

Appendix A. Plots of System Verification

The plots for system verification are shown as follows.

Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2023/03/17

S01 System Check_H1900_230317

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

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

Medium: H06T27N6_0317 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.483$ S/m; $\epsilon_r = 40.099$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C ; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7797; ConvF(7.65, 7.65, 7.65) @ 1900 MHz; Calibrated: 2022/12/12
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 2022/09/22
- Phantom: SAM Phantom_1982; Type: QD 000 P41 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Pin=50mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 3.40 W/kg

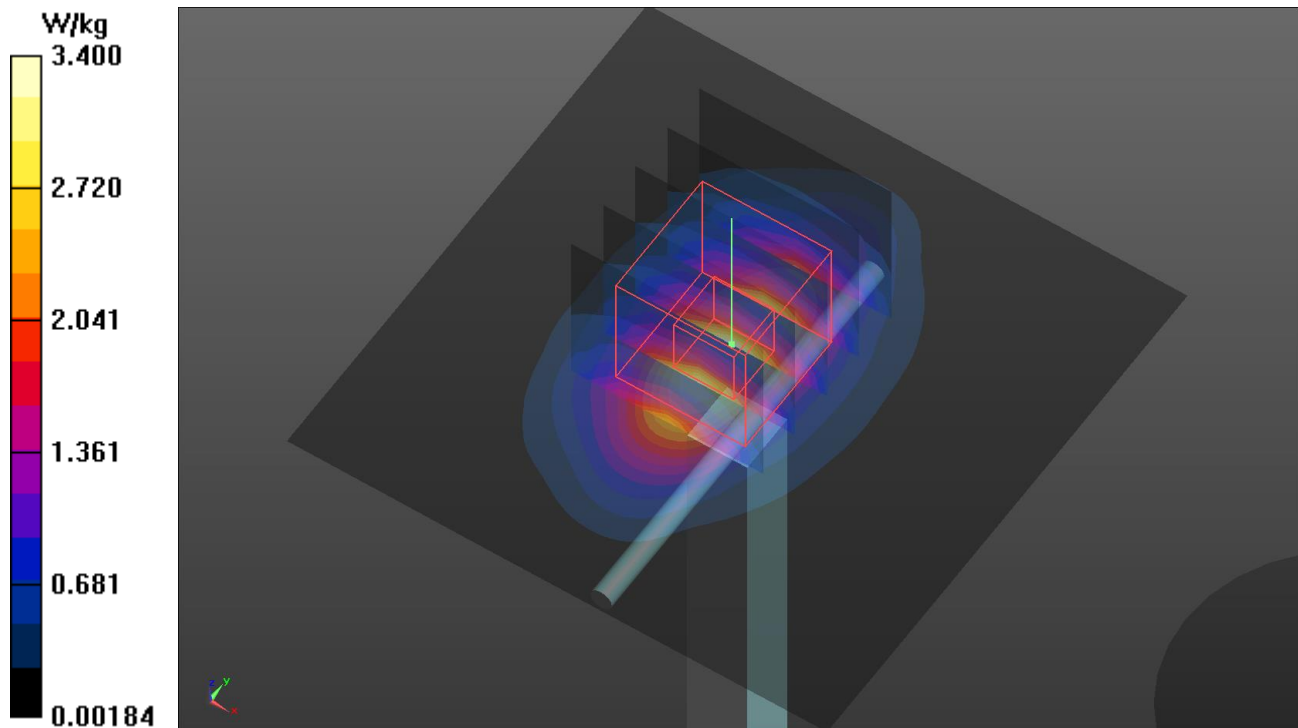
Pin=50mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 47.69 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 4.18 W/kg

SAR(1 g) = 2.07 W/kg; SAR(10 g) = 1.07 W/kg (SAR corrected for target medium)

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



Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2023/03/17

S02 System Check_H1750_230317

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

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

Medium: H06T27N6_0317 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.395$ S/m; $\epsilon_r = 40.318$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C ; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7797; ConvF(8.03, 8.03, 8.03) @ 1750 MHz; Calibrated: 2022/12/12
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 2022/09/22
- Phantom: SAM Phantom_1982; Type: QD 000 P41 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Pin=50mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 2.92 W/kg

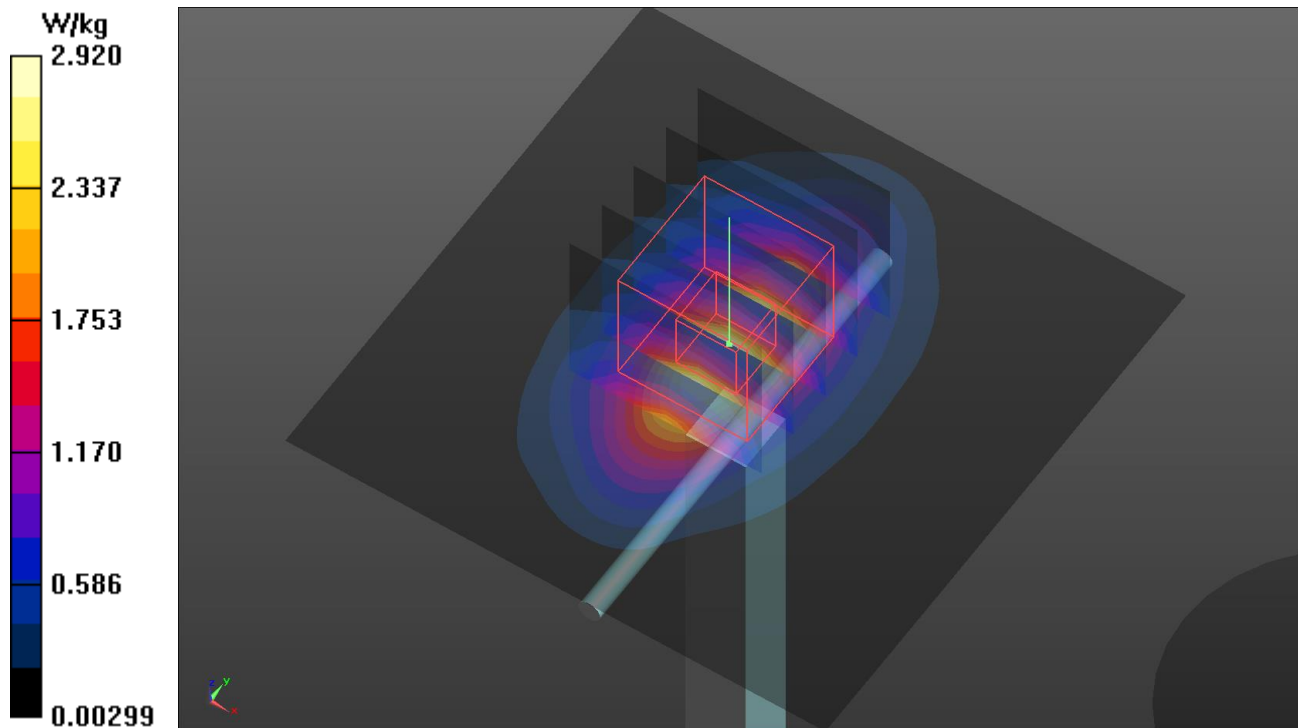
Pin=50mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 45.73 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 3.49 W/kg

SAR(1 g) = 1.83 W/kg; SAR(10 g) = 0.961 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 2.90 W/kg



Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2023/03/21

S03 System Check_H835_230321

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

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

Medium: H06T27N6_0321 Medium parameters used: $f = 835$ MHz; $\sigma = 0.942$ S/m; $\epsilon_r = 42.554$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.7 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7797; ConvF(8.87, 8.87, 8.87) @ 835 MHz; Calibrated: 2022/12/12
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 2022/09/22
- Phantom: SAM Phantom_1982; Type: QD 000 P41 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Pin=50mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.686 W/kg

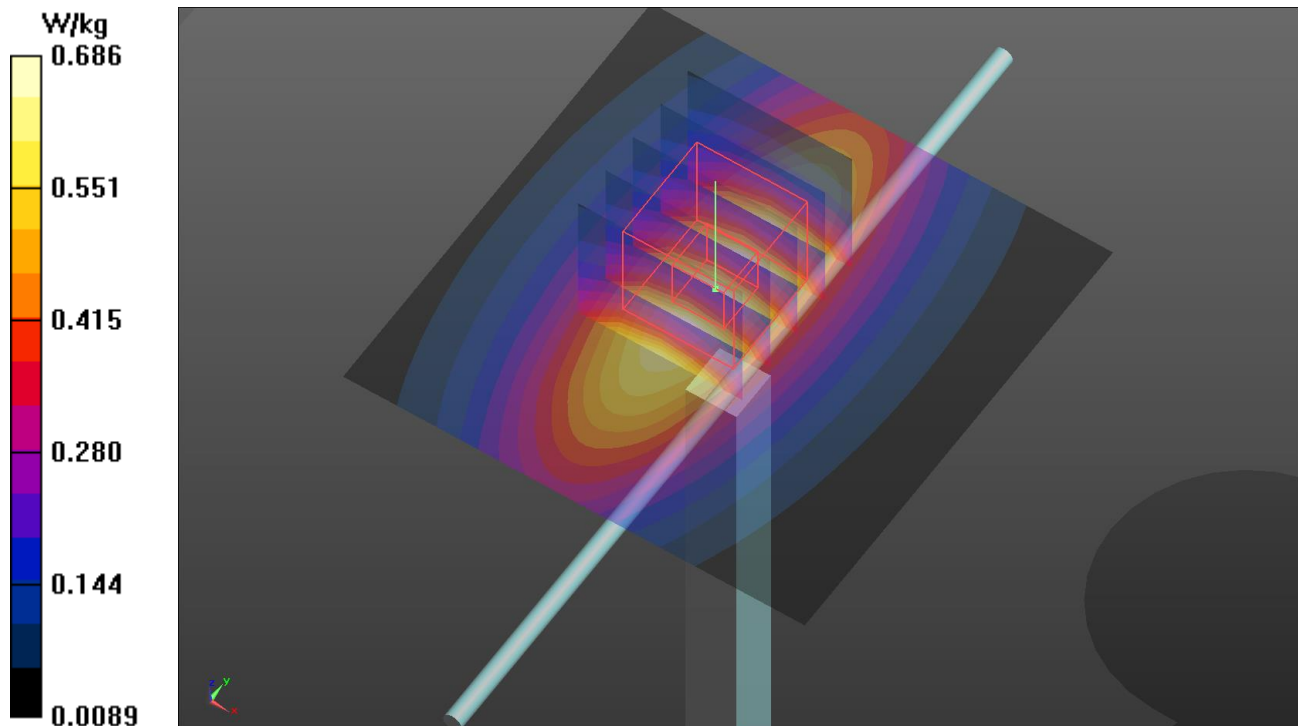
Pin=50mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.84 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.786 W/kg

SAR(1 g) = 0.501 W/kg; SAR(10 g) = 0.324 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.694 W/kg



Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2023/03/31

S04 System Check_H2600_230331

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

Communication System: UID 0, CW; Frequency: 2600 MHz; Duty Cycle: 1:1

Medium: H06T27N3_0331 Medium parameters used: $f = 2600$ MHz; $\sigma = 1.901$ S/m; $\epsilon_r = 38.652$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.1 °C ; Liquid Temperature : 21.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(7.59, 7.59, 7.59) @ 2600 MHz; Calibrated: 2022/05/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1698; Calibrated: 2022/11/17
- Phantom: Twin SAM Phantom_1823; Type: QD000P40
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Pin=50mW/Area Scan (81x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 4.49 W/kg

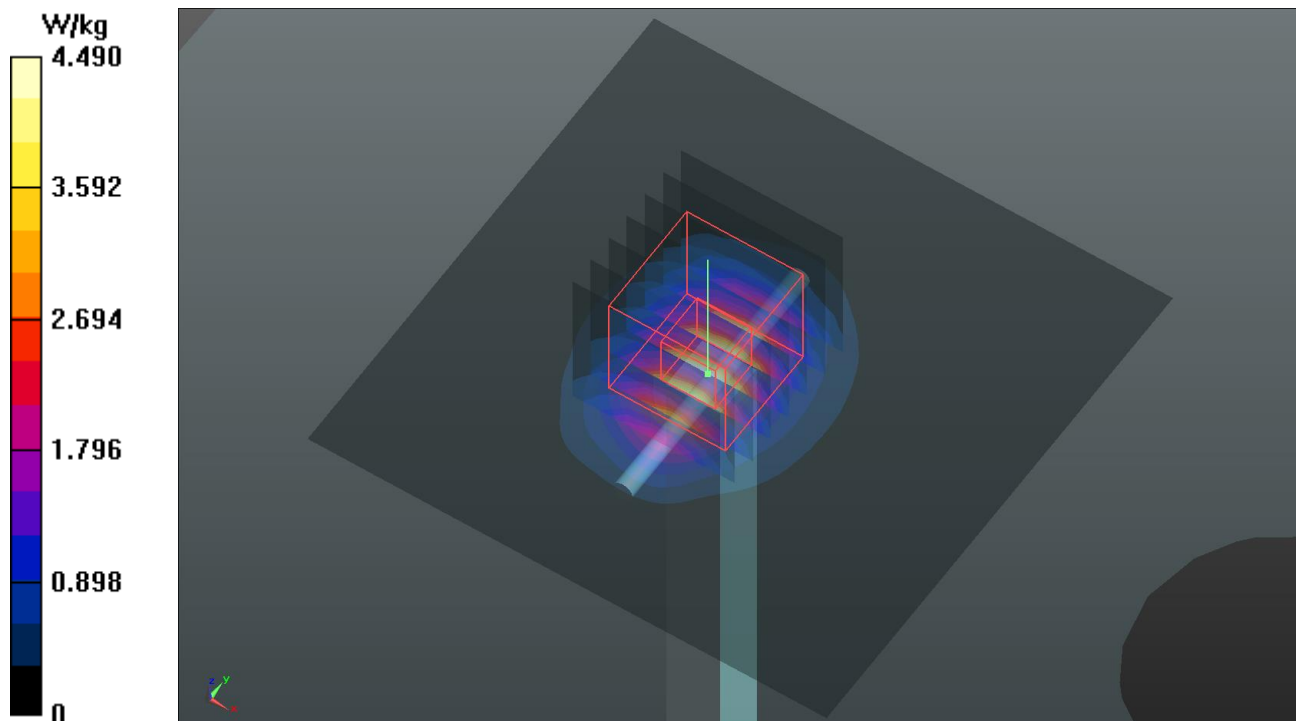
Pin=50mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 46.37 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 5.92 W/kg

SAR(1 g) = 2.69 W/kg; SAR(10 g) = 1.18 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 4.67 W/kg



Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2023/03/20

S05 System Check_H750_230320

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

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

Medium: H06T27N6_0320 Medium parameters used: $f = 750$ MHz; $\sigma = 0.938$ S/m; $\epsilon_r = 42.102$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7797; ConvF(9.09, 9.09, 9.09) @ 750 MHz; Calibrated: 2022/12/12
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 2022/09/22
- Phantom: SAM Phantom_1982; Type: QD 000 P41 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Pin=50mW/Area Scan (61x81x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.588 W/kg

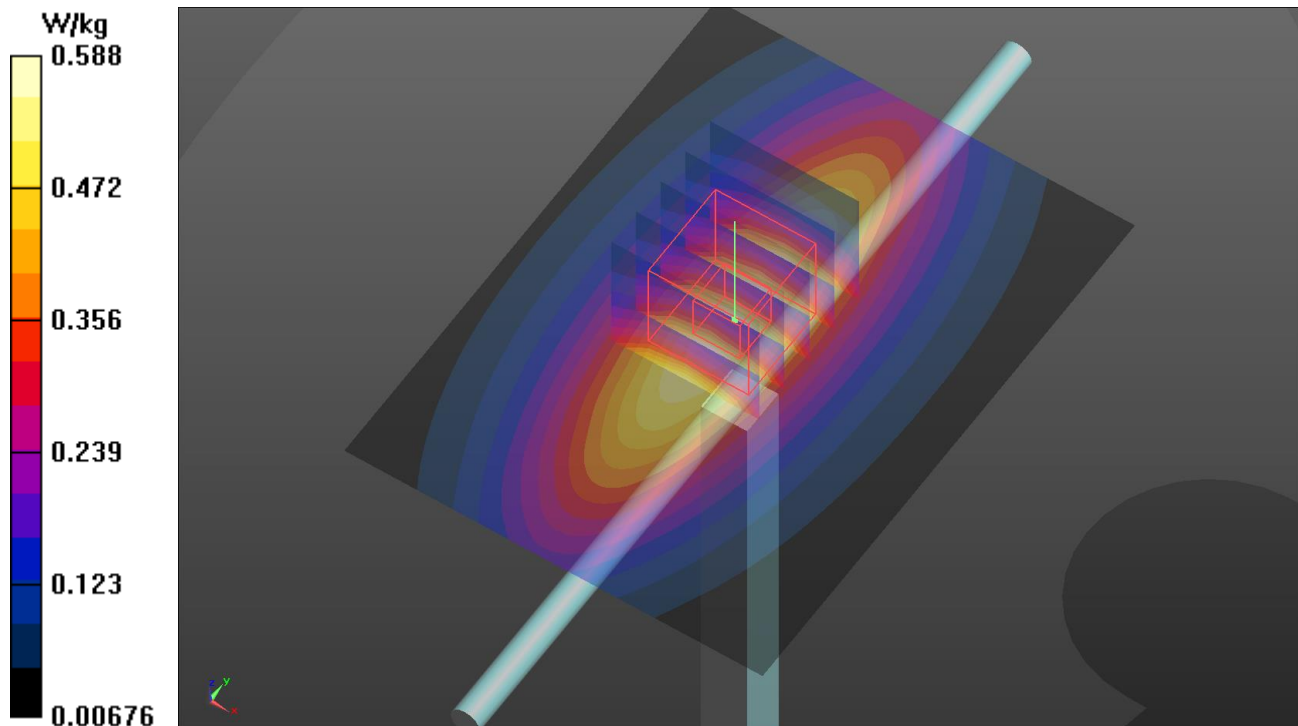
Pin=50mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 25.98 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.670 W/kg

SAR(1 g) = 0.419 W/kg; SAR(10 g) = 0.274 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.590 W/kg



Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2023/03/20

S06 System Check_H750_230320

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

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

Medium: H06T27N6_0320 Medium parameters used: $f = 750$ MHz; $\sigma = 0.938$ S/m; $\epsilon_r = 42.102$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7797; ConvF(9.09, 9.09, 9.09) @ 750 MHz; Calibrated: 2022/12/12
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 2022/09/22
- Phantom: SAM Phantom_1982; Type: QD 000 P41 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Pin=50mW/Area Scan (61x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.588 W/kg

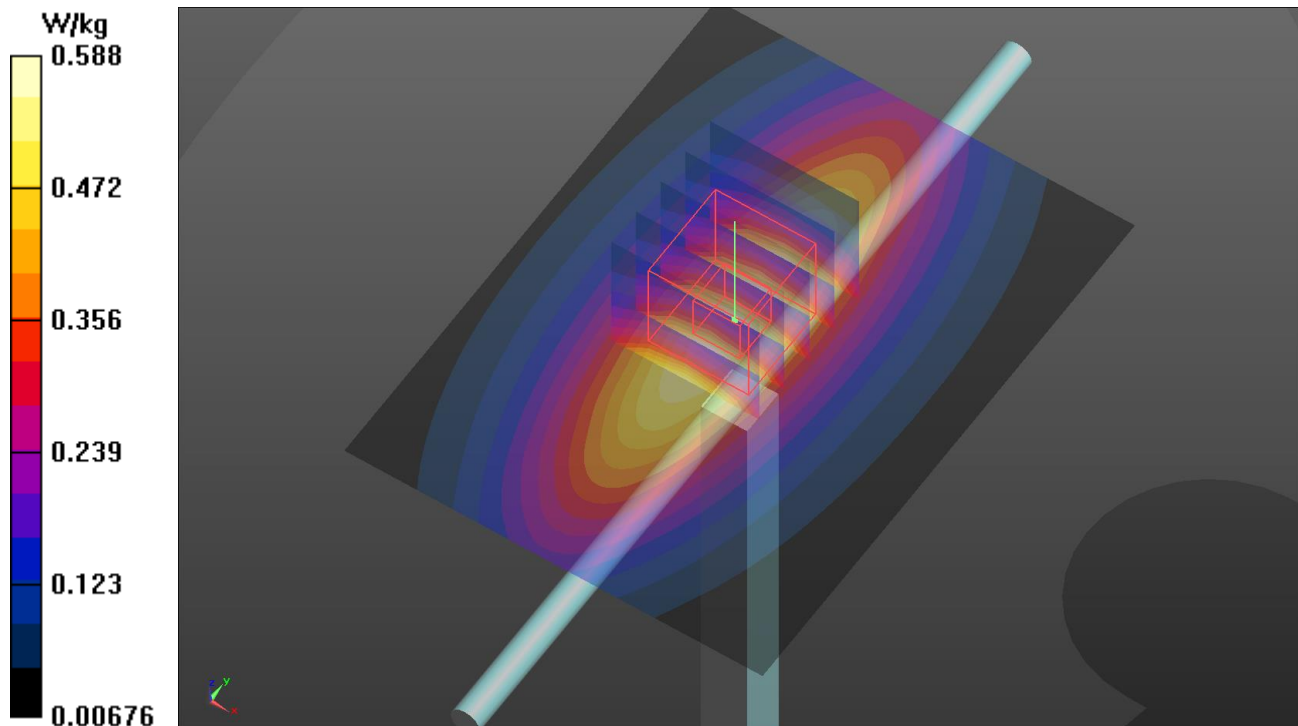
Pin=50mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.98 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.670 W/kg

SAR(1 g) = 0.419 W/kg; SAR(10 g) = 0.274 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.590 W/kg



Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2023/03/20

S07 System Check_H750_230320

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

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

Medium: H06T27N6_0320 Medium parameters used: $f = 750$ MHz; $\sigma = 0.938$ S/m; $\epsilon_r = 42.102$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7797; ConvF(9.09, 9.09, 9.09) @ 750 MHz; Calibrated: 2022/12/12
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 2022/09/22
- Phantom: SAM Phantom_1982; Type: QD 000 P41 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Pin=50mW/Area Scan (61x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.588 W/kg

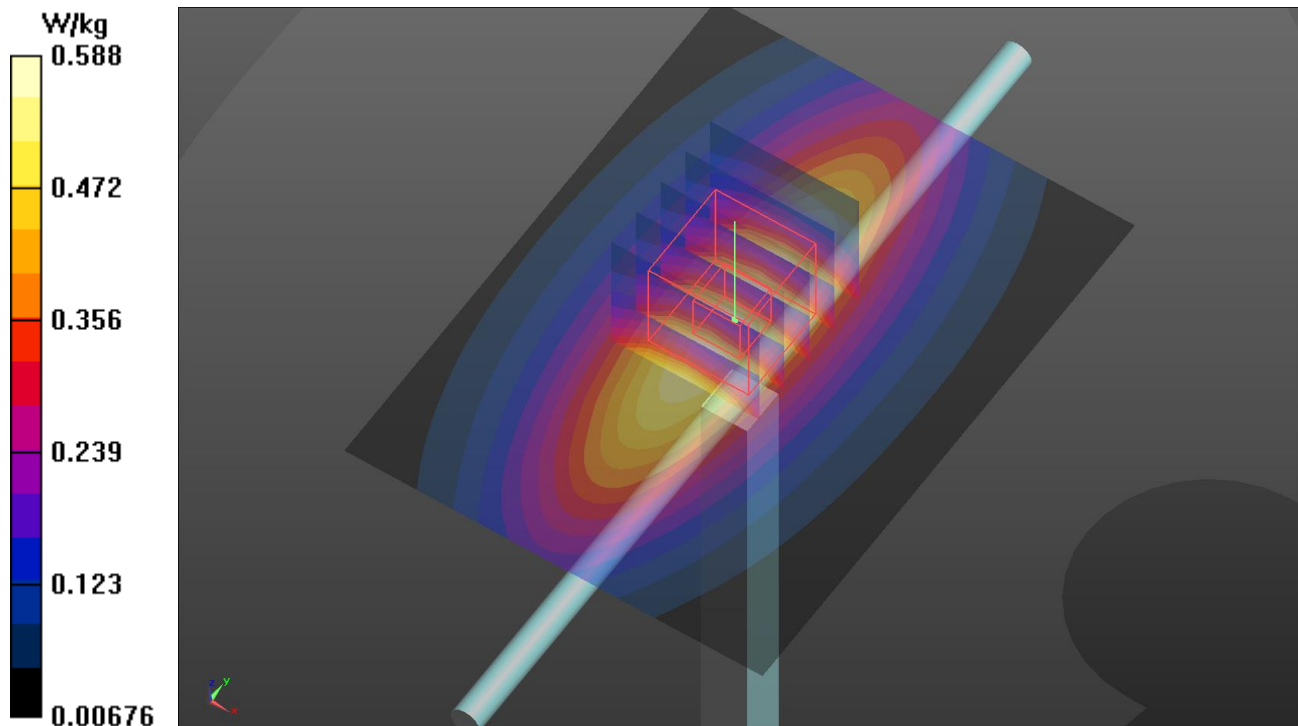
Pin=50mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.98 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.670 W/kg

SAR(1 g) = 0.419 W/kg; SAR(10 g) = 0.274 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.590 W/kg



Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2023/03/20

S08 System Check_H750_230320

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

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

Medium: H06T27N6_0320 Medium parameters used: $f = 750$ MHz; $\sigma = 0.938$ S/m; $\epsilon_r = 42.102$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7797; ConvF(9.09, 9.09, 9.09) @ 750 MHz; Calibrated: 2022/12/12
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 2022/09/22
- Phantom: SAM Phantom_1982; Type: QD 000 P41 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Pin=50mW/Area Scan (61x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.588 W/kg

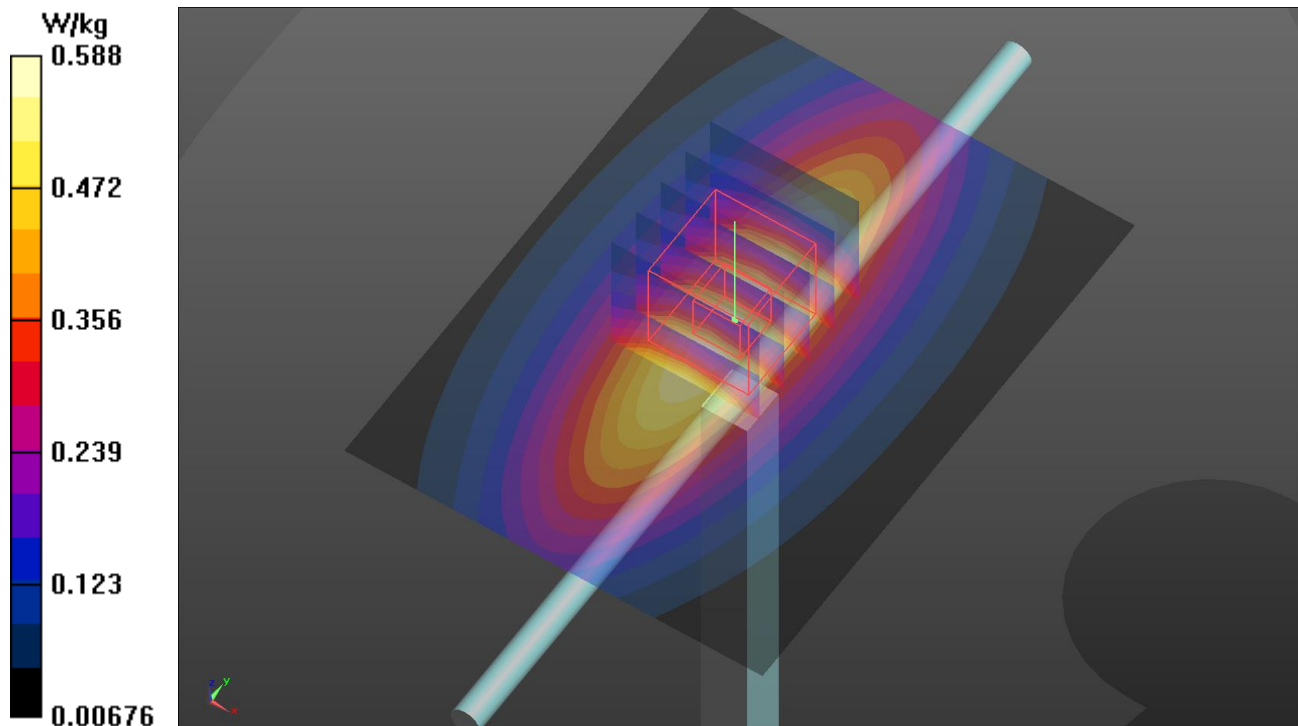
Pin=50mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.98 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.670 W/kg

SAR(1 g) = 0.419 W/kg; SAR(10 g) = 0.274 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.590 W/kg



Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2023/03/17

S09 System Check_H1900_230317

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

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

Medium: H06T27N6_0317 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.483$ S/m; $\epsilon_r = 40.099$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C ; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7797; ConvF(7.65, 7.65, 7.65) @ 1900 MHz; Calibrated: 2022/12/12
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 2022/09/22
- Phantom: SAM Phantom_1982; Type: QD 000 P41 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Pin=50mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 3.40 W/kg

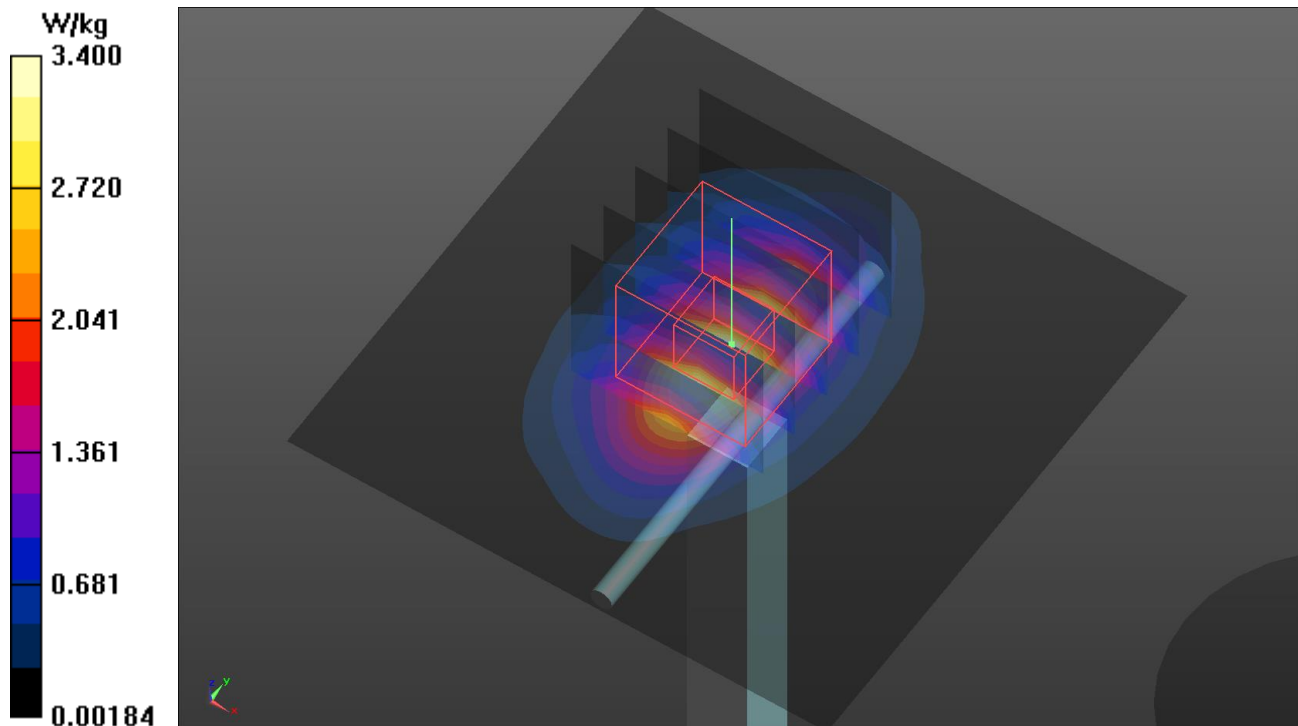
Pin=50mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 47.69 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 4.18 W/kg

SAR(1 g) = 2.07 W/kg; SAR(10 g) = 1.07 W/kg (SAR corrected for target medium)

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



Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2023/03/21

S10 System Check_H835_230321

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

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

Medium: H06T27N6_0321 Medium parameters used: $f = 835$ MHz; $\sigma = 0.942$ S/m; $\epsilon_r = 42.554$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.7 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7797; ConvF(8.87, 8.87, 8.87) @ 835 MHz; Calibrated: 2022/12/12
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 2022/09/22
- Phantom: SAM Phantom_1982; Type: QD 000 P41 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Pin=50mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.686 W/kg

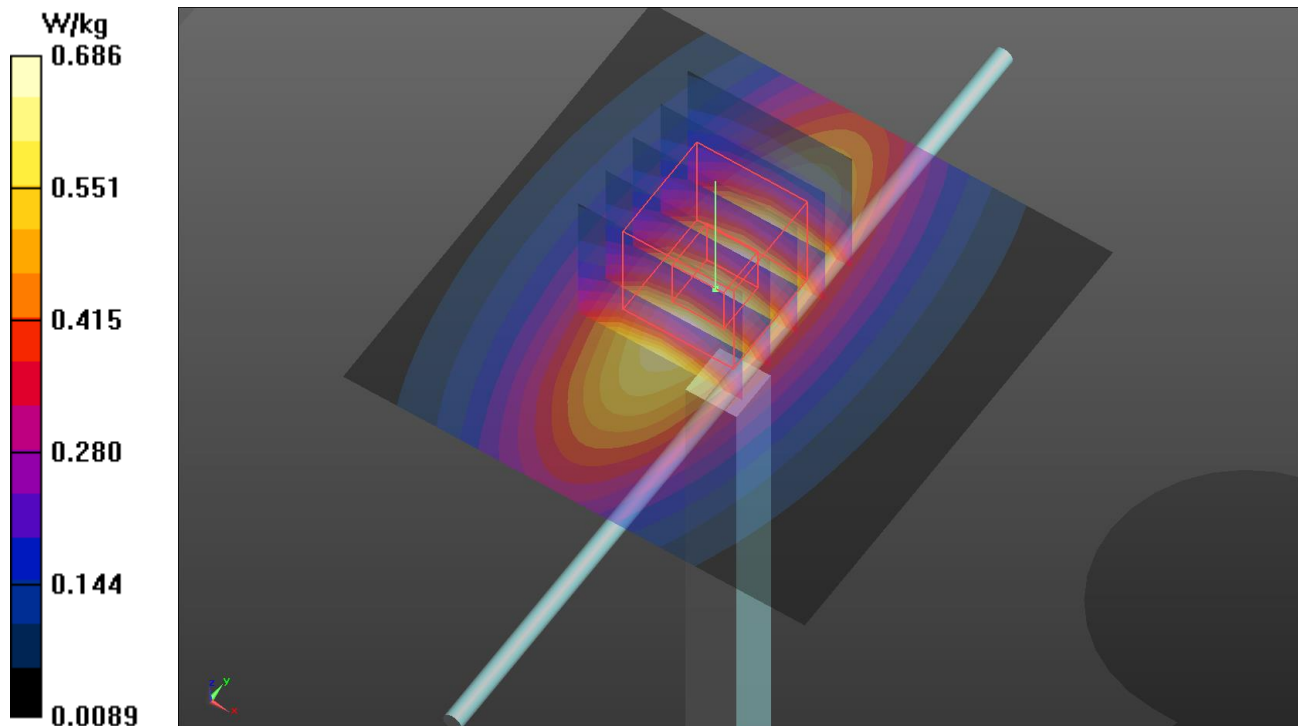
Pin=50mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.84 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.786 W/kg

