

Annex A. SAR Plots of System Verification

The plots for system verification are shown as follows.

S01 System Check_H835_210911**DUT: Dipole 835 MHz; Type: D835V2; SN: 4d092**

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

Medium: H07T10N1_0911 Medium parameters used: $f = 835$ MHz; $\sigma = 0.919$ S/m; $\epsilon_r = 42.448$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.8 °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_1245; 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) = 0.594 W/kg

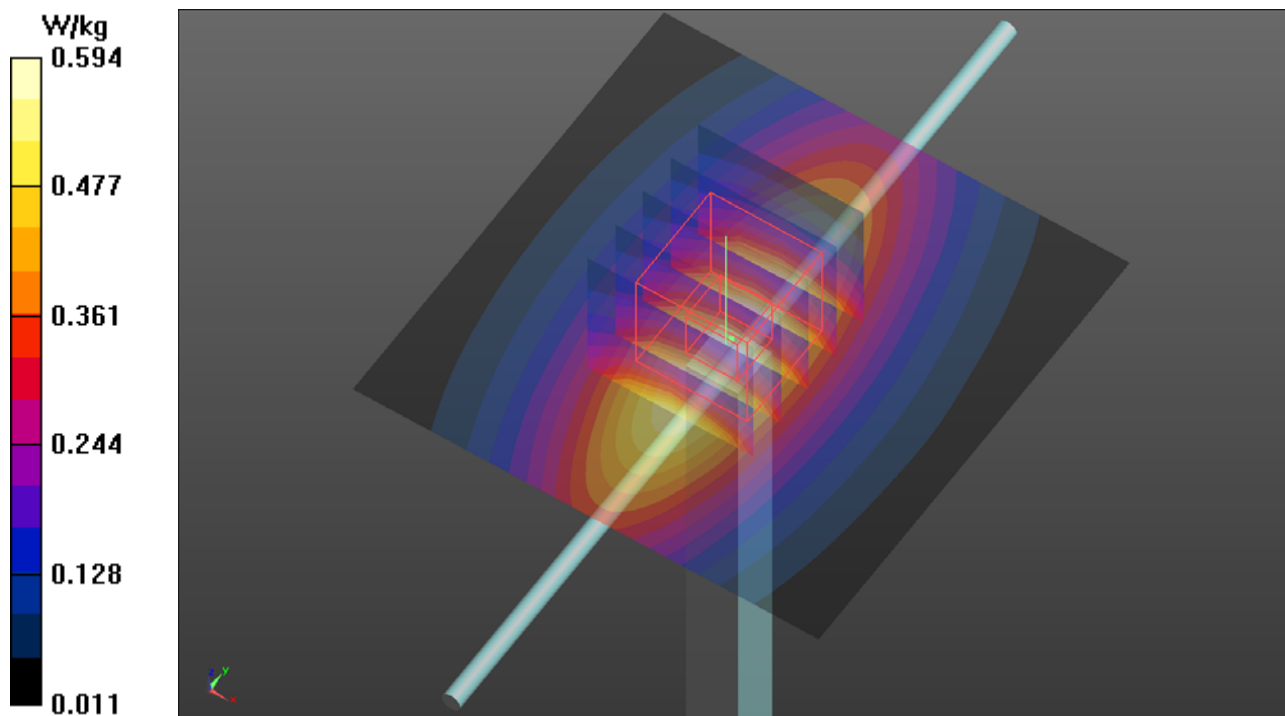
Pin=50mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.98 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.707 W/kg

SAR(1 g) = 0.457 W/kg; SAR(10 g) = 0.301 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.619 W/kg



S02 System Check_H1900_210911

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

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

Medium: H16T20N1_0911 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.459$ S/m; $\epsilon_r = 38.622$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(7.35, 7.35, 7.35) @ 1900 MHz; Calibrated: 2021/07/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1305; Calibrated: 2021/04/09
- Phantom: ELI Phantom_2105; Type: QD OVA 004 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) = 3.23 W/kg

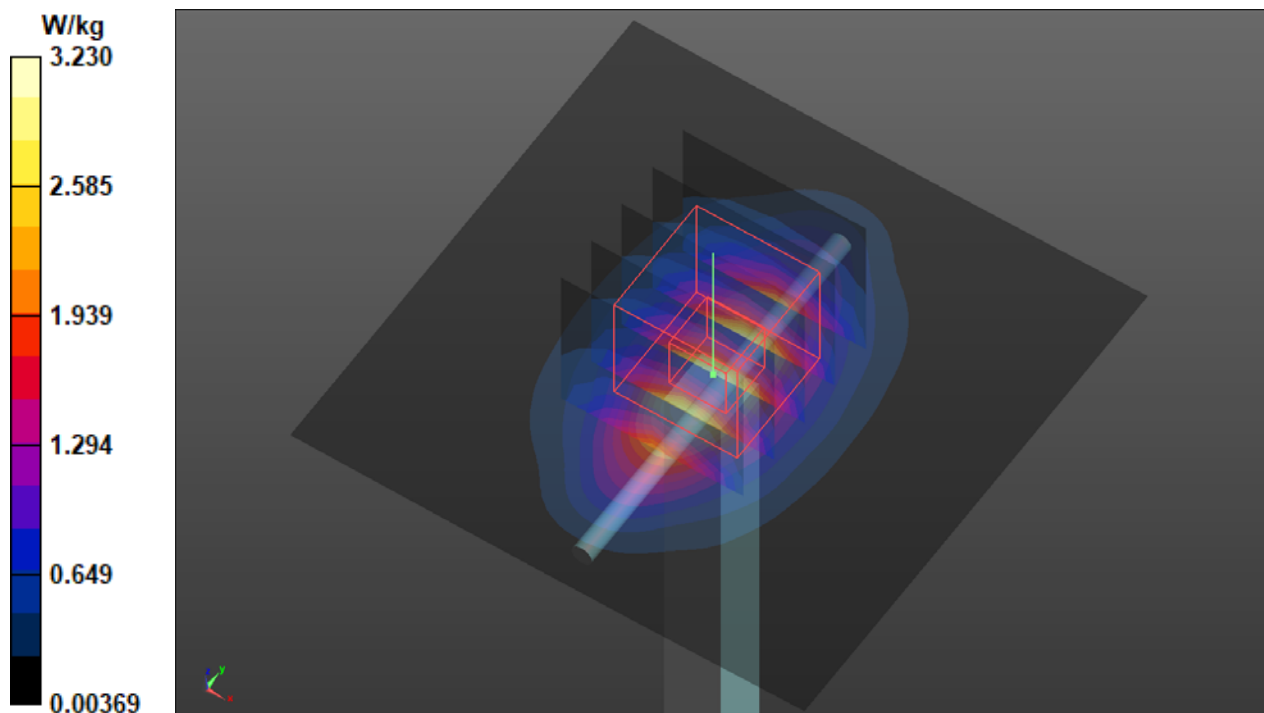
Pin=50mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 48.77 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 3.87 W/kg

SAR(1 g) = 2.01 W/kg; SAR(10 g) = 1.06 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 3.25 W/kg



S03 System Check_H1900_210818

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

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

Medium: H16T20N1_0818 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.456$ S/m; $\epsilon_r = 39.288$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(8.43, 8.43, 8.43) @ 1900 MHz; Calibrated: 2021/06/03
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2021/06/02
- Phantom: ELI Phantom_1206; 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) = 4.44 W/kg

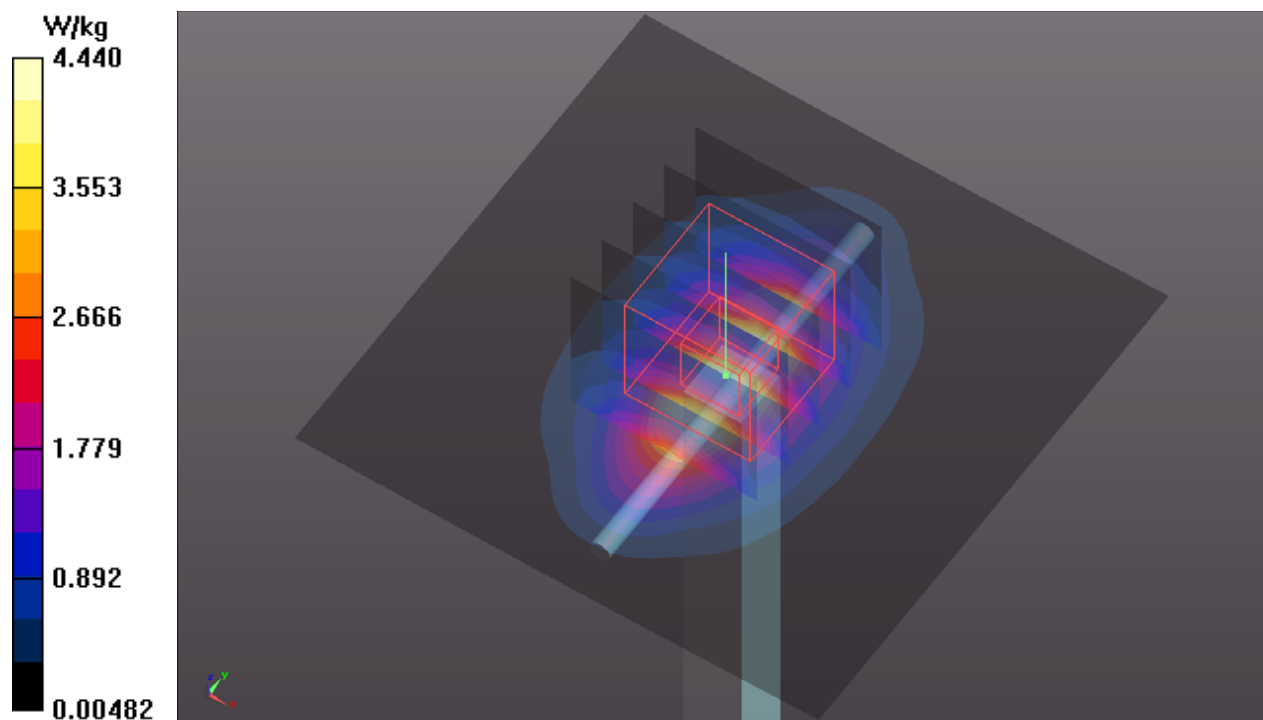
Pin=50mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 56.79 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 5.39 W/kg

SAR(1 g) = 2.15 W/kg; SAR(10 g) = 1.04 W/kg (SAR corrected for target medium)

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



S04 System Check_H1750_210818

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

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

Medium: H16T20N1_0818 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.326$ S/m; $\epsilon_r = 39.842$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(8.77, 8.77, 8.77) @ 1750 MHz; Calibrated: 2021/06/03
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2021/06/02
- Phantom: ELI Phantom_1206; 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) = 2.57 W/kg

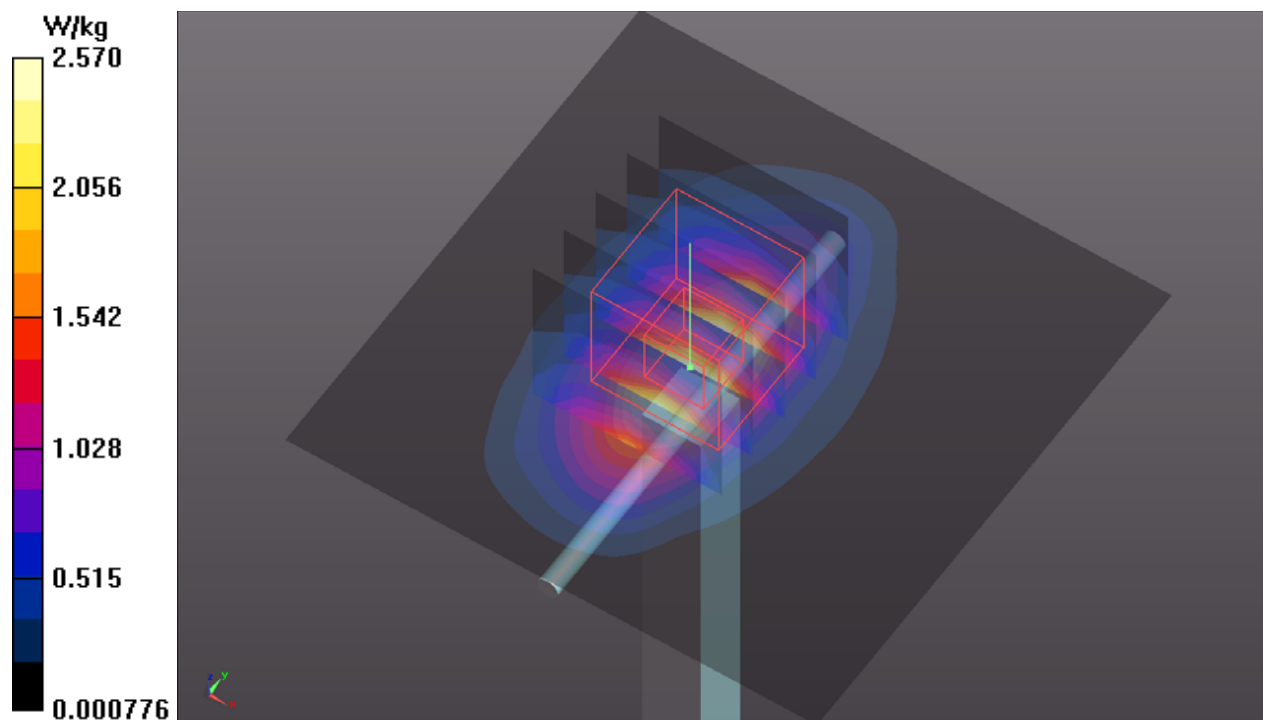
Pin=50mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 42.35 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 3.20 W/kg

SAR(1 g) = 1.74 W/kg; SAR(10 g) = 0.919 W/kg (SAR corrected for target medium)

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



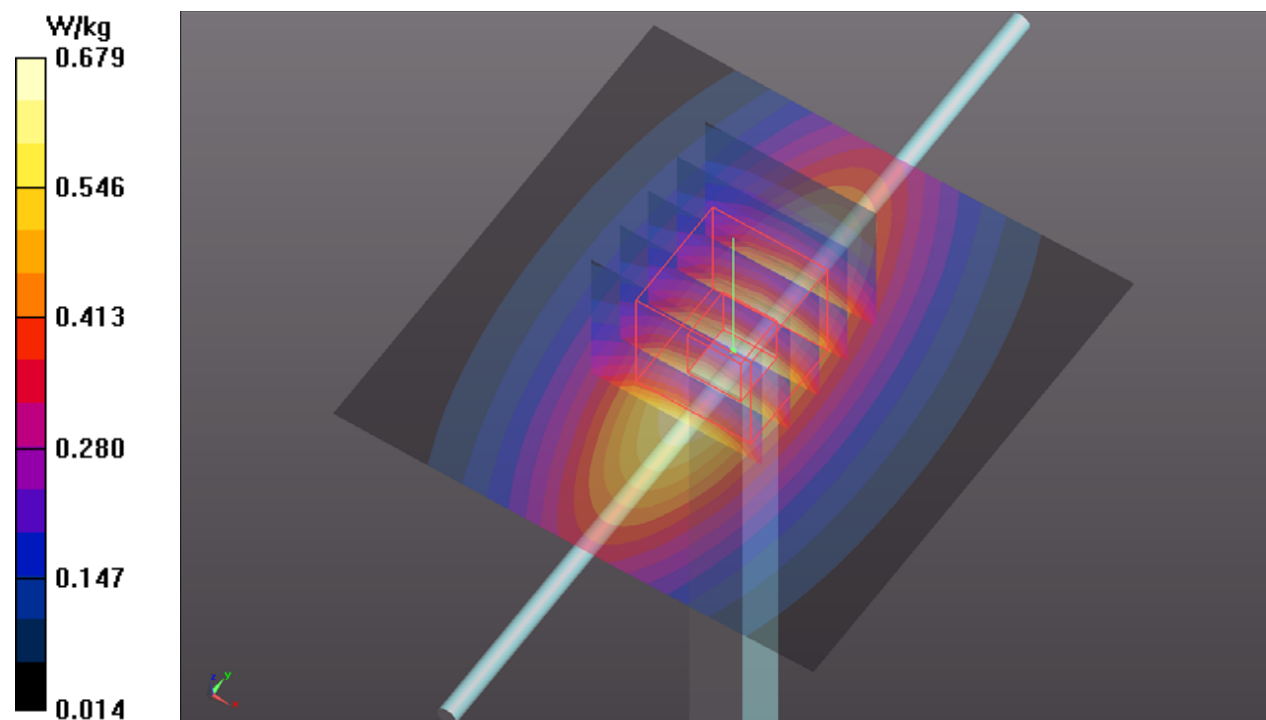
S05 System Check_H835_210817**DUT: Dipole 835 MHz; Type: D835V2; SN: 4d092**

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

Medium: H07T10N1_0817 Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 0.945 \text{ S/m}$; $\epsilon_r = 43.081$; $\rho = 1000 \text{ kg/m}^3$ Ambient Temperature : $23.7 \text{ }^\circ\text{C}$; Liquid Temperature : $23.4 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(10.05, 10.05, 10.05) @ 835 MHz; Calibrated: 2021/06/03
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2021/06/02
- Phantom: ELI Phantom_1206; Type: QDOVA002AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Pin=50mW/Area Scan (61x61x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 0.679 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 = 28.11 V/m ; Power Drift = -0.03 dB Peak SAR (extrapolated) = 0.777 W/kg **SAR(1 g) = 0.496 W/kg ; SAR(10 g) = 0.325 W/kg** (SAR corrected for target medium)Maximum value of SAR (measured) = 0.683 W/kg 

S06 System Check_H1750_210818

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

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

Medium: H16T20N1_0818 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.326$ S/m; $\epsilon_r = 39.842$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(8.77, 8.77, 8.77) @ 1750 MHz; Calibrated: 2021/06/03
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2021/06/02
- Phantom: ELI Phantom_1206; 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) = 2.57 W/kg

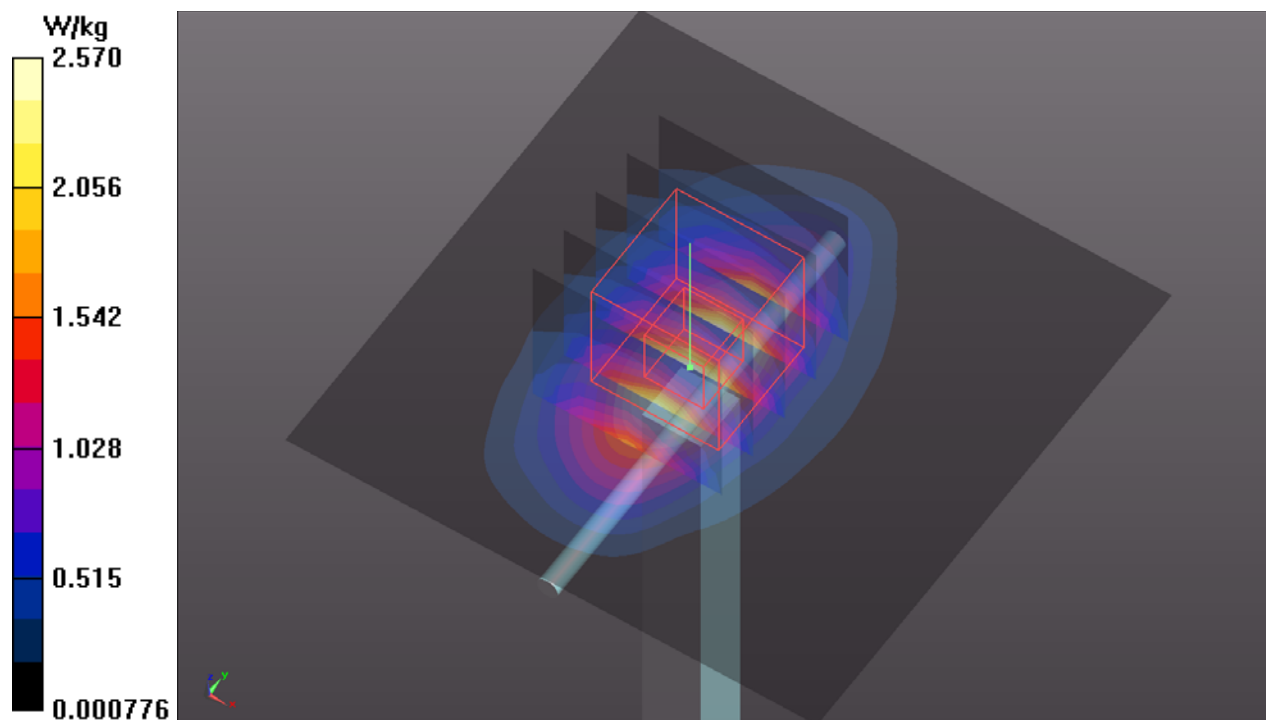
Pin=50mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 42.35 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 3.20 W/kg

SAR(1 g) = 1.74 W/kg; SAR(10 g) = 0.919 W/kg (SAR corrected for target medium)

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



S07 System Check_H835_210817**DUT: Dipole 835 MHz; Type: D835V2; SN: 4d092**

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

Medium: H07T10N1_0817 Medium parameters used: $f = 835$ MHz; $\sigma = 0.945$ S/m; $\epsilon_r = 43.081$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(10.05, 10.05, 10.05) @ 835 MHz; Calibrated: 2021/06/03
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2021/06/02
- Phantom: ELI Phantom_1206; 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) = 0.679 W/kg

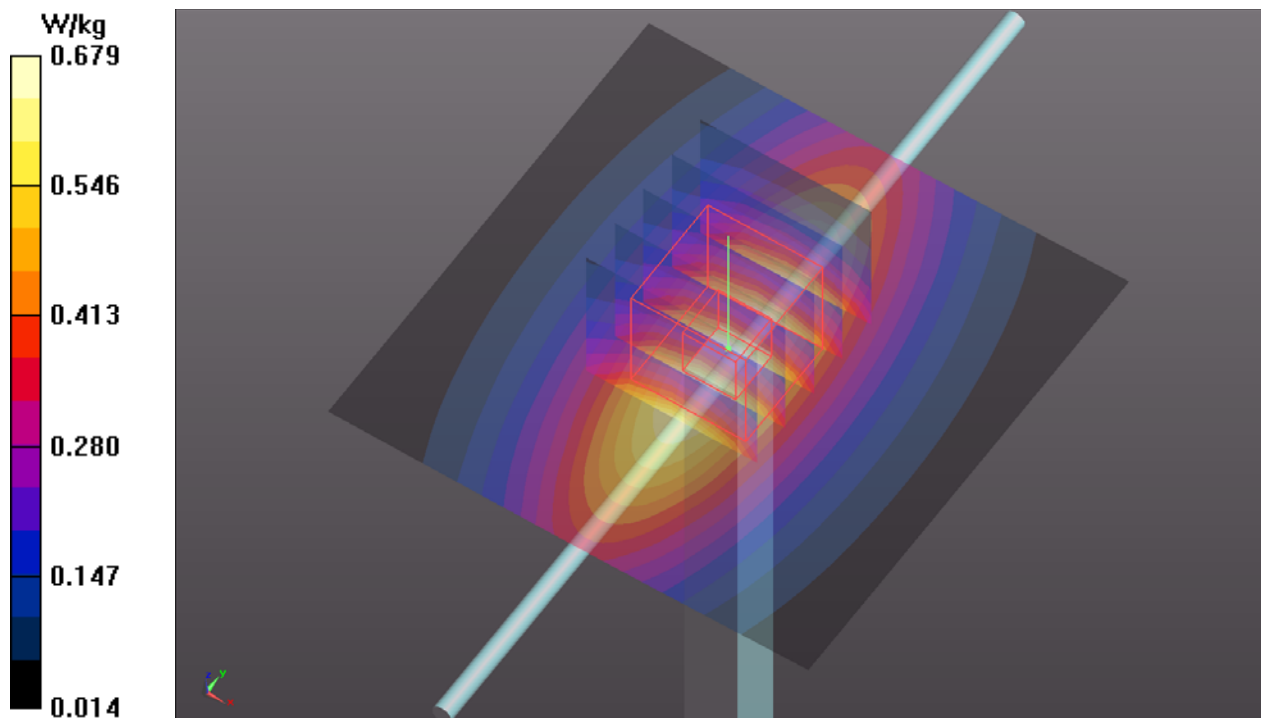
Pin=50mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.11 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.777 W/kg

SAR(1 g) = 0.496 W/kg; SAR(10 g) = 0.325 W/kg (SAR corrected for target medium)

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



S08 System Check_H2600_210817**DUT: Dipole 2600 MHz; Type: D2600V2; SN: 1077**

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

Medium: H19T27N1_0817 Medium parameters used: $f = 2600$ MHz; $\sigma = 2.035$ S/m; $\epsilon_r = 37.413$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(7.58, 7.58, 7.58) @ 2600 MHz; Calibrated: 2021/06/03
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2021/06/02
- Phantom: ELI Phantom_1206; 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) = 5.08 W/kg

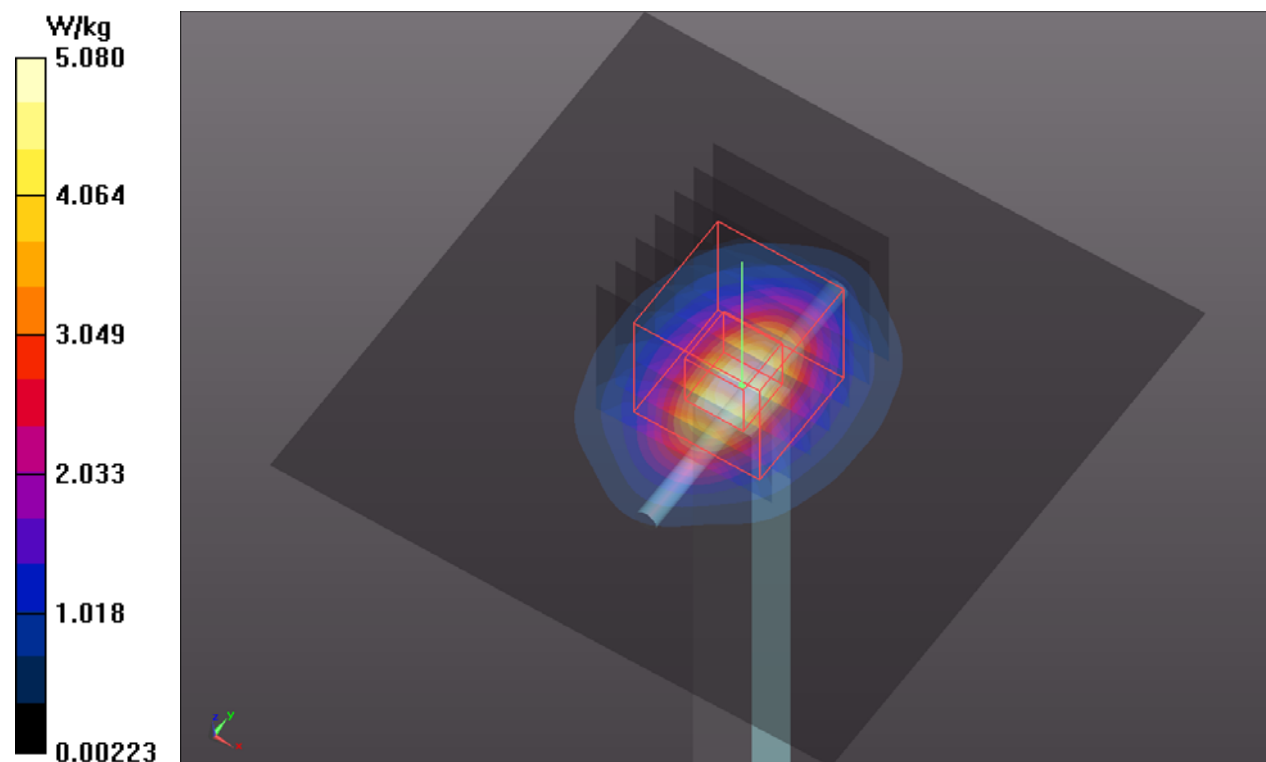
Pin=50mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 52.46 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 6.33 W/kg

SAR(1 g) = 2.91 W/kg; SAR(10 g) = 1.32 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 5.09 W/kg



S09 System Check_H750_210818**DUT: Dipole 750 MHz; Type: D750V3; SN: 1078**

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

Medium: H06T09N1_0818 Medium parameters used: $f = 750$ MHz; $\sigma = 0.89$ S/m; $\epsilon_r = 43.198$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(10.32, 10.32, 10.32) @ 750 MHz; Calibrated: 2021/06/03
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2021/06/02
- Phantom: ELI Phantom_1206; 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) = 0.501 W/kg

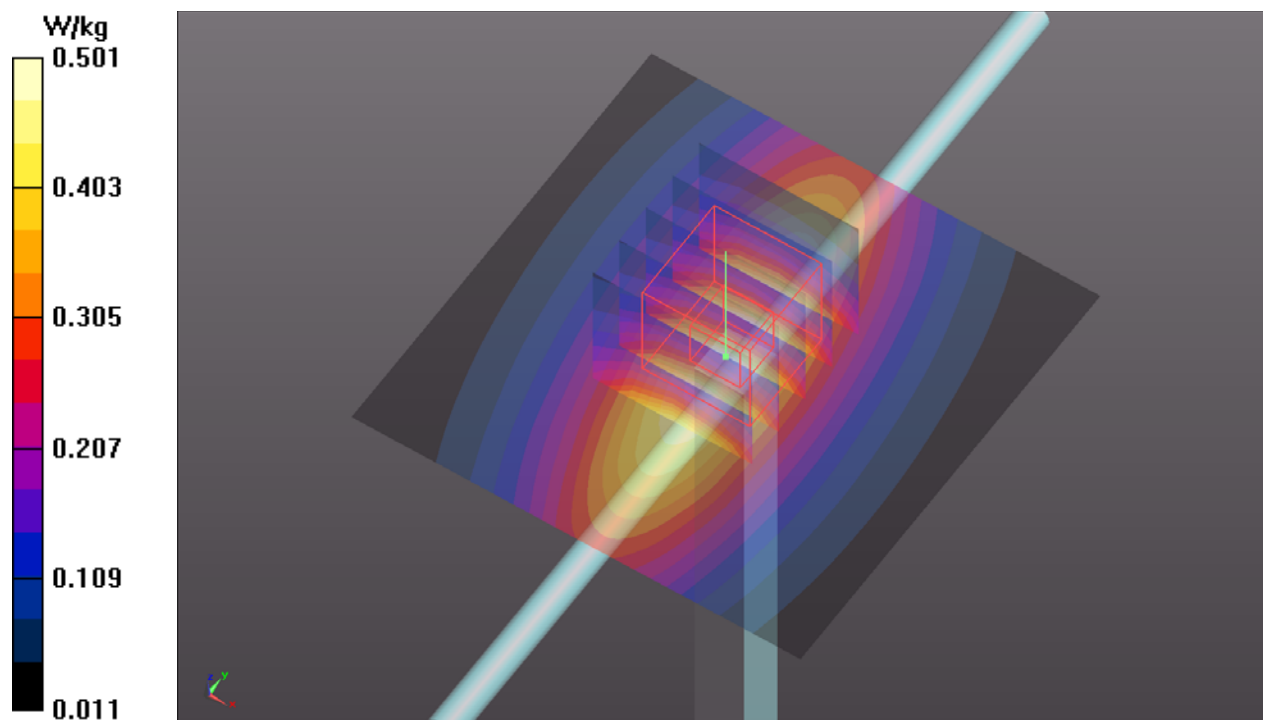
Pin=50mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.95 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.567 W/kg

SAR(1 g) = 0.389 W/kg; SAR(10 g) = 0.252 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.504 W/kg



S10 System Check_H750_210818

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

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

Medium: H06T09N1_0818 Medium parameters used: $f = 750$ MHz; $\sigma = 0.89$ S/m; $\epsilon_r = 43.198$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(10.32, 10.32, 10.32) @ 750 MHz; Calibrated: 2021/06/03
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2021/06/02
- Phantom: ELI Phantom_1206; 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) = 0.501 W/kg

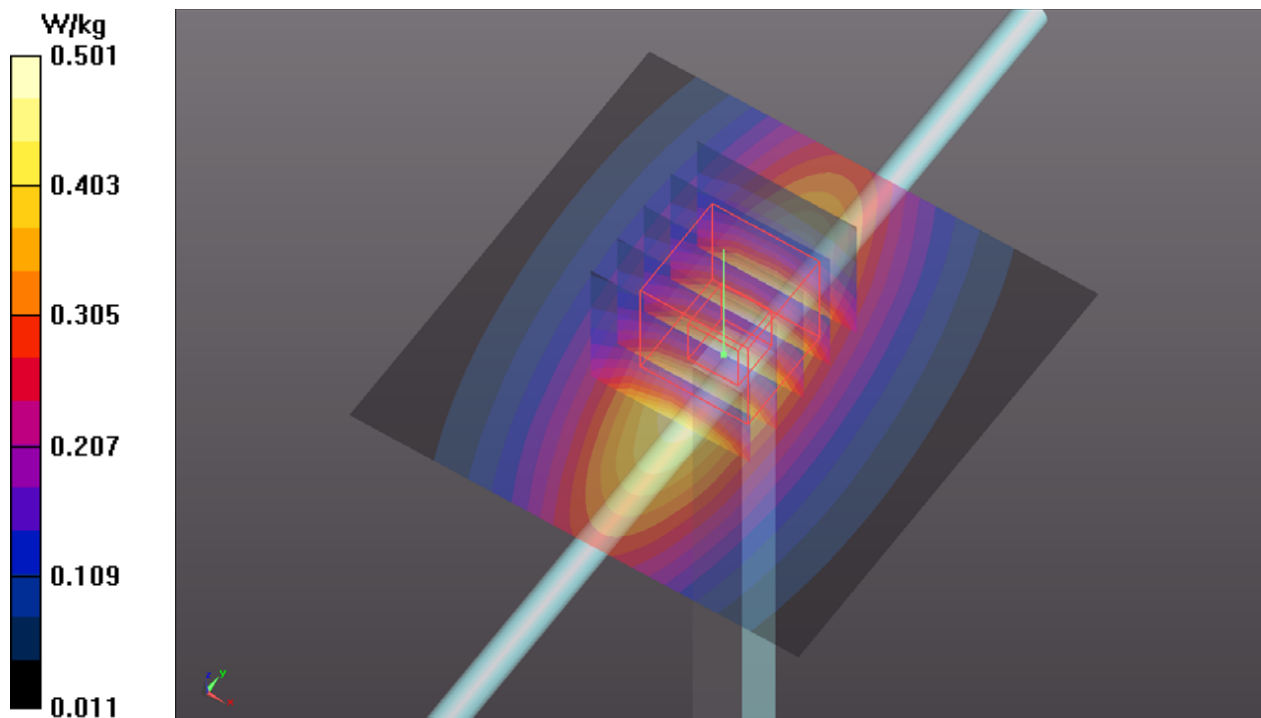
Pin=50mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.95 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.567 W/kg

SAR(1 g) = 0.389 W/kg; SAR(10 g) = 0.252 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.504 W/kg



S11 System Check_H1900_210818

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

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

Medium: H16T20N1_0818 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.456$ S/m; $\epsilon_r = 39.288$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(8.43, 8.43, 8.43) @ 1900 MHz; Calibrated: 2021/06/03
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2021/06/02
- Phantom: ELI Phantom_1206; 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) = 4.44 W/kg

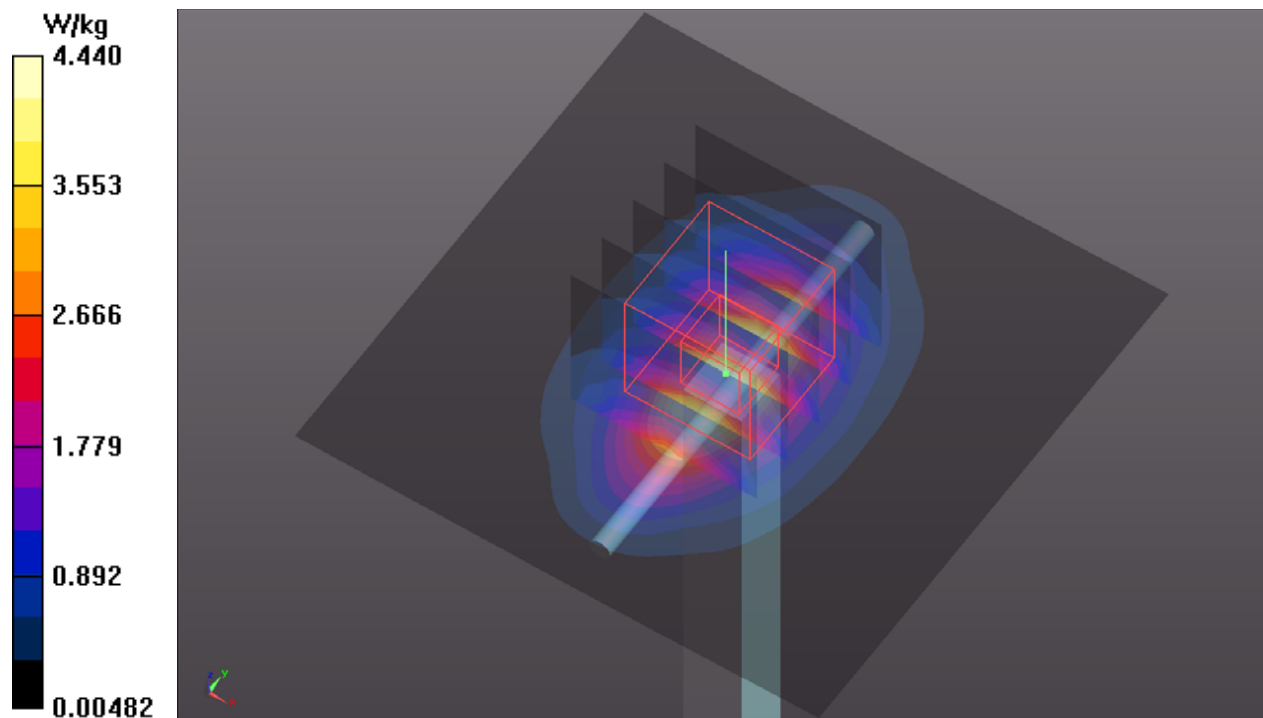
Pin=50mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 56.79 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 5.39 W/kg

SAR(1 g) = 2.15 W/kg; SAR(10 g) = 1.04 W/kg (SAR corrected for target medium)

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



S12 System Check_H835_210817

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

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

Medium: H07T10N1_0817 Medium parameters used: $f = 835$ MHz; $\sigma = 0.945$ S/m; $\epsilon_r = 43.081$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(10.05, 10.05, 10.05) @ 835 MHz; Calibrated: 2021/06/03
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2021/06/02
- Phantom: ELI Phantom_1206; 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) = 0.679 W/kg

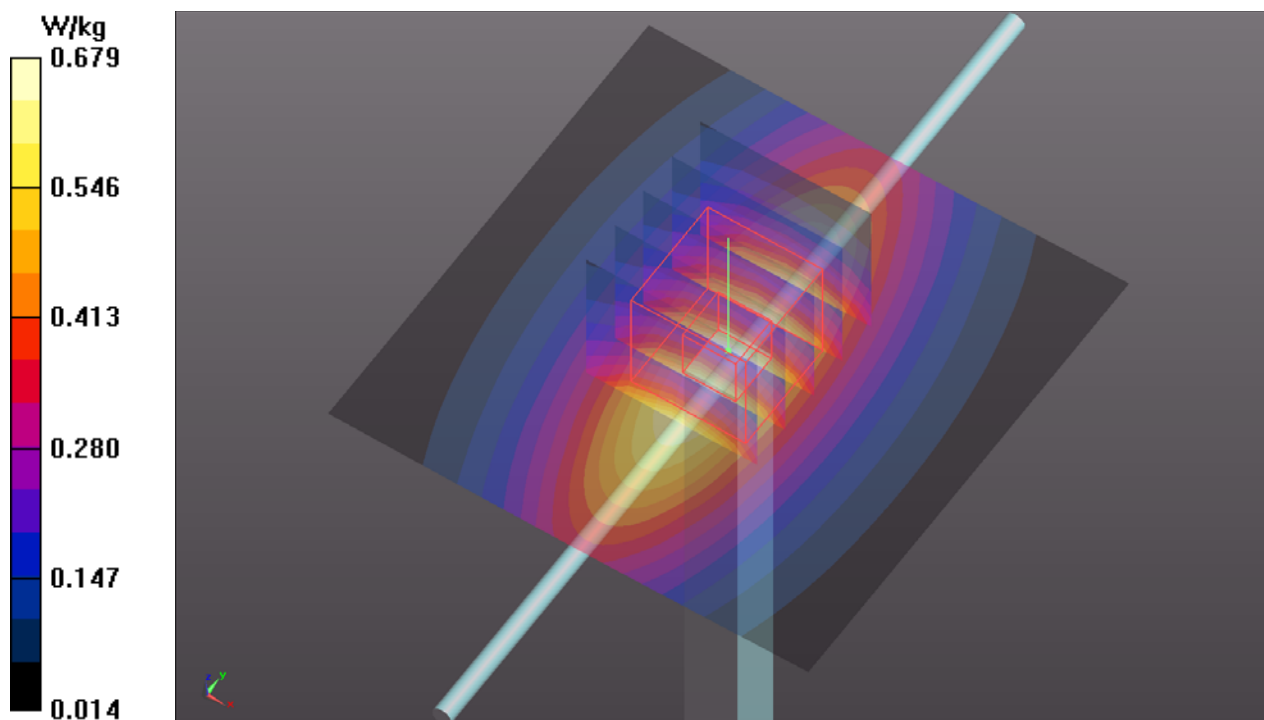
Pin=50mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.11 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.777 W/kg

