

Annex A. SAR Plots of System Verification

The plots for system verification are shown as follows.

S01 System Check_H1900_210923

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

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

Medium: H16T20N1_0923 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.455$ S/m; $\epsilon_r = 38.283$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(8.35, 8.35, 8.35) @ 1900 MHz; Calibrated: 2021/01/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2021/03/24
- Phantom: ELI Phantom_1043; Type: QD OVA 002 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 3.41 W/kg

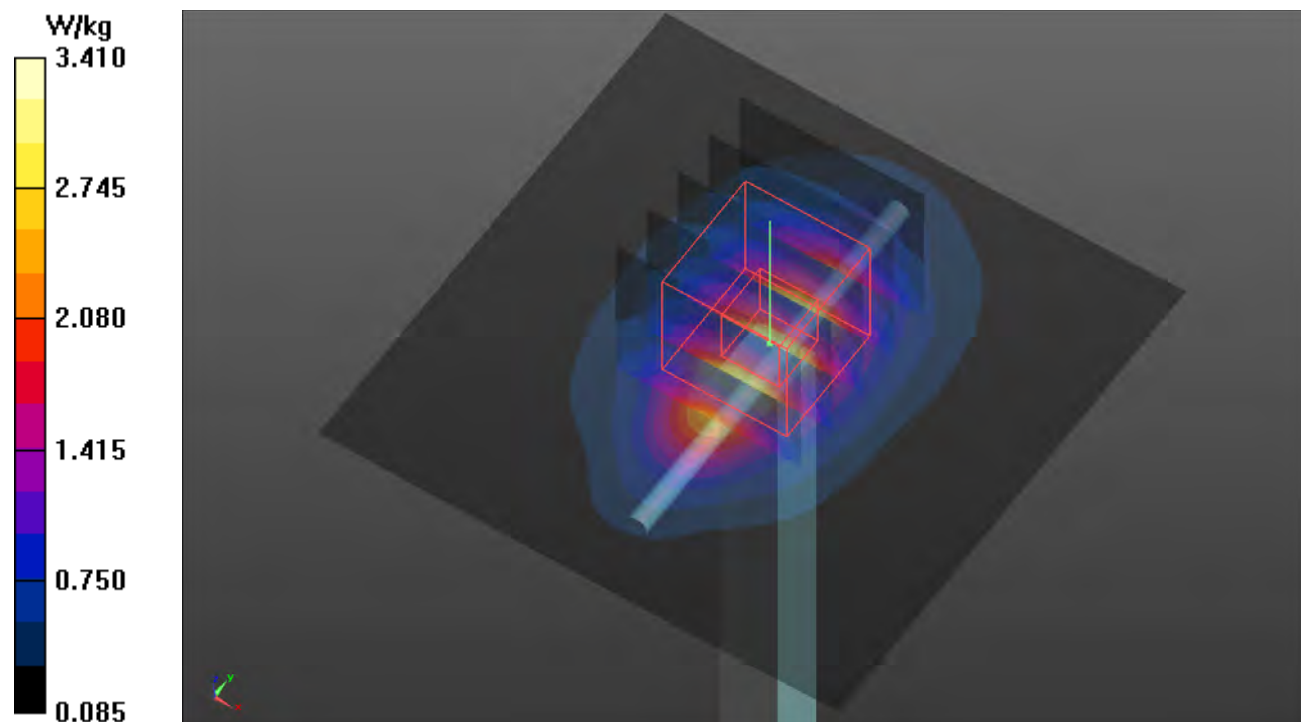
Pin=50mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 48.77 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 4.04 W/kg

SAR(1 g) = 2.08 W/kg; SAR(10 g) = 1.12 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 3.36 W/kg



S02 System Check_H1750_210923**DUT: Dipole 1750 MHz; Type: D1750V2; SN: 1111**

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

Medium: H16T20N1_0923 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.327$ S/m; $\epsilon_r = 38.853$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(8.64, 8.64, 8.64) @ 1750 MHz; Calibrated: 2021/01/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2021/03/24
- Phantom: ELI Phantom_1043; Type: QD OVA 002 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

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

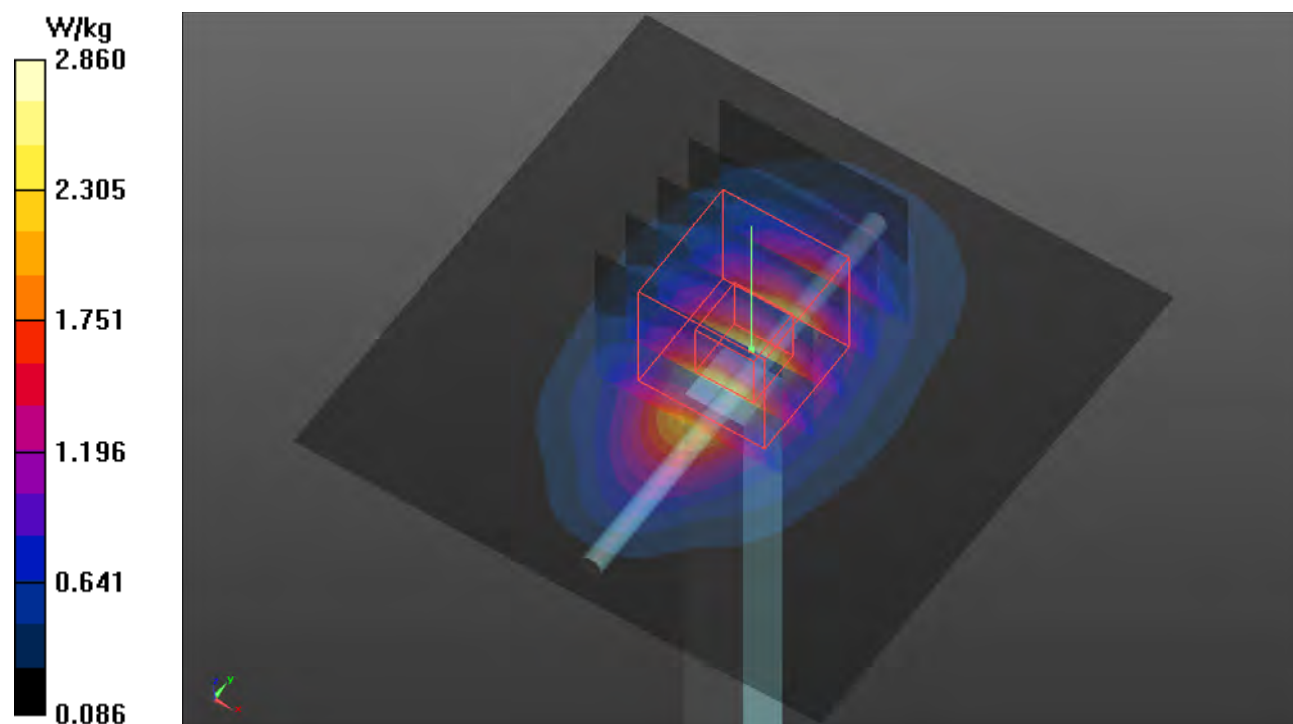
Pin=50mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 47.50 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 3.34 W/kg

SAR(1 g) = 1.86 W/kg; SAR(10 g) = 1.02 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 2.78 W/kg



S03 System Check_H835_210923

DUT: Dipole 835 MHz; Type: D835V2; SN: 4d092

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

Medium: H07T10N1_0923 Medium parameters used: $f = 835$ MHz; $\sigma = 0.909$ S/m; $\epsilon_r = 41.164$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(10.17, 10.17, 10.17) @ 835 MHz; Calibrated: 2021/01/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2021/03/24
- Phantom: ELI Phantom_1043; Type: QD OVA 002 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 0.683 W/kg

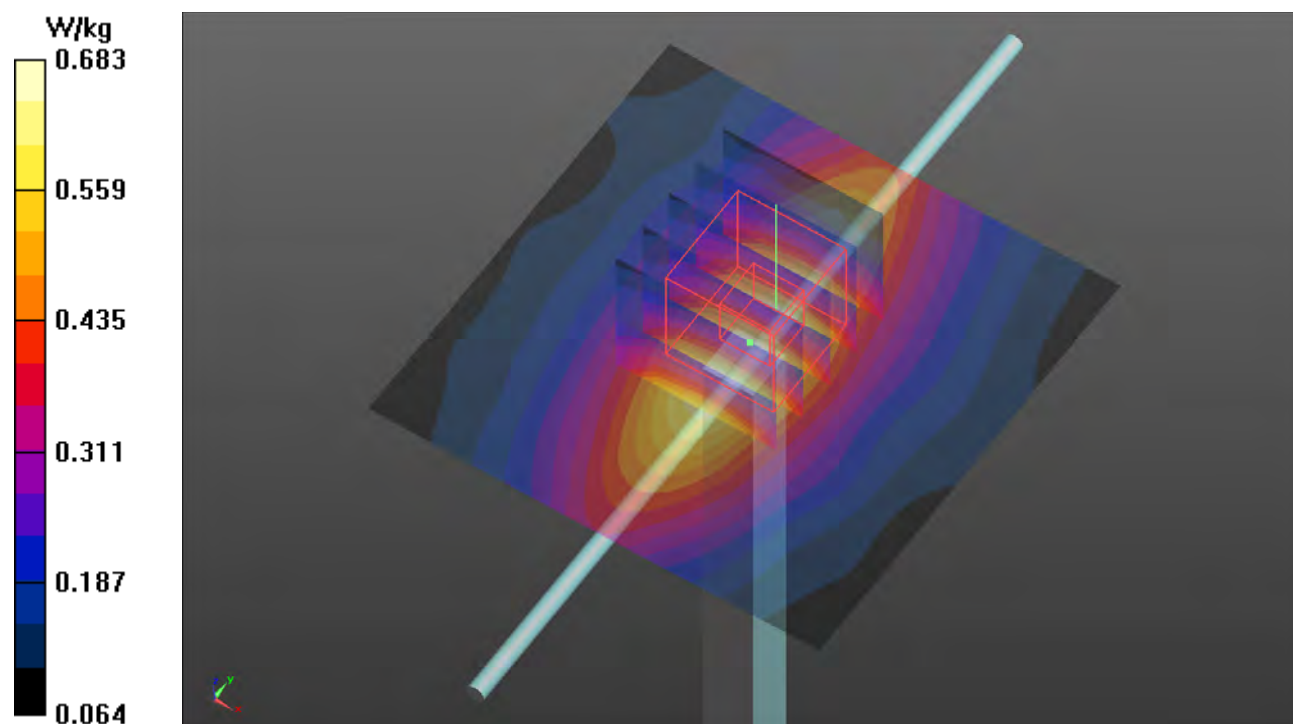
Pin=50mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.06 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.745 W/kg

SAR(1 g) = 0.507 W/kg; SAR(10 g) = 0.348 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.668 W/kg



S04 System Check_H1900_210923**DUT: Dipole 1900 MHz; Type: D1900V2; SN: 5d036**

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

Medium: H16T20N1_0923 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.455$ S/m; $\epsilon_r = 38.283$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(8.35, 8.35, 8.35) @ 1900 MHz; Calibrated: 2021/01/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2021/03/24
- Phantom: ELI Phantom_1043; Type: QD OVA 002 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 3.41 W/kg

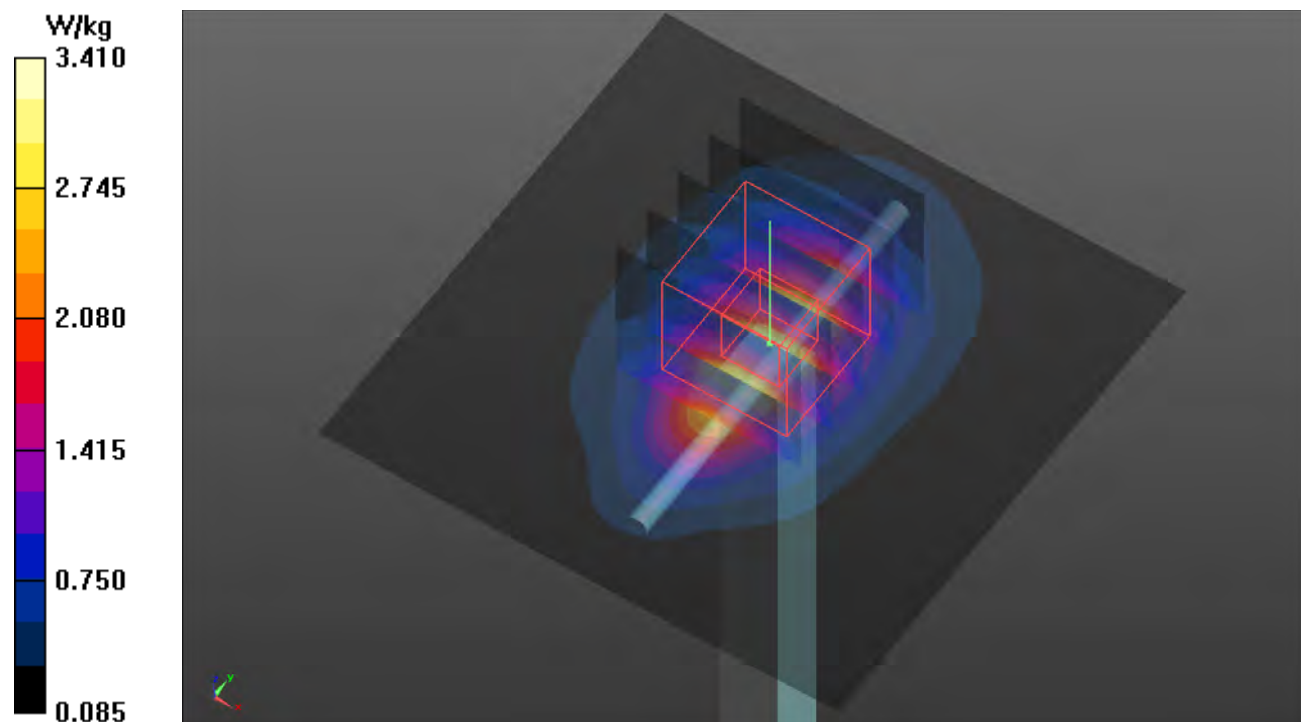
Pin=50mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 48.77 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 4.04 W/kg

SAR(1 g) = 2.08 W/kg; SAR(10 g) = 1.12 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 3.36 W/kg



S05 System Check_H1750_210923**DUT: Dipole 1750 MHz; Type: D1750V2; SN: 1111**

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

Medium: H16T20N1_0923 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.327$ S/m; $\epsilon_r = 38.853$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(8.64, 8.64, 8.64) @ 1750 MHz; Calibrated: 2021/01/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2021/03/24
- Phantom: ELI Phantom_1043; Type: QD OVA 002 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

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

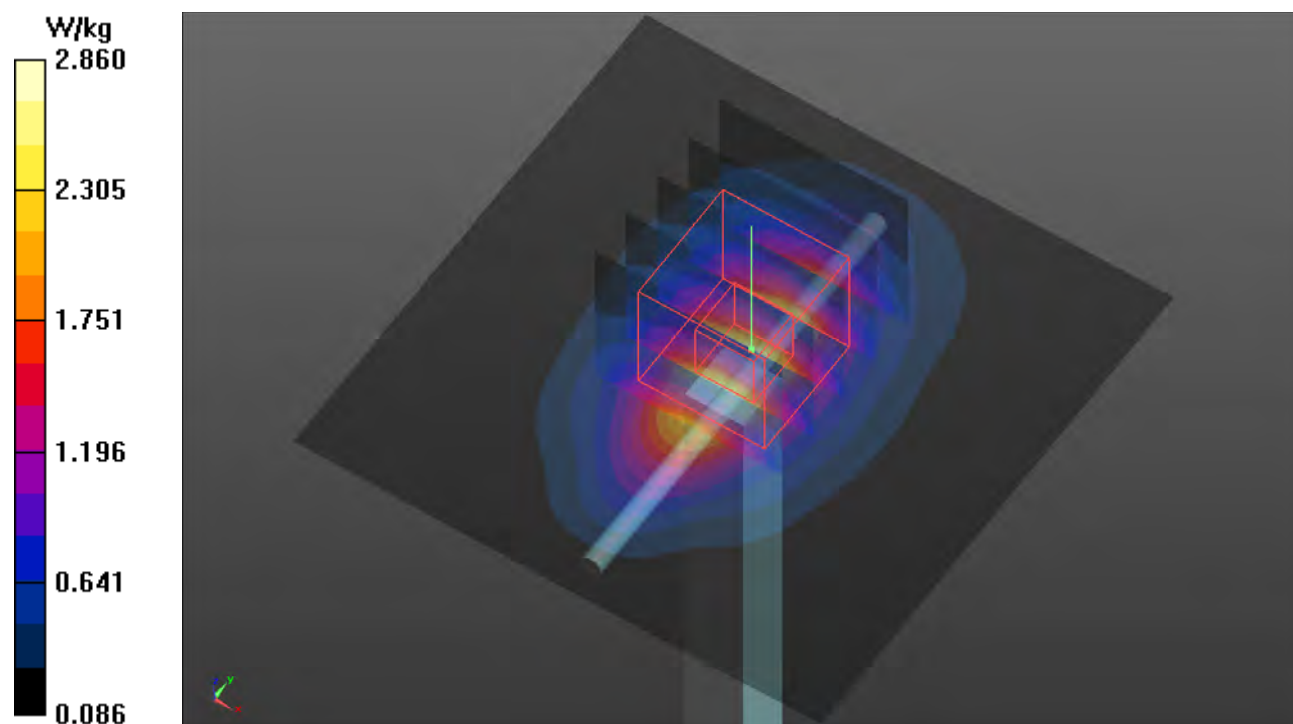
Pin=50mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 47.50 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 3.34 W/kg

SAR(1 g) = 1.86 W/kg; SAR(10 g) = 1.02 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 2.78 W/kg



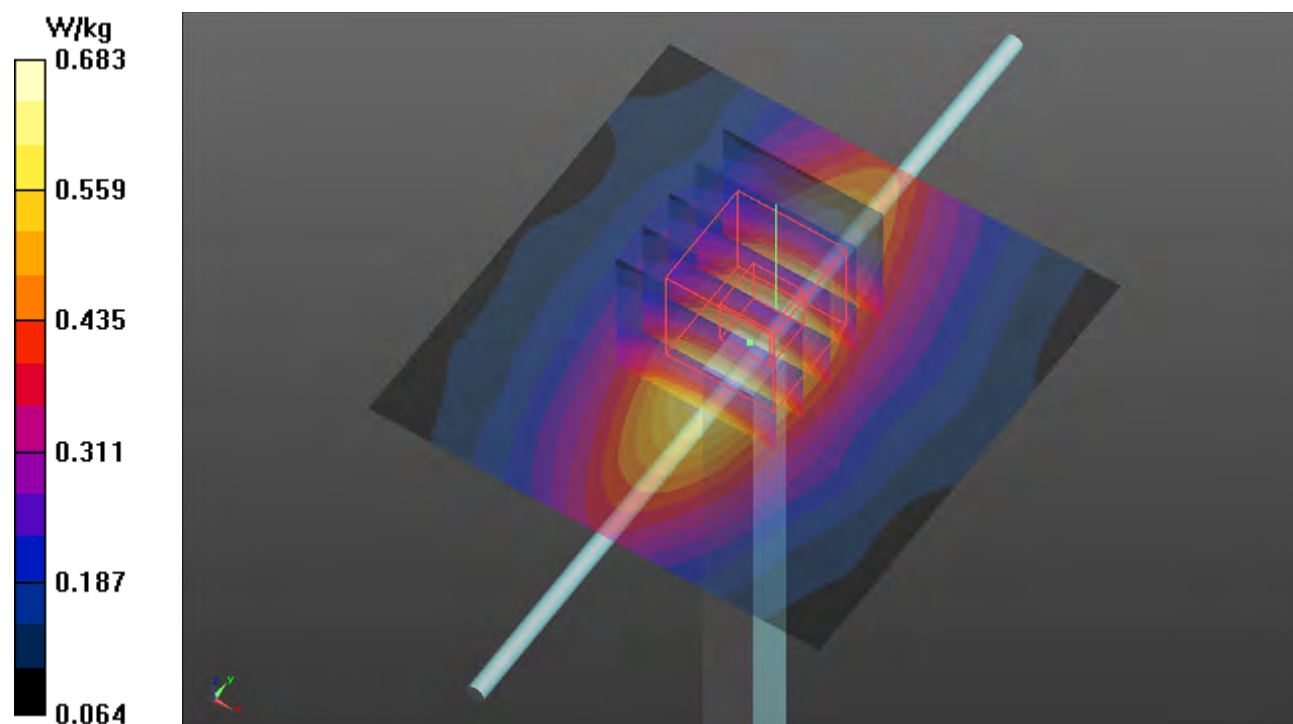
S06 System Check_H835_210923**DUT: Dipole 835 MHz; Type: D835V2; SN: 4d092**

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

Medium: H07T10N1_0923 Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 0.909 \text{ S/m}$; $\epsilon_r = 41.164$; $\rho = 1000 \text{ kg/m}^3$ Ambient Temperature : $23.6 \text{ }^\circ\text{C}$; Liquid Temperature : $23.4 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(10.17, 10.17, 10.17) @ 835 MHz; Calibrated: 2021/01/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2021/03/24
- Phantom: ELI Phantom_1043; Type: QD OVA 002 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Pin=50mW/Area Scan (61x61x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 0.683 W/kg **Pin=50mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 28.06 V/m ; Power Drift = -0.12 dB Peak SAR (extrapolated) = 0.745 W/kg **SAR(1 g) = 0.507 W/kg ; SAR(10 g) = 0.348 W/kg** (SAR corrected for target medium)Maximum value of SAR (measured) = 0.668 W/kg 

S07 System Check_H2600_211105

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

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

Medium: H19T27N1_1105 Medium parameters used: $f = 2600$ MHz; $\sigma = 2.042$ S/m; $\epsilon_r = 37.776$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7537; ConvF(7.41, 7.41, 7.41) @ 2600 MHz; Calibrated: 2021/04/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2021/04/15
- Phantom: ELI Phantom_2118; Type: QD OVA 004 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 4.89 W/kg

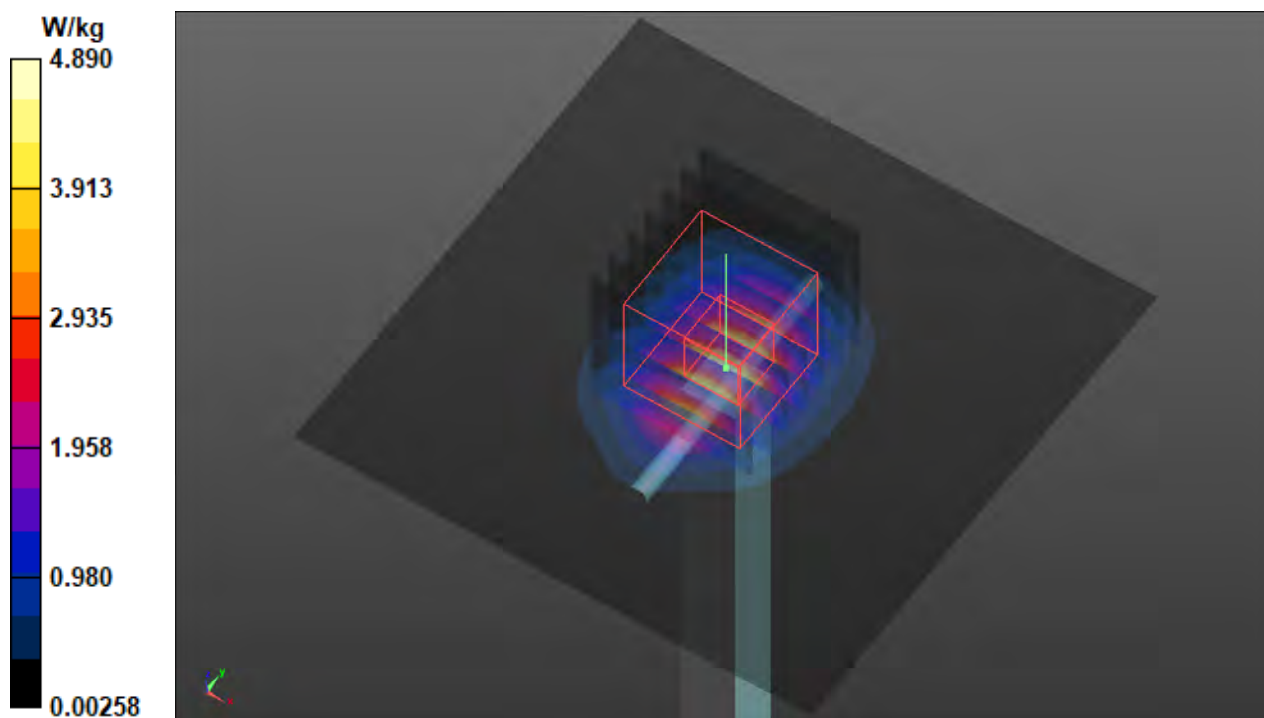
Pin=50mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 51.45 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 5.99 W/kg

SAR(1 g) = 2.78 W/kg; SAR(10 g) = 1.28 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 4.84 W/kg



S08 System Check_H750_210923**DUT: Dipole 750 MHz; Type: D750V3; SN: 1078**

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

Medium: H06T09N1_0923 Medium parameters used: $f = 750$ MHz; $\sigma = 0.888$ S/m; $\epsilon_r = 41.557$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(10.45, 10.45, 10.45) @ 750 MHz; Calibrated: 2021/01/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2021/03/24
- Phantom: ELI Phantom_1043; Type: QD OVA 002 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 0.610 W/kg

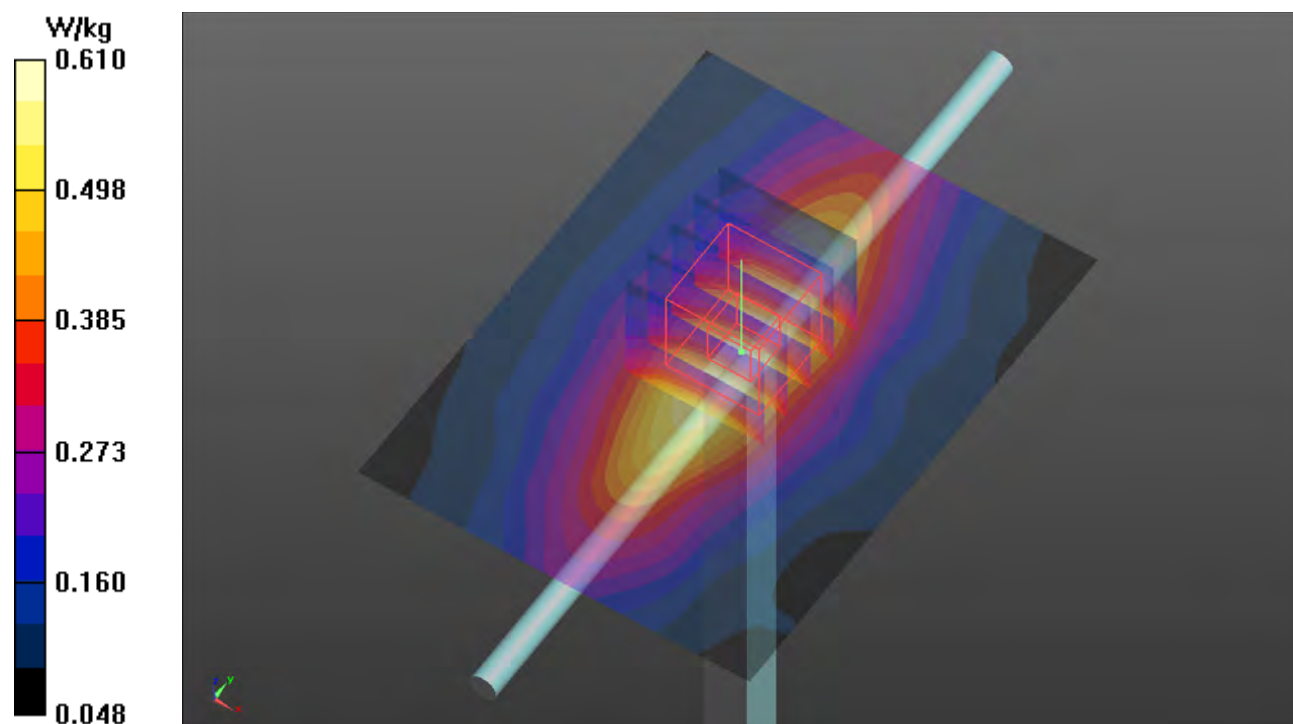
Pin=50mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.98 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.671 W/kg

SAR(1 g) = 0.463 W/kg; SAR(10 g) = 0.325 W/kg (SAR corrected for target medium)

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



S09 System Check_H750_210923**DUT: Dipole 750 MHz; Type: D750V3; SN: 1078**

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

Medium: H06T09N1_0923 Medium parameters used: $f = 750$ MHz; $\sigma = 0.888$ S/m; $\epsilon_r = 41.557$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(10.45, 10.45, 10.45) @ 750 MHz; Calibrated: 2021/01/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2021/03/24
- Phantom: ELI Phantom_1043; Type: QD OVA 002 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 0.610 W/kg

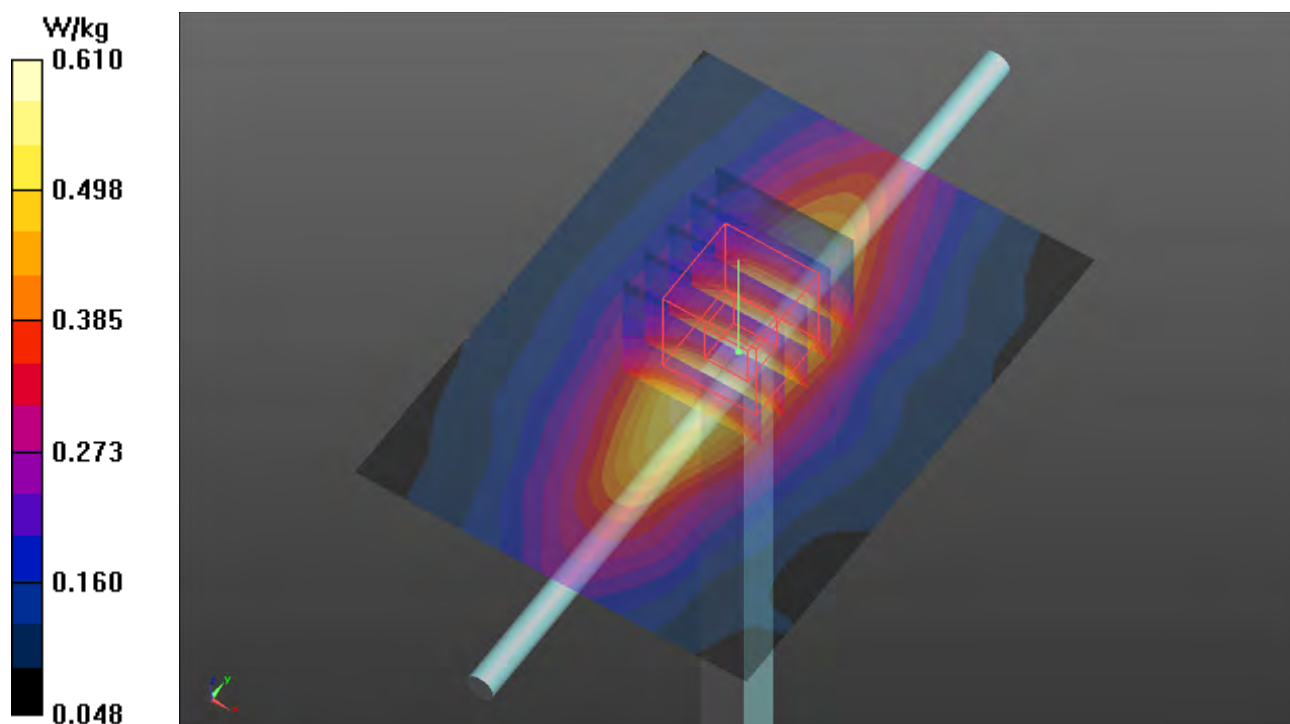
Pin=50mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.98 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.671 W/kg

SAR(1 g) = 0.463 W/kg; SAR(10 g) = 0.325 W/kg (SAR corrected for target medium)

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



S10 System Check_H750_210923**DUT: Dipole 750 MHz; Type: D750V3; SN: 1078**

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

Medium: H06T09N1_0923 Medium parameters used: $f = 750$ MHz; $\sigma = 0.888$ S/m; $\epsilon_r = 41.557$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(10.45, 10.45, 10.45) @ 750 MHz; Calibrated: 2021/01/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2021/03/24
- Phantom: ELI Phantom_1043; Type: QD OVA 002 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 0.610 W/kg

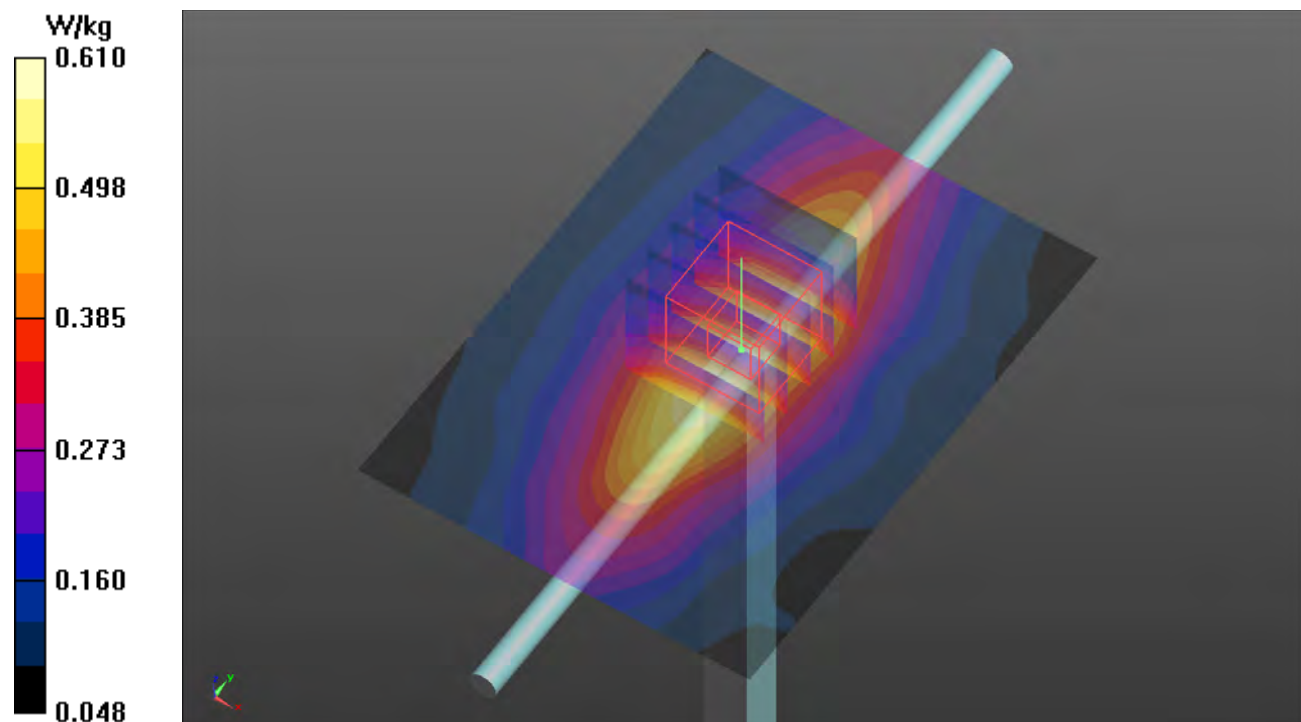
Pin=50mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.98 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.671 W/kg

SAR(1 g) = 0.463 W/kg; SAR(10 g) = 0.325 W/kg (SAR corrected for target medium)

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



S11 System Check_H750_210923

DUT: Dipole 750 MHz; Type: D750V3; SN: 1078

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

Medium: H06T09N1_0923 Medium parameters used: $f = 750$ MHz; $\sigma = 0.888$ S/m; $\epsilon_r = 41.557$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(10.45, 10.45, 10.45) @ 750 MHz; Calibrated: 2021/01/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2021/03/24
- Phantom: ELI Phantom_1043; Type: QD OVA 002 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 0.610 W/kg

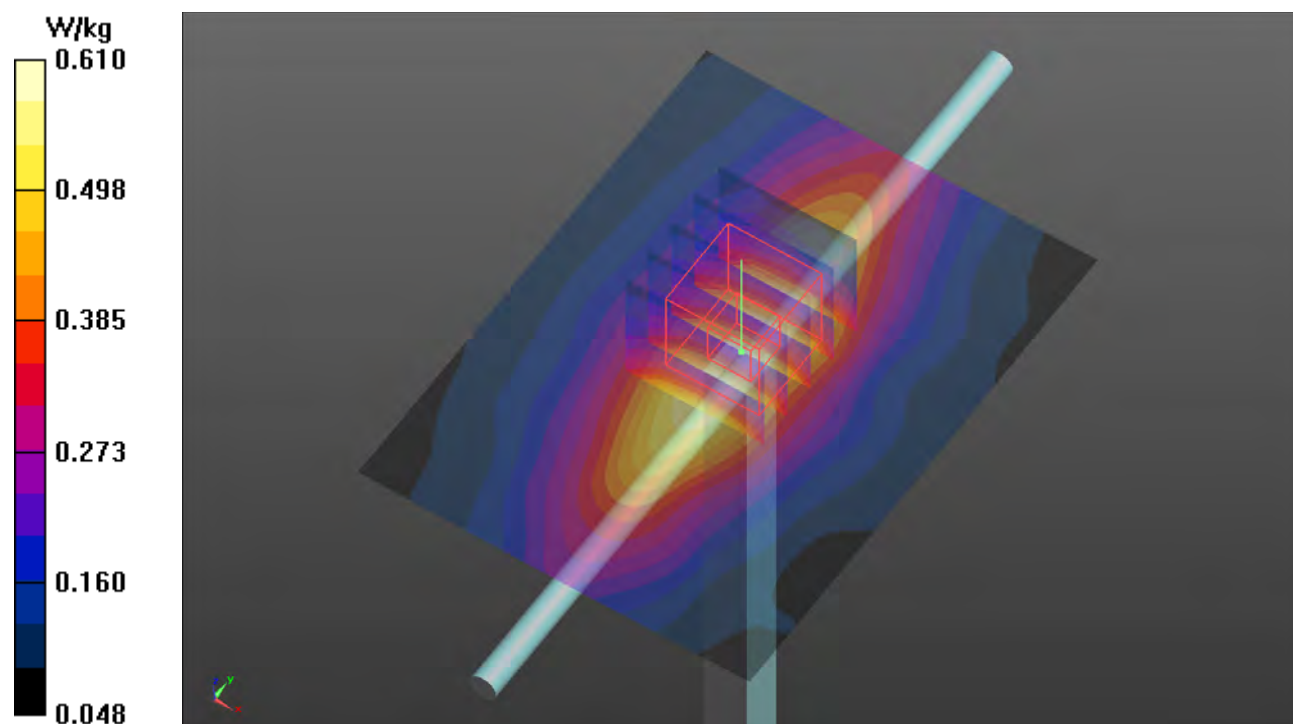
Pin=50mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.98 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.671 W/kg

SAR(1 g) = 0.463 W/kg; SAR(10 g) = 0.325 W/kg (SAR corrected for target medium)

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



S12 System Check_H1900_210924**DUT: Dipole 1900 MHz; Type: D1900V2; SN: 5d036**

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

Medium: H16T20N1_0924 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.456$ S/m; $\epsilon_r = 39.099$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(8.35, 8.35, 8.35) @ 1900 MHz; Calibrated: 2021/01/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2021/03/24
- Phantom: ELI Phantom_1043; Type: QD OVA 002 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

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

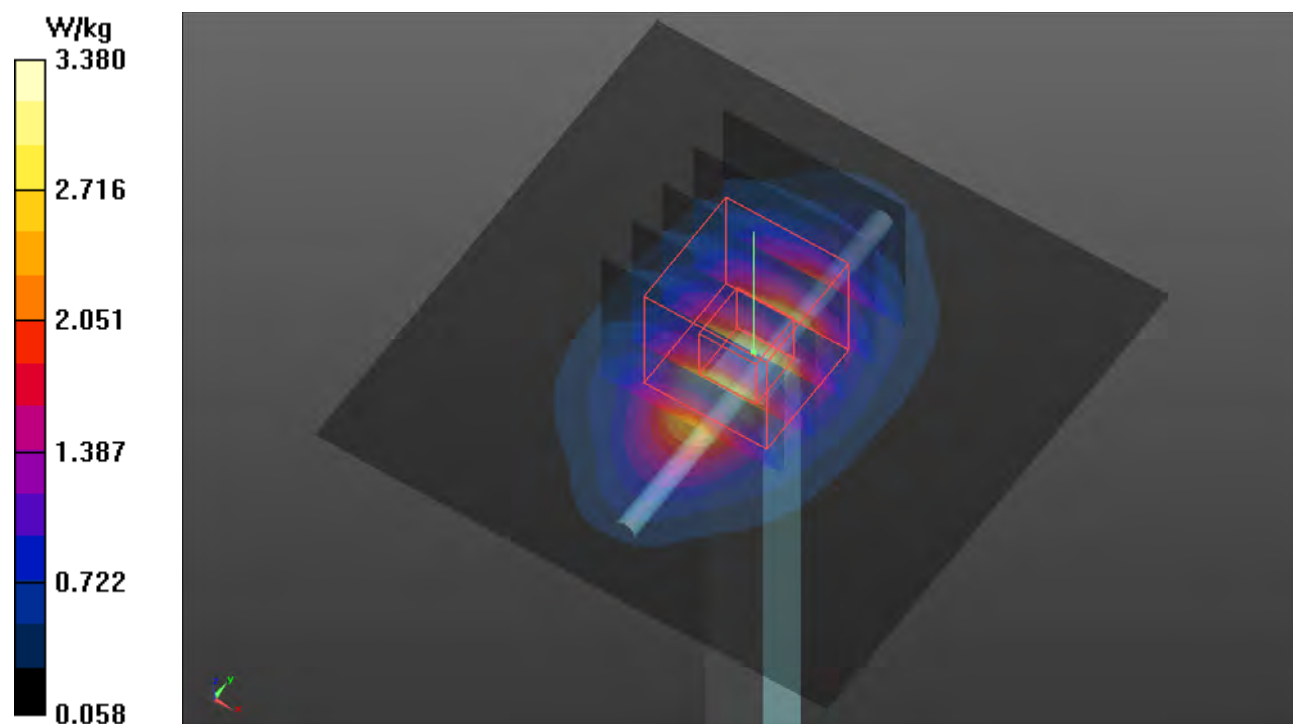
Pin=50mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 49.35 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 4.08 W/kg

SAR(1 g) = 2.08 W/kg; SAR(10 g) = 1.12 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 3.37 W/kg



S13 System Check_H835_210924

DUT: Dipole 835 MHz; Type: D835V2; SN: 4d092

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

Medium: H07T10N1_0924 Medium parameters used: $f = 835$ MHz; $\sigma = 0.915$ S/m; $\epsilon_r = 40.603$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(10.17, 10.17, 10.17) @ 835 MHz; Calibrated: 2021/01/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2021/03/24
- Phantom: ELI Phantom_1043; Type: QD OVA 002 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 0.650 W/kg

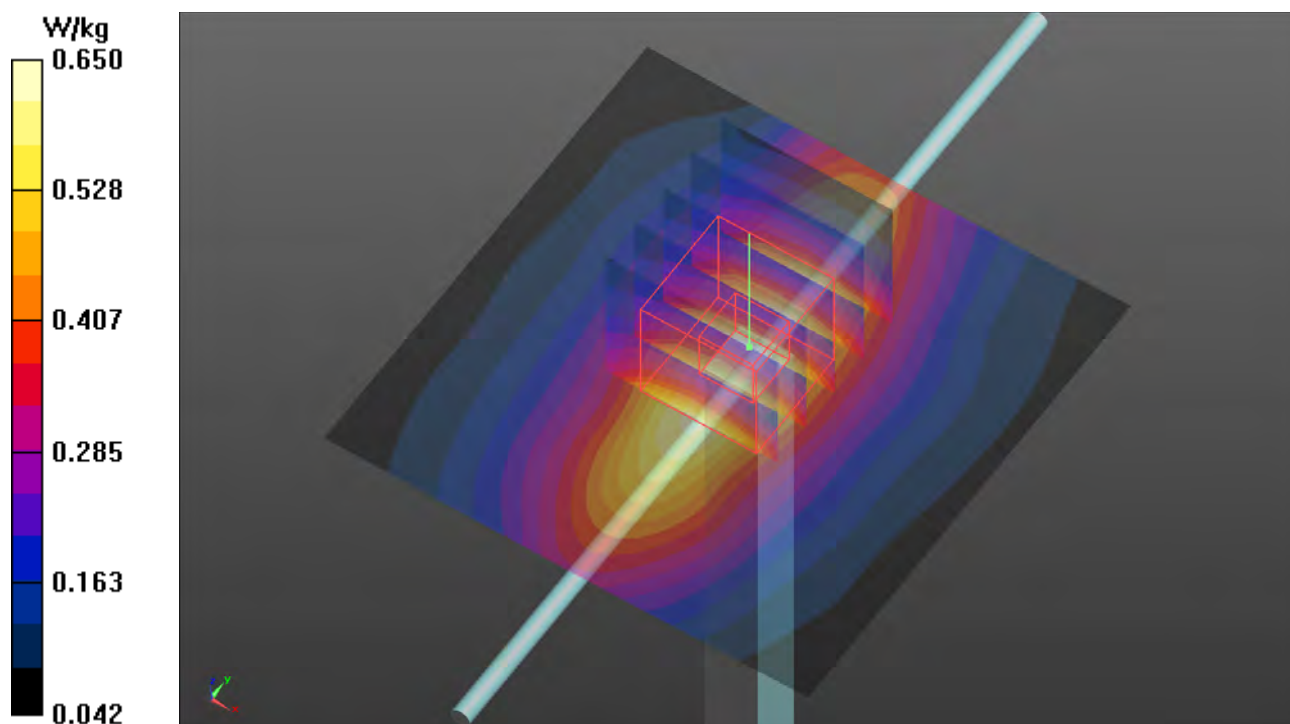
Pin=50mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.57 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.742 W/kg

SAR(1 g) = 0.477 W/kg; SAR(10 g) = 0.325 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.657 W/kg



S14 System Check_H2300_210924**DUT: Dipole 2300 MHz; Type: D2300V2; SN:1004**

Communication System: UID 0, CW; Frequency: 2300 MHz; Duty Cycle: 1:1

Medium: H19T27N1_0924 Medium parameters used: $f = 2300$ MHz; $\sigma = 1.732$ S/m; $\epsilon_r = 38.842$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(7.99, 7.99, 7.99) @ 2300 MHz; Calibrated: 2021/01/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2021/03/24
- Phantom: ELI Phantom_1043; Type: QD OVA 002 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 3.20 W/kg

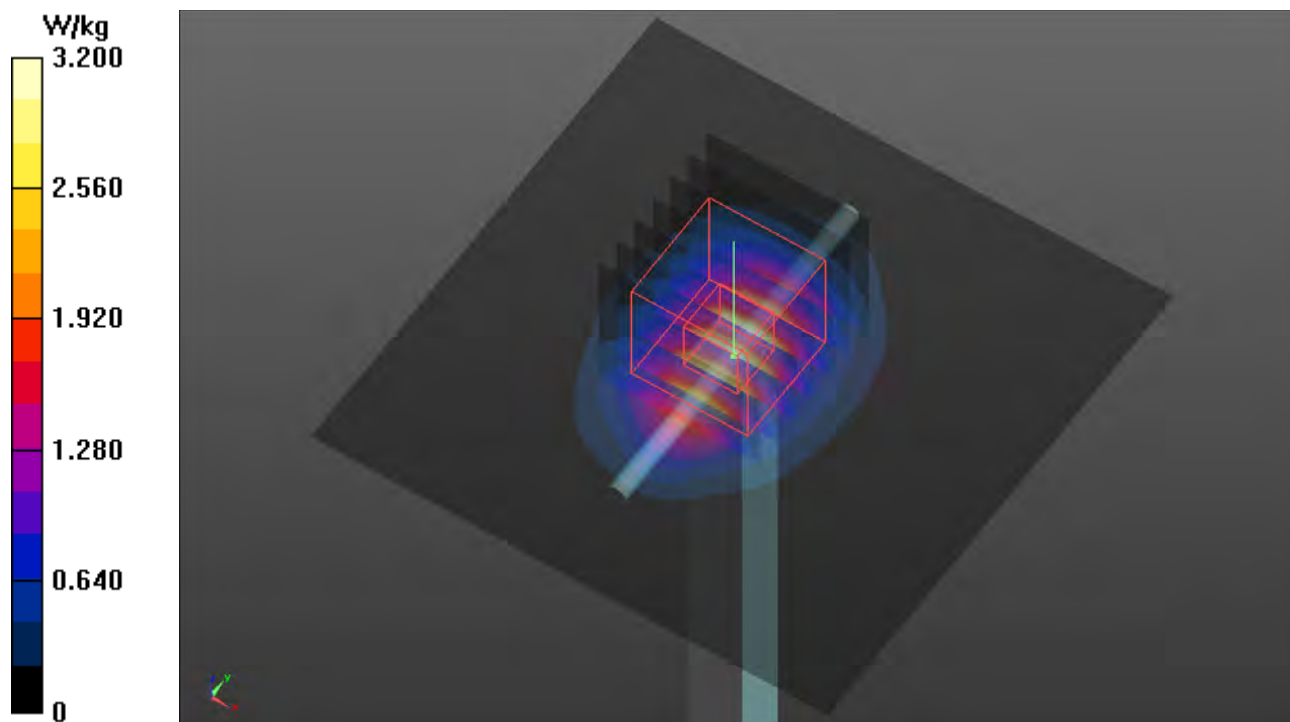
Pin=50mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 43.36 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 4.03 W/kg

SAR(1 g) = 2.27 W/kg; SAR(10 g) = 1.08 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 3.29 W/kg



S15 System Check_H2600_210924**DUT: Dipole 2600 MHz; Type: D2600V2; SN: 1020**

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

Medium: H19T27N1_0924 Medium parameters used: $f = 2600$ MHz; $\sigma = 2.036$ S/m; $\epsilon_r = 37.736$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(7.72, 7.72, 7.72) @ 2600 MHz; Calibrated: 2021/01/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2021/03/24
- Phantom: ELI Phantom_1043; Type: QD OVA 002 Ax
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 5.19 W/kg

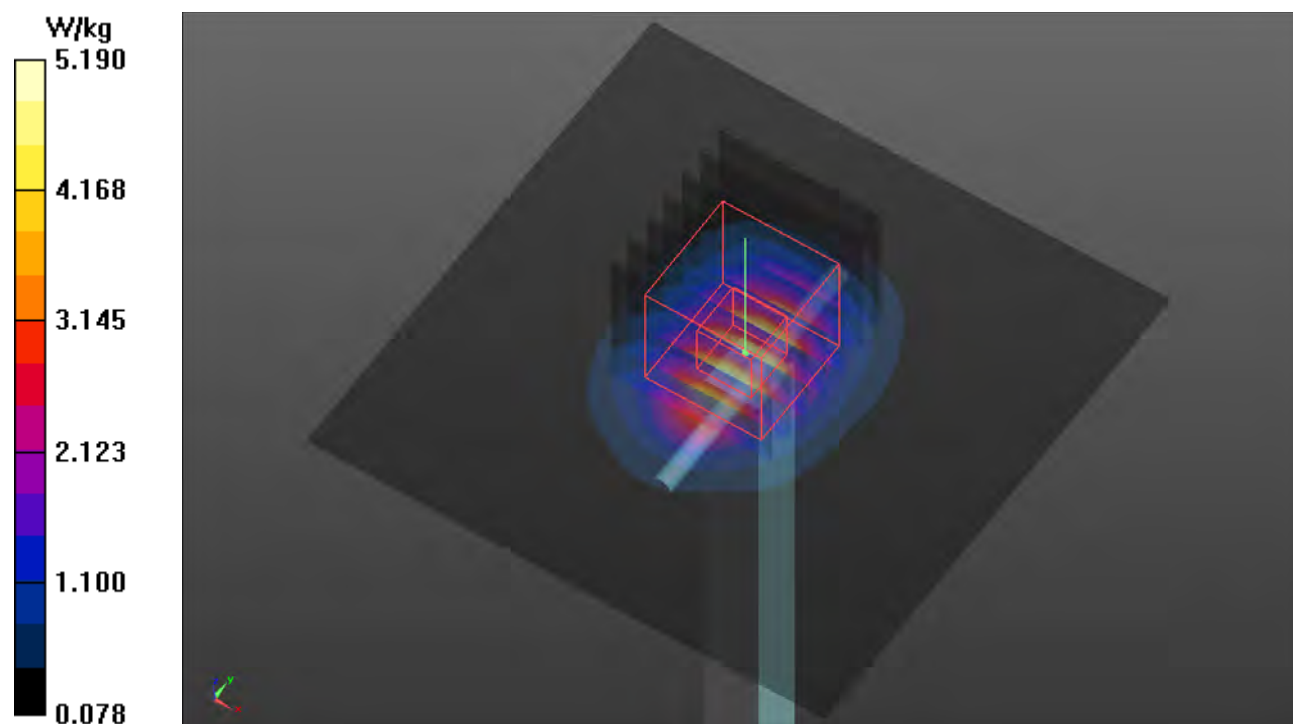
Pin=50mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 51.47 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 6.42 W/kg

SAR(1 g) = 2.97 W/kg; SAR(10 g) = 1.39 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 5.12 W/kg



S16 System Check_H2600_210924**DUT: Dipole 2600 MHz; Type: D2600V2; SN: 1020**

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

Medium: H19T27N1_0924 Medium parameters used: $f = 2600$ MHz; $\sigma = 2.036$ S/m; $\epsilon_r = 37.736$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(7.72, 7.72, 7.72) @ 2600 MHz; Calibrated: 2021/01/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2021/03/24
- Phantom: ELI Phantom_1043; Type: QD OVA 002 Ax
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 5.19 W/kg

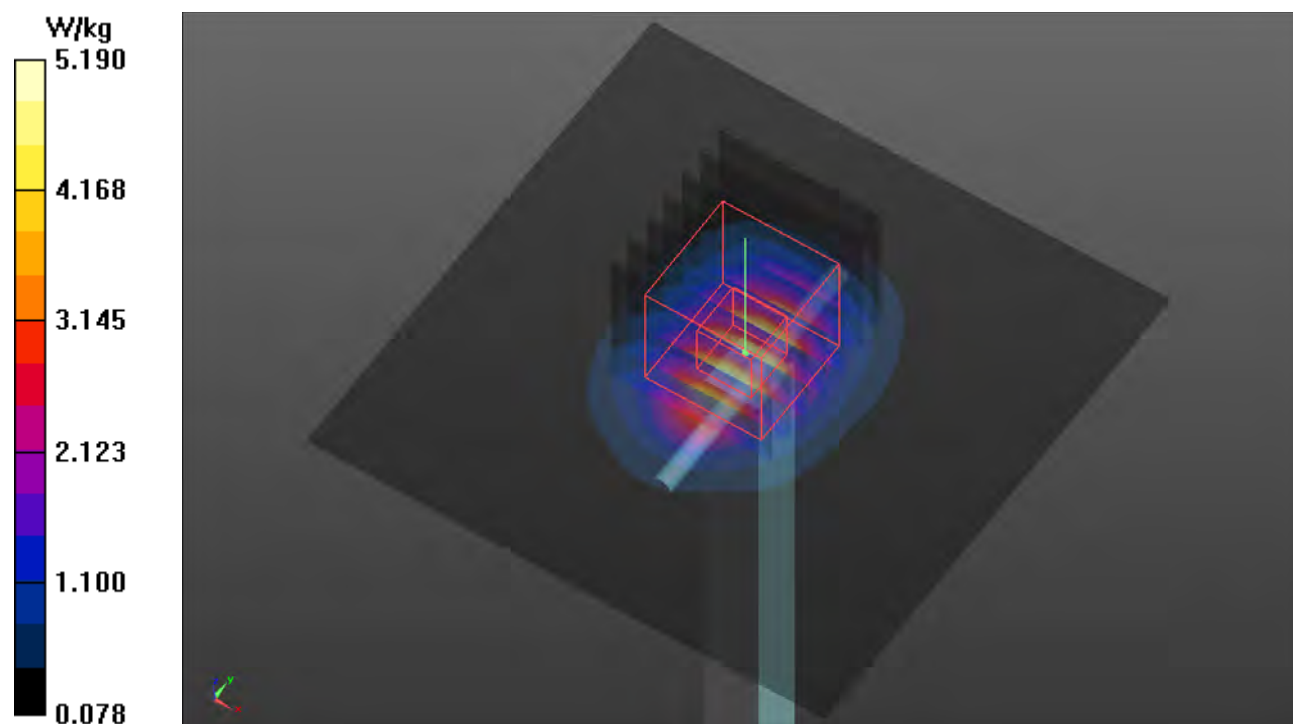
Pin=50mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 51.47 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 6.42 W/kg

SAR(1 g) = 2.97 W/kg; SAR(10 g) = 1.39 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 5.12 W/kg



S17 System Check_H1750_210924**DUT: Dipole 1750 MHz; Type: D1750V2; SN: 1111**

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

Medium: H16T20N1_0924 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.322$ S/m; $\epsilon_r = 39.664$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(8.64, 8.64, 8.64) @ 1750 MHz; Calibrated: 2021/01/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2021/03/24
- Phantom: ELI Phantom_1043; Type: QD OVA 002 Ax
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 2.82 W/kg

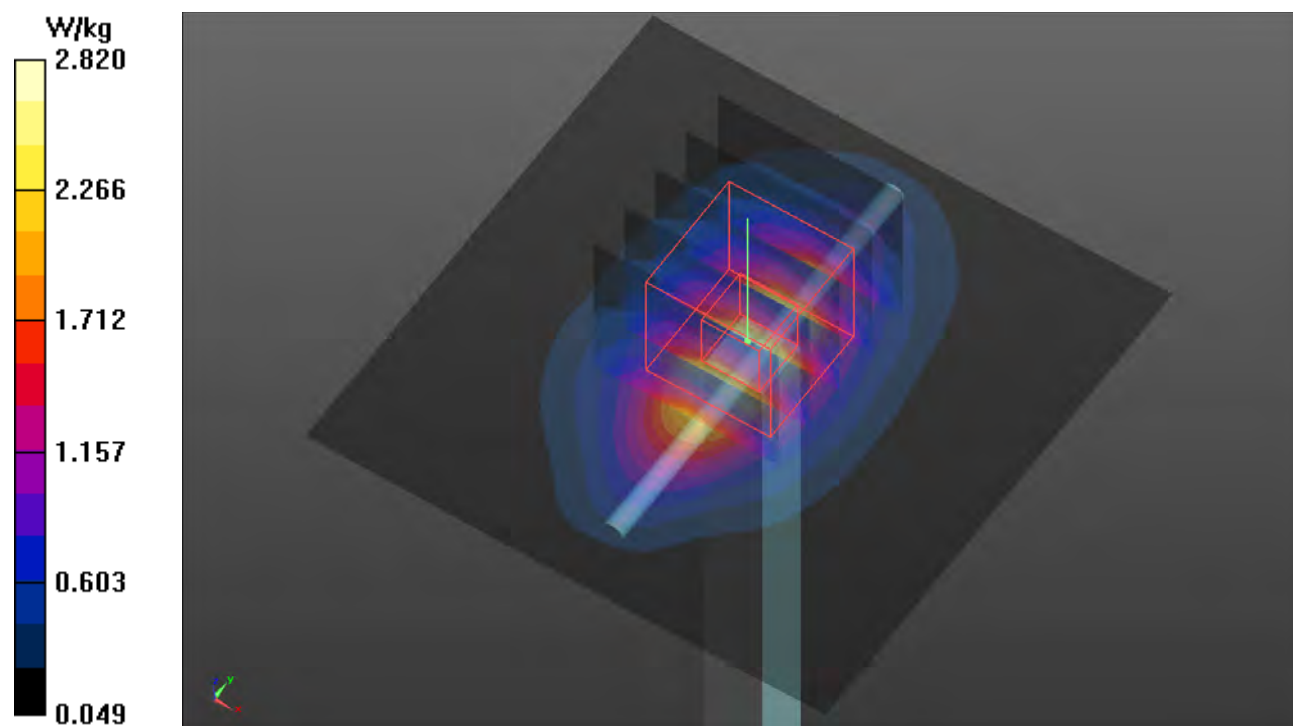
Pin=50mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 46.74 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 3.27 W/kg

SAR(1 g) = 1.84 W/kg; SAR(10 g) = 0.989 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 2.75 W/kg



S18 System Check_H2450_210922**DUT: Dipole 2450 MHz; Type: D2450V2; SN: 835**

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

Medium: H19T27N1_0922 Medium parameters used (interpolated): $f = 2450$ MHz; $\sigma = 1.87$ S/m; $\epsilon_r = 37.896$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(7.87, 7.87, 7.87) @ 2450 MHz; Calibrated: 2021/01/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2021/03/24
- Phantom: ELI Phantom_1043; Type: QD OVA 002 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 3.88 W/kg

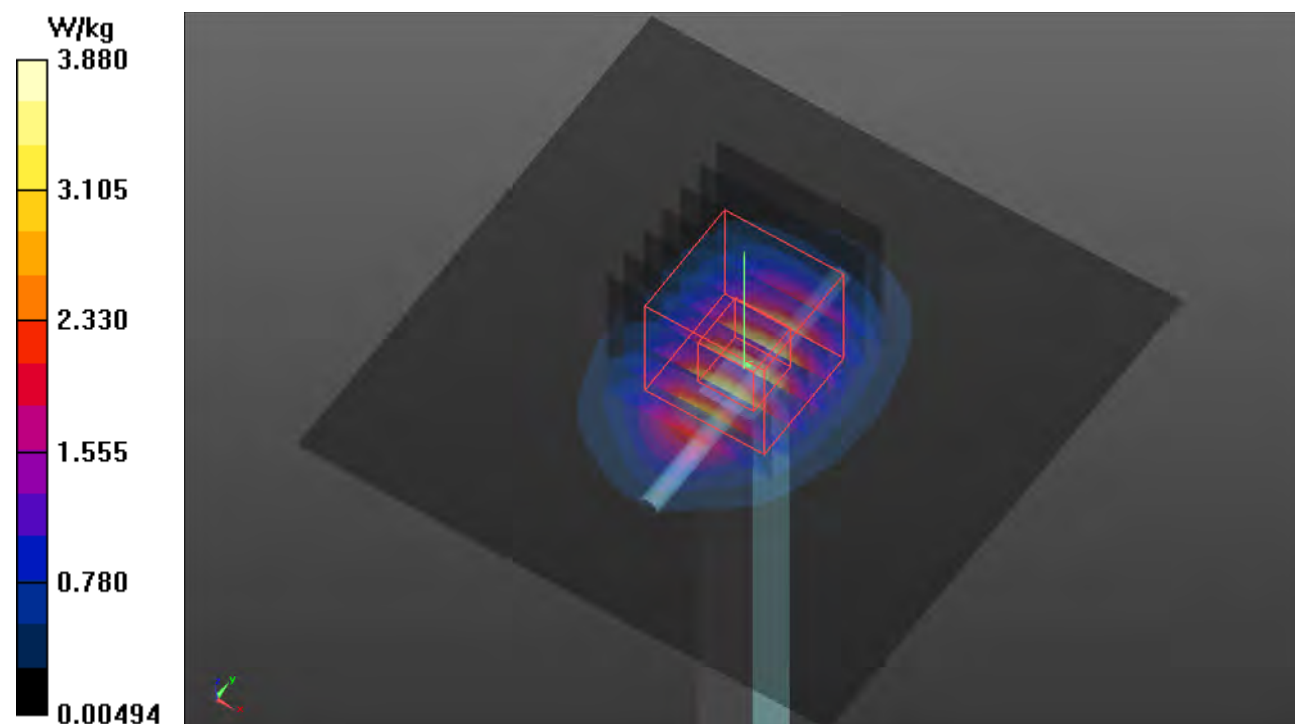
Pin=50mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 46.79 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 4.71 W/kg

SAR(1 g) = 2.45 W/kg; SAR(10 g) = 1.14 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 3.84 W/kg



S19 System Check_H5250_210928**DUT: Dipole 5 GHz; Type: D5GHzV2; SN: 1019**

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

Medium: H34T60N1_0928 Medium parameters used: $f = 5250$ MHz; $\sigma = 4.818$ S/m; $\epsilon_r = 35.611$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(5.2, 5.2, 5.2) @ 5250 MHz; Calibrated: 2021/01/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2021/03/24
- Phantom: ELI Phantom_1043; Type: QD OVA 002 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 8.63 W/kg

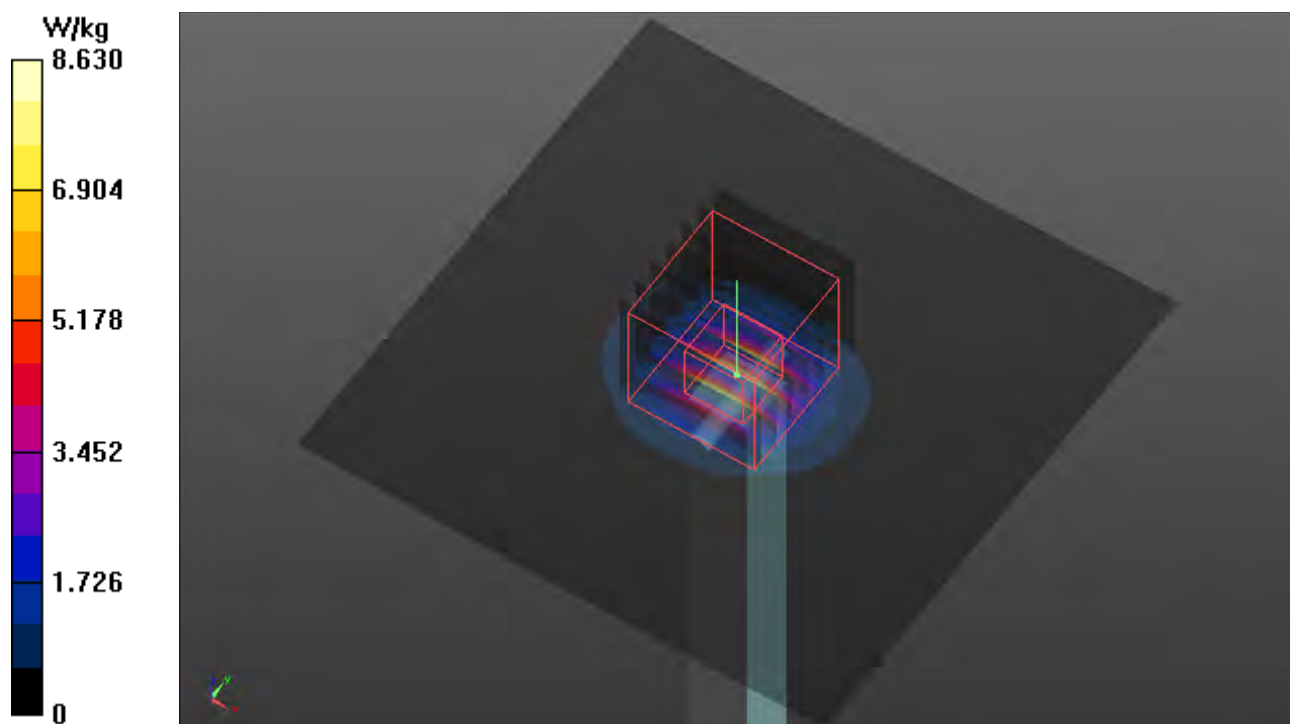
Pin=50mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 48.11 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 14.0 W/kg

SAR(1 g) = 3.71 W/kg; SAR(10 g) = 1.08 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 9.18 W/kg



S20 System Check_H5600_210928**DUT: Dipole 5 GHz; Type: D5GHzV2; SN: 1019**

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

Medium: H34T60N1_0928 Medium parameters used: $f = 5600$ MHz; $\sigma = 5.197$ S/m; $\epsilon_r = 35.011$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(4.9, 4.9, 4.9) @ 5600 MHz; Calibrated: 2021/01/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2021/03/24
- Phantom: ELI Phantom_1043; Type: QD OVA 002 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 9.34 W/kg

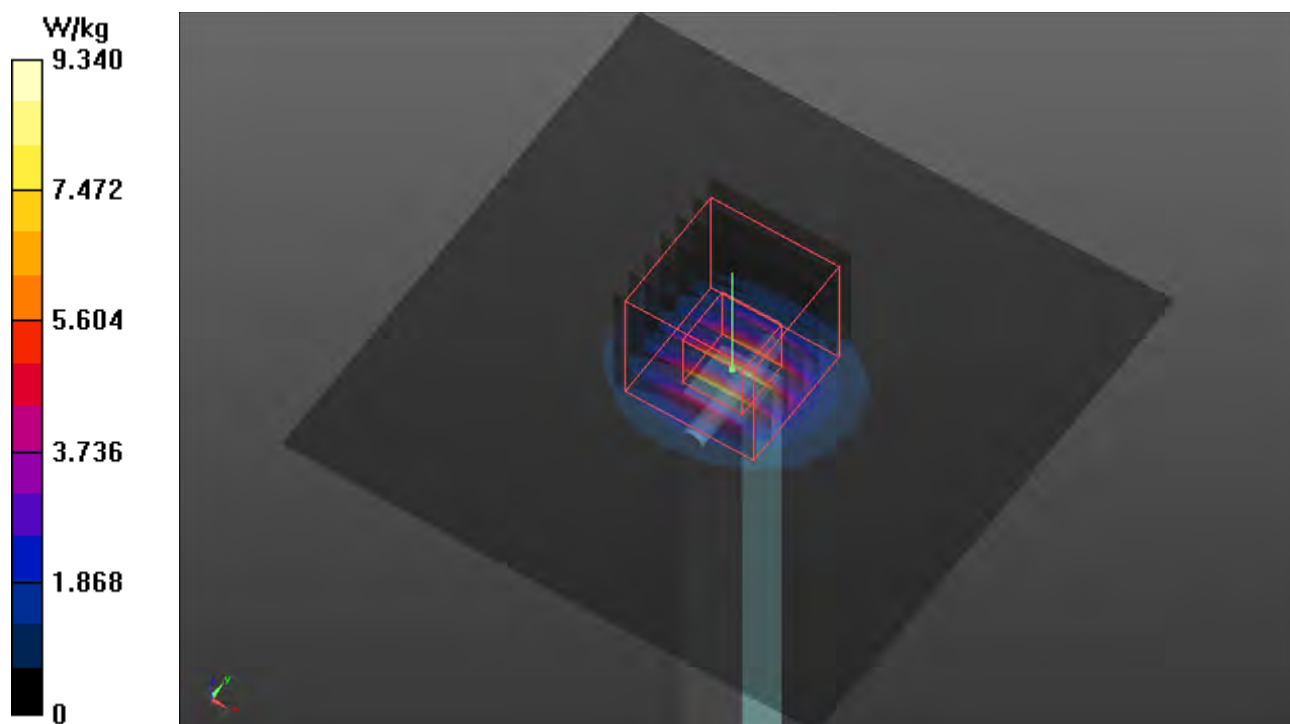
Pin=50mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 48.18 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 15.5 W/kg

SAR(1 g) = 3.9 W/kg; SAR(10 g) = 1.12 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 9.80 W/kg



S21 System Check_H5750_210930

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

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

Medium: H34T60N1_0930 Medium parameters used: $f = 5750$ MHz; $\sigma = 5.36$ S/m; $\epsilon_r = 34.663$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(4.95, 4.95, 4.95) @ 5750 MHz; Calibrated: 2021/01/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2021/03/24
- Phantom: ELI Phantom_1043; Type: QD OVA 002 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 8.50 W/kg

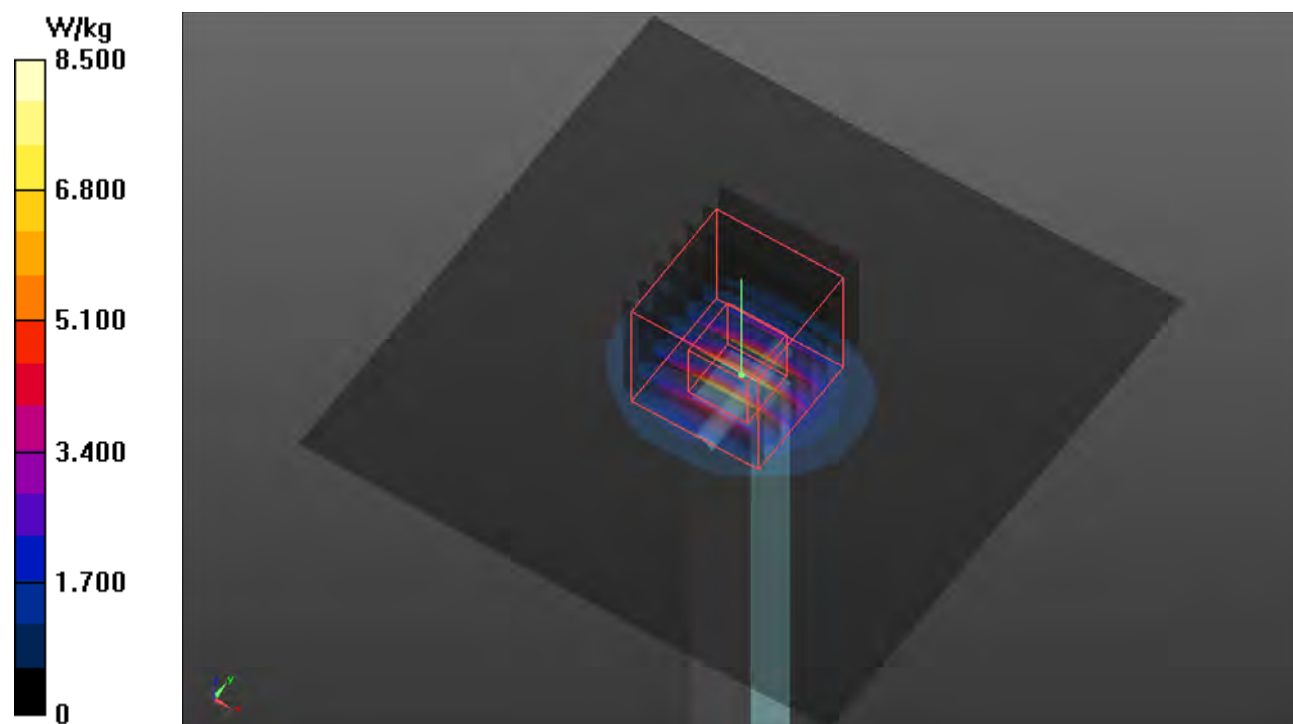
Pin=50mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 45.33 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 14.7 W/kg

SAR(1 g) = 3.67 W/kg; SAR(10 g) = 1.07 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 8.97 W/kg



S22 System Check_H2450_210922**DUT: Dipole 2450 MHz; Type: D2450V2; SN: 835**

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

Medium: H19T27N1_0922 Medium parameters used (interpolated): $f = 2450$ MHz; $\sigma = 1.87$ S/m; $\epsilon_r = 37.896$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(7.87, 7.87, 7.87) @ 2450 MHz; Calibrated: 2021/01/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2021/03/24
- Phantom: ELI Phantom_1043; Type: QD OVA 002 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 3.88 W/kg

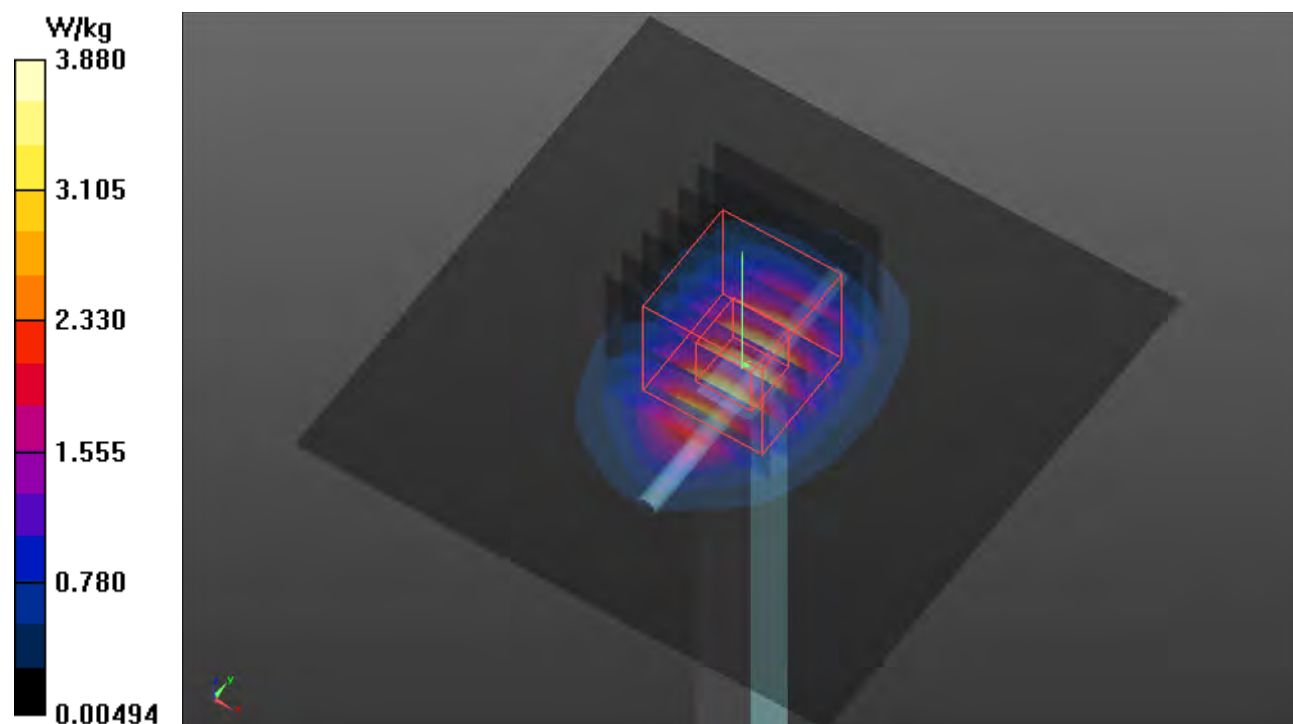
Pin=50mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 46.79 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 4.71 W/kg