SAR(1 g) = 0.501 W/kg; SAR(10 g) = 0.324 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.694 W/kg



Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2023/03/21

S11 System Check_H2600_230321

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

Communication System: UID 0, CW; Frequency: 2600 MHz; Duty Cycle: 1:1

Medium: H06T27N6_0321 Medium parameters used: $f = 2600$ MHz; $\sigma = 1.945$ S/m; $\epsilon_r = 39.505$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.7 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7797; ConvF(7.32, 7.32, 7.32) @ 2600 MHz; Calibrated: 2022/12/12
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 2022/09/22
- Phantom: SAM Phantom_1982; Type: QD 000 P41 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Pin=50mW/Area Scan (81x81x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 4.87 W/kg

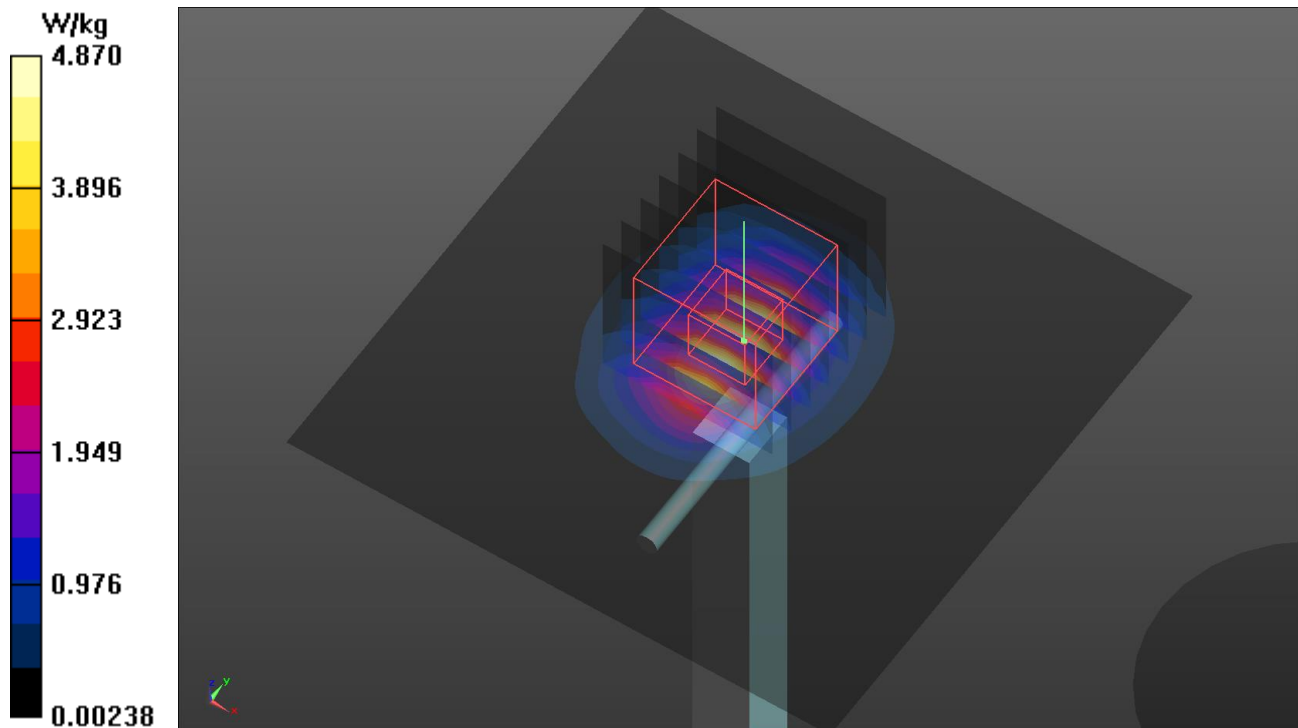
Pin=50mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 48.26 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 6.33 W/kg

SAR(1 g) = 2.83 W/kg; SAR(10 g) = 1.25 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 4.90 W/kg



Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2023/03/17

S12 System Check_H1750_230317

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

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

Medium: H06T27N6_0317 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.395$ S/m; $\epsilon_r = 40.318$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C ; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7797; ConvF(8.03, 8.03, 8.03) @ 1750 MHz; Calibrated: 2022/12/12
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 2022/09/22
- Phantom: SAM Phantom_1982; Type: QD 000 P41 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Pin=50mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 2.92 W/kg

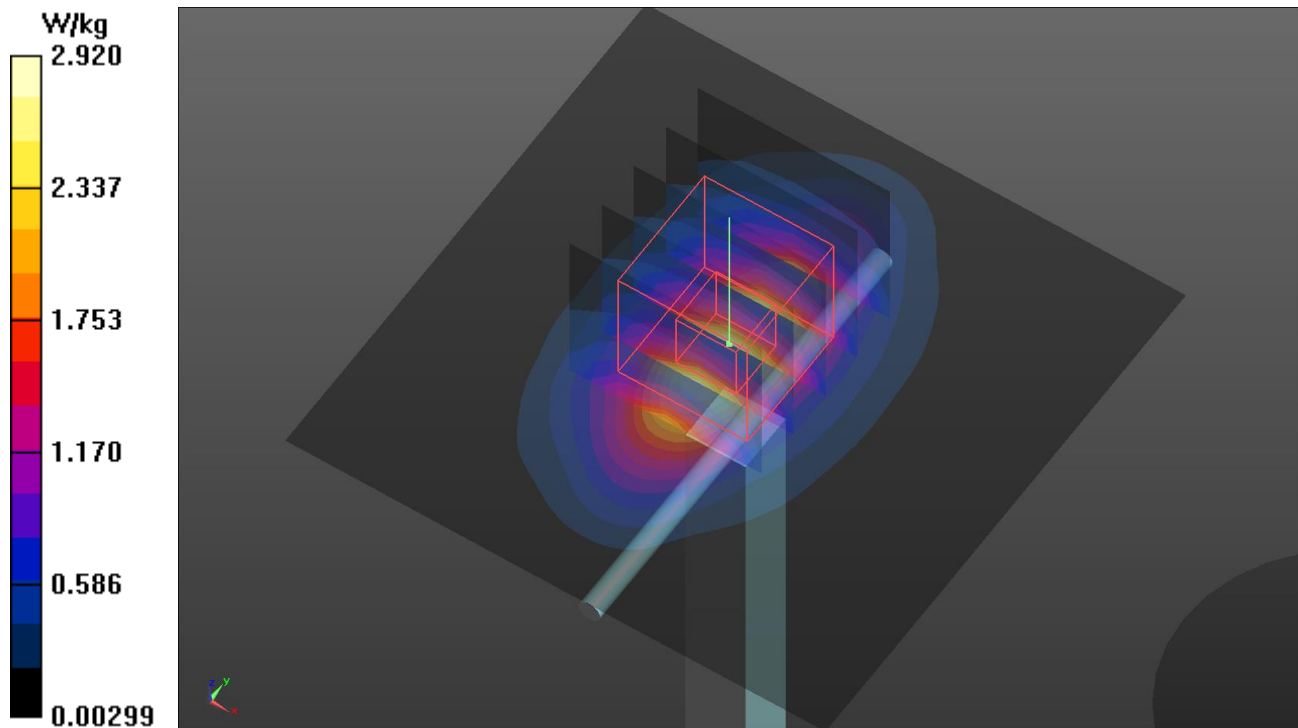
Pin=50mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 45.73 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 3.49 W/kg

SAR(1 g) = 1.83 W/kg; SAR(10 g) = 0.961 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 2.90 W/kg



Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2023/03/20

S13 System Check_H750_230320

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

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

Medium: H06T27N6_0320 Medium parameters used: $f = 750$ MHz; $\sigma = 0.938$ S/m; $\epsilon_r = 42.102$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7797; ConvF(9.09, 9.09, 9.09) @ 750 MHz; Calibrated: 2022/12/12
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 2022/09/22
- Phantom: SAM Phantom_1982; Type: QD 000 P41 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Pin=50mW/Area Scan (61x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.588 W/kg

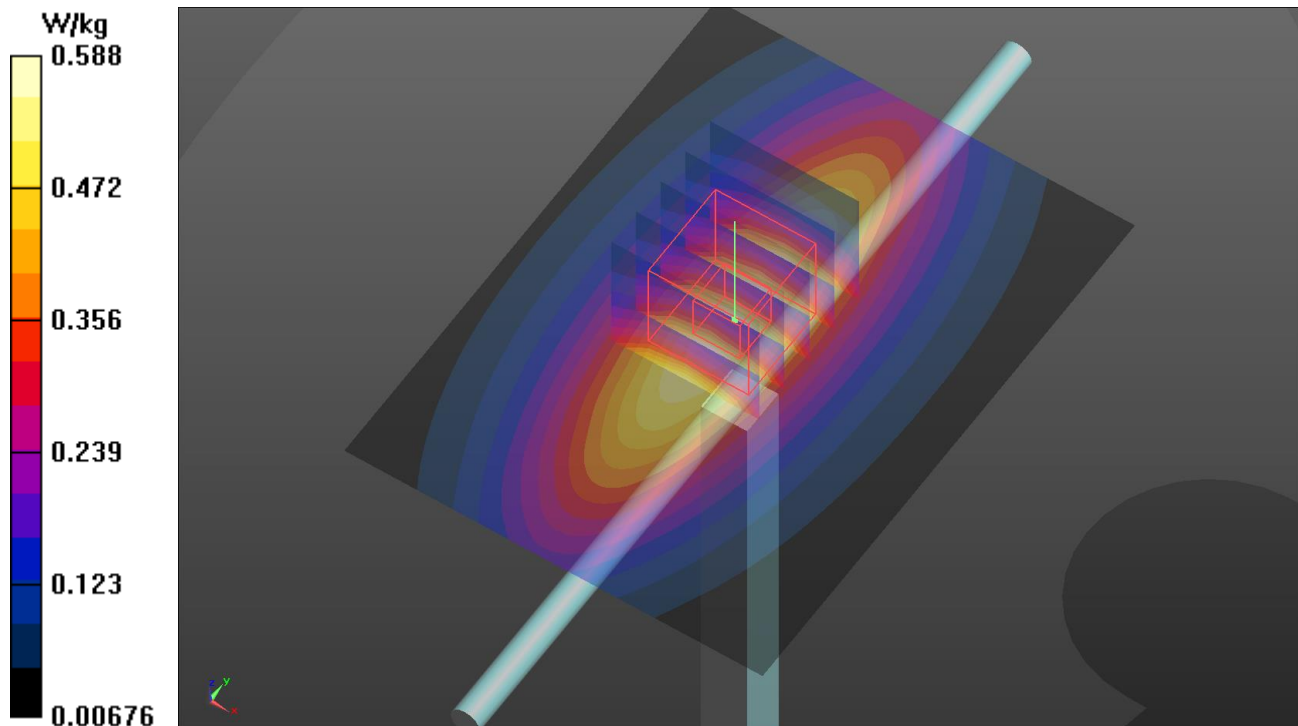
Pin=50mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.98 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.670 W/kg

SAR(1 g) = 0.419 W/kg; SAR(10 g) = 0.274 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.590 W/kg



Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2023/03/28

S14 System Check_H2450_230328

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

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

Medium: H06T27N3_0328 Medium parameters used: $f = 2450$ MHz; $\sigma = 1.783$ S/m; $\epsilon_r = 38.09$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.1 °C ; Liquid Temperature : 21.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(7.89, 7.89, 7.89) @ 2450 MHz; Calibrated: 2022/05/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1698; Calibrated: 2022/11/17
- Phantom: Twin SAM Phantom_1823; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Pin=50mW/Area Scan (81x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 3.96 W/kg

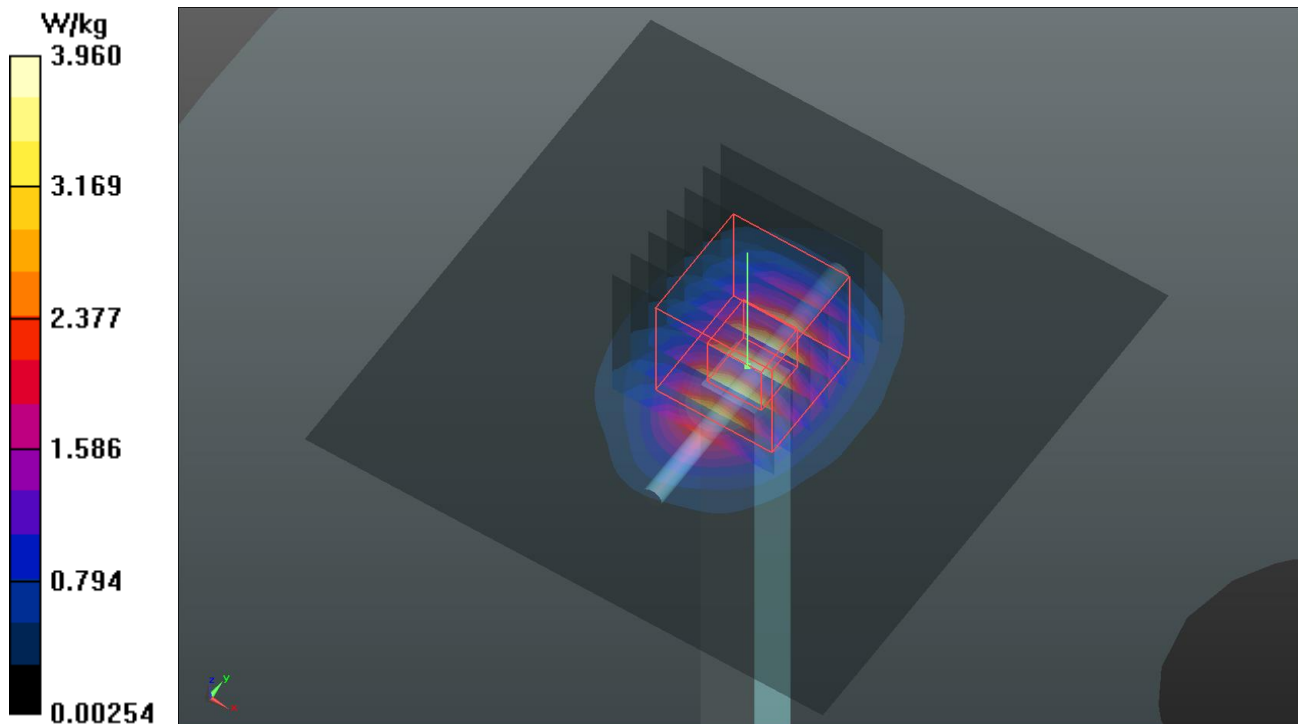
Pin=50mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 48.29 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 5.04 W/kg

SAR(1 g) = 2.33 W/kg; SAR(10 g) = 1.07 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 4.01 W/kg



Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2023/03/28

S15 System Check_H5250_230328

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

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

Medium: H51T72N3_0328 Medium parameters used: $f = 5250$ MHz; $\sigma = 4.518$ S/m; $\epsilon_r = 35.725$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.1 °C ; Liquid Temperature : 21.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(5.89, 5.89, 5.89) @ 5250 MHz; Calibrated: 2022/05/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1698; Calibrated: 2022/11/17
- Phantom: Twin SAM Phantom_1823; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

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

Maximum value of SAR (interpolated) = 9.99 W/kg

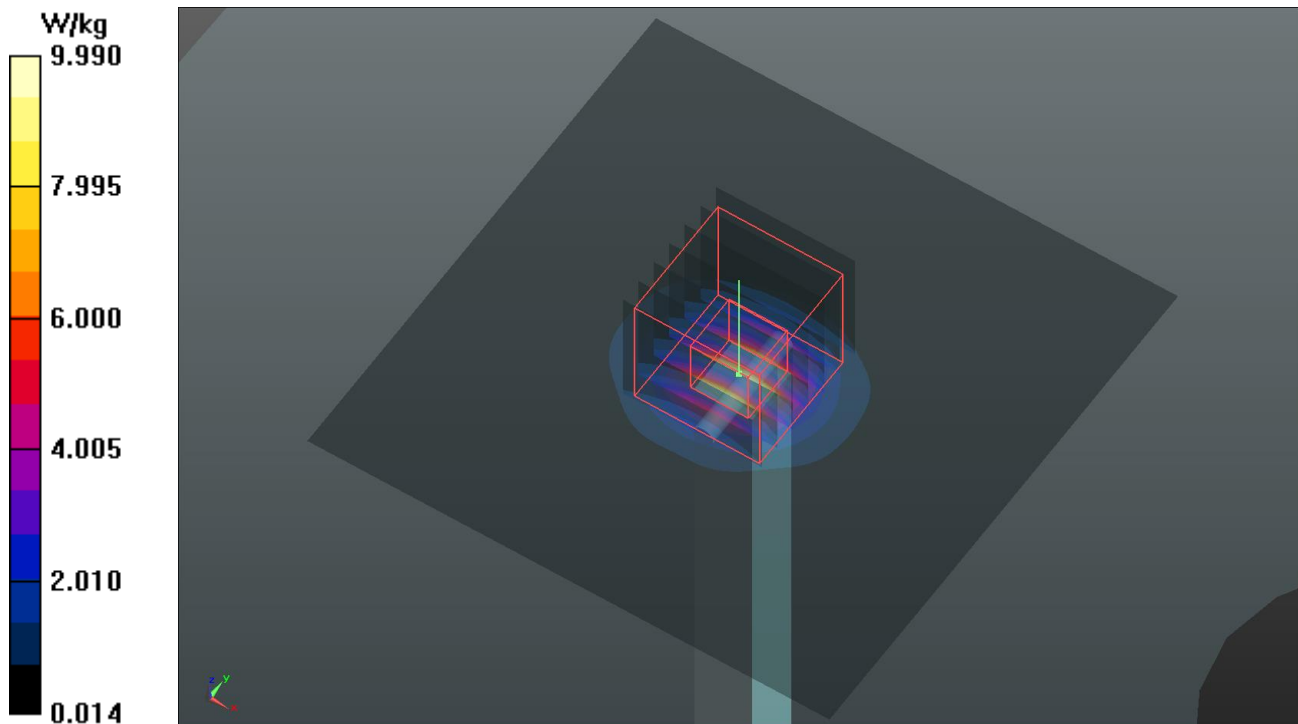
Pin=50mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 52.92 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 16.8 W/kg

SAR(1 g) = 4.16 W/kg; SAR(10 g) = 1.19 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 10.5 W/kg



Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2023/03/28

S16 System Check_H5600_230328

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

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

Medium: H51T72N3_0328 Medium parameters used: $f = 5600$ MHz; $\sigma = 4.899$ S/m; $\epsilon_r = 35.149$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.1 °C ; Liquid Temperature : 21.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(5.04, 5.04, 5.04) @ 5600 MHz; Calibrated: 2022/05/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1698; Calibrated: 2022/11/17
- Phantom: Twin SAM Phantom_1823; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

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

Maximum value of SAR (interpolated) = 10.1 W/kg

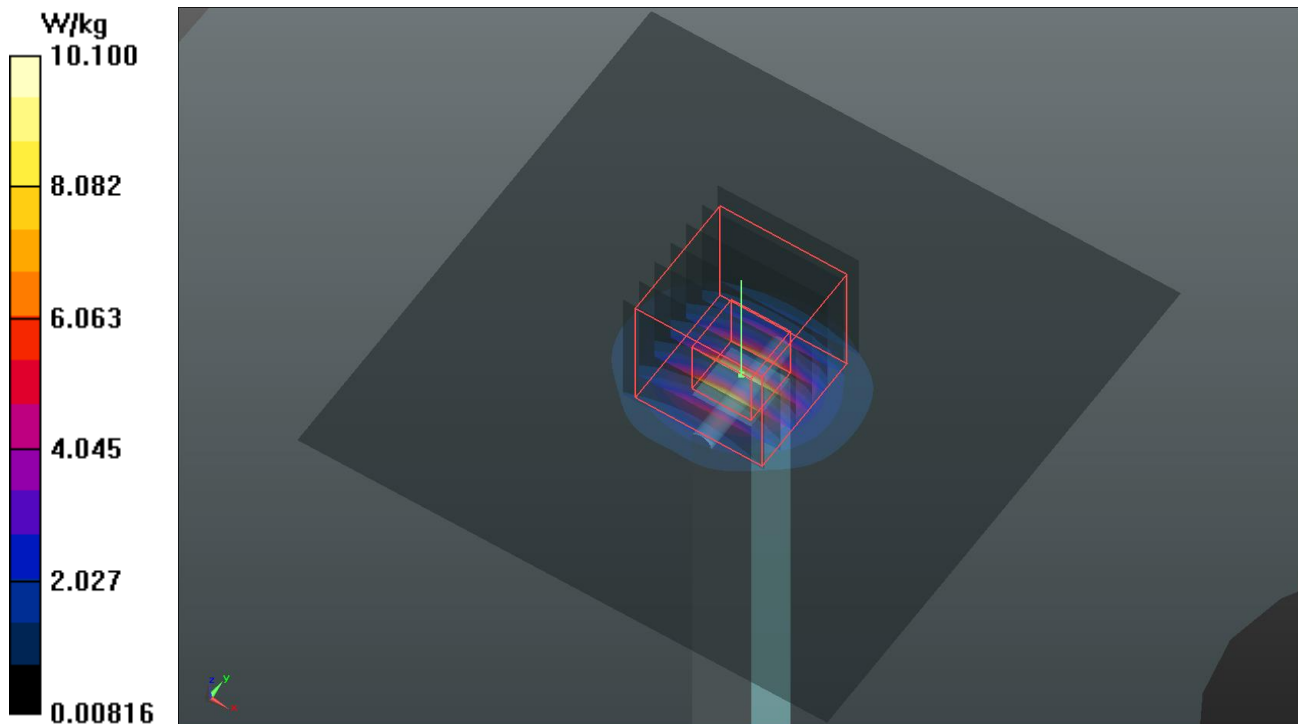
Pin=50mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 50.59 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 17.9 W/kg

SAR(1 g) = 4.01 W/kg; SAR(10 g) = 1.13 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 10.6 W/kg



Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2023/03/28

S17 System Check_H5800_230328

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

Communication System: UID 0, CW; Frequency: 5800 MHz; Duty Cycle: 1:1

Medium: H51T72N3_0328 Medium parameters used: $f = 5800$ MHz; $\sigma = 5.13$ S/m; $\epsilon_r = 34.791$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.1 °C ; Liquid Temperature : 21.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(5.28, 5.28, 5.28) @ 5800 MHz; Calibrated: 2022/05/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1698; Calibrated: 2022/11/17
- Phantom: Twin SAM Phantom_1823; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

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

Maximum value of SAR (interpolated) = 9.76 W/kg

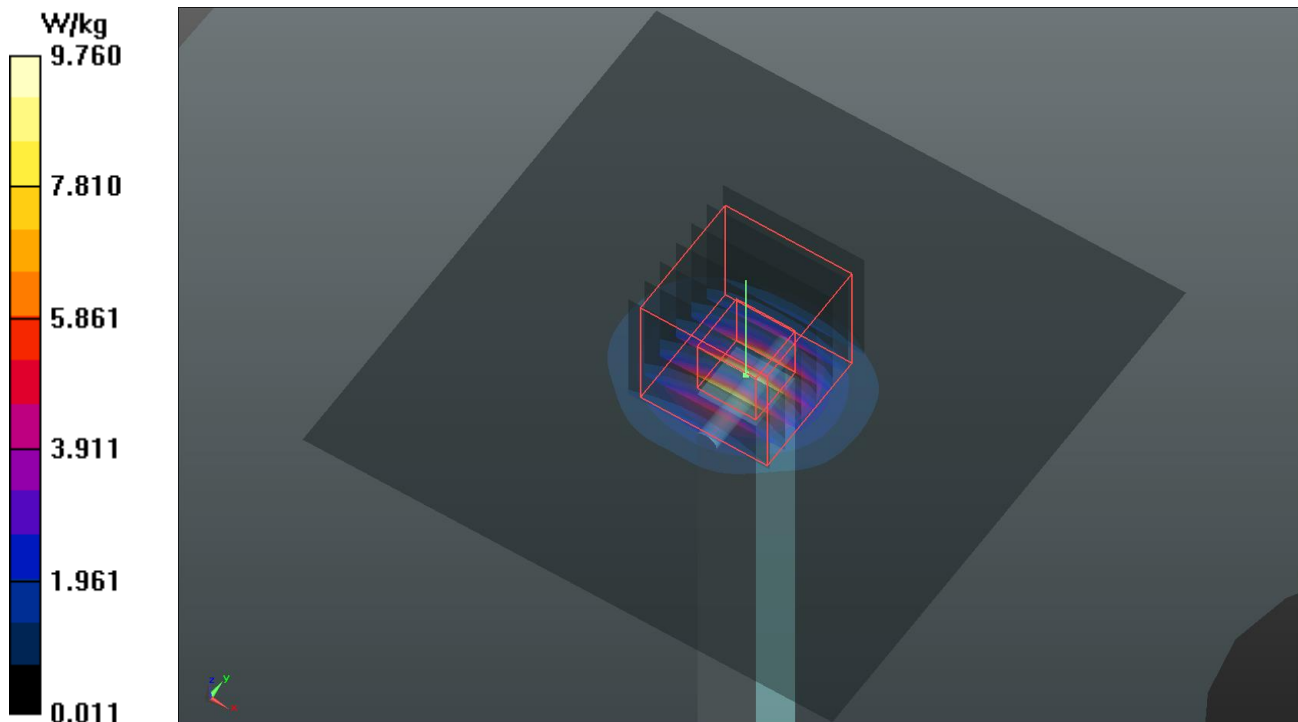
Pin=50mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 48.67 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 17.8 W/kg

SAR(1 g) = 3.9 W/kg; SAR(10 g) = 1.1 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 10.4 W/kg



Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2023/03/28

S18 System Check_H2450_230328

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

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

Medium: H06T27N3_0328 Medium parameters used: $f = 2450$ MHz; $\sigma = 1.783$ S/m; $\epsilon_r = 38.09$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.1 °C ; Liquid Temperature : 21.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(7.89, 7.89, 7.89) @ 2450 MHz; Calibrated: 2022/05/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1698; Calibrated: 2022/11/17
- Phantom: Twin SAM Phantom_1823; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Pin=50mW/Area Scan (81x81x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 3.96 W/kg

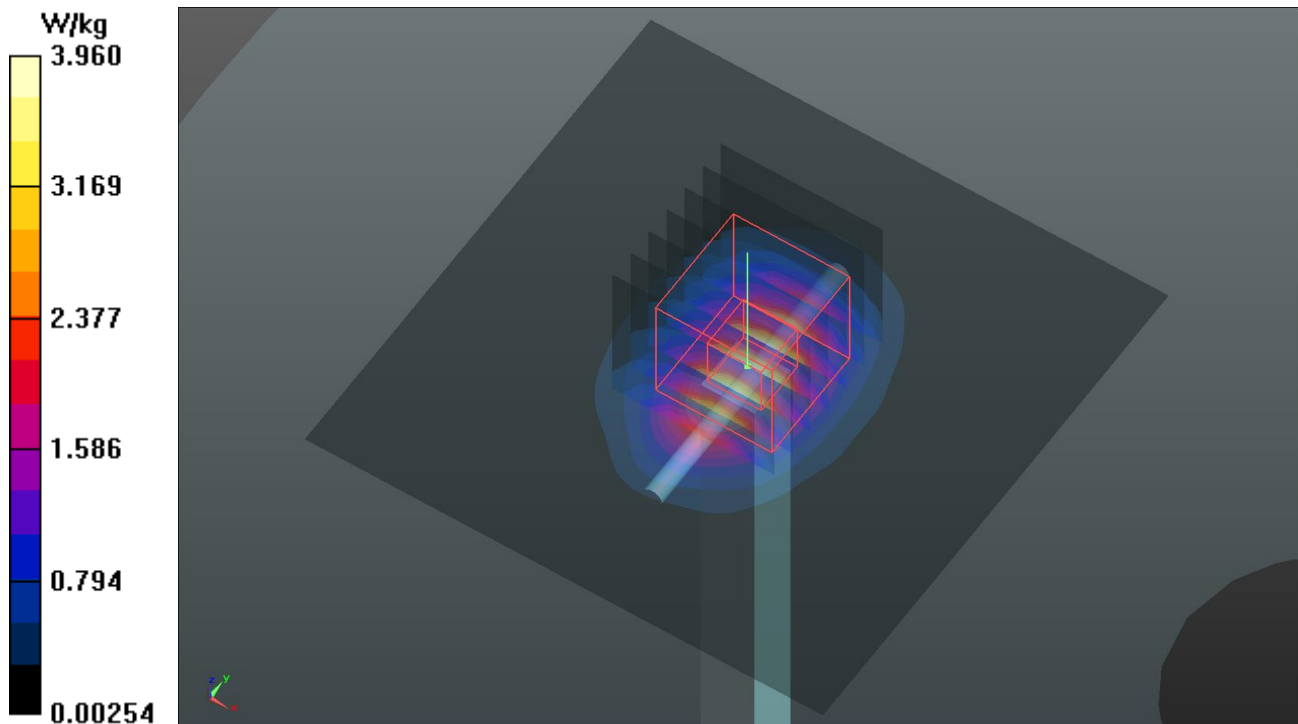
Pin=50mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 48.29 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 5.04 W/kg

SAR(1 g) = 2.33 W/kg; SAR(10 g) = 1.07 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 4.01 W/kg



Appendix B. Plots of Measurement

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

Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2023/03/17

P01 LTE 2_QPSK20M_Right Side_0mm_Ch19100_1RB_OS0

DUT: BCUG-WTW-P23030371

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

Medium: H06T27N6_0317 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.483$ S/m; $\epsilon_r = 40.099$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C ; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7797; ConvF(7.65, 7.65, 7.65) @ 1900 MHz; Calibrated: 2022/12/12

- Sensor-Surface: 1.4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1590; Calibrated: 2022/09/22

- Phantom: SAM Phantom_1982; Type: QD 000 P41 Ax;

- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (61x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.47 W/kg

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

Reference Value = 30.05 V/m; Power Drift = -0.16 dB

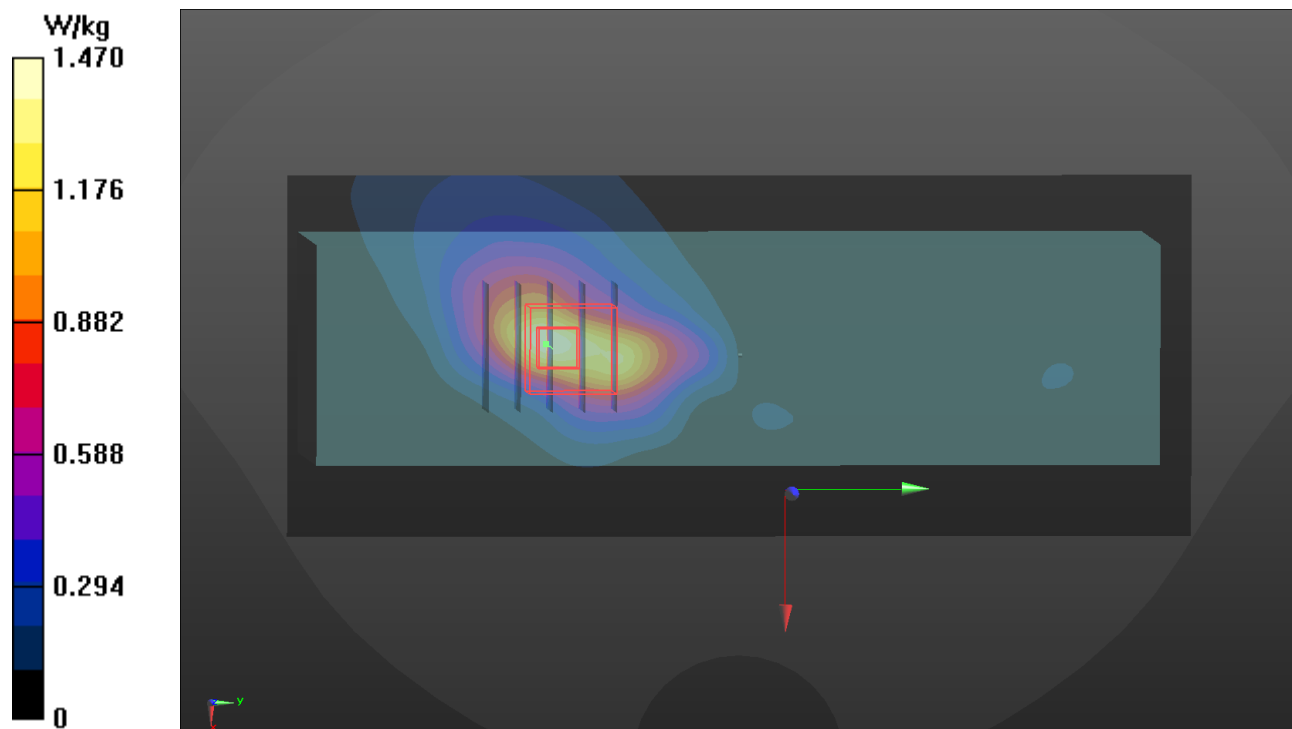
Peak SAR (extrapolated) = 1.64 W/kg

SAR(1 g) = 0.872 W/kg; SAR(10 g) = 0.503 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 9.1 mm

Ratio of SAR at M2 to SAR at M1 = 55.5%

Maximum value of SAR (measured) = 1.39 W/kg



Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2023/03/17

P02 LTE 4_QPSK20M_Right Side_0mm_Ch20050_1RB_OS0

DUT: BUCG-WTW-P23030371

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

Medium: H06T27N6_0317 Medium parameters used: $f = 1720$ MHz; $\sigma = 1.378$ S/m; $\epsilon_r = 40.368$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C ; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7797; ConvF(8.03, 8.03, 8.03) @ 1720 MHz; Calibrated: 2022/12/12
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 2022/09/22
- Phantom: SAM Phantom_1982; Type: QD 000 P41 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (61x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.49 W/kg