SAR(1 g) = 0.496 W/kg; SAR(10 g) = 0.325 W/kg (SAR corrected for target medium)

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



S13 System Check_H2600_210817

DUT: Dipole 2600 MHz; Type: D2600V2; SN: 1077

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

Medium: H19T27N1_0817 Medium parameters used: $f = 2600$ MHz; $\sigma = 2.035$ S/m; $\epsilon_r = 37.413$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(7.58, 7.58, 7.58) @ 2600 MHz; Calibrated: 2021/06/03
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2021/06/02
- Phantom: ELI Phantom_1206; 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) = 5.08 W/kg

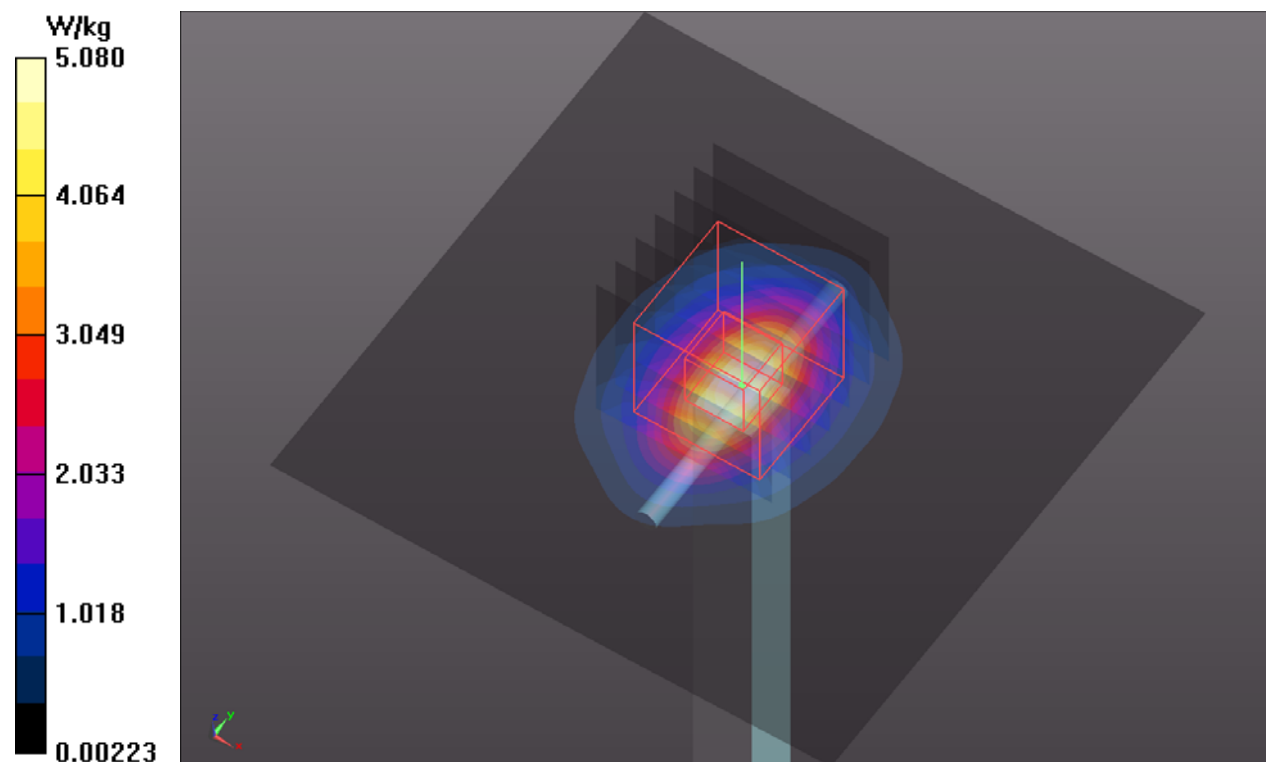
Pin=50mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 52.46 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 6.33 W/kg

SAR(1 g) = 2.91 W/kg; SAR(10 g) = 1.32 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 5.09 W/kg



S15 System Check_H2600_210817

DUT: Dipole 2600 MHz; Type: D2600V2; SN: 1077

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

Medium: H19T27N1_0817 Medium parameters used: $f = 2600$ MHz; $\sigma = 2.035$ S/m; $\epsilon_r = 37.413$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(7.58, 7.58, 7.58) @ 2600 MHz; Calibrated: 2021/06/03
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2021/06/02
- Phantom: ELI Phantom_1206; 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) = 5.08 W/kg

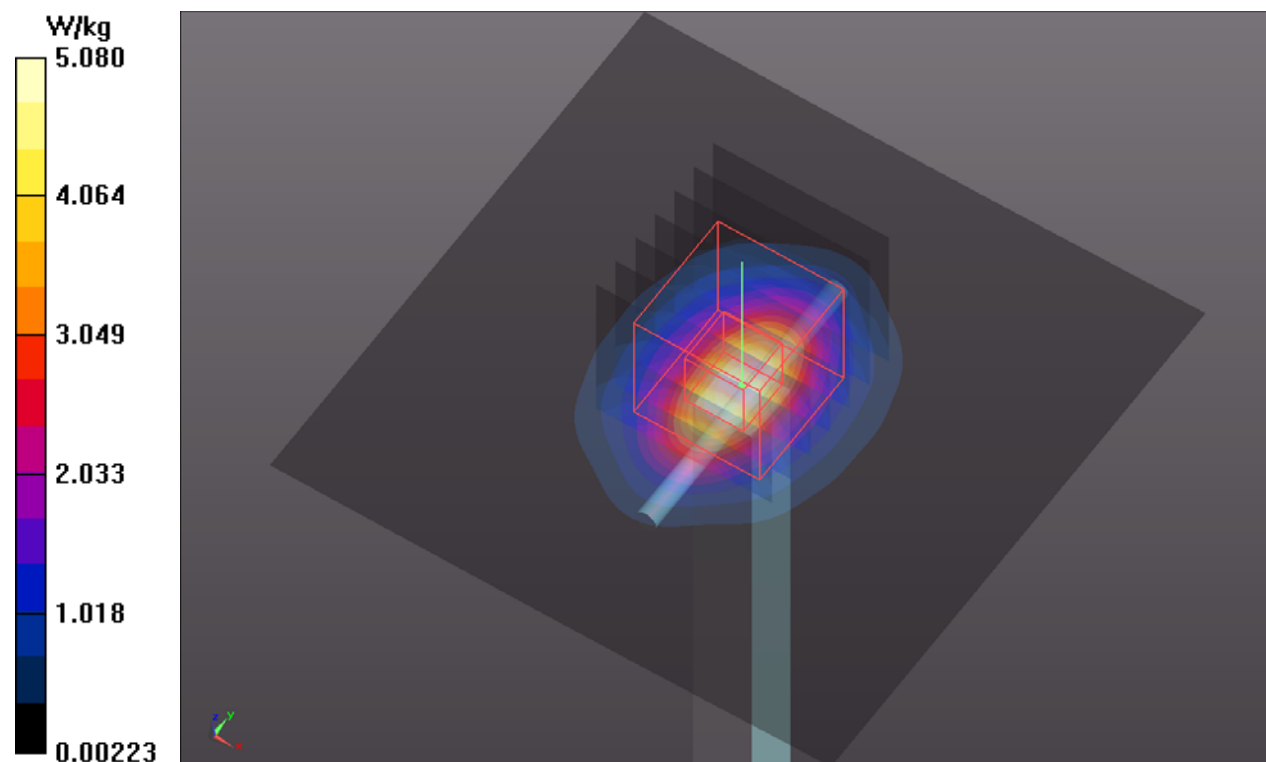
Pin=50mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 52.46 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 6.33 W/kg

SAR(1 g) = 2.91 W/kg; SAR(10 g) = 1.32 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 5.09 W/kg



S16 System Check_H2450_210820**DUT: Dipole 2450 MHz; Type: D2450V2; SN: 835**

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

Medium: H19T27N3_0820 Medium parameters used (interpolated): $f = 2450$ MHz; $\sigma = 1.827$ S/m; $\epsilon_r = 38.941$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3887; ConvF(7.33, 7.33, 7.33) @ 2450 MHz; Calibrated: 2020/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2021/04/14
- 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) = 4.43 W/kg

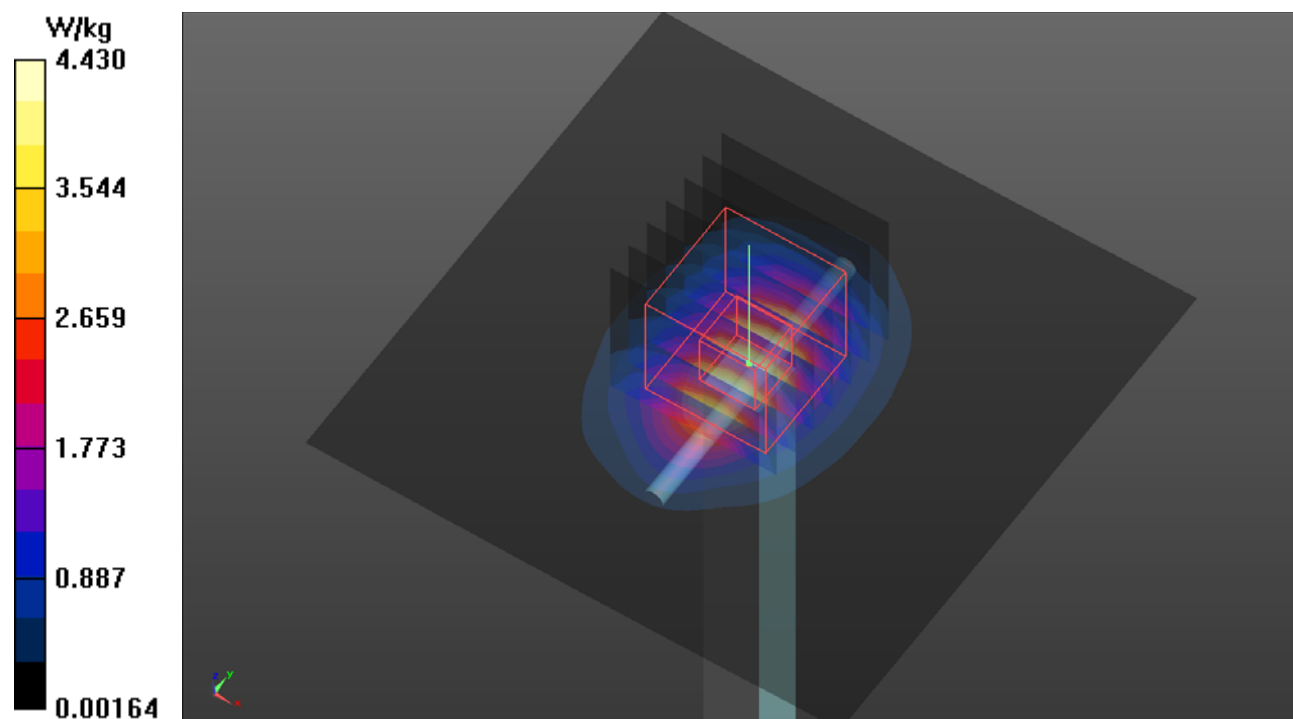
Pin=50mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 51.28 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 5.56 W/kg

SAR(1 g) = 2.67 W/kg; SAR(10 g) = 1.25 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 4.51 W/kg



S17 System Check_H5250_210820**DUT: Dipole 5 GHz; Type: D5GHzV2; SN: 1019**

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

Medium: H34T60N1_0820 Medium parameters used (interpolated): $f = 5250$ MHz; $\sigma = 4.716$ S/m; $\epsilon_r = 36.088$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3887; ConvF(4.71, 4.71, 4.71) @ 5250 MHz; Calibrated: 2020/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2021/04/14
- 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) = 10.0 W/kg

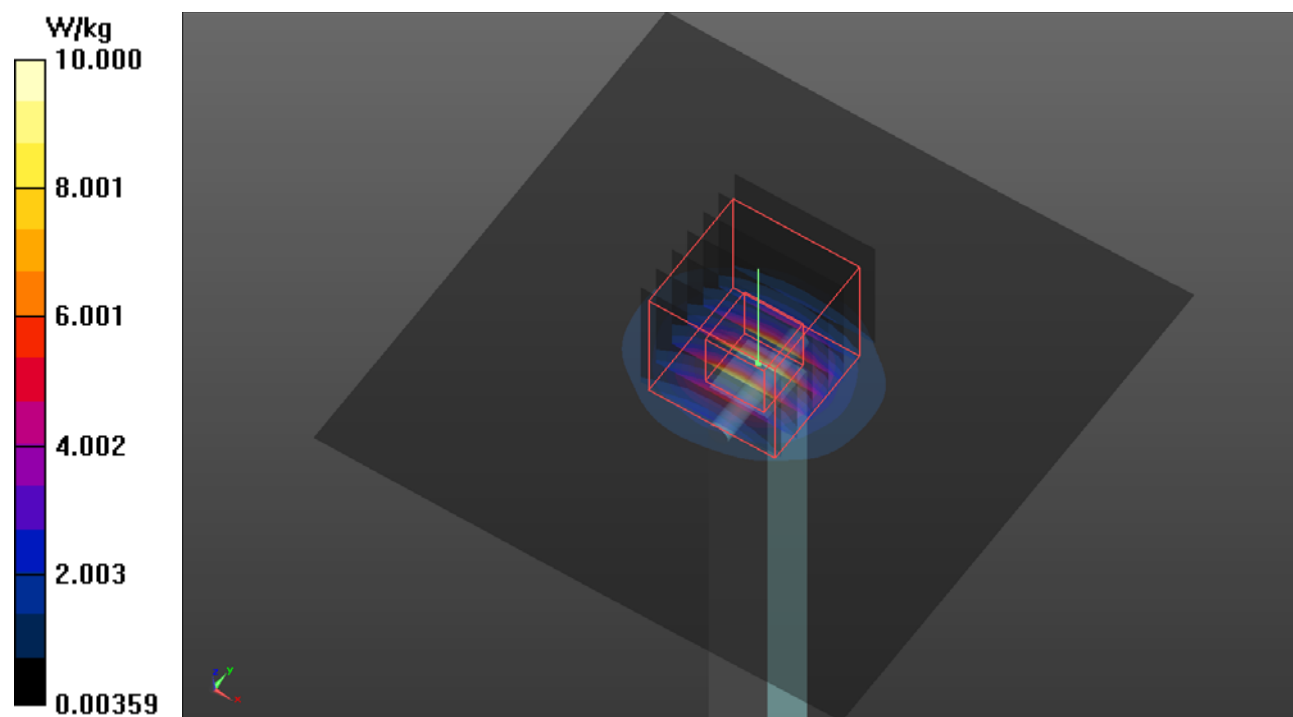
Pin=50mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 52.61 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 16.8 W/kg

SAR(1 g) = 4.25 W/kg; SAR(10 g) = 1.22 W/kg (SAR corrected for target medium)

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



S18 System Check_H5600_210820**DUT: Dipole 5 GHz; Type: D5GHzV2; SN: 1019**

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

Medium: H34T60N1_0820 Medium parameters used: $f = 5600$ MHz; $\sigma = 5.058$ S/m; $\epsilon_r = 35.601$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3887; ConvF(4.24, 4.24, 4.24) @ 5600 MHz; Calibrated: 2020/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2021/04/14
- 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) = 11.4 W/kg

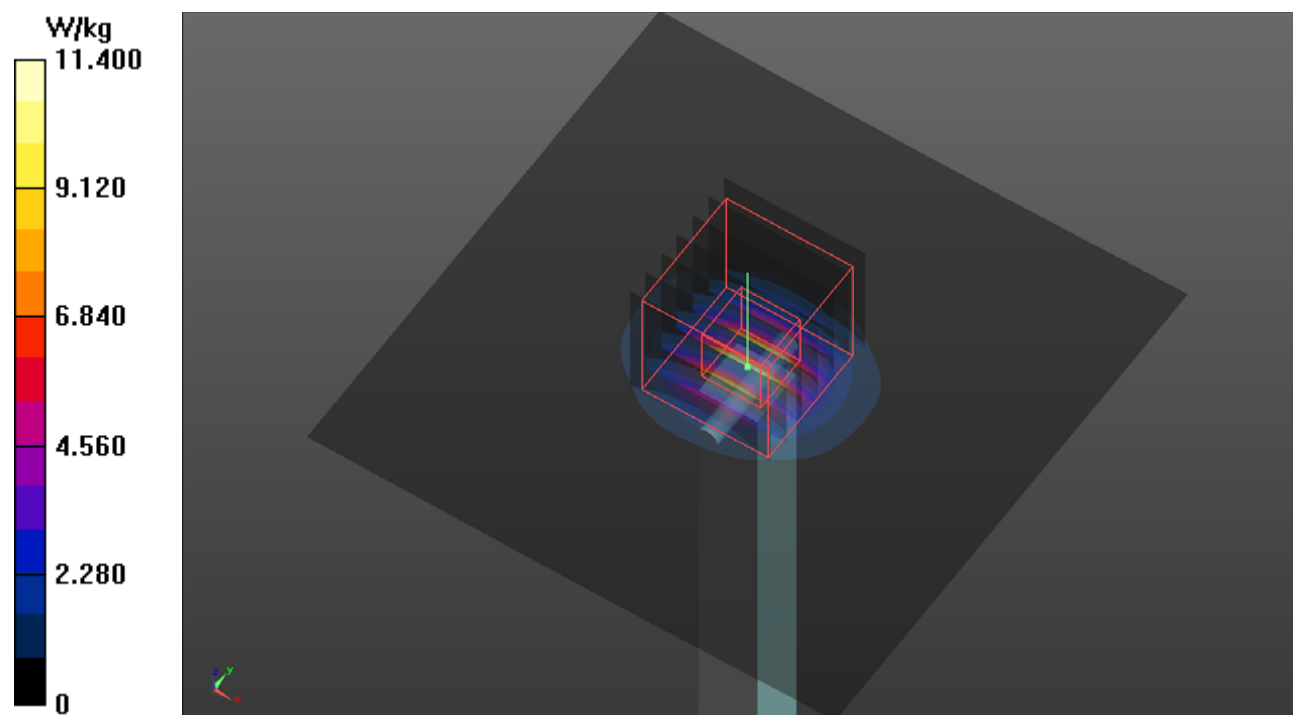
Pin=50mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 53.94 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 20.4 W/kg

SAR(1 g) = 4.53 W/kg; SAR(10 g) = 1.32 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 12.1 W/kg



S19 System Check_H5750_210820**DUT: Dipole 5 GHz; Type: D5GHzV2; SN: 1019**

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

Medium: H34T60N1_0820 Medium parameters used: $f = 5750$ MHz; $\sigma = 5.203$ S/m; $\epsilon_r = 35.404$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3887; ConvF(4.36, 4.36, 4.36) @ 5750 MHz; Calibrated: 2020/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2021/04/14
- 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) = 9.92 W/kg

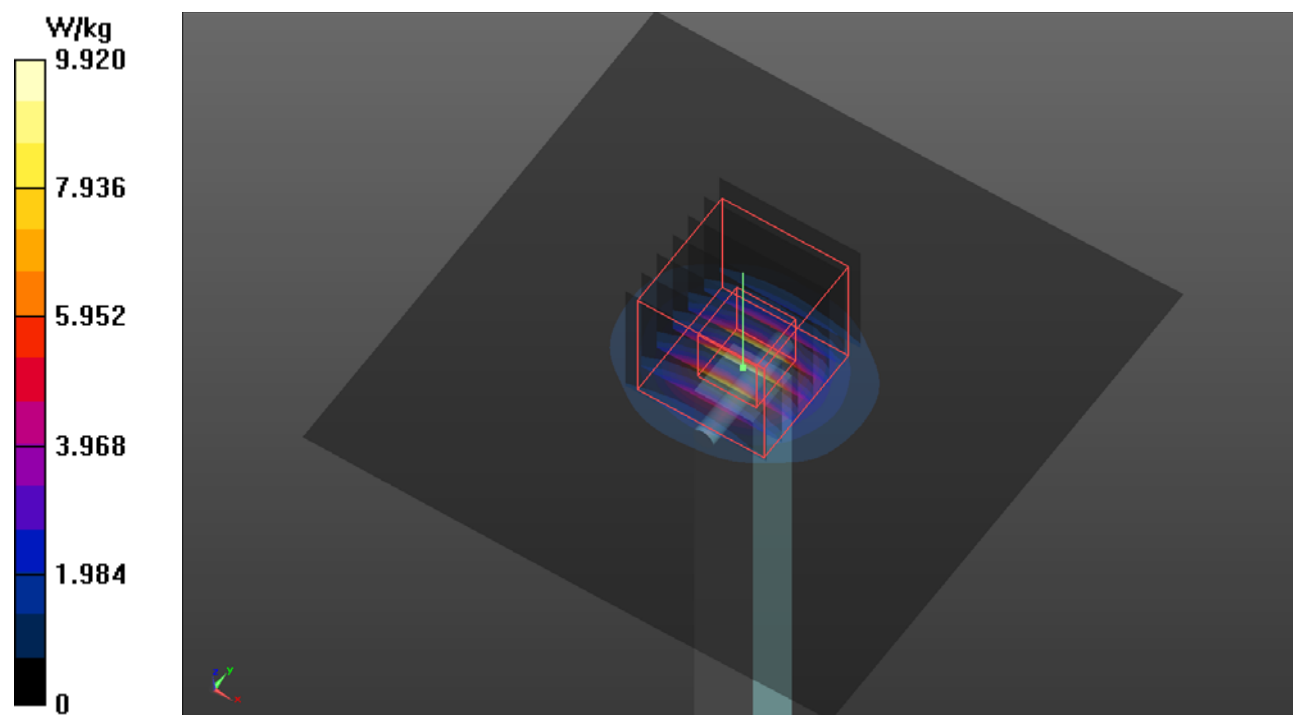
Pin=50mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 50.05 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 18.4 W/kg

SAR(1 g) = 4.03 W/kg; SAR(10 g) = 1.15 W/kg (SAR corrected for target medium)

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



S20 System Check_H2450_210820**DUT: Dipole 2450 MHz; Type: D2450V2; SN: 835**

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

Medium: H19T27N3_0820 Medium parameters used (interpolated): $f = 2450$ MHz; $\sigma = 1.827$ S/m; $\epsilon_r = 38.941$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3887; ConvF(7.33, 7.33, 7.33) @ 2450 MHz; Calibrated: 2020/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2021/04/14
- 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) = 4.43 W/kg

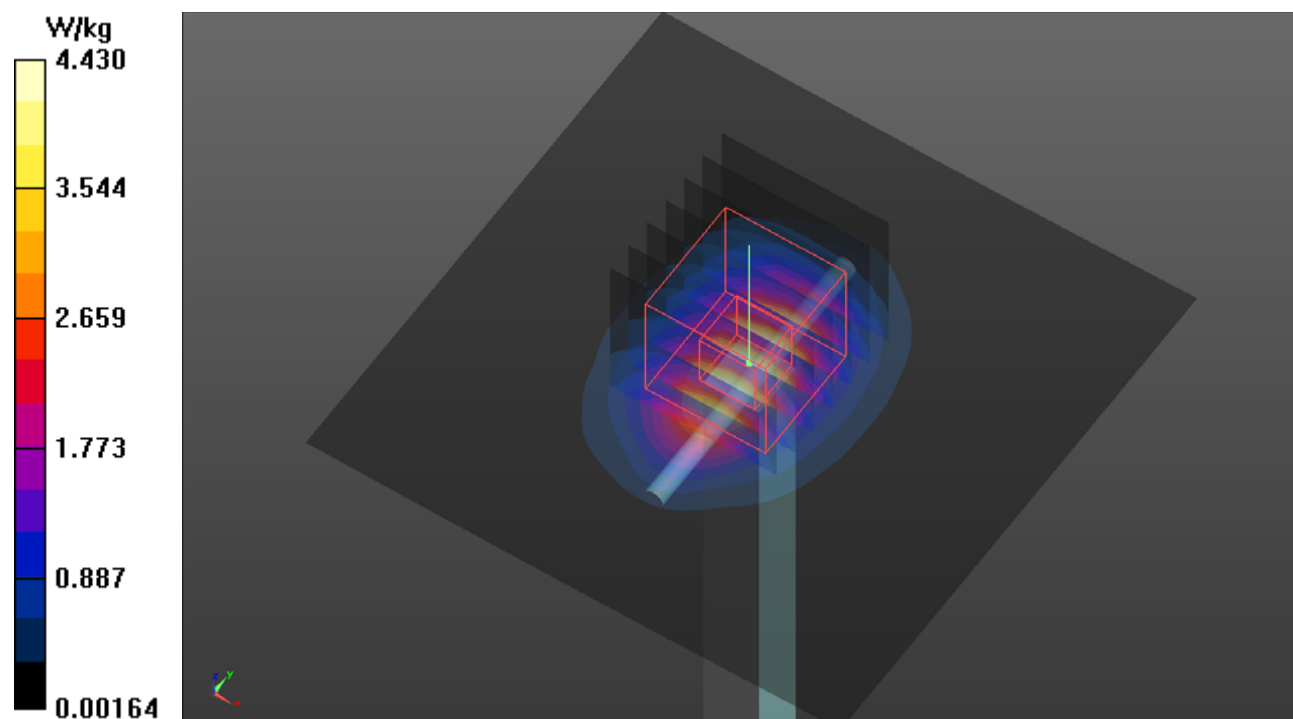
Pin=50mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 51.28 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 5.56 W/kg

SAR(1 g) = 2.67 W/kg; SAR(10 g) = 1.25 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 4.51 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 GSM850_GPRS10_Rear Face_10mm_Ch251_Ant 0_Barcode Scanner_w_o**DUT: P21060534**

Communication System: UID 10024 - DAC, GPRS-FDD (TDMA, GMSK, TN 0-1); Frequency: 848.8 MHz; Duty Cycle: 1:4.53

Medium: H07T10N1_0911 Medium parameters used: $f = 849$ MHz; $\sigma = 0.931$ S/m; $\epsilon_r = 42.284$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.8 °C ; Liquid Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(10.17, 10.17, 10.17) @ 848.8 MHz; Calibrated: 2021/01/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2021/03/24
- Phantom: ELI Phantom_1245; Type: QDOVA002AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (141x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.922 W/kg

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

Reference Value = 31.24 V/m; Power Drift = -0.16 dB

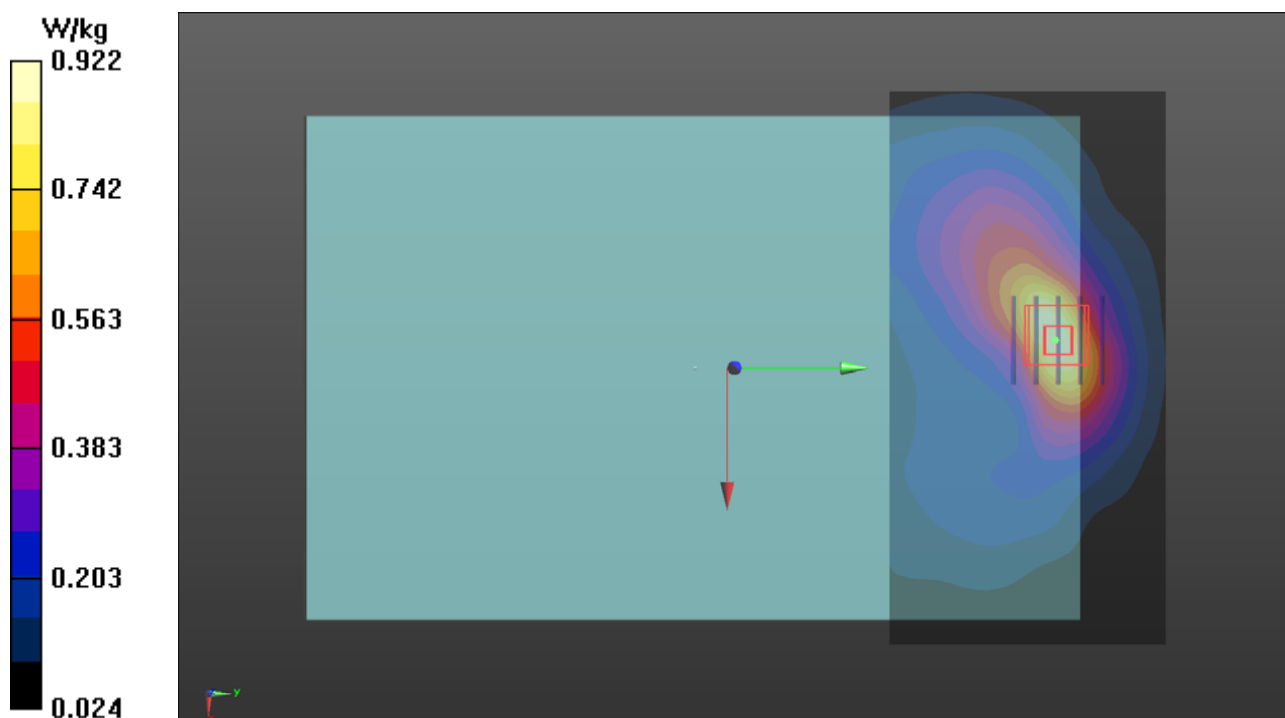
Peak SAR (extrapolated) = 1.15 W/kg

SAR(1 g) = 0.676 W/kg; SAR(10 g) = 0.420 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 14.8 mm

Ratio of SAR at M2 to SAR at M1 = 59.3%

Maximum value of SAR (measured) = 0.976 W/kg



P02 GSM1900_GPRS10_Right Side_0mm_Ch512_Ant 0_P-sensor_w**DUT: P21060534**

Communication System: UID 10024 - DAC, GPRS-FDD (TDMA, GMSK, TN 0-1); Frequency: 1850.2 MHz; Duty Cycle: 1:4.53

Medium: H16T20N1_0911 Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.428$ S/m; $\epsilon_r = 38.686$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(7.35, 7.35, 7.35) @ 1850.2 MHz; Calibrated: 2021/07/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1305; Calibrated: 2021/04/09
- Phantom: ELI Phantom_2105; Type: QD OVA 004 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (41x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.24 W/kg

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

Reference Value = 29.04 V/m; Power Drift = -0.06 dB

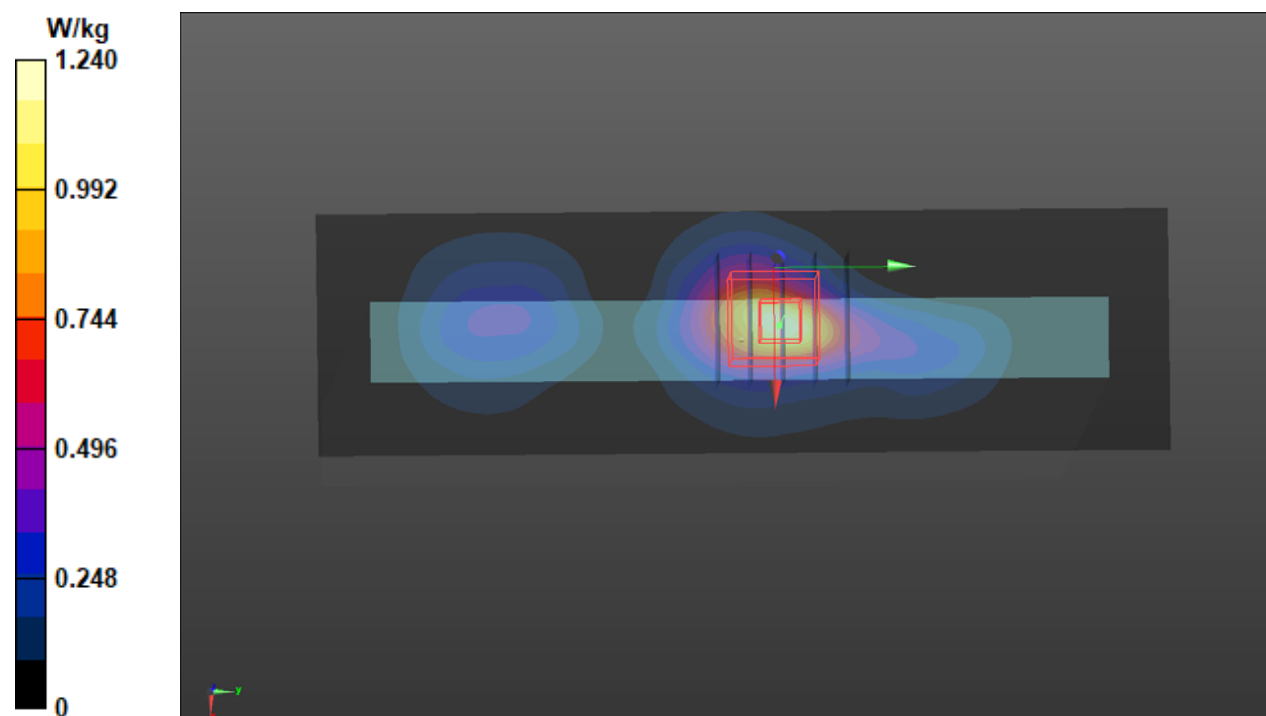
Peak SAR (extrapolated) = 1.43 W/kg

SAR(1 g) = 0.784 W/kg; SAR(10 g) = 0.411 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 = 56.9%

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



P03 WCDMA II_RMC12.2K_Right Side_0mm_Ch9262_P-sensor_w**DUT: P21060534**

Communication System: UID 10011 - CAB, UMTS-FDD (WCDMA); Frequency: 1852.4 MHz; Duty Cycle: 1:1.95

Medium: H16T20N1_0818 Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.415$

S/m; $\epsilon_r = 39.466$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(8.43, 8.43, 8.43) @ 1852.4 MHz; Calibrated: 2021/06/03
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2021/06/02
- Phantom: ELI Phantom_1206; Type: QDOVA002AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (61x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.989 W/kg

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

Reference Value = 26.12 V/m; Power Drift = 0.02 dB

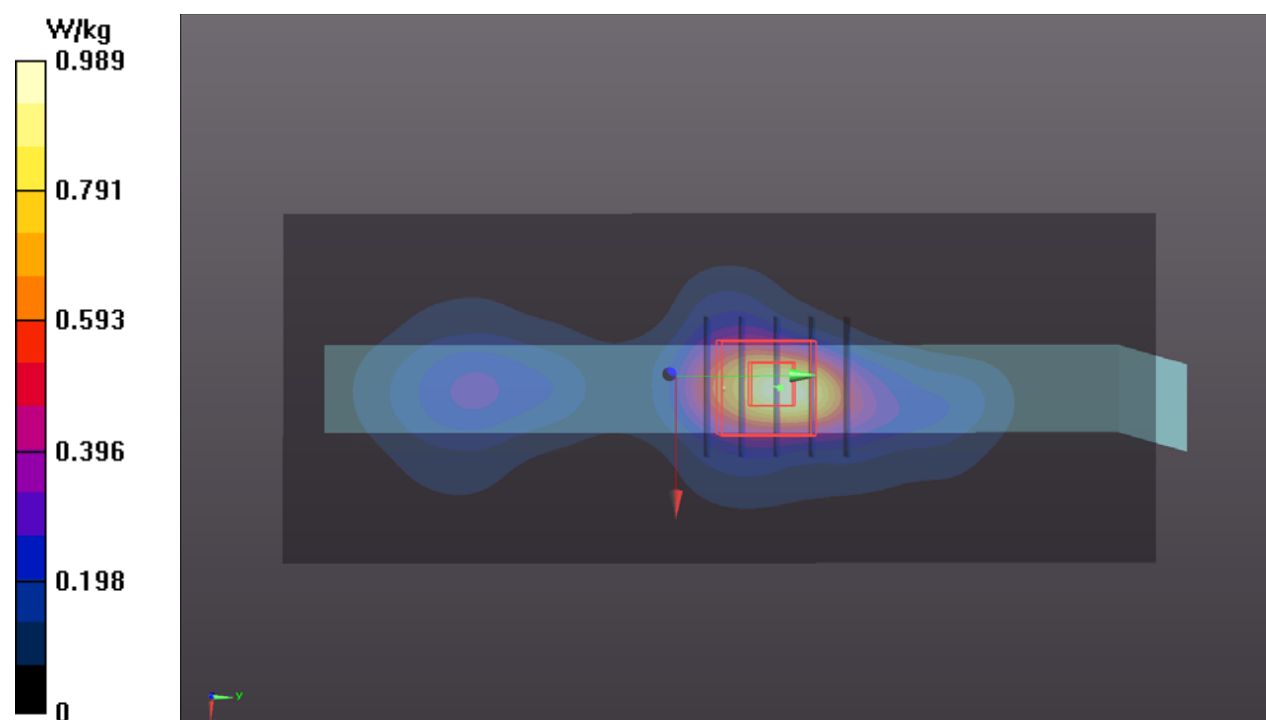
Peak SAR (extrapolated) = 1.18 W/kg

SAR(1 g) = 0.609 W/kg; SAR(10 g) = 0.309 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 = 52.6%

Maximum value of SAR (measured) = 0.981 W/kg



P04 WCDMA IV_RMC12.2K_Right Side_0mm_Ch1312_P-sensor_w**DUT: P21060534**

Communication System: UID 10011 - CAB, UMTS-FDD (WCDMA); Frequency: 1712.4

MHz; Duty Cycle: 1:1.95

Medium: H16T20N1_0818 Medium parameters used (interpolated): $f = 1712.4$ MHz; $\sigma = 1.297$

S/m; $\epsilon_r = 40.001$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(8.77, 8.77, 8.77) @ 1712.4 MHz; Calibrated: 2021/06/03
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2021/06/02
- Phantom: ELI Phantom_1206; Type: QDOVA002AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (61x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.989 W/kg

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

Reference Value = 26.02 V/m; Power Drift = 0.05 dB

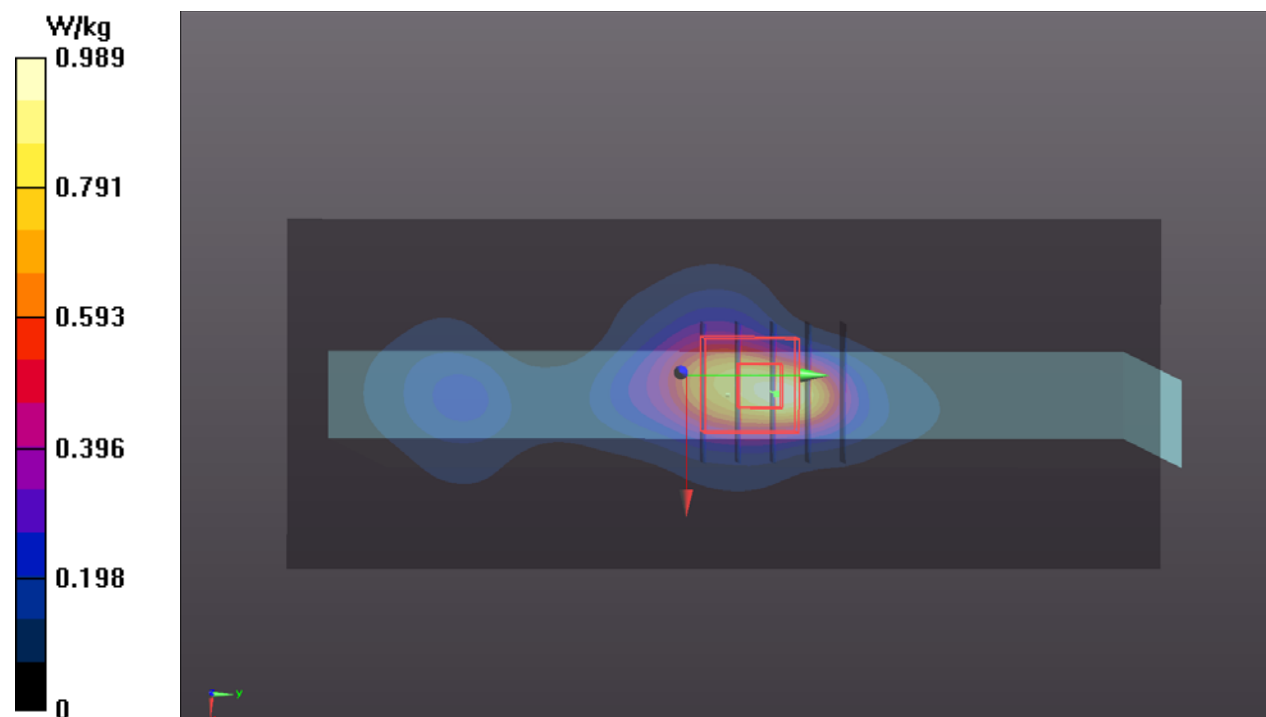
Peak SAR (extrapolated) = 1.17 W/kg

SAR(1 g) = 0.641 W/kg; SAR(10 g) = 0.332 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 = 53.9%

Maximum value of SAR (measured) = 0.959 W/kg



P05 WCDMA V_RMC12.2K_Rear Face_0mm_Ch4132_P-sensor_w**DUT: P21060534**

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

Medium: H07T10N1_0817 Medium parameters used (interpolated): $f = 826.4$ MHz; $\sigma = 0.936$ S/m;

$\epsilon_r = 43.192$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(10.05, 10.05, 10.05) @ 826.4 MHz; Calibrated: 2021/06/03
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2021/06/02
- Phantom: ELI Phantom_1206; Type: QDOVA002AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (141x71x1): 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: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 35.01 V/m; Power Drift = 0.02 dB