SAR(1 g) = 2.45 W/kg; SAR(10 g) = 1.14 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 3.84 W/kg



S23 System Check_H1900_210927**DUT: Dipole 1900 MHz; Type: D1900V2; SN: 5d036**

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

Medium: H16T20N1_0927 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.46$ S/m; $\epsilon_r = 40.3$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C ; Liquid Temperature : 23.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(8.35, 8.35, 8.35) @ 1900 MHz; Calibrated: 2021/01/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2021/03/24
- Phantom: ELI Phantom_1043; Type: QD OVA 002 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 3.39 W/kg

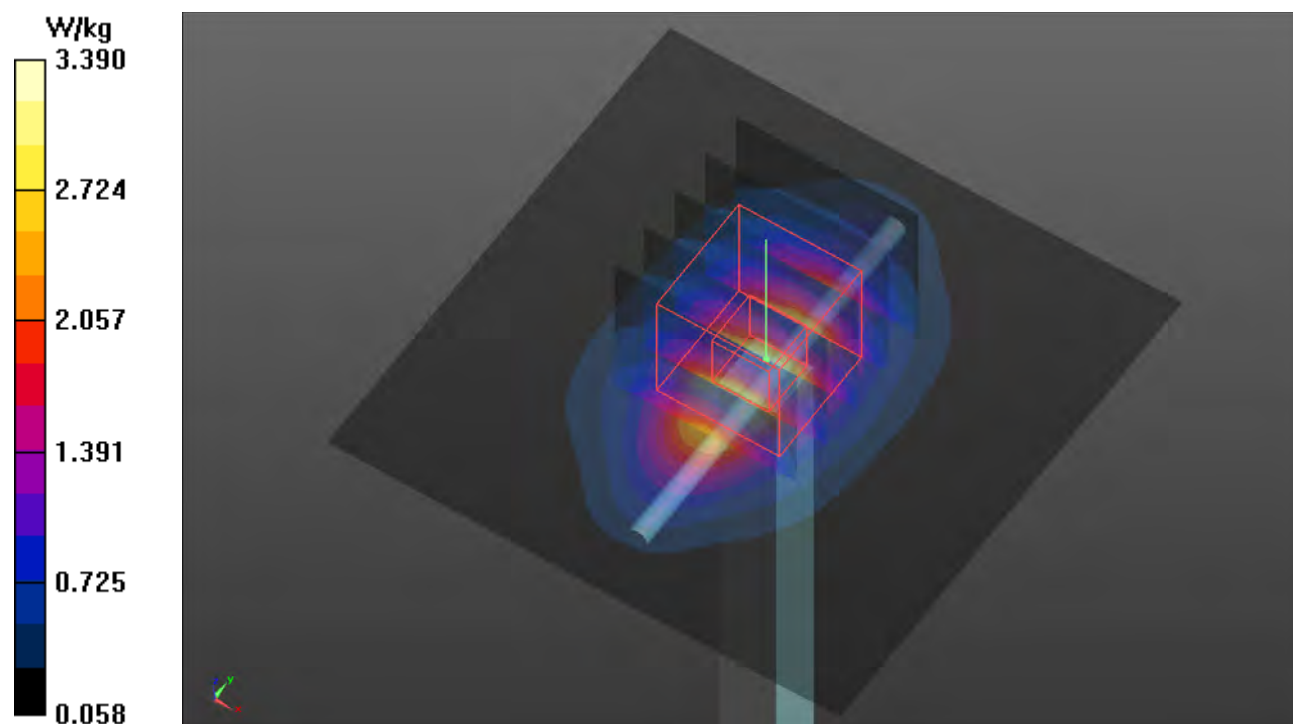
Pin=50mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 49.35 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 4.10 W/kg

SAR(1 g) = 2.1 W/kg; SAR(10 g) = 1.13 W/kg (SAR corrected for target medium)

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



S24 System Check_H1750_210927**DUT: Dipole 1750 MHz; Type: D1750V2; SN: 1111**

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

Medium: H16T20N1_0927 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.323$ S/m; $\epsilon_r = 40.825$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C ; Liquid Temperature : 23.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(8.64, 8.64, 8.64) @ 1750 MHz; Calibrated: 2021/01/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2021/03/24
- Phantom: ELI Phantom_1043; Type: QD OVA 002 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 2.82 W/kg

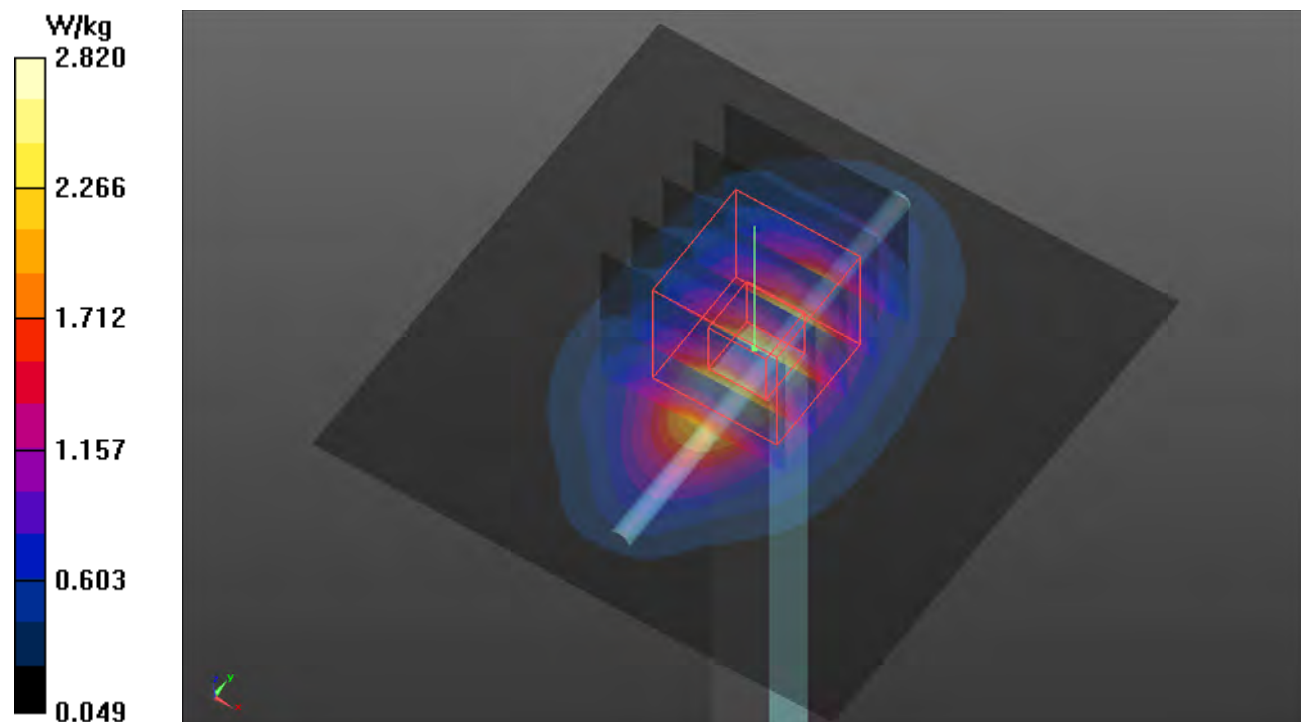
Pin=50mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 46.74 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 3.27 W/kg

SAR(1 g) = 1.85 W/kg; SAR(10 g) = 0.994 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 2.75 W/kg



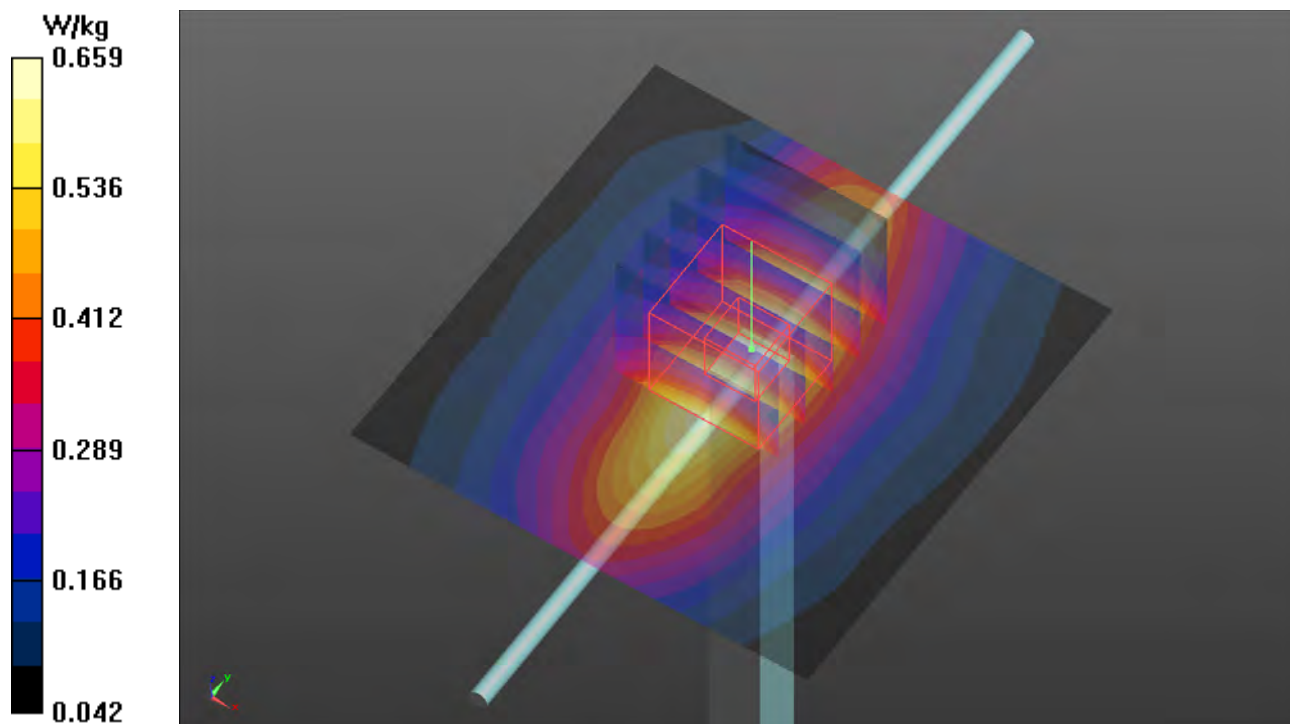
S25 System Check_H835_210927**DUT: Dipole 835 MHz; Type: D835V2; SN: 4d092**

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

Medium: H07T10N1_0927 Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 0.928 \text{ S/m}$; $\epsilon_r = 42.017$; $\rho = 1000 \text{ kg/m}^3$ Ambient Temperature : 23.7°C ; Liquid Temperature : 23.5°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(10.17, 10.17, 10.17) @ 835 MHz; Calibrated: 2021/01/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2021/03/24
- Phantom: ELI Phantom_1043; Type: QD OVA 002 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Pin=50mW/Area Scan (61x61x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 0.659 W/kg **Pin=50mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 26.57 V/m ; Power Drift = 0.18 dB Peak SAR (extrapolated) = 0.753 W/kg **SAR(1 g) = 0.482 W/kg ; SAR(10 g) = 0.328 W/kg** (SAR corrected for target medium)Maximum value of SAR (measured) = 0.666 W/kg 

S26 System Check_H1900_210925

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

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

Medium: H16T20N1_0925 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.362$ S/m; $\epsilon_r = 41.328$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.8 °C ; Liquid Temperature : 23.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(8.17, 8.17, 8.17) @ 1900 MHz; Calibrated: 2021/03/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2021/01/19
- Phantom: ELI Phantom_1205; Type: QDOVA002AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

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

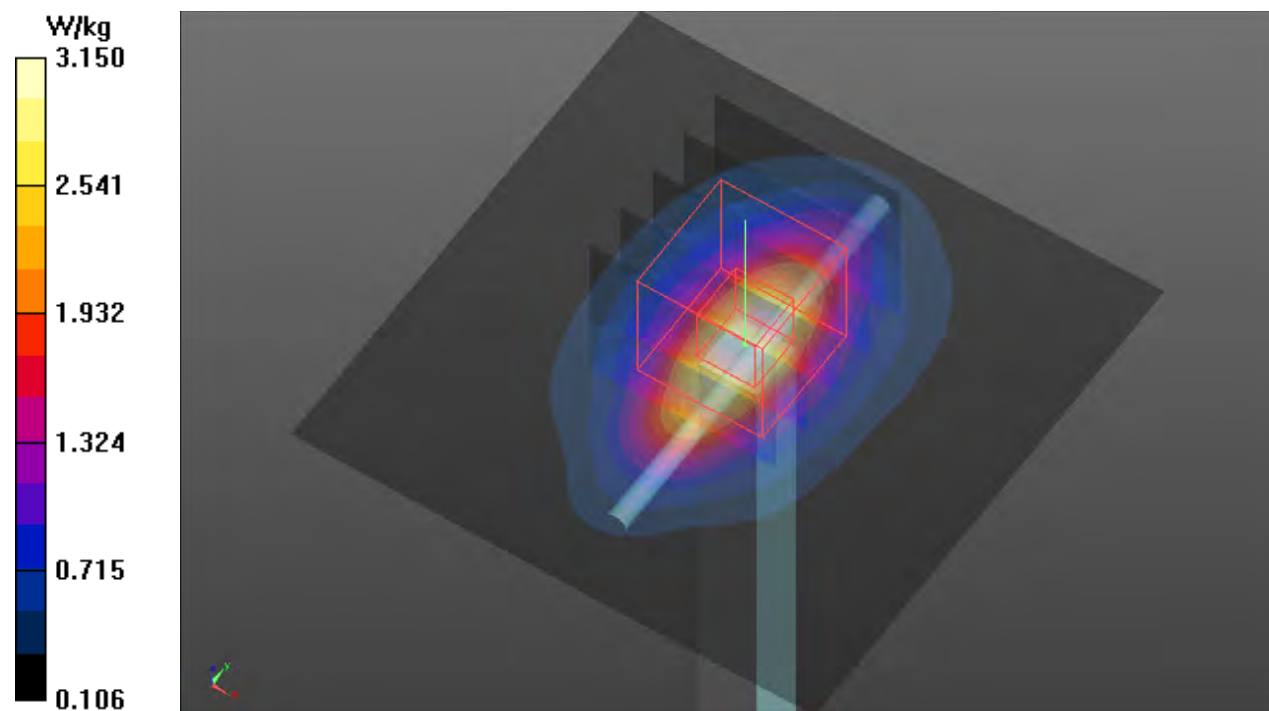
Pin=50mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 48.80 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 3.78 W/kg

SAR(1 g) = 2.09 W/kg; SAR(10 g) = 1.1 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 3.19 W/kg



S27 System Check_H1750_210925

DUT: Dipole 1750 MHz; Type: D1750V2; SN: 1111

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

Medium: H16T20N1_0925 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.316$ S/m; $\epsilon_r = 41.545$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.8 °C ; Liquid Temperature : 23.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(8.54, 8.54, 8.54) @ 1750 MHz; Calibrated: 2021/03/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2021/01/19
- Phantom: ELI Phantom_1205; Type: QDOVA002AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 2.75 W/kg

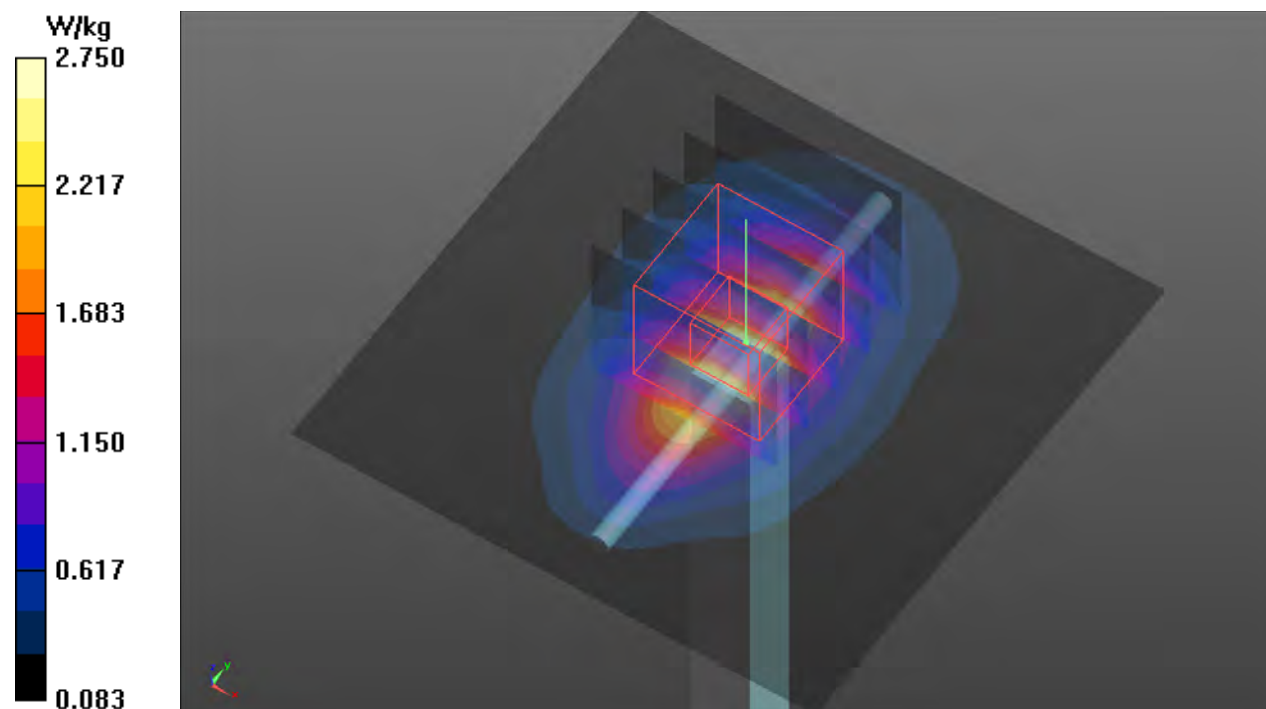
Pin=50mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 47.52 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 3.21 W/kg

SAR(1 g) = 1.88 W/kg; SAR(10 g) = 1.01 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 2.67 W/kg



S28 System Check_H835_210925

DUT: Dipole 835 MHz; Type: D835V2; SN: 4d092

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

Medium: H07T10N1_0925 Medium parameters used: $f = 835$ MHz; $\sigma = 0.903$ S/m; $\epsilon_r = 41.35$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.8 °C ; Liquid Temperature : 23.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(9.83, 9.83, 9.83) @ 835 MHz; Calibrated: 2021/03/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2021/01/19
- Phantom: ELI Phantom_1205; Type: QDOVA002AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 0.695 W/kg

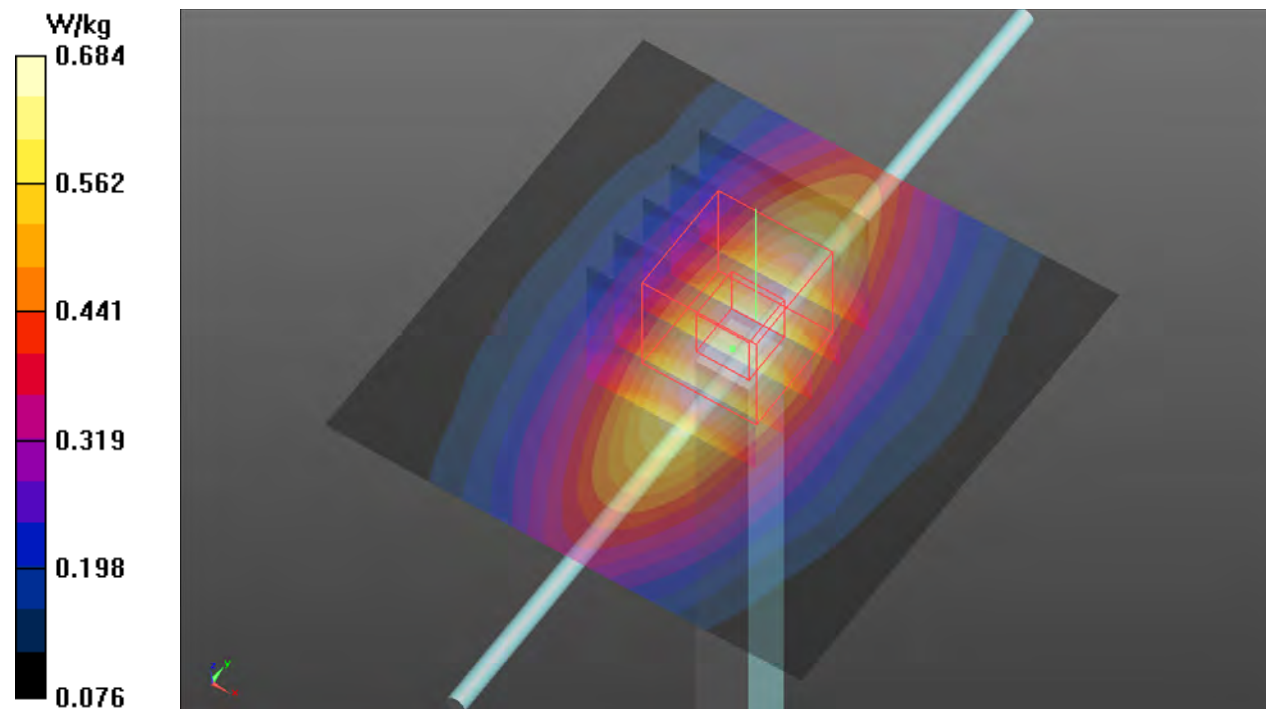
Pin=50mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.64 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.765 W/kg

SAR(1 g) = 0.521 W/kg; SAR(10 g) = 0.352 W/kg (SAR corrected for target medium)

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



S29 System Check_H2600_210925

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

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

Medium: H19T27N1_0925 Medium parameters used: $f = 2600$ MHz; $\sigma = 2.03$ S/m; $\epsilon_r = 37.41$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.8 °C ; Liquid Temperature : 23.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(7.57, 7.57, 7.57) @ 2600 MHz; Calibrated: 2021/03/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2021/01/19
- Phantom: ELI Phantom_1205; Type: QDOVA002AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 5.06 W/kg

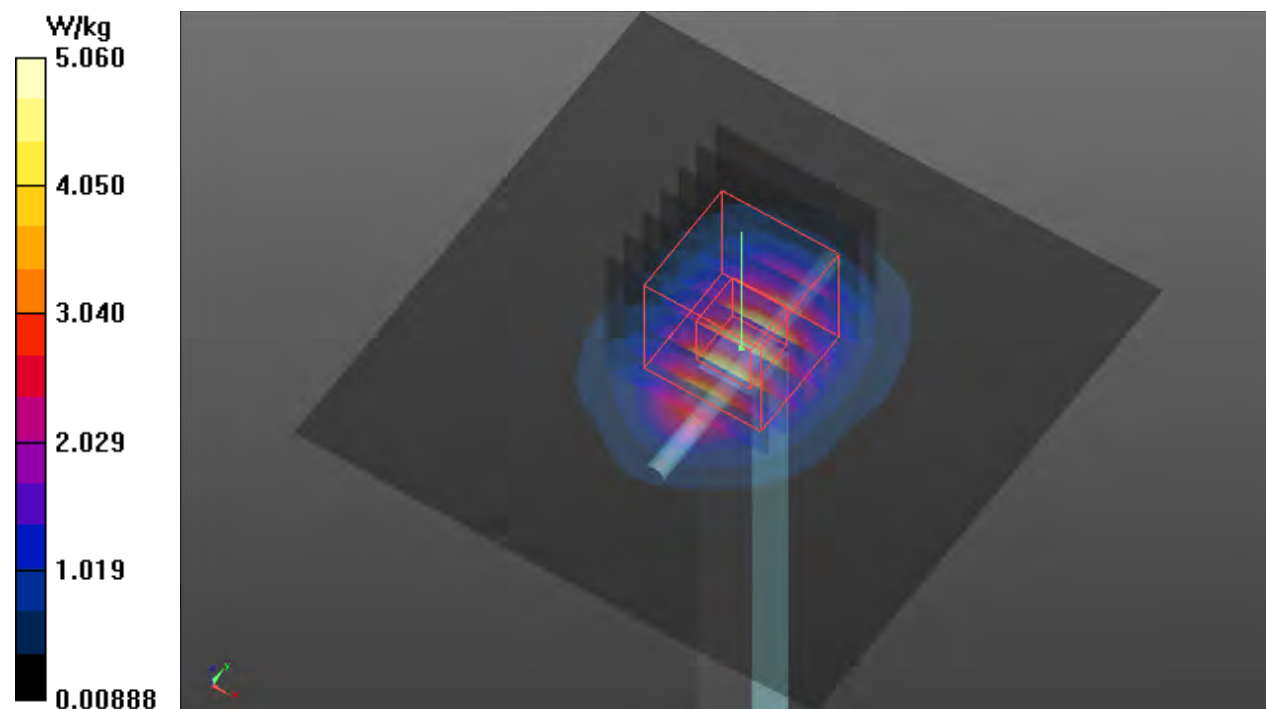
Pin=50mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 50.46 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 6.38 W/kg

SAR(1 g) = 2.9 W/kg; SAR(10 g) = 1.36 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 5.05 W/kg



S30 System Check_H750_210925

DUT: Dipole 750 MHz; Type: D750V3; SN: 1078

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

Medium: H06T09N1_0925 Medium parameters used: $f = 750$ MHz; $\sigma = 0.894$ S/m; $\epsilon_r = 42.863$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.8 °C ; Liquid Temperature : 23.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(9.92, 9.92, 9.92) @ 750 MHz; Calibrated: 2021/03/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2021/01/19
- Phantom: ELI Phantom_1205; Type: QDOVA002AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 0.615 W/kg

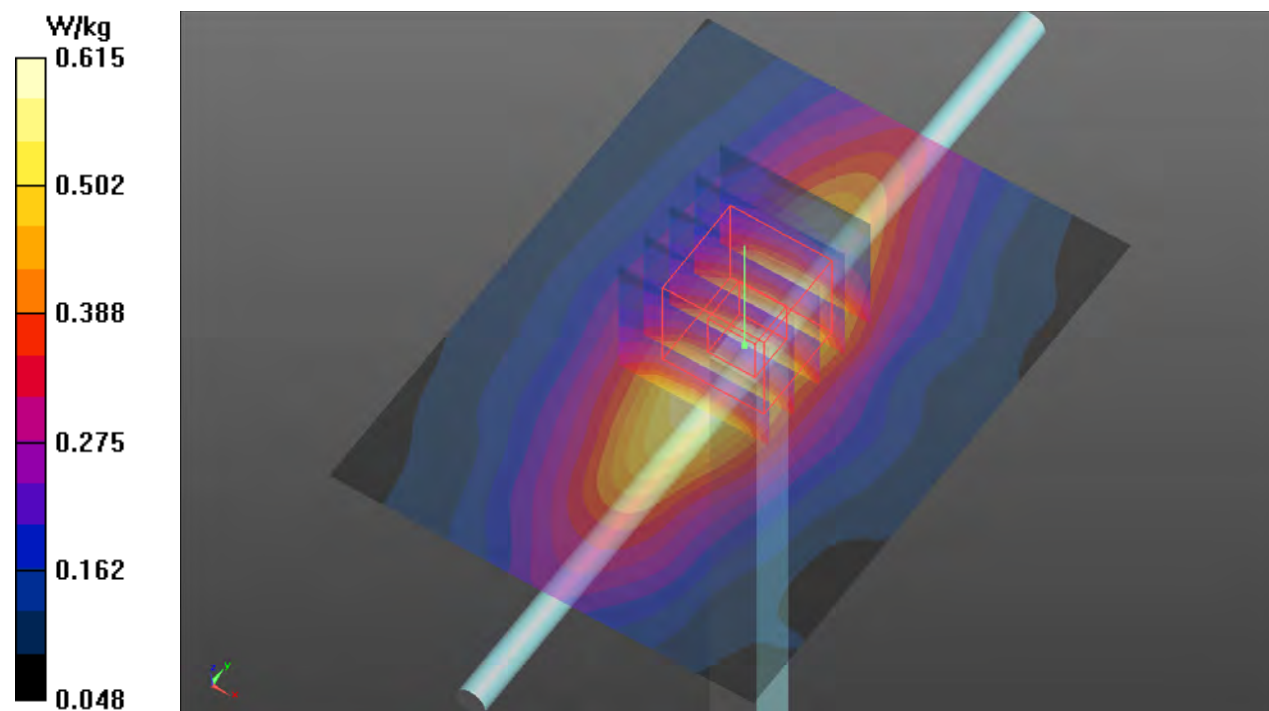
Pin=50mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.99 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.676 W/kg

SAR(1 g) = 0.467 W/kg; SAR(10 g) = 0.328 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.605 W/kg



S31 System Check_H750_210925

DUT: Dipole 750 MHz; Type: D750V3; SN: 1078

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

Medium: H06T09N1_0925 Medium parameters used: $f = 750$ MHz; $\sigma = 0.894$ S/m; $\epsilon_r = 42.863$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.8 °C ; Liquid Temperature : 23.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(9.92, 9.92, 9.92) @ 750 MHz; Calibrated: 2021/03/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2021/01/19
- Phantom: ELI Phantom_1205; Type: QDOVA002AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 0.615 W/kg

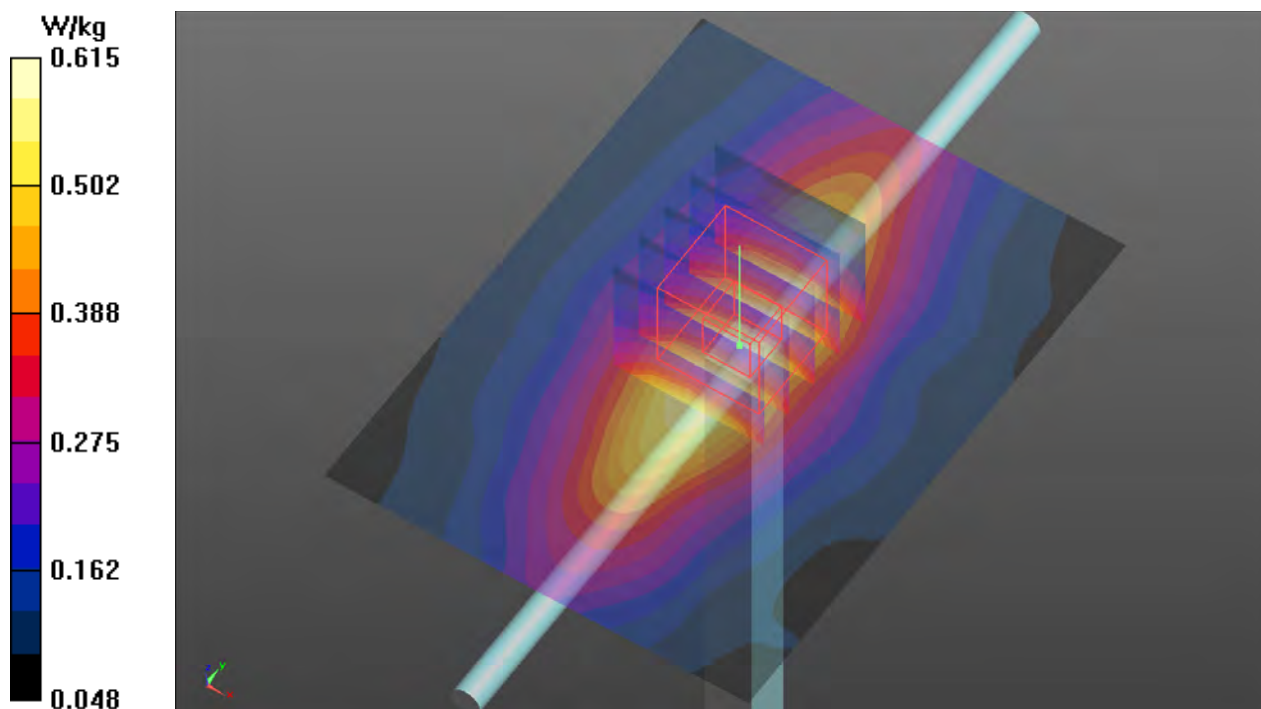
Pin=50mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.99 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.676 W/kg

SAR(1 g) = 0.467 W/kg; SAR(10 g) = 0.328 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.605 W/kg



S32 System Check_H750_210925**DUT: Dipole 750 MHz; Type: D750V3; SN: 1078**

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

Medium: H06T09N1_0925 Medium parameters used: $f = 750$ MHz; $\sigma = 0.894$ S/m; $\epsilon_r = 42.863$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.8 °C ; Liquid Temperature : 23.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(9.92, 9.92, 9.92) @ 750 MHz; Calibrated: 2021/03/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2021/01/19
- Phantom: ELI Phantom_1205; Type: QDOVA002AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 0.615 W/kg

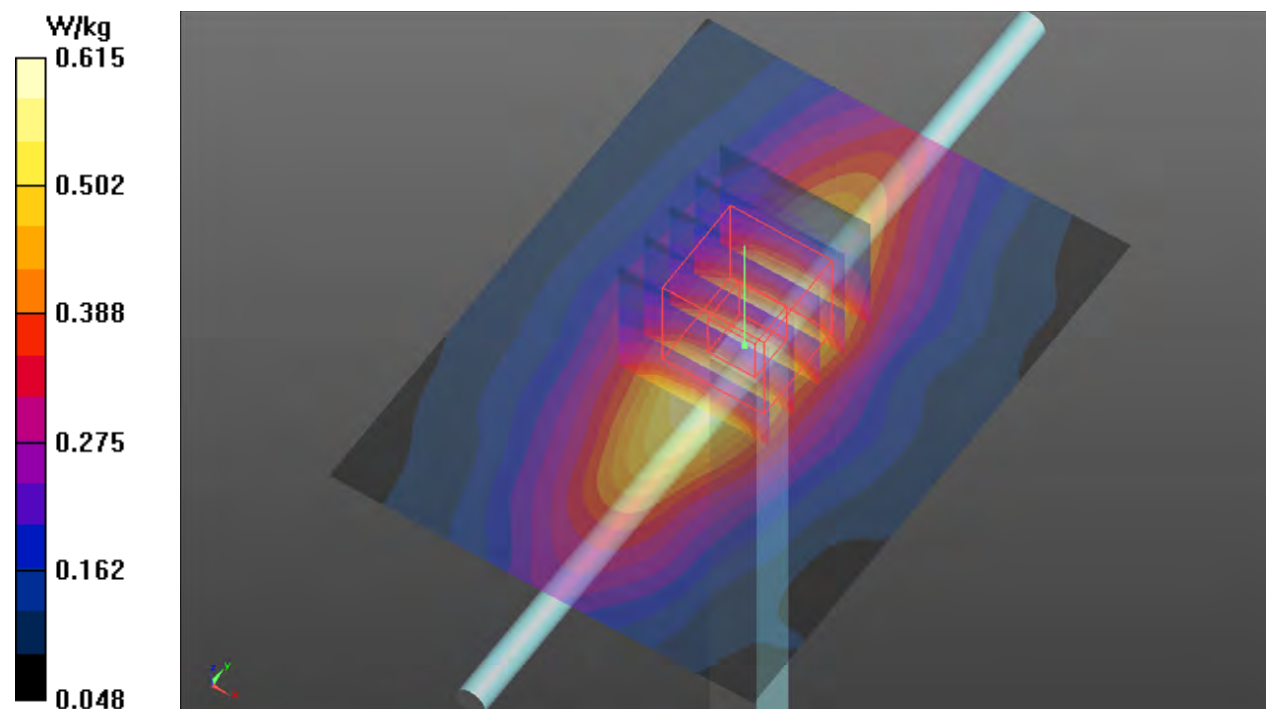
Pin=50mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.99 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.676 W/kg

SAR(1 g) = 0.467 W/kg; SAR(10 g) = 0.328 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.605 W/kg



S33 System Check_H750_210925

DUT: Dipole 750 MHz; Type: D750V3; SN: 1078

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

Medium: H06T09N1_0925 Medium parameters used: $f = 750$ MHz; $\sigma = 0.894$ S/m; $\epsilon_r = 42.863$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.8 °C ; Liquid Temperature : 23.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(9.92, 9.92, 9.92) @ 750 MHz; Calibrated: 2021/03/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2021/01/19
- Phantom: ELI Phantom_1205; Type: QDOVA002AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 0.615 W/kg

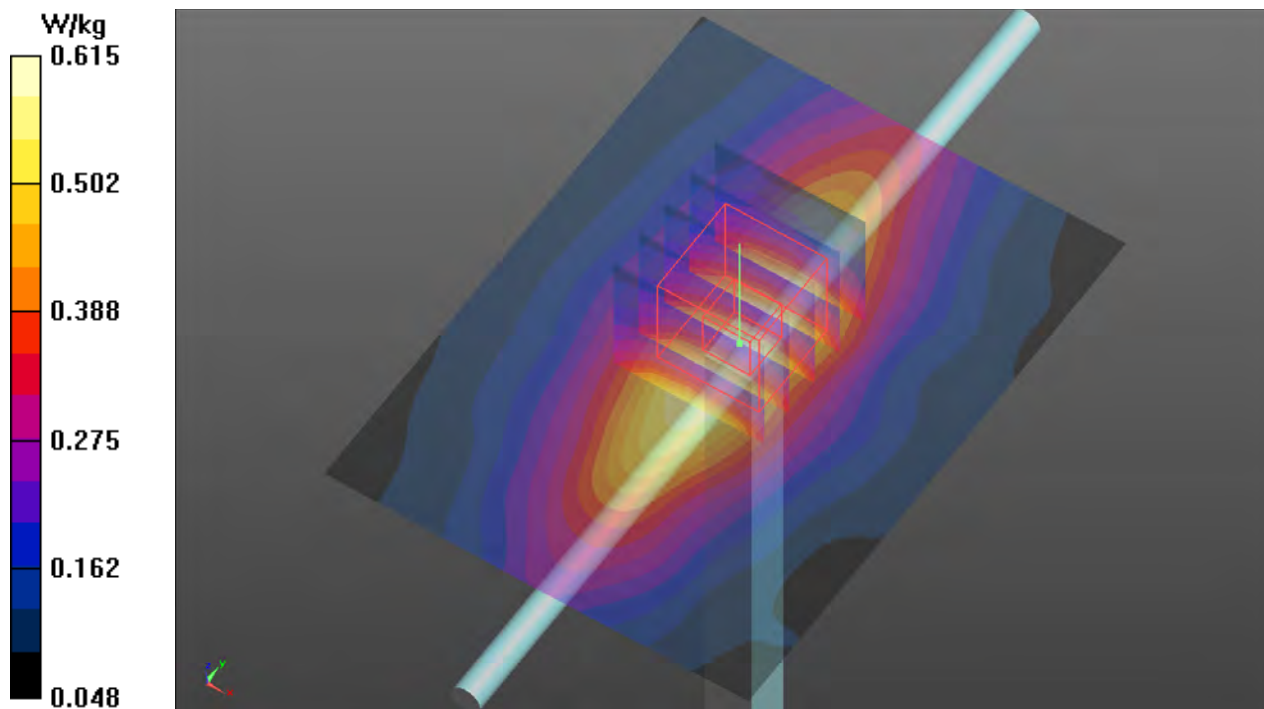
Pin=50mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.99 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.676 W/kg

SAR(1 g) = 0.467 W/kg; SAR(10 g) = 0.328 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.605 W/kg



S34 System Check_H1900_210925

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

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

Medium: H16T20N1_0925 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.362$ S/m; $\epsilon_r = 41.328$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.8 °C ; Liquid Temperature : 23.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(8.17, 8.17, 8.17) @ 1900 MHz; Calibrated: 2021/03/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2021/01/19
- Phantom: ELI Phantom_1205; Type: QDOVA002AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

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

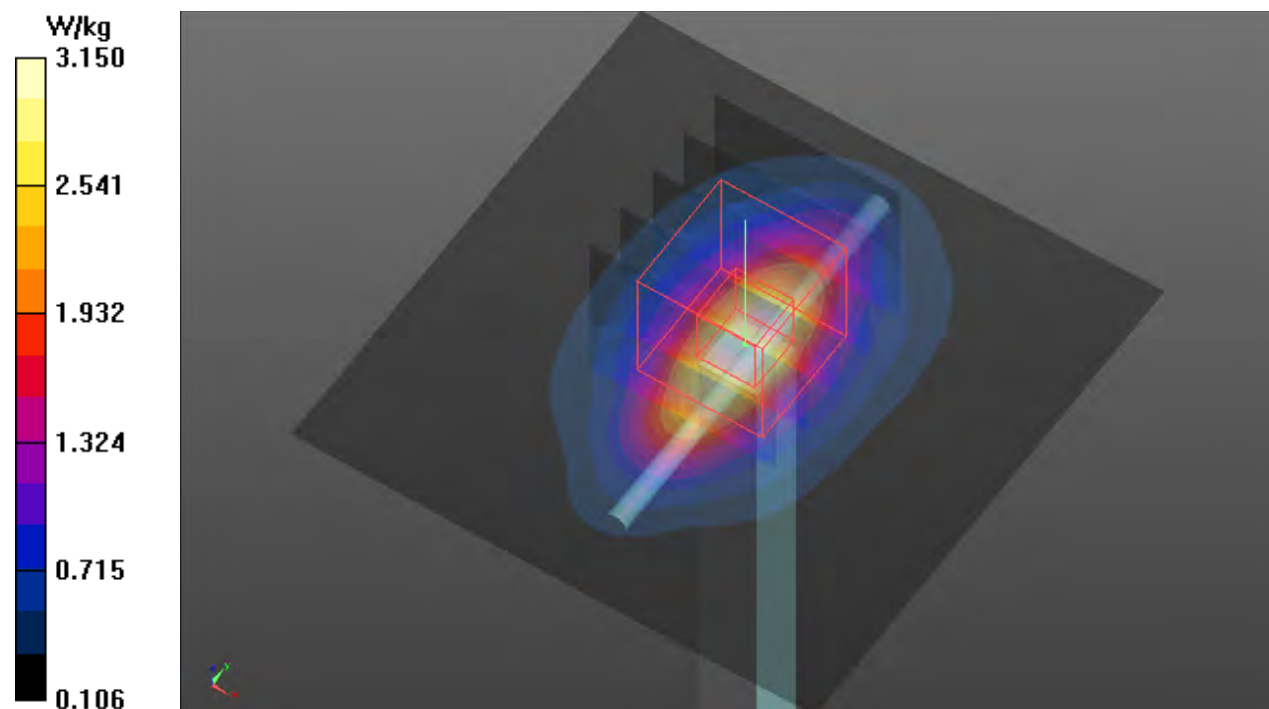
Pin=50mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 48.80 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 3.78 W/kg

SAR(1 g) = 2.09 W/kg; SAR(10 g) = 1.1 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 3.19 W/kg



S35 System Check_H835_210925

DUT: Dipole 835 MHz; Type: D835V2; SN: 4d092

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

Medium: H07T10N1_0925 Medium parameters used: $f = 835$ MHz; $\sigma = 0.903$ S/m; $\epsilon_r = 41.35$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.8 °C ; Liquid Temperature : 23.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(9.83, 9.83, 9.83) @ 835 MHz; Calibrated: 2021/03/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2021/01/19
- Phantom: ELI Phantom_1205; Type: QDOVA002AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 0.695 W/kg

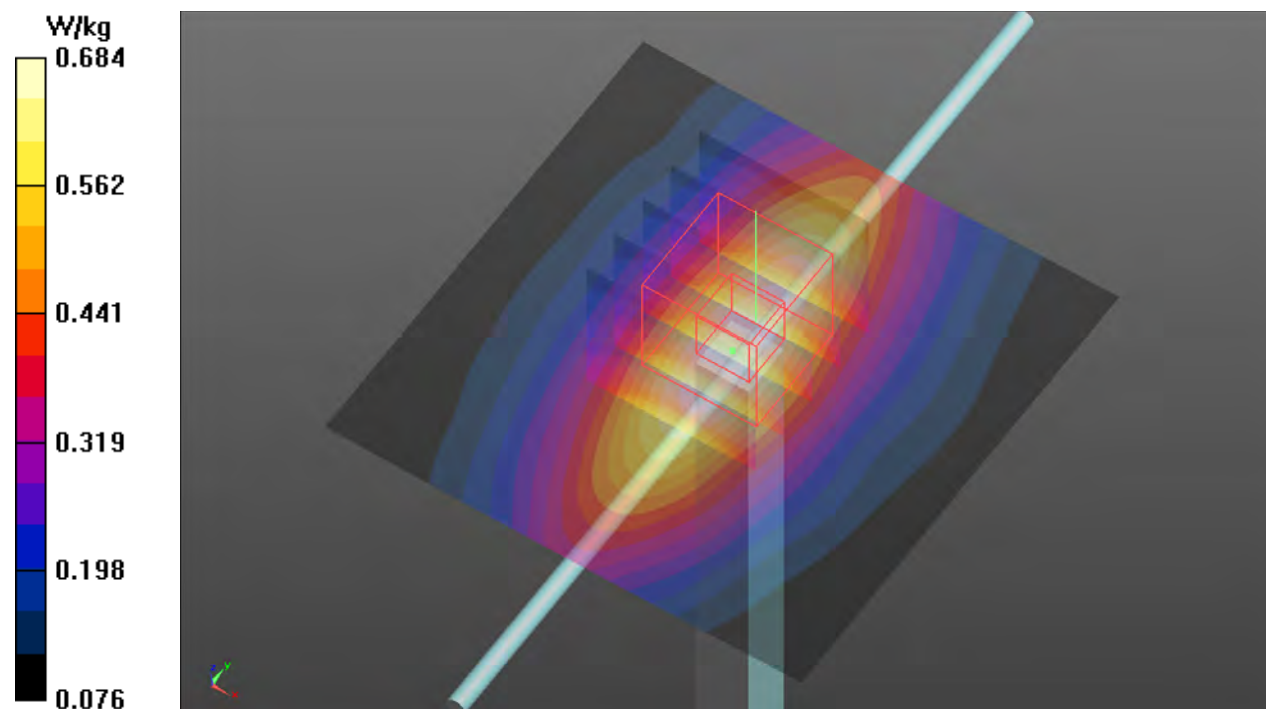
Pin=50mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.64 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.765 W/kg

SAR(1 g) = 0.521 W/kg; SAR(10 g) = 0.352 W/kg (SAR corrected for target medium)

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



S36 System Check_H2300_210925**DUT: Dipole 2300 MHz; Type: D2300V2; SN:1004**

Communication System: UID 0, CW; Frequency: 2300 MHz; Duty Cycle: 1:1

Medium: H19T27N1_0925 Medium parameters used: $f = 2300$ MHz; $\sigma = 1.717$ S/m; $\epsilon_r = 38.423$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.8 °C ; Liquid Temperature : 23.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(7.96, 7.96, 7.96) @ 2300 MHz; Calibrated: 2021/03/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2021/01/19
- Phantom: ELI Phantom_1205; Type: QDOVA002AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 3.86 W/kg

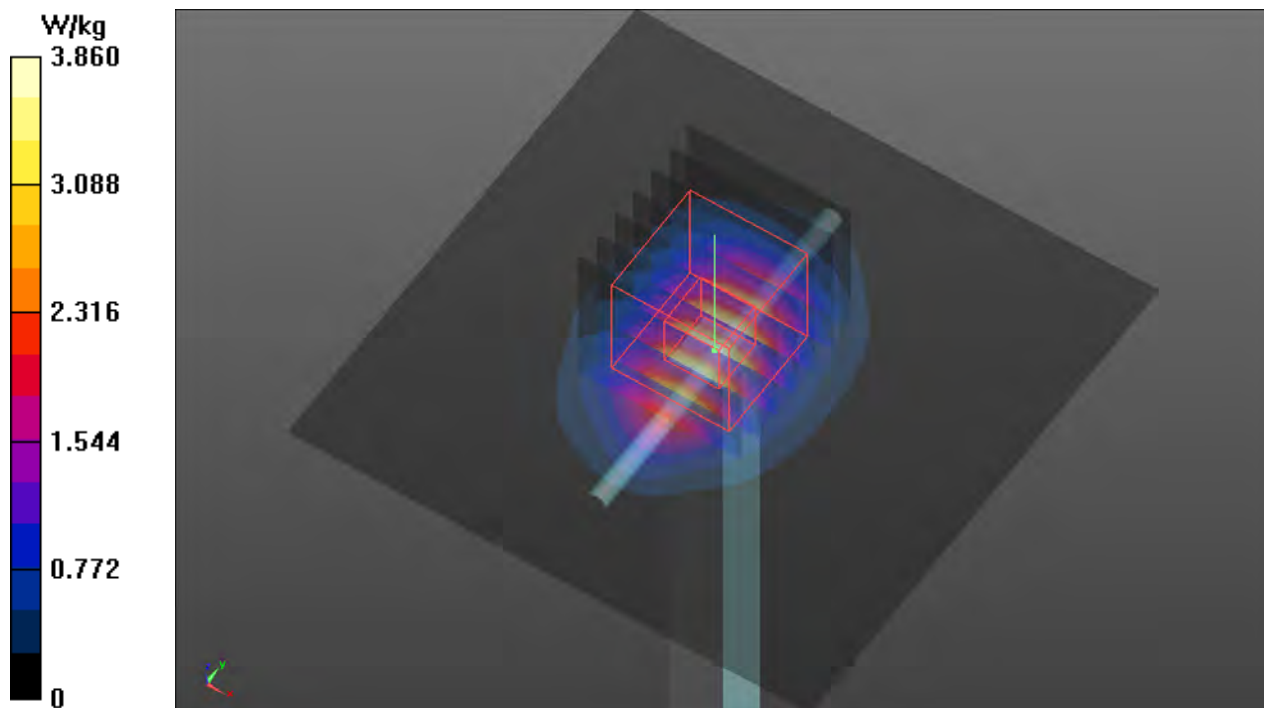
Pin=50mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 48.02 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 4.87 W/kg

SAR(1 g) = 2.38 W/kg; SAR(10 g) = 1.14 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 3.97 W/kg



S37 System Check_H2600_210925

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

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

Medium: H19T27N1_0925 Medium parameters used: $f = 2600$ MHz; $\sigma = 2.03$ S/m; $\epsilon_r = 37.41$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.8 °C ; Liquid Temperature : 23.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(7.57, 7.57, 7.57) @ 2600 MHz; Calibrated: 2021/03/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2021/01/19
- Phantom: ELI Phantom_1205; Type: QDOVA002AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 5.06 W/kg

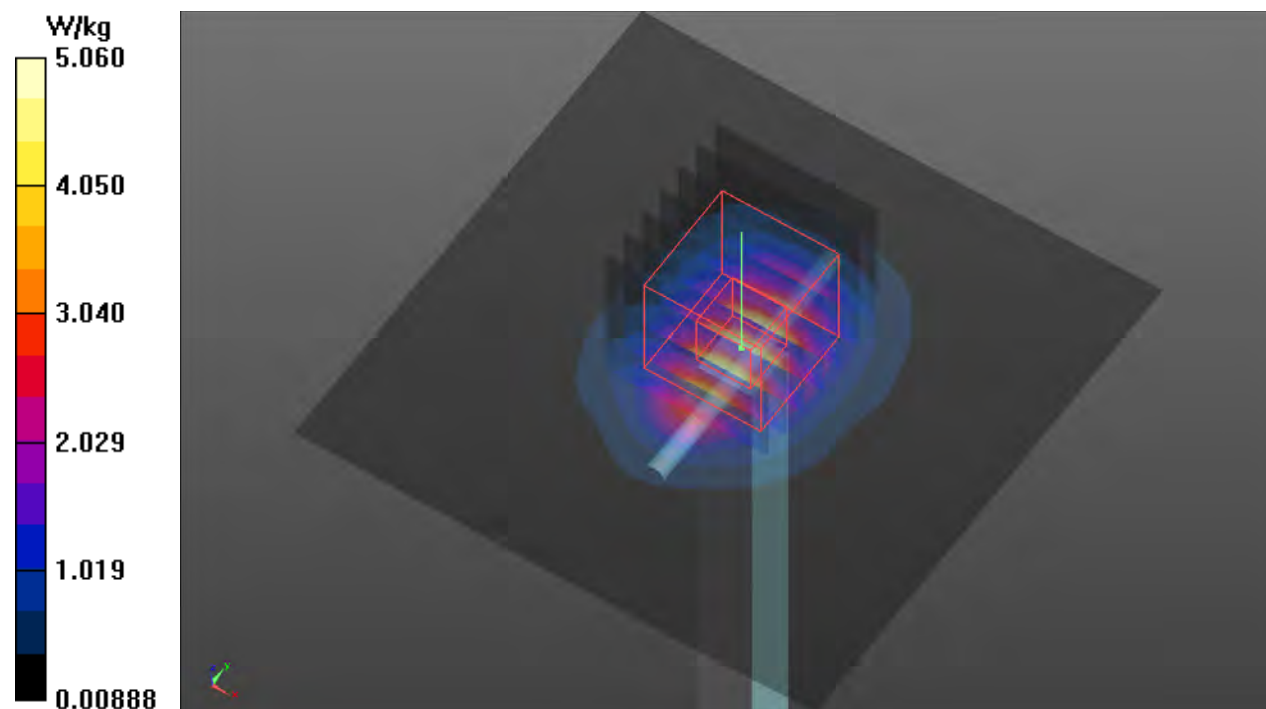
Pin=50mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 50.46 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 6.38 W/kg

SAR(1 g) = 2.9 W/kg; SAR(10 g) = 1.36 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 5.05 W/kg



S38 System Check_H2600_210927**DUT: Dipole 2600 MHz; Type: D2600V2; SN: 1020**

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

Medium: H19T27N1_0927 Medium parameters used: $f = 2600$ MHz; $\sigma = 2.04$ S/m; $\epsilon_r = 37.866$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C ; Liquid Temperature : 23.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(7.72, 7.72, 7.72) @ 2600 MHz; Calibrated: 2021/01/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2021/03/24
- Phantom: ELI Phantom_1043; Type: QD OVA 002 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 5.20 W/kg

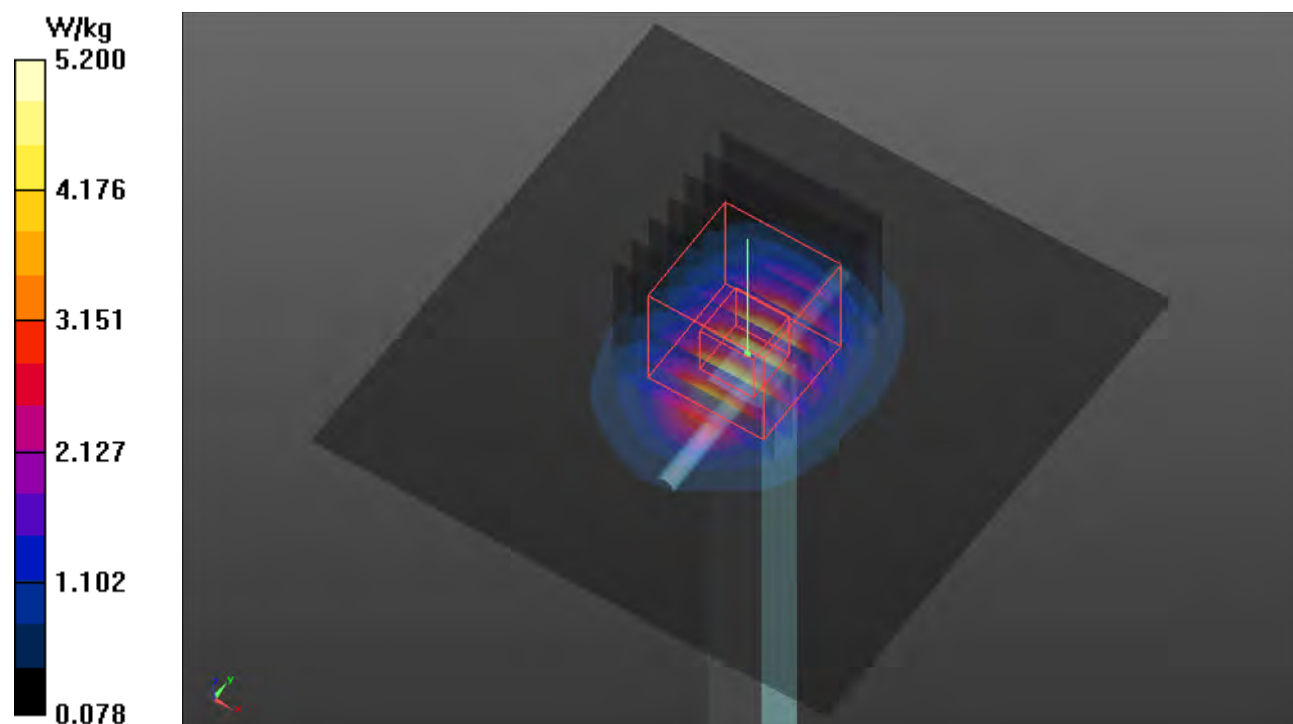
Pin=50mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 51.47 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 6.43 W/kg

SAR(1 g) = 2.97 W/kg; SAR(10 g) = 1.4 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 5.13 W/kg



S39 System Check_H1750_210925

DUT: Dipole 1750 MHz; Type: D1750V2; SN: 1111

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

Medium: H16T20N1_0925 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.316$ S/m; $\epsilon_r = 41.545$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.8 °C ; Liquid Temperature : 23.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(8.54, 8.54, 8.54) @ 1750 MHz; Calibrated: 2021/03/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2021/01/19
- Phantom: ELI Phantom_1205; Type: QDOVA002AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 2.75 W/kg

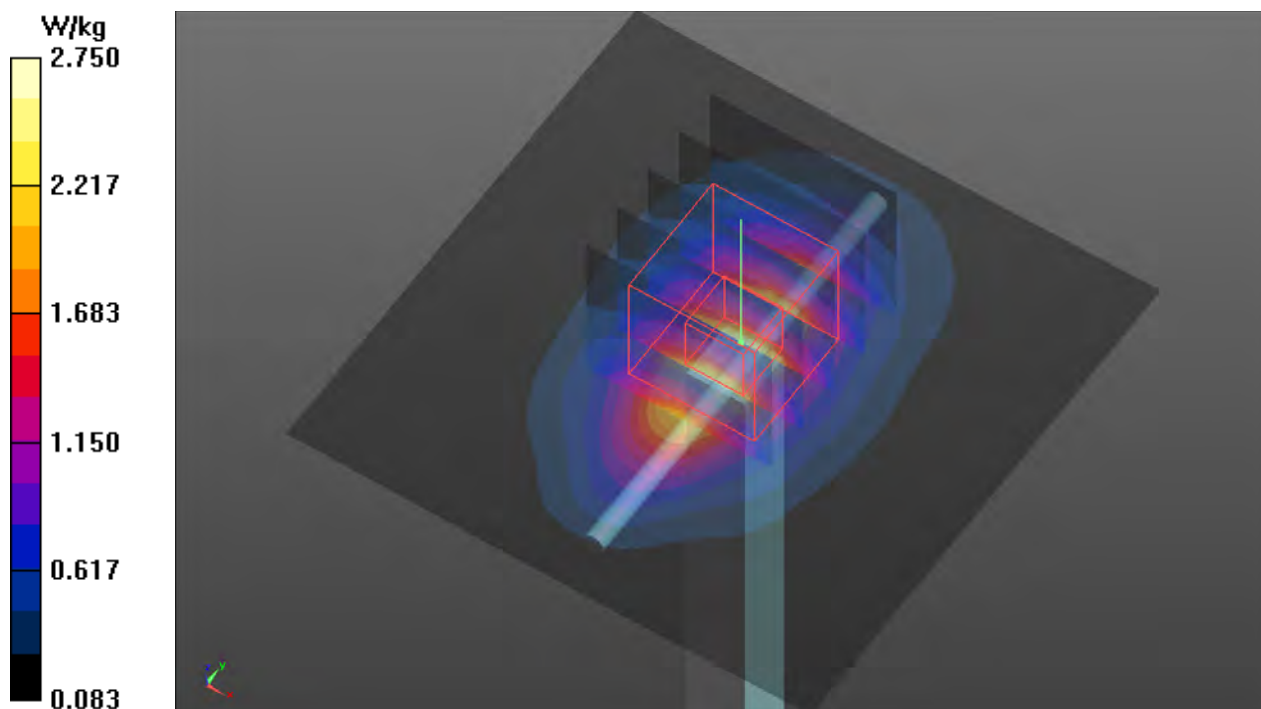
Pin=50mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 47.52 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 3.21 W/kg

SAR(1 g) = 1.88 W/kg; SAR(10 g) = 1.01 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 2.67 W/kg



S40 System Check_H2450_210922**DUT: Dipole 2450 MHz; Type: D2450V2; SN: 835**

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

Medium: H19T27N1_0922 Medium parameters used (interpolated): $f = 2450$ MHz; $\sigma = 1.87$ S/m; $\epsilon_r = 37.896$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(7.87, 7.87, 7.87) @ 2450 MHz; Calibrated: 2021/01/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2021/03/24
- Phantom: ELI Phantom_1043; Type: QD OVA 002 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 3.88 W/kg

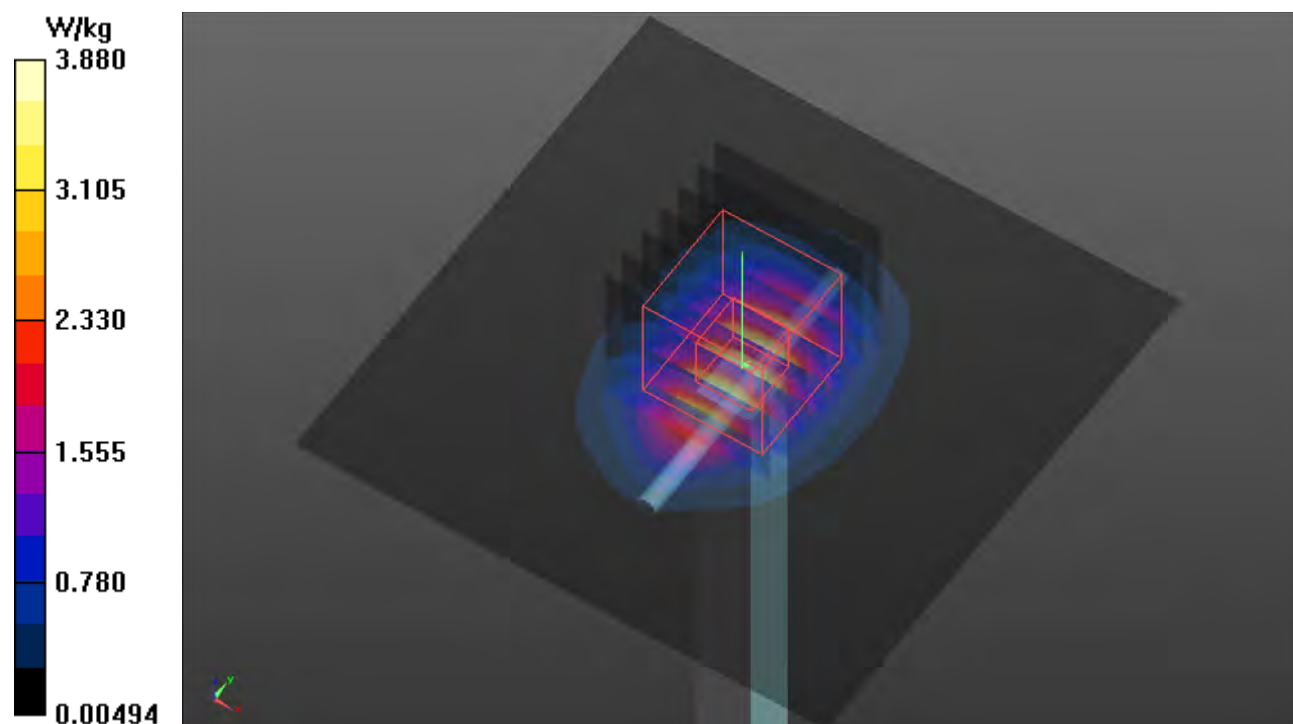
Pin=50mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 46.79 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 4.71 W/kg

SAR(1 g) = 2.45 W/kg; SAR(10 g) = 1.14 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 3.84 W/kg



S41 System Check_H5250_210929

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

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

Medium: H34T60N1_0929 Medium parameters used (interpolated): $f = 5250$ MHz; $\sigma = 4.753$ S/m; $\epsilon_r = 35.645$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7537; ConvF(5.5, 5.5, 5.5) @ 5250 MHz; Calibrated: 2021/04/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2021/04/15
- Phantom: Twin-ELI Phantom_2118; Type: QD OVA 004 AA
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 10.3 W/kg

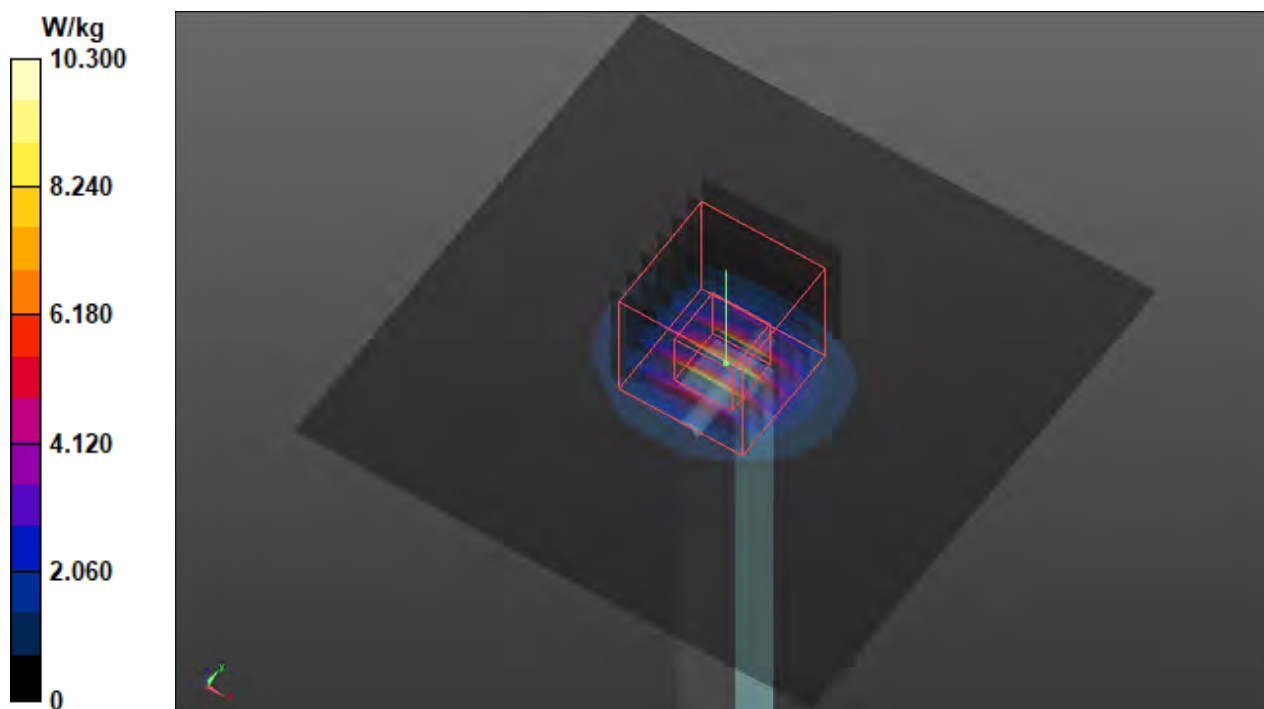
Pin=50mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 52.85 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 16.7 W/kg

SAR(1 g) = 4.21 W/kg; SAR(10 g) = 1.29 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 10.9 W/kg



S42 System Check_H5600_210929

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

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

Medium: H34T60N1_0929 Medium parameters used: $f = 5600$ MHz; $\sigma = 5.086$ S/m; $\epsilon_r = 35.168$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7537; ConvF(4.8, 4.8, 4.8) @ 5600 MHz; Calibrated: 2021/04/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2021/04/15
- Phantom: Twin-ELI Phantom_2118; Type: QD OVA 004 AA
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 8.51 W/kg

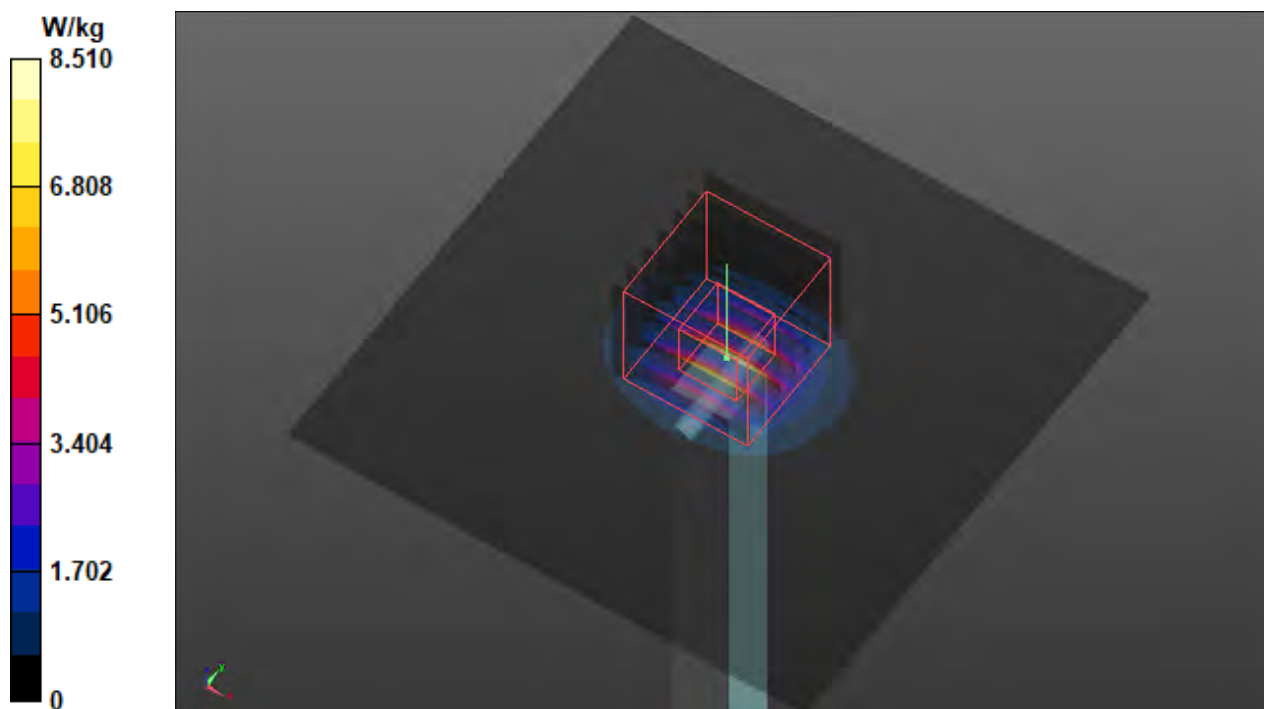
Pin=50mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 46.26 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 15.1 W/kg

SAR(1 g) = 3.87 W/kg; SAR(10 g) = 1.14 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 9.17 W/kg



S43 System Check_H5750_210929**DUT: Dipole 5 GHz; Type: D5GHzV2; SN: 1019**

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

Medium: H34T60N1_0929 Medium parameters used: $f = 5750$ MHz; $\sigma = 5.228$ S/m; $\epsilon_r = 34.961$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7537; ConvF(4.95, 4.95, 4.95) @ 5750 MHz; Calibrated: 2021/04/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2021/04/15
- Phantom: Twin-ELI Phantom_2118; Type: QD OVA 004 AA
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

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

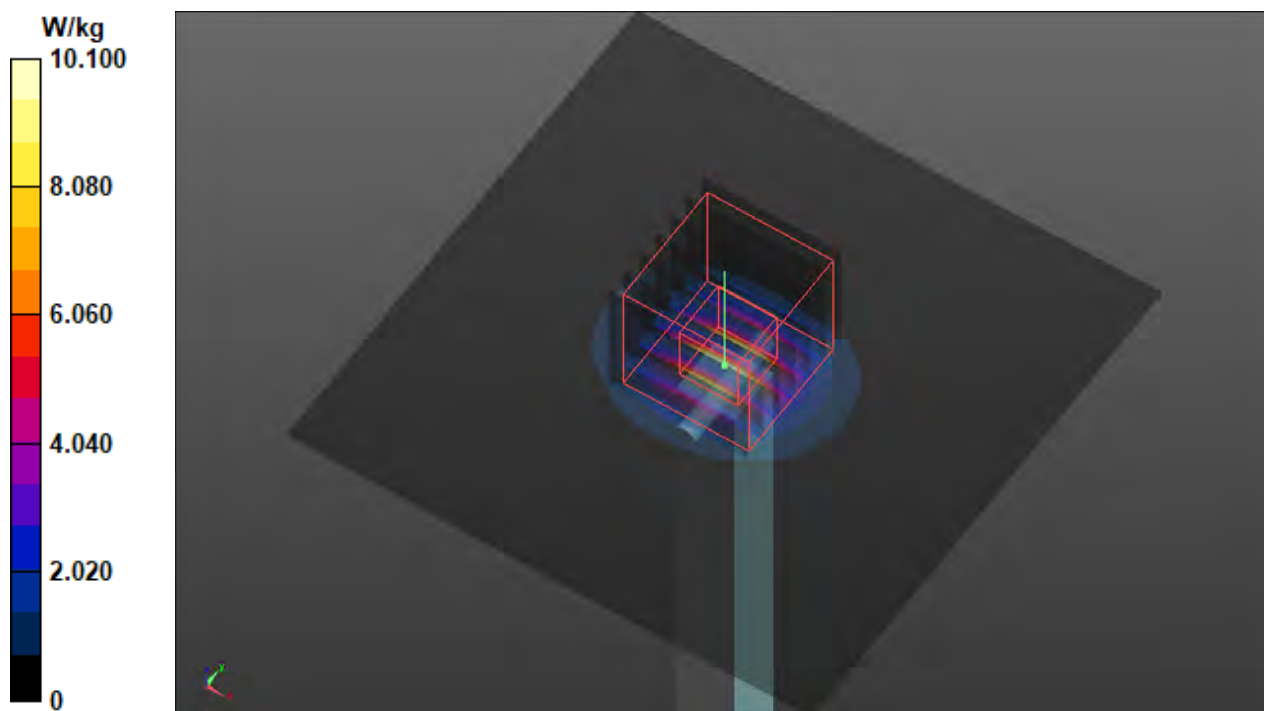
Pin=50mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 50.25 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 18.5 W/kg

SAR(1 g) = 4.09 W/kg; SAR(10 g) = 1.17 W/kg (SAR corrected for target medium)

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



S44 System Check_H2450_210922

DUT: Dipole 2450 MHz; Type: D2450V2; SN: 835

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

Medium: H19T27N1_0922 Medium parameters used (interpolated): $f = 2450$ MHz; $\sigma = 1.87$ S/m; $\epsilon_r = 37.896$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(7.87, 7.87, 7.87) @ 2450 MHz; Calibrated: 2021/01/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2021/03/24
- Phantom: ELI Phantom_1043; Type: QD OVA 002 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 3.88 W/kg

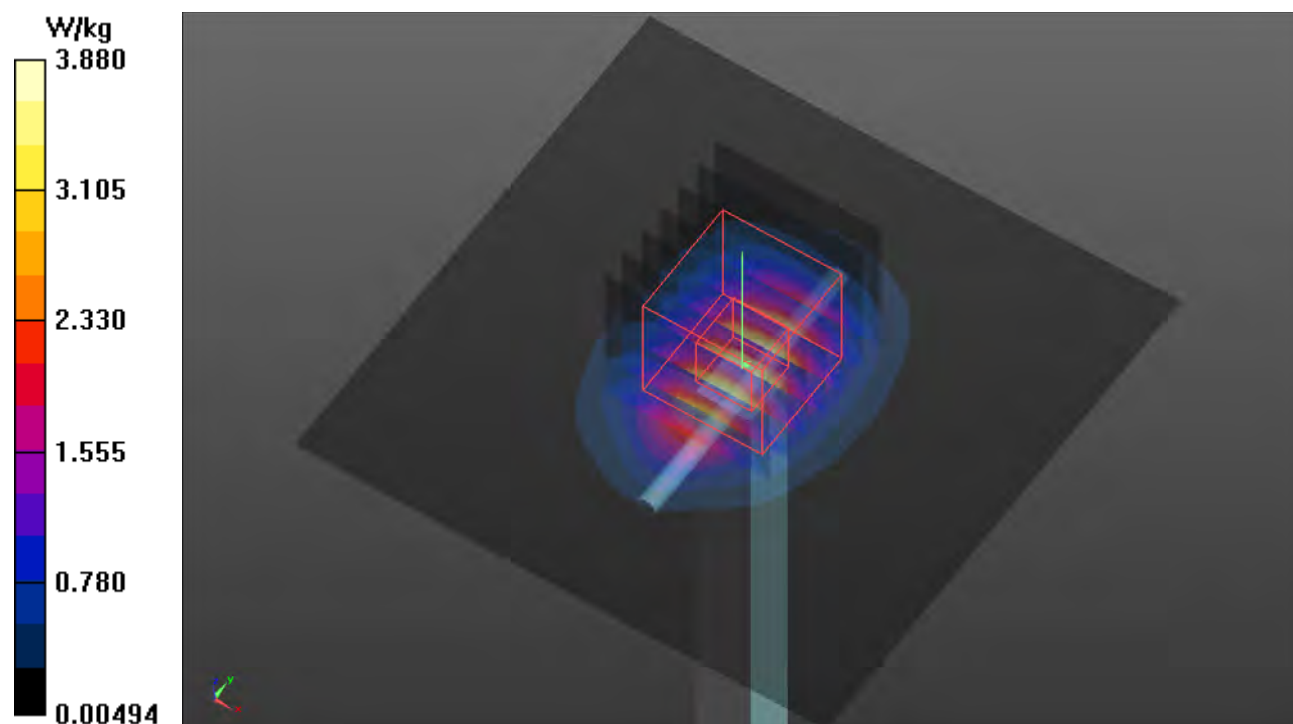
Pin=50mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 46.79 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 4.71 W/kg

SAR(1 g) = 2.45 W/kg; SAR(10 g) = 1.14 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 3.84 W/kg



Annex B. SAR Plots of SAR Measurement

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

P01 WCDMA II_RMC12.2K_Rear Face_0mm_Ch9538_Sample1_P-Sensor_w**DUT: P21080879**

Communication System: UID 10011 - CAB, UMTS-FDD (WCDMA); Frequency: 1907.6 MHz; Duty Cycle: 1:1.95

