

### Appendix A. Plots of System Verification

The plots for system verification are shown as follows.

## Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/09/13

### S01 System Check\_H1900\_220913

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

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

Medium: H16T20N1\_0913 Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.438$  S/m;  $\epsilon_r = 38.651$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7537; ConvF(8.24, 8.24, 8.24) @ 1900 MHz; Calibrated: 2022/04/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2022/04/21
- 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) = 3.15 W/kg

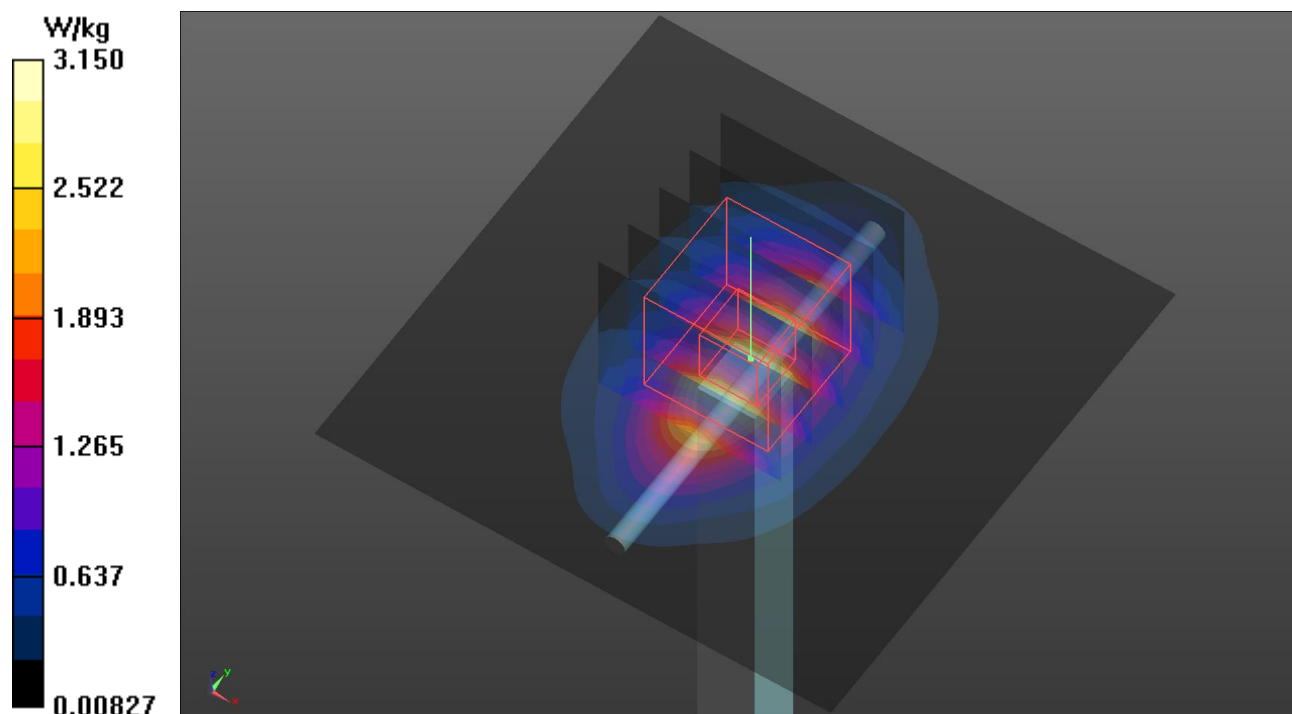
**Pin=50mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

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

Peak SAR (extrapolated) = 3.74 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) = 3.14 W/kg



## Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/09/13

### S02 System Check\_H1750\_220913

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

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

Medium: H16T20N1\_0913 Medium parameters used:  $f = 1750$  MHz;  $\sigma = 1.337$  S/m;  $\epsilon_r = 38.793$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7537; ConvF(8.57, 8.57, 8.57) @ 1750 MHz; Calibrated: 2022/04/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2022/04/21
- 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) = 2.67 W/kg

