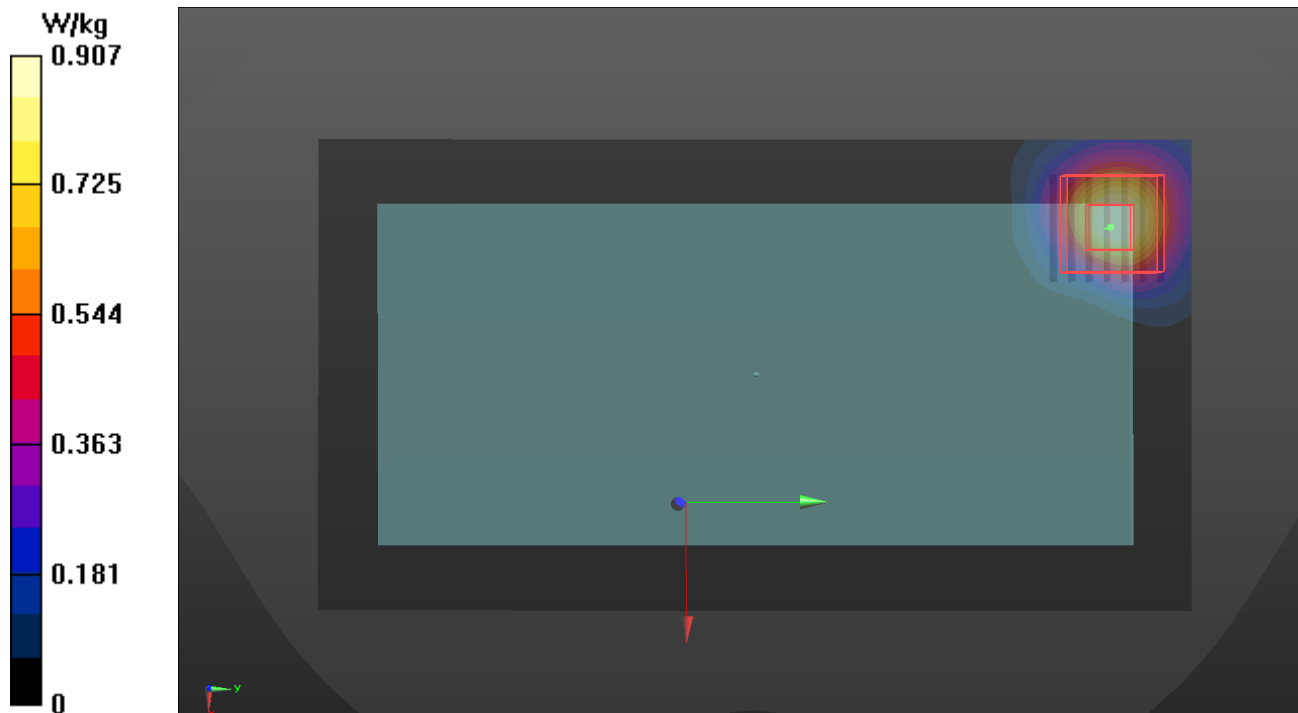
Peak SAR (extrapolated) = 1.74 W/kg

SAR(1 g) = 0.426 W/kg; SAR(10 g) = 0.151 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 9.7 mm

Ratio of SAR at M2 to SAR at M1 = 62.9%

Maximum value of SAR (measured) = 1.06 W/kg



Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/01/26

P19 WLAN5.8G_802.11a_Rear Face_10mm_Ch165

DUT: BFOK-WTW-P22010278

Communication System: UID 10062 - CAD, IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps); Frequency: 5825 MHz; Duty Cycle: 1:1

Medium: H34T60N1_0126 Medium parameters used: $f = 5825$ MHz; $\sigma = 5.174$ S/m; $\epsilon_r = 35.468$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7555; ConvF(5, 5, 5) @ 5825 MHz; Calibrated: 2021/09/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2021/08/20
- Phantom: SAM Phantom_1985; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (111x201x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.985 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 19.86 V/m; Power Drift = -0.12 dB

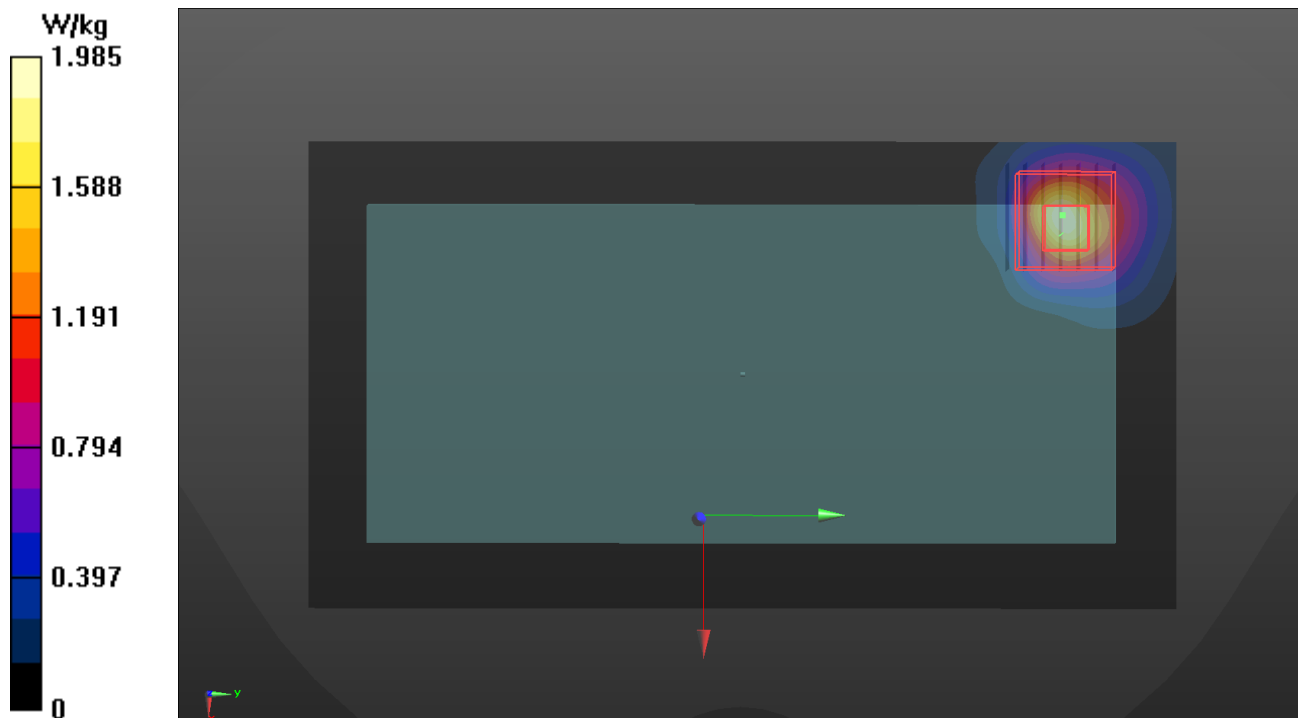
Peak SAR (extrapolated) = 3.82 W/kg

SAR(1 g) = 0.932 W/kg; SAR(10 g) = 0.310 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 8.8 mm

Ratio of SAR at M2 to SAR at M1 = 61.6%

Maximum value of SAR (measured) = 2.26 W/kg



Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/01/27

P20 BT_BDR_Rear Face_10mm_Ch39

DUT: BFOK-WTW-P22010278

Communication System: UID 10032 - CAA, IEEE 802.15.1 Bluetooth (GFSK, DH5); Frequency: 2441 MHz; Duty Cycle: 1:1.31

Medium: H19T27N1_0127 Medium parameters used (interpolated): $f = 2441$ MHz; $\sigma = 1.855$ S/m; $\epsilon_r = 38.106$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7555; ConvF(7.9, 7.9, 7.9) @ 2441 MHz; Calibrated: 2021/09/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2021/08/20
- Phantom: SAM Phantom_1985; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (91x171x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm
Maximum value of SAR (interpolated) = 0.190 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 8.402 V/m; Power Drift = -0.16 dB

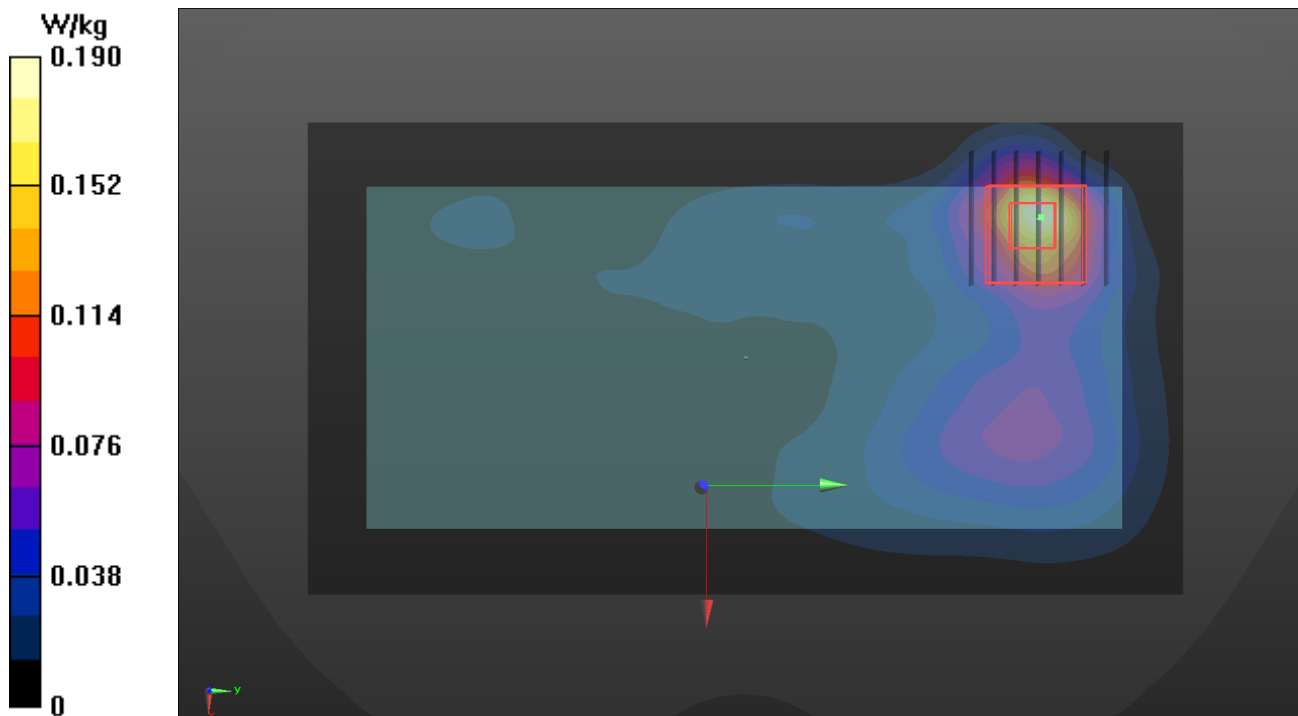
Peak SAR (extrapolated) = 0.199 W/kg

SAR(1 g) = 0.088 W/kg; SAR(10 g) = 0.043 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 11.7 mm

Ratio of SAR at M2 to SAR at M1 = 43.4%

Maximum value of SAR (measured) = 0.151 W/kg



Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/01/27

P21 LTE 2_QPSK20M_Bottom Side_10mm_Ch18700_1RB_OS0

DUT: BFOK-WTW-P22010278

Communication System: UID 10169 - CAE, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 1860 MHz; Duty Cycle: 1:3.74

Medium: H16T20N1_0127 Medium parameters used: $f = 1860$ MHz; $\sigma = 1.438$ S/m; $\epsilon_r = 38.872$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C ; Liquid Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7537; ConvF(8.27, 8.27, 8.27) @ 1860 MHz; Calibrated: 2021/04/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2021/04/15
- Phantom: Twin-SAM V8.0_1988; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 0.918 W/kg

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

Reference Value = 25.40 V/m; Power Drift = -0.04 dB

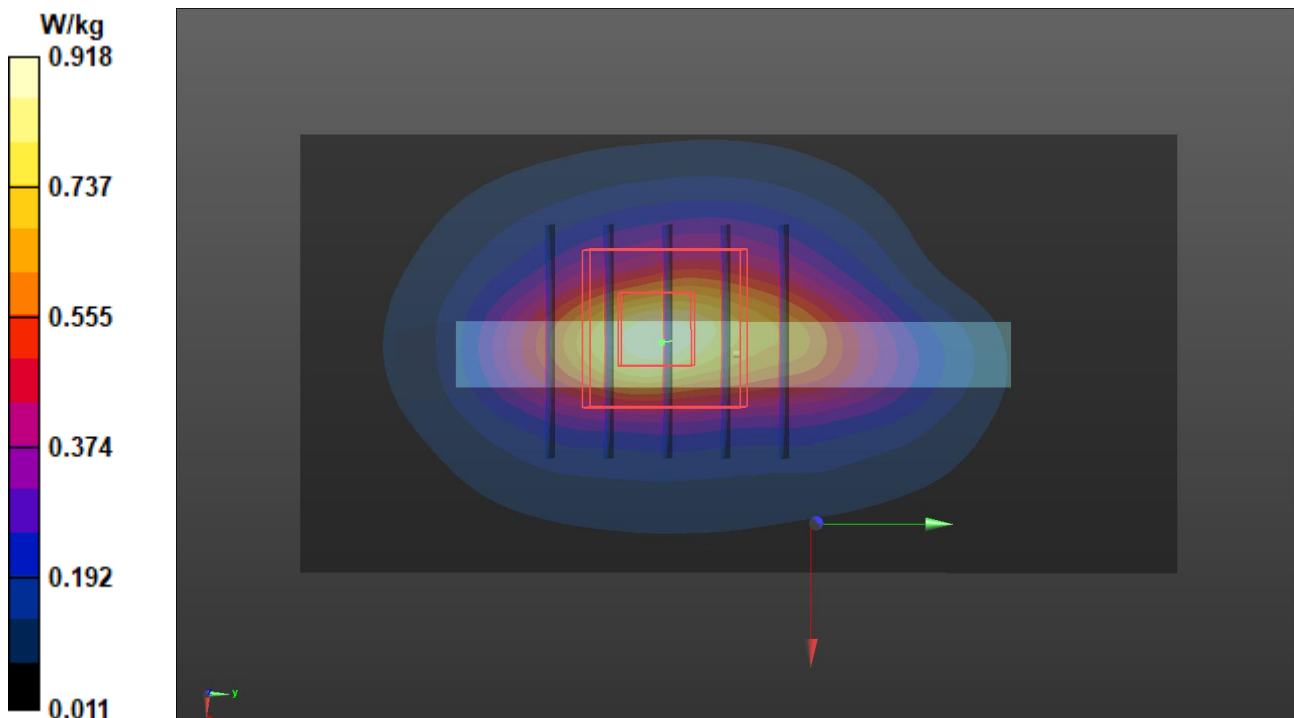
Peak SAR (extrapolated) = 1.08 W/kg

SAR(1 g) = 0.601 W/kg; SAR(10 g) = 0.323 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 10.1 mm

Ratio of SAR at M2 to SAR at M1 = 58.8%

Maximum value of SAR (measured) = 0.910 W/kg



Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/01/27

P25 LTE 66_QPSK20M_Bottom Side_10mm_Ch132072_1RB_OS0

DUT: BFOK-WTW-P22010278

Communication System: UID 10169 - CAE, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 1720 MHz; Duty Cycle: 1:3.74

Medium: H16T20N1_0127 Medium parameters used: $f = 1720$ MHz; $\sigma = 1.357$ S/m; $\epsilon_r = 39.176$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C ; Liquid Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7537; ConvF(8.55, 8.55, 8.55) @ 1720 MHz; Calibrated: 2021/04/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2021/04/15
- Phantom: Twin-SAM V8.0_1988; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 1.190 W/kg

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

Reference Value = 28.06 V/m; Power Drift = -0.04 dB

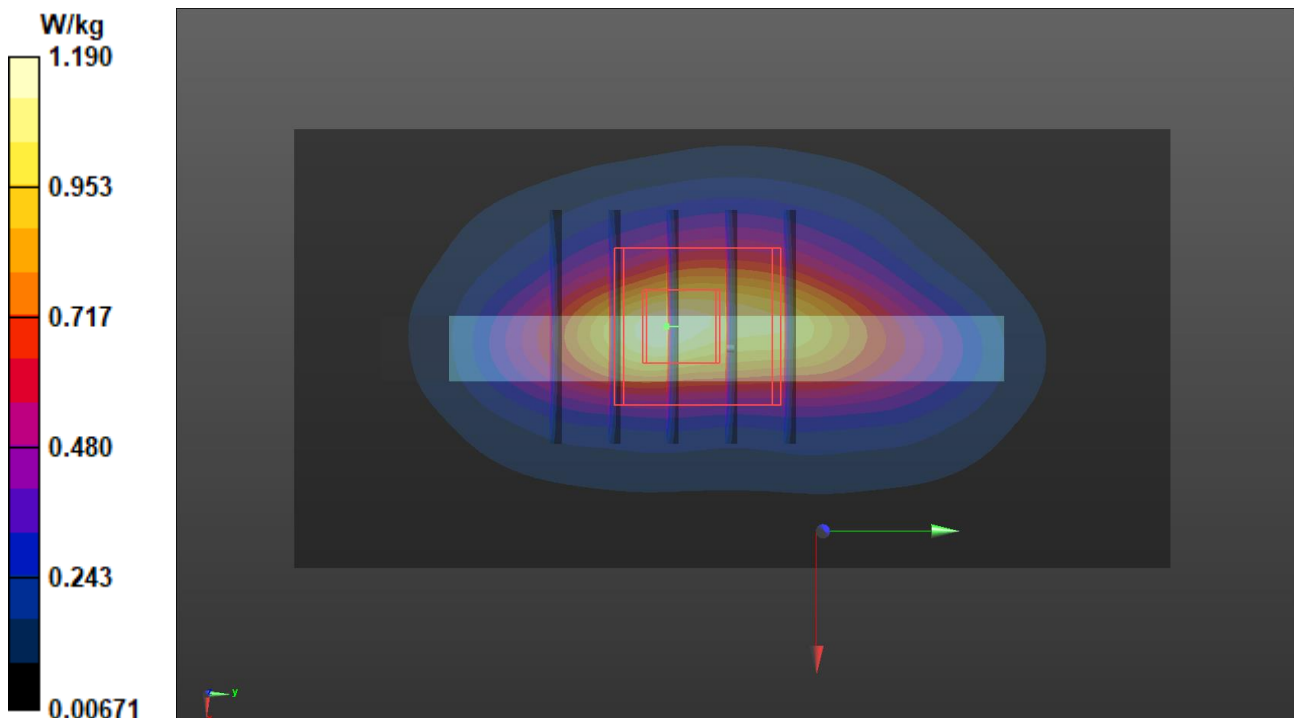
Peak SAR (extrapolated) = 1.37 W/kg

SAR(1 g) = 0.763 W/kg; SAR(10 g) = 0.414 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 = 57.5%