Medium: H16T20N1_0923 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.462$ S/m; $\epsilon_r = 38.259$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(8.35, 8.35, 8.35) @ 1907.6 MHz; Calibrated: 2021/01/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2021/03/24
- Phantom: ELI Phantom_1043; Type: QD OVA 002 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

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

Reference Value = 24.33 V/m; Power Drift = -0.13 dB

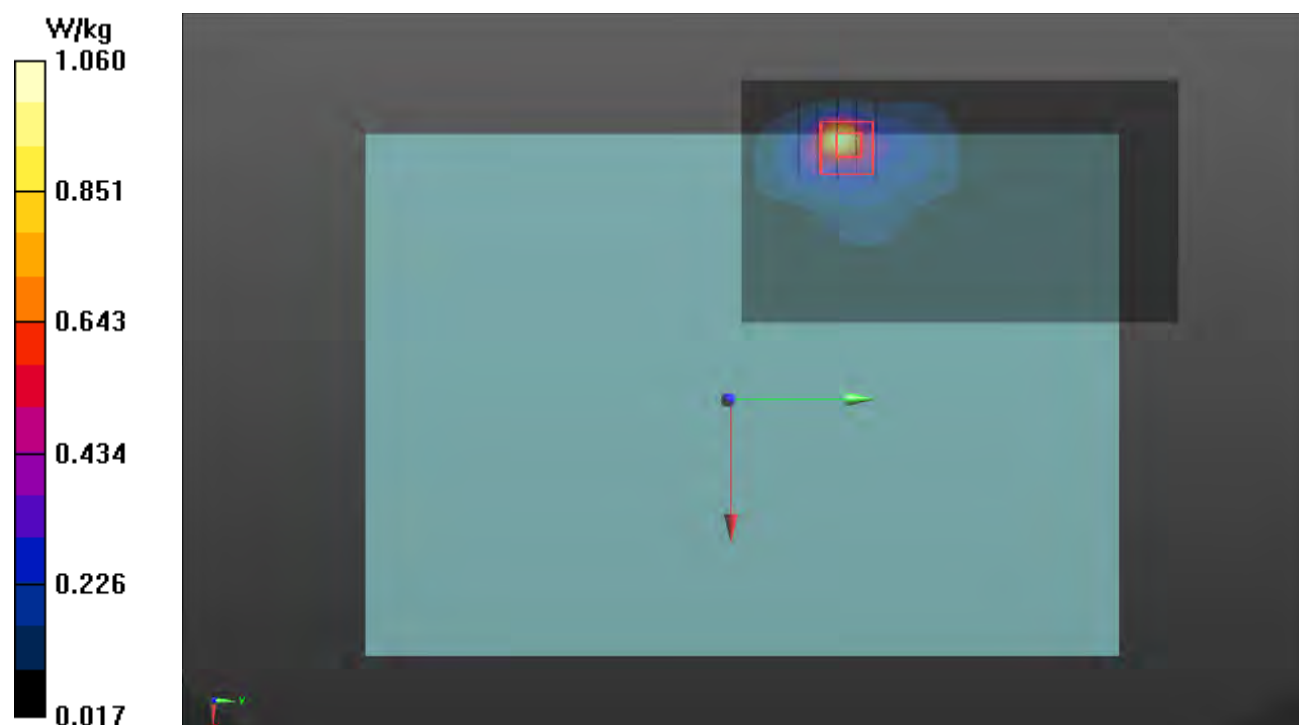
Peak SAR (extrapolated) = 2.04 W/kg

SAR(1 g) = 0.724 W/kg; SAR(10 g) = 0.298 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 8.2 mm

Ratio of SAR at M2 to SAR at M1 = 41.3%

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



P02 WCDMA IV_RMC12.2K_Rear Face_0mm_Ch1413_Sample1_P-Sensor_w**DUT: P21080879**

Communication System: UID 10011 - CAB, UMTS-FDD (WCDMA); Frequency: 1732.6 MHz; Duty Cycle: 1:1.95

Medium: H16T20N1_0923 Medium parameters used: $f = 1733$ MHz; $\sigma = 1.312$ S/m; $\epsilon_r = 38.92$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(8.64, 8.64, 8.64) @ 1732.6 MHz; Calibrated: 2021/01/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2021/03/24
- Phantom: ELI Phantom_1043; Type: QD OVA 002 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.762 W/kg

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

Reference Value = 21.68 V/m; Power Drift = -0.12 dB

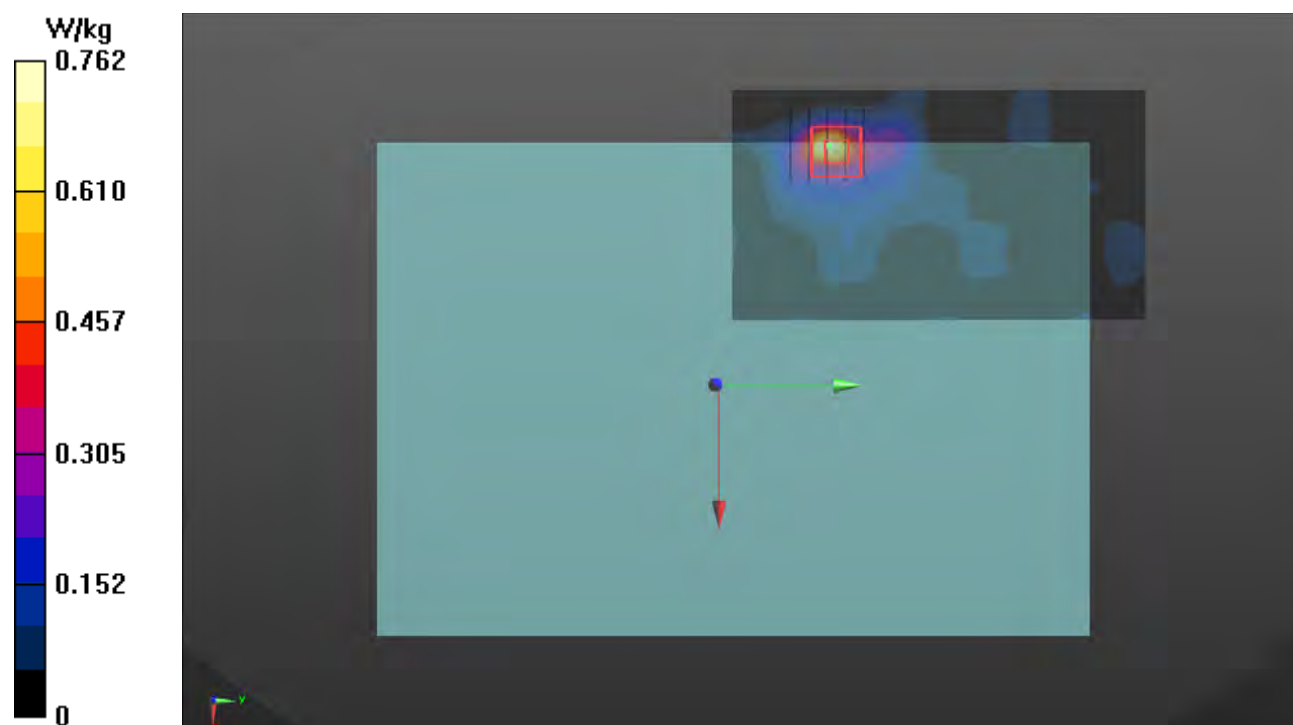
Peak SAR (extrapolated) = 1.34 W/kg

SAR(1 g) = 0.462 W/kg; SAR(10 g) = 0.189 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 8.5 mm

Ratio of SAR at M2 to SAR at M1 = 39.6%

Maximum value of SAR (measured) = 0.897 W/kg



P03 WCDMA V_RMC12.2K_Rear Face_0mm_Ch4132_Sample1_P-Sensor_w**DUT: P21080879**

Communication System: UID 10011 - CAB, UMTS-FDD (WCDMA); Frequency: 826.4 MHz; Duty Cycle: 1:1.95

Medium: H07T10N1_0923 Medium parameters used (interpolated): $f = 826.4$ MHz; $\sigma = 0.901$ S/m; $\epsilon_r = 41.275$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(10.17, 10.17, 10.17) @ 826.4 MHz; Calibrated: 2021/01/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2021/03/24
- Phantom: ELI Phantom_1043; Type: QD OVA 002 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

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

Reference Value = 32.49 V/m; Power Drift = -0.05 dB

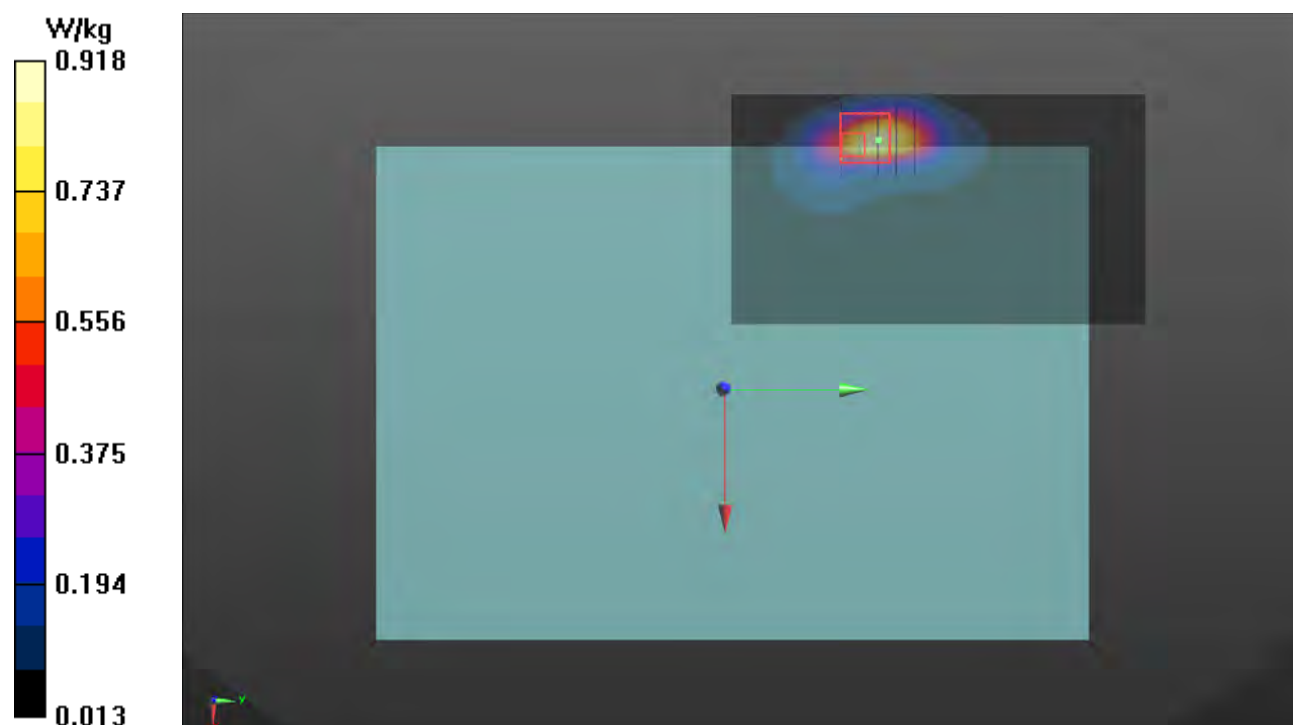
Peak SAR (extrapolated) = 1.33 W/kg

SAR(1 g) = 0.322 W/kg; SAR(10 g) = 0.192 W/kg (SAR corrected for target medium)

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

Ratio of SAR at M2 to SAR at M1 = 37.4%

Maximum value of SAR (measured) = 0.905 W/kg



**P04 LTE 2_QPSK20M_Rear
Face_0mm_Ch18700_1RB_OS0_Sample1_P-Sensor_w****DUT: P21080879**

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

Medium: H16T20N1_0923 Medium parameters used: $f = 1860$ MHz; $\sigma = 1.422$ S/m; $\epsilon_r = 38.425$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(8.35, 8.35, 8.35) @ 1860 MHz; Calibrated: 2021/01/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2021/03/24
- Phantom: ELI Phantom_1043; Type: QD OVA 002 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x121x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm
Maximum value of SAR (interpolated) = 0.964 W/kg

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

Reference Value = 21.80 V/m; Power Drift = -0.15 dB

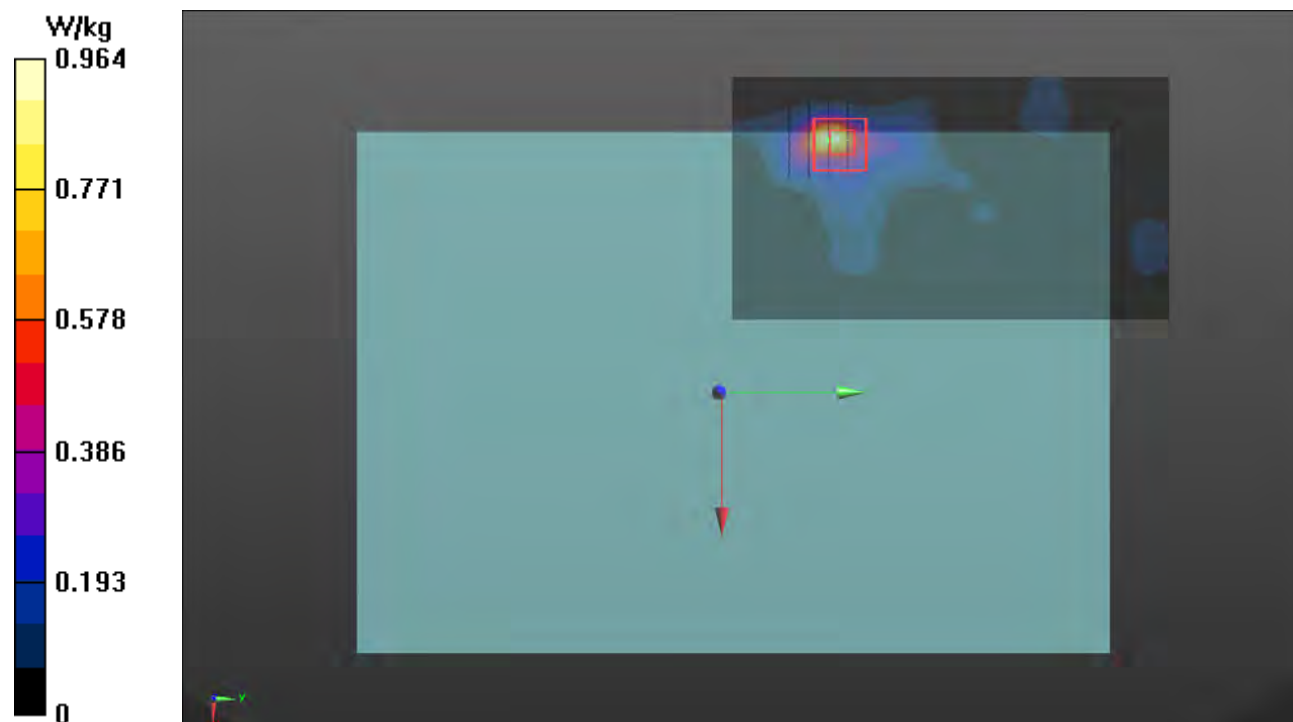
Peak SAR (extrapolated) = 1.58 W/kg

SAR(1 g) = 0.531 W/kg; SAR(10 g) = 0.220 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 8.3 mm

Ratio of SAR at M2 to SAR at M1 = 39.5%

Maximum value of SAR (measured) = 1.13 W/kg



**P05 LTE 4_QPSK20M_Rear
Face_0mm_Ch20300_1RB_OS0_Sample1_P-Sensor_w****DUT: P21080879**

Communication System: UID 10169 - CAE, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK);
Frequency: 1745 MHz; Duty Cycle: 1:3.74
Medium: H16T20N1_0923 Medium parameters used (interpolated): $f = 1745$ MHz; $\sigma = 1.322$ S/m;
 $\epsilon_r = 38.872$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(8.64, 8.64, 8.64) @ 1745 MHz; Calibrated: 2021/01/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2021/03/24
- Phantom: ELI Phantom_1043; Type: QD OVA 002 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.670 W/kg

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

Reference Value = 20.82 V/m; Power Drift = -0.14 dB

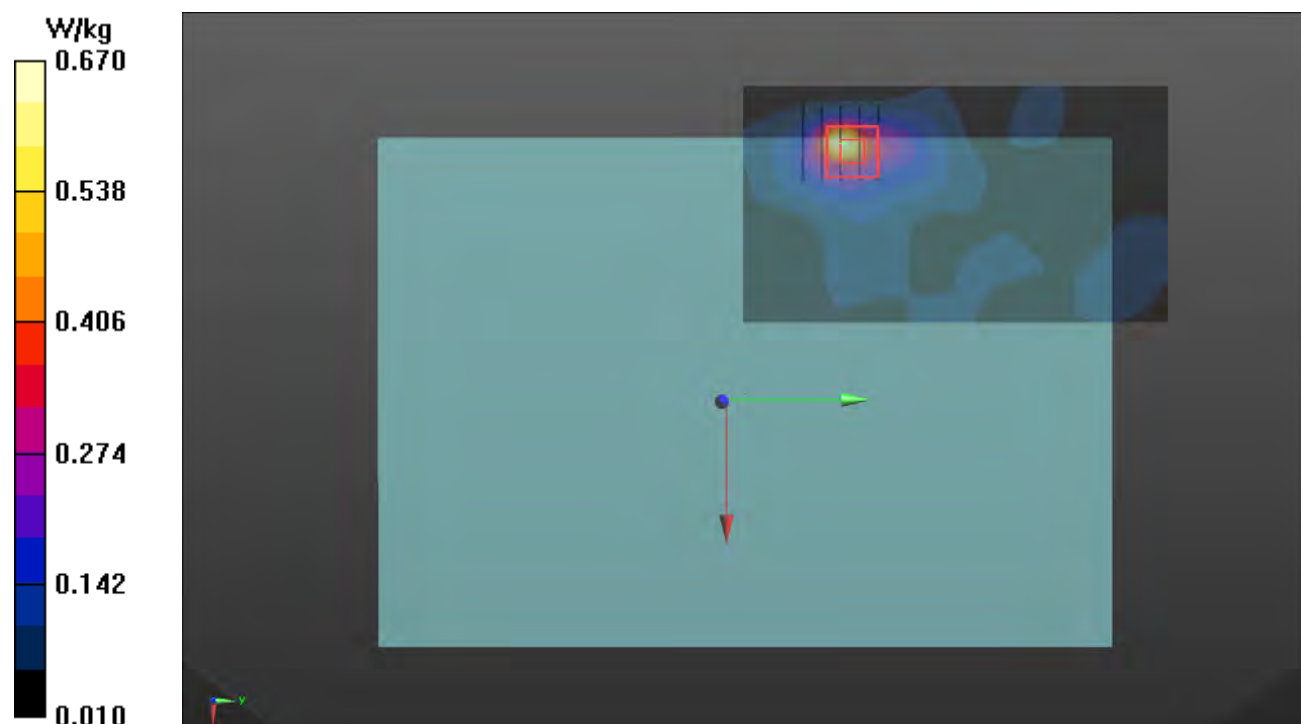
Peak SAR (extrapolated) = 1.33 W/kg

SAR(1 g) = 0.512 W/kg; SAR(10 g) = 0.213 W/kg (SAR corrected for target medium)

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

Ratio of SAR at M2 to SAR at M1 = 41.2%

Maximum value of SAR (measured) = 0.861 W/kg



**P06 LTE 5_QPSK10M_Rear
Face_0mm_Ch20525_25RB_OS0_Sample1_P-Sensor_w****DUT: P21080879**

Communication System: UID 10154 - CAG, LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK);
Frequency: 836.5 MHz; Duty Cycle: 1:3.76
Medium: H07T10N1_0923 Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.91$ S/m; $\epsilon_r = 41.139$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(10.17, 10.17, 10.17) @ 836.5 MHz; Calibrated: 2021/01/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2021/03/24
- Phantom: ELI Phantom_1043; Type: QD OVA 002 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.01 W/kg

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

Reference Value = 31.24 V/m; Power Drift = -0.12 dB

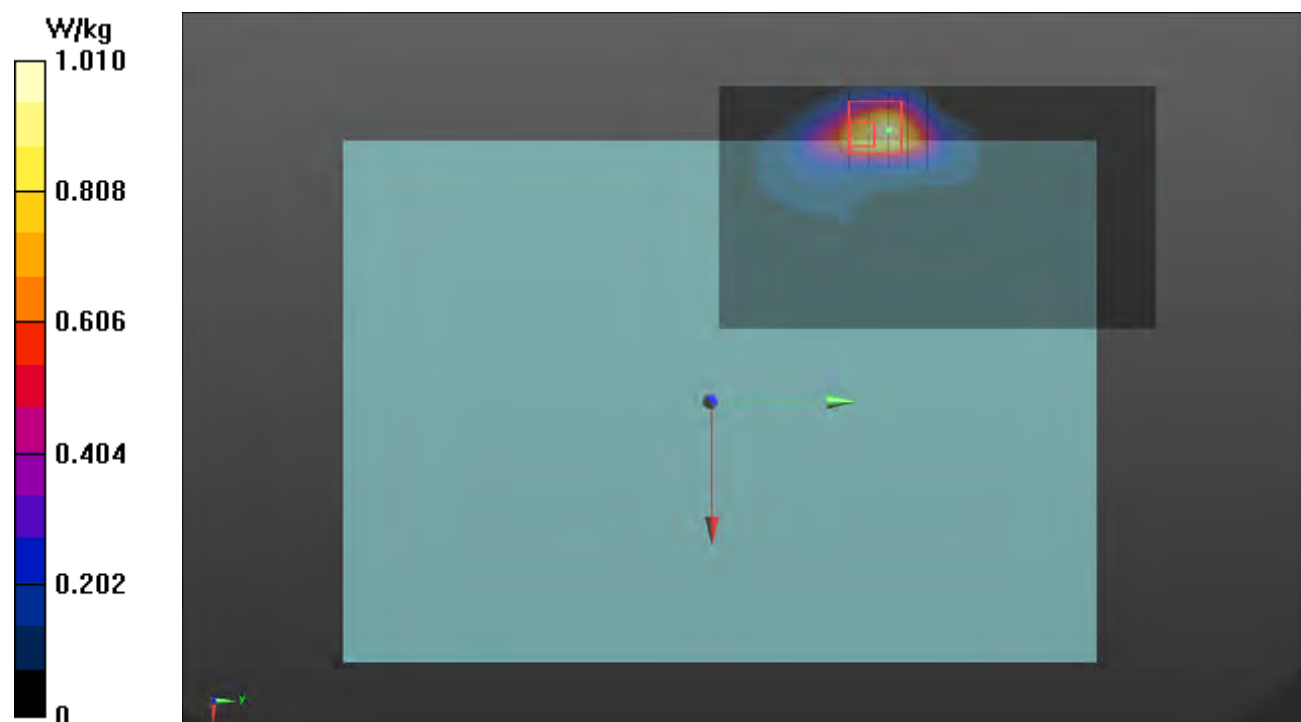
Peak SAR (extrapolated) = 1.02 W/kg

SAR(1 g) = 0.284 W/kg; SAR(10 g) = 0.194 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 8.2 mm

Ratio of SAR at M2 to SAR at M1 = 47.3%

Maximum value of SAR (measured) = 0.745 W/kg



P07 LTE 7_QPSK20M_Botton
Side_15mm_Ch21350_1RB_OS0_Sample1_P-Sensor_w_o

DUT: P21080879

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

Medium: H19T27N1_1105 Medium parameters used: $f = 2560$ MHz; $\sigma = 2.003$ S/m; $\epsilon_r = 37.943$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7537; ConvF(7.41, 7.41, 7.41) @ 2560 MHz; Calibrated: 2021/04/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2021/04/15
- Phantom: ELI Phantom_2118; Type: QD OVA 004 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x301x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 0.259 W/kg

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

Reference Value = 10.64 V/m; Power Drift = -0.06 dB

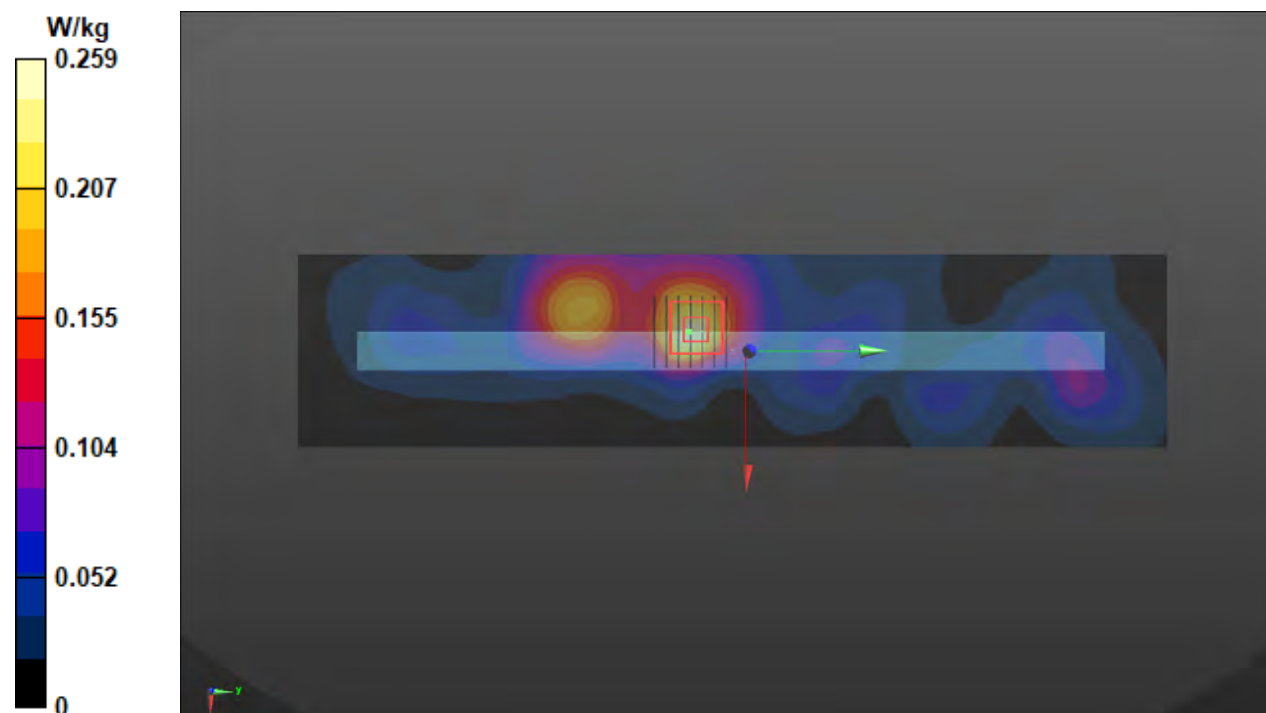
Peak SAR (extrapolated) = 0.325 W/kg

SAR(1 g) = 0.170 W/kg; SAR(10 g) = 0.093 W/kg (SAR corrected for target medium)

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

Ratio of SAR at M2 to SAR at M1 = 53%

Maximum value of SAR (measured) = 0.265 W/kg



**P08 LTE 12_QPSK10M_Rear
Face_0mm_Ch23130_1RB_OS0_Sample1_P-Sensor_w****DUT: P21080879**

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

Frequency: 711 MHz; Duty Cycle: 1:3.74

Medium: H06T09N1_0923 Medium parameters used: $f = 711$ MHz; $\sigma = 0.854$ S/m; $\epsilon_r = 42.053$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(10.45, 10.45, 10.45) @ 711 MHz; Calibrated: 2021/01/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2021/03/24
- Phantom: ELI Phantom_1043; Type: QD OVA 002 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.564 W/kg

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

Reference Value = 26.05 V/m; Power Drift = -0.18 dB

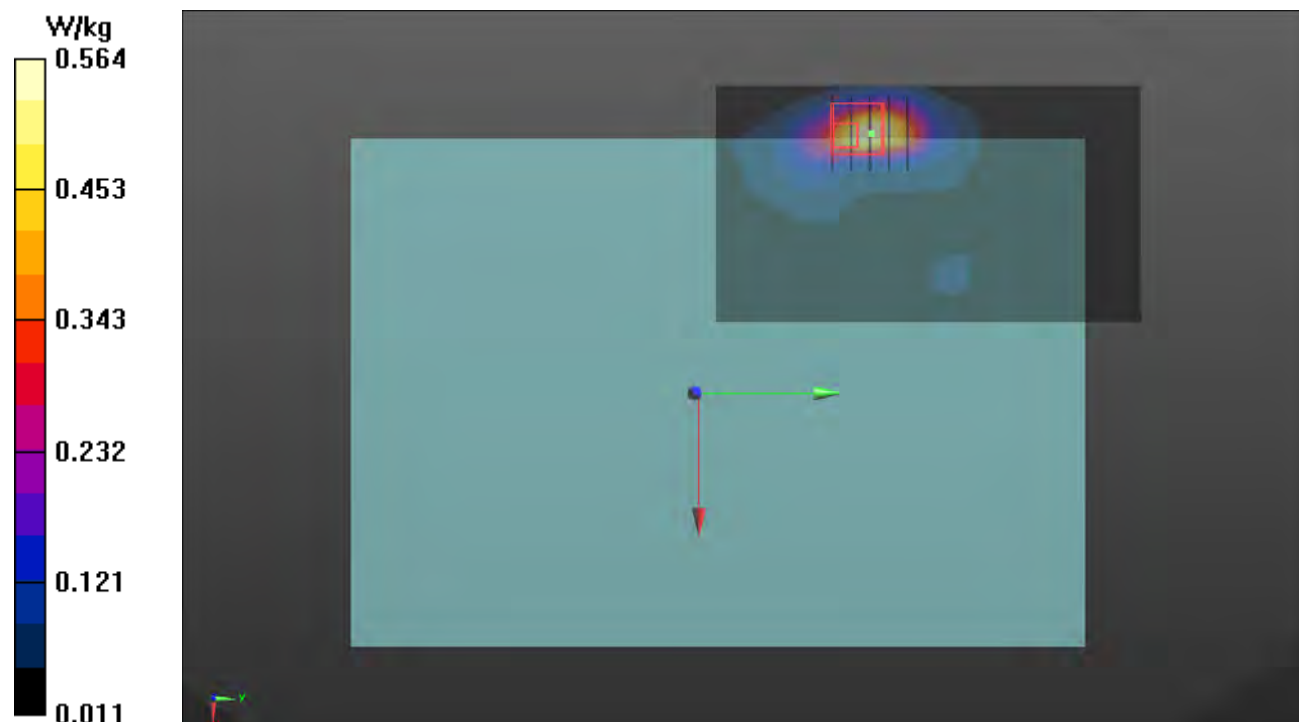
Peak SAR (extrapolated) = 0.765 W/kg

SAR(1 g) = 0.299 W/kg; SAR(10 g) = 0.141 W/kg (SAR corrected for target medium)

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

Ratio of SAR at M2 to SAR at M1 = 40.8%

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



P09 LTE 13_QPSK10M_Rear
Face_0mm_Ch23230_25RB_OS0_Sample1_P-Sensor_w

DUT: P21080879

Communication System: UID 10154 - CAG, LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK);
Frequency: 782 MHz; Duty Cycle: 1:3.76

Medium: H06T09N1_0923 Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.917 \text{ S/m}$; $\epsilon_r = 41.168$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.6 °C; Liquid Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(10.45, 10.45, 10.45) @ 782 MHz; Calibrated: 2021/01/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2021/03/24
- Phantom: ELI Phantom_1043; Type: QD OVA 002 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x121x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 1.26 W/kg

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

Reference Value = 38.82 V/m; Power Drift = -0.09 dB

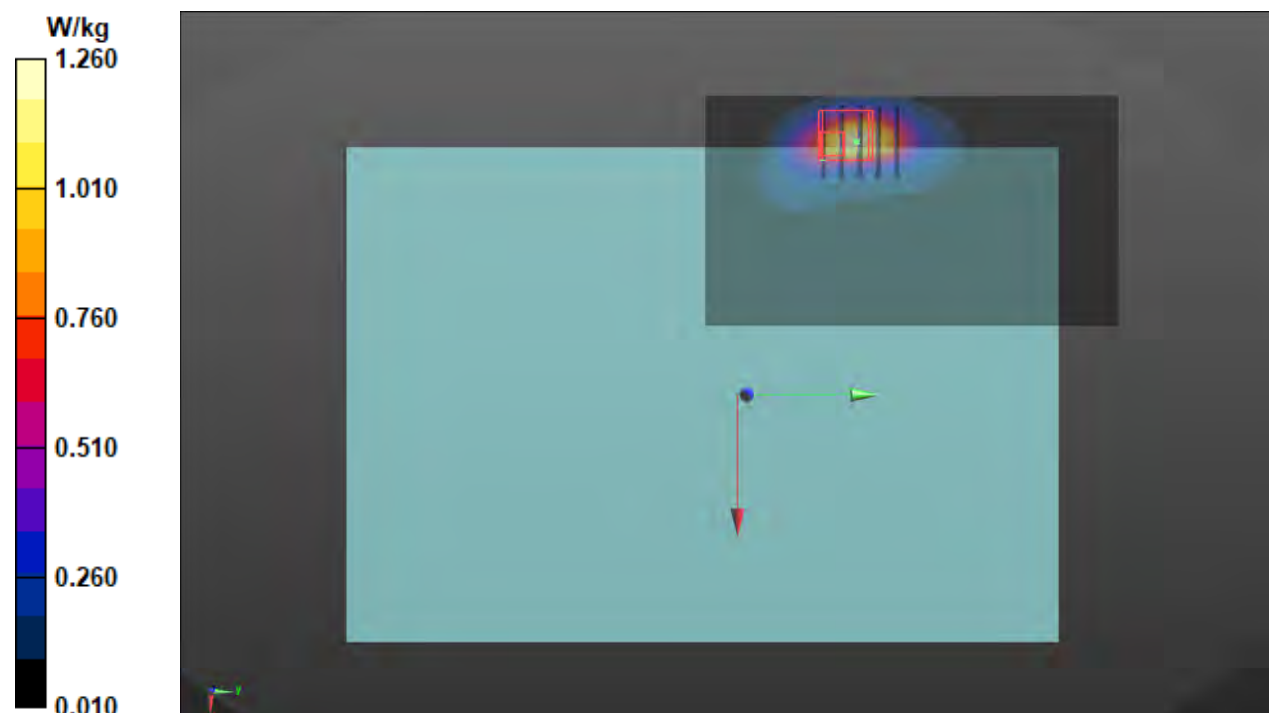
Peak SAR (extrapolated) = 1.96 W/kg

SAR(1 g) = 0.688 W/kg; SAR(10 g) = 0.329 W/kg (SAR corrected for target medium)

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

Ratio of SAR at M2 to SAR at M1 = 36.4%

Maximum value of SAR (measured) = 1.30 W/kg



**P10 LTE 14_QPSK10M_Rear
Face_0mm_Ch23330_25RB_OS0_Sample1_P-Sensor_w****DUT: P21080879**

Communication System: UID 10154 - CAG, LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK);

Frequency: 793 MHz; Duty Cycle: 1:3.76

Medium: H06T09N1_0923 Medium parameters used: $f = 793$ MHz; $\sigma = 0.94$ S/m; $\epsilon_r = 41.201$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(10.45, 10.45, 10.45) @ 793 MHz; Calibrated: 2021/01/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2021/03/24
- Phantom: ELI Phantom_1043; Type: QD OVA 002 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.881 W/kg

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

Reference Value = 31.63 V/m; Power Drift = -0.02 dB

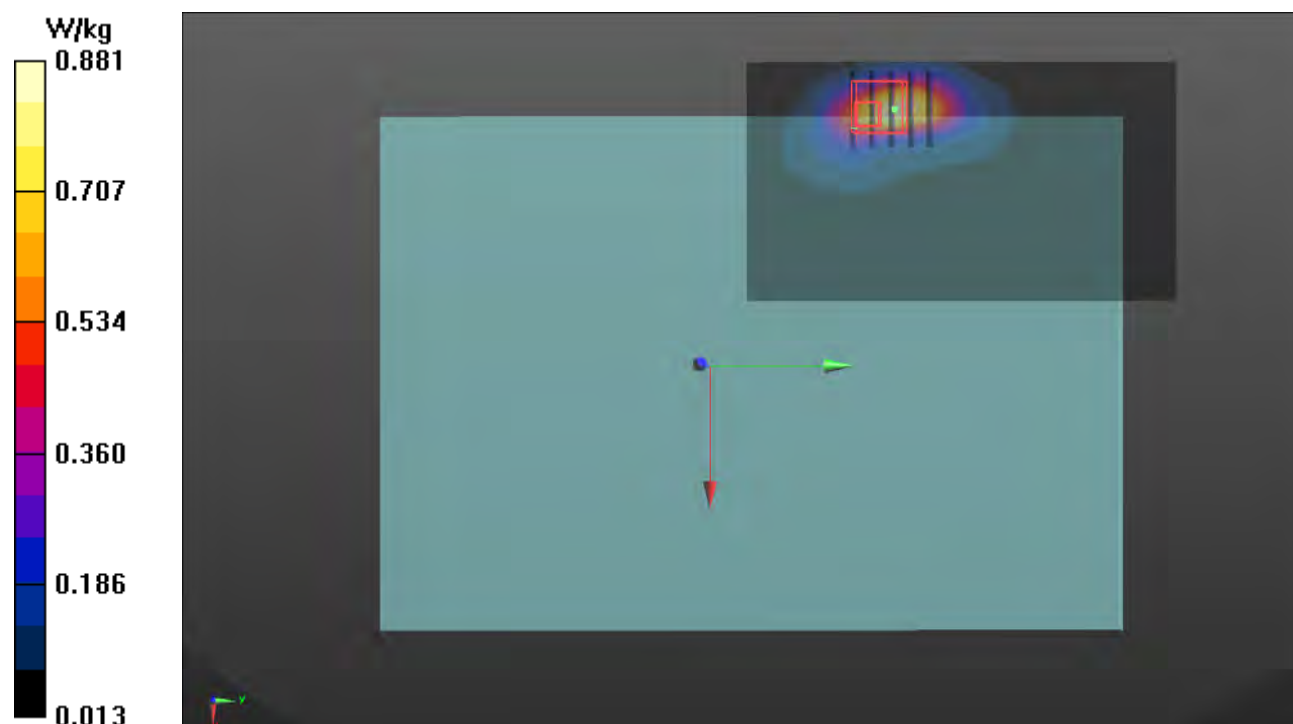
Peak SAR (extrapolated) = 1.24 W/kg

SAR(1 g) = 0.471 W/kg; SAR(10 g) = 0.223 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 8.2 mm

Ratio of SAR at M2 to SAR at M1 = 39.3%

Maximum value of SAR (measured) = 0.885 W/kg



**P11 LTE 17_QPSK10M_Rear
Face_0mm_Ch23800_25RB_OS0_Sample1_P-Sensor_w****DUT: P21080879**

Communication System: UID 10154 - CAG, LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK);

Frequency: 711 MHz; Duty Cycle: 1:3.76

Medium: H06T09N1_0923 Medium parameters used: $f = 711$ MHz; $\sigma = 0.866$ S/m; $\epsilon_r = 42.275$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(10.45, 10.45, 10.45) @ 711 MHz; Calibrated: 2021/01/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2021/03/24
- Phantom: ELI Phantom_1043; Type: QD OVA 002 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.608 W/kg

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

Reference Value = 26.67 V/m; Power Drift = 0.02 dB

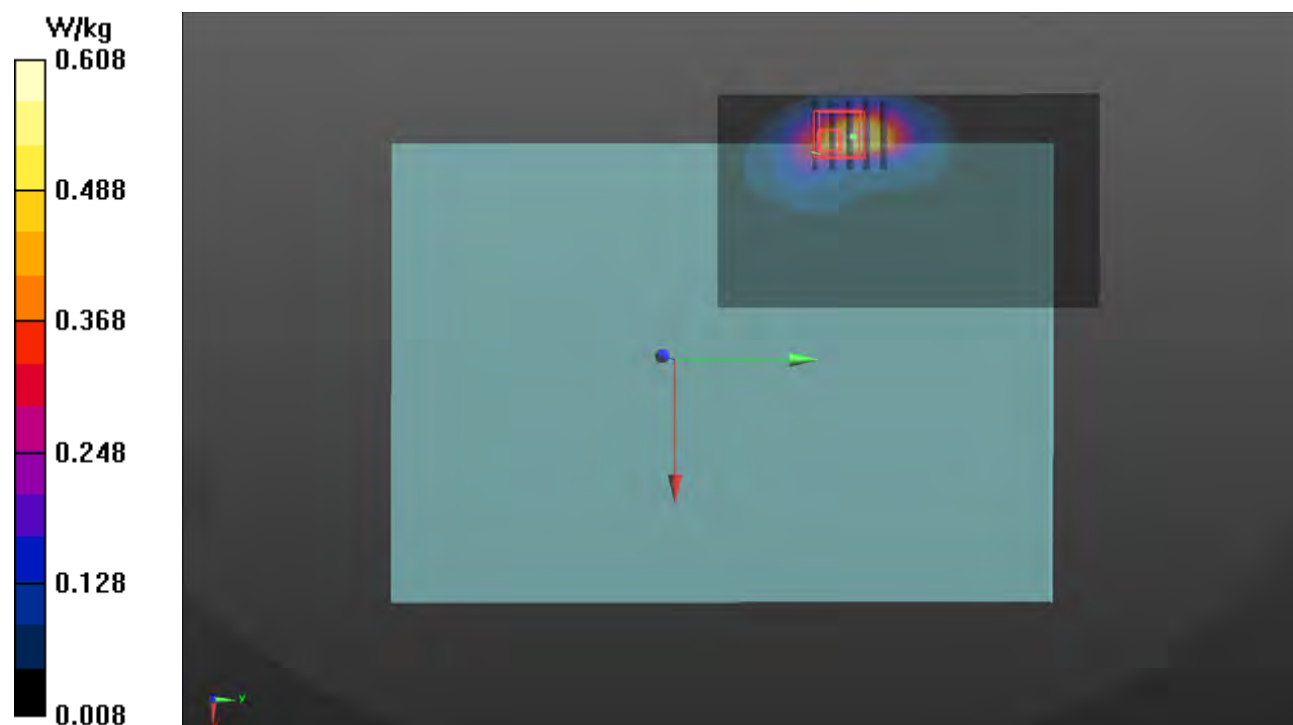
Peak SAR (extrapolated) = 0.857 W/kg

SAR(1 g) = 0.329 W/kg; SAR(10 g) = 0.157 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 8.2 mm

Ratio of SAR at M2 to SAR at M1 = 40%

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



**P12 LTE 25_QPSK20M_Rear
Face_0mm_Ch26590_1RB_OS0_Sample1_P-Sensor_w****DUT: P21080879**

Communication System: UID 10169 - CAE, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK);
Frequency: 1905 MHz; Duty Cycle: 1:3.74
Medium: H16T20N1_0924 Medium parameters used (interpolated): $f = 1905$ MHz; $\sigma = 1.46$ S/m; $\epsilon_r = 39.08$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(8.35, 8.35, 8.35) @ 1905 MHz; Calibrated: 2021/01/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2021/03/24
- Phantom: ELI Phantom_1043; Type: QD OVA 002 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x121x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm
Maximum value of SAR (interpolated) = 0.927 W/kg

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

Reference Value = 21.53 V/m; Power Drift = -0.03 dB

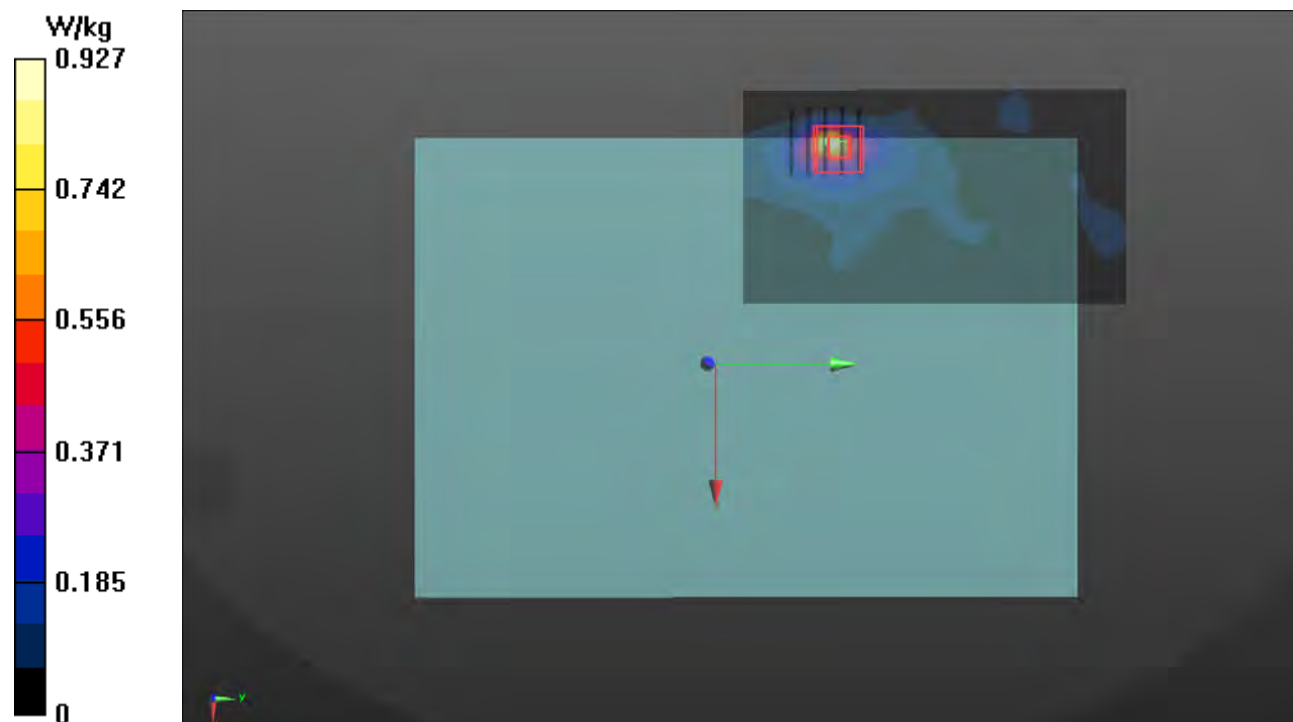
Peak SAR (extrapolated) = 1.35 W/kg

SAR(1 g) = 0.511 W/kg; SAR(10 g) = 0.215 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 7.2 mm

Ratio of SAR at M2 to SAR at M1 = 41.5%

Maximum value of SAR (measured) = 0.888 W/kg



**P13 LTE 26_QPSK15M_Rear
Face_0mm_Ch26765_1RB_OS0_Sample1_P-Sensor_w****DUT: P21080879**

Communication System: UID 10181 - CAE, LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK);
Frequency: 821.5 MHz; Duty Cycle: 1:3.74

Medium: H07T10N1_0924 Medium parameters used (interpolated): $f = 821.5$ MHz; $\sigma = 0.902$ S/m;
 $\epsilon_r = 40.784$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(10.17, 10.17, 10.17) @ 821.5 MHz; Calibrated: 2021/01/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2021/03/24
- Phantom: ELI Phantom_1043; Type: QD OVA 002 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x121x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm
Maximum value of SAR (interpolated) = 0.757 W/kg

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

Reference Value = 30.16 V/m; Power Drift = -0.12 dB

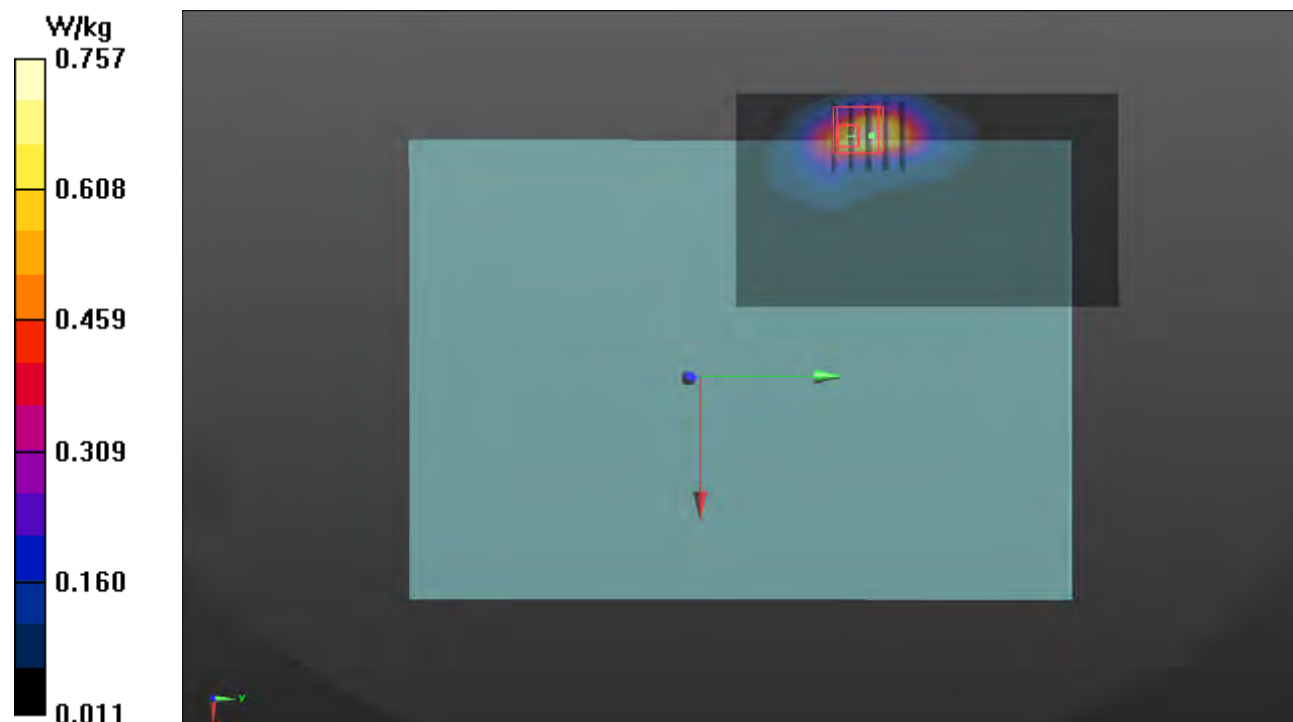
Peak SAR (extrapolated) = 1.05 W/kg

SAR(1 g) = 0.407 W/kg; SAR(10 g) = 0.195 W/kg (SAR corrected for target medium)

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

Ratio of SAR at M2 to SAR at M1 = 43.8%

Maximum value of SAR (measured) = 0.741 W/kg



**P14 LTE 30_QPSK10M_Rear
Face_0mm_Ch27710_1RB_OS0_Sample3_P-Sensor_w****DUT: P21080879**

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

Frequency: 2310 MHz; Duty Cycle: 1:3.74

Medium: H19T27N1_0924 Medium parameters used: $f = 2310$ MHz; $\sigma = 1.742$ S/m; $\epsilon_r = 38.807$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(7.99, 7.99, 7.99) @ 2310 MHz; Calibrated: 2021/01/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2021/03/24
- Phantom: ELI Phantom_1043; Type: QD OVA 002 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (91x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.593 W/kg

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

Reference Value = 17.59 V/m; Power Drift = 0.09 dB

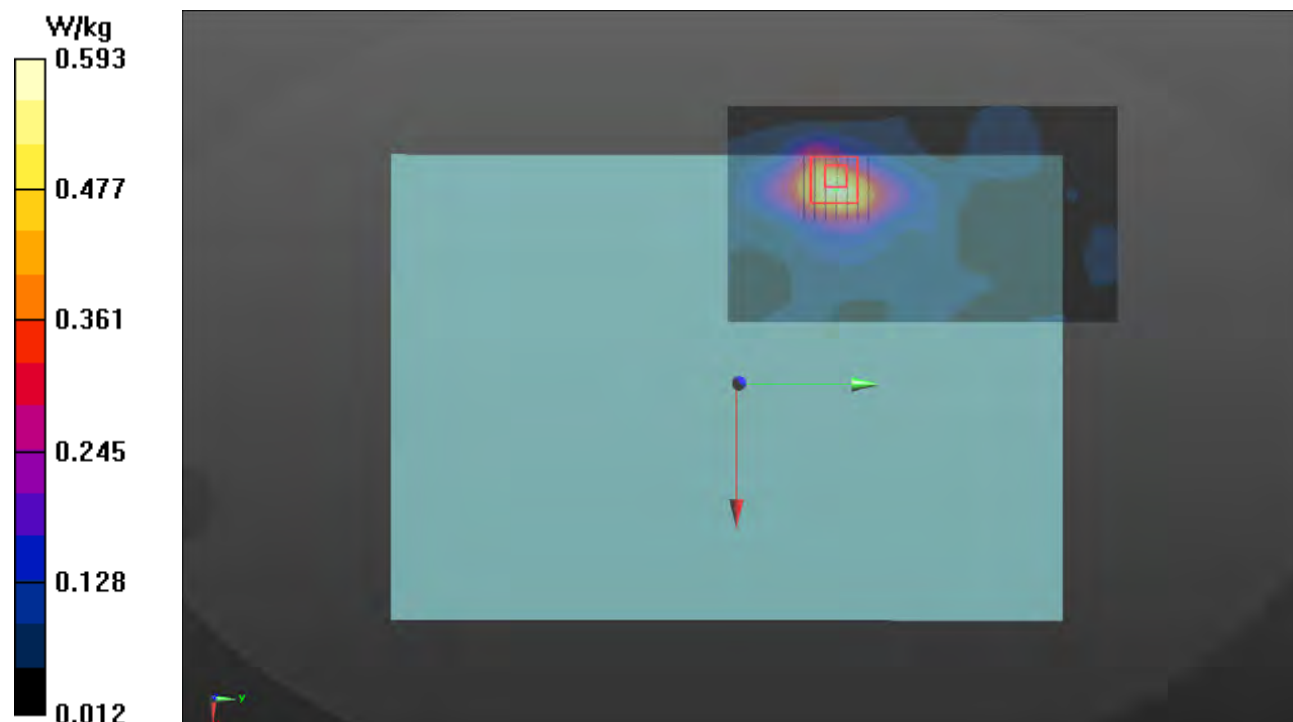
Peak SAR (extrapolated) = 1.42 W/kg

SAR(1 g) = 0.260 W/kg; SAR(10 g) = 0.107 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 7.8 mm

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

Maximum value of SAR (measured) = 1.09 W/kg



**P15 LTE 38_QPSK20M_Rear
Face_0mm_Ch37850_50RB_OS0_Sample1_P-Sensor_w****DUT: P21080879**

Communication System: UID 10151 - CAG, LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK);

Frequency: 2580 MHz; Duty Cycle: 1:8.64

Medium: H19T27N1_0924 Medium parameters used: $f = 2580$ MHz; $\sigma = 2.012$ S/m; $\epsilon_r = 37.83$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(7.72, 7.72, 7.72) @ 2580 MHz; Calibrated: 2021/01/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2021/03/24
- Phantom: ELI Phantom_1043; Type: QD OVA 002 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (91x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.381 W/kg

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

Reference Value = 13.13 V/m; Power Drift = -0.07 dB

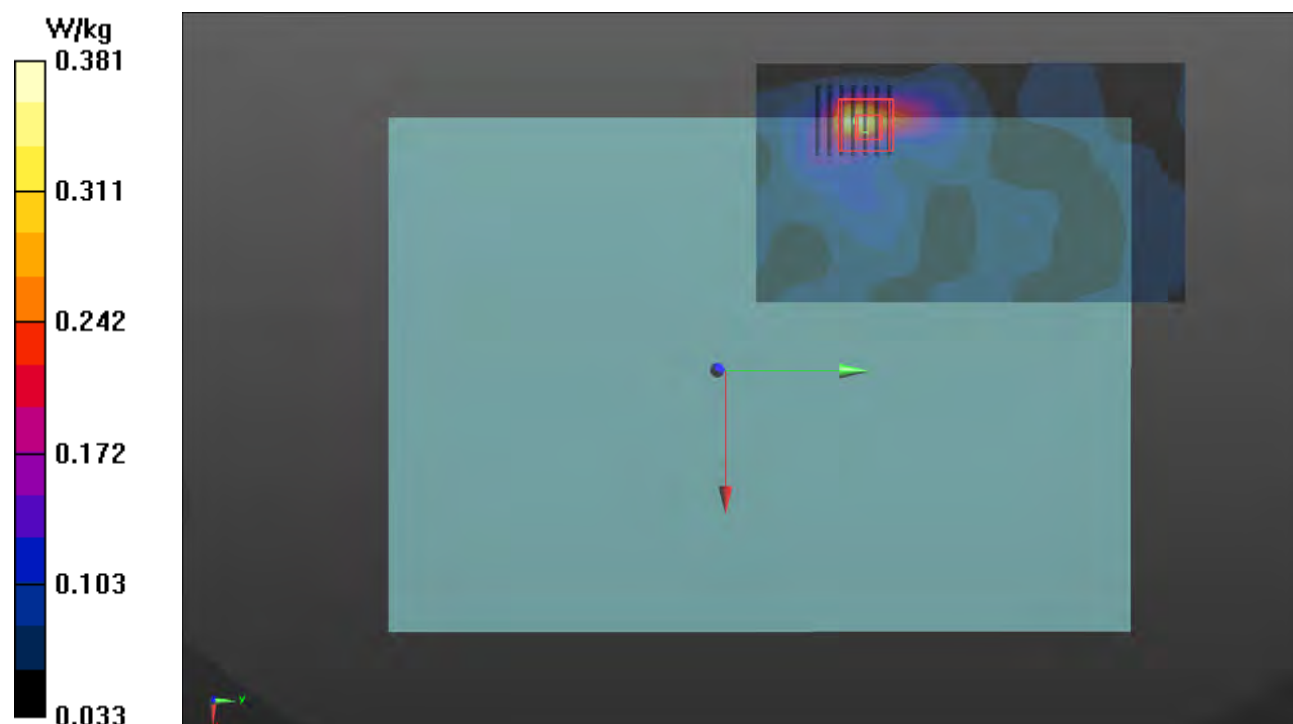
Peak SAR (extrapolated) = 0.949 W/kg

SAR(1 g) = 0.297 W/kg; SAR(10 g) = 0.140 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 6.7 mm

Ratio of SAR at M2 to SAR at M1 = 35.8%

Maximum value of SAR (measured) = 0.664 W/kg



**P16 LTE 41_QPSK20M_Bottom
Side_0mm_Ch40185_50RB_OS0_Sample1_P-Sensor_w****DUT: P21080879**

Communication System: UID 10151 - CAG, LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK);

Frequency: 2549.5 MHz; Duty Cycle: 1:8.47

Medium: H19T27N1_0924 Medium parameters used: $f = 2550$ MHz; $\sigma = 1.984$ S/m; $\epsilon_r = 37.979$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(7.72, 7.72, 7.72) @ 2549.5 MHz; Calibrated: 2021/01/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2021/03/24
- Phantom: ELI Phantom_1043; Type: QD OVA 002 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x301x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.109 W/kg

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

Reference Value = 6.597 V/m; Power Drift = -0.05 dB

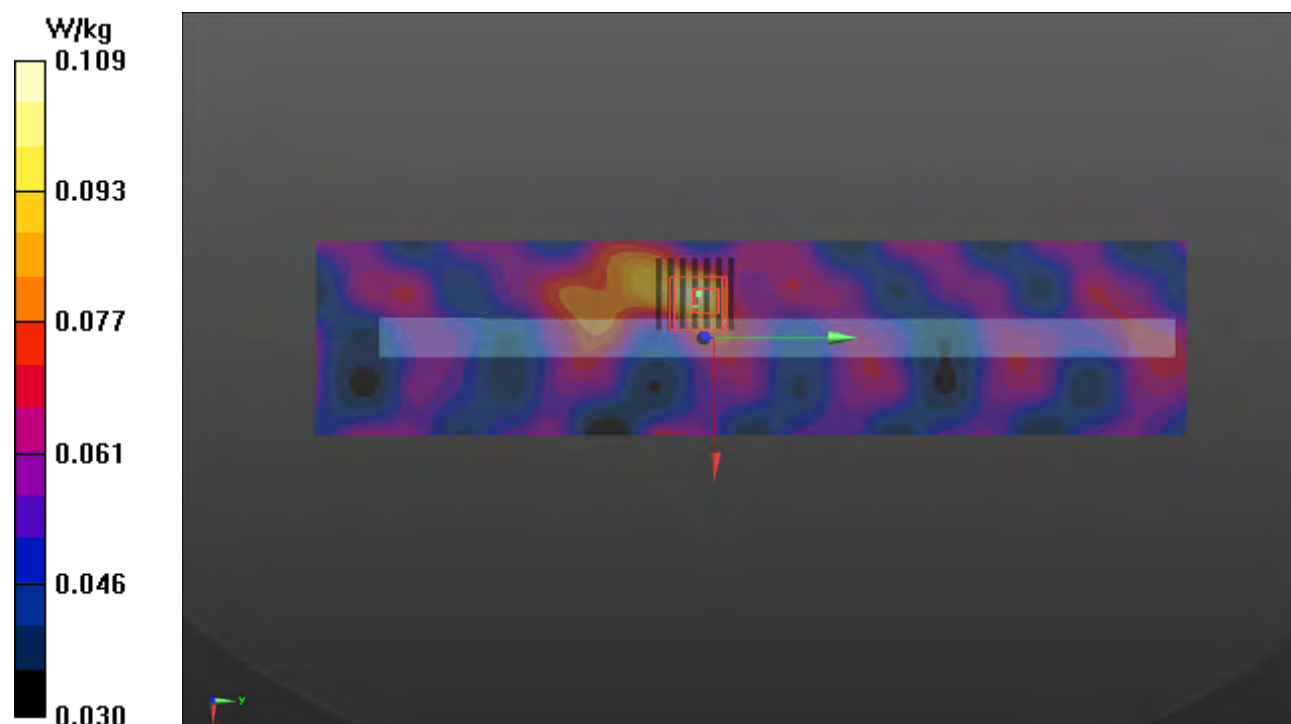
Peak SAR (extrapolated) = 0.112 W/kg

SAR(1 g) = 0.061 W/kg; SAR(10 g) = 0.038 W/kg (SAR corrected for target medium)

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

Ratio of SAR at M2 to SAR at M1 = 55.8%

Maximum value of SAR (measured) = 0.0927 W/kg



**P17 LTE 66_QPSK20M_Rear
Face_0mm_Ch132072_1RB_OS0_Sample1_P-Sensor_w****DUT: P21080879**

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

Frequency: 1720 MHz; Duty Cycle: 1:3.74

Medium: H16T20N1_0924 Medium parameters used: $f = 1720$ MHz; $\sigma = 1.295$ S/m; $\epsilon_r = 39.769$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(8.64, 8.64, 8.64) @ 1720 MHz; Calibrated: 2021/01/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2021/03/24
- Phantom: ELI Phantom_1043; Type: QD OVA 002 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.448 W/kg

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

Reference Value = 17.76 V/m; Power Drift = -0.05 dB

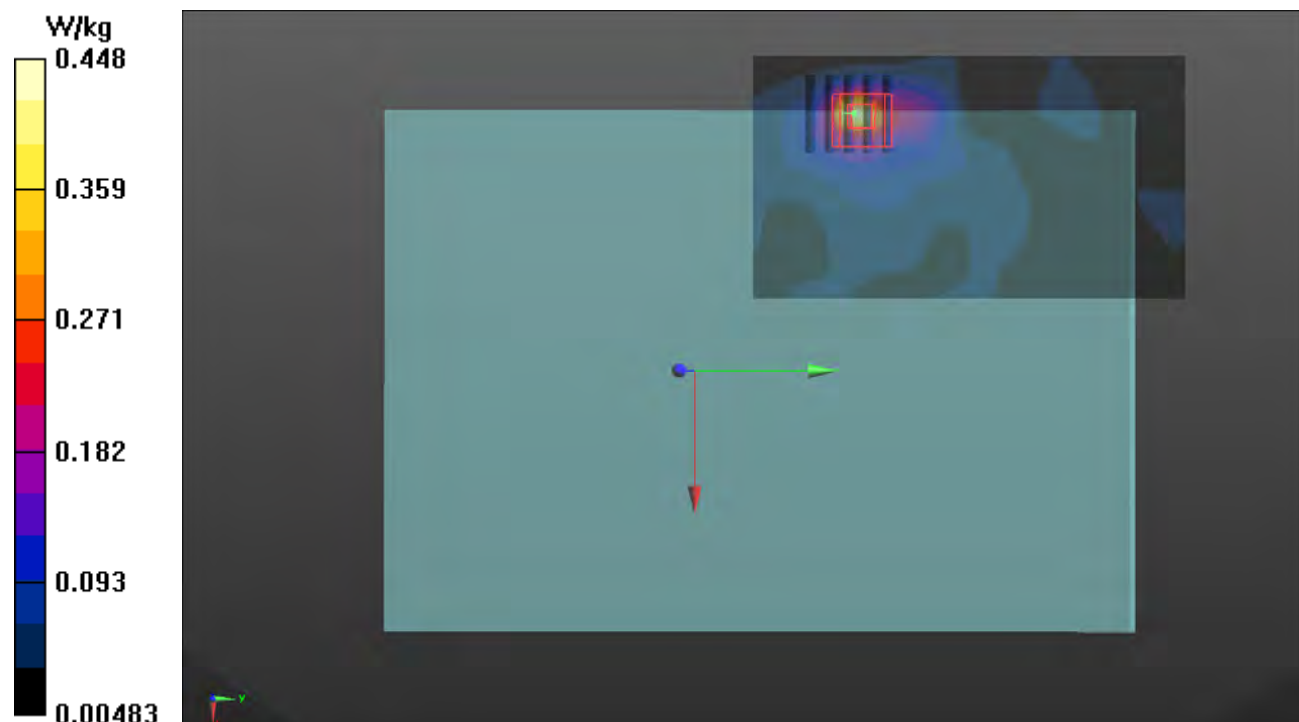
Peak SAR (extrapolated) = 0.649 W/kg

SAR(1 g) = 0.278 W/kg; SAR(10 g) = 0.128 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 8.6 mm

Ratio of SAR at M2 to SAR at M1 = 41.2%

Maximum value of SAR (measured) = 0.489 W/kg



P18 WLAN2.4G_802.11n HT40_Top Side_0mm_Ch3_Sample1_Ant 0+1_w

DUT: P21080879

Communication System: UID 10599 - AAC, IEEE 802.11n (HT Mixed, 40MHz, MCS0);

Frequency: 2422 MHz; Duty Cycle: 1:1.01

Medium: H19T27N1_0922 Medium parameters used: $f = 2422 \text{ MHz}$; $\sigma = 1.839 \text{ S/m}$; $\epsilon_r = 38.001$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $23.6 \text{ }^\circ\text{C}$; Liquid Temperature : $23.4 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(7.87, 7.87, 7.87) @ 2422 MHz; Calibrated: 2021/01/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2021/03/24
- Phantom: ELI Phantom_1043; Type: QD OVA 002 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x291x1): Interpolated grid: $dx=1.200 \text{ mm}$, $dy=1.200 \text{ mm}$

Maximum value of SAR (interpolated) = 1.63 W/kg

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

Reference Value = 29.76 V/m ; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 2.52 W/kg

SAR(1 g) = 1.13 W/kg ; SAR(10 g) = 0.514 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 8 mm

Ratio of SAR at M2 to SAR at M1 = 45.7%

Maximum value of SAR (measured) = 1.91 W/kg

Zoom Scan (7x7x7)/Cube 1: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 29.76 V/m ; Power Drift = 0.11 dB

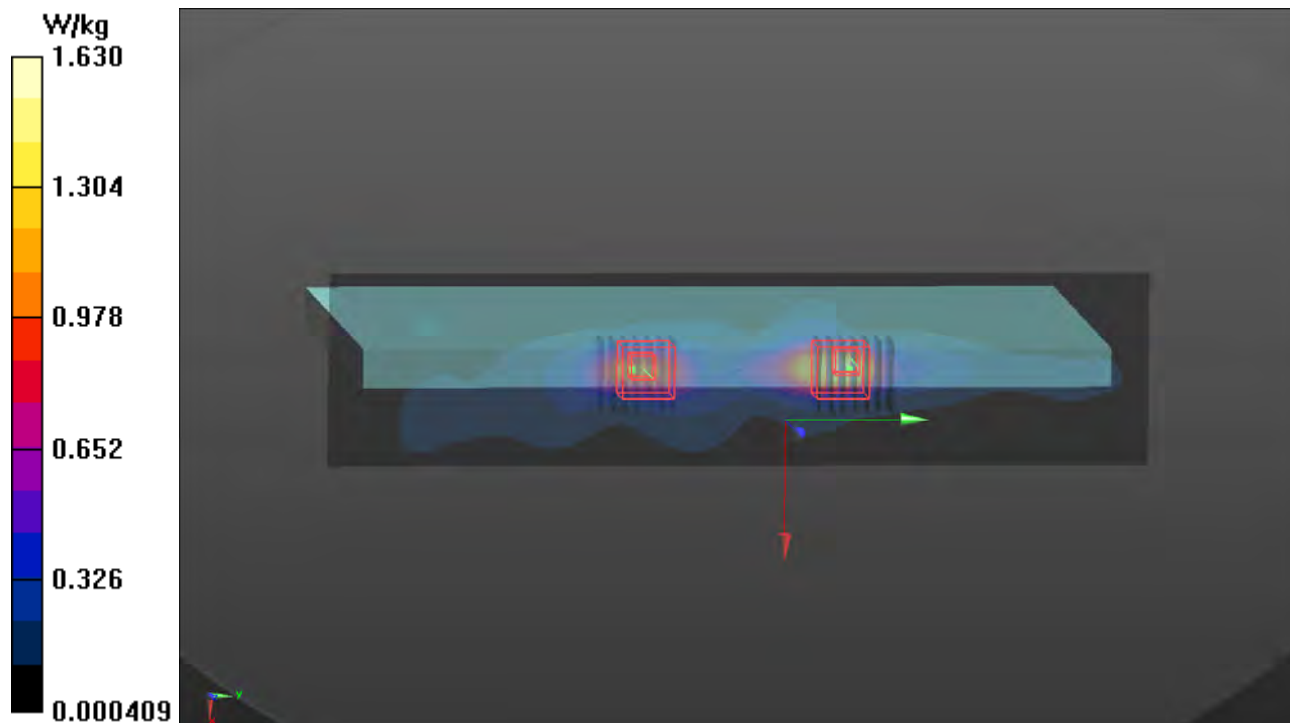
Peak SAR (extrapolated) = 2.79 W/kg

SAR(1 g) = 1.12 W/kg ; SAR(10 g) = 0.500 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 7.3 mm

Ratio of SAR at M2 to SAR at M1 = 51.6%

Maximum value of SAR (measured) = 1.93 W/kg



P19 WLAN5.3G_802.11ac VHT160_Top Side_0mm_Ch50_Ant 1_w**DUT: P21080879**

Communication System: UID 10554 - AAD, IEEE 802.11ac WiFi (160MHz, MCS0); Frequency: 5250 MHz; Duty Cycle: 1:1.03

Medium: H34T60N1_0928 Medium parameters used: $f = 5250$ MHz; $\sigma = 4.818$ S/m; $\epsilon_r = 35.611$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6°C ; Liquid Temperature : 23.4°C

DASY5 Configuration:

- Probe: EX3DV4 -SN3971; ConvF(5.2, 5.2, 5.2) @ 5250 MHz; Calibrated: 2021/01/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2021/03/24
- Phantom: ELI Phantom_1043; Type: QD OVA 002 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x201x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 2.66 W/kg

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

Reference Value = 20.13 V/m; Power Drift = -0.05 dB

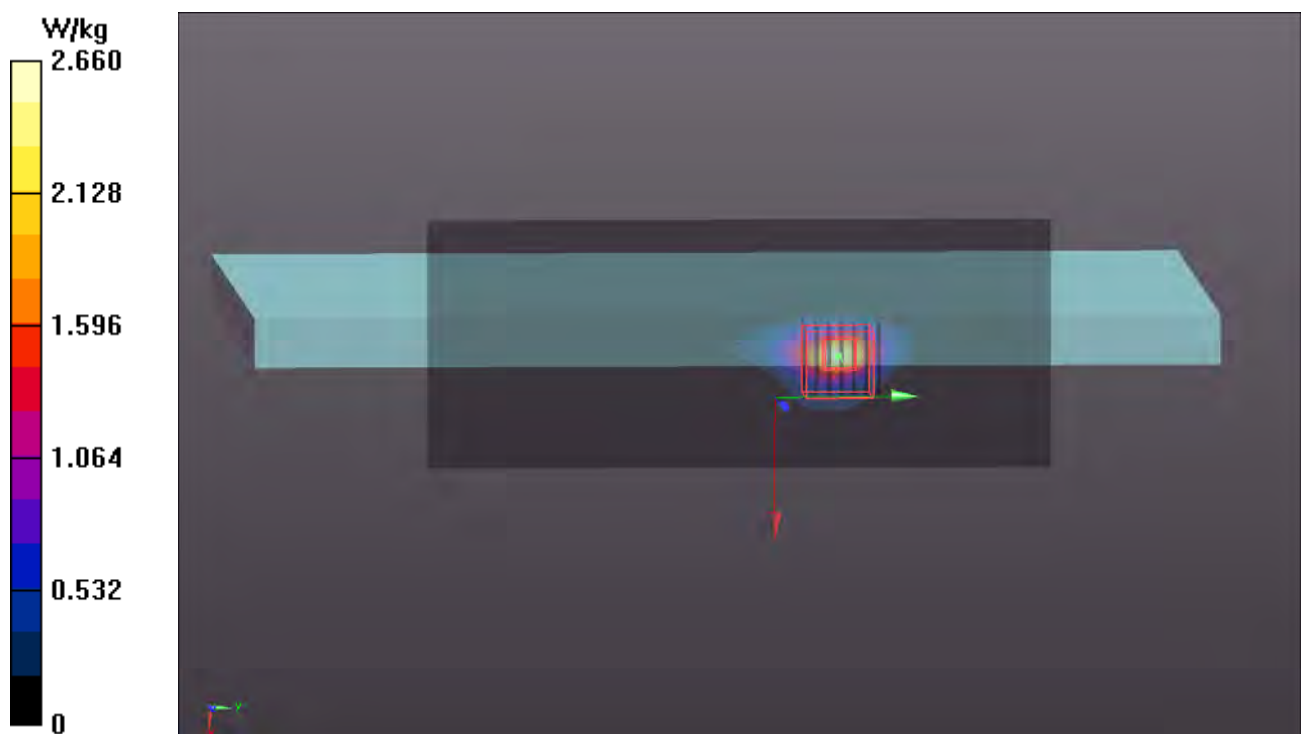
Peak SAR (extrapolated) = 4.31 W/kg

SAR(1 g) = 1.13 W/kg; SAR(10 g) = 0.365 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 7.2 mm

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

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



P20 WLAN5.6G_802.11ac VHT160_Top Side_0mm_Ch114_Sample1_Ant 1_w**DUT: P21080879**

Communication System: UID 10554 - AAD, IEEE 802.11ac WiFi (160MHz, MCS0); Frequency: 5570 MHz; Duty Cycle: 1:1.03

Medium: H34T60N1_0928 Medium parameters used: $f = 5570$ MHz; $\sigma = 5.172$ S/m; $\epsilon_r = 35.048$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(4.9, 4.9, 4.9) @ 5570 MHz; Calibrated: 2021/01/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2021/03/24
- Phantom: ELI Phantom_1043; Type: QD OVA 002 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x201x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 2.37 W/kg

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

Reference Value = 22.55 V/m; Power Drift = -0.12 dB

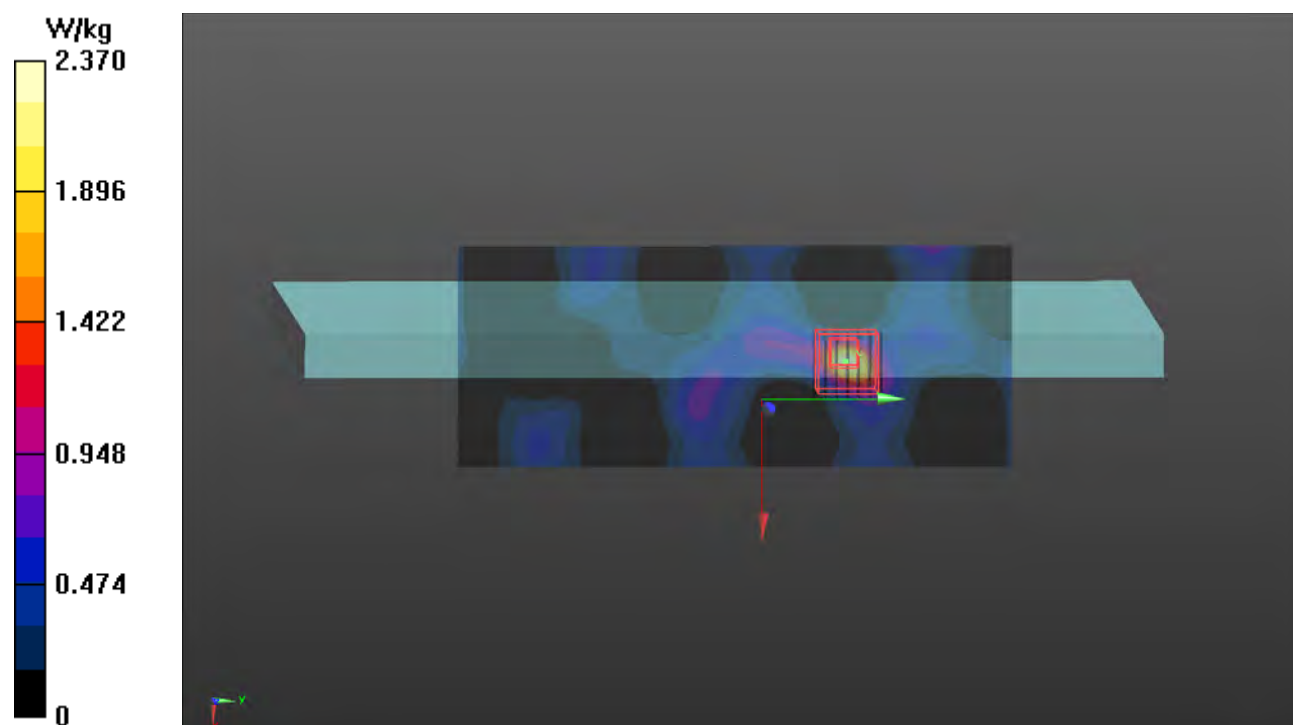
Peak SAR (extrapolated) = 3.33 W/kg

SAR(1 g) = 0.956 W/kg; SAR(10 g) = 0.287 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 7.2 mm