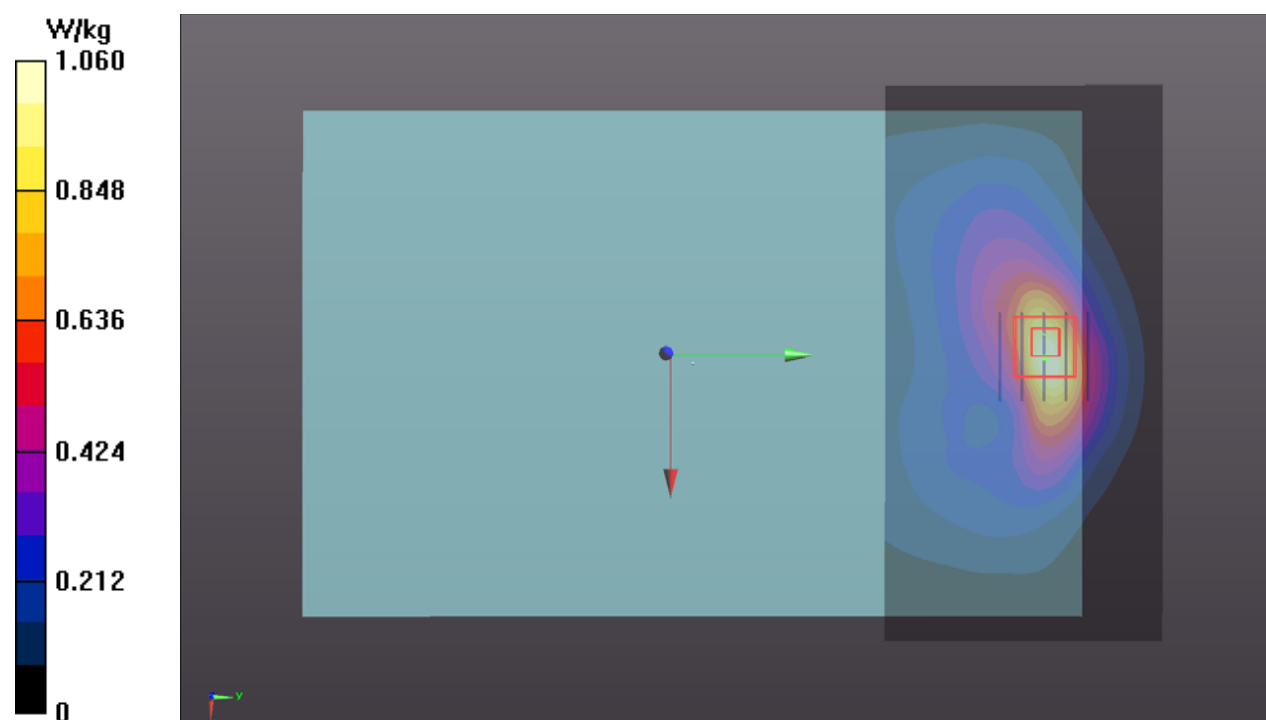
Peak SAR (extrapolated) = 1.35 W/kg

SAR(1 g) = 0.718 W/kg; SAR(10 g) = 0.419 W/kg (SAR corrected for target medium)

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

Ratio of SAR at M2 to SAR at M1 = 53.6%

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



P06 LTE 4_QPSK20M_Right Side_0mm_Ch20300_1RB_OS0_P-sensor_w**DUT: P21060534**

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

Frequency: 1745 MHz; Duty Cycle: 1:3.74

Medium: H16T20N1_0818 Medium parameters used (interpolated): $f = 1745$ MHz; $\sigma = 1.322$ S/m; $\epsilon_r = 39.868$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(8.77, 8.77, 8.77) @ 1745 MHz; Calibrated: 2021/06/03

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

- Electronics: DAE3 Sn579; Calibrated: 2021/06/02

- Phantom: ELI Phantom_1206; Type: QDOVA002AA;

- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (61x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.962 W/kg

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

Reference Value = 26.32 V/m; Power Drift = 0.05 dB

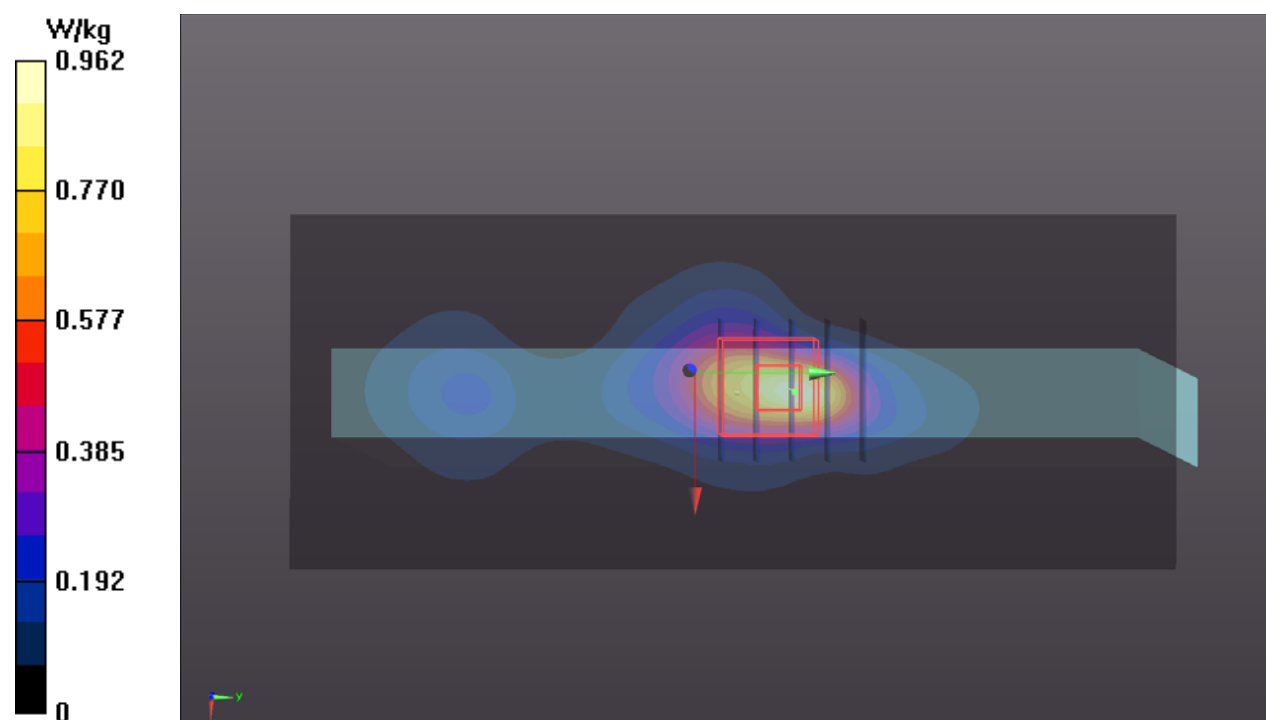
Peak SAR (extrapolated) = 1.15 W/kg

SAR(1 g) = 0.616 W/kg; SAR(10 g) = 0.313 W/kg (SAR corrected for target medium)

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

Ratio of SAR at M2 to SAR at M1 = 52.7%

Maximum value of SAR (measured) = 0.952 W/kg



P07 LTE 5_QPSK10M_Rear Face_0mm_Ch20450_1RB_OS0_P-sensor_w**DUT: P21060534**

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

Frequency: 829 MHz; Duty Cycle: 1:3.74

Medium: H07T10N1_0817 Medium parameters used: $f = 829$ MHz; $\sigma = 0.939$ S/m; $\epsilon_r = 43.161$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(10.05, 10.05, 10.05) @ 829 MHz; Calibrated: 2021/06/03
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2021/06/02
- Phantom: ELI Phantom_1206; Type: QDOVA002AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (141x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.963 W/kg

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

Reference Value = 33.35 V/m; Power Drift = 0.02 dB

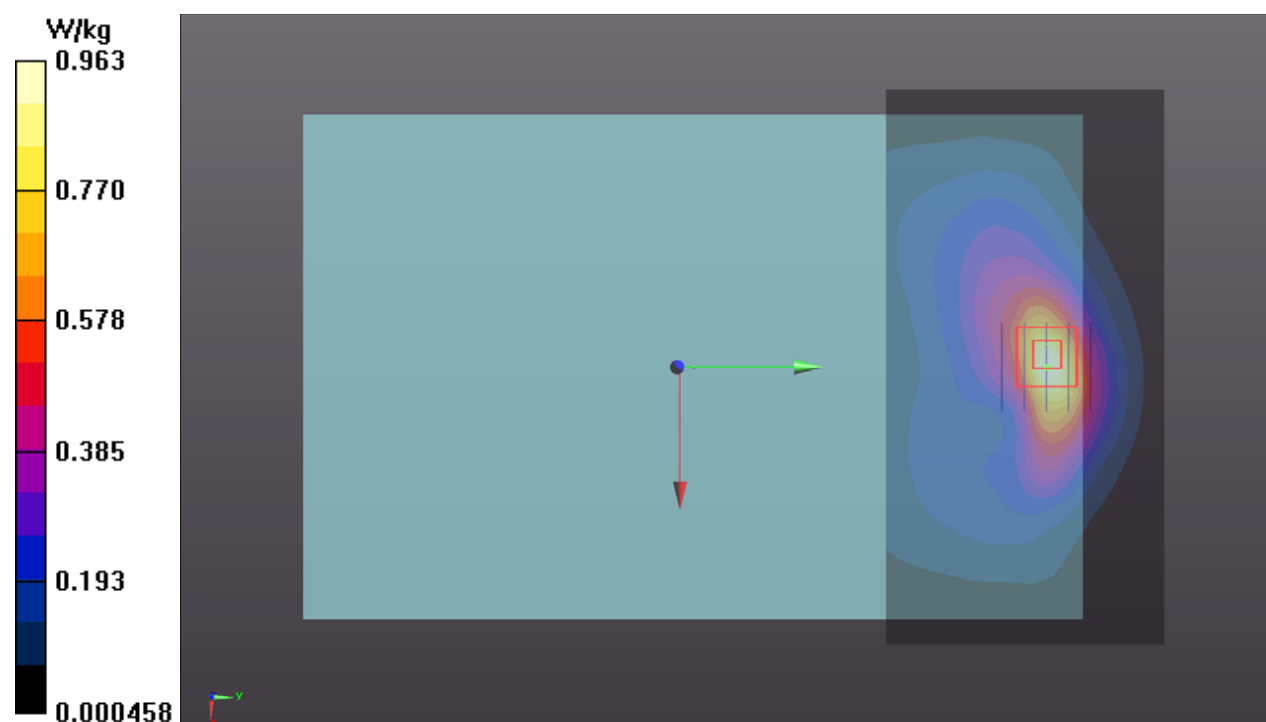
Peak SAR (extrapolated) = 1.20 W/kg

SAR(1 g) = 0.630 W/kg; SAR(10 g) = 0.367 W/kg (SAR corrected for target medium)

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

Ratio of SAR at M2 to SAR at M1 = 53.3%

Maximum value of SAR (measured) = 0.962 W/kg



P08 LTE 7_QPSK20M_Right Side_0mm_Ch21350_1RB_OS0_P-sensor_w**DUT: P21060534**

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

Frequency: 2560 MHz; Duty Cycle: 1:3.74

Medium: H19T27N1_0817 Medium parameters used: $f = 2560$ MHz; $\sigma = 1.989$ S/m; $\epsilon_r = 37.536$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(7.58, 7.58, 7.58) @ 2560 MHz; Calibrated: 2021/06/03
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2021/06/02
- Phantom: ELI Phantom_1206; Type: QDOVA002AA;
- 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) = 1.04 W/kg

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

Reference Value = 22.46 V/m; Power Drift = 0.18 dB

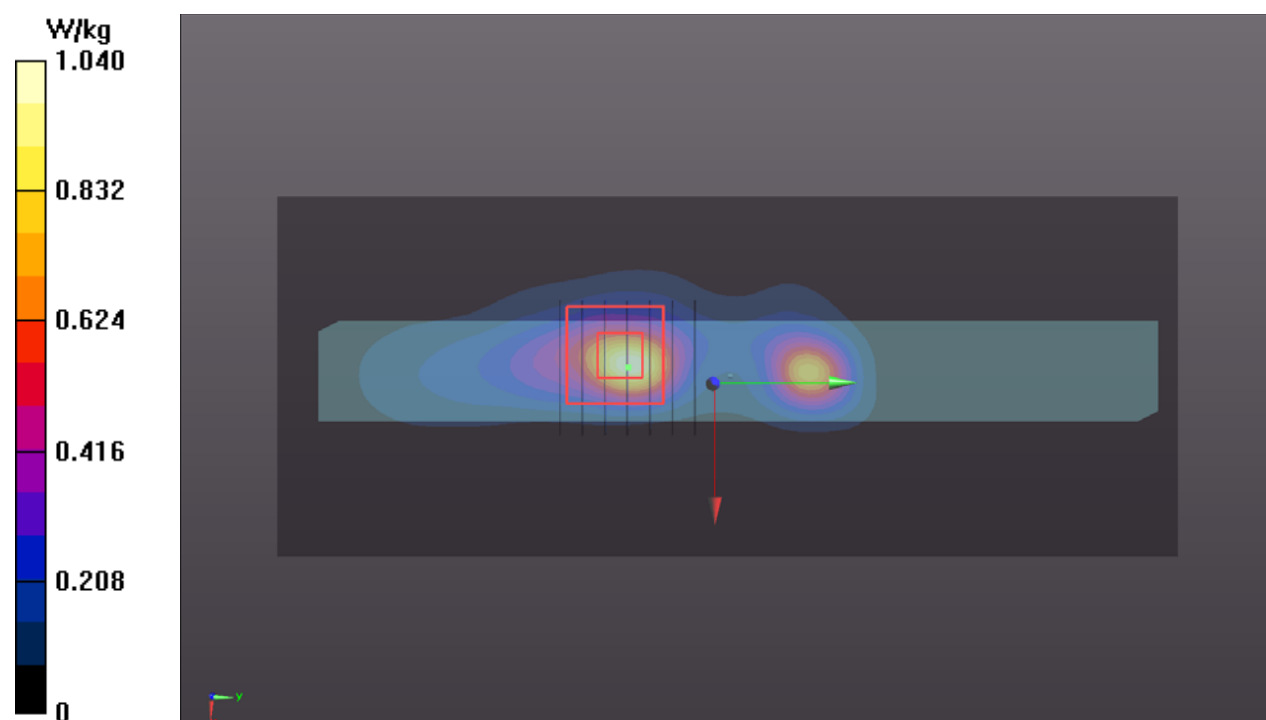
Peak SAR (extrapolated) = 1.54 W/kg

SAR(1 g) = 0.696 W/kg; SAR(10 g) = 0.292 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 = 48.6%

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



P09 LTE 12_QPSK10M_Rear Face_0mm_Ch23060_1RB_OS0_P-sensor_w**DUT: P21060534**

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

Frequency: 704 MHz; Duty Cycle: 1:3.74

Medium: H06T09N1_0818 Medium parameters used: $f = 704$ MHz; $\sigma = 0.849$ S/m; $\epsilon_r = 43.818$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(10.32, 10.32, 10.32) @ 704 MHz; Calibrated: 2021/06/03
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2021/06/02
- Phantom: ELI Phantom_1206; Type: QDOVA002AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (141x71x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.990 W/kg

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

Reference Value = 35.39 V/m; Power Drift = 0.05 dB

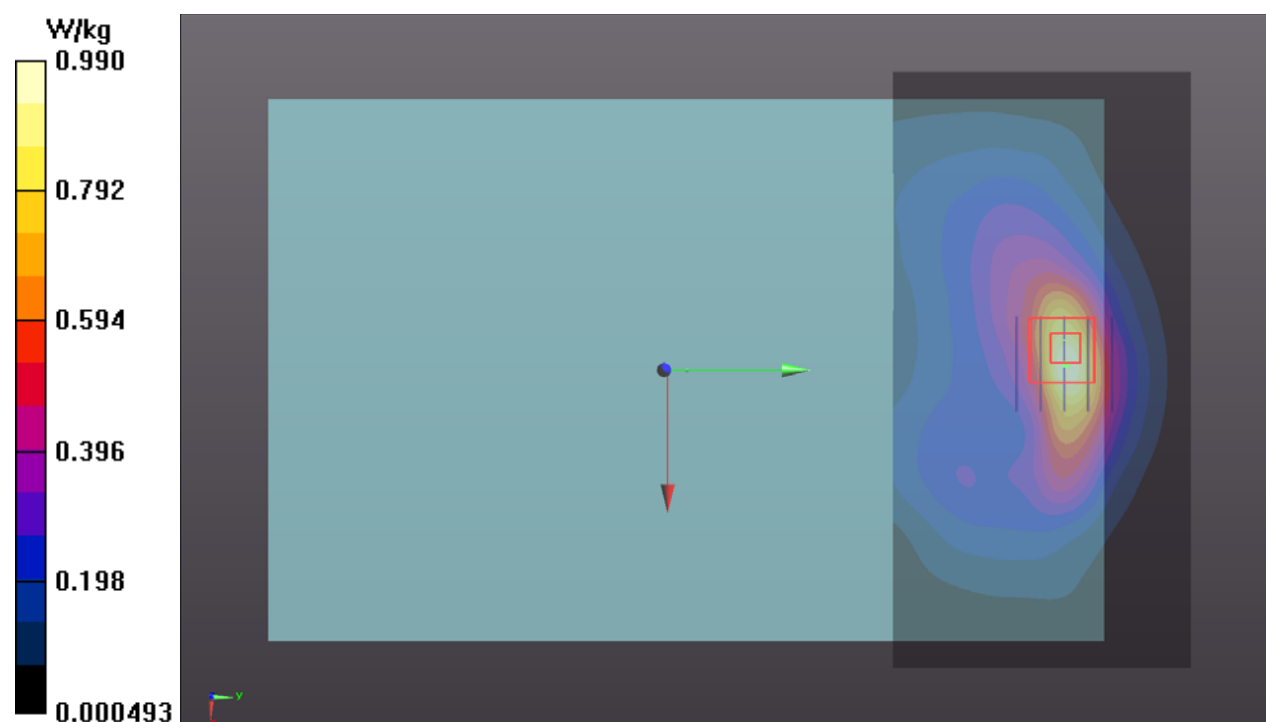
Peak SAR (extrapolated) = 1.25 W/kg

SAR(1 g) = 0.687 W/kg; SAR(10 g) = 0.395 W/kg (SAR corrected for target medium)

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

Ratio of SAR at M2 to SAR at M1 = 52.2%

Maximum value of SAR (measured) = 1.01 W/kg



P10 LTE 13_QPSK10M_Rear Face_0mm_Ch23230_1RB_OS0_P-sensor_w**DUT: P21060534**

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

Frequency: 782 MHz; Duty Cycle: 1:3.74

Medium: H06T09N1_0818 Medium parameters used: $f = 782$ MHz; $\sigma = 0.918$ S/m; $\epsilon_r = 42.718$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(10.32, 10.32, 10.32) @ 782 MHz; Calibrated: 2021/06/03
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2021/06/02
- Phantom: ELI Phantom_1206; Type: QDOVA002AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (141x71x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 1.07 W/kg

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

Reference Value = 35.55 V/m; Power Drift = 0.02 dB

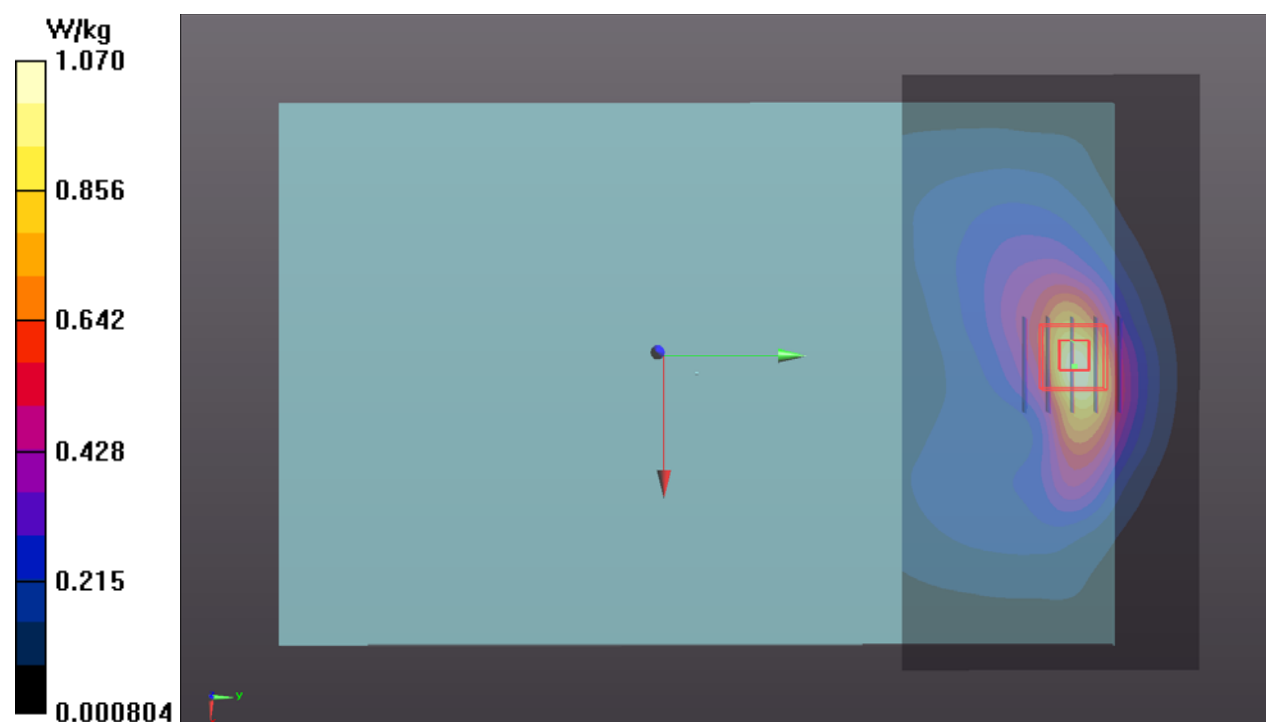
Peak SAR (extrapolated) = 1.37 W/kg

SAR(1 g) = 0.717 W/kg; SAR(10 g) = 0.414 W/kg (SAR corrected for target medium)

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

Ratio of SAR at M2 to SAR at M1 = 52.9%

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



P11 LTE 25_QPSK20M_Right Side_0mm_Ch26140_1RB_OS0_P-sensor_w**DUT: P21060534**

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

Frequency: 1860 MHz; Duty Cycle: 1:3.74

Medium: H16T20N1_0818 Medium parameters used: $f = 1860$ MHz; $\sigma = 1.422$ S/m; $\epsilon_r = 39.43$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(8.43, 8.43, 8.43) @ 1860 MHz; Calibrated: 2021/06/03
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2021/06/02
- Phantom: ELI Phantom_1206; Type: QDOVA002AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (61x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.21 W/kg

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

Reference Value = 28.80 V/m; Power Drift = -0.02 dB

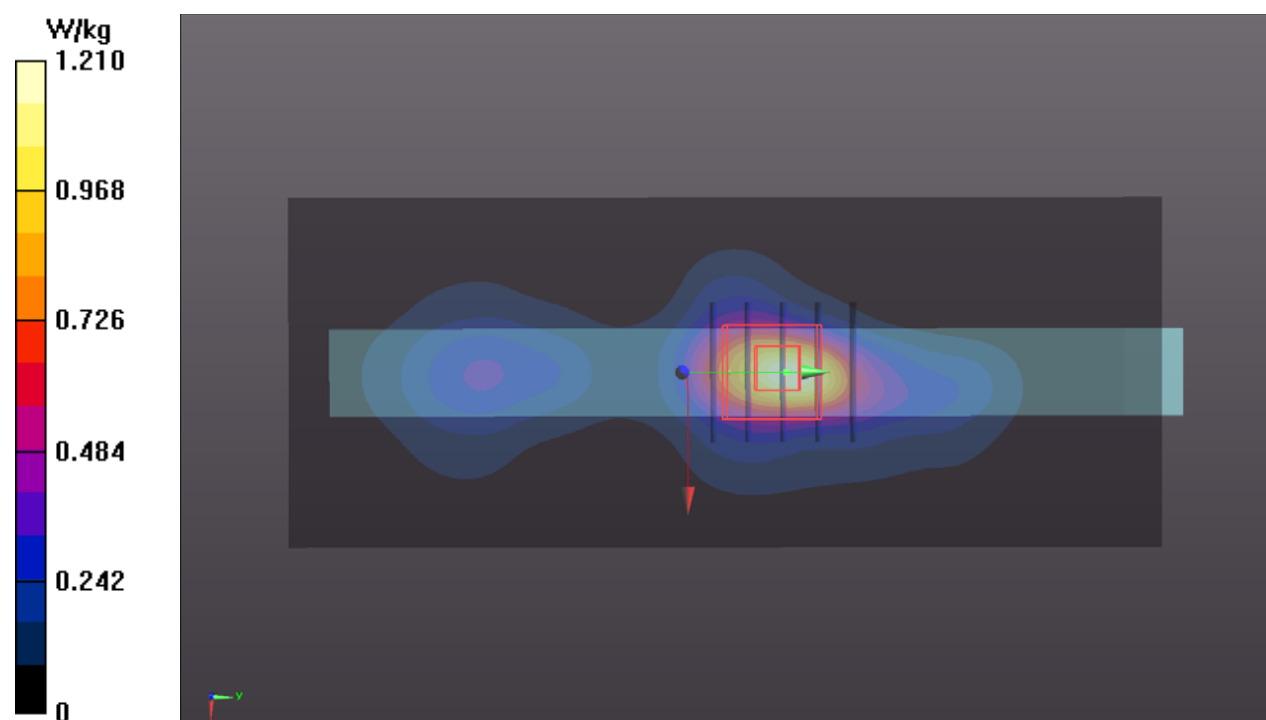
Peak SAR (extrapolated) = 1.46 W/kg

SAR(1 g) = 0.745 W/kg; SAR(10 g) = 0.379 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 = 52.4%

Maximum value of SAR (measured) = 1.21 W/kg



P12 LTE 26_QPSK15M_Rear Face_0mm_Ch26765_1RB_OS0_P-sensor_w**DUT: P21060534**

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_0817 Medium parameters used (interpolated): $f = 821.5$ MHz; $\sigma = 0.931$ S/m;

$\epsilon_r = 43.256$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(10.05, 10.05, 10.05) @ 821.5 MHz; Calibrated: 2021/06/03
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2021/06/02
- Phantom: ELI Phantom_1206; Type: QDOVA002AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (141x71x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.998 W/kg

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

Reference Value = 33.87 V/m; Power Drift = 0.07 dB

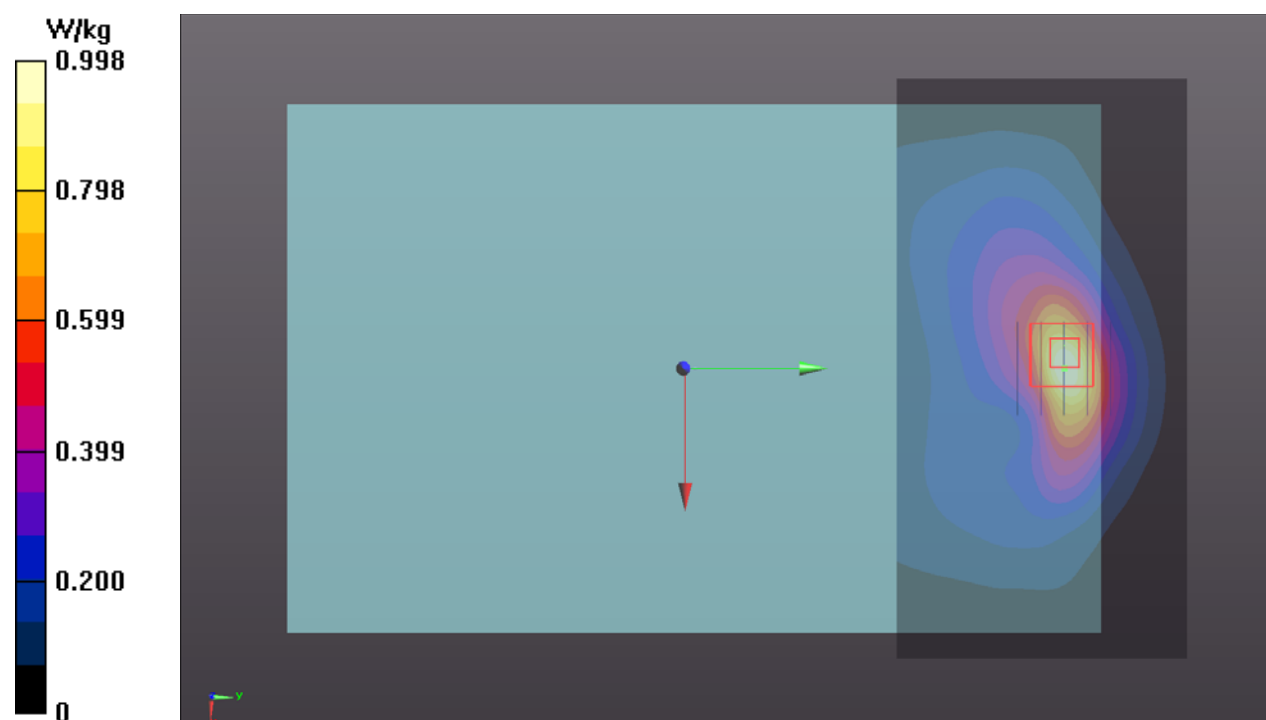
Peak SAR (extrapolated) = 1.23 W/kg

SAR(1 g) = 0.650 W/kg; SAR(10 g) = 0.378 W/kg (SAR corrected for target medium)

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

Ratio of SAR at M2 to SAR at M1 = 53.2%

Maximum value of SAR (measured) = 0.992 W/kg



P13 LTE 38_QPSK20M_Right Side_0mm_Ch38150_1RB_OS0_P-sensor_w**DUT: P21060534**

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

Frequency: 2610 MHz; Duty Cycle: 1:8.34

Medium: H19T27N1_0817 Medium parameters used (interpolated): $f = 2610$ MHz; $\sigma = 2.047$ S/m;

$\epsilon_r = 37.384$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(7.58, 7.58, 7.58) @ 2610 MHz; Calibrated: 2021/06/03
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2021/06/02
- Phantom: ELI Phantom_1206; Type: QDOVA002AA;
- 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) = 1.10 W/kg

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

Reference Value = 22.55 V/m; Power Drift = 0.17 dB

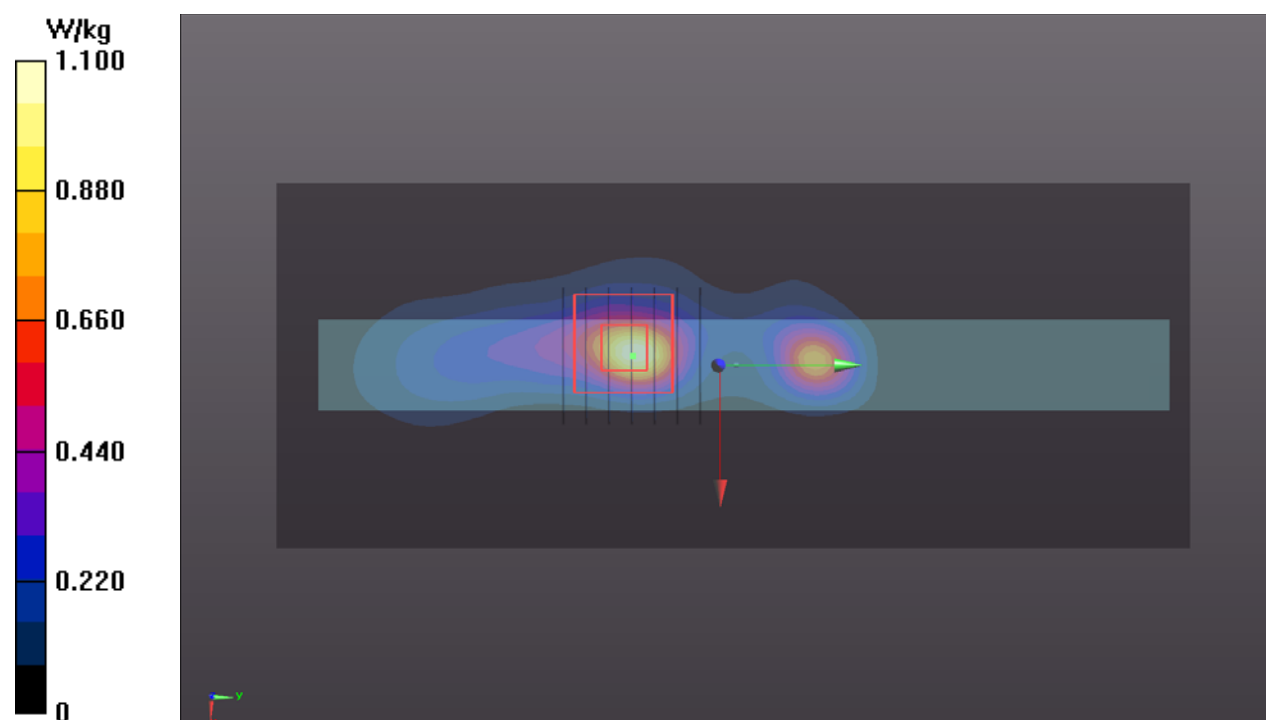
Peak SAR (extrapolated) = 1.50 W/kg

SAR(1 g) = 0.668 W/kg; SAR(10 g) = 0.278 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 = 47.5%

Maximum value of SAR (measured) = 1.14 W/kg



P15 LTE 41_QPSK20M_Right Side_0mm_Ch41490_1RB_OS0_P-sensor_w_o**DUT: P21060534**

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

Frequency: 2680 MHz; Duty Cycle: 1:8.33

Medium: H19T27N1_0817 Medium parameters used: $f = 2680$ MHz; $\sigma = 2.121$ S/m; $\epsilon_r = 37.114$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(7.58, 7.58, 7.58) @ 2680 MHz; Calibrated: 2021/06/03
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2021/06/02
- Phantom: ELI Phantom_1206; Type: QDOVA002AA;
- 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) = 1.33 W/kg

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

Reference Value = 25.93 V/m; Power Drift = -0.11 dB

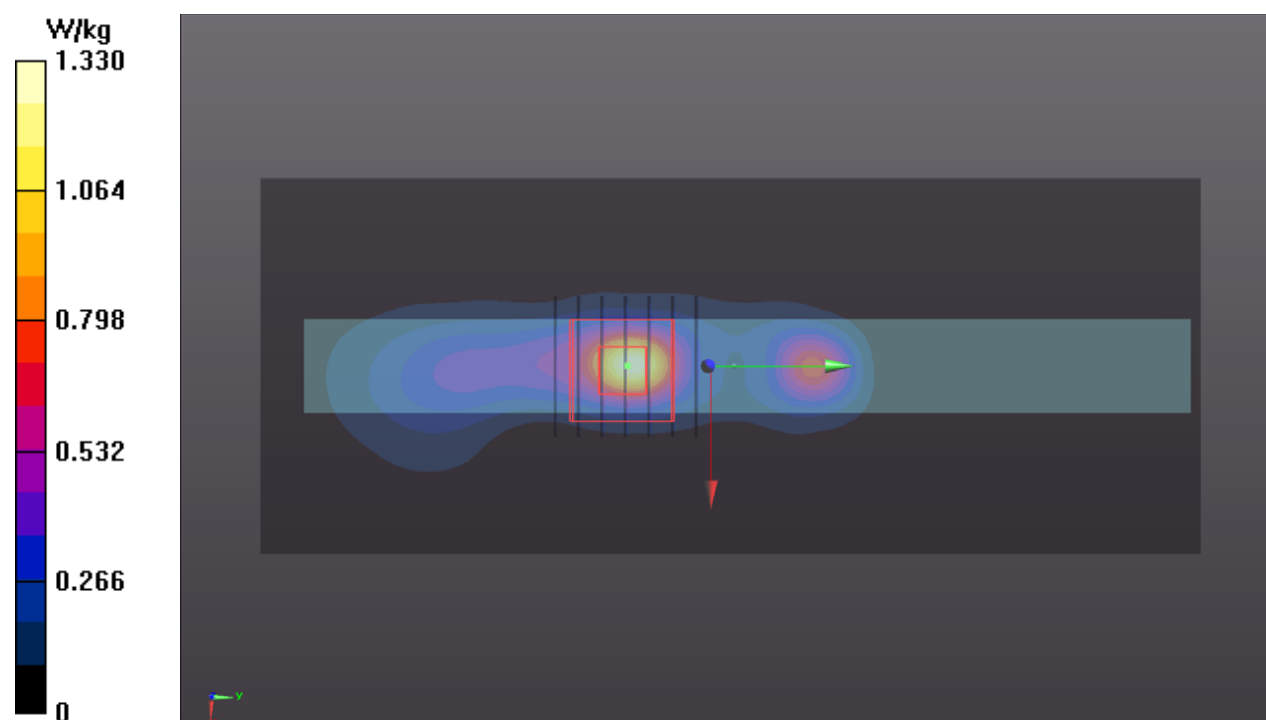
Peak SAR (extrapolated) = 1.73 W/kg

SAR(1 g) = 0.759 W/kg; SAR(10 g) = 0.311 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 7 mm

Ratio of SAR at M2 to SAR at M1 = 47.1%

Maximum value of SAR (measured) = 1.35 W/kg



P16 WLAN2.4G_802.11b_Rear Face_0mm_Ch11_Ant 0+1**DUT: P21060534**

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

Frequency: 2462 MHz; Duty Cycle: 1:1.01

Medium: H19T27N3_0820 Medium parameters used (interpolated): $f = 2462$ MHz; $\sigma = 1.838$ S/m; $\epsilon_r = 38.896$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3887; ConvF(7.33, 7.33, 7.33) @ 2462 MHz; Calibrated: 2020/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2021/04/14
- 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 (191x201x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.508 W/kg

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

Reference Value = 14.60 V/m; Power Drift = 0.18 dB

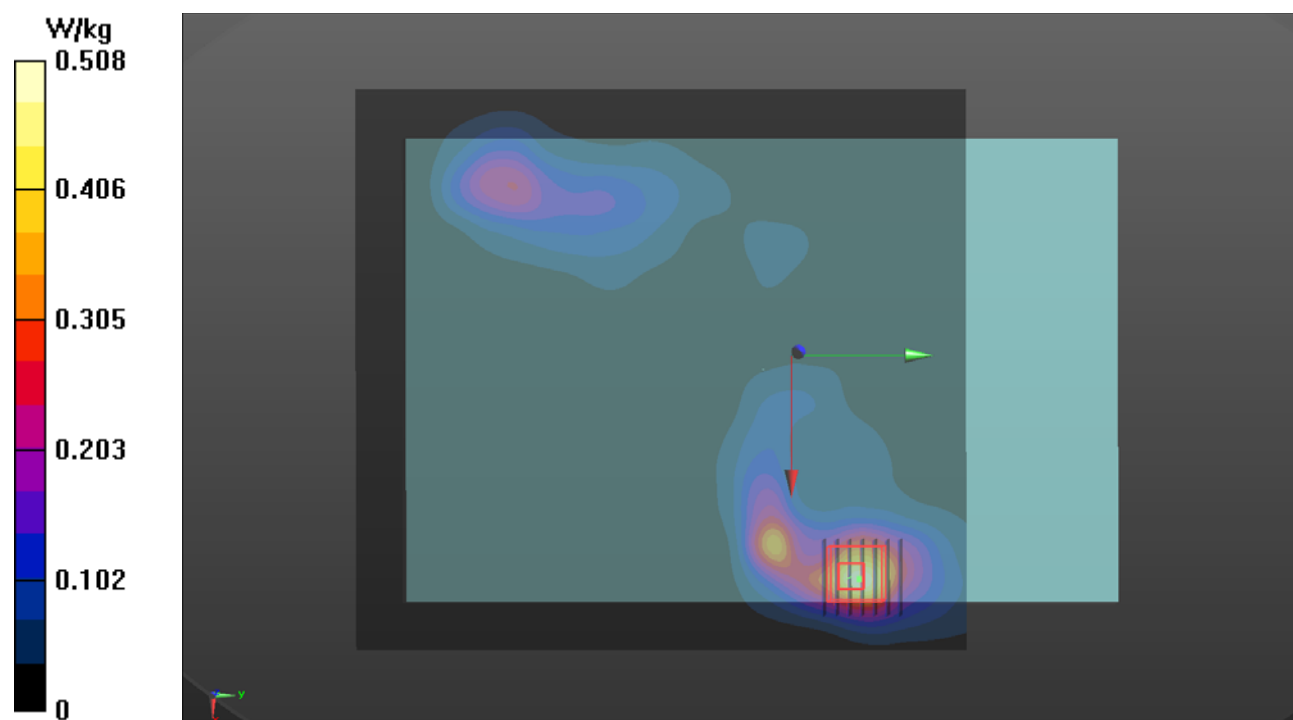
Peak SAR (extrapolated) = 0.807 W/kg

SAR(1 g) = 0.372 W/kg; SAR(10 g) = 0.181 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 11.2 mm

Ratio of SAR at M2 to SAR at M1 = 45.5%

Maximum value of SAR (measured) = 0.632 W/kg



P17 WLAN5.3G_802.11ac VHT80_Top Side_0mm_Ch58_Ant 0+1**DUT: P21060534**

Communication System: UID 10544 - AAC, IEEE 802.11ac WiFi (80MHz, MCS0); Frequency: 5290 MHz; Duty Cycle: 1:1.16