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



Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/01/26

P27 WLAN5.2G_802.11a_Rear Face_10mm_Ch36

DUT: BFOK-WTW-P22010278

Communication System: UID 10062 - CAD, IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps); Frequency: 5180 MHz; Duty Cycle: 1:1

Medium: H34T60N1_0126 Medium parameters used: $f = 5180$ MHz; $\sigma = 4.519$ S/m; $\epsilon_r = 35.771$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7555; ConvF(5.45, 5.45, 5.45) @ 5260 MHz; Calibrated: 2021/09/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2021/08/20
- Phantom: SAM Phantom_1985; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (111x201x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.958 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 13.63 V/m; Power Drift = 0.11 dB

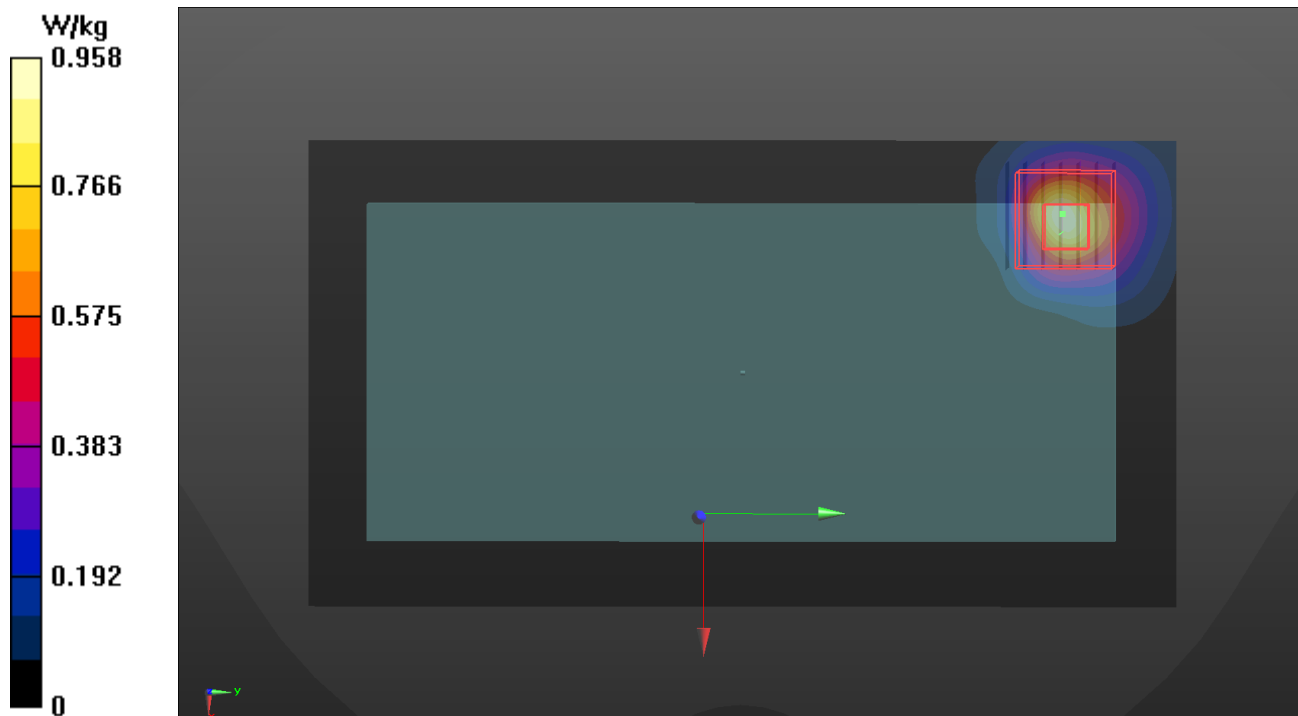
Peak SAR (extrapolated) = 1.48 W/kg

SAR(1 g) = 0.402 W/kg; SAR(10 g) = 0.132 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 = 67%

Maximum value of SAR (measured) = 0.947 W/kg



Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/01/27

P30 WLAN5.6G_802.11a_Rear Face_0mm_Ch140

DU: BFOK-WTW-P22010278

Communication System: UID 10062 - CAD, IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps); Frequency: 5700 MHz; Duty Cycle: 1:1

Medium: H34T60N1_0127 Medium parameters used: $f = 5720$ MHz; $\sigma = 5.242$ S/m; $\epsilon_r = 36.511$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7555; ConvF(5, 5, 5) @ 5720 MHz; Calibrated: 2021/09/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2021/08/20
- Phantom: SAM Phantom_1985; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (111x201x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 3.900 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 26.10 V/m; Power Drift = -0.10 dB

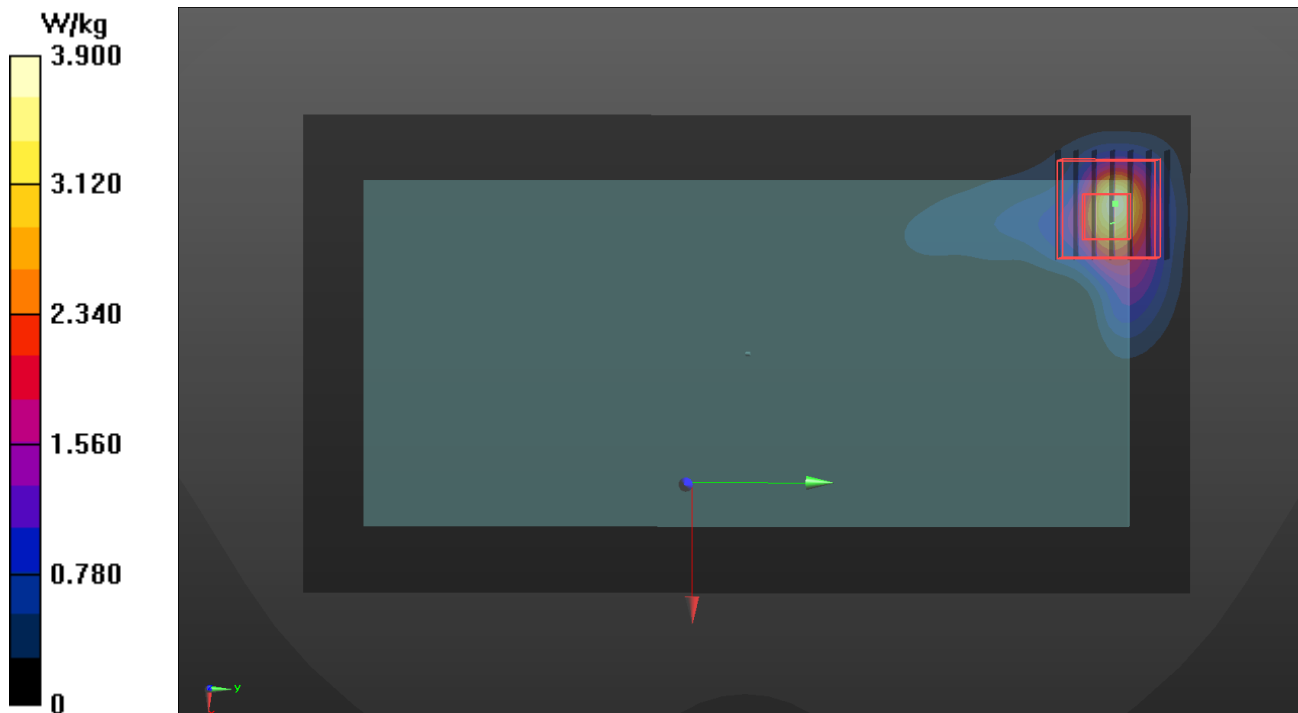
Peak SAR (extrapolated) = 15.6 W/kg

SAR(1 g) = 3.12 W/kg; SAR(10 g) = 0.746 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 = 62%

Maximum value of SAR (measured) = 8.53 W/kg



Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/01/27

P31 WLAN5.3G_802.11a_Rear Face_0mm_Ch52

DU: BFOK-WTW-P22010278

Communication System: UID 10062 - CAD, IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps); Frequency: 5260 MHz; Duty Cycle: 1:1

Medium: H34T60N1_0127 Medium parameters used: $f = 5260$ MHz; $\sigma = 4.706$ S/m; $\epsilon_r = 36.099$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7555; ConvF(5, 5, 5) @ 5720 MHz; Calibrated: 2021/09/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2021/08/20
- Phantom: SAM Phantom_1985; Type: QD 000 P41 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (111x201x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 3.900 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 26.10 V/m; Power Drift = -0.04 dB

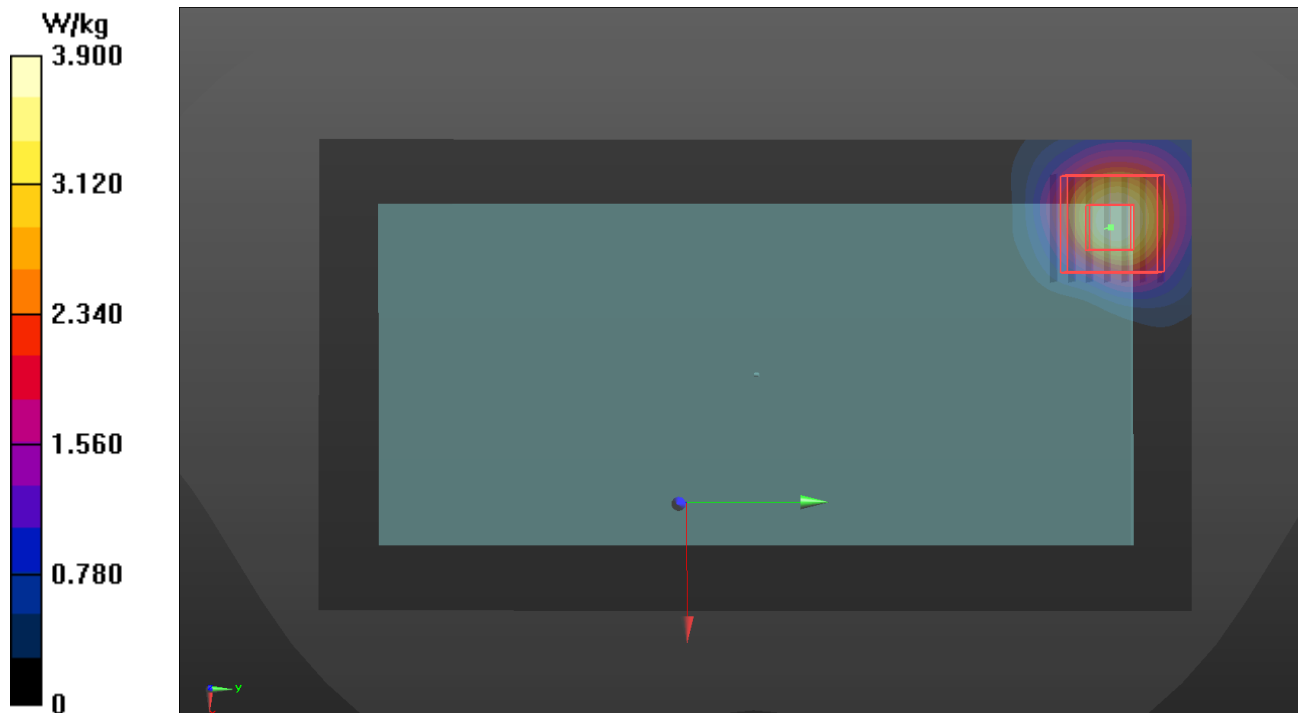
Peak SAR (extrapolated) = 15.6 W/kg

SAR(1 g) = 2.39 W/kg; SAR(10 g) = 0.594 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 = 62%

Maximum value of SAR (measured) = 8.53 W/kg



Annex C. Tissue & System Verification

The measuring results for tissue simulating liquid and system check are shown as below.

Note:

1. For Section 4.3, the dielectric properties of the tissue simulating liquid have been measured within 24 hours before the SAR testing and within $\pm 10\%$ of the target values. Liquid temperature during the SAR testing has kept within $\pm 2^\circ\text{C}$.
2. For Section 4.4, The SAR measurement system was validated according to procedures in KDB 865664 D01. The validation status in tabulated summary is as below.
3. For Section 4.5, Comparing to the reference SAR value provided by SPEAG in dipole calibration certificate, the deviation of system check results is within its specification of 10 %. The result indicates the system check can meet the variation criterion and the plots please refer to Annex A of this report.

Tissue Verification									Validation for CW			Validation for Modulation				System Validation					Note			
Plot No.	Frequency (MHz)	Liquid Temp. (°C)	Conductivity (σ)	Permittivity (ε _r)	Targeted Conductivity (σ)	Targeted Permittivity (ε _r)	Deviation Conductivity (σ)	Deviation Permittivity (ε _r)	Sensitivity Range	Probe Linearity	Probe Isotropy	Modulation Type	Duty Factor	PAR	Date	Frequency (MHz)	Targeted 1g SAR (W/kg)	Measured 1g SAR (W/kg)	Normalized 1g SAR (W/kg)	Deviation (%)	Dipole S/N	Probe S/N	DAE S/N	Output Power (dB)
S01	1900	23.4	1.463	38.834	1.4	40	4.50	-2.91	Pass	Pass	Pass	N/A	N/A	N/A	Jan. 27, 2022	1900	40.40	1.91	38.11	-5.67	5d036	7537	1585	17
S02	835	23.4	0.934	40.295	0.9	41.5	3.78	-2.90	Pass	Pass	Pass	N/A	N/A	N/A	Jan. 27, 2022	835	9.58	0.45	8.98	-6.28	4d121	7537	1585	17
S03	750	23.3	0.902	41.563	0.9	42	0.22	-1.04	Pass	Pass	Pass	N/A	N/A	N/A	Jan. 26, 2022	750	8.56	0.394	7.86	-8.16	1013	7537	1585	17
S04	750	23.3	0.902	41.563	0.9	42	0.22	-1.04	Pass	Pass	Pass	N/A	N/A	N/A	Jan. 26, 2022	750	8.56	0.394	7.86	-8.16	1013	7537	1585	17
S05	1750	23.4	1.372	39.099	1.37	40.1	0.15	-2.50	Pass	Pass	Pass	N/A	N/A	N/A	Jan. 27, 2022	1750	35.80	1.79	35.72	-0.24	1055	7537	1585	17
S06	2450	23.3	1.869	39.986	1.8	39.2	3.83	2.01	Pass	Pass	Pass	OFDM	N/A	Pass	Jan. 26, 2022	2450	52.60	2.44	48.68	-7.44	737	7537	1585	17
S07	5250	23.3	4.78	35.347	4.71	35.9	1.49	-1.54	Pass	Pass	Pass	OFDM	N/A	Pass	Jan. 26, 2022	5250	80.60	3.84	76.62	-4.94	1019	7537	1585	17
S08	5600	23.3	5.159	34.746	5.07	35.5	1.76	-2.12	Pass	Pass	Pass	OFDM	N/A	Pass	Jan. 26, 2022	5600	82.40	4.18	83.40	1.22	1019	7537	1585	17
S09	5750	23.3	5.313	34.366	5.22	35.4	1.78	-2.92	Pass	Pass	Pass	OFDM	N/A	Pass	Jan. 26, 2022	5750	79.40	3.76	75.02	-5.51	1019	7537	1585	17
S10	2450	23.3	1.869	39.986	1.8	39.2	3.83	2.01	Pass	Pass	Pass	OFDM	N/A	Pass	Jan. 26, 2022	2450	52.60	2.44	48.68	-7.44	737	7537	1585	17
S11	1900	23.4	1.463	38.834	1.4	40	4.50	-2.91	Pass	Pass	Pass	N/A	N/A	N/A	Jan. 27, 2022	1900	40.40	1.91	38.11	-5.67	5d036	7537	1585	17
S12	835	23.3	0.935	40.685	0.9	41.5	3.89	-1.96	Pass	Pass	Pass	N/A	N/A	N/A	Jan. 28, 2022	835	9.58	0.451	9.00	-6.07	4d121	7537	1585	17
S13	750	23.3	0.903	41.481	0.9	42	0.33	-1.24	Pass	Pass	Pass	N/A	N/A	N/A	Jan. 28, 2022	750	8.56	0.394	7.86	-8.16	1013	7537	1585	17
S14	750	23.3	0.903	41.481	0.9	42	0.33	-1.24	Pass	Pass	Pass	N/A	N/A	N/A	Jan. 28, 2022	750	8.56	0.394	7.86	-8.16	1013	7537	1585	17
S15	1750	23.4	1.372	39.099	1.37	40.1	0.15	-2.50	Pass	Pass	Pass	N/A	N/A	N/A	Jan. 27, 2022	1750	35.80	1.79	35.72	-0.24	1055	7537	1585	17
S16	2450	23.2	1.87	39.027	1.8	39.2	3.89	-0.44	Pass	Pass	Pass	OFDM	N/A	Pass	Jan. 26, 2022	2450	52.60	2.58	51.48	-2.13	737	7555	1341	17
S17	5250	23.2	4.699	36.155	4.71	35.9	-0.23	0.71	Pass	Pass	Pass	OFDM	N/A	Pass	Jan. 26, 2022	5250	80.60	3.83	76.42	-5.19	1019	7555	1341	17
S18	5600	23.2	4.996	35.797	5.07	35.5	-1.46	0.84	Pass	Pass	Pass	OFDM	N/A	Pass	Jan. 26, 2022	5600	82.40	4.15	82.80	0.49	1019	7555	1341	17
S19	5750	23.2	5.266	35.45	5.22	35.4	0.88	0.14	Pass	Pass	Pass	OFDM	N/A	Pass	Jan. 26, 2022	5750	79.40	3.72	74.22	-6.52	1019	7555	1341	17
S20	2450	23.1	1.864	38.07	1.8	39.2	3.56	-2.88	Pass	Pass	Pass	OFDM	N/A	Pass	Jan. 27, 2022	2450	52.60	2.57	51.28	-2.51	737	7555	1341	17
S21	1900	23.4	1.463	38.834	1.4	40	4.50	-2.91	Pass	Pass	Pass	N/A	N/A	N/A	Jan. 27, 2022	1900	40.40	1.91	38.11	-5.67	5d036	7537	1585	17
S25	1750	23.4	1.372	39.099	1.37	40.1	0.15	-2.50	Pass	Pass	Pass	N/A	N/A	N/A	Jan. 27, 2022	1750	35.80	1.79	35.72	-0.24	1055	7537	1585	17
S27	5250	23.2	4.699	36.155	4.71	35.9	-0.23	0.71	Pass	Pass	Pass	OFDM	N/A	Pass	Jan. 26, 2022	5250	80.60	3.83	76.42	-5.19	1019	7555	1341	17