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

Reference Value = 33.09 V/m; Power Drift = 0.10 dB

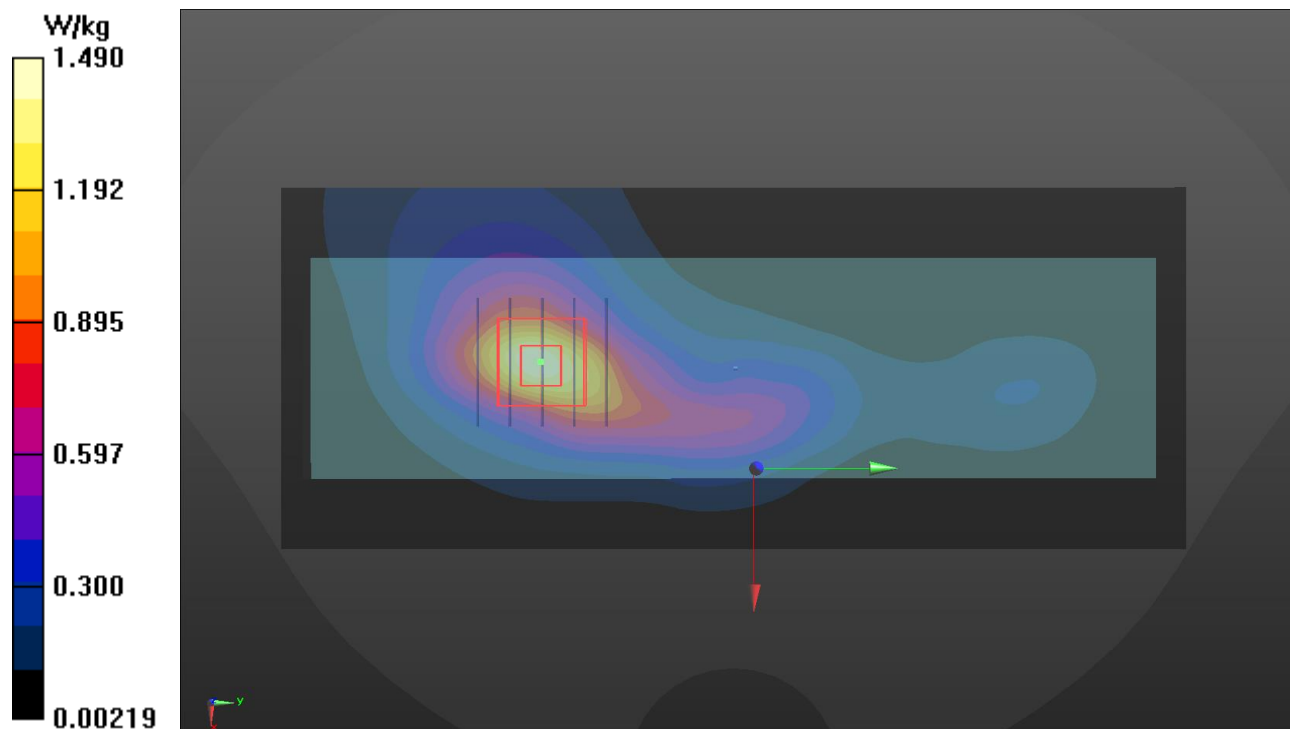
Peak SAR (extrapolated) = 1.78 W/kg

SAR(1 g) = 1.04 W/kg; SAR(10 g) = 0.591 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 12.2 mm

Ratio of SAR at M2 to SAR at M1 = 60.1%

Maximum value of SAR (measured) = 1.53 W/kg



Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2023/03/21

P03 LTE 5_QPSK10M_Right Side_0mm_Ch20600_1RB_OS0

DUT: BUCG-WTW-P23030371

Communication System: UID 10175 - CAG, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK); Frequency: 844 MHz; Duty Cycle: 1:3.74

Medium: H06T27N6_0321 Medium parameters used: $f = 844$ MHz; $\sigma = 0.945$ S/m; $\epsilon_r = 42.52$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.7 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7797; ConvF(8.87, 8.87, 8.87) @ 844 MHz; Calibrated: 2022/12/12
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 2022/09/22
- Phantom: SAM Phantom_1982; Type: QD 000 P41 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (61x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.67 W/kg

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

Reference Value = 40.95 V/m; Power Drift = -0.02 dB

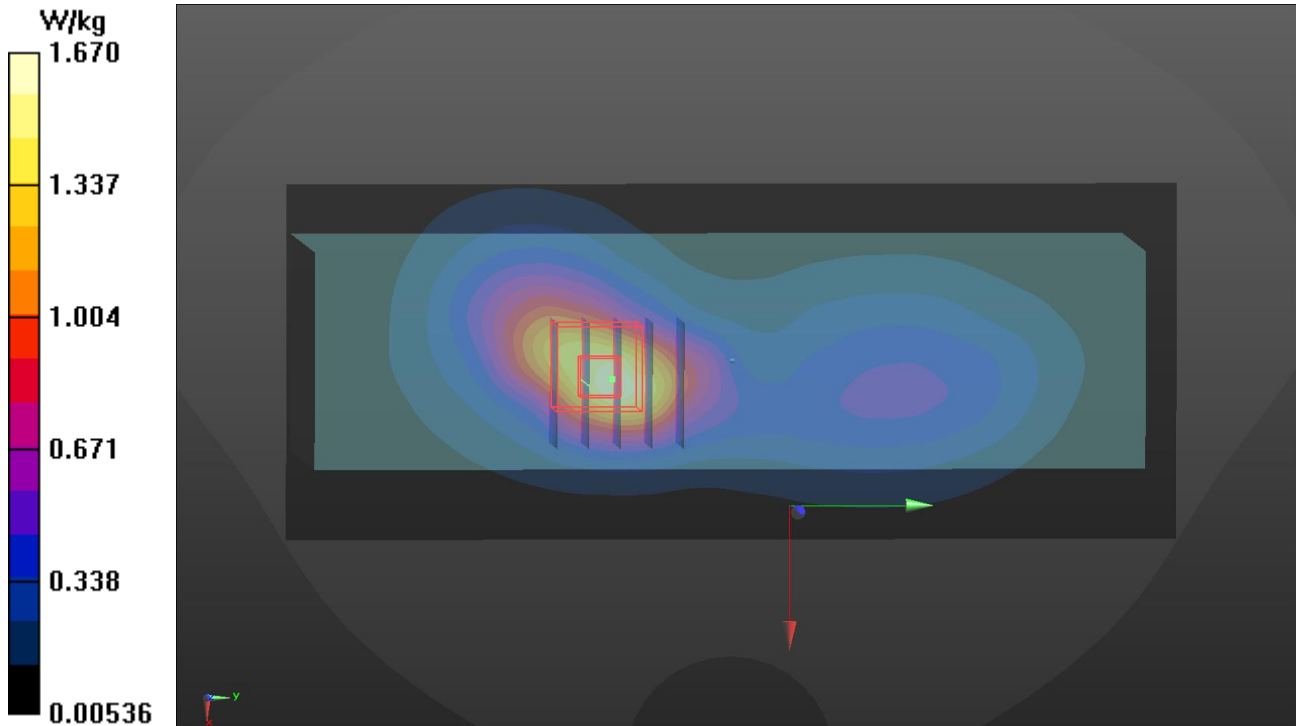
Peak SAR (extrapolated) = 1.82 W/kg

SAR(1 g) = 1.07 W/kg; SAR(10 g) = 0.676 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 = 61.2%

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



Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2023/03/31

P04 LTE 7_QPSK20M_Rear Face_0mm_Ch21350_1RB_OS0

DUT: BCUG-WTW-P23030371

Communication System: UID 10169 - CAE, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 2560 MHz; Duty Cycle: 1:3.74

Medium: H06T27N3_0331 Medium parameters used: $f = 2560$ MHz; $\sigma = 1.871$ S/m; $\epsilon_r = 38.715$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.1 °C ; Liquid Temperature : 21.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(7.59, 7.59, 7.59) @ 2560 MHz; Calibrated: 2022/05/27

- Sensor-Surface: 1.4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1698; Calibrated: 2022/11/17

- Phantom: Twin SAM Phantom_1823; Type: QD000P40;

- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (81x181x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 5.08 W/kg

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

Reference Value = 51.50 V/m; Power Drift = 0.06 dB

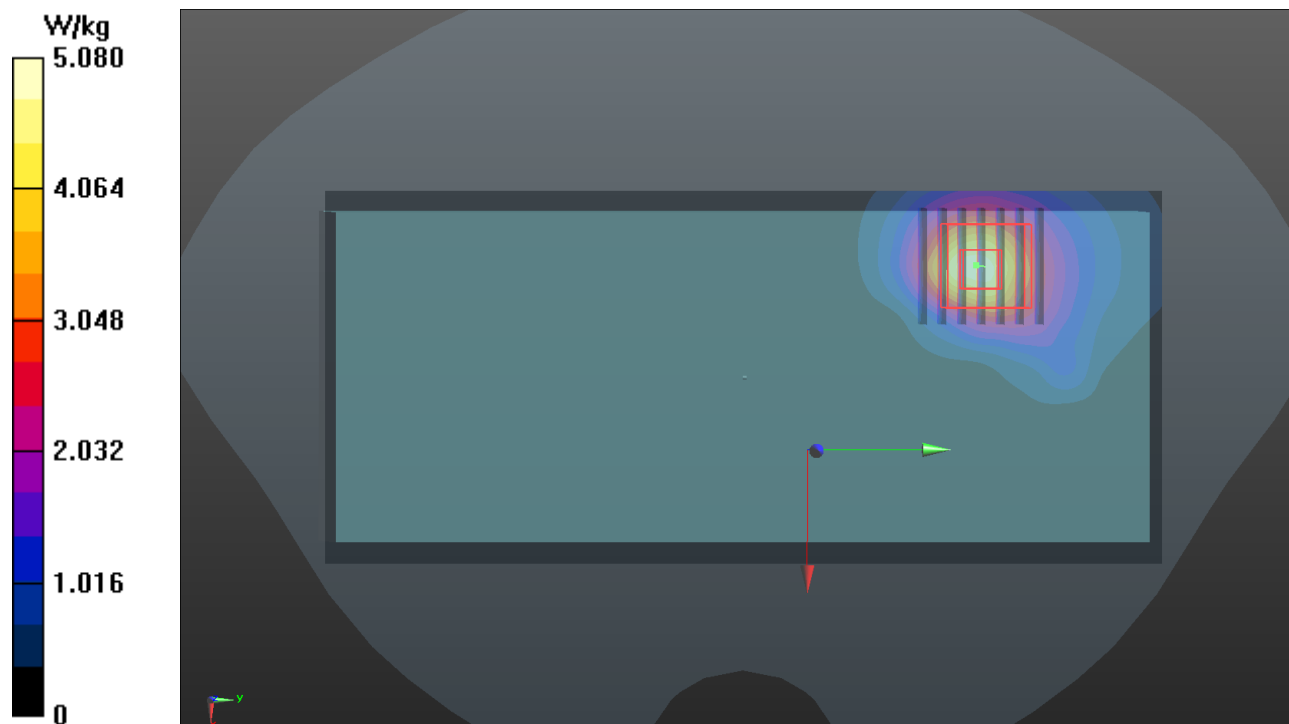
Peak SAR (extrapolated) = 5.96 W/kg

SAR(1 g) = 3.15 W/kg; SAR(10 g) = 1.59 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 12.5 mm

Ratio of SAR at M2 to SAR at M1 = 52.4%

Maximum value of SAR (measured) = 4.90 W/kg



Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2023/03/20

P05 LTE 12_QPSK10M_Right Side_0mm_Ch23130_1RB_OS0

DUT: BCUG-WTW-P23030371

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

Medium: H06T27N6_0320 Medium parameters used: $f = 711$ MHz; $\sigma = 0.925$ S/m; $\epsilon_r = 42.179$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7797; ConvF(9.09, 9.09, 9.09) @ 711 MHz; Calibrated: 2022/12/12
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 2022/09/22
- Phantom: SAM Phantom_1982; Type: QD 000 P41 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (61x151x1): 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=8mm, dy=8mm, dz=5mm

Reference Value = 26.20 V/m; Power Drift = 0.01 dB

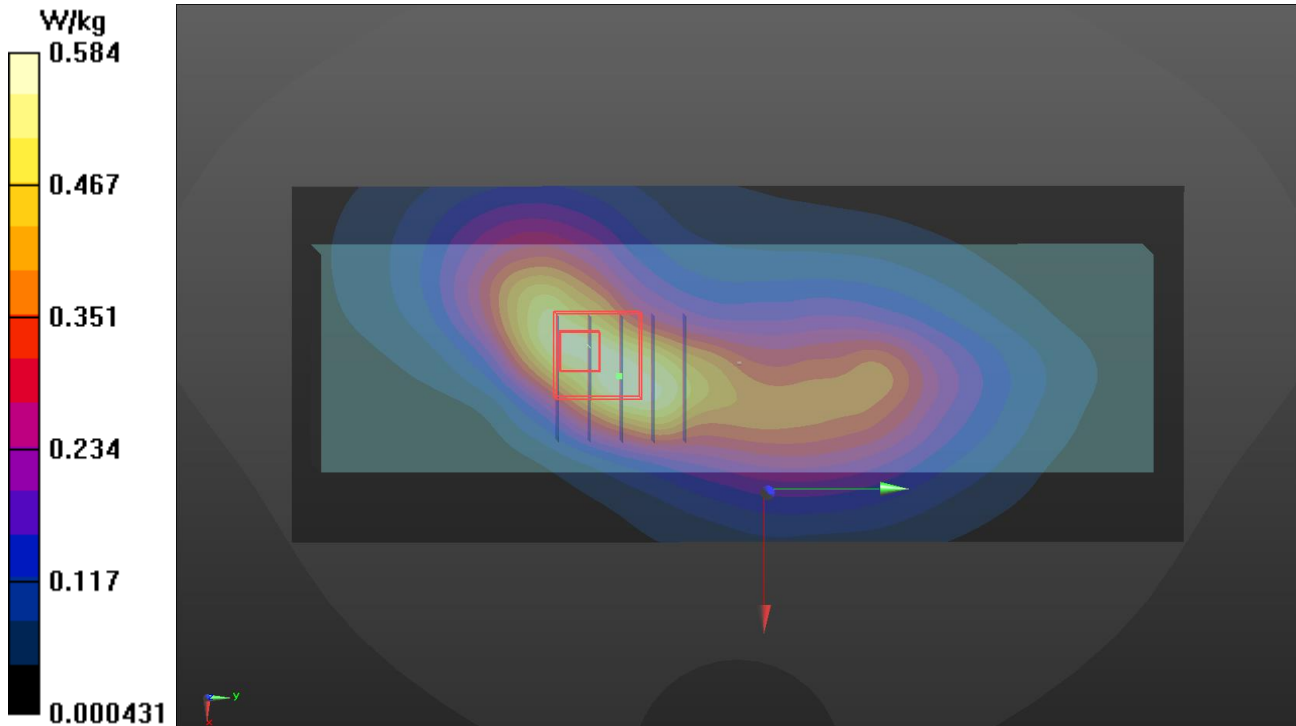
Peak SAR (extrapolated) = 0.664 W/kg

SAR(1 g) = 0.407 W/kg; SAR(10 g) = 0.265 W/kg (SAR corrected for target medium)

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

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

Maximum value of SAR (measured) = 0.550 W/kg



Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2023/03/20

P06 LTE 13_QPSK10M_Right Side_0mm_Ch23230_1RB_OS0

DUT: BUCG-WTW-P23030371

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

Medium: H06T27N6_0320 Medium parameters used: $f = 782$ MHz; $\sigma = 0.948$ S/m; $\epsilon_r = 42.025$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7797; ConvF(9.09, 9.09, 9.09) @ 782 MHz; Calibrated: 2022/12/12
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 2022/09/22
- Phantom: SAM Phantom_1982; Type: QD 000 P41 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (61x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.32 W/kg

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

Reference Value = 37.79 V/m; Power Drift = -0.10 dB

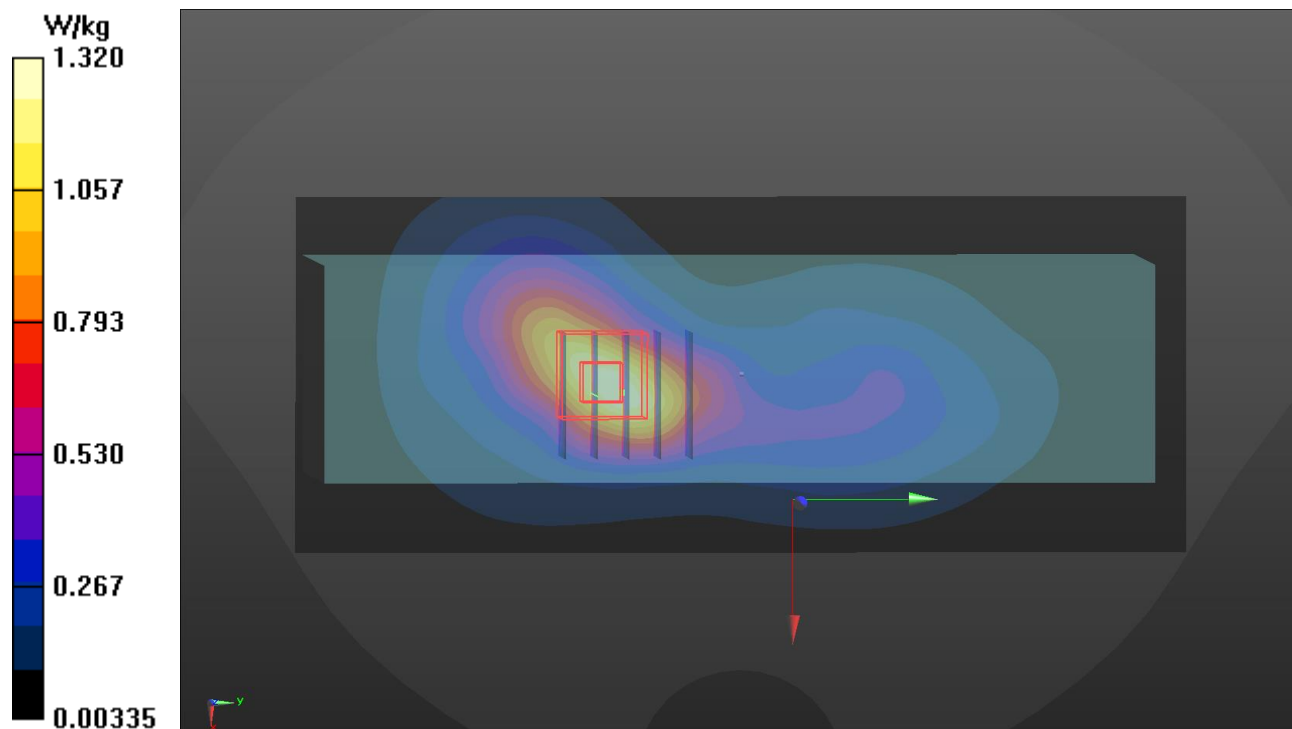
Peak SAR (extrapolated) = 1.52 W/kg

SAR(1 g) = 0.890 W/kg; SAR(10 g) = 0.557 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 12.2 mm

Ratio of SAR at M2 to SAR at M1 = 60.7%

Maximum value of SAR (measured) = 1.27 W/kg



Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2023/03/20

P07 LTE 14_QPSK10M_Right Side_0mm_Ch23330_1RB_OS0

DUT: BUCG-WTW-P23030371

Communication System: UID 10175 - CAG, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK); Frequency: 793 MHz; Duty Cycle: 1:3.74

Medium: H06T27N6_0320 Medium parameters used: $f = 793$ MHz; $\sigma = 0.951$ S/m; $\epsilon_r = 41.987$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7797; ConvF(9.09, 9.09, 9.09) @ 793 MHz; Calibrated: 2022/12/12
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 2022/09/22
- Phantom: SAM Phantom_1982; Type: QD 000 P41 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (61x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.31 W/kg

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

Reference Value = 36.86 V/m; Power Drift = -0.03 dB

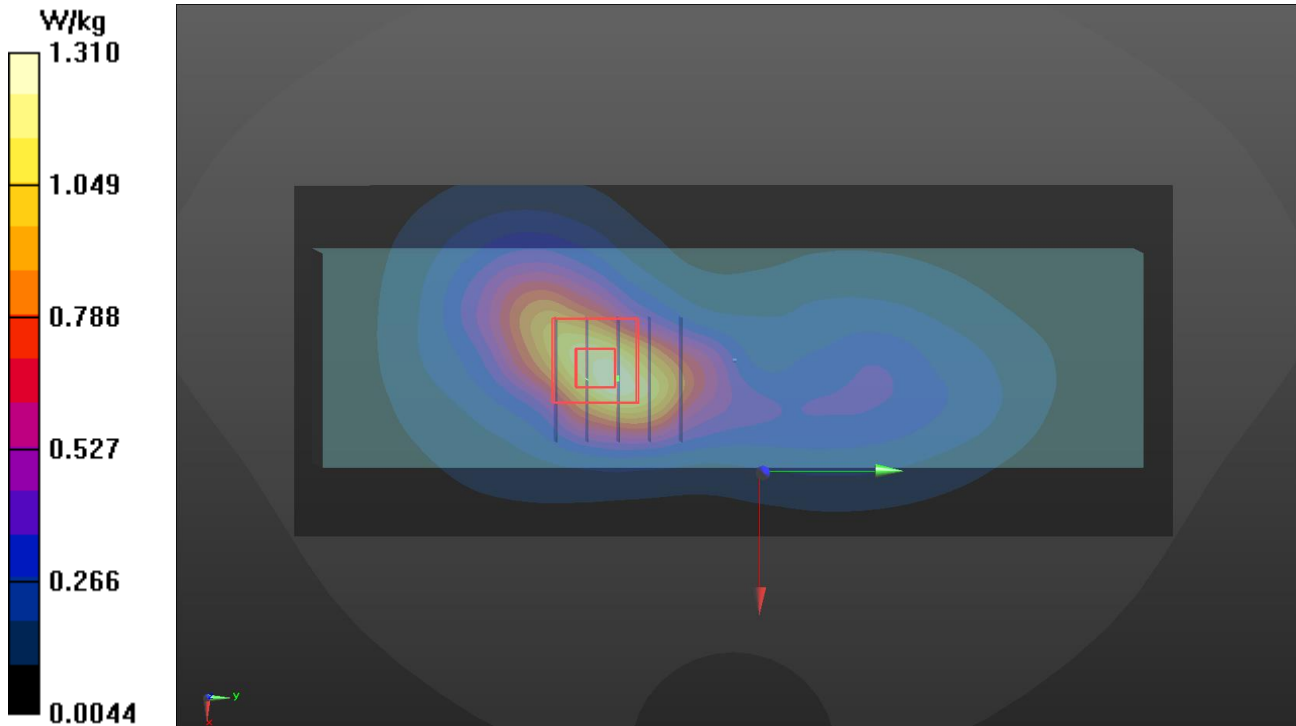
Peak SAR (extrapolated) = 1.42 W/kg

SAR(1 g) = 0.840 W/kg; SAR(10 g) = 0.532 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 12.5 mm

Ratio of SAR at M2 to SAR at M1 = 61.1%

Maximum value of SAR (measured) = 1.20 W/kg



Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2023/03/20

P08 LTE 17_QPSK10M_Right Side_0mm_Ch23800_1RB_OS0

DUT: BCUG-WTW-P23030371

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

Medium: H06T27N6_0320 Medium parameters used: $f = 711$ MHz; $\sigma = 0.925$ S/m; $\epsilon_r = 42.179$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7797; ConvF(9.09, 9.09, 9.09) @ 711 MHz; Calibrated: 2022/12/12
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 2022/09/22
- Phantom: SAM Phantom_1982; Type: QD 000 P41 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (61x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.662 W/kg

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

Reference Value = 27.09 V/m; Power Drift = 0.07 dB

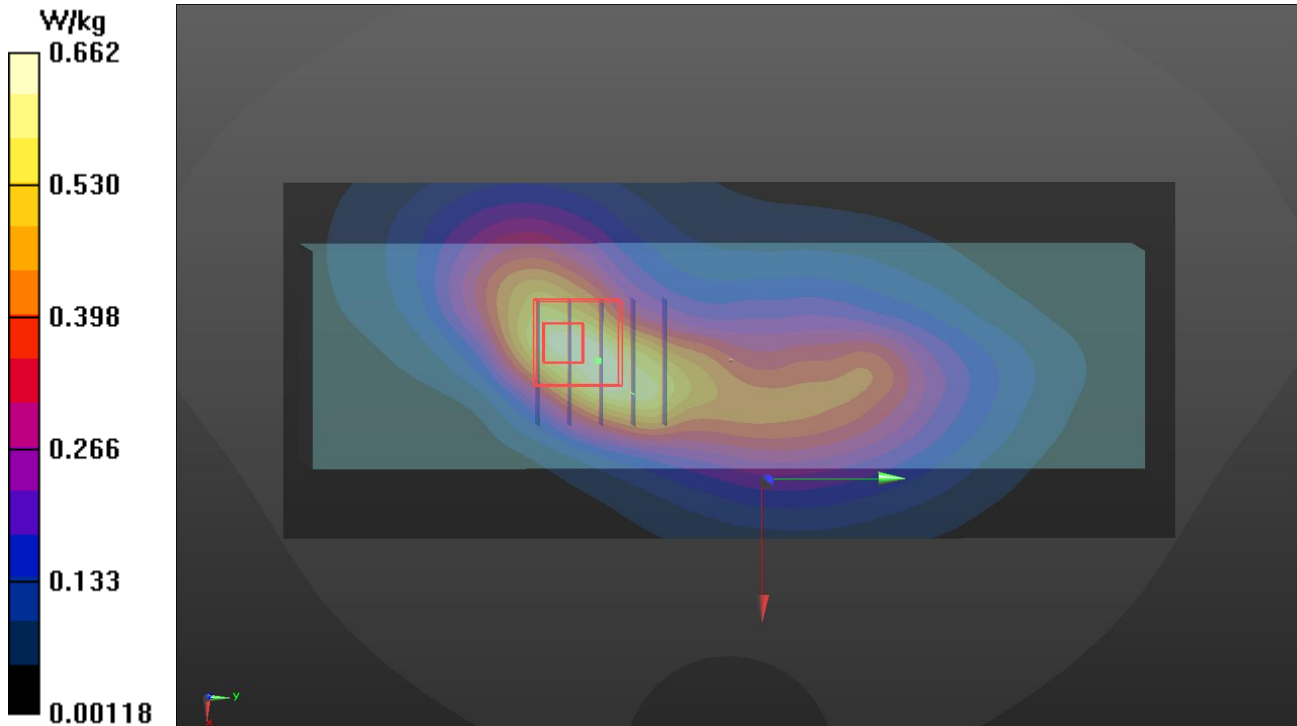
Peak SAR (extrapolated) = 0.779 W/kg

SAR(1 g) = 0.445 W/kg; SAR(10 g) = 0.294 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 11.5 mm

Ratio of SAR at M2 to SAR at M1 = 54.8%

Maximum value of SAR (measured) = 0.635 W/kg



Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2023/03/17

P09 LTE 25_QPSK20M_Right Side_0mm_Ch26140_1RB_OS0

DUT: BCUG-WTW-P23030371

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

Medium: H06T27N6_0317 Medium parameters used: $f = 1860$ MHz; $\sigma = 1.46$ S/m; $\epsilon_r = 40.151$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C ; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7797; ConvF(7.65, 7.65, 7.65) @ 1860 MHz; Calibrated: 2022/12/12
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 2022/09/22
- Phantom: SAM Phantom_1982; Type: QD 000 P41 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (61x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.59 W/kg

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

Reference Value = 32.08 V/m; Power Drift = 0.08 dB

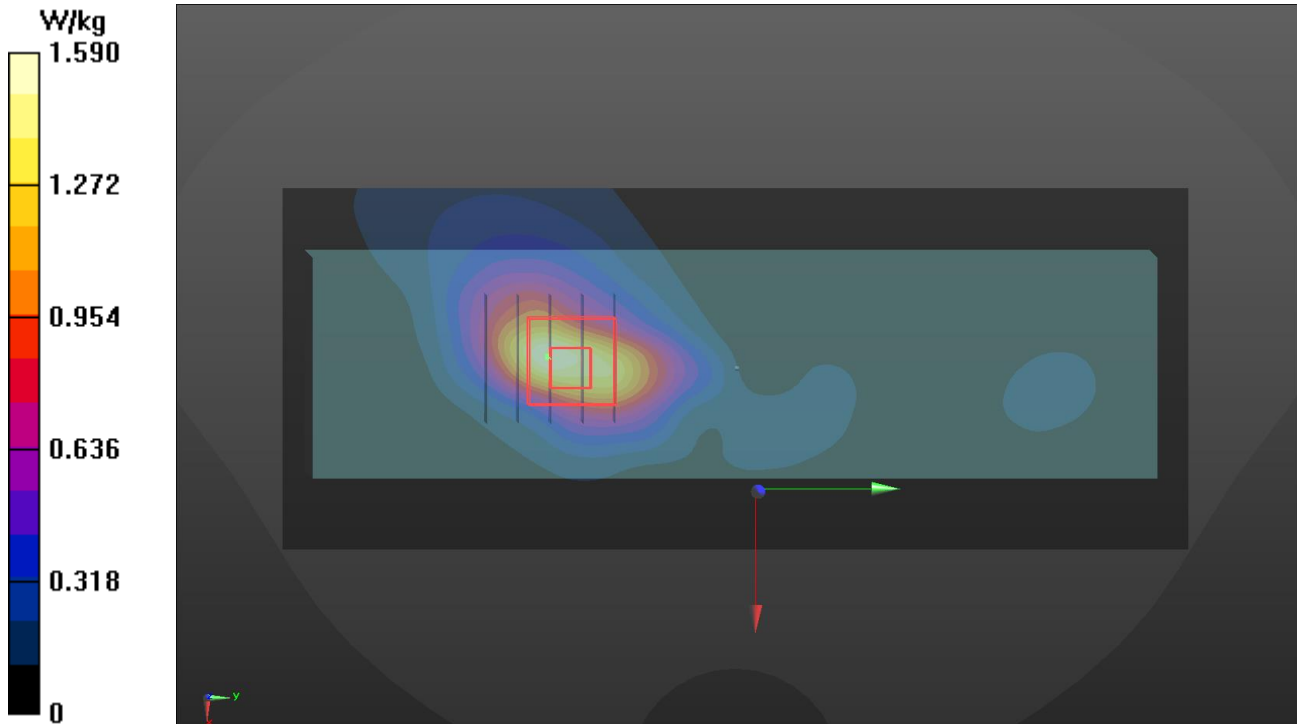
Peak SAR (extrapolated) = 1.77 W/kg

SAR(1 g) = 1.02 W/kg; SAR(10 g) = 0.581 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 11.3 mm

Ratio of SAR at M2 to SAR at M1 = 57.6%

Maximum value of SAR (measured) = 1.49 W/kg



Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2023/03/21

P10 LTE 26_QPSK15M_Right Side_0mm_Ch26865_1RB_OS0

DUT: BCUG-WTW-P23030371

Communication System: UID 10181 - CAE, LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK); Frequency: 831.5 MHz; Duty Cycle: 1:3.74

Medium: H06T27N6_0321 Medium parameters used (interpolated): $f = 831.5$ MHz; $\sigma = 0.94$ S/m; $\epsilon_r = 42.566$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.7 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7797; ConvF(8.87, 8.87, 8.87) @ 831.5 MHz; Calibrated: 2022/12/12
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 2022/09/22
- Phantom: SAM Phantom_1982; Type: QD 000 P41 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (61x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.54 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 39.74 V/m; Power Drift = -0.03 dB

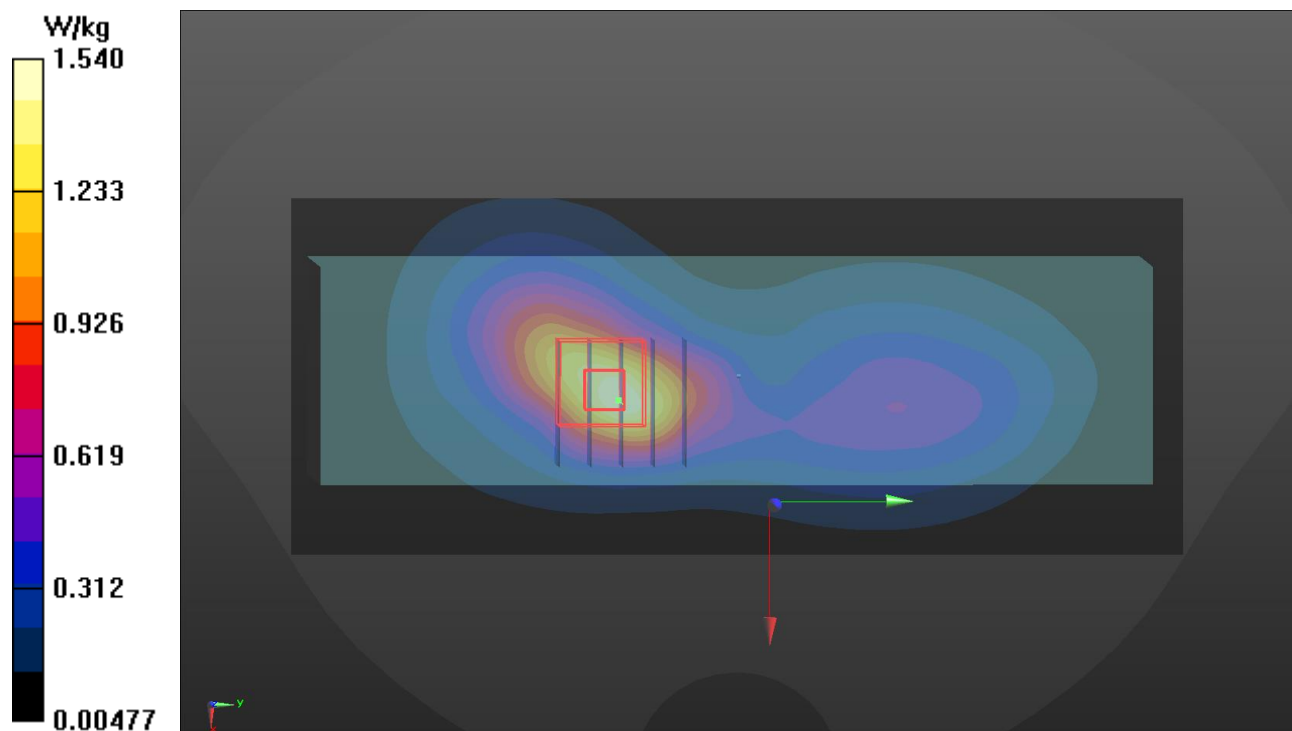
Peak SAR (extrapolated) = 1.73 W/kg

SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.637 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 11.5 mm

Ratio of SAR at M2 to SAR at M1 = 61.8%

Maximum value of SAR (measured) = 1.42 W/kg



Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2023/03/21

P11 LTE 41_QPSK20M_Right Side_0mm_Ch40620_1RB_OS0

DUT: BCUG-WTW-P23030371

Communication System: UID 10172 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 2593 MHz; Duty Cycle: 1:8.33

Medium: H06T27N6_0321 Medium parameters used: $f = 2593$ MHz; $\sigma = 1.94$ S/m; $\epsilon_r = 39.525$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.7 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7797; ConvF(7.32, 7.32, 7.32) @ 2593 MHz; Calibrated: 2022/12/12
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 2022/09/22
- Phantom: SAM Phantom_1982; Type: QD 000 P41 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (81x181x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.25 W/kg