Medium: H34T60N1_0820 Medium parameters used (interpolated): $f = 5290$ MHz; $\sigma = 4.756$ S/m;

$\epsilon_r = 36.04$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3887; ConvF(4.71, 4.71, 4.71) @ 5290 MHz; Calibrated: 2020/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2021/04/14
- 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 (61x321x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.24 W/kg

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

Reference Value = 16.25 V/m; Power Drift = -0.16 dB

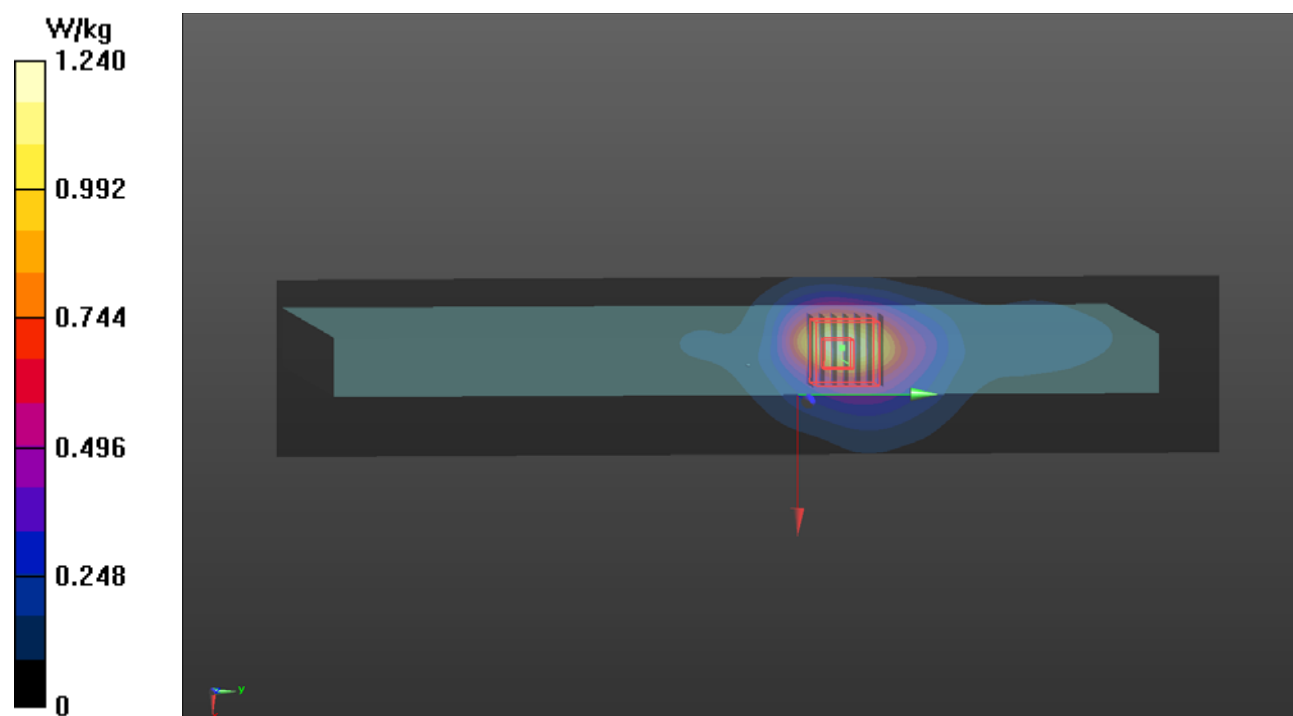
Peak SAR (extrapolated) = 2.72 W/kg

SAR(1 g) = 0.851 W/kg; SAR(10 g) = 0.305 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 = 69.1%

Maximum value of SAR (measured) = 1.79 W/kg



P18 WLAN5.6G_802.11ac VHT80_Top Side_0mm_Ch106_Ant 0**DUT: P21060534**

Communication System: UID 10544 - AAC, IEEE 802.11ac WiFi (80MHz, MCS0); Frequency: 5530 MHz; Duty Cycle: 1:1.16

Medium: H34T60N1_0820 Medium parameters used (interpolated): $f = 5530$ MHz; $\sigma = 5.143$ S/m;

$\epsilon_r = 35.46$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3887; ConvF(4.36, 4.36, 4.36) @ 5530 MHz; Calibrated: 2020/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2021/04/14
- 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 (61x321x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.24 W/kg

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

Reference Value = 16.09 V/m; Power Drift = -0.16 dB

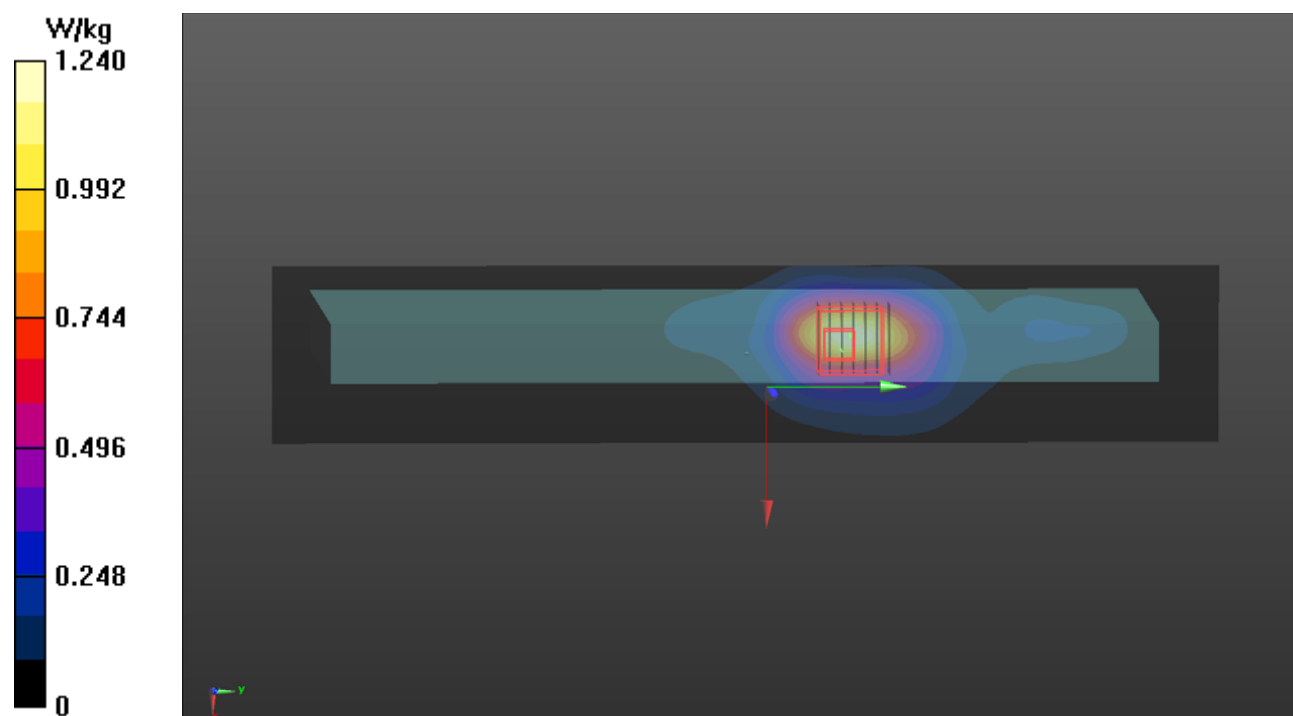
Peak SAR (extrapolated) = 2.93 W/kg

SAR(1 g) = 0.813 W/kg; SAR(10 g) = 0.288 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 = 65.3%

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



P19 WLAN5.8G_802.11n HT40_Top Side_0mm_Ch159_Ant 0+1**DUT: P21060534**

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

Frequency: 5795 MHz; Duty Cycle: 1:1.1

Medium: H34T60N1_0820 Medium parameters used (interpolated): $f = 5795$ MHz; $\sigma = 5.247$ S/m; $\epsilon_r = 35.315$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3887; ConvF(4.36, 4.36, 4.36) @ 5795 MHz; Calibrated: 2020/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2021/4/14
- 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 (61x321x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.71 W/kg

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

Reference Value = 18.95 V/m; Power Drift = -0.16 dB

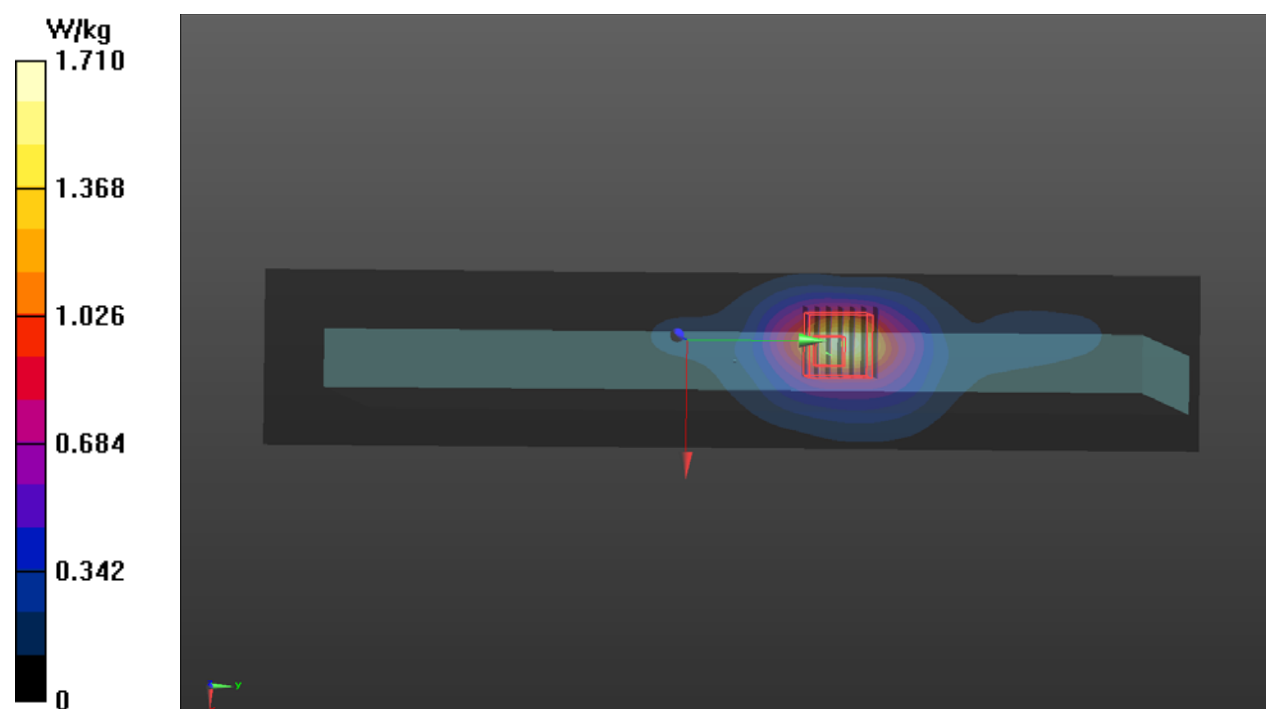
Peak SAR (extrapolated) = 4.02 W/kg

SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.380 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 = 64.8%

Maximum value of SAR (measured) = 2.51 W/kg



P20 BT_BR_EDR_Rear Face_0mm_Ch78_Ant 0**DUT: P21060534**

Communication System: UID 10032 - CAA, IEEE 802.15.1 Bluetooth (GFSK, DH5); Frequency: 2480 MHz; Duty Cycle: 1:1.3

Medium: H19T27N3_0820 Medium parameters used: $f = 2480$ MHz; $\sigma = 1.855$ S/m; $\epsilon_r = 38.824$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3887; ConvF(7.33, 7.33, 7.33) @ 2480 MHz; Calibrated: 2020/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2021/04/14
- 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 (191x171x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.111 W/kg

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

Reference Value = 7.205 V/m; Power Drift = -0.09 dB

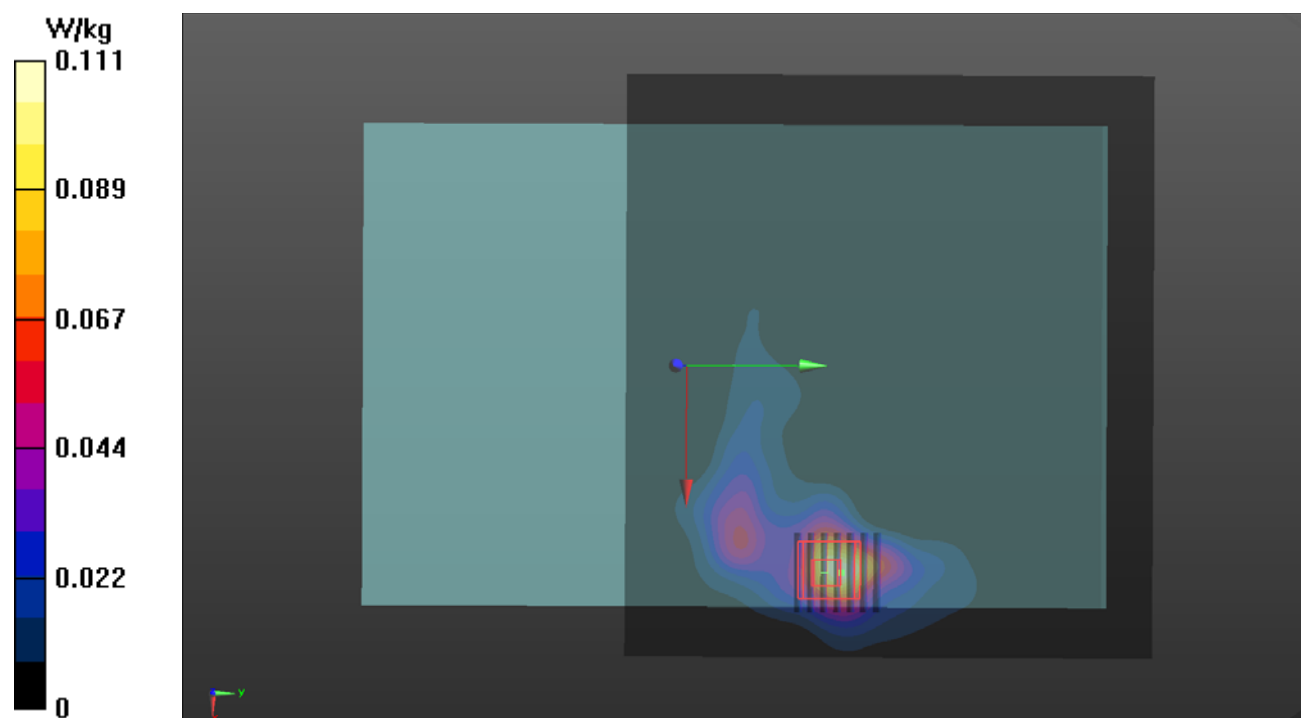
Peak SAR (extrapolated) = 0.168 W/kg

SAR(1 g) = 0.077 W/kg; SAR(10 g) = 0.037 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 11 mm

Ratio of SAR at M2 to SAR at M1 = 45.2%

Maximum value of SAR (measured) = 0.132 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
S01	835	23.4	0.919	42.448	0.9	41.5	2.11	2.28	Pass	Pass	Pass	N/A	N/A	N/A	Sep. 11, 2021	835	9.49	0.457	9.14	-3.69	4d092	3971	1431
S02	1900	23.4	1.459	38.622	1.4	40	4.21	-3.45	Pass	Pass	Pass	N/A	N/A	N/A	Sep. 11, 2021	1900	40.40	2.01	40.20	-0.50	5d036	3820	1305
S03	1900	23.4	1.456	39.288	1.4	40	4.00	-1.78	Pass	Pass	Pass	N/A	N/A	N/A	Aug. 18, 2021	1900	40.40	2.15	43.00	6.44	5d036	7472	579
S04	1750	23.4	1.326	39.842	1.37	40.1	-3.21	-0.64	Pass	Pass	Pass	N/A	N/A	N/A	Aug. 18, 2021	1750	36.40	1.74	34.80	-4.40	1111	7472	579
S05	835	23.4	0.945	43.081	0.9	41.5	5.00	3.81	Pass	Pass	Pass	N/A	N/A	N/A	Aug. 17, 2021	835	9.49	0.496	9.92	4.53	4d092	7472	579
S06	1750	23.4	1.326	39.842	1.37	40.1	-3.21	-0.64	Pass	Pass	Pass	N/A	N/A	N/A	Aug. 18, 2021	1750	36.40	1.74	34.80	-4.40	1111	7472	579
S07	835	23.4	0.945	43.081	0.9	41.5	5.00	3.81	Pass	Pass	Pass	N/A	N/A	N/A	Aug. 17, 2021	835	9.49	0.496	9.92	4.53	4d092	7472	579
S08	2600	23.4	2.035	37.413	1.96	39	3.83	-4.07	Pass	Pass	Pass	N/A	N/A	N/A	Aug. 17, 2021	2600	55.30	2.91	58.20	5.24	1077	7472	579
S09	750	23.4	0.89	43.198	0.89	41.9	0.00	3.10	Pass	Pass	Pass	N/A	N/A	N/A	Aug. 18, 2021	750	8.58	0.389	7.78	-9.32	1078	7472	579
S10	750	23.4	0.89	43.198	0.89	41.9	0.00	3.10	Pass	Pass	Pass	N/A	N/A	N/A	Aug. 18, 2021	750	8.58	0.389	7.78	-9.32	1078	7472	579
S11	1900	23.4	1.456	39.288	1.4	40	4.00	-1.78	Pass	Pass	Pass	N/A	N/A	N/A	Aug. 18, 2021	1900	40.40	2.15	43.00	6.44	5d036	7472	579
S12	835	23.4	0.945	43.081	0.9	41.5	5.00	3.81	Pass	Pass	Pass	N/A	N/A	N/A	Aug. 17, 2021	835	9.49	0.496	9.92	4.53	4d092	7472	579
S13	2600	23.4	2.035	37.413	1.96	39	3.83	-4.07	Pass	Pass	Pass	N/A	N/A	N/A	Aug. 17, 2021	2600	55.30	2.91	58.20	5.24	1077	7472	579
S15	2600	23.4	2.035	37.413	1.96	39	3.83	-4.07	Pass	Pass	Pass	N/A	N/A	N/A	Aug. 17, 2021	2600	55.30	2.91	58.20	5.24	1077	7472	579
S16	2450	23.3	1.827	38.941	1.8	39.2	1.50	-0.66	Pass	Pass	Pass	OFDM	N/A	Pass	Aug. 20, 2021	2450	52.70	2.67	53.40	1.33	835	3887	861
S17	5250	23.3	4.716	36.088	4.71	35.9	0.13	0.52	Pass	Pass	Pass	OFDM	N/A	Pass	Aug. 20, 2021	5250	80.60	4.25	85.00	5.46	1019	3887	861
S18	5600	23.3	5.058	35.601	5.07	35.5	-0.24	0.28	Pass	Pass	Pass	OFDM	N/A	Pass	Aug. 20, 2021	5600	82.40	4.53	90.60	9.95	1019	3887	861
S19	5750	23.3	5.203	35.404	5.22	35.4	-0.33	0.01	Pass	Pass	Pass	OFDM	N/A	Pass	Aug. 20, 2021	5750	79.40	4.03	80.60	1.51	1019	3887	861
S20	2450	23.3	1.827	38.941	1.8	39.2	1.50	-0.66	Pass	Pass	Pass	OFDM	N/A	Pass	Aug. 20, 2021	2450	52.70	2.67	53.40	1.33	835	3887	861

Annex D. Maximum Target Conducted Power

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

GSM Max. Tune-up Power (Full)				
Mode	GSM850	GSM850	GSM1900	GSM1900
	Maximum Burst-Averaged Output Power	Maximum Frame-Averaged Output Power	Maximum Burst-Averaged Output Power	Maximum Frame-Averaged Output Power
	Maximum Target Power	Maximum Target Power	Maximum Target Power	Maximum Target Power
GSM (GMSK, 1Tx-slot)	33.0	24.0	29.5	20.5
GPRS (GMSK, 1Tx-slot)	33.0	24.0	29.5	20.5
GPRS (GMSK, 2Tx-slot)	30.0	24.0	27.0	21.0
GPRS (GMSK, 3Tx-slot)	28.0	23.7	25.0	20.7
GPRS (GMSK, 4Tx-slot)	26.5	23.5	23.5	20.5
DTM (GMSK, 2Tx-slot)	29.5	23.5	26.5	20.5
DTM (GMSK, 3Tx-slot)	28.0	23.7	25.0	20.7
EDGE (8PSK, 1Tx-slot)	26.5	17.5	25.5	16.5
EDGE (8PSK, 2Tx-slot)	24.0	18.0	23.0	17.0
EDGE (8PSK, 3Tx-slot)	22.5	18.2	21.5	17.2
EDGE (8PSK, 4Tx-slot)	21.0	18.0	19.5	16.5
DTM (8PSK, 2Tx-slot)	24.0	18.0	23.0	17.0
DTM (8PSK, 3Tx-slot)	22.5	18.2	21.5	17.2

WCDMA Max. Tune-up Power (Full)		
Mode	RMC 12.2K	HSDPA DC-HSDPA HSUPA
	Maximum Target Power	Maximum Target Power
WCDMA Band II	24.0	23.0
WCDMA Band IV	24.0	23.0
WCDMA Band V	24.0	23.0

LTE Max. Tune-up Power (Full)			
Mode	QPSK	16QAM	64QAM
	Maximum Target Power	Maximum Target Power	Maximum Target Power
LTE 2	23.5	22.5	21.5
LTE 4	23.5	22.5	21.5
LTE 5	23.5	22.5	21.5
LTE 7	23.5	22.5	21.5
LTE 12	23.5	22.5	21.5
LTE 13	23.5	22.5	21.5
LTE 17	23.5	22.5	21.5
LTE 25	23.5	22.5	21.5
LTE 26	23.5	22.5	21.5
LTE 38	24.0	23.0	22.0
LTE 41	24.0	23.0	22.0

GSM Max. Tune-up Power (Reduction)				
Mode	GSM850	GSM850	GSM1900	GSM1900
	Maximum Burst-Averaged Output Power	Maximum Frame-Averaged Output Power	Maximum Burst-Averaged Output Power	Maximum Frame-Averaged Output Power
	Maximum Target Power	Maximum Target Power	Maximum Target Power	Maximum Target Power
GSM (GMSK, 1Tx-slot)	29.0	20.0	26.5	17.5
GPRS (GMSK, 1Tx-slot)	29.5	20.5	26.5	17.5
GPRS (GMSK, 2Tx-slot)	29.5	23.5	25.0	19.0
GPRS (GMSK, 3Tx-slot)	27.5	23.2	23.0	18.7
GPRS (GMSK, 4Tx-slot)	26.0	23.0	21.5	18.5
DTM (GMSK, 2Tx-slot)	29.0	23.0	25.0	19.0
DTM (GMSK, 3Tx-slot)	27.5	23.2	23.0	18.7
EDGE (8PSK, 1Tx-slot)	21.0	12.0	20.0	11.0
EDGE (8PSK, 2Tx-slot)	20.0	14.0	19.0	13.0
EDGE (8PSK, 3Tx-slot)	19.0	14.7	18.0	13.7
EDGE (8PSK, 4Tx-slot)	17.0	14.0	16.0	13.0
DTM (8PSK, 2Tx-slot)	20.0	14.0	19.0	13.0
DTM (8PSK, 3Tx-slot)	19.0	14.7	18.0	13.7

WCDMA Max. Tune-up Power (Reduction)		
Mode	RMC 12.2K	HSDPA DC-HSDPA HSUPA
	Maximum Target Power	Maximum Target Power
WCDMA Band II	17.0	17.0
WCDMA Band IV	16.5	16.5
WCDMA Band V	21.0	21.0

LTE Max. Tune-up Power (Reduction)			
Mode	QPSK	16QAM	64QAM
	Maximum Target Power	Maximum Target Power	Maximum Target Power
LTE 2	18.0	18.0	18.0
LTE 4	17.0	17.0	17.0
LTE 5	20.5	20.5	20.5
LTE 7	16.0	16.0	16.0
LTE 12	20.5	20.5	20.5
LTE 13	20.5	20.5	20.5
LTE 17	20.5	20.5	20.5
LTE 25	18.0	18.0	18.0
LTE 26	20.5	20.5	20.5
LTE 38	17.0	17.0	17.0
LTE 41	16.0	16.0	16.0

WLAN Tune-up Power (Full)							
WLAN 2.4GHz							
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up	MIMO Ant 0 Tune up	MIMO Ant 1 Tune up	MIMO Ant 0+1 Max Tune up
802.11b	1	2412	16.0	16.0	16.0	16.0	19.0
	6	2437	16.0	16.0	16.0	16.0	19.0
	11	2462	16.0	16.0	16.0	16.0	19.0
802.11g	1	2412	16.0	16.0	16.0	16.0	19.0
	6	2437	16.0	16.0	16.0	16.0	19.0
	11	2462	16.0	16.0	16.0	16.0	19.0
802.11n HT20	1	2412	16.0	16.0	16.0	16.0	19.0
	6	2437	16.0	16.0	16.0	16.0	19.0
	11	2462	16.0	16.0	16.0	16.0	19.0
802.11n HT40	3	2422	16.0	16.0	16.0	16.0	19.0
	6	2437	16.0	16.0	16.0	16.0	19.0
	9	2452	16.0	16.0	16.0	16.0	19.0

WLAN Tune-up Power (Full)				
Bluetooth				
Mode	Channel	Frequency	Ant 0 Max Tune-up	
BR / EDR	0	2402	6.5	0.0
	39	2441	6.5	0.0
	78	2480	6.5	0.0
LE	0	2402	5.5	0.0
	19	2440	5.5	0.0
	39	2480	5.5	0.0

WLAN Tune-up Power (Full)							
WLAN 5.2GHz							
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up	MIMO Ant 0 Tune up	MIMO Ant 1 Tune up	MIMO Ant 0+1 Max Tune up
802.11a	36	5180	12.5	12.5	12.5	12.5	15.5
	40	5200	12.5	12.5	12.5	12.5	15.5
	44	5220	12.5	12.5	12.5	12.5	15.5
	48	5240	12.5	12.5	12.5	12.5	15.5
802.11n HT20	36	5180	12.5	12.5	12.5	12.5	15.5
	40	5200	12.5	12.5	12.5	12.5	15.5
	44	5220	12.5	12.5	12.5	12.5	15.5
	48	5240	12.5	12.5	12.5	12.5	15.5
802.11n HT40	38	5190	12.5	12.5	12.5	12.5	15.5
	46	5230	12.5	12.5	12.5	12.5	15.5
802.11ac VHT20	36	5180	12.5	12.5	12.5	12.5	15.5
	40	5200	12.5	12.5	12.5	12.5	15.5
	44	5220	12.5	12.5	12.5	12.5	15.5
	48	5240	12.5	12.5	12.5	12.5	15.5
802.11ac VHT40	38	5190	12.5	12.5	12.5	12.5	15.5
	46	5230	12.5	12.5	12.5	12.5	15.5
802.11ac VHT80	42	5210	12.5	12.5	12.5	12.5	15.5

WLAN Tune-up Power (Full)							
WLAN 5.3GHz							
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up	MIMO Ant 0 Tune up	MIMO Ant 1 Tune up	MIMO Ant 0+1 Max Tune up
802.11a	52	5260	12.5	12.5	12.5	12.5	15.5
	56	5280	12.5	12.5	12.5	12.5	15.5
	60	5300	12.5	12.5	12.5	12.5	15.5
	64	5320	12.5	12.5	12.5	12.5	15.5
802.11n HT20	52	5260	12.5	12.5	12.5	12.5	15.5
	56	5280	12.5	12.5	12.5	12.5	15.5
	60	5300	12.5	12.5	12.5	12.5	15.5
	64	5320	12.5	12.5	12.5	12.5	15.5
802.11n HT40	54	5270	12.5	12.5	12.5	12.5	15.5
	62	5310	12.5	12.5	12.5	12.5	15.5
802.11ac VHT20	52	5260	12.5	12.5	12.5	12.5	15.5
	56	5280	12.5	12.5	12.5	12.5	15.5
	60	5300	12.5	12.5	12.5	12.5	15.5
	64	5320	12.5	12.5	12.5	12.5	15.5
802.11ac VHT40	54	5270	12.5	12.5	12.5	12.5	15.5
	62	5310	12.5	12.5	12.5	12.5	15.5
802.11ac VHT80	58	5290	12.5	12.5	12.5	12.5	15.5

WLAN Tune-up Power (Full)							
WLAN 5.6GHz							
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up	MIMO Ant 0 Tune up	MIMO Ant 1 Tune up	MIMO Ant 0+1 Max Tune up
802.11a	100	5500	12.5	12.5	12.5	12.5	15.5
	116	5580	12.5	12.5	12.5	12.5	15.5
	120	5600	12.5	12.5	12.5	12.5	15.5
	124	5620	12.5	12.5	12.5	12.5	15.5
	132	5660	12.5	12.5	12.5	12.5	15.5
	140	5700	12.5	12.5	12.5	12.5	15.5
802.11n HT20	100	5500	12.5	12.5	12.5	12.5	15.5
	116	5580	12.5	12.5	12.5	12.5	15.5
	120	5600	12.5	12.5	12.5	12.5	15.5
	124	5620	12.5	12.5	12.5	12.5	15.5
	132	5660	12.5	12.5	12.5	12.5	15.5
	140	5700	12.5	12.5	12.5	12.5	15.5
802.11n HT40	102	5510	12.5	12.5	12.5	12.5	15.5
	110	5550	12.5	12.5	12.5	12.5	15.5
	118	5590	12.5	12.5	12.5	12.5	15.5
	126	5630	12.5	12.5	12.5	12.5	15.5
	134	5670	12.5	12.5	12.5	12.5	15.5
802.11ac VHT20	100	5500	12.5	12.5	12.5	12.5	15.5
	116	5580	12.5	12.5	12.5	12.5	15.5
	120	5600	12.5	12.5	12.5	12.5	15.5
	124	5620	12.5	12.5	12.5	12.5	15.5
	132	5660	12.5	12.5	12.5	12.5	15.5
	140	5700	12.5	12.5	12.5	12.5	15.5
802.11ac VHT40	102	5510	12.5	12.5	12.5	12.5	15.5
	110	5550	12.5	12.5	12.5	12.5	15.5
	118	5590	12.5	12.5	12.5	12.5	15.5
	126	5630	12.5	12.5	12.5	12.5	15.5
	134	5670	12.5	12.5	12.5	12.5	15.5
802.11ac VHT80	106	5530	12.5	12.5	12.5	12.5	15.5
	122	5610	12.5	12.5	12.5	12.5	15.5

WLAN Tune-up Power (Full)							
WLAN 5.8GHz							
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up	MIMO Ant 0 Tune up	MIMO Ant 1 Tune up	MIMO Ant 0+1 Max Tune up
802.11a	149	5745	12.5	12.5	12.5	12.5	15.5
	153	5765	12.5	12.5	12.5	12.5	15.5
	157	5785	12.5	12.5	12.5	12.5	15.5
	161	5805	12.5	12.5	12.5	12.5	15.5
	165	5825	12.5	12.5	12.5	12.5	15.5
802.11n HT20	149	5745	12.5	12.5	12.5	12.5	15.5
	153	5765	12.5	12.5	12.5	12.5	15.5
	157	5785	12.5	12.5	12.5	12.5	15.5
	161	5805	12.5	12.5	12.5	12.5	15.5
	165	5825	12.5	12.5	12.5	12.5	15.5
802.11n HT40	151	5755	12.5	12.5	12.5	12.5	15.5
	159	5795	12.5	12.5	12.5	12.5	15.5
802.11ac VHT20	149	5745	12.5	12.5	12.5	12.5	15.5
	153	5765	12.5	12.5	12.5	12.5	15.5
	157	5785	12.5	12.5	12.5	12.5	15.5
	161	5805	12.5	12.5	12.5	12.5	15.5
	165	5825	12.5	12.5	12.5	12.5	15.5
802.11ac VHT40	151	5755	12.5	12.5	12.5	12.5	15.5
	159	5795	12.5	12.5	12.5	12.5	15.5

Annex E. Measured Conducted Power Result

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

GSM Conducted Power (Full)						
Band	GSM850			GSM1900		
Channel	128	189	251	512	661	810
Frequency	824.2	836.4	848.8	1850.2	1880	1909.8
GSM	32.33	32.45	32.62	29.19	29.11	29.23
GPRS 1Tx Slot	32.23	32.42	32.59	29.04	29.05	29.12
GPRS 2Tx Slot	29.53	29.63	29.66	26.43	26.39	26.58
GPRS 3Tx Slot	27.71	27.73	27.84	24.58	24.63	24.67
GPRS 4Tx Slot	26.41	26.44	26.49	23.22	23.14	23.32
DTM 9 (GPRS)	29.49	29.48	29.49	26.35	26.29	26.49
DTM 11 (GPRS)	27.62	27.68	27.77	24.51	24.52	24.58
EDGE 1Tx Slot (MCS9)	26.32	26.22	26.42	25.28	25.25	25.34
EDGE 2Tx Slot (MCS9)	23.77	23.74	23.79	22.67	22.76	22.78
EDGE 3Tx Slot (MCS9)	22.12	22.00	22.17	21.38	21.32	21.47
EDGE 4Tx Slot (MCS9)	20.66	20.55	20.75	19.37	19.30	19.45
DTM 9 (EDGE)	23.72	23.65	23.71	22.61	22.72	22.73
DTM 11 (EDGE)	22.08	21.97	22.05	21.31	21.28	21.41

WCDMA Conducted Power (Full)									
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	23.55	23.67	23.53	23.85	23.76	23.71	23.82	23.81	23.86
HSDPA Subtest-1	22.90	22.92	22.91	22.45	22.36	22.32	22.85	22.86	22.83
HSDPA Subtest-2	22.90	22.92	22.91	22.41	22.32	22.28	22.83	22.87	22.82
HSDPA Subtest-3	22.44	22.46	22.45	21.87	21.78	21.74	22.36	22.35	22.35
HSDPA Subtest-4	22.41	22.43	22.42	21.98	21.89	21.85	22.37	22.36	22.36
DC-HSDPA Subtest-1	22.87	22.89	22.88	22.42	22.33	22.29	22.77	22.85	22.74
DC-HSDPA Subtest-2	22.87	22.89	22.88	22.38	22.29	22.25	22.83	22.78	22.79
DC-HSDPA Subtest-3	22.41	22.43	22.42	21.84	21.75	21.71	22.30	22.28	22.25
DC-HSDPA Subtest-4	22.38	22.40	22.39	21.95	21.86	21.82	22.31	22.34	22.29
HSUPA Subtest-1	22.47	22.49	22.48	22.57	22.48	22.44	22.85	22.78	22.82
HSUPA Subtest-2	20.46	20.48	20.47	20.60	20.51	20.47	20.82	20.87	20.83
HSUPA Subtest-3	21.52	21.54	21.53	21.76	21.67	21.63	21.89	21.85	21.66
HSUPA Subtest-4	20.43	20.45	20.44	20.62	20.53	20.49	20.85	20.75	20.78
HSUPA Subtest-5	22.48	22.50	22.49	22.09	22.00	21.96	22.81	22.91	22.82
HSPA+ Subtest-1	19.96	19.98	19.97	20.10	20.01	19.97	20.13	20.12	20.15

LTE Conducted Power (Full)						
LTE Band 2						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		18700	18900	19100
		Frequency (MHz)		1860	1880	1900
20M	QPSK	1	0	23.29	23.33	23.27
		1	50	23.22	23.31	23.25
		1	99	23.12	23.30	23.23
		50	0	22.35	22.39	22.33
		50	25	22.18	22.33	22.24
		50	50	22.25	22.37	22.28
		100	0	22.21	22.38	22.29
20M	16QAM	1	0	22.29	22.32	22.23
		1	50	22.20	22.28	22.16
		1	99	22.08	22.25	22.20
		50	0	21.27	21.31	21.25
		50	25	21.17	21.27	21.22
		50	50	21.17	21.35	21.19
		100	0	21.21	21.37	21.28
20M	64QAM	1	0	21.24	21.23	21.19
		1	50	21.22	21.31	21.24
		1	99	21.08	21.22	21.14
		50	0	20.27	20.27	20.29
		50	25	20.08	20.30	20.19
		50	50	20.19	20.30	20.20
		100	0	20.21	20.33	20.21
BW	MCS Index	Channel		18675	18900	19125
		Frequency (MHz)		1857.5	1880	1902.5
15M	QPSK	1	0	23.21	23.26	23.20
		1	37	23.17	23.29	23.21
		1	74	23.08	23.20	23.23
		36	0	22.33	22.30	22.28
		36	19	22.18	22.31	22.19
		36	39	22.20	22.32	22.27
		75	0	22.17	22.31	22.27
15M	16QAM	1	0	22.17	22.25	22.10
		1	37	22.10	22.15	22.18
		1	74	21.97	22.16	22.19
		36	0	21.25	21.26	21.15
		36	19	21.01	21.19	21.20
		36	39	21.23	21.27	21.20
		75	0	21.12	21.30	21.12
15M	64QAM	1	0	21.20	21.26	21.16
		1	37	21.18	21.25	21.11
		1	74	21.07	21.19	21.11
		36	0	20.30	20.18	20.28
		36	19	20.11	20.25	20.15
		36	39	20.12	20.24	20.20
		75	0	20.12	20.36	20.18

LTE Conducted Power (Full)						
LTE Band 2						
BW	MCS Index	Channel		18650	18900	19150
		Frequency (MHz)		1855	1880	1905
10M	QPSK	1	0	23.19	23.24	23.12
		1	24	23.15	23.20	23.16
		1	49	23.02	23.16	23.15
		25	0	22.17	22.30	22.23
		25	12	21.97	22.18	22.17
		25	25	22.20	22.32	22.13
		50	0	22.16	22.24	22.23
10M	16QAM	1	0	22.15	22.10	22.18
		1	24	22.10	22.17	21.96
		1	49	21.97	21.99	21.99
		25	0	21.15	21.20	21.05
		25	12	20.91	21.21	21.08
		25	25	20.98	21.18	21.13
		50	0	21.01	21.14	21.04
10M	64QAM	1	0	21.10	21.15	21.13
		1	24	20.97	21.14	21.06
		1	49	20.94	21.17	20.95
		25	0	20.23	20.10	20.09
		25	12	20.07	20.19	20.00
		25	25	19.95	20.20	20.12
		50	0	19.90	20.23	20.07
BW	MCS Index	Channel		18625	18900	19175
		Frequency (MHz)		1852.5	1880	1907.5
5M	QPSK	1	0	23.25	23.29	23.07
		1	12	23.16	23.20	23.09
		1	24	23.04	23.22	22.85
		12	0	22.18	22.22	22.22
		12	6	22.02	22.15	21.97
		12	13	22.18	22.24	22.12
		25	0	22.11	22.30	22.08
5M	16QAM	1	0	22.05	22.15	22.05
		1	12	21.95	22.16	22.04
		1	24	22.08	22.10	22.08
		12	0	21.18	21.17	21.06
		12	6	20.92	21.08	20.97
		12	13	21.08	21.20	21.02
		25	0	21.10	21.20	21.19
5M	64QAM	1	0	21.15	21.22	21.04
		1	12	20.95	21.25	21.11
		1	24	21.03	21.03	20.99
		12	0	20.11	20.16	20.23
		12	6	20.02	20.19	20.16
		12	13	20.14	20.08	20.15
		25	0	20.12	20.03	20.22

LTE Conducted Power (Full)						
LTE Band 2						
BW	MCS Index	Channel		18615	18900	19185
		Frequency (MHz)		1851.5	1880	1908.5
3M	QPSK	1	0	23.14	23.17	23.19
		1	7	23.18	23.19	23.11
		1	14	23.02	23.21	23.09
		8	0	22.23	22.13	22.27
		8	3	21.93	22.28	22.11
		8	7	22.22	22.33	22.22
		15	0	21.99	22.24	22.08
3M	16QAM	1	0	22.13	22.15	22.02
		1	7	22.04	22.19	21.95
		1	14	21.93	22.03	22.09
		8	0	21.19	21.17	21.25
		8	3	20.90	21.20	21.06
		8	7	21.08	21.27	21.01
		15	0	20.97	21.29	21.17
3M	64QAM	1	0	21.05	21.14	21.12
		1	7	21.11	21.11	21.18
		1	14	20.97	21.20	20.96
		8	0	20.20	20.24	20.25
		8	3	19.96	20.26	20.08
		8	7	19.95	20.24	20.20
		15	0	20.05	20.09	20.12
BW	MCS Index	Channel		18607	18900	19193
		Frequency (MHz)		1850.7	1880	1909.3
1.4M	QPSK	1	0	23.15	23.31	23.19
		1	2	23.09	23.09	23.16
		1	5	23.02	23.13	23.13
		3	0	23.29	23.19	23.14
		3	1	23.03	23.23	23.13
		3	3	23.16	23.15	23.11
		6	0	22.07	22.26	22.17
1.4M	16QAM	1	0	22.12	22.15	22.02
		1	2	22.05	22.12	22.01
		1	5	21.87	22.09	22.05
		3	0	22.19	22.16	22.16
		3	1	22.01	22.17	22.08
		3	3	22.19	22.11	22.06
		6	0	21.00	21.16	21.21
1.4M	64QAM	1	0	21.01	21.12	21.09
		1	2	21.02	21.19	21.04
		1	5	20.90	21.11	21.03
		3	0	21.23	21.22	21.12
		3	1	20.91	21.11	21.02
		3	3	21.12	21.22	21.05
		6	0	19.97	20.23	20.05