Tissue Verification									Validation for CW			Validation for Modulation				System Validation					Note			
Plot No.	Frequency (MHz)	Liquid Temp. (°C)	Conductivity (σ)	Permittivity (ε _r)	Targeted Conductivity (σ)	Targeted Permittivity (ε _r)	Deviation Conductivity (σ)	Deviation Permittivity (ε _r)	Sensitivity Range	Probe Linearity	Probe Isotropy	Modulation Type	Duty Factor	PAR	Date	Frequency (MHz)	Targeted 10g SAR (W/kg)	Measured 10g SAR (W/kg)	Normalized 10g SAR (W/kg)	Deviation (%)	Dipole S/N	Probe S/N	DAE S/N	Output Power (dB)
S30	5600	23.1	5.132	36.728	5.07	35.5	1.22	3.46	Pass	Pass	Pass	OFDM	N/A	Pass	Jan. 27, 2022	5600	23.30	1.23	24.54	5.33	1019	7555	1341	17
S31	5250	23.2	4.699	36.155	4.71	35.9	-0.23	0.71	Pass	Pass	Pass	OFDM	N/A	Pass	Jan. 26, 2022	5250	23.00	1.11	22.15	-3.71	1019	7555	1341	17

Annex D. Maximum Target Conducted Power

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

LTE Max. Tune-up Power (Head when DSI=1)		
Mode	QPSK	16QAM
	Maximum Target Power	Maximum Target Power
LTE 2	24.0	23.0
LTE 4	24.0	23.0
LTE 5	24.0	23.0
LTE 12	23.0	22.0
LTE 13	23.0	22.0
LTE 66	24.0	23.0

LTE Max. Tune-up Power (Body-worn, Hotspot and Extremity when DSI=2)		
Mode	QPSK	16QAM
	Maximum Target Power	Maximum Target Power
LTE 2	20.5	20.5
LTE 4	18.5	18.5
LTE 5	24.0	23.0
LTE 12	23.0	22.0
LTE 13	23.0	22.0
LTE 66	18.5	18.5

WLAN/BT Tune-up Power (Head when DSI=1)			
WLAN 2.4GHz			
Mode	Channel	Frequency	Max Tune up
802.11b	1	2412	15.5
	6	2437	15.5
	11	2462	15.5
802.11g	1	2412	17.0
	6	2437	17.0
	11	2462	17.0
802.11n HT20	1	2412	16.0
	6	2437	16.0
	11	2462	16.0
802.11n HT40	3	2422	16.0
	6	2437	16.0
	9	2452	16.0

WLAN/BT Tune-up Power (Head when DSI=1)			
Bluetooth			
Mode	Channel	Frequency	Max Tune up
BR / EDR	0	2402	10.0
	39	2441	10.0
	78	2480	10.0
LE	0	2402	-1.5
	19	2440	-1.5
	39	2480	-1.5

WLAN/BT Tune-up Power (Head when DSI=1)			
WLAN 5.2GHz			
Mode	Channel	Frequency	Max Tune up
802.11a	36	5180	14.5
	40	5200	14.5
	44	5220	14.5
	48	5240	14.5
802.11n HT20	36	5180	14.5
	40	5200	14.5
	44	5220	14.5
	48	5240	14.5
802.11n HT40	38	5190	14.5
	46	5230	14.5
802.11ac VHT20	36	5180	14.0
	40	5200	14.0
	44	5220	14.0
	48	5240	14.0
802.11ac VHT40	38	5190	14.0
	46	5230	14.0
802.11ac VHT80	42	5210	13.0

WLAN/BT Tune-up Power (Head when DSI=1)			
WLAN 5.3GHz			
Mode	Channel	Frequency	Max Tune up
802.11a	52	5260	14.5
	56	5280	14.5
	60	5300	14.5
	64	5320	14.5
802.11n HT20	52	5260	14.5
	56	5280	14.5
	60	5300	14.5
	64	5320	14.5
802.11n HT40	54	5270	14.5
	62	5310	14.5
802.11ac VHT20	52	5260	14.0
	56	5280	14.0
	60	5300	14.0
	64	5320	14.0
802.11ac VHT40	54	5270	14.0
	62	5310	14.0
802.11ac VHT80	58	5290	13.0

WLAN/BT Tune-up Power (Head when DSI=1)			
WLAN 5.6GHz			
Mode	Channel	Frequency	Max Tune up
802.11a	100	5500	14.5
	116	5580	14.5
	120	5600	14.5
	124	5620	14.5
	132	5660	14.5
	140	5700	14.5
802.11n HT20	100	5500	14.5
	116	5580	14.5
	120	5600	14.5
	124	5620	14.5
	132	5660	14.5
	140	5700	14.5
802.11n HT40	102	5510	14.5
	110	5550	14.5
	118	5590	14.5
	126	5630	14.5
	134	5670	14.5
802.11ac VHT20	100	5500	14.0
	116	5580	14.0
	120	5600	14.0
	124	5620	14.0
	132	5660	14.0
	140	5700	14.0
802.11ac VHT40	102	5510	14.0
	110	5550	14.0
	118	5590	14.0
	126	5630	14.0
	134	5670	14.0
802.11ac VHT80	106	5530	13.0
	122	5610	13.0

WLAN/BT Tune-up Power (Head when DSI=1)			
WLAN 5.8GHz			
Mode	Channel	Frequency	Max Tune up
802.11a	149	5745	14.5
	153	5765	14.5
	157	5785	14.5
	161	5805	14.5
	165	5825	14.5
802.11n HT20	149	5745	14.5
	153	5765	14.5
	157	5785	14.5
	161	5805	14.5
	165	5825	14.5
802.11n HT40	151	5755	14.5
	159	5795	14.5
802.11ac VHT20	149	5745	14.0
	153	5765	14.0
	157	5785	14.0
	161	5805	14.0
	165	5825	14.0
802.11ac VHT40	151	5755	14.0
	159	5795	14.0
802.11ac VHT80	155	5775	13.0

WLAN/BT Tune-up Power (Body-worn, Hotspot and Extremity when DSI=2)			
WLAN2.4GHz			
Mode	Channel	Frequency	Max Tune up
802.11b	1	2412	15.5
	6	2437	15.5
	11	2462	15.5
802.11g	1	2412	17.0
	6	2437	17.0
	11	2462	17.0
802.11n HT20	1	2412	16.0
	6	2437	16.0
	11	2462	16.0
802.11n HT40	3	2422	16.0
	6	2437	16.0
	9	2452	16.0

WLAN/BT Tune-up Power (Body-worn, Hotspot and Extremity when DSI=2)			
Bluetooth			
Mode	Channel	Frequency	Max Tune up
BR / EDR	0	2402	10.0
	39	2441	10.0
	78	2480	10.0
LE	0	2402	-1.5
	19	2440	-1.5
	39	2480	-1.5

WLAN/BT Tune-up Power (Body-worn, Hotspot and Extremity when DSI=2)			
WLAN 5.2GHz			
Mode	Channel	Frequency	Max Tune up
802.11a	36	5180	16.5
	40	5200	16.5
	44	5220	16.5
	48	5240	16.5
802.11n HT20	36	5180	15.5
	40	5200	15.5
	44	5220	15.5
	48	5240	15.5
802.11n HT40	38	5190	15.5
	46	5230	15.5
802.11ac VHT20	36	5180	14.0
	40	5200	14.0
	44	5220	14.0
	48	5240	14.0
802.11ac VHT40	38	5190	14.0
	46	5230	14.0
802.11ac VHT80	42	5210	14.0

WLAN/BT Tune-up Power (Body-worn, Hotspot and Extremity when DSI=2)			
WLAN 5.3GHz			
Mode	Channel	Frequency	Max Tune up
802.11a	52	5260	16.5
	56	5280	16.5
	60	5300	16.5
	64	5320	16.5
802.11n HT20	52	5260	15.5
	56	5280	15.5
	60	5300	15.5
	64	5320	15.5
802.11n HT40	54	5270	15.5
	62	5310	15.5
802.11ac VHT20	52	5260	14.0
	56	5280	14.0
	60	5300	14.0
	64	5320	14.0
802.11ac VHT40	54	5270	14.0
	62	5310	14.0
802.11ac VHT80	58	5290	14.0

WLAN/BT Tune-up Power (Body-worn, Hotspot and Extremity when DSI=2)			
WLAN 5.6GHz			
Mode	Channel	Frequency	Max Tune up
802.11a	100	5500	16.5
	116	5580	16.5
	120	5600	16.5
	124	5620	16.5
	132	5660	16.5
	140	5700	16.5
802.11n HT20	100	5500	15.5
	116	5580	15.5
	120	5600	15.5
	124	5620	15.5
	132	5660	15.5
	140	5700	15.5
802.11n HT40	102	5510	15.5
	110	5550	15.5
	118	5590	15.5
	126	5630	15.5
	134	5670	15.5
802.11ac VHT20	100	5500	14.0
	116	5580	14.0
	120	5600	14.0
	124	5620	14.0
	132	5660	14.0
	140	5700	14.0
802.11ac VHT40	102	5510	14.0
	110	5550	14.0
	118	5590	14.0
	126	5630	14.0
	134	5670	14.0
802.11ac VHT80	106	5530	14.0
	122	5610	14.0

WLAN/BT Tune-up Power (Body-worn, Hotspot and Extremity when DSI=2)			
WLAN 5.8GHz			
Mode	Channel	Frequency	Max Tune up
802.11a	149	5745	16.5
	153	5765	16.5
	157	5785	16.5
	161	5805	16.5
	165	5825	16.5
802.11n HT20	149	5745	15.5
	153	5765	15.5
	157	5785	15.5
	161	5805	15.5
	165	5825	15.5
802.11n HT40	151	5755	15.5
	159	5795	15.5
802.11ac VHT20	149	5745	14.0
	153	5765	14.0
	157	5785	14.0
	161	5805	14.0
	165	5825	14.0
802.11ac VHT40	151	5755	14.0
	159	5795	14.0
802.11ac VHT80	155	5775	14.0

Annex E. Measured Conducted Power Result

The measuring conducted power (Unit: dBm) are shown as below.

LTE Conducted Power (Head when DSI=1)							
LTE Band 2							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)
		Channel		18700	18900	19100	
		Frequency (MHz)		1860	1880	1900	
20M	QPSK	1	0	22.31	22.47	22.15	0
		1	50	22.09	22.24	22.03	0
		1	99	22.01	22.15	22.01	0
		50	0	21.27	21.42	21.21	1
		50	25	21.23	21.38	21.17	1
		50	50	21.20	21.35	21.14	1
		100	0	21.22	21.37	21.16	1
20M	16QAM	1	0	21.58	21.73	21.52	1
		1	50	21.53	21.68	21.47	1
		1	99	21.37	21.52	21.31	1
		50	0	20.30	20.45	20.24	2
		50	25	20.26	20.41	20.20	2
		50	50	20.25	20.40	20.19	2
		100	0	20.28	20.43	20.22	2
BW	MCS Index	Channel		18675	18900	19125	3GPP MPR
		Frequency (MHz)		1857.5	1880	1902.5	
15M	QPSK	1	0	22.25	22.45	22.05	0
		1	37	22.03	22.23	22.03	0
		1	74	22.01	22.12	22.01	0
		36	0	21.22	21.33	21.21	1
		36	19	21.23	21.29	21.11	1
		36	39	21.20	21.32	21.04	1
		75	0	21.12	21.28	21.07	1
15M	16QAM	1	0	21.51	21.64	21.44	1
		1	37	21.49	21.61	21.44	1
		1	74	21.36	21.44	21.22	1
		36	0	20.23	20.39	20.23	2
		36	19	20.16	20.36	20.19	2
		36	39	20.18	20.31	20.10	2
		75	0	20.21	20.42	20.17	2

LTE Conducted Power (Head when DSI=1)							
LTE Band 2							
BW	MCS Index	Channel		18650	18900	19150	3GPP MPR
		Frequency (MHz)		1855	1880	1905	
10M	QPSK	1	0	22.23	22.42	22.05	0
		1	24	22.13	22.20	22.03	0
		1	49	22.01	22.11	22.01	0
		25	0	21.20	21.33	21.20	1
		25	12	21.13	21.35	21.16	1
		25	25	21.20	21.32	21.04	1
		50	0	21.19	21.35	21.13	1
10M	16QAM	1	0	21.52	21.71	21.44	1
		1	24	21.45	21.68	21.40	1
		1	49	21.28	21.51	21.29	1
		25	0	20.27	20.39	20.19	2
		25	12	20.23	20.40	20.11	2
		25	25	20.20	20.33	20.15	2
		50	0	20.20	20.43	20.21	2
BW	MCS Index	Channel		18625	18900	19175	3GPP MPR
		Frequency (MHz)		1852.5	1880	1907.5	
5M	QPSK	1	0	22.24	22.45	22.13	0
		1	12	22.04	22.21	22.03	0
		1	24	22.01	22.12	22.01	0
		12	0	21.23	21.40	21.21	1
		12	6	21.23	21.29	21.09	1
		12	13	21.10	21.28	21.05	1
		25	0	21.20	21.29	21.08	1
5M	16QAM	1	0	21.54	21.73	21.47	1
		1	12	21.47	21.63	21.38	1
		1	24	21.28	21.51	21.23	1
		12	0	20.21	20.42	20.23	2
		12	6	20.23	20.38	20.19	2
		12	13	20.23	20.40	20.17	2
		25	0	20.18	20.33	20.13	2

LTE Conducted Power (Head when DSI=1)							
LTE Band 2							
BW	MCS Index	Channel		18615	18900	19185	3GPP MPR
		Frequency (MHz)		1851.5	1880	1908.5	
3M	QPSK	1	0	22.27	22.37	22.10	0
		1	7	22.06	22.18	22.03	0
		1	14	22.01	22.08	22.01	0
		8	0	21.22	21.40	21.15	1
		8	3	21.15	21.37	21.10	1
		8	7	21.13	21.33	21.05	1
		15	0	21.21	21.32	21.14	1
3M	16QAM	1	0	21.48	21.63	21.50	1
		1	7	21.52	21.68	21.41	1
		1	14	21.29	21.45	21.29	1
		8	0	20.28	20.37	20.15	2
		8	3	20.21	20.37	20.20	2
		8	7	20.23	20.30	20.17	2
		15	0	20.23	20.39	20.20	2
BW	MCS Index	Channel		18607	18900	19193	3GPP MPR
		Frequency (MHz)		1850.7	1880	1909.3	
1.4M	QPSK	1	0	22.24	22.33	22.06	0
		1	2	22.21	22.11	22.03	0
		1	5	22.18	22.01	22.01	0
		3	0	22.09	22.36	22.05	0
		3	1	22.06	22.21	22.01	0
		3	3	22.03	22.17	22.02	0
		6	0	21.04	21.27	21.01	1
1.4M	16QAM	1	0	21.57	21.60	21.42	1
		1	2	21.47	21.58	21.31	1
		1	5	21.24	21.45	21.16	1
		3	0	21.22	21.34	21.17	1
		3	1	21.06	21.29	21.07	1
		3	3	21.09	21.36	21.05	1
		6	0	20.26	20.24	20.08	2

LTE Conducted Power (Head when DSI=1)							
LTE Band 4							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)
		Channel		20050	20175	20300	
		Frequency (MHz)		1720	1732.5	1745	
20M	QPSK	1	0	22.20	22.51	22.28	0
		1	50	22.02	22.32	22.07	0
		1	99	22.01	22.25	22.01	0
		50	0	21.25	21.55	21.30	1
		50	25	21.24	21.54	21.29	1
		50	50	21.21	21.51	21.26	1
		100	0	21.25	21.55	21.30	1
20M	16QAM	1	0	21.49	21.79	21.54	1
		1	50	21.33	21.63	21.38	1
		1	99	21.23	21.53	21.28	1
		50	0	20.27	20.57	20.32	2
		50	25	20.25	20.55	20.30	2
		50	50	20.21	20.51	20.26	2
		100	0	20.26	20.56	20.31	2
BW	MCS Index	Channel		20025	20175	20325	3GPP MPR
		Frequency (MHz)		1717.5	1732.5	1747.5	
15M	QPSK	1	0	22.15	22.49	22.28	0
		1	37	22.02	22.25	22.05	0
		1	74	22.01	22.15	22.01	0
		36	0	21.17	21.50	21.23	1
		36	19	21.19	21.47	21.26	1
		36	39	21.20	21.44	21.25	1
		75	0	21.22	21.54	21.26	1
15M	16QAM	1	0	21.45	21.76	21.51	1
		1	37	21.25	21.54	21.32	1
		1	74	21.20	21.46	21.26	1
		36	0	20.20	20.54	20.26	2
		36	19	20.25	20.55	20.30	2
		36	39	20.21	20.50	20.25	2
		75	0	20.21	20.56	20.24	2