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

Reference Value = 25.36 V/m; Power Drift = -0.08 dB

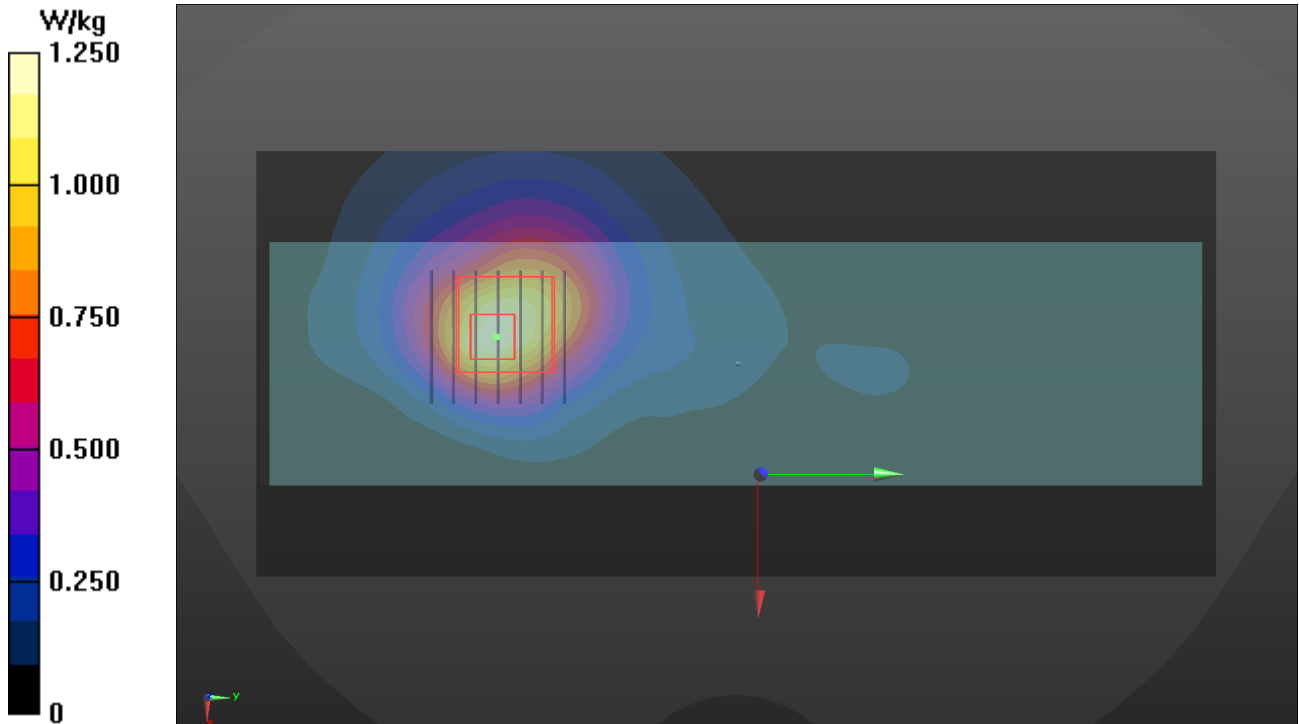
Peak SAR (extrapolated) = 1.53 W/kg

SAR(1 g) = 0.786 W/kg; SAR(10 g) = 0.414 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 = 50.7%

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



Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2023/03/17

P12 LTE 66_QPSK20M_Right Side_0mm_Ch132322_1RB_OS0

DUT: BUCG-WTW-P23030371

Communication System: UID 10169 - CAE, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 1745 MHz; Duty Cycle: 1:3.74

Medium: H06T27N6_0317 Medium parameters used: $f = 1745$ MHz; $\sigma = 1.392$ S/m; $\epsilon_r = 40.325$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C ; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7797; ConvF(8.03, 8.03, 8.03) @ 1745 MHz; Calibrated: 2022/12/12

- Sensor-Surface: 1.4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1590; Calibrated: 2022/09/22

- Phantom: SAM Phantom_1982; Type: QD 000 P41 Ax;

- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (61x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.58 W/kg

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

Reference Value = 34.05 V/m; Power Drift = 0.08 dB

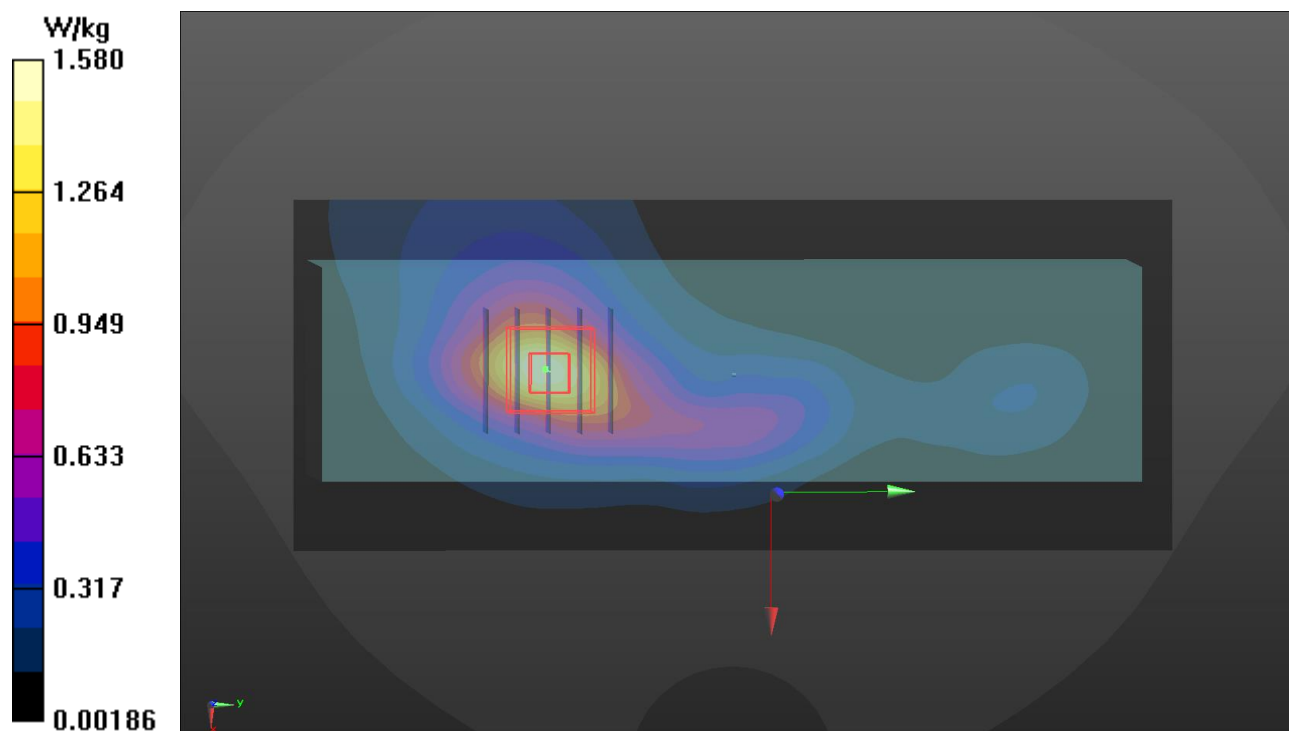
Peak SAR (extrapolated) = 1.81 W/kg

SAR(1 g) = 1.07 W/kg; SAR(10 g) = 0.616 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 13.2 mm

Ratio of SAR at M2 to SAR at M1 = 60.6%

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



Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2023/03/20

P13 LTE 71_QPSK20M_Right Side_0mm_Ch133372_1RB_OS0

DUT: BUCG-WTW-P23030371

Communication System: UID 10169 - CAE, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 688 MHz; Duty Cycle: 1:3.74

Medium: H06T27N6_0320 Medium parameters used: $f = 688$ MHz; $\sigma = 0.917$ S/m; $\epsilon_r = 42.241$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7797; ConvF(9.09, 9.09, 9.09) @ 688 MHz; Calibrated: 2022/12/12
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 2022/09/22
- Phantom: SAM Phantom_1982; Type: QD 000 P41 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (61x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.764 W/kg

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

Reference Value = 28.28 V/m; Power Drift = -0.16 dB

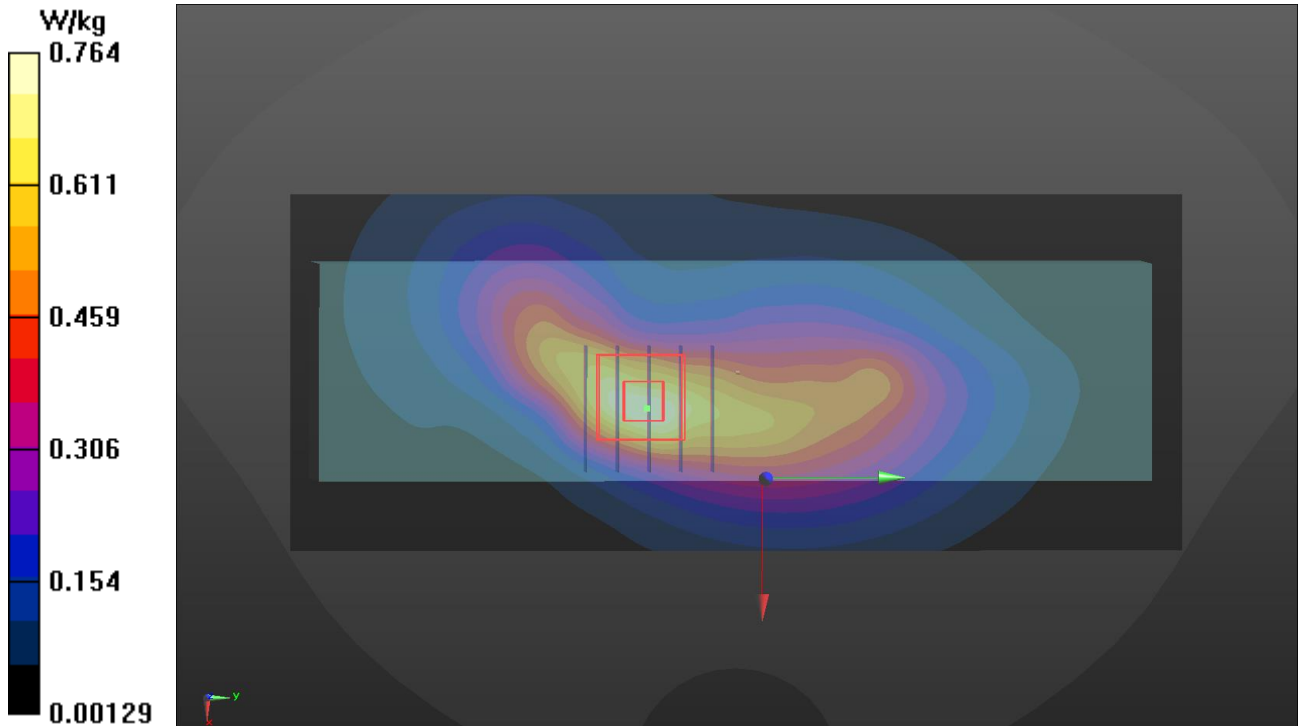
Peak SAR (extrapolated) = 0.904 W/kg

SAR(1 g) = 0.489 W/kg; SAR(10 g) = 0.302 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 = 55.5%

Maximum value of SAR (measured) = 0.748 W/kg



Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2023/03/28

P14 WLAN2.4G_802.11b_Bottom Side_0mm_Ch6

DUT: BCUG-WTW-P23030371

Communication System: UID 10012 - CAB, IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps); Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: H06T27N3_0328 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.773$ S/m; $\epsilon_r = 38.115$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.1 °C ; Liquid Temperature : 21.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(7.89, 7.89, 7.89) @ 2437 MHz; Calibrated: 2022/05/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1698; Calibrated: 2022/11/17
- Phantom: Twin SAM Phantom_1823; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (81x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.432 W/kg

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

Reference Value = 15.09 V/m; Power Drift = 0.09 dB

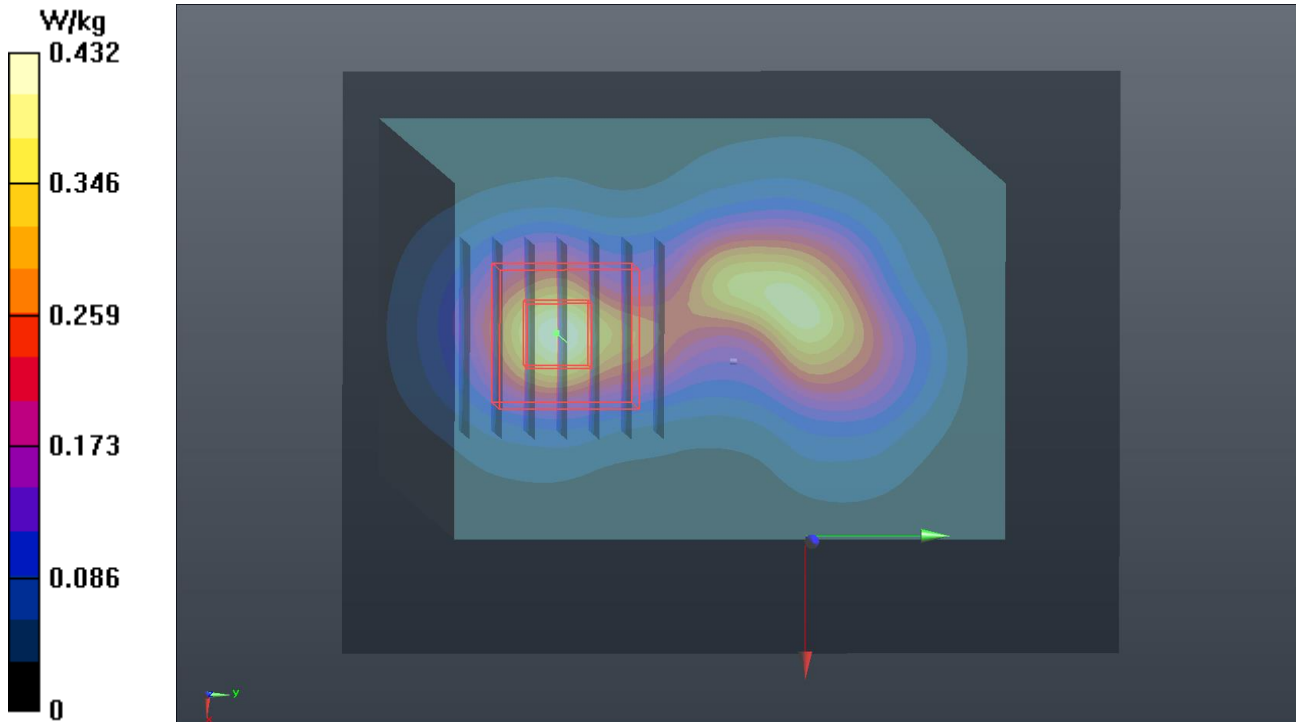
Peak SAR (extrapolated) = 0.578 W/kg

SAR(1 g) = 0.258 W/kg; SAR(10 g) = 0.116 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 9.8 mm

Ratio of SAR at M2 to SAR at M1 = 44.1%

Maximum value of SAR (measured) = 0.452 W/kg



Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2023/03/28

P15 WLAN5.3G_802.11a_Rear Face_0mm_Ch56

DUT: BCUG-WTW-P23030371

Communication System: UID 10062 - CAD, IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps); Frequency: 5280 MHz; Duty Cycle: 1:1

Medium: H51T72N3_0328 Medium parameters used: $f = 5280$ MHz; $\sigma = 4.549$ S/m; $\epsilon_r = 35.657$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.1 °C ; Liquid Temperature : 21.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(5.89, 5.89, 5.89) @ 5280 MHz; Calibrated: 2022/05/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1698; Calibrated: 2022/11/17
- Phantom: Twin SAM Phantom_1823; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (111x231x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 2.01 W/kg

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

Reference Value = 19.77 V/m; Power Drift = -0.03 dB

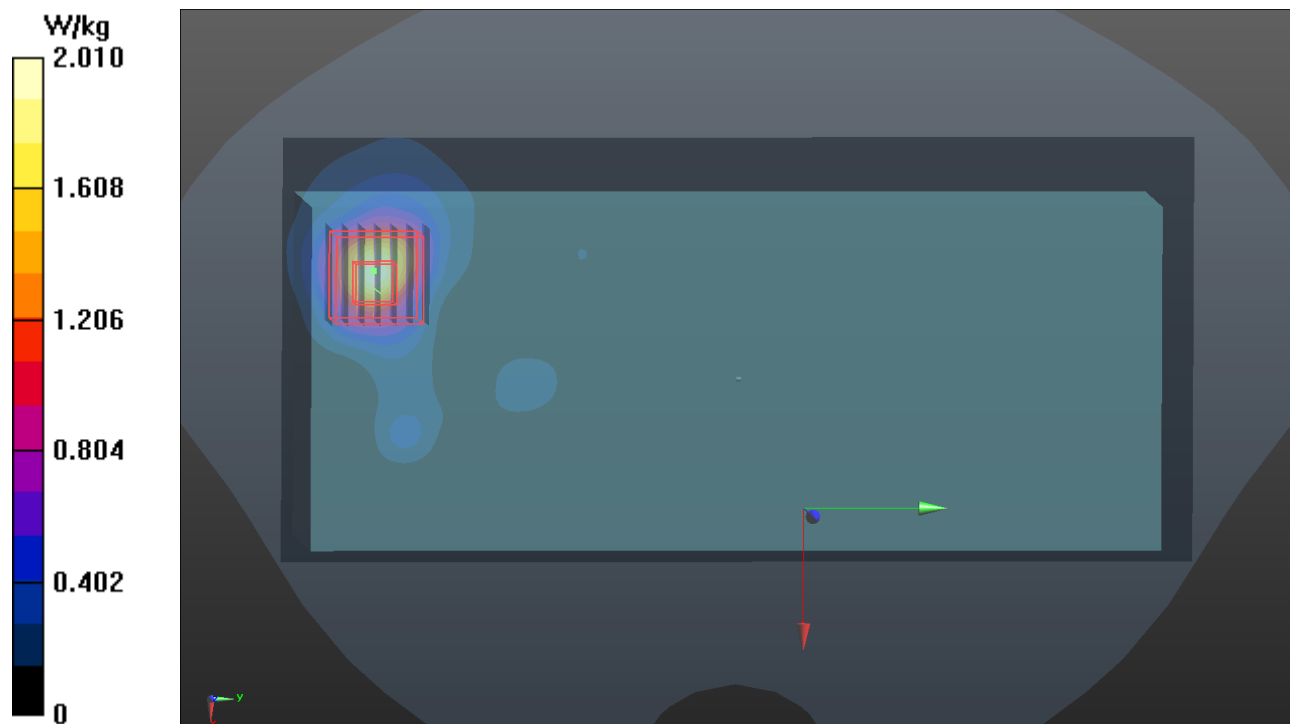
Peak SAR (extrapolated) = 6.14 W/kg

SAR(1 g) = 1.44 W/kg; SAR(10 g) = 0.399 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 6.6 mm

Ratio of SAR at M2 to SAR at M1 = 64.2%

Maximum value of SAR (measured) = 3.74 W/kg



Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2023/03/28

P16 WLAN5.6G_802.11a_Rear Face_0mm_Ch140

DUT: BUCG-WTW-P23030371

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

Medium: H51T72N3_0328 Medium parameters used: $f = 5700$ MHz; $\sigma = 5.021$ S/m; $\epsilon_r = 34.954$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.1 °C ; Liquid Temperature : 21.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(5.28, 5.28, 5.28) @ 5700 MHz; Calibrated: 2022/05/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1698; Calibrated: 2022/11/17
- Phantom: Twin SAM Phantom_1823; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (111x231x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 2.86 W/kg

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

Reference Value = 22.05 V/m; Power Drift = -0.06 dB

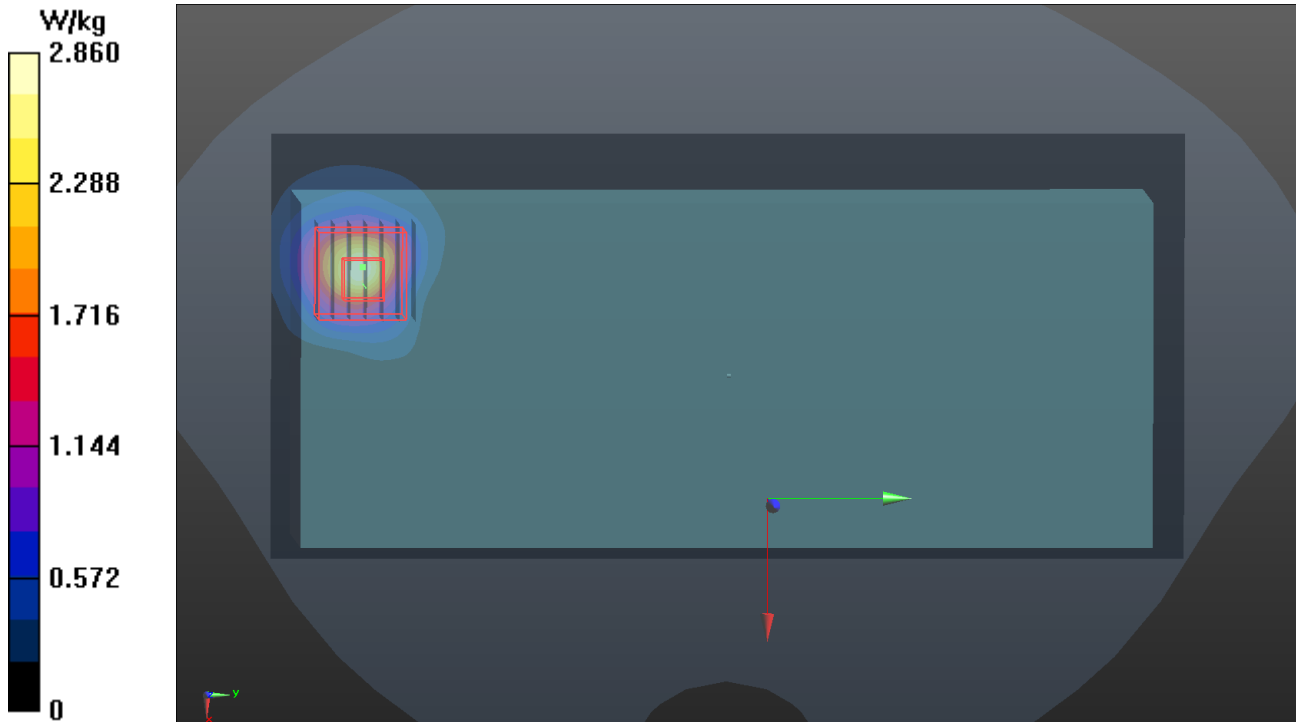
Peak SAR (extrapolated) = 8.35 W/kg

SAR(1 g) = 1.85 W/kg; SAR(10 g) = 0.511 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 6.4 mm

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

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



Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2023/03/28

P17 WLAN5.8G_802.11a_Rear Face_0mm_Ch149

DUT: BUCG-WTW-P23030371

Communication System: UID 10062 - CAD, IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps); Frequency: 5745 MHz; Duty Cycle: 1:1

Medium: H51T72N3_0328 Medium parameters used: $f = 5745$ MHz; $\sigma = 5.068$ S/m; $\epsilon_r = 34.891$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.1 °C ; Liquid Temperature : 21.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(5.28, 5.28, 5.28) @ 5745 MHz; Calibrated: 2022/05/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1698; Calibrated: 2022/11/17
- Phantom: Twin SAM Phantom_1823; Type: QD000P40;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (111x231x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 2.71 W/kg

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

Reference Value = 20.13 V/m; Power Drift = -0.04 dB

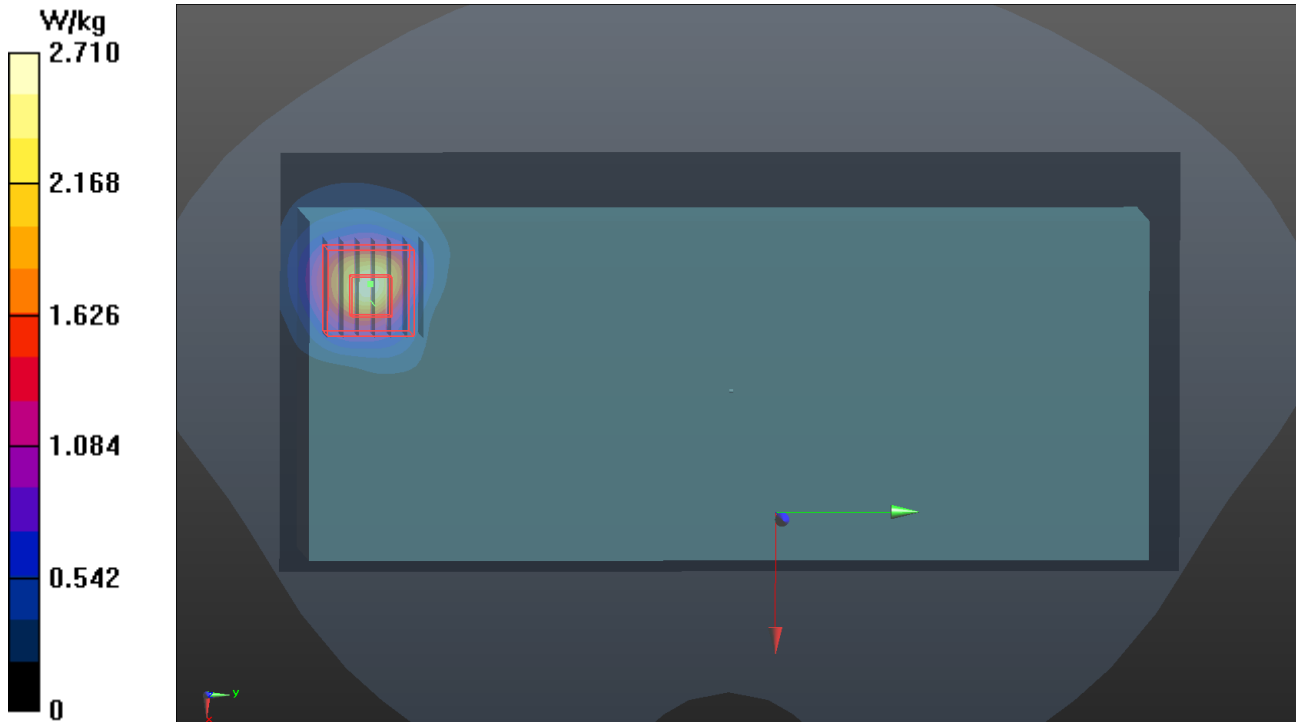
Peak SAR (extrapolated) = 8.01 W/kg

SAR(1 g) = 1.75 W/kg; SAR(10 g) = 0.483 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 6.4 mm

Ratio of SAR at M2 to SAR at M1 = 61.3%

Maximum value of SAR (measured) = 4.50 W/kg



Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2023/03/28

P18 BT_BDR_Bottom Side_0mm_Ch0

DUT: BUCG-WTW-P23030371

Communication System: UID 10032 - CAA, IEEE 802.15.1 Bluetooth (GFSK, DH5); Frequency: 2402 MHz; Duty Cycle: 1:1

Medium: H06T27N3_0328 Medium parameters used: $f = 2402$ MHz; $\sigma = 1.748$ S/m; $\epsilon_r = 38.184$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.1 °C ; Liquid Temperature : 21.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(7.89, 7.89, 7.89) @ 2402 MHz; Calibrated: 2022/05/27

- Sensor-Surface: 1.4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1698; Calibrated: 2022/11/17

- Phantom: Twin SAM Phantom_1823; Type: QD000P40;

- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (81x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.099 W/kg

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

Reference Value = 6.763 V/m; Power Drift = 0.04 dB

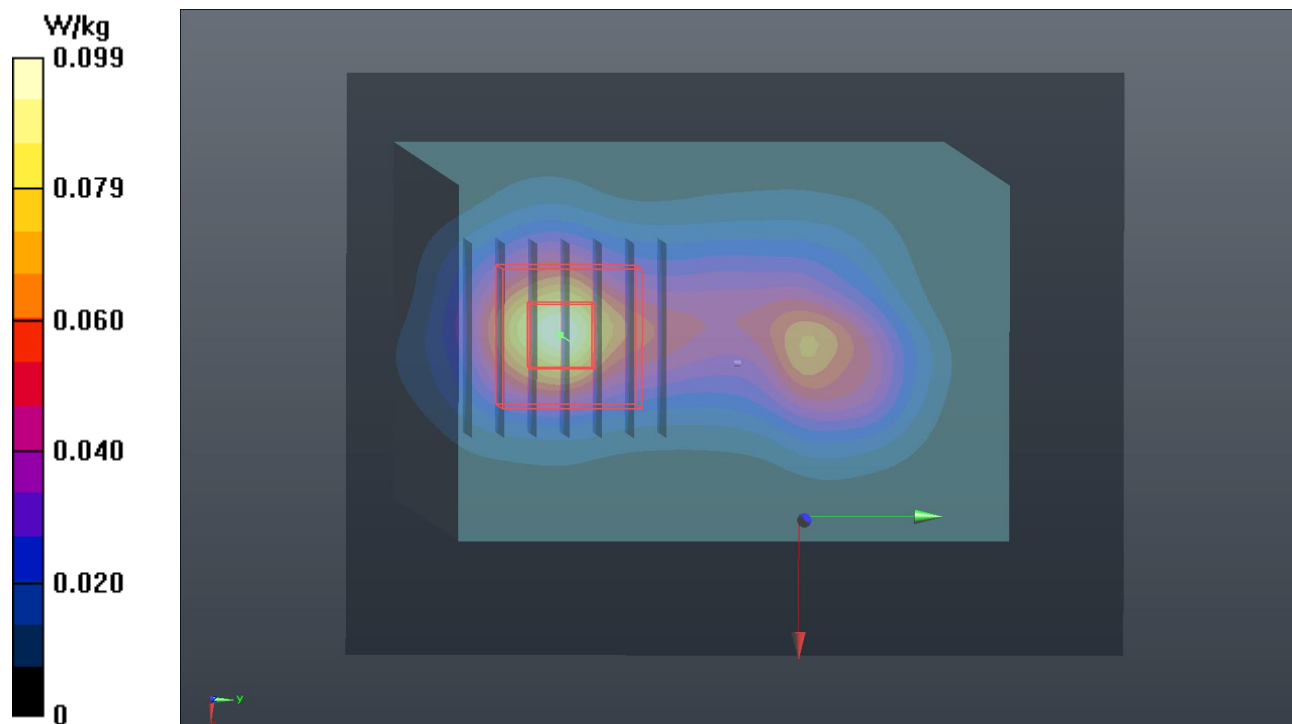
Peak SAR (extrapolated) = 0.117 W/kg

SAR(1 g) = 0.051 W/kg; SAR(10 g) = 0.023 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid (> 15 mm)

Ratio of SAR at M2 to SAR at M1 = 43.2%

Maximum value of SAR (measured) = 0.090 W/kg





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Appendix 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 (Full) | | |
|--------------------------------------|-----------------------------|-----------------------------|
| Mode | QPSK | 16QAM |
| | Maximum Target Power | Maximum Target Power |
| LTE 2 | 22.5 | 21.5 |
| LTE 4 | 22.5 | 21.5 |
| LTE 5 | 22.5 | 21.5 |
| LTE 7 | 23.5 | 22.5 |
| LTE 12 | 22.5 | 21.5 |
| LTE 13 | 23.0 | 22.0 |
| LTE 14 | 22.5 | 21.5 |
| LTE 17 | 23.0 | 22.0 |
| LTE 25 | 23.0 | 22.0 |
| LTE 26 | 23.0 | 22.0 |
| LTE 41 | 22.5 | 21.5 |
| LTE 66 | 22.5 | 21.5 |
| LTE 71 | 23.5 | 22.5 |



| Tune-up Power (Full) | | | |
|----------------------|---------|-----------|---------------------------|
| WLAN 2.4GHz | | | |
| Mode | Channel | Frequency | SISO Ant 0 Max Tune up |
| 802.11b | 1 | 2412 | 16.0 |
| | 6 | 2437 | 16.0 |
| | 11 | 2462 | 16.0 |
| 802.11g | 1 | 2412 | 15.5 |
| | 6 | 2437 | 15.5 |
| | 11 | 2462 | 15.5 |
| 802.11n HT20 | 1 | 2412 | 14.0 |
| | 6 | 2437 | 14.0 |
| | 11 | 2462 | 14.0 |



| Tune-up Power (Full) | | | |
|----------------------|---------|-----------|---------------------------|
| Bluetooth | | | |
| Mode | Channel | Frequency | SISO Ant 0 Max Tune up |
| BR / EDR | 0 | 2402 | 10.5 |
| | 39 | 2441 | 10.5 |
| | 78 | 2480 | 10.5 |
| LE | 0 | 2402 | 2.5 |
| | 19 | 2440 | 2.5 |
| | 39 | 2480 | 2.5 |

| Tune-up Power (Full) | | | |
|----------------------|---------|-----------|---------------------------|
| WLAN 5.2GHz | | | |
| Mode | Channel | Frequency | SISO Ant 0 Max Tune up |
| 802.11a | 36 | 5180 | 18.0 |
| | 40 | 5200 | 18.0 |
| | 44 | 5220 | 18.0 |
| | 48 | 5240 | 18.0 |
| 802.11n HT20 | 36 | 5180 | 17.5 |
| | 40 | 5200 | 17.5 |
| | 44 | 5220 | 17.5 |
| | 48 | 5240 | 17.5 |
| 802.11n HT40 | 38 | 5190 | 17.0 |
| | 46 | 5230 | 17.0 |
| 802.11ac VHT20 | 36 | 5180 | 17.5 |
| | 40 | 5200 | 17.5 |
| | 44 | 5220 | 17.5 |
| | 48 | 5240 | 17.5 |
| 802.11ac VHT40 | 38 | 5190 | 17.0 |
| | 46 | 5230 | 17.0 |
| 802.11ac VHT80 | 42 | 5210 | 16.5 |



| Tune-up Power (Full) | | | |
|----------------------|---------|-----------|---------------------------|
| WLAN 5.3GHz | | | |
| Mode | Channel | Frequency | SISO Ant 0 Max Tune up |
| 802.11a | 52 | 5260 | 18.0 |
| | 56 | 5280 | 18.0 |
| | 60 | 5300 | 18.0 |
| | 64 | 5320 | 18.0 |
| 802.11n HT20 | 52 | 5260 | 17.5 |
| | 56 | 5280 | 17.5 |
| | 60 | 5300 | 17.5 |
| | 64 | 5320 | 17.5 |
| 802.11n HT40 | 54 | 5270 | 16.5 |
| | 62 | 5310 | 16.5 |
| 802.11ac VHT20 | 52 | 5260 | 17.5 |
| | 56 | 5280 | 17.5 |
| | 60 | 5300 | 17.5 |
| | 64 | 5320 | 17.5 |
| 802.11ac VHT40 | 54 | 5270 | 17.0 |
| | 62 | 5310 | 17.0 |
| 802.11ac VHT80 | 58 | 5290 | 16.0 |

| Tune-up Power (Full) | | | |
|----------------------|---------|-----------|---------------------------|
| WLAN 5.6GHz | | | |
| Mode | Channel | Frequency | SISO Ant 0 Max Tune up |
| 802.11a | 100 | 5500 | 17.5 |
| | 116 | 5580 | 17.5 |
| | 120 | 5600 | 17.5 |
| | 124 | 5620 | 17.5 |
| | 132 | 5660 | 17.5 |
| | 140 | 5700 | 17.5 |
| | 144 | 5720 | 17.5 |
| 802.11n HT20 | 100 | 5500 | 17.0 |
| | 116 | 5580 | 17.0 |
| | 120 | 5600 | 17.0 |
| | 124 | 5620 | 17.0 |
| | 132 | 5660 | 17.0 |
| | 140 | 5700 | 17.0 |
| | 144 | 5720 | 17.0 |
| 802.11n HT40 | 102 | 5510 | 16.0 |
| | 110 | 5550 | 16.0 |
| | 118 | 5590 | 16.0 |
| | 126 | 5630 | 16.0 |
| | 134 | 5670 | 16.0 |
| | 142 | 5710 | 16.0 |
| 802.11ac VHT20 | 100 | 5500 | 17.0 |
| | 116 | 5580 | 17.0 |
| | 120 | 5600 | 17.0 |
| | 124 | 5620 | 17.0 |
| | 132 | 5660 | 17.0 |
| | 140 | 5700 | 17.0 |
| | 144 | 5720 | 17.0 |
| 802.11ac VHT40 | 102 | 5510 | 16.0 |
| | 110 | 5550 | 16.0 |
| | 118 | 5590 | 16.0 |
| | 126 | 5630 | 16.0 |
| | 134 | 5670 | 16.0 |
| | 142 | 5710 | 16.0 |
| 802.11ac VHT80 | 106 | 5530 | 16.0 |
| | 122 | 5610 | 16.0 |
| | 138 | 5690 | 16.0 |

| Tune-up Power (Full) | | | |
|----------------------|---------|-----------|---------------------------|
| WLAN 5.8GHz | | | |
| Mode | Channel | Frequency | SISO Ant 0 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 | 15.0 |
| | 159 | 5795 | 15.0 |
| 802.11ac VHT20 | 149 | 5745 | 15.5 |
| | 153 | 5765 | 15.5 |
| | 157 | 5785 | 15.5 |
| | 161 | 5805 | 15.5 |
| | 165 | 5825 | 15.5 |
| 802.11ac VHT40 | 151 | 5755 | 15.0 |
| | 159 | 5795 | 15.0 |
| 802.11ac VHT80 | 155 | 5775 | 14.5 |