Ratio of SAR at M2 to SAR at M1 = 66.5%

Maximum value of SAR (measured) = 2.27 W/kg



P21 WLAN5.8G_802.11ac VHT80_Top Side_0mm_Ch155_Sample1_Ant 0+1_w**DUT: P21080879**

Communication System: UID 10544 - AAC, IEEE 802.11ac WiFi (80MHz, MCS0); Frequency: 5775 MHz; Duty Cycle: 1:1.01

Medium: H34T60N1_0930 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.403$ S/m; $\epsilon_r = 34.647$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(4.95, 4.95, 4.95) @ 5775 MHz; Calibrated: 2021/01/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2021/03/24
- Phantom: ELI Phantom_1043; Type: QD OVA 002 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x201x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.36 W/kg

Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 16.19 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 3.42 W/kg

SAR(1 g) = 0.855 W/kg; SAR(10 g) = 0.214 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 = 65.3%

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

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

Reference Value = 16.19 V/m; Power Drift = -0.14 dB

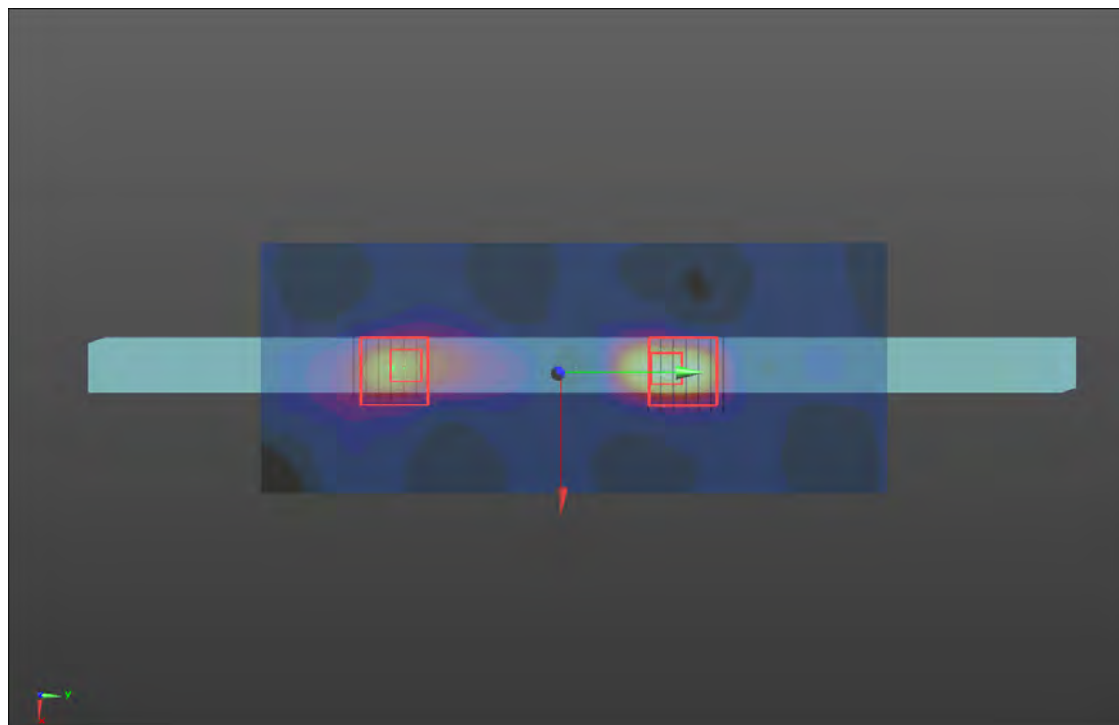
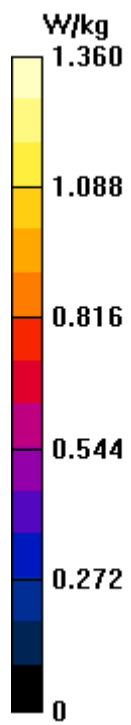
Peak SAR (extrapolated) = 2.88 W/kg

SAR(1 g) = 0.792 W/kg; SAR(10 g) = 0.237 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 6.9 mm

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

Maximum value of SAR (measured) = 1.84 W/kg



P22 BT_BDR_Top Side_0mm_Ch0_Ant 1**DUT: P21080879**

Communication System: UID 10032 - CAA, IEEE 802.15.1 Bluetooth (GFSK, DH5); Frequency: 2402 MHz; Duty Cycle: 1:1.29

Medium: H19T27N1_0922 Medium parameters used (interpolated): $f = 2402$ MHz; $\sigma = 1.82$ S/m; $\epsilon_r = 38.083$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(7.87, 7.87, 7.87) @ 2402 MHz; Calibrated: 2021/01/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2021/03/24
- Phantom: ELI Phantom_1043; Type: QD OVA 002 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x171x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.269 W/kg

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

Reference Value = 11.50 V/m; Power Drift = -0.01 dB

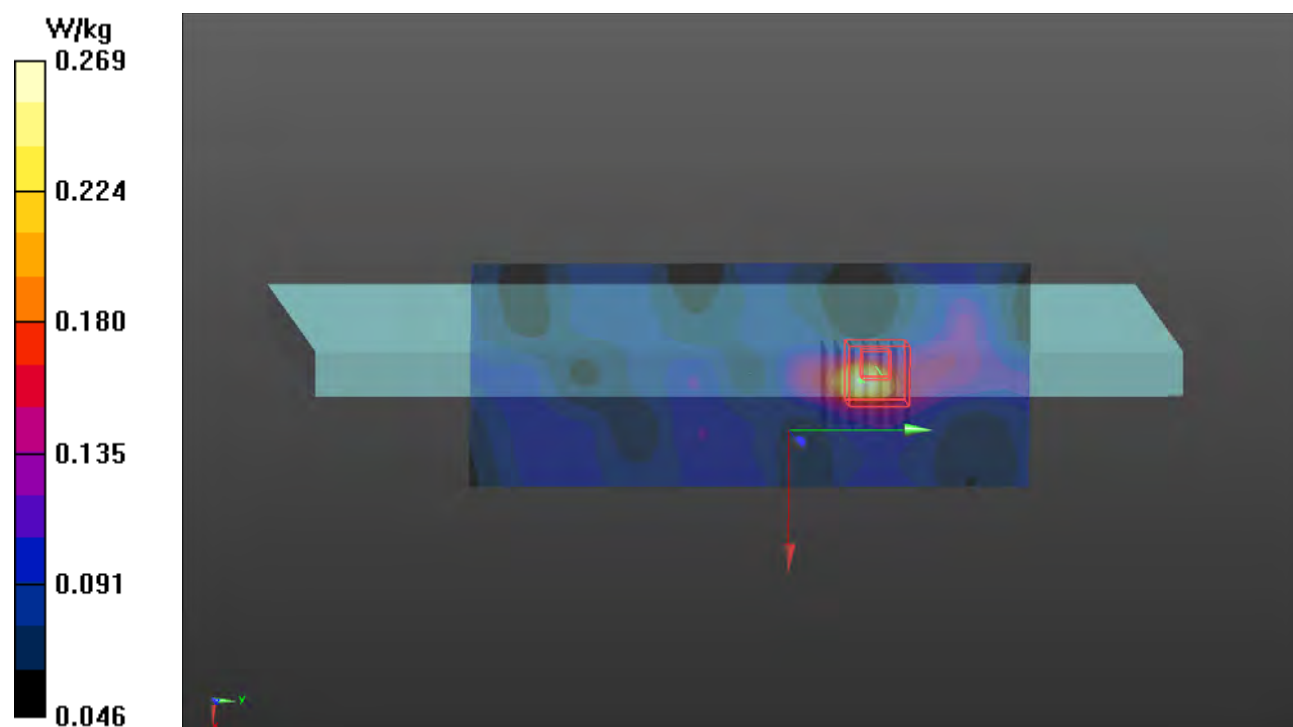
Peak SAR (extrapolated) = 0.365 W/kg

SAR(1 g) = 0.140 W/kg; SAR(10 g) = 0.078 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 8 mm

Ratio of SAR at M2 to SAR at M1 = 54.5%

Maximum value of SAR (measured) = 0.259 W/kg



P23 WCDMA II_RMC12.2K_Bottom_0mm_Ch9538_Sample1_P-Sensor_w**DUT: P21080879**

Communication System: UID 10011 - CAB, UMTS-FDD (WCDMA); Frequency: 1907.6 MHz; Duty Cycle: 1:1.95

Medium: H16T20N1_0927 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.47$ S/m; $\epsilon_r = 40.256$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C ; Liquid Temperature : 23.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(8.35, 8.35, 8.35) @ 1907.6 MHz; Calibrated: 2021/01/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2021/03/24
- Phantom: ELI Phantom_1043; Type: QD OVA 002 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.742 W/kg

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

Reference Value = 21.80 V/m; Power Drift = -0.13 dB

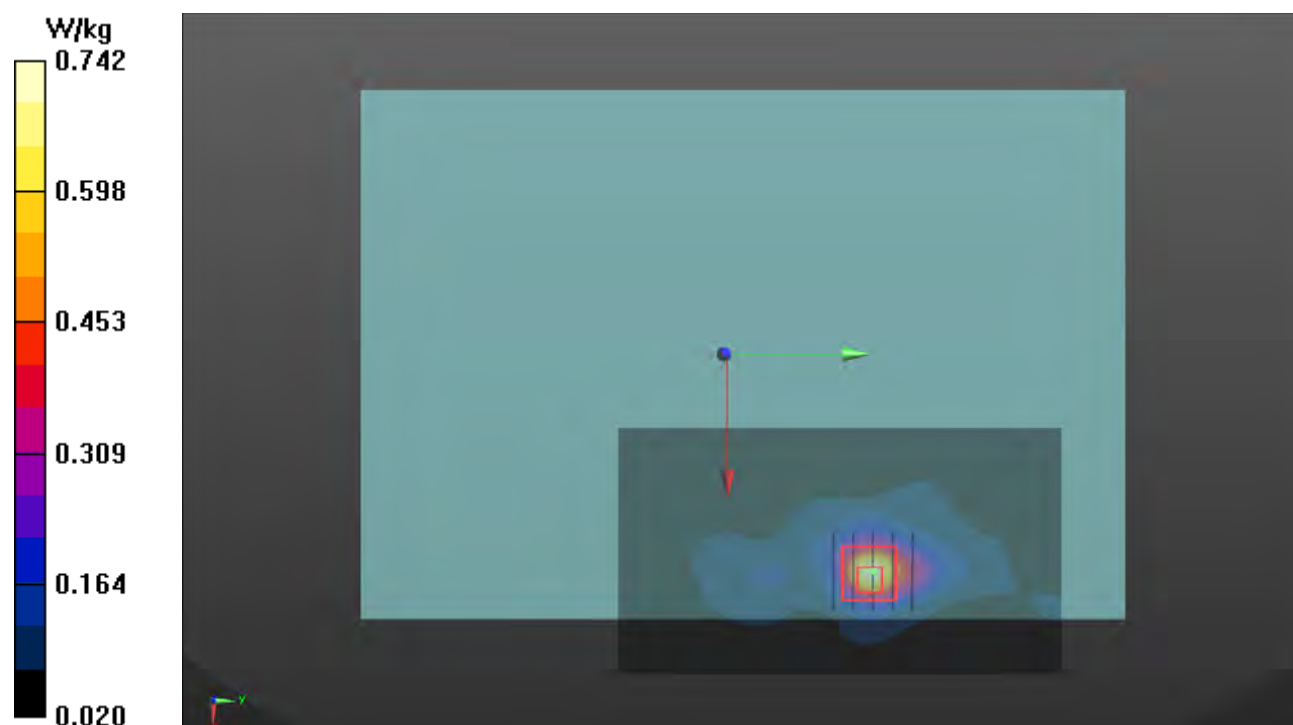
Peak SAR (extrapolated) = 0.907 W/kg

SAR(1 g) = 0.409 W/kg; SAR(10 g) = 0.208 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 8.2 mm

Ratio of SAR at M2 to SAR at M1 = 43.6%

Maximum value of SAR (measured) = 0.656 W/kg



P24 WCDMA IV_RMC12.2K_Bottom_0mm_Ch1312_Sample1_P-Sensor_w**DUT: P21080879**

Communication System: UID 10011 - CAB, UMTS-FDD (WCDMA); Frequency: 1712.4 MHz; Duty Cycle: 1:1.95

Medium: H16T20N1_0927 Medium parameters used (interpolated): $f = 1712.4$ MHz; $\sigma = 1.289$ S/m; $\epsilon_r = 40.967$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C ; Liquid Temperature : 23.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(8.64, 8.64, 8.64) @ 1712.4 MHz; Calibrated: 2021/01/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2021/03/24
- Phantom: ELI Phantom_1043; Type: QD OVA 002 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.315 W/kg

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

Reference Value = 15.41 V/m; Power Drift = -0.18 dB

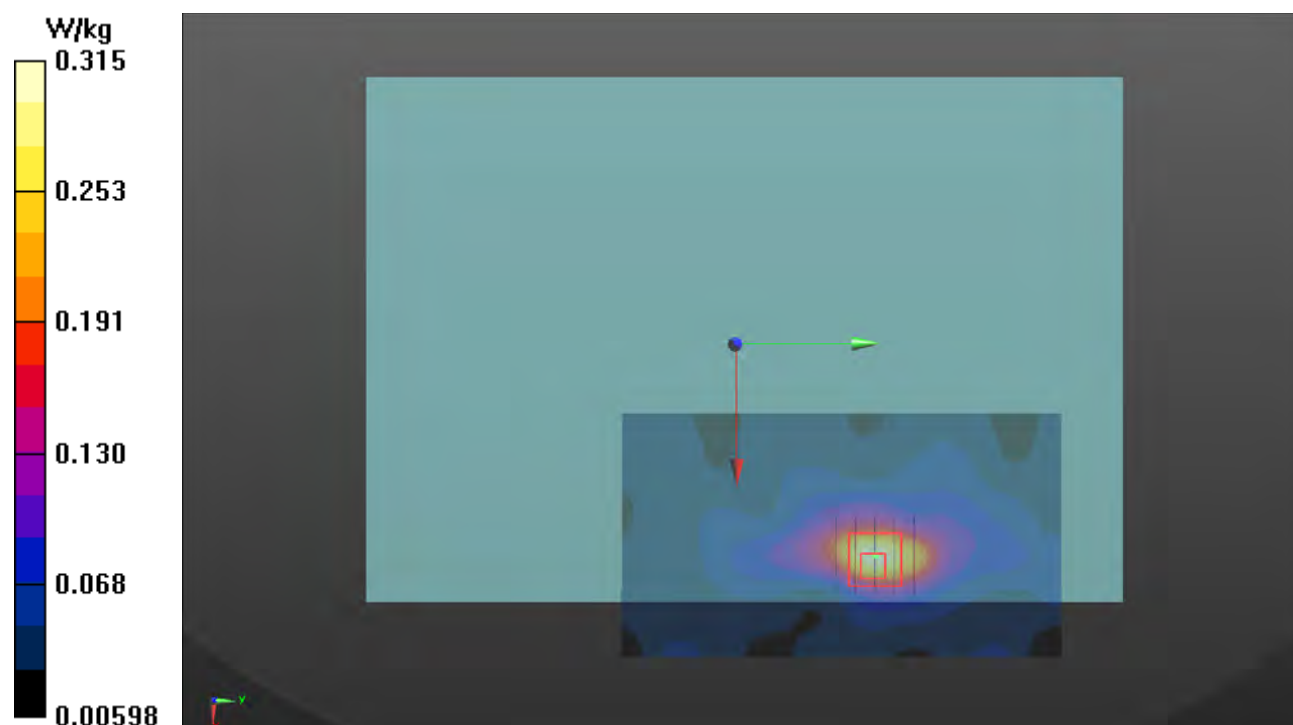
Peak SAR (extrapolated) = 0.440 W/kg

SAR(1 g) = 0.209 W/kg; SAR(10 g) = 0.111 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 9.6 mm

Ratio of SAR at M2 to SAR at M1 = 44.3%

Maximum value of SAR (measured) = 0.339 W/kg



P25 WCDMA V_RMC12.2K_Bottom_0mm_Ch4132_Sample1_P-Sensor_w**DUT: P21080879**

Communication System: UID 10011 - CAB, UMTS-FDD (WCDMA); Frequency: 826.4 MHz; Duty Cycle: 1:1.95

Medium: H07T10N1_0927 Medium parameters used (interpolated): $f = 826.4$ MHz; $\sigma = 0.92$ S/m; $\epsilon_r = 42.122$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C ; Liquid Temperature : 23.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(10.17, 10.17, 10.17) @ 826.4 MHz; Calibrated: 2021/01/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2021/03/24
- Phantom: ELI Phantom_1043; Type: QD OVA 002 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.403 W/kg

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

Reference Value = 21.44 V/m; Power Drift = -0.18 dB

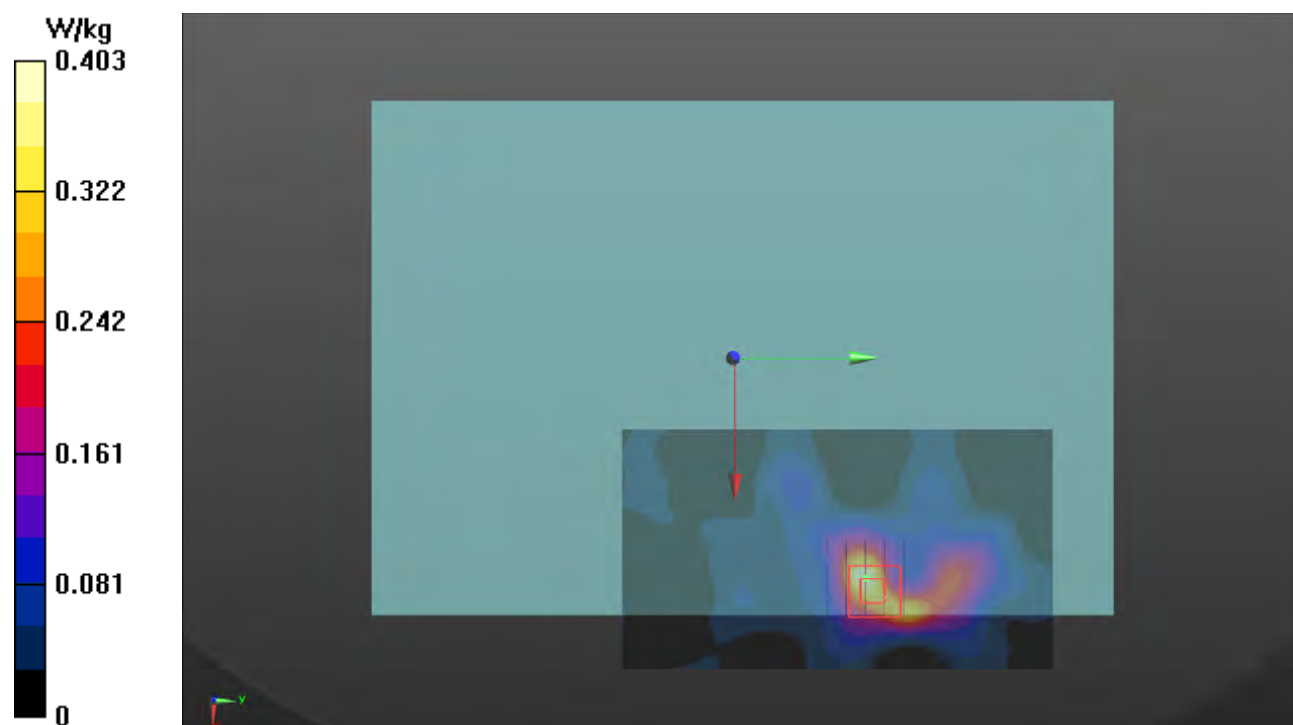
Peak SAR (extrapolated) = 0.596 W/kg

SAR(1 g) = 0.291 W/kg; SAR(10 g) = 0.151 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 9.3 mm

Ratio of SAR at M2 to SAR at M1 = 49.4%

Maximum value of SAR (measured) = 0.465 W/kg



P26 LTE**2_QPSK20M_Bottom_0mm_Ch19100_1RB_OS0_Sample1_P-Sensor_w****DUT: P21080879**

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

Medium: H16T20N1_0925 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.362$ S/m; $\epsilon_r = 41.328$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.88 °C ; Liquid Temperature : 23.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(8.17, 8.17, 8.17) @ 1900 MHz; Calibrated: 2021/03/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2021/01/19
- Phantom: ELI Phantom_1205; Type: QDOVA002AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x121x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.411 W/kg

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

Reference Value = 17.49 V/m; Power Drift = -0.07 dB

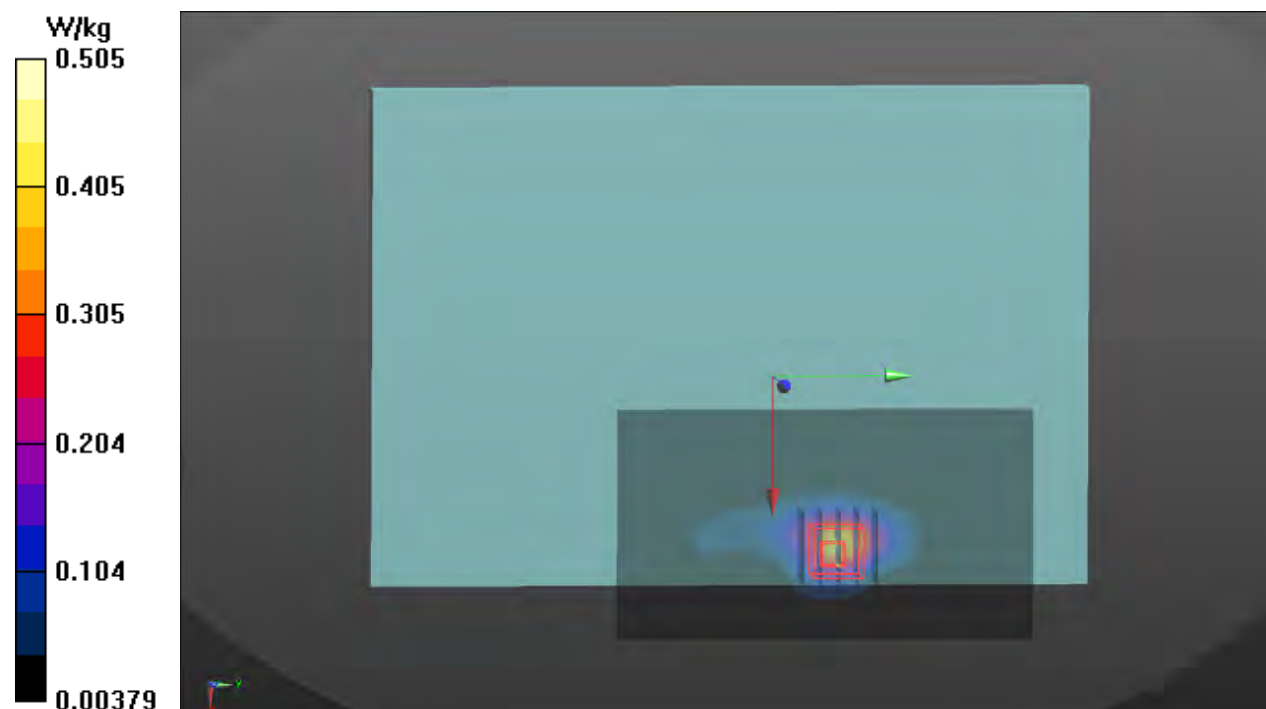
Peak SAR (extrapolated) = 0.652 W/kg

SAR(1 g) = 0.333 W/kg; SAR(10 g) = 0.164 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 9.6 mm

Ratio of SAR at M2 to SAR at M1 = 48.2%

Maximum value of SAR (measured) = 0.505 W/kg



P27 LTE**4_QPSK20M_Bottom_0mm_Ch20050_1RB_OS0_Sample1_P-Sensor_w****DUT: P21080879**

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

Medium: H16T20N1_0925 Medium parameters used: $f = 1720$ MHz; $\sigma = 1.301$ S/m; $\epsilon_r = 41.627$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.88 °C ; Liquid Temperature : 23.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(8.54, 8.54, 8.54) @ 1720 MHz; Calibrated: 2021/03/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2021/01/19
- Phantom: ELI Phantom_1205; Type: QDOVA002AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.219 W/kg

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

Reference Value = 12.98 V/m; Power Drift = -0.06 dB

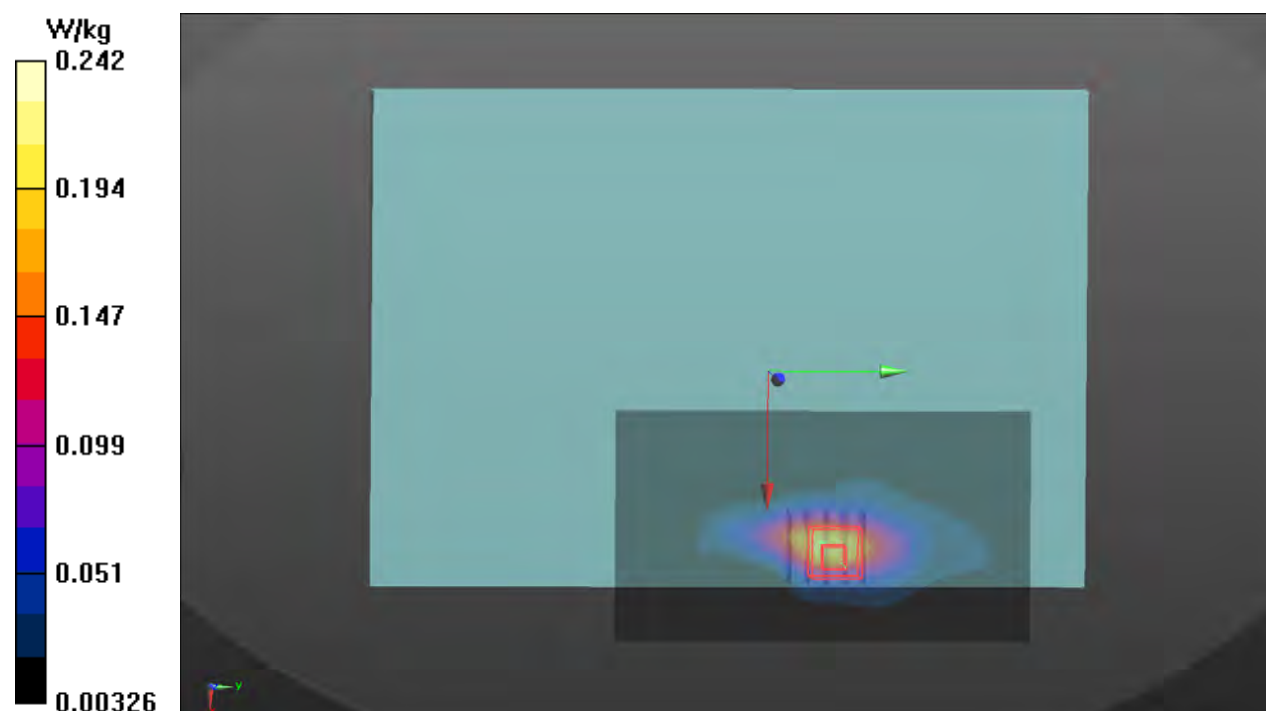
Peak SAR (extrapolated) = 0.309 W/kg

SAR(1 g) = 0.163 W/kg; SAR(10 g) = 0.086 W/kg (SAR corrected for target medium)

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

Ratio of SAR at M2 to SAR at M1 = 48.5%

Maximum value of SAR (measured) = 0.242 W/kg



P28 LTE**5_QPSK10M_Bottom_0mm_Ch20450_1RB_OS0_Sample1_P-Sensor_w****DUT: P21080879**

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

Medium: H07T10N1_0925 Medium parameters used: $f = 829$ MHz; $\sigma = 0.901$ S/m; $\epsilon_r = 41.374$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.88 °C ; Liquid Temperature : 23.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(9.83, 9.83, 9.83) @ 829 MHz; Calibrated: 2021/03/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2021/01/19
- Phantom: ELI Phantom_1205; Type: QDOVA002AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.291 W/kg

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

Reference Value = 16.79 V/m; Power Drift = -0.01 dB

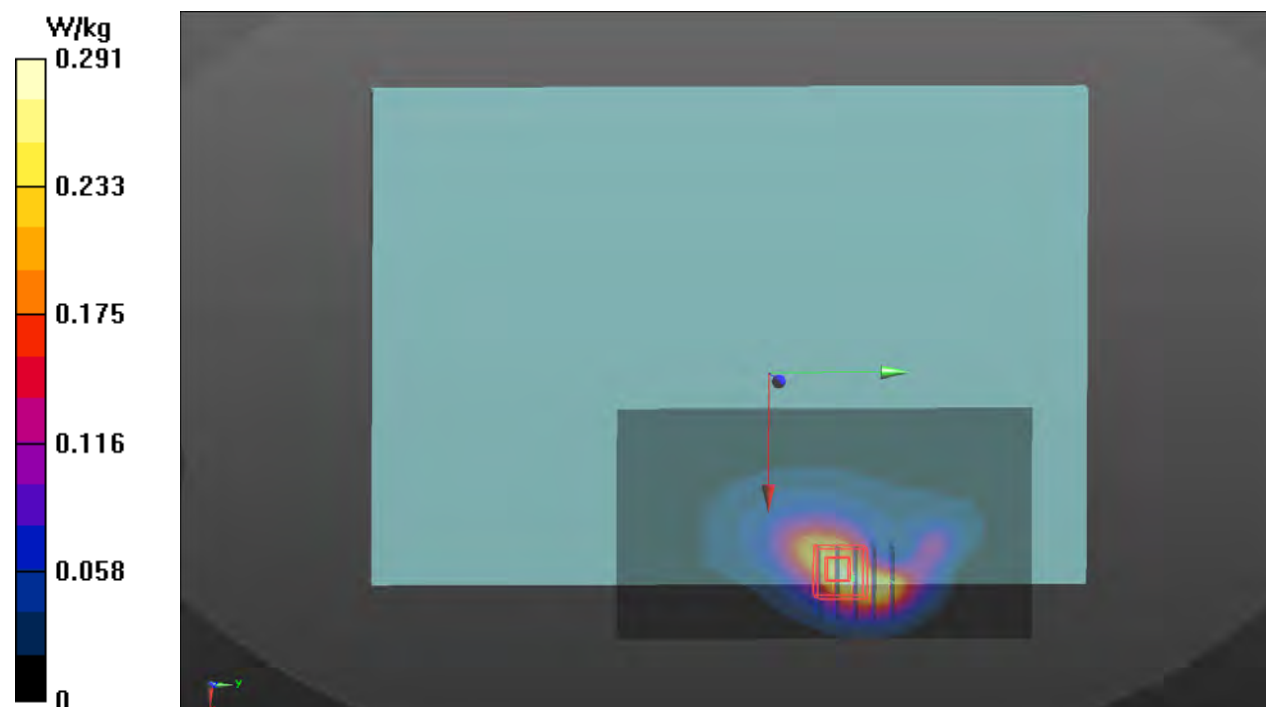
Peak SAR (extrapolated) = 0.484 W/kg

SAR(1 g) = 0.252 W/kg; SAR(10 g) = 0.135 W/kg (SAR corrected for target medium)

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

Ratio of SAR at M2 to SAR at M1 = 46.7%

Maximum value of SAR (measured) = 0.394 W/kg



P29 LTE**7_QPSK20M_Bottom_0mm_Ch21350_1RB_OS0_Sample1_P-Sensor_w****DUT: P21080879**

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

Medium: H19T27N1_0925 Medium parameters used: $f = 2560$ MHz; $\sigma = 1.984$ S/m; $\epsilon_r = 37.534$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.88 °C ; Liquid Temperature : 23.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(7.57, 7.57, 7.57) @ 2560 MHz; Calibrated: 2021/03/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2021/01/19
- Phantom: ELI Phantom_1205; Type: QDOVA002AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (91x151x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 0.379 W/kg

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

Reference Value = 13.44 V/m; Power Drift = -0.14 dB

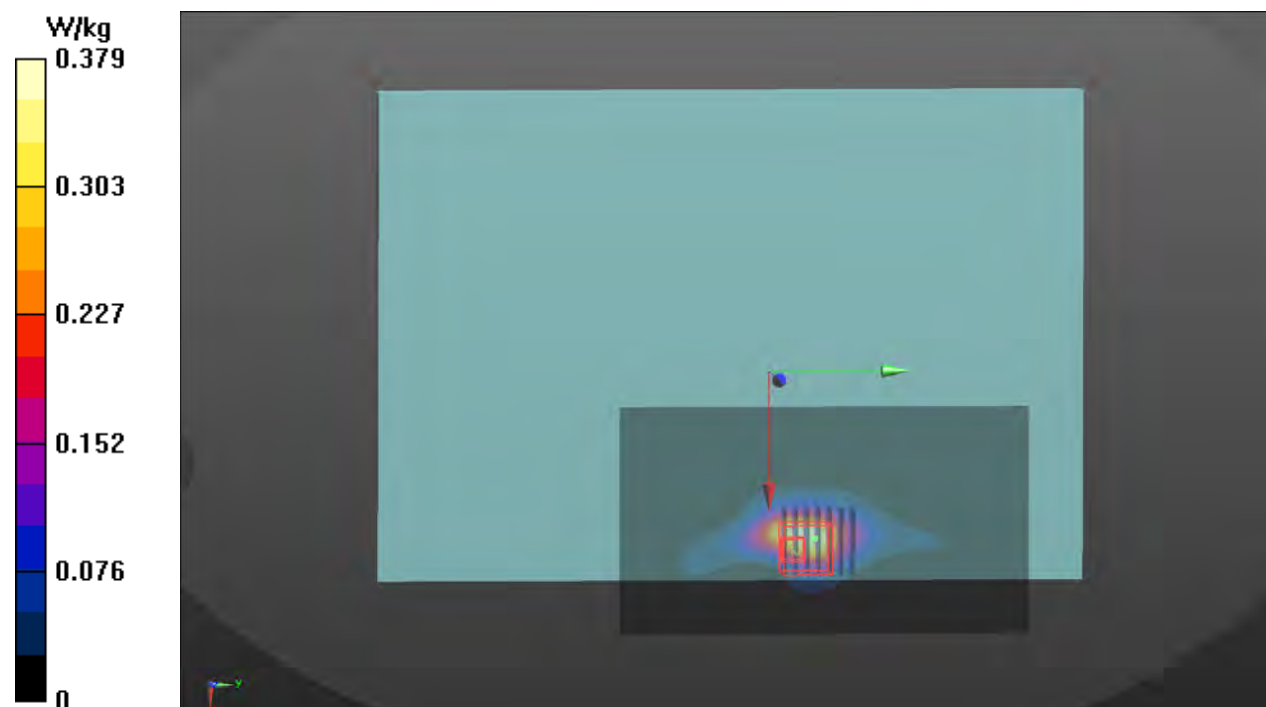
Peak SAR (extrapolated) = 0.551 W/kg

SAR(1 g) = 0.245 W/kg; SAR(10 g) = 0.108 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 7.6 mm

Ratio of SAR at M2 to SAR at M1 = 46.8%

Maximum value of SAR (measured) = 0.445 W/kg



P30 LTE**12_QPSK10M_Bottom_0mm_Ch23130_1RB_OS0_Sample1_P-Sensor_w****DUT: P21080879**

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

Medium: H06T09N1_0925 Medium parameters used: $f = 711$ MHz; $\sigma = 0.858$ S/m; $\epsilon_r = 43.394$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.88 °C ; Liquid Temperature : 23.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(9.92, 9.92, 9.92) @ 711 MHz; Calibrated: 2021/03/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2021/01/19
- Phantom: ELI Phantom_1205; Type: QDOVA002AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.166 W/kg

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

Reference Value = 13.21 V/m; Power Drift = 0.02 dB

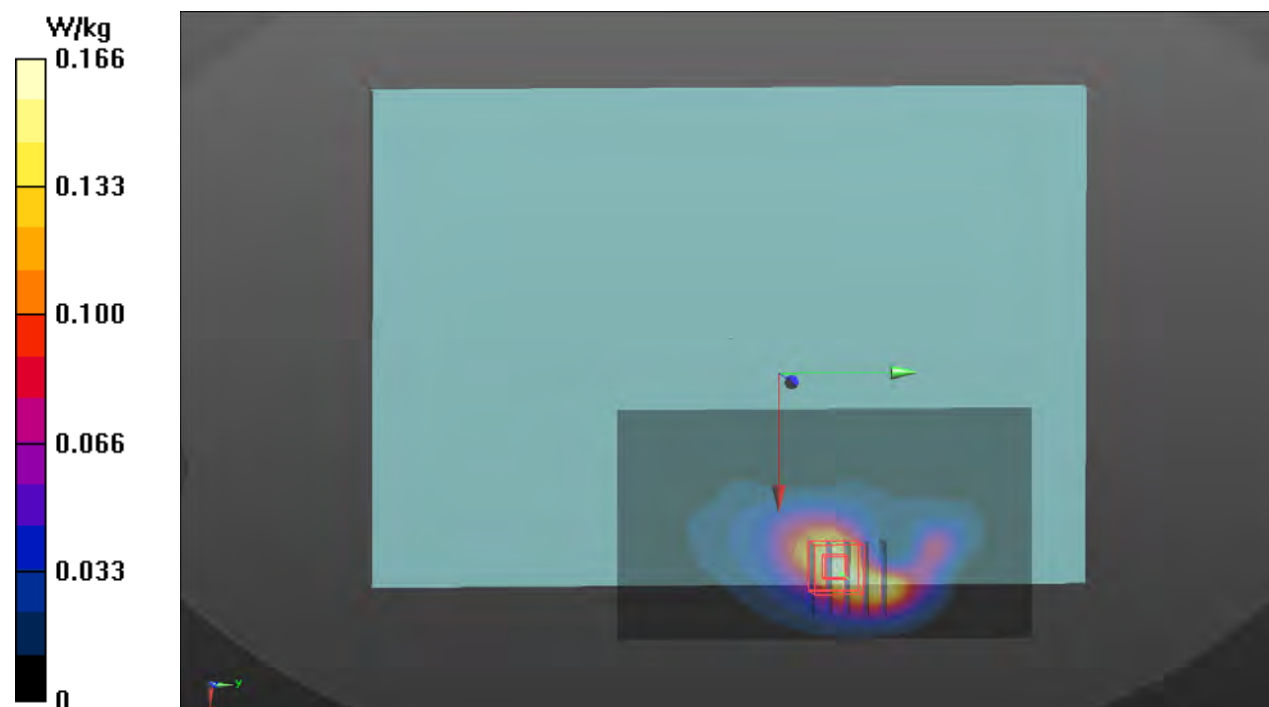
Peak SAR (extrapolated) = 0.301 W/kg

SAR(1 g) = 0.156 W/kg; SAR(10 g) = 0.081 W/kg (SAR corrected for target medium)

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

Ratio of SAR at M2 to SAR at M1 = 51.9%

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



P31 LTE**13_QPSK10M_Bottom_0mm_Ch23230_1RB_OS0_Sample1_P-Sensor_w****DUT: P21080879**

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

Medium: H06T09N1_0925 Medium parameters used: $f = 782$ MHz; $\sigma = 0.924$ S/m; $\epsilon_r = 42.459$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.88 °C ; Liquid Temperature : 23.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(9.92, 9.92, 9.92) @ 782 MHz; Calibrated: 2021/03/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2021/01/19
- Phantom: ELI Phantom_1205; Type: QDOVA002AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x121x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.189 W/kg

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

Reference Value = 14.30 V/m; Power Drift = 0.02 dB

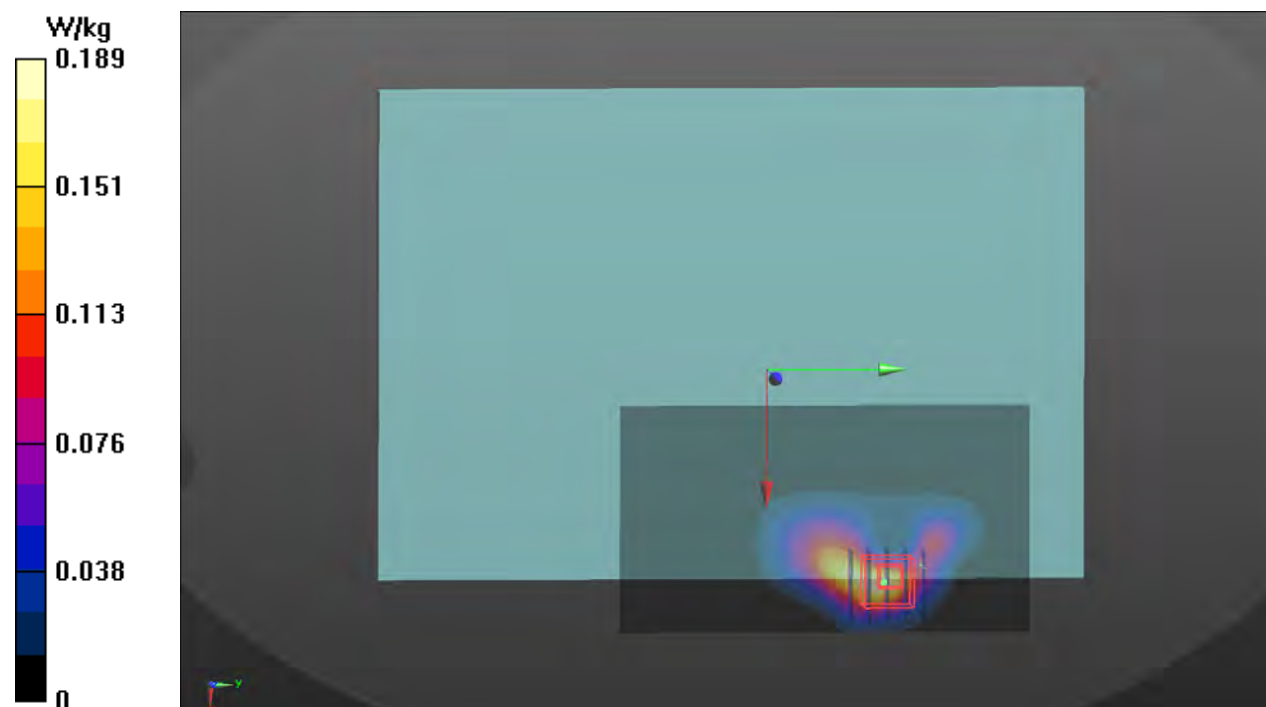
Peak SAR (extrapolated) = 0.351 W/kg

SAR(1 g) = 0.155 W/kg; SAR(10 g) = 0.075 W/kg (SAR corrected for target medium)

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

Ratio of SAR at M2 to SAR at M1 = 47.4%

Maximum value of SAR (measured) = 0.227 W/kg



P32 LTE**14_QPSK10M_Bottom_0mm_Ch23330_1RB_OS0_Sample1_P-Sensor_w****DUT: P21080879**

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

Medium: H06T09N1_0925 Medium parameters used: $f = 793$ MHz; $\sigma = 0.934$ S/m; $\epsilon_r = 42.324$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.88 °C ; Liquid Temperature : 23.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(9.92, 9.92, 9.92) @ 793 MHz; Calibrated: 2021/03/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2021/01/19
- Phantom: ELI Phantom_1205; Type: QDOVA002AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.407 W/kg

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

Reference Value = 19.72 V/m; Power Drift = -0.06 dB

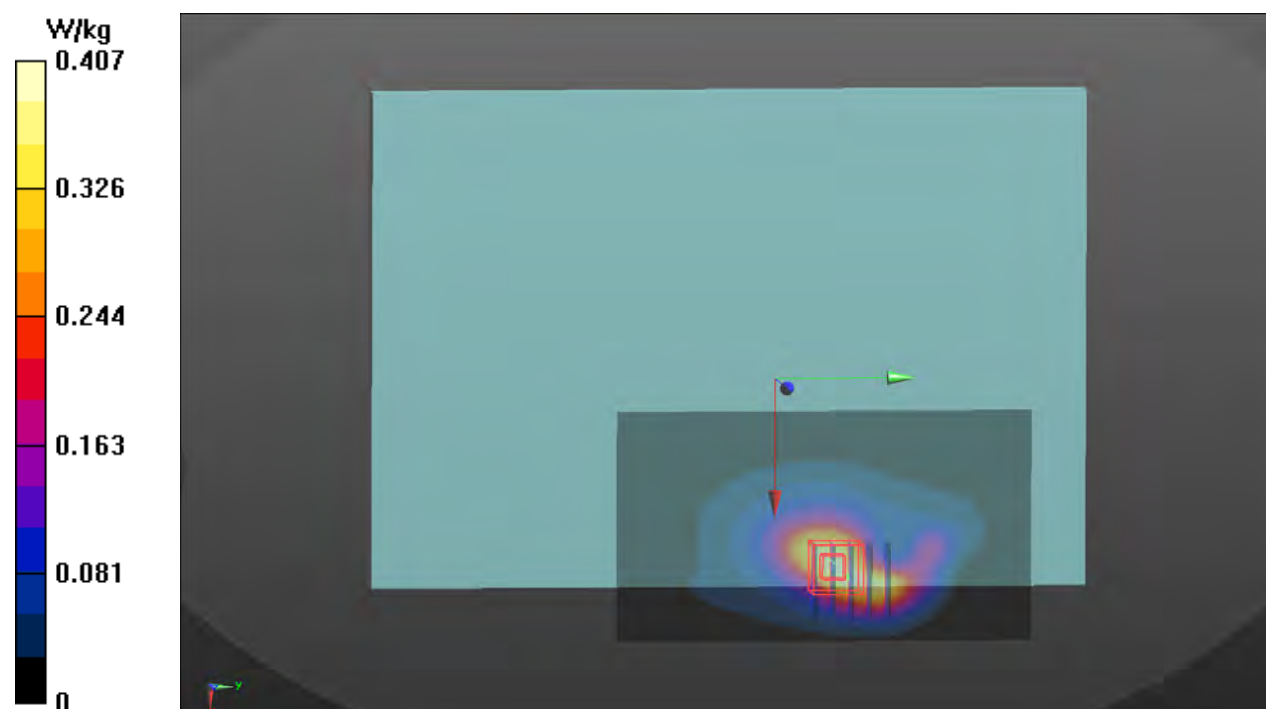
Peak SAR (extrapolated) = 0.704 W/kg

SAR(1 g) = 0.364 W/kg; SAR(10 g) = 0.197 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 9.3 mm

Ratio of SAR at M2 to SAR at M1 = 55.1%

Maximum value of SAR (measured) = 0.553 W/kg



P33 LTE**17_QPSK10M_Bottom_0mm_Ch23800_1RB_OS0_Sample1_P-Sensor_w****DUT: P21080879**

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

Medium: H06T09N1_0925 Medium parameters used: $f = 711$ MHz; $\sigma = 0.858$ S/m; $\epsilon_r = 43.394$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.88 °C ; Liquid Temperature : 23.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(9.92, 9.92, 9.92) @ 711 MHz; Calibrated: 2021/03/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2021/01/19
- Phantom: ELI Phantom_1205; Type: QDOVA002AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.216 W/kg

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

Reference Value = 15.12 V/m; Power Drift = 0.02 dB

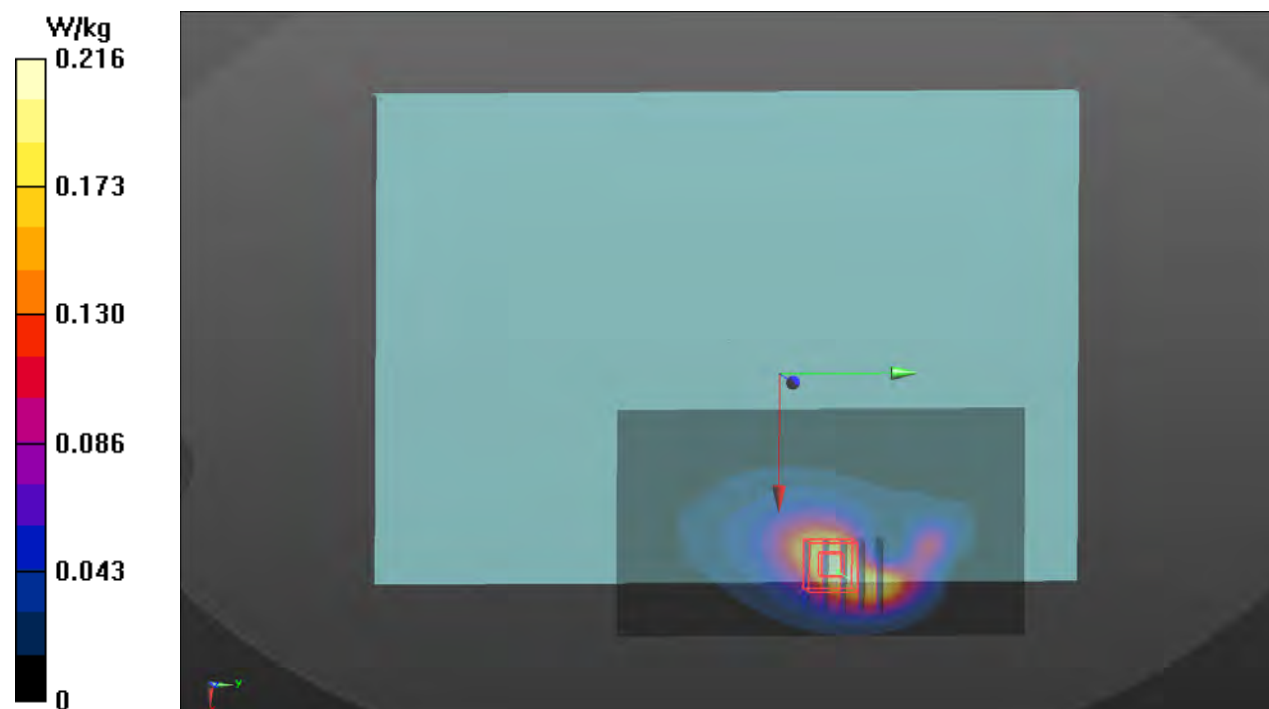
Peak SAR (extrapolated) = 0.388 W/kg

SAR(1 g) = 0.203 W/kg; SAR(10 g) = 0.106 W/kg (SAR corrected for target medium)

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

Ratio of SAR at M2 to SAR at M1 = 52%

Maximum value of SAR (measured) = 0.300 W/kg



P34 LTE**25_QPSK20M_Bottom_0mm_Ch26590_1RB_OS0_Sample1_P-Sensor_w****DUT: P21080879**

Communication System: UID 10169 - CAE, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK);
Frequency: 1905 MHz; Duty Cycle: 1:3.74

Medium: H16T20N1_0925 Medium parameters used: $f = 1905$ MHz; $\sigma = 1.364$ S/m; $\epsilon_r = 41.326$;
 $\rho = 1000$ kg/m³

Ambient Temperature : 23.88 °C ; Liquid Temperature : 23.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(8.17, 8.17, 8.17) @ 1905 MHz; Calibrated: 2021/03/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2021/01/19
- Phantom: ELI Phantom_1205; Type: QDOVA002AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.344 W/kg

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

Reference Value = 15.98 V/m; Power Drift = -0.07 dB

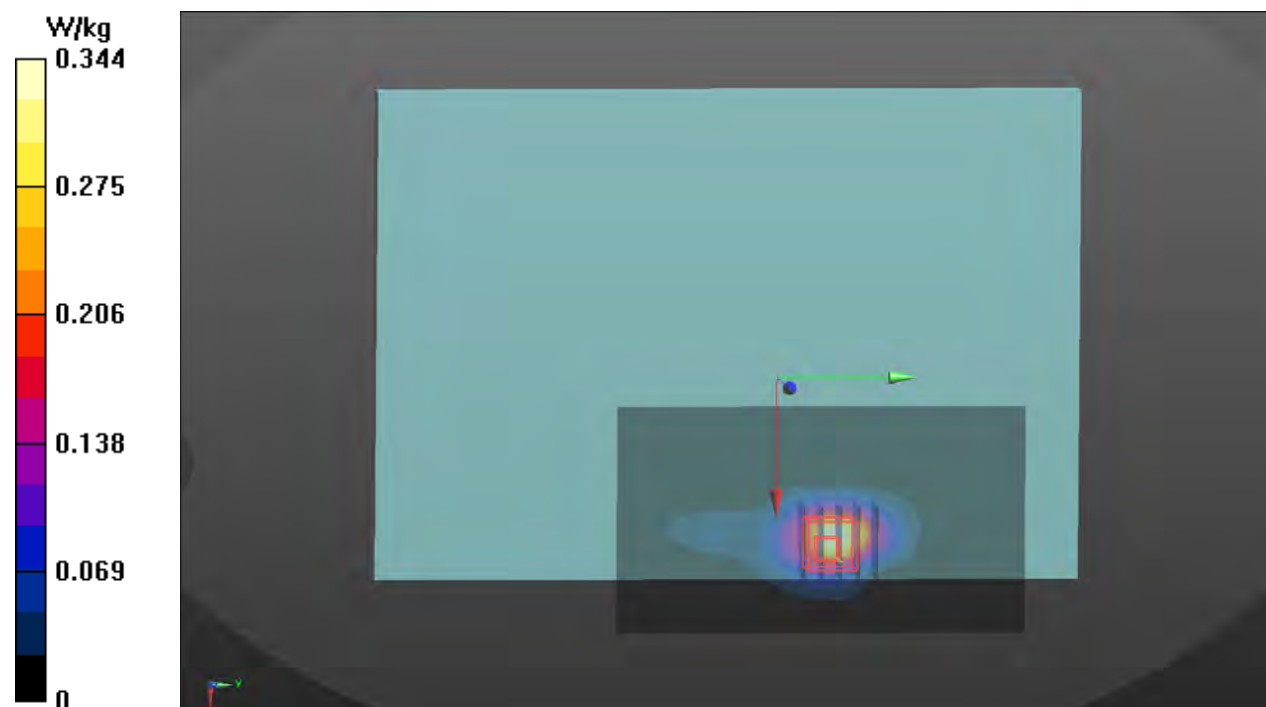
Peak SAR (extrapolated) = 0.551 W/kg

SAR(1 g) = 0.283 W/kg; SAR(10 g) = 0.139 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 9.3 mm

Ratio of SAR at M2 to SAR at M1 = 49.6%

Maximum value of SAR (measured) = 0.405 W/kg



P35 LTE**26_QPSK15M_Bottom_0mm_Ch26765_1RB_OS0_Sample1_P-Sensor_w****DUT: P21080879**

Communication System: UID 10181 - CAE, LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK);
Frequency: 821.5 MHz; Duty Cycle: 1:3.74

Medium: H07T10N1_0925 Medium parameters used (interpolated): $f = 821.5$ MHz; $\sigma = 0.898$ S/m;
 $\epsilon_r = 41.421$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.88 °C ; Liquid Temperature : 23.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(9.83, 9.83, 9.83) @ 821.5 MHz; Calibrated: 2021/03/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2021/01/19
- Phantom: ELI Phantom_1205; Type: QDOVA002AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

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

Reference Value = 17.07 V/m; Power Drift = 0.07 dB

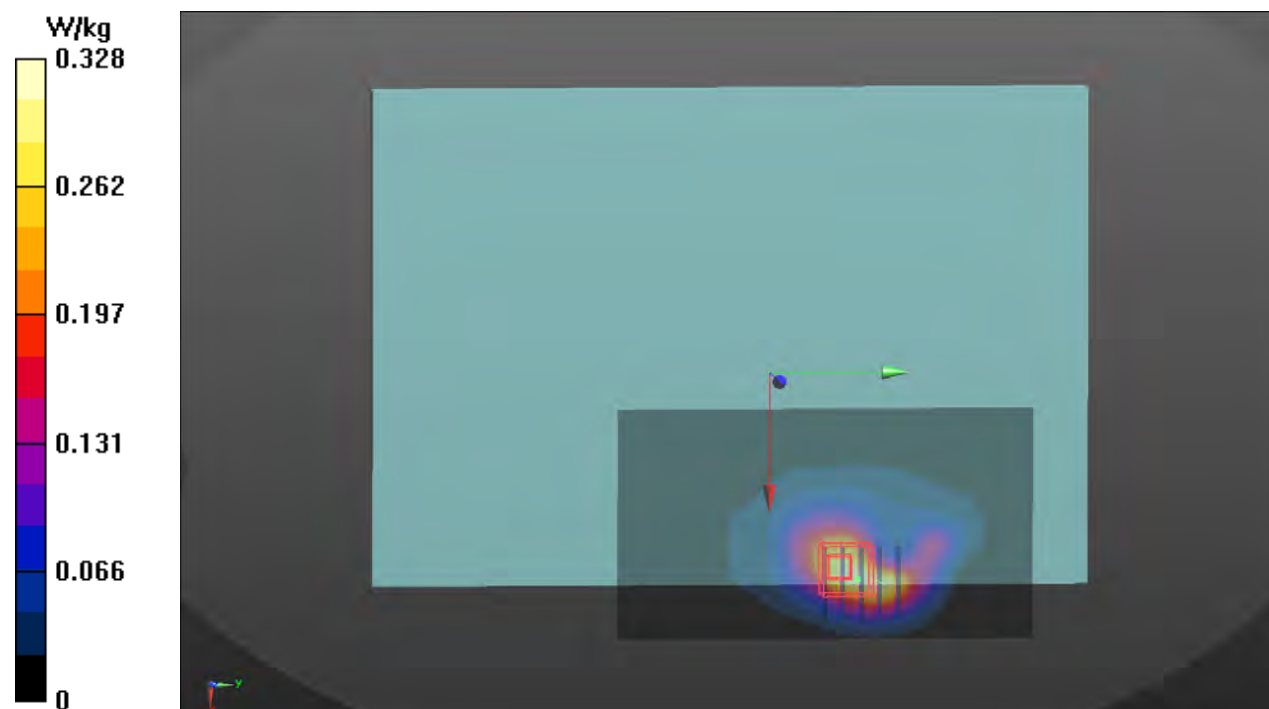
Peak SAR (extrapolated) = 0.512 W/kg

SAR(1 g) = 0.270 W/kg; SAR(10 g) = 0.145 W/kg (SAR corrected for target medium)

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

Ratio of SAR at M2 to SAR at M1 = 50.1%

Maximum value of SAR (measured) = 0.417 W/kg



P36 LTE**30_QPSK10M_Bottom_0mm_Ch27710_1RB_OS0_Sample1_P-Sensor_w****DUT: P21080879**

Communication System: UID 10175 - CAG, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK);
Frequency: 2310 MHz; Duty Cycle: 1:3.74

Medium: H19T27N1_0925 Medium parameters used: $f = 2310$ MHz; $\sigma = 1.727$ S/m; $\epsilon_r = 38.385$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.88 °C ; Liquid Temperature : 23.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(7.96, 7.96, 7.96) @ 2310 MHz; Calibrated: 2021/03/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2021/01/19
- Phantom: ELI Phantom_1205; Type: QDOVA002AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (91x151x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 0.610 W/kg

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

Reference Value = 19.20 V/m; Power Drift = -0.09 dB

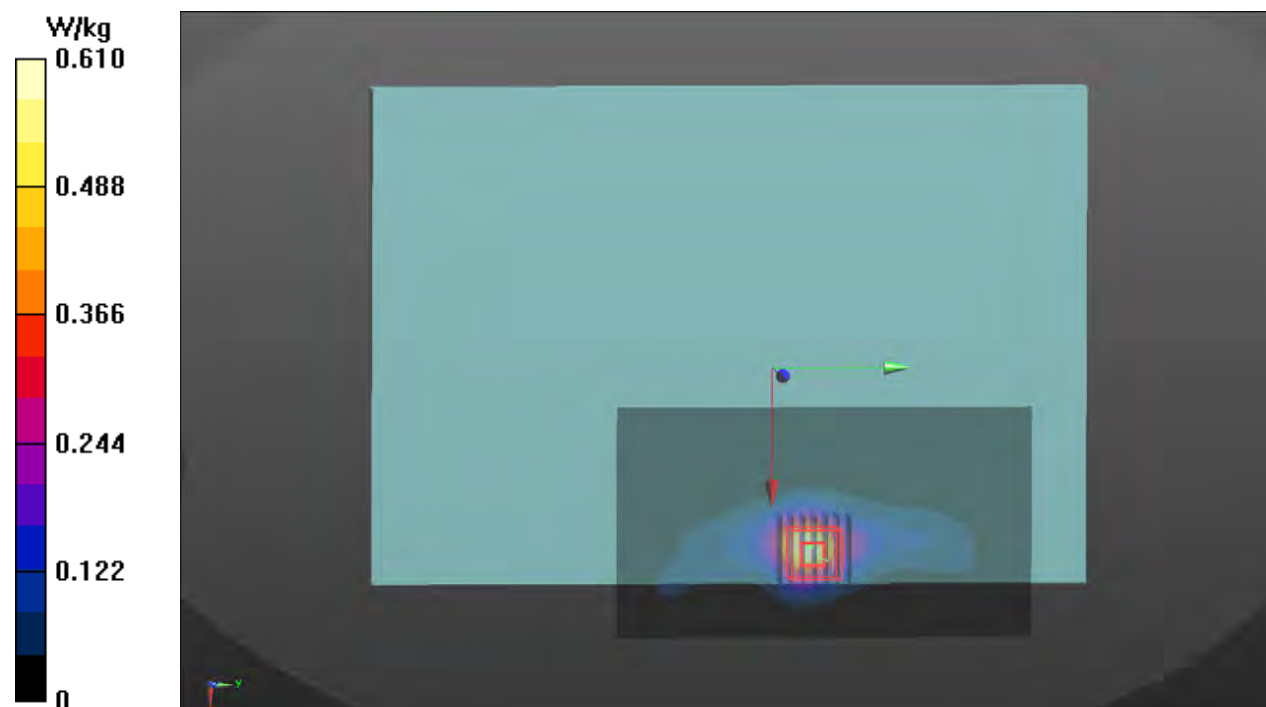
Peak SAR (extrapolated) = 0.940 W/kg

SAR(1 g) = 0.390 W/kg; SAR(10 g) = 0.217 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 9.9 mm

Ratio of SAR at M2 to SAR at M1 = 47.1%

Maximum value of SAR (measured) = 0.731 W/kg



P37 LTE**38_QPSK20M_Bottom_0mm_Ch37850_1RB_OS0_Sample1_P-Sensor_w****DUT: P21080879**

Communication System: UID 10172 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK);
Frequency: 2580 MHz; Duty Cycle: 1:8.33

Medium: H19T27N1_0925 Medium parameters used: $f = 2580$ MHz; $\sigma = 2.007$ S/m; $\epsilon_r = 37.47$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.88 °C ; Liquid Temperature : 23.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(7.57, 7.57, 7.57) @ 2580 MHz; Calibrated: 2021/03/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2021/01/19
- Phantom: ELI Phantom_1205; Type: QDOVA002AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (91x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.361 W/kg

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

Reference Value = 13.14 V/m; Power Drift = -0.16 dB

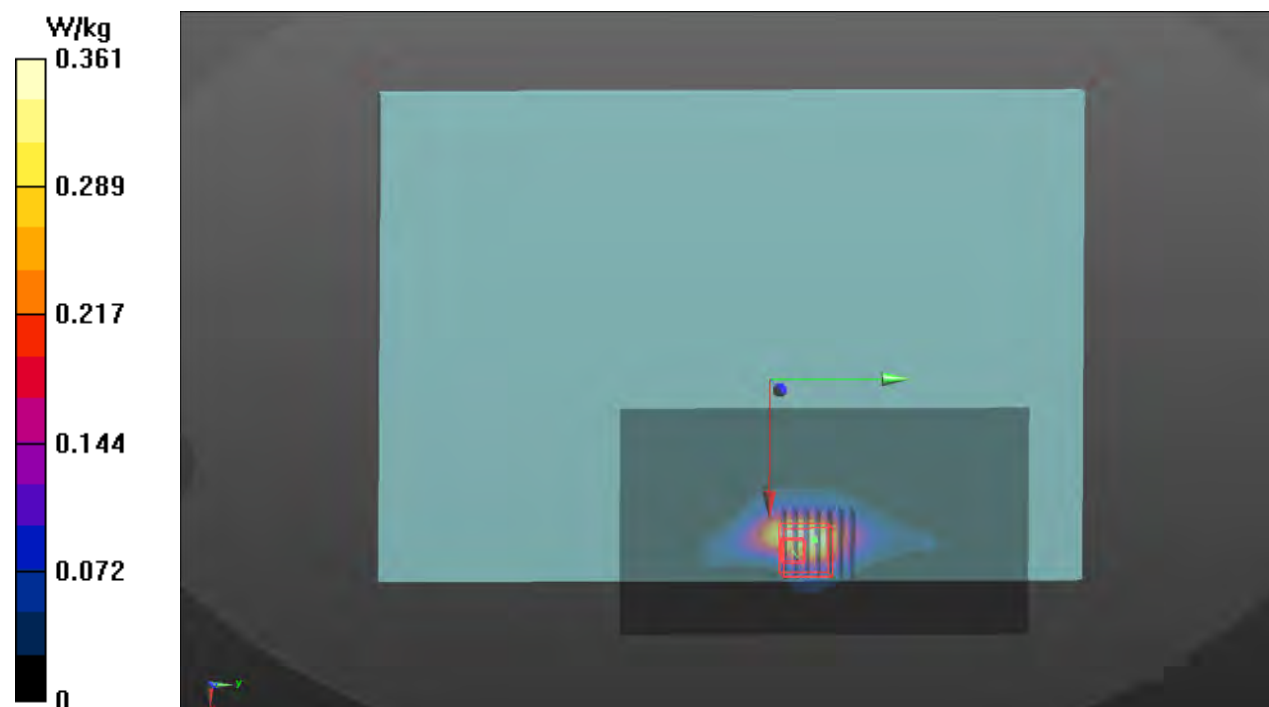
Peak SAR (extrapolated) = 0.559 W/kg

SAR(1 g) = 0.176 W/kg; SAR(10 g) = 0.075 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 7.2 mm

Ratio of SAR at M2 to SAR at M1 = 47%

Maximum value of SAR (measured) = 0.450 W/kg



P38 LTE**41_QPSK20M_Bottom_0mm_Ch40185_1RB_OS0_Sample1_P-Sensor_w****DUT: P21080879**

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

Frequency: 2549.5 MHz; Duty Cycle: 1:8.33

Medium: H19T27N1_0927 Medium parameters used: $f = 2550$ MHz; $\sigma = 1.986$ S/m; $\epsilon_r = 38.032$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C ; Liquid Temperature : 23.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(7.72, 7.72, 7.72) @ 2549.5 MHz; Calibrated: 2021/01/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2021/03/24
- Phantom: ELI Phantom_1043; Type: QD OVA 002 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (91x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.576 W/kg

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

Reference Value = 16.68 V/m; Power Drift = -0.19 dB

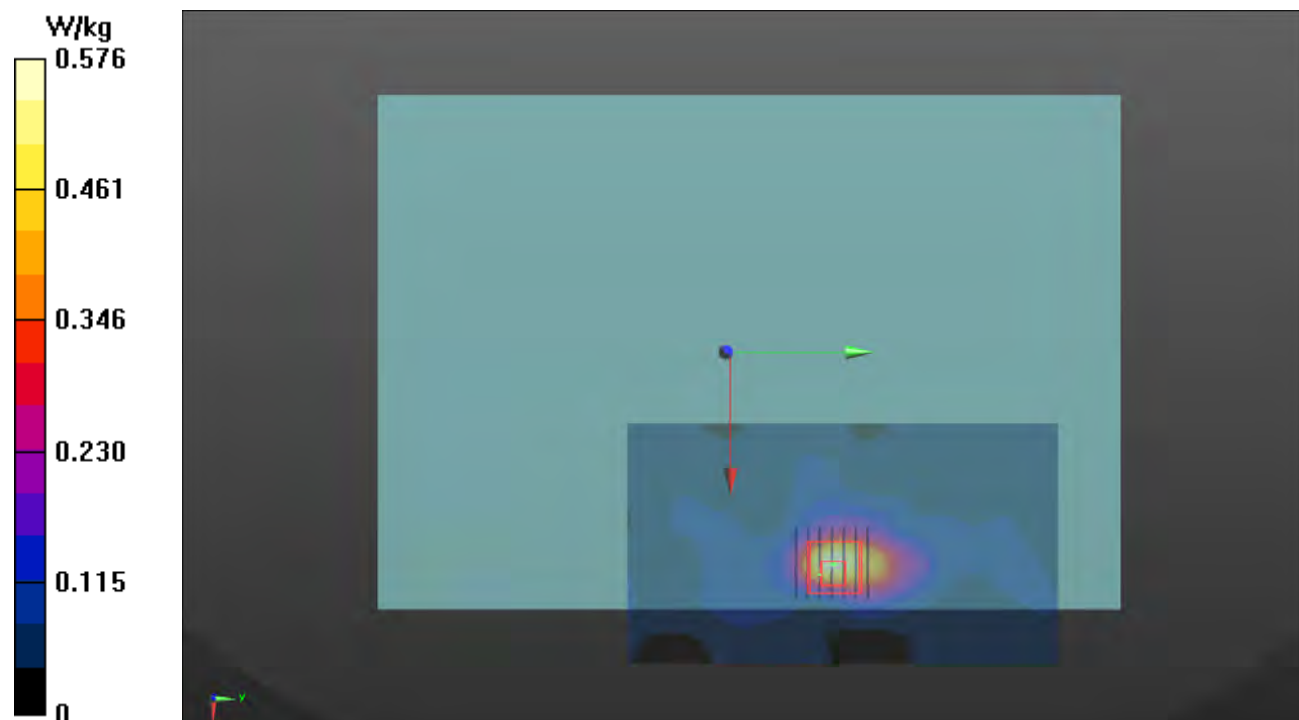
Peak SAR (extrapolated) = 0.792 W/kg

SAR(1 g) = 0.171 W/kg; SAR(10 g) = 0.105 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 7.8 mm

Ratio of SAR at M2 to SAR at M1 = 34.1%

Maximum value of SAR (measured) = 0.729 W/kg



P39 LTE**66_QPSK20M_Bottom_0mm_Ch132572_1RB_OS0_Sample1_P-Sensor_w****DUT: P21080879**

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

Medium: H16T20N1_0925 Medium parameters used: $f = 1770$ MHz; $\sigma = 1.326$ S/m; $\epsilon_r = 41.539$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.88 °C ; Liquid Temperature : 23.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3650; ConvF(8.54, 8.54, 8.54) @ 1770 MHz; Calibrated: 2021/03/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2021/01/19
- Phantom: ELI Phantom_1205; Type: QDOVA002AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.173 W/kg

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

Reference Value = 11.42 V/m; Power Drift = -0.01 dB

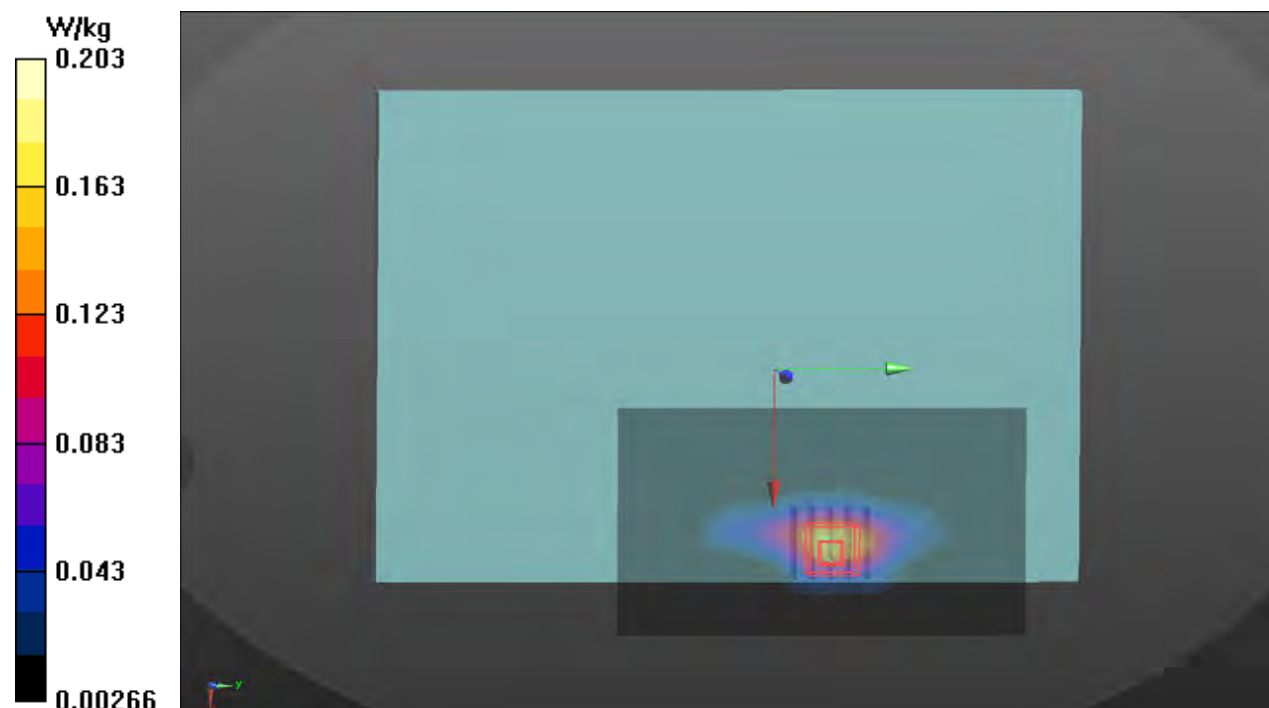
Peak SAR (extrapolated) = 0.255 W/kg

SAR(1 g) = 0.132 W/kg; SAR(10 g) = 0.067 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 10.7 mm

Ratio of SAR at M2 to SAR at M1 = 47.6%

Maximum value of SAR (measured) = 0.203 W/kg



P40 WLAN2.4G_802.11b_Bottom_0mm_Ch6_Sample1_Ant 1_w**DUT: P21080879**

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

Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: H19T27N1_0922 Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.855$ S/m; $\epsilon_r = 37.938$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(7.87, 7.87, 7.87) @ 2437 MHz; Calibrated: 2021/01/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2021/03/24
- Phantom: ELI Phantom_1043; Type: QD OVA 002 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x171x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.419 W/kg

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

Reference Value = 13.15 V/m; Power Drift = 0.11 dB

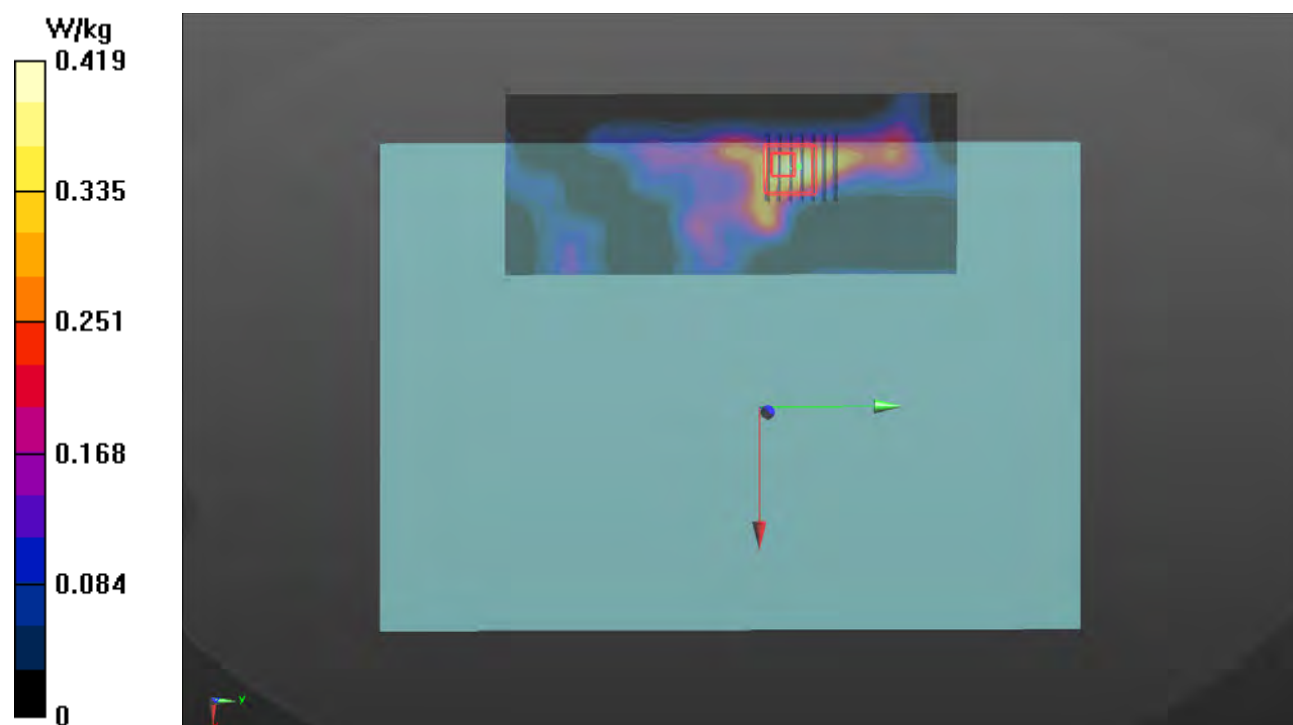
Peak SAR (extrapolated) = 2.02 W/kg

SAR(1 g) = 0.705 W/kg; SAR(10 g) = 0.264 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 7.1 mm

Ratio of SAR at M2 to SAR at M1 = 39.4%.