LTE Conducted Power (Head when DSI=1)							
LTE Band 4							
BW	MCS Index	Channel		20000	20175	20350	3GPP MPR
		Frequence (MHz)		1715	1732.5	1750	
10M	QPSK	1	0	22.10	22.42	22.23	0
		1	24	22.08	22.27	22.21	0
		1	49	22.01	22.18	22.01	0
		25	0	21.19	21.52	21.21	1
		25	12	21.20	21.44	21.21	1
		25	25	21.20	21.50	21.24	1
		50	0	21.24	21.53	21.23	1
10M	16QAM	1	0	21.43	21.79	21.46	1
		1	24	21.26	21.57	21.36	1
		1	49	21.23	21.48	21.19	1
		25	0	20.17	20.49	20.23	2
		25	12	20.21	20.53	20.26	2
		25	25	20.17	20.50	20.16	2
		50	0	20.18	20.49	20.29	2
BW	MCS Index	Channel		19975	20175	20375	3GPP MPR
		Frequence (MHz)		1712.5	1732.5	1752.5	
5M	QPSK	1	0	22.15	22.45	22.23	0
		1	12	22.13	22.25	22.15	0
		1	24	22.01	22.23	22.01	0
		12	0	21.15	21.47	21.30	1
		12	6	21.17	21.44	21.19	1
		12	13	21.21	21.51	21.17	1
		25	0	21.25	21.50	21.30	1
5M	16QAM	1	0	21.40	21.73	21.49	1
		1	12	21.27	21.60	21.34	1
		1	24	21.13	21.48	21.25	1
		12	0	20.22	20.57	20.22	2
		12	6	20.20	20.54	20.22	2
		12	13	20.18	20.46	20.21	2
		25	0	20.23	20.56	20.21	2

LTE Conducted Power (Head when DSI=1)							
LTE Band 4							
BW	MCS Index	Channel		19965	20175	20385	3GPP MPR
		Frequency (MHz)		1711.5	1732.5	1753.5	
3M	QPSK	1	0	22.13	22.45	22.23	0
		1	7	22.03	22.26	22.11	0
		1	14	22.01	22.24	22.01	0
		8	0	21.20	21.47	21.27	1
		8	3	21.23	21.52	21.27	1
		8	7	21.16	21.42	21.16	1
		15	0	21.21	21.53	21.30	1
3M	16QAM	1	0	21.41	21.75	21.46	1
		1	7	21.33	21.59	21.38	1
		1	14	21.20	21.50	21.22	1
		8	0	20.23	20.48	20.26	2
		8	3	20.16	20.54	20.29	2
		8	7	20.16	20.42	20.19	2
		15	0	20.22	20.51	20.22	2
BW	MCS Index	Channel		19957	20175	20393	3GPP MPR
		Frequency (MHz)		1710.7	1732.5	1754.3	
1.4M	QPSK	1	0	22.13	22.46	22.13	0
		1	2	22.05	22.29	22.01	0
		1	5	22.01	22.06	22.01	0
		3	0	22.08	22.44	22.21	0
		3	1	22.10	22.15	22.09	0
		3	3	22.05	22.48	22.17	0
		6	0	21.21	21.47	21.22	1
1.4M	16QAM	1	0	21.31	21.78	21.39	1
		1	2	21.19	21.55	21.26	1
		1	5	21.07	21.35	21.20	1
		3	0	21.23	21.36	21.24	1
		3	1	21.20	21.40	21.15	1
		3	3	21.10	21.31	21.14	1
		6	0	20.16	20.43	20.17	2

LTE Conducted Power (Head when DSI=1)							
LTE Band 5							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)
		Channel		20450	20525	20600	
		Frequency (MHz)		829	836.5	844	
10M	QPSK	1	0	22.61	22.79	22.65	0
		1	24	22.49	22.67	22.52	0
		1	49	22.44	22.62	22.47	0
		25	0	21.61	21.79	21.64	1
		25	12	21.57	21.75	21.60	1
		25	25	21.52	21.70	21.55	1
10M	16QAM	50	0	21.56	21.74	21.59	1
		1	0	21.87	22.05	21.90	1
		1	24	21.83	22.01	21.86	1
		1	49	21.82	22.00	21.85	1
		25	0	20.62	20.80	20.65	2
		25	12	20.60	20.78	20.63	2
BW	MCS Index	Channel		20425	20525	20625	3GPP MPR
		Frequency (MHz)		826.5	836.5	846.5	
5M	QPSK	1	0	22.61	22.76	22.63	0
		1	12	22.39	22.57	22.45	0
		1	24	22.43	22.54	22.40	0
		12	0	21.59	21.73	21.63	1
		12	6	21.49	21.68	21.56	1
		12	13	21.46	21.61	21.46	1
5M	16QAM	25	0	21.51	21.65	21.52	1
		1	0	21.81	21.98	21.84	1
		1	12	21.83	21.92	21.76	1
		1	24	21.80	21.90	21.75	1
		12	0	20.60	20.73	20.55	2
		12	6	20.53	20.69	20.61	2
5M	16QAM	12	13	20.51	20.68	20.47	2
		25	0	20.50	20.73	20.54	2

LTE Conducted Power (Head when DSI=1)							
LTE Band 5							
BW	MCS Index	Channel		20415	20525	20635	3GPP MPR
		Frequency (MHz)		825.5	836.5	847.5	
3M	QPSK	1	0	22.59	22.72	22.59	0
		1	7	22.44	22.62	22.46	0
		1	14	22.41	22.56	22.45	0
		8	0	21.51	21.78	21.63	1
		8	3	21.54	21.68	21.60	1
		8	7	21.52	21.61	21.53	1
3M	16QAM	15	0	21.56	21.66	21.54	1
		1	0	21.86	21.96	21.81	1
		1	7	21.78	21.97	21.86	1
		1	14	21.74	21.91	21.81	1
		8	0	20.55	20.79	20.56	2
		8	3	20.55	20.73	20.59	2
3M	16QAM	8	7	20.45	20.68	20.56	2
		15	0	20.54	20.69	20.57	2
BW	MCS Index	Channel		20407	20525	20643	3GPP MPR
		Frequency (MHz)		824.7	836.5	848.3	
1.4M	QPSK	1	0	22.41	22.73	22.45	0
		1	2	22.40	22.46	22.38	0
		1	5	22.33	22.53	22.39	0
		3	0	22.51	22.69	22.55	0
		3	1	22.39	22.67	22.51	0
		3	3	22.42	22.59	22.41	0
1.4M	16QAM	6	0	21.42	21.53	21.53	1
		1	0	21.77	21.86	21.72	1
		1	2	21.72	21.78	21.67	1
		1	5	21.67	21.94	21.76	1
		3	0	21.37	21.68	21.52	1
		3	1	21.35	21.72	21.43	1
1.4M	16QAM	3	3	21.47	21.54	21.53	1
		6	0	20.33	20.68	20.55	2

LTE Conducted Power (Head when DSI=1)							
LTE Band 12							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)
		Channel		23060	23095	23130	
		Frequency (MHz)		704	707.5	711	
10M	QPSK	1	0	21.69	21.77	21.68	0
		1	24	21.58	21.66	21.57	0
		1	49	21.54	21.62	21.53	0
		25	0	20.71	20.79	20.70	1
		25	12	20.70	20.78	20.69	1
		25	25	20.67	20.75	20.66	1
10M	16QAM	50	0	20.68	20.76	20.67	1
		1	0	21.00	21.08	20.99	1
		1	24	20.97	21.05	20.96	1
		1	49	20.90	20.98	20.89	1
		25	0	19.71	19.79	19.70	2
		25	12	19.63	19.71	19.62	2
BW	MCS Index	Channel		23035	23095	23155	3GPP MPR
		Frequency (MHz)		701.5	707.5	713.5	
5M	QPSK	1	0	21.68	21.72	21.61	0
		1	12	21.53	21.56	21.53	0
		1	24	21.47	21.58	21.43	0
		12	0	20.67	20.74	20.69	1
		12	6	20.61	20.68	20.69	1
		12	13	20.60	20.65	20.57	1
5M	16QAM	25	0	20.61	20.70	20.60	1
		1	0	20.95	21.02	20.89	1
		1	12	20.94	20.96	20.87	1
		1	24	20.86	20.98	20.83	1
		12	0	19.67	19.69	19.68	2
		12	6	19.58	19.68	19.60	2
5M	16QAM	12	13	19.70	19.78	19.69	2
		25	0	19.63	19.73	19.63	2

LTE Conducted Power (Head when DSI=1)							
LTE Band 12							
BW	MCS Index	Channel		23025	23095	23165	3GPP MPR
		Frequency (MHz)		700.5	707.5	714.5	
3M	QPSK	1	0	21.69	21.73	21.60	0
		1	7	21.55	21.62	21.53	0
		1	14	21.52	21.60	21.45	0
		8	0	20.64	20.74	20.62	1
		8	3	20.66	20.76	20.64	1
		8	7	20.59	20.67	20.63	1
		15	0	20.63	20.71	20.64	1
3M	16QAM	1	0	20.92	20.98	20.90	1
		1	7	20.92	21.03	20.93	1
		1	14	20.85	20.93	20.82	1
		8	0	19.67	19.70	19.62	2
		8	3	19.60	19.67	19.54	2
		8	7	19.62	19.75	19.67	2
		15	0	19.65	19.75	19.61	2
BW	MCS Index	Channel		23017	23095	23173	3GPP MPR
		Frequency (MHz)		699.7	707.5	715.3	
1.4M	QPSK	1	0	21.68	21.74	21.55	0
		1	2	21.36	21.46	21.46	0
		1	5	21.43	21.50	21.50	0
		3	0	21.62	21.62	21.68	0
		3	1	21.57	21.63	21.45	0
		3	3	21.48	21.69	21.59	0
		6	0	20.53	20.67	20.42	1
1.4M	16QAM	1	0	20.79	20.97	20.89	1
		1	2	20.91	20.84	20.86	1
		1	5	20.74	20.86	20.73	1
		3	0	20.56	20.67	20.55	1
		3	1	20.53	20.57	20.48	1
		3	3	20.57	20.73	20.59	1
		6	0	19.53	19.74	19.50	2

LTE Conducted Power (Head when DSI=1)							
LTE Band 13							
BW	MCS Index	RB Size	RB Offset		Mid		3GPP MPR (dB)
		Channel			23230		
		Frequency (MHz)			782		
10M	QPSK	1	0		22.87		0
		1	24		22.75		0
		1	49		22.69		0
		25	0		21.88		1
		25	12		21.74		1
		25	25		21.7		1
		50	0		21.83		1
10M	16QAM	1	0		22.16		1
		1	24		22.03		1
		1	49		21.94		1
		25	0		20.88		2
		25	12		20.76		2
		25	25		20.72		2
		50	0		20.95		2
BW	MCS Index	Channel		23205	23230	23255	3GPP MPR
		Frequency (MHz)		779.5	782	784.5	
5M	QPSK	1	0	22.79	22.85	22.77	0
		1	12	22.69	22.73	22.73	0
		1	24	22.67	22.60	22.67	0
		12	0	21.79	21.79	21.84	1
		12	6	21.69	21.69	21.68	1
		12	13	21.68	21.67	21.66	1
		25	0	21.83	21.75	21.80	1
5M	16QAM	1	0	22.07	22.08	22.09	1
		1	12	21.99	21.99	22.02	1
		1	24	21.87	21.85	21.91	1
		12	0	20.82	20.82	20.87	2
		12	6	20.74	20.72	20.75	2
		12	13	20.69	20.71	20.66	2
		25	0	20.89	20.88	20.92	2

LTE Conducted Power (Head when DSI=1)							
LTE Band 66							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)
		Channel		132072	132322	132572	
		Frequency (MHz)		1720	1745	1770	
20M	QPSK	1	0	22.22	22.49	22.24	0
		1	50	22.14	22.25	22.18	0
		1	99	22.08	22.22	22.15	0
		50	0	21.31	21.58	21.33	1
		50	25	21.20	21.47	21.22	1
		50	50	21.17	21.44	21.19	1
		100	0	21.14	21.41	21.16	1
20M	16QAM	1	0	21.51	21.78	21.53	1
		1	50	21.30	21.57	21.32	1
		1	99	21.28	21.55	21.30	1
		50	0	20.18	20.45	20.20	2
		50	25	20.14	20.41	20.16	2
		50	50	20.10	20.37	20.12	2
		100	0	20.12	20.39	20.14	2
BW	MCS Index	Channel		132047	132322	132597	3GPP MPR
		Frequency (MHz)		1717.5	1745	1772.5	
15M	QPSK	1	0	22.20	22.45	22.16	0
		1	37	22.13	22.22	22.16	0
		1	74	22.03	22.18	22.14	0
		36	0	21.24	21.55	21.24	1
		36	19	21.15	21.46	21.19	1
		36	39	21.15	21.44	21.15	1
		75	0	21.08	21.39	21.08	1
15M	16QAM	1	0	21.48	21.68	21.45	1
		1	37	21.24	21.53	21.31	1
		1	74	21.18	21.51	21.23	1
		36	0	20.15	20.40	20.10	2
		36	19	20.05	20.40	20.14	2
		36	39	20.07	20.31	20.04	2
		75	0	20.09	20.38	20.11	2

LTE Conducted Power (Head when DSI=1)							
LTE Band 66							
BW	MCS Index	Channel		132022	132322	132622	3GPP MPR
		Frequency (MHz)		1715	1745	1775	
10M	QPSK	1	0	22.22	22.48	22.17	0
		1	24	22.06	22.15	22.08	0
		1	49	22.06	22.21	22.11	0
		25	0	21.31	21.48	21.23	1
		25	12	21.18	21.44	21.18	1
		25	25	21.16	21.34	21.13	1
		50	0	21.06	21.32	21.10	1
10M	16QAM	1	0	21.49	21.73	21.46	1
		1	24	21.20	21.50	21.23	1
		1	49	21.24	21.49	21.28	1
		25	0	20.13	20.43	20.17	2
		25	12	20.13	20.37	20.10	2
		25	25	20.03	20.32	20.10	2
		50	0	20.10	20.34	20.12	2
BW	MCS Index	Channel		131997	132322	132647	3GPP MPR
		Frequency (MHz)		1712.5	1745	1777.5	
5M	QPSK	1	0	22.12	22.48	22.15	0
		1	12	22.12	22.23	22.14	0
		1	24	22.02	22.21	22.05	0
		12	0	21.31	21.58	21.32	1
		12	6	21.16	21.44	21.18	1
		12	13	21.13	21.37	21.12	1
		25	0	21.13	21.33	21.06	1
5M	16QAM	1	0	21.42	21.70	21.43	1
		1	12	21.26	21.51	21.28	1
		1	24	21.27	21.54	21.24	1
		12	0	20.15	20.44	20.19	2
		12	6	20.06	20.32	20.12	2
		12	13	20.07	20.37	20.12	2
		25	0	20.05	20.34	20.13	2

LTE Conducted Power (Head when DSI=1)							
LTE Band 66							
BW	MCS Index	Channel		131987	132322	132657	3GPP MPR
		Frequency (MHz)		1711.5	1745	1778.5	
3M	QPSK	1	0	22.14	22.39	22.04	0
		1	7	22.11	22.22	22.03	0
		1	14	22.09	22.16	22.01	0
		8	0	21.08	21.39	21.27	1
		8	3	21.01	21.25	21.19	1
		8	7	21.08	21.29	21.11	1
		15	0	21.06	21.32	21.07	1
3M	16QAM	1	0	21.42	21.59	21.44	1
		1	7	21.22	21.45	21.21	1
		1	14	21.17	21.42	21.20	1
		8	0	20.10	20.41	20.10	2
		8	3	20.08	20.35	20.01	2
		8	7	20.05	20.20	20.05	2
		15	0	20.01	20.32	20.10	2
BW	MCS Index	Channel		131979	132322	132665	3GPP MPR
		Frequency (MHz)		1710.7	1745	1779.3	
1.4M	QPSK	1	0	22.01	22.42	22.12	0
		1	2	22.02	22.22	22.03	0
		1	5	22.01	22.06	22.03	0
		3	0	22.17	22.46	22.17	0
		3	1	22.19	22.44	22.15	0
		3	3	22.11	22.33	22.09	0
		6	0	22.05	21.29	21.05	1
1.4M	16QAM	1	0	21.47	21.67	21.45	1
		1	2	21.14	21.52	21.15	1
		1	5	21.19	21.42	21.17	1
		3	0	21.07	21.26	21.04	1
		3	1	21.05	21.36	21.09	1
		3	3	21.03	21.30	21.04	1
		6	0	20.08	20.26	20.08	2

LTE Conducted Power (Body-worn, Hotspot and Extremity when DSI=2)							
LTE Band 2							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)
		Channel		18700	18900	19100	
		Frequency (MHz)		1860	1880	1900	
20M	QPSK	1	0	20.47	20.37	20.31	0
		1	50	20.39	20.29	20.24	0
		1	99	20.31	20.21	20.16	0
		50	0	20.38	20.28	20.23	0
		50	25	20.35	20.25	20.20	0
		50	50	20.32	20.22	20.17	0
		100	0	20.41	20.31	20.26	0
20M	16QAM	1	0	20.28	20.18	20.13	0
		1	50	20.20	20.10	20.05	0
		1	99	20.27	20.17	20.12	0
		50	0	20.24	20.14	20.09	0
		50	25	20.21	20.11	20.06	0
		50	50	20.30	20.20	20.15	0
		100	0	20.31	20.21	20.16	0
BW	MCS Index	Channel		18675	18900	19125	3GPP MPR
		Frequency (MHz)		1857.5	1880	1902.5	
15M	QPSK	1	0	20.46	20.36	20.28	0
		1	37	20.31	20.29	20.22	0
		1	74	20.25	20.12	20.11	0
		36	0	20.34	20.28	20.17	0
		36	19	20.35	20.16	20.13	0
		36	39	20.26	20.18	20.13	0
		75	0	20.34	20.26	20.25	0
15M	16QAM	1	0	20.22	20.10	20.09	0
		1	37	20.17	20.06	20.01	0
		1	74	20.17	20.14	20.08	0
		36	0	20.22	20.08	20.03	0
		36	19	20.13	20.03	20.06	0
		36	39	20.22	20.16	20.08	0
		75	0	20.31	20.13	20.10	0