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Appendix E. Measured Conducted Power Result

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

| LTE Conducted Power (Full) | | | | | | | |
|----------------------------|-----------|-----------------|-----------|--------|-------|--------|---------------|
| 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 | 22.39 | 22.23 | 22.31 | 0 |
| | | 1 | 50 | 22.35 | 22.19 | 22.28 | 0 |
| | | 1 | 99 | 22.21 | 22.03 | 22.21 | 0 |
| | | 50 | 0 | 21.49 | 21.39 | 21.43 | 1 |
| | | 50 | 25 | 21.47 | 21.32 | 21.37 | 1 |
| | | 50 | 50 | 21.31 | 21.29 | 21.27 | 1 |
| | | 100 | 0 | 21.35 | 21.21 | 21.32 | 1 |
| 20M | 16QAM | 1 | 0 | 21.32 | 21.20 | 21.25 | 1 |
| | | 1 | 50 | 21.28 | 21.18 | 21.23 | 1 |
| | | 1 | 99 | 20.85 | 20.84 | 20.83 | 1 |
| | | 50 | 0 | 20.37 | 20.28 | 20.34 | 2 |
| | | 50 | 25 | 20.29 | 20.12 | 20.25 | 2 |
| | | 50 | 50 | 20.25 | 20.16 | 20.21 | 2 |
| | | 100 | 0 | 20.29 | 20.22 | 20.26 | 2 |
| | | Channel | | 18675 | 18900 | 19125 | 3GPP MPR |
| | | Frequency (MHz) | | 1857.5 | 1880 | 1902.5 | |
| 15M | QPSK | 1 | 0 | 22.36 | 22.21 | 22.27 | 0 |
| | | 1 | 37 | 22.27 | 22.09 | 22.20 | 0 |
| | | 1 | 74 | 22.11 | 21.94 | 22.17 | 0 |
| | | 36 | 0 | 21.43 | 21.31 | 21.42 | 1 |
| | | 36 | 19 | 21.41 | 21.38 | 21.38 | 1 |
| | | 36 | 39 | 21.22 | 21.28 | 21.25 | 1 |
| | | 75 | 0 | 21.34 | 21.12 | 21.30 | 1 |
| 15M | 16QAM | 1 | 0 | 21.31 | 21.13 | 21.19 | 1 |
| | | 1 | 37 | 21.23 | 21.14 | 21.21 | 1 |
| | | 1 | 74 | 20.80 | 20.77 | 20.83 | 1 |
| | | 36 | 0 | 20.28 | 20.25 | 20.30 | 2 |
| | | 36 | 19 | 20.28 | 20.02 | 20.23 | 2 |
| | | 36 | 39 | 20.15 | 20.15 | 20.12 | 2 |
| | | 75 | 0 | 20.19 | 20.15 | 20.17 | 2 |

| LTE Conducted Power (Full) | | | | | | | |
|----------------------------|-----------|-----------------|----|--------|-------|--------|----------|
| LTE Band 2 | | | | | | | |
| BW | MCS Index | Channel | | 18650 | 18900 | 19150 | 3GPP MPR |
| | | Frequency (MHz) | | 1855 | 1880 | 1905 | |
| 10M | QPSK | 1 | 0 | 22.33 | 22.13 | 22.25 | 0 |
| | | 1 | 24 | 22.27 | 22.08 | 22.18 | 0 |
| | | 1 | 49 | 22.21 | 21.96 | 22.17 | 0 |
| | | 25 | 0 | 21.46 | 21.32 | 21.33 | 1 |
| | | 25 | 12 | 21.47 | 21.41 | 21.47 | 1 |
| | | 25 | 25 | 21.26 | 21.22 | 21.19 | 1 |
| | | 50 | 0 | 21.34 | 21.12 | 21.25 | 1 |
| 10M | 16QAM | 1 | 0 | 21.28 | 21.17 | 21.25 | 1 |
| | | 1 | 24 | 21.27 | 21.08 | 21.21 | 1 |
| | | 1 | 49 | 20.83 | 20.80 | 20.74 | 1 |
| | | 25 | 0 | 20.32 | 20.19 | 20.25 | 2 |
| | | 25 | 12 | 20.29 | 20.09 | 20.21 | 2 |
| | | 25 | 25 | 20.18 | 20.07 | 20.11 | 2 |
| | | 50 | 0 | 20.19 | 20.17 | 20.21 | 2 |
| BW | MCS Index | Channel | | 18625 | 18900 | 19175 | 3GPP MPR |
| | | Frequency (MHz) | | 1852.5 | 1880 | 1907.5 | |
| 5M | QPSK | 1 | 0 | 22.29 | 22.16 | 22.22 | 0 |
| | | 1 | 12 | 22.25 | 22.13 | 22.20 | 0 |
| | | 1 | 24 | 22.15 | 21.99 | 22.18 | 0 |
| | | 12 | 0 | 21.42 | 21.29 | 21.39 | 1 |
| | | 12 | 6 | 21.37 | 21.33 | 21.47 | 1 |
| | | 12 | 13 | 21.26 | 21.21 | 21.19 | 1 |
| | | 25 | 0 | 21.32 | 21.15 | 21.31 | 1 |
| 5M | 16QAM | 1 | 0 | 21.26 | 21.12 | 21.18 | 1 |
| | | 1 | 12 | 21.25 | 21.09 | 21.21 | 1 |
| | | 1 | 24 | 20.75 | 20.78 | 20.79 | 1 |
| | | 12 | 0 | 20.37 | 20.18 | 20.34 | 2 |
| | | 12 | 6 | 20.29 | 20.02 | 20.24 | 2 |
| | | 12 | 13 | 20.21 | 20.10 | 20.14 | 2 |
| | | 25 | 0 | 20.24 | 20.18 | 20.23 | 2 |

| LTE Conducted Power (Full) | | | | | | | |
|----------------------------|-----------|-----------------|----|--------|-------|--------|----------|
| LTE Band 2 | | | | | | | |
| BW | MCS Index | Channel | | 18615 | 18900 | 19185 | 3GPP MPR |
| | | Frequency (MHz) | | 1851.5 | 1880 | 1908.5 | |
| 3M | QPSK | 1 | 0 | 22.25 | 22.12 | 22.18 | 0 |
| | | 1 | 7 | 22.19 | 22.08 | 22.15 | 0 |
| | | 1 | 14 | 22.07 | 21.96 | 22.11 | 0 |
| | | 8 | 0 | 21.33 | 21.25 | 21.30 | 1 |
| | | 8 | 3 | 21.29 | 21.30 | 21.44 | 1 |
| | | 8 | 7 | 21.22 | 21.20 | 21.12 | 1 |
| | | 15 | 0 | 21.25 | 21.07 | 21.24 | 1 |
| 3M | 16QAM | 1 | 0 | 21.25 | 21.05 | 21.17 | 1 |
| | | 1 | 7 | 21.18 | 21.03 | 21.16 | 1 |
| | | 1 | 14 | 20.75 | 20.70 | 20.73 | 1 |
| | | 8 | 0 | 20.37 | 20.11 | 20.31 | 2 |
| | | 8 | 3 | 20.24 | 20.00 | 20.18 | 2 |
| | | 8 | 7 | 20.13 | 20.09 | 20.09 | 2 |
| | | 15 | 0 | 20.21 | 20.08 | 20.18 | 2 |
| BW | MCS Index | Channel | | 18607 | 18900 | 19193 | 3GPP MPR |
| | | Frequency (MHz) | | 1850.7 | 1880 | 1909.3 | |
| 1.4M | QPSK | 1 | 0 | 22.20 | 22.06 | 22.10 | 0 |
| | | 1 | 2 | 22.14 | 22.04 | 22.06 | 0 |
| | | 1 | 5 | 22.07 | 21.89 | 22.02 | 0 |
| | | 3 | 0 | 21.31 | 21.21 | 21.24 | 0 |
| | | 3 | 1 | 21.19 | 21.30 | 21.37 | 0 |
| | | 3 | 3 | 21.16 | 21.19 | 21.03 | 0 |
| | | 6 | 0 | 21.22 | 21.07 | 21.19 | 1 |
| 1.4M | 16QAM | 1 | 0 | 21.23 | 21.05 | 21.12 | 1 |
| | | 1 | 2 | 21.08 | 20.97 | 21.10 | 1 |
| | | 1 | 5 | 20.74 | 20.65 | 20.68 | 1 |
| | | 3 | 0 | 20.30 | 20.02 | 20.24 | 1 |
| | | 3 | 1 | 20.23 | 19.91 | 20.18 | 1 |
| | | 3 | 3 | 20.13 | 20.00 | 20.05 | 1 |
| | | 6 | 0 | 20.12 | 20.04 | 20.17 | 2 |

| LTE Conducted Power (Full) | | | | | | | |
|----------------------------|-----------|-----------------|-----------|--------|--------|--------|---------------|
| 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 | 22.22 | 22.34 | 22.39 | 0 |
| | | 1 | 50 | 22.15 | 22.23 | 22.27 | 0 |
| | | 1 | 99 | 22.18 | 22.19 | 22.25 | 0 |
| | | 50 | 0 | 21.06 | 21.15 | 21.19 | 1 |
| | | 50 | 25 | 21.00 | 21.00 | 21.08 | 1 |
| | | 50 | 50 | 20.99 | 20.99 | 21.05 | 1 |
| | | 100 | 0 | 21.06 | 21.10 | 21.13 | 1 |
| 20M | 16QAM | 1 | 0 | 20.89 | 20.97 | 21.06 | 1 |
| | | 1 | 50 | 20.88 | 20.97 | 20.98 | 1 |
| | | 1 | 99 | 20.84 | 20.88 | 20.89 | 1 |
| | | 50 | 0 | 20.25 | 20.25 | 20.35 | 2 |
| | | 50 | 25 | 20.12 | 20.17 | 20.29 | 2 |
| | | 50 | 50 | 20.15 | 20.24 | 20.24 | 2 |
| | | 100 | 0 | 20.00 | 20.08 | 20.18 | 2 |
| BW | MCS Index | Channel | | 20025 | 20175 | 20325 | 3GPP MPR |
| | | Frequency (MHz) | | 1717.5 | 1732.5 | 1747.5 | |
| 15M | QPSK | 1 | 0 | 22.14 | 22.27 | 22.36 | 0 |
| | | 1 | 37 | 22.10 | 22.21 | 22.25 | 0 |
| | | 1 | 74 | 22.06 | 22.12 | 22.21 | 0 |
| | | 36 | 0 | 20.97 | 21.10 | 21.18 | 1 |
| | | 36 | 19 | 20.94 | 20.91 | 21.07 | 1 |
| | | 36 | 39 | 20.90 | 20.91 | 20.95 | 1 |
| | | 75 | 0 | 21.05 | 21.00 | 21.13 | 1 |
| 15M | 16QAM | 1 | 0 | 20.83 | 20.97 | 20.97 | 1 |
| | | 1 | 37 | 20.79 | 20.89 | 20.89 | 1 |
| | | 1 | 74 | 20.84 | 20.84 | 20.84 | 1 |
| | | 36 | 0 | 20.22 | 20.16 | 20.27 | 2 |
| | | 36 | 19 | 20.04 | 20.13 | 20.19 | 2 |
| | | 36 | 39 | 20.08 | 20.15 | 20.23 | 2 |
| | | 75 | 0 | 19.93 | 20.03 | 20.08 | 2 |

| LTE Conducted Power (Full) | | | | | | | |
|----------------------------|-----------|-----------------|----|--------|--------|--------|----------|
| LTE Band 4 | | | | | | | |
| BW | MCS Index | Channel | | 20000 | 20175 | 20350 | 3GPP MPR |
| | | Frequency (MHz) | | 1715 | 1732.5 | 1750 | |
| 10M | QPSK | 1 | 0 | 22.11 | 22.17 | 22.31 | 0 |
| | | 1 | 24 | 22.01 | 22.20 | 22.23 | 0 |
| | | 1 | 49 | 21.96 | 22.12 | 22.12 | 0 |
| | | 25 | 0 | 20.96 | 21.09 | 21.15 | 1 |
| | | 25 | 12 | 20.90 | 20.88 | 20.98 | 1 |
| | | 25 | 25 | 20.87 | 20.88 | 20.91 | 1 |
| | | 50 | 0 | 21.02 | 20.91 | 21.10 | 1 |
| 10M | 16QAM | 1 | 0 | 20.78 | 20.92 | 20.93 | 1 |
| | | 1 | 24 | 20.74 | 20.82 | 20.87 | 1 |
| | | 1 | 49 | 20.81 | 20.82 | 20.76 | 1 |
| | | 25 | 0 | 20.22 | 20.16 | 20.17 | 2 |
| | | 25 | 12 | 20.02 | 20.07 | 20.17 | 2 |
| | | 25 | 25 | 20.03 | 20.09 | 20.14 | 2 |
| | | 50 | 0 | 19.86 | 19.96 | 20.04 | 2 |
| BW | MCS Index | Channel | | 19975 | 20175 | 20375 | 3GPP MPR |
| | | Frequency (MHz) | | 1712.5 | 1732.5 | 1752.5 | |
| 5M | QPSK | 1 | 0 | 22.11 | 22.26 | 22.28 | 0 |
| | | 1 | 12 | 22.01 | 22.20 | 22.23 | 0 |
| | | 1 | 24 | 21.99 | 22.12 | 22.12 | 0 |
| | | 12 | 0 | 20.87 | 21.09 | 21.17 | 1 |
| | | 12 | 6 | 20.85 | 20.87 | 21.03 | 1 |
| | | 12 | 13 | 20.90 | 20.91 | 20.85 | 1 |
| | | 25 | 0 | 21.00 | 20.95 | 21.07 | 1 |
| 5M | 16QAM | 1 | 0 | 20.80 | 20.87 | 20.89 | 1 |
| | | 1 | 12 | 20.71 | 20.81 | 20.83 | 1 |
| | | 1 | 24 | 20.80 | 20.83 | 20.81 | 1 |
| | | 12 | 0 | 20.17 | 20.16 | 20.17 | 2 |
| | | 12 | 6 | 20.04 | 20.11 | 20.12 | 2 |
| | | 12 | 13 | 20.00 | 20.10 | 20.16 | 2 |
| | | 25 | 0 | 19.91 | 20.00 | 20.05 | 2 |

| LTE Conducted Power (Full) | | | | | | | |
|----------------------------|-----------|-----------------|----|--------|--------|--------|----------|
| LTE Band 4 | | | | | | | |
| BW | MCS Index | Channel | | 19965 | 20175 | 20385 | 3GPP MPR |
| | | Frequency (MHz) | | 1711.5 | 1732.5 | 1753.5 | |
| 3M | QPSK | 1 | 0 | 22.11 | 22.20 | 22.22 | 0 |
| | | 1 | 7 | 22.01 | 22.10 | 22.21 | 0 |
| | | 1 | 14 | 21.93 | 22.06 | 22.02 | 0 |
| | | 8 | 0 | 20.77 | 20.99 | 21.11 | 1 |
| | | 8 | 3 | 20.80 | 20.87 | 20.96 | 1 |
| | | 8 | 7 | 20.89 | 20.89 | 20.78 | 1 |
| | | 15 | 0 | 20.99 | 20.89 | 20.97 | 1 |
| 3M | 16QAM | 1 | 0 | 20.74 | 20.79 | 20.81 | 1 |
| | | 1 | 7 | 20.71 | 20.72 | 20.82 | 1 |
| | | 1 | 14 | 20.74 | 20.77 | 20.75 | 1 |
| | | 8 | 0 | 20.08 | 20.15 | 20.15 | 2 |
| | | 8 | 3 | 19.94 | 20.04 | 20.05 | 2 |
| | | 8 | 7 | 19.90 | 20.08 | 20.13 | 2 |
| | | 15 | 0 | 19.86 | 19.92 | 19.97 | 2 |
| BW | MCS Index | Channel | | 19957 | 20175 | 20393 | 3GPP MPR |
| | | Frequency (MHz) | | 1710.7 | 1732.5 | 1754.3 | |
| 1.4M | QPSK | 1 | 0 | 22.04 | 22.10 | 22.12 | 0 |
| | | 1 | 2 | 22.01 | 22.08 | 22.17 | 0 |
| | | 1 | 5 | 21.87 | 22.05 | 21.95 | 0 |
| | | 3 | 0 | 20.70 | 20.91 | 21.01 | 0 |
| | | 3 | 1 | 20.78 | 20.80 | 20.90 | 0 |
| | | 3 | 3 | 20.82 | 20.83 | 20.72 | 0 |
| | | 6 | 0 | 20.94 | 20.83 | 20.91 | 1 |
| 1.4M | 16QAM | 1 | 0 | 20.68 | 20.76 | 20.77 | 1 |
| | | 1 | 2 | 20.63 | 20.71 | 20.78 | 1 |
| | | 1 | 5 | 20.74 | 20.70 | 20.70 | 1 |
| | | 3 | 0 | 20.08 | 20.09 | 20.11 | 1 |
| | | 3 | 1 | 19.87 | 19.94 | 19.98 | 1 |
| | | 3 | 3 | 19.84 | 20.04 | 20.08 | 1 |
| | | 6 | 0 | 19.83 | 19.92 | 19.96 | 2 |

| LTE Conducted Power (Full) | | | | | | | |
|----------------------------|-----------|-----------------|-----------|-------|-------|-------|---------------|
| 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 | 22.35 | 22.45 | 22.48 | 0 |
| | | 1 | 24 | 22.32 | 22.40 | 22.44 | 0 |
| | | 1 | 49 | 22.25 | 22.33 | 22.35 | 0 |
| | | 25 | 0 | 21.34 | 21.34 | 21.41 | 1 |
| | | 25 | 12 | 21.29 | 21.25 | 21.38 | 1 |
| | | 25 | 25 | 21.27 | 21.32 | 21.35 | 1 |
| | | 50 | 0 | 21.23 | 21.28 | 21.33 | 1 |
| 10M | 16QAM | 1 | 0 | 21.10 | 21.13 | 21.21 | 1 |
| | | 1 | 24 | 21.00 | 21.09 | 21.15 | 1 |
| | | 1 | 49 | 20.85 | 20.88 | 20.92 | 1 |
| | | 25 | 0 | 20.38 | 20.39 | 20.47 | 2 |
| | | 25 | 12 | 20.42 | 20.44 | 20.44 | 2 |
| | | 25 | 25 | 20.40 | 20.41 | 20.41 | 2 |
| | | 50 | 0 | 20.23 | 20.25 | 20.33 | 2 |
| BW | MCS Index | Channel | | 20425 | 20525 | 20625 | 3GPP MPR |
| | | Frequency (MHz) | | 826.5 | 836.5 | 846.5 | |
| | | 5M | QPSK | 1 | 0 | 22.25 | |
| 1 | 12 | | | 22.29 | 22.31 | 22.35 | 0 |
| 1 | 24 | | | 22.24 | 22.33 | 22.34 | 0 |
| 12 | 0 | | | 21.29 | 21.31 | 21.35 | 1 |
| 12 | 6 | | | 21.28 | 21.28 | 21.31 | 1 |
| 12 | 13 | | | 21.20 | 21.25 | 21.30 | 1 |
| 25 | 0 | | | 21.13 | 21.24 | 21.32 | 1 |
| 5M | 16QAM | 1 | 0 | 21.04 | 21.06 | 21.14 | 1 |
| | | 1 | 12 | 20.90 | 21.05 | 21.15 | 1 |
| | | 1 | 24 | 20.82 | 20.84 | 20.90 | 1 |
| | | 12 | 0 | 20.37 | 20.31 | 20.43 | 2 |
| | | 12 | 6 | 20.33 | 20.35 | 20.38 | 2 |
| | | 12 | 13 | 20.30 | 20.34 | 20.38 | 2 |
| | | 25 | 0 | 20.18 | 20.25 | 20.27 | 2 |

| LTE Conducted Power (Full) | | | | | | | |
|----------------------------|-----------|-----------------|----|-------|-------|-------|----------|
| LTE Band 5 | | | | | | | |
| BW | MCS Index | Channel | | 20415 | 20525 | 20635 | 3GPP MPR |
| | | Frequency (MHz) | | 825.5 | 836.5 | 847.5 | |
| 3M | QPSK | 1 | 0 | 22.15 | 22.37 | 22.43 | 0 |
| | | 1 | 7 | 22.28 | 22.26 | 22.32 | 0 |
| | | 1 | 14 | 22.16 | 22.24 | 22.25 | 0 |
| | | 8 | 0 | 21.28 | 21.26 | 21.34 | 1 |
| | | 8 | 3 | 21.24 | 21.28 | 21.26 | 1 |
| | | 8 | 7 | 21.14 | 21.25 | 21.27 | 1 |
| | | 15 | 0 | 21.07 | 21.23 | 21.27 | 1 |
| 3M | 16QAM | 1 | 0 | 20.94 | 21.00 | 21.12 | 1 |
| | | 1 | 7 | 20.84 | 21.04 | 21.07 | 1 |
| | | 1 | 14 | 20.75 | 20.84 | 20.86 | 1 |
| | | 8 | 0 | 20.31 | 20.27 | 20.33 | 2 |
| | | 8 | 3 | 20.33 | 20.33 | 20.28 | 2 |
| | | 8 | 7 | 20.27 | 20.24 | 20.32 | 2 |
| | | 15 | 0 | 20.18 | 20.23 | 20.25 | 2 |
| BW | MCS Index | Channel | | 20407 | 20525 | 20643 | 3GPP MPR |
| | | Frequency (MHz) | | 824.7 | 836.5 | 848.3 | |
| 1.4M | QPSK | 1 | 0 | 22.05 | 22.35 | 22.33 | 0 |
| | | 1 | 2 | 22.20 | 22.21 | 22.30 | 0 |
| | | 1 | 5 | 22.07 | 22.18 | 22.15 | 0 |
| | | 3 | 0 | 21.19 | 21.17 | 21.32 | 0 |
| | | 3 | 1 | 21.14 | 21.18 | 21.23 | 0 |
| | | 3 | 3 | 21.08 | 21.20 | 21.18 | 0 |
| | | 6 | 0 | 21.00 | 21.17 | 21.25 | 1 |
| 1.4M | 16QAM | 1 | 0 | 20.86 | 20.97 | 21.09 | 1 |
| | | 1 | 2 | 20.84 | 21.01 | 21.01 | 1 |
| | | 1 | 5 | 20.68 | 20.82 | 20.82 | 1 |
| | | 3 | 0 | 20.22 | 20.18 | 20.23 | 1 |
| | | 3 | 1 | 20.32 | 20.27 | 20.19 | 1 |
| | | 3 | 3 | 20.26 | 20.17 | 20.25 | 1 |
| | | 6 | 0 | 20.09 | 20.15 | 20.20 | 2 |

| LTE Conducted Power (Full) | | | | | | | |
|----------------------------|-----------|-----------------|-----------|--------|-------|--------|---------------|
| LTE Band 7 | | | | | | | |
| BW | MCS Index | RB Size | RB Offset | Low | Mid | High | 3GPP MPR (dB) |
| | | Channel | | 20850 | 21100 | 21350 | |
| | | Frequency (MHz) | | 2510 | 2535 | 2560 | |
| 20M | QPSK | 1 | 0 | 23.18 | 23.41 | 23.35 | 0 |
| | | 1 | 50 | 23.15 | 23.35 | 23.25 | 0 |
| | | 1 | 99 | 23.17 | 23.31 | 23.28 | 0 |
| | | 50 | 0 | 22.29 | 22.33 | 22.30 | 1 |
| | | 50 | 25 | 22.17 | 22.31 | 22.26 | 1 |
| | | 50 | 50 | 22.12 | 22.25 | 22.20 | 1 |
| | | 100 | 0 | 22.21 | 22.28 | 22.23 | 1 |
| 20M | 16QAM | 1 | 0 | 21.93 | 22.12 | 22.03 | 1 |
| | | 1 | 50 | 22.03 | 22.08 | 22.07 | 1 |
| | | 1 | 99 | 21.73 | 21.85 | 21.83 | 1 |
| | | 50 | 0 | 21.20 | 21.24 | 21.22 | 2 |
| | | 50 | 25 | 21.11 | 21.21 | 21.16 | 2 |
| | | 50 | 50 | 21.02 | 21.15 | 21.09 | 2 |
| | | 100 | 0 | 21.10 | 21.23 | 21.13 | 2 |
| BW | MCS Index | Channel | | 20825 | 21100 | 21375 | 3GPP MPR |
| | | Frequency (MHz) | | 2507.5 | 2535 | 2562.5 | |
| 15M | QPSK | 1 | 0 | 23.19 | 23.35 | 23.27 | 0 |
| | | 1 | 37 | 23.15 | 23.28 | 23.22 | 0 |
| | | 1 | 74 | 23.08 | 23.22 | 23.16 | 0 |
| | | 36 | 0 | 22.26 | 22.32 | 22.27 | 1 |
| | | 36 | 19 | 22.08 | 22.25 | 22.21 | 1 |
| | | 36 | 39 | 22.05 | 22.20 | 22.17 | 1 |
| | | 75 | 0 | 22.15 | 22.18 | 22.15 | 1 |
| 15M | 16QAM | 1 | 0 | 21.92 | 22.05 | 22.01 | 1 |
| | | 1 | 37 | 21.93 | 22.00 | 21.98 | 1 |
| | | 1 | 74 | 21.63 | 21.76 | 21.83 | 1 |
| | | 36 | 0 | 21.20 | 21.23 | 21.20 | 2 |
| | | 36 | 19 | 21.09 | 21.21 | 21.10 | 2 |
| | | 36 | 39 | 20.96 | 21.10 | 21.03 | 2 |
| | | 75 | 0 | 21.07 | 21.16 | 21.08 | 2 |

| LTE Conducted Power (Full) | | | | | | | |
|----------------------------|-----------|-----------------|----|--------|-------|--------|----------|
| LTE Band 7 | | | | | | | |
| BW | MCS Index | Channel | | 20800 | 21100 | 21400 | 3GPP MPR |
| | | Frequency (MHz) | | 2505 | 2535 | 2565 | |
| 10M | QPSK | 1 | 0 | 23.16 | 23.32 | 23.30 | 0 |
| | | 1 | 24 | 23.10 | 23.25 | 23.19 | 0 |
| | | 1 | 49 | 23.07 | 23.28 | 23.20 | 0 |
| | | 25 | 0 | 22.20 | 22.29 | 22.29 | 1 |
| | | 25 | 12 | 22.16 | 22.21 | 22.23 | 1 |
| | | 25 | 25 | 22.08 | 22.16 | 22.20 | 1 |
| | | 50 | 0 | 22.16 | 22.20 | 22.23 | 1 |
| 10M | 16QAM | 1 | 0 | 21.90 | 22.07 | 21.94 | 1 |
| | | 1 | 24 | 22.01 | 22.00 | 22.01 | 1 |
| | | 1 | 49 | 21.73 | 21.76 | 21.76 | 1 |
| | | 25 | 0 | 21.19 | 21.20 | 21.20 | 2 |
| | | 25 | 12 | 21.09 | 21.11 | 21.06 | 2 |
| | | 25 | 25 | 20.95 | 21.15 | 21.08 | 2 |
| | | 50 | 0 | 21.10 | 21.14 | 21.06 | 2 |
| BW | MCS Index | Channel | | 20775 | 21100 | 21425 | 3GPP MPR |
| | | Frequency (MHz) | | 2502.5 | 2535 | 2567.5 | |
| 5M | QPSK | 1 | 0 | 23.13 | 23.26 | 23.22 | 0 |
| | | 1 | 12 | 23.04 | 23.16 | 23.19 | 0 |
| | | 1 | 24 | 23.02 | 23.26 | 23.12 | 0 |
| | | 12 | 0 | 22.11 | 22.26 | 22.29 | 1 |
| | | 12 | 6 | 22.14 | 22.13 | 22.15 | 1 |
| | | 12 | 13 | 22.08 | 22.16 | 22.12 | 1 |
| | | 25 | 0 | 22.12 | 22.18 | 22.22 | 1 |
| 5M | 16QAM | 1 | 0 | 21.88 | 22.01 | 21.90 | 1 |
| | | 1 | 12 | 21.92 | 21.91 | 21.99 | 1 |
| | | 1 | 24 | 21.64 | 21.70 | 21.69 | 1 |
| | | 12 | 0 | 21.19 | 21.20 | 21.20 | 2 |
| | | 12 | 6 | 21.07 | 21.04 | 21.00 | 2 |
| | | 12 | 13 | 20.93 | 21.13 | 20.98 | 2 |
| | | 25 | 0 | 21.05 | 21.11 | 20.99 | 2 |

| LTE Conducted Power (Full) | | | | | | | |
|----------------------------|-----------|-----------------|-----------|-------|-------|-------|---------------|
| 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 | 22.26 | 22.13 | 22.37 | 0 |
| | | 1 | 24 | 22.24 | 22.10 | 22.34 | 0 |
| | | 1 | 49 | 22.20 | 22.07 | 22.31 | 0 |
| | | 25 | 0 | 21.13 | 21.00 | 21.23 | 1 |
| | | 25 | 12 | 21.05 | 20.91 | 21.21 | 1 |
| | | 25 | 25 | 21.07 | 20.99 | 21.19 | 1 |
| | | 50 | 0 | 21.11 | 21.07 | 21.14 | 1 |
| 10M | 16QAM | 1 | 0 | 20.96 | 20.88 | 21.02 | 1 |
| | | 1 | 24 | 20.86 | 20.79 | 20.91 | 1 |
| | | 1 | 49 | 20.83 | 20.74 | 20.87 | 1 |
| | | 25 | 0 | 20.32 | 20.24 | 20.39 | 2 |
| | | 25 | 12 | 20.20 | 20.08 | 20.29 | 2 |
| | | 25 | 25 | 20.08 | 20.01 | 20.16 | 2 |
| | | 50 | 0 | 20.21 | 20.13 | 20.21 | 2 |
| BW | MCS Index | Channel | | 23035 | 23095 | 23155 | 3GPP MPR |
| | | Frequency (MHz) | | 701.5 | 707.5 | 713.5 | |
| 5M | QPSK | 1 | 0 | 22.25 | 22.03 | 22.32 | 0 |
| | | 1 | 12 | 22.16 | 22.09 | 22.27 | 0 |
| | | 1 | 24 | 22.12 | 22.07 | 22.27 | 0 |
| | | 12 | 0 | 21.11 | 20.97 | 21.14 | 1 |
| | | 12 | 6 | 21.11 | 21.00 | 21.12 | 1 |
| | | 12 | 13 | 21.16 | 21.06 | 21.16 | 1 |
| | | 25 | 0 | 21.03 | 21.07 | 21.04 | 1 |
| 5M | 16QAM | 1 | 0 | 20.96 | 20.81 | 20.98 | 1 |
| | | 1 | 12 | 20.86 | 20.76 | 20.81 | 1 |
| | | 1 | 24 | 20.77 | 20.69 | 20.84 | 1 |
| | | 12 | 0 | 20.24 | 20.17 | 20.33 | 2 |
| | | 12 | 6 | 20.20 | 20.01 | 20.24 | 2 |
| | | 12 | 13 | 20.08 | 19.93 | 20.10 | 2 |
| | | 25 | 0 | 20.05 | 20.03 | 20.11 | 2 |

| LTE Conducted Power (Full) | | | | | | | |
|----------------------------|-----------|-----------------|----|-------|-------|-------|----------|
| LTE Band 12 | | | | | | | |
| BW | MCS Index | Channel | | 23025 | 23095 | 23165 | 3GPP MPR |
| | | Frequency (MHz) | | 700.5 | 707.5 | 714.5 | |
| 3M | QPSK | 1 | 0 | 22.16 | 22.02 | 22.27 | 0 |
| | | 1 | 7 | 22.14 | 22.03 | 22.26 | 0 |
| | | 1 | 14 | 22.11 | 22.03 | 22.20 | 0 |
| | | 8 | 0 | 21.05 | 20.93 | 21.07 | 1 |
| | | 8 | 3 | 21.06 | 20.98 | 21.10 | 1 |
| | | 8 | 7 | 21.10 | 20.97 | 21.16 | 1 |
| | | 15 | 0 | 20.99 | 20.99 | 20.95 | 1 |
| 3M | 16QAM | 1 | 0 | 20.93 | 20.76 | 20.91 | 1 |
| | | 1 | 7 | 20.80 | 20.75 | 20.77 | 1 |
| | | 1 | 14 | 20.70 | 20.69 | 20.78 | 1 |
| | | 8 | 0 | 20.21 | 20.15 | 20.25 | 2 |
| | | 8 | 3 | 20.18 | 19.99 | 20.24 | 2 |
| | | 8 | 7 | 20.05 | 19.93 | 20.08 | 2 |
| | | 15 | 0 | 20.02 | 19.94 | 20.06 | 2 |
| BW | MCS Index | Channel | | 23017 | 23095 | 23173 | 3GPP MPR |
| | | Frequency (MHz) | | 699.7 | 707.5 | 715.3 | |
| 1.4M | QPSK | 1 | 0 | 22.15 | 21.99 | 22.20 | 0 |
| | | 1 | 2 | 22.14 | 22.01 | 22.19 | 0 |
| | | 1 | 5 | 22.01 | 21.99 | 22.18 | 0 |
| | | 3 | 0 | 21.03 | 20.93 | 20.97 | 0 |
| | | 3 | 1 | 21.05 | 20.98 | 21.02 | 0 |
| | | 3 | 3 | 21.07 | 20.96 | 21.10 | 0 |
| | | 6 | 0 | 20.90 | 20.92 | 20.88 | 1 |
| 1.4M | 16QAM | 1 | 0 | 20.89 | 20.76 | 20.81 | 1 |
| | | 1 | 2 | 20.78 | 20.73 | 20.67 | 1 |
| | | 1 | 5 | 20.67 | 20.61 | 20.75 | 1 |
| | | 3 | 0 | 20.18 | 20.07 | 20.24 | 1 |
| | | 3 | 1 | 20.12 | 19.90 | 20.22 | 1 |
| | | 3 | 3 | 20.04 | 19.84 | 20.03 | 1 |
| | | 6 | 0 | 20.02 | 19.92 | 19.99 | 2 |