LTE Conducted Power (Full)						
LTE Band 4						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		20050	20175	20300
		Frequency (MHz)		1720	1732.5	1745
20M	QPSK	1	0	23.40	23.45	23.36
		1	50	23.29	23.34	23.25
		1	99	23.32	23.37	23.28
		50	0	22.37	22.42	22.33
		50	25	22.33	22.38	22.29
		50	50	22.34	22.39	22.30
		100	0	22.32	22.37	22.28
20M	16QAM	1	0	22.38	22.45	22.27
		1	50	22.25	22.30	22.24
		1	99	22.32	22.37	22.22
		50	0	21.27	21.40	21.29
		50	25	21.33	21.35	21.26
		50	50	21.33	21.30	21.27
		100	0	21.23	21.37	21.26
20M	64QAM	1	0	21.39	21.42	21.31
		1	50	21.27	21.34	21.16
		1	99	21.32	21.28	21.22
		50	0	20.29	20.41	20.24
		50	25	20.26	20.30	20.24
		50	50	20.34	20.34	20.20
		100	0	20.28	20.32	20.22
BW	MCS Index	Channel		20025	20175	20325
		Frequency (MHz)		1717.5	1732.5	1747.5
15M	QPSK	1	0	23.38	23.36	23.32
		1	37	23.23	23.24	23.23
		1	74	23.23	23.29	23.23
		36	0	22.36	22.39	22.32
		36	19	22.24	22.36	22.22
		36	39	22.33	22.33	22.29
		75	0	22.27	22.34	22.28
15M	16QAM	1	0	22.30	22.33	22.20
		1	37	22.16	22.33	22.18
		1	74	22.14	22.30	22.15
		36	0	21.23	21.24	21.28
		36	19	21.23	21.33	21.24
		36	39	21.20	21.20	21.19
		75	0	21.29	21.25	21.18
15M	64QAM	1	0	21.28	21.39	21.27
		1	37	21.17	21.29	21.16
		1	74	21.12	21.32	21.13
		36	0	20.29	20.37	20.33
		36	19	20.27	20.30	20.12
		36	39	20.24	20.28	20.18
		75	0	20.22	20.23	20.11

LTE Conducted Power (Full)						
LTE Band 4						
BW	MCS Index	Channel		20000	20175	20350
		Frequency (MHz)		1715	1732.5	1750
10M	QPSK	1	0	23.35	23.23	23.21
		1	24	23.13	23.12	23.15
		1	49	23.08	23.21	23.07
		25	0	22.15	22.33	22.31
		25	12	22.08	22.24	22.12
		25	25	22.21	22.27	22.16
		50	0	22.08	22.18	22.18
10M	16QAM	1	0	22.27	22.17	22.09
		1	24	22.23	22.24	22.03
		1	49	22.06	22.18	22.01
		25	0	21.23	21.19	21.19
		25	12	21.12	21.20	21.17
		25	25	21.12	21.20	21.12
		50	0	21.23	21.11	21.13
10M	64QAM	1	0	21.14	21.39	21.07
		1	24	21.13	21.12	21.13
		1	49	21.16	21.24	20.94
		25	0	20.09	20.15	20.19
		25	12	20.22	20.20	20.03
		25	25	20.04	20.24	20.14
		50	0	20.14	20.21	20.08
BW	MCS Index	Channel		19975	20175	20375
		Frequency (MHz)		1712.5	1732.5	1752.5
5M	QPSK	1	0	23.25	23.41	23.16
		1	12	23.17	23.28	23.05
		1	24	23.28	23.16	23.14
		12	0	22.35	22.34	22.09
		12	6	22.25	22.23	22.11
		12	13	22.33	22.25	22.18
		25	0	22.10	22.21	22.07
5M	16QAM	1	0	22.25	22.27	22.31
		1	12	22.06	22.18	22.04
		1	24	22.15	22.13	22.06
		12	0	21.13	21.25	21.14
		12	6	21.19	21.16	21.21
		12	13	21.22	21.20	21.14
		25	0	21.11	21.23	21.06
5M	64QAM	1	0	21.29	21.21	21.20
		1	12	21.09	21.25	21.04
		1	24	21.29	21.24	21.13
		12	0	20.31	20.12	20.20
		12	6	20.25	20.28	20.06
		12	13	20.09	20.18	20.07
		25	0	20.21	20.10	20.11

LTE Conducted Power (Full)						
LTE Band 4						
BW	MCS Index	Channel		19965	20175	20385
		Frequency (MHz)		1711.5	1732.5	1753.5
3M	QPSK	1	0	23.25	23.28	23.30
		1	7	23.24	23.21	23.16
		1	14	23.12	23.25	23.12
		8	0	22.23	22.23	22.14
		8	3	22.22	22.29	22.25
		8	7	22.23	22.26	22.20
		15	0	22.22	22.32	22.14
3M	16QAM	1	0	22.23	22.31	22.27
		1	7	22.18	22.19	22.06
		1	14	22.23	22.16	22.13
		8	0	21.23	21.30	21.12
		8	3	21.11	21.25	21.19
		8	7	21.21	21.23	21.12
		15	0	21.00	21.28	21.12
3M	64QAM	1	0	21.25	21.25	21.15
		1	7	21.05	21.20	21.12
		1	14	21.09	21.08	21.01
		8	0	20.22	20.15	20.07
		8	3	20.12	20.13	20.12
		8	7	20.16	20.29	20.10
		15	0	20.10	20.11	20.07
BW	MCS Index	Channel		19957	20175	20393
		Frequency (MHz)		1710.7	1732.5	1754.3
1.4M	QPSK	1	0	23.19	23.29	23.26
		1	2	23.26	23.18	23.09
		1	5	23.18	23.25	23.05
		3	0	23.21	23.20	23.26
		3	1	23.27	23.20	23.13
		3	3	23.29	23.22	23.16
		6	0	22.26	22.28	22.16
1.4M	16QAM	1	0	22.34	22.34	22.17
		1	2	22.17	22.12	22.05
		1	5	22.24	22.26	22.06
		3	0	22.30	22.18	22.19
		3	1	22.15	22.14	22.15
		3	3	22.07	22.27	22.09
		6	0	21.20	21.16	21.13
1.4M	64QAM	1	0	21.27	21.31	21.18
		1	2	21.14	21.10	21.08
		1	5	21.25	21.21	21.12
		3	0	21.14	21.32	21.08
		3	1	21.13	21.22	21.20
		3	3	21.04	21.16	21.07
		6	0	20.11	20.15	20.12

LTE Conducted Power (Full)						
LTE Band 5						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		20450	20525	20600
		Frequency (MHz)		829	836.5	844
10M	QPSK	1	0	23.17	23.21	23.20
		1	24	23.12	23.16	23.15
		1	49	23.09	23.13	23.12
		25	0	22.16	22.20	22.19
		25	12	22.15	22.19	22.18
		25	25	22.11	22.15	22.14
		50	0	22.08	22.12	22.11
10M	16QAM	1	0	22.17	22.17	22.12
		1	24	22.10	22.09	22.14
		1	49	22.01	22.07	22.07
		25	0	21.12	21.20	21.11
		25	12	21.09	21.18	21.17
		25	25	21.04	21.12	21.09
		50	0	21.04	21.08	21.11
10M	64QAM	1	0	21.13	21.14	21.19
		1	24	21.02	21.12	21.11
		1	49	21.07	21.06	21.12
		25	0	20.10	20.19	20.11
		25	12	20.13	20.09	20.16
		25	25	20.06	20.11	20.09
		50	0	19.99	20.04	20.03
BW	MCS Index	Channel		20425	20525	20625
		Frequency (MHz)		826.5	836.5	846.5
5M	QPSK	1	0	23.11	23.06	23.12
		1	12	22.90	22.96	23.07
		1	24	22.98	23.10	22.87
		12	0	21.97	22.11	22.16
		12	6	22.11	22.15	22.16
		12	13	21.97	21.98	21.86
		25	0	21.86	21.97	21.82
5M	16QAM	1	0	21.96	22.05	21.98
		1	12	22.01	22.01	21.96
		1	24	21.88	21.84	21.96
		12	0	20.90	21.11	20.93
		12	6	21.04	20.97	21.05
		12	13	21.00	20.98	20.97
		25	0	20.82	20.96	20.99
5M	64QAM	1	0	20.99	20.91	21.01
		1	12	20.92	21.01	20.96
		1	24	20.96	20.87	21.05
		12	0	20.06	19.90	20.08
		12	6	20.06	20.01	19.98
		12	13	19.90	19.89	20.06
		25	0	19.91	19.92	20.03

LTE Conducted Power (Full)						
LTE Band 5						
BW	MCS Index	Channel		20415	20525	20635
		Frequency (MHz)		825.5	836.5	847.5
3M	QPSK	1	0	23.08	23.04	23.00
		1	7	22.99	23.03	23.04
		1	14	22.93	23.06	23.04
		8	0	22.01	22.00	22.07
		8	3	22.09	21.99	22.07
		8	7	22.00	22.07	21.98
		15	0	21.99	21.91	22.05
3M	16QAM	1	0	21.99	21.98	22.10
		1	7	21.96	22.06	22.07
		1	14	21.92	21.89	21.89
		8	0	21.05	21.01	20.92
		8	3	20.90	20.99	21.06
		8	7	20.90	20.89	21.02
		15	0	20.98	21.07	20.98
3M	64QAM	1	0	21.05	20.99	21.05
		1	7	20.91	20.95	21.02
		1	14	20.85	20.94	20.98
		8	0	19.94	20.14	20.06
		8	3	20.02	20.03	20.00
		8	7	20.01	20.10	20.05
		15	0	19.82	19.94	19.95
BW	MCS Index	Channel		20407	20525	20643
		Frequency (MHz)		824.7	836.5	848.3
1.4M	QPSK	1	0	23.09	23.07	23.03
		1	2	22.95	23.03	23.00
		1	5	22.94	22.97	22.93
		3	0	23.13	23.11	23.07
		3	1	23.03	23.06	23.11
		3	3	23.07	23.03	23.01
		6	0	22.04	21.99	21.95
1.4M	16QAM	1	0	21.99	21.97	22.12
		1	2	22.07	21.95	21.94
		1	5	21.95	22.01	22.04
		3	0	21.91	21.98	21.98
		3	1	21.89	22.04	22.12
		3	3	21.92	22.08	22.01
		6	0	20.88	21.04	20.83
1.4M	64QAM	1	0	20.93	20.94	21.13
		1	2	20.95	20.96	20.89
		1	5	21.01	20.88	20.86
		3	0	21.12	21.08	21.08
		3	1	20.96	20.96	21.05
		3	3	20.98	21.00	21.12
		6	0	19.90	19.94	19.86

LTE Conducted Power (Full)						
LTE Band 7						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		20850	21100	21350
		Frequency (MHz)		2510	2535	2560
20M	QPSK	1	0	23.45	23.43	23.47
		1	50	23.44	23.42	23.46
		1	99	23.37	23.35	23.39
		50	0	22.42	22.40	22.44
		50	25	22.37	22.35	22.39
		50	50	22.38	22.36	22.40
		100	0	22.40	22.38	22.42
20M	16QAM	1	0	22.37	22.40	22.38
		1	50	22.36	22.40	22.43
		1	99	22.33	22.35	22.31
		50	0	21.41	21.31	21.39
		50	25	21.31	21.34	21.35
		50	50	21.31	21.34	21.32
		100	0	21.39	21.28	21.32
20M	64QAM	1	0	21.41	21.38	21.44
		1	50	21.36	21.33	21.43
		1	99	21.32	21.30	21.39
		50	0	20.34	20.33	20.36
		50	25	20.35	20.32	20.35
		50	50	20.31	20.29	20.33
		100	0	20.37	20.29	20.42
BW	MCS Index	Channel		20825	21100	21375
		Frequency (MHz)		2507.5	2535	2562.5
15M	QPSK	1	0	23.42	23.36	23.42
		1	37	23.38	23.42	23.38
		1	74	23.37	23.25	23.29
		36	0	22.39	22.38	22.37
		36	19	22.35	22.31	22.35
		36	39	22.33	22.33	22.40
		75	0	22.40	22.32	22.39
15M	16QAM	1	0	22.34	22.30	22.36
		1	37	22.27	22.34	22.31
		1	74	22.29	22.22	22.22
		36	0	21.36	21.33	21.32
		36	19	21.31	21.24	21.28
		36	39	21.18	21.35	21.28
		75	0	21.32	21.34	21.32
15M	64QAM	1	0	21.35	21.32	21.35
		1	37	21.36	21.28	21.40
		1	74	21.28	21.23	21.35
		36	0	20.39	20.30	20.32
		36	19	20.20	20.18	20.28
		36	39	20.28	20.23	20.34
		75	0	20.35	20.29	20.35

LTE Conducted Power (Full)						
LTE Band 7						
BW	MCS Index	Channel		20800	21100	21400
		Frequency (MHz)		2505	2535	2565
10M	QPSK	1	0	23.32	23.37	23.25
		1	24	23.36	23.38	23.34
		1	49	23.16	23.21	23.21
		25	0	22.38	22.19	22.19
		25	12	22.30	22.15	22.19
		25	25	22.32	22.16	22.36
		50	0	22.26	22.21	22.26
10M	16QAM	1	0	22.30	22.24	22.28
		1	24	22.25	22.33	22.26
		1	49	22.25	22.15	22.21
		25	0	21.27	21.27	21.31
		25	12	21.18	21.19	21.33
		25	25	21.21	21.14	21.20
		50	0	21.24	21.25	21.26
10M	64QAM	1	0	21.25	21.22	21.36
		1	24	21.38	21.28	21.29
		1	49	21.22	21.10	21.22
		25	0	20.16	20.25	20.26
		25	12	20.22	20.23	20.23
		25	25	20.20	20.34	20.36
		50	0	20.14	20.32	20.39
BW	MCS Index	Channel		20775	21100	21425
		Frequency (MHz)		2502.5	2535	2567.5
5M	QPSK	1	0	23.32	23.31	23.26
		1	12	23.39	23.30	23.21
		1	24	23.21	23.25	23.24
		12	0	22.17	22.21	22.36
		12	6	22.28	22.19	22.15
		12	13	22.26	22.24	22.23
		25	0	22.36	22.22	22.22
5M	16QAM	1	0	22.15	22.35	22.39
		1	12	22.19	22.36	22.29
		1	24	22.21	22.24	22.19
		12	0	21.29	21.22	21.37
		12	6	21.22	21.08	21.18
		12	13	21.16	21.19	21.20
		25	0	21.23	21.22	21.25
5M	64QAM	1	0	21.16	21.36	21.30
		1	12	21.23	21.37	21.38
		1	24	21.22	21.19	21.20
		12	0	20.30	20.10	20.15
		12	6	20.04	20.14	20.26
		12	13	20.28	20.22	20.29
		25	0	20.37	20.18	20.17

LTE Conducted Power (Full)							
LTE Band 12							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)
		Channel		23060	23095	23130	
		Frequency (MHz)		704	707.5	711	
10M	QPSK	1	0	23.13	23.18	23.15	0
		1	24	23.06	23.11	23.08	0
		1	49	22.94	22.99	22.96	0
		25	0	22.14	22.19	22.16	1
		25	12	22.09	22.14	22.11	1
		25	25	22.05	22.10	22.07	1
		50	0	22.08	22.13	22.10	1
10M	16QAM	1	0	22.11	22.11	22.08	1
		1	24	22.02	22.07	22.01	1
		1	49	21.90	21.91	21.89	1
		25	0	21.11	21.13	21.09	2
		25	12	21.01	21.06	21.09	2
		25	25	21.03	21.08	21.03	2
		50	0	21.01	21.07	21.04	2
10M	64QAM	1	0	21.10	21.17	21.08	2
		1	24	20.97	21.11	21.00	2
		1	49	20.91	20.89	20.91	2
		25	0	20.12	20.09	20.12	3
		25	12	20.04	20.04	20.02	3
		25	25	19.97	20.07	19.98	3
		50	0	19.99	20.05	20.04	3
BW	MCS Index	Channel		23035	23095	23155	3GPP MPR
		Frequency (MHz)		701.5	707.5	713.5	
5M	QPSK	1	0	23.09	23.14	23.11	0
		1	12	23.02	23.07	23.04	0
		1	24	22.90	22.95	22.92	0
		12	0	22.10	22.15	22.12	1
		12	6	22.05	22.10	22.07	1
		12	13	22.01	22.06	22.03	1
		25	0	22.04	22.09	22.06	1
5M	16QAM	1	0	22.07	22.07	22.04	1
		1	12	21.98	22.03	21.97	1
		1	24	21.86	21.87	21.85	1
		12	0	21.07	21.09	21.05	2
		12	6	20.97	21.02	21.05	2
		12	13	20.99	21.04	20.99	2
		25	0	20.97	21.03	21.00	2
5M	64QAM	1	0	21.06	21.13	21.04	2
		1	12	20.93	21.07	20.96	2
		1	24	20.87	20.85	20.87	2
		12	0	20.08	20.05	20.08	3
		12	6	20.00	20.00	19.98	3
		12	13	19.93	20.03	19.94	3
		25	0	19.95	20.01	20.00	3

LTE Conducted Power (Full)						
LTE Band 12						
BW	MCS Index	Channel		23025	23095	23165
		Frequency (MHz)		700.5	707.5	714.5
3M	QPSK	1	0	22.93	22.96	22.97
		1	7	22.94	22.89	22.97
		1	14	22.88	22.92	22.78
		8	0	22.01	22.10	22.03
		8	3	22.04	22.03	22.00
		8	7	21.87	21.95	22.00
		15	0	22.03	21.97	21.89
3M	16QAM	1	0	22.01	22.01	22.02
		1	7	21.88	22.00	21.92
		1	14	21.76	21.84	21.81
		8	0	20.91	21.09	20.92
		8	3	20.87	20.99	21.00
		8	7	20.97	20.93	20.95
		15	0	20.89	20.97	20.89
3M	64QAM	1	0	20.90	20.95	20.96
		1	7	20.93	21.00	20.76
		1	14	20.70	20.85	20.81
		8	0	20.05	20.16	20.12
		8	3	19.94	19.94	19.82
		8	7	19.79	20.00	19.94
		15	0	19.95	19.94	19.88
BW	MCS Index	Channel		23017	23095	23173
		Frequency (MHz)		699.7	707.5	715.3
1.4M	QPSK	1	0	23.09	23.04	23.03
		1	2	22.95	23.00	22.97
		1	5	22.85	22.85	22.83
		3	0	22.97	23.12	23.03
		3	1	22.99	22.95	22.96
		3	3	22.82	23.04	22.91
		6	0	22.00	21.88	21.96
1.4M	16QAM	1	0	21.91	22.08	21.96
		1	2	21.85	21.92	21.92
		1	5	21.87	21.79	21.72
		3	0	21.95	21.99	22.10
		3	1	21.85	21.92	22.03
		3	3	21.87	21.91	21.85
		6	0	20.99	21.06	20.89
1.4M	64QAM	1	0	20.90	20.97	20.97
		1	2	20.92	20.88	20.78
		1	5	20.68	20.77	20.90
		3	0	20.96	21.11	20.99
		3	1	20.86	20.93	21.01
		3	3	21.02	20.86	21.03
		6	0	19.77	19.94	19.80

LTE Conducted Power (Full)						
LTE Band 13						
BW	MCS Index	RB Size	RB Offset		Mid	
		Channel			23230	
		Frequency (MHz)			782	
10M	QPSK	1	0		23.49	
		1	24		23.47	
		1	49		23.42	
		25	0		22.47	
		25	12		22.48	
		25	25		22.45	
		50	0		22.4	
10M	16QAM	1	0		22.45	
		1	24		22.40	
		1	49		22.40	
		25	0		21.50	
		25	12		21.38	
		25	25		21.39	
		50	0		21.30	
10M	64QAM	1	0		21.41	
		1	24		21.45	
		1	49		21.33	
		25	0		20.45	
		25	12		20.48	
		25	25		20.39	
		50	0		20.34	
BW	MCS Index	Channel		23205	23230	23255
		Frequency (MHz)		779.5	782	784.5
5M	QPSK	1	0	23.43	23.44	23.36
		1	12	23.47	23.43	23.34
		1	24	23.34	23.42	23.25
		12	0	22.48	22.47	22.47
		12	6	22.40	22.38	22.34
		12	13	22.36	22.38	22.27
		25	0	22.36	22.34	22.32
5M	16QAM	1	0	22.39	22.40	22.30
		1	12	22.39	22.37	22.24
		1	24	22.27	22.27	22.34
		12	0	21.46	21.49	21.43
		12	6	21.47	21.37	21.23
		12	13	21.27	21.37	21.24
		25	0	21.23	21.27	21.26
5M	64QAM	1	0	21.41	21.31	21.20
		1	12	21.37	21.41	21.28
		1	24	21.31	21.30	21.23
		12	0	20.45	20.43	20.39
		12	6	20.35	20.46	20.19
		12	13	20.27	20.30	20.28
		25	0	20.29	20.29	20.20

LTE Conducted Power (Full)						
LTE Band 17						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		23780	23790	23800
		Frequency (MHz)		709	710	711
10M	QPSK	1	0	23.13	23.16	23.12
		1	24	23.12	23.14	23.11
		1	49	23.10	23.13	23.09
		25	0	22.24	22.33	22.23
		25	12	22.20	22.29	22.19
		25	25	22.11	22.20	22.10
		50	0	22.15	22.24	22.14
10M	16QAM	1	0	22.11	22.21	22.11
		1	24	22.05	22.14	22.09
		1	49	22.10	22.14	22.00
		25	0	21.16	21.31	21.23
		25	12	21.11	21.29	21.09
		25	25	21.09	21.19	21.09
		50	0	21.05	21.21	21.05
10M	64QAM	1	0	21.13	21.18	21.02
		1	24	21.07	21.18	21.10
		1	49	21.04	21.16	21.08
		25	0	20.15	20.33	20.20
		25	12	20.14	20.27	20.09
		25	25	20.04	20.20	20.09
		50	0	20.05	20.18	20.05
BW	MCS Index	Channel		23755	23790	23825
		Frequency (MHz)		706.5	710	713.5
5M	QPSK	1	0	23.13	23.11	23.12
		1	12	23.12	23.15	23.11
		1	24	23.10	22.95	23.09
		12	0	22.24	22.33	22.23
		12	6	22.20	22.29	22.19
		12	13	22.11	22.20	22.10
		25	0	22.15	22.24	22.14
5M	16QAM	1	0	22.09	22.19	22.09
		1	12	22.03	22.12	22.07
		1	24	22.08	22.12	21.98
		12	0	21.14	21.29	21.21
		12	6	21.09	21.27	21.07
		12	13	21.07	21.17	21.07
		25	0	21.03	21.19	21.03
5M	64QAM	1	0	21.11	21.16	21.00
		1	12	21.05	21.16	21.08
		1	24	21.02	21.14	21.06
		12	0	20.13	20.31	20.18
		12	6	20.12	20.25	20.07
		12	13	20.02	20.18	20.07
		25	0	20.03	20.16	20.03

LTE Conducted Power (Full)						
LTE Band 25						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		26140	26365	26590
		Frequency (MHz)		1860	1882.5	1905
20M	QPSK	1	0	23.44	23.49	23.32
		1	50	23.30	23.35	23.18
		1	99	23.39	23.44	23.27
		50	0	22.32	22.39	22.20
		50	25	22.29	22.34	22.17
		50	50	22.33	22.38	22.21
		100	0	22.31	22.36	22.19
20M	16QAM	1	0	22.40	22.43	22.30
		1	50	22.21	22.26	22.17
		1	99	22.33	22.36	22.27
		50	0	21.29	21.33	21.13
		50	25	21.22	21.33	21.15
		50	50	21.26	21.37	21.15
		100	0	21.23	21.35	21.13
20M	64QAM	1	0	21.37	21.42	21.28
		1	50	21.26	21.34	21.18
		1	99	21.31	21.38	21.18
		50	0	20.31	20.33	20.12
		50	25	20.27	20.33	20.14
		50	50	20.23	20.38	20.16
		100	0	20.31	20.26	20.11
BW	MCS Index	Channel		26115	26365	26615
		Frequency (MHz)		1857.5	1882.5	1907.5
15M	QPSK	1	0	23.43	23.43	23.28
		1	37	23.29	23.35	23.10
		1	74	23.36	23.37	23.22
		36	0	22.31	22.31	22.14
		36	19	22.26	22.28	22.09
		36	39	22.31	22.38	22.19
		75	0	22.30	22.30	22.18
15M	16QAM	1	0	22.37	22.35	22.20
		1	37	22.19	22.23	22.10
		1	74	22.24	22.36	22.19
		36	0	21.21	21.23	21.19
		36	19	21.15	21.29	21.07
		36	39	21.16	21.29	21.11
		75	0	21.20	21.23	21.12
15M	64QAM	1	0	21.30	21.35	21.30
		1	37	21.19	21.29	21.13
		1	74	21.23	21.28	21.15
		36	0	20.25	20.19	20.03
		36	19	20.18	20.16	20.03
		36	39	20.28	20.18	20.13
		75	0	20.23	20.26	20.12

LTE Conducted Power (Full)						
LTE Band 25						
BW	MCS Index	Channel		26090	26365	26640
		Frequency (MHz)		1855	1882.5	1910
10M	QPSK	1	0	23.37	23.39	23.22
		1	24	23.28	23.32	23.09
		1	49	23.27	23.44	23.17
		25	0	22.23	22.25	22.13
		25	12	22.08	22.17	22.00
		25	25	22.21	22.34	22.14
		50	0	22.11	22.17	21.97
10M	16QAM	1	0	22.21	22.16	22.10
		1	24	22.03	22.23	21.97
		1	49	22.17	22.19	22.16
		25	0	21.21	21.24	21.14
		25	12	21.18	21.11	20.94
		25	25	21.20	21.24	21.08
		50	0	21.12	21.28	21.09
10M	64QAM	1	0	21.29	21.26	21.20
		1	24	21.18	21.19	20.96
		1	49	21.26	21.27	21.08
		25	0	20.17	20.22	19.99
		25	12	20.15	20.15	19.97
		25	25	20.12	20.19	20.03
		50	0	20.01	20.15	19.99
BW	MCS Index	Channel		26065	26365	26665
		Frequency (MHz)		1852.5	1882.5	1912.5
5M	QPSK	1	0	23.32	23.30	23.12
		1	12	23.23	23.19	22.95
		1	24	23.21	23.35	23.06
		12	0	22.20	22.21	22.14
		12	6	22.26	22.25	21.86
		12	13	22.22	22.29	22.05
		25	0	22.24	22.32	21.88
5M	16QAM	1	0	22.18	22.35	22.26
		1	12	22.04	22.16	22.03
		1	24	22.18	22.21	22.16
		12	0	21.10	21.16	21.09
		12	6	20.99	21.24	20.88
		12	13	21.19	21.28	21.06
		25	0	21.09	21.25	20.97
5M	64QAM	1	0	21.41	21.25	21.20
		1	12	21.20	21.13	21.05
		1	24	21.19	21.30	21.12
		12	0	20.24	20.21	19.93
		12	6	20.14	20.16	19.93
		12	13	20.24	20.23	20.14
		25	0	20.12	20.28	20.06

LTE Conducted Power (Full)						
LTE Band 25						
BW	MCS Index	Channel		26055	26365	26675
		Frequency (MHz)		1851.5	1882.5	1913.5
3M	QPSK	1	0	23.28	23.38	23.19
		1	7	23.10	23.20	23.13
		1	14	23.33	23.36	23.12
		8	0	22.13	22.17	22.02
		8	3	22.12	22.13	22.01
		8	7	22.20	22.33	22.11
		15	0	22.12	22.16	22.07
3M	16QAM	1	0	22.36	22.30	22.18
		1	7	22.16	22.16	21.88
		1	14	22.12	22.29	21.99
		8	0	21.11	21.26	21.01
		8	3	21.10	21.30	20.98
		8	7	21.06	21.19	21.14
		15	0	21.19	21.21	21.06
3M	64QAM	1	0	21.17	21.30	21.09
		1	7	21.07	21.12	21.02
		1	14	21.32	21.32	21.01
		8	0	20.17	20.17	19.99
		8	3	20.10	20.21	19.97
		8	7	20.20	20.24	20.11
		15	0	20.17	20.22	20.13
BW	MCS Index	Channel		26047	26365	26683
		Frequency (MHz)		1850.7	1882.5	1914.3
1.4M	QPSK	1	0	23.34	23.31	23.22
		1	2	23.12	23.21	23.06
		1	5	23.29	23.33	23.22
		3	0	23.19	23.34	23.07
		3	1	23.15	23.24	22.96
		3	3	23.19	23.33	23.08
		6	0	22.22	22.23	22.09
1.4M	16QAM	1	0	22.25	22.34	22.23
		1	2	22.12	22.18	22.09
		1	5	22.29	22.24	22.17
		3	0	22.21	22.26	21.95
		3	1	22.17	22.09	21.97
		3	3	22.12	22.21	21.97
		6	0	21.11	21.25	21.00
1.4M	64QAM	1	0	21.30	21.30	21.24
		1	2	21.13	21.17	20.98
		1	5	21.32	21.25	21.11
		3	0	21.17	21.11	20.99
		3	1	21.19	21.22	21.02
		3	3	21.14	21.17	21.11
		6	0	20.16	20.24	20.03

LTE Conducted Power (Full)						
LTE Band 26						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		26765	26865	26965
		Frequency (MHz)		821.5	831.5	841.5
15M	QPSK	1	0	23.23	23.28	23.31
		1	37	23.17	23.22	23.25
		1	74	23.20	23.25	23.28
		36	0	22.28	22.33	22.36
		36	19	22.24	22.29	22.32
		36	39	22.21	22.26	22.29
		75	0	22.19	22.24	22.27
15M	16QAM	1	0	22.21	22.21	22.27
		1	37	22.11	22.16	22.23
		1	74	22.10	22.22	22.23
		36	0	21.24	21.30	21.27
		36	19	21.22	21.20	21.26
		36	39	21.13	21.18	21.21
		75	0	21.09	21.24	21.26
15M	64QAM	1	0	21.23	21.23	21.30
		1	37	21.14	21.13	21.16
		1	74	21.20	21.23	21.18
		36	0	20.21	20.29	20.34
		36	19	20.14	20.21	20.29
		36	39	20.14	20.23	20.27
		75	0	20.10	20.24	20.23
BW	MCS Index	Channel		26740	26865	26990
		Frequency (MHz)		819	831.5	844
10M	QPSK	1	0	23.09	23.06	23.14
		1	24	22.96	23.14	23.04
		1	49	23.12	23.07	23.12
		25	0	22.05	22.12	22.31
		25	12	22.04	22.18	22.23
		25	25	21.96	22.14	22.22
		50	0	22.13	22.02	22.08
10M	16QAM	1	0	22.05	22.05	22.06
		1	24	22.13	22.17	22.12
		1	49	22.02	21.97	22.16
		25	0	21.10	21.18	21.28
		25	12	21.03	21.14	21.25
		25	25	21.06	20.97	21.23
		50	0	20.98	21.10	21.09
10M	64QAM	1	0	21.09	21.12	21.26
		1	24	20.90	21.00	21.05
		1	49	20.92	21.19	20.99
		25	0	20.13	20.20	20.03
		25	12	20.13	20.25	20.17
		25	25	20.00	20.07	20.20
		50	0	19.87	20.08	20.07

LTE Conducted Power (Full)						
LTE Band 26						
BW	MCS Index	Channel		26715	26865	27015
		Frequency (MHz)		816.5	831.5	846.5
5M	QPSK	1	0	23.16	23.11	23.01
		1	12	23.13	23.11	23.04
		1	24	23.02	23.14	23.18
		12	0	22.18	22.10	22.30
		12	6	22.14	22.11	22.14
		12	13	22.12	22.21	22.01
		25	0	22.14	22.08	22.13
5M	16QAM	1	0	22.04	22.07	22.14
		1	12	21.98	22.04	22.24
		1	24	22.01	22.05	22.09
		12	0	21.12	21.15	21.30
		12	6	21.09	21.07	21.10
		12	13	20.98	21.15	21.17
		25	0	20.93	21.11	21.09
5M	64QAM	1	0	21.10	21.15	21.05
		1	12	20.97	21.10	21.14
		1	24	20.96	21.05	21.15
		12	0	20.04	20.09	20.27
		12	6	20.09	20.10	20.16
		12	13	20.09	20.01	20.18
		25	0	19.97	20.16	20.14
BW	MCS Index	Channel		26705	26865	27025
		Frequency (MHz)		815.5	831.5	847.5
3M	QPSK	1	0	23.19	23.16	23.19
		1	7	23.13	23.13	23.07
		1	14	23.08	23.02	23.22
		8	0	22.16	22.29	22.11
		8	3	22.08	22.20	22.31
		8	7	22.13	22.14	22.11
		15	0	22.15	22.18	22.10
3M	16QAM	1	0	22.08	22.21	22.08
		1	7	22.08	21.99	22.05
		1	14	21.95	22.10	22.16
		8	0	21.14	21.13	21.17
		8	3	21.19	21.20	21.15
		8	7	21.09	21.14	21.07
		15	0	21.14	21.08	21.05
3M	64QAM	1	0	21.12	21.07	21.15
		1	7	20.90	21.13	20.98
		1	14	21.12	21.07	21.08
		8	0	20.18	20.26	20.27
		8	3	20.02	20.06	20.02
		8	7	20.03	20.09	20.06
		15	0	20.14	19.99	20.10

LTE Conducted Power (Full)						
LTE Band 26						
BW	MCS Index	Channel		26697	26865	27033
		Frequency (MHz)		814.7	831.5	848.3
1.4M	QPSK	1	0	23.10	23.17	23.22
		1	2	23.08	23.19	23.16
		1	5	23.12	23.20	23.10
		3	0	23.19	23.16	23.12
		3	1	23.11	23.12	23.26
		3	3	23.07	23.14	23.17
		6	0	21.99	22.11	22.08
1.4M	16QAM	1	0	22.09	22.05	22.08
		1	2	22.05	22.06	22.02
		1	5	22.06	22.06	22.09
		3	0	22.07	22.14	22.13
		3	1	22.11	22.11	22.13
		3	3	22.07	22.04	22.17
		6	0	21.09	21.07	21.17
1.4M	64QAM	1	0	21.03	21.01	21.10
		1	2	20.92	20.96	21.14
		1	5	21.11	21.13	21.15
		3	0	21.07	21.17	21.22
		3	1	20.97	21.12	21.08
		3	3	21.07	21.15	21.02
		6	0	20.01	20.03	20.04

LTE Conducted Power (Full)						
LTE Band 38						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		37850	38000	38150
		Frequency (MHz)		2580	2595	2610
20M	QPSK	1	0	23.70	23.79	23.81
		1	50	23.57	23.66	23.68
		1	99	23.61	23.70	23.72
		50	0	22.72	22.81	22.83
		50	25	22.64	22.73	22.75
		50	50	22.61	22.70	22.72
		100	0	22.66	22.75	22.77
20M	16QAM	1	0	22.63	22.76	22.75
		1	50	22.57	22.56	22.63
		1	99	22.55	22.61	22.66
		50	0	21.67	21.71	21.76
		50	25	21.56	21.64	21.70
		50	50	21.57	21.62	21.64
		100	0	21.59	21.74	21.73
20M	64QAM	1	0	21.67	21.79	21.77
		1	50	21.49	21.62	21.68
		1	99	21.61	21.66	21.71
		50	0	20.70	20.78	20.77
		50	25	20.61	20.73	20.71
		50	50	20.59	20.67	20.66
		100	0	20.61	20.66	20.68
BW	MCS Index	Channel		37825	38000	38175
		Frequency (MHz)		2577.5	2595	2612.5
15M	QPSK	1	0	23.63	23.78	23.76
		1	37	23.52	23.61	23.61
		1	74	23.61	23.67	23.70
		36	0	22.66	22.76	22.81
		36	19	22.59	22.66	22.66
		36	39	22.51	22.64	22.65
		75	0	22.64	22.66	22.74
15M	16QAM	1	0	22.69	22.70	22.71
		1	37	22.56	22.59	22.60
		1	74	22.49	22.57	22.69
		36	0	21.63	21.71	21.81
		36	19	21.51	21.66	21.67
		36	39	21.46	21.60	21.58
		75	0	21.55	21.71	21.63
15M	64QAM	1	0	21.60	21.69	21.71
		1	37	21.45	21.56	21.57
		1	74	21.48	21.51	21.60
		36	0	20.60	20.76	20.73
		36	19	20.54	20.63	20.60
		36	39	20.50	20.55	20.59
		75	0	20.62	20.65	20.64

LTE Conducted Power (Full)						
LTE Band 38						
BW	MCS Index	Channel		37800	38000	38200
		Frequency (MHz)		2575	2595	2615
10M	QPSK	1	0	23.64	23.69	23.63
		1	24	23.50	23.53	23.54
		1	49	23.47	23.62	23.56
		25	0	22.59	22.79	22.68
		25	12	22.48	22.69	22.52
		25	25	22.42	22.50	22.65
		50	0	22.47	22.58	22.67
10M	16QAM	1	0	22.48	22.73	22.58
		1	24	22.44	22.36	22.52
		1	49	22.49	22.45	22.50
		25	0	21.65	21.56	21.67
		25	12	21.35	21.68	21.64
		25	25	21.50	21.43	21.64
		50	0	21.45	21.57	21.67
10M	64QAM	1	0	21.50	21.61	21.73
		1	24	21.44	21.44	21.38
		1	49	21.43	21.47	21.59
		25	0	20.54	20.50	20.69
		25	12	20.43	20.60	20.59
		25	25	20.45	20.55	20.57
		50	0	20.55	20.73	20.54
BW	MCS Index	Channel		37775	38000	38225
		Frequency (MHz)		2572.5	2595	2617.5
5M	QPSK	1	0	23.57	23.78	23.76
		1	12	23.49	23.63	23.45
		1	24	23.57	23.56	23.43
		12	0	22.71	22.71	22.63
		12	6	22.55	22.52	22.46
		12	13	22.48	22.56	22.44
		25	0	22.57	22.71	22.65
5M	16QAM	1	0	22.47	22.58	22.60
		1	12	22.45	22.51	22.53
		1	24	22.47	22.53	22.49
		12	0	21.51	21.62	21.65
		12	6	21.47	21.54	21.64
		12	13	21.49	21.51	21.57
		25	0	21.50	21.57	21.47
5M	64QAM	1	0	21.46	21.60	21.62
		1	12	21.46	21.54	21.46
		1	24	21.42	21.50	21.49
		12	0	20.53	20.61	20.64
		12	6	20.51	20.53	20.56
		12	13	20.47	20.62	20.56
		25	0	20.61	20.60	20.60

LTE Conducted Power (Full)								
LTE Band 41								
BW	MCS Index	RB Size	RB Offset	Low	Mid	Mid	Mid	High
		Channel		39750	40185	40620	41055	41490
		Frequency (MHz)		2506	2549.5	2593	2636.5	2680
20M	QPSK	1	0	23.41	23.44	23.71	23.47	23.60
		1	50	23.34	23.38	23.64	23.42	23.53
		1	99	23.36	23.36	23.66	23.35	23.55
		50	0	22.43	22.48	22.73	22.42	22.62
		50	25	22.37	22.46	22.67	22.50	22.56
		50	50	22.36	22.44	22.66	22.41	22.55
		100	0	22.40	22.45	22.70	22.38	22.59
20M	16QAM	1	0	22.35	22.43	22.62	22.40	22.51
		1	50	22.26	22.28	22.56	22.37	22.53
		1	99	22.36	22.28	22.59	22.31	22.49
		50	0	21.33	21.43	21.67	21.34	21.55
		50	25	21.30	21.39	21.59	21.44	21.48
		50	50	21.36	21.43	21.63	21.36	21.48
		100	0	21.35	21.39	21.68	21.38	21.55
20M	64QAM	1	0	21.33	21.44	21.70	21.45	21.56
		1	50	21.24	21.33	21.55	21.39	21.48
		1	99	21.35	21.31	21.66	21.26	21.53
		50	0	20.41	20.39	20.71	20.33	20.52
		50	25	20.37	20.45	20.64	20.43	20.49
		50	50	20.36	20.38	20.58	20.34	20.47
		100	0	20.35	20.36	20.63	20.28	20.57
BW	MCS Index	Channel		39725	40173	40620	41068	41515
		Frequency (MHz)		2503.5	2548.3	2593	2637.8	2682.5
15M	QPSK	1	0	23.37	23.40	23.62	23.43	23.50
		1	37	23.31	23.38	23.60	23.32	23.46
		1	74	23.31	23.34	23.64	23.35	23.49
		36	0	22.40	22.43	22.66	22.32	22.53
		36	19	22.33	22.46	22.67	22.43	22.51
		36	39	22.28	22.37	22.65	22.41	22.51
		75	0	22.30	22.37	22.70	22.35	22.59
15M	16QAM	1	0	22.38	22.40	22.66	22.47	22.56
		1	37	22.25	22.30	22.55	22.37	22.53
		1	74	22.35	22.35	22.56	22.30	22.46
		36	0	21.39	21.38	21.64	21.34	21.52
		36	19	21.35	21.38	21.58	21.43	21.47
		36	39	21.35	21.34	21.59	21.36	21.52
		75	0	21.39	21.45	21.61	21.34	21.58
15M	64QAM	1	0	21.41	21.37	21.67	21.40	21.58
		1	37	21.34	21.38	21.61	21.38	21.50
		1	74	21.35	21.34	21.63	21.34	21.53
		36	0	20.34	20.42	20.64	20.40	20.58
		36	19	20.31	20.43	20.64	20.49	20.52
		36	39	20.30	20.38	20.58	20.34	20.45
		75	0	20.37	20.36	20.66	20.28	20.56