LTE Conducted Power (Body-worn, Hotspot and Extremity when DSI=2)							
LTE Band 2							
BW	MCS Index	Channel		18650	18900	19150	3GPP MPR
		Frequency (MHz)		1855	1880	1905	
10M	QPSK	1	0	20.42	20.33	20.28	0
		1	24	20.32	20.22	20.15	0
		1	49	20.27	20.17	20.14	0
		25	0	20.34	20.27	20.15	0
		25	12	20.27	20.21	20.16	0
		25	25	20.28	20.18	20.16	0
		50	0	20.38	20.24	20.19	0
10M	16QAM	1	0	20.23	20.14	20.06	0
		1	24	20.16	20.04	20.02	0
		1	49	20.21	20.11	20.03	0
		25	0	20.18	20.10	20.06	0
		25	12	20.18	20.05	20.06	0
		25	25	20.28	20.15	20.09	0
		50	0	20.21	20.11	20.16	0
BW	MCS Index	Channel		18625	18900	19175	3GPP MPR
		Frequency (MHz)		1852.5	1880	1907.5	
5M	QPSK	1	0	20.37	20.37	20.29	0
		1	12	20.30	20.27	20.22	0
		1	24	20.21	20.18	20.15	0
		12	0	20.31	20.21	20.23	0
		12	6	20.28	20.19	20.16	0
		12	13	20.22	20.17	20.17	0
		25	0	20.32	20.21	20.18	0
5M	16QAM	1	0	20.27	20.16	20.11	0
		1	12	20.15	20.05	19.98	0
		1	24	20.25	20.10	20.12	0
		12	0	20.18	20.08	20.05	0
		12	6	20.13	20.05	20.05	0
		12	13	20.27	20.13	20.14	0
		25	0	20.31	20.17	20.10	0

LTE Conducted Power (Body-worn, Hotspot and Extremity when DSI=2)							
LTE Band 2							
BW	MCS Index	Channel		18615	18900	19185	3GPP MPR
		Frequency (MHz)		1851.5	1880	1908.5	
3M	QPSK	1	0	20.43	20.33	20.31	0
		1	7	20.31	20.26	20.17	0
		1	14	20.24	20.14	20.09	0
		8	0	20.32	20.21	20.16	0
		8	3	20.32	20.18	20.16	0
		8	7	20.22	20.18	20.17	0
		15	0	20.31	20.25	20.18	0
3M	16QAM	1	0	20.24	20.11	20.13	0
		1	7	20.12	20.08	20.02	0
		1	14	20.24	20.14	20.09	0
		8	0	20.16	20.12	20.08	0
		8	3	20.20	20.11	19.97	0
		8	7	20.25	20.11	20.07	0
		15	0	20.30	20.15	20.06	0
BW	MCS Index	Channel		18607	18900	19193	3GPP MPR
		Frequency (MHz)		1850.7	1880	1909.3	
1.4M	QPSK	1	0	20.46	20.37	20.23	0
		1	2	20.31	20.28	20.19	0
		1	5	20.31	20.12	20.14	0
		3	0	20.38	20.28	20.16	0
		3	1	20.29	20.22	20.12	0
		3	3	20.23	20.18	20.14	0
		6	0	20.35	20.26	20.26	0
1.4M	16QAM	1	0	20.19	20.10	20.05	0
		1	2	20.19	20.09	19.97	0
		1	5	20.18	20.09	20.05	0
		3	0	20.24	20.11	20.01	0
		3	1	20.15	20.01	19.99	0
		3	3	20.30	20.10	20.10	0
		6	0	20.23	20.19	20.09	0

LTE Conducted Power (Body-worn, Hotspot and Extremity when DSI=2)							
LTE Band 4							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)
		Channel		20050	20175	20300	
		Frequency (MHz)		1720	1732.5	1745	
20M	QPSK	1	0	18.30	18.35	18.34	0
		1	50	18.26	18.31	18.29	0
		1	99	18.24	18.29	18.27	0
		50	0	18.28	18.33	18.31	0
		50	25	18.18	18.23	18.21	0
		50	50	18.15	18.20	18.18	0
		100	0	18.29	18.34	18.32	0
20M	16QAM	1	0	18.15	18.20	18.18	0
		1	50	18.13	18.18	18.16	0
		1	99	18.17	18.22	18.20	0
		50	0	18.07	18.12	18.10	0
		50	25	18.04	18.09	18.07	0
		50	50	18.18	18.23	18.21	0
		100	0	18.20	18.25	18.23	0
BW	MCS Index	Channel		20025	20175	20325	3GPP MPR
		Frequency (MHz)		1717.5	1732.5	1747.5	
15M	QPSK	1	0	18.29	18.27	18.29	0
		1	37	18.26	18.24	18.26	0
		1	74	18.15	18.19	18.23	0
		36	0	18.19	18.29	18.31	0
		36	19	18.09	18.22	18.15	0
		36	39	18.12	18.19	18.12	0
		75	0	18.22	18.29	18.26	0
15M	16QAM	1	0	18.11	18.19	18.15	0
		1	37	18.12	18.15	18.14	0
		1	74	18.11	18.12	18.13	0
		36	0	18.01	18.02	18.02	0
		36	19	18.02	18.09	17.99	0
		36	39	18.10	18.13	18.18	0
		75	0	18.11	18.15	18.14	0

LTE Conducted Power (Body-worn, Hotspot and Extremity when DSI=2)							
LTE Band 4							
BW	MCS Index	Channel		20000	20175	20350	3GPP MPR
		Frequency (MHz)		1715	1732.5	1750	
10M	QPSK	1	0	18.29	18.25	18.29	0
		1	24	18.17	18.31	18.29	0
		1	49	18.22	18.24	18.27	0
		25	0	18.24	18.29	18.24	0
		25	12	18.15	18.14	18.12	0
		25	25	18.08	18.15	18.12	0
		50	0	18.20	18.34	18.23	0
10M	16QAM	1	0	18.14	18.12	18.16	0
		1	24	18.03	18.17	18.10	0
		1	49	18.12	18.13	18.20	0
		25	0	18.02	18.04	18.08	0
		25	12	17.94	18.07	17.99	0
		25	25	18.09	18.20	18.17	0
		50	0	18.15	18.15	18.13	0
BW	MCS Index	Channel		19975	20175	20375	3GPP MPR
		Frequency (MHz)		1712.5	1732.5	1752.5	
5M	QPSK	1	0	18.27	18.25	18.24	0
		1	12	18.20	18.24	18.23	0
		1	24	18.23	18.19	18.25	0
		12	0	18.19	18.25	18.23	0
		12	6	18.16	18.23	18.11	0
		12	13	18.12	18.11	18.14	0
		25	0	18.22	18.26	18.32	0
5M	16QAM	1	0	18.08	18.12	18.13	0
		1	12	18.13	18.16	18.08	0
		1	24	18.08	18.14	18.18	0
		12	0	18.01	18.08	18.10	0
		12	6	17.94	18.03	18.06	0
		12	13	18.10	18.18	18.18	0
		25	0	18.10	18.16	18.23	0

LTE Conducted Power (Body-worn, Hotspot and Extremity when DSI=2)							
LTE Band 4							
BW	MCS Index	Channel		19965	20175	20385	3GPP MPR
		Frequency (MHz)		1711.5	1732.5	1753.5	
3M	QPSK	1	0	18.27	18.27	18.32	0
		1	7	18.19	18.29	18.25	0
		1	14	18.19	18.20	18.19	0
		8	0	18.25	18.24	18.21	0
		8	3	18.10	18.13	18.19	0
		8	7	18.06	18.20	18.15	0
		15	0	18.21	18.26	18.26	0
3M	16QAM	1	0	18.06	18.14	18.18	0
		1	7	18.10	18.15	18.12	0
		1	14	18.12	18.19	18.12	0
		8	0	18.03	18.03	18.00	0
		8	3	17.99	18.02	18.02	0
		8	7	18.14	18.13	18.11	0
		15	0	18.11	18.24	18.18	0
BW	MCS Index	Channel		19957	20175	20393	3GPP MPR
		Frequency (MHz)		1710.7	1732.5	1754.3	
1.4M	QPSK	1	0	18.25	18.30	18.34	0
		1	2	18.20	18.28	18.25	0
		1	5	18.20	18.22	18.26	0
		3	0	18.28	18.30	18.31	0
		3	1	18.12	18.23	18.21	0
		3	3	18.13	18.17	18.17	0
		6	0	18.19	18.30	18.31	0
1.4M	16QAM	1	0	18.13	18.20	18.13	0
		1	2	18.13	18.14	18.10	0
		1	5	18.13	18.20	18.17	0
		3	0	18.00	18.10	18.08	0
		3	1	17.98	17.99	18.01	0
		3	3	18.08	18.23	18.14	0
		6	0	18.20	18.18	18.22	0

LTE Conducted Power (Body-worn, Hotspot and Extremity when DSI=2)							
LTE Band 5							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)
		Channel		20450	20525	20600	
		Frequency (MHz)		829	836.5	844	
10M	QPSK	1	0	22.61	22.79	22.65	0
		1	24	22.49	22.67	22.52	0
		1	49	22.44	22.62	22.47	0
		25	0	21.61	21.79	21.64	1
		25	12	21.57	21.75	21.60	1
		25	25	21.52	21.70	21.55	1
		50	0	21.56	21.74	21.59	1
10M	16QAM	1	0	21.87	22.05	21.90	1
		1	24	21.83	22.01	21.86	1
		1	49	21.82	22.00	21.85	1
		25	0	20.62	20.80	20.65	2
		25	12	20.60	20.78	20.63	2
		25	25	20.53	20.71	20.56	2
		50	0	20.56	20.74	20.59	2
BW	MCS Index	Channel		20425	20525	20625	3GPP MPR
		Frequency (MHz)		826.5	836.5	846.5	
5M	QPSK	1	0	22.61	22.76	22.63	0
		1	12	22.39	22.57	22.45	0
		1	24	22.43	22.54	22.40	0
		12	0	21.59	21.73	21.63	1
		12	6	21.49	21.68	21.56	1
		12	13	21.46	21.61	21.46	1
		25	0	21.51	21.65	21.52	1
5M	16QAM	1	0	21.81	21.98	21.84	1
		1	12	21.83	21.92	21.76	1
		1	24	21.80	21.90	21.75	1
		12	0	20.60	20.73	20.55	2
		12	6	20.53	20.69	20.61	2
		12	13	20.51	20.68	20.47	2
		25	0	20.50	20.73	20.54	2

LTE Conducted Power (Body-worn, Hotspot and Extremity when DSI=2)							
LTE Band 5							
BW	MCS Index	Channel		20415	20525	20635	3GPP MPR
		Frequency (MHz)		825.5	836.5	847.5	
3M	QPSK	1	0	22.59	22.72	22.59	0
		1	7	22.44	22.62	22.46	0
		1	14	22.41	22.56	22.45	0
		8	0	21.51	21.78	21.63	1
		8	3	21.54	21.68	21.60	1
		8	7	21.52	21.61	21.53	1
		15	0	21.56	21.66	21.54	1
3M	16QAM	1	0	21.86	21.96	21.81	1
		1	7	21.78	21.97	21.86	1
		1	14	21.74	21.91	21.81	1
		8	0	20.55	20.79	20.56	2
		8	3	20.55	20.73	20.59	2
		8	7	20.45	20.68	20.56	2
		15	0	20.54	20.69	20.57	2
BW	MCS Index	Channel		20407	20525	20643	3GPP MPR
		Frequency (MHz)		824.7	836.5	848.3	
1.4M	QPSK	1	0	22.41	22.73	22.45	0
		1	2	22.40	22.46	22.38	0
		1	5	22.33	22.53	22.39	0
		3	0	22.51	22.69	22.55	0
		3	1	22.39	22.67	22.51	0
		3	3	22.42	22.59	22.41	0
		6	0	21.42	21.53	21.53	1
1.4M	16QAM	1	0	21.77	21.86	21.72	1
		1	2	21.72	21.78	21.67	1
		1	5	21.67	21.94	21.76	1
		3	0	21.37	21.68	21.52	1
		3	1	21.35	21.72	21.43	1
		3	3	21.47	21.54	21.53	1
		6	0	20.33	20.68	20.55	2

LTE Conducted Power (Body-worn, Hotspot and Extremity when DSI=2)							
LTE Band 12							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)
		Channel		23060	23095	23130	
		Frequency (MHz)		704	707.5	711	
10M	QPSK	1	0	21.69	21.77	21.68	0
		1	24	21.58	21.66	21.57	0
		1	49	21.54	21.62	21.53	0
		25	0	20.71	20.79	20.70	1
		25	12	20.70	20.78	20.69	1
		25	25	20.67	20.75	20.66	1
		50	0	20.68	20.76	20.67	1
10M	16QAM	1	0	21.00	21.08	20.99	1
		1	24	20.97	21.05	20.96	1
		1	49	20.90	20.98	20.89	1
		25	0	19.71	19.79	19.70	2
		25	12	19.63	19.71	19.62	2
		25	25	19.70	19.78	19.69	2
		50	0	19.67	19.75	19.66	2
BW	MCS Index	Channel		23035	23095	23155	3GPP MPR
		Frequency (MHz)		701.5	707.5	713.5	
5M	QPSK	1	0	21.68	21.72	21.61	0
		1	12	21.53	21.56	21.53	0
		1	24	21.47	21.58	21.43	0
		12	0	20.67	20.74	20.69	1
		12	6	20.61	20.68	20.69	1
		12	13	20.60	20.65	20.57	1
		25	0	20.61	20.70	20.60	1
5M	16QAM	1	0	20.95	21.02	20.89	1
		1	12	20.94	20.96	20.87	1
		1	24	20.86	20.98	20.83	1
		12	0	19.67	19.69	19.68	2
		12	6	19.58	19.68	19.60	2
		12	13	19.70	19.78	19.69	2
		25	0	19.63	19.73	19.63	2

LTE Conducted Power (Body-worn, Hotspot and Extremity when DSI=2)							
LTE Band 12							
BW	MCS Index	Channel		23025	23095	23165	3GPP MPR
		Frequency (MHz)		700.5	707.5	714.5	
3M	QPSK	1	0	21.69	21.73	21.60	0
		1	7	21.55	21.62	21.53	0
		1	14	21.52	21.60	21.45	0
		8	0	20.64	20.74	20.62	1
		8	3	20.66	20.76	20.64	1
		8	7	20.59	20.67	20.63	1
		15	0	20.63	20.71	20.64	1
3M	16QAM	1	0	20.92	20.98	20.90	1
		1	7	20.92	21.03	20.93	1
		1	14	20.85	20.93	20.82	1
		8	0	19.67	19.70	19.62	2
		8	3	19.60	19.67	19.54	2
		8	7	19.62	19.75	19.67	2
		15	0	19.65	19.75	19.61	2
BW	MCS Index	Channel		23017	23095	23173	3GPP MPR
		Frequency (MHz)		699.7	707.5	715.3	
1.4M	QPSK	1	0	21.68	21.74	21.55	0
		1	2	21.36	21.46	21.46	0
		1	5	21.43	21.50	21.50	0
		3	0	21.62	21.62	21.68	0
		3	1	21.57	21.63	21.45	0
		3	3	21.48	21.69	21.59	0
		6	0	20.53	20.67	20.42	1
1.4M	16QAM	1	0	20.79	20.97	20.89	1
		1	2	20.91	20.84	20.86	1
		1	5	20.74	20.86	20.73	1
		3	0	20.56	20.67	20.55	1
		3	1	20.53	20.57	20.48	1
		3	3	20.57	20.73	20.59	1
		6	0	19.53	19.74	19.50	2

LTE Conducted Power (Body-worn, Hotspot and Extremity when DSI=2)							
LTE Band 13							
BW	MCS Index	RB Size	RB Offset		Mid		3GPP MPR (dB)
		Channel			23230		
		Frequency (MHz)			782		
10M	QPSK	1	0		22.87		0
		1	24		22.75		0
		1	49		22.69		0
		25	0		21.88		1
		25	12		21.74		1
		25	25		21.70		1
		50	0		21.83		1
10M	16QAM	1	0		22.16		1
		1	24		22.03		1
		1	49		21.94		1
		25	0		20.88		2
		25	12		20.76		2
		25	25		20.72		2
		50	0		20.95		2
BW	MCS Index	Channel		23205	23230	23255	3GPP MPR
		Frequency (MHz)		779.5	782	784.5	
5M	QPSK	1	0	22.79	22.85	22.77	0
		1	12	22.69	22.73	22.73	0
		1	24	22.67	22.60	22.67	0
		12	0	21.79	21.79	21.84	1
		12	6	21.69	21.69	21.68	1
		12	13	21.68	21.67	21.66	1
		25	0	21.83	21.75	21.80	1
5M	16QAM	1	0	22.07	22.08	22.09	1
		1	12	21.99	21.99	22.02	1
		1	24	21.87	21.85	21.91	1
		12	0	20.82	20.82	20.87	2
		12	6	20.74	20.72	20.75	2
		12	13	20.69	20.71	20.66	2
		25	0	20.89	20.88	20.92	2

LTE Conducted Power (Body-worn, Hotspot and Extremity when DSI=2)							
LTE Band 66							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)
		Channel		132072	132322	132572	
		Frequency (MHz)		1720	1745	1770	
20M	QPSK	1	0	18.31	18.39	18.27	0
		1	50	18.27	18.34	18.22	0
		1	99	18.20	18.27	18.15	0
		50	0	18.28	18.35	18.23	0
		50	25	18.25	18.32	18.20	0
		50	50	18.21	18.28	18.16	0
		100	0	18.29	18.36	18.24	0
20M	16QAM	1	0	18.21	18.28	18.16	0
		1	50	18.16	18.23	18.11	0
		1	99	18.09	18.16	18.04	0
		50	0	18.17	18.24	18.12	0
		50	25	18.14	18.21	18.09	0
		50	50	18.10	18.17	18.05	0
		100	0	18.18	18.25	18.13	0
BW	MCS Index	Channel		132047	132322	132597	3GPP MPR
		Frequency (MHz)		1717.5	1745	1772.5	
15M	QPSK	1	0	18.25	18.31	18.24	0
		1	37	18.24	18.34	18.20	0
		1	74	18.18	18.26	18.07	0
		36	0	18.23	18.27	18.13	0
		36	19	18.16	18.22	18.12	0
		36	39	18.21	18.24	18.08	0
		75	0	18.29	18.27	18.15	0
15M	16QAM	1	0	18.21	18.27	18.14	0
		1	37	18.09	18.15	18.11	0
		1	74	18.09	18.08	18.01	0
		36	0	18.13	18.17	18.10	0
		36	19	18.14	18.11	18.08	0
		36	39	18.09	18.13	17.98	0
		75	0	18.12	18.19	18.11	0