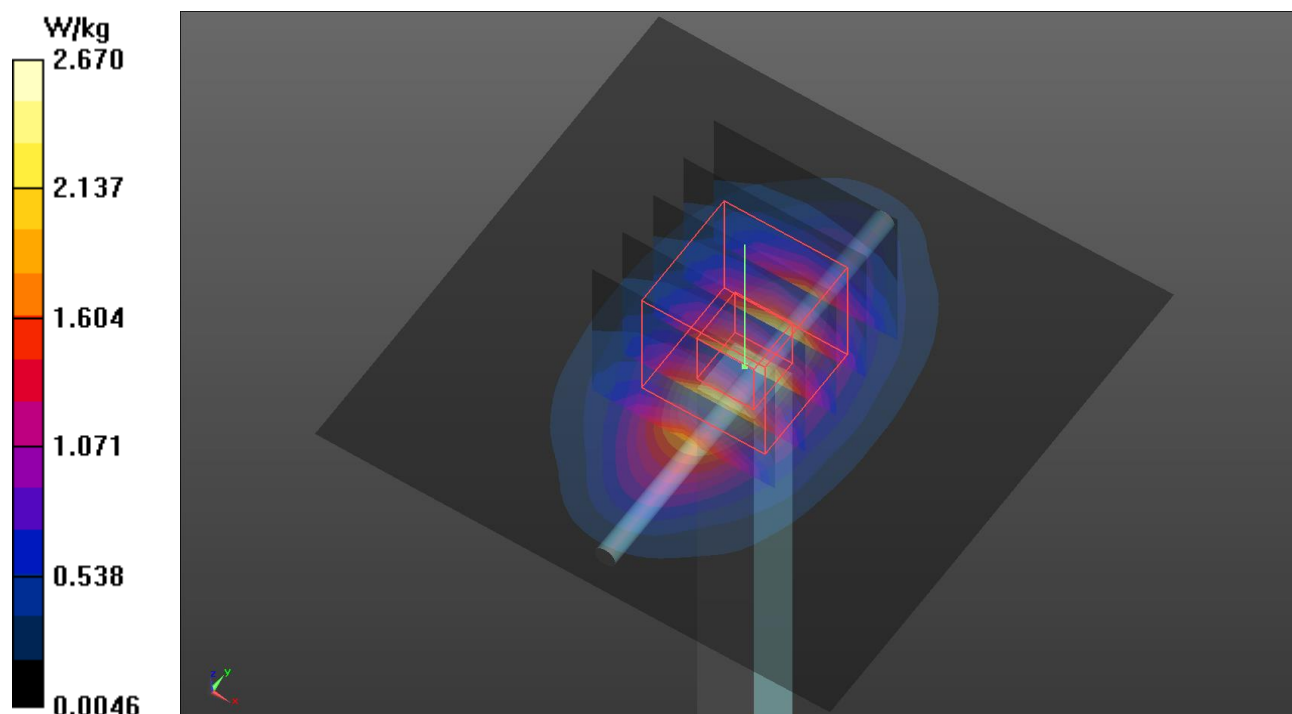
**Pin=50mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 46.55 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 3.11 W/kg

**SAR(1 g) = 1.82 W/kg; SAR(10 g) = 0.942 W/kg** (SAR corrected for target medium)

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



## Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/09/15

### S03 System Check\_H835\_220915

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

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

Medium: H07T10N1\_0915 Medium parameters used:  $f = 835$  MHz;  $\sigma = 0.933$  S/m;  $\epsilon_r = 39.99$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7537; ConvF(10.5, 10.5, 10.5) @ 835 MHz; Calibrated: 2022/04/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2022/04/21
- 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) = 0.643 W/kg

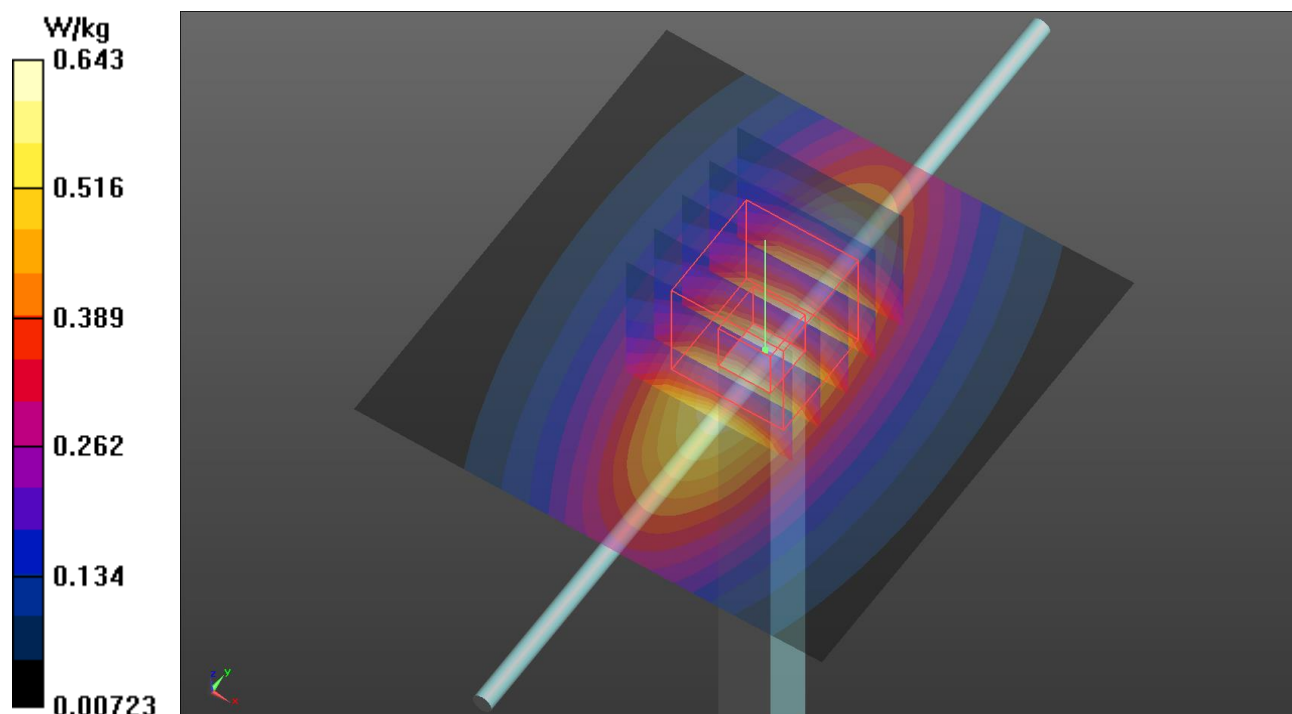
**Pin=50mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 27.33 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.725 W/kg