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



P41 WLAN5.3G_802.11ac VHT160_Bottom_0mm_Ch50_Sample1_Ant 0_w**DUT: P21080879**

Communication System: UID 10554 - AAD, IEEE 802.11ac WiFi (160MHz, MCS0); Frequency: 5250 MHz; Duty Cycle: 1:1.01

Medium: H34T60N1_0929 Medium parameters used (interpolated): $f = 5250$ MHz; $\sigma = 4.753$ S/m;

$\epsilon_r = 35.645$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7537; ConvF(5.5, 5.5, 5.5) @ 5250 MHz; Calibrated: 2021/04/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2021/04/15
- Phantom: Twin-ELI Phantom_2118; Type: QD OVA 004 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x241x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.362 W/kg

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

Reference Value = 9.301 V/m; Power Drift = -0.11 dB

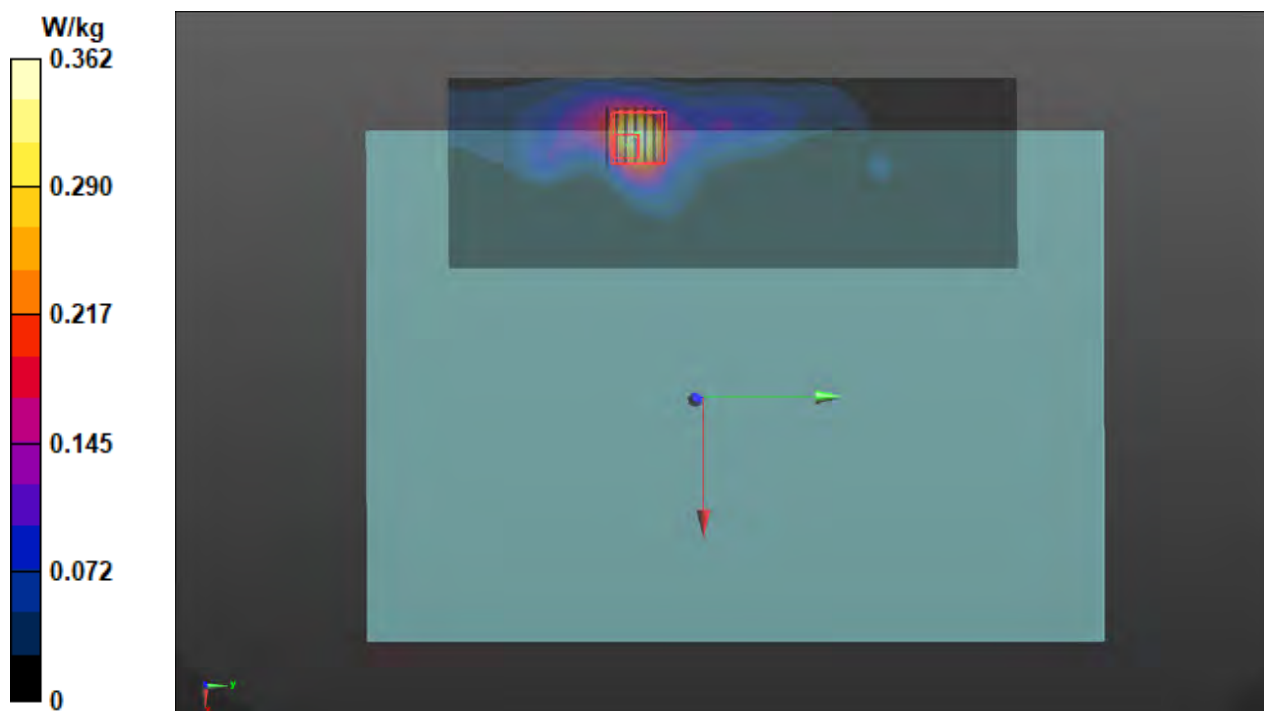
Peak SAR (extrapolated) = 1.83 W/kg

SAR(1 g) = 0.486 W/kg; SAR(10 g) = 0.150 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 5.4 mm

Ratio of SAR at M2 to SAR at M1 = 69.1%

Maximum value of SAR (measured) = 1.16 W/kg



P42 WLAN5.6G_802.11ac VHT160_Bottom_0mm_Ch114_Sample1_Ant 0_w**DUT: P21080879**

Communication System: UID 10554 - AAD, IEEE 802.11ac WiFi (160MHz, MCS0); Frequency: 5570 MHz; Duty Cycle: 1:1.01

Medium: H34T60N1_0929 Medium parameters used (interpolated): $f = 5570$ MHz; $\sigma = 5.06$ S/m; $\epsilon_r = 35.164$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7537; ConvF(4.8, 4.8, 4.8) @ 5570 MHz; Calibrated: 2021/04/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2021/04/15
- Phantom: Twin-ELI Phantom_2118; Type: QD OVA 004 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x241x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.447 W/kg

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

Reference Value = 9.309 V/m; Power Drift = -0.12 dB

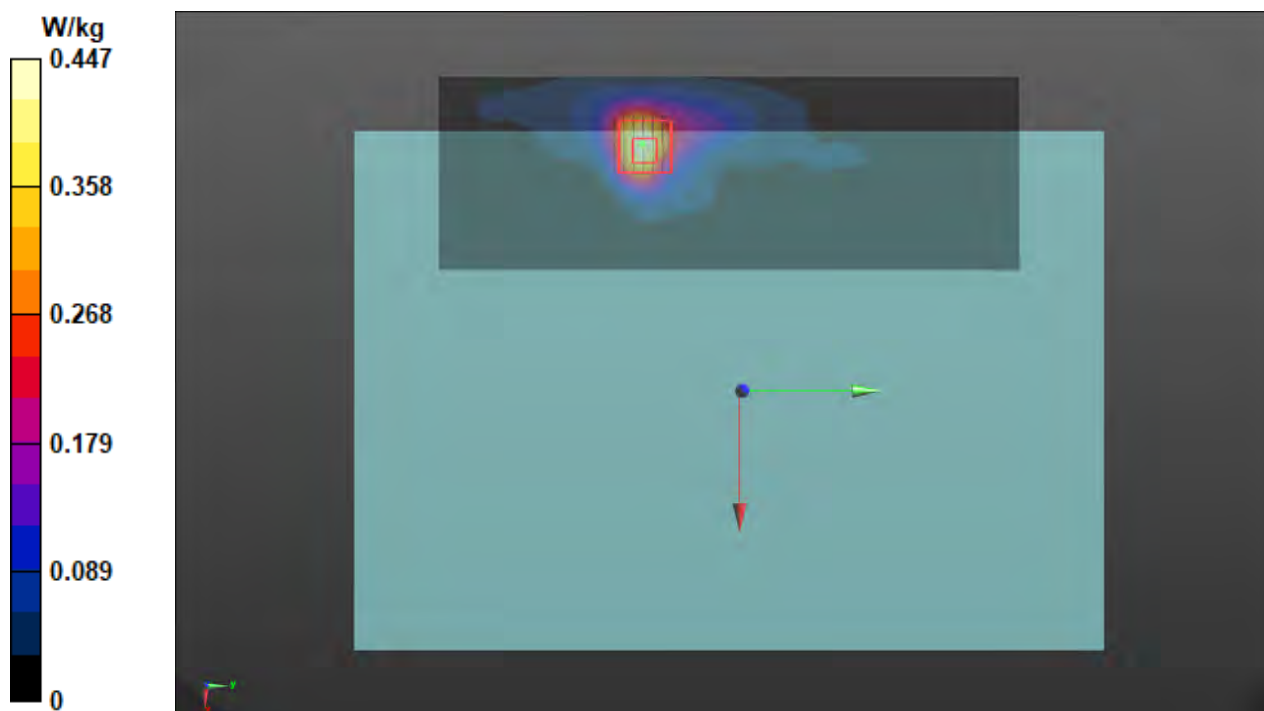
Peak SAR (extrapolated) = 3.26 W/kg

SAR(1 g) = 0.833 W/kg; SAR(10 g) = 0.243 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 4.8 mm

Ratio of SAR at M2 to SAR at M1 = 68%

Maximum value of SAR (measured) = 2.00 W/kg



P43 WLAN5.8G_802.11ac VHT80_Bottom_0mm_Ch155_Sample1_Ant 0+1_w**DUT: P21080879**

Communication System: UID 10544 - AAC, IEEE 802.11ac WiFi (80MHz, MCS0); Frequency: 5775 MHz; Duty Cycle: 1:1.01

Medium: H34T60N1_0929 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.257$ S/m; $\epsilon_r = 34.878$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7537; ConvF(4.95, 4.95, 4.95) @ 5775 MHz; Calibrated: 2021/04/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2021/04/15
- Phantom: Twin-ELI Phantom_2118; Type: QD OVA 004 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x241x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.586 W/kg

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

Reference Value = 10.14 V/m; Power Drift = -0.06 dB

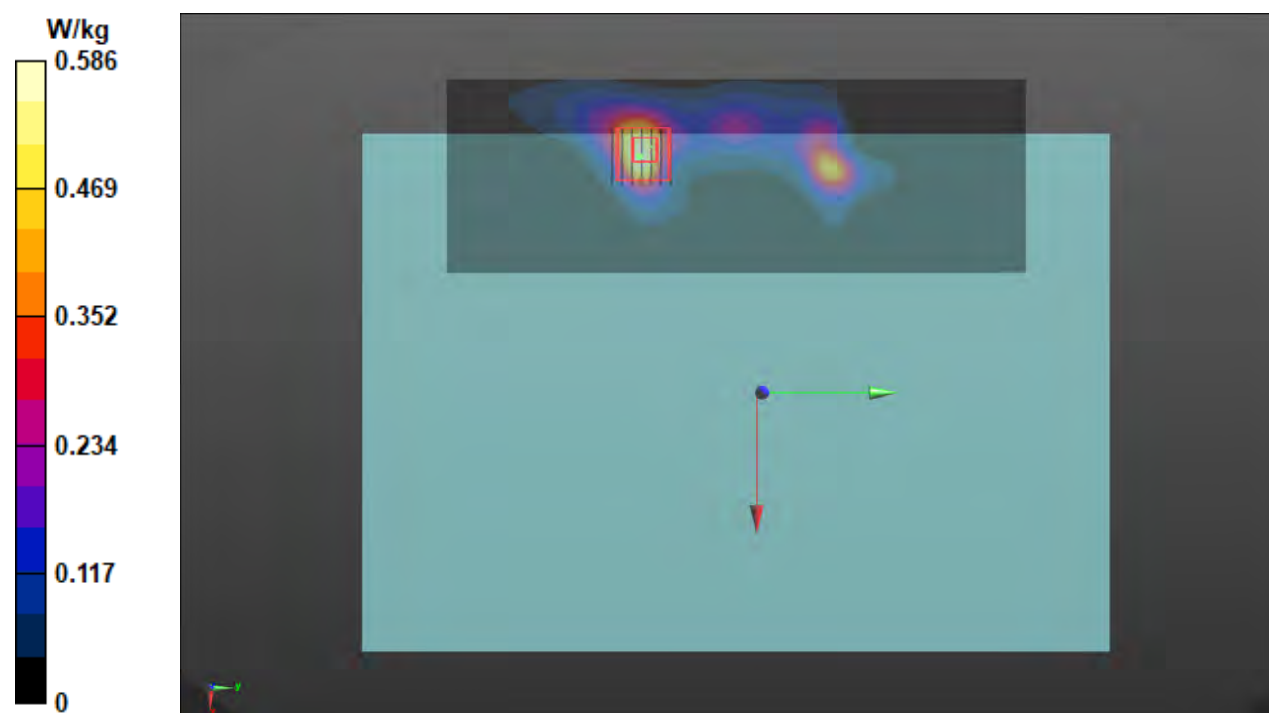
Peak SAR (extrapolated) = 3.02 W/kg

SAR(1 g) = 0.697 W/kg; SAR(10 g) = 0.236 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 5.4 mm

Ratio of SAR at M2 to SAR at M1 = 66.4%

Maximum value of SAR (measured) = 1.85 W/kg



P44 BT_BDR_Bottom_0mm_Ch0_Ant 1**DUT: P21080879**

Communication System: UID 10032 - CAA, IEEE 802.15.1 Bluetooth (GFSK, DH5); Frequency: 2402 MHz; Duty Cycle: 1:1.29

Medium: H19T27N1_0922 Medium parameters used (interpolated): $f = 2402$ MHz; $\sigma = 1.82$ S/m; $\epsilon_r = 38.083$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(7.87, 7.87, 7.87) @ 2402 MHz; Calibrated: 2021/01/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2021/03/24
- Phantom: ELI Phantom_1043; Type: QD OVA 002 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x171x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 0.209 W/kg

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

Reference Value = 9.049 V/m; Power Drift = -0.03 dB

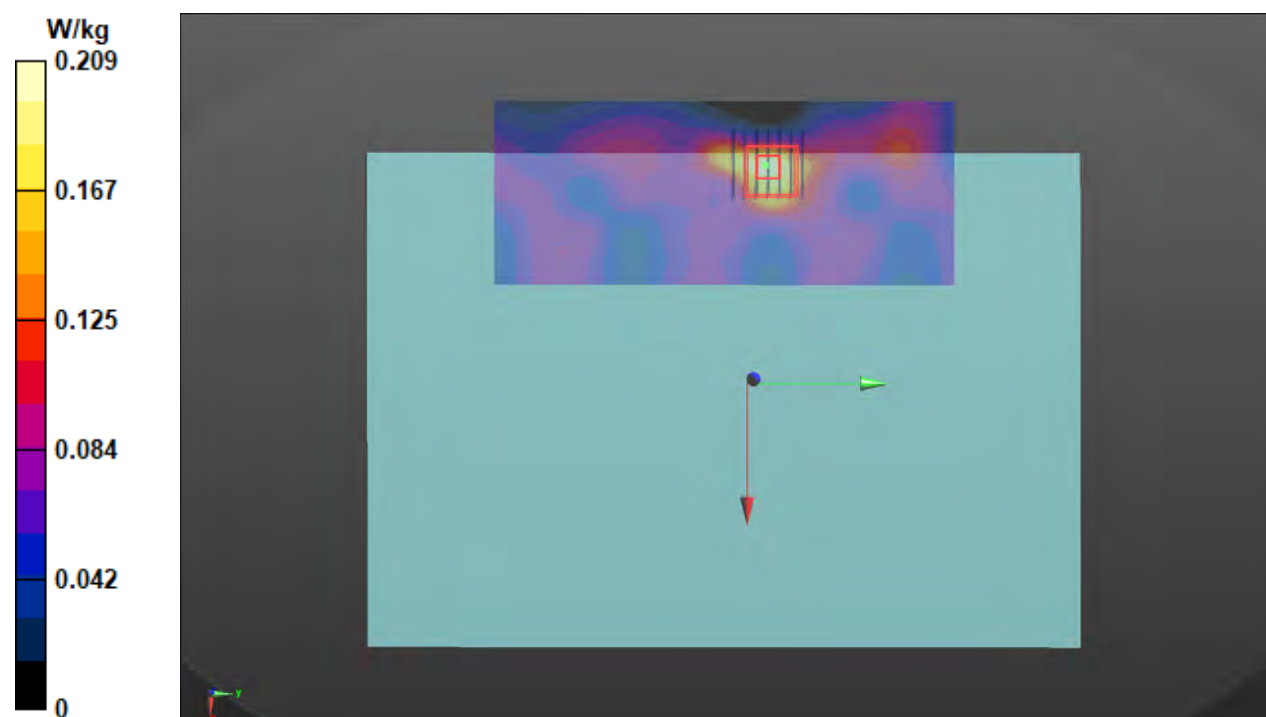
Peak SAR (extrapolated) = 0.591 W/kg

SAR(1 g) = 0.163 W/kg; SAR(10 g) = 0.080 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 6.1 mm

Ratio of SAR at M2 to SAR at M1 = 42.1%

Maximum value of SAR (measured) = 0.431 W/kg



Annex C. Tissue & System Verification

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

Note:

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

Tissue Verification									Validation for CW			Validation for Modulation				System Validation					Note			
Plot No.	Frequency (MHz)	Liquid Temp. (°C)	Conductivity (σ)	Permittivity (ε _r)	Targeted Conductivity (σ)	Targeted Permittivity (ε _r)	Deviation Conductivity (σ)	Deviation Permittivity (ε _r)	Sensitivity Range	Probe Linearity	Probe Isotropy	Modulation Type	Duty Factor	PAR	Date	Frequency (MHz)	Targeted 1g SAR (W/kg)	Measured 1g SAR (W/kg)	Normalized 1g SAR (W/kg)	Deviation (%)	Dipole S/N	Probe S/N	DAE S/N	Output Power (dB)
S01	1900	23.4	1.455	38.283	1.4	40	3.93	-4.29	Pass	Pass	Pass	N/A	N/A	N/A	Sep. 23, 2021	1900	40.40	2.08	41.50	2.73	5d036	3971	1431	17
S02	1750	23.4	1.327	38.853	1.37	40.1	-3.14	-3.11	Pass	Pass	Pass	N/A	N/A	N/A	Sep. 23, 2021	1750	36.40	1.86	37.11	1.96	1111	3971	1431	17
S03	835	23.4	0.909	41.164	0.9	41.5	1.00	-0.81	Pass	Pass	Pass	N/A	N/A	N/A	Sep. 23, 2021	835	9.49	0.507	10.12	6.60	4d092	3971	1431	17
S04	1900	23.4	1.455	38.283	1.4	40	3.93	-4.29	Pass	Pass	Pass	N/A	N/A	N/A	Sep. 23, 2021	1900	40.40	2.08	41.50	2.73	5d036	3971	1431	17
S05	1750	23.4	1.327	38.853	1.37	40.1	-3.14	-3.11	Pass	Pass	Pass	N/A	N/A	N/A	Sep. 23, 2021	1750	36.40	1.86	37.11	1.96	1111	3971	1431	17
S06	835	23.4	0.909	41.164	0.9	41.5	1.00	-0.81	Pass	Pass	Pass	N/A	N/A	N/A	Sep. 23, 2021	835	9.49	0.507	10.12	6.60	4d092	3971	1431	17
S07	2600	23.3	2.042	37.776	1.96	39	4.18	-3.14	Pass	Pass	Pass	N/A	N/A	N/A	Nov. 05, 2021	2600	57.60	2.78	55.47	-3.70	1020	7537	1585	17
S08	750	23.4	0.888	41.557	0.89	41.9	-0.22	-0.82	Pass	Pass	Pass	N/A	N/A	N/A	Sep. 23, 2021	750	8.58	0.463	9.24	7.67	1078	3971	1431	17
S09	750	23.4	0.888	41.557	0.89	41.9	-0.22	-0.82	Pass	Pass	Pass	N/A	N/A	N/A	Sep. 23, 2021	750	8.58	0.463	9.24	7.67	1078	3971	1431	17
S10	750	23.4	0.888	41.557	0.89	41.9	-0.22	-0.82	Pass	Pass	Pass	N/A	N/A	N/A	Sep. 23, 2021	750	8.58	0.463	9.24	7.67	1078	3971	1431	17
S11	750	23.4	0.888	41.557	0.89	41.9	-0.22	-0.82	Pass	Pass	Pass	N/A	N/A	N/A	Sep. 23, 2021	750	8.58	0.463	9.24	7.67	1078	3971	1431	17
S12	1900	23.4	1.456	39.099	1.4	40	4.00	-2.25	Pass	Pass	Pass	N/A	N/A	N/A	Sep. 24, 2021	1900	40.40	2.08	41.50	2.73	5d036	3971	1431	17
S13	835	23.4	0.915	40.603	0.9	41.5	1.67	-2.16	Pass	Pass	Pass	N/A	N/A	N/A	Sep. 24, 2021	835	9.49	0.477	9.52	0.29	4d092	3971	1431	17
S14	2300	23.4	1.732	38.842	1.67	39.5	3.71	-1.67	Pass	Pass	Pass	N/A	N/A	N/A	Sep. 24, 2021	2300	49.20	2.27	45.29	-7.94	1004	3971	1431	17
S15	2600	23.4	2.036	37.736	1.96	39	3.88	-3.24	Pass	Pass	Pass	N/A	N/A	N/A	Sep. 24, 2021	2600	57.60	2.97	59.26	2.88	1020	3971	1431	17
S16	2600	23.4	2.036	37.736	1.96	39	3.88	-3.24	Pass	Pass	Pass	N/A	N/A	N/A	Sep. 24, 2021	2600	57.60	2.97	59.26	2.88	1020	3971	1431	17
S17	1750	23.4	1.322	39.664	1.37	40.1	-3.50	-1.09	Pass	Pass	Pass	N/A	N/A	N/A	Sep. 24, 2021	1750	36.40	1.84	36.71	0.86	1111	3971	1431	17
S18	2450	23.4	1.87	37.896	1.8	39.2	3.89	-3.33	Pass	Pass	Pass	OFDM	N/A	Pass	Sep. 22, 2021	2450	52.70	2.45	48.88	-7.24	835	3971	1431	17
S19	5250	23.4	4.818	35.611	4.71	35.9	2.29	-0.81	Pass	Pass	Pass	OFDM	N/A	Pass	Sep. 28, 2021	5250	80.60	3.71	74.02	-8.16	1019	3971	1431	17
S20	5600	23.4	5.197	35.011	5.07	35.5	2.50	-1.38	Pass	Pass	Pass	OFDM	N/A	Pass	Sep. 28, 2021	5600	82.40	3.9	77.82	-5.56	1019	3971	1431	17
S21	5750	23.4	5.36	34.663	5.22	35.4	2.68	-2.08	Pass	Pass	Pass	OFDM	N/A	Pass	Sep. 30, 2021	5750	79.40	3.67	73.23	-7.78	1019	3971	1431	17
S22	2450	23.4	1.87	37.896	1.8	39.2	3.89	-3.33	Pass	Pass	Pass	OFDM	N/A	Pass	Sep. 22, 2021	2450	52.70	2.45	48.88	-7.24	835	3971	1431	17
S23	1900	23.5	1.46	40.3	1.4	40	4.29	0.75	Pass	Pass	Pass	N/A	N/A	N/A	Sep. 27, 2021	1900	40.40	2.1	41.90	3.71	5d036	3971	1431	17
S24	1750	23.5	1.323	40.825	1.37	40.1	-3.43	1.81	Pass	Pass	Pass	N/A	N/A	N/A	Sep. 27, 2021	1750	36.40	1.85	36.91	1.41	1111	3971	1431	17
S25	835	23.5	0.928	42.017	0.9	41.5	3.11	1.25	Pass	Pass	Pass	N/A	N/A	N/A	Sep. 27, 2021	835	9.49	0.482	9.62	1.34	4d092	3971	1431	17
S26	1900	23.6	1.362	41.328	1.4	40	-2.71	3.32	Pass	Pass	Pass	N/A	N/A	N/A	Sep. 25, 2021	1900	40.40	2.09	41.70	3.22	5d036	3650	1277	17
S27	1750	23.6	1.316	41.545	1.37	40.1	-3.94	3.60	Pass	Pass	Pass	N/A	N/A	N/A	Sep. 25, 2021	1750	36.40	1.88	37.51	3.05	1111	3650	1277	17
S28	835	23.6	0.903	41.35	0.9	41.5	0.33	-0.36	Pass	Pass	Pass	N/A	N/A	N/A	Sep. 25, 2021	835	9.49	0.521	10.40	9.54	4d092	3650	1277	17
S29	2600	23.6	2.03	37.41	1.96	39	3.57	-4.08	Pass	Pass	Pass	N/A	N/A	N/A	Sep. 25, 2021	2600	57.60	2.9	57.86	0.46	1020	3650	1277	17
S30	750	23.6	0.894	42.863	0.89	41.9	0.45	2.30	Pass	Pass	Pass	N/A	N/A	N/A	Sep. 25, 2021	750	8.58	0.467	9.32	8.60	1078	3650	1277	17
S31	750	23.6	0.894	42.863	0.89	41.9	0.45	2.30	Pass	Pass	Pass	N/A	N/A	N/A	Sep. 25, 2021	750	8.58	0.467	9.32	8.60	1078	3650	1277	17
S32	750	23.6	0.894	42.863	0.89	41.9	0.45	2.30	Pass	Pass	Pass	N/A	N/A	N/A	Sep. 25, 2021	750	8.58	0.467	9.32	8.60	1078	3650	1277	17
S33	750	23.6	0.894	42.863	0.89	41.9	0.45	2.30	Pass	Pass	Pass	N/A	N/A	N/A	Sep. 25, 2021	750	8.58	0.467	9.32	8.60	1078	3650	1277	17
S34	1900	23.6	1.362	41.328	1.4	40	-2.71	3.32	Pass	Pass	Pass	N/A	N/A	N/A	Sep. 25, 2021	1900	40.40	2.09	41.70	3.22	5d036	3650	1277	17
S35	835	23.6	0.903	41.35	0.9	41.5	0.33	-0.36	Pass	Pass	Pass	N/A	N/A	N/A	Sep. 25, 2021	835	9.49	0.521	10.40	9.54	4d092	3650	1277	17
S36	2300	23.6	1.717	38.423	1.67	39.5	2.81	-2.73	Pass	Pass	Pass	N/A	N/A	N/A	Sep. 25, 2021	2300	49.20	2.38	47.49	-3.48	1004	3650	1277	17
S37	2600	23.6	2.03	37.41	1.96	39	3.57	-4.08	Pass	Pass	Pass	N/A	N/A	N/A	Sep. 25, 2021	2600	57.60	2.9	57.86	0.46	1020	3650	1277	17
S38	2600	23.5	2.04	37.866	1.96	39	4.08	-2.91	Pass	Pass	Pass	N/A	N/A	N/A	Sep. 27, 2021	2600	57.60	2.97	59.26	2.88	1020	3971	1431	17
S39	1750	23.6	1.316	41.545	1.37	40.1	-3.94	3.60	Pass	Pass	Pass	N/A	N/A	N/A	Sep. 25, 2021	1750	36.40	1.88	37.51	3.05	1111	3650	1277	17
S40	2450	23.4	1.87	37.896	1.8	39.2	3.89	-3.33	Pass	Pass	Pass	OFDM	N/A	Pass	Sep. 22, 2021	2450	52.70	2.45	48.88	-7.24	835	3971	1431	17
S41	5250	23.3	4.753	35.645	4.71	35.9	0.91	-0.71	Pass	Pass	Pass	OFDM	N/A	Pass	Sep. 29, 2021	5250	80.60	4.21	84.00	4.22	1019	7537	1585	17
S42	5600	23.3	5.086	35.168	5.07	35.5	0.32	-0.94	Pass	Pass	Pass	OFDM	N/A	Pass	Sep. 29, 2021	5600	82.40	3.87	77.22	-6.29	1019	7537	1585	17
S43	5750	23.3	5.228	34.961	5.22	35.4	0.15	-1.24	Pass	Pass	Pass	OFDM	N/A	Pass	Sep. 29, 2021	5750	79.40	4.09	81.61	2.78	1019	7537	1585	17
S44	2450	23.4	1.87	37.896	1.8	39.2	3.89	-3.33	Pass	Pass	Pass	OFDM	N/A	Pass	Sep. 22, 2021	2450	52.70	2.45	48.88	-7.24	835	3971	1431	17

Annex D. Maximum Target Conducted Power

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

WCDMA Max. Tune-up Power (P-Sensor OFF)		
Mode	RMC 12.2K	HSDPA DC-HSDPA HSUPA
	Maximum Target Power	Maximum Target Power
WCDMA Band II	24.5	23.5
WCDMA Band IV	24.5	23.5
WCDMA Band V	24.5	23.5

LTE Max. Tune-up Power (P-Sensor OFF)			
Mode	QPSK	16QAM	64QAM
	Maximum Target Power	Maximum Target Power	Maximum Target Power
LTE 2	24.5	23.5	22.5
LTE 4	24.5	23.5	22.5
LTE 5	24.5	23.5	22.5
LTE 7	24.5	23.5	22.5
LTE 12	24.5	23.5	22.5
LTE 13	24.5	23.5	22.5
LTE 14	24.5	23.5	22.5
LTE 17	24.5	23.5	22.5
LTE 25	24.5	23.5	22.5
LTE 26	24.5	23.5	22.5
LTE 30	23.0	22.0	21.0
LTE 38	24.5	23.5	22.5
LTE 41	24.5	23.5	22.5
LTE 66	24.5	23.5	22.5

WCDMA Max. Tune-up Power (P-Sensor ON)		
Mode	RMC 12.2K	HSDPA DC-HSDPA HSUPA
	Maximum Target Power	Maximum Target Power
WCDMA Band II	15.0	14.0
WCDMA Band IV	14.5	13.5
WCDMA Band V	20.0	19.0

LTE Max. Tune-up Power (P-Sensor ON)			
Mode	QPSK	16QAM	64QAM
	Maximum Target Power	Maximum Target Power	Maximum Target Power
LTE 2	14.5	14.5	14.5
LTE 4	14.0	14.0	14.0
LTE 5	19.5	19.5	19.5
LTE 7	11.5	11.5	11.5
LTE 12	18.0	18.0	18.0
LTE 13	19.0	19.0	19.0
LTE 14	19.0	19.0	19.0
LTE 17	19.0	19.0	19.0
LTE 25	14.5	14.5	14.5
LTE 26	19.5	19.5	19.5
LTE 30	14.5	14.5	14.5
LTE 38	16.0	16.0	16.0
LTE 41	15.5	15.5	15.5
LTE 66	13.5	13.5	13.5

WLAN Tune-up Power (Laptop Full)							
WLAN2.4GHz							
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up	MIMO Ant 0 Tune up	MIMO Ant 1 Tune up	MIMO Ant 0+1 Max Tune up
802.11b	1	2412	21.0	21.0			
	6	2437	21.0	21.0			
	11	2462	21.0	21.0			
	12	2467	20.0	20.0			
	13	2472	17.0	17.0			
802.11g	1	2412	20.0	20.0			
	6	2437	21.0	21.0			
	11	2462	21.0	21.0			
	12	2467	15.5	15.5			
	13	2472	12.5	12.5			
802.11n HT20	1	2412	19.5	19.5	17.0	17.0	20.0
	6	2437	22.0	22.0	20.5	20.5	23.5
	11	2462	18.5	18.5	17.5	17.5	20.5
	12	2467	15.5	15.5	12.0	12.0	15.0
	13	2472	12.5	12.5	9.0	9.0	12.0
802.11n HT40	3	2422	16.5	16.5	16.0	16.0	19.0
	6	2437	18.0	18.0	16.0	16.0	19.0
	9	2452	17.5	17.5	16.0	16.0	19.0
	10	2457	13.0	13.0	12.0	12.0	15.0
	11	2462	11.5	11.5	9.0	9.0	12.0
802.11ax HE20	1	2412	19.5	19.5	17.0	17.0	20.0
	6	2437	22.0	22.0	20.5	20.5	23.5
	11	2462	18.5	18.5	17.5	17.5	20.5
	12	2467	15.5	15.5	12.0	12.0	15.0
	13	2472	12.5	12.5	9.0	9.0	12.0
802.11ax HE40	3	2422	16.5	16.5	16.0	16.0	19.0
	6	2437	18.0	18.0	16.0	16.0	19.0
	9	2452	17.5	17.5	16.0	16.0	19.0
	10	2457	13.0	13.0	12.0	12.0	15.0
	11	2462	11.5	11.5	9.0	9.0	12.0

WLAN Tune-up Power (Laptop Full)					
Bluetooth					
Mode	Channel	Frequency	Ant 0 Max Tune-up	Ant 1 Max Tune-up	
BR / EDR	0	2402		10.5	
	39	2441		10.5	
	78	2480		10.5	
LE	0	2402		9.0	
	19	2440		9.0	
	39	2480		9.0	

WLAN Tune-up Power (Laptop Full)							
WLAN 5.2GHz							
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up	MIMO Ant 0 Tune up	MIMO Ant 1 Tune up	MIMO Ant 0+1 Max Tune up
802.11a	36	5180	20.0	20.0			
	40	5200	21.0	21.0			
	44	5220	21.0	21.0			
	48	5240	21.0	21.0			
802.11n HT20	36	5180	20.0	20.0	18.5	18.5	21.5
	40	5200	21.0	21.0	19.0	19.0	22.0
	44	5220	21.0	21.0	19.0	19.0	22.0
	48	5240	21.0	21.0	19.0	19.0	22.0
802.11n HT40	38	5190	18.5	18.5	16.0	16.0	19.0
	46	5230	21.5	21.5	21.0	21.0	24.0
802.11ac VHT80	42	5210	17.5	17.5	15.0	15.0	18.0
802.11ax HE20	36	5180	20.0	20.0	18.5	18.5	21.5
	40	5200	21.0	21.0	19.0	19.0	22.0
	44	5220	21.0	21.0	19.0	19.0	22.0
	48	5240	21.0	21.0	19.0	19.0	22.0
802.11ax HE40	38	5190	18.5	18.5	16.0	16.0	19.0
	46	5230	21.5	21.5	21.0	21.0	24.0
802.11ax HE80	42	5210	17.5	17.5	15.0	15.0	18.0

WLAN Tune-up Power (Laptop Full)							
WLAN 5.3GHz							
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up	MIMO Ant 0 Tune up	MIMO Ant 1 Tune up	MIMO Ant 0+1 Max Tune up
802.11a	52	5260	20.0	20.0			
	56	5280	21.0	21.0			
	60	5300	21.0	21.0			
	64	5320	21.0	21.0			
802.11n HT20	52	5260	20.0	20.0	18.5	18.5	21.5
	56	5280	21.0	21.0	19.0	19.0	22.0
	60	5300	21.0	21.0	19.0	19.0	22.0
	64	5320	21.0	21.0	19.0	19.0	22.0
802.11n HT40	54	5270	18.5	18.5	16.0	16.0	19.0
	62	5310	21.5	21.5	19.0	19.0	22.0
802.11ac VHT80	58	5290	17.5	17.5	15.0	15.0	18.0
802.11ac VHT160	50	5250	15.5	15.5	13.0	13.0	16.0
802.11ax HE20	52	5260	20.0	20.0	18.5	18.5	21.5
	56	5280	21.0	21.0	19.0	19.0	22.0
	60	5300	21.0	21.0	19.0	19.0	22.0
	64	5320	21.0	21.0	19.0	19.0	22.0
802.11ax HE40	54	5270	18.5	18.5	16.0	16.0	19.0
	62	5310	21.5	21.5	19.0	19.0	22.0
802.11ax HE80	58	5290	17.5	17.5	15.0	15.0	18.0
802.11ax HE160	50	5250	15.5	15.5	13.0	13.0	16.0

WLAN Tune-up Power (Laptop Full)							
WLAN 5.6GHz							
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up	MIMO Ant 0 Tune up	MIMO Ant 1 Tune up	MIMO Ant 0+1 Max Tune up
802.11a	100	5500	21.0	21.0			
	116	5580	21.0	21.0			
	120	5600	21.0	21.0			
	124	5620	21.0	21.0			
	132	5660	21.0	21.0			
	140	5700	21.0	21.0			
802.11n HT20	100	5500	21.0	21.0	19.0	19.0	22.0
	116	5580	21.0	21.0	19.0	19.0	22.0
	120	5600	21.0	21.0	19.0	19.0	22.0
	124	5620	21.0	21.0	19.0	19.0	22.0
	132	5660	21.0	21.0	19.0	19.0	22.0
	140	5700	21.0	21.0	19.0	19.0	22.0
	144	5720	21.0	21.0	19.0	19.0	22.0
802.11n HT40	102	5510	21.0	21.0	18.5	18.5	21.5
	110	5550	21.0	21.0	18.5	18.5	21.5
	118	5590	21.0	21.0	21.0	21.0	24.0
	126	5630	21.0	21.0	21.0	21.0	24.0
	134	5670	21.0	21.0	20.0	20.0	23.0
	142	5710	21.0	21.0	20.0	20.0	23.0
802.11ac VHT80	106	5530	18.0	18.0	13.0	13.0	16.0
	122	5610	16.0	19.0	21.0	21.0	24.0
	138	5690	16.0	19.0	21.0	21.0	24.0
802.11ac VHT160	114	5570	16.0	17.0	15.0	15.0	18.0
802.11ax HE20	100	5500	21.0	21.0	19.0	19.0	22.0
	116	5580	21.0	21.0	19.0	19.0	22.0
	120	5600	21.0	21.0	19.0	19.0	22.0
	124	5620	21.0	21.0	19.0	19.0	22.0
	132	5660	21.0	21.0	19.0	19.0	22.0
	140	5700	21.0	21.0	19.0	19.0	22.0
	144	5720	21.0	21.0	19.0	19.0	22.0
802.11ax HE40	102	5510	21.0	21.0	18.5	18.5	21.5
	110	5550	21.0	21.0	18.5	18.5	21.5
	118	5590	21.0	21.0	21.0	21.0	24.0
	126	5630	21.0	21.0	21.0	21.0	24.0
	134	5670	21.0	21.0	20.0	20.0	23.0
	142	5710	21.0	21.0	20.0	20.0	23.0
802.11ax HE80	106	5530	18.5	20.0	13.0	13.0	16.0
	122	5610	18.5	20.0	21.0	21.0	24.0
	138	5690	18.5	20.0	21.0	21.0	24.0
802.11ax HE160	114	5570	16.5	17.5	15.0	15.0	18.0

WLAN Tune-up Power (Laptop Full)							
WLAN 5.8GHz							
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up	MIMO Ant 0 Tune up	MIMO Ant 1 Tune up	MIMO Ant 0+1 Max Tune up
802.11a	149	5745	21.0	21.0			
	153	5765	21.0	21.0			
	157	5785	21.0	21.0			
	161	5805	21.0	21.0			
	165	5825	21.0	21.0			
802.11n HT20	149	5745	21.0	21.0	21.0	21.0	24.0
	153	5765	21.0	21.0	21.0	21.0	24.0
	157	5785	21.0	21.0	21.0	21.0	24.0
	161	5805	21.0	21.0	21.0	21.0	24.0
	165	5825	21.0	21.0	21.0	21.0	24.0
802.11n HT40	151	5755	21.0	21.0	21.0	21.0	24.0
	159	5795	21.0	21.0	21.0	21.0	24.0
802.11ac VHT80	155	5775	21.0	21.0	20.0	20.0	23.0
802.11ax HE20	149	5745	21.0	21.0	21.0	21.0	24.0
	153	5765	21.0	21.0	21.0	21.0	24.0
	157	5785	21.0	21.0	21.0	21.0	24.0
	161	5805	21.0	21.0	21.0	21.0	24.0
	165	5825	21.0	21.0	21.0	21.0	24.0
802.11ax HE40	151	5755	21.0	21.0	21.0	21.0	24.0
	159	5795	21.0	21.0	21.0	21.0	24.0
802.11ax HE80	155	5775	21.0	21.0	20.0	20.0	23.0

WLAN Tune-up Power (Tablet Full)							
WLAN 2.4GHz							
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up	MIMO Ant 0 Tune up	MIMO Ant 1 Tune up	MIMO Ant 0+1 Max Tune up
802.11b	1	2412	18.0	18.0			
	6	2437	18.0	18.0			
	11	2462	18.0	18.0			
	12	2467	18.0	18.0			
	13	2472	18.0	18.0			
802.11g	1	2412	18.0	18.0	18.0	18.0	21.0
	6	2437	18.0	18.0	18.0	18.0	21.0
	11	2462	18.0	18.0	18.0	18.0	21.0
	12	2467	18.0	18.0	18.0	18.0	21.0
	13	2472	18.0	18.0	18.0	18.0	21.0
802.11n HT20	1	2412	18.0	18.0	18.0	18.0	21.0
	6	2437	18.0	18.0	18.0	18.0	21.0
	11	2462	18.0	18.0	18.0	18.0	21.0
	12	2467	18.0	18.0	18.0	18.0	21.0
	13	2472	18.0	18.0	18.0	18.0	21.0
802.11n HT40	3	2422	18.0	18.0	18.0	18.0	21.0
	6	2437	18.0	18.0	18.0	18.0	21.0
	9	2452	18.0	18.0	18.0	18.0	21.0
	10	2457	18.0	18.0	18.0	18.0	21.0
	11	2462	18.0	18.0	18.0	18.0	21.0
802.11ax HE20	1	2412	18.0	18.0	18.0	18.0	21.0
	6	2437	18.0	18.0	18.0	18.0	21.0
	11	2462	18.0	18.0	18.0	18.0	21.0
	12	2467	18.0	18.0	18.0	18.0	21.0
	13	2472	18.0	18.0	18.0	18.0	21.0
802.11ax HE40	3	2422	18.0	18.0	18.0	18.0	21.0
	6	2437	18.0	18.0	18.0	18.0	21.0
	9	2452	18.0	18.0	18.0	18.0	21.0
	10	2457	18.0	18.0	18.0	18.0	21.0
	11	2462	18.0	18.0	18.0	18.0	21.0

WLAN Tune-up Power (Tablet Full)					
Bluetooth					
Mode	Channel	Frequency	Ant 0 Max Tune-up	Ant 1 Max Tune-up	
BR / EDR	0	2402		10.5	
	39	2441		10.5	
	78	2480		10.5	
LE	0	2402		9.0	
	19	2440		9.0	
	39	2480		9.0	

WLAN Tune-up Power (Tablet Full)							
WLAN 5.2GHz							
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up	MIMO Ant 0 Tune up	MIMO Ant 1 Tune up	MIMO Ant 0+1 Max Tune up
802.11a	36	5180	15.0	15.0			
	40	5200	15.0	15.0			
	44	5220	15.0	15.0			
	48	5240	15.0	15.0			
802.11n HT20	36	5180	15.0	15.0	15.0	15.0	18.0
	40	5200	15.0	15.0	15.0	15.0	18.0
	44	5220	15.0	15.0	15.0	15.0	18.0
	48	5240	15.0	15.0	15.0	15.0	18.0
802.11n HT40	38	5190	15.0	15.0	15.0	15.0	18.0
	46	5230	15.0	15.0	15.0	15.0	18.0
802.11ac VHT80	42	5210	15.0	15.0	15.0	15.0	18.0
802.11ax HE20	36	5180	15.0	15.0	15.0	15.0	18.0
	40	5200	15.0	15.0	15.0	15.0	18.0
	44	5220	15.0	15.0	15.0	15.0	18.0
	48	5240	15.0	15.0	15.0	15.0	18.0
802.11ax HE40	38	5190	15.0	15.0	15.0	15.0	18.0
	46	5230	15.0	15.0	15.0	15.0	18.0
802.11ax HE80	42	5210	15.0	15.0	15.0	15.0	18.0

WLAN Tune-up Power (Tablet Full)							
WLAN 5.3GHz							
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up	MIMO Ant 0 Tune up	MIMO Ant 1 Tune up	MIMO Ant 0+1 Max Tune up
802.11a	52	5260	15.0	15.0			
	56	5280	15.0	15.0			
	60	5300	15.0	15.0			
	64	5320	15.0	15.0			
802.11n HT20	52	5260	15.0	15.0	15.0	15.0	18.0
	56	5280	15.0	15.0	15.0	15.0	18.0
	60	5300	15.0	15.0	15.0	15.0	18.0
	64	5320	15.0	15.0	15.0	15.0	18.0
802.11ac VHT40	54	5270	15.0	15.0	15.0	15.0	18.0
	62	5310	15.0	15.0	15.0	15.0	18.0
802.11ac VHT80	58	5290	15.0	15.0	15.0	15.0	18.0
802.11ac VHT160	50	5250	15.0	15.0	15.0	15.0	18.0
802.11ax HE20	52	5260	15.0	15.0	15.0	15.0	18.0
	56	5280	15.0	15.0	15.0	15.0	18.0
	60	5300	15.0	15.0	15.0	15.0	18.0
	64	5320	15.0	15.0	15.0	15.0	18.0
802.11ax HE40	54	5270	15.0	15.0	15.0	15.0	18.0
	62	5310	15.0	15.0	15.0	15.0	18.0
802.11ax HE80	58	5290	15.0	15.0	15.0	15.0	18.0
802.11ax HE160	50	5250	15.0	15.0	15.0	15.0	18.0

WLAN Tune-up Power (Tablet Full)							
WLAN 5.6GHz							
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up	MIMO Ant 0 Tune up	MIMO Ant 1 Tune up	MIMO Ant 0+1 Max Tune up
802.11a	100	5500	13.5	13.5			
	116	5580	13.5	13.5			
	120	5600	13.5	13.5			
	124	5620	13.5	13.5			
	132	5660	13.5	13.5			
	140	5700	13.5	13.5			
802.11n HT20	100	5500	13.5	13.5	13.5	13.5	16.5
	116	5580	13.5	13.5	13.5	13.5	16.5
	120	5600	13.5	13.5	13.5	13.5	16.5
	124	5620	13.5	13.5	13.5	13.5	16.5
	132	5660	13.5	13.5	13.5	13.5	16.5
	140	5700	13.5	13.5	13.5	13.5	16.5
	144	5720	13.5	13.5	13.5	13.5	16.5
802.11n HT40	102	5510	13.5	13.5	13.5	13.5	16.5
	110	5550	13.5	13.5	13.5	13.5	16.5
	118	5590	13.5	13.5	13.5	13.5	16.5
	126	5630	13.5	13.5	13.5	13.5	16.5
	134	5670	13.5	13.5	13.5	13.5	16.5
	142	5710	13.5	13.5	13.5	13.5	16.5
802.11ac VHT80	106	5530	13.5	13.5	13.5	13.5	16.5
	122	5610	13.5	13.5	13.5	13.5	16.5
	138	5690	13.5	13.5	13.5	13.5	16.5
802.11ac VHT160	114	5570	13.5	13.5	13.5	13.5	16.5
802.11ax HE20	100	5500	13.5	13.5	13.5	13.5	16.5
	116	5580	13.5	13.5	13.5	13.5	16.5
	120	5600	13.5	13.5	13.5	13.5	16.5
	124	5620	13.5	13.5	13.5	13.5	16.5
	132	5660	13.5	13.5	13.5	13.5	16.5
	140	5700	13.5	13.5	13.5	13.5	16.5
	144	5720	13.5	13.5	13.5	13.5	16.5
802.11ax HE40	102	5510	13.5	13.5	13.5	13.5	16.5
	110	5550	13.5	13.5	13.5	13.5	16.5
	118	5590	13.5	13.5	13.5	13.5	16.5
	126	5630	13.5	13.5	13.5	13.5	16.5
	134	5670	13.5	13.5	13.5	13.5	16.5
	142	5710	13.5	13.5	13.5	13.5	16.5
802.11ax HE80	106	5530	13.5	13.5	13.5	13.5	16.5
	122	5610	13.5	13.5	13.5	13.5	16.5
	138	5690	13.5	13.5	13.5	13.5	16.5
802.11ax HE160	114	5570	13.5	13.5	13.5	13.5	16.5

WLAN Tune-up Power (Tablet Full)							
WLAN 5.8GHz							
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up	MIMO Ant 0 Tune up	MIMO Ant 1 Tune up	MIMO Ant 0+1 Max Tune up
802.11a	149	5745	13.5	13.5			
	153	5765	13.5	13.5			
	157	5785	13.5	13.5			
	161	5805	13.5	13.5			
	165	5825	13.5	13.5			
802.11n HT20	149	5745	13.5	13.5	13.5	13.5	16.5
	153	5765	13.5	13.5	13.5	13.5	16.5
	157	5785	13.5	13.5	13.5	13.5	16.5
	161	5805	13.5	13.5	13.5	13.5	16.5
	165	5825	13.5	13.5	13.5	13.5	16.5
802.11n HT40	151	5755	13.5	13.5	13.5	13.5	16.5
	159	5795	13.5	13.5	13.5	13.5	16.5
802.11ac VHT80	155	5775	13.5	13.5	13.5	13.5	16.5
802.11ax HE20	149	5745	13.5	13.5	13.5	13.5	16.5
	153	5765	13.5	13.5	13.5	13.5	16.5
	157	5785	13.5	13.5	13.5	13.5	16.5
	161	5805	13.5	13.5	13.5	13.5	16.5
	165	5825	13.5	13.5	13.5	13.5	16.5
802.11ax HE40	151	5755	13.5	13.5	13.5	13.5	16.5
	159	5795	13.5	13.5	13.5	13.5	16.5
802.11ax HE80	155	5775	13.5	13.5	13.5	13.5	16.5

WLAN Tune-up Power (Laptop Reduction)							
WLAN2.4GHz							
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up	MIMO Ant 0 Tune up	MIMO Ant 1 Tune up	MIMO Ant 0+1 Max Tune up
802.11b	1	2412	12.5	12.5			
	6	2437	12.5	12.5			
	11	2462	12.5	12.5			
	12	2467	12.5	12.5			
	13	2472	12.5	12.5			
802.11g	1	2412	12.5	12.5			
	6	2437	12.5	12.5			
	11	2462	12.5	12.5			
	12	2467	12.5	12.5			
	13	2472	12.5	12.5			
802.11n HT20	1	2412	12.5	12.5	12.5	12.5	15.5
	6	2437	12.5	12.5	12.5	12.5	15.5
	11	2462	12.5	12.5	12.5	12.5	15.5
	12	2467	12.5	12.5	12.5	12.5	15.5
	13	2472	12.5	12.5	12.5	12.5	15.5
802.11n HT40	3	2422	12.5	12.5	12.5	12.5	15.5
	6	2437	12.5	12.5	12.5	12.5	15.5
	9	2452	12.5	12.5	12.5	12.5	15.5
	10	2457	12.5	12.5	12.5	12.5	15.5
	11	2462	12.5	12.5	12.5	12.5	15.5
802.11ax HE20	1	2412	12.5	12.5	12.5	12.5	15.5
	6	2437	12.5	12.5	12.5	12.5	15.5
	11	2462	12.5	12.5	12.5	12.5	15.5
	12	2467	12.5	12.5	12.5	12.5	15.5
	13	2472	12.5	12.5	12.5	12.5	15.5
802.11ax HE40	3	2422	12.5	12.5	12.5	12.5	15.5
	6	2437	12.5	12.5	12.5	12.5	15.5
	9	2452	12.5	12.5	12.5	12.5	15.5
	10	2457	12.5	12.5	12.5	12.5	15.5
	11	2462	12.5	12.5	12.5	12.5	15.5

WLAN Tune-up Power (Laptop Reduction)							
WLAN 5.2GHz							
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up	MIMO Ant 0 Tune up	MIMO Ant 1 Tune up	MIMO Ant 0+1 Max Tune up
802.11a	36	5180	9.5	9.5			
	40	5200	9.5	9.5			
	44	5220	9.5	9.5			
	48	5240	9.5	9.5			
802.11n HT20	36	5180	9.5	9.5	9.5	9.5	12.5
	40	5200	9.5	9.5	9.5	9.5	12.5
	44	5220	9.5	9.5	9.5	9.5	12.5
	48	5240	9.5	9.5	9.5	9.5	12.5
802.11n HT40	38	5190	9.5	9.5	9.5	9.5	12.5
	46	5230	9.5	9.5	9.5	9.5	12.5
802.11ac VHT80	42	5210	9.5	9.5	9.5	9.5	12.5
802.11ax HE20	36	5180	9.5	9.5	9.5	9.5	12.5
	40	5200	9.5	9.5	9.5	9.5	12.5
	44	5220	9.5	9.5	9.5	9.5	12.5
	48	5240	9.5	9.5	9.5	9.5	12.5
802.11ax HE40	38	5190	9.5	9.5	9.5	9.5	12.5
	46	5230	9.5	9.5	9.5	9.5	12.5
802.11ax HE80	42	5210	9.5	9.5	9.5	9.5	12.5

WLAN Tune-up Power (Laptop Reduction)							
WLAN 5.3GHz							
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up	MIMO Ant 0 Tune up	MIMO Ant 1 Tune up	MIMO Ant 0+1 Max Tune up
802.11a	52	5260	9.5	9.5			
	56	5280	9.5	9.5			
	60	5300	9.5	9.5			
	64	5320	9.5	9.5			
802.11n HT20	52	5260	9.5	9.5	9.5	9.5	12.5
	56	5280	9.5	9.5	9.5	9.5	12.5
	60	5300	9.5	9.5	9.5	9.5	12.5
	64	5320	9.5	9.5	9.5	9.5	12.5
802.11n HT40	54	5270	9.5	9.5	9.5	9.5	12.5
	62	5310	9.5	9.5	9.5	9.5	12.5
802.11ac VHT80	58	5290	9.5	9.5	9.5	9.5	12.5
802.11ac VHT160	50	5250	9.5	9.5	9.5	9.5	12.5
802.11ax HE20	52	5260	9.5	9.5	9.5	9.5	12.5
	56	5280	9.5	9.5	9.5	9.5	12.5
	60	5300	9.5	9.5	9.5	9.5	12.5
	64	5320	9.5	9.5	9.5	9.5	12.5
802.11ax HE40	54	5270	9.5	9.5	9.5	9.5	12.5
	62	5310	9.5	9.5	9.5	9.5	12.5
802.11ax HE80	58	5290	9.5	9.5	9.5	9.5	12.5
802.11ax HE160	50	5250	9.5	9.5	9.5	9.5	12.5

WLAN Tune-up Power (Laptop Reduction)							
WLAN 5.6GHz							
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up	MIMO Ant 0 Tune up	MIMO Ant 1 Tune up	MIMO Ant 0+1 Max Tune up
802.11a	100	5500	9.5	9.5			
	116	5580	9.5	9.5			
	120	5600	9.5	9.5			
	124	5620	9.5	9.5			
	132	5660	9.5	9.5			
	140	5700	9.5	9.5			
802.11n HT20	100	5500	9.5	9.5	9.5	9.5	12.5
	116	5580	9.5	9.5	9.5	9.5	12.5
	120	5600	9.5	9.5	9.5	9.5	12.5
	124	5620	9.5	9.5	9.5	9.5	12.5
	132	5660	9.5	9.5	9.5	9.5	12.5
	140	5700	9.5	9.5	9.5	9.5	12.5
	144	5720	9.5	9.5	9.5	9.5	12.5
802.11n HT40	102	5510	9.5	9.5	9.5	9.5	12.5
	110	5550	9.5	9.5	9.5	9.5	12.5
	118	5590	9.5	9.5	9.5	9.5	12.5
	126	5630	9.5	9.5	9.5	9.5	12.5
	134	5670	9.5	9.5	9.5	9.5	12.5
	142	5710	9.5	9.5	9.5	9.5	12.5
802.11ac VHT80	106	5530	9.5	9.5	9.5	9.5	12.5
	122	5610	9.5	9.5	9.5	9.5	12.5
	138	5690	9.5	9.5	9.5	9.5	12.5
802.11ac VHT160	114	5570	9.5	9.5	9.5	9.5	12.5
802.11ax HE20	100	5500	9.5	9.5	9.5	9.5	12.5
	116	5580	9.5	9.5	9.5	9.5	12.5
	120	5600	9.5	9.5	9.5	9.5	12.5
	124	5620	9.5	9.5	9.5	9.5	12.5
	132	5660	9.5	9.5	9.5	9.5	12.5
	140	5700	9.5	9.5	9.5	9.5	12.5
	144	5720	9.5	9.5	9.5	9.5	12.5
802.11ax HE40	102	5510	9.5	9.5	9.5	9.5	12.5
	110	5550	9.5	9.5	9.5	9.5	12.5
	118	5590	9.5	9.5	9.5	9.5	12.5
	126	5630	9.5	9.5	9.5	9.5	12.5
	134	5670	9.5	9.5	9.5	9.5	12.5
	142	5710	9.5	9.5	9.5	9.5	12.5
802.11ax HE80	106	5530	9.5	9.5	9.5	9.5	12.5
	122	5610	9.5	9.5	9.5	9.5	12.5
	138	5690	9.5	9.5	9.5	9.5	12.5
802.11ax HE160	114	5570	9.5	9.5	9.5	9.5	12.5

WLAN Tune-up Power (Laptop Reduction)							
WLAN 5.8GHz							
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up	MIMO Ant 0 Tune up	MIMO Ant 1 Tune up	MIMO Ant 0+1 Max Tune up
802.11a	149	5745	8.5	8.5			
	153	5765	8.5	8.5			
	157	5785	8.5	8.5			
	161	5805	8.5	8.5			
	165	5825	8.5	8.5			
802.11n HT20	149	5745	8.5	8.5	8.5	8.5	11.5
	153	5765	8.5	8.5	8.5	8.5	11.5
	157	5785	8.5	8.5	8.5	8.5	11.5
	161	5805	8.5	8.5	8.5	8.5	11.5
	165	5825	8.5	8.5	8.5	8.5	11.5
802.11n HT40	151	5755	8.5	8.5	8.5	8.5	11.5
	159	5795	8.5	8.5	8.5	8.5	11.5
802.11ac VHT80	155	5775	8.5	8.5	8.5	8.5	11.5
802.11ax HE20	149	5745	8.5	8.5	8.5	8.5	11.5
	153	5765	8.5	8.5	8.5	8.5	11.5
	157	5785	8.5	8.5	8.5	8.5	11.5
	161	5805	8.5	8.5	8.5	8.5	11.5
	165	5825	8.5	8.5	8.5	8.5	11.5
802.11ax HE40	151	5755	8.5	8.5	8.5	8.5	11.5
	159	5795	8.5	8.5	8.5	8.5	11.5
802.11ax HE80	155	5775	8.5	8.5	8.5	8.5	11.5

WLAN Tune-up Power (Tablet Reduction)							
WLAN 2.4GHz							
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up	MIMO Ant 0 Tune up	MIMO Ant 1 Tune up	MIMO Ant 0+1 Max Tune up
802.11b	1	2412	17.5	17.5			
	6	2437	17.5	17.5			
	11	2462	17.5	17.5			
	12	2467	17.5	17.5			
	13	2472	17.5	17.5			
802.11g	1	2412	17.5	17.5			
	6	2437	17.5	17.5			
	11	2462	17.5	17.5			
	12	2467	17.5	17.5			
	13	2472	17.5	17.5			
802.11n HT20	1	2412	17.5	17.5	17.5	17.5	20.5
	6	2437	17.5	17.5	17.5	17.5	20.5
	11	2462	17.5	17.5	17.5	17.5	20.5
	12	2467	17.5	17.5	17.5	17.5	20.5
	13	2472	17.5	17.5	17.5	17.5	20.5
802.11n HT40	3	2422	17.5	17.5	17.5	17.5	20.5
	6	2437	17.5	17.5	17.5	17.5	20.5
	9	2452	17.5	17.5	17.5	17.5	20.5
	10	2457	17.5	17.5	17.5	17.5	20.5
	11	2462	17.5	17.5	17.5	17.5	20.5
802.11ax HE20	1	2412	17.5	17.5	17.5	17.5	20.5
	6	2437	17.5	17.5	17.5	17.5	20.5
	11	2462	17.5	17.5	17.5	17.5	20.5
	12	2467	17.5	17.5	17.5	17.5	20.5
	13	2472	17.5	17.5	17.5	17.5	20.5
802.11ax HE40	3	2422	17.5	17.5	17.5	17.5	20.5
	6	2437	17.5	17.5	17.5	17.5	20.5
	9	2452	17.5	17.5	17.5	17.5	20.5
	10	2457	17.5	17.5	17.5	17.5	20.5
	11	2462	17.5	17.5	17.5	17.5	20.5

WLAN Tune-up Power (Tablet Reduction)							
WLAN 5.2GHz							
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up	MIMO Ant 0 Tune up	MIMO Ant 1 Tune up	MIMO Ant 0+1 Max Tune up
802.11a	36	5180	14.5	14.5			
	40	5200	14.5	14.5			
	44	5220	14.5	14.5			
	48	5240	14.5	14.5			
802.11n HT20	36	5180	14.5	14.5	14.5	14.5	17.5
	40	5200	14.5	14.5	14.5	14.5	17.5
	44	5220	14.5	14.5	14.5	14.5	17.5
	48	5240	14.5	14.5	14.5	14.5	17.5
802.11n HT40	38	5190	14.5	14.5	14.5	14.5	17.5
	46	5230	14.5	14.5	14.5	14.5	17.5
802.11ac VHT80	42	5210	14.5	14.5	14.5	14.5	17.5
802.11ax HE20	36	5180	14.5	14.5	14.5	14.5	17.5
	40	5200	14.5	14.5	14.5	14.5	17.5
	44	5220	14.5	14.5	14.5	14.5	17.5
	48	5240	14.5	14.5	14.5	14.5	17.5
802.11ax HE40	38	5190	14.5	14.5	14.5	14.5	17.5
	46	5230	14.5	14.5	14.5	14.5	17.5
802.11ax HE80	42	5210	14.5	14.5	14.5	14.5	17.5

WLAN Tune-up Power (Tablet Reduction)							
WLAN 5.3GHz							
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up	MIMO Ant 0 Tune up	MIMO Ant 1 Tune up	MIMO Ant 0+1 Max Tune up
802.11a	52	5260	14.5	14.5			
	56	5280	14.5	14.5			
	60	5300	14.5	14.5			
	64	5320	14.5	14.5			
802.11n HT20	52	5260	14.5	14.5	14.5	14.5	17.5
	56	5280	14.5	14.5	14.5	14.5	17.5
	60	5300	14.5	14.5	14.5	14.5	17.5
	64	5320	14.5	14.5	14.5	14.5	17.5
802.11ac VHT40	54	5270	14.5	14.5	14.5	14.5	17.5
	62	5310	14.5	14.5	14.5	14.5	17.5
802.11ac VHT80	58	5290	14.5	14.5	14.5	14.5	17.5
802.11ac VHT160	50	5250	14.5	14.5	14.5	14.5	17.5
802.11ax HE20	52	5260	14.5	14.5	14.5	14.5	17.5
	56	5280	14.5	14.5	14.5	14.5	17.5
	60	5300	14.5	14.5	14.5	14.5	17.5
	64	5320	14.5	14.5	14.5	14.5	17.5
802.11ax HE40	54	5270	14.5	14.5	14.5	14.5	17.5
	62	5310	14.5	14.5	14.5	14.5	17.5
802.11ax HE80	58	5290	14.5	14.5	14.5	14.5	17.5
802.11ax HE160	50	5250	14.5	14.5	14.5	14.5	17.5

WLAN Tune-up Power (Tablet Reduction)							
WLAN 5.6GHz							
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up	MIMO Ant 0 Tune up	MIMO Ant 1 Tune up	MIMO Ant 0+1 Max Tune up
802.11a	100	5500	13.0	13.0			
	116	5580	13.0	13.0			
	120	5600	13.0	13.0			
	124	5620	13.0	13.0			
	132	5660	13.0	13.0			
	140	5700	13.0	13.0			
802.11n HT20	100	5500	13.0	13.0	13.0	13.0	16.0
	116	5580	13.0	13.0	13.0	13.0	16.0
	120	5600	13.0	13.0	13.0	13.0	16.0
	124	5620	13.0	13.0	13.0	13.0	16.0
	132	5660	13.0	13.0	13.0	13.0	16.0
	140	5700	13.0	13.0	13.0	13.0	16.0
	144	5720	13.0	13.0	13.0	13.0	16.0
802.11n HT40	102	5510	13.0	13.0	13.0	13.0	16.0
	110	5550	13.0	13.0	13.0	13.0	16.0
	118	5590	13.0	13.0	13.0	13.0	16.0
	126	5630	13.0	13.0	13.0	13.0	16.0
	134	5670	13.0	13.0	13.0	13.0	16.0
	142	5710	13.0	13.0	13.0	13.0	16.0
802.11ac VHT80	106	5530	13.0	13.0	13.0	13.0	16.0
	122	5610	13.0	13.0	13.0	13.0	16.0
	138	5690	13.0	13.0	13.0	13.0	16.0
802.11ac VHT160	114	5570	13.0	13.0	13.0	13.0	16.0
802.11ax HE20	100	5500	13.0	13.0	13.0	13.0	16.0
	116	5580	13.0	13.0	13.0	13.0	16.0
	120	5600	13.0	13.0	13.0	13.0	16.0
	124	5620	13.0	13.0	13.0	13.0	16.0
	132	5660	13.0	13.0	13.0	13.0	16.0
	140	5700	13.0	13.0	13.0	13.0	16.0
	144	5720	13.0	13.0	13.0	13.0	16.0
802.11ax HE40	102	5510	13.0	13.0	13.0	13.0	16.0
	110	5550	13.0	13.0	13.0	13.0	16.0
	118	5590	13.0	13.0	13.0	13.0	16.0
	126	5630	13.0	13.0	13.0	13.0	16.0
	134	5670	13.0	13.0	13.0	13.0	16.0
	142	5710	13.0	13.0	13.0	13.0	16.0
802.11ax HE80	106	5530	13.0	13.0	13.0	13.0	16.0
	122	5610	13.0	13.0	13.0	13.0	16.0
	138	5690	13.0	13.0	13.0	13.0	16.0
802.11ax HE160	114	5570	13.0	13.0	13.0	13.0	16.0

WLAN Tune-up Power (Tablet Reduction)							
WLAN 5.8GHz							
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up	MIMO Ant 0 Tune up	MIMO Ant 1 Tune up	MIMO Ant 0+1 Max Tune up
802.11a	149	5745	13.0	13.0	13.0	13.0	16.0
	153	5765	13.0	13.0	13.0	13.0	16.0
	157	5785	13.0	13.0	13.0	13.0	16.0
	161	5805	13.0	13.0	13.0	13.0	16.0
	165	5825	13.0	13.0	13.0	13.0	16.0
802.11n HT20	149	5745	13.0	13.0	13.0	13.0	16.0
	153	5765	13.0	13.0	13.0	13.0	16.0
	157	5785	13.0	13.0	13.0	13.0	16.0
	161	5805	13.0	13.0	13.0	13.0	16.0
	165	5825	13.0	13.0	13.0	13.0	16.0
802.11n HT40	151	5755	13.0	13.0	13.0	13.0	16.0
	159	5795	13.0	13.0	13.0	13.0	16.0
802.11ac VHT80	155	5775	13.0	13.0	13.0	13.0	16.0
802.11ax HE20	149	5745	13.0	13.0	13.0	13.0	16.0
	153	5765	13.0	13.0	13.0	13.0	16.0
	157	5785	13.0	13.0	13.0	13.0	16.0
	161	5805	13.0	13.0	13.0	13.0	16.0
	165	5825	13.0	13.0	13.0	13.0	16.0
802.11ax HE40	151	5755	13.0	13.0	13.0	13.0	16.0
	159	5795	13.0	13.0	13.0	13.0	16.0
802.11ax HE80	155	5775	13.0	13.0	13.0	13.0	16.0

Annex E. Measured Conducted Power Result

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

WCDMA Conducted Power (P-Sensor OFF)									
Band	WCDMA II			WCDMA IV			WCDMA V		
TX Channel	9262	9400	9538	1312	1413	1513	4132	4182	4233
Rx Channel	9662	9800	9938	1537	1638	1738	4357	4407	4458
Frequency	1852.4	1880	1907.6	1712.4	1732.6	1752.6	826.4	836.4	846.6
RMC 12.2K	23.85	23.66	23.78	24.22	24.14	23.75	24.02	24.18	23.93
HSDPA Subtest-1	23.12	22.77	23.03	23.20	23.10	22.83	23.06	23.24	22.86
HSDPA Subtest-2	23.18	22.77	23.05	23.23	23.09	22.83	23.10	23.25	22.93
HSDPA Subtest-3	22.66	22.27	22.54	22.69	22.62	22.35	22.62	22.75	22.41
HSDPA Subtest-4	22.63	22.34	22.55	22.67	22.57	22.36	22.52	22.72	22.38
DC-HSDPA Subtest-1	23.12	22.78	23.03	23.20	23.09	22.83	23.07	23.24	22.86
DC-HSDPA Subtest-2	23.18	22.71	23.05	23.23	23.10	22.83	23.10	23.25	22.93
DC-HSDPA Subtest-3	22.65	22.27	22.54	22.70	22.62	22.35	22.62	22.75	22.42
DC-HSDPA Subtest-4	22.63	22.34	22.55	22.67	22.57	22.36	22.52	22.72	22.38
HSUPA Subtest-1	23.09	22.78	23.01	23.21	23.10	22.82	23.04	23.20	22.89
HSUPA Subtest-2	20.98	20.77	20.99	21.18	21.06	20.85	21.00	21.22	20.88
HSUPA Subtest-3	21.99	21.79	21.96	22.20	22.09	21.79	22.08	22.25	21.87
HSUPA Subtest-4	20.97	20.78	21.00	21.12	21.08	20.83	21.09	21.21	20.93
HSUPA Subtest-5	23.10	22.80	23.00	23.20	23.10	22.80	23.10	23.30	22.90

LTE Conducted Power (P-Sensor OFF)							
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	23.72	23.63	23.78	0
		1	50	23.56	23.46	23.66	0
		1	99	23.54	23.44	23.64	0
		50	0	22.71	22.61	22.81	1
		50	25	22.63	22.53	22.73	1
		50	50	22.54	22.44	22.64	1
		100	0	22.67	22.57	22.77	1
20M	16QAM	1	0	23.02	22.92	23.12	1
		1	50	22.93	22.83	23.03	1
		1	99	22.88	22.78	22.98	1
		50	0	21.81	21.71	21.91	2
		50	25	21.74	21.64	21.84	2
		50	50	21.68	21.58	21.78	2
		100	0	21.72	21.62	21.82	2
20M	64QAM	1	0	21.95	21.85	22.05	2
		1	50	21.91	21.81	22.01	2
		1	99	21.80	21.70	21.90	2
		50	0	20.78	20.68	20.88	3
		50	25	20.76	20.66	20.86	3
		50	50	20.67	20.57	20.77	3
		100	0	20.71	20.61	20.81	3
BW	MCS Index	Channel		18675	18900	19125	3GPP MPR
		Frequency (MHz)		1857.5	1880	1902.5	
15M	QPSK	1	0	23.70	23.54	23.71	0
		1	37	23.48	23.41	23.58	0
		1	74	23.53	23.36	23.62	0
		36	0	22.68	22.60	22.80	1
		36	19	22.54	22.50	22.67	1
		36	39	22.54	22.40	22.62	1
		75	0	22.58	22.56	22.71	1
15M	16QAM	1	0	23.00	22.92	23.05	1
		1	37	22.84	22.81	22.98	1
		1	74	22.84	22.71	22.96	1
		36	0	21.75	21.66	21.89	2
		36	19	21.67	21.60	21.77	2
		36	39	21.62	21.57	21.76	2
		75	0	21.62	21.61	21.72	2
15M	64QAM	1	0	21.94	21.84	21.95	2
		1	37	21.90	21.75	21.99	2
		1	74	21.71	21.63	21.82	2
		36	0	20.72	20.59	20.86	3
		36	19	20.74	20.63	20.76	3
		36	39	20.65	20.53	20.70	3
		75	0	20.70	20.59	20.80	3

LTE Conducted Power (P-Sensor OFF)							
LTE Band 2							
BW	MCS Index	Channel		18650	18900	19150	3GPP MPR
		Frequency (MHz)		1855	1880	1905	
10M	QPSK	1	0	23.59	23.46	23.67	0
		1	24	23.35	23.34	23.57	0
		1	49	23.49	23.31	23.57	0
		25	0	22.67	22.49	22.69	1
		25	12	22.55	22.37	22.52	1
		25	25	22.44	22.26	22.59	1
		50	0	22.53	22.50	22.64	1
10M	16QAM	1	0	22.80	22.86	22.91	1
		1	24	22.91	22.76	22.86	1
		1	49	22.83	22.73	22.78	1
		25	0	21.70	21.67	21.80	2
		25	12	21.66	21.59	21.75	2
		25	25	21.53	21.44	21.73	2
		50	0	21.65	21.44	21.71	2
10M	64QAM	1	0	21.79	21.71	22.04	2
		1	24	21.68	21.61	21.88	2
		1	49	21.71	21.52	21.85	2
		25	0	20.71	20.66	20.79	3
		25	12	20.61	20.48	20.69	3
		25	25	20.45	20.36	20.71	3
		50	0	20.67	20.42	20.72	3
BW	MCS Index	Channel		18625	18900	19175	3GPP MPR
		Frequency (MHz)		1852.5	1880	1907.5	
5M	QPSK	1	0	23.62	23.53	23.56	0
		1	12	23.37	23.38	23.51	0
		1	24	23.37	23.37	23.45	0
		12	0	22.67	22.56	22.68	1
		12	6	22.53	22.39	22.48	1
		12	13	22.46	22.43	22.53	1
		25	0	22.63	22.50	22.49	1
5M	16QAM	1	0	22.85	22.79	23.08	1
		1	12	22.76	22.65	22.90	1
		1	24	22.80	22.68	22.83	1
		12	0	21.69	21.49	21.82	2
		12	6	21.64	21.52	21.70	2
		12	13	21.56	21.48	21.59	2
		25	0	21.56	21.51	21.66	2
5M	64QAM	1	0	21.83	21.68	21.93	2
		1	12	21.76	21.62	21.98	2
		1	24	21.64	21.62	21.83	2
		12	0	20.57	20.48	20.83	3
		12	6	20.53	20.46	20.71	3
		12	13	20.51	20.43	20.74	3
		25	0	20.71	20.48	20.78	3

LTE Conducted Power (P-Sensor OFF)							
LTE Band 2							
BW	MCS Index	Channel		18615	18900	19185	3GPP MPR
		Frequency (MHz)		1851.5	1880	1908.5	
3M	QPSK	1	0	23.58	23.50	23.69	0
		1	7	23.47	23.32	23.45	0
		1	14	23.53	23.29	23.53	0
		8	0	22.56	22.59	22.69	1
		8	3	22.48	22.38	22.59	1
		8	7	22.51	22.33	22.53	1
		15	0	22.48	22.34	22.65	1
3M	16QAM	1	0	22.82	22.90	23.00	1
		1	7	22.78	22.63	22.98	1
		1	14	22.81	22.75	22.85	1
		8	0	21.70	21.68	21.70	2
		8	3	21.68	21.47	21.64	2
		8	7	21.49	21.44	21.72	2
		15	0	21.57	21.46	21.64	2
3M	64QAM	1	0	21.79	21.67	21.96	2
		1	7	21.74	21.57	21.84	2
		1	14	21.61	21.56	21.70	2
		8	0	20.69	20.47	20.75	3
		8	3	20.59	20.54	20.73	3
		8	7	20.46	20.42	20.60	3
		15	0	20.61	20.47	20.70	3
BW	MCS Index	Channel		18607	18900	19193	3GPP MPR
		Frequency (MHz)		1850.7	1880	1909.3	
1.4M	QPSK	1	0	23.50	23.47	23.74	0
		1	2	23.38	23.26	23.51	0
		1	5	23.46	23.29	23.44	0
		3	0	23.69	23.48	23.67	0
		3	1	23.47	23.43	23.58	0
		3	3	23.43	23.40	23.48	0
		6	0	22.60	22.46	22.65	1
1.4M	16QAM	1	0	22.87	22.75	22.95	1
		1	2	22.83	22.61	22.91	1
		1	5	22.75	22.61	22.79	1
		3	0	22.75	22.63	22.80	1
		3	1	22.60	22.54	22.67	1
		3	3	22.56	22.39	22.66	1
		6	0	21.59	21.45	21.71	2
1.4M	64QAM	1	0	21.92	21.78	21.90	2
		1	2	21.88	21.65	21.83	2
		1	5	21.72	21.51	21.68	2
		3	0	21.53	21.50	21.71	2
		3	1	21.54	21.63	21.65	2
		3	3	21.55	21.43	21.59	2
		6	0	20.56	20.56	20.76	3

LTE Conducted Power (P-Sensor OFF)							
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	23.78	23.53	23.67	0
		1	50	23.62	23.37	23.49	0
		1	99	23.57	23.32	23.44	0
		50	0	22.73	22.48	22.60	1
		50	25	22.72	22.47	22.59	1
		50	50	22.63	22.38	22.50	1
		100	0	22.71	22.46	22.58	1
20M	16QAM	1	0	22.99	22.74	22.86	1
		1	50	22.95	22.70	22.82	1
		1	99	22.93	22.68	22.80	1
		50	0	22.04	21.79	21.91	2
		50	25	21.90	21.65	21.77	2
		50	50	21.86	21.61	21.73	2
		100	0	21.88	21.63	21.75	2
20M	64QAM	1	0	22.11	21.86	21.98	2
		1	50	21.96	21.71	21.83	2
		1	99	21.89	21.64	21.76	2
		50	0	20.99	20.74	20.86	3
		50	25	20.96	20.71	20.83	3
		50	50	20.88	20.63	20.75	3
		100	0	20.91	20.66	20.78	3
BW	MCS Index	Channel		20025	20175	20325	3GPP MPR
		Frequency (MHz)		1717.5	1732.5	1747.5	
15M	QPSK	1	0	23.78	23.48	23.62	0
		1	37	23.59	23.30	23.41	0
		1	74	23.48	23.31	23.37	0
		36	0	22.67	22.43	22.52	1
		36	19	22.64	22.44	22.55	1
		36	39	22.62	22.29	22.46	1
		75	0	22.61	22.45	22.48	1
15M	16QAM	1	0	22.94	22.69	22.83	1
		1	37	22.93	22.63	22.73	1
		1	74	22.90	22.59	22.72	1
		36	0	21.98	21.71	21.83	2
		36	19	21.85	21.56	21.70	2
		36	39	21.86	21.58	21.71	2
		75	0	21.83	21.57	21.66	2
15M	64QAM	1	0	22.04	21.84	21.93	2
		1	37	21.95	21.64	21.79	2
		1	74	21.80	21.57	21.76	2
		36	0	20.89	20.72	20.83	3
		36	19	20.88	20.63	20.82	3
		36	39	20.83	20.56	20.68	3
		75	0	20.86	20.65	20.76	3

LTE Conducted Power (P-Sensor OFF)							
LTE Band 4							
BW	MCS Index	Channel		20000	20175	20350	3GPP MPR
		Frequency (MHz)		1715	1732.5	1750	
10M	QPSK	1	0	23.75	23.50	23.50	0
		1	24	23.44	23.32	23.46	0
		1	49	23.44	23.19	23.29	0
		25	0	22.58	22.40	22.40	1
		25	12	22.66	22.40	22.55	1
		25	25	22.52	22.35	22.31	1
		50	0	22.58	22.33	22.40	1
10M	16QAM	1	0	22.91	22.60	22.70	1
		1	24	22.89	22.58	22.63	1
		1	49	22.91	22.46	22.76	1
		25	0	21.90	21.66	21.75	2
		25	12	21.68	21.43	21.56	2
		25	25	21.80	21.36	21.59	2
		50	0	21.77	21.54	21.73	2
10M	64QAM	1	0	22.06	21.73	21.91	2
		1	24	21.87	21.53	21.72	2
		1	49	21.80	21.58	21.56	2
		25	0	20.80	20.67	20.65	3
		25	12	20.84	20.64	20.69	3
		25	25	20.80	20.48	20.59	3
		50	0	20.76	20.52	20.59	3
BW	MCS Index	Channel		19975	20175	20375	3GPP MPR
		Frequency (MHz)		1712.5	1732.5	1752.5	
5M	QPSK	1	0	23.63	23.32	23.38	0
		1	12	23.56	23.35	23.36	0
		1	24	23.49	23.28	23.34	0
		12	0	22.63	22.24	22.30	1
		12	6	22.59	22.38	22.40	1
		12	13	22.53	22.32	22.43	1
		25	0	22.66	22.40	22.43	1
5M	16QAM	1	0	22.80	22.65	22.73	1
		1	12	22.91	22.67	22.65	1
		1	24	22.89	22.56	22.72	1
		12	0	21.87	21.67	21.88	2
		12	6	21.81	21.43	21.61	2
		12	13	21.80	21.46	21.66	2
		25	0	21.83	21.52	21.66	2
5M	64QAM	1	0	21.95	21.74	21.82	2
		1	12	21.78	21.64	21.64	2
		1	24	21.75	21.53	21.64	2
		12	0	20.85	20.65	20.81	3
		12	6	20.87	20.56	20.75	3
		12	13	20.83	20.49	20.62	3
		25	0	20.87	20.58	20.55	3