LTE Conducted Power (Body-worn, Hotspot and Extremity when DSI=2)							
LTE Band 66							
BW	MCS Index	Channel		132022	132322	132622	3GPP MPR
		Frequency (MHz)		1715	1745	1775	
10M	QPSK	1	0	18.29	18.34	18.17	0
		1	24	18.24	18.34	18.15	0
		1	49	18.17	18.17	18.08	0
		25	0	18.21	18.27	18.15	0
		25	12	18.21	18.30	18.10	0
		25	25	18.21	18.19	18.06	0
		50	0	18.21	18.35	18.22	0
10M	16QAM	1	0	18.19	18.24	18.09	0
		1	24	18.15	18.14	18.11	0
		1	49	18.03	18.07	17.99	0
		25	0	18.13	18.17	18.03	0
		25	12	18.07	18.19	18.08	0
		25	25	18.04	18.13	17.98	0
		50	0	18.16	18.24	18.07	0
BW	MCS Index	Channel		131997	132322	132647	3GPP MPR
		Frequency (MHz)		1712.5	1745	1777.5	
5M	QPSK	1	0	18.28	18.38	18.21	0
		1	12	18.20	18.30	18.21	0
		1	24	18.15	18.26	18.13	0
		12	0	18.28	18.30	18.14	0
		12	6	18.24	18.22	18.11	0
		12	13	18.16	18.21	18.07	0
		25	0	18.25	18.34	18.14	0
5M	16QAM	1	0	18.13	18.26	18.15	0
		1	12	18.13	18.17	18.07	0
		1	24	18.01	18.06	18.00	0
		12	0	18.09	18.15	18.09	0
		12	6	18.07	18.11	18.06	0
		12	13	18.09	18.08	18.05	0
		25	0	18.16	18.22	18.04	0

LTE Conducted Power (Body-worn, Hotspot and Extremity when DSI=2)							
LTE Band 66							
BW	MCS Index	Channel		131987	132322	132657	3GPP MPR
		Frequency (MHz)		1711.5	1745	1778.5	
3M	QPSK	1	0	18.24	18.29	18.24	0
		1	7	18.17	18.29	18.12	0
		1	14	18.12	18.17	18.09	0
		8	0	18.28	18.28	18.17	0
		8	3	18.17	18.22	18.17	0
		8	7	18.20	18.27	18.14	0
		15	0	18.20	18.34	18.16	0
3M	16QAM	1	0	18.15	18.19	18.07	0
		1	7	18.13	18.23	18.03	0
		1	14	18.09	18.15	18.04	0
		8	0	18.16	18.18	18.07	0
		8	3	18.12	18.18	18.00	0
		8	7	18.03	18.11	17.97	0
		15	0	18.10	18.19	18.10	0
BW	MCS Index	Channel		131979	132322	132665	3GPP MPR
		Frequency (MHz)		1710.7	1745	1779.3	
1.4M	QPSK	1	0	18.22	18.18	18.07	0
		1	2	18.05	18.29	18.04	0
		1	5	18.12	18.16	17.93	0
		3	0	18.18	18.12	18.11	0
		3	1	18.18	18.17	18.03	0
		3	3	18.12	18.11	18.05	0
		6	0	18.16	18.29	18.21	0
1.4M	16QAM	1	0	18.12	18.11	18.10	0
		1	2	18.09	18.08	17.96	0
		1	5	18.06	17.92	17.92	0
		3	0	18.02	18.09	17.99	0
		3	1	18.03	18.11	17.91	0
		3	3	17.94	18.06	17.87	0
		6	0	18.08	18.19	18.02	0

WLAN/BT Conducted Power (Head when DSI=1)			
WLAN2.4GHz			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11b	1	2412	15.41
	6	2437	15.46
	11	2462	15.22

Bluetooth Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
BR / EDR	0	2402	8.09
	39	2441	8.11
	78	2480	9.62
LE	0	2402	-3.08
	19	2440	-2.36
	39	2480	-3.71

WLAN 5.3GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11n HT40	54	5270	14.35
	62	5310	14.4

WLAN 5.6GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11n HT40	102	5510	14.34
	110	5550	14.49
	118	5590	14.44
	126	5630	14.48
	134	5670	14.4

WLAN 5.8GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11n HT40	151	5755	14.29
	159	5795	14.47

WLAN/BT Conducted Power (Body-worn, Hotspot and Extremity when DSI=2)			
WLAN2.4GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11b	1	2412	15.41
	6	2437	15.46
	11	2462	15.22

Bluetooth Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
BR / EDR	0	2402	8.09
	39	2441	8.11
	78	2480	9.62
LE	0	2402	-3.08
	19	2440	-2.36
	39	2480	-3.71

WLAN 5.2GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11a	36	5180	16.31
	40	5200	16.4
	44	5220	16.21
	48	5240	16.3

WLAN 5.3GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11a	52	5260	16.36
	56	5280	16.45
	60	5300	16.34
	64	5320	16.3

WLAN 5.6GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11a	100	5500	16.19
	116	5580	16.48
	120	5600	16.28
	124	5620	16.24
	132	5660	16.4
	140	5700	16.38

WLAN 5.8GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11a	149	5745	16.4
	153	5765	16.2
	157	5785	16.44
	161	5805	16.29
	165	5825	16.25

Annex F. SAR Test Result

SAR Results for Head / Body-worn / Product Specific Exposure Condition.

Note:

1. SAR testing for WLAN was performed on the maximum power mode.
2. SAR testing for LTE was performed on the maximum power mode.
3. The "< 0.001" means there is no SAR value or the SAR is too low to be measured.
4. Since LTE of this device supports VOIP capability through 3rd party apps software, we have evaluated data mode for head SAR.

Head SAR Test Result

System & Position								SAR							
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	RB#	RB offset	Duty Cycle	Crest Factor	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
	LTE 2	QPSK20M	Right Cheek	-	18900	1	0	-	1.00	24.00	22.47	1.42	-0.03	0.326	0.46
	LTE 2	QPSK20M	Right Tilted	-	18900	1	0	-	1.00	24.00	22.47	1.42	0.02	0.21	0.30
	LTE 2	QPSK20M	Left Cheek	-	18900	1	0	-	1.00	24.00	22.47	1.42	-0.12	0.247	0.35
	LTE 2	QPSK20M	Left Tilted	-	18900	1	0	-	1.00	24.00	22.47	1.42	0.11	0.237	0.34
	LTE 2	QPSK20M	Right Cheek	-	18900	50	0	-	1.00	23.00	21.42	1.44	0.09	0.264	0.38
	LTE 2	QPSK20M	Right Tilted	-	18900	50	0	-	1.00	23.00	21.42	1.44	-0.08	0.19	0.27
	LTE 2	QPSK20M	Left Cheek	-	18900	50	0	-	1.00	23.00	21.42	1.44	0.02	0.214	0.31
	LTE 2	QPSK20M	Left Tilted	-	18900	50	0	-	1.00	23.00	21.42	1.44	-0.13	0.204	0.29
	LTE 2	QPSK20M	Right Cheek	-	18700	1	0	-	1.00	24.00	22.31	1.48	-0.11	0.321	0.48
1	LTE 2	QPSK20M	Right Cheek	-	19100	1	0	-	1.00	24.00	22.15	1.53	-0.12	0.369	0.56
	LTE 5	QPSK10M	Right Cheek	-	20525	1	0	-	1.00	24.00	22.79	1.32	-0.1	0.147	0.19
	LTE 5	QPSK10M	Right Tilted	-	20525	1	0	-	1.00	24.00	22.79	1.32	-0.03	0.085	0.11
	LTE 5	QPSK10M	Left Cheek	-	20525	1	0	-	1.00	24.00	22.79	1.32	-0.07	0.172	0.23
	LTE 5	QPSK10M	Left Tilted	-	20525	1	0	-	1.00	24.00	22.79	1.32	-0.06	0.091	0.12
	LTE 5	QPSK10M	Right Cheek	-	20525	25	0	-	1.00	23.00	21.79	1.32	-0.15	0.118	0.16
	LTE 5	QPSK10M	Right Tilted	-	20525	25	0	-	1.00	23.00	21.79	1.32	-0.18	0.068	0.09
	LTE 5	QPSK10M	Left Cheek	-	20525	25	0	-	1.00	23.00	21.79	1.32	0.19	0.136	0.18
	LTE 5	QPSK10M	Left Tilted	-	20525	25	0	-	1.00	23.00	21.79	1.32	-0.04	0.075	0.10
2	LTE 5	QPSK10M	Left Cheek	-	20450	1	0	-	1.00	24.00	22.61	1.38	-0.03	0.185	0.26
	LTE 5	QPSK10M	Left Cheek	-	20600	1	0	-	1.00	24.00	22.65	1.36	-0.05	0.163	0.22
	LTE 12	QPSK10M	Right Cheek	-	23095	1	0	-	1.00	23.00	21.77	1.33	-0.16	0.093	0.12
	LTE 12	QPSK10M	Right Tilted	-	23095	1	0	-	1.00	23.00	21.77	1.33	-0.12	0.051	0.07
	LTE 12	QPSK10M	Left Cheek	-	23095	1	0	-	1.00	23.00	21.77	1.33	0.16	0.101	0.13
	LTE 12	QPSK10M	Left Tilted	-	23095	1	0	-	1.00	23.00	21.77	1.33	0.01	0.059	0.08
	LTE 12	QPSK10M	Right Cheek	-	23095	25	0	-	1.00	22.00	20.79	1.32	0.17	0.08	0.11
	LTE 12	QPSK10M	Right Tilted	-	23095	25	0	-	1.00	22.00	20.79	1.32	0.13	0.044	0.06
	LTE 12	QPSK10M	Left Cheek	-	23095	25	0	-	1.00	22.00	20.79	1.32	-0.05	0.091	0.12
	LTE 12	QPSK10M	Left Tilted	-	23095	25	0	-	1.00	22.00	20.79	1.32	0.15	0.054	0.07
	LTE 12	QPSK10M	Left Cheek	-	23060	1	0	-	1.00	23.00	21.69	1.35	-0.13	0.096	0.13
3	LTE 12	QPSK10M	Left Cheek	-	23130	1	0	-	1.00	23.00	21.68	1.36	-0.04	0.104	0.14
	LTE 13	QPSK10M	Right Cheek	-	23230	1	0	-	1.00	23.00	22.87	1.03	-0.08	0.159	0.16
	LTE 13	QPSK10M	Right Tilted	-	23230	1	0	-	1.00	23.00	22.87	1.03	0.15	0.091	0.09
4	LTE 13	QPSK10M	Left Cheek	-	23230	1	0	-	1.00	23.00	22.87	1.03	-0.05	0.182	0.19
	LTE 13	QPSK10M	Left Tilted	-	23230	1	0	-	1.00	23.00	22.87	1.03	-0.04	0.11	0.11
	LTE 13	QPSK10M	Right Cheek	-	23230	25	0	-	1.00	22.00	21.88	1.03	-0.1	0.123	0.13
	LTE 13	QPSK10M	Right Tilted	-	23230	25	0	-	1.00	22.00	21.88	1.03	0.19	0.07	0.07
	LTE 13	QPSK10M	Left Cheek	-	23230	25	0	-	1.00	22.00	21.88	1.03	0.13	0.132	0.14
	LTE 13	QPSK10M	Left Tilted	-	23230	25	0	-	1.00	22.00	21.88	1.03	0.04	0.082	0.08

Head SAR Test Result

System & Position								SAR							
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	RB#	RB offset	Duty Cycle	Crest Factor	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
	LTE 66 / 4	QPSK20M	Right Cheek	-	132322	1	0	-	1.00	24.00	22.49	1.42	-0.17	0.154	0.22
	LTE 66 / 4	QPSK20M	Right Tilted	-	132322	1	0	-	1.00	24.00	22.49	1.42	0.19	0.083	0.12
	LTE 66 / 4	QPSK20M	Left Cheek	-	132322	1	0	-	1.00	24.00	22.49	1.42	-0.1	0.112	0.16
	LTE 66 / 4	QPSK20M	Left Tilted	-	132322	1	0	-	1.00	24.00	22.49	1.42	0	0.091	0.13
	LTE 66 / 4	QPSK20M	Right Cheek	-	132322	50	0	-	1.00	23.00	21.58	1.39	-0.06	0.129	0.18
	LTE 66 / 4	QPSK20M	Right Tilted	-	132322	50	0	-	1.00	23.00	21.58	1.39	0	0.068	0.09
	LTE 66 / 4	QPSK20M	Left Cheek	-	132322	50	0	-	1.00	23.00	21.58	1.39	-0.02	0.089	0.12
	LTE 66 / 4	QPSK20M	Left Tilted	-	132322	50	0	-	1.00	23.00	21.58	1.39	0.18	0.073	0.10
	LTE 66 / 4	QPSK20M	Right Cheek	-	132072	1	0	-	1.00	24.00	22.22	1.51	0.05	0.135	0.20
5	LTE 66 / 4	QPSK20M	Right Cheek	-	132572	1	0	-	1.00	24.00	22.24	1.50	-0.04	0.182	0.27
	WLAN2.4G	802.11b	Right Cheek	-	6			100.00	1.00	15.50	15.46	1.01	-0.08	0.352	0.36
	WLAN2.4G	802.11b	Right Tilted	-	6			100.00	1.00	15.50	15.46	1.01	-0.11	0.362	0.37
	WLAN2.4G	802.11b	Left Cheek	-	6			100.00	1.00	15.50	15.46	1.01	-0.09	0.663	0.67
	WLAN2.4G	802.11b	Left Tilted	-	6			100.00	1.00	15.50	15.46	1.01	-0.04	0.456	0.46
	WLAN2.4G	802.11b	Left Cheek	-	1			100.00	1.00	15.50	15.41	1.02	-0.11	0.577	0.59
6	WLAN2.4G	802.11b	Left Cheek	-	11			100.00	1.00	15.50	15.22	1.07	-0.04	0.682	0.73
	WLAN5.3G	802.11n HT40	Right Cheek	-	62			100.00	1.00	14.50	14.40	1.02	-0.03	0.428	0.44
	WLAN5.3G	802.11n HT40	Right Tilted	-	62			100.00	1.00	14.50	14.40	1.02	-0.16	0.46	0.47
	WLAN5.3G	802.11n HT40	Left Cheek	-	62			100.00	1.00	14.50	14.40	1.02	0.13	0.974	0.99
	WLAN5.3G	802.11n HT40	Left Tilted	-	62			100.00	1.00	14.50	14.40	1.02	-0.1	0.874	0.89
7	WLAN5.3G	802.11n HT40	Left Cheek	-	54			100.00	1.00	14.50	14.35	1.04	-0.14	1.1	1.14
	WLAN5.3G	802.11n HT40	Left Tilted	-	54			100.00	1.00	14.50	14.35	1.04	-0.06	0.989	1.03
	WLAN5.3G	802.11n HT40	Left Cheek	-	54			100.00	1.00	14.50	14.35	1.04	0.03	1.09	1.13
	WLAN5.6G	802.11n HT40	Right Cheek	-	110			100.00	1.00	14.50	14.49	1.00	0.03	0.34	0.34
	WLAN5.6G	802.11n HT40	Right Tilted	-	110			100.00	1.00	14.50	14.49	1.00	-0.03	0.381	0.38
	WLAN5.6G	802.11n HT40	Left Cheek	-	110			100.00	1.00	14.50	14.49	1.00	0.11	0.703	0.70
	WLAN5.6G	802.11n HT40	Left Tilted	-	110			100.00	1.00	14.50	14.49	1.00	0.13	0.616	0.62
8	WLAN5.6G	802.11n HT40	Left Cheek	-	102			100.00	1.00	14.50	14.34	1.04	-0.05	0.785	0.82
	WLAN5.6G	802.11n HT40	Left Cheek	-	118			100.00	1.00	14.50	14.44	1.01	0.02	0.692	0.70
	WLAN5.6G	802.11n HT40	Left Cheek	-	126			100.00	1.00	14.50	14.48	1.00	0.19	0.664	0.66
	WLAN5.6G	802.11n HT40	Left Cheek	-	134			100.00	1.00	14.50	14.40	1.02	-0.09	0.676	0.69

Head SAR Test Result

System & Position								SAR							
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	RB#	RB offset	Duty Cycle	Crest Factor	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
	WLAN5.8G	802.11n HT40	Right Cheek	-	159			100.00	1.00	14.50	14.47	1.01	0.11	0.487	0.49
	WLAN5.8G	802.11n HT40	Right Tilted	-	159			100.00	1.00	14.50	14.47	1.01	-0.08	0.522	0.53
9	WLAN5.8G	802.11n HT40	Left Cheek	-	159			100.00	1.00	14.50	14.47	1.01	-0.08	1.14	1.15
	WLAN5.8G	802.11n HT40	Left Tilted	-	159			100.00	1.00	14.50	14.47	1.01	0.12	1.11	1.12
	WLAN5.8G	802.11n HT40	Left Cheek	-	151			100.00	1.00	14.50	14.29	1.05	-0.1	1	1.05
	WLAN5.8G	802.11n HT40	Left Tilted	-	151			100.00	1.00	14.50	14.29	1.05	-0.14	0.982	1.03
	WLAN5.8G	802.11n HT40	Left Cheek	-	159			100.00	1.00	14.50	14.47	1.01	-0.17	1.13	1.14
	BT	BR / EDR	Right Cheek	-	78			76.60	1.31	10.00	9.62	1.09	0.01	0.105	0.15
	BT	BR / EDR	Right Tilted	-	78			76.60	1.31	10.00	9.62	1.09	0.02	0.1	0.14
	BT	BR / EDR	Left Cheek	-	78			76.60	1.31	10.00	9.62	1.09	0.14	0.194	0.28
	BT	BR / EDR	Left Tilted	-	78			76.60	1.31	10.00	9.62	1.09	0.19	0.125	0.18
	BT	BR / EDR	Left Cheek	-	0			76.60	1.31	10.00	8.09	1.55	-0.15	0.149	0.30
10	BT	BR / EDR	Left Cheek	-	39			76.60	1.31	10.00	8.11	1.55	-0.04	0.222	0.45