| LTE Conducted Power (Full) | | | | | | | |
|----------------------------|-----------|-----------------|-----------|-------|-------|-------|---------------|
| LTE Band 13 | | | | | | | |
| BW | MCS Index | RB Size | RB Offset | | Mid | | 3GPP MPR (dB) |
| | | Channel | | | 23230 | | |
| | | Frequency (MHz) | | | 782 | | |
| 10M | QPSK | 1 | 0 | | 22.95 | | 0 |
| | | 1 | 24 | | 22.92 | | 0 |
| | | 1 | 49 | | 22.82 | | 0 |
| | | 25 | 0 | | 21.83 | | 1 |
| | | 25 | 12 | | 21.75 | | 1 |
| | | 25 | 25 | | 21.65 | | 1 |
| | | 50 | 0 | | 21.73 | | 1 |
| 10M | 16QAM | 1 | 0 | | 21.64 | | 1 |
| | | 1 | 24 | | 21.61 | | 1 |
| | | 1 | 49 | | 21.58 | | 1 |
| | | 25 | 0 | | 20.83 | | 2 |
| | | 25 | 12 | | 20.80 | | 2 |
| | | 25 | 25 | | 20.73 | | 2 |
| | | 50 | 0 | | 20.76 | | 2 |
| BW | MCS Index | Channel | | 23205 | 23230 | 23255 | 3GPP MPR |
| | | Frequency (MHz) | | 779.5 | 782 | 784.5 | |
| 5M | QPSK | 1 | 0 | 22.77 | 22.86 | 22.87 | 0 |
| | | 1 | 12 | 22.75 | 22.90 | 22.80 | 0 |
| | | 1 | 24 | 22.75 | 22.76 | 22.79 | 0 |
| | | 12 | 0 | 21.69 | 21.75 | 21.79 | 1 |
| | | 12 | 6 | 21.62 | 21.69 | 21.57 | 1 |
| | | 12 | 13 | 21.50 | 21.63 | 21.51 | 1 |
| | | 25 | 0 | 21.56 | 21.72 | 21.70 | 1 |
| 5M | 16QAM | 1 | 0 | 21.51 | 21.55 | 21.63 | 1 |
| | | 1 | 12 | 21.48 | 21.58 | 21.54 | 1 |
| | | 1 | 24 | 21.44 | 21.53 | 21.49 | 1 |
| | | 12 | 0 | 20.60 | 20.82 | 20.77 | 2 |
| | | 12 | 6 | 20.64 | 20.73 | 20.69 | 2 |
| | | 12 | 13 | 20.59 | 20.65 | 20.62 | 2 |
| | | 25 | 0 | 20.61 | 20.69 | 20.65 | 2 |

| LTE Conducted Power (Full) | | | | | | | |
|----------------------------|-----------|-----------------|-----------|-------|-------|-------|---------------|
| LTE Band 14 | | | | | | | |
| BW | MCS Index | RB Size | RB Offset | | Mid | | 3GPP MPR (dB) |
| | | Channel | | | 23330 | | |
| | | Frequency (MHz) | | | 793 | | |
| 10M | QPSK | 1 | 0 | | 22.47 | | 0 |
| | | 1 | 24 | | 22.45 | | 0 |
| | | 1 | 49 | | 22.38 | | 0 |
| | | 25 | 0 | | 21.49 | | 1 |
| | | 25 | 12 | | 21.46 | | 1 |
| | | 25 | 25 | | 21.25 | | 1 |
| | | 50 | 0 | | 21.31 | | 1 |
| 10M | 16QAM | 1 | 0 | | 21.16 | | 1 |
| | | 1 | 24 | | 21.12 | | 1 |
| | | 1 | 49 | | 21.05 | | 1 |
| | | 25 | 0 | | 20.46 | | 2 |
| | | 25 | 12 | | 20.43 | | 2 |
| | | 25 | 25 | | 20.34 | | 2 |
| | | 50 | 0 | | 20.38 | | 2 |
| BW | MCS Index | Channel | | 23305 | 23330 | 23355 | 3GPP MPR |
| | | Frequency (MHz) | | 790.5 | 793 | 795.5 | |
| 5M | QPSK | 1 | 0 | 22.35 | 22.44 | 22.27 | 0 |
| | | 1 | 12 | 22.31 | 22.42 | 22.23 | 0 |
| | | 1 | 24 | 22.25 | 22.36 | 22.25 | 0 |
| | | 12 | 0 | 21.31 | 21.41 | 21.29 | 1 |
| | | 12 | 6 | 21.41 | 21.36 | 21.40 | 1 |
| | | 12 | 13 | 21.19 | 21.18 | 21.13 | 1 |
| | | 25 | 0 | 21.22 | 21.28 | 21.10 | 1 |
| 5M | 16QAM | 1 | 0 | 21.04 | 21.12 | 20.99 | 1 |
| | | 1 | 12 | 21.04 | 21.05 | 20.97 | 1 |
| | | 1 | 24 | 20.93 | 20.95 | 20.99 | 1 |
| | | 12 | 0 | 20.39 | 20.37 | 20.41 | 2 |
| | | 12 | 6 | 20.38 | 20.39 | 20.32 | 2 |
| | | 12 | 13 | 20.26 | 20.30 | 20.16 | 2 |
| | | 25 | 0 | 20.29 | 20.32 | 20.23 | 2 |

| LTE Conducted Power (Full) | | | | | | | |
|----------------------------|-----------|-----------------|-----------|-------|-------|-------|---------------|
| LTE Band 17 | | | | | | | |
| BW | MCS Index | RB Size | RB Offset | Low | Mid | High | 3GPP MPR (dB) |
| | | Channel | | 23780 | 23790 | 23800 | |
| | | Frequency (MHz) | | 709 | 710 | 711 | |
| 10M | QPSK | 1 | 0 | 22.77 | 22.68 | 22.72 | 0 |
| | | 1 | 24 | 22.62 | 22.47 | 22.54 | 0 |
| | | 1 | 49 | 22.55 | 22.45 | 22.47 | 0 |
| | | 25 | 0 | 21.76 | 21.70 | 21.73 | 1 |
| | | 25 | 12 | 21.72 | 21.67 | 21.68 | 1 |
| | | 25 | 25 | 21.68 | 21.55 | 21.62 | 1 |
| | | 50 | 0 | 21.66 | 21.49 | 21.58 | 1 |
| 10M | 16QAM | 1 | 0 | 21.53 | 21.43 | 21.44 | 1 |
| | | 1 | 24 | 21.49 | 21.47 | 21.48 | 1 |
| | | 1 | 49 | 21.42 | 21.26 | 21.32 | 1 |
| | | 25 | 0 | 20.74 | 20.58 | 20.66 | 2 |
| | | 25 | 12 | 20.71 | 20.67 | 20.69 | 2 |
| | | 25 | 25 | 20.64 | 20.57 | 20.60 | 2 |
| | | 50 | 0 | 20.69 | 20.58 | 20.63 | 2 |
| BW | MCS Index | Channel | | 23755 | 23790 | 23825 | 3GPP MPR |
| | | Frequency (MHz) | | 706.5 | 710 | 713.5 | |
| 5M | QPSK | 1 | 0 | 22.72 | 22.61 | 22.70 | 0 |
| | | 1 | 12 | 22.61 | 22.39 | 22.51 | 0 |
| | | 1 | 24 | 22.45 | 22.37 | 22.46 | 0 |
| | | 12 | 0 | 21.68 | 21.69 | 21.70 | 1 |
| | | 12 | 6 | 21.72 | 21.66 | 21.61 | 1 |
| | | 12 | 13 | 21.68 | 21.50 | 21.62 | 1 |
| | | 25 | 0 | 21.62 | 21.44 | 21.56 | 1 |
| 5M | 16QAM | 1 | 0 | 21.52 | 21.39 | 21.38 | 1 |
| | | 1 | 12 | 21.41 | 21.41 | 21.44 | 1 |
| | | 1 | 24 | 21.32 | 21.22 | 21.30 | 1 |
| | | 12 | 0 | 20.73 | 20.51 | 20.64 | 2 |
| | | 12 | 6 | 20.66 | 20.61 | 20.59 | 2 |
| | | 12 | 13 | 20.54 | 20.53 | 20.58 | 2 |
| | | 25 | 0 | 20.68 | 20.57 | 20.60 | 2 |

| LTE Conducted Power (Full) | | | | | | | |
|----------------------------|-----------|-----------------|-----------|--------|--------|--------|---------------|
| LTE Band 25 | | | | | | | |
| BW | MCS Index | RB Size | RB Offset | Low | Mid | High | 3GPP MPR (dB) |
| | | Channel | | 26140 | 26365 | 26590 | |
| | | Frequency (MHz) | | 1860 | 1882.5 | 1905 | |
| 20M | QPSK | 1 | 0 | 22.85 | 22.77 | 22.83 | 0 |
| | | 1 | 50 | 22.77 | 22.64 | 22.72 | 0 |
| | | 1 | 99 | 22.68 | 22.54 | 22.61 | 0 |
| | | 50 | 0 | 21.88 | 21.78 | 21.85 | 1 |
| | | 50 | 25 | 21.73 | 21.68 | 21.71 | 1 |
| | | 50 | 50 | 21.70 | 21.54 | 21.63 | 1 |
| | | 100 | 0 | 21.76 | 21.62 | 21.71 | 1 |
| 20M | 16QAM | 1 | 0 | 21.43 | 21.34 | 21.40 | 1 |
| | | 1 | 50 | 21.29 | 21.29 | 21.29 | 1 |
| | | 1 | 99 | 21.16 | 21.10 | 21.13 | 1 |
| | | 50 | 0 | 20.86 | 20.75 | 20.84 | 2 |
| | | 50 | 25 | 20.79 | 20.67 | 20.74 | 2 |
| | | 50 | 50 | 20.73 | 20.57 | 20.65 | 2 |
| | | 100 | 0 | 20.75 | 20.60 | 20.68 | 2 |
| BW | MCS Index | Channel | | 26115 | 26365 | 26615 | 3GPP MPR |
| | | Frequency (MHz) | | 1857.5 | 1882.5 | 1907.5 | |
| 15M | QPSK | 1 | 0 | 22.81 | 22.67 | 22.76 | 0 |
| | | 1 | 37 | 22.68 | 22.55 | 22.68 | 0 |
| | | 1 | 74 | 22.62 | 22.47 | 22.61 | 0 |
| | | 36 | 0 | 21.85 | 21.82 | 21.78 | 1 |
| | | 36 | 19 | 21.67 | 21.66 | 21.70 | 1 |
| | | 36 | 39 | 21.65 | 21.46 | 21.63 | 1 |
| | | 75 | 0 | 21.68 | 21.58 | 21.62 | 1 |
| 15M | 16QAM | 1 | 0 | 21.38 | 21.26 | 21.36 | 1 |
| | | 1 | 37 | 21.24 | 21.28 | 21.22 | 1 |
| | | 1 | 74 | 21.13 | 21.03 | 21.07 | 1 |
| | | 36 | 0 | 20.81 | 20.70 | 20.74 | 2 |
| | | 36 | 19 | 20.71 | 20.64 | 20.71 | 2 |
| | | 36 | 39 | 20.63 | 20.55 | 20.55 | 2 |
| | | 75 | 0 | 20.72 | 20.57 | 20.67 | 2 |

| LTE Conducted Power (Full) | | | | | | | |
|----------------------------|-----------|-----------------|----|--------|--------|--------|----------|
| LTE Band 25 | | | | | | | |
| BW | MCS Index | Channel | | 26090 | 26365 | 26640 | 3GPP MPR |
| | | Frequency (MHz) | | 1855 | 1882.5 | 1910 | |
| 10M | QPSK | 1 | 0 | 22.76 | 22.62 | 22.70 | 0 |
| | | 1 | 24 | 22.66 | 22.54 | 22.64 | 0 |
| | | 1 | 49 | 22.52 | 22.45 | 22.57 | 0 |
| | | 25 | 0 | 21.83 | 21.81 | 21.72 | 1 |
| | | 25 | 12 | 21.67 | 21.56 | 21.63 | 1 |
| | | 25 | 25 | 21.61 | 21.41 | 21.57 | 1 |
| | | 50 | 0 | 21.64 | 21.52 | 21.53 | 1 |
| 10M | 16QAM | 1 | 0 | 21.36 | 21.22 | 21.29 | 1 |
| | | 1 | 24 | 21.23 | 21.23 | 21.16 | 1 |
| | | 1 | 49 | 21.04 | 20.97 | 21.03 | 1 |
| | | 25 | 0 | 20.71 | 20.66 | 20.69 | 2 |
| | | 25 | 12 | 20.68 | 20.56 | 20.71 | 2 |
| | | 25 | 25 | 20.57 | 20.49 | 20.47 | 2 |
| | | 50 | 0 | 20.71 | 20.55 | 20.63 | 2 |
| BW | MCS Index | Channel | | 26065 | 26365 | 26665 | 3GPP MPR |
| | | Frequency (MHz) | | 1852.5 | 1882.5 | 1912.5 | |
| 5M | QPSK | 1 | 0 | 22.73 | 22.59 | 22.67 | 0 |
| | | 1 | 12 | 22.57 | 22.47 | 22.54 | 0 |
| | | 1 | 24 | 22.43 | 22.42 | 22.52 | 0 |
| | | 12 | 0 | 21.76 | 21.75 | 21.63 | 1 |
| | | 12 | 6 | 21.66 | 21.53 | 21.59 | 1 |
| | | 12 | 13 | 21.58 | 21.34 | 21.51 | 1 |
| | | 25 | 0 | 21.54 | 21.52 | 21.48 | 1 |
| 5M | 16QAM | 1 | 0 | 21.33 | 21.15 | 21.29 | 1 |
| | | 1 | 12 | 21.20 | 21.15 | 21.16 | 1 |
| | | 1 | 24 | 21.00 | 20.90 | 20.93 | 1 |
| | | 12 | 0 | 20.70 | 20.63 | 20.64 | 2 |
| | | 12 | 6 | 20.66 | 20.48 | 20.69 | 2 |
| | | 12 | 13 | 20.56 | 20.45 | 20.37 | 2 |
| | | 25 | 0 | 20.62 | 20.54 | 20.57 | 2 |

| LTE Conducted Power (Full) | | | | | | | |
|----------------------------|-----------|-----------------|----|--------|--------|--------|----------|
| LTE Band 25 | | | | | | | |
| BW | MCS Index | Channel | | 26055 | 26365 | 26675 | 3GPP MPR |
| | | Frequency (MHz) | | 1851.5 | 1882.5 | 1913.5 | |
| 3M | QPSK | 1 | 0 | 22.70 | 22.58 | 22.66 | 0 |
| | | 1 | 7 | 22.48 | 22.38 | 22.51 | 0 |
| | | 1 | 14 | 22.34 | 22.36 | 22.45 | 0 |
| | | 8 | 0 | 21.66 | 21.74 | 21.57 | 1 |
| | | 8 | 3 | 21.58 | 21.44 | 21.50 | 1 |
| | | 8 | 7 | 21.57 | 21.26 | 21.45 | 1 |
| | | 15 | 0 | 21.44 | 21.46 | 21.40 | 1 |
| 3M | 16QAM | 1 | 0 | 21.23 | 21.09 | 21.27 | 1 |
| | | 1 | 7 | 21.17 | 21.11 | 21.07 | 1 |
| | | 1 | 14 | 20.93 | 20.89 | 20.93 | 1 |
| | | 8 | 0 | 20.64 | 20.63 | 20.59 | 2 |
| | | 8 | 3 | 20.66 | 20.46 | 20.63 | 2 |
| | | 8 | 7 | 20.54 | 20.37 | 20.32 | 2 |
| | | 15 | 0 | 20.62 | 20.44 | 20.52 | 2 |
| BW | MCS Index | Channel | | 26047 | 26365 | 26683 | 3GPP MPR |
| | | Frequency (MHz) | | 1850.7 | 1882.5 | 1914.3 | |
| 1.4M | QPSK | 1 | 0 | 22.61 | 22.51 | 22.61 | 0 |
| | | 1 | 2 | 22.41 | 22.31 | 22.43 | 0 |
| | | 1 | 5 | 22.28 | 22.36 | 22.35 | 0 |
| | | 3 | 0 | 21.57 | 21.72 | 21.47 | 0 |
| | | 3 | 1 | 21.57 | 21.40 | 21.45 | 0 |
| | | 3 | 3 | 21.55 | 21.22 | 21.42 | 0 |
| | | 6 | 0 | 21.44 | 21.40 | 21.38 | 1 |
| 1.4M | 16QAM | 1 | 0 | 21.21 | 21.05 | 21.23 | 1 |
| | | 1 | 2 | 21.13 | 21.07 | 20.98 | 1 |
| | | 1 | 5 | 20.83 | 20.84 | 20.87 | 1 |
| | | 3 | 0 | 20.56 | 20.60 | 20.51 | 1 |
| | | 3 | 1 | 20.65 | 20.36 | 20.59 | 1 |
| | | 3 | 3 | 20.44 | 20.37 | 20.32 | 1 |
| | | 6 | 0 | 20.58 | 20.44 | 20.50 | 2 |

| LTE Conducted Power (Full) | | | | | | | |
|----------------------------|-----------|-----------------|-----------|-------|-------|-------|---------------|
| LTE Band 26 | | | | | | | |
| BW | MCS Index | RB Size | RB Offset | Low | Mid | High | 3GPP MPR (dB) |
| | | Channel | | 26765 | 26865 | 26965 | |
| | | Frequency (MHz) | | 821.5 | 831.5 | 841.5 | |
| 15M | QPSK | 1 | 0 | 22.65 | 22.77 | 22.86 | 0 |
| | | 1 | 37 | 22.63 | 22.73 | 22.83 | 0 |
| | | 1 | 74 | 22.58 | 22.69 | 22.78 | 0 |
| | | 36 | 0 | 21.63 | 21.66 | 21.73 | 1 |
| | | 36 | 19 | 21.63 | 21.66 | 21.69 | 1 |
| | | 36 | 39 | 21.48 | 21.55 | 21.62 | 1 |
| | | 75 | 0 | 21.52 | 21.58 | 21.67 | 1 |
| 15M | 16QAM | 1 | 0 | 21.31 | 21.34 | 21.35 | 1 |
| | | 1 | 37 | 21.37 | 21.47 | 21.55 | 1 |
| | | 1 | 74 | 21.28 | 21.32 | 21.34 | 1 |
| | | 36 | 0 | 20.65 | 20.65 | 20.66 | 2 |
| | | 36 | 19 | 20.59 | 20.67 | 20.77 | 2 |
| | | 36 | 39 | 20.56 | 20.64 | 20.71 | 2 |
| | | 75 | 0 | 20.49 | 20.58 | 20.68 | 2 |
| BW | MCS Index | Channel | | 26740 | 26865 | 26990 | 3GPP MPR |
| | | Frequency (MHz) | | 819 | 831.5 | 844 | |
| 10M | QPSK | 1 | 0 | 22.61 | 22.67 | 22.83 | 0 |
| | | 1 | 24 | 22.62 | 22.66 | 22.81 | 0 |
| | | 1 | 49 | 22.60 | 22.66 | 22.78 | 0 |
| | | 25 | 0 | 21.55 | 21.65 | 21.63 | 1 |
| | | 25 | 12 | 21.58 | 21.56 | 21.63 | 1 |
| | | 25 | 25 | 21.48 | 21.51 | 21.58 | 1 |
| | | 50 | 0 | 21.49 | 21.49 | 21.62 | 1 |
| 10M | 16QAM | 1 | 0 | 21.27 | 21.27 | 21.26 | 1 |
| | | 1 | 24 | 21.36 | 21.38 | 21.51 | 1 |
| | | 1 | 49 | 21.28 | 21.31 | 21.29 | 1 |
| | | 25 | 0 | 20.62 | 20.58 | 20.59 | 2 |
| | | 25 | 12 | 20.51 | 20.66 | 20.70 | 2 |
| | | 25 | 25 | 20.56 | 20.57 | 20.62 | 2 |
| | | 50 | 0 | 20.40 | 20.58 | 20.61 | 2 |

| LTE Conducted Power (Full) | | | | | | | |
|----------------------------|-----------|-----------------|----|-------|-------|-------|----------|
| LTE Band 26 | | | | | | | |
| BW | MCS Index | Channel | | 26715 | 26865 | 27015 | 3GPP MPR |
| | | Frequency (MHz) | | 816.5 | 831.5 | 846.5 | |
| 5M | QPSK | 1 | 0 | 22.60 | 22.74 | 22.79 | 0 |
| | | 1 | 12 | 22.60 | 22.73 | 22.73 | 0 |
| | | 1 | 24 | 22.63 | 22.61 | 22.71 | 0 |
| | | 12 | 0 | 21.59 | 21.60 | 21.63 | 1 |
| | | 12 | 6 | 21.59 | 21.66 | 21.60 | 1 |
| | | 12 | 13 | 21.41 | 21.52 | 21.52 | 1 |
| | | 25 | 0 | 21.44 | 21.58 | 21.61 | 1 |
| 5M | 16QAM | 1 | 0 | 21.28 | 21.34 | 21.26 | 1 |
| | | 1 | 12 | 21.33 | 21.40 | 21.52 | 1 |
| | | 1 | 24 | 21.20 | 21.29 | 21.29 | 1 |
| | | 12 | 0 | 20.62 | 20.56 | 20.58 | 2 |
| | | 12 | 6 | 20.57 | 20.57 | 20.70 | 2 |
| | | 12 | 13 | 20.53 | 20.62 | 20.71 | 2 |
| | | 25 | 0 | 20.49 | 20.50 | 20.67 | 2 |
| BW | MCS Index | Channel | | 26705 | 26865 | 27025 | 3GPP MPR |
| | | Frequency (MHz) | | 815.5 | 831.5 | 847.5 | |
| 3M | QPSK | 1 | 0 | 22.55 | 22.70 | 22.74 | 0 |
| | | 1 | 7 | 22.54 | 22.65 | 22.72 | 0 |
| | | 1 | 14 | 22.57 | 22.59 | 22.67 | 0 |
| | | 8 | 0 | 21.52 | 21.56 | 21.58 | 1 |
| | | 8 | 3 | 21.59 | 21.62 | 21.51 | 1 |
| | | 8 | 7 | 21.37 | 21.47 | 21.48 | 1 |
| | | 15 | 0 | 21.44 | 21.57 | 21.61 | 1 |
| 3M | 16QAM | 1 | 0 | 21.24 | 21.26 | 21.17 | 1 |
| | | 1 | 7 | 21.30 | 21.39 | 21.51 | 1 |
| | | 1 | 14 | 21.16 | 21.23 | 21.23 | 1 |
| | | 8 | 0 | 20.53 | 20.51 | 20.58 | 2 |
| | | 8 | 3 | 20.56 | 20.51 | 20.70 | 2 |
| | | 8 | 7 | 20.48 | 20.59 | 20.63 | 2 |
| | | 15 | 0 | 20.45 | 20.48 | 20.61 | 2 |

| LTE Conducted Power (Full) | | | | | | | |
|----------------------------|-----------|-----------------|---|-------|-------|-------|----------|
| LTE Band 26 | | | | | | | |
| BW | MCS Index | Channel | | 26697 | 26865 | 27033 | 3GPP MPR |
| | | Frequency (MHz) | | 814.7 | 831.5 | 848.3 | |
| 1.4M | QPSK | 1 | 0 | 22.51 | 22.65 | 22.70 | 0 |
| | | 1 | 2 | 22.50 | 22.65 | 22.67 | 0 |
| | | 1 | 5 | 22.53 | 22.55 | 22.64 | 0 |
| | | 3 | 0 | 21.53 | 21.56 | 21.63 | 0 |
| | | 3 | 1 | 21.55 | 21.58 | 21.56 | 0 |
| | | 3 | 3 | 21.35 | 21.43 | 21.49 | 0 |
| | | 6 | 0 | 21.34 | 21.53 | 21.56 | 1 |
| 1.4M | 16QAM | 1 | 0 | 21.27 | 21.25 | 21.20 | 1 |
| | | 1 | 2 | 21.25 | 21.37 | 21.48 | 1 |
| | | 1 | 5 | 21.10 | 21.26 | 21.25 | 1 |
| | | 3 | 0 | 20.53 | 20.46 | 20.51 | 1 |
| | | 3 | 1 | 20.48 | 20.51 | 20.61 | 1 |
| | | 3 | 3 | 20.48 | 20.53 | 20.61 | 1 |
| | | 6 | 0 | 20.40 | 20.50 | 20.57 | 2 |

| LTE Conducted Power (Full) | | | | | | | | | |
|----------------------------|-----------|-----------------|-----------|--------|--------|-------|--------|--------|---------------|
| LTE Band 41 | | | | | | | | | |
| BW | MCS Index | RB Size | RB Offset | Low | Mid | Mid | Mid | High | 3GPP MPR (dB) |
| | | Channel | | 39750 | 40185 | 40620 | 41055 | 41490 | |
| | | Frequency (MHz) | | 2506 | 2549.5 | 2593 | 2636.5 | 2680 | |
| 20M | QPSK | 1 | 0 | 21.87 | 21.82 | 21.77 | 21.85 | 22.48 | 0 |
| | | 1 | 50 | 21.83 | 21.76 | 21.68 | 21.81 | 22.39 | 0 |
| | | 1 | 99 | 21.60 | 21.52 | 21.51 | 21.53 | 22.14 | 0 |
| | | 50 | 0 | 20.86 | 20.75 | 20.71 | 20.85 | 21.41 | 1 |
| | | 50 | 25 | 20.71 | 20.67 | 20.63 | 20.69 | 21.28 | 1 |
| | | 50 | 50 | 20.70 | 20.58 | 20.48 | 20.66 | 21.23 | 1 |
| | | 100 | 0 | 20.70 | 20.59 | 20.56 | 20.60 | 21.20 | 1 |
| 20M | 16QAM | 1 | 0 | 21.00 | 20.77 | 20.82 | 20.84 | 21.17 | 1 |
| | | 1 | 50 | 20.86 | 20.74 | 20.66 | 20.74 | 20.90 | 1 |
| | | 1 | 99 | 20.57 | 20.51 | 20.44 | 20.50 | 20.84 | 1 |
| | | 50 | 0 | 19.88 | 19.77 | 19.74 | 19.78 | 20.26 | 2 |
| | | 50 | 25 | 19.77 | 19.66 | 19.59 | 19.69 | 20.23 | 2 |
| | | 50 | 50 | 19.71 | 19.63 | 19.56 | 19.66 | 20.12 | 2 |
| | | 100 | 0 | 19.72 | 19.61 | 19.53 | 19.68 | 20.21 | 2 |
| BW | MCS Index | Channel | | 39725 | 40173 | 40620 | 41068 | 41515 | 3GPP MPR |
| | | Frequency (MHz) | | 2503.5 | 2548.3 | 2593 | 2637.8 | 2682.5 | |
| 15M | QPSK | 1 | 0 | 21.84 | 21.78 | 21.74 | 21.82 | 22.44 | 0 |
| | | 1 | 37 | 21.79 | 21.70 | 21.67 | 21.81 | 22.34 | 0 |
| | | 1 | 74 | 21.55 | 21.52 | 21.51 | 21.49 | 22.06 | 0 |
| | | 36 | 0 | 20.78 | 20.66 | 20.69 | 20.82 | 21.32 | 1 |
| | | 36 | 19 | 20.71 | 20.67 | 20.56 | 20.64 | 21.27 | 1 |
| | | 36 | 39 | 20.70 | 20.55 | 20.45 | 20.61 | 21.20 | 1 |
| | | 75 | 0 | 20.69 | 20.53 | 20.52 | 20.51 | 21.17 | 1 |
| 15M | 16QAM | 1 | 0 | 20.77 | 20.73 | 20.77 | 20.82 | 21.43 | 1 |
| | | 1 | 37 | 20.81 | 20.71 | 20.68 | 20.79 | 21.30 | 1 |
| | | 1 | 74 | 20.57 | 20.43 | 20.51 | 20.43 | 21.04 | 1 |
| | | 36 | 0 | 19.82 | 19.75 | 19.63 | 19.75 | 20.37 | 2 |
| | | 36 | 19 | 19.65 | 19.57 | 19.60 | 19.64 | 20.23 | 2 |
| | | 36 | 39 | 19.62 | 19.48 | 19.43 | 19.59 | 20.16 | 2 |
| | | 75 | 0 | 19.64 | 19.49 | 19.50 | 19.61 | 20.17 | 2 |

LTE Conducted Power (Full)

LTE Band 41

| BW | MCS Index | Channel | | 39700 | 40160 | 40620 | 41080 | 41540 | 3GPP MPR |
|-----|-----------|-----------------|----|-------|-------|-------|-------|-------|----------|
| | | Frequency (MHz) | | 2501 | 2547 | 2593 | 2639 | 2685 | |
| 10M | QPSK | 1 | 0 | 21.81 | 21.70 | 21.70 | 21.77 | 22.40 | 0 |
| | | 1 | 24 | 21.72 | 21.60 | 21.64 | 21.76 | 22.27 | 0 |
| | | 1 | 49 | 21.53 | 21.51 | 21.49 | 21.44 | 21.99 | 0 |
| | | 25 | 0 | 20.69 | 20.56 | 20.65 | 20.77 | 21.28 | 1 |
| | | 25 | 12 | 20.70 | 20.58 | 20.56 | 20.54 | 21.27 | 1 |
| | | 25 | 25 | 20.68 | 20.48 | 20.43 | 20.53 | 21.19 | 1 |
| 10M | 16QAM | 50 | 0 | 20.62 | 20.45 | 20.49 | 20.50 | 21.09 | 1 |
| | | 1 | 0 | 20.80 | 20.72 | 20.68 | 20.74 | 21.41 | 1 |
| | | 1 | 24 | 20.72 | 20.66 | 20.58 | 20.75 | 21.33 | 1 |
| | | 1 | 49 | 20.49 | 20.42 | 20.50 | 20.40 | 20.96 | 1 |
| | | 25 | 0 | 19.74 | 19.59 | 19.62 | 19.81 | 20.26 | 2 |
| | | 25 | 12 | 19.65 | 19.57 | 19.52 | 19.59 | 20.19 | 2 |
| 5M | QPSK | 25 | 25 | 19.66 | 19.46 | 19.35 | 19.59 | 20.16 | 2 |
| | | 50 | 0 | 19.68 | 19.47 | 19.43 | 19.49 | 20.17 | 2 |
| | | 1 | 0 | 21.78 | 21.65 | 21.60 | 21.67 | 22.32 | 0 |
| | | 1 | 12 | 21.62 | 21.50 | 21.59 | 21.67 | 22.26 | 0 |
| | | 1 | 24 | 21.49 | 21.50 | 21.45 | 21.42 | 21.90 | 0 |
| | | 12 | 0 | 20.69 | 20.50 | 20.56 | 20.69 | 21.28 | 1 |
| 5M | 16QAM | 12 | 6 | 20.68 | 20.55 | 20.52 | 20.50 | 21.21 | 1 |
| | | 12 | 13 | 20.58 | 20.39 | 20.33 | 20.53 | 21.09 | 1 |
| | | 25 | 0 | 20.61 | 20.36 | 20.48 | 20.47 | 21.09 | 1 |
| | | 1 | 0 | 20.77 | 20.60 | 20.63 | 20.69 | 21.30 | 1 |
| | | 1 | 12 | 20.67 | 20.58 | 20.54 | 20.70 | 21.20 | 1 |
| | | 1 | 24 | 20.52 | 20.49 | 20.45 | 20.39 | 20.90 | 1 |
| 5M | 16QAM | 12 | 0 | 19.69 | 19.56 | 19.57 | 19.76 | 20.18 | 2 |
| | | 12 | 6 | 19.61 | 19.50 | 19.50 | 19.44 | 20.27 | 2 |
| | | 12 | 13 | 19.55 | 19.44 | 19.35 | 19.41 | 20.10 | 2 |
| | | 25 | 0 | 19.56 | 19.46 | 19.40 | 19.45 | 20.16 | 2 |

| LTE Conducted Power (Full) | | | | | | | |
|----------------------------|-----------|-----------------|-----------|--------|--------|--------|---------------|
| 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 | 22.33 | 22.46 | 22.38 | 0 |
| | | 1 | 50 | 22.30 | 22.44 | 22.35 | 0 |
| | | 1 | 99 | 22.29 | 22.38 | 22.31 | 0 |
| | | 50 | 0 | 21.41 | 21.47 | 21.43 | 1 |
| | | 50 | 25 | 21.27 | 21.43 | 21.33 | 1 |
| | | 50 | 50 | 21.27 | 21.40 | 21.33 | 1 |
| | | 100 | 0 | 21.26 | 21.37 | 21.31 | 1 |
| 20M | 16QAM | 1 | 0 | 20.94 | 21.06 | 20.99 | 1 |
| | | 1 | 50 | 20.88 | 21.03 | 20.93 | 1 |
| | | 1 | 99 | 20.89 | 20.96 | 20.92 | 1 |
| | | 50 | 0 | 20.48 | 20.48 | 20.48 | 2 |
| | | 50 | 25 | 20.28 | 20.43 | 20.38 | 2 |
| | | 50 | 50 | 20.36 | 20.38 | 20.37 | 2 |
| | | 100 | 0 | 20.29 | 20.40 | 20.38 | 2 |
| BW | MCS Index | Channel | | 132047 | 132322 | 132597 | 3GPP MPR |
| | | Frequency (MHz) | | 1717.5 | 1745 | 1772.5 | |
| 15M | QPSK | 1 | 0 | 22.28 | 22.43 | 22.36 | 0 |
| | | 1 | 37 | 22.21 | 22.36 | 22.31 | 0 |
| | | 1 | 74 | 22.26 | 22.29 | 22.26 | 0 |
| | | 36 | 0 | 21.35 | 21.47 | 21.36 | 1 |
| | | 36 | 19 | 21.26 | 21.39 | 21.24 | 1 |
| | | 36 | 39 | 21.22 | 21.30 | 21.26 | 1 |
| | | 75 | 0 | 21.20 | 21.30 | 21.28 | 1 |
| 15M | 16QAM | 1 | 0 | 20.88 | 21.04 | 20.99 | 1 |
| | | 1 | 37 | 20.87 | 20.99 | 20.83 | 1 |
| | | 1 | 74 | 20.80 | 20.90 | 20.84 | 1 |
| | | 36 | 0 | 20.41 | 20.38 | 20.38 | 2 |
| | | 36 | 19 | 20.20 | 20.40 | 20.36 | 2 |
| | | 36 | 39 | 20.27 | 20.31 | 20.36 | 2 |
| | | 75 | 0 | 20.28 | 20.36 | 20.30 | 2 |