LTE Conducted Power (P-Sensor OFF)							
LTE Band 4							
BW	MCS Index	Channel		19965	20175	20385	3GPP MPR
		Frequency (MHz)		1711.5	1732.5	1753.5	
3M	QPSK	1	0	23.65	23.53	23.53	0
		1	7	23.52	23.21	23.39	0
		1	14	23.42	23.17	23.42	0
		8	0	22.66	22.30	22.50	1
		8	3	22.53	22.37	22.55	1
		8	7	22.46	22.14	22.31	1
		15	0	22.51	22.33	22.40	1
3M	16QAM	1	0	22.82	22.61	22.64	1
		1	7	22.81	22.49	22.68	1
		1	14	22.83	22.55	22.71	1
		8	0	21.95	21.70	21.73	2
		8	3	21.85	21.60	21.62	2
		8	7	21.68	21.53	21.69	2
		15	0	21.68	21.45	21.58	2
3M	64QAM	1	0	22.02	21.72	21.91	2
		1	7	21.82	21.57	21.66	2
		1	14	21.76	21.45	21.67	2
		8	0	20.83	20.61	20.73	3
		8	3	20.84	20.66	20.76	3
		8	7	20.79	20.50	20.63	3
		15	0	20.80	20.46	20.69	3
BW	MCS Index	Channel		19957	20175	20393	3GPP MPR
		Frequency (MHz)		1710.7	1732.5	1754.3	
1.4M	QPSK	1	0	23.60	23.41	23.62	0
		1	2	23.51	23.25	23.33	0
		1	5	23.48	23.20	23.34	0
		3	0	23.53	23.36	23.50	0
		3	1	23.50	23.31	23.53	0
		3	3	23.47	23.31	23.37	0
		6	0	22.55	22.26	22.42	1
1.4M	16QAM	1	0	22.83	22.52	22.76	1
		1	2	22.78	22.64	22.80	1
		1	5	22.78	22.56	22.72	1
		3	0	22.95	22.66	22.71	1
		3	1	22.79	22.46	22.64	1
		3	3	22.76	22.41	22.60	1
		6	0	21.72	21.49	21.71	2
1.4M	64QAM	1	0	22.06	21.64	21.91	2
		1	2	21.86	21.70	21.77	2
		1	5	21.87	21.58	21.61	2
		3	0	21.81	21.52	21.69	2
		3	1	21.88	21.61	21.60	2
		3	3	21.74	21.51	21.59	2
		6	0	20.80	20.52	20.64	3

LTE Conducted Power (P-Sensor OFF)							
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	23.60	23.69	23.65	0
		1	24	23.51	23.68	23.55	0
		1	49	23.41	23.58	23.45	0
		25	0	22.56	22.73	22.60	1
		25	12	22.54	22.71	22.58	1
		25	25	22.45	22.62	22.49	1
		50	0	22.45	22.62	22.49	1
10M	16QAM	1	0	22.90	23.07	22.94	1
		1	24	22.83	23.00	22.87	1
		1	49	22.73	22.90	22.77	1
		25	0	21.66	21.83	21.70	2
		25	12	21.61	21.78	21.65	2
		25	25	21.59	21.76	21.63	2
		50	0	21.61	21.78	21.65	2
10M	64QAM	1	0	21.80	21.97	21.84	2
		1	24	21.78	21.95	21.82	2
		1	49	21.68	21.85	21.72	2
		25	0	20.70	20.87	20.74	3
		25	12	20.63	20.80	20.67	3
		25	25	20.58	20.75	20.62	3
		50	0	20.58	20.75	20.62	3
BW	MCS Index	Channel		20425	20525	20625	3GPP MPR
		Frequency (MHz)		826.5	836.5	846.5	
5M	QPSK	1	0	23.40	23.69	23.53	0
		1	12	23.39	23.45	23.54	0
		1	24	23.16	23.40	23.23	0
		12	0	22.38	22.59	22.43	1
		12	6	22.39	22.59	22.43	1
		12	13	22.27	22.41	22.25	1
		25	0	22.35	22.55	22.19	1
5M	16QAM	1	0	22.78	22.88	22.69	1
		1	12	22.65	23.00	22.76	1
		1	24	22.72	22.74	22.65	1
		12	0	21.46	21.81	21.57	2
		12	6	21.57	21.71	21.53	2
		12	13	21.47	21.75	21.56	2
		25	0	21.51	21.65	21.53	2
5M	64QAM	1	0	21.65	21.86	21.69	2
		1	12	21.76	21.85	21.76	2
		1	24	21.51	21.78	21.64	2
		12	0	20.60	20.78	20.63	3
		12	6	20.39	20.64	20.53	3
		12	13	20.43	20.55	20.40	3
		25	0	20.46	20.67	20.49	3

LTE Conducted Power (P-Sensor OFF)							
LTE Band 5							
BW	MCS Index	Channel		20415	20525	20635	3GPP MPR
		Frequency (MHz)		825.5	836.5	847.5	
3M	QPSK	1	0	23.38	23.62	23.62	0
		1	7	23.38	23.59	23.41	0
		1	14	23.30	23.41	23.32	0
		8	0	22.36	22.70	22.53	1
		8	3	22.47	22.61	22.46	1
		8	7	22.35	22.45	22.28	1
		15	0	22.36	22.48	22.41	1
3M	16QAM	1	0	22.81	23.00	22.90	1
		1	7	22.80	22.77	22.70	1
		1	14	22.61	22.70	22.58	1
		8	0	21.61	21.64	21.56	2
		8	3	21.55	21.57	21.48	2
		8	7	21.43	21.63	21.57	2
		15	0	21.40	21.55	21.52	2
3M	64QAM	1	0	21.59	21.83	21.71	2
		1	7	21.73	21.78	21.70	2
		1	14	21.55	21.73	21.57	2
		8	0	20.60	20.75	20.63	3
		8	3	20.55	20.64	20.56	3
		8	7	20.50	20.53	20.41	3
		15	0	20.39	20.66	20.45	3
BW	MCS Index	Channel		20407	20525	20643	3GPP MPR
		Frequency (MHz)		824.7	836.5	848.3	
1.4M	QPSK	1	0	23.45	23.61	23.50	0
		1	2	23.36	23.51	23.41	0
		1	5	23.18	23.46	23.33	0
		3	0	23.46	23.66	23.44	0
		3	1	23.41	23.66	23.47	0
		3	3	23.33	23.38	23.43	0
		6	0	22.35	22.47	22.36	1
1.4M	16QAM	1	0	22.81	23.03	22.81	1
		1	2	22.74	22.88	22.74	1
		1	5	22.61	22.78	22.58	1
		3	0	22.61	22.75	22.51	1
		3	1	22.39	22.63	22.55	1
		3	3	22.44	22.68	22.53	1
		6	0	21.49	21.57	21.54	2
1.4M	64QAM	1	0	21.70	21.96	21.63	2
		1	2	21.58	21.80	21.72	2
		1	5	21.52	21.69	21.60	2
		3	0	21.58	21.77	21.59	2
		3	1	21.40	21.70	21.49	2
		3	3	21.36	21.64	21.53	2
		6	0	20.51	20.56	20.45	3

LTE Conducted Power (P-Sensor OFF)							
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	24.09	24.19	24.22	0
		1	50	24.00	24.11	24.20	0
		1	99	23.85	23.96	24.05	0
		50	0	23.06	23.17	23.26	1
		50	25	23.04	23.15	23.24	1
		50	50	22.97	23.08	23.17	1
		100	0	22.94	23.05	23.14	1
20M	16QAM	1	0	23.22	23.33	23.42	1
		1	50	23.12	23.23	23.32	1
		1	99	23.10	23.21	23.30	1
		50	0	22.21	22.32	22.41	2
		50	25	22.20	22.31	22.40	2
		50	50	22.07	22.18	22.27	2
		100	0	22.09	22.20	22.29	2
20M	64QAM	1	0	22.38	22.49	22.58	2
		1	50	22.26	22.37	22.46	2
		1	99	22.09	22.20	22.29	2
		50	0	21.14	21.25	21.34	3
		50	25	21.13	21.24	21.33	3
		50	50	21.07	21.18	21.27	3
		100	0	21.03	21.14	21.23	3
BW	MCS Index	Channel		20825	21100	21375	3GPP MPR
		Frequency (MHz)		2507.5	2535	2562.5	
15M	QPSK	1	0	24.06	24.16	24.17	0
		1	37	23.98	24.04	24.20	0
		1	74	23.79	23.88	23.97	0
		36	0	23.05	23.07	23.17	1
		36	19	22.97	23.08	23.18	1
		36	39	22.89	23.07	23.13	1
		75	0	22.93	22.98	23.12	1
15M	16QAM	1	0	23.12	23.27	23.41	1
		1	37	23.08	23.23	23.30	1
		1	74	23.09	23.19	23.27	1
		36	0	22.13	22.23	22.36	2
		36	19	22.11	22.25	22.35	2
		36	39	21.98	22.17	22.26	2
		75	0	22.00	22.10	22.28	2
15M	64QAM	1	0	22.35	22.47	22.56	2
		1	37	22.24	22.32	22.38	2
		1	74	22.06	22.16	22.19	2
		36	0	21.11	21.15	21.28	3
		36	19	21.03	21.24	21.25	3
		36	39	21.00	21.11	21.21	3
		75	0	21.00	21.13	21.20	3

LTE Conducted Power (P-Sensor OFF)							
LTE Band 7							
BW	MCS Index	Channel		20800	21100	21400	3GPP MPR
		Frequency (MHz)		2505	2535	2565	
10M	QPSK	1	0	23.94	24.15	24.08	0
		1	24	23.86	23.99	24.11	0
		1	49	23.78	23.88	23.95	0
		25	0	22.97	23.07	23.05	1
		25	12	22.87	23.06	23.02	1
		25	25	22.90	22.96	23.06	1
		50	0	22.85	22.97	23.04	1
10M	16QAM	1	0	22.98	23.32	23.34	1
		1	24	22.98	23.05	23.25	1
		1	49	22.94	23.09	23.24	1
		25	0	22.18	22.20	22.29	2
		25	12	22.19	22.28	22.22	2
		25	25	22.00	22.01	22.23	2
		50	0	22.02	21.97	22.14	2
10M	64QAM	1	0	22.30	22.32	22.48	2
		1	24	22.07	22.26	22.33	2
		1	49	21.89	22.04	22.10	2
		25	0	20.97	21.05	21.12	3
		25	12	21.08	21.09	21.28	3
		25	25	20.96	20.99	21.11	3
		50	0	20.90	21.05	21.04	3
BW	MCS Index	Channel		20775	21100	21425	3GPP MPR
		Frequency (MHz)		2502.5	2535	2567.5	
5M	QPSK	1	0	24.02	24.03	24.07	0
		1	12	23.87	23.94	24.01	0
		1	24	23.73	23.77	23.87	0
		12	0	23.00	23.07	23.17	1
		12	6	22.94	22.98	22.95	1
		12	13	22.87	23.05	23.05	1
		25	0	22.75	23.00	22.93	1
5M	16QAM	1	0	23.14	23.17	23.26	1
		1	12	23.10	23.00	23.15	1
		1	24	22.99	23.02	23.16	1
		12	0	22.13	22.18	22.30	2
		12	6	21.98	22.17	22.23	2
		12	13	22.06	21.96	22.14	2
		25	0	22.07	22.14	22.23	2
5M	64QAM	1	0	22.24	22.29	22.44	2
		1	12	22.13	22.13	22.45	2
		1	24	22.03	22.07	22.17	2
		12	0	20.94	21.00	21.16	3
		12	6	20.90	21.08	21.27	3
		12	13	20.90	20.98	21.20	3
		25	0	20.90	20.95	21.10	3

LTE Conducted Power (P-Sensor OFF)							
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	23.78	23.72	23.66	0
		1	24	23.66	23.56	23.36	0
		1	49	23.63	23.53	23.33	0
		25	0	22.81	22.71	22.51	1
		25	12	22.75	22.65	22.45	1
		25	25	22.66	22.56	22.36	1
		50	0	22.73	22.63	22.43	1
10M	16QAM	1	0	23.17	23.07	22.87	1
		1	24	23.01	22.91	22.71	1
		1	49	22.96	22.86	22.66	1
		25	0	21.96	21.86	21.66	2
		25	12	21.88	21.78	21.58	2
		25	25	21.74	21.64	21.44	2
		50	0	21.80	21.70	21.50	2
10M	64QAM	1	0	22.08	21.98	21.78	2
		1	24	21.89	21.79	21.59	2
		1	49	21.88	21.78	21.58	2
		25	0	20.91	20.81	20.61	3
		25	12	20.82	20.72	20.52	3
		25	25	20.80	20.70	20.50	3
		50	0	20.84	20.74	20.54	3
BW	MCS Index	Channel		23035	23095	23155	3GPP MPR
		Frequency (MHz)		701.5	707.5	713.5	
5M	QPSK	1	0	23.56	23.53	23.41	0
		1	12	23.49	23.45	23.12	0
		1	24	23.58	23.44	23.05	0
		12	0	22.71	22.52	22.41	1
		12	6	22.64	22.60	22.38	1
		12	13	22.52	22.47	22.02	1
		25	0	22.52	22.52	22.27	1
5M	16QAM	1	0	23.03	22.93	22.65	1
		1	12	22.85	22.71	22.56	1
		1	24	22.84	22.70	22.52	1
		12	0	21.92	21.61	21.48	2
		12	6	21.74	21.68	21.57	2
		12	13	21.58	21.43	21.34	2
		25	0	21.66	21.50	21.42	2
5M	64QAM	1	0	22.04	21.84	21.59	2
		1	12	21.73	21.63	21.56	2
		1	24	21.77	21.65	21.52	2
		12	0	20.82	20.61	20.55	3
		12	6	20.64	20.57	20.32	3
		12	13	20.72	20.65	20.34	3
		25	0	20.81	20.53	20.36	3

LTE Conducted Power (P-Sensor OFF)							
LTE Band 12							
BW	MCS Index	Channel		23025	23095	23165	3GPP MPR
		Frequency (MHz)		700.5	707.5	714.5	
3M	QPSK	1	0	23.56	23.49	23.51	0
		1	7	23.55	23.54	23.21	0
		1	14	23.57	23.41	23.32	0
		8	0	22.80	22.56	22.40	1
		8	3	22.66	22.51	22.30	1
		8	7	22.51	22.42	22.29	1
		15	0	22.54	22.48	22.33	1
3M	16QAM	1	0	23.13	22.89	22.77	1
		1	7	22.98	22.81	22.64	1
		1	14	22.79	22.71	22.51	1
		8	0	21.75	21.70	21.58	2
		8	3	21.76	21.62	21.44	2
		8	7	21.71	21.54	21.36	2
		15	0	21.64	21.55	21.41	2
3M	64QAM	1	0	21.96	21.88	21.57	2
		1	7	21.67	21.60	21.46	2
		1	14	21.69	21.77	21.45	2
		8	0	20.79	20.61	20.50	3
		8	3	20.59	20.70	20.38	3
		8	7	20.79	20.59	20.36	3
		15	0	20.80	20.61	20.30	3
BW	MCS Index	Channel		23017	23095	23173	3GPP MPR
		Frequency (MHz)		699.7	707.5	715.3	
1.4M	QPSK	1	0	23.71	23.70	23.43	0
		1	2	23.54	23.40	23.13	0
		1	5	23.59	23.51	23.21	0
		3	0	23.65	23.57	23.34	0
		3	1	23.70	23.51	23.32	0
		3	3	23.50	23.41	23.27	0
		6	0	22.55	22.54	22.32	1
1.4M	16QAM	1	0	22.96	22.91	22.78	1
		1	2	22.88	22.75	22.61	1
		1	5	22.75	22.63	22.58	1
		3	0	22.77	22.70	22.50	1
		3	1	22.74	22.69	22.47	1
		3	3	22.67	22.58	22.34	1
		6	0	21.57	21.54	21.44	2
1.4M	64QAM	1	0	21.92	21.92	21.67	2
		1	2	21.79	21.62	21.53	2
		1	5	21.81	21.58	21.42	2
		3	0	21.73	21.66	21.42	2
		3	1	21.73	21.62	21.47	2
		3	3	21.64	21.62	21.42	2
		6	0	20.72	20.61	20.48	3

LTE Conducted Power (P-Sensor OFF)							
LTE Band 13							
BW	MCS Index	RB Size	RB Offset		Mid		3GPP MPR (dB)
		Channel			23230		
		Frequency (MHz)			782		
10M	QPSK	1	0		23.83		0
		1	24		23.76		0
		1	49		23.73		0
		25	0		22.93		1
		25	12		22.87		1
		25	25		22.78		1
		50	0		22.8		1
10M	16QAM	1	0		23.10		1
		1	24		23.07		1
		1	49		22.97		1
		25	0		22.95		2
		25	12		22.13		2
		25	25		21.94		2
		50	0		22.01		2
10M	64QAM	1	0		22.13		2
		1	24		22.07		2
		1	49		21.98		2
		25	0		21.11		3
		25	12		21.02		3
		25	25		20.95		3
		50	0		20.99		3
BW	MCS Index	Channel		23205	23230	23255	3GPP MPR
		Frequency (MHz)		779.5	782	784.5	
5M	QPSK	1	0	23.57	23.59	23.52	0
		1	12	23.48	23.65	23.53	0
		1	24	23.62	23.65	23.62	0
		12	0	22.68	22.91	22.63	1
		12	6	22.48	22.70	22.66	1
		12	13	22.60	22.67	22.59	1
		25	0	22.67	22.78	22.70	1
5M	16QAM	1	0	22.55	23.02	22.63	1
		1	12	22.73	22.97	22.59	1
		1	24	22.49	22.88	22.53	1
		12	0	21.66	22.48	21.52	2
		12	6	21.53	22.01	21.51	2
		12	13	21.74	21.78	21.57	2
		25	0	21.66	21.77	21.64	2
5M	64QAM	1	0	21.60	22.08	21.64	2
		1	12	21.49	21.90	21.65	2
		1	24	21.59	21.78	21.48	2
		12	0	20.69	20.86	20.63	3
		12	6	20.48	20.95	20.65	3
		12	13	20.75	20.88	20.48	3
		25	0	20.69	20.89	20.52	3

LTE Conducted Power (P-Sensor OFF)							
LTE Band 14							
BW	MCS Index	RB Size	RB Offset		Mid		3GPP MPR (dB)
		Channel			23330		
		Frequency (MHz)			793		
10M	QPSK	1	0		23.80		0
		1	24		23.62		0
		1	49		23.45		0
		25	0		22.71		1
		25	12		22.65		1
		25	25		22.60		1
		50	0		22.65		1
10M	16QAM	1	0		23.11		1
		1	24		22.97		1
		1	49		22.82		1
		25	0		21.81		2
		25	12		21.76		2
		25	25		21.68		2
		50	0		21.75		2
10M	64QAM	1	0		22.01		2
		1	24		21.92		2
		1	49		21.78		2
		25	0		20.81		3
		25	12		20.77		3
		25	25		20.70		3
		50	0		20.75		3
BW	MCS Index	Channel		23305	23330	23355	3GPP MPR
		Frequency (MHz)		790.5	793	795.5	
5M	QPSK	1	0	23.72	23.63	23.68	0
		1	12	23.69	23.59	23.57	0
		1	24	23.62	23.26	23.70	0
		12	0	22.64	22.57	22.66	1
		12	6	22.71	22.48	22.61	1
		12	13	22.56	22.45	22.55	1
		25	0	22.60	22.52	22.62	1
5M	16QAM	1	0	22.77	23.10	22.57	1
		1	12	22.67	22.76	22.64	1
		1	24	22.73	22.74	22.57	1
		12	0	21.67	21.70	21.76	2
		12	6	21.60	21.66	21.71	2
		12	13	21.67	21.54	21.76	2
		25	0	21.55	21.67	21.57	2
5M	64QAM	1	0	21.69	21.89	21.62	2
		1	12	21.66	21.80	21.71	2
		1	24	21.68	21.63	21.63	2
		12	0	20.71	20.64	20.71	3
		12	6	20.66	20.60	20.55	3
		12	13	20.55	20.61	20.70	3
		25	0	20.55	20.69	20.57	3

LTE Conducted Power (P-Sensor OFF)							
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	23.91	24.01	24.29	0
		1	24	23.89	23.99	24.03	0
		1	49	23.86	23.96	24.26	0
		25	0	22.91	23.01	23.31	1
		25	12	22.90	23.00	23.30	1
		25	25	22.89	22.99	23.29	1
		50	0	23.05	23.15	23.45	1
10M	16QAM	1	0	23.22	23.32	23.62	1
		1	24	23.21	23.31	23.61	1
		1	49	23.11	23.21	23.51	1
		25	0	22.02	22.12	22.42	2
		25	12	22.00	22.10	22.40	2
		25	25	21.98	22.08	22.38	2
		50	0	22.08	22.18	22.48	2
10M	64QAM	1	0	22.19	22.29	22.59	2
		1	24	22.13	22.23	22.53	2
		1	49	21.94	22.04	22.34	2
		25	0	21.09	21.19	21.49	3
		25	12	21.05	21.15	21.45	3
		25	25	21.01	21.11	21.41	3
		50	0	21.15	21.25	21.55	3
BW	MCS Index	Channel		23755	23790	23825	3GPP MPR
		Frequency (MHz)		706.5	710	713.5	
5M	QPSK	1	0	23.89	23.91	23.72	0
		1	12	23.69	23.79	24.16	0
		1	24	23.83	23.77	24.02	0
		12	0	22.86	22.89	23.04	1
		12	6	22.75	22.85	23.23	1
		12	13	22.69	22.87	23.12	1
		25	0	22.91	23.08	23.20	1
5M	16QAM	1	0	22.97	23.20	23.39	1
		1	12	23.10	23.15	23.48	1
		1	24	22.99	23.05	23.46	1
		12	0	21.86	22.07	22.28	2
		12	6	21.85	22.06	22.23	2
		12	13	21.92	21.98	22.30	2
		25	0	21.93	22.03	22.30	2
5M	64QAM	1	0	22.08	22.16	22.34	2
		1	12	21.93	22.18	22.32	2
		1	24	21.76	21.99	22.30	2
		12	0	21.06	21.19	21.37	3
		12	6	20.88	21.06	21.39	3
		12	13	20.94	20.97	21.27	3
		25	0	20.98	21.05	21.42	3

LTE Conducted Power (P-Sensor OFF)							
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	23.56	23.62	23.88	0
		1	50	23.21	23.53	23.74	0
		1	99	23.09	23.41	23.62	0
		50	0	22.35	22.67	22.88	1
		50	25	22.26	22.58	22.79	1
		50	50	22.21	22.53	22.74	1
		100	0	22.23	22.55	22.76	1
20M	16QAM	1	0	22.62	22.94	23.15	1
		1	50	22.55	22.87	23.08	1
		1	99	22.47	22.79	23.00	1
		50	0	21.38	21.70	21.91	2
		50	25	21.36	21.68	21.89	2
		50	50	21.34	21.66	21.87	2
		100	0	21.33	21.65	21.86	2
20M	64QAM	1	0	21.51	21.83	22.04	2
		1	50	21.40	21.72	21.93	2
		1	99	21.38	21.70	21.91	2
		50	0	20.44	20.76	20.97	3
		50	25	20.34	20.66	20.87	3
		50	50	20.32	20.64	20.85	3
		100	0	20.34	20.66	20.87	3
BW	MCS Index	Channel		26115	26365	26615	3GPP MPR
		Frequency (MHz)		1857.5	1882.5	1907.5	
15M	QPSK	1	0	23.51	23.61	23.83	0
		1	37	23.14	23.53	23.70	0
		1	74	23.01	23.37	23.55	0
		36	0	22.28	22.59	22.83	1
		36	19	22.26	22.57	22.79	1
		36	39	22.20	22.43	22.68	1
		75	0	22.23	22.49	22.74	1
15M	16QAM	1	0	22.59	22.91	23.13	1
		1	37	22.55	22.78	23.06	1
		1	74	22.44	22.73	22.99	1
		36	0	21.34	21.70	21.81	2
		36	19	21.28	21.61	21.84	2
		36	39	21.34	21.65	21.83	2
		75	0	21.27	21.65	21.79	2
15M	64QAM	1	0	21.51	21.73	21.98	2
		1	37	21.30	21.68	21.88	2
		1	74	21.38	21.60	21.83	2
		36	0	20.37	20.70	20.92	3
		36	19	20.24	20.58	20.79	3
		36	39	20.25	20.62	20.84	3
		75	0	20.34	20.58	20.83	3

LTE Conducted Power (P-Sensor OFF)							
LTE Band 25							
BW	MCS Index	Channel		26090	26365	26640	3GPP MPR
		Frequency (MHz)		1855	1882.5	1910	
10M	QPSK	1	0	23.39	23.39	23.75	0
		1	24	23.08	23.42	23.74	0
		1	49	22.97	23.33	23.54	0
		25	0	22.20	22.44	22.74	1
		25	12	22.19	22.48	22.66	1
		25	25	22.09	22.37	22.60	1
		50	0	22.10	22.45	22.71	1
10M	16QAM	1	0	22.52	22.79	23.03	1
		1	24	22.35	22.73	22.94	1
		1	49	22.39	22.63	22.88	1
		25	0	21.29	21.48	21.83	2
		25	12	21.15	21.57	21.73	2
		25	25	21.22	21.62	21.66	2
		50	0	21.28	21.50	21.76	2
10M	64QAM	1	0	21.50	21.63	21.96	2
		1	24	21.30	21.63	21.79	2
		1	49	21.29	21.65	21.71	2
		25	0	20.36	20.63	20.93	3
		25	12	20.18	20.59	20.75	3
		25	25	20.18	20.56	20.74	3
		50	0	20.22	20.57	20.81	3
BW	MCS Index	Channel		26065	26365	26665	3GPP MPR
		Frequency (MHz)		1852.5	1882.5	1912.5	
5M	QPSK	1	0	23.39	23.49	23.56	0
		1	12	23.11	23.40	23.57	0
		1	24	22.94	23.23	23.40	0
		12	0	22.20	22.51	22.76	1
		12	6	22.21	22.37	22.70	1
		12	13	22.07	22.36	22.49	1
		25	0	22.10	22.45	22.63	1
5M	16QAM	1	0	22.60	22.84	23.00	1
		1	12	22.37	22.71	23.03	1
		1	24	22.33	22.63	22.87	1
		12	0	21.22	21.58	21.82	2
		12	6	21.22	21.57	21.74	2
		12	13	21.21	21.56	21.68	2
		25	0	21.11	21.53	21.79	2
5M	64QAM	1	0	21.41	21.74	21.93	2
		1	12	21.30	21.59	21.79	2
		1	24	21.36	21.61	21.72	2
		12	0	20.20	20.63	20.95	3
		12	6	20.29	20.46	20.72	3
		12	13	20.19	20.62	20.79	3
		25	0	20.29	20.52	20.71	3

LTE Conducted Power (P-Sensor OFF)							
LTE Band 25							
BW	MCS Index	Channel		26055	26365	26675	3GPP MPR
		Frequency (MHz)		1851.5	1882.5	1913.5	
3M	QPSK	1	0	23.35	23.53	23.80	0
		1	7	23.07	23.39	23.54	0
		1	14	23.02	23.31	23.51	0
		8	0	22.21	22.54	22.76	1
		8	3	22.13	22.44	22.76	1
		8	7	22.02	22.49	22.57	1
		15	0	22.11	22.33	22.62	1
3M	16QAM	1	0	22.48	22.85	22.97	1
		1	7	22.33	22.80	22.90	1
		1	14	22.42	22.67	22.83	1
		8	0	21.30	21.66	21.77	2
		8	3	21.26	21.55	21.80	2
		8	7	21.15	21.51	21.77	2
		15	0	21.23	21.55	21.70	2
3M	64QAM	1	0	21.31	21.70	21.97	2
		1	7	21.34	21.57	21.82	2
		1	14	21.35	21.64	21.76	2
		8	0	20.34	20.64	20.86	3
		8	3	20.15	20.57	20.76	3
		8	7	20.12	20.58	20.70	3
		15	0	20.14	20.49	20.75	3
BW	MCS Index	Channel		26047	26365	26683	3GPP MPR
		Frequency (MHz)		1850.7	1882.5	1914.3	
1.4M	QPSK	1	0	23.38	23.52	23.81	0
		1	2	23.09	23.40	23.67	0
		1	5	22.96	23.18	23.50	0
		3	0	23.20	23.50	23.84	0
		3	1	23.10	23.47	23.68	0
		3	3	23.09	23.38	23.60	0
		6	0	22.04	22.43	22.65	1
1.4M	16QAM	1	0	22.42	22.83	23.00	1
		1	2	22.50	22.75	22.90	1
		1	5	22.33	22.71	22.86	1
		3	0	22.33	22.56	22.83	1
		3	1	22.20	22.48	22.73	1
		3	3	22.15	22.51	22.71	1
		6	0	21.13	21.54	21.76	2
1.4M	64QAM	1	0	21.36	21.73	21.97	2
		1	2	21.22	21.66	21.86	2
		1	5	21.23	21.50	21.83	2
		3	0	21.33	21.62	21.93	2
		3	1	21.25	21.55	21.67	2
		3	3	21.15	21.44	21.83	2
		6	0	20.15	20.59	20.82	3

LTE Conducted Power (P-Sensor OFF)							
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	23.70	23.78	23.75	0
		1	37	23.61	23.71	23.68	0
		1	74	23.57	23.67	23.64	0
		36	0	22.68	22.78	22.75	1
		36	19	22.65	22.75	22.72	1
		36	39	22.58	22.68	22.65	1
		75	0	22.59	22.69	22.66	1
15M	16QAM	1	0	23.01	23.11	23.08	1
		1	37	22.96	23.06	23.03	1
		1	74	22.88	22.98	22.95	1
		36	0	21.73	21.83	21.80	2
		36	19	21.72	21.82	21.79	2
		36	39	21.69	21.79	21.76	2
		75	0	21.68	21.78	21.75	2
15M	64QAM	1	0	21.99	22.09	22.06	2
		1	37	21.93	22.03	22.00	2
		1	74	21.88	21.98	21.95	2
		36	0	20.80	20.90	20.87	3
		36	19	19.90	20.00	19.97	3
		36	39	20.71	20.81	20.78	3
		75	0	20.69	20.79	20.76	3
BW	MCS Index	Channel		26740	26865	26990	3GPP MPR
		Frequency (MHz)		819	831.5	844	
10M	QPSK	1	0	23.60	23.71	23.67	0
		1	24	23.57	23.52	23.47	0
		1	49	23.50	23.50	23.41	0
		25	0	22.46	22.66	22.68	1
		25	12	22.53	22.71	22.58	1
		25	25	22.44	22.62	22.53	1
		50	0	22.51	22.67	22.58	1
10M	16QAM	1	0	22.90	23.00	22.94	1
		1	24	22.85	22.93	22.94	1
		1	49	22.66	22.79	22.82	1
		25	0	21.54	21.62	21.71	2
		25	12	21.62	21.72	21.57	2
		25	25	21.46	21.63	21.70	2
		50	0	21.64	21.63	21.59	2
10M	64QAM	1	0	21.85	22.01	21.95	2
		1	24	21.83	21.90	21.85	2
		1	49	21.80	21.83	21.92	2
		25	0	20.64	20.80	20.73	3
		25	12	19.76	19.92	19.83	3
		25	25	20.55	20.76	20.63	3
		50	0	20.59	20.70	20.65	3

LTE Conducted Power (P-Sensor OFF)							
LTE Band 26							
BW	MCS Index	Channel		26715	26865	27015	3GPP MPR
		Frequency (MHz)		816.5	831.5	846.5	
5M	QPSK	1	0	23.59	23.59	23.52	0
		1	12	23.48	23.59	23.39	0
		1	24	23.41	23.50	23.43	0
		12	0	22.53	22.74	22.56	1
		12	6	22.58	22.65	22.45	1
		12	13	22.48	22.62	22.51	1
		25	0	22.53	22.58	22.37	1
5M	16QAM	1	0	22.86	22.92	22.98	1
		1	12	22.85	22.89	22.80	1
		1	24	22.72	22.78	22.80	1
		12	0	21.70	21.83	21.62	2
		12	6	21.57	21.79	21.57	2
		12	13	21.60	21.66	21.69	2
		25	0	21.60	21.62	21.61	2
5M	64QAM	1	0	21.80	22.04	21.98	2
		1	12	21.92	21.88	21.82	2
		1	24	21.77	21.89	21.72	2
		12	0	20.57	20.69	20.74	3
		12	6	19.67	19.95	19.86	3
		12	13	20.51	20.69	20.66	3
		25	0	20.53	20.66	20.68	3
BW	MCS Index	Channel		26705	26865	27025	3GPP MPR
		Frequency (MHz)		815.5	831.5	847.5	
3M	QPSK	1	0	23.62	23.58	23.61	0
		1	7	23.43	23.61	23.68	0
		1	14	23.42	23.53	23.54	0
		8	0	22.65	22.73	22.62	1
		8	3	22.58	22.64	22.71	1
		8	7	22.42	22.66	22.50	1
		15	0	22.57	22.55	22.49	1
3M	16QAM	1	0	22.98	23.00	22.95	1
		1	7	22.83	22.93	22.99	1
		1	14	22.82	22.83	22.91	1
		8	0	21.56	21.68	21.72	2
		8	3	21.58	21.82	21.64	2
		8	7	21.64	21.63	21.59	2
		15	0	21.54	21.60	21.58	2
3M	64QAM	1	0	21.88	21.91	22.00	2
		1	7	21.71	21.89	21.80	2
		1	14	21.73	21.75	21.89	2
		8	0	20.60	20.70	20.71	3
		8	3	19.77	19.87	19.83	3
		8	7	20.61	20.72	20.59	3
		15	0	20.62	20.64	20.60	3

LTE Conducted Power (P-Sensor OFF)							
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	23.63	23.73	23.58	0
		1	2	23.52	23.55	23.49	0
		1	5	23.45	23.53	23.53	0
		3	0	23.59	23.56	23.64	0
		3	1	23.52	23.66	23.68	0
		3	3	23.51	23.55	23.53	0
		6	0	22.34	22.54	22.54	1
1.4M	16QAM	1	0	22.79	23.01	23.00	1
		1	2	22.83	22.87	22.87	1
		1	5	22.85	22.81	22.79	1
		3	0	22.64	22.82	22.60	1
		3	1	22.63	22.64	22.65	1
		3	3	22.57	22.66	22.68	1
		6	0	21.48	21.61	21.69	2
1.4M	64QAM	1	0	21.84	21.93	21.90	2
		1	2	21.86	21.97	21.82	2
		1	5	21.76	21.87	21.74	2
		3	0	21.61	21.81	21.70	2
		3	1	20.72	20.91	20.86	2
		3	3	21.57	21.67	21.63	2
		6	0	20.58	20.68	20.64	3

LTE Conducted Power (P-Sensor OFF)							
LTE Band 30							
BW	MCS Index	RB Size	RB Offset		Mid		3GPP MPR (dB)
		Channel			27710		
		Frequency (MHz)			2310		
10M	QPSK	1	0		22.50		0
		1	24		22.42		0
		1	49		22.32		0
		25	0		21.53		1
		25	12		21.49		1
		25	25		21.46		1
		50	0		21.49		1
10M	16QAM	1	0		21.87		1
		1	24		21.71		1
		1	49		21.63		1
		25	0		20.60		2
		25	12		20.59		2
		25	25		20.34		2
		50	0		20.31		2
10M	64QAM	1	0		20.62		2
		1	24		20.44		2
		1	49		20.38		2
		25	0		19.41		3
		25	12		19.38		3
		25	25		19.34		3
		50	0		19.36		3
BW	MCS Index	Channel		27685	27710	27735	3GPP MPR
		Frequency (MHz)		2307.5	2310	2312.5	
5M	QPSK	1	0		22.37		0
		1	12		22.27		0
		1	24		22.15		0
		12	0		21.43		1
		12	6		21.29		1
		12	13		21.33		1
		25	0		21.34		1
5M	16QAM	1	0		21.73		1
		1	12		21.54		1
		1	24		21.49		1
		12	0		20.36		2
		12	6		20.56		2
		12	13		20.26		2
		25	0		20.20		2
5M	64QAM	1	0		20.54		2
		1	12		20.28		2
		1	24		20.32		2
		12	0		19.27		3
		12	6		19.29		3
		12	13		19.26		3
		25	0		19.18		3

LTE Conducted Power (P-Sensor OFF)							
LTE Band 38							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)
		Channel		37850	38000	38150	
		Frequency (MHz)		2580	2595	2610	
20M	QPSK	1	0	24.24	24.30	24.19	0
		1	50	24.02	24.04	23.90	0
		1	99	23.88	23.90	23.76	0
		50	0	23.27	23.29	23.15	1
		50	25	23.13	23.15	23.01	1
		50	50	23.02	23.04	22.90	1
		100	0	23.13	23.15	23.01	1
20M	16QAM	1	0	23.47	23.49	23.35	1
		1	50	23.19	23.21	23.07	1
		1	99	23.07	23.09	22.95	1
		50	0	22.39	22.41	22.27	2
		50	25	22.23	22.25	22.11	2
		50	50	22.13	22.15	22.01	2
		100	0	22.24	22.26	22.12	2
20M	64QAM	1	0	22.06	22.08	21.94	2
		1	50	21.80	21.82	21.68	2
		1	99	21.66	21.68	21.54	2
		50	0	21.35	21.37	21.23	3
		50	25	21.21	21.23	21.09	3
		50	50	21.10	21.12	20.98	3
		100	0	21.23	21.25	21.11	3
BW	MCS Index	Channel		37825	38000	38175	3GPP MPR
		Frequency (MHz)		2577.5	2595	2612.5	
15M	QPSK	1	0	24.21	24.27	24.19	0
		1	37	23.97	24.04	23.90	0
		1	74	23.86	23.81	23.74	0
		36	0	23.20	23.20	23.10	1
		36	19	23.06	23.06	22.91	1
		36	39	23.00	23.03	22.85	1
		75	0	23.12	23.07	22.91	1
15M	16QAM	1	0	23.42	23.46	23.33	1
		1	37	23.19	23.18	23.00	1
		1	74	22.99	23.08	22.87	1
		36	0	22.35	22.33	22.22	2
		36	19	22.19	22.20	22.03	2
		36	39	22.05	22.10	22.01	2
		75	0	22.24	22.26	22.12	2
15M	64QAM	1	0	21.96	22.06	21.92	2
		1	37	21.78	21.73	21.67	2
		1	74	21.65	21.58	21.52	2
		36	0	21.35	21.35	21.20	3
		36	19	21.12	21.14	21.03	3
		36	39	21.10	21.12	20.98	3
		75	0	21.16	21.25	21.08	3

LTE Conducted Power (P-Sensor OFF)							
LTE Band 38							
BW	MCS Index	Channel		37800	38000	38200	3GPP MPR
		Frequency (MHz)		2575	2595	2615	
10M	QPSK	1	0	24.20	24.24	24.19	0
		1	24	23.84	23.84	23.81	0
		1	49	23.74	23.79	23.62	0
		25	0	23.24	23.19	23.02	1
		25	12	22.99	23.04	22.93	1
		25	25	22.83	22.83	22.74	1
		50	0	22.96	23.04	22.94	1
10M	16QAM	1	0	23.45	23.36	23.21	1
		1	24	22.99	23.07	22.95	1
		1	49	22.94	22.99	22.73	1
		25	0	22.28	22.35	22.14	2
		25	12	22.17	22.05	21.91	2
		25	25	22.03	21.97	21.89	2
		50	0	22.06	22.15	21.89	2
10M	64QAM	1	0	22.03	21.98	21.85	2
		1	24	21.60	21.68	21.48	2
		1	49	21.49	21.59	21.48	2
		25	0	21.30	21.18	21.14	3
		25	12	21.02	21.00	20.93	3
		25	25	20.93	21.07	20.83	3
		50	0	21.07	21.16	20.89	3
BW	MCS Index	Channel		37775	38000	38225	3GPP MPR
		Frequency (MHz)		2572.5	2595	2617.5	
5M	QPSK	1	0	24.08	24.18	24.02	0
		1	12	23.84	23.98	23.80	0
		1	24	23.79	23.81	23.58	0
		12	0	23.25	23.20	23.04	1
		12	6	22.91	23.07	22.72	1
		12	13	22.96	23.03	22.78	1
		25	0	23.06	23.08	22.80	1
5M	16QAM	1	0	23.34	23.44	23.20	1
		1	12	23.10	23.13	22.87	1
		1	24	22.85	23.00	22.84	1
		12	0	22.23	22.28	22.24	2
		12	6	22.07	22.06	21.95	2
		12	13	22.04	21.94	21.99	2
		25	0	22.13	22.20	21.90	2
5M	64QAM	1	0	21.87	22.00	21.80	2
		1	12	21.57	21.69	21.53	2
		1	24	21.61	21.46	21.34	2
		12	0	21.12	21.27	21.04	3
		12	6	21.06	21.09	20.97	3
		12	13	20.89	20.97	20.82	3
		25	0	21.01	21.08	20.98	3

LTE Conducted Power (P-Sensor OFF)									
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	24.18	24.24	24.08	24.09	24.03	0
		1	50	23.95	24.06	23.85	23.87	23.82	0
		1	99	23.80	23.91	23.70	23.72	23.67	0
		50	0	23.18	23.29	23.08	23.10	23.05	1
		50	25	23.01	23.12	22.91	22.93	22.88	1
		50	50	22.97	23.08	22.87	22.89	22.84	1
		100	0	23.01	23.12	22.91	22.93	22.88	1
20M	16QAM	1	0	23.40	23.51	23.30	23.32	23.27	1
		1	50	23.15	23.26	23.05	23.07	23.02	1
		1	99	22.99	23.10	22.89	22.91	22.86	1
		50	0	22.24	22.35	22.14	22.16	22.11	2
		50	25	22.14	22.25	22.04	22.06	22.01	2
		50	50	22.09	22.20	21.99	22.01	21.96	2
		100	0	22.11	22.22	22.01	22.03	21.98	2
20M	64QAM	1	0	22.06	22.17	21.96	21.98	21.93	2
		1	50	21.78	21.89	21.68	21.70	21.65	2
		1	99	21.63	21.74	21.53	21.55	21.50	2
		50	0	21.24	21.35	21.14	21.16	21.11	3
		50	25	21.13	21.24	21.03	21.05	21.00	3
		50	50	21.06	21.17	20.96	20.98	20.93	3
		100	0	21.12	21.23	21.02	21.04	20.99	3
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	24.18	24.17	24.04	24.08	23.94	0
		1	37	23.90	24.04	23.76	23.86	23.72	0
		1	74	23.73	23.90	23.64	23.65	23.67	0
		36	0	23.16	23.27	22.99	23.10	22.99	1
		36	19	22.97	23.08	22.85	22.90	22.82	1
		36	39	22.92	22.99	22.79	22.80	22.75	1
		75	0	22.98	23.04	22.87	22.93	22.84	1
15M	16QAM	1	0	23.33	23.41	23.28	23.31	23.19	1
		1	37	23.10	23.23	23.05	22.97	23.02	1
		1	74	22.99	23.03	22.89	22.82	22.82	1
		36	0	22.22	22.32	22.04	22.14	22.01	2
		36	19	22.08	22.17	22.01	22.02	21.95	2
		36	39	22.08	22.18	21.92	21.98	21.88	2
		75	0	22.03	22.19	21.91	21.93	21.96	2
15M	64QAM	1	0	22.03	22.13	21.89	21.94	21.87	2
		1	37	21.69	21.81	21.64	21.68	21.60	2
		1	74	21.61	21.67	21.51	21.52	21.47	2
		36	0	21.19	21.30	21.07	21.09	21.02	3
		36	19	21.04	21.23	21.03	21.02	20.93	3
		36	39	20.96	21.09	20.92	20.89	20.92	3
		75	0	21.03	21.16	21.00	21.01	20.89	3

LTE Conducted Power (P-Sensor OFF)									
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	24.13	24.14	23.96	23.92	23.95	0
		1	24	23.77	24.01	23.67	23.75	23.75	0
		1	49	23.65	23.83	23.51	23.55	23.46	0
		25	0	23.16	23.20	22.93	22.93	22.89	1
		25	12	22.88	23.06	22.84	22.80	22.80	1
		25	25	22.78	23.06	22.81	22.78	22.73	1
		50	0	22.89	23.00	22.76	22.75	22.79	1
10M	16QAM	1	0	23.37	23.28	23.13	23.11	23.18	1
		1	24	23.05	23.14	22.91	22.97	22.84	1
		1	49	22.77	23.00	22.67	22.80	22.83	1
		25	0	22.05	22.26	22.05	22.06	22.00	2
		25	12	21.91	22.22	21.87	21.96	21.98	2
		25	25	21.85	22.09	21.79	22.00	21.90	2
		50	0	22.08	22.08	21.84	22.02	21.97	2
10M	64QAM	1	0	22.02	22.04	21.85	21.90	21.83	2
		1	24	21.72	21.74	21.63	21.57	21.55	2
		1	49	21.57	21.53	21.36	21.38	21.27	2
		25	0	21.15	21.21	20.99	21.06	21.01	3
		25	12	20.94	21.20	20.82	20.95	20.92	3
		25	25	20.96	21.01	20.77	20.85	20.74	3
		50	0	20.98	21.11	20.85	20.87	20.79	3
BW	MCS Index	Channel		39675	40148	40620	41093	41565	3GPP MPR
		Frequency (MHz)		2498.5	2545.8	2593	2640.3	2687.5	
5M	QPSK	1	0	24.16	24.11	23.90	23.91	23.85	0
		1	12	23.72	23.98	23.56	23.79	23.65	0
		1	24	23.77	23.81	23.54	23.68	23.38	0
		12	0	23.12	23.24	22.81	23.10	22.76	1
		12	6	22.87	22.90	22.69	22.75	22.76	1
		12	13	22.93	22.90	22.79	22.78	22.63	1
		25	0	22.80	22.94	22.72	22.87	22.65	1
5M	16QAM	1	0	23.19	23.38	23.27	23.24	23.19	1
		1	12	23.07	23.08	22.92	22.86	22.99	1
		1	24	22.83	22.94	22.71	22.74	22.66	1
		12	0	22.08	22.18	22.00	21.96	22.05	2
		12	6	21.97	22.14	21.98	21.87	21.80	2
		12	13	21.87	22.04	21.98	21.84	21.89	2
		25	0	22.03	22.11	21.76	22.02	21.81	2
5M	64QAM	1	0	21.94	22.10	21.91	21.87	21.92	2
		1	12	21.61	21.82	21.53	21.61	21.60	2
		1	24	21.50	21.71	21.38	21.43	21.32	2
		12	0	21.07	21.22	20.94	21.00	20.95	3
		12	6	20.94	21.11	20.97	20.93	20.92	3
		12	13	20.91	21.13	20.85	20.90	20.87	3
		25	0	21.02	21.12	20.92	21.01	20.96	3

LTE Conducted Power (P-Sensor OFF)							
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	24.11	24.27	24.16	0
		1	50	23.90	23.96	23.88	0
		1	99	23.89	23.95	23.87	0
		50	0	23.08	23.14	23.06	1
		50	25	23.00	23.06	22.98	1
		50	50	22.92	22.98	22.90	1
		100	0	23.01	23.07	22.99	1
20M	16QAM	1	0	23.49	23.55	23.47	1
		1	50	23.27	23.33	23.25	1
		1	99	23.20	23.26	23.18	1
		50	0	22.21	22.27	22.19	2
		50	25	22.08	22.14	22.06	2
		50	50	22.05	22.11	22.03	2
		100	0	22.12	22.18	22.10	2
20M	64QAM	1	0	22.33	22.39	22.31	2
		1	50	22.17	22.23	22.15	2
		1	99	22.15	22.21	22.13	2
		50	0	21.19	21.25	21.17	3
		50	25	21.13	21.19	21.11	3
		50	50	21.07	21.13	21.05	3
		100	0	21.18	21.24	21.16	3
BW	MCS Index	Channel		132047	132322	132597	3GPP MPR
		Frequency (MHz)		1717.5	1745	1772.5	
15M	QPSK	1	0	24.08	24.22	24.07	0
		1	37	23.90	23.87	23.85	0
		1	74	23.88	23.92	23.86	0
		36	0	23.04	23.06	23.05	1
		36	19	23.00	22.97	22.90	1
		36	39	22.92	22.95	22.87	1
		75	0	22.94	23.04	22.95	1
15M	16QAM	1	0	23.40	23.53	23.40	1
		1	37	23.22	23.28	23.23	1
		1	74	23.11	23.22	23.09	1
		36	0	22.13	22.21	22.10	2
		36	19	22.01	22.12	21.96	2
		36	39	22.04	22.10	22.02	2
		75	0	22.09	22.14	22.05	2
15M	64QAM	1	0	22.29	22.34	22.29	2
		1	37	22.09	22.18	22.13	2
		1	74	22.07	22.11	22.03	2
		36	0	21.11	21.17	21.15	3
		36	19	21.13	21.09	21.10	3
		36	39	21.03	21.08	21.02	3
		75	0	21.10	21.14	21.11	3

LTE Conducted Power (P-Sensor OFF)							
LTE Band 66							
BW	MCS Index	Channel		132022	132322	132622	3GPP MPR
		Frequency (MHz)		1715	1745	1775	
10M	QPSK	1	0	23.99	24.18	24.04	0
		1	24	23.89	23.82	23.80	0
		1	49	23.77	23.91	23.65	0
		25	0	23.01	22.99	22.87	1
		25	12	22.88	22.99	22.87	1
		25	25	22.79	22.90	22.75	1
		50	0	22.98	22.94	22.96	1
10M	16QAM	1	0	23.27	23.40	23.34	1
		1	24	23.13	23.33	23.16	1
		1	49	23.12	23.16	23.11	1
		25	0	22.14	22.04	22.06	2
		25	12	21.99	22.08	21.96	2
		25	25	21.83	22.06	21.89	2
		50	0	21.96	22.04	22.01	2
10M	64QAM	1	0	22.19	22.33	22.27	2
		1	24	22.10	22.06	22.03	2
		1	49	22.04	22.07	22.07	2
		25	0	21.02	21.15	21.05	3
		25	12	20.95	21.12	20.99	3
		25	25	20.90	21.08	20.94	3
		50	0	21.00	21.08	21.01	3
BW	MCS Index	Channel		131997	132322	132647	3GPP MPR
		Frequency (MHz)		1712.5	1745	1777.5	
5M	QPSK	1	0	23.95	24.21	23.96	0
		1	12	23.85	23.84	23.68	0
		1	24	23.65	23.83	23.73	0
		12	0	23.01	23.04	22.92	1
		12	6	22.87	22.96	22.67	1
		12	13	22.86	22.90	22.73	1
		25	0	22.90	23.03	22.79	1
5M	16QAM	1	0	23.28	23.51	23.29	1
		1	12	23.09	23.18	23.02	1
		1	24	23.14	23.10	23.05	1
		12	0	22.14	22.08	22.11	2
		12	6	21.96	22.06	21.92	2
		12	13	21.90	21.90	21.93	2
		25	0	22.09	22.09	21.98	2
5M	64QAM	1	0	22.16	22.31	22.17	2
		1	12	22.01	22.05	22.02	2
		1	24	22.08	22.07	22.04	2
		12	0	21.08	21.02	20.95	3
		12	6	20.92	20.97	21.09	3
		12	13	20.89	21.08	20.88	3
		25	0	21.04	21.15	21.10	3

LTE Conducted Power (P-Sensor OFF)							
LTE Band 66							
BW	MCS Index	Channel		131987	132322	132657	3GPP MPR
		Frequency (MHz)		1711.5	1745	1778.5	
3M	QPSK	1	0	23.97	24.11	24.00	0
		1	7	23.73	23.81	23.70	0
		1	14	23.69	23.79	23.67	0
		8	0	22.95	23.00	22.92	1
		8	3	22.76	22.94	22.85	1
		8	7	22.68	22.80	22.76	1
		15	0	22.93	23.03	22.94	1
3M	16QAM	1	0	23.28	23.45	23.31	1
		1	7	23.17	23.18	23.10	1
		1	14	23.05	23.11	22.94	1
		8	0	22.15	22.17	21.99	2
		8	3	22.01	22.04	21.82	2
		8	7	21.83	21.91	21.99	2
		15	0	22.02	22.06	21.87	2
3M	64QAM	1	0	22.11	22.19	22.20	2
		1	7	21.97	22.18	22.08	2
		1	14	21.94	21.98	22.03	2
		8	0	20.99	21.25	21.01	3
		8	3	21.06	21.07	20.92	3
		8	7	20.98	21.02	20.92	3
		15	0	21.10	21.10	21.08	3
BW	MCS Index	Channel		131979	132322	132665	3GPP MPR
		Frequency (MHz)		1710.7	1745	1779.3	
1.4M	QPSK	1	0	23.96	24.16	24.05	0
		1	2	23.71	23.90	23.65	0
		1	5	23.74	23.77	23.76	0
		3	0	23.99	24.03	23.88	0
		3	1	23.91	23.95	23.80	0
		3	3	23.71	23.92	23.77	0
		6	0	22.90	22.85	22.78	1
1.4M	16QAM	1	0	23.27	23.51	23.29	1
		1	2	23.16	23.16	23.10	1
		1	5	23.09	23.17	22.96	1
		3	0	23.13	23.20	22.97	1
		3	1	22.98	23.00	23.02	1
		3	3	22.94	23.01	22.80	1
		6	0	21.99	21.96	21.92	2
1.4M	64QAM	1	0	22.22	22.22	22.30	2
		1	2	22.04	22.16	21.98	2
		1	5	21.99	22.16	22.04	2
		3	0	22.02	22.18	22.01	2
		3	1	22.11	22.10	21.98	2
		3	3	21.91	22.00	21.90	2
		6	0	20.99	21.03	21.06	3

WCDMA Conducted Power (P-Sensor ON)									
Band	WCDMA II			WCDMA IV			WCDMA V		
TX Channel	9262	9400	9538	1312	1413	1513	4132	4182	4233
Rx Channel	9662	9800	9938	1537	1638	1738	4357	4407	4458
Frequency	1852.4	1880	1907.6	1712.4	1732.6	1752.6	826.4	836.4	846.6
RMC 12.2K	14.95	14.74	14.87	14.36	14.42	14.35	19.59	19.79	19.45
HSDPA Subtest-1	13.68	13.94	13.56	13.34	13.26	13.03	18.55	18.74	18.47
HSDPA Subtest-2	13.73	13.99	13.53	13.36	13.28	12.99	18.55	18.69	18.51
HSDPA Subtest-3	13.15	13.42	13.12	12.87	12.78	12.47	18.04	17.91	18.05
HSDPA Subtest-4	13.14	13.45	13.08	12.90	12.78	12.53	18.06	18.23	18.00
DC-HSDPA Subtest-1	13.56	13.82	13.44	13.23	13.15	12.92	18.42	18.61	18.34
DC-HSDPA Subtest-2	13.61	13.87	13.41	13.25	13.17	12.88	18.42	18.56	18.38
DC-HSDPA Subtest-3	13.03	13.30	13.00	12.76	12.67	12.36	17.91	17.78	17.92
DC-HSDPA Subtest-4	13.02	13.33	12.96	12.79	12.67	12.42	17.93	18.10	17.87
HSUPA Subtest-1	13.26	12.89	13.11	12.24	12.25	12.00	18.54	18.71	18.39
HSUPA Subtest-2	11.90	11.94	11.68	11.28	11.21	11.02	16.51	16.74	16.37
HSUPA Subtest-3	12.78	12.82	12.74	12.28	12.23	11.95	17.52	17.74	17.39
HSUPA Subtest-4	11.83	11.89	11.63	11.26	11.24	11.00	16.54	16.70	16.42
HSUPA Subtest-5	14.00	13.80	13.61	13.30	13.30	13.00	18.50	18.70	18.40

LTE Conducted Power (P-Sensor ON)							
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	14.21	14.14	14.16	0
		1	50	13.89	13.84	13.86	0
		1	99	13.88	13.83	13.85	0
		50	0	14.18	14.13	14.15	0
		50	25	14.03	13.98	14.00	0
		50	50	13.94	13.89	13.91	0
		100	0	14.01	13.96	13.98	0
20M	16QAM	1	0	14.20	14.15	14.17	0
		1	50	14.19	14.14	14.16	0
		1	99	14.15	14.10	14.12	0
		50	0	14.12	14.07	14.09	0
		50	25	14.09	14.04	14.06	0
		50	50	14.03	13.98	14.00	0
		100	0	14.06	14.01	14.03	0
20M	64QAM	1	0	14.20	14.15	14.17	0
		1	50	14.16	14.11	14.13	0
		1	99	14.15	14.10	14.12	0
		50	0	14.17	14.12	14.14	0
		50	25	14.06	14.01	14.03	0
		50	50	14.05	14.00	14.02	0
		100	0	14.10	14.05	14.07	0
BW	MCS Index	Channel		18675	18900	19125	3GPP MPR
		Frequency (MHz)		1857.5	1880	1902.5	
15M	QPSK	1	0	14.18	14.13	14.06	0
		1	37	13.87	13.77	13.79	0
		1	74	13.88	13.74	13.79	0
		36	0	14.16	14.08	14.06	0
		36	19	13.93	13.94	13.93	0
		36	39	13.85	13.89	13.81	0
		75	0	13.91	13.86	13.96	0
15M	16QAM	1	0	14.10	14.12	14.17	0
		1	37	14.11	14.04	14.06	0
		1	74	14.14	14.06	14.12	0
		36	0	14.09	14.02	13.99	0
		36	19	14.02	14.04	13.99	0
		36	39	14.02	13.92	14.00	0
		75	0	14.01	13.93	13.96	0
15M	64QAM	1	0	14.15	14.07	14.15	0
		1	37	14.07	14.11	14.13	0
		1	74	14.15	14.09	14.02	0
		36	0	14.11	14.10	14.10	0
		36	19	13.96	13.98	13.94	0
		36	39	13.99	13.95	14.02	0
		75	0	14.03	13.98	13.98	0

LTE Conducted Power (P-Sensor ON)							
LTE Band 2							
BW	MCS Index	Channel		18650	18900	19150	3GPP MPR
		Frequency (MHz)		1855	1880	1905	
10M	QPSK	1	0	14.07	14.02	14.03	0
		1	24	13.81	13.68	13.72	0
		1	49	13.73	13.72	13.74	0
		25	0	14.03	14.00	13.99	0
		25	12	13.98	13.85	13.87	0
		25	25	13.91	13.82	13.90	0
		50	0	13.97	13.77	13.86	0
10M	16QAM	1	0	14.08	14.04	14.17	0
		1	24	14.05	13.92	14.07	0
		1	49	14.00	13.99	14.05	0
		25	0	14.01	13.91	14.02	0
		25	12	13.97	14.00	13.87	0
		25	25	13.88	13.76	13.84	0
		50	0	14.00	13.84	13.89	0
10M	64QAM	1	0	14.07	14.00	14.04	0
		1	24	14.04	14.09	14.01	0
		1	49	13.99	14.07	14.01	0
		25	0	14.14	13.96	13.99	0
		25	12	13.89	13.88	13.90	0
		25	25	13.89	13.75	13.81	0
		50	0	14.09	13.87	13.91	0
BW	MCS Index	Channel		18625	18900	19175	3GPP MPR
		Frequency (MHz)		1852.5	1880	1907.5	
5M	QPSK	1	0	14.05	13.93	14.08	0
		1	12	13.81	13.68	13.69	0
		1	24	13.76	13.78	13.83	0
		12	0	14.07	13.95	14.03	0
		12	6	13.86	13.77	13.78	0
		12	13	13.75	13.76	13.76	0
		25	0	13.91	13.79	13.76	0
5M	16QAM	1	0	14.17	13.96	14.02	0
		1	12	14.02	14.01	13.98	0
		1	24	13.91	13.96	14.00	0
		12	0	13.95	14.04	14.01	0
		12	6	13.94	13.97	13.93	0
		12	13	13.92	13.92	13.91	0
		25	0	13.93	13.98	13.88	0
5M	64QAM	1	0	14.03	14.05	14.00	0
		1	12	13.98	14.02	13.93	0
		1	24	14.00	13.92	13.94	0
		12	0	14.11	13.97	14.06	0
		12	6	14.01	13.85	13.97	0
		12	13	13.99	13.88	13.85	0
		25	0	13.99	13.91	14.00	0

LTE Conducted Power (P-Sensor ON)							
LTE Band 2							
BW	MCS Index	Channel		18615	18900	19185	3GPP MPR
		Frequency (MHz)		1851.5	1880	1908.5	
3M	QPSK	1	0	14.02	14.00	14.01	0
		1	7	13.79	13.65	13.82	0
		1	14	13.78	13.73	13.69	0
		8	0	14.14	13.98	13.96	0
		8	3	13.89	13.73	13.83	0
		8	7	13.79	13.82	13.76	0
		15	0	13.91	13.71	13.85	0
3M	16QAM	1	0	14.13	13.95	14.10	0
		1	7	14.08	14.02	13.94	0
		1	14	14.04	13.91	13.94	0
		8	0	13.93	13.98	14.04	0
		8	3	13.98	13.94	13.87	0
		8	7	13.87	13.94	13.91	0
		15	0	13.99	13.92	13.86	0
3M	64QAM	1	0	14.12	13.94	13.98	0
		1	7	13.99	14.07	14.13	0
		1	14	13.94	13.99	14.00	0
		8	0	14.07	13.94	13.91	0
		8	3	14.00	13.99	14.03	0
		8	7	13.95	13.88	13.84	0
		15	0	13.98	13.93	13.90	0
BW	MCS Index	Channel		18607	18900	19193	3GPP MPR
		Frequency (MHz)		1850.7	1880	1909.3	
1.4M	QPSK	1	0	14.04	14.00	14.10	0
		1	2	13.84	13.70	13.83	0
		1	5	13.81	13.74	13.83	0
		3	0	14.12	13.96	14.02	0
		3	1	13.98	13.78	13.92	0
		3	3	13.89	13.77	13.75	0
		6	0	13.85	13.83	13.83	0
1.4M	16QAM	1	0	14.05	14.04	14.15	0
		1	2	14.18	13.99	14.10	0
		1	5	13.99	14.04	13.89	0
		3	0	14.02	14.01	13.96	0
		3	1	13.94	13.81	13.99	0
		3	3	13.88	13.81	13.93	0
		6	0	13.96	13.84	13.84	0
1.4M	64QAM	1	0	14.09	14.01	14.02	0
		1	2	14.10	13.97	14.01	0
		1	5	14.06	14.05	13.98	0
		3	0	13.94	13.93	14.05	0
		3	1	14.00	13.95	13.93	0
		3	3	13.93	13.80	13.88	0
		6	0	13.95	13.92	13.94	0

LTE Conducted Power (P-Sensor ON)							
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	13.96	13.95	13.83	0
		1	50	13.72	13.70	13.59	0
		1	99	13.67	13.65	13.54	0
		50	0	13.96	13.94	13.83	0
		50	25	12.82	12.80	12.69	0
		50	50	12.78	12.76	12.65	0
		100	0	12.91	12.89	12.78	0
20M	16QAM	1	0	13.96	13.94	13.83	0
		1	50	13.90	13.88	13.77	0
		1	99	13.87	13.85	13.74	0
		50	0	13.94	13.92	13.81	0
		50	25	13.91	13.89	13.78	0
		50	50	13.86	13.84	13.73	0
		100	0	13.90	13.88	13.77	0
20M	64QAM	1	0	13.95	13.93	13.82	0
		1	50	13.89	13.87	13.76	0
		1	99	13.85	13.83	13.72	0
		50	0	13.94	13.92	13.81	0
		50	25	13.90	13.88	13.77	0
		50	50	13.83	13.81	13.70	0
		100	0	13.89	13.87	13.76	0
BW	MCS Index	Channel		20025	20175	20325	3GPP MPR
		Frequency (MHz)		1717.5	1732.5	1747.5	
15M	QPSK	1	0	13.89	13.86	13.75	0
		1	37	13.67	13.70	13.49	0
		1	74	13.62	13.59	13.53	0
		36	0	13.96	13.85	13.78	0
		36	19	12.77	12.74	12.69	0
		36	39	12.72	12.72	12.59	0
		75	0	12.89	12.82	12.68	0
15M	16QAM	1	0	13.87	13.90	13.75	0
		1	37	13.80	13.79	13.71	0
		1	74	13.85	13.85	13.70	0
		36	0	13.85	13.88	13.74	0
		36	19	13.83	13.86	13.70	0
		36	39	13.83	13.81	13.67	0
		75	0	13.83	13.85	13.74	0
15M	64QAM	1	0	13.86	13.86	13.73	0
		1	37	13.89	13.82	13.75	0
		1	74	13.83	13.80	13.67	0
		36	0	13.89	13.84	13.71	0
		36	19	13.82	13.83	13.77	0
		36	39	13.76	13.75	13.69	0
		75	0	13.80	13.77	13.68	0

LTE Conducted Power (P-Sensor ON)							
LTE Band 4							
BW	MCS Index	Channel		20000	20175	20350	3GPP MPR
		Frequency (MHz)		1715	1732.5	1750	
10M	QPSK	1	0	13.85	13.76	13.72	0
		1	24	13.70	13.55	13.47	0
		1	49	13.56	13.55	13.44	0
		25	0	13.81	13.74	13.74	0
		25	12	12.79	12.63	12.46	0
		25	25	12.77	12.66	12.62	0
		50	0	12.84	12.73	12.69	0
10M	16QAM	1	0	13.84	13.85	13.75	0
		1	24	13.79	13.82	13.53	0
		1	49	13.75	13.77	13.66	0
		25	0	13.80	13.85	13.66	0
		25	12	13.72	13.77	13.62	0
		25	25	13.80	13.63	13.55	0
		50	0	13.76	13.74	13.70	0
10M	64QAM	1	0	13.84	13.83	13.74	0
		1	24	13.76	13.79	13.72	0
		1	49	13.81	13.79	13.53	0
		25	0	13.82	13.81	13.65	0
		25	12	13.76	13.72	13.72	0
		25	25	13.68	13.66	13.56	0
		50	0	13.69	13.71	13.57	0
BW	MCS Index	Channel		19975	20175	20375	3GPP MPR
		Frequency (MHz)		1712.5	1732.5	1752.5	
5M	QPSK	1	0	13.87	13.84	13.66	0
		1	12	13.59	13.55	13.33	0
		1	24	13.66	13.49	13.34	0
		12	0	13.75	13.78	13.65	0
		12	6	12.59	12.76	12.46	0
		12	13	12.68	12.56	12.42	0
		25	0	12.74	12.81	12.52	0
5M	16QAM	1	0	13.79	13.82	13.70	0
		1	12	13.75	13.66	13.55	0
		1	24	13.67	13.72	13.57	0
		12	0	13.83	13.71	13.76	0
		12	6	13.77	13.67	13.62	0
		12	13	13.79	13.70	13.65	0
		25	0	13.80	13.79	13.67	0
5M	64QAM	1	0	13.80	13.88	13.65	0
		1	12	13.79	13.74	13.56	0
		1	24	13.73	13.69	13.64	0
		12	0	13.75	13.72	13.75	0
		12	6	13.69	13.69	13.67	0
		12	13	13.82	13.78	13.53	0
		25	0	13.81	13.68	13.54	0

LTE Conducted Power (P-Sensor ON)							
LTE Band 4							
BW	MCS Index	Channel		19965	20175	20385	3GPP MPR
		Frequency (MHz)		1711.5	1732.5	1753.5	
3M	QPSK	1	0	13.81	13.93	13.61	0
		1	7	13.63	13.57	13.44	0
		1	14	13.57	13.53	13.44	0
		8	0	13.79	13.81	13.77	0
		8	3	12.69	12.63	12.50	0
		8	7	12.64	12.73	12.59	0
		15	0	12.81	12.83	12.69	0
3M	16QAM	1	0	13.79	13.79	13.73	0
		1	7	13.71	13.81	13.64	0
		1	14	13.69	13.79	13.69	0
		8	0	13.76	13.80	13.66	0
		8	3	13.74	13.73	13.66	0
		8	7	13.66	13.74	13.60	0
		15	0	13.81	13.85	13.67	0
3M	64QAM	1	0	13.83	13.85	13.81	0
		1	7	13.77	13.71	13.71	0
		1	14	13.81	13.63	13.59	0
		8	0	13.90	13.71	13.67	0
		8	3	13.69	13.75	13.69	0
		8	7	13.62	13.70	13.58	0
		15	0	13.81	13.81	13.59	0
BW	MCS Index	Channel		19957	20175	20393	3GPP MPR
		Frequency (MHz)		1710.7	1732.5	1754.3	
1.4M	QPSK	1	0	13.77	13.83	13.69	0
		1	2	13.61	13.46	13.49	0
		1	5	13.50	13.60	13.35	0
		3	0	13.88	13.73	13.68	0
		3	1	12.63	12.69	12.55	0
		3	3	12.65	12.53	12.49	0
		6	0	12.79	12.70	12.71	0
1.4M	16QAM	1	0	13.90	13.79	13.66	0
		1	2	13.75	13.78	13.67	0
		1	5	13.76	13.64	13.59	0
		3	0	13.85	13.78	13.72	0
		3	1	13.70	13.66	13.58	0
		3	3	13.77	13.79	13.57	0
		6	0	13.81	13.69	13.67	0
1.4M	64QAM	1	0	13.88	13.82	13.74	0
		1	2	13.76	13.82	13.70	0
		1	5	13.70	13.75	13.62	0
		3	0	13.77	13.74	13.66	0
		3	1	13.67	13.77	13.64	0
		3	3	13.70	13.58	13.53	0
		6	0	13.75	13.80	13.60	0

LTE Conducted Power (P-Sensor ON)							
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	19.19	19.15	19.18	0
		1	24	19.13	19.10	19.12	0
		1	49	18.50	18.47	18.49	0
		25	0	18.49	18.46	18.48	0
		25	12	18.43	18.40	18.42	0
		25	25	18.38	18.35	18.37	0
		50	0	18.48	18.45	18.47	0
10M	16QAM	1	0	19.17	19.14	19.16	0
		1	24	19.18	19.15	19.17	0
		1	49	18.48	18.45	18.47	0
		25	0	18.46	18.43	18.45	0
		25	12	18.43	18.40	18.42	0
		25	25	18.38	18.35	18.37	0
		50	0	18.45	18.42	18.44	0
10M	64QAM	1	0	19.14	19.11	19.13	0
		1	24	19.09	19.16	19.18	0
		1	49	18.50	18.47	18.49	0
		25	0	18.48	18.45	18.47	0
		25	12	18.43	18.40	18.42	0
		25	25	18.37	18.34	18.36	0
		50	0	18.46	18.43	18.45	0
BW	MCS Index	Channel		20425	20525	20625	3GPP MPR
		Frequency (MHz)		826.5	836.5	846.5	
5M	QPSK	1	0	19.09	19.08	19.15	0
		1	12	19.05	19.08	19.09	0
		1	24	18.50	18.39	18.49	0
		12	0	18.48	18.46	18.40	0
		12	6	18.33	18.35	18.39	0
		12	13	18.38	18.25	18.37	0
		25	0	18.39	18.38	18.46	0
5M	16QAM	1	0	19.14	19.13	19.15	0
		1	12	19.08	19.09	19.10	0
		1	24	18.44	18.39	18.37	0
		12	0	18.37	18.43	18.38	0
		12	6	18.33	18.37	18.36	0
		12	13	18.32	18.28	18.30	0
		25	0	18.40	18.37	18.41	0
5M	64QAM	1	0	19.06	19.09	19.07	0
		1	12	19.04	19.16	19.08	0
		1	24	18.43	18.46	18.47	0
		12	0	18.42	18.37	18.45	0
		12	6	18.41	18.33	18.42	0
		12	13	18.30	18.27	18.27	0
		25	0	18.37	18.38	18.41	0

LTE Conducted Power (P-Sensor ON)							
LTE Band 5							
BW	MCS Index	Channel		20415	20525	20635	3GPP MPR
		Frequency (MHz)		825.5	836.5	847.5	
3M	QPSK	1	0	19.03	19.08	18.96	0
		1	7	19.05	18.93	18.93	0
		1	14	18.45	18.43	18.30	0
		8	0	18.33	18.29	18.30	0
		8	3	18.19	18.26	18.28	0
		8	7	18.35	18.25	18.21	0
		15	0	18.31	18.21	18.36	0
3M	16QAM	1	0	19.02	19.01	18.93	0
		1	7	19.15	18.95	18.96	0
		1	14	18.34	18.28	18.40	0
		8	0	18.27	18.31	18.39	0
		8	3	18.23	18.27	18.20	0
		8	7	18.35	18.26	18.20	0
		15	0	18.25	18.31	18.23	0
3M	64QAM	1	0	18.95	19.02	19.00	0
		1	7	18.95	19.10	19.08	0
		1	14	18.45	18.32	18.38	0
		8	0	18.47	18.39	18.38	0
		8	3	18.23	18.40	18.31	0
		8	7	18.22	18.23	18.23	0
		15	0	18.37	18.25	18.32	0
BW	MCS Index	Channel		20407	20525	20643	3GPP MPR
		Frequency (MHz)		824.7	836.5	848.3	
1.4M	QPSK	1	0	19.10	19.05	18.98	0
		1	2	19.00	18.96	18.91	0
		1	5	18.42	18.31	18.36	0
		3	0	18.38	18.38	18.31	0
		3	1	18.36	18.35	18.23	0
		3	3	18.30	18.25	18.15	0
		6	0	18.26	18.32	18.25	0
1.4M	16QAM	1	0	19.00	18.96	18.99	0
		1	2	19.03	18.96	19.09	0
		1	5	18.28	18.26	18.27	0
		3	0	18.42	18.31	18.33	0
		3	1	18.36	18.18	18.28	0
		3	3	18.19	18.21	18.29	0
		6	0	18.32	18.25	18.28	0
1.4M	64QAM	1	0	19.11	19.00	19.06	0
		1	2	18.92	19.10	19.00	0
		1	5	18.47	18.38	18.44	0
		3	0	18.41	18.41	18.33	0
		3	1	18.41	18.31	18.40	0
		3	3	18.28	18.14	18.27	0
		6	0	18.34	18.23	18.32	0

LTE Conducted Power (P-Sensor ON)							
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	11.40	11.36	11.48	0
		1	50	11.10	11.07	11.19	0
		1	99	11.06	11.03	11.15	0
		50	0	11.15	11.12	11.24	0
		50	25	11.14	11.11	11.23	0
		50	50	11.06	11.03	11.15	0
		100	0	11.08	11.05	11.17	0
20M	16QAM	1	0	11.12	11.09	11.21	0
		1	50	11.10	11.07	11.19	0
		1	99	11.06	11.03	11.15	0
		50	0	11.03	11.00	11.12	0
		50	25	11.02	10.99	11.11	0
		50	50	10.98	10.95	11.07	0
		100	0	11.08	11.05	11.17	0
20M	64QAM	1	0	11.20	11.17	11.29	0
		1	50	11.09	11.06	11.18	0
		1	99	11.06	11.03	11.15	0
		50	0	11.03	11.00	11.12	0
		50	25	11.02	10.99	11.11	0
		50	50	11.02	10.99	11.11	0
		100	0	11.08	11.05	11.17	0
BW	MCS Index	Channel		20825	21100	21375	3GPP MPR
		Frequency (MHz)		2507.5	2535	2562.5	
15M	QPSK	1	0	11.31	11.32	11.45	0
		1	37	11.02	11.01	11.12	0
		1	74	11.01	11.01	11.05	0
		36	0	11.08	11.02	11.22	0
		36	19	11.11	11.03	11.21	0
		36	39	11.03	11.01	11.15	0
		75	0	11.00	11.03	11.09	0
15M	16QAM	1	0	11.08	10.99	11.19	0
		1	37	11.05	10.98	11.11	0
		1	74	11.04	10.94	11.09	0
		36	0	10.93	10.96	11.10	0
		36	19	10.99	10.93	11.10	0
		36	39	10.93	10.85	10.98	0
		75	0	11.03	10.95	11.15	0
15M	64QAM	1	0	11.12	11.17	11.21	0
		1	37	11.02	11.02	11.10	0
		1	74	10.96	10.93	11.11	0
		36	0	11.02	10.96	11.09	0
		36	19	11.02	10.92	11.07	0
		36	39	10.97	10.97	11.05	0
		75	0	11.08	11.02	11.12	0

LTE Conducted Power (P-Sensor ON)							
LTE Band 7							
BW	MCS Index	Channel		20800	21100	21400	3GPP MPR
		Frequency (MHz)		2505	2535	2565	
10M	QPSK	1	0	11.21	11.25	11.26	0
		1	24	10.85	11.05	10.97	0
		1	49	10.95	10.93	11.05	0
		25	0	10.92	11.00	11.05	0
		25	12	10.98	11.04	11.16	0
		25	25	10.98	10.96	11.10	0
		50	0	10.96	10.93	11.15	0
10M	16QAM	1	0	10.94	10.97	11.06	0
		1	24	10.86	10.85	11.03	0
		1	49	10.82	10.85	11.03	0
		25	0	10.90	10.88	11.02	0
		25	12	10.90	10.86	11.06	0
		25	25	10.83	10.75	10.91	0
		50	0	10.88	10.85	11.09	0
10M	64QAM	1	0	11.10	11.10	11.17	0
		1	24	10.99	10.89	11.08	0
		1	49	10.95	10.93	10.94	0
		25	0	10.89	10.98	10.92	0
		25	12	10.89	10.86	10.94	0
		25	25	10.94	10.83	10.96	0
		50	0	10.93	10.95	11.08	0
BW	MCS Index	Channel		20775	21100	21425	3GPP MPR
		Frequency (MHz)		2502.5	2535	2567.5	
5M	QPSK	1	0	11.29	11.28	11.35	0
		1	12	10.96	10.98	11.06	0
		1	24	10.85	10.85	10.91	0
		12	0	11.07	11.02	11.11	0
		12	6	10.98	10.93	10.95	0
		12	13	11.05	10.82	11.05	0
		25	0	10.90	11.02	11.00	0
5M	16QAM	1	0	10.97	11.00	11.17	0
		1	12	11.04	10.89	11.05	0
		1	24	10.99	10.86	11.02	0
		12	0	10.87	10.85	11.00	0
		12	6	10.91	10.96	11.06	0
		12	13	10.80	10.90	10.93	0
		25	0	10.98	10.86	11.07	0
5M	64QAM	1	0	11.10	11.11	11.10	0
		1	12	11.03	10.96	10.97	0
		1	24	10.97	10.86	10.94	0
		12	0	10.97	10.88	10.99	0
		12	6	10.99	10.88	10.99	0
		12	13	10.88	10.85	11.07	0
		25	0	11.05	10.94	11.12	0