Body-worn SAR Test Result

System & Position								SAR							
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	RB#	RB offset	Duty Cycle	Crest Factor	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
	LTE 2	QPSK20M	Front Face	10	18700	1	0	-	1.00	20.50	20.47	1.01	-0.12	0.392	0.40
	LTE 2	QPSK20M	Rear Face	10	18700	1	0	-	1.00	20.50	20.47	1.01	-0.15	0.362	0.37
	LTE 2	QPSK20M	Front Face	10	18700	50	0	-	1.00	20.50	20.38	1.03	-0.03	0.386	0.40
	LTE 2	QPSK20M	Rear Face	10	18700	50	0	-	1.00	20.50	20.38	1.03	0.15	0.341	0.35
	LTE 2	QPSK20M	Front Face	10	18900	1	0	-	1.00	20.50	20.37	1.03	-0.04	0.383	0.39
11	LTE 2	QPSK20M	Front Face	10	19100	1	0	-	1.00	20.50	20.31	1.04	-0.05	0.398	0.41
	LTE 5	QPSK10M	Front Face	10	20525	1	0	-	1.00	24.00	22.79	1.32	-0.01	0.169	0.22
12	LTE 5	QPSK10M	Rear Face	10	20525	1	0	-	1.00	24.00	22.79	1.32	-0.03	0.177	0.23
	LTE 5	QPSK10M	Front Face	10	20525	25	0	-	1.00	23.00	21.79	1.32	0.13	0.135	0.18
	LTE 5	QPSK10M	Rear Face	10	20525	25	0	-	1.00	23.00	21.79	1.32	0.07	0.134	0.18
	LTE 5	QPSK10M	Rear Face	10	20450	1	0	-	1.00	24.00	22.61	1.38	0.17	0.161	0.22
	LTE 5	QPSK10M	Rear Face	10	20600	1	0	-	1.00	24.00	22.65	1.36	-0.02	0.159	0.22
	LTE 12	QPSK10M	Front Face	10	23095	1	0	-	1.00	23.00	21.77	1.33	-0.15	0.148	0.20
	LTE 12	QPSK10M	Rear Face	10	23095	1	0	-	1.00	23.00	21.77	1.33	-0.09	0.194	0.26
	LTE 12	QPSK10M	Front Face	10	23095	25	0	-	1.00	22.00	20.79	1.32	0.03	0.121	0.16
	LTE 12	QPSK10M	Rear Face	10	23095	25	0	-	1.00	22.00	20.79	1.32	-0.08	0.169	0.22
	LTE 12	QPSK10M	Rear Face	10	23060	1	0	-	1.00	23.00	21.69	1.35	0.12	0.19	0.26
13	LTE 12	QPSK10M	Rear Face	10	23130	1	0	-	1.00	23.00	21.68	1.36	-0.01	0.195	0.27
	LTE 13	QPSK10M	Front Face	10	23230	1	0	-	1.00	23.00	22.87	1.03	0.05	0.178	0.18
14	LTE 13	QPSK10M	Rear Face	10	23230	1	0	-	1.00	23.00	22.87	1.03	-0.04	0.235	0.24
	LTE 13	QPSK10M	Front Face	10	23230	25	0	-	1.00	22.00	21.88	1.03	-0.19	0.137	0.14
	LTE 13	QPSK10M	Rear Face	10	23230	25	0	-	1.00	22.00	21.88	1.03	-0.18	0.187	0.19
	LTE 66 / 4	QPSK20M	Front Face	10	132322	1	0	-	1.00	18.50	18.39	1.03	-0.01	0.207	0.21
	LTE 66 / 4	QPSK20M	Rear Face	10	132322	1	0	-	1.00	18.50	18.39	1.03	0.07	0.194	0.20
	LTE 66 / 4	QPSK20M	Front Face	10	132322	50	0	-	1.00	18.50	18.35	1.04	-0.08	0.199	0.21
	LTE 66 / 4	QPSK20M	Rear Face	10	132322	50	0	-	1.00	18.50	18.35	1.04	0.07	0.186	0.19
15	LTE 66 / 4	QPSK20M	Front Face	10	132072	1	0	-	1.00	18.50	18.31	1.04	-0.07	0.227	0.24
	LTE 66 / 4	QPSK20M	Front Face	10	132572	1	0	-	1.00	18.50	18.27	1.05	0.01	0.185	0.19
	WLAN2.4G	802.11b	Front Face	10	6			100.00	1.00	15.50	15.46	1.01	-0.17	0.11	0.11
	WLAN2.4G	802.11b	Rear Face	10	6			100.00	1.00	15.50	15.46	1.01	-0.03	0.209	0.21
	WLAN2.4G	802.11b	Rear Face	10	1			100.00	1.00	15.50	15.41	1.02	0.05	0.219	0.22
16	WLAN2.4G	802.11b	Rear Face	10	11			100.00	1.00	15.50	15.22	1.07	0.03	0.241	0.26

Body-worn SAR Test Result

System & Position								SAR							
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	RB#	RB offset	Duty Cycle	Crest Factor	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
	WLAN5.3G	802.11a	Front Face	10	56			100.00	1.00	16.50	16.45	1.01	-0.13	0.223	0.23
	WLAN5.3G	802.11a	Rear Face	10	56			100.00	1.00	16.50	16.45	1.01	0.01	0.373	0.38
17	WLAN5.3G	802.11a	Rear Face	10	52			100.00	1.00	16.50	16.36	1.03	-0.12	0.422	0.43
	WLAN5.3G	802.11a	Rear Face	10	60			100.00	1.00	16.50	16.34	1.04	-0.01	0.361	0.38
	WLAN5.3G	802.11a	Rear Face	10	64			100.00	1.00	16.50	16.30	1.05	-0.11	0.334	0.35
	WLAN5.6G	802.11a	Front Face	10	116			100.00	1.00	16.50	16.48	1.00	0.12	0.195	0.20
	WLAN5.6G	802.11a	Rear Face	10	116			100.00	1.00	16.50	16.48	1.00	-0.17	0.347	0.35
	WLAN5.6G	802.11a	Rear Face	10	100			100.00	1.00	16.50	16.19	1.07	0.05	0.312	0.33
	WLAN5.6G	802.11a	Rear Face	10	120			100.00	1.00	16.50	16.28	1.05	0.14	0.32	0.34
	WLAN5.6G	802.11a	Rear Face	10	124			100.00	1.00	16.50	16.24	1.06	0.09	0.326	0.35
	WLAN5.6G	802.11a	Rear Face	10	132			100.00	1.00	16.50	16.40	1.02	0.07	0.367	0.37
18	WLAN5.6G	802.11a	Rear Face	10	140			100.00	1.00	16.50	16.38	1.03	0.17	0.426	0.44
	WLAN5.8G	802.11a	Front Face	10	157			100.00	1.00	16.50	16.44	1.01	-0.02	0.389	0.39
	WLAN5.8G	802.11a	Rear Face	10	157			100.00	1.00	16.50	16.44	1.01	0.19	0.931	0.94
	WLAN5.8G	802.11a	Rear Face	10	149			100.00	1.00	16.50	16.40	1.02	0.15	0.65	0.66
	WLAN5.8G	802.11a	Rear Face	10	153			100.00	1.00	16.50	16.20	1.07	0.06	0.693	0.74
	WLAN5.8G	802.11a	Rear Face	10	161			100.00	1.00	16.50	16.29	1.05	-0.17	0.92	0.97
19	WLAN5.8G	802.11a	Rear Face	10	165			100.00	1.00	16.50	16.25	1.06	-0.12	0.932	0.99
	WLAN5.8G	802.11a	Rear Face	10	165			100.00	1.00	16.50	16.25	1.06	-0.05	0.924	0.98
	BT	BR / EDR	Front Face	10	78			76.60	1.31	10.00	9.62	1.09	-0.03	0.046	0.07
	BT	BR / EDR	Rear Face	10	78			76.60	1.31	10.00	9.62	1.09	-0.07	0.082	0.12
	BT	BR / EDR	Rear Face	10	0			76.60	1.31	10.00	8.09	1.55	0.15	0.053	0.11
20	BT	BR / EDR	Rear Face	10	39			76.60	1.31	10.00	8.11	1.55	-0.16	0.088	0.18

Hotspot SAR Test Result

System & Position								SAR							
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	RB#	RB offset	Duty Cycle	Crest Factor	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
	LTE 2	QPSK20M	Front Face	10	18700	1	0	-	1.00	20.50	20.47	1.01	-0.12	0.392	0.40
	LTE 2	QPSK20M	Rear Face	10	18700	1	0	-	1.00	20.50	20.47	1.01	-0.15	0.362	0.37
	LTE 2	QPSK20M	Left Side	10	18700	1	0	-	1.00	20.50	20.47	1.01	0.13	0.076	0.08
	LTE 2	QPSK20M	Right Side	10	18700	1	0	-	1.00	20.50	20.47	1.01	0.03	0.116	0.12
21	LTE 2	QPSK20M	Bottom Side	10	18700	1	0	-	1.00	20.50	20.47	1.01	-0.04	0.601	0.61
	LTE 2	QPSK20M	Front Face	10	18700	50	0	-	1.00	20.50	20.38	1.03	-0.03	0.386	0.40
	LTE 2	QPSK20M	Rear Face	10	18700	50	0	-	1.00	20.50	20.38	1.03	0.15	0.341	0.35
	LTE 2	QPSK20M	Left Side	10	18700	50	0	-	1.00	20.50	20.38	1.03	-0.05	0.093	0.10
	LTE 2	QPSK20M	Right Side	10	18700	50	0	-	1.00	20.50	20.38	1.03	-0.04	0.111	0.11
	LTE 2	QPSK20M	Bottom Side	10	18700	50	0	-	1.00	20.50	20.38	1.03	-0.14	0.522	0.54
	LTE 2	QPSK20M	Bottom Side	10	18900	1	0	-	1.00	20.50	20.37	1.03	0.09	0.536	0.55
	LTE 2	QPSK20M	Bottom Side	10	19100	1	0	-	1.00	20.50	20.31	1.04	-0.05	0.46	0.48
	LTE 5	QPSK10M	Front Face	10	20525	1	0	-	1.00	24.00	22.79	1.32	-0.01	0.169	0.22
12	LTE 5	QPSK10M	Rear Face	10	20525	1	0	-	1.00	24.00	22.79	1.32	-0.03	0.177	0.23
	LTE 5	QPSK10M	Left Side	10	20525	1	0	-	1.00	24.00	22.79	1.32	-0.06	0.116	0.15
	LTE 5	QPSK10M	Right Side	10	20525	1	0	-	1.00	24.00	22.79	1.32	0.07	0.061	0.08
	LTE 5	QPSK10M	Bottom Side	10	20525	1	0	-	1.00	24.00	22.79	1.32	-0.02	0.078	0.10
	LTE 5	QPSK10M	Front Face	10	20525	25	0	-	1.00	23.00	21.79	1.32	0.02	0.135	0.18
	LTE 5	QPSK10M	Rear Face	10	20525	25	0	-	1.00	23.00	21.79	1.32	-0.18	0.134	0.18
	LTE 5	QPSK10M	Left Side	10	20525	25	0	-	1.00	23.00	21.79	1.32	-0.11	0.093	0.12
	LTE 5	QPSK10M	Right Side	10	20525	25	0	-	1.00	23.00	21.79	1.32	0.15	0.063	0.08
	LTE 5	QPSK10M	Bottom Side	10	20525	25	0	-	1.00	23.00	21.79	1.32	0.04	0.056	0.07
	LTE 5	QPSK10M	Rear Face	10	20450	1	0	-	1.00	24.00	22.61	1.38	0.17	0.161	0.22
	LTE 5	QPSK10M	Rear Face	10	20600	1	0	-	1.00	24.00	22.65	1.36	-0.02	0.159	0.22
	LTE 12	QPSK10M	Front Face	10	23095	1	0	-	1.00	23.00	21.77	1.33	-0.15	0.148	0.20
	LTE 12	QPSK10M	Rear Face	10	23095	1	0	-	1.00	23.00	21.77	1.33	-0.09	0.194	0.26
	LTE 12	QPSK10M	Left Side	10	23095	1	0	-	1.00	23.00	21.77	1.33	0.19	0.083	0.11
	LTE 12	QPSK10M	Right Side	10	23095	1	0	-	1.00	23.00	21.77	1.33	0.04	0.072	0.10
	LTE 12	QPSK10M	Bottom Side	10	23095	1	0	-	1.00	23.00	21.77	1.33	0	<0.001	0.00
	LTE 12	QPSK10M	Front Face	10	23095	25	0	-	1.00	22.00	20.79	1.32	0.03	0.121	0.16
	LTE 12	QPSK10M	Rear Face	10	23095	25	0	-	1.00	22.00	20.79	1.32	-0.08	0.169	0.22
	LTE 12	QPSK10M	Left Side	10	23095	25	0	-	1.00	22.00	20.79	1.32	-0.01	0.067	0.09
	LTE 12	QPSK10M	Right Side	10	23095	25	0	-	1.00	22.00	20.79	1.32	-0.03	0.102	0.13
	LTE 12	QPSK10M	Bottom Side	10	23095	25	0	-	1.00	22.00	20.79	1.32	0	<0.001	0.00
	LTE 12	QPSK10M	Rear Face	10	23060	1	0	-	1.00	23.00	21.69	1.35	0.12	0.19	0.26
13	LTE 12	QPSK10M	Rear Face	10	23130	1	0	-	1.00	23.00	21.68	1.36	-0.01	0.195	0.27

Hotspot SAR Test Result

System & Position								SAR							
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	RB#	RB offset	Duty Cycle	Crest Factor	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
14	LTE 13	QPSK10M	Front Face	10	23230	1	0	-	1.00	23.00	22.87	1.03	0.05	0.178	0.18
	LTE 13	QPSK10M	Rear Face	10	23230	1	0	-	1.00	23.00	22.87	1.03	-0.04	0.235	0.24
	LTE 13	QPSK10M	Left Side	10	23230	1	0	-	1.00	23.00	22.87	1.03	0.1	0.081	0.08
	LTE 13	QPSK10M	Right Side	10	23230	1	0	-	1.00	23.00	22.87	1.03	0.1	0.063	0.06
	LTE 13	QPSK10M	Bottom Side	10	23230	1	0	-	1.00	23.00	22.87	1.03	-0.17	0.064	0.07
	LTE 13	QPSK10M	Front Face	10	23230	25	0	-	1.00	22.00	21.88	1.03	-0.19	0.137	0.14
	LTE 13	QPSK10M	Rear Face	10	23230	25	0	-	1.00	22.00	21.88	1.03	-0.18	0.187	0.19
	LTE 13	QPSK10M	Left Side	10	23230	25	0	-	1.00	22.00	21.88	1.03	0.18	0.085	0.09
	LTE 13	QPSK10M	Right Side	10	23230	25	0	-	1.00	22.00	21.88	1.03	-0.12	0.093	0.10
	LTE 13	QPSK10M	Bottom Side	10	23230	25	0	-	1.00	22.00	21.88	1.03	-0.04	0.048	0.05
	LTE 66 / 4	QPSK20M	Front Face	10	132322	1	0	-	1.00	18.50	18.39	1.03	-0.01	0.207	0.21
	LTE 66 / 4	QPSK20M	Rear Face	10	132322	1	0	-	1.00	18.50	18.39	1.03	0.07	0.194	0.20
	LTE 66 / 4	QPSK20M	Left Side	10	132322	1	0	-	1.00	18.50	18.39	1.03	0	<0.001	0.00
	LTE 66 / 4	QPSK20M	Right Side	10	132322	1	0	-	1.00	18.50	18.39	1.03	0	<0.001	0.00
	LTE 66 / 4	QPSK20M	Bottom Side	10	132322	1	0	-	1.00	18.50	18.39	1.03	0.06	0.631	0.65
	LTE 66 / 4	QPSK20M	Front Face	10	132322	50	0	-	1.00	18.50	18.35	1.04	-0.08	0.199	0.21
	LTE 66 / 4	QPSK20M	Rear Face	10	132322	50	0	-	1.00	18.50	18.35	1.04	0.07	0.186	0.19
	LTE 66 / 4	QPSK20M	Left Side	10	132322	50	0	-	1.00	18.50	18.35	1.04	0	<0.001	0.00
	LTE 66 / 4	QPSK20M	Right Side	10	132322	50	0	-	1.00	18.50	18.35	1.04	0	<0.001	0.00
	LTE 66 / 4	QPSK20M	Bottom Side	10	132322	50	0	-	1.00	18.50	18.35	1.04	0.14	0.605	0.63
25	LTE 66 / 4	QPSK20M	Bottom Side	10	132072	1	0	-	1.00	18.50	18.31	1.04	-0.04	0.763	0.79
	LTE 66 / 4	QPSK20M	Bottom Side	10	132572	1	0	-	1.00	18.50	18.27	1.05	-0.04	0.556	0.58
	WLAN2.4G	802.11b	Front Face	10	6			100.00	1.00	15.50	15.46	1.01	-0.17	0.109	0.11
	WLAN2.4G	802.11b	Rear Face	10	6			100.00	1.00	15.50	15.46	1.01	-0.03	0.209	0.21
	WLAN2.4G	802.11b	Right Side	10	6			100.00	1.00	15.50	15.46	1.01	-0.02	0.11	0.11
	WLAN2.4G	802.11b	Top Side	10	6			100.00	1.00	15.50	15.46	1.01	0.01	0.121	0.12
	WLAN2.4G	802.11b	Rear Face	10	1			100.00	1.00	15.50	15.41	1.02	0.05	0.219	0.22
16	WLAN2.4G	802.11b	Rear Face	10	11			100.00	1.00	15.50	15.22	1.07	0.03	0.241	0.26
	WLAN5.2G	802.11a	Front Face	10	40			100.00	1.00	16.50	16.40	1.02	0.05	0.211	0.22
	WLAN5.2G	802.11a	Rear Face	10	40			100.00	1.00	16.50	16.40	1.02	-0.07	0.35	0.36
	WLAN5.2G	802.11a	Right Side	10	40			100.00	1.00	16.50	16.40	1.02	0.09	0.288	0.29
	WLAN5.2G	802.11a	Top Side	10	40			100.00	1.00	16.50	16.40	1.02	0.06	0.311	0.32
27	WLAN5.2G	802.11a	Rear Face	10	36			100.00	1.00	16.50	16.31	1.04	0.11	0.402	0.42
	WLAN5.2G	802.11a	Rear Face	10	44			100.00	1.00	16.50	16.21	1.07	-0.08	0.318	0.34
	WLAN5.2G	802.11a	Rear Face	10	48			100.00	1.00	16.50	16.30	1.05	-0.03	0.334	0.35