**SAR(1 g) = 0.474 W/kg; SAR(10 g) = 0.311 W/kg** (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.640 W/kg



## Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/09/13

### S04 System Check\_H1750\_220913

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

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

Medium: H16T20N1\_0913 Medium parameters used:  $f = 1750$  MHz;  $\sigma = 1.337$  S/m;  $\epsilon_r = 38.793$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7537; ConvF(8.57, 8.57, 8.57) @ 1750 MHz; Calibrated: 2022/04/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2022/04/21
- 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) = 2.67 W/kg

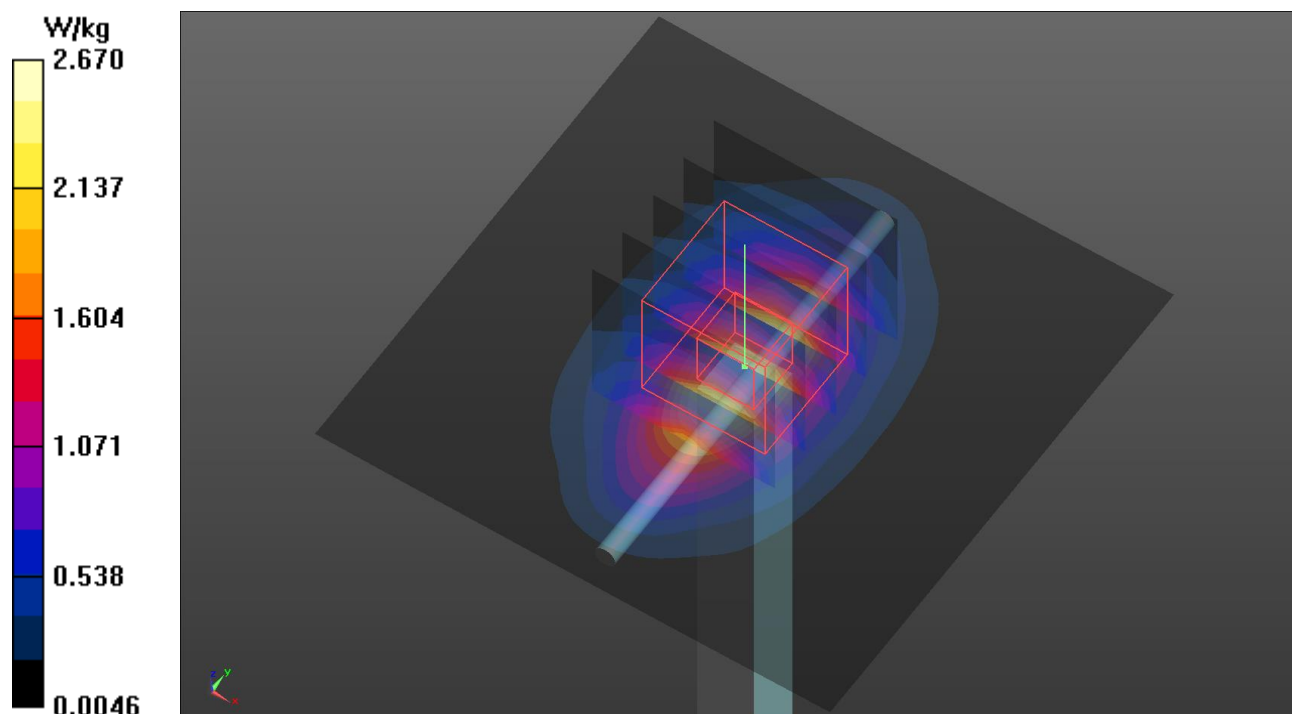
**Pin=50mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 46.55 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 3.11 W/kg