LTE Conducted Power (P-Sensor ON)							
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	17.87	17.76	17.84	0
		1	24	17.76	17.66	17.73	0
		1	49	17.75	17.65	17.72	0
		25	0	17.85	17.75	17.82	0
		25	12	17.82	17.72	17.79	0
		25	25	17.75	17.65	17.72	0
		50	0	17.76	17.66	17.73	0
10M	16QAM	1	0	17.75	17.65	17.72	0
		1	24	17.65	17.55	17.62	0
		1	49	17.64	17.54	17.61	0
		25	0	17.72	17.62	17.69	0
		25	12	17.71	17.61	17.68	0
		25	25	17.64	17.54	17.61	0
		50	0	17.66	17.56	17.63	0
10M	64QAM	1	0	17.72	17.62	17.69	0
		1	24	17.62	17.52	17.59	0
		1	49	17.62	17.52	17.59	0
		25	0	17.71	17.61	17.68	0
		25	12	17.69	17.59	17.66	0
		25	25	17.61	17.51	17.58	0
		50	0	17.65	17.55	17.62	0
BW	MCS Index	Channel		23035	23095	23155	3GPP MPR
		Frequency (MHz)		701.5	707.5	713.5	
5M	QPSK	1	0	17.71	17.67	17.58	0
		1	12	17.64	17.48	17.48	0
		1	24	17.53	17.49	17.55	0
		12	0	17.78	17.63	17.51	0
		12	6	17.81	17.55	17.57	0
		12	13	17.67	17.55	17.41	0
		25	0	17.62	17.51	17.59	0
5M	16QAM	1	0	17.62	17.43	17.58	0
		1	12	17.63	17.34	17.56	0
		1	24	17.44	17.43	17.58	0
		12	0	17.58	17.48	17.55	0
		12	6	17.53	17.46	17.56	0
		12	13	17.46	17.50	17.44	0
		25	0	17.63	17.52	17.51	0
5M	64QAM	1	0	17.58	17.40	17.61	0
		1	12	17.50	17.47	17.49	0
		1	24	17.46	17.39	17.46	0
		12	0	17.56	17.42	17.62	0
		12	6	17.50	17.45	17.57	0
		12	13	17.46	17.35	17.47	0
		25	0	17.60	17.38	17.48	0

LTE Conducted Power (P-Sensor ON)							
LTE Band 12							
BW	MCS Index	Channel		23025	23095	23165	3GPP MPR
		Frequency (MHz)		700.5	707.5	714.5	
3M	QPSK	1	0	17.75	17.66	17.66	0
		1	7	17.53	17.56	17.56	0
		1	14	17.61	17.60	17.57	0
		8	0	17.72	17.63	17.73	0
		8	3	17.73	17.51	17.65	0
		8	7	17.63	17.47	17.58	0
		15	0	17.65	17.46	17.54	0
3M	16QAM	1	0	17.61	17.56	17.55	0
		1	7	17.47	17.43	17.50	0
		1	14	17.51	17.43	17.51	0
		8	0	17.66	17.52	17.56	0
		8	3	17.60	17.50	17.55	0
		8	7	17.50	17.35	17.56	0
		15	0	17.58	17.41	17.50	0
3M	64QAM	1	0	17.51	17.56	17.54	0
		1	7	17.41	17.38	17.47	0
		1	14	17.54	17.36	17.57	0
		8	0	17.59	17.47	17.61	0
		8	3	17.58	17.47	17.60	0
		8	7	17.51	17.37	17.48	0
		15	0	17.55	17.44	17.59	0
BW	MCS Index	Channel		23017	23095	23173	3GPP MPR
		Frequency (MHz)		699.7	707.5	715.3	
1.4M	QPSK	1	0	17.65	17.56	17.78	0
		1	2	17.58	17.47	17.67	0
		1	5	17.59	17.59	17.51	0
		3	0	17.73	17.62	17.72	0
		3	1	17.66	17.68	17.78	0
		3	3	17.65	17.56	17.59	0
		6	0	17.59	17.51	17.52	0
1.4M	16QAM	1	0	17.60	17.58	17.69	0
		1	2	17.48	17.44	17.52	0
		1	5	17.45	17.37	17.48	0
		3	0	17.58	17.51	17.61	0
		3	1	17.61	17.46	17.56	0
		3	3	17.48	17.49	17.46	0
		6	0	17.46	17.46	17.49	0
1.4M	64QAM	1	0	17.63	17.57	17.52	0
		1	2	17.42	17.33	17.56	0
		1	5	17.55	17.36	17.41	0
		3	0	17.61	17.51	17.61	0
		3	1	17.67	17.48	17.55	0
		3	3	17.42	17.36	17.49	0
		6	0	17.59	17.41	17.53	0

LTE Conducted Power (P-Sensor ON)							
LTE Band 13							
BW	MCS Index	RB Size	RB Offset		Mid		3GPP MPR (dB)
		Channel			23230		
		Frequency (MHz)			782		
10M	QPSK	1	0		18.73		0
		1	24		18.65		0
		1	49		18.66		0
		25	0		18.75		0
		25	12		18.72		0
		25	25		18.65		0
		50	0		18.75		0
10M	16QAM	1	0		18.62		0
		1	24		18.54		0
		1	49		18.54		0
		25	0		18.64		0
		25	12		18.62		0
		25	25		18.52		0
		50	0		18.66		0
10M	64QAM	1	0		18.58		0
		1	24		18.50		0
		1	49		18.52		0
		25	0		18.60		0
		25	12		18.59		0
		25	25		18.50		0
		50	0		18.65		0
BW	MCS Index	Channel		23205	23230	23255	3GPP MPR
		Frequency (MHz)		779.5	782	784.5	
5M	QPSK	1	0	18.58	18.58	18.53	0
		1	12	18.58	18.44	18.63	0
		1	24	18.63	18.49	18.69	0
		12	0	18.55	18.63	18.57	0
		12	6	18.53	18.59	18.63	0
		12	13	18.66	18.45	18.68	0
		25	0	18.69	18.51	18.51	0
5M	16QAM	1	0	18.59	18.41	18.51	0
		1	12	18.67	18.48	18.66	0
		1	24	18.63	18.47	18.66	0
		12	0	18.64	18.51	18.67	0
		12	6	18.70	18.57	18.51	0
		12	13	18.64	18.32	18.59	0
		25	0	18.53	18.59	18.61	0
5M	64QAM	1	0	18.68	18.42	18.68	0
		1	12	18.56	18.45	18.56	0
		1	24	18.57	18.46	18.64	0
		12	0	18.63	18.51	18.65	0
		12	6	18.69	18.58	18.57	0
		12	13	18.50	18.34	18.67	0
		25	0	18.58	18.53	18.70	0

LTE Conducted Power (P-Sensor ON)							
LTE Band 14							
BW	MCS Index	RB Size	RB Offset		Mid		3GPP MPR (dB)
		Channel			23330		
		Frequency (MHz)			793		
10M	QPSK	1	0		18.84		0
		1	24		18.66		0
		1	49		18.50		0
		25	0		18.81		0
		25	12		18.78		0
		25	25		18.61		0
		50	0		18.73		0
10M	16QAM	1	0		18.74		0
		1	24		18.57		0
		1	49		18.38		0
		25	0		18.72		0
		25	12		18.68		0
		25	25		18.51		0
		50	0		18.65		0
10M	64QAM	1	0		18.73		0
		1	24		18.54		0
		1	49		18.40		0
		25	0		18.70		0
		25	12		18.65		0
		25	25		18.51		0
		50	0		18.62		0
BW	MCS Index	Channel		23305	23330	23355	3GPP MPR
		Frequency (MHz)		790.5	793	795.5	
5M	QPSK	1	0	18.75	18.78	18.76	0
		1	12	18.75	18.52	18.76	0
		1	24	18.78	18.43	18.78	0
		12	0	18.75	18.64	18.78	0
		12	6	18.77	18.55	18.79	0
		12	13	18.81	18.50	18.76	0
		25	0	18.81	18.60	18.81	0
5M	16QAM	1	0	18.77	18.67	18.79	0
		1	12	18.76	18.44	18.78	0
		1	24	18.81	18.38	18.76	0
		12	0	18.78	18.65	18.76	0
		12	6	18.81	18.62	18.78	0
		12	13	18.81	18.37	18.76	0
		25	0	18.79	18.55	18.77	0
5M	64QAM	1	0	18.78	18.68	18.81	0
		1	12	18.77	18.50	18.81	0
		1	24	18.75	18.28	18.76	0
		12	0	18.76	18.55	18.78	0
		12	6	18.80	18.59	18.81	0
		12	13	18.78	18.40	18.79	0
		25	0	18.76	18.54	18.76	0

LTE Conducted Power (P-Sensor ON)							
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	18.84	18.88	18.92	0
		1	24	18.83	18.85	18.91	0
		1	49	18.79	18.81	18.88	0
		25	0	18.80	18.82	18.89	0
		25	12	18.76	18.78	18.85	0
		25	25	18.59	18.61	18.68	0
		50	0	18.69	18.71	18.78	0
10M	16QAM	1	0	18.78	18.80	18.87	0
		1	24	18.73	18.75	18.82	0
		1	49	18.68	18.70	18.77	0
		25	0	18.69	18.71	18.78	0
		25	12	18.69	18.71	18.78	0
		25	25	18.48	18.50	18.57	0
		50	0	18.58	18.60	18.67	0
10M	64QAM	1	0	18.77	18.79	18.86	0
		1	24	18.74	18.76	18.83	0
		1	49	18.67	18.69	18.76	0
		25	0	18.70	18.72	18.79	0
		25	12	18.67	18.69	18.76	0
		25	25	18.46	18.48	18.55	0
		50	0	18.58	18.60	18.67	0
BW	MCS Index	Channel		23755	23790	23825	3GPP MPR
		Frequency (MHz)		706.5	710	713.5	
5M	QPSK	1	0	18.68	18.63	18.73	0
		1	12	18.82	18.72	18.65	0
		1	24	18.75	18.76	18.64	0
		12	0	18.75	18.82	18.56	0
		12	6	18.64	18.60	18.63	0
		12	13	18.52	18.60	18.42	0
		25	0	18.58	18.47	18.63	0
5M	16QAM	1	0	18.58	18.59	18.82	0
		1	12	18.65	18.62	18.72	0
		1	24	18.56	18.56	18.56	0
		12	0	18.62	18.57	18.72	0
		12	6	18.51	18.51	18.67	0
		12	13	18.30	18.27	18.57	0
		25	0	18.43	18.45	18.47	0
5M	64QAM	1	0	18.72	18.63	18.78	0
		1	12	18.58	18.52	18.65	0
		1	24	18.54	18.55	18.62	0
		12	0	18.62	18.62	18.64	0
		12	6	18.62	18.48	18.70	0
		12	13	18.30	18.39	18.32	0
		25	0	18.47	18.58	18.65	0

LTE Conducted Power (P-Sensor ON)							
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	14.06	14.11	14.45	0
		1	50	14.04	14.09	14.41	0
		1	99	13.99	14.02	14.34	0
		50	0	14.09	14.12	14.44	0
		50	25	14.03	14.06	14.38	0
		50	50	14.02	14.05	14.37	0
		100	0	14.01	14.04	14.36	0
20M	16QAM	1	0	14.03	14.06	14.38	0
		1	50	14.02	14.05	14.37	0
		1	99	13.92	13.95	14.27	0
		50	0	14.04	14.07	14.39	0
		50	25	14.02	14.05	14.37	0
		50	50	13.97	14.00	14.32	0
		100	0	13.96	13.99	14.31	0
20M	64QAM	1	0	13.96	13.99	14.31	0
		1	50	13.95	13.98	14.30	0
		1	99	13.89	13.92	14.24	0
		50	0	13.98	14.01	14.33	0
		50	25	13.92	13.95	14.27	0
		50	50	13.94	13.97	14.29	0
		100	0	13.90	13.93	14.25	0
BW	MCS Index	Channel		26115	26365	26615	3GPP MPR
		Frequency (MHz)		1857.5	1882.5	1907.5	
15M	QPSK	1	0	14.00	14.08	14.41	0
		1	37	13.98	14.09	14.34	0
		1	74	13.92	13.93	14.25	0
		36	0	14.02	14.08	14.37	0
		36	19	14.01	13.97	14.35	0
		36	39	13.99	14.01	14.37	0
		75	0	13.92	13.96	14.28	0
15M	16QAM	1	0	13.98	13.96	14.29	0
		1	37	13.95	14.03	14.34	0
		1	74	13.84	13.94	14.24	0
		36	0	13.95	14.05	14.31	0
		36	19	13.95	13.99	14.36	0
		36	39	13.93	13.90	14.24	0
		75	0	13.89	13.93	14.30	0
15M	64QAM	1	0	13.90	13.95	14.31	0
		1	37	13.90	13.97	14.22	0
		1	74	13.82	13.85	14.16	0
		36	0	13.91	13.94	14.30	0
		36	19	13.83	13.92	14.27	0
		36	39	13.87	13.90	14.21	0
		75	0	13.82	13.87	14.19	0

LTE Conducted Power (P-Sensor ON)							
LTE Band 25							
BW	MCS Index	Channel		26090	26365	26640	3GPP MPR
		Frequency (MHz)		1855	1882.5	1910	
10M	QPSK	1	0	13.86	14.06	14.29	0
		1	24	13.91	13.96	14.31	0
		1	49	13.88	13.88	14.25	0
		25	0	13.90	13.92	14.33	0
		25	12	13.92	14.03	14.27	0
		25	25	13.92	13.95	14.30	0
		50	0	13.91	13.84	14.25	0
10M	16QAM	1	0	13.94	13.91	14.33	0
		1	24	13.87	13.85	14.17	0
		1	49	13.78	13.74	14.14	0
		25	0	14.00	13.96	14.19	0
		25	12	13.81	13.97	14.26	0
		25	25	13.83	13.92	14.30	0
		50	0	13.76	13.77	14.13	0
10M	64QAM	1	0	13.73	13.92	14.19	0
		1	24	13.87	13.87	14.21	0
		1	49	13.77	13.77	14.11	0
		25	0	13.79	13.92	14.25	0
		25	12	13.87	13.73	14.17	0
		25	25	13.88	13.93	14.27	0
		50	0	13.72	13.87	14.12	0
BW	MCS Index	Channel		26065	26365	26665	3GPP MPR
		Frequency (MHz)		1852.5	1882.5	1912.5	
5M	QPSK	1	0	14.02	13.92	14.21	0
		1	12	13.95	14.03	14.12	0
		1	24	13.90	13.89	14.05	0
		12	0	13.90	14.06	14.18	0
		12	6	13.89	13.93	14.20	0
		12	13	13.97	13.91	14.17	0
		25	0	14.00	13.92	14.01	0
5M	16QAM	1	0	13.91	13.95	14.35	0
		1	12	13.92	13.90	14.27	0
		1	24	13.71	13.85	14.19	0
		12	0	13.91	13.92	14.31	0
		12	6	13.91	13.86	14.20	0
		12	13	13.78	13.90	14.14	0
		25	0	13.86	13.93	14.10	0
5M	64QAM	1	0	13.89	13.94	14.31	0
		1	12	13.85	13.97	14.19	0
		1	24	13.66	13.90	14.20	0
		12	0	13.82	13.84	14.23	0
		12	6	13.79	13.88	14.16	0
		12	13	13.81	13.86	14.22	0
		25	0	13.73	13.76	14.14	0

LTE Conducted Power (P-Sensor ON)							
LTE Band 25							
BW	MCS Index	Channel		26055	26365	26675	3GPP MPR
		Frequency (MHz)		1851.5	1882.5	1913.5	
3M	QPSK	1	0	13.93	13.96	14.40	0
		1	7	13.94	14.02	14.31	0
		1	14	13.85	13.96	14.18	0
		8	0	14.06	13.99	14.35	0
		8	3	13.99	13.96	14.15	0
		8	7	13.86	13.90	14.20	0
		15	0	13.88	13.98	14.23	0
3M	16QAM	1	0	13.91	13.85	14.25	0
		1	7	13.93	13.92	14.25	0
		1	14	13.77	13.84	14.13	0
		8	0	13.93	13.85	14.28	0
		8	3	13.90	13.96	14.28	0
		8	7	13.88	13.84	14.25	0
		15	0	13.83	13.95	14.20	0
3M	64QAM	1	0	13.86	13.81	14.21	0
		1	7	13.83	13.84	14.12	0
		1	14	13.69	13.91	14.08	0
		8	0	13.77	13.91	14.16	0
		8	3	13.82	13.93	14.21	0
		8	7	13.83	13.84	14.11	0
		15	0	13.72	13.77	14.09	0
BW	MCS Index	Channel		26047	26365	26683	3GPP MPR
		Frequency (MHz)		1850.7	1882.5	1914.3	
1.4M	QPSK	1	0	13.95	14.05	14.28	0
		1	2	13.90	13.95	14.30	0
		1	5	13.79	13.95	14.20	0
		3	0	13.90	14.06	14.32	0
		3	1	13.88	13.97	14.31	0
		3	3	13.81	13.85	14.35	0
		6	0	13.86	13.90	14.24	0
1.4M	16QAM	1	0	13.99	13.96	14.17	0
		1	2	13.93	13.96	14.27	0
		1	5	13.78	13.94	14.10	0
		3	0	13.86	13.84	14.30	0
		3	1	13.89	14.05	14.23	0
		3	3	13.94	13.91	14.29	0
		6	0	13.79	13.88	14.17	0
1.4M	64QAM	1	0	13.90	13.85	14.11	0
		1	2	13.71	13.84	14.14	0
		1	5	13.72	13.81	14.02	0
		3	0	13.76	13.79	14.31	0
		3	1	13.86	13.75	14.16	0
		3	3	13.88	13.89	14.22	0
		6	0	13.74	13.86	14.07	0

LTE Conducted Power (P-Sensor ON)							
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	19.18	19.24	19.25	0
		1	37	19.13	19.18	19.24	0
		1	74	19.06	19.11	19.17	0
		36	0	19.16	19.21	19.27	0
		36	19	19.09	19.14	19.20	0
		36	39	19.08	19.13	19.19	0
		75	0	19.05	19.10	19.16	0
15M	16QAM	1	0	19.16	19.21	19.27	0
		1	37	19.10	19.15	19.21	0
		1	74	18.95	19.00	19.06	0
		36	0	19.13	19.18	19.24	0
		36	19	18.99	19.04	19.10	0
		36	39	19.05	19.10	19.16	0
		75	0	18.98	19.03	19.09	0
15M	64QAM	1	0	19.11	19.16	19.22	0
		1	37	19.08	19.13	19.19	0
		1	74	18.96	19.01	19.07	0
		36	0	19.11	19.16	19.22	0
		36	19	19.04	19.09	19.15	0
		36	39	19.01	19.06	19.12	0
		75	0	19.00	19.05	19.11	0
BW	MCS Index	Channel		26740	26865	26990	3GPP MPR
		Frequency (MHz)		819	831.5	844	
10M	QPSK	1	0	19.01	19.17	19.25	0
		1	24	19.03	19.14	19.09	0
		1	49	18.90	18.96	19.07	0
		25	0	19.11	19.05	19.15	0
		25	12	18.87	19.03	19.03	0
		25	25	18.98	19.06	19.10	0
		50	0	18.89	19.01	19.09	0
10M	16QAM	1	0	19.03	19.08	19.16	0
		1	24	19.03	18.98	18.98	0
		1	49	18.83	18.81	18.95	0
		25	0	18.98	19.10	19.08	0
		25	12	18.97	19.00	19.06	0
		25	25	18.98	19.00	19.03	0
		50	0	18.77	18.82	19.00	0
10M	64QAM	1	0	19.02	19.01	19.14	0
		1	24	19.04	18.93	19.06	0
		1	49	18.82	18.85	19.00	0
		25	0	19.02	18.95	19.19	0
		25	12	18.93	18.88	18.97	0
		25	25	18.99	18.95	18.96	0
		50	0	18.92	18.99	19.05	0

LTE Conducted Power (P-Sensor ON)							
LTE Band 26							
BW	MCS Index	Channel		26715	26865	27015	3GPP MPR
		Frequency (MHz)		816.5	831.5	846.5	
5M	QPSK	1	0	18.99	19.03	18.98	0
		1	12	19.05	19.04	19.03	0
		1	24	19.04	19.10	19.08	0
		12	0	19.12	19.03	19.14	0
		12	6	18.97	19.05	18.94	0
		12	13	19.02	19.07	19.04	0
		25	0	18.90	18.86	18.95	0
5M	16QAM	1	0	19.04	19.16	19.04	0
		1	12	18.96	19.05	19.06	0
		1	24	18.83	18.81	18.87	0
		12	0	19.01	18.96	19.12	0
		12	6	18.85	18.86	19.00	0
		12	13	18.83	18.89	19.04	0
		25	0	18.90	18.91	18.97	0
5M	64QAM	1	0	19.06	18.95	19.03	0
		1	12	18.98	19.11	19.12	0
		1	24	18.92	18.84	18.83	0
		12	0	18.92	19.09	19.06	0
		12	6	18.80	18.88	18.90	0
		12	13	18.95	18.98	18.91	0
		25	0	18.94	18.88	18.97	0
BW	MCS Index	Channel		26705	26865	27025	3GPP MPR
		Frequency (MHz)		815.5	831.5	847.5	
3M	QPSK	1	0	19.08	19.02	19.09	0
		1	7	19.04	18.97	19.03	0
		1	14	18.87	19.02	18.99	0
		8	0	19.10	19.01	19.17	0
		8	3	18.94	19.00	19.11	0
		8	7	18.91	19.06	19.19	0
		15	0	18.88	18.96	19.03	0
3M	16QAM	1	0	19.07	19.07	19.07	0
		1	7	18.99	18.96	19.15	0
		1	14	18.88	18.90	18.92	0
		8	0	19.02	19.04	19.14	0
		8	3	18.98	18.86	18.94	0
		8	7	18.86	18.97	18.94	0
		15	0	18.84	18.91	19.08	0
3M	64QAM	1	0	19.04	19.09	19.05	0
		1	7	18.87	19.07	19.07	0
		1	14	18.87	18.81	19.00	0
		8	0	18.90	18.99	19.12	0
		8	3	18.87	19.01	19.03	0
		8	7	18.92	18.98	19.07	0
		15	0	18.86	18.96	19.07	0

LTE Conducted Power (P-Sensor ON)							
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	19.10	19.18	19.13	0
		1	2	19.12	19.03	19.01	0
		1	5	18.88	18.97	19.08	0
		3	0	19.06	19.11	19.15	0
		3	1	19.00	19.01	19.01	0
		3	3	19.08	18.96	19.10	0
		6	0	18.85	18.92	19.00	0
1.4M	16QAM	1	0	19.06	19.06	19.12	0
		1	2	18.99	19.03	19.05	0
		1	5	18.80	18.76	18.99	0
		3	0	18.89	19.11	19.09	0
		3	1	18.99	18.87	18.93	0
		3	3	18.95	18.94	19.03	0
		6	0	18.81	18.89	19.06	0
1.4M	64QAM	1	0	19.08	19.12	19.06	0
		1	2	18.89	18.91	19.16	0
		1	5	18.72	18.93	18.99	0
		3	0	18.92	19.15	19.12	0
		3	1	18.95	19.01	19.07	0
		3	3	18.78	18.86	19.00	0
		6	0	18.95	18.90	18.92	0

LTE Conducted Power (P-Sensor ON)							
LTE Band 30							
BW	MCS Index	RB Size	RB Offset		Mid		3GPP MPR (dB)
		Channel			27710		
		Frequency (MHz)			2310		
10M	QPSK	1	0		14.09		0
		1	24		13.99		0
		1	49		13.98		0
		25	0		14.08		0
		25	12		14.01		0
		25	25		14.01		0
		50	0		14.01		0
10M	16QAM	1	0		14.08		0
		1	24		14.03		0
		1	49		13.97		0
		25	0		14.06		0
		25	12		14.07		0
		25	25		14.03		0
		50	0		14.01		0
10M	64QAM	1	0		13.98		0
		1	24		13.95		0
		1	49		13.91		0
		25	0		13.99		0
		25	12		13.94		0
		25	25		13.92		0
		50	0		13.95		0
BW	MCS Index	Channel		27685	27710	27735	3GPP MPR
		Frequency (MHz)		2307.5	2310	2312.5	
5M	QPSK	1	0		14.06		0
		1	12		13.81		0
		1	24		13.81		0
		12	0		13.98		0
		12	6		13.91		0
		12	13		13.95		0
		25	0		13.82		0
5M	16QAM	1	0		14.00		0
		1	12		13.86		0
		1	24		13.87		0
		12	0		13.96		0
		12	6		14.01		0
		12	13		13.98		0
		25	0		13.90		0
5M	64QAM	1	0		13.88		0
		1	12		13.85		0
		1	24		13.72		0
		12	0		13.94		0
		12	6		13.89		0
		12	13		13.79		0
		25	0		13.87		0

LTE Conducted Power (P-Sensor ON)							
LTE Band 38							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)
		Channel		37850	38000	38150	
		Frequency (MHz)		2580	2595	2610	
20M	QPSK	1	0	15.91	15.95	15.92	0
		1	50	15.75	15.78	15.76	0
		1	99	15.58	15.61	15.59	0
		50	0	15.79	15.82	15.80	0
		50	25	15.69	15.72	15.70	0
		50	50	15.58	15.61	15.59	0
		100	0	15.70	15.73	15.71	0
20M	16QAM	1	0	15.91	15.94	15.92	0
		1	50	15.76	15.79	15.77	0
		1	99	15.56	15.59	15.57	0
		50	0	15.78	15.81	15.79	0
		50	25	15.71	15.74	15.72	0
		50	50	15.55	15.58	15.56	0
		100	0	15.69	15.72	15.70	0
20M	64QAM	1	0	15.67	15.70	15.68	0
		1	50	15.41	15.44	15.42	0
		1	99	15.30	15.33	15.31	0
		50	0	15.58	15.61	15.59	0
		50	25	15.54	15.57	15.55	0
		50	50	15.44	15.47	15.45	0
		100	0	15.44	15.47	15.45	0
BW	MCS Index	Channel		37825	38000	38175	3GPP MPR
		Frequency (MHz)		2577.5	2595	2612.5	
15M	QPSK	1	0	15.86	15.88	15.89	0
		1	37	15.70	15.73	15.75	0
		1	74	15.53	15.60	15.50	0
		36	0	15.73	15.81	15.74	0
		36	19	15.63	15.69	15.69	0
		36	39	15.51	15.59	15.56	0
		75	0	15.63	15.70	15.71	0
15M	16QAM	1	0	15.86	15.90	15.87	0
		1	37	15.67	15.76	15.72	0
		1	74	15.52	15.55	15.53	0
		36	0	15.72	15.79	15.78	0
		36	19	15.69	15.66	15.70	0
		36	39	15.54	15.50	15.50	0
		75	0	15.63	15.72	15.68	0
15M	64QAM	1	0	15.57	15.64	15.61	0
		1	37	15.39	15.37	15.42	0
		1	74	15.26	15.31	15.26	0
		36	0	15.57	15.52	15.51	0
		36	19	15.44	15.57	15.54	0
		36	39	15.41	15.46	15.36	0
		75	0	15.35	15.42	15.43	0

LTE Conducted Power (P-Sensor ON)							
LTE Band 38							
BW	MCS Index	Channel		37800	38000	38200	3GPP MPR
		Frequency (MHz)		2575	2595	2615	
10M	QPSK	1	0	15.77	15.85	15.85	0
		1	24	15.60	15.73	15.62	0
		1	49	15.47	15.58	15.56	0
		25	0	15.57	15.75	15.75	0
		25	12	15.52	15.60	15.56	0
		25	25	15.42	15.56	15.52	0
		50	0	15.60	15.50	15.69	0
10M	16QAM	1	0	15.79	15.78	15.81	0
		1	24	15.63	15.62	15.53	0
		1	49	15.44	15.43	15.56	0
		25	0	15.63	15.66	15.68	0
		25	12	15.54	15.62	15.68	0
		25	25	15.42	15.41	15.47	0
		50	0	15.58	15.57	15.67	0
10M	64QAM	1	0	15.56	15.52	15.55	0
		1	24	15.36	15.37	15.39	0
		1	49	15.20	15.20	15.11	0
		25	0	15.44	15.59	15.46	0
		25	12	15.35	15.46	15.47	0
		25	25	15.38	15.34	15.36	0
		50	0	15.31	15.36	15.28	0
BW	MCS Index	Channel		37775	38000	38225	3GPP MPR
		Frequency (MHz)		2572.5	2595	2617.5	
5M	QPSK	1	0	15.75	15.85	15.75	0
		1	12	15.51	15.66	15.49	0
		1	24	15.42	15.53	15.43	0
		12	0	15.64	15.76	15.44	0
		12	6	15.64	15.51	15.65	0
		12	13	15.58	15.47	15.34	0
		25	0	15.57	15.55	15.38	0
5M	16QAM	1	0	15.75	15.70	15.69	0
		1	12	15.61	15.64	15.69	0
		1	24	15.44	15.35	15.44	0
		12	0	15.71	15.61	15.64	0
		12	6	15.52	15.58	15.50	0
		12	13	15.39	15.49	15.33	0
		25	0	15.55	15.56	15.61	0
5M	64QAM	1	0	15.59	15.59	15.66	0
		1	12	15.39	15.25	15.36	0
		1	24	15.27	15.11	15.18	0
		12	0	15.46	15.39	15.50	0
		12	6	15.31	15.35	15.32	0
		12	13	15.38	15.30	15.36	0
		25	0	15.31	15.40	15.35	0

LTE Conducted Power (P-Sensor ON)									
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	15.31	15.49	15.43	15.26	15.35	0
		1	50	15.12	15.26	15.22	14.95	15.11	0
		1	99	14.96	15.10	15.06	14.79	14.95	0
		50	0	15.16	15.30	15.26	14.99	15.15	0
		50	25	15.05	15.19	15.15	14.88	15.04	0
		50	50	15.01	15.15	15.11	14.84	15.00	0
		100	0	15.07	15.21	15.17	14.90	15.06	0
20M	16QAM	1	0	15.32	15.46	15.42	15.15	15.31	0
		1	50	15.10	15.24	15.20	14.93	15.09	0
		1	99	14.93	15.07	15.03	14.76	14.92	0
		50	0	15.17	15.31	15.27	15.00	15.16	0
		50	25	15.02	15.16	15.12	14.85	15.01	0
		50	50	14.98	15.12	15.08	14.81	14.97	0
		100	0	15.10	15.24	15.20	14.93	15.09	0
20M	64QAM	1	0	15.28	15.42	15.38	15.11	15.27	0
		1	50	15.07	15.21	15.17	14.90	15.06	0
		1	99	14.89	15.03	14.99	14.72	14.88	0
		50	0	15.17	15.31	15.27	15.00	15.16	0
		50	25	14.98	15.12	15.08	14.81	14.97	0
		50	50	14.98	15.12	15.08	14.81	14.97	0
		100	0	15.00	15.14	15.10	14.83	14.99	0
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	15.27	15.41	15.42	15.23	15.35	0
		1	37	15.11	15.24	15.13	14.90	15.09	0
		1	74	14.91	15.00	15.03	14.70	14.88	0
		36	0	15.07	15.20	15.16	14.94	15.05	0
		36	19	14.99	15.14	15.15	14.87	14.95	0
		36	39	14.98	15.15	15.06	14.76	14.97	0
		75	0	14.98	15.12	15.13	14.83	15.01	0
15M	16QAM	1	0	15.23	15.39	15.37	15.09	15.27	0
		1	37	15.01	15.17	15.18	14.86	15.02	0
		1	74	14.83	15.02	14.99	14.73	14.90	0
		36	0	15.09	15.31	15.19	14.92	15.10	0
		36	19	14.99	15.15	15.07	14.75	14.95	0
		36	39	14.95	15.03	14.99	14.73	14.94	0
		75	0	15.03	15.24	15.10	14.90	15.00	0
15M	64QAM	1	0	15.23	15.39	15.33	15.02	15.24	0
		1	37	15.05	15.11	15.10	14.86	15.03	0
		1	74	14.82	15.01	14.99	14.68	14.83	0
		36	0	15.11	15.27	15.24	14.98	15.15	0
		36	19	14.93	15.04	14.98	14.80	14.87	0
		36	39	14.92	15.03	14.98	14.75	14.97	0
		75	0	14.90	15.05	15.04	14.77	14.99	0

LTE Conducted Power (P-Sensor ON)									
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	15.19	15.28	15.29	15.19	15.19	0
		1	24	14.91	15.14	15.09	14.92	15.00	0
		1	49	14.83	15.00	14.88	14.69	14.75	0
		25	0	15.01	15.25	15.13	14.88	15.13	0
		25	12	15.00	15.04	14.99	14.65	14.85	0
		25	25	14.96	14.97	15.02	14.68	14.89	0
		50	0	14.96	14.97	14.96	14.78	14.93	0
10M	16QAM	1	0	15.28	15.35	15.32	15.05	15.11	0
		1	24	14.88	15.19	15.14	14.78	14.96	0
		1	49	14.87	14.95	15.00	14.62	14.85	0
		25	0	15.00	15.21	15.11	14.83	15.08	0
		25	12	14.92	15.08	15.06	14.76	14.76	0
		25	25	14.87	14.97	14.87	14.72	14.82	0
		50	0	14.96	15.16	15.20	14.82	15.01	0
10M	64QAM	1	0	15.17	15.30	15.34	14.89	15.18	0
		1	24	14.96	15.14	15.01	14.76	14.98	0
		1	49	14.70	14.93	14.79	14.55	14.65	0
		25	0	15.12	15.13	15.10	14.82	15.09	0
		25	12	14.84	15.02	15.08	14.68	14.75	0
		25	25	14.87	14.98	15.00	14.69	14.80	0
		50	0	14.88	14.96	14.97	14.74	14.80	0
BW	MCS Index	Channel		39675	40148	40620	41093	41565	3GPP MPR
		Frequency (MHz)		2498.5	2545.8	2593	2640.3	2687.5	
5M	QPSK	1	0	15.19	15.29	15.25	15.15	15.08	0
		1	12	15.00	15.09	15.10	14.85	15.01	0
		1	24	14.92	14.87	14.86	14.58	14.77	0
		12	0	15.10	15.17	15.12	14.94	15.00	0
		12	6	14.95	15.00	15.00	14.72	14.86	0
		12	13	14.86	14.95	14.94	14.76	14.78	0
		25	0	14.89	15.11	14.97	14.77	14.90	0
5M	16QAM	1	0	15.24	15.40	15.27	15.06	15.16	0
		1	12	15.06	15.05	15.05	14.83	14.95	0
		1	24	14.73	14.88	14.95	14.64	14.90	0
		12	0	14.98	15.26	15.21	14.94	15.06	0
		12	6	14.88	15.08	14.98	14.81	14.94	0
		12	13	14.89	15.00	14.87	14.57	14.81	0
		25	0	14.95	15.12	15.15	14.82	14.98	0
5M	64QAM	1	0	15.25	15.28	15.26	15.04	15.14	0
		1	12	14.93	15.16	15.10	14.80	14.98	0
		1	24	14.74	14.96	14.86	14.52	14.74	0
		12	0	15.03	15.20	15.24	14.89	15.00	0
		12	6	14.88	15.00	14.96	14.76	14.82	0
		12	13	14.89	15.08	14.98	14.61	14.72	0
		25	0	14.80	15.00	14.91	14.76	14.82	0

LTE Conducted Power (P-Sensor ON)							
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	12.94	12.99	12.90	0
		1	50	12.72	12.75	12.65	0
		1	99	12.78	12.81	12.71	0
		50	0	12.85	12.88	12.78	0
		50	25	12.83	12.86	12.76	0
		50	50	12.75	12.78	12.68	0
		100	0	12.83	12.86	12.76	0
20M	16QAM	1	0	12.94	12.97	12.87	0
		1	50	12.73	12.76	12.66	0
		1	99	12.76	12.79	12.69	0
		50	0	12.80	12.83	12.73	0
		50	25	12.81	12.84	12.74	0
		50	50	12.64	12.67	12.57	0
		100	0	12.81	12.84	12.74	0
20M	64QAM	1	0	12.97	12.88	12.90	0
		1	50	12.69	12.72	12.62	0
		1	99	12.75	12.78	12.68	0
		50	0	12.87	12.90	12.80	0
		50	25	12.80	12.83	12.73	0
		50	50	12.65	12.68	12.58	0
		100	0	12.80	12.83	12.73	0
BW	MCS Index	Channel		132047	132322	132597	3GPP MPR
		Frequency (MHz)		1717.5	1745	1772.5	
15M	QPSK	1	0	12.87	12.89	12.83	0
		1	37	12.70	12.65	12.59	0
		1	74	12.69	12.72	12.61	0
		36	0	12.78	12.81	12.71	0
		36	19	12.76	12.83	12.70	0
		36	39	12.70	12.69	12.62	0
		75	0	12.75	12.76	12.74	0
15M	16QAM	1	0	12.94	12.97	12.87	0
		1	37	12.63	12.70	12.56	0
		1	74	12.70	12.69	12.62	0
		36	0	12.71	12.81	12.67	0
		36	19	12.80	12.82	12.65	0
		36	39	12.56	12.59	12.51	0
		75	0	12.71	12.75	12.74	0
15M	64QAM	1	0	12.93	12.84	12.82	0
		1	37	12.65	12.70	12.57	0
		1	74	12.66	12.73	12.66	0
		36	0	12.87	12.80	12.76	0
		36	19	12.80	12.80	12.67	0
		36	39	12.58	12.63	12.57	0
		75	0	12.70	12.77	12.65	0

LTE Conducted Power (P-Sensor ON)							
LTE Band 66							
BW	MCS Index	Channel		132022	132322	132622	3GPP MPR
		Frequency (MHz)		1715	1745	1775	
10M	QPSK	1	0	12.89	12.85	12.72	0
		1	24	12.66	12.59	12.55	0
		1	49	12.63	12.75	12.68	0
		25	0	12.80	12.76	12.72	0
		25	12	12.77	12.72	12.64	0
		25	25	12.61	12.62	12.59	0
		50	0	12.73	12.72	12.54	0
10M	16QAM	1	0	12.85	12.88	12.80	0
		1	24	12.71	12.63	12.56	0
		1	49	12.62	12.67	12.60	0
		25	0	12.58	12.62	12.59	0
		25	12	12.80	12.69	12.66	0
		25	25	12.44	12.47	12.45	0
		50	0	12.65	12.76	12.52	0
10M	64QAM	1	0	12.82	12.81	12.78	0
		1	24	12.61	12.57	12.43	0
		1	49	12.62	12.65	12.53	0
		25	0	12.85	12.85	12.69	0
		25	12	12.72	12.65	12.63	0
		25	25	12.51	12.57	12.54	0
		50	0	12.63	12.68	12.58	0
BW	MCS Index	Channel		131997	132322	132647	3GPP MPR
		Frequency (MHz)		1712.5	1745	1777.5	
5M	QPSK	1	0	12.78	12.94	12.67	0
		1	12	12.60	12.61	12.45	0
		1	24	12.76	12.70	12.50	0
		12	0	12.82	12.82	12.56	0
		12	6	12.66	12.77	12.54	0
		12	13	12.57	12.62	12.47	0
		25	0	12.76	12.76	12.57	0
5M	16QAM	1	0	12.94	12.94	12.68	0
		1	12	12.55	12.61	12.54	0
		1	24	12.58	12.72	12.47	0
		12	0	12.77	12.71	12.67	0
		12	6	12.66	12.73	12.55	0
		12	13	12.59	12.61	12.51	0
		25	0	12.67	12.84	12.69	0
5M	64QAM	1	0	12.85	12.84	12.71	0
		1	12	12.48	12.64	12.48	0
		1	24	12.70	12.58	12.59	0
		12	0	12.73	12.76	12.69	0
		12	6	12.61	12.78	12.67	0
		12	13	12.57	12.50	12.53	0
		25	0	12.66	12.77	12.54	0

LTE Conducted Power (P-Sensor ON)							
LTE Band 66							
BW	MCS Index	Channel		131987	132322	132657	3GPP MPR
		Frequency (MHz)		1711.5	1745	1778.5	
3M	QPSK	1	0	12.86	12.81	12.71	0
		1	7	12.56	12.68	12.58	0
		1	14	12.70	12.74	12.60	0
		8	0	12.64	12.82	12.70	0
		8	3	12.75	12.78	12.75	0
		8	7	12.54	12.59	12.60	0
		15	0	12.70	12.64	12.63	0
3M	16QAM	1	0	12.84	12.86	12.75	0
		1	7	12.64	12.66	12.56	0
		1	14	12.71	12.65	12.64	0
		8	0	12.74	12.72	12.66	0
		8	3	12.73	12.73	12.67	0
		8	7	12.51	12.54	12.43	0
		15	0	12.67	12.70	12.64	0
3M	64QAM	1	0	12.90	12.77	12.81	0
		1	7	12.64	12.51	12.51	0
		1	14	12.59	12.65	12.62	0
		8	0	12.82	12.82	12.65	0
		8	3	12.73	12.69	12.57	0
		8	7	12.47	12.65	12.46	0
		15	0	12.64	12.66	12.59	0
BW	MCS Index	Channel		131979	132322	132665	3GPP MPR
		Frequency (MHz)		1710.7	1745	1779.3	
1.4M	QPSK	1	0	12.80	12.78	12.80	0
		1	2	12.59	12.53	12.48	0
		1	5	12.63	12.66	12.62	0
		3	0	12.82	12.74	12.61	0
		3	1	12.68	12.74	12.67	0
		3	3	12.67	12.64	12.57	0
		6	0	12.65	12.73	12.58	0
1.4M	16QAM	1	0	12.80	12.87	12.77	0
		1	2	12.55	12.55	12.53	0
		1	5	12.57	12.65	12.56	0
		3	0	12.69	12.71	12.56	0
		3	1	12.60	12.64	12.51	0
		3	3	12.56	12.53	12.44	0
		6	0	12.61	12.83	12.50	0
1.4M	64QAM	1	0	12.76	12.79	12.76	0
		1	2	12.66	12.70	12.48	0
		1	5	12.68	12.60	12.60	0
		3	0	12.75	12.82	12.62	0
		3	1	12.72	12.64	12.57	0
		3	3	12.51	12.54	12.51	0
		6	0	12.62	12.63	12.62	0

WLAN Conducted Power (Laptop Full)			
WLAN2.4GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11b	1	2412	20.93
	6	2437	20.98
	11	2462	20.97
	12	2467	19.96
	13	2472	16.97

WLAN 5.3GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11n HT40	54	5270	18.48
	62	5310	19.96

WLAN 5.6GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11n HT40	102	5510	20.99
	110	5550	20.94
	118	5590	20.94
	126	5630	20.96
	134	5670	20.97
	142	5710	20.98

WLAN 5.8GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11ac VHT80	155	5775	20.98

WLAN Conducted Power (Laptop Full)			
WLAN2.4GHz Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11b	1	2412	20.97
	6	2437	20.99
	11	2462	20.94
	12	2467	19.97
	13	2472	16.96

Bluetooth Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
BR / EDR	0	2402	9.03
	39	2441	9.25
	78	2480	9.7
LE	0	2402	7.91
	19	2440	8.12
	39	2480	7.99

WLAN 5.3GHz Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11n HT40	54	5270	18.47
	62	5310	20.57

WLAN 5.6GHz Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11n HT40	102	5510	20.98
	110	5550	20.95
	118	5590	20.96
	126	5630	20.92
	134	5670	20.93
	142	5710	20.97

WLAN 5.8GHz Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11ac VHT80	155	5775	20.95

WLAN Conducted Power (Laptop Full)					
WLAN2.4GHz Ant 0+1					
Mode	Channel	Frequency	MIMO Ant 0 Avg. Power	MIMO Ant 1 Avg. Power	MIMO Ant 0+1 Avg. Power
802.11n HT20	1	2412	16.96	16.94	19.96
	6	2437	20.43	20.41	23.43
	11	2462	17.42	17.49	20.47
	12	2467	11.97	11.91	14.95
	13	2472	8.95	8.89	11.93

WLAN 5.3GHz Ant 0+1					
Mode	Channel	Frequency	MIMO Ant 0 Avg. Power	MIMO Ant 1 Avg. Power	MIMO Ant 0+1 Avg. Power
802.11n HT40	54	5270	15.94	15.96	18.96
	62	5310	17.93	18.32	21.14

WLAN 5.6GHz Ant 0+1					
Mode	Channel	Frequency	MIMO Ant 0 Avg. Power	MIMO Ant 1 Avg. Power	MIMO Ant 0+1 Avg. Power
802.11n HT40	102	5510	18.48	18.46	21.48
	110	5550	18.49	18.47	21.49
	118	5590	20.96	20.92	23.95
	126	5630	20.98	20.93	23.97
	134	5670	19.94	19.96	22.96
	142	5710	19.98	19.92	22.96

WLAN 5.8GHz Ant 0+1					
Mode	Channel	Frequency	MIMO Ant 0 Avg. Power	MIMO Ant 1 Avg. Power	MIMO Ant 0+1 Avg. Power
802.11n HT40	151	5755	20.99	20.95	23.98
	159	5795	20.95	20.91	23.94

WLAN Conducted Power (Tablet Full)			
WLAN2.4GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11b	1	2412	17.92
	6	2437	18
	11	2462	17.92
	12	2467	17.94
	13	2472	17.99

WLAN 5.3GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11ac VHT160	50	5250	14.88

WLAN 5.6GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11ac VHT160	114	5570	13.48

WLAN 5.8GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11ac VHT80	155	5775	13.4

WLAN Conducted Power (Tablet Full)			
WLAN2.4GHz Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11b	1	2412	17.9
	6	2437	17.99
	11	2462	17.83
	12	2467	17.91
	13	2472	17.88

Bluetooth Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
BR / EDR	0	2402	9.03
	39	2441	9.25
	78	2480	9.7
LE	0	2402	7.91
	19	2440	8.12
	39	2480	7.99

WLAN 5.3GHz Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11ac VHT160	50	5250	14.96

WLAN 5.6GHz Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11ac VHT160	114	5570	13.41

WLAN 5.8GHz Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11ac VHT80	155	5775	13.48

WLAN Conducted Power (Tablet Full)					
WLAN2.4GHz Ant 0+1					
Mode	Channel	Frequency	MIMO Ant 0 Avg. Power	MIMO Ant 1 Avg. Power	MIMO Ant 0+1 Avg. Power
802.11n HT40	3	2422	17.96	17.86	20.92
	6	2437	17.95	17.9	20.94
	9	2452	17.95	17.8	20.89
	10	2457	17.94	17.79	20.88
	11	2462	16.11	16	19.07

WLAN 5.3GHz Ant 0+1					
Mode	Channel	Frequency	MIMO Ant 0 Avg. Power	MIMO Ant 1 Avg. Power	MIMO Ant 0+1 Avg. Power
802.11ac VHT160	50	5250	14.9	14.99	17.96

WLAN 5.6GHz Ant 0+1					
Mode	Channel	Frequency	MIMO Ant 0 Avg. Power	MIMO Ant 1 Avg. Power	MIMO Ant 0+1 Avg. Power
802.11ac VHT160	114	5570	13.47	13.42	16.46

WLAN 5.8GHz Ant 0+1					
Mode	Channel	Frequency	MIMO Ant 0 Avg. Power	MIMO Ant 1 Avg. Power	MIMO Ant 0+1 Avg. Power
802.11ac VHT80	155	5775	13.39	13.42	16.42

WLAN Conducted Power (Laptop Reduction)			
WLAN2.4GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11b	1	2412	12.45
	6	2437	12.48
	11	2462	12.47
	12	2467	12.46
	13	2472	12.47

WLAN 5.3GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11ac VHT160	50	5250	9.47

WLAN 5.6GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11ac VHT160	114	5570	9.44

WLAN 5.8GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11ac VHT80	155	5775	8.47

WLAN Conducted Power (Laptop Reduction)			
WLAN2.4GHz Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11b	1	2412	12.48
	6	2437	12.49
	11	2462	12.45
	12	2467	12.43
	13	2472	12.46

WLAN 5.3GHz Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11ac VHT160	50	5250	9.49

WLAN 5.6GHz Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11ac VHT160	114	5570	9.44

WLAN 5.8GHz Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11ac VHT80	155	5775	8.48

WLAN Conducted Power (Laptop Reduction)			
WLAN2.4GHz Ant 0+1			
Mode	Channel	Frequency	MIMO Ant 0+1 Avg. Power
802.11n HT40	3	2422	15.49
	6	2437	15.5
	9	2452	15.48
	10	2457	15.46
	11	2462	15.47

WLAN 5.3GHz Ant 0+1			
Mode	Channel	Frequency	MIMO Ant 0+1 Avg. Power
802.11ac VHT160	50	5250	12.47

WLAN 5.6GHz Ant 0+1			
Mode	Channel	Frequency	MIMO Ant 0+1 Avg. Power
802.11ac VHT160	114	5570	12.49

WLAN 5.8GHz Ant 0+1			
Mode	Channel	Frequency	MIMO Ant 0+1 Avg. Power
802.11ac VHT80	155	5775	11.48

WLAN Conducted Power (Tablet Reduction)			
WLAN2.4GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11b	1	2412	17.43
	6	2437	17.48
	11	2462	17.45
	12	2467	17.47
	13	2472	17.43

WLAN 5.3GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11ac VHT160	50	5250	14.49

WLAN 5.6GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11ac VHT160	114	5570	12.97

WLAN 5.8GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11ac VHT80	155	5775	12.96

WLAN Conducted Power (Tablet Reduction)			
WLAN2.4GHz Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11b	1	2412	17.4
	6	2437	17.45
	11	2462	17.41
	12	2467	17.42
	13	2472	17.44

WLAN 5.3GHz Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11ac VHT160	50	5250	14.46

WLAN 5.6GHz Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11ac VHT160	114	5570	12.99

WLAN 5.8GHz Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11ac VHT80	155	5775	12.97

WLAN Conducted Power (Tablet Reduction)			
WLAN2.4GHz Ant 0+1			
Mode	Channel	Frequency	MIMO Ant 0+1 Avg. Power
802.11n HT40	3	2422	20.44
	6	2437	20.49
	9	2452	20.46
	10	2457	20.48
	11	2462	18.69

WLAN 5.3GHz Ant 0+1			
Mode	Channel	Frequency	MIMO Ant 0+1 Avg. Power
802.11ac VHT160	50	5250	17.48

WLAN 5.6GHz Ant 0+1			
Mode	Channel	Frequency	MIMO Ant 0+1 Avg. Power
802.11ac VHT160	114	5570	15.95

WLAN 5.8GHz Ant 0+1			
Mode	Channel	Frequency	MIMO Ant 0+1 Avg. Power
802.11ac VHT80	155	5775	15.99

Annex F. SAR Test Result

SAR Results for Body Exposure Condition.

Note:

1. SAR testing for WLAN was performed on the maximum power mode.
2. SAR testing for LTE was performed on the maximum power mode.
3. The “< 0.001” means there is no SAR value or the SAR is too low to be measured.

Tablet SAR Test Result

System & Position								DUT & Accessory			SAR							
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	RB#	RB offset	Sample	Ant Status	Power Reduction	Duty Cycle	Crest Factor	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
1	WCDMA II	RMC 12.2K	Rear Face	0	9538			1		w/	-	1.00	15.00	14.87	1.03	-0.13	0.724	0.75
2	WCDMA IV	RMC 12.2K	Rear Face	0	1413			1		w/	-	1.00	14.50	14.42	1.02	-0.12	0.462	0.47
3	WCDMA V	RMC 12.2K	Rear Face	0	4132			1		w/	-	1.00	20.00	19.59	1.10	-0.05	0.322	0.35
4	LTE 2	QPSK20M	Rear Face	0	18700	1	0	1		w/	-	1.00	14.50	14.21	1.07	-0.15	0.531	0.57
5	LTE 4	QPSK20M	Rear Face	0	20300	1	0	1		w/	-	1.00	14.00	13.83	1.04	-0.14	0.512	0.53
6	LTE 5	QPSK10M	Rear Face	0	20525	25	0	1		w/	-	1.00	19.50	18.46	1.27	-0.12	0.284	0.36
7	LTE 7	QPSK20M	Bottom Side	15	21350	1	0	1		w/o	-	1.00	24.50	24.22	1.07	-0.06	0.17	0.18
8	LTE 12	QPSK10M	Rear Face	0	23130	1	0	1		w/	-	1.00	18.00	17.84	1.04	-0.18	0.299	0.31
9	LTE 13	QPSK10M	Rear Face	0	23230	25	0	1		w/	-	1.00	19.00	18.75	1.06	-0.09	0.688	0.73
10	LTE 14	QPSK10M	Rear Face	0	23330	25	0	1		w/	-	1.00	19.00	18.81	1.04	-0.02	0.471	0.49
11	LTE 17	QPSK10M	Rear Face	0	23800	25	0	1		w/	-	1.00	19.00	18.89	1.03	0.02	0.329	0.34
12	LTE 25	QPSK20M	Rear Face	0	26590	1	0	1		w/	-	1.00	14.50	14.45	1.01	-0.03	0.511	0.52
13	LTE 26	QPSK15M	Rear Face	0	26765	1	0	1		w/	-	1.00	19.50	19.18	1.08	-0.12	0.407	0.44
14	LTE 30	QPSK10M	Rear Face	0	27710	1	0	3		w/	-	1.00	14.50	14.09	1.10	0.09	0.26	0.29
15	LTE 38	QPSK20M	Rear Face	0	37850	50	0	1		w/	-	1.00	16.00	15.79	1.05	-0.07	0.297	0.31
16	LTE 41	QPSK20M	Bottom Side	0	40185	50	0	1		w/	-	1.00	15.50	15.30	1.05	-0.05	0.061	0.06
17	LTE 66	QPSK20M	Rear Face	0	132072	1	0	1		w/	-	1.00	13.50	12.94	1.14	-0.05	0.278	0.32
	WLAN2.4G	802.11b	Rear Face	0	6			1	Ant 0	w/o	100.00	1.00	18.00	18.00	1.00	0.02	0.267	0.27
	WLAN2.4G	802.11b	Left Side	0	6			1	Ant 0	w/o	100.00	1.00	18.00	18.00	1.00	-0.09	0.228	0.23
	WLAN2.4G	802.11b	Right Side	0	6			1	Ant 0	w/o	100.00	1.00	18.00	18.00	1.00	0.02	0.047	0.05
	WLAN2.4G	802.11b	Top Side	2	6			1	Ant 0	w/o	100.00	1.00	18.00	18.00	1.00	-0.19	0.401	0.40
	WLAN2.4G	802.11b	Bottom Side	0	6			1	Ant 0	w/o	100.00	1.00	18.00	18.00	1.00	0	<0.001	0.00
	WLAN2.4G	802.11b	Rear Face	0	6			1	Ant 1	w/o	100.00	1.00	18.00	17.99	1.00	-0.14	0.206	0.21
	WLAN2.4G	802.11b	Left Side	0	6			1	Ant 1	w/o	100.00	1.00	18.00	17.99	1.00	-0.07	<0.001	0.00
	WLAN2.4G	802.11b	Right Side	0	6			1	Ant 1	w/o	100.00	1.00	18.00	17.99	1.00	-0.11	0.199	0.20
	WLAN2.4G	802.11b	Top Side	2	6			1	Ant 1	w/o	100.00	1.00	18.00	17.99	1.00	-0.17	0.465	0.47
	WLAN2.4G	802.11b	Bottom Side	0	6			1	Ant 1	w/o	100.00	1.00	18.00	17.99	1.00	0	<0.001	0.00

Tablet SAR Test Result

System & Position								DUT & Accessory			SAR							
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	RB#	RB offset	Sample	Ant Status	Power Reduction	Duty Cycle	Crest Factor	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
	WLAN2.4G	802.11n HT40	Rear Face	0	6			1	Ant 0+1	w/o	98.70	1.01	21.00	20.94	1.01	0.13	0.274	0.28
	WLAN2.4G	802.11n HT40	Left Side	0	6			1	Ant 0+1	w/o	98.70	1.01	21.00	20.94	1.01	-0.08	0.5	0.51
	WLAN2.4G	802.11n HT40	Right Side	0	6			1	Ant 0+1	w/o	98.70	1.01	21.00	20.94	1.01	0.18	0.176	0.18
	WLAN2.4G	802.11n HT40	Top Side	2	6			1	Ant 0+1	w/o	98.70	1.01	21.00	20.94	1.01	-0.15	0.645	0.66
	WLAN2.4G	802.11n HT40	Bottom Side	0	6			1	Ant 0+1	w/o	98.70	1.01	21.00	20.94	1.01	0	<0.001	0.00
	WLAN2.4G	802.11b	Top Side	0	6			1	Ant 0	w/	100.00	1.00	17.50	17.48	1.00	0.19	0.665	0.67
	WLAN2.4G	802.11b	Top Side	0	6			1	Ant 1	w/	100.00	1.00	17.50	17.45	1.01	0.01	0.714	0.72
	WLAN2.4G	802.11n HT40	Top Side	0	6			1	Ant 0+1	w/	98.70	1.01	20.50	20.49	1.00	0.08	0.998	1.01
18	WLAN2.4G	802.11n HT40	Top Side	0	3			1	Ant 0+1	w/	98.70	1.01	20.50	20.44	1.01	0.11	1.13	1.15
	WLAN2.4G	802.11n HT40	Top Side	0	9			1	Ant 0+1	w/	98.70	1.01	20.50	20.46	1.01	-0.02	0.703	0.72
	WLAN2.4G	802.11n HT40	Top Side	0	10			1	Ant 0+1	w/	98.70	1.01	20.50	20.48	1.00	0.07	1.06	1.07
	WLAN2.4G	802.11n HT40	Top Side	0	11			1	Ant 0+1	w/	98.70	1.01	20.50	18.69	1.52	-0.13	0.529	0.81
	WLAN2.4G	802.11n HT40	Top Side	0	3			2	Ant 0+1	w/	98.70	1.01	20.50	20.44	1.01	0.13	1.09	1.11
	WLAN2.4G	802.11n HT40	Top Side	0	6			2	Ant 0+1	w/	98.70	1.01	20.50	20.49	1.00	0.05	1.02	1.03
	WLAN2.4G	802.11n HT40	Top Side	0	9			2	Ant 0+1	w/	98.70	1.01	20.50	20.46	1.01	-0.01	0.913	0.93
	WLAN2.4G	802.11n HT40	Top Side	0	10			2	Ant 0+1	w/	98.70	1.01	20.50	20.48	1.00	0.02	1.02	1.03
	WLAN2.4G	802.11n HT40	Top Side	0	11			2	Ant 0+1	w/	98.70	1.01	20.50	18.69	1.52	0.19	0.633	0.97
	WLAN2.4G	802.11n HT40	Top Side	0	3			1	Ant 0+1	w/	98.70	1.01	20.50	20.44	1.01	0.09	1.06	1.08
	WLAN5.3G	802.11ac VHT160	Rear Face	0	50			1	Ant 0	w/o	98.80	1.01	15.00	14.88	1.03	-0.12	0.381	0.40
	WLAN5.3G	802.11ac VHT160	Left Side	0	50			1	Ant 0	w/o	98.80	1.01	15.00	14.88	1.03	0.03	0.334	0.35
	WLAN5.3G	802.11ac VHT160	Right Side	0	50			1	Ant 0	w/o	98.80	1.01	15.00	14.88	1.03	-0.11	0.072	0.07
	WLAN5.3G	802.11ac VHT160	Top Side	2	50			1	Ant 0	w/o	98.80	1.01	15.00	14.88	1.03	-0.05	0.985	1.02
	WLAN5.3G	802.11ac VHT160	Bottom Side	0	50			1	Ant 0	w/o	98.80	1.01	15.00	14.88	1.03	-0.03	0.131	0.14
	WLAN5.3G	802.11ac VHT160	Rear Face	0	50			1	Ant 1	w/o	97.50	1.03	15.00	14.96	1.01	-0.13	0.484	0.50
	WLAN5.3G	802.11ac VHT160	Left Side	0	50			1	Ant 1	w/o	97.50	1.03	15.00	14.96	1.01	-0.16	0.131	0.14
	WLAN5.3G	802.11ac VHT160	Right Side	0	50			1	Ant 1	w/o	97.50	1.03	15.00	14.96	1.01	0.01	0.101	0.11
	WLAN5.3G	802.11ac VHT160	Top Side	2	50			1	Ant 1	w/o	97.50	1.03	15.00	14.96	1.01	-0.12	0.987	1.03
	WLAN5.3G	802.11ac VHT160	Bottom Side	0	50			1	Ant 1	w/o	97.50	1.03	15.00	14.96	1.01	0.03	0.127	0.13
	WLAN5.3G	802.11ac VHT160	Rear Face	0	50			1	Ant 0+1	w/o	97.30	1.03	18.00	17.96	1.01	0.17	0.567	0.59
	WLAN5.3G	802.11ac VHT160	Left Side	0	50			1	Ant 0+1	w/o	97.30	1.03	18.00	17.96	1.01	0.14	0.486	0.51
	WLAN5.3G	802.11ac VHT160	Right Side	0	50			1	Ant 0+1	w/o	97.30	1.03	18.00	17.96	1.01	0.01	0.122	0.13
	WLAN5.3G	802.11ac VHT160	Top Side	2	50			1	Ant 0+1	w/o	97.30	1.03	18.00	17.96	1.01	0.17	1.1	1.14
	WLAN5.3G	802.11ac VHT160	Bottom Side	0	50			1	Ant 0+1	w/o	97.30	1.03	18.00	17.96	1.01	-0.07	0.112	0.12
	WLAN5.3G	802.11ac VHT160	Top Side	0	50			1	Ant 0	w/	98.80	1.01	14.50	14.49	1.00	-0.05	1.12	1.13
19	WLAN5.3G	802.11ac VHT160	Top Side	0	50			1	Ant 1	w/	97.50	1.03	14.50	14.46	1.01	-0.05	1.13	1.18
	WLAN5.3G	802.11ac VHT160	Top Side	0	50			1	Ant 0+1	w/	97.30	1.03	17.50	17.48	1.00	0.18	0.606	0.62
	WLAN5.3G	802.11ac VHT160	Top Side	0	50			2	Ant 1	w/	97.50	1.03	14.50	14.46	1.01	-0.11	0.902	0.94
	WLAN5.3G	802.11ac VHT160	Top Side	0	50			1	Ant 1	w/	97.50	1.03	14.50	14.46	1.01	0.04	1.11	1.15

Tablet SAR Test Result

System & Position								DUT & Accessory			SAR							
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	RB#	RB offset	Sample	Ant Status	Power Reduction	Duty Cycle	Crest Factor	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
	WLAN5.6G	802.11ac VHT160	Rear Face	0	114			1	Ant 0	w/o	98.80	1.01	13.50	13.48	1.00	0.11	0.136	0.14
	WLAN5.6G	802.11ac VHT160	Left Side	0	114			1	Ant 0	w/o	98.80	1.01	13.50	13.48	1.00	0	<0.001	0.00
	WLAN5.6G	802.11ac VHT160	Right Side	0	114			1	Ant 0	w/o	98.80	1.01	13.50	13.48	1.00	0	<0.001	0.00
	WLAN5.6G	802.11ac VHT160	Top Side	2	114			1	Ant 0	w/o	98.80	1.01	13.50	13.48	1.00	-0.01	0.364	0.37
	WLAN5.6G	802.11ac VHT160	Bottom Side	0	114			1	Ant 0	w/o	98.80	1.01	13.50	13.48	1.00	0	<0.001	0.00
	WLAN5.6G	802.11ac VHT160	Rear Face	0	114			1	Ant 1	w/o	97.50	1.03	13.50	13.41	1.02	0.05	0.224	0.24
	WLAN5.6G	802.11ac VHT160	Left Side	0	114			1	Ant 1	w/o	97.50	1.03	13.50	13.41	1.02	0	<0.001	0.00
	WLAN5.6G	802.11ac VHT160	Right Side	0	114			1	Ant 1	w/o	97.50	1.03	13.50	13.41	1.02	0	<0.001	0.00
	WLAN5.6G	802.11ac VHT160	Top Side	2	114			1	Ant 1	w/o	97.50	1.03	13.50	13.41	1.02	0.14	0.781	0.82
	WLAN5.6G	802.11ac VHT160	Bottom Side	0	114			1	Ant 1	w/o	97.50	1.03	13.50	13.41	1.02	0	<0.001	0.00
	WLAN5.6G	802.11ac VHT160	Rear Face	0	114			1	Ant 0+1	w/o	97.30	1.03	16.50	16.46	1.01	-0.02	0.231	0.24
	WLAN5.6G	802.11ac VHT160	Left Side	0	114			1	Ant 0+1	w/o	97.30	1.03	16.50	16.46	1.01	0	<0.001	0.00
	WLAN5.6G	802.11ac VHT160	Right Side	0	114			1	Ant 0+1	w/o	97.30	1.03	16.50	16.46	1.01	0	<0.001	0.00
	WLAN5.6G	802.11ac VHT160	Top Side	2	114			1	Ant 0+1	w/o	97.30	1.03	16.50	16.46	1.01	0.09	0.806	0.84
	WLAN5.6G	802.11ac VHT160	Bottom Side	0	114			1	Ant 0+1	w/o	97.30	1.03	16.50	16.46	1.01	0	<0.001	0.00
	WLAN5.6G	802.11ac VHT160	Top Side	0	114			1	Ant 0	w/	98.80	1.01	13.00	12.97	1.01	0.09	0.524	0.53
20	WLAN5.6G	802.11ac VHT160	Top Side	0	114			1	Ant 1	w/	97.50	1.03	13.00	12.99	1.00	-0.12	0.956	0.98
	WLAN5.6G	802.11ac VHT160	Top Side	0	114			1	Ant 0+1	w/	97.30	1.03	16.00	15.95	1.01	0.04	0.874	0.91
	WLAN5.6G	802.11ac VHT160	Top Side	0	114			2	Ant 1	w/	97.50	1.03	13.00	12.99	1.00	-0.15	0.592	0.61
	WLAN5.6G	802.11ac VHT160	Top Side	0	114			1	Ant 1	w/	97.50	1.03	13.00	12.99	1.00	-0.11	0.911	0.94
	WLAN5.8G	802.11ac VHT80	Rear Face	0	155			1	Ant 0	w/o	98.80	1.01	13.50	13.40	1.02	-0.11	0.259	0.27
	WLAN5.8G	802.11ac VHT80	Left Side	0	155			1	Ant 0	w/o	98.80	1.01	13.50	13.40	1.02	0.12	0.082	0.08
	WLAN5.8G	802.11ac VHT80	Right Side	0	155			1	Ant 0	w/o	98.80	1.01	13.50	13.40	1.02	0.13	0.074	0.08
	WLAN5.8G	802.11ac VHT80	Top Side	2	155			1	Ant 0	w/o	98.80	1.01	13.50	13.40	1.02	0.01	0.474	0.49
	WLAN5.8G	802.11ac VHT80	Bottom Side	0	155			1	Ant 0	w/o	98.80	1.01	13.50	13.40	1.02	0.16	0.063	0.06
	WLAN5.8G	802.11ac VHT80	Rear Face	0	155			1	Ant 1	w/o	98.80	1.01	13.50	13.48	1.00	-0.07	0.309	0.31
	WLAN5.8G	802.11ac VHT80	Left Side	0	155			1	Ant 1	w/o	98.80	1.01	13.50	13.48	1.00	-0.02	0.076	0.08
	WLAN5.8G	802.11ac VHT80	Right Side	0	155			1	Ant 1	w/o	98.80	1.01	13.50	13.48	1.00	0.17	0.101	0.10
	WLAN5.8G	802.11ac VHT80	Top Side	2	155			1	Ant 1	w/o	98.80	1.01	13.50	13.48	1.00	0.08	0.732	0.74
	WLAN5.8G	802.11ac VHT80	Bottom Side	0	155			1	Ant 1	w/o	98.80	1.01	13.50	13.48	1.00	0.08	0.068	0.07
	WLAN5.8G	802.11ac VHT80	Rear Face	0	155			1	Ant 0+1	w/o	98.80	1.01	16.50	16.42	1.02	-0.14	0.265	0.27
	WLAN5.8G	802.11ac VHT80	Left Side	0	155			1	Ant 0+1	w/o	98.80	1.01	16.50	16.42	1.02	0.17	0.074	0.08
	WLAN5.8G	802.11ac VHT80	Right Side	0	155			1	Ant 0+1	w/o	98.80	1.01	16.50	16.42	1.02	0.07	0.097	0.10
	WLAN5.8G	802.11ac VHT80	Top Side	2	155			1	Ant 0+1	w/o	98.80	1.01	16.50	16.42	1.02	0.14	0.66	0.68
	WLAN5.8G	802.11ac VHT80	Bottom Side	0	155			1	Ant 0+1	w/o	98.80	1.01	16.50	16.42	1.02	-0.19	0.108	0.11
	WLAN5.8G	802.11ac VHT80	Top Side	0	155			1	Ant 0	w/	98.80	1.01	13.00	12.96	1.01	0.13	0.528	0.54
	WLAN5.8G	802.11ac VHT80	Top Side	0	155			1	Ant 1	w/	98.80	1.01	13.00	12.97	1.01	0.01	0.799	0.82
21	WLAN5.8G	802.11ac VHT80	Top Side	0	155			1	Ant 0+1	w/	98.80	1.01	16.00	15.99	1.00	-0.14	0.855	0.86
	WLAN5.8G	802.11ac VHT80	Top Side	0	155			2	Ant 0+1	w/	98.80	1.01	16.00	15.99	1.00	0.09	0.843	0.85
	WLAN5.8G	802.11ac VHT80	Top Side	0	155			1	Ant 0+1	w/	98.80	1.01	16.00	15.99	1.00	0.01	0.839	0.85

Tablet SAR Test Result

System & Position								DUT & Accessory			SAR							
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	RB#	RB offset	Sample	Ant Status	Power Reduction	Duty Cycle	Crest Factor	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
	BT	BR / EDR	Rear Face	0	78			1	Ant 1	w/o	77.80	1.29	10.50	9.70	1.20	0	<0.001	0.00
	BT	BR / EDR	Left Side	0	78			1	Ant 1	w/o	77.80	1.29	10.50	9.70	1.20	0	<0.001	0.00
	BT	BR / EDR	Right Side	0	78			1	Ant 1	w/o	77.80	1.29	10.50	9.70	1.20	0	<0.001	0.00
	BT	BR / EDR	Top Side	0	78			1	Ant 1	w/o	77.80	1.29	10.50	9.70	1.20	0.07	0.084	0.13
	BT	BR / EDR	Bottom Side	0	78			1	Ant 1	w/o	77.80	1.29	10.50	9.70	1.20	0	<0.001	0.00
22	BT	BR / EDR	Top Side	0	0			1	Ant 1	w/o	77.80	1.29	10.50	9.03	1.40	-0.01	0.14	0.25
	BT	BR / EDR	Top Side	0	39			1	Ant 1	w/o	77.80	1.29	10.50	9.25	1.33	0.11	0.131	0.22
	BT	BR / EDR	Top Side	0	0			2	Ant 1	w/o	77.80	1.29	10.50	9.03	1.40	-0.05	0.127	0.23

Laptop SAR Test Result

System & Position								DUT & Accessory			SAR							
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	RB#	RB offset	Sample	Ant Status	Power Reduction	Duty Cycle	Crest Factor	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
23	WCDMA II	RMC 12.2K	Bottom	0	9538			1		w/	-	1.00	15.00	14.87	1.03	-0.13	0.409	0.42
24	WCDMA IV	RMC 12.2K	Bottom	0	1312			1		w/	-	1.00	14.50	14.36	1.03	-0.18	0.209	0.22
25	WCDMA V	RMC 12.2K	Bottom	0	4132			1		w/	-	1.00	20.00	19.59	1.10	-0.18	0.291	0.32
26	LTE 2	QPSK20M	Bottom	0	19100	1	0	1		w/	-	1.00	14.50	14.16	1.08	-0.07	0.333	0.36
27	LTE 4	QPSK20M	Bottom	0	20050	1	0	1		w/	-	1.00	14.00	13.96	1.01	-0.06	0.163	0.16
28	LTE 5	QPSK10M	Bottom	0	20450	1	0	1		w/	-	1.00	19.50	19.19	1.07	-0.01	0.252	0.27
29	LTE 7	QPSK20M	Bottom	0	21350	1	0	1		w/	-	1.00	11.50	11.48	1.00	-0.14	0.245	0.25
30	LTE 12	QPSK10M	Bottom	0	23130	1	0	1		w/	-	1.00	18.00	17.84	1.04	0.02	0.156	0.16
31	LTE 13	QPSK10M	Bottom	0	23230	1	0	1		w/	-	1.00	19.00	18.73	1.06	0.02	0.155	0.16
32	LTE 14	QPSK10M	Bottom	0	23330	1	0	1		w/	-	1.00	19.00	18.84	1.04	-0.06	0.364	0.38
33	LTE 17	QPSK10M	Bottom	0	23800	1	0	1		w/	-	1.00	19.00	18.92	1.02	0.02	0.203	0.21
34	LTE 25	QPSK20M	Bottom	0	26590	1	0	1		w/	-	1.00	14.50	14.45	1.01	-0.07	0.283	0.29
35	LTE 26	QPSK15M	Bottom	0	26765	1	0	1		w/	-	1.00	19.50	19.18	1.08	0.07	0.27	0.29
36	LTE 30	QPSK10M	Bottom	0	27710	1	0	1		w/	-	1.00	14.50	14.09	1.10	-0.09	0.39	0.43
37	LTE 38	QPSK20M	Bottom	0	37850	1	0	1		w/	-	1.00	16.00	15.91	1.02	-0.16	0.176	0.18
38	LTE 41	QPSK20M	Bottom	0	40185	1	0	1		w/	-	1.00	15.50	15.49	1.00	-0.19	0.171	0.17
39	LTE 66	QPSK20M	Bottom	0	132572	1	0	1		w/	-	1.00	13.50	12.90	1.15	-0.01	0.132	0.15
40	WLAN2.4G	802.11b	Bottom	0	6			1	Ant 0	w/	100.00	1.00	12.50	12.48	1.00	0.05	0.558	0.56
	WLAN2.4G	802.11b	Bottom	0	6			1	Ant 1	w/	100.00	1.00	12.50	12.49	1.00	0.11	0.705	0.71
	WLAN2.4G	802.11n HT40	Bottom	0	6			1	Ant 0+1	w/	98.70	1.01	15.50	15.50	1.00	0.01	0.649	0.66
	WLAN2.4G	802.11b	Bottom	0	1			1	Ant 1	w/	100.00	1.00	12.50	12.48	1.00	-0.03	0.417	0.42
	WLAN2.4G	802.11b	Bottom	0	11			1	Ant 1	w/	100.00	1.00	12.50	12.45	1.01	0.07	0.402	0.41
	WLAN2.4G	802.11b	Bottom	0	12			1	Ant 1	w/	100.00	1.00	12.50	12.43	1.02	-0.17	0.36	0.37
	WLAN2.4G	802.11b	Bottom	0	13			1	Ant 1	w/	100.00	1.00	12.50	12.46	1.01	-0.12	0.346	0.35
	WLAN2.4G	802.11b	Bottom	0	6			2	Ant 1	w/	100.00	1.00	12.50	12.49	1.00	0.06	0.398	0.40
41	WLAN5.3G	802.11ac VHT160	Bottom	0	50			1	Ant 0	w/	98.80	1.01	9.50	9.47	1.01	-0.11	0.486	0.50
	WLAN5.3G	802.11ac VHT160	Bottom	0	50			1	Ant 1	w/	97.50	1.03	9.50	9.49	1.00	0.1	0.352	0.36
	WLAN5.3G	802.11ac VHT160	Bottom	0	50			1	Ant 0+1	w/	97.30	1.03	12.50	12.47	1.01	-0.17	0.471	0.49

Laptop SAR Test Result

System & Position								DUT & Accessory			SAR							
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	RB#	RB offset	Sample	Ant Status	Power Reduction	Duty Cycle	Crest Factor	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
	WLAN5.3G	802.11ac VHT160	Bottom	0	50			2	Ant 0	w/	98.80	1.01	9.50	9.47	1.01	-0.03	0.467	0.48
42	WLAN5.6G	802.11ac VHT160	Bottom	0	114			1	Ant 0	w/	98.80	1.01	9.50	9.44	1.01	-0.12	0.833	0.85
	WLAN5.6G	802.11ac VHT160	Bottom	0	114			1	Ant 1	w/	97.50	1.03	9.50	9.44	1.01	0.02	0.601	0.63
	WLAN5.6G	802.11ac VHT160	Bottom	0	114			1	Ant 0+1	w/	97.30	1.03	12.50	12.49	1.00	0.12	0.676	0.70
	WLAN5.6G	802.11ac VHT160	Bottom	0	114			2	Ant 0	w/	98.80	1.01	9.50	9.44	1.01	0.15	0.8	0.82
	WLAN5.6G	802.11ac VHT160	Bottom	0	114			1	Ant 0	w/	98.80	1.01	9.50	9.44	1.01	-0.07	0.817	0.83
	WLAN5.8G	802.11ac VHT80	Bottom	0	155			1	Ant 0	w/	98.80	1.01	8.50	8.47	1.01	-0.17	0.66	0.67
	WLAN5.8G	802.11ac VHT80	Bottom	0	155			1	Ant 1	w/	98.80	1.01	8.50	8.48	1.00	-0.1	0.458	0.46
43	WLAN5.8G	802.11ac VHT80	Bottom	0	155			1	Ant 0+1	w/	98.80	1.01	11.50	11.48	1.00	-0.06	0.697	0.70
	WLAN5.8G	802.11ac VHT80	Bottom	0	155			2	Ant 0+1	w/	98.80	1.01	11.50	11.48	1.00	-0.08	0.686	0.69
	BT	BDR	Bottom	0	78			1	Ant 1	w/o	77.80	1.29	10.50	9.70	1.20	0.09	0.084	0.13
44	BT	BDR	Bottom	0	0			1	Ant 1	w/o	77.80	1.29	10.50	9.03	1.40	-0.03	0.163	0.29
	BT	BDR	Bottom	0	39			1	Ant 1	w/o	77.80	1.29	10.50	9.25	1.33	0.02	0.138	0.24
	BT	BDR	Bottom	0	0			2	Ant 1	w/o	77.80	1.29	10.50	9.03	1.40	-0.11	0.155	0.28

Annex G. SAR Measurement Variability

SAR repeated measurement are shown as below.