| LTE Conducted Power (Full) | | | | | | | |
|----------------------------|-----------|-----------------|----|--------|--------|--------|----------|
| LTE Band 66 | | | | | | | |
| BW | MCS Index | Channel | | 132022 | 132322 | 132622 | 3GPP MPR |
| | | Frequency (MHz) | | 1715 | 1745 | 1775 | |
| 10M | QPSK | 1 | 0 | 22.27 | 22.38 | 22.33 | 0 |
| | | 1 | 24 | 22.25 | 22.35 | 22.30 | 0 |
| | | 1 | 49 | 22.29 | 22.33 | 22.28 | 0 |
| | | 25 | 0 | 21.39 | 21.47 | 21.40 | 1 |
| | | 25 | 12 | 21.26 | 21.39 | 21.32 | 1 |
| | | 25 | 25 | 21.27 | 21.32 | 21.26 | 1 |
| | | 50 | 0 | 21.17 | 21.27 | 21.22 | 1 |
| 10M | 16QAM | 1 | 0 | 20.88 | 21.03 | 20.91 | 1 |
| | | 1 | 24 | 20.79 | 20.97 | 20.91 | 1 |
| | | 1 | 49 | 20.89 | 20.90 | 20.83 | 1 |
| | | 25 | 0 | 20.42 | 20.38 | 20.44 | 2 |
| | | 25 | 12 | 20.21 | 20.43 | 20.38 | 2 |
| | | 25 | 25 | 20.30 | 20.28 | 20.30 | 2 |
| | | 50 | 0 | 20.26 | 20.38 | 20.32 | 2 |
| BW | MCS Index | Channel | | 131997 | 132322 | 132647 | 3GPP MPR |
| | | Frequency (MHz) | | 1712.5 | 1745 | 1777.5 | |
| 5M | QPSK | 1 | 0 | 22.26 | 22.33 | 22.29 | 0 |
| | | 1 | 12 | 22.24 | 22.27 | 22.24 | 0 |
| | | 1 | 24 | 22.19 | 22.25 | 22.22 | 0 |
| | | 12 | 0 | 21.34 | 21.41 | 21.33 | 1 |
| | | 12 | 6 | 21.23 | 21.34 | 21.22 | 1 |
| | | 12 | 13 | 21.18 | 21.31 | 21.23 | 1 |
| | | 25 | 0 | 21.16 | 21.22 | 21.15 | 1 |
| 5M | 16QAM | 1 | 0 | 20.85 | 20.93 | 20.86 | 1 |
| | | 1 | 12 | 20.79 | 20.93 | 20.85 | 1 |
| | | 1 | 24 | 20.81 | 20.82 | 20.79 | 1 |
| | | 12 | 0 | 20.38 | 20.31 | 20.37 | 2 |
| | | 12 | 6 | 20.17 | 20.37 | 20.31 | 2 |
| | | 12 | 13 | 20.21 | 20.20 | 20.26 | 2 |
| | | 25 | 0 | 20.20 | 20.37 | 20.26 | 2 |

| LTE Conducted Power (Full) | | | | | | | |
|----------------------------|-----------|-----------------|----|--------|--------|--------|----------|
| LTE Band 66 | | | | | | | |
| BW | MCS Index | Channel | | 131987 | 132322 | 132657 | 3GPP MPR |
| | | Frequency (MHz) | | 1711.5 | 1745 | 1778.5 | |
| 3M | QPSK | 1 | 0 | 22.24 | 22.29 | 22.27 | 0 |
| | | 1 | 7 | 22.19 | 22.27 | 22.20 | 0 |
| | | 1 | 14 | 22.09 | 22.16 | 22.15 | 0 |
| | | 8 | 0 | 21.30 | 21.40 | 21.24 | 1 |
| | | 8 | 3 | 21.19 | 21.33 | 21.15 | 1 |
| | | 8 | 7 | 21.14 | 21.28 | 21.15 | 1 |
| | | 15 | 0 | 21.09 | 21.12 | 21.08 | 1 |
| 3M | 16QAM | 1 | 0 | 20.79 | 20.86 | 20.82 | 1 |
| | | 1 | 7 | 20.73 | 20.90 | 20.81 | 1 |
| | | 1 | 14 | 20.79 | 20.75 | 20.75 | 1 |
| | | 8 | 0 | 20.34 | 20.30 | 20.33 | 2 |
| | | 8 | 3 | 20.09 | 20.37 | 20.22 | 2 |
| | | 8 | 7 | 20.15 | 20.20 | 20.22 | 2 |
| | | 15 | 0 | 20.19 | 20.33 | 20.22 | 2 |
| BW | MCS Index | Channel | | 131979 | 132322 | 132665 | 3GPP MPR |
| | | Frequency (MHz) | | 1710.7 | 1745 | 1779.3 | |
| 1.4M | QPSK | 1 | 0 | 22.19 | 22.30 | 22.20 | 0 |
| | | 1 | 2 | 22.15 | 22.17 | 22.18 | 0 |
| | | 1 | 5 | 22.11 | 22.21 | 22.16 | 0 |
| | | 3 | 0 | 21.34 | 21.41 | 21.27 | 0 |
| | | 3 | 1 | 21.15 | 21.28 | 21.19 | 0 |
| | | 3 | 3 | 21.18 | 21.29 | 21.18 | 0 |
| | | 6 | 0 | 21.07 | 21.22 | 21.09 | 1 |
| 1.4M | 16QAM | 1 | 0 | 20.85 | 20.83 | 20.80 | 1 |
| | | 1 | 2 | 20.74 | 20.86 | 20.75 | 1 |
| | | 1 | 5 | 20.72 | 20.81 | 20.75 | 1 |
| | | 3 | 0 | 20.31 | 20.28 | 20.34 | 1 |
| | | 3 | 1 | 20.12 | 20.30 | 20.24 | 1 |
| | | 3 | 3 | 20.16 | 20.11 | 20.19 | 1 |
| | | 6 | 0 | 20.12 | 20.28 | 20.18 | 2 |

| LTE Conducted Power (Full) | | | | | | | |
|----------------------------|-----------|-----------------|-----------|--------|--------|--------|---------------|
| LTE Band 71 | | | | | | | |
| BW | MCS Index | RB Size | RB Offset | Low | Mid | High | 3GPP MPR (dB) |
| | | Channel | | 133222 | 133297 | 133372 | |
| | | Frequency (MHz) | | 673 | 680.5 | 688 | |
| 20M | QPSK | 1 | 0 | 23.38 | 23.28 | 23.46 | 0 |
| | | 1 | 50 | 23.33 | 23.24 | 23.42 | 0 |
| | | 1 | 99 | 23.30 | 23.18 | 23.38 | 0 |
| | | 50 | 0 | 22.40 | 22.36 | 22.46 | 1 |
| | | 50 | 25 | 22.32 | 22.22 | 22.40 | 1 |
| | | 50 | 50 | 22.25 | 22.22 | 22.33 | 1 |
| | | 100 | 0 | 22.40 | 22.40 | 22.44 | 1 |
| 20M | 16QAM | 1 | 0 | 22.14 | 22.04 | 22.23 | 1 |
| | | 1 | 50 | 22.29 | 22.19 | 22.37 | 1 |
| | | 1 | 99 | 22.10 | 22.07 | 22.13 | 1 |
| | | 50 | 0 | 21.41 | 21.32 | 21.48 | 2 |
| | | 50 | 25 | 21.34 | 21.28 | 21.43 | 2 |
| | | 50 | 50 | 21.30 | 21.26 | 21.41 | 2 |
| | | 100 | 0 | 21.35 | 21.32 | 21.45 | 2 |
| BW | MCS Index | Channel | | 133197 | 133297 | 133397 | 3GPP MPR |
| | | Frequency (MHz) | | 670.5 | 680.5 | 690.5 | |
| 15M | QPSK | 1 | 0 | 23.38 | 23.32 | 23.43 | 0 |
| | | 1 | 37 | 23.31 | 23.24 | 23.38 | 0 |
| | | 1 | 74 | 23.20 | 23.10 | 23.29 | 0 |
| | | 36 | 0 | 22.39 | 22.30 | 22.41 | 1 |
| | | 36 | 19 | 22.29 | 22.22 | 22.39 | 1 |
| | | 36 | 39 | 22.21 | 22.18 | 22.28 | 1 |
| | | 75 | 0 | 22.31 | 22.37 | 22.38 | 1 |
| 15M | 16QAM | 1 | 0 | 22.06 | 21.96 | 22.13 | 1 |
| | | 1 | 37 | 22.20 | 22.11 | 22.27 | 1 |
| | | 1 | 74 | 22.01 | 21.97 | 22.12 | 1 |
| | | 36 | 0 | 21.31 | 21.29 | 21.43 | 2 |
| | | 36 | 19 | 21.33 | 21.21 | 21.36 | 2 |
| | | 36 | 39 | 21.20 | 21.17 | 21.38 | 2 |
| | | 75 | 0 | 21.30 | 21.27 | 21.43 | 2 |

| LTE Conducted Power (Full) | | | | | | | |
|----------------------------|-----------|-----------------|----|--------|--------|--------|----------|
| LTE Band 71 | | | | | | | |
| BW | MCS Index | Channel | | 133172 | 133297 | 133422 | 3GPP MPR |
| | | Frequency (MHz) | | 668 | 680.5 | 693 | |
| 10M | QPSK | 1 | 0 | 23.35 | 23.26 | 23.38 | 0 |
| | | 1 | 24 | 23.33 | 23.24 | 23.36 | 0 |
| | | 1 | 49 | 23.26 | 23.15 | 23.29 | 0 |
| | | 25 | 0 | 22.34 | 22.33 | 22.44 | 1 |
| | | 25 | 12 | 22.31 | 22.18 | 22.30 | 1 |
| | | 25 | 25 | 22.24 | 22.13 | 22.24 | 1 |
| | | 50 | 0 | 22.33 | 22.35 | 22.40 | 1 |
| 10M | 16QAM | 1 | 0 | 22.06 | 22.03 | 22.17 | 1 |
| | | 1 | 24 | 22.19 | 22.15 | 22.30 | 1 |
| | | 1 | 49 | 22.01 | 22.01 | 22.07 | 1 |
| | | 25 | 0 | 21.31 | 21.23 | 21.42 | 2 |
| | | 25 | 12 | 21.27 | 21.25 | 21.39 | 2 |
| | | 25 | 25 | 21.29 | 21.26 | 21.39 | 2 |
| | | 50 | 0 | 21.33 | 21.31 | 21.37 | 2 |
| BW | MCS Index | Channel | | 133147 | 133297 | 133447 | 3GPP MPR |
| | | Frequency (MHz) | | 665.5 | 680.5 | 695.5 | |
| 5M | QPSK | 1 | 0 | 23.30 | 23.22 | 23.36 | 0 |
| | | 1 | 12 | 23.30 | 23.19 | 23.26 | 0 |
| | | 1 | 24 | 23.22 | 23.14 | 23.29 | 0 |
| | | 12 | 0 | 22.27 | 22.31 | 22.44 | 1 |
| | | 12 | 6 | 22.29 | 22.09 | 22.23 | 1 |
| | | 12 | 13 | 22.19 | 22.03 | 22.19 | 1 |
| | | 25 | 0 | 22.31 | 22.33 | 22.36 | 1 |
| 5M | 16QAM | 1 | 0 | 22.05 | 22.00 | 22.13 | 1 |
| | | 1 | 12 | 22.17 | 22.15 | 22.22 | 1 |
| | | 1 | 24 | 21.93 | 21.94 | 21.98 | 1 |
| | | 12 | 0 | 21.23 | 21.21 | 21.38 | 2 |
| | | 12 | 6 | 21.26 | 21.26 | 21.37 | 2 |
| | | 12 | 13 | 21.23 | 21.21 | 21.29 | 2 |
| | | 25 | 0 | 21.26 | 21.24 | 21.34 | 2 |



| Conducted Power (Full) | | | |
|------------------------|---------|-----------|--------------------------|
| WLAN2.4GHz Ant 0 | | | |
| Mode | Channel | Frequency | SISO Ant 0 Avg. Power |
| 802.11b | 1 | 2412 | 15.28 |
| | 6 | 2437 | 15.69 |
| | 11 | 2462 | 15.23 |
| 802.11g | 1 | 2412 | 15.07 |
| | 6 | 2437 | 15.22 |
| | 11 | 2462 | 13.62 |
| 802.11n HT20 | 1 | 2412 | 13.68 |
| | 6 | 2437 | 13.6 |
| | 11 | 2462 | 12.81 |



| Conducted Power (Full) | | | |
|------------------------|---------|-----------|-----------------------|
| Bluetooth Ant 0 | | | |
| Mode | Channel | Frequency | SISO Ant 0 Avg. Power |
| BR / EDR | 0 | 2402 | 9.99 |
| | 39 | 2441 | 10.01 |
| | 78 | 2480 | 9.98 |
| LE | 0 | 2402 | 2.1 |
| | 19 | 2440 | 2.18 |
| | 39 | 2480 | 1.67 |



| Conducted Power (Full) | | | |
|------------------------|---------|-----------|--------------------------|
| WLAN 5.3GHz Ant 0 | | | |
| Mode | Channel | Frequency | SISO Ant 0 Avg. Power |
| 802.11a | 52 | 5260 | 17.89 |
| | 56 | 5280 | 17.63 |
| | 60 | 5300 | 17.57 |
| | 64 | 5320 | 17.49 |
| 802.11n HT20 | 52 | 5260 | 17.11 |
| | 56 | 5280 | 16.89 |
| | 60 | 5300 | 16.75 |
| | 64 | 5320 | 17.04 |
| 802.11n HT40 | 54 | 5270 | 16.01 |
| | 62 | 5310 | 15.86 |
| 802.11ac VHT20 | 52 | 5260 | 17.12 |
| | 56 | 5280 | 17.09 |
| | 60 | 5300 | 17.03 |
| | 64 | 5320 | 17.05 |
| 802.11ac VHT40 | 54 | 5270 | 16.57 |
| | 62 | 5310 | 15.88 |
| 802.11ac VHT80 | 58 | 5290 | 15.65 |

| Conducted Power (Full) | | | |
|------------------------|---------|-----------|-----------------------|
| WLAN 5.6GHz Ant 0 | | | |
| Mode | Channel | Frequency | SISO Ant 0 Avg. Power |
| 802.11a | 100 | 5500 | 17.47 |
| | 116 | 5580 | 17.41 |
| | 120 | 5600 | 17.21 |
| | 124 | 5620 | 17.13 |
| | 132 | 5660 | 16.85 |
| | 140 | 5700 | 16.68 |
| | 144 | 5720 | 16.65 |
| 802.11n HT20 | 100 | 5500 | 16.88 |
| | 116 | 5580 | 16.35 |
| | 120 | 5600 | 16.58 |
| | 124 | 5620 | 16.33 |
| | 132 | 5660 | 16.12 |
| | 140 | 5700 | 15.75 |
| 802.11n HT40 | 102 | 5510 | 15.75 |
| | 110 | 5550 | 15.81 |
| | 118 | 5590 | 15.55 |
| | 126 | 5630 | 15.68 |
| | 134 | 5670 | 15.22 |
| | 142 | 5710 | 15.2 |
| 802.11ac VHT20 | 100 | 5500 | 16.97 |
| | 116 | 5580 | 16.66 |
| | 120 | 5600 | 16.62 |
| | 124 | 5620 | 16.49 |
| | 132 | 5660 | 16.37 |
| | 140 | 5700 | 16.3 |
| 802.11ac VHT40 | 102 | 5510 | 15.86 |
| | 110 | 5550 | 15.82 |
| | 118 | 5590 | 15.78 |
| | 126 | 5630 | 15.54 |
| | 134 | 5670 | 15.24 |
| | 142 | 5710 | 15.22 |
| 802.11ac VHT80 | 106 | 5530 | 15.55 |
| | 122 | 5610 | 15.36 |
| | 138 | 5690 | 15.33 |

| Conducted Power (Full) | | | |
|-------------------------------|----------------|------------------|----------------------------------|
| WLAN 5.8GHz Ant 0 | | | |
| Mode | Channel | Frequency | SISO Ant 0 Avg. Power |
| 802.11a | 149 | 5745 | 16.28 |
| | 153 | 5765 | 16.03 |
| | 157 | 5785 | 15.85 |
| | 161 | 5805 | 15.61 |
| | 165 | 5825 | 15.33 |
| 802.11n HT20 | 149 | 5745 | 15.27 |
| | 153 | 5765 | 15.21 |
| | 157 | 5785 | 15.15 |
| | 161 | 5805 | 15.01 |
| 802.11n HT40 | 165 | 5825 | 14.86 |
| | 151 | 5755 | 14.77 |
| 802.11ac VHT20 | 159 | 5795 | 13.85 |
| | 149 | 5745 | 15.29 |
| | 153 | 5765 | 15.18 |
| | 157 | 5785 | 15.16 |
| | 161 | 5805 | 15.07 |
| 802.11ac VHT40 | 165 | 5825 | 14.98 |
| | 151 | 5755 | 14.78 |
| | 159 | 5795 | 14.02 |
| 802.11ac VHT80 | 155 | 5775 | 14.25 |



BUREAU
VERITAS

Appendix F. SAR Test Result

SAR Results for Extremity Exposure Condition.

Note:

1. SAR testing for WLAN / BT 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.

| Extremity 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) |
| | LTE 2 | QPSK20M | Front Face | 0 | 18700 | 1 | 0 | - | 1.00 | 22.50 | 22.39 | 1.03 | -0.01 | 0.156 | 0.16 |
| | LTE 2 | QPSK20M | Rear Face | 0 | 18700 | 1 | 0 | - | 1.00 | 22.50 | 22.39 | 1.03 | 0.01 | 0.317 | 0.33 |
| | LTE 2 | QPSK20M | Left Side | 0 | 18700 | 1 | 0 | - | 1.00 | 22.50 | 22.39 | 1.03 | -0.19 | 0.309 | 0.32 |
| | LTE 2 | QPSK20M | Right Side | 0 | 18700 | 1 | 0 | - | 1.00 | 22.50 | 22.39 | 1.03 | 0.19 | 0.409 | 0.42 |
| | LTE 2 | QPSK20M | Top Side | 0 | 18700 | 1 | 0 | - | 1.00 | 22.50 | 22.39 | 1.03 | -0.14 | 0.066 | 0.07 |
| | LTE 2 | QPSK20M | Bottom Side | 0 | 18700 | 1 | 0 | - | 1.00 | 22.50 | 22.39 | 1.03 | 0.07 | 0.021 | 0.02 |
| | LTE 2 | QPSK20M | Front Face | 0 | 18700 | 50 | 0 | - | 1.00 | 21.50 | 21.49 | 1.00 | 0.19 | 0.124 | 0.12 |
| | LTE 2 | QPSK20M | Rear Face | 0 | 18700 | 50 | 0 | - | 1.00 | 21.50 | 21.49 | 1.00 | 0.11 | 0.253 | 0.25 |
| | LTE 2 | QPSK20M | Left Side | 0 | 18700 | 50 | 0 | - | 1.00 | 21.50 | 21.49 | 1.00 | 0.05 | 0.276 | 0.28 |
| | LTE 2 | QPSK20M | Right Side | 0 | 18700 | 50 | 0 | - | 1.00 | 21.50 | 21.49 | 1.00 | 0.06 | 0.397 | 0.40 |
| | LTE 2 | QPSK20M | Top Side | 0 | 18700 | 50 | 0 | - | 1.00 | 21.50 | 21.49 | 1.00 | -0.09 | 0.053 | 0.05 |
| | LTE 2 | QPSK20M | Bottom Side | 0 | 18700 | 50 | 0 | - | 1.00 | 21.50 | 21.49 | 1.00 | -0.04 | 0.017 | 0.02 |
| | LTE 2 | QPSK20M | Right Side | 0 | 18900 | 1 | 0 | - | 1.00 | 22.50 | 22.23 | 1.06 | 0.13 | 0.468 | 0.50 |
| 1 | LTE 2 | QPSK20M | Right Side | 0 | 19100 | 1 | 0 | - | 1.00 | 22.50 | 22.31 | 1.04 | -0.16 | 0.503 | 0.52 |
| | | | | | | | | | | | | | | | |
| | LTE 4 | QPSK20M | Front Face | 0 | 20300 | 1 | 0 | - | 1.00 | 22.50 | 22.39 | 1.03 | 0.15 | 0.189 | 0.19 |
| | LTE 4 | QPSK20M | Rear Face | 0 | 20300 | 1 | 0 | - | 1.00 | 22.50 | 22.39 | 1.03 | 0.02 | 0.325 | 0.33 |
| | LTE 4 | QPSK20M | Left Side | 0 | 20300 | 1 | 0 | - | 1.00 | 22.50 | 22.39 | 1.03 | 0.09 | 0.172 | 0.18 |
| | LTE 4 | QPSK20M | Right Side | 0 | 20300 | 1 | 0 | - | 1.00 | 22.50 | 22.39 | 1.03 | -0.12 | 0.538 | 0.55 |
| | LTE 4 | QPSK20M | Top Side | 0 | 20300 | 1 | 0 | - | 1.00 | 22.50 | 22.39 | 1.03 | -0.08 | 0.089 | 0.09 |
| | LTE 4 | QPSK20M | Bottom Side | 0 | 20300 | 1 | 0 | - | 1.00 | 22.50 | 22.39 | 1.03 | -0.11 | 0.033 | 0.03 |
| | LTE 4 | QPSK20M | Front Face | 0 | 20300 | 50 | 0 | - | 1.00 | 21.50 | 21.19 | 1.07 | 0.16 | 0.128 | 0.14 |
| | LTE 4 | QPSK20M | Rear Face | 0 | 20300 | 50 | 0 | - | 1.00 | 21.50 | 21.19 | 1.07 | 0.13 | 0.255 | 0.27 |
| | LTE 4 | QPSK20M | Left Side | 0 | 20300 | 50 | 0 | - | 1.00 | 21.50 | 21.19 | 1.07 | -0.16 | 0.148 | 0.16 |
| | LTE 4 | QPSK20M | Right Side | 0 | 20300 | 50 | 0 | - | 1.00 | 21.50 | 21.19 | 1.07 | 0.08 | 0.437 | 0.47 |
| | LTE 4 | QPSK20M | Top Side | 0 | 20300 | 50 | 0 | - | 1.00 | 21.50 | 21.19 | 1.07 | -0.03 | 0.09 | 0.10 |
| | LTE 4 | QPSK20M | Bottom Side | 0 | 20300 | 50 | 0 | - | 1.00 | 21.50 | 21.19 | 1.07 | 0.16 | 0.025 | 0.03 |
| 2 | LTE 4 | QPSK20M | Right Side | 0 | 20050 | 1 | 0 | - | 1.00 | 22.50 | 22.22 | 1.07 | 0.1 | 0.591 | 0.63 |
| | LTE 4 | QPSK20M | Right Side | 0 | 20175 | 1 | 0 | - | 1.00 | 22.50 | 22.34 | 1.04 | 0.11 | 0.586 | 0.61 |
| | | | | | | | | | | | | | | | |



Extremity 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) |
| | LTE 5 | QPSK10M | Front Face | 0 | 20600 | 1 | 0 | - | 1.00 | 22.50 | 22.48 | 1.00 | 0.02 | 0.478 | 0.48 |
| | LTE 5 | QPSK10M | Rear Face | 0 | 20600 | 1 | 0 | - | 1.00 | 22.50 | 22.48 | 1.00 | 0.01 | 0.215 | 0.22 |
| | LTE 5 | QPSK10M | Left Side | 0 | 20600 | 1 | 0 | - | 1.00 | 22.50 | 22.48 | 1.00 | -0.11 | 0.109 | 0.11 |
| 3 | LTE 5 | QPSK10M | Right Side | 0 | 20600 | 1 | 0 | - | 1.00 | 22.50 | 22.48 | 1.00 | -0.02 | 0.676 | 0.68 |
| | LTE 5 | QPSK10M | Top Side | 0 | 20600 | 1 | 0 | - | 1.00 | 22.50 | 22.48 | 1.00 | 0.19 | 0.048 | 0.05 |
| | LTE 5 | QPSK10M | Bottom Side | 0 | 20600 | 1 | 0 | - | 1.00 | 22.50 | 22.48 | 1.00 | -0.01 | 0.06 | 0.06 |
| | LTE 5 | QPSK10M | Front Face | 0 | 20600 | 25 | 0 | - | 1.00 | 21.50 | 21.41 | 1.02 | -0.02 | 0.418 | 0.43 |
| | LTE 5 | QPSK10M | Rear Face | 0 | 20600 | 25 | 0 | - | 1.00 | 21.50 | 21.41 | 1.02 | -0.1 | 0.182 | 0.19 |
| | LTE 5 | QPSK10M | Left Side | 0 | 20600 | 25 | 0 | - | 1.00 | 21.50 | 21.41 | 1.02 | -0.18 | 0.08 | 0.08 |
| | LTE 5 | QPSK10M | Right Side | 0 | 20600 | 25 | 0 | - | 1.00 | 21.50 | 21.41 | 1.02 | -0.09 | 0.551 | 0.56 |
| | LTE 5 | QPSK10M | Top Side | 0 | 20600 | 25 | 0 | - | 1.00 | 21.50 | 21.41 | 1.02 | 0.11 | 0.038 | 0.04 |
| | LTE 5 | QPSK10M | Bottom Side | 0 | 20600 | 25 | 0 | - | 1.00 | 21.50 | 21.41 | 1.02 | -0.04 | 0.048 | 0.05 |
| | LTE 5 | QPSK10M | Right Side | 0 | 20450 | 1 | 0 | - | 1.00 | 22.50 | 22.35 | 1.04 | -0.09 | 0.623 | 0.65 |
| | LTE 5 | QPSK10M | Right Side | 0 | 20525 | 1 | 0 | - | 1.00 | 22.50 | 22.45 | 1.01 | -0.18 | 0.647 | 0.65 |
| | | | | | | | | | | | | | | | |
| | LTE 7 | QPSK20M | Front Face | 0 | 21100 | 1 | 0 | - | 1.00 | 23.50 | 23.41 | 1.02 | 0.07 | 0.246 | 0.25 |
| | LTE 7 | QPSK20M | Rear Face | 0 | 21100 | 1 | 0 | - | 1.00 | 23.50 | 23.41 | 1.02 | 0.1 | 1.46 | 1.49 |
| | LTE 7 | QPSK20M | Left Side | 0 | 21100 | 1 | 0 | - | 1.00 | 23.50 | 23.41 | 1.02 | -0.05 | 0.305 | 0.31 |
| | LTE 7 | QPSK20M | Right Side | 0 | 21100 | 1 | 0 | - | 1.00 | 23.50 | 23.41 | 1.02 | -0.13 | 0.811 | 0.83 |
| | LTE 7 | QPSK20M | Top Side | 0 | 21100 | 1 | 0 | - | 1.00 | 23.50 | 23.41 | 1.02 | -0.08 | 0.275 | 0.28 |
| | LTE 7 | QPSK20M | Bottom Side | 0 | 21100 | 1 | 0 | - | 1.00 | 23.50 | 23.41 | 1.02 | 0 | <0.001 | 0.00 |
| | LTE 7 | QPSK20M | Front Face | 0 | 21100 | 50 | 0 | - | 1.00 | 22.50 | 22.33 | 1.04 | 0.18 | 0.21 | 0.22 |
| | LTE 7 | QPSK20M | Rear Face | 0 | 21100 | 50 | 0 | - | 1.00 | 22.50 | 22.33 | 1.04 | -0.17 | 1.23 | 1.28 |
| | LTE 7 | QPSK20M | Left Side | 0 | 21100 | 50 | 0 | - | 1.00 | 22.50 | 22.33 | 1.04 | -0.15 | 0.246 | 0.26 |
| | LTE 7 | QPSK20M | Right Side | 0 | 21100 | 50 | 0 | - | 1.00 | 22.50 | 22.33 | 1.04 | -0.07 | 0.703 | 0.73 |
| | LTE 7 | QPSK20M | Top Side | 0 | 21100 | 50 | 0 | - | 1.00 | 22.50 | 22.33 | 1.04 | 0.02 | 0.214 | 0.22 |
| | LTE 7 | QPSK20M | Bottom Side | 0 | 21100 | 50 | 0 | - | 1.00 | 22.50 | 22.33 | 1.04 | 0 | <0.001 | 0.00 |
| | LTE 7 | QPSK20M | Rear Face | 0 | 20850 | 1 | 0 | - | 1.00 | 23.50 | 23.18 | 1.08 | 0.05 | 1.33 | 1.44 |
| 4 | LTE 7 | QPSK20M | Rear Face | 0 | 21350 | 1 | 0 | - | 1.00 | 23.50 | 23.35 | 1.04 | 0.06 | 1.59 | 1.65 |



Extremity 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) |
| | LTE 12 | QPSK10M | Front Face | 0 | 23130 | 1 | 0 | - | 1.00 | 22.50 | 22.37 | 1.03 | -0.07 | 0.219 | 0.23 |
| | LTE 12 | QPSK10M | Rear Face | 0 | 23130 | 1 | 0 | - | 1.00 | 22.50 | 22.37 | 1.03 | -0.04 | 0.208 | 0.21 |
| | LTE 12 | QPSK10M | Left Side | 0 | 23130 | 1 | 0 | - | 1.00 | 22.50 | 22.37 | 1.03 | 0.08 | 0.198 | 0.20 |
| 5 | LTE 12 | QPSK10M | Right Side | 0 | 23130 | 1 | 0 | - | 1.00 | 22.50 | 22.37 | 1.03 | 0.01 | 0.265 | 0.27 |
| | LTE 12 | QPSK10M | Top Side | 0 | 23130 | 1 | 0 | - | 1.00 | 22.50 | 22.37 | 1.03 | -0.13 | 0.062 | 0.06 |
| | LTE 12 | QPSK10M | Bottom Side | 0 | 23130 | 1 | 0 | - | 1.00 | 22.50 | 22.37 | 1.03 | 0 | <0.001 | 0.00 |
| | LTE 12 | QPSK10M | Front Face | 0 | 23130 | 25 | 0 | - | 1.00 | 21.50 | 21.23 | 1.06 | -0.09 | 0.179 | 0.19 |
| | LTE 12 | QPSK10M | Rear Face | 0 | 23130 | 25 | 0 | - | 1.00 | 21.50 | 21.23 | 1.06 | -0.07 | 0.174 | 0.18 |
| | LTE 12 | QPSK10M | Left Side | 0 | 23130 | 25 | 0 | - | 1.00 | 21.50 | 21.23 | 1.06 | 0.18 | 0.15 | 0.16 |
| | LTE 12 | QPSK10M | Right Side | 0 | 23130 | 25 | 0 | - | 1.00 | 21.50 | 21.23 | 1.06 | -0.04 | 0.235 | 0.25 |
| | LTE 12 | QPSK10M | Top Side | 0 | 23130 | 25 | 0 | - | 1.00 | 21.50 | 21.23 | 1.06 | 0.15 | 0.064 | 0.07 |
| | LTE 12 | QPSK10M | Bottom Side | 0 | 23130 | 25 | 0 | - | 1.00 | 21.50 | 21.23 | 1.06 | 0 | <0.001 | 0.00 |
| | LTE 12 | QPSK10M | Right Side | 0 | 23060 | 1 | 0 | - | 1.00 | 22.50 | 22.26 | 1.06 | 0.07 | 0.235 | 0.25 |
| | LTE 12 | QPSK10M | Right Side | 0 | 23095 | 1 | 0 | - | 1.00 | 22.50 | 22.13 | 1.09 | 0.12 | 0.236 | 0.26 |
| | | | | | | | | | | | | | | | |
| | LTE 13 | QPSK10M | Front Face | 0 | 23230 | 1 | 0 | - | 1.00 | 23.00 | 22.95 | 1.01 | 0.06 | 0.42 | 0.42 |
| | LTE 13 | QPSK10M | Rear Face | 0 | 23230 | 1 | 0 | - | 1.00 | 23.00 | 22.95 | 1.01 | 0.12 | 0.212 | 0.21 |
| | LTE 13 | QPSK10M | Left Side | 0 | 23230 | 1 | 0 | - | 1.00 | 23.00 | 22.95 | 1.01 | 0.04 | 0.1 | 0.10 |
| 6 | LTE 13 | QPSK10M | Right Side | 0 | 23230 | 1 | 0 | - | 1.00 | 23.00 | 22.95 | 1.01 | -0.1 | 0.557 | 0.56 |
| | LTE 13 | QPSK10M | Top Side | 0 | 23230 | 1 | 0 | - | 1.00 | 23.00 | 22.95 | 1.01 | -0.12 | 0.073 | 0.07 |
| | LTE 13 | QPSK10M | Bottom Side | 0 | 23230 | 1 | 0 | - | 1.00 | 23.00 | 22.95 | 1.01 | 0 | <0.001 | 0.00 |
| | LTE 13 | QPSK10M | Front Face | 0 | 23230 | 25 | 0 | - | 1.00 | 22.00 | 21.83 | 1.04 | -0.13 | 0.346 | 0.36 |
| | LTE 13 | QPSK10M | Rear Face | 0 | 23230 | 25 | 0 | - | 1.00 | 22.00 | 21.83 | 1.04 | 0.09 | 0.173 | 0.18 |
| | LTE 13 | QPSK10M | Left Side | 0 | 23230 | 25 | 0 | - | 1.00 | 22.00 | 21.83 | 1.04 | -0.18 | 0.077 | 0.08 |
| | LTE 13 | QPSK10M | Right Side | 0 | 23230 | 25 | 0 | - | 1.00 | 22.00 | 21.83 | 1.04 | 0.15 | 0.451 | 0.47 |
| | LTE 13 | QPSK10M | Top Side | 0 | 23230 | 25 | 0 | - | 1.00 | 22.00 | 21.83 | 1.04 | 0.14 | 0.055 | 0.06 |
| | LTE 13 | QPSK10M | Bottom Side | 0 | 23230 | 25 | 0 | - | 1.00 | 22.00 | 21.83 | 1.04 | 0 | <0.001 | 0.00 |