LTE Conducted Power (Full)								
LTE Band 41								
BW	MCS Index	Channel		39700	40160	40620	41080	41540
		Frequency (MHz)		2501	2547	2593	2639	2685
10M	QPSK	1	0	23.32	23.35	23.60	23.39	23.50
		1	24	23.20	23.26	23.56	23.22	23.41
		1	49	23.22	23.24	23.55	23.29	23.48
		25	0	22.38	22.36	22.63	22.33	22.52
		25	12	22.26	22.37	22.55	22.46	22.47
		25	25	22.21	22.36	22.54	22.29	22.44
		50	0	22.28	22.34	22.60	22.23	22.48
10M	16QAM	1	0	22.38	22.31	22.67	22.41	22.45
		1	24	22.26	22.26	22.57	22.29	22.43
		1	49	22.27	22.23	22.60	22.29	22.46
		25	0	21.34	21.34	21.71	21.34	21.54
		25	12	21.29	21.40	21.49	21.44	21.51
		25	25	21.18	21.34	21.61	21.34	21.38
		50	0	21.29	21.34	21.57	21.23	21.43
10M	64QAM	1	0	21.38	21.34	21.60	21.34	21.51
		1	24	21.25	21.27	21.58	21.29	21.35
		1	49	21.18	21.24	21.54	21.24	21.49
		25	0	20.34	20.34	20.70	20.26	20.54
		25	12	20.33	20.33	20.48	20.49	20.52
		25	25	20.22	20.41	20.54	20.38	20.40
		50	0	20.36	20.39	20.61	20.23	20.45
BW	MCS Index	Channel		39675	40148	40620	41093	41565
		Frequency (MHz)		2498.5	2545.8	2593	2640.3	2687.5
5M	QPSK	1	0	23.27	23.35	23.58	23.28	23.52
		1	12	23.25	23.27	23.50	23.29	23.35
		1	24	23.26	23.24	23.57	23.26	23.44
		12	0	22.34	22.32	22.67	22.28	22.52
		12	6	22.17	22.33	22.59	22.45	22.46
		12	13	22.25	22.39	22.51	22.30	22.41
		25	0	22.23	22.37	22.60	22.35	22.44
5M	16QAM	1	0	22.33	22.37	22.63	22.33	22.54
		1	12	22.27	22.28	22.52	22.26	22.36
		1	24	22.26	22.28	22.62	22.32	22.52
		12	0	21.39	21.33	21.60	21.29	21.53
		12	6	21.24	21.42	21.57	21.36	21.52
		12	13	21.23	21.40	21.52	21.28	21.45
		25	0	21.26	21.40	21.63	21.33	21.47
5M	64QAM	1	0	21.25	21.40	21.64	21.30	21.53
		1	12	21.31	21.20	21.51	21.35	21.40
		1	24	21.30	21.25	21.56	21.25	21.48
		12	0	20.32	20.40	20.57	20.30	20.51
		12	6	20.22	20.40	20.61	20.37	20.48
		12	13	20.26	20.36	20.54	20.24	20.47
		25	0	20.26	20.43	20.61	20.28	20.50

Downlink Carrier Aggregation Scenarios Conducted Power(Full)																	
Configure	Combination	PCC								SCC1				Measurement Power			
		LTE Band	BW [Mhz]	UL Channel	UL Freq. [MHz]	UL RB	UL Offset	DL Channel	DL Freq. [MHz]	LTE Band	BW [Mhz]	DL Channel	DL Freq. [MHz]	Maximum Tune-up Power	Single Carrier Tx Power without DL-CA Active (dBm)	Tx Power with DL-CA Active (dBm)	
																PCC	Total
Intra Band Non-Contiguous	CA_2A-2A	2	20	18700	1860	1	0	700	1940	2	20	1100	1980	23.5	23.29	23.25	23.25
	CA_4A-4A	4	20	20050	1720	1	0	2050	2120	4	20	2300	2145	23.5	23.40	23.33	23.33
	CA_7A-7A	7	20	20850	2510	1	0	2850	2630	7	20	3350	2680	23.5	23.45	23.24	23.24
	CA_41A-41A	41	20	39750	2506	1	0	39750	2506	41	20	40620	2593	24	23.41	23.37	23.37
Inter Band	CA_5A-7A	5	10	20450	835	1	0	2450	874	7	20	3100	2655	23.5	23.17	23.08	23.08
	CA_2A-4A	2	20	18700	1860	1	0	700	1940	4	20	2175	2132.5	23.5	23.29	23.27	23.27
	CA_2A-5A	2	20	18700	1860	1	0	700	1940	5	10	2525	881.5	23.5	23.29	23.13	23.13
	CA_2A-12A	2	20	18700	1860	1	0	700	1940	12	10	5095	737.5	23.5	23.29	23.23	23.23
	CA_2A-13A	2	20	18700	1860	1	0	700	1940	13	10	5230	751	23.5	23.29	23.22	23.22
	CA_2A-17A	2	20	18700	1860	1	0	700	1940	17	10	5790	740	23.5	23.29	23.26	23.26
	CA_4A-5A	4	20	20050	1720	1	0	2050	2120	5	10	2525	881.5	23.5	23.40	23.34	23.34
	CA_4A-12A	4	20	20050	1720	1	0	2050	2120	12	10	5095	737.5	23.5	23.40	23.31	23.31
	CA_4A-13A	4	20	20050	1720	1	0	2050	2120	13	10	5230	751	23.5	23.40	23.37	23.37
	CA_4A-17A	4	20	20050	1720	1	0	2050	2120	17	10	5790	740	23.5	23.40	23.35	23.35

GSM Conducted Power (Reduction)						
Band	GSM850			GSM1900		
Channel	128	189	251	512	661	810
Frequency	824.2	836.4	848.8	1850.2	1880	1909.8
GSM	28.13	28.53	28.89	26.44	25.34	25.41
GPRS 1Tx Slot	28.36	28.44	29.13	25.38	25.19	26.39
GPRS 2Tx Slot	28.32	28.33	29.11	24.37	24.67	24.89
GPRS 3Tx Slot	27.12	27.31	27.32	22.67	22.68	22.67
GPRS 4Tx Slot	25.89	25.83	25.95	21.44	21.44	21.37
DTM 9 (GPRS)	28.23	28.29	28.97	24.01	24.11	24.11
DTM 11 (GPRS)	27.32	27.30	27.25	22.75	22.77	22.73
EDGE 1Tx Slot (MCS9)	20.51	20.55	20.49	19.79	19.88	19.83
EDGE 2Tx Slot (MCS9)	19.63	19.66	19.56	18.70	18.73	18.66
EDGE 3Tx Slot (MCS9)	18.74	18.78	18.76	17.76	17.77	17.67
EDGE 4Tx Slot (MCS9)	16.51	16.54	16.54	15.75	15.81	15.76
DTM 9 (EDGE)	19.46	19.54	19.52	18.62	18.69	18.62
DTM 11 (EDGE)	18.58	18.51	18.63	17.75	17.75	17.65

WCDMA Conducted Power (Reduction)									
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	16.97	16.99	16.93	16.32	16.20	16.19	20.93	20.96	20.99
HSDPA Subtest-1	16.88	16.51	16.67	16.29	15.92	16.08	20.76	20.39	20.55
HSDPA Subtest-2	16.81	16.72	16.73	16.22	16.13	16.14	20.69	20.60	20.61
HSDPA Subtest-3	16.31	16.22	16.23	15.72	15.63	15.64	20.19	20.10	20.11
HSDPA Subtest-4	16.22	16.17	16.44	15.63	15.58	15.85	20.10	20.05	20.32
DC-HSDPA Subtest-1	16.55	16.71	16.58	15.96	16.12	15.99	20.43	20.59	20.46
DC-HSDPA Subtest-2	16.55	16.51	16.41	15.96	15.92	15.82	20.43	20.39	20.29
DC-HSDPA Subtest-3	16.33	16.18	16.39	15.74	15.59	15.80	20.21	20.06	20.27
DC-HSDPA Subtest-4	15.97	15.99	16.01	15.38	15.40	15.42	19.85	19.87	19.89
HSUPA Subtest-1	16.71	16.74	16.55	16.12	16.15	15.96	20.59	20.62	20.43
HSUPA Subtest-2	14.77	14.88	14.29	14.18	14.29	13.70	18.65	18.76	18.17
HSUPA Subtest-3	15.81	15.72	15.77	15.22	15.13	15.18	19.69	19.60	19.65
HSUPA Subtest-4	14.81	14.72	14.73	14.22	14.13	14.14	18.69	18.60	18.61
HSUPA Subtest-5	16.81	16.72	16.73	16.22	16.13	16.14	20.69	20.60	20.61
HSPA+ Subtest-1	14.41	14.09	14.18	13.82	13.50	13.59	18.29	17.97	18.06

LTE Conducted Power (Reduction)						
LTE Band 2						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		18700	18900	19100
		Frequency (MHz)		1860	1880	1900
20M	QPSK	1	0	17.85	17.91	17.83
		1	50	17.84	17.86	17.82
		1	99	17.80	17.84	17.79
		50	0	17.75	17.80	17.75
		50	25	17.73	17.79	17.70
		50	50	17.70	17.78	17.72
		100	0	17.66	17.68	17.63
20M	16QAM	1	0	17.81	17.90	17.87
		1	50	17.83	17.87	17.80
		1	99	17.84	17.89	17.86
		50	0	17.79	17.83	17.83
		50	25	17.82	17.82	17.80
		50	50	17.71	17.80	17.71
		100	0	17.72	17.76	17.75
20M	64QAM	1	0	17.85	17.90	17.88
		1	50	17.79	17.87	17.82
		1	99	17.89	17.89	17.86
		50	0	17.77	17.81	17.76
		50	25	17.79	17.80	17.72
		50	50	17.74	17.79	17.77
		100	0	17.71	17.76	17.70
BW	MCS Index	Channel		18675	18900	19125
		Frequency (MHz)		1857.5	1880	1902.5
15M	QPSK	1	0	17.78	17.87	17.73
		1	37	17.84	17.85	17.74
		1	74	17.71	17.76	17.75
		36	0	17.72	17.79	17.73
		36	19	17.64	17.73	17.68
		36	39	17.60	17.70	17.65
		75	0	17.61	17.61	17.55
15M	16QAM	1	0	17.78	17.88	17.84
		1	37	17.82	17.85	17.72
		1	74	17.74	17.80	17.76
		36	0	17.69	17.81	17.73
		36	19	17.82	17.72	17.74
		36	39	17.62	17.73	17.66
		75	0	17.68	17.75	17.66
15M	64QAM	1	0	17.75	17.81	17.83
		1	37	17.79	17.80	17.79
		1	74	17.84	17.83	17.78
		36	0	17.74	17.80	17.73
		36	19	17.78	17.76	17.66
		36	39	17.74	17.76	17.73
		75	0	17.67	17.72	17.63

LTE Conducted Power (Reduction)						
LTE Band 2						
BW	MCS Index	Channel		18650	18900	19150
		Frequency (MHz)		1855	1880	1905
10M	QPSK	1	0	17.78	17.87	17.73
		1	24	17.84	17.85	17.74
		1	49	17.71	17.76	17.75
		25	0	17.72	17.79	17.73
		25	12	17.64	17.73	17.68
		25	25	17.60	17.70	17.65
		50	0	17.61	17.61	17.55
10M	16QAM	1	0	17.78	17.88	17.84
		1	24	17.82	17.85	17.72
		1	49	17.74	17.80	17.76
		25	0	17.69	17.81	17.73
		25	12	17.82	17.72	17.74
		25	25	17.62	17.73	17.66
		50	0	17.68	17.75	17.66
10M	64QAM	1	0	17.75	17.81	17.83
		1	24	17.79	17.80	17.79
		1	49	17.84	17.83	17.78
		25	0	17.74	17.80	17.73
		25	12	17.78	17.76	17.66
		25	25	17.74	17.76	17.73
		50	0	17.67	17.72	17.63
BW	MCS Index	Channel		18625	18900	19175
		Frequency (MHz)		1852.5	1880	1907.5
5M	QPSK	1	0	17.80	17.82	17.82
		1	12	17.83	17.82	17.74
		1	24	17.72	17.78	17.79
		12	0	17.71	17.72	17.74
		12	6	17.67	17.77	17.65
		12	13	17.67	17.73	17.62
		25	0	17.61	17.67	17.53
5M	16QAM	1	0	17.78	17.90	17.86
		1	12	17.79	17.84	17.70
		1	24	17.75	17.88	17.85
		12	0	17.73	17.73	17.83
		12	6	17.77	17.78	17.77
		12	13	17.67	17.73	17.61
		25	0	17.65	17.71	17.66
5M	64QAM	1	0	17.85	17.85	17.87
		1	12	17.71	17.78	17.73
		1	24	17.81	17.89	17.77
		12	0	17.76	17.75	17.75
		12	6	17.71	17.77	17.62
		12	13	17.66	17.77	17.72
		25	0	17.64	17.75	17.63

LTE Conducted Power (Reduction)						
LTE Band 2						
BW	MCS Index	Channel		18615	18900	19185
		Frequency (MHz)		1851.5	1880	1908.5
3M	QPSK	1	0	17.84	17.90	17.78
		1	7	17.80	17.77	17.77
		1	14	17.70	17.79	17.74
		8	0	17.68	17.77	17.72
		8	3	17.63	17.77	17.63
		8	7	17.63	17.78	17.68
		15	0	17.56	17.65	17.55
3M	16QAM	1	0	17.76	17.87	17.81
		1	7	17.76	17.83	17.72
		1	14	17.76	17.82	17.85
		8	0	17.75	17.73	17.77
		8	3	17.78	17.73	17.74
		8	7	17.61	17.75	17.65
		15	0	17.62	17.76	17.72
3M	64QAM	1	0	17.78	17.82	17.86
		1	7	17.73	17.77	17.73
		1	14	17.87	17.86	17.76
		8	0	17.73	17.79	17.69
		8	3	17.71	17.75	17.63
		8	7	17.67	17.76	17.67
		15	0	17.69	17.69	17.70
BW	MCS Index	Channel		18607	18900	19193
		Frequency (MHz)		1850.7	1880	1909.3
1.4M	QPSK	1	0	17.76	17.87	17.75
		1	2	17.74	17.86	17.77
		1	5	17.80	17.83	17.70
		3	0	17.68	17.71	17.73
		3	1	17.66	17.73	17.65
		3	3	17.67	17.76	17.70
		6	0	17.63	17.61	17.53
1.4M	16QAM	1	0	17.81	17.85	17.84
		1	2	17.76	17.78	17.78
		1	5	17.76	17.89	17.78
		3	0	17.69	17.73	17.78
		3	1	17.80	17.80	17.76
		3	3	17.63	17.80	17.61
		6	0	17.65	17.72	17.67
1.4M	64QAM	1	0	17.83	17.82	17.78
		1	2	17.79	17.87	17.73
		1	5	17.88	17.85	17.86
		3	0	17.75	17.72	17.70
		3	1	17.69	17.72	17.63
		3	3	17.65	17.74	17.76
		6	0	17.62	17.68	17.66

LTE Conducted Power (Reduction)						
LTE Band 4						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		20050	20175	20300
		Frequency (MHz)		1720	1732.5	1745
20M	QPSK	1	0	16.85	16.92	16.83
		1	50	16.78	16.81	16.82
		1	99	16.78	16.81	16.78
		50	0	16.79	16.84	16.81
		50	25	16.83	16.82	16.74
		50	50	16.85	16.83	16.83
		100	0	16.81	16.89	16.79
20M	16QAM	1	0	16.75	16.86	16.83
		1	50	16.77	16.91	16.75
		1	99	16.84	16.86	16.77
		50	0	16.81	16.84	16.79
		50	25	16.75	16.90	16.81
		50	50	16.76	16.85	16.74
		100	0	16.79	16.89	16.78
20M	64QAM	1	0	16.83	16.88	16.77
		1	50	16.79	16.86	16.80
		1	99	16.85	16.81	16.81
		50	0	16.83	16.85	16.73
		50	25	16.76	16.84	16.74
		50	50	16.84	16.90	16.78
		100	0	16.84	16.83	16.79
BW	MCS Index	Channel		20025	20175	20325
		Frequency (MHz)		1717.5	1732.5	1747.5
15M	QPSK	1	0	16.85	16.90	16.82
		1	37	16.79	16.86	16.76
		1	74	16.82	16.90	16.79
		36	0	16.84	16.91	16.74
		36	19	16.80	16.85	16.78
		36	39	16.79	16.82	16.74
		75	0	16.82	16.86	16.79
15M	16QAM	1	0	16.77	16.86	16.77
		1	37	16.80	16.84	16.82
		1	74	16.79	16.86	16.81
		36	0	16.81	16.88	16.83
		36	19	16.78	16.81	16.82
		36	39	16.75	16.91	16.74
		75	0	16.77	16.84	16.73
15M	64QAM	1	0	16.79	16.87	16.81
		1	37	16.76	16.83	16.81
		1	74	16.79	16.88	16.75
		36	0	16.80	16.82	16.77
		36	19	16.77	16.86	16.77
		36	39	16.83	16.82	16.73
		75	0	16.85	16.81	16.75

LTE Conducted Power (Reduction)						
LTE Band 4						
BW	MCS Index	Channel		20000	20175	20350
		Frequency (MHz)		1715	1732.5	1750
10M	QPSK	1	0	16.82	16.88	16.83
		1	24	16.82	16.86	16.82
		1	49	16.83	16.83	16.74
		25	0	16.79	16.83	16.75
		25	12	16.82	16.88	16.77
		25	25	16.81	16.90	16.77
		50	0	16.77	16.91	16.74
10M	16QAM	1	0	16.78	16.84	16.77
		1	24	16.84	16.91	16.79
		1	49	16.81	16.87	16.83
		25	0	16.83	16.89	16.82
		25	12	16.81	16.82	16.80
		25	25	16.80	16.90	16.83
		50	0	16.81	16.85	16.76
10M	64QAM	1	0	16.75	16.87	16.75
		1	24	16.76	16.84	16.83
		1	49	16.84	16.82	16.78
		25	0	16.81	16.89	16.80
		25	12	16.80	16.87	16.79
		25	25	16.75	16.83	16.78
		50	0	16.80	16.91	16.83
BW	MCS Index	Channel		19975	20175	20375
		Frequency (MHz)		1712.5	1732.5	1752.5
5M	QPSK	1	0	16.83	16.91	16.83
		1	12	16.84	16.90	16.75
		1	24	16.85	16.81	16.81
		12	0	16.79	16.81	16.83
		12	6	16.81	16.87	16.80
		12	13	16.75	16.89	16.79
		25	0	16.78	16.81	16.78
5M	16QAM	1	0	16.85	16.84	16.82
		1	12	16.78	16.88	16.78
		1	24	16.82	16.84	16.80
		12	0	16.83	16.90	16.76
		12	6	16.85	16.83	16.82
		12	13	16.85	16.81	16.81
		25	0	16.82	16.84	16.74
5M	64QAM	1	0	16.81	16.88	16.79
		1	12	16.77	16.89	16.82
		1	24	16.77	16.90	16.78
		12	0	16.83	16.86	16.74
		12	6	16.83	16.91	16.78
		12	13	16.78	16.82	16.80
		25	0	16.76	16.87	16.73

LTE Conducted Power (Reduction)						
LTE Band 4						
BW	MCS Index	Channel		19965	20175	20385
		Frequency (MHz)		1711.5	1732.5	1753.5
3M	QPSK	1	0	16.83	16.88	16.81
		1	7	16.83	16.82	16.78
		1	14	16.83	16.88	16.80
		8	0	16.84	16.83	16.76
		8	3	16.80	16.86	16.82
		8	7	16.79	16.89	16.75
		15	0	16.82	16.85	16.80
3M	16QAM	1	0	16.77	16.86	16.76
		1	7	16.78	16.83	16.82
		1	14	16.75	16.83	16.76
		8	0	16.77	16.83	16.80
		8	3	16.81	16.81	16.79
		8	7	16.84	16.85	16.80
		15	0	16.82	16.86	16.80
3M	64QAM	1	0	16.80	16.90	16.79
		1	7	16.82	16.86	16.76
		1	14	16.79	16.91	16.79
		8	0	16.75	16.85	16.79
		8	3	16.80	16.83	16.76
		8	7	16.85	16.83	16.80
		15	0	16.81	16.83	16.81
BW	MCS Index	Channel		19957	20175	20393
		Frequency (MHz)		1710.7	1732.5	1754.3
1.4M	QPSK	1	0	16.81	16.85	16.74
		1	2	16.80	16.82	16.82
		1	5	16.85	16.89	16.79
		3	0	16.80	16.89	16.78
		3	1	16.82	16.81	16.76
		3	3	16.82	16.83	16.82
		6	0	16.84	16.87	16.74
1.4M	16QAM	1	0	16.77	16.91	16.76
		1	2	16.85	16.86	16.83
		1	5	16.80	16.82	16.75
		3	0	16.78	16.84	16.76
		3	1	16.79	16.82	16.77
		3	3	16.81	16.85	16.83
		6	0	16.82	16.89	16.74
1.4M	64QAM	1	0	16.77	16.84	16.75
		1	2	16.85	16.81	16.75
		1	5	16.75	16.90	16.83
		3	0	16.82	16.88	16.83
		3	1	16.85	16.86	16.75
		3	3	16.82	16.91	16.76
		6	0	16.76	16.81	16.73

LTE Conducted Power (Reduction)						
LTE Band 5						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		20450	20525	20600
		Frequency (MHz)		829	836.5	844
10M	QPSK	1	0	20.47	20.49	20.48
		1	24	20.43	20.44	20.44
		1	49	20.46	20.39	20.42
		25	0	20.40	20.48	20.45
		25	12	20.46	20.45	20.41
		25	25	20.39	20.44	20.43
		50	0	20.45	20.40	20.43
10M	16QAM	1	0	20.43	20.48	20.45
		1	24	20.46	20.44	20.39
		1	49	20.41	20.48	20.43
		25	0	20.41	20.45	20.40
		25	12	20.46	20.47	20.39
		25	25	20.40	20.44	20.42
		50	0	20.45	20.39	20.41
10M	64QAM	1	0	20.44	20.43	20.40
		1	24	20.39	20.44	20.41
		1	49	20.47	20.48	20.39
		25	0	20.42	20.41	20.48
		25	12	20.46	20.48	20.42
		25	25	20.41	20.41	20.44
		50	0	20.42	20.44	20.42
BW	MCS Index	Channel		20425	20525	20625
		Frequency (MHz)		826.5	836.5	846.5
5M	QPSK	1	0	20.37	20.38	20.40
		1	12	20.42	20.46	20.42
		1	24	20.37	20.45	20.43
		12	0	20.46	20.45	20.40
		12	6	20.42	20.48	20.42
		12	13	20.41	20.42	20.37
		25	0	20.44	20.48	20.43
5M	16QAM	1	0	20.43	20.47	20.44
		1	12	20.42	20.46	20.37
		1	24	20.40	20.41	20.44
		12	0	20.46	20.45	20.44
		12	6	20.36	20.45	20.44
		12	13	20.41	20.39	20.44
		25	0	20.43	20.42	20.38
5M	64QAM	1	0	20.39	20.41	20.45
		1	12	20.43	20.46	20.44
		1	24	20.41	20.40	20.42
		12	0	20.40	20.39	20.43
		12	6	20.39	20.48	20.38
		12	13	20.41	20.38	20.41
		25	0	20.39	20.46	20.44

LTE Conducted Power (Reduction)						
LTE Band 5						
BW	MCS Index	Channel		20415	20525	20635
		Frequency (MHz)		825.5	836.5	847.5
3M	QPSK	1	0	20.45	20.44	20.47
		1	7	20.42	20.38	20.40
		1	14	20.36	20.47	20.45
		8	0	20.41	20.47	20.47
		8	3	20.38	20.42	20.47
		8	7	20.43	20.45	20.40
		15	0	20.43	20.38	20.37
3M	16QAM	1	0	20.42	20.44	20.42
		1	7	20.39	20.43	20.40
		1	14	20.41	20.43	20.40
		8	0	20.39	20.46	20.47
		8	3	20.45	20.46	20.45
		8	7	20.44	20.43	20.38
		15	0	20.44	20.38	20.44
3M	64QAM	1	0	20.43	20.42	20.37
		1	7	20.41	20.43	20.41
		1	14	20.44	20.40	20.39
		8	0	20.41	20.38	20.39
		8	3	20.42	20.48	20.38
		8	7	20.42	20.40	20.41
		15	0	20.46	20.44	20.37
BW	MCS Index	Channel		20407	20525	20643
		Frequency (MHz)		824.7	836.5	848.3
1.4M	QPSK	1	0	20.40	20.46	20.37
		1	2	20.41	20.47	20.46
		1	5	20.43	20.46	20.41
		3	0	20.37	20.43	20.43
		3	1	20.39	20.45	20.46
		3	3	20.44	20.41	20.38
		6	0	20.39	20.47	20.47
1.4M	16QAM	1	0	20.40	20.42	20.43
		1	2	20.45	20.43	20.42
		1	5	20.44	20.45	20.38
		3	0	20.40	20.46	20.46
		3	1	20.44	20.40	20.38
		3	3	20.44	20.42	20.41
		6	0	20.45	20.42	20.39
1.4M	64QAM	1	0	20.39	20.45	20.46
		1	2	20.37	20.45	20.45
		1	5	20.37	20.46	20.37
		3	0	20.40	20.47	20.43
		3	1	20.38	20.40	20.43
		3	3	20.45	20.40	20.47
		6	0	20.42	20.40	20.45

LTE Conducted Power (Reduction)						
LTE Band 7						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		20850	21100	21350
		Frequency (MHz)		2510	2535	2560
20M	QPSK	1	0	15.83	15.91	15.94
		1	50	15.75	15.91	15.87
		1	99	15.73	15.81	15.89
		50	0	15.74	15.90	15.92
		50	25	15.77	15.82	15.85
		50	50	15.80	15.85	15.87
		100	0	15.77	15.90	15.85
20M	16QAM	1	0	15.74	15.90	15.92
		1	50	15.81	15.81	15.84
		1	99	15.81	15.88	15.83
		50	0	15.78	15.91	15.92
		50	25	15.80	15.82	15.93
		50	50	15.82	15.87	15.89
		100	0	15.76	15.84	15.93
20M	64QAM	1	0	15.83	15.90	15.90
		1	50	15.81	15.86	15.89
		1	99	15.81	15.91	15.89
		50	0	15.75	15.84	15.85
		50	25	15.79	15.85	15.90
		50	50	15.75	15.82	15.88
		100	0	15.79	15.84	15.86
BW	MCS Index	Channel		20825	21100	21375
		Frequency (MHz)		2507.5	2535	2562.5
15M	QPSK	1	0	15.78	15.85	15.92
		1	37	15.77	15.81	15.92
		1	74	15.75	15.87	15.84
		36	0	15.81	15.89	15.86
		36	19	15.77	15.86	15.93
		36	39	15.80	15.91	15.85
		75	0	15.74	15.84	15.83
15M	16QAM	1	0	15.77	15.82	15.86
		1	37	15.78	15.89	15.84
		1	74	15.82	15.91	15.85
		36	0	15.80	15.91	15.88
		36	19	15.77	15.90	15.92
		36	39	15.75	15.85	15.85
		75	0	15.74	15.86	15.87
15M	64QAM	1	0	15.78	15.86	15.93
		1	37	15.77	15.87	15.84
		1	74	15.78	15.82	15.91
		36	0	15.79	15.87	15.90
		36	19	15.76	15.84	15.90
		36	39	15.81	15.82	15.93
		75	0	15.73	15.82	15.87

LTE Conducted Power (Reduction)						
LTE Band 7						
BW	MCS Index	Channel		20800	21100	21400
		Frequency (MHz)		2505	2535	2565
10M	QPSK	1	0	15.74	15.84	15.93
		1	24	15.73	15.84	15.90
		1	49	15.73	15.87	15.83
		25	0	15.81	15.83	15.87
		25	12	15.82	15.91	15.84
		25	25	15.76	15.87	15.89
		50	0	15.73	15.84	15.85
10M	16QAM	1	0	15.78	15.84	15.83
		1	24	15.83	15.81	15.92
		1	49	15.81	15.91	15.84
		25	0	15.78	15.88	15.90
		25	12	15.75	15.81	15.85
		25	25	15.81	15.88	15.88
		50	0	15.75	15.86	15.92
10M	64QAM	1	0	15.81	15.82	15.84
		1	24	15.80	15.86	15.92
		1	49	15.82	15.81	15.83
		25	0	15.80	15.81	15.92
		25	12	15.76	15.82	15.91
		25	25	15.73	15.88	15.91
		50	0	15.82	15.91	15.93
BW	MCS Index	Channel		20775	21100	21425
		Frequency (MHz)		2502.5	2535	2567.5
5M	QPSK	1	0	15.76	15.82	15.88
		1	12	15.79	15.87	15.90
		1	24	15.74	15.88	15.92
		12	0	15.83	15.90	15.90
		12	6	15.79	15.83	15.93
		12	13	15.81	15.89	15.83
		25	0	15.74	15.81	15.89
5M	16QAM	1	0	15.82	15.85	15.93
		1	12	15.80	15.85	15.90
		1	24	15.75	15.91	15.87
		12	0	15.79	15.83	15.93
		12	6	15.82	15.88	15.92
		12	13	15.75	15.81	15.92
		25	0	15.76	15.82	15.83
5M	64QAM	1	0	15.82	15.81	15.91
		1	12	15.83	15.81	15.91
		1	24	15.81	15.86	15.83
		12	0	15.80	15.84	15.87
		12	6	15.73	15.91	15.88
		12	13	15.75	15.82	15.89
		25	0	15.83	15.88	15.91

LTE Conducted Power (Reduction)						
LTE Band 12						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		23060	23095	23130
		Frequency (MHz)		704	707.5	711
10M	QPSK	1	0	20.45	20.49	20.48
		1	24	20.37	20.38	20.46
		1	49	20.38	20.44	20.38
		25	0	20.40	20.38	20.37
		25	12	20.37	20.46	20.37
		25	25	20.36	20.43	20.46
		50	0	20.43	20.38	20.47
10M	16QAM	1	0	20.43	20.46	20.40
		1	24	20.38	20.38	20.42
		1	49	20.43	20.41	20.40
		25	0	20.39	20.47	20.40
		25	12	20.43	20.42	20.43
		25	25	20.38	20.45	20.45
		50	0	20.37	20.42	20.46
10M	64QAM	1	0	20.42	20.43	20.39
		1	24	20.41	20.46	20.42
		1	49	20.39	20.44	20.43
		25	0	20.41	20.38	20.39
		25	12	20.39	20.43	20.42
		25	25	20.35	20.40	20.39
		50	0	20.36	20.48	20.37
BW	MCS Index	Channel		23035	23095	23155
		Frequency (MHz)		701.5	707.5	713.5
5M	QPSK	1	0	20.37	20.47	20.44
		1	12	20.36	20.42	20.43
		1	24	20.40	20.45	20.41
		12	0	20.40	20.44	20.37
		12	6	20.34	20.40	20.37
		12	13	20.41	20.41	20.43
		25	0	20.43	20.40	20.47
5M	16QAM	1	0	20.43	20.40	20.38
		1	12	20.38	20.40	20.46
		1	24	20.41	20.39	20.38
		12	0	20.42	20.45	20.43
		12	6	20.35	20.44	20.46
		12	13	20.43	20.48	20.46
		25	0	20.37	20.46	20.43
5M	64QAM	1	0	20.37	20.40	20.39
		1	12	20.40	20.46	20.44
		1	24	20.34	20.40	20.45
		12	0	20.34	20.39	20.39
		12	6	20.35	20.46	20.42
		12	13	20.41	20.43	20.46
		25	0	20.38	20.38	20.44

LTE Conducted Power (Reduction)						
LTE Band 12						
BW	MCS Index	Channel		23025	23095	23165
		Frequency (MHz)		700.5	707.5	714.5
3M	QPSK	1	0	20.39	20.39	20.45
		1	7	20.42	20.47	20.43
		1	14	20.36	20.41	20.39
		8	0	20.41	20.45	20.40
		8	3	20.34	20.43	20.47
		8	7	20.43	20.39	20.43
		15	0	20.41	20.38	20.46
3M	16QAM	1	0	20.38	20.47	20.44
		1	7	20.34	20.44	20.39
		1	14	20.35	20.45	20.46
		8	0	20.39	20.43	20.44
		8	3	20.34	20.48	20.45
		8	7	20.35	20.44	20.40
		15	0	20.37	20.42	20.43
3M	64QAM	1	0	20.43	20.41	20.44
		1	7	20.35	20.48	20.39
		1	14	20.36	20.45	20.41
		8	0	20.34	20.39	20.44
		8	3	20.38	20.47	20.44
		8	7	20.36	20.45	20.45
		15	0	20.35	20.46	20.39
BW	MCS Index	Channel		23017	23095	23173
		Frequency (MHz)		699.7	707.5	715.3
1.4M	QPSK	1	0	20.34	20.40	20.47
		1	2	20.41	20.40	20.38
		1	5	20.35	20.44	20.45
		3	0	20.37	20.44	20.41
		3	1	20.42	20.48	20.37
		3	3	20.36	20.43	20.42
		6	0	20.43	20.45	20.47
1.4M	16QAM	1	0	20.36	20.38	20.42
		1	2	20.44	20.45	20.44
		1	5	20.36	20.38	20.38
		3	0	20.35	20.44	20.42
		3	1	20.43	20.43	20.41
		3	3	20.39	20.47	20.47
		6	0	20.34	20.47	20.40
1.4M	64QAM	1	0	20.43	20.46	20.45
		1	2	20.41	20.46	20.38
		1	5	20.40	20.43	20.44
		3	0	20.35	20.48	20.40
		3	1	20.37	20.43	20.38
		3	3	20.35	20.38	20.39
		6	0	20.34	20.40	20.42

LTE Conducted Power (Reduction)						
LTE Band 13						
BW	MCS Index	RB Size	RB Offset		Mid	
		Channel			23230	
		Frequency (MHz)			782	
10M	QPSK	1	0		20.48	
		1	24		20.43	
		1	49		20.44	
		25	0		20.39	
		25	12		20.37	
		25	25		20.43	
		50	0		20.41	
10M	16QAM	1	0		20.41	
		1	24		20.44	
		1	49		20.46	
		25	0		20.37	
		25	12		20.40	
		25	25		20.44	
		50	0		20.38	
10M	64QAM	1	0		20.42	
		1	24		20.46	
		1	49		20.47	
		25	0		20.39	
		25	12		20.44	
		25	25		20.40	
		50	0		20.45	
BW	MCS Index	Channel		23205	23230	23255
		Frequency (MHz)		779.5	782	784.5
5M	QPSK	1	0		20.37	
		1	12		20.39	
		1	24		20.45	
		12	0		20.46	
		12	6		20.39	
		12	13		20.37	
		25	0		20.44	
5M	16QAM	1	0		20.40	
		1	12		20.45	
		1	24		20.43	
		12	0		20.40	
		12	6		20.44	
		12	13		20.44	
		25	0		20.46	
5M	64QAM	1	0		20.40	
		1	12		20.40	
		1	24		20.40	
		12	0		20.47	
		12	6		20.41	
		12	13		20.38	
		25	0		20.42	

LTE Conducted Power (Reduction)						
LTE Band 17						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		23780	23790	23800
		Frequency (MHz)		709	710	711
10M	QPSK	1	0	20.42	20.46	20.45
		1	24	20.34	20.35	20.43
		1	49	20.35	20.41	20.35
		25	0	20.37	20.35	20.34
		25	12	20.34	20.43	20.34
		25	25	20.33	20.40	20.43
		50	0	20.40	20.35	20.44
10M	16QAM	1	0	20.40	20.43	20.37
		1	24	20.35	20.35	20.39
		1	49	20.40	20.38	20.37
		25	0	20.36	20.44	20.37
		25	12	20.40	20.39	20.40
		25	25	20.35	20.42	20.42
		50	0	20.34	20.39	20.43
10M	64QAM	1	0	20.39	20.40	20.36
		1	24	20.38	20.43	20.39
		1	49	20.36	20.41	20.40
		25	0	20.38	20.35	20.36
		25	12	20.36	20.40	20.39
		25	25	20.32	20.37	20.36
		50	0	20.33	20.45	20.34
BW	MCS Index	Channel		23755	23790	23825
		Frequency (MHz)		706.5	710	713.5
5M	QPSK	1	0	20.34	20.44	20.41
		1	12	20.33	20.39	20.40
		1	24	20.37	20.42	20.38
		12	0	20.37	20.41	20.34
		12	6	20.31	20.37	20.34
		12	13	20.38	20.38	20.40
		25	0	20.40	20.37	20.44
5M	16QAM	1	0	20.40	20.37	20.35
		1	12	20.35	20.37	20.43
		1	24	20.38	20.36	20.35
		12	0	20.39	20.42	20.40
		12	6	20.32	20.41	20.43
		12	13	20.40	20.45	20.43
		25	0	20.34	20.43	20.40
5M	64QAM	1	0	20.34	20.37	20.36
		1	12	20.37	20.43	20.41
		1	24	20.31	20.37	20.42
		12	0	20.31	20.36	20.36
		12	6	20.32	20.43	20.39
		12	13	20.38	20.40	20.43
		25	0	20.35	20.35	20.41

LTE Conducted Power (Reduction)						
LTE Band 25						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		26140	26365	26590
		Frequency (MHz)		1860	1882.5	1905
20M	QPSK	1	0	17.92	17.98	17.90
		1	50	17.91	17.93	17.89
		1	99	17.87	17.91	17.86
		50	0	17.82	17.87	17.82
		50	25	17.80	17.86	17.77
		50	50	17.77	17.85	17.79
		100	0	17.73	17.75	17.70
20M	16QAM	1	0	17.88	17.97	17.94
		1	50	17.90	17.94	17.87
		1	99	17.91	17.96	17.93
		50	0	17.86	17.90	17.90
		50	25	17.89	17.89	17.87
		50	50	17.78	17.87	17.78
		100	0	17.79	17.83	17.82
20M	64QAM	1	0	17.92	17.97	17.95
		1	50	17.86	17.94	17.89
		1	99	17.96	17.96	17.93
		50	0	17.84	17.88	17.83
		50	25	17.86	17.87	17.79
		50	50	17.81	17.86	17.84
		100	0	17.78	17.83	17.77
BW	MCS Index	Channel		26115	26365	26615
		Frequency (MHz)		1857.5	1882.5	1907.5
15M	QPSK	1	0	17.89	17.95	17.85
		1	37	17.83	17.84	17.79
		1	74	17.87	17.87	17.86
		36	0	17.76	17.84	17.73
		36	19	17.78	17.76	17.77
		36	39	17.75	17.83	17.69
		75	0	17.67	17.74	17.69
15M	16QAM	1	0	17.87	17.94	17.88
		1	37	17.86	17.85	17.87
		1	74	17.83	17.88	17.93
		36	0	17.84	17.86	17.80
		36	19	17.79	17.85	17.85
		36	39	17.78	17.77	17.77
		75	0	17.78	17.76	17.74
15M	64QAM	1	0	17.82	17.96	17.92
		1	37	17.76	17.90	17.89
		1	74	17.95	17.94	17.92
		36	0	17.78	17.82	17.79
		36	19	17.78	17.79	17.73
		36	39	17.80	17.86	17.81
		75	0	17.69	17.81	17.71

LTE Conducted Power (Reduction)						
LTE Band 25						
BW	MCS Index	Channel		26090	26365	26640
		Frequency (MHz)		1855	1882.5	1910
10M	QPSK	1	0	17.85	17.94	17.80
		1	24	17.91	17.92	17.81
		1	49	17.78	17.83	17.82
		25	0	17.79	17.86	17.80
		25	12	17.71	17.80	17.75
		25	25	17.67	17.77	17.72
		50	0	17.68	17.68	17.62
10M	16QAM	1	0	17.85	17.95	17.91
		1	24	17.89	17.92	17.79
		1	49	17.81	17.87	17.83
		25	0	17.76	17.88	17.80
		25	12	17.89	17.79	17.81
		25	25	17.69	17.80	17.73
		50	0	17.75	17.82	17.73
10M	64QAM	1	0	17.82	17.88	17.90
		1	24	17.86	17.87	17.86
		1	49	17.91	17.90	17.85
		25	0	17.81	17.87	17.80
		25	12	17.85	17.83	17.73
		25	25	17.81	17.83	17.80
		50	0	17.74	17.79	17.70
BW	MCS Index	Channel		26065	26365	26665
		Frequency (MHz)		1852.5	1882.5	1912.5
5M	QPSK	1	0	17.87	17.89	17.89
		1	12	17.90	17.89	17.81
		1	24	17.79	17.85	17.86
		12	0	17.78	17.79	17.81
		12	6	17.74	17.84	17.72
		12	13	17.74	17.80	17.69
		25	0	17.68	17.74	17.60
5M	16QAM	1	0	17.85	17.97	17.93
		1	12	17.86	17.91	17.77
		1	24	17.82	17.95	17.92
		12	0	17.80	17.80	17.90
		12	6	17.84	17.85	17.84
		12	13	17.74	17.80	17.68
		25	0	17.72	17.78	17.73
5M	64QAM	1	0	17.92	17.92	17.94
		1	12	17.78	17.85	17.80
		1	24	17.88	17.96	17.84
		12	0	17.83	17.82	17.82
		12	6	17.78	17.84	17.69
		12	13	17.73	17.84	17.79
		25	0	17.71	17.82	17.70