Repeat SAR							
Plot	Band	Mode	Test Position	Ch.	Original Measured SAR-1g (W/kg)	1st Repeated SAR-1g (W/kg)	L/S Ratio
P18	WLAN2.4G	802.11n HT40	Top Side	3	1.13	1.06	1.07
P19	WLAN5.3G	802.11ac VHT160	Top Side	50	1.13	1.11	1.02
P20	WLAN5.6G	802.11ac VHT160	Top Side	114	0.956	0.911	1.05
P21	WLAN5.8G	802.11ac VHT80	Top Side	155	0.855	0.839	1.02
P42	WLAN5.6G	802.11ac VHT160	Bottom	114	0.833	0.817	1.02

Annex H. Analysis of Simultaneous Transmission SAR.

The analysis of simultaneous transmission SAR are shown as below.

<Possibilities of Simultaneous Transmission>

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

Simultaneous TX Combination	Capable Transmit Configurations	Body Exposure Condition
A	WWAN + WLAN2.4G_Ant0	Yes
B	WWAN + WLAN2.4G_Ant1	Yes
C	WWAN + WLAN5G_Ant0	Yes
D	WWAN + WLAN5G_Ant1	Yes
E	WWAN + BT_Ant1	Yes
F	WWAN + WLAN2.4G_Ant0+BT_Ant1	Yes
G	WWAN + WLAN5G_Ant0+BT_Ant1	Yes
H	WWAN + WLAN5G_Ant1+BT_Ant1	Yes
I	WWAN + WLAN2.4G_Ant0+1	Yes
J	WWAN + WLAN5G_Ant0+1	Yes
K	WWAN + WLAN5G_Ant0+1+BT_Ant1	Yes

Notes

1. The WLAN 2.4G and WLAN 5G cannot transmit simultaneously.
2. The WLAN and Bluetooth cannot transmit simultaneously.
3. Simultaneous TX Combination A can be covered by F
4. Simultaneous TX Combination C can be covered by G
5. Simultaneous TX Combination D can be covered by H
6. Simultaneous TX Combination E can be covered by K
7. Simultaneous TX Combination J can be covered by K

Simultaneous Transmission SAR Evaluation (Tablet Mode)															
Band	Position	1	2	3	4	5	6	7	8	B (1+3)	F (1+2+8)	G (1+5+8)	H (1+6+8)	I (1+4)	K (1+7+8)
		Max WWAN	WLAN 2.4GHz Ant 0	WLAN 2.4GHz Ant 1	WLAN 2.4GHz Ant 0+1	WLAN 5GHz Ant 0	WLAN 5GHz Ant 1	WLAN 5GHz Ant 0+1	BT Ant 1	Summimg result 1g SAR W/kg	Summimg result 1g SAR W/kg	Summimg result 1g SAR W/kg	Summimg result 1g SAR W/kg	Summimg result 1g SAR W/kg	Summimg result 1g SAR W/kg
		1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg						
WCDMA II	Rear Face	0.75	0.27	0.21	0.28	0.40	0.50	0.59	0.00	0.96	1.02	1.15	1.25	1.03	1.34
	Left Side	0.07	0.23	0.00	0.51	0.35	0.14	0.51	0.00	0.07	0.30	0.42	0.21	0.58	0.58
	Right Side	0.39	0.05	0.20	0.18	0.08	0.11	0.13	0.00	0.59	0.44	0.47	0.50	0.57	0.52
	Top Side	0.00	0.67	0.72	1.15	1.13	1.18	0.97	0.25	0.72	0.92	1.38	1.43	1.15	1.22
	Bottom Side	0.13	0.00	0.00	0.00	0.14	0.13	0.12	0.00	0.13	0.13	0.27	0.26	0.13	0.25
WCDMA IV	Rear Face	0.48	0.27	0.21	0.28	0.40	0.50	0.59	0.00	0.69	0.75	0.88	0.98	0.76	1.07
	Left Side	0.05	0.23	0.00	0.51	0.35	0.14	0.51	0.00	0.05	0.28	0.40	0.19	0.56	0.56
	Right Side	0.33	0.05	0.20	0.18	0.08	0.11	0.13	0.00	0.53	0.38	0.41	0.44	0.51	0.46
	Top Side	0.00	0.67	0.72	1.15	1.13	1.18	0.97	0.25	0.72	0.92	1.38	1.43	1.15	1.22
	Bottom Side	0.08	0.00	0.00	0.00	0.14	0.13	0.12	0.00	0.08	0.08	0.22	0.21	0.08	0.20
WCDMA V	Rear Face	0.39	0.27	0.21	0.28	0.40	0.50	0.59	0.00	0.60	0.66	0.79	0.89	0.67	0.98
	Left Side	0.00	0.23	0.00	0.51	0.35	0.14	0.51	0.00	0.00	0.23	0.35	0.14	0.51	0.51
	Right Side	0.03	0.05	0.20	0.18	0.08	0.11	0.13	0.00	0.23	0.08	0.11	0.14	0.21	0.16
	Top Side	0.00	0.67	0.72	1.15	1.13	1.18	0.97	0.25	0.72	0.92	1.38	1.43	1.15	1.22
	Bottom Side	0.25	0.00	0.00	0.00	0.14	0.13	0.12	0.00	0.25	0.25	0.39	0.38	0.25	0.37
LTE 2	Rear Face	0.59	0.27	0.21	0.28	0.40	0.50	0.59	0.00	0.80	0.86	0.99	1.09	0.87	1.18
	Left Side	0.12	0.23	0.00	0.51	0.35	0.14	0.51	0.00	0.12	0.35	0.47	0.26	0.63	0.63
	Right Side	0.59	0.05	0.20	0.18	0.08	0.11	0.13	0.00	0.79	0.64	0.67	0.70	0.77	0.72
	Top Side	0.00	0.67	0.72	1.15	1.13	1.18	0.97	0.25	0.72	0.92	1.38	1.43	1.15	1.22
	Bottom Side	0.15	0.00	0.00	0.00	0.14	0.13	0.12	0.00	0.15	0.15	0.29	0.28	0.15	0.27
LTE 4	Rear Face	0.54	0.27	0.21	0.28	0.40	0.50	0.59	0.00	0.75	0.81	0.94	1.04	0.82	1.13
	Left Side	0.06	0.23	0.00	0.51	0.35	0.14	0.51	0.00	0.06	0.29	0.41	0.20	0.57	0.57
	Right Side	0.45	0.05	0.20	0.18	0.08	0.11	0.13	0.00	0.65	0.50	0.53	0.56	0.63	0.58
	Top Side	0.00	0.67	0.72	1.15	1.13	1.18	0.97	0.25	0.72	0.92	1.38	1.43	1.15	1.22
	Bottom Side	0.10	0.00	0.00	0.00	0.14	0.13	0.12	0.00	0.10	0.10	0.24	0.23	0.10	0.22
LTE 5	Rear Face	0.40	0.27	0.21	0.28	0.40	0.50	0.59	0.00	0.61	0.67	0.80	0.90	0.68	0.99
	Left Side	0.00	0.23	0.00	0.51	0.35	0.14	0.51	0.00	0.00	0.23	0.35	0.14	0.51	0.51
	Right Side	0.03	0.05	0.20	0.18	0.08	0.11	0.13	0.00	0.23	0.08	0.11	0.14	0.21	0.16
	Top Side	0.00	0.67	0.72	1.15	1.13	1.18	0.97	0.25	0.72	0.92	1.38	1.43	1.15	1.22
	Bottom Side	0.24	0.00	0.00	0.00	0.14	0.13	0.12	0.00	0.24	0.24	0.38	0.37	0.24	0.36
LTE 7	Rear Face	0.22	0.27	0.21	0.28	0.40	0.50	0.59	0.00	0.43	0.49	0.62	0.72	0.50	0.81
	Left Side	0.03	0.23	0.00	0.51	0.35	0.14	0.51	0.00	0.03	0.26	0.38	0.17	0.54	0.54
	Right Side	0.02	0.05	0.20	0.18	0.08	0.11	0.13	0.00	0.22	0.07	0.10	0.13	0.20	0.15
	Top Side	0.00	0.67	0.72	1.15	1.13	1.18	0.97	0.25	0.72	0.92	1.38	1.43	1.15	1.22
	Bottom Side	0.15	0.00	0.00	0.00	0.14	0.13	0.12	0.00	0.15	0.15	0.29	0.28	0.15	0.27

Simultaneous Transmission SAR Evaluation (Tablet Mode)															
Band	Position	1	2	3	4	5	6	7	8	B (1+3)	F (1+2+8)	G (1+5+8)	H (1+6+8)	I (1+4)	K (1+7+8)
		Max WWAN	WLAN 2.4GHz Ant 0	WLAN 2.4GHz Ant 1	WLAN 2.4GHz Ant 0+1	WLAN 5GHz Ant 0	WLAN 5GHz Ant 1	WLAN 5GHz Ant 0+1	BT Ant 1	Summimg result 1g SAR W/kg	Summimg result 1g SAR W/kg	Summimg result 1g SAR W/kg	Summimg result 1g SAR W/kg	Summimg result 1g SAR W/kg	Summimg result 1g SAR W/kg
		1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg						
LTE 12	Rear Face	0.35	0.27	0.21	0.28	0.40	0.50	0.59	0.00	0.56	0.62	0.75	0.85	0.63	0.94
	Left Side	0.00	0.23	0.00	0.51	0.35	0.14	0.51	0.00	0.00	0.23	0.35	0.14	0.51	0.51
	Right Side	0.00	0.05	0.20	0.18	0.08	0.11	0.13	0.00	0.20	0.05	0.08	0.11	0.18	0.13
	Top Side	0.00	0.67	0.72	1.15	1.13	1.18	0.97	0.25	0.72	0.92	1.38	1.43	1.15	1.22
	Bottom Side	0.18	0.00	0.00	0.00	0.14	0.13	0.12	0.00	0.18	0.18	0.32	0.31	0.18	0.30
LTE 13	Rear Face	0.76	0.27	0.21	0.28	0.40	0.50	0.59	0.00	0.97	1.03	1.16	1.26	1.04	1.35
	Left Side	0.00	0.23	0.00	0.51	0.35	0.14	0.51	0.00	0.00	0.23	0.35	0.14	0.51	0.51
	Right Side	0.09	0.05	0.20	0.18	0.08	0.11	0.13	0.00	0.29	0.14	0.17	0.20	0.27	0.22
	Top Side	0.00	0.67	0.72	1.15	1.13	1.18	0.97	0.25	0.72	0.92	1.38	1.43	1.15	1.22
	Bottom Side	0.65	0.00	0.00	0.00	0.14	0.13	0.12	0.00	0.65	0.65	0.79	0.78	0.65	0.77
LTE 14	Rear Face	0.73	0.27	0.21	0.28	0.40	0.50	0.59	0.00	0.94	1.00	1.13	1.23	1.01	1.32
	Left Side	0.00	0.23	0.00	0.51	0.35	0.14	0.51	0.00	0.00	0.23	0.35	0.14	0.51	0.51
	Right Side	0.08	0.05	0.20	0.18	0.08	0.11	0.13	0.00	0.28	0.13	0.16	0.19	0.26	0.21
	Top Side	0.00	0.67	0.72	1.15	1.13	1.18	0.97	0.25	0.72	0.92	1.38	1.43	1.15	1.22
	Bottom Side	0.58	0.00	0.00	0.00	0.14	0.13	0.12	0.00	0.58	0.58	0.72	0.71	0.58	0.70
LTE 17	Rear Face	0.47	0.27	0.21	0.28	0.40	0.50	0.59	0.00	0.68	0.74	0.87	0.97	0.75	1.06
	Left Side	0.00	0.23	0.00	0.51	0.35	0.14	0.51	0.00	0.00	0.23	0.35	0.14	0.51	0.51
	Right Side	0.00	0.05	0.20	0.18	0.08	0.11	0.13	0.00	0.20	0.05	0.08	0.11	0.18	0.13
	Top Side	0.00	0.67	0.72	1.15	1.13	1.18	0.97	0.25	0.72	0.92	1.38	1.43	1.15	1.22
	Bottom Side	0.29	0.00	0.00	0.00	0.14	0.13	0.12	0.00	0.29	0.29	0.43	0.42	0.29	0.41
LTE 25	Rear Face	0.60	0.27	0.21	0.28	0.40	0.50	0.59	0.00	0.81	0.87	1.00	1.10	0.88	1.19
	Left Side	0.06	0.23	0.00	0.51	0.35	0.14	0.51	0.00	0.06	0.29	0.41	0.20	0.57	0.57
	Right Side	0.45	0.05	0.20	0.18	0.08	0.11	0.13	0.00	0.65	0.50	0.53	0.56	0.63	0.58
	Top Side	0.00	0.67	0.72	1.15	1.13	1.18	0.97	0.25	0.72	0.92	1.38	1.43	1.15	1.22
	Bottom Side	0.14	0.00	0.00	0.00	0.14	0.13	0.12	0.00	0.14	0.14	0.28	0.27	0.14	0.26
LTE 26	Rear Face	0.79	0.27	0.21	0.28	0.40	0.50	0.59	0.00	1.00	1.06	1.19	1.29	1.07	1.38
	Left Side	0.00	0.23	0.00	0.51	0.35	0.14	0.51	0.00	0.00	0.23	0.35	0.14	0.51	0.51
	Right Side	0.07	0.05	0.20	0.18	0.08	0.11	0.13	0.00	0.27	0.12	0.15	0.18	0.25	0.20
	Top Side	0.00	0.67	0.72	1.15	1.13	1.18	0.97	0.25	0.72	0.92	1.38	1.43	1.15	1.22
	Bottom Side	0.55	0.00	0.00	0.00	0.14	0.13	0.12	0.00	0.55	0.55	0.69	0.68	0.55	0.67
LTE 30	Rear Face	0.31	0.27	0.21	0.28	0.40	0.50	0.59	0.00	0.52	0.58	0.71	0.81	0.59	0.90
	Left Side	0.21	0.23	0.00	0.51	0.35	0.14	0.51	0.00	0.21	0.44	0.56	0.35	0.72	0.72
	Right Side	0.10	0.05	0.20	0.18	0.08	0.11	0.13	0.00	0.30	0.15	0.18	0.21	0.28	0.23
	Top Side	0.00	0.67	0.72	1.15	1.13	1.18	0.97	0.25	0.72	0.92	1.38	1.43	1.15	1.22
	Bottom Side	0.05	0.00	0.00	0.00	0.14	0.13	0.12	0.00	0.05	0.05	0.19	0.18	0.05	0.17

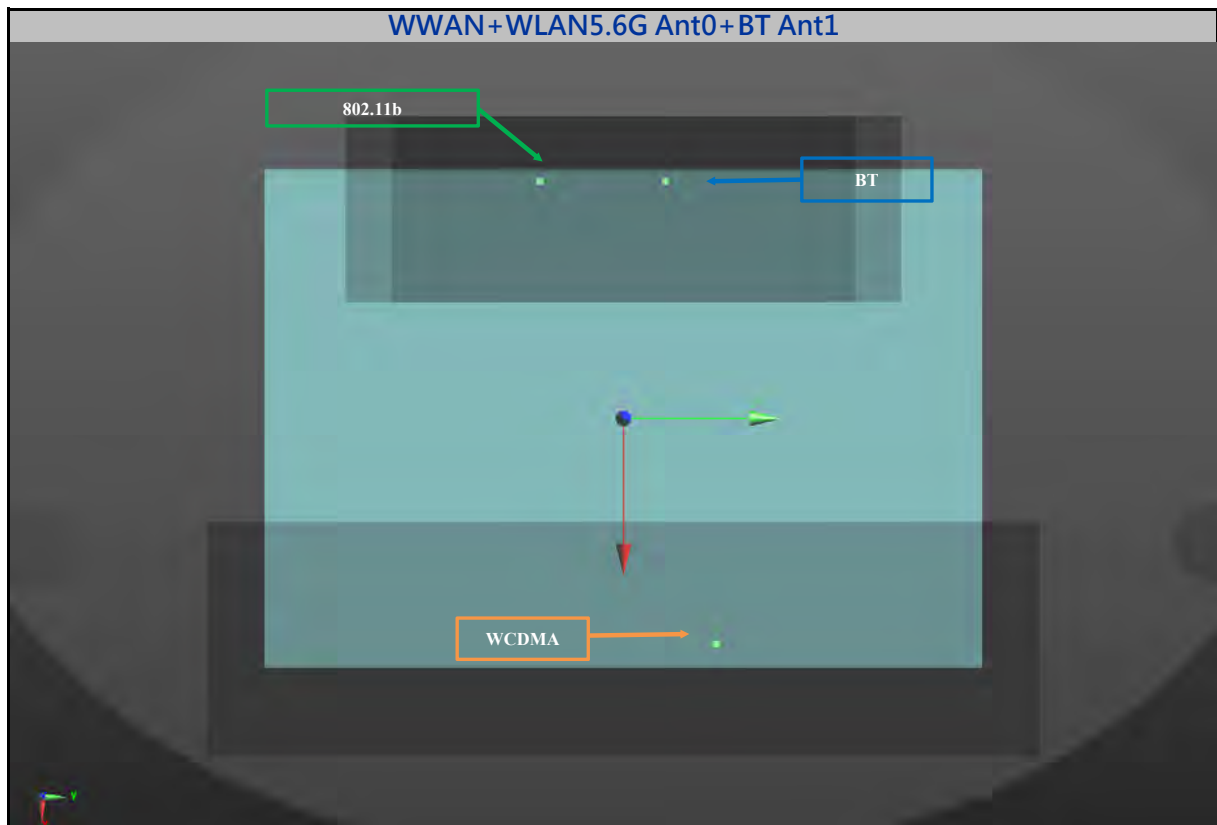
Simultaneous Transmission SAR Evaluation (Tablet Mode)															
Band	Position	1	2	3	4	5	6	7	8	B (1+3)	F (1+2+8)	G (1+5+8)	H (1+6+8)	I (1+4)	K (1+7+8)
		Max WWAN	WLAN 2.4GHz Ant 0	WLAN 2.4GHz Ant 1	WLAN 2.4GHz Ant 0+1	WLAN 5GHz Ant 0	WLAN 5GHz Ant 1	WLAN 5GHz Ant 0+1	BT Ant 1	Summimg result 1g SAR W/kg	Summimg result 1g SAR W/kg	Summimg result 1g SAR W/kg	Summimg result 1g SAR W/kg	Summimg result 1g SAR W/kg	Summimg result 1g SAR W/kg
		1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg						
LTE 38	Rear Face	0.32	0.27	0.21	0.28	0.40	0.50	0.59	0.00	0.53	0.59	0.72	0.82	0.60	0.91
	Left Side	0.01	0.23	0.00	0.51	0.35	0.14	0.51	0.00	0.01	0.24	0.36	0.15	0.52	0.52
	Right Side	0.02	0.05	0.20	0.18	0.08	0.11	0.13	0.00	0.22	0.07	0.10	0.13	0.20	0.15
	Top Side	0.00	0.67	0.72	1.15	1.13	1.18	0.97	0.25	0.72	0.92	1.38	1.43	1.15	1.22
	Bottom Side	0.24	0.00	0.00	0.00	0.14	0.13	0.12	0.00	0.24	0.24	0.38	0.37	0.24	0.36
LTE 41	Rear Face	0.16	0.27	0.21	0.28	0.40	0.50	0.59	0.00	0.37	0.43	0.56	0.66	0.44	0.75
	Left Side	0.02	0.23	0.00	0.51	0.35	0.14	0.51	0.00	0.02	0.25	0.37	0.16	0.53	0.53
	Right Side	0.00	0.05	0.20	0.18	0.08	0.11	0.13	0.00	0.20	0.05	0.08	0.11	0.18	0.13
	Top Side	0.00	0.67	0.72	1.15	1.13	1.18	0.97	0.25	0.72	0.92	1.38	1.43	1.15	1.22
	Bottom Side	0.18	0.00	0.00	0.00	0.14	0.13	0.12	0.00	0.18	0.18	0.32	0.31	0.18	0.30
LTE 66	Rear Face	0.40	0.27	0.21	0.28	0.40	0.50	0.59	0.00	0.61	0.67	0.80	0.90	0.68	0.99
	Left Side	0.07	0.23	0.00	0.51	0.35	0.14	0.51	0.00	0.07	0.30	0.42	0.21	0.58	0.58
	Right Side	0.23	0.05	0.20	0.18	0.08	0.11	0.13	0.00	0.43	0.28	0.31	0.34	0.41	0.36
	Top Side	0.00	0.67	0.72	1.15	1.13	1.18	0.97	0.25	0.72	0.92	1.38	1.43	1.15	1.22
	Bottom Side	0.07	0.00	0.00	0.00	0.14	0.13	0.12	0.00	0.07	0.07	0.21	0.20	0.07	0.19

Simultaneous Transmission SAR Evaluation (Laptop Mode)															
Band	Position	1	2	3	4	5	6	7	8	B (1+3)	F (1+2+8)	G (1+5+8)	H (1+6+8)	I (1+4)	K (1+7+8)
		Max WWAN	WLAN 2.4GHz Ant 0	WLAN 2.4GHz Ant 1	WLAN 2.4GHz Ant 0+1	WLAN 5GHz Ant 0	WLAN 5GHz Ant 1	WLAN 5GHz Ant 0+1	BT Ant 1	Summimg result 1g SAR W/kg	Summimg result 1g SAR W/kg	Summimg result 1g SAR W/kg	Summimg result 1g SAR W/kg	Summimg result 1g SAR W/kg	Summimg result 1g SAR W/kg
		1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg						
WCDMA II	Bottom	0.49	0.56	0.71	0.66	0.85	0.63	0.70	0.29	1.20	1.34	1.63	1.41	1.15	1.48
WCDMA IV	Bottom	0.29	0.56	0.71	0.66	0.85	0.63	0.70	0.29	1.00	1.14	1.43	1.21	0.95	1.28
WCDMA V	Bottom	0.59	0.56	0.71	0.66	0.85	0.63	0.70	0.29	1.30	1.44	1.73	1.51	1.25	1.58
LTE 2	Bottom	0.44	0.56	0.71	0.66	0.85	0.63	0.70	0.29	1.15	1.29	1.58	1.36	1.10	1.43
LTE 4	Bottom	0.28	0.56	0.71	0.66	0.85	0.63	0.70	0.29	0.99	1.13	1.42	1.20	0.94	1.27
LTE 5	Bottom	0.53	0.56	0.71	0.66	0.85	0.63	0.70	0.29	1.24	1.38	1.67	1.45	1.19	1.52
LTE 7	Bottom	0.55	0.56	0.71	0.66	0.85	0.63	0.70	0.29	1.26	1.40	1.69	1.47	1.21	1.54
LTE 12	Bottom	0.21	0.56	0.71	0.66	0.85	0.63	0.70	0.29	0.92	1.06	1.35	1.13	0.87	1.20
LTE 13	Bottom	0.47	0.56	0.71	0.66	0.85	0.63	0.70	0.29	1.18	1.32	1.61	1.39	1.13	1.46
LTE 14	Bottom	0.48	0.56	0.71	0.66	0.85	0.63	0.70	0.29	1.19	1.33	1.62	1.40	1.14	1.47
LTE 17	Bottom	0.21	0.56	0.71	0.66	0.85	0.63	0.70	0.29	0.92	1.06	1.35	1.13	0.87	1.20
LTE 25	Bottom	0.39	0.56	0.71	0.66	0.85	0.63	0.70	0.29	1.10	1.24	1.53	1.31	1.05	1.38
LTE 26	Bottom	0.54	0.56	0.71	0.66	0.85	0.63	0.70	0.29	1.25	1.39	1.68	1.46	1.20	1.53
LTE 30	Bottom	0.45	0.56	0.71	0.66	0.85	0.63	0.70	0.29	1.16	1.30	1.59	1.37	1.11	1.44
LTE 38	Bottom	0.19	0.56	0.71	0.66	0.85	0.63	0.70	0.29	0.90	1.04	1.33	1.11	0.85	1.18
LTE 41	Bottom	0.19	0.56	0.71	0.66	0.85	0.63	0.70	0.29	0.90	1.04	1.33	1.11	0.85	1.18
LTE 66	Bottom	0.25	0.56	0.71	0.66	0.85	0.63	0.70	0.29	0.96	1.10	1.39	1.17	0.91	1.24

Annex I. SAR to Peak Location Separation Ratio Analysis.

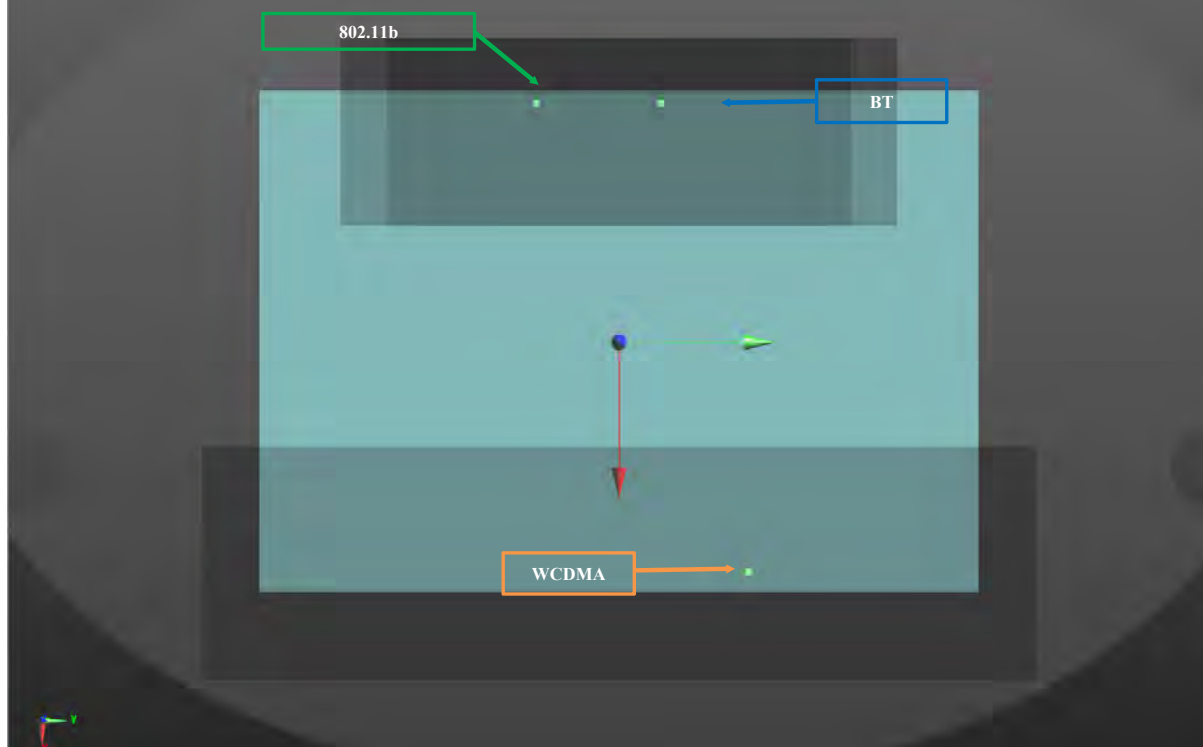
The result of analysis are shown as below.

WWAN+WLAN5.6G Ant0+BT Ant1



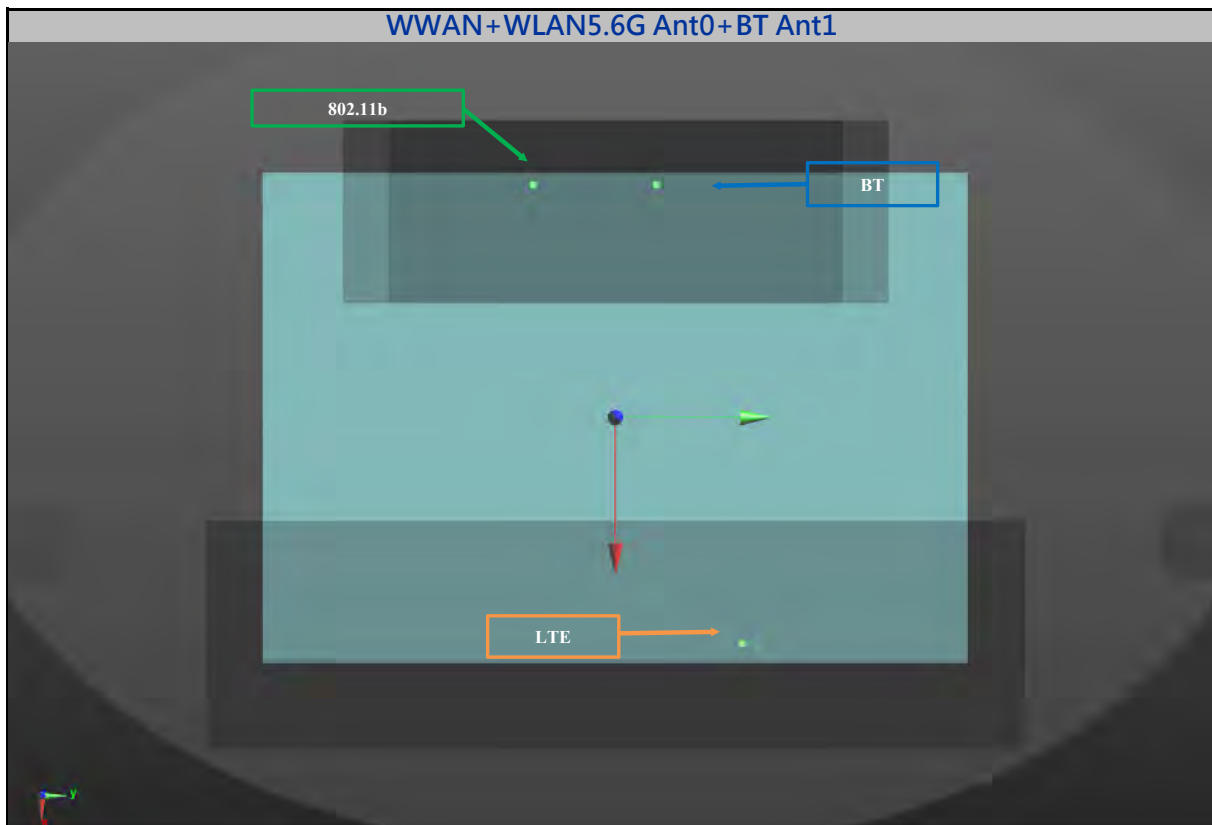
Conditions	Exposure Condition	Test Position	SAR Value (W/kg)	Coordinates			Peak Location Separation Distance (Ri, mm)	SPLSR
				x	y	z		
WCDMA II_RMC12.2K_Ch9538	Body	Bottom	0.49	97	41.6	1.54	210.5	0.01
WLAN5.6G_802.11ac VHT160_Ant 0			0.85	-99.6	-33.6	1.74		
WCDMA II_RMC12.2K_Ch9538	Body	Bottom	0.49	97	41.6	1.54	197.1	0.00
BT BDR Ch0_Ant 1			0.3	-99	21	-0.23		
WLAN5.6G_802.11ac VHT160_Ant 0	Body	Bottom	0.85	-99.6	-33.6	1.74	54.6	0.02
BT BDR Ch0_Ant 1			0.3	-99	21	-0.23		

WWAN+WLAN5.6G Ant0+BT Ant1



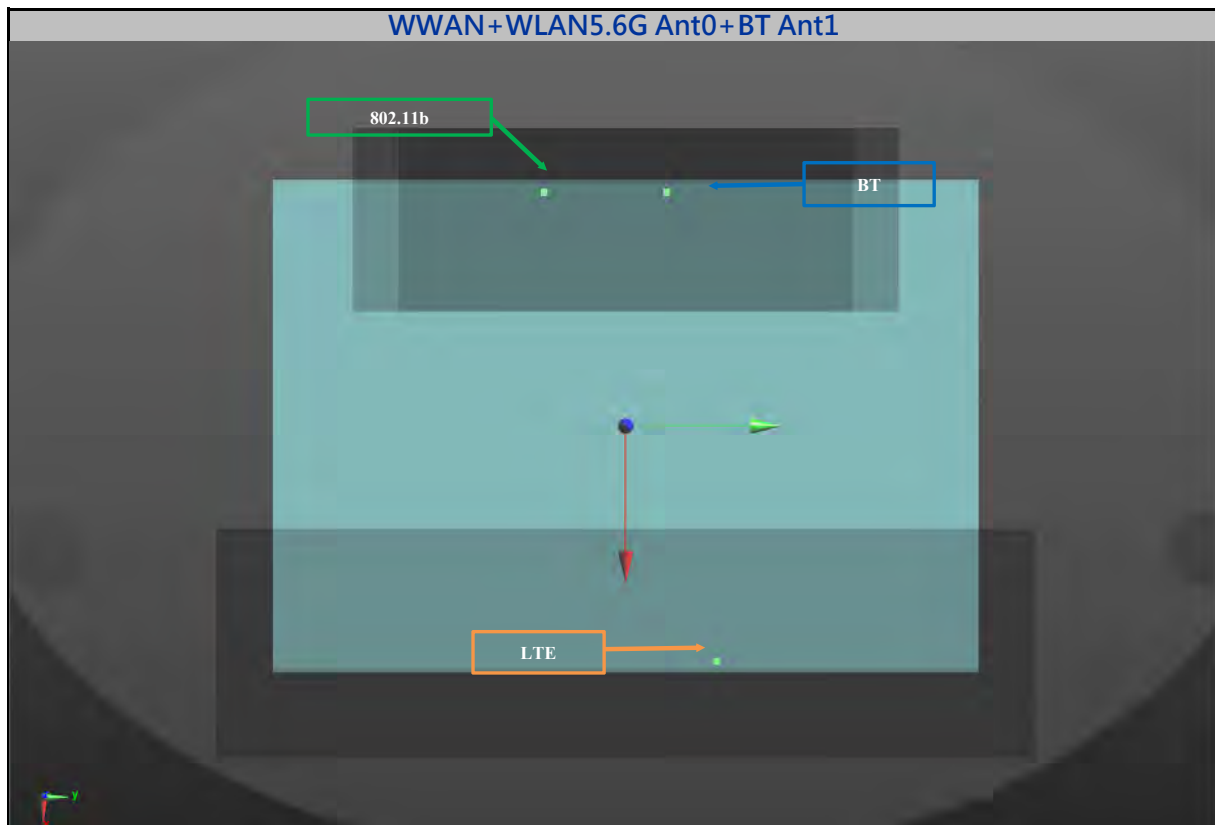
Conditions	Exposure Condition	Test Position	SAR Value (W/kg)	Coordinates			Peak Location Separation Distance (Ri, mm)	SPLSR
				x	y	z		
WCDMA V_RMC12.2K_Ch4132	Body	Bottom	0.59	99	48	1.27	214.7	0.01
WLAN5.6G_802.11ac VHT160_Ant 0			0.85	-99.6	-33.6	1.74		
WCDMA V_RMC12.2K_Ch4132	Body	Bottom	0.59	99	48	1.27	199.8	0.00
BT BDR Ch0_Ant 1			0.3	-99	21	-0.23		
WLAN5.6G_802.11ac VHT160_Ant 0	Body	Bottom	0.85	-99.6	-33.6	1.74	54.6	0.02
BT BDR Ch0_Ant 1			0.3	-99	21	-0.23		

WWAN+WLAN5.6G Ant0+BT Ant1



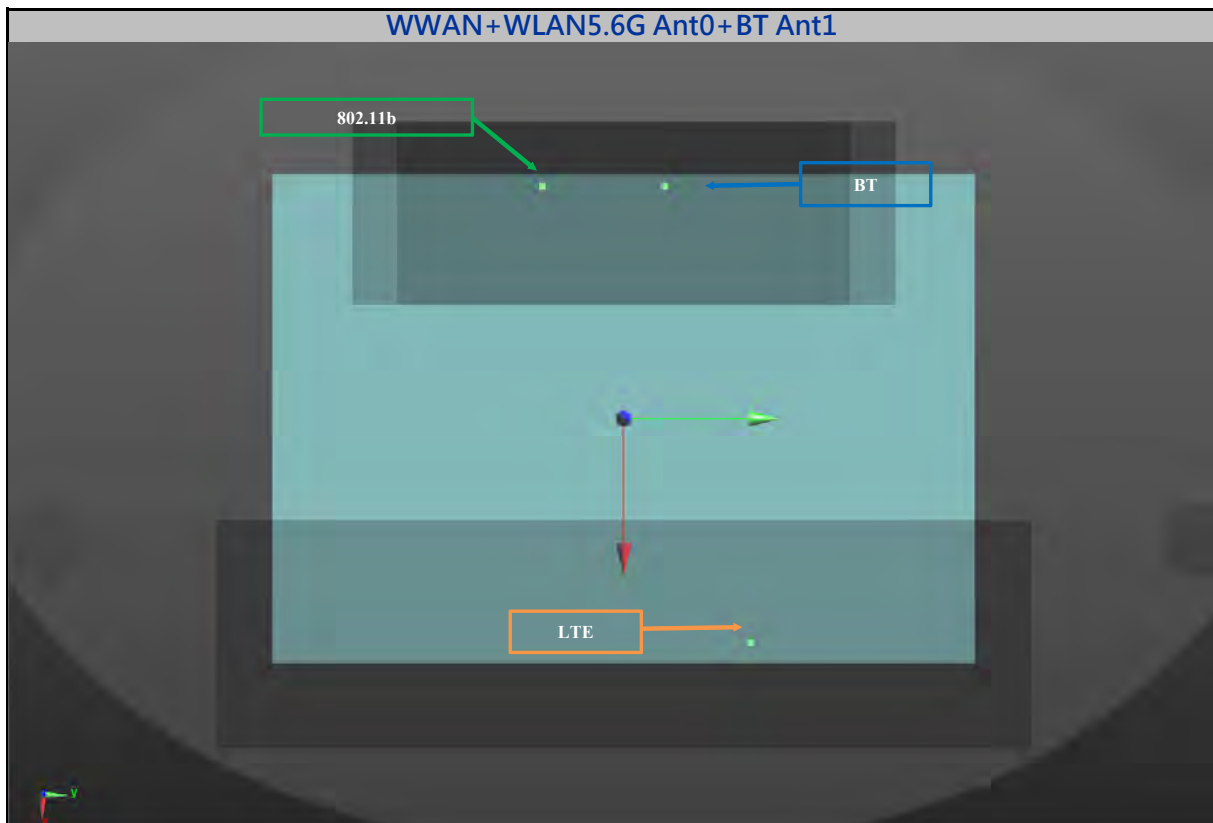
Conditions	Exposure Condition	Test Position	SAR Value (W/kg)	Coordinates			Peak Location Separation Distance (Ri, mm)	SPLSR
				x	y	z		
LTE 5 QPSK10M Ch20450	Body	Bottom	0.53	99	48	1.34	214.7	0.01
WLAN5.6G_802.11ac VHT160_Ant 0			0.85	-99.6	-33.6	1.74		
LTE 5 QPSK10M Ch20450	Body	Bottom	0.53	99	48	1.34	199.8	0.00
BT BDR Ch0_Ant 1			0.3	-99	21	-0.23		
WLAN5.6G_802.11ac VHT160_Ant 0	Body	Bottom	0.85	-99.6	-33.6	1.74	54.6	0.02
BT BDR Ch0_Ant 1			0.3	-99	21	-0.23		

WWAN+WLAN5.6G Ant0+BT Ant1



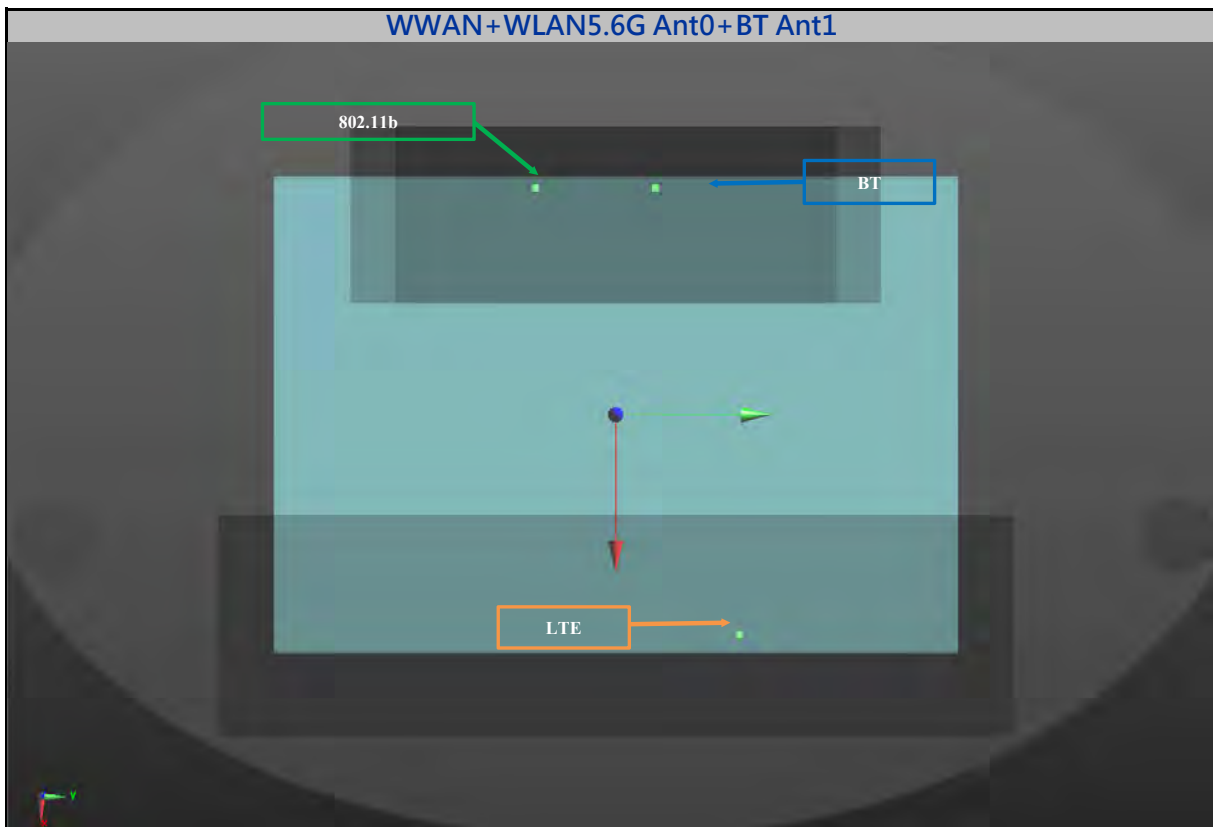
Conditions	Exposure Condition	Test Position	SAR Value (W/kg)	Coordinates			Peak Location Separation Distance (Ri, mm)	SPLSR
				x	y	z		
LTE 7 QPSK20M Ch21350	Body	Bottom	0.55	104	37	1.37	215.5	0.01
WLAN5.6G_802.11ac VHT160_Ant 0			0.85	-99.6	-33.6	1.74		
LTE 7 QPSK20M Ch21350	Body	Bottom	0.55	104	37	1.37	203.6	0.00
BT BDR Ch0_Ant 1			0.3	-99	21	-0.23		
WLAN5.6G_802.11ac VHT160_Ant 0	Body	Bottom	0.85	-99.6	-33.6	1.74	54.6	0.02
BT BDR Ch0_Ant 1			0.3	-99	21	-0.23		

WWAN+WLAN5.6G Ant0+BT Ant1



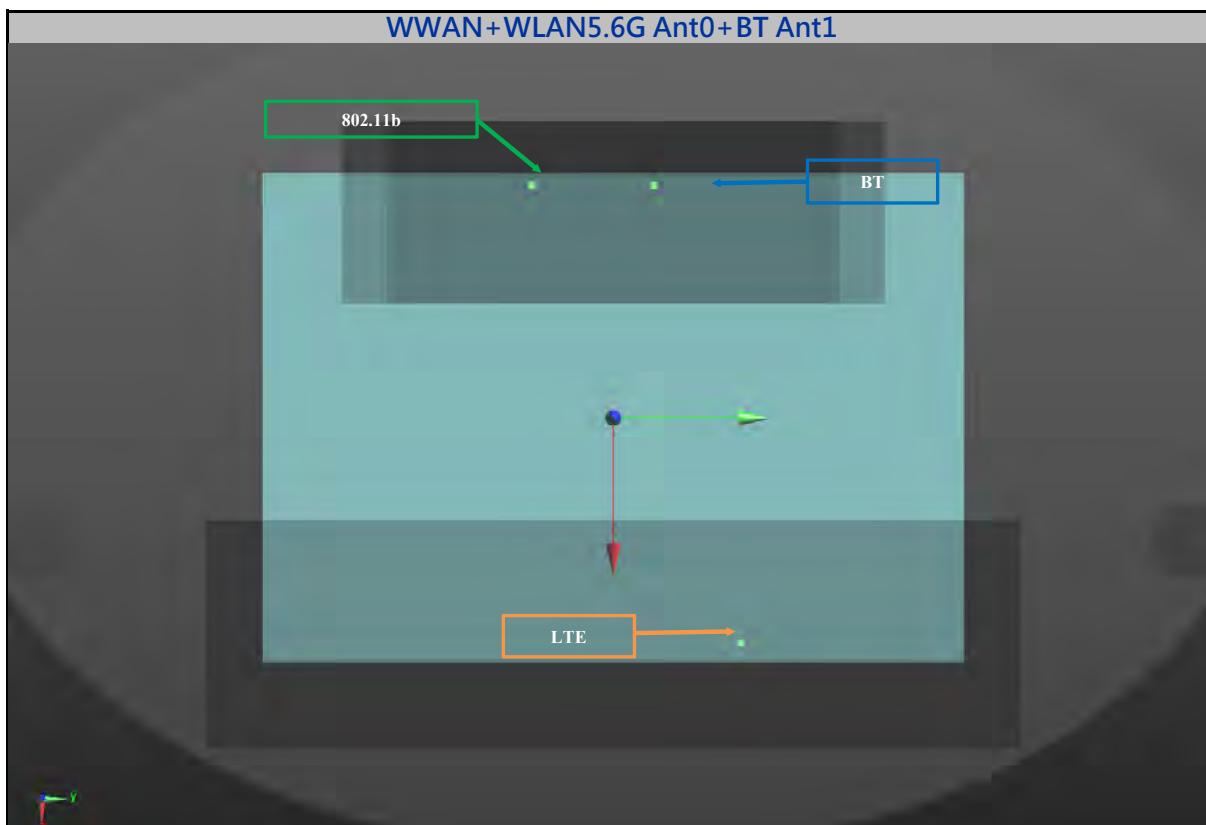
Conditions	Exposure Condition	Test Position	SAR Value (W/kg)	Coordinates			Peak Location Separation Distance (Ri, mm)	SPLSR
				x	y	z		
LTE 13 QPSK10M Ch23230	Body	Bottom	0.47	99	48	1.34	214.7	0.01
WLAN5.6G_802.11ac VHT160_Ant 0			0.85	-99.6	-33.6	1.74		
LTE 13 QPSK10M Ch23230	Body	Bottom	0.47	99	48	1.34	199.8	0.00
BT BDR Ch0_Ant 1			0.3	-99	21	-0.23		
WLAN5.6G_802.11ac VHT160_Ant 0	Body	Bottom	0.85	-99.6	-33.6	1.74	54.6	0.02
BT BDR Ch0_Ant 1			0.3	-99	21	-0.23		

WWAN+WLAN5.6G Ant0+BT Ant1



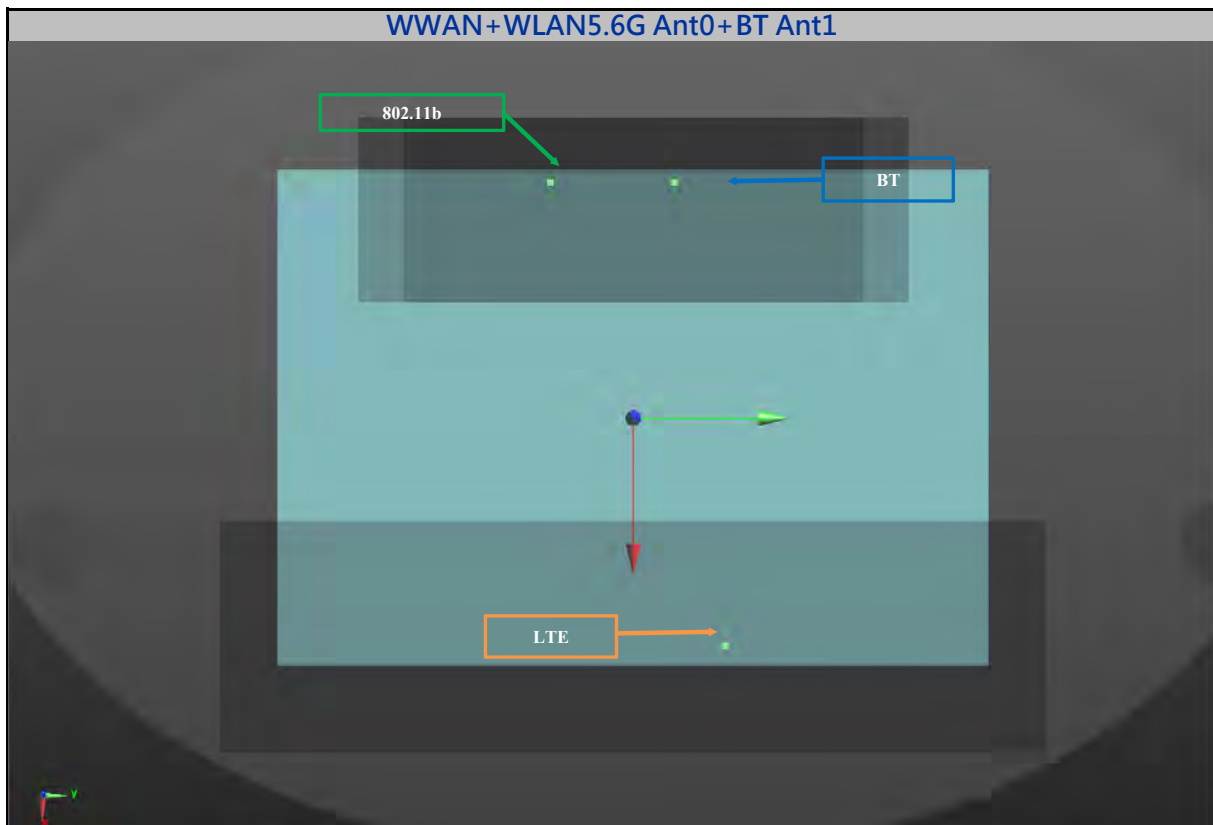
Conditions	Exposure Condition	Test Position	SAR Value (W/kg)	Coordinates			Peak Location Separation Distance (Ri, mm)	SPLSR
				x	y	z		
LTE 14 QPSK10M Ch23330	Body	Bottom	0.48	99	48	1.32	214.7	0.01
WLAN5.6G_802.11ac VHT160_Ant 0			0.85	-99.6	-33.6	1.74		
LTE 14 QPSK10M Ch23330	Body	Bottom	0.48	99	48	1.32	199.8	0.00
BT BDR Ch0_Ant 1			0.3	-99	21	-0.23		
WLAN5.6G_802.11ac VHT160_Ant 0	Body	Bottom	0.85	-99.6	-33.6	1.74	54.6	0.02
BT BDR Ch0_Ant 1			0.3	-99	21	-0.23		

WWAN+WLAN5.6G Ant0+BT Ant1



Conditions	Exposure Condition	Test Position	SAR Value (W/kg)	Coordinates			Peak Location Separation Distance (Ri, mm)	SPLSR
				x	y	z		
LTE 26 QPSK15M Ch26765	Body	Bottom	0.54	99	48	1.32	214.7	0.01
WLAN5.6G_802.11ac VHT160_Ant 0			0.85	-99.6	-33.6	1.74		
LTE 26 QPSK15M Ch26765	Body	Bottom	0.54	99	48	1.32	199.8	0.00
BT BDR Ch0_Ant 1			0.3	-99	21	-0.23		
WLAN5.6G_802.11ac VHT160_Ant 0	Body	Bottom	0.85	-99.6	-33.6	1.74	54.6	0.02
BT BDR Ch0_Ant 1			0.3	-99	21	-0.23		

WWAN+WLAN5.6G Ant0+BT Ant1



Conditions	Exposure Condition	Test Position	SAR Value (W/kg)	Coordinates			Peak Location Separation Distance (Ri, mm)	SPLSR
				x	y	z		
LTE 30 QPSK10M Ch27710	Body	Bottom	0.45	99	41	1.4	212.1	0.01
WLAN5.6G_802.11ac VHT160_Ant 0			0.85	-99.6	-33.6	1.74		
LTE 30 QPSK10M Ch27710	Body	Bottom	0.45	99	41	1.4	199.0	0.00
BT BDR Ch0_Ant 1			0.3	-99	21	-0.23		
WLAN5.6G_802.11ac VHT160_Ant 0	Body	Bottom	0.85	-99.6	-33.6	1.74	54.6	0.02
BT BDR Ch0_Ant 1			0.3	-99	21	-0.23		

Annex J. Calibration of Test Equipment List

Calibration of Test Equipment List are shown as below.

Equipment for SAR Test

Equipment	Manufacturer	Model	SN	Cal. Date	Cal. Interval
System Validation Dipole	SPEAG	D750V3	1078	Jun. 21, 2021	1 Year
System Validation Dipole	SPEAG	D835V2	4d092	Jun. 23, 2021	1 Year
System Validation Dipole	SPEAG	D1750V2	1111	Apr. 14, 2021	1 Year
System Validation Dipole	SPEAG	D1900V2	5d036	Jan. 22, 2021	1 Year
System Validation Dipole	SPEAG	D2300V2	1004	Jan. 22, 2021	1 Year
System Validation Dipole	SPEAG	D2450V2	835	Jun. 22, 2021	1 Year
System Validation Dipole	SPEAG	D2600V2	1020	Aug. 17, 2021	1 Year
System Validation Dipole	SPEAG	D5GHzV2	1019	Mar. 19, 2021	1 Year
Dosimetric E-Field Probe	SPEAG	EX3DV4	3971	Jan. 27, 2021	1 Year
Dosimetric E-Field Probe	SPEAG	EX3DV4	7537	Apr. 26, 2021	1 Year
Dosimetric E-Field Probe	SPEAG	EX3DV4	3650	Mar. 26, 2021	1 Year
Data Acquisition Electronics	SPEAG	DAE4	1277	Jan. 19, 2021	1 Year
Data Acquisition Electronics	SPEAG	DAE4	1585	Apr. 15, 2021	1 Year
Data Acquisition Electronics	SPEAG	DAE4	1431	Mar. 24, 2021	1 Year
Universal Radio Communication Tester	Anritsu	MT8821C	6201381727	Aug. 24, 2021	1 Year
Spectrum Analyzer	R&S	FSL6	102006	Apr. 06, 2021	1 Year
Universal Wireless Test Set	Anritsu	MT8870A/MU887000A	6201699387	Sep. 22, 2021	1 Year
Thermometer	YFE	YF-160A	191100743	Apr. 12, 2021	1 Year
Dielectric Assessment Kit	SPEAG	DAKS-3.5	1151	Jul. 14, 2021	1 Year
Powersource1	SPEAG	SE_UMS_160 BA	4010	Jul. 13, 2021	1 Year

Annex K. Considerations Related to Bluetooth for Setup and Testing

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

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

The duty factor of Bluetooth signal are shown as below.

<Time-domain plot for Bluetooth transmission signal>



Time-domain plot for Bluetooth transmission signal

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

$$\text{Duty Factor} = \text{Pulse Width} / \text{Total Period} = (7.712 - 4.8) / (8.544 - 4.8) = 77.78\%$$

Annex Z. Calibration Certificate for Probe and Dipole

The SPEAG calibration certificates are shown as follows.



Accredited by the Swiss Accreditation Service (SAS)

Accreditation No.: **SCS 0108**

The Swiss Accreditation Service is one of the signatories to the EA
Multilateral Agreement for the recognition of calibration certificates

Client **Auden**

Certificate No: **D750V3-1078_Jun21**

CALIBRATION CERTIFICATE

Object **D750V3 - SN:1078**

Calibration procedure(s) **QA CAL-05.v11**
Calibration Procedure for SAR Validation Sources between 0.7-3 GHz

Calibration date: **June 21, 2021**

This calibration certificate documents the traceability to national standards, which realize the physical units of measurements (SI).
The measurements and the uncertainties with confidence probability are given on the following pages and are part of the certificate.

All calibrations have been conducted in the closed laboratory facility: environment temperature (22 ± 3)°C and humidity < 70%.

Calibration Equipment used (M&TE critical for calibration)

Primary Standards	ID #	Cal Date (Certificate No.)	Scheduled Calibration
Power meter NRP	SN: 104778	09-Apr-21 (No. 217-03291/03292)	Apr-22
Power sensor NRP-Z91	SN: 103244	09-Apr-21 (No. 217-03291)	Apr-22
Power sensor NRP-Z91	SN: 103245	09-Apr-21 (No. 217-03292)	Apr-22
Reference 20 dB Attenuator	SN: BH9394 (20k)	09-Apr-21 (No. 217-03343)	Apr-22
Type-N mismatch combination	SN: 310982 / 06327	09-Apr-21 (No. 217-03344)	Apr-22
Reference Probe EX3DV4	SN: 7349	28-Dec-20 (No. EX3-7349_Dec20)	Dec-21
DAE4	SN: 601	02-Nov-20 (No. DAE4-601_Nov20)	Nov-21
Secondary Standards	ID #	Check Date (in house)	Scheduled Check
Power meter E4419B	SN: GB39512475	30-Oct-14 (in house check Oct-20)	In house check: Oct-22
Power sensor HP 8481A	SN: US37292783	07-Oct-15 (in house check Oct-20)	In house check: Oct-22
Power sensor HP 8481A	SN: MY41092317	07-Oct-15 (in house check Oct-20)	In house check: Oct-22
RF generator R&S SMT-06	SN: 100972	15-Jun-15 (in house check Oct-20)	In house check: Oct-22
Network Analyzer Agilent E8358A	SN: US41080477	31-Mar-14 (in house check Oct-20)	In house check: Oct-21

Calibrated by: **Jeffrey Katzman** **Laboratory Technician**

Approved by: **Katja Pokovic** **Technical Manager**

Signature

Issued: June 21, 2021

This calibration certificate shall not be reproduced except in full without written approval of the laboratory.



Accredited by the Swiss Accreditation Service (SAS)

Accreditation No.: **SCS 0108**

The Swiss Accreditation Service is one of the signatories to the EA
Multilateral Agreement for the recognition of calibration certificates

Glossary:

TSL	tissue simulating liquid
ConvF	sensitivity in TSL / NORM x,y,z
N/A	not applicable or not measured

Calibration is Performed According to the Following Standards:

- IEEE Std 1528-2013, "IEEE Recommended Practice for Determining the Peak Spatial-Averaged Specific Absorption Rate (SAR) in the Human Head from Wireless Communications Devices: Measurement Techniques", June 2013
- IEC 62209-1, "Measurement procedure for the assessment of Specific Absorption Rate (SAR) from hand-held and body-mounted devices used next to the ear (frequency range of 300 MHz to 6 GHz)", July 2016
- IEC 62209-2, "Procedure to determine the Specific Absorption Rate (SAR) for wireless communication devices used in close proximity to the human body (frequency range of 30 MHz to 6 GHz)", March 2010
- KDB 865664, "SAR Measurement Requirements for 100 MHz to 6 GHz"

Additional Documentation:

- DASY4/5 System Handbook

Methods Applied and Interpretation of Parameters:

- Measurement Conditions:** Further details are available from the Validation Report at the end of the certificate. All figures stated in the certificate are valid at the frequency indicated.
- Antenna Parameters with TSL:** The dipole is mounted with the spacer to position its feed point exactly below the center marking of the flat phantom section, with the arms oriented parallel to the body axis.
- Feed Point Impedance and Return Loss:** These parameters are measured with the dipole positioned under the liquid filled phantom. The impedance stated is transformed from the measurement at the SMA connector to the feed point. The Return Loss ensures low reflected power. No uncertainty required.
- Electrical Delay:** One-way delay between the SMA connector and the antenna feed point. No uncertainty required.
- SAR measured:** SAR measured at the stated antenna input power.
- SAR normalized:** SAR as measured, normalized to an input power of 1 W at the antenna connector.
- SAR for nominal TSL parameters:** The measured TSL parameters are used to calculate the nominal SAR result.

The reported uncertainty of measurement is stated as the standard uncertainty of measurement multiplied by the coverage factor $k=2$, which for a normal distribution corresponds to a coverage probability of approximately 95%.

Measurement Conditions

DASY system configuration, as far as not given on page 1.

DASY Version	DASY5	V52.10.4
Extrapolation	Advanced Extrapolation	
Phantom	Modular Flat Phantom	
Distance Dipole Center - TSL	15 mm	with Spacer
Zoom Scan Resolution	dx, dy, dz = 5 mm	
Frequency	750 MHz $\pm$ 1 MHz	

Head TSL parameters

The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal Head TSL parameters	22.0 °C	41.9	0.89 mho/m
Measured Head TSL parameters	(22.0 $\pm$ 0.2) °C	42.7 $\pm$ 6 %	0.91 mho/m $\pm$ 6 %
Head TSL temperature change during test	< 0.5 °C	----	----

SAR result with Head TSL

SAR averaged over 1 cm ³ (1 g) of Head TSL	Condition	
SAR measured	250 mW input power	2.17 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	8.58 W/kg $\pm$ 17.0 % (k=2)

SAR averaged over 10 cm ³ (10 g) of Head TSL	condition	
SAR measured	250 mW input power	1.41 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	5.59 W/kg $\pm$ 16.5 % (k=2)

Appendix (Additional assessments outside the scope of SCS 0108)

Antenna Parameters with Head TSL

Impedance, transformed to feed point	53.6 Ω - 0.7 j Ω
Return Loss	- 29.0 dB

General Antenna Parameters and Design

Electrical Delay (one direction)	1.037 ns
----------------------------------	----------

After long term use with 100W radiated power, only a slight warming of the dipole near the feedpoint can be measured.

The dipole is made of standard semirigid coaxial cable. The center conductor of the feeding line is directly connected to the second arm of the dipole. The antenna is therefore short-circuited for DC-signals. On some of the dipoles, small end caps are added to the dipole arms in order to improve matching when loaded according to the position as explained in the "Measurement Conditions" paragraph. The SAR data are not affected by this change. The overall dipole length is still according to the Standard.

No excessive force must be applied to the dipole arms, because they might bend or the soldered connections near the feedpoint may be damaged.

Additional EUT Data

Manufactured by	SPEAG
-----------------	-------

Test Laboratory: SPEAG, Zurich, Switzerland

DUT: Dipole 750 MHz; Type: D750V3; Serial: D750V3 - SN:1078

Communication System: UID 0 - CW; Frequency: 750 MHz

Medium parameters used: $f = 750$ MHz; $\sigma = 0.91$ S/m; $\epsilon_r = 42.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY52 Configuration:

- Probe: EX3DV4 - SN7349; ConvF(10.11, 10.11, 10.11) @ 750 MHz; Calibrated: 28.12.2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn601; Calibrated: 02.11.2020
- Phantom: Flat Phantom 4.9 (front); Type: QD 00L P49 AA; Serial: 1001
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Dipole Calibration for Head Tissue/Pin=250 mW, d=15mm/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 60.51 V/m; Power Drift = -0.01 dB

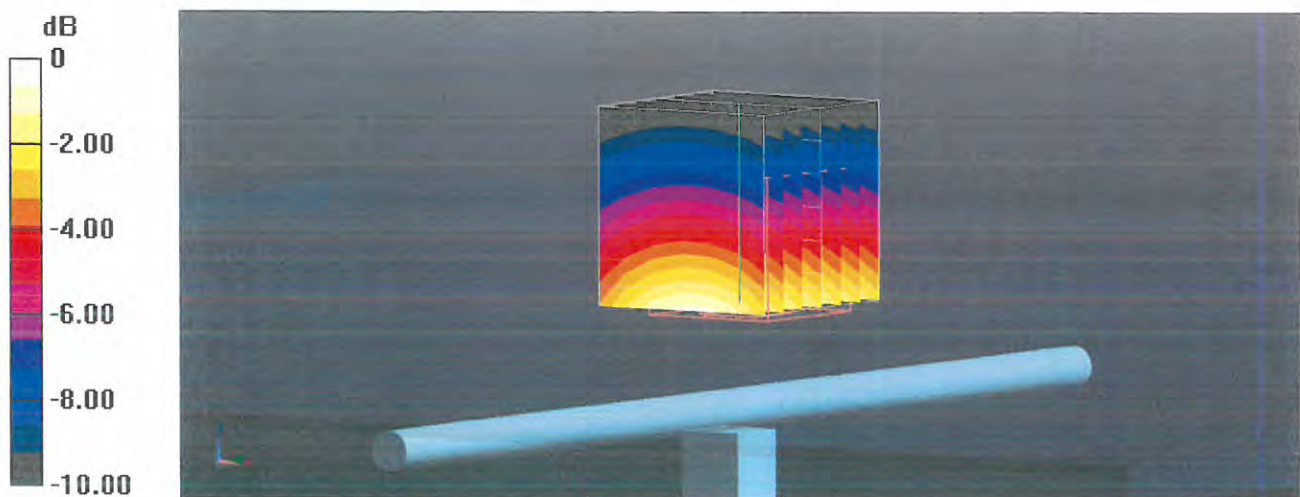
Peak SAR (extrapolated) = 3.34 W/kg

SAR(1 g) = 2.17 W/kg; SAR(10 g) = 1.41 W/kg

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

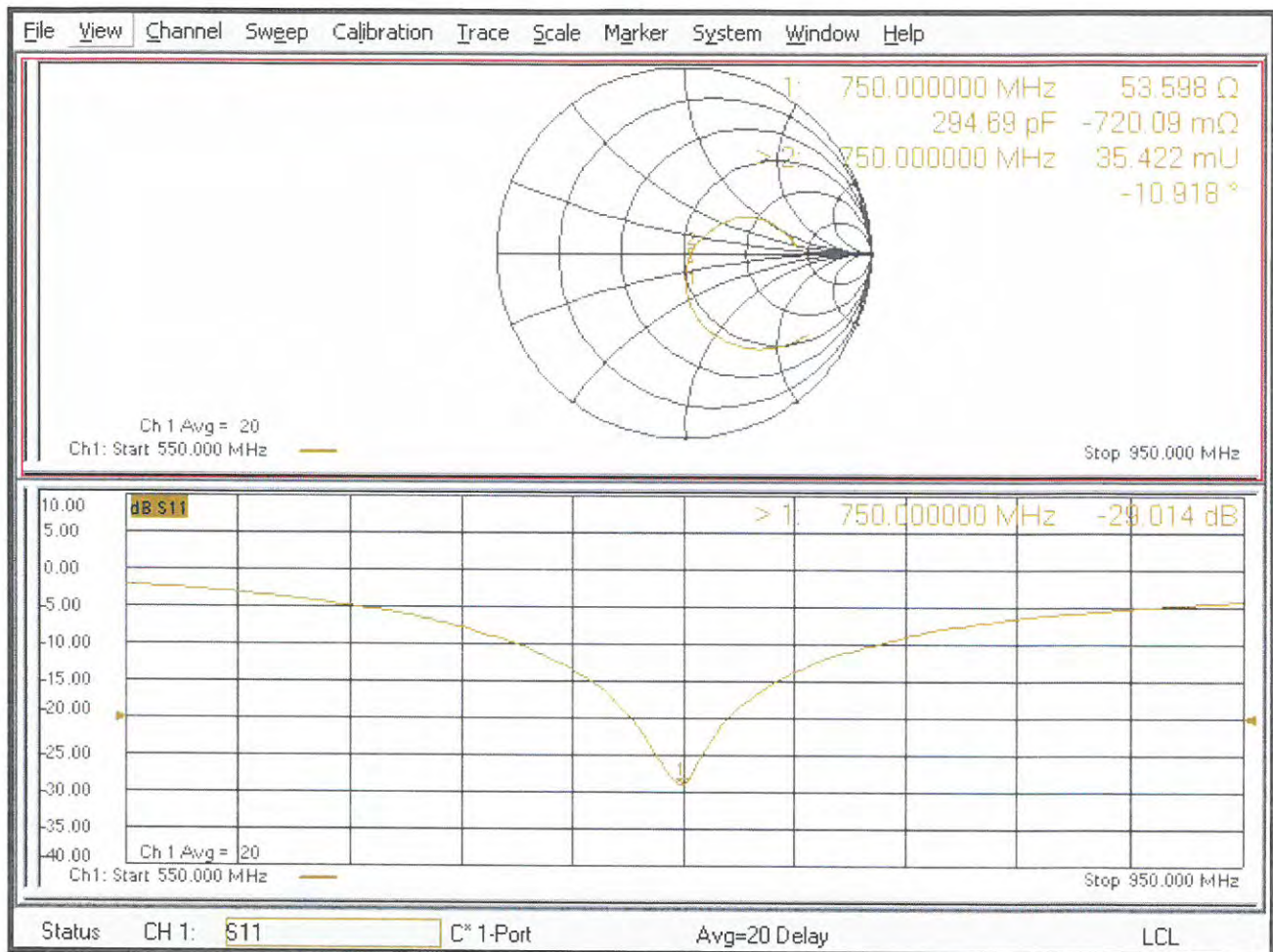
Ratio of SAR at M2 to SAR at M1 = 65.1%

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



0 dB = 2.92 W/kg = 4.66 dBW/kg

Impedance Measurement Plot for Head TSL





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Client **AUDEN**

Certificate No: **Z21-60253**

CALIBRATION CERTIFICATE

Object **D835V2 - SN: 4d092**

Calibration Procedure(s) **FF-Z11-003-01**
Calibration Procedures for dipole validation kits

Calibration date: **June 23, 2021**

This calibration Certificate documents the traceability to national standards, which realize the physical units of measurements (SI). The measurements and the uncertainties with confidence probability are given on the following pages and are part of the certificate.

All calibrations have been conducted in the closed laboratory facility: environment temperature (22±3)°C and humidity<70%.

Calibration Equipment used (M&TE critical for calibration)

Primary Standards	ID #	Cal Date (Calibrated by, Certificate No.)	Scheduled Calibration
Power Meter NRP2	106277	23-Sep-20 (CTTL, No.J20X08336)	Sep-21
Power sensor NRP8S	104291	23-Sep-20 (CTTL, No.J20X08336)	Sep-21
Reference Probe EX3DV4	SN 3846	26-Apr-21(CTTL-SPEAG,No.Z21-60084)	Apr-22
DAE4	SN 549	08-Jan-21(CTTL-SPEAG,No.Z21-60002)	Jan-22
Secondary Standards	ID #	Cal Date (Calibrated by, Certificate No.)	Scheduled Calibration
Signal Generator E4438C	MY49071430	01-Feb-21 (CTTL, No.J21X00593)	Jan-22
NetworkAnalyzer E5071C	MY46110673	14-Jan-21 (CTTL, No.J21X00232)	Jan-22

	Name	Function	Signature
Calibrated by:	Zhao Jing	SAR Test Engineer	
Reviewed by:	Lin Hao	SAR Test Engineer	
Approved by:	Qi Dianyuan	SAR Project Leader	

Issued: June 26, 2021

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Certificate No: Z21-60253

Page 1 of 6



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E-mail: cttl@chinattl.com http://www.chinattl.cn

Glossary:

TSL	tissue simulating liquid
ConvF	sensitivity in TSL / NORM _{x,y,z}
N/A	not applicable or not measured

Calibration is Performed According to the Following Standards:

- IEEE Std 1528-2013, "IEEE Recommended Practice for Determining the Peak Spatial-Averaged Specific Absorption Rate (SAR) in the Human Head from Wireless Communications Devices: Measurement Techniques", June 2013
- IEC 62209-1, "Measurement procedure for assessment of specific absorption rate of human exposure to radio frequency fields from hand-held and body-mounted wireless communication devices- Part 1: Device used next to the ear (Frequency range of 300MHz to 6GHz)", July 2016
- IEC 62209-2, "Procedure to measure the Specific Absorption Rate (SAR) For wireless communication devices used in close proximity to the human body (frequency range of 30MHz to 6GHz)", March 2010
- KDB865664, SAR Measurement Requirements for 100 MHz to 6 GHz

Additional Documentation:

- DASY4/5 System Handbook

Methods Applied and Interpretation of Parameters:

- Measurement Conditions:** Further details are available from the Validation Report at the end of the certificate. All figures stated in the certificate are valid at the frequency indicated.
- Antenna Parameters with TSL:** The dipole is mounted with the spacer to position its feed point exactly below the center marking of the flat phantom section, with the arms oriented parallel to the body axis.
- Feed Point Impedance and Return Loss:** These parameters are measured with the dipole positioned under the liquid filled phantom. The impedance stated is transformed from the measurement at the SMA connector to the feed point. The Return Loss ensures low reflected power. No uncertainty required.
- Electrical Delay:** One-way delay between the SMA connector and the antenna feed point. No uncertainty required.
- SAR measured:** SAR measured at the stated antenna input power.
- SAR normalized:** SAR as measured, normalized to an input power of 1 W at the antenna connector.
- SAR for nominal TSL parameters:** The measured TSL parameters are used to calculate the nominal SAR result.

The reported uncertainty of measurement is stated as the standard uncertainty of Measurement multiplied by the coverage factor $k=2$, which for a normal distribution Corresponds to a coverage probability of approximately 95%.



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Measurement Conditions

DASY system configuration, as far as not given on page 1.

DASY Version	DASY52	V52.10.4
Extrapolation	Advanced Extrapolation	
Phantom	Triple Flat Phantom 5.1C	
Distance Dipole Center - TSL	15 mm	with Spacer
Zoom Scan Resolution	dx, dy, dz = 5 mm	
Frequency	835 MHz $\pm$ 1 MHz	

Head TSL parameters

The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal Head TSL parameters	22.0 °C	41.5	0.90 mho/m
Measured Head TSL parameters	(22.0 $\pm$ 0.2) °C	41.0 $\pm$ 6 %	0.89 mho/m $\pm$ 6 %
Head TSL temperature change during test	<1.0 °C	----	----

SAR result with Head TSL

SAR averaged over 1 cm ³ (1 g) of Head TSL	Condition	
SAR measured	250 mW input power	2.36 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	9.49 W/kg $\pm$ 18.8 % (k=2)
SAR averaged over 10 cm ³ (10 g) of Head TSL	Condition	
SAR measured	250 mW input power	1.52 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	6.11 W/kg $\pm$ 18.7 % (k=2)



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Appendix (Additional assessments outside the scope of CNAS L0570)

Antenna Parameters with Head TSL

Impedance, transformed to feed point	53.5Ω- 2.52jΩ
Return Loss	- 27.6dB

General Antenna Parameters and Design

Electrical Delay (one direction)	1.305 ns
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After long term use with 100W radiated power, only a slight warming of the dipole near the feedpoint can be measured.

The dipole is made of standard semirigid coaxial cable. The center conductor of the feeding line is directly connected to the second arm of the dipole. The antenna is therefore short-circuited for DC-signals. On some of the dipoles, small end caps are added to the dipole arms in order to improve matching when loaded according to the position as explained in the "Measurement Conditions" paragraph. The SAR data are not affected by this change. The overall dipole length is still according to the Standard. No excessive force must be applied to the dipole arms, because they might bend or the soldered connections near the feedpoint may be damaged.

Additional EUT Data

Manufactured by	SPEAG
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DASY5 Validation Report for Head TSL

Date: 06.23.2021

Test Laboratory: CTTL, Beijing, China

DUT: Dipole 835 MHz; Type: D835V2; Serial: D835V2 - SN: 4d092

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

Medium parameters used: $f = 835$ MHz; $\sigma = 0.89$ S/m; $\epsilon_r = 40.96$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3846; ConvF(10, 10, 10) @ 835 MHz; Calibrated: 2021-04-26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn549; Calibrated: 2021-01-08
- Phantom: MFP_V5.1C (20deg probe tilt); Type: QD 000 P51 Cx; Serial: 1062
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Reference Value = 56.72 V/m; Power Drift = -0.03 dB

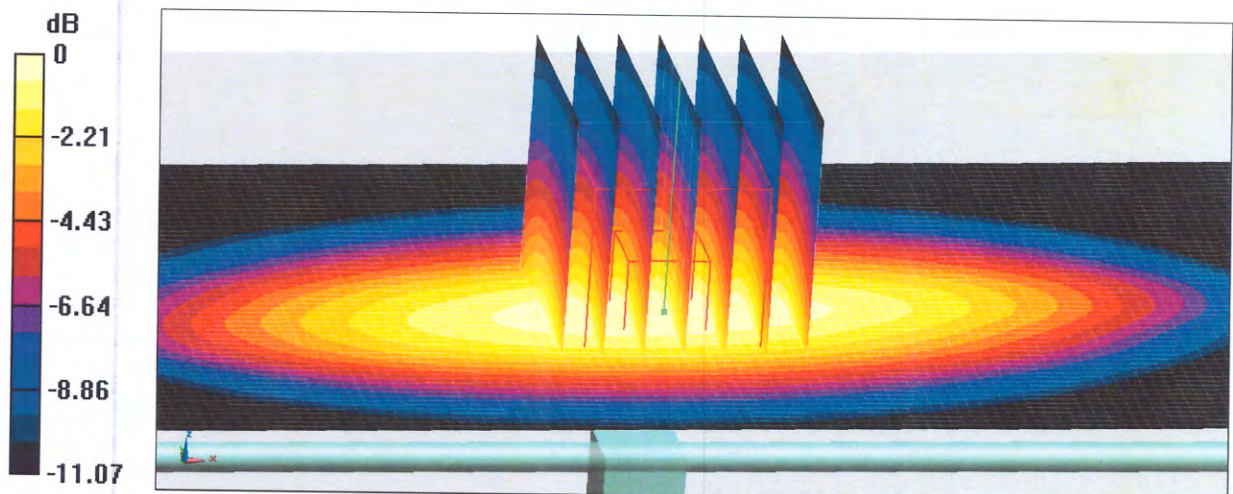
Peak SAR (extrapolated) = 3.77 W/kg

SAR(1 g) = 2.36 W/kg; SAR(10 g) = 1.52 W/kg

Smallest distance from peaks to all points 3 dB below = 17.9 mm

Ratio of SAR at M2 to SAR at M1 = 62.7%

Maximum value of SAR (measured) = 3.26 W/kg



0 dB = 3.26 W/kg = 5.13 dBW/kg



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Impedance Measurement Plot for Head TSL