Hotspot SAR Test Result

System & Position								SAR							
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	RB#	RB offset	Duty Cycle	Crest Factor	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
	WLAN5.8G	802.11a	Front Face	10	157			100.00	1.00	16.50	16.44	1.01	-0.02	0.389	0.39
	WLAN5.8G	802.11a	Rear Face	10	157			100.00	1.00	16.50	16.44	1.01	0.19	0.931	0.94
	WLAN5.8G	802.11a	Right Side	10	157			100.00	1.00	16.50	16.44	1.01	-0.08	0.5	0.51
	WLAN5.8G	802.11a	Top Side	10	157			100.00	1.00	16.50	16.44	1.01	0.07	0.541	0.55
	WLAN5.8G	802.11a	Rear Face	10	149			100.00	1.00	16.50	16.40	1.02	0.15	0.65	0.66
	WLAN5.8G	802.11a	Rear Face	10	153			100.00	1.00	16.50	16.20	1.07	0.06	0.693	0.74
	WLAN5.8G	802.11a	Rear Face	0	161			100.00	1.00	16.50	16.29	1.05	-0.17	0.92	0.97
19	WLAN5.8G	802.11a	Rear Face	10	165			100.00	1.00	16.50	16.25	1.06	-0.12	0.932	0.99
	WLAN5.8G	802.11a	Rear Face	10	165			100.00	1.00	16.50	16.25	1.06	-0.05	0.924	0.98
	BT	BR / EDR	Front Face	10	78			76.60	1.31	10.00	9.62	1.09	-0.03	0.046	0.07
	BT	BR / EDR	Rear Face	10	78			76.60	1.31	10.00	9.62	1.09	-0.07	0.082	0.12
	BT	BR / EDR	Right Side	10	78			76.60	1.31	10.00	9.62	1.09	-0.11	0.036	0.05
	BT	BR / EDR	Top Side	10	78			76.60	1.31	10.00	9.62	1.09	-0.17	0.046	0.07
	BT	BR / EDR	Rear Face	10	0			76.60	1.31	10.00	8.09	1.55	0.15	0.053	0.11
20	BT	BR / EDR	Rear Face	10	39			76.60	1.31	10.00	8.11	1.55	-0.16	0.088	0.18

Product Specific SAR Test Result

System & Position								SAR							
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	RB#	RB offset	Duty Cycle	Crest Factor	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-10g (W/kg)	Scaled SAR-10g (W/kg)
	WLAN5.3G	802.11a	Front Face	0	56			100.00	1.00	16.50	16.45	1.01	0.12	0.478	0.48
	WLAN5.3G	802.11a	Rear Face	0	56			100.00	1.00	16.50	16.45	1.01	0.07	0.537	0.54
	WLAN5.3G	802.11a	Right Side	0	56			100.00	1.00	16.50	16.45	1.01	0.01	0.274	0.28
	WLAN5.3G	802.11a	Top Side	0	56			100.00	1.00	16.50	16.45	1.01	0.03	0.311	0.31
31	WLAN5.3G	802.11a	Rear Face	0	52			100.00	1.00	16.50	16.36	1.03	-0.04	0.594	0.61
	WLAN5.3G	802.11a	Rear Face	0	60			100.00	1.00	16.50	16.34	1.04	0.08	0.579	0.60
	WLAN5.3G	802.11a	Rear Face	0	64			100.00	1.00	16.50	16.30	1.05	-0.09	0.528	0.55
	WLAN5.6G	802.11a	Front Face	0	116			100.00	1.00	16.50	16.48	1.00	-0.19	0.585	0.59
	WLAN5.6G	802.11a	Rear Face	0	116			100.00	1.00	16.50	16.48	1.00	0.16	0.624	0.62
	WLAN5.6G	802.11a	Right Side	0	116			100.00	1.00	16.50	16.48	1.00	0.09	0.462	0.46
	WLAN5.6G	802.11a	Top Side	0	116			100.00	1.00	16.50	16.48	1.00	0.04	0.481	0.48
	WLAN5.6G	802.11a	Rear Face	0	100			100.00	1.00	16.50	16.19	1.07	0.09	0.66	0.71
	WLAN5.6G	802.11a	Rear Face	0	120			100.00	1.00	16.50	16.28	1.05	-0.05	0.59	0.62
	WLAN5.6G	802.11a	Rear Face	0	124			100.00	1.00	16.50	16.24	1.06	-0.17	0.614	0.65
	WLAN5.6G	802.11a	Rear Face	0	132			100.00	1.00	16.50	16.40	1.02	-0.03	0.654	0.67
30	WLAN5.6G	802.11a	Rear Face	0	140			100.00	1.00	16.50	16.38	1.03	0.03	0.746	0.77

Annex G. SAR Measurement Variability

SAR repeated measurement are shown as below.

Repeat SAR							
Plot	Band	Mode	Test Position	Ch.	Original Measured SAR-1g (W/kg)	1st Repeated SAR-1g (W/kg)	L/S Ratio
R07	WLAN5.3G	802.11n HT40	Left Cheek	54	1.1	1.09	1.01
R09	WLAN5.8G	802.11n HT40	Left Cheek	159	1.14	1.13	1.01
R19	WLAN5.8G	802.11a	Rear Face	165	0.932	0.924	1.01

Annex H. Analysis of Simultaneous Transmission SAR.

The analysis of simultaneous transmission SAR are shown as below.

<Possibilities of Simultaneous Transmission>

The simultaneous transmission possibilities for this device are listed as below.

Simultaneous TX Combination	Capable Transmit Configurations	Head / Body-worn / Hotspot / Product Specific Exposure Condition
A	WWAN + WLAN 2.4G	Yes
B	WWAN + WLAN 5G	Yes
C	WWAN + BT	Yes

Notes

1. The WLAN 2.4G and WLAN 5G cannot transmit simultaneously.
2. The WLAN and Bluetooth cannot transmit simultaneously.

Simultaneous Transmission SAR Evaluation (Head)								
Band	Position	1	2	3	4	A (1 + 2)	B (1 + 3)	C (1 + 4)
		Max WWAN	Max WLAN 2.4GHz	Max WLAN 5GHz	Max BT	Summing result 1g SAR W/kg	Summing result 1g SAR W/kg	Summing result 1g SAR W/kg
		1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg			
LTE 2	Right Cheek	0.56	0.36	0.49	0.15	0.92	1.05	0.71
	Right Tilted	0.30	0.37	0.53	0.14	0.67	0.83	0.44
	Left Cheek	0.35	0.73	1.15	0.45	1.08	1.50	0.80
	Left Tilted	0.34	0.46	1.12	0.18	0.80	1.46	0.52
LTE 5	Right Cheek	0.19	0.36	0.49	0.15	0.55	0.68	0.34
	Right Tilted	0.11	0.37	0.53	0.14	0.48	0.64	0.25
	Left Cheek	0.26	0.73	1.15	0.45	0.99	1.41	0.71
	Left Tilted	0.12	0.46	1.12	0.18	0.58	1.24	0.30
LTE 12	Right Cheek	0.12	0.36	0.49	0.15	0.48	0.61	0.27
	Right Tilted	0.07	0.37	0.53	0.14	0.44	0.60	0.21
	Left Cheek	0.14	0.73	1.15	0.45	0.87	1.29	0.59
	Left Tilted	0.08	0.46	1.12	0.18	0.54	1.20	0.26
LTE 13	Right Cheek	0.16	0.36	0.49	0.15	0.52	0.65	0.31
	Right Tilted	0.09	0.37	0.53	0.14	0.46	0.62	0.23
	Left Cheek	0.19	0.73	1.15	0.45	0.92	1.34	0.64
	Left Tilted	0.11	0.46	1.12	0.18	0.57	1.23	0.29
LTE 66 / 4	Right Cheek	0.27	0.36	0.49	0.15	0.63	0.76	0.42
	Right Tilted	0.12	0.37	0.53	0.14	0.49	0.65	0.26
	Left Cheek	0.16	0.73	1.15	0.45	0.89	1.31	0.61
	Left Tilted	0.13	0.46	1.12	0.18	0.59	1.25	0.31

Simultaneous Transmission SAR Evaluation (Body-worn)								
Band	Position	1	2	3	4	A (1 + 2)	B (1 + 3)	C (1 + 4)
		Max WWAN	Max WLAN 2.4GHz	Max WLAN 5GHz	BT Ant 0	Summing result 1g SAR W/kg	Summing result 1g SAR W/kg	Summing result 1g SAR W/kg
		1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg			
LTE 2	Front Face	0.41	0.11	0.39	0.07	0.52	0.80	0.48
	Rear Face	0.37	0.26	0.99	0.18	0.63	1.36	0.55
LTE 5	Front Face	0.22	0.11	0.39	0.07	0.33	0.61	0.29
	Rear Face	0.23	0.26	0.99	0.18	0.49	1.22	0.41
LTE 12	Front Face	0.20	0.11	0.39	0.07	0.31	0.59	0.27
	Rear Face	0.27	0.26	0.99	0.18	0.53	1.26	0.45
LTE 13	Front Face	0.18	0.11	0.39	0.07	0.29	0.57	0.25
	Rear Face	0.24	0.26	0.99	0.18	0.50	1.23	0.42
LTE 66 / 4	Front Face	0.24	0.11	0.39	0.07	0.35	0.63	0.31
	Rear Face	0.20	0.26	0.99	0.18	0.46	1.19	0.38

Simultaneous Transmission SAR Evaluation (Hotspot)								
Band	Position	1	2	3	4	A (1 + 2)	B (1 + 3)	C (1 + 4)
		Max WWAN	Max WLAN 2.4GHz	Max WLAN 5GHz	BT Ant 0	Summing result 1g SAR W/kg	Summing result 1g SAR W/kg	Summing result 1g SAR W/kg
		1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg			
LTE 2	Front Face	0.41	0.11	0.39	0.07	0.52	0.80	0.48
	Rear Face	0.37	0.26	0.99	0.18	0.63	1.36	0.55
	Left Side	0.10	0.00	0.00	0.00	0.10	0.10	0.10
	Right Side	0.12	0.11	0.51	0.05	0.23	0.63	0.17
	Top Side	0.00	0.12	0.55	0.07	0.12	0.55	0.07
	Bottom Side	0.61	0.00	0.00	0.00	0.61	0.61	0.61
LTE 5	Front Face	0.22	0.11	0.39	0.07	0.33	0.61	0.29
	Rear Face	0.23	0.26	0.99	0.18	0.49	1.22	0.41
	Left Side	0.15	0.00	0.00	0.00	0.15	0.15	0.15
	Right Side	0.08	0.11	0.51	0.05	0.19	0.59	0.13
	Top Side	0.00	0.12	0.55	0.07	0.12	0.55	0.07
	Bottom Side	0.10	0.00	0.00	0.00	0.10	0.10	0.10
LTE 12	Front Face	0.20	0.11	0.39	0.07	0.31	0.59	0.27
	Rear Face	0.27	0.26	0.99	0.18	0.53	1.26	0.45
	Left Side	0.11	0.00	0.00	0.00	0.11	0.11	0.11
	Right Side	0.13	0.11	0.51	0.05	0.24	0.64	0.18
	Top Side	0.00	0.12	0.55	0.07	0.12	0.55	0.07
	Bottom Side	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LTE 13	Front Face	0.18	0.11	0.39	0.07	0.29	0.57	0.25
	Rear Face	0.24	0.26	0.99	0.18	0.50	1.23	0.42
	Left Side	0.09	0.00	0.00	0.00	0.09	0.09	0.09
	Right Side	0.10	0.11	0.51	0.05	0.21	0.61	0.15
	Top Side	0.00	0.12	0.55	0.07	0.12	0.55	0.07
	Bottom Side	0.07	0.00	0.00	0.00	0.07	0.07	0.07
LTE 66 / 4	Front Face	0.24	0.11	0.39	0.07	0.35	0.63	0.31
	Rear Face	0.20	0.26	0.99	0.18	0.46	1.19	0.38
	Left Side	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Right Side	0.00	0.11	0.51	0.05	0.11	0.51	0.05
	Top Side	0.00	0.12	0.55	0.07	0.12	0.55	0.07
	Bottom Side	0.79	0.00	0.00	0.00	0.79	0.79	0.79

Annex I. SAR to Peak Location Separation Ratio Analysis.

Since sum of simultaneous transmission SAR is less than the SAR limit for Body / Head : SAR_{1g} 1.6 W/kg ;
Extremity SAR_{10g} 4.0 W/kg. There is no requirement for SAR to Peak Location Separation Ratio Analysis.

Annex J. Calibration of Test Equipment List

Calibration of Test Equipment List are shown as below.

Equipment for SAR Test

Equipment	Manufacturer	Model	SN	Cal. Date	Cal. Interval
System Validation Dipole	SPEAG	D750V3	1013	Aug. 31, 2021	1 Year
System Validation Dipole	SPEAG	D835V2	4d121	Aug. 31, 2021	1 Year
System Validation Dipole	SPEAG	D1750V2	1055	Sep. 02, 2021	1 Year
System Validation Dipole	SPEAG	D1900V2	5d036	Jan. 22, 2021	2 Years
System Validation Dipole	SPEAG	D2450V2	737	Aug. 26, 2021	1 Year
System Validation Dipole	SPEAG	D5GHzV2	1019	Mar. 19, 2021	1 Year
Dosimetric E-Field Probe	SPEAG	EX3DV4	7537	Apr. 26, 2021	1 Year
Dosimetric E-Field Probe	SPEAG	EX3DV4	7555	Sep. 27, 2021	1 Year
Data Acquisition Electronics	SPEAG	DAE4	1585	Apr. 15, 2021	1 Year
Data Acquisition Electronics	SPEAG	DAE4	1341	Aug. 20, 2021	1 Year
Spectrum Analyzer	R&S	FSL6	102006	Apr. 06, 2021	1 Year
Universal Wireless Test Set	Anritsu	MT8870A/MU887000A	6201699387	Sep. 22, 2021	1 Year
Thermometer	YFE	YF-160A	191100743	Apr. 12, 2021	1 Year
Dielectric Assessment Kit	SPEAG	DAKS-3.5	1151	Jul. 14, 2021	1 Year
Powersource1	SPEAG	SE_UMS_160 BA	4010	Jul. 13, 2021	1 Year

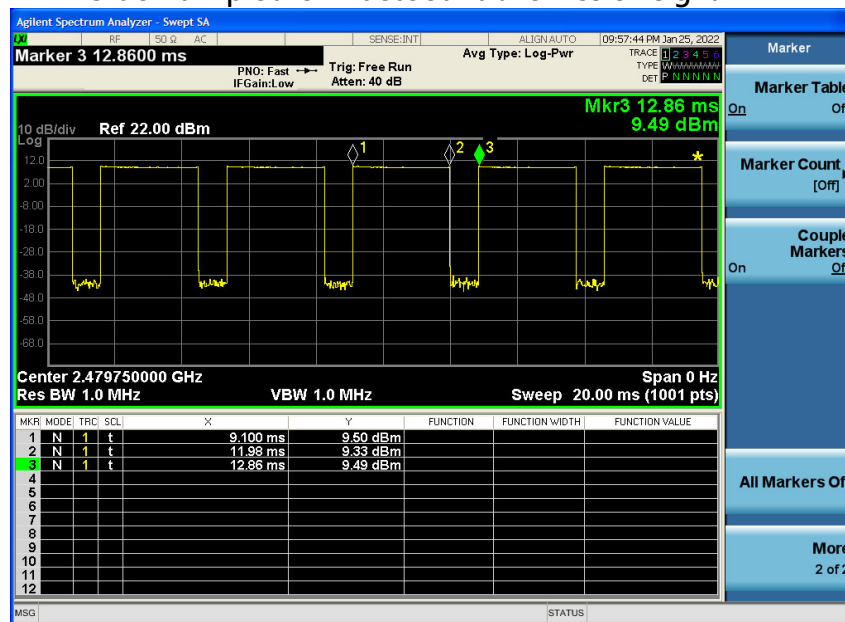
Annex K. Considerations Related to Bluetooth for Setup and Testing

This device has installed Bluetooth engineering testing software which can provide continuous transmitting RF signal. During Bluetooth SAR testing, this device was operated to transmit continuously at the maximum transmission duty with specified transmission mode, operating frequency, lowest data rate, and maximum output power.

The Bluetooth call box has been used during SAR measurement and the EUT was set to **DH5** mode at the maximum output power. Its duty factor was calculated as below and the measured SAR for Bluetooth would be scaled to the 100% transmission duty factor to determine compliance.

The duty factor of Bluetooth signal are shown as below.

<Time-domain plot for Bluetooth transmission signal>



Time-domain plot for Bluetooth transmission signal

The duty factor of Bluetooth signal has been calculated as following.

$$\text{Duty Factor} = \text{Pulse Width} / \text{Total Period} = (11.98 - 9.1) / (12.86 - 9.1) = 76.60\%$$