LTE Conducted Power (Reduction)						
LTE Band 25						
BW	MCS Index	Channel		26055	26365	26675
		Frequency (MHz)		1851.5	1882.5	1913.5
3M	QPSK	1	0	17.91	17.97	17.85
		1	7	17.87	17.84	17.84
		1	14	17.77	17.86	17.81
		8	0	17.75	17.84	17.79
		8	3	17.70	17.84	17.70
		8	7	17.70	17.85	17.75
		15	0	17.63	17.72	17.62
3M	16QAM	1	0	17.83	17.94	17.88
		1	7	17.83	17.90	17.79
		1	14	17.83	17.89	17.92
		8	0	17.82	17.80	17.84
		8	3	17.85	17.80	17.81
		8	7	17.68	17.82	17.72
		15	0	17.69	17.83	17.79
3M	64QAM	1	0	17.85	17.89	17.93
		1	7	17.80	17.84	17.80
		1	14	17.94	17.93	17.83
		8	0	17.80	17.86	17.76
		8	3	17.78	17.82	17.70
		8	7	17.74	17.83	17.74
		15	0	17.76	17.76	17.77
BW	MCS Index	Channel		26047	26365	26683
		Frequency (MHz)		1850.7	1882.5	1914.3
1.4M	QPSK	1	0	17.83	17.94	17.82
		1	2	17.81	17.93	17.84
		1	5	17.87	17.90	17.77
		3	0	17.75	17.78	17.80
		3	1	17.73	17.80	17.72
		3	3	17.74	17.83	17.77
		6	0	17.70	17.68	17.60
1.4M	16QAM	1	0	17.88	17.92	17.91
		1	2	17.83	17.85	17.85
		1	5	17.83	17.96	17.85
		3	0	17.76	17.80	17.85
		3	1	17.87	17.87	17.83
		3	3	17.70	17.87	17.68
		6	0	17.72	17.79	17.74
1.4M	64QAM	1	0	17.90	17.89	17.85
		1	2	17.86	17.94	17.80
		1	5	17.95	17.92	17.93
		3	0	17.82	17.79	17.77
		3	1	17.76	17.79	17.70
		3	3	17.72	17.81	17.83
		6	0	17.69	17.75	17.73

LTE Conducted Power (Reduction)						
LTE Band 26						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		26765	26865	26965
		Frequency (MHz)		821.5	831.5	841.5
15M	QPSK	1	0	20.44	20.47	20.48
		1	37	20.44	20.45	20.45
		1	74	20.41	20.46	20.45
		36	0	20.40	20.43	20.39
		36	19	20.36	20.41	20.43
		36	39	20.35	20.45	20.47
		75	0	20.43	20.44	20.41
15M	16QAM	1	0	20.35	20.45	20.39
		1	37	20.35	20.41	20.47
		1	74	20.39	20.41	20.47
		36	0	20.39	20.41	20.46
		36	19	20.38	20.44	20.46
		36	39	20.34	20.40	20.44
		75	0	20.34	20.39	20.47
15M	64QAM	1	0	20.43	20.47	20.44
		1	37	20.37	20.46	20.45
		1	74	20.42	20.46	20.43
		36	0	20.34	20.39	20.44
		36	19	20.42	20.47	20.41
		36	39	20.44	20.41	20.45
		75	0	20.40	20.46	20.45
BW	MCS Index	Channel		26740	26865	26990
		Frequency (MHz)		819	831.5	844
10M	QPSK	1	0	20.44	20.46	20.44
		1	24	20.36	20.44	20.47
		1	49	20.42	20.45	20.41
		25	0	20.36	20.38	20.47
		25	12	20.42	20.40	20.40
		25	25	20.44	20.43	20.45
		50	0	20.36	20.46	20.37
10M	16QAM	1	0	20.43	20.46	20.47
		1	24	20.39	20.47	20.39
		1	49	20.38	20.42	20.39
		25	0	20.40	20.42	20.45
		25	12	20.37	20.43	20.47
		25	25	20.42	20.37	20.42
		50	0	20.34	20.39	20.46
10M	64QAM	1	0	20.39	20.42	20.47
		1	24	20.38	20.42	20.39
		1	49	20.36	20.41	20.42
		25	0	20.34	20.39	20.42
		25	12	20.40	20.41	20.43
		25	25	20.40	20.46	20.41
		50	0	20.44	20.42	20.41

LTE Conducted Power (Reduction)						
LTE Band 26						
BW	MCS Index	Channel		26715	26865	27015
		Frequency (MHz)		816.5	831.5	846.5
5M	QPSK	1	0	20.42	20.38	20.39
		1	12	20.39	20.37	20.42
		1	24	20.35	20.47	20.45
		12	0	20.44	20.47	20.39
		12	6	20.42	20.40	20.47
		12	13	20.43	20.46	20.47
		25	0	20.41	20.44	20.47
5M	16QAM	1	0	20.36	20.45	20.46
		1	12	20.34	20.45	20.39
		1	24	20.39	20.37	20.45
		12	0	20.39	20.41	20.37
		12	6	20.39	20.38	20.37
		12	13	20.43	20.43	20.46
		25	0	20.43	20.46	20.39
5M	64QAM	1	0	20.34	20.40	20.46
		1	12	20.34	20.45	20.42
		1	24	20.34	20.43	20.37
		12	0	20.35	20.46	20.43
		12	6	20.34	20.38	20.43
		12	13	20.34	20.40	20.46
		25	0	20.39	20.46	20.42
BW	MCS Index	Channel		26705	26865	27025
		Frequency (MHz)		815.5	831.5	847.5
3M	QPSK	1	0	20.38	20.39	20.44
		1	7	20.41	20.45	20.43
		1	14	20.43	20.47	20.39
		8	0	20.34	20.45	20.45
		8	3	20.34	20.40	20.39
		8	7	20.35	20.47	20.37
		15	0	20.44	20.41	20.45
3M	16QAM	1	0	20.41	20.40	20.40
		1	7	20.44	20.47	20.42
		1	14	20.42	20.46	20.41
		8	0	20.39	20.37	20.41
		8	3	20.43	20.44	20.45
		8	7	20.38	20.40	20.45
		15	0	20.44	20.38	20.37
3M	64QAM	1	0	20.37	20.41	20.38
		1	7	20.36	20.38	20.46
		1	14	20.35	20.38	20.45
		8	0	20.37	20.37	20.46
		8	3	20.38	20.42	20.43
		8	7	20.38	20.40	20.44
		15	0	20.35	20.39	20.45

LTE Conducted Power (Reduction)						
LTE Band 26						
BW	MCS Index	Channel		26697	26865	27033
		Frequency (MHz)		814.7	831.5	848.3
1.4M	QPSK	1	0	20.38	20.47	20.41
		1	2	20.37	20.42	20.44
		1	5	20.39	20.37	20.42
		3	0	20.35	20.38	20.39
		3	1	20.34	20.47	20.40
		3	3	20.36	20.43	20.46
		6	0	20.38	20.46	20.39
1.4M	16QAM	1	0	20.38	20.45	20.45
		1	2	20.38	20.40	20.37
		1	5	20.43	20.43	20.41
		3	0	20.41	20.37	20.47
		3	1	20.44	20.42	20.38
		3	3	20.34	20.40	20.46
		6	0	20.43	20.42	20.43
1.4M	64QAM	1	0	20.42	20.44	20.38
		1	2	20.40	20.43	20.40
		1	5	20.42	20.45	20.44
		3	0	20.39	20.39	20.40
		3	1	20.40	20.44	20.39
		3	3	20.37	20.47	20.37
		6	0	20.41	20.38	20.40

LTE Conducted Power (Reduction)						
LTE Band 38						
BW	MCS Index	RB Size	RB Offset	Low	Mid	High
		Channel		37850	38000	38150
		Frequency (MHz)		2580	2595	2610
20M	QPSK	1	0	16.75	16.77	16.89
		1	50	16.69	16.66	16.75
		1	99	16.77	16.69	16.77
		50	0	16.80	16.81	16.82
		50	25	16.85	16.84	16.86
		50	50	16.84	16.80	16.84
		100	0	16.84	16.87	16.87
20M	16QAM	1	0	16.83	16.82	16.88
		1	50	16.85	16.85	16.86
		1	99	16.82	16.83	16.83
		50	0	16.81	16.76	16.86
		50	25	16.73	16.77	16.83
		50	50	16.82	16.82	16.85
		100	0	16.78	16.82	16.84
20M	64QAM	1	0	16.60	16.59	16.61
		1	50	16.45	16.41	16.51
		1	99	16.52	16.49	16.57
		50	0	16.87	16.86	16.88
		50	25	16.83	16.79	16.87
		50	50	16.77	16.81	16.86
		100	0	16.81	16.80	16.85
BW	MCS Index	Channel		37825	38000	38175
		Frequency (MHz)		2577.5	2595	2612.5
15M	QPSK	1	0	16.75	16.71	16.81
		1	37	16.64	16.60	16.67
		1	74	16.77	16.68	16.69
		36	0	16.79	16.78	16.77
		36	19	16.78	16.84	16.78
		36	39	16.75	16.77	16.78
		75	0	16.76	16.85	16.86
15M	16QAM	1	0	16.82	16.72	16.86
		1	37	16.83	16.75	16.84
		1	74	16.74	16.74	16.74
		36	0	16.79	16.76	16.78
		36	19	16.67	16.69	16.75
		36	39	16.76	16.72	16.85
		75	0	16.74	16.76	16.77
15M	64QAM	1	0	16.54	16.57	16.53
		1	37	16.39	16.37	16.46
		1	74	16.51	16.43	16.57
		36	0	16.87	16.81	16.83
		36	19	16.75	16.72	16.85
		36	39	16.72	16.79	16.78
		75	0	16.79	16.74	16.81

LTE Conducted Power (Reduction)						
LTE Band 38						
BW	MCS Index	Channel		37800	38000	38200
		Frequency (MHz)		2575	2595	2615
10M	QPSK	1	0	16.69	16.77	16.88
		1	24	16.65	16.56	16.68
		1	49	16.76	16.67	16.76
		25	0	16.79	16.77	16.76
		25	12	16.77	16.76	16.82
		25	25	16.82	16.80	16.82
		50	0	16.80	16.87	16.87
10M	16QAM	1	0	16.83	16.75	16.81
		1	24	16.81	16.81	16.84
		1	49	16.82	16.80	16.77
		25	0	16.72	16.66	16.83
		25	12	16.73	16.76	16.83
		25	25	16.76	16.78	16.84
		50	0	16.76	16.74	16.79
10M	64QAM	1	0	16.57	16.55	16.54
		1	24	16.39	16.31	16.41
		1	49	16.50	16.45	16.47
		25	0	16.87	16.85	16.86
		25	12	16.83	16.69	16.84
		25	25	16.76	16.76	16.84
		50	0	16.77	16.80	16.80
BW	MCS Index	Channel		37775	38000	38225
		Frequency (MHz)		2572.5	2595	2617.5
5M	QPSK	1	0	16.65	16.74	16.79
		1	12	16.64	16.62	16.68
		1	24	16.67	16.62	16.72
		12	0	16.78	16.71	16.72
		12	6	16.83	16.80	16.81
		12	13	16.84	16.72	16.74
		25	0	16.80	16.79	16.86
5M	16QAM	1	0	16.74	16.76	16.82
		1	12	16.79	16.82	16.80
		1	24	16.78	16.78	16.73
		12	0	16.81	16.67	16.83
		12	6	16.71	16.73	16.75
		12	13	16.79	16.78	16.76
		25	0	16.75	16.75	16.75
5M	64QAM	1	0	16.59	16.55	16.56
		1	12	16.36	16.41	16.51
		1	24	16.51	16.44	16.53
		12	0	16.82	16.79	16.83
		12	6	16.81	16.70	16.86
		12	13	16.67	16.79	16.83
		25	0	16.76	16.74	16.81

LTE Conducted Power (Reduction)								
LTE Band 41								
BW	MCS Index	RB Size	RB Offset	Low	Mid	Mid	Mid	High
		Channel		39750	40185	40620	41055	41490
		Frequency (MHz)		2506	2549.5	2593	2636.5	2680
20M	QPSK	1	0	14.83	14.93	14.94	14.82	15.98
		1	50	14.83	14.88	14.88	14.78	14.55
		1	99	14.81	14.88	14.84	14.72	15.91
		50	0	14.77	14.84	14.93	14.75	14.73
		50	25	14.81	14.86	14.92	14.81	14.64
		50	50	14.77	14.85	14.86	14.73	14.66
		100	0	14.79	14.85	14.88	14.73	14.73
20M	16QAM	1	0	14.77	14.89	14.94	14.78	15.93
		1	50	14.82	14.83	14.88	14.74	14.63
		1	99	14.77	14.84	14.94	14.77	15.91
		50	0	14.83	14.90	14.93	14.79	14.86
		50	25	14.74	14.93	14.89	14.74	14.75
		50	50	14.79	14.86	14.88	14.73	14.79
		100	0	14.75	14.83	14.90	14.81	14.83
20M	64QAM	1	0	14.78	14.90	14.90	14.76	15.97
		1	50	14.82	14.92	14.91	14.80	14.53
		1	99	14.80	14.88	14.91	14.73	15.80
		50	0	14.82	14.91	14.89	14.76	14.83
		50	25	14.73	14.88	14.90	14.76	14.75
		50	50	14.73	14.92	14.86	14.79	14.76
		100	0	14.77	14.91	14.92	14.75	14.80
BW	MCS Index	Channel		39725	40173	40620	41068	41515
		Frequency (MHz)		2503.5	2548.3	2593	2637.8	2682.5
15M	QPSK	1	0	14.81	14.84	14.92	14.74	15.93
		1	37	14.76	14.90	14.94	14.77	14.53
		1	74	14.80	14.86	14.86	14.82	15.81
		36	0	14.80	14.83	14.88	14.77	15.65
		36	19	14.81	14.88	14.85	14.80	15.59
		36	39	14.78	14.92	14.94	14.77	15.63
		75	0	14.75	14.89	14.93	14.74	15.68
15M	16QAM	1	0	14.75	14.92	14.90	14.81	15.87
		1	37	14.76	14.84	14.86	14.78	14.61
		1	74	14.76	14.87	14.84	14.76	15.83
		36	0	14.74	14.88	14.86	14.75	15.68
		36	19	14.77	14.92	14.91	14.77	15.61
		36	39	14.80	14.85	14.90	14.75	15.62
		75	0	14.78	14.83	14.94	14.74	15.64
15M	64QAM	1	0	14.81	14.85	14.87	14.80	15.87
		1	37	14.74	14.88	14.86	14.79	14.63
		1	74	14.73	14.85	14.92	14.73	15.83
		36	0	14.73	14.83	14.89	14.75	15.66
		36	19	14.80	14.93	14.85	14.81	15.64
		36	39	14.78	14.92	14.86	14.77	15.62
		75	0	14.78	14.87	14.88	14.82	15.70

LTE Conducted Power (Reduction)								
LTE Band 41								
BW	MCS Index	Channel		39700	40160	40620	41080	41540
		Frequency (MHz)		2501	2547	2593	2639	2685
10M	QPSK	1	0	14.76	14.90	14.86	14.79	15.95
		1	24	14.75	14.87	14.93	14.79	14.51
		1	49	14.73	14.85	14.89	14.81	15.82
		25	0	14.79	14.90	14.89	14.74	15.64
		25	12	14.76	14.86	14.89	14.80	15.55
		25	25	14.73	14.88	14.90	14.80	15.64
		50	0	14.80	14.92	14.94	14.75	15.68
10M	16QAM	1	0	14.78	14.89	14.93	14.78	15.85
		1	24	14.81	14.92	14.85	14.80	14.51
		1	49	14.75	14.88	14.92	14.73	15.88
		25	0	14.77	14.93	14.87	14.74	15.64
		25	12	14.73	14.88	14.86	14.82	15.55
		25	25	14.76	14.87	14.92	14.79	15.61
		50	0	14.80	14.83	14.92	14.82	15.71
10M	64QAM	1	0	14.80	14.90	14.86	14.80	15.94
		1	24	14.74	14.88	14.86	14.76	14.56
		1	49	14.75	14.88	14.90	14.76	15.82
		25	0	14.82	14.92	14.87	14.79	15.70
		25	12	14.80	14.83	14.92	14.72	15.58
		25	25	14.73	14.92	14.84	14.78	15.59
		50	0	14.75	14.83	14.88	14.81	15.67
BW	MCS Index	Channel		39675	40148	40620	41093	41565
		Frequency (MHz)		2498.5	2545.8	2593	2640.3	2687.5
5M	QPSK	1	0	14.76	14.90	14.91	14.82	15.89
		1	12	14.75	14.85	14.86	14.75	14.51
		1	24	14.74	14.92	14.91	14.80	15.83
		12	0	14.75	14.89	14.86	14.73	15.67
		12	6	14.83	14.93	14.88	14.80	15.64
		12	13	14.74	14.91	14.90	14.77	15.56
		25	0	14.75	14.88	14.89	14.79	15.70
5M	16QAM	1	0	14.82	14.86	14.89	14.76	15.94
		1	12	14.77	14.84	14.94	14.72	14.53
		1	24	14.83	14.83	14.91	14.81	15.82
		12	0	14.73	14.88	14.94	14.77	15.71
		12	6	14.83	14.91	14.94	14.76	15.55
		12	13	14.78	14.92	14.84	14.73	15.62
		25	0	14.82	14.87	14.85	14.74	15.64
5M	64QAM	1	0	14.82	14.93	14.85	14.82	15.86
		1	12	14.82	14.88	14.86	14.75	14.52
		1	24	14.80	14.89	14.86	14.77	15.83
		12	0	14.81	14.89	14.90	14.75	15.68
		12	6	14.78	14.89	14.87	14.82	15.64
		12	13	14.79	14.88	14.91	14.80	15.58
		25	0	14.80	14.89	14.85	14.75	15.65

Downlink Carrier Aggregation Scenarios Conducted Power(Reduction)

Configure	Combination	PCC								SCC1				Measurement Power			
		LTE Band	BW [Mhz]	UL Channel	UL Freq. [MHz]	UL RB	UL Offset	DL Channel	DL Freq. [MHz]	LTE Band	BW [Mhz]	DL Channel	DL Freq. [MHz]	Maximum Tune-up Power	Single Carrier Tx Power without DL-CA Active (dBm)	Tx Power with DL-CA Active (dBm)	
																PCC	Total
Intra Band Non-Contiguous	CA_2A-2A	2	20	18700	1860	1	0	700	1940	2	20	1100	1980	18	17.71	17.65	17.65
	CA_4A-4A	4	20	20050	1720	1	0	2050	2120	4	20	2300	2145	17	16.86	16.81	16.81
	CA_7A-7A	7	20	20850	2510	1	0	2850	2630	7	20	3350	2680	16	15.94	15.83	15.83
	CA_41A-41A	41	20	39750	2506	1	0	39750	2506	41	20	40620	2593	16	15.87	15.76	15.76
Inter Band	CA_5A-7A	5	10	20450	835	1	0	2450	874	7	20	3100	2655	16	15.92	15.88	15.88
	CA_2A-4A	2	20	18700	1860	1	0	700	1940	4	20	2175	2132.5	17	16.96	16.89	16.89
	CA_2A-5A	2	20	18700	1860	1	0	700	1940	5	10	2525	881.5	18	17.76	17.63	17.63
	CA_2A-12A	2	20	18700	1860	1	0	700	1940	12	10	5095	737.5	18	17.94	17.85	17.85
	CA_2A-13A	2	20	18700	1860	1	0	700	1940	13	10	23279	786.9	18	17.85	17.76	17.76
	CA_2A-17A	2	20	18700	1860	1	0	700	1940	17	10	5790	740	18	17.96	17.81	17.81
	CA_4A-5A	4	20	20050	1720	1	0	2050	2120	5	10	2525	881.5	17	16.89	16.69	16.69
	CA_4A-12A	4	20	20050	1720	1	0	2050	2120	12	10	5095	737.5	17	16.82	16.71	16.71
	CA_4A-13A	4	20	20050	1720	1	0	2050	2120	13	10	23279	786.9	17	16.86	16.83	16.83
	CA_4A-17A	4	20	20050	1720	1	0	2050	2120	17	10	5790	740	17	16.91	16.81	16.81

WLAN Conducted Power (Full)			
WLAN2.4GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11b	1	2412	15.96
	6	2437	15.95
	11	2462	15.93

Bluetooth Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
BR / EDR	0	2402	4.89
	39	2441	5.56
	78	2480	6.29

WLAN 5.3GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11ac VHT80	58	5290	12.4

WLAN 5.6GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11ac VHT80	106	5530	12.43
	122	5610	12.15

WLAN 5.8GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11n HT40	151	5755	12.47
	159	5795	12.49

WLAN Conducted Power (Full)			
WLAN2.4GHz Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11b	1	2412	15.92
	6	2437	15.84
	11	2462	15.77

WLAN 5.3GHz Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11ac VHT80	58	5290	12.44

WLAN 5.6GHz Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11ac VHT80	106	5530	12.43
	122	5610	12.15

WLAN 5.8GHz Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11n HT40	151	5755	12.47
	159	5795	12.49

WLAN Conducted Power (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
802.11b	1	2412	14.87	15.86	18.40
	6	2437	14.77	15.55	18.19
	11	2462	14.96	15.62	18.31

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 VHT80	58	5290	12.33	11.96	15.16

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 VHT80	106	5530	12.11	11.04	14.62
	122	5610	12.35	12.2	15.29

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	12.1	12.46	15.29
	159	5795	12.49	12.46	15.49

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.

Body SAR Test Result

System & osition								DUT & Accessory			SAR							
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	RB#	RB offset	Ant Status	DUT With Barcode Scanner	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	GSM850	GPRS10	Rear Face	10	251				w/o	w/o	-	1.00	30.00	29.66	1.08	-0.16	0.676	0.73
	GSM850	GPRS10	Left Side	0	251				w/o	w/o	-	1.00	30.00	29.66	1.08	0	<0.001	0.00
	GSM850	GPRS10	Right Side	17	251				w/o	w/o	-	1.00	30.00	29.66	1.08	-0.18	0.216	0.23
	GSM850	GPRS10	Top Side	0	251				w/o	w/o	-	1.00	30.00	29.66	1.08	-0.18	0.071	0.08
	GSM850	GPRS10	Bottom Side	0	251				w/o	w/o	-	1.00	30.00	29.66	1.08	0.15	0.113	0.12
	GSM850	GPRS10	Rear Face	0	251				w/o	w/	-	1.00	29.50	29.11	1.09	-0.11	0.646	0.70
	GSM850	GPRS10	Right Side	0	251				w/o	w/	-	1.00	29.50	29.11	1.09	0.02	0.206	0.22
	GSM850	GPRS10	Rear Face	10	128				w/o	w/o	-	1.00	30.00	29.53	1.11	0.04	0.652	0.72
	GSM850	GPRS10	Rear Face	10	189				w/o	w/o	-	1.00	30.00	29.63	1.09	-0.08	0.644	0.70
	GSM850	GPRS10	Rear Face	10	251				w/ 20 ⁰	w/o	-	1.00	30.00	29.66	1.08	-0.05	0.083	0.09
	GSM850	GPRS10	Rear Face	10	251				w/ 70 ⁰	w/o	-	1.00	30.00	29.66	1.08	0.19	0.075	0.08
																		-
	GSM1900	GPRS10	Rear Face	10	810				w/o	w/o	-	1.00	27.00	26.58	1.10	0.08	0.116	0.13
	GSM1900	GPRS10	Left Side	0	810				w/o	w/o	-	1.00	27.00	26.58	1.10	0	<0.001	0.00
	GSM1900	GPRS10	Right Side	17	810				w/o	w/o	-	1.00	27.00	26.58	1.10	-0.12	0.156	0.17
	GSM1900	GPRS10	Top Side	0	810				w/o	w/o	-	1.00	27.00	26.58	1.10	-0.15	0.069	0.08
	GSM1900	GPRS10	Bottom Side	0	810				w/o	w/o	-	1.00	27.00	26.58	1.10	0.16	0.68	0.75
	GSM1900	GPRS10	Rear Face	0	810				w/o	w/	-	1.00	25.00	24.89	1.03	0.02	0.393	0.40
2	GSM1900	GPRS10	Right Side	0	810				w/o	w/	-	1.00	25.00	24.89	1.03	-0.06	0.784	0.81
	GSM1900	GPRS10	Right Side	0	512				w/o	w/	-	1.00	25.00	24.37	1.16	-0.03	0.529	0.61
	GSM1900	GPRS10	Right Side	0	661				w/o	w/	-	1.00	25.00	24.67	1.08	0.01	0.672	0.73
	GSM1900	GPRS10	Right Side	0	810				w/ 20 ⁰	w/	-	1.00	25.00	24.89	1.03	0.05	0.744	0.77
	GSM1900	GPRS10	Right Side	0	810				w/ 70 ⁰	w/	-	1.00	25.00	24.89	1.03	0.09	0.72	0.74
																		-
	WCDMA II	RMC12.2K	Rear Face	10	9400				w/o	w/o	-	1.00	24.00	23.67	1.08	0.01	0.298	0.32
	WCDMA II	RMC12.2K	Left Side	0	9400				w/o	w/o	-	1.00	24.00	23.67	1.08	0	<0.001	0.00
	WCDMA II	RMC12.2K	Right Side	17	9400				w/o	w/o	-	1.00	24.00	23.67	1.08	-0.06	0.442	0.48
	WCDMA II	RMC12.2K	Top Side	0	9400				w/o	w/o	-	1.00	24.00	23.67	1.08	0.18	0.144	0.16
	WCDMA II	RMC12.2K	Bottom Side	0	9400				w/o	w/o	-	1.00	24.00	23.67	1.08	0	<0.001	0.00
	WCDMA II	RMC12.2K	Rear Face	0	9400				w/o	w/	-	1.00	17.00	16.99	1.00	0.01	0.324	0.32
	WCDMA II	RMC12.2K	Right Side	0	9400				w/o	w/	-	1.00	17.00	16.99	1.00	0.02	0.599	0.61
3	WCDMA II	RMC12.2K	Right Side	0	9262				w/o	w/	-	1.00	17.00	16.97	1.01	0.02	0.609	0.62
	WCDMA II	RMC12.2K	Right Side	0	9538				w/o	w/	-	1.00	17.00	16.93	1.02	-0.05	0.476	0.49
	WCDMA II	RMC12.2K	Right Side	0	9262				w/ 20 ⁰	w/	-	1.00	17.00	16.97	1.01	-0.1	0.596	0.60
	WCDMA II	RMC12.2K	Right Side	0	9262				w/ 70 ⁰	w/	-	1.00	17.00	16.97	1.01	-0.03	0.507	0.51
	WCDMA IV	RMC12.2K	Rear Face	10	1312				w/o	w/o	-	1.00	24.00	23.85	1.04	-0.16	0.591	0.61
	WCDMA IV	RMC12.2K	Left Side	0	1312				w/o	w/o	-	1.00	24.00	23.85	1.04	0	<0.001	0.00
	WCDMA IV	RMC12.2K	Right Side	17	1312				w/o	w/o	-	1.00	24.00	23.85	1.04	-0.02	0.588	0.61
	WCDMA IV	RMC12.2K	Top Side	0	1312				w/o	w/o	-	1.00	24.00	23.85	1.04	0.02	0.157	0.16
	WCDMA IV	RMC12.2K	Bottom Side	0	1312				w/o	w/o	-	1.00	24.00	23.85	1.04	0	<0.001	0.00
	WCDMA IV	RMC12.2K	Rear Face	0	1312				w/o	w/	-	1.00	16.50	16.32	1.04	0.01	0.432	0.45
4	WCDMA IV	RMC12.2K	Right Side	0	1312				w/o	w/	-	1.00	16.50	16.32	1.04	0.05	0.641	0.67
	WCDMA IV	RMC12.2K	Right Side	0	1413				w/o	w/	-	1.00	16.50	16.20	1.07	0.18	0.563	0.60
	WCDMA IV	RMC12.2K	Right Side	0	1513				w/o	w/	-	1.00	16.50	16.19	1.07	0.06	0.492	0.53
	WCDMA IV	RMC12.2K	Right Side	0	1312				w/ 20 ⁰	w/	-	1.00	16.50	16.32	1.04	-0.03	0.463	0.48
	WCDMA IV	RMC12.2K	Right Side	0	1312				w/ 70 ⁰	w/	-	1.00	16.50	16.32	1.04	0.04	0.484	0.50
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Body SAR Test Result

System & osition																			DUT & Accessory			SAR						
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	RB#	RB offset	Ant Status	DUT With Barcode Scanner	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)										
	WCDMA V	RMC12.2K	Rear Face	10	4233				w/o	w/o	-	1.00	24.00	23.86	1.03	-0.03	0.575	0.59										
	WCDMA V	RMC12.2K	Left Side	0	4233				w/o	w/o	-	1.00	24.00	23.86	1.03	0	<0.001	0.00										
	WCDMA V	RMC12.2K	Right Side	17	4233				w/o	w/o	-	1.00	24.00	23.86	1.03	0.02	0.24	0.25										
	WCDMA V	RMC12.2K	Top Side	0	4233				w/o	w/o	-	1.00	24.00	23.86	1.03	0.13	0.053	0.05										
	WCDMA V	RMC12.2K	Bottom Side	0	4233				w/o	w/o	-	1.00	24.00	23.86	1.03	0	<0.001	0.00										
	WCDMA V	RMC12.2K	Rear Face	0	4233				w/o	w/	-	1.00	21.00	20.99	1.00	0.02	0.686	0.69										
	WCDMA V	RMC12.2K	Right Side	0	4233				w/o	w/	-	1.00	21.00	20.99	1.00	0.06	0.4	0.40										
5	WCDMA V	RMC12.2K	Rear Face	0	4132				w/o	w/	-	1.00	21.00	20.93	1.02	0.02	0.718	0.73										
	WCDMA V	RMC12.2K	Rear Face	0	4182				w/o	w/	-	1.00	21.00	20.96	1.01	0.16	0.689	0.70										
	WCDMA V	RMC12.2K	Rear Face	0	4132				w/ 20 ⁰	w/	-	1.00	21.00	20.93	1.02	-0.02	0.057	0.06										
	WCDMA V	RMC12.2K	Rear Face	0	4132				w/ 70 ⁰	w/	-	1.00	21.00	20.93	1.02	0	<0.001	0.00										
	LTE 4	QPSK20M	Rear Face	10	20175	1	0		w/o	w/o	-	1.00	23.50	23.45	1.01	0.12	0.558	0.56										
	LTE 4	QPSK20M	Left Side	0	20175	1	0		w/o	w/o	-	1.00	23.50	23.45	1.01	0	<0.001	0.00										
	LTE 4	QPSK20M	Right Side	17	20175	1	0		w/o	w/o	-	1.00	23.50	23.45	1.01	0.07	0.519	0.52										
	LTE 4	QPSK20M	Top Side	0	20175	1	0		w/o	w/o	-	1.00	23.50	23.45	1.01	-0.14	0.116	0.12										
	LTE 4	QPSK20M	Bottom Side	0	20175	1	0		w/o	w/o	-	1.00	23.50	23.45	1.01	0	<0.001	0.00										
	LTE 4	QPSK20M	Rear Face	10	20175	50	0		w/o	w/o	-	1.00	22.50	22.42	1.02	-0.19	0.489	0.50										
	LTE 4	QPSK20M	Left Side	0	20175	50	0		w/o	w/o	-	1.00	22.50	22.42	1.02	0	<0.001	0.00										
	LTE 4	QPSK20M	Right Side	17	20175	50	0		w/o	w/o	-	1.00	22.50	22.42	1.02	0.04	0.55	0.56										
	LTE 4	QPSK20M	Top Side	0	20175	50	0		w/o	w/o	-	1.00	22.50	22.42	1.02	0.02	0.104	0.11										
	LTE 4	QPSK20M	Bottom Side	0	20175	50	0		w/o	w/o	-	1.00	22.50	22.42	1.02	0	<0.001	0.00										
	LTE 4	QPSK20M	Rear Face	0	20175	1	0		w/o	w/	-	1.00	17.00	16.92	1.02	-0.19	0.414	0.42										
	LTE 4	QPSK20M	Right Side	0	20175	1	0		w/o	w/	-	1.00	17.00	16.92	1.02	-0.11	0.565	0.58										
	LTE 4	QPSK20M	Rear Face	0	20050	50	50		w/o	w/	-	1.00	17.00	16.85	1.04	-0.11	0.397	0.41										
	LTE 4	QPSK20M	Right Side	0	20050	50	50		w/o	w/	-	1.00	17.00	16.85	1.04	-0.15	0.545	0.57										
	LTE 4	QPSK20M	Right Side	0	20050	1	0		w/o	w/	-	1.00	17.00	16.85	1.04	0.08	0.534	0.56										
6	LTE 4	QPSK20M	Right Side	0	20300	1	0		w/o	w/	-	1.00	17.00	16.83	1.04	0.05	0.616	0.64										
	LTE 4	QPSK20M	Right Side	0	20300	1	0		w/ 20 ⁰	w/	-	1.00	17.00	16.83	1.04	0.16	0.496	0.52										
	LTE 4	QPSK20M	Right Side	0	20300	1	0		w/ 70 ⁰	w/	-	1.00	17.00	16.83	1.04	-0.06	0.479	0.50										
	LTE 5	QPSK10M	Rear Face	10	20525	1	0		w/o	w/o	-	1.00	23.50	23.21	1.07	-0.18	0.524	0.56										
	LTE 5	QPSK10M	Left Side	0	20525	1	0		w/o	w/o	-	1.00	23.50	23.21	1.07	0	<0.001	0.00										
	LTE 5	QPSK10M	Right Side	17	20525	1	0		w/o	w/o	-	1.00	23.50	23.21	1.07	-0.13	0.209	0.22										
	LTE 5	QPSK10M	Top Side	0	20525	1	0		w/o	w/o	-	1.00	23.50	23.21	1.07	0.14	0.061	0.07										
	LTE 5	QPSK10M	Bottom Side	0	20525	1	0		w/o	w/o	-	1.00	23.50	23.21	1.07	0	<0.001	0.00										
	LTE 5	QPSK10M	Rear Face	10	20525	25	0		w/o	w/o	-	1.00	22.50	22.20	1.07	0.03	0.414	0.44										
	LTE 5	QPSK10M	Left Side	0	20525	25	0		w/o	w/o	-	1.00	22.50	22.20	1.07	0	<0.001	0.00										
	LTE 5	QPSK10M	Right Side	17	20525	25	0		w/o	w/o	-	1.00	22.50	22.20	1.07	-0.19	0.165	0.18										
	LTE 5	QPSK10M	Top Side	0	20525	25	0		w/o	w/o	-	1.00	22.50	22.20	1.07	0.02	0.051	0.05										
	LTE 5	QPSK10M	Bottom Side	0	20525	25	0		w/o	w/o	-	1.00	22.50	22.20	1.07	0	<0.001	0.00										
	LTE 5	QPSK10M	Rear Face	0	20525	1	0		w/o	w/	-	1.00	20.50	20.49	1.00	0.02	0.626	0.63										
	LTE 5	QPSK10M	Right Side	0	20525	1	0		w/o	w/	-	1.00	20.50	20.49	1.00	0.13	0.362	0.36										
	LTE 5	QPSK10M	Rear Face	0	20525	25	0		w/o	w/	-	1.00	20.50	20.48	1.00	0.06	0.621	0.62										
	LTE 5	QPSK10M	Right Side	0	20525	25	0		w/o	w/	-	1.00	20.50	20.48	1.00	0.13	0.359	0.36										
7	LTE 5	QPSK10M	Rear Face	0	20450	1	0		w/o	w/	-	1.00	20.50	20.47	1.01	0.02	0.63	0.64										
	LTE 5	QPSK10M	Rear Face	0	20600	1	0		w/o	w/	-	1.00	20.50	20.48	1.00	-0.11	0.602	0.60										
	LTE 5	QPSK10M	Rear Face	0	20450	1	0		w/ 20 ⁰	w/	-	1.00	20.50	20.47	1.01	-0.15	0.054	0.05										
	LTE 5	QPSK10M	Rear Face	0	20450	1	0		w/ 70 ⁰	w/	-	1.00	20.50	20.47	1.01	0	<0.001	0.00										

Body SAR Test Result

System & osition																		
System & osition								DUT & Accessory			SAR							
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	RB#	RB offset	Ant Status	DUT With Barcode Scanner	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)
	LTE 7	QPSK20M	Rear Face	10	21350	1	0		w/o	w/o	-	1.00	23.50	23.47	1.01	-0.07	0.621	0.63
	LTE 7	QPSK20M	Left Side	0	21350	1	0		w/o	w/o	-	1.00	23.50	23.47	1.01	0.07	<0.001	0.00
	LTE 7	QPSK20M	Right Side	17	21350	1	0		w/o	w/o	-	1.00	23.50	23.47	1.01	-0.18	0.446	0.45
	LTE 7	QPSK20M	Top Side	0	21350	1	0		w/o	w/o	-	1.00	23.50	23.47	1.01	0.1	0.274	0.28
	LTE 7	QPSK20M	Bottom Side	0	21350	1	0		w/o	w/o	-	1.00	23.50	23.47	1.01	0	<0.001	0.00
	LTE 7	QPSK20M	Rear Face	10	21350	50	0		w/o	w/o	-	1.00	22.50	22.44	1.01	0.19	0.529	0.53
	LTE 7	QPSK20M	Left Side	0	21350	50	0		w/o	w/o	-	1.00	22.50	22.44	1.01	0	<0.001	0.00
	LTE 7	QPSK20M	Right Side	17	21350	50	0		w/o	w/o	-	1.00	22.50	22.44	1.01	0.1	0.386	0.39
	LTE 7	QPSK20M	Top Side	0	21350	50	0		w/o	w/o	-	1.00	22.50	22.44	1.01	0.07	0.297	0.30
	LTE 7	QPSK20M	Bottom Side	0	21350	50	0		w/o	w/o	-	1.00	22.50	22.44	1.01	0	<0.001	0.00
	LTE 7	QPSK20M	Rear Face	0	21350	1	0		w/o	w/	-	1.00	16.00	15.94	1.01	-0.05	0.463	0.47
8	LTE 7	QPSK20M	Right Side	0	21350	1	0		w/o	w/	-	1.00	16.00	15.94	1.01	0.18	0.696	0.70
	LTE 7	QPSK20M	Rear Face	0	21350	50	0		w/o	w/	-	1.00	16.00	15.92	1.02	-0.01	0.455	0.46
	LTE 7	QPSK20M	Right Side	0	21350	50	0		w/o	w/	-	1.00	16.00	15.92	1.02	-0.17	0.561	0.57
	LTE 7	QPSK20M	Right Side	0	20850	1	0		w/o	w/	-	1.00	16.00	15.83	1.04	0.16	0.671	0.70
	LTE 7	QPSK20M	Right Side	0	21100	1	0		w/o	w/	-	1.00	16.00	15.91	1.02	0.11	0.691	0.70
	LTE 7	QPSK20M	Right Side	0	21350	1	0		w/ 20 ⁰	w/	-	1.00	16.00	15.94	1.01	0.06	0.607	0.61
	LTE 7	QPSK20M	Right Side	0	21350	1	0		w/ 70 ⁰	w/	-	1.00	16.00	15.94	1.01	-0.01	0.582	0.59
	LTE 12	QPSK10M	Rear Face	10	23095	1	0		w/o	w/o	-	1.00	23.50	23.18	1.08	0.17	0.473	0.51
	LTE 12	QPSK10M	Left Side	0	23095	1	0		w/o	w/o	-	1.00	23.50	23.18	1.08	0	<0.001	0.00
	LTE 12	QPSK10M	Right Side	17	23095	1	0		w/o	w/o	-	1.00	23.50	23.18	1.08	-0.03	0.201	0.22
	LTE 12	QPSK10M	Top Side	0	23095	1	0		w/o	w/o	-	1.00	23.50	23.18	1.08	-0.07	0.046	0.05
	LTE 12	QPSK10M	Bottom Side	0	23095	1	0		w/o	w/o	-	1.00	23.50	23.18	1.08	0	<0.001	0.00
	LTE 12	QPSK10M	Rear Face	10	23095	25	0		w/o	w/o	-	1.00	22.50	22.19	1.07	-0.18	0.396	0.42
	LTE 12	QPSK10M	Left Side	0	23095	25	0		w/o	w/o	-	1.00	22.50	22.19	1.07	0	<0.001	0.00
	LTE 12	QPSK10M	Right Side	17	23095	25	0		w/o	w/o	-	1.00	22.50	22.19	1.07	0.05	0.163	0.17
	LTE 12	QPSK10M	Top Side	0	23095	25	0		w/o	w/o	-	1.00	22.50	22.19	1.07	0.05	0.035	0.04
	LTE 12	QPSK10M	Bottom Side	0	23095	25	0		w/o	w/o	-	1.00	22.50	22.19	1.07	0	<0.001	0.00
	LTE 12	QPSK10M	Rear Face	0	23095	1	0		w/o	w/	-	1.00	20.50	20.49	1.00	0.05	0.676	0.68
	LTE 12	QPSK10M	Right Side	0	23095	1	0		w/o	w/	-	1.00	20.50	20.49	1.00	-0.07	0.54	0.54
	LTE 12	QPSK10M	Rear Face	0	23095	25	12		w/o	w/	-	1.00	20.50	20.46	1.01	-0.09	0.655	0.66
	LTE 12	QPSK10M	Right Side	0	23095	25	12		w/o	w/	-	1.00	20.50	20.46	1.01	0.18	0.527	0.53
9	LTE 12	QPSK10M	Rear Face	0	23060	1	0		w/o	w/	-	1.00	20.50	20.45	1.01	0.05	0.687	0.69
	LTE 12	QPSK10M	Rear Face	0	23130	1	0		w/o	w/	-	1.00	20.50	20.48	1.00	0.01	0.68	0.68
	LTE 12	QPSK10M	Rear Face	0	23060	1	0		w/ 20 ⁰	w/	-	1.00	20.50	20.45	1.01	-0.14	0.04	0.04
	LTE 12	QPSK10M	Rear Face	0	23060	1	0		w/ 70 ⁰	w/	-	1.00	20.50	20.45	1.01	0	<0.001	0.00