Extremity 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) |
| | LTE 14 | QPSK10M | Front Face | 0 | 23330 | 1 | 0 | - | 1.00 | 22.50 | 22.47 | 1.01 | 0.05 | 0.414 | 0.42 |
| | LTE 14 | QPSK10M | Rear Face | 0 | 23330 | 1 | 0 | - | 1.00 | 22.50 | 22.47 | 1.01 | -0.11 | 0.218 | 0.22 |
| | LTE 14 | QPSK10M | Left Side | 0 | 23330 | 1 | 0 | - | 1.00 | 22.50 | 22.47 | 1.01 | -0.04 | 0.09 | 0.09 |
| 7 | LTE 14 | QPSK10M | Right Side | 0 | 23330 | 1 | 0 | - | 1.00 | 22.50 | 22.47 | 1.01 | -0.03 | 0.532 | 0.54 |
| | LTE 14 | QPSK10M | Top Side | 0 | 23330 | 1 | 0 | - | 1.00 | 22.50 | 22.47 | 1.01 | -0.12 | 0.053 | 0.05 |
| | LTE 14 | QPSK10M | Bottom Side | 0 | 23330 | 1 | 0 | - | 1.00 | 22.50 | 22.47 | 1.01 | -0.06 | 0.041 | 0.04 |
| | LTE 14 | QPSK10M | Front Face | 0 | 23330 | 25 | 0 | - | 1.00 | 21.50 | 21.49 | 1.00 | 0.1 | 0.356 | 0.36 |
| | LTE 14 | QPSK10M | Rear Face | 0 | 23330 | 25 | 0 | - | 1.00 | 21.50 | 21.49 | 1.00 | -0.02 | 0.18 | 0.18 |
| | LTE 14 | QPSK10M | Left Side | 0 | 23330 | 25 | 0 | - | 1.00 | 21.50 | 21.49 | 1.00 | 0.12 | 0.08 | 0.08 |
| | LTE 14 | QPSK10M | Right Side | 0 | 23330 | 25 | 0 | - | 1.00 | 21.50 | 21.49 | 1.00 | 0.16 | 0.44 | 0.44 |
| | LTE 14 | QPSK10M | Top Side | 0 | 23330 | 25 | 0 | - | 1.00 | 21.50 | 21.49 | 1.00 | -0.1 | 0.05 | 0.05 |
| | LTE 14 | QPSK10M | Bottom Side | 0 | 23330 | 25 | 0 | - | 1.00 | 21.50 | 21.49 | 1.00 | 0.1 | 0.035 | 0.04 |
| | | | | | | | | | | | | | | | |
| | LTE 17 | QPSK10M | Front Face | 0 | 23780 | 1 | 0 | - | 1.00 | 23.00 | 22.77 | 1.05 | -0.03 | 0.248 | 0.26 |
| | LTE 17 | QPSK10M | Rear Face | 0 | 23780 | 1 | 0 | - | 1.00 | 23.00 | 22.77 | 1.05 | 0.14 | 0.253 | 0.27 |
| | LTE 17 | QPSK10M | Left Side | 0 | 23780 | 1 | 0 | - | 1.00 | 23.00 | 22.77 | 1.05 | 0.01 | 0.234 | 0.25 |
| | LTE 17 | QPSK10M | Right Side | 0 | 23780 | 1 | 0 | - | 1.00 | 23.00 | 22.77 | 1.05 | -0.07 | 0.286 | 0.30 |
| | LTE 17 | QPSK10M | Top Side | 0 | 23780 | 1 | 0 | - | 1.00 | 23.00 | 22.77 | 1.05 | 0.01 | 0.079 | 0.08 |
| | LTE 17 | QPSK10M | Bottom Side | 0 | 23780 | 1 | 0 | - | 1.00 | 23.00 | 22.77 | 1.05 | 0 | <0.001 | 0.00 |
| | LTE 17 | QPSK10M | Front Face | 0 | 23780 | 25 | 0 | - | 1.00 | 22.00 | 21.76 | 1.06 | 0.03 | 0.212 | 0.22 |
| | LTE 17 | QPSK10M | Rear Face | 0 | 23780 | 25 | 0 | - | 1.00 | 22.00 | 21.76 | 1.06 | -0.13 | 0.228 | 0.24 |
| | LTE 17 | QPSK10M | Left Side | 0 | 23780 | 25 | 0 | - | 1.00 | 22.00 | 21.76 | 1.06 | 0.17 | 0.186 | 0.20 |
| | LTE 17 | QPSK10M | Right Side | 0 | 23780 | 25 | 0 | - | 1.00 | 22.00 | 21.76 | 1.06 | 0.04 | 0.245 | 0.26 |
| | LTE 17 | QPSK10M | Top Side | 0 | 23780 | 25 | 0 | - | 1.00 | 22.00 | 21.76 | 1.06 | 0.14 | 0.06 | 0.06 |
| | LTE 17 | QPSK10M | Bottom Side | 0 | 23780 | 25 | 0 | - | 1.00 | 22.00 | 21.76 | 1.06 | 0 | <0.001 | 0.00 |
| | LTE 17 | QPSK10M | Right Side | 0 | 23790 | 1 | 0 | - | 1.00 | 23.00 | 22.68 | 1.08 | 0.09 | 0.266 | 0.29 |
| 8 | LTE 17 | QPSK10M | Right Side | 0 | 23800 | 1 | 0 | - | 1.00 | 23.00 | 22.72 | 1.07 | 0.07 | 0.294 | 0.31 |
| | | | | | | | | | | | | | | | |



Extremity 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) |
| | LTE 25 | QPSK20M | Front Face | 0 | 26140 | 1 | 0 | - | 1.00 | 23.00 | 22.85 | 1.04 | -0.11 | 0.197 | 0.20 |
| | LTE 25 | QPSK20M | Rear Face | 0 | 26140 | 1 | 0 | - | 1.00 | 23.00 | 22.85 | 1.04 | -0.18 | 0.401 | 0.42 |
| | LTE 25 | QPSK20M | Left Side | 0 | 26140 | 1 | 0 | - | 1.00 | 23.00 | 22.85 | 1.04 | -0.06 | 0.403 | 0.42 |
| 9 | LTE 25 | QPSK20M | Right Side | 0 | 26140 | 1 | 0 | - | 1.00 | 23.00 | 22.85 | 1.04 | 0.08 | 0.581 | 0.60 |
| | LTE 25 | QPSK20M | Top Side | 0 | 26140 | 1 | 0 | - | 1.00 | 23.00 | 22.85 | 1.04 | -0.15 | 0.075 | 0.08 |
| | LTE 25 | QPSK20M | Bottom Side | 0 | 26140 | 1 | 0 | - | 1.00 | 23.00 | 22.85 | 1.04 | 0.13 | 0.022 | 0.02 |
| | LTE 25 | QPSK20M | Front Face | 0 | 26140 | 50 | 0 | - | 1.00 | 22.00 | 21.88 | 1.03 | 0.08 | 0.163 | 0.17 |
| | LTE 25 | QPSK20M | Rear Face | 0 | 26140 | 50 | 0 | - | 1.00 | 22.00 | 21.88 | 1.03 | -0.09 | 0.311 | 0.32 |
| | LTE 25 | QPSK20M | Left Side | 0 | 26140 | 50 | 0 | - | 1.00 | 22.00 | 21.88 | 1.03 | -0.01 | 0.339 | 0.35 |
| | LTE 25 | QPSK20M | Right Side | 0 | 26140 | 50 | 0 | - | 1.00 | 22.00 | 21.88 | 1.03 | -0.09 | 0.491 | 0.51 |
| | LTE 25 | QPSK20M | Top Side | 0 | 26140 | 50 | 0 | - | 1.00 | 22.00 | 21.88 | 1.03 | 0.01 | 0.067 | 0.07 |
| | LTE 25 | QPSK20M | Bottom Side | 0 | 26140 | 50 | 0 | - | 1.00 | 22.00 | 21.88 | 1.03 | 0 | <0.001 | 0.00 |
| | LTE 25 | QPSK20M | Right Side | 0 | 26365 | 1 | 0 | - | 1.00 | 23.00 | 22.77 | 1.05 | -0.03 | 0.547 | 0.57 |
| | LTE 25 | QPSK20M | Right Side | 0 | 26590 | 1 | 0 | - | 1.00 | 23.00 | 22.83 | 1.04 | -0.02 | 0.571 | 0.59 |
| | | | | | | | | | | | | | | | |
| | LTE 26 | QPSK15M | Front Face | 0 | 26965 | 1 | 0 | - | 1.00 | 23.00 | 22.86 | 1.03 | 0.02 | 0.454 | 0.47 |
| | LTE 26 | QPSK15M | Rear Face | 0 | 26965 | 1 | 0 | - | 1.00 | 23.00 | 22.86 | 1.03 | 0.04 | 0.211 | 0.22 |
| | LTE 26 | QPSK15M | Left Side | 0 | 26965 | 1 | 0 | - | 1.00 | 23.00 | 22.86 | 1.03 | 0.06 | 0.102 | 0.11 |
| | LTE 26 | QPSK15M | Right Side | 0 | 26965 | 1 | 0 | - | 1.00 | 23.00 | 22.86 | 1.03 | 0.03 | 0.618 | 0.64 |
| | LTE 26 | QPSK15M | Top Side | 0 | 26965 | 1 | 0 | - | 1.00 | 23.00 | 22.86 | 1.03 | -0.07 | 0.039 | 0.04 |
| | LTE 26 | QPSK15M | Bottom Side | 0 | 26965 | 1 | 0 | - | 1.00 | 23.00 | 22.86 | 1.03 | -0.07 | 0.057 | 0.06 |
| | LTE 26 | QPSK15M | Front Face | 0 | 26965 | 36 | 0 | - | 1.00 | 22.00 | 21.73 | 1.06 | 0.16 | 0.409 | 0.43 |
| | LTE 26 | QPSK15M | Rear Face | 0 | 26965 | 36 | 0 | - | 1.00 | 22.00 | 21.73 | 1.06 | -0.11 | 0.175 | 0.19 |
| | LTE 26 | QPSK15M | Left Side | 0 | 26965 | 36 | 0 | - | 1.00 | 22.00 | 21.73 | 1.06 | 0.04 | 0.093 | 0.10 |
| | LTE 26 | QPSK15M | Right Side | 0 | 26965 | 36 | 0 | - | 1.00 | 22.00 | 21.73 | 1.06 | -0.07 | 0.55 | 0.58 |
| | LTE 26 | QPSK15M | Top Side | 0 | 26965 | 36 | 0 | - | 1.00 | 22.00 | 21.73 | 1.06 | 0.12 | 0.036 | 0.04 |
| | LTE 26 | QPSK15M | Bottom Side | 0 | 26965 | 36 | 0 | - | 1.00 | 22.00 | 21.73 | 1.06 | -0.1 | 0.047 | 0.05 |
| | LTE 26 | QPSK15M | Right Side | 0 | 26765 | 1 | 0 | - | 1.00 | 23.00 | 22.65 | 1.08 | -0.15 | 0.587 | 0.63 |
| 10 | LTE 26 | QPSK15M | Right Side | 0 | 26865 | 1 | 0 | - | 1.00 | 23.00 | 22.77 | 1.05 | -0.03 | 0.637 | 0.67 |
| | | | | | | | | | | | | | | | |



Extremity 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) |
| | LTE 41 | QPSK20M | Front Face | 0 | 41490 | 1 | 0 | - | 1.00 | 22.50 | 22.48 | 1.00 | -0.02 | 0.034 | 0.03 |
| | LTE 41 | QPSK20M | Rear Face | 0 | 41490 | 1 | 0 | - | 1.00 | 22.50 | 22.48 | 1.00 | -0.02 | 0.358 | 0.36 |
| | LTE 41 | QPSK20M | Left Side | 0 | 41490 | 1 | 0 | - | 1.00 | 22.50 | 22.48 | 1.00 | 0.08 | 0.023 | 0.02 |
| | LTE 41 | QPSK20M | Right Side | 0 | 41490 | 1 | 0 | - | 1.00 | 22.50 | 22.48 | 1.00 | -0.09 | 0.366 | 0.37 |
| | LTE 41 | QPSK20M | Top Side | 0 | 41490 | 1 | 0 | - | 1.00 | 22.50 | 22.48 | 1.00 | 0.08 | 0.067 | 0.07 |
| | LTE 41 | QPSK20M | Bottom Side | 0 | 41490 | 1 | 0 | - | 1.00 | 22.50 | 22.48 | 1.00 | 0.13 | 0.015 | 0.02 |
| | LTE 41 | QPSK20M | Front Face | 0 | 41490 | 50 | 0 | - | 1.00 | 21.50 | 21.41 | 1.02 | -0.15 | 0.025 | 0.03 |
| | LTE 41 | QPSK20M | Rear Face | 0 | 41490 | 50 | 0 | - | 1.00 | 21.50 | 21.41 | 1.02 | 0.03 | 0.279 | 0.28 |
| | LTE 41 | QPSK20M | Left Side | 0 | 41490 | 50 | 0 | - | 1.00 | 21.50 | 21.41 | 1.02 | 0.06 | 0.019 | 0.02 |
| | LTE 41 | QPSK20M | Right Side | 0 | 41490 | 50 | 0 | - | 1.00 | 21.50 | 21.41 | 1.02 | 0.14 | 0.287 | 0.29 |
| | LTE 41 | QPSK20M | Top Side | 0 | 41490 | 50 | 0 | - | 1.00 | 21.50 | 21.41 | 1.02 | -0.02 | 0.03 | 0.03 |
| | LTE 41 | QPSK20M | Bottom Side | 0 | 41490 | 50 | 0 | - | 1.00 | 21.50 | 21.41 | 1.02 | 0 | <0.001 | 0.00 |
| | LTE 41 | QPSK20M | Right Side | 0 | 39750 | 1 | 0 | - | 1.00 | 22.50 | 21.87 | 1.16 | 0.06 | 0.4 | 0.46 |
| | LTE 41 | QPSK20M | Right Side | 0 | 40185 | 1 | 0 | - | 1.00 | 22.50 | 21.82 | 1.17 | -0.01 | 0.397 | 0.46 |
| 11 | LTE 41 | QPSK20M | Right Side | 0 | 40620 | 1 | 0 | - | 1.00 | 22.50 | 21.77 | 1.18 | -0.08 | 0.414 | 0.49 |
| | LTE 41 | QPSK20M | Right Side | 0 | 41055 | 1 | 0 | - | 1.00 | 22.50 | 21.85 | 1.16 | 0.09 | 0.369 | 0.43 |
| | | | | | | | | | | | | | | | |
| | LTE 66 | QPSK20M | Front Face | 0 | 132322 | 1 | 0 | - | 1.00 | 22.50 | 22.46 | 1.01 | 0.09 | 0.176 | 0.18 |
| | LTE 66 | QPSK20M | Rear Face | 0 | 132322 | 1 | 0 | - | 1.00 | 22.50 | 22.46 | 1.01 | -0.16 | 0.354 | 0.36 |
| | LTE 66 | QPSK20M | Left Side | 0 | 132322 | 1 | 0 | - | 1.00 | 22.50 | 22.46 | 1.01 | 0.1 | 0.216 | 0.22 |
| 12 | LTE 66 | QPSK20M | Right Side | 0 | 132322 | 1 | 0 | - | 1.00 | 22.50 | 22.46 | 1.01 | 0.08 | 0.616 | 0.62 |
| | LTE 66 | QPSK20M | Top Side | 0 | 132322 | 1 | 0 | - | 1.00 | 22.50 | 22.46 | 1.01 | -0.13 | 0.145 | 0.15 |
| | LTE 66 | QPSK20M | Bottom Side | 0 | 132322 | 1 | 0 | - | 1.00 | 22.50 | 22.46 | 1.01 | -0.13 | 0.044 | 0.04 |
| | LTE 66 | QPSK20M | Front Face | 0 | 132322 | 50 | 0 | - | 1.00 | 21.50 | 21.47 | 1.01 | -0.02 | 0.134 | 0.14 |
| | LTE 66 | QPSK20M | Rear Face | 0 | 132322 | 50 | 0 | - | 1.00 | 21.50 | 21.47 | 1.01 | 0.16 | 0.291 | 0.29 |
| | LTE 66 | QPSK20M | Left Side | 0 | 132322 | 50 | 0 | - | 1.00 | 21.50 | 21.47 | 1.01 | -0.05 | 0.189 | 0.19 |
| | LTE 66 | QPSK20M | Right Side | 0 | 132322 | 50 | 0 | - | 1.00 | 21.50 | 21.47 | 1.01 | 0.17 | 0.491 | 0.50 |
| | LTE 66 | QPSK20M | Top Side | 0 | 132322 | 50 | 0 | - | 1.00 | 21.50 | 21.47 | 1.01 | 0.01 | 0.119 | 0.12 |
| | LTE 66 | QPSK20M | Bottom Side | 0 | 132322 | 50 | 0 | - | 1.00 | 21.50 | 21.47 | 1.01 | -0.12 | 0.03 | 0.03 |
| | LTE 66 | QPSK20M | Right Side | 0 | 132072 | 1 | 0 | - | 1.00 | 22.50 | 22.33 | 1.04 | -0.08 | 0.492 | 0.51 |
| | LTE 66 | QPSK20M | Right Side | 0 | 132572 | 1 | 0 | - | 1.00 | 22.50 | 22.38 | 1.03 | 0.14 | 0.417 | 0.43 |
| | | | | | | | | | | | | | | | |



Extremity SAR Test Result

| Extremity 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) |
| | LTE 71 | QPSK20M | Front Face | 0 | 133372 | 1 | 0 | - | 1.00 | 23.50 | 23.46 | 1.01 | -0.05 | 0.292 | 0.29 |
| | LTE 71 | QPSK20M | Rear Face | 0 | 133372 | 1 | 0 | - | 1.00 | 23.50 | 23.46 | 1.01 | 0 | 0.28 | 0.28 |
| | LTE 71 | QPSK20M | Left Side | 0 | 133372 | 1 | 0 | - | 1.00 | 23.50 | 23.46 | 1.01 | 0.05 | 0.297 | 0.30 |
| 13 | LTE 71 | QPSK20M | Right Side | 0 | 133372 | 1 | 0 | - | 1.00 | 23.50 | 23.46 | 1.01 | -0.16 | 0.302 | 0.31 |
| | LTE 71 | QPSK20M | Top Side | 0 | 133372 | 1 | 0 | - | 1.00 | 23.50 | 23.46 | 1.01 | -0.08 | 0.049 | 0.05 |
| | LTE 71 | QPSK20M | Bottom Side | 0 | 133372 | 1 | 0 | - | 1.00 | 23.50 | 23.46 | 1.01 | 0.04 | 0.031 | 0.03 |
| | LTE 71 | QPSK20M | Front Face | 0 | 133372 | 50 | 0 | - | 1.00 | 22.50 | 22.46 | 1.01 | 0.17 | 0.239 | 0.24 |
| | LTE 71 | QPSK20M | Rear Face | 0 | 133372 | 50 | 0 | - | 1.00 | 22.50 | 22.46 | 1.01 | -0.19 | 0.219 | 0.22 |
| | LTE 71 | QPSK20M | Left Side | 0 | 133372 | 50 | 0 | - | 1.00 | 22.50 | 22.46 | 1.01 | -0.04 | 0.23 | 0.23 |
| | LTE 71 | QPSK20M | Right Side | 0 | 133372 | 50 | 0 | - | 1.00 | 22.50 | 22.46 | 1.01 | -0.02 | 0.205 | 0.21 |
| | LTE 71 | QPSK20M | Top Side | 0 | 133372 | 50 | 0 | - | 1.00 | 22.50 | 22.46 | 1.01 | 0.1 | 0.05 | 0.05 |
| | LTE 71 | QPSK20M | Bottom Side | 0 | 133372 | 50 | 0 | - | 1.00 | 22.50 | 22.46 | 1.01 | 0.11 | 0.024 | 0.02 |
| | LTE 71 | QPSK20M | Right Side | 0 | 133222 | 1 | 0 | - | 1.00 | 23.50 | 23.38 | 1.03 | 0.16 | 0.277 | 0.29 |
| | LTE 71 | QPSK20M | Right Side | 0 | 133297 | 1 | 0 | - | 1.00 | 23.50 | 23.28 | 1.05 | -0.06 | 0.237 | 0.25 |
| | | | | | | | | | | | | | | | |



Extremity 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) |
| | WLAN2.4G | 802.11b | Front Face | 0 | 6 | | | 99.90 | 1.00 | 16.00 | 15.69 | 1.07 | 0.04 | 0.033 | 0.04 |
| | WLAN2.4G | 802.11b | Rear Face | 0 | 6 | | | 99.90 | 1.00 | 16.00 | 15.69 | 1.07 | 0.11 | 0.104 | 0.11 |
| | WLAN2.4G | 802.11b | Left Side | 0 | 6 | | | 99.90 | 1.00 | 16.00 | 15.69 | 1.07 | -0.04 | 0.034 | 0.04 |
| | WLAN2.4G | 802.11b | Right Side | 0 | 6 | | | 99.90 | 1.00 | 16.00 | 15.69 | 1.07 | 0.01 | 0.088 | 0.09 |
| | WLAN2.4G | 802.11b | Top Side | 0 | 6 | | | 99.90 | 1.00 | 16.00 | 15.69 | 1.07 | 0 | <0.001 | 0.00 |
| 14 | WLAN2.4G | 802.11b | Bottom Side | 0 | 6 | | | 99.90 | 1.00 | 16.00 | 15.69 | 1.07 | 0.09 | 0.116 | 0.12 |
| | WLAN2.4G | 802.11b | Bottom Side | 0 | 1 | | | 99.90 | 1.00 | 16.00 | 15.28 | 1.18 | 0.15 | 0.091 | 0.11 |
| | WLAN2.4G | 802.11b | Bottom Side | 0 | 11 | | | 99.90 | 1.00 | 16.00 | 15.23 | 1.19 | 0.11 | 0.081 | 0.10 |
| | | | | | | | | | | | | | | | |
| | WLAN5.3G | 802.11a | Front Face | 0 | 52 | | | 99.60 | 1.00 | 18.00 | 17.89 | 1.03 | 0.05 | 0.036 | 0.04 |
| | WLAN5.3G | 802.11a | Rear Face | 0 | 52 | | | 99.60 | 1.00 | 18.00 | 17.89 | 1.03 | 0.01 | 0.385 | 0.40 |
| | WLAN5.3G | 802.11a | Left Side | 0 | 52 | | | 99.60 | 1.00 | 18.00 | 17.89 | 1.03 | -0.13 | 0.022 | 0.02 |
| | WLAN5.3G | 802.11a | Right Side | 0 | 52 | | | 99.60 | 1.00 | 18.00 | 17.89 | 1.03 | 0.16 | 0.245 | 0.25 |
| | WLAN5.3G | 802.11a | Top Side | 0 | 52 | | | 99.60 | 1.00 | 18.00 | 17.89 | 1.03 | 0 | <0.001 | 0.00 |
| | WLAN5.3G | 802.11a | Bottom Side | 0 | 52 | | | 99.60 | 1.00 | 18.00 | 17.89 | 1.03 | -0.01 | 0.099 | 0.10 |
| 15 | WLAN5.3G | 802.11a | Rear Face | 0 | 56 | | | 99.60 | 1.00 | 18.00 | 17.63 | 1.09 | -0.03 | 0.399 | 0.43 |
| | WLAN5.3G | 802.11a | Rear Face | 0 | 60 | | | 99.60 | 1.00 | 18.00 | 17.57 | 1.10 | 0.19 | 0.382 | 0.42 |
| | WLAN5.3G | 802.11a | Rear Face | 0 | 64 | | | 99.60 | 1.00 | 18.00 | 17.49 | 1.12 | -0.05 | 0.379 | 0.42 |
| | | | | | | | | | | | | | | | |
| | WLAN5.6G | 802.11a | Front Face | 0 | 100 | | | 99.60 | 1.00 | 17.50 | 17.47 | 1.01 | -0.11 | 0.031 | 0.03 |
| | WLAN5.6G | 802.11a | Rear Face | 0 | 100 | | | 99.60 | 1.00 | 17.50 | 17.47 | 1.01 | 0.06 | 0.438 | 0.44 |
| | WLAN5.6G | 802.11a | Left Side | 0 | 100 | | | 99.60 | 1.00 | 17.50 | 17.47 | 1.01 | -0.16 | <0.001 | 0.00 |
| | WLAN5.6G | 802.11a | Right Side | 0 | 100 | | | 99.60 | 1.00 | 17.50 | 17.47 | 1.01 | -0.02 | 0.274 | 0.28 |
| | WLAN5.6G | 802.11a | Top Side | 0 | 100 | | | 99.60 | 1.00 | 17.50 | 17.47 | 1.01 | 0.14 | <0.001 | 0.00 |
| | WLAN5.6G | 802.11a | Bottom Side | 0 | 100 | | | 99.60 | 1.00 | 17.50 | 17.47 | 1.01 | 0.17 | 0.149 | 0.15 |
| | WLAN5.6G | 802.11a | Rear Face | 0 | 116 | | | 99.60 | 1.00 | 17.50 | 17.41 | 1.02 | 0.02 | 0.448 | 0.46 |
| | WLAN5.6G | 802.11a | Rear Face | 0 | 120 | | | 99.60 | 1.00 | 17.50 | 17.21 | 1.07 | -0.14 | 0.468 | 0.50 |
| | WLAN5.6G | 802.11a | Rear Face | 0 | 124 | | | 99.60 | 1.00 | 17.50 | 17.13 | 1.09 | -0.11 | 0.471 | 0.51 |
| | WLAN5.6G | 802.11a | Rear Face | 0 | 132 | | | 99.60 | 1.00 | 17.50 | 16.85 | 1.16 | -0.14 | 0.496 | 0.58 |
| 16 | WLAN5.6G | 802.11a | Rear Face | 0 | 140 | | | 99.60 | 1.00 | 17.50 | 16.68 | 1.21 | -0.06 | 0.511 | 0.62 |
| | WLAN5.6G | 802.11a | Rear Face | 0 | 144 | | | 99.60 | 1.00 | 17.50 | 16.63 | 1.22 | -0.19 | 0.498 | 0.61 |
| | | | | | | | | | | | | | | | |



Extremity SAR Test Result

| Extremity 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) |
| | WLAN5.8G | 802.11a | Front Face | 0 | 149 | | | 99.60 | 1.00 | 16.50 | 16.28 | 1.05 | 0.08 | 0.03 | 0.03 |
| 17 | WLAN5.8G | 802.11a | Rear Face | 0 | 149 | | | 99.60 | 1.00 | 16.50 | 16.28 | 1.05 | -0.04 | 0.483 | 0.51 |
| | WLAN5.8G | 802.11a | Left Side | 0 | 149 | | | 99.60 | 1.00 | 16.50 | 16.28 | 1.05 | 0 | <0.001 | 0.00 |
| | WLAN5.8G | 802.11a | Right Side | 0 | 149 | | | 99.60 | 1.00 | 16.50 | 16.28 | 1.05 | -0.19 | 0.262 | 0.28 |
| | WLAN5.8G | 802.11a | Top Side | 0 | 149 | | | 99.60 | 1.00 | 16.50 | 16.28 | 1.05 | 0 | <0.001 | 0.00 |
| | WLAN5.8G | 802.11a | Bottom Side | 0 | 149 | | | 99.60 | 1.00 | 16.50 | 16.28 | 1.05 | -0.1 | 0.171 | 0.18 |
| | WLAN5.8G | 802.11a | Rear Face | 0 | 153 | | | 99.60 | 1.00 | 16.50 | 16.03 | 1.11 | 0.17 | 0.434 | 0.48 |
| | WLAN5.8G | 802.11a | Rear Face | 0 | 157 | | | 99.60 | 1.00 | 16.50 | 15.85 | 1.16 | 0.12 | 0.404 | 0.47 |
| | WLAN5.8G | 802.11a | Rear Face | 0 | 161 | | | 99.60 | 1.00 | 16.50 | 15.61 | 1.23 | -0.16 | 0.358 | 0.44 |
| | WLAN5.8G | 802.11a | Rear Face | 0 | 165 | | | 99.60 | 1.00 | 16.50 | 15.33 | 1.31 | 0.16 | 0.321 | 0.42 |
| | | | | | | | | | | | | | | | |
| | BT | BR / EDR | Front Face | 0 | 39 | | | 100.00 | 1.00 | 10.50 | 10.01 | 1.12 | 0 | <0.001 | 0.00 |
| | BT | BR / EDR | Rear Face | 0 | 39 | | | 100.00 | 1.00 | 10.50 | 10.01 | 1.12 | 0.15 | 0.012 | 0.01 |
| | BT | BR / EDR | Left Side | 0 | 39 | | | 100.00 | 1.00 | 10.50 | 10.01 | 1.12 | 0 | <0.001 | 0.00 |
| | BT | BR / EDR | Right Side | 0 | 39 | | | 100.00 | 1.00 | 10.50 | 10.01 | 1.12 | 0.18 | 0.015 | 0.02 |
| | BT | BR / EDR | Top Side | 0 | 39 | | | 100.00 | 1.00 | 10.50 | 10.01 | 1.12 | 0 | <0.001 | 0.00 |
| | BT | BR / EDR | Bottom Side | 0 | 39 | | | 100.00 | 1.00 | 10.50 | 10.01 | 1.12 | 0.07 | 0.017 | 0.02 |
| 18 | BT | BR / EDR | Bottom Side | 0 | 0 | | | 100.00 | 1.00 | 10.50 | 9.99 | 1.12 | 0.04 | 0.023 | 0.03 |
| | BT | BR / EDR | Bottom Side | 0 | 78 | | | 100.00 | 1.00 | 10.50 | 9.98 | 1.13 | 0.06 | 0.015 | 0.02 |

Appendix H. Analysis of Simultaneous Transmission.

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 | Extremity Exposure Condition |
|-----------------------------|---------------------------------|------------------------------|
| A | WWAN + BT | Yes |

| Simultaneous Transmission SAR Evaluation (Extremity) | | | | |
|--|-------------|--------------|--------------|----------------|
| Band | Position | 1 | 4 | B(1+4) |
| | | Max WWAN | Max BT Ant 0 | Summimg result |
| | | 10g SAR W/kg | 10g SAR W/kg | 10g SAR W/kg |
| LTE 2 | Front Face | 0.16 | 0.00 | 0.16 |
| | Rear Face | 0.33 | 0.01 | 0.34 |
| | Left Side | 0.32 | 0.00 | 0.32 |
| | Right Side | 0.52 | 0.02 | 0.54 |
| | Top Side | 0.07 | 0.00 | 0.07 |
| | Bottom Side | 0.02 | 0.03 | 0.05 |
| LTE 4 | Front Face | 0.19 | 0.00 | 0.19 |
| | Rear Face | 0.33 | 0.01 | 0.34 |
| | Left Side | 0.18 | 0.00 | 0.18 |
| | Right Side | 0.63 | 0.02 | 0.65 |
| | Top Side | 0.10 | 0.00 | 0.10 |
| | Bottom Side | 0.03 | 0.03 | 0.06 |
| LTE 5 | Front Face | 0.48 | 0.00 | 0.48 |
| | Rear Face | 0.22 | 0.01 | 0.23 |
| | Left Side | 0.11 | 0.00 | 0.11 |
| | Right Side | 0.68 | 0.02 | 0.70 |
| | Top Side | 0.05 | 0.00 | 0.05 |
| | Bottom Side | 0.06 | 0.03 | 0.09 |
| LTE 7 | Front Face | 0.25 | 0.00 | 0.25 |
| | Rear Face | 1.65 | 0.01 | 1.66 |
| | Left Side | 0.31 | 0.00 | 0.31 |
| | Right Side | 0.83 | 0.02 | 0.85 |
| | Top Side | 0.28 | 0.00 | 0.28 |
| | Bottom Side | 0.00 | 0.03 | 0.03 |
| LTE 12 | Front Face | 0.23 | 0.00 | 0.23 |
| | Rear Face | 0.21 | 0.01 | 0.22 |
| | Left Side | 0.20 | 0.00 | 0.20 |
| | Right Side | 0.27 | 0.02 | 0.29 |
| | Top Side | 0.07 | 0.00 | 0.07 |
| | Bottom Side | 0.00 | 0.03 | 0.03 |
| LTE 13 | Front Face | 0.42 | 0.00 | 0.42 |
| | Rear Face | 0.21 | 0.01 | 0.22 |
| | Left Side | 0.10 | 0.00 | 0.10 |
| | Right Side | 0.56 | 0.02 | 0.58 |
| | Top Side | 0.07 | 0.00 | 0.07 |
| | Bottom Side | 0.00 | 0.03 | 0.03 |

| Simultaneous Transmission SAR Evaluation (Extremity) | | | | |
|--|-------------|--------------|--------------|----------------|
| Band | Position | 1 | 4 | B(1+4) |
| | | Max WWAN | Max BT Ant 0 | Summimg result |
| | | 10g SAR W/kg | 10g SAR W/kg | 10g SAR W/kg |
| LTE 14 | Front Face | 0.42 | 0.00 | 0.42 |
| | Rear Face | 0.22 | 0.01 | 0.23 |
| | Left Side | 0.09 | 0.00 | 0.09 |
| | Right Side | 0.54 | 0.02 | 0.56 |
| | Top Side | 0.05 | 0.00 | 0.05 |
| | Bottom Side | 0.04 | 0.03 | 0.07 |
| LTE 17 | Front Face | 0.26 | 0.00 | 0.26 |
| | Rear Face | 0.27 | 0.01 | 0.28 |
| | Left Side | 0.25 | 0.00 | 0.25 |
| | Right Side | 0.31 | 0.02 | 0.33 |
| | Top Side | 0.08 | 0.00 | 0.08 |
| | Bottom Side | 0.00 | 0.03 | 0.03 |
| LTE 25 | Front Face | 0.20 | 0.00 | 0.20 |
| | Rear Face | 0.42 | 0.01 | 0.43 |
| | Left Side | 0.42 | 0.00 | 0.42 |
| | Right Side | 0.60 | 0.02 | 0.62 |
| | Top Side | 0.08 | 0.00 | 0.08 |
| | Bottom Side | 0.02 | 0.03 | 0.05 |
| LTE 26 | Front Face | 0.47 | 0.00 | 0.47 |
| | Rear Face | 0.22 | 0.01 | 0.23 |
| | Left Side | 0.11 | 0.00 | 0.11 |
| | Right Side | 0.67 | 0.02 | 0.69 |
| | Top Side | 0.04 | 0.00 | 0.04 |
| | Bottom Side | 0.06 | 0.03 | 0.09 |
| LTE 41 | Front Face | 0.03 | 0.00 | 0.03 |
| | Rear Face | 0.36 | 0.01 | 0.37 |
| | Left Side | 0.02 | 0.00 | 0.02 |
| | Right Side | 0.49 | 0.02 | 0.51 |
| | Top Side | 0.07 | 0.00 | 0.07 |
| | Bottom Side | 0.02 | 0.03 | 0.05 |

| Simultaneous Transmission SAR Evaluation (Extremity) | | | | |
|--|-------------|--------------|--------------|----------------|
| Band | Position | 1 | 4 | B(1+4) |
| | | Max WWAN | Max BT Ant 0 | Summing result |
| | | 10g SAR W/kg | 10g SAR W/kg | 10g SAR W/kg |
| LTE 66 | Front Face | 0.18 | 0.00 | 0.18 |
| | Rear Face | 0.36 | 0.01 | 0.37 |
| | Left Side | 0.22 | 0.00 | 0.22 |
| | Right Side | 0.62 | 0.02 | 0.64 |
| | Top Side | 0.15 | 0.00 | 0.15 |
| | Bottom Side | 0.04 | 0.03 | 0.07 |
| LTE 71 | Front Face | 0.29 | 0.00 | 0.29 |
| | Rear Face | 0.28 | 0.01 | 0.29 |
| | Left Side | 0.30 | 0.00 | 0.30 |
| | Right Side | 0.31 | 0.02 | 0.33 |
| | Top Side | 0.05 | 0.00 | 0.05 |
| | Bottom Side | 0.03 | 0.03 | 0.06 |