Body SAR Test Result

System & osition																		
System & osition								DUT & Accessory			SAR							
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	RB#	RB offset	Ant Status	DUT With Barcode Scanner	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)
	LTE 13	QPSK10M	Rear Face	10	23230	1	0		w/o	w/o	-	1.00	23.50	23.49	1.00	0.02	0.667	0.67
	LTE 13	QPSK10M	Left Side	0	23230	1	0		w/o	w/o	-	1.00	23.50	23.49	1.00	0	<0.001	0.00
	LTE 13	QPSK10M	Right Side	17	23230	1	0		w/o	w/o	-	1.00	23.50	23.49	1.00	-0.12	0.264	0.26
	LTE 13	QPSK10M	Top Side	0	23230	1	0		w/o	w/o	-	1.00	23.50	23.49	1.00	0.04	0.063	0.06
	LTE 13	QPSK10M	Bottom Side	0	23230	1	0		w/o	w/o	-	1.00	23.50	23.49	1.00	-0.14	<0.001	0.00
	LTE 13	QPSK10M	Rear Face	10	23230	25	12		w/o	w/o	-	1.00	22.50	22.48	1.00	-0.03	0.054	0.05
	LTE 13	QPSK10M	Left Side	0	23230	25	12		w/o	w/o	-	1.00	22.50	22.48	1.00	0	<0.001	0.00
	LTE 13	QPSK10M	Right Side	17	23230	25	12		w/o	w/o	-	1.00	22.50	22.48	1.00	-0.18	0.217	0.22
	LTE 13	QPSK10M	Top Side	0	23230	25	12		w/o	w/o	-	1.00	22.50	22.48	1.00	0.05	0.052	0.05
	LTE 13	QPSK10M	Bottom Side	0	23230	25	12		w/o	w/o	-	1.00	22.50	22.48	1.00	0	<0.001	0.00
10	LTE 13	QPSK10M	Rear Face	0	23230	1	0		w/o	w/	-	1.00	20.50	20.48	1.00	0.02	0.717	0.72
	LTE 13	QPSK10M	Right Side	0	23230	1	0		w/o	w/	-	1.00	20.50	20.48	1.00	-0.14	0.486	0.49
	LTE 13	QPSK10M	Rear Face	0	23230	25	25		w/o	w/	-	1.00	20.50	20.43	1.02	0.03	0.689	0.70
	LTE 13	QPSK10M	Right Side	0	23230	25	25		w/o	w/	-	1.00	20.50	20.43	1.02	-0.04	0.472	0.48
	LTE 13	QPSK10M	Rear Face	0	23230	1	0		w/ 20 ⁰	w/	-	1.00	20.50	20.48	1.00	0.07	0.06	0.06
	LTE 13	QPSK10M	Rear Face	0	23230	1	0		w/ 70 ⁰	w/	-	1.00	20.50	20.48	1.00	0	<0.001	0.00
	LTE 25	QPSK20M	Rear Face	10	26365	1	0		w/o	w/o	-	1.00	23.50	23.49	1.00	-0.03	0.278	0.28
	LTE 25	QPSK20M	Left Side	0	26365	1	0		w/o	w/o	-	1.00	23.50	23.49	1.00	0	<0.001	0.00
	LTE 25	QPSK20M	Right Side	17	26365	1	0		w/o	w/o	-	1.00	23.50	23.49	1.00	-0.04	0.415	0.42
	LTE 25	QPSK20M	Top Side	0	26365	1	0		w/o	w/o	-	1.00	23.50	23.49	1.00	-0.19	0.134	0.13
	LTE 25	QPSK20M	Bottom Side	0	26365	1	0		w/o	w/o	-	1.00	23.50	23.49	1.00	0	<0.001	0.00
	LTE 25	QPSK20M	Rear Face	10	26365	50	0		w/o	w/o	-	1.00	22.50	22.39	1.03	-0.19	0.208	0.21
	LTE 25	QPSK20M	Left Side	0	26365	50	0		w/o	w/o	-	1.00	22.50	22.39	1.03	0	<0.001	0.00
	LTE 25	QPSK20M	Right Side	17	26365	50	0		w/o	w/o	-	1.00	22.50	22.39	1.03	0.01	0.307	0.32
	LTE 25	QPSK20M	Top Side	0	26365	50	0		w/o	w/o	-	1.00	22.50	22.39	1.03	-0.19	0.095	0.10
	LTE 25	QPSK20M	Bottom Side	0	26365	50	0		w/o	w/o	-	1.00	22.50	22.39	1.03	0	<0.001	0.00
	LTE 25	QPSK20M	Rear Face	0	26365	1	0		w/o	w/	-	1.00	18.00	17.98	1.00	-0.08	0.38	0.38
	LTE 25	QPSK20M	Right Side	0	26365	1	0		w/o	w/	-	1.00	18.00	17.98	1.00	-0.13	0.679	0.68
	LTE 25	QPSK20M	Rear Face	0	26365	50	0		w/o	w/	-	1.00	18.00	17.87	1.03	0.03	0.359	0.37
	LTE 25	QPSK20M	Right Side	0	26365	50	0		w/o	w/	-	1.00	18.00	17.87	1.03	-0.19	0.632	0.65
11	LTE 25	QPSK20M	Right Side	0	26140	1	0		w/o	w/	-	1.00	18.00	17.92	1.02	-0.02	0.745	0.76
	LTE 25	QPSK20M	Right Side	0	26590	1	0		w/o	w/	-	1.00	18.00	17.90	1.02	0.11	0.563	0.57
	LTE 25	QPSK20M	Right Side	0	26140	1	0		w/ 20 ⁰	w/	-	1.00	18.00	17.92	1.02	0.03	0.618	0.63
	LTE 25	QPSK20M	Right Side	0	26140	1	0		w/ 70 ⁰	w/	-	1.00	18.00	17.92	1.02	-0.17	0.591	0.60

Body SAR Test Result

System & osition																		
System & osition								DUT & Accessory			SAR							
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	RB#	RB offset	Ant Status	DUT With Barcode Scanner	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)
	LTE 26	QPSK15M	Rear Face	10	26965	1	0		w/o	w/o	-	1.00	23.50	23.31	1.04	-0.18	0.525	0.55
	LTE 26	QPSK15M	Left Side	0	26965	1	0		w/o	w/o	-	1.00	23.50	23.31	1.04	0	<0.001	0.00
	LTE 26	QPSK15M	Right Side	17	26965	1	0		w/o	w/o	-	1.00	23.50	23.31	1.04	-0.15	0.21	0.22
	LTE 26	QPSK15M	Top Side	0	26965	1	0		w/o	w/o	-	1.00	23.50	23.31	1.04	-0.06	0.065	0.07
	LTE 26	QPSK15M	Bottom Side	0	26965	1	0		w/o	w/o	-	1.00	23.50	23.31	1.04	0	<0.001	0.00
	LTE 26	QPSK15M	Rear Face	10	26965	36	0		w/o	w/o	-	1.00	22.50	22.36	1.03	0.17	0.416	0.43
	LTE 26	QPSK15M	Left Side	0	26965	36	0		w/o	w/o	-	1.00	22.50	22.36	1.03	0	<0.001	0.00
	LTE 26	QPSK15M	Right Side	17	26965	36	0		w/o	w/o	-	1.00	22.50	22.36	1.03	0.17	0.164	0.17
	LTE 26	QPSK15M	Top Side	0	26965	36	0		w/o	w/o	-	1.00	22.50	22.36	1.03	0.08	0.052	0.05
	LTE 26	QPSK15M	Bottom Side	0	26965	36	0		w/o	w/o	-	1.00	22.50	22.36	1.03	0	<0.001	0.00
	LTE 26	QPSK15M	Rear Face	0	26965	1	0		w/o	w/	-	1.00	20.50	20.48	1.00	0.07	0.608	0.61
	LTE 26	QPSK15M	Right Side	0	26965	1	0		w/o	w/	-	1.00	20.50	20.48	1.00	-0.03	0.35	0.35
	LTE 26	QPSK15M	Rear Face	0	26965	36	39		w/o	w/	-	1.00	20.50	20.47	1.01	-0.11	0.589	0.59
	LTE 26	QPSK15M	Right Side	0	26965	36	39		w/o	w/	-	1.00	20.50	20.47	1.01	-0.02	0.338	0.34
12	LTE 26	QPSK15M	Rear Face	0	26765	1	0		w/o	w/	-	1.00	20.50	20.44	1.01	0.07	0.65	0.66
	LTE 26	QPSK15M	Rear Face	0	26865	1	0		w/o	w/	-	1.00	20.50	20.47	1.01	0.15	0.628	0.63
	LTE 26	QPSK15M	Rear Face	0	26765	1	0		w/ 20 ⁰	w/	-	1.00	20.50	20.44	1.01	-0.19	0.055	0.06
	LTE 26	QPSK15M	Rear Face	0	26765	1	0		w/ 70 ⁰	w/	-	1.00	20.50	20.44	1.01	0	<0.001	0.00
	LTE 38	QPSK20M	Rear Face	10	38150	1	0		w/o	w/o	-	1.00	24.00	23.81	1.04	-0.19	0.621	0.65
	LTE 38	QPSK20M	Left Side	0	38150	1	0		w/o	w/o	-	1.00	24.00	23.81	1.04	0	<0.001	0.00
	LTE 38	QPSK20M	Right Side	17	38150	1	0		w/o	w/o	-	1.00	24.00	23.81	1.04	0.17	0.47	0.49
	LTE 38	QPSK20M	Top Side	0	38150	1	0		w/o	w/o	-	1.00	24.00	23.81	1.04	0.12	0.36	0.37
	LTE 38	QPSK20M	Bottom Side	0	38150	1	0		w/o	w/o	-	1.00	24.00	23.81	1.04	0	<0.001	0.00
	LTE 38	QPSK20M	Rear Face	10	38150	50	0		w/o	w/o	-	1.00	23.00	22.83	1.04	-0.04	0.514	0.53
	LTE 38	QPSK20M	Left Side	0	38150	50	0		w/o	w/o	-	1.00	23.00	22.83	1.04	0	<0.001	0.00
	LTE 38	QPSK20M	Right Side	17	38150	50	0		w/o	w/o	-	1.00	23.00	22.83	1.04	-0.09	0.39	0.41
	LTE 38	QPSK20M	Top Side	0	38150	50	0		w/o	w/o	-	1.00	23.00	22.83	1.04	-0.01	0.314	0.33
	LTE 38	QPSK20M	Bottom Side	0	38150	50	0		w/o	w/o	-	1.00	23.00	22.83	1.04	0	<0.001	0.00
	LTE 38	QPSK20M	Rear Face	0	38150	1	0		w/o	w/	-	1.00	17.00	16.89	1.03	-0.07	0.541	0.56
13	LTE 38	QPSK20M	Right Side	0	38150	1	0		w/o	w/	-	1.00	17.00	16.89	1.03	0.17	0.668	0.69
	LTE 38	QPSK20M	Rear Face	0	38150	50	25		w/o	w/	-	1.00	17.00	16.86	1.03	-0.1	0.522	0.54
	LTE 38	QPSK20M	Right Side	0	38150	50	25		w/o	w/	-	1.00	17.00	16.86	1.03	-0.05	0.643	0.66
	LTE 38	QPSK20M	Right Side	0	37850	1	99		w/o	w/	-	1.00	17.00	16.77	1.05	-0.04	0.56	0.59
	LTE 38	QPSK20M	Right Side	0	38000	1	0		w/o	w/	-	1.00	17.00	16.77	1.05	-0.1	0.592	0.62
	LTE 38	QPSK20M	Right Side	0	38150	1	0		w/ 20 ⁰	w/	-	1.00	17.00	16.89	1.03	-0.09	0.476	0.49
	LTE 38	QPSK20M	Right Side	0	38150	1	0		w/ 70 ⁰	w/	-	1.00	17.00	16.89	1.03	-0.01	0.446	0.46

Body SAR Test Result

System & osition																		
System & osition								DUT & Accessory			SAR							
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	RB#	RB offset	Ant Status	DUT With Barcode Scanner	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)
	LTE 41	QPSK20M	Rear Face	10	40620	1	0		w/o	w/o	-	1.00	24.00	23.71	1.07	0.12	0.621	0.66
	LTE 41	QPSK20M	Left Side	0	40620	1	0		w/o	w/o	-	1.00	24.00	23.71	1.07	0	<0.001	0.00
	LTE 41	QPSK20M	Right Side	17	40620	1	0		w/o	w/o	-	1.00	24.00	23.71	1.07	-0.1	0.63	0.67
	LTE 41	QPSK20M	Top Side	0	40620	1	0		w/o	w/o	-	1.00	24.00	23.71	1.07	-0.03	0.35	0.37
	LTE 41	QPSK20M	Bottom Side	0	40620	1	0		w/o	w/o	-	1.00	24.00	23.71	1.07	0	<0.001	0.00
	LTE 41	QPSK20M	Rear Face	10	40620	50	0		w/o	w/o	-	1.00	23.00	22.73	1.06	0.11	0.498	0.53
	LTE 41	QPSK20M	Left Side	0	40620	50	0		w/o	w/o	-	1.00	23.00	22.73	1.06	0	<0.001	0.00
	LTE 41	QPSK20M	Right Side	17	40620	50	0		w/o	w/o	-	1.00	23.00	22.73	1.06	-0.16	0.386	0.41
	LTE 41	QPSK20M	Top Side	0	40620	50	0		w/o	w/o	-	1.00	23.00	22.73	1.06	-0.03	0.275	0.29
	LTE 41	QPSK20M	Bottom Side	0	40620	50	0		w/o	w/o	-	1.00	23.00	22.73	1.06	0	<0.001	0.00
	LTE 41	QPSK20M	Rear Face	0	41490	1	0		w/o	w/	-	1.00	16.00	15.98	1.00	-0.12	0.322	0.32
	LTE 41	QPSK20M	Right Side	0	41490	1	0		w/o	w/	-	1.00	16.00	15.98	1.00	0.07	0.402	0.40
	LTE 41	QPSK20M	Rear Face	0	40620	50	0		w/o	w/	-	1.00	16.00	14.93	1.28	0.1	0.317	0.41
	LTE 41	QPSK20M	Right Side	0	40620	50	0		w/o	w/	-	1.00	16.00	14.93	1.28	0.14	0.399	0.51
	LTE 41	QPSK20M	Right Side	17	39750	1	0		w/o	w/o	-	1.00	24.00	23.41	1.15	-0.12	0.212	0.24
	LTE 41	QPSK20M	Right Side	17	40185	1	0		w/o	w/o	-	1.00	24.00	23.44	1.14	-0.05	0.308	0.35
	LTE 41	QPSK20M	Right Side	17	41055	1	0		w/o	w/o	-	1.00	24.00	23.47	1.13	0.04	0.45	0.51
15	LTE 41	QPSK20M	Right Side	17	41490	1	0		w/o	w/o	-	1.00	24.00	23.60	1.10	-0.11	0.759	0.83
	LTE 41	QPSK20M	Right Side	17	41490	1	0		w/ 20 ⁰	w/o	-	1.00	24.00	23.60	1.10	0.08	0.482	0.53
	LTE 41	QPSK20M	Right Side	17	41490	1	0		w/ 70 ⁰	w/o	-	1.00	24.00	23.60	1.10	-0.07	0.562	0.62
	WLAN2.4G	802.11b	Rear Face	0	1			Ant 0	w/o		99.00	1.01	16.00	15.96	1.01	-0.08	0.359	0.37
	WLAN2.4G	802.11b	Left Side	0	1			Ant 0	w/o		99.00	1.01	16.00	15.96	1.01	0	<0.001	0.00
	WLAN2.4G	802.11b	Right Side	0	1			Ant 0	w/o		99.00	1.01	16.00	15.96	1.01	0	<0.001	0.00
	WLAN2.4G	802.11b	Top Side	0	1			Ant 0	w/o		99.00	1.01	16.00	15.96	1.01	-0.14	0.37	0.38
	WLAN2.4G	802.11b	Bottom Side	0	1			Ant 0	w/o		99.00	1.01	16.00	15.96	1.01	0	<0.001	0.00
	WLAN2.4G	802.11b	Rear Face	0	1			Ant 1	w/o		99.00	1.01	16.00	15.92	1.02	-0.05	0.227	0.23
	WLAN2.4G	802.11b	Left Side	0	1			Ant 1	w/o		99.00	1.01	16.00	15.92	1.02	0.09	0.056	0.06
	WLAN2.4G	802.11b	Right Side	0	1			Ant 1	w/o		99.00	1.01	16.00	15.92	1.02	0	<0.001	0.00
	WLAN2.4G	802.11b	Top Side	0	1			Ant 1	w/o		99.00	1.01	16.00	15.92	1.02	0	<0.001	0.00
	WLAN2.4G	802.11b	Bottom Side	0	1			Ant 1	w/o		99.00	1.01	16.00	15.92	1.02	0.04	0.275	0.28
	WLAN2.4G	802.11b	Rear Face	0	1			Ant 0+1	w/o		99.00	1.01	19.00	18.40	1.15	0.16	0.33	0.38
	WLAN2.4G	802.11b	Left Side	0	1			Ant 0+1	w/o		99.00	1.01	19.00	18.40	1.15	0	<0.001	0.00
	WLAN2.4G	802.11b	Right Side	0	1			Ant 0+1	w/o		99.00	1.01	19.00	18.40	1.15	0	<0.001	0.00
	WLAN2.4G	802.11b	Top Side	0	1			Ant 0+1	w/o		99.00	1.01	19.00	18.40	1.15	0.09	0.311	0.36
	WLAN2.4G	802.11b	Bottom Side	0	1			Ant 0+1	w/o		99.00	1.01	19.00	18.40	1.15	0.04	0.293	0.34
	WLAN2.4G	802.11b	Rear Face	0	6			Ant 0+1	w/o		99.00	1.01	19.00	18.19	1.21	0.09	0.327	0.40
16	WLAN2.4G	802.11b	Rear Face	0	11			Ant 0+1	w/o		99.00	1.01	19.00	18.31	1.17	0.18	0.372	0.44
	WLAN2.4G	802.11b	Rear Face	0	11			Ant 0+1	w/ 20 ⁰		99.00	1.01	19.00	18.31	1.17	0.02	0.128	0.15
	WLAN2.4G	802.11b	Rear Face	0	11			Ant 0+1	w/ 70 ⁰		99.00	1.01	19.00	18.31	1.17	-0.18	0.121	0.14

Body SAR Test Result

System & osition																		
System & osition								DUT & Accessory			SAR							
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	RB#	RB offset	Ant Status	DUT With Barcode Scanner	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 VHT80	Rear Face	0	58			Ant 0	w/o		86.00	1.16	12.50	12.40	1.02	-0.13	0.294	0.35
	WLAN5.3G	802.11ac VHT80	Left Side	0	58			Ant 0	w/o		86.00	1.16	12.50	12.40	1.02	0	<0.001	0.00
	WLAN5.3G	802.11ac VHT80	Right Side	0	58			Ant 0	w/o		86.00	1.16	12.50	12.40	1.02	0	<0.001	0.00
	WLAN5.3G	802.11ac VHT80	Top Side	0	58			Ant 0	w/o		86.00	1.16	12.50	12.40	1.02	0.03	0.849	1.00
	WLAN5.3G	802.11ac VHT80	Bottom Side	0	58			Ant 0	w/o		86.00	1.16	12.50	12.40	1.02	0	<0.001	0.00
	WLAN5.3G	802.11ac VHT80	Rear Face	0	58			Ant 1	w/o		86.00	1.16	12.50	12.44	1.01	-0.06	0.234	0.27
	WLAN5.3G	802.11ac VHT80	Left Side	0	58			Ant 1	w/o		86.00	1.16	12.50	12.44	1.01	0	<0.001	0.00
	WLAN5.3G	802.11ac VHT80	Right Side	0	58			Ant 1	w/o		86.00	1.16	12.50	12.44	1.01	0	<0.001	0.00
	WLAN5.3G	802.11ac VHT80	Top Side	0	58			Ant 1	w/o		86.00	1.16	12.50	12.44	1.01	0	<0.001	0.00
	WLAN5.3G	802.11ac VHT80	Bottom Side	0	58			Ant 1	w/o		86.00	1.16	12.50	12.44	1.01	0.05	0.375	0.44
	WLAN5.3G	802.11ac VHT80	Rear Face	0	58			Ant 0+1	w/o		86.00	1.16	15.50	15.16	1.08	-0.05	0.297	0.37
	WLAN5.3G	802.11ac VHT80	Left Side	0	58			Ant 0+1	w/o		86.00	1.16	15.50	15.16	1.08	0	<0.001	0.00
	WLAN5.3G	802.11ac VHT80	Right Side	0	58			Ant 0+1	w/o		86.00	1.16	15.50	15.16	1.08	0	<0.001	0.00
17	WLAN5.3G	802.11ac VHT80	Top Side	0	58			Ant 0+1	w/o		86.00	1.16	15.50	15.16	1.08	-0.16	0.851	1.07
	WLAN5.3G	802.11ac VHT80	Bottom Side	0	58			Ant 0+1	w/o		86.00	1.16	15.50	15.16	1.08	0.12	0.36	0.45
	WLAN5.3G	802.11ac VHT80	Top Side	0	58			Ant 0+1	w/ 20 ⁰		86.00	1.16	15.50	15.16	1.08	0.06	0.471	0.59
	WLAN5.3G	802.11ac VHT80	Top Side	0	58			Ant 0+1	w/ 70 ⁰		86.00	1.16	15.50	15.16	1.08	0.09	0.473	0.59
	WLAN5.3G	802.11ac VHT80	Top Side	0	58			Ant 0+1	w/o		86.00	1.16	15.50	15.16	1.08	-0.16	0.847	1.06
	WLAN5.6G	802.11ac VHT80	Rear Face	0	106			Ant 0	w/o		86.00	1.16	12.50	12.43	1.02	0.08	0.239	0.28
	WLAN5.6G	802.11ac VHT80	Left Side	0	106			Ant 0	w/o		86.00	1.16	12.50	12.43	1.02	0	<0.001	0.00
	WLAN5.6G	802.11ac VHT80	Right Side	0	106			Ant 0	w/o		86.00	1.16	12.50	12.43	1.02	0	<0.001	0.00
18	WLAN5.6G	802.11ac VHT80	Top Side	0	106			Ant 0	w/o		86.00	1.16	12.50	12.43	1.02	-0.16	0.803	0.95
	WLAN5.6G	802.11ac VHT80	Bottom Side	0	106			Ant 0	w/o		86.00	1.16	12.50	12.43	1.02	0	<0.001	0.00
	WLAN5.6G	802.11ac VHT80	Rear Face	0	106			Ant 1	w/o		86.00	1.16	12.50	12.43	1.02	-0.11	0.329	0.39
	WLAN5.6G	802.11ac VHT80	Left Side	0	106			Ant 1	w/o		86.00	1.16	12.50	12.43	1.02	0	<0.001	0.00
	WLAN5.6G	802.11ac VHT80	Right Side	0	106			Ant 1	w/o		86.00	1.16	12.50	12.43	1.02	0	<0.001	0.00
	WLAN5.6G	802.11ac VHT80	Top Side	0	106			Ant 1	w/o		86.00	1.16	12.50	12.43	1.02	0	<0.001	0.00
	WLAN5.6G	802.11ac VHT80	Bottom Side	0	106			Ant 1	w/o		86.00	1.16	12.50	12.43	1.02	0.13	0.372	0.44
	WLAN5.6G	802.11ac VHT80	Rear Face	0	106			Ant 0+1	w/o		86.00	1.16	15.50	14.62	1.22	0.1	0.356	0.50
	WLAN5.6G	802.11ac VHT80	Left Side	0	106			Ant 0+1	w/o		86.00	1.16	15.50	14.62	1.22	0	<0.001	0.00
	WLAN5.6G	802.11ac VHT80	Right Side	0	106			Ant 0+1	w/o		86.00	1.16	15.50	14.62	1.22	0	<0.001	0.00
	WLAN5.6G	802.11ac VHT80	Top Side	0	106			Ant 0+1	w/o		86.00	1.16	15.50	14.62	1.22	0.1	0.665	0.94
	WLAN5.6G	802.11ac VHT80	Bottom Side	0	106			Ant 0+1	w/o		86.00	1.16	15.50	14.62	1.22	0.05	0.361	0.51
	WLAN5.6G	802.11ac VHT80	Top Side	0	122			Ant 0	w/o		86.00	1.16	12.50	12.15	1.08	0.09	0.716	0.90
	WLAN5.6G	802.11ac VHT80	Top Side	0	122			Ant 0+1	w/o		86.00	1.16	15.50	15.29	1.05	0.11	0.711	0.87
	WLAN5.6G	802.11ac VHT80	Top Side	0	106			Ant 0	w/ 20 ⁰		86.00	1.16	12.50	12.43	1.02	0.12	0.343	0.41
	WLAN5.6G	802.11ac VHT80	Top Side	0	106			Ant 0	w/ 70 ⁰		86.00	1.16	12.50	12.43	1.02	0.18	0.348	0.41
	WLAN5.6G	802.11ac VHT80	Top Side	0	106			Ant 0	w/o		86.00	1.16	12.50	12.43	1.02	-0.16	0.801	0.95

Body SAR Test Result

System & osition																		
System & osition								DUT & Accessory			SAR							
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	RB#	RB offset	Ant Status	DUT With Barcode Scanner	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)
	WLAN5.8G	802.11n HT40	Rear Face	0	159			Ant 0	w/o		91.90	1.09	12.50	12.49	1.00	0.16	0.256	0.28
	WLAN5.8G	802.11n HT40	Left Side	0	159			Ant 0	w/o		91.90	1.09	12.50	12.49	1.00	0	<0.001	0.00
	WLAN5.8G	802.11n HT40	Right Side	0	159			Ant 0	w/o		91.90	1.09	12.50	12.49	1.00	0	<0.001	0.00
	WLAN5.8G	802.11n HT40	Top Side	0	159			Ant 0	w/o		91.90	1.09	12.50	12.49	1.00	0.03	0.921	1.00
	WLAN5.8G	802.11n HT40	Bottom Side	0	159			Ant 0	w/o		91.90	1.09	12.50	12.49	1.00	0	<0.001	0.00
	WLAN5.8G	802.11n HT40	Rear Face	0	159			Ant 1	w/o		92.70	1.08	12.50	12.49	1.00	-0.08	0.476	0.51
	WLAN5.8G	802.11n HT40	Left Side	0	159			Ant 1	w/o		92.70	1.08	12.50	12.49	1.00	0	<0.001	0.00
	WLAN5.8G	802.11n HT40	Right Side	0	159			Ant 1	w/o		92.70	1.08	12.50	12.49	1.00	0	<0.001	0.00
	WLAN5.8G	802.11n HT40	Top Side	0	159			Ant 1	w/o		92.70	1.08	12.50	12.49	1.00	0	<0.001	0.00
	WLAN5.8G	802.11n HT40	Bottom Side	0	159			Ant 1	w/o		92.70	1.08	12.50	12.49	1.00	0.01	0.512	0.55
	WLAN5.8G	802.11n HT40	Rear Face	0	159			Ant 0+1	w/o		90.90	1.10	15.50	15.49	1.00	-0.06	0.531	0.58
	WLAN5.8G	802.11n HT40	Left Side	0	159			Ant 0+1	w/o		90.90	1.10	15.50	15.49	1.00	0	<0.001	0.00
	WLAN5.8G	802.11n HT40	Right Side	0	159			Ant 0+1	w/o		90.90	1.10	15.50	15.49	1.00	0	<0.001	0.00
19	WLAN5.8G	802.11n HT40	Top Side	0	159			Ant 0+1	w/o		90.90	1.10	15.50	15.49	1.00	-0.16	1.01	1.11
	WLAN5.8G	802.11n HT40	Bottom Side	0	159			Ant 0+1	w/o		90.90	1.10	15.50	15.49	1.00	-0.14	0.577	0.63
	WLAN5.8G	802.11n HT40	Top Side	0	151			Ant 0	w/o		91.90	1.09	12.50	12.47	1.01	0.07	0.91	1.00
	WLAN5.8G	802.11n HT40	Top Side	0	151			Ant 0+1	w/o		90.90	1.10	15.50	15.29	1.05	0.12	0.88	1.02
	WLAN5.8G	802.11n HT40	Top Side	0	159			Ant 0+1	w/ 20 ⁰		90.90	1.10	15.50	15.49	1.00	0.08	0.375	0.41
	WLAN5.8G	802.11n HT40	Top Side	0	159			Ant 0+1	w/ 70 ⁰		90.90	1.10	15.50	15.49	1.00	0.16	0.392	0.43
	WLAN5.8G	802.11n HT40	Top Side	0	159			Ant 0+1	w/o		90.90	1.10	15.50	15.49	1.00	-0.16	0.997	1.10
20	BT	BR / EDR	Rear Face	0	78			Ant 0	w/o		77.07	1.30	6.50	6.29	1.05	-0.09	0.077	0.11
	BT	BR / EDR	Left Side	0	78			Ant 0	w/o		77.07	1.30	6.50	6.29	1.05	0	<0.001	0.00
	BT	BR / EDR	Right Side	0	78			Ant 0	w/o		77.07	1.30	6.50	6.29	1.05	0	<0.001	0.00
	BT	BR / EDR	Top Side	0	78			Ant 0	w/o		77.07	1.30	6.50	6.29	1.05	-0.1	0.075	0.10
	BT	BR / EDR	Bottom Side	0	78			Ant 0	w/o		77.07	1.30	6.50	6.29	1.05	0	<0.001	0.00
	BT	BR / EDR	Rear Face	0	0			Ant 0	w/o		77.07	1.30	6.50	4.89	1.45	-0.19	0.054	0.10
	BT	BR / EDR	Rear Face	0	39			Ant 0	w/o		77.07	1.30	6.50	5.56	1.24	0.03	0.065	0.10
	BT	BR / EDR	Rear Face	0	78			Ant 0	w/ 20 ⁰		77.07	1.30	6.50	6.29	1.05	0	<0.001	0.00
	BT	BR / EDR	Rear Face	0	78			Ant 0	w/ 70 ⁰		77.07	1.30	6.50	6.29	1.05	0	<0.001	0.00

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
R17	WLAN5.3G	802.11ac VHT80	Top Side	58	0.851	0.847	1.00
R18	WLAN5.6G	802.11ac VHT80	Top Side	106	0.803	0.801	1.00
R19	WLAN5.8G	802.11n HT40	Top Side	159	1.01	0.997	1.01

Annex H. Analysis of Simultaneous Transmission SAR.

The analysis of simultaneous transmission SAR are shown as below.

<Possibilities of Simultaneous Transmission>

The simultaneous transmission possibilities for this device are listed as

Simultaneous TX Combination	Capable Transmit Configurations
A	WWAN + WLAN 2.4G + BT
B	WWAN + WLAN 5G + BT
Notes	1. The WLAN 2.4G and WLAN 5G cannot transmit simultaneously.

Simultaneous Transmission SAR Evaluation

Band	Position	1	2	3	4	A(1+2+4)	B(1+3+4)
		Max WWAN	Max WLAN 2.4GHz	Max WLAN 5GHz	MAX BT	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		
GSM850	Rear Face	0.73	0.44	0.58	0.11	1.28	1.42
	Left Side	0.00	0.06	0.00	0.00	0.06	0.00
	Right Side	0.23	0.00	0.00	0.00	0.23	0.23
	Top Side	0.08	0.38	1.11	0.10	0.56	1.29
	Bottom Side	0.12	0.34	0.63	0.00	0.46	0.75
GSM1900	Rear Face	0.40	0.44	0.58	0.11	0.95	1.09
	Left Side	0.00	0.06	0.00	0.00	0.06	0.00
	Right Side	0.81	0.00	0.00	0.00	0.81	0.81
	Top Side	0.08	0.38	1.11	0.10	0.56	1.29
	Bottom Side	0.75	0.34	0.63	0.00	1.09	1.38
WCDMA II	Rear Face	0.32	0.44	0.58	0.11	0.87	1.01
	Left Side	0.00	0.06	0.00	0.00	0.06	0.00
	Right Side	0.62	0.00	0.00	0.00	0.62	0.62
	Top Side	0.16	0.38	1.11	0.10	0.64	1.37
	Bottom Side	0.00	0.34	0.63	0.00	0.34	0.63
WCDMA IV	Rear Face	0.61	0.44	0.58	0.11	1.16	1.30
	Left Side	0.00	0.06	0.00	0.00	0.06	0.00
	Right Side	0.67	0.00	0.00	0.00	0.67	0.67
	Top Side	0.16	0.38	1.11	0.10	0.64	1.37
	Bottom Side	0.00	0.34	0.63	0.00	0.34	0.63
WCDMA V	Rear Face	0.73	0.44	0.58	0.11	1.28	1.42
	Left Side	0.00	0.06	0.00	0.00	0.06	0.00
	Right Side	0.40	0.00	0.00	0.00	0.40	0.40
	Top Side	0.05	0.38	1.11	0.10	0.53	1.26
	Bottom Side	0.00	0.34	0.63	0.00	0.34	0.63
LTE 4	Rear Face	0.56	0.44	0.58	0.11	1.11	1.25
	Left Side	0.00	0.06	0.00	0.00	0.06	0.00
	Right Side	0.64	0.00	0.00	0.00	0.64	0.64
	Top Side	0.12	0.38	1.11	0.10	0.60	1.33
	Bottom Side	0.00	0.34	0.63	0.00	0.34	0.63
LTE 5	Rear Face	0.64	0.44	0.58	0.11	1.19	1.33
	Left Side	0.00	0.06	0.00	0.00	0.06	0.00
	Right Side	0.36	0.00	0.00	0.00	0.36	0.36
	Top Side	0.07	0.38	1.11	0.10	0.55	1.28
	Bottom Side	0.00	0.34	0.63	0.00	0.34	0.63

Simultaneous Transmission SAR Evaluation

Band	Position	1	2	3	4	A(1+2+4)	B(1+3+4)
		Max WWAN	Max WLAN 2.4GHz	Max WLAN 5GHz	MAX BT	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		
LTE 7	Rear Face	0.63	0.44	0.58	0.11	1.18	1.32
	Left Side	0.00	0.06	0.00	0.00	0.06	0.00
	Right Side	0.70	0.00	0.00	0.00	0.70	0.70
	Top Side	0.30	0.38	1.11	0.10	0.78	1.51
	Bottom Side	0.00	0.34	0.63	0.00	0.34	0.63
LTE 12	Rear Face	0.69	0.44	0.58	0.11	1.24	1.38
	Left Side	0.00	0.06	0.00	0.00	0.06	0.00
	Right Side	0.54	0.00	0.00	0.00	0.54	0.54
	Top Side	0.05	0.38	1.11	0.10	0.53	1.26
	Bottom Side	0.00	0.34	0.63	0.00	0.34	0.63
LTE 13	Rear Face	0.72	0.44	0.58	0.11	1.27	1.41
	Left Side	0.00	0.06	0.00	0.00	0.06	0.00
	Right Side	0.49	0.00	0.00	0.00	0.49	0.49
	Top Side	0.06	0.38	1.11	0.10	0.54	1.27
	Bottom Side	0.00	0.34	0.63	0.00	0.34	0.63
LTE 25	Rear Face	0.38	0.44	0.58	0.11	0.93	1.07
	Left Side	0.00	0.06	0.00	0.00	0.06	0.00
	Right Side	0.76	0.00	0.00	0.00	0.76	0.76
	Top Side	0.13	0.38	1.11	0.10	0.61	1.34
	Bottom Side	0.00	0.34	0.63	0.00	0.34	0.63
LTE 26	Rear Face	0.66	0.44	0.58	0.11	1.21	1.35
	Left Side	0.00	0.06	0.00	0.00	0.06	0.00
	Right Side	0.35	0.00	0.00	0.00	0.35	0.35
	Top Side	0.07	0.38	1.11	0.10	0.55	1.28
	Bottom Side	0.00	0.34	0.63	0.00	0.34	0.63
LTE 38	Rear Face	0.65	0.44	0.58	0.11	1.20	1.34
	Left Side	0.00	0.06	0.00	0.00	0.06	0.00
	Right Side	0.69	0.00	0.00	0.00	0.69	0.69
	Top Side	0.37	0.38	1.11	0.10	0.85	1.58
	Bottom Side	0.00	0.34	0.63	0.00	0.34	0.63
LTE 41	Rear Face	0.66	0.44	0.58	0.11	1.21	1.35
	Left Side	0.00	0.06	0.00	0.00	0.06	0.00
	Right Side	0.83	0.00	0.00	0.00	0.83	0.83
	Top Side	0.37	0.38	1.11	0.10	0.85	1.58
	Bottom Side	0.00	0.34	0.63	0.00	0.34	0.63

Annex I. SAR to Peak Location Separation Ratio Analysis.

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

Annex J. Calibration of Test Equipment List

Calibration of Test Equipment List are shown as below.

Equipment for SAR Test

Equipment	Manufacturer	Model	SN	Cal. Date	Cal. Interval
System Validation Dipole	SPEAG	D750V3	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	D2450V2	835	Jun. 22, 2021	1 Year
System Validation Dipole	SPEAG	D2600V2	1077	Apr. 15, 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	7472	Jun. 03, 2021	1 Year
Dosimetric E-Field Probe	SPEAG	EX3DV4	3820	Jul. 28, 2021	1 Year
Dosimetric E-Field Probe	SPEAG	EX3DV4	3887	Oct. 22, 2020	1 Year
Data Acquisition Electronics	SPEAG	DAE3	579	Jun. 02, 2021	1 Year
Data Acquisition Electronics	SPEAG	DAE4	861	Apr. 14, 2021	1 Year
Data Acquisition Electronics	SPEAG	DAE4	1305	Apr. 09, 2021	1 Year
Data Acquisition Electronics	SPEAG	DAE4	1431	Mar. 24, 2021	1 Year
Universal Radio Communication Tester	Anritsu	MT8821C	6261786083	Aug. 06, 2021	1 Year
Spectrum Analyzer	R&S	FSL6	102006	Apr. 06, 2021	1 Year
Universal Wireless Test Set	Anritsu	MT8870A/MU887000A	6201699387	Sep. 28, 2020	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

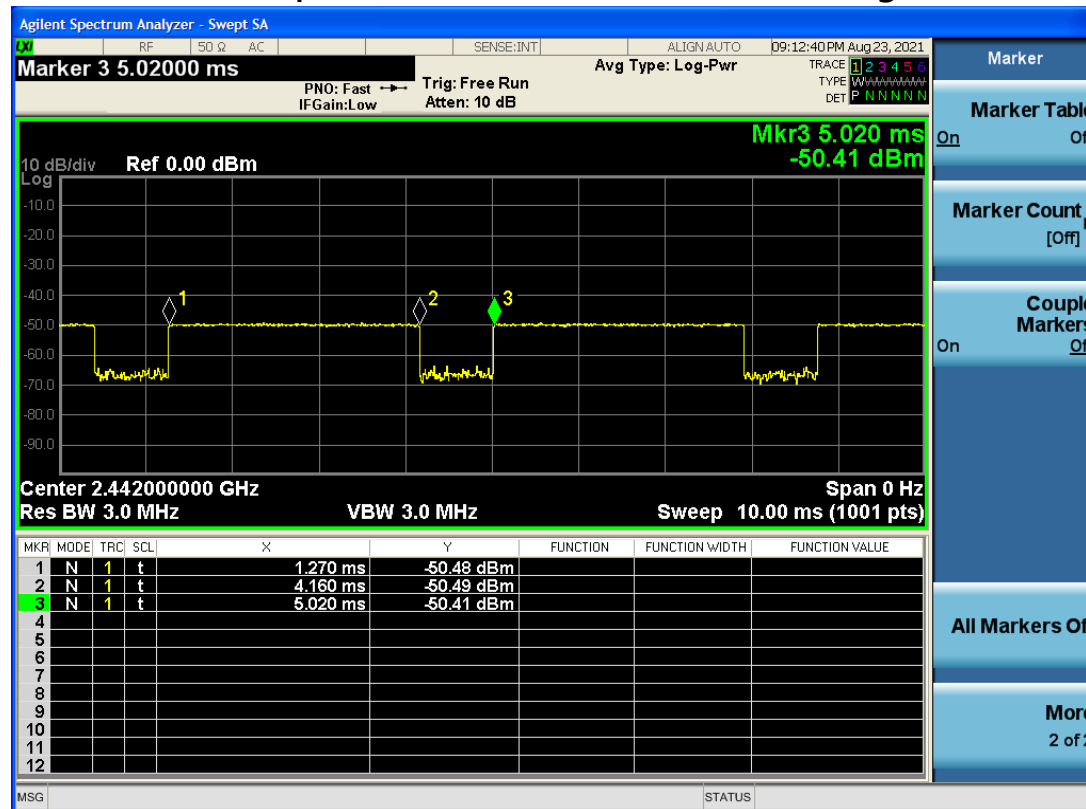
Annex K. Considerations Related to Bluetooth for Setup and Testing

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.

$$\text{Duty Factor} = \text{Pulse Width} / \text{Total Period} = (4.16 - 1.27) / (5.02 - 1.27) = 77.07\%$$