**SAR(1 g) = 1.82 W/kg; SAR(10 g) = 0.942 W/kg** (SAR corrected for target medium)

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



## Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/09/15

### S05 System Check\_H835\_220915

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

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

Medium: H07T10N1\_0915 Medium parameters used:  $f = 835$  MHz;  $\sigma = 0.933$  S/m;  $\epsilon_r = 39.99$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7537; ConvF(10.5, 10.5, 10.5) @ 835 MHz; Calibrated: 2022/04/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2022/04/21
- 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) = 0.643 W/kg

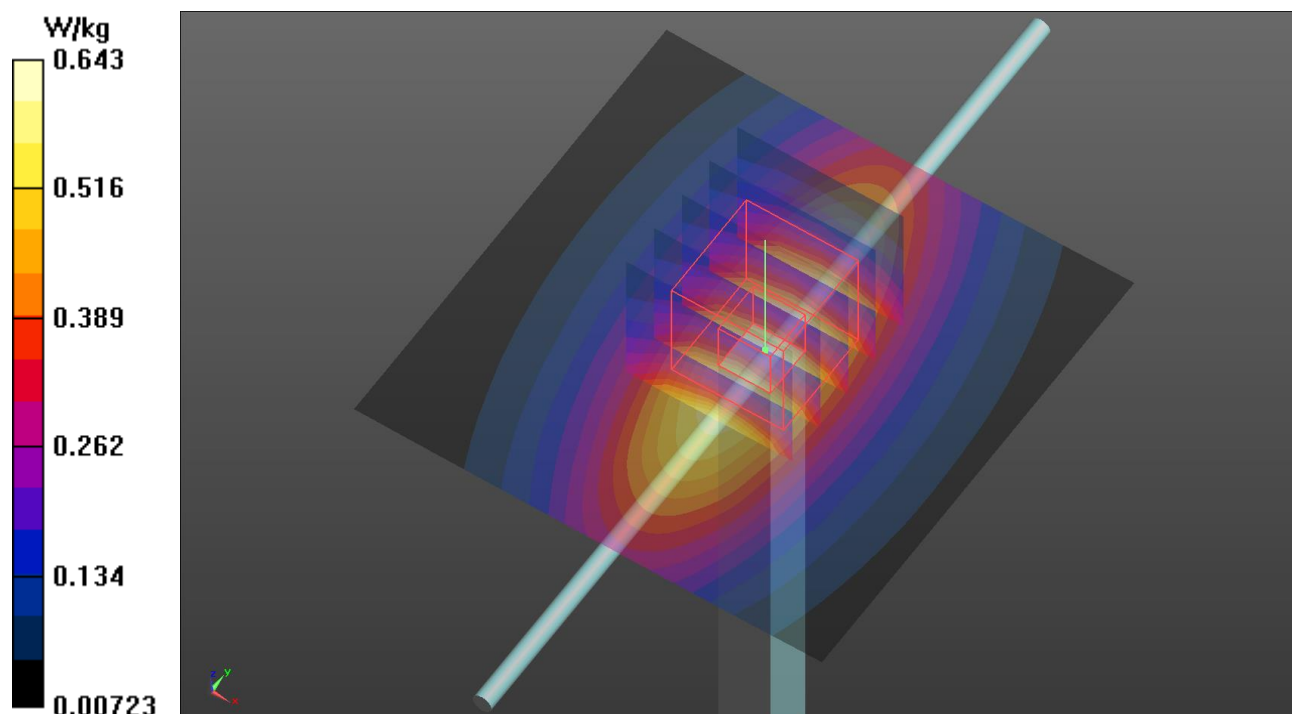
**Pin=50mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 27.33 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.725 W/kg

**SAR(1 g) = 0.474 W/kg; SAR(10 g) = 0.311 W/kg** (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.640 W/kg



## Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/09/14

### S06 System Check\_H2600\_220914

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

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

Medium: H19T27N1\_0914 Medium parameters used:  $f = 2600$  MHz;  $\sigma = 2.005$  S/m;  $\epsilon_r = 38.283$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7537; ConvF(7.52, 7.52, 7.52) @ 2600 MHz; Calibrated: 2022/04/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2022/04/21
- Phantom: ELI Phantom\_1245; 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) = 4.78 W/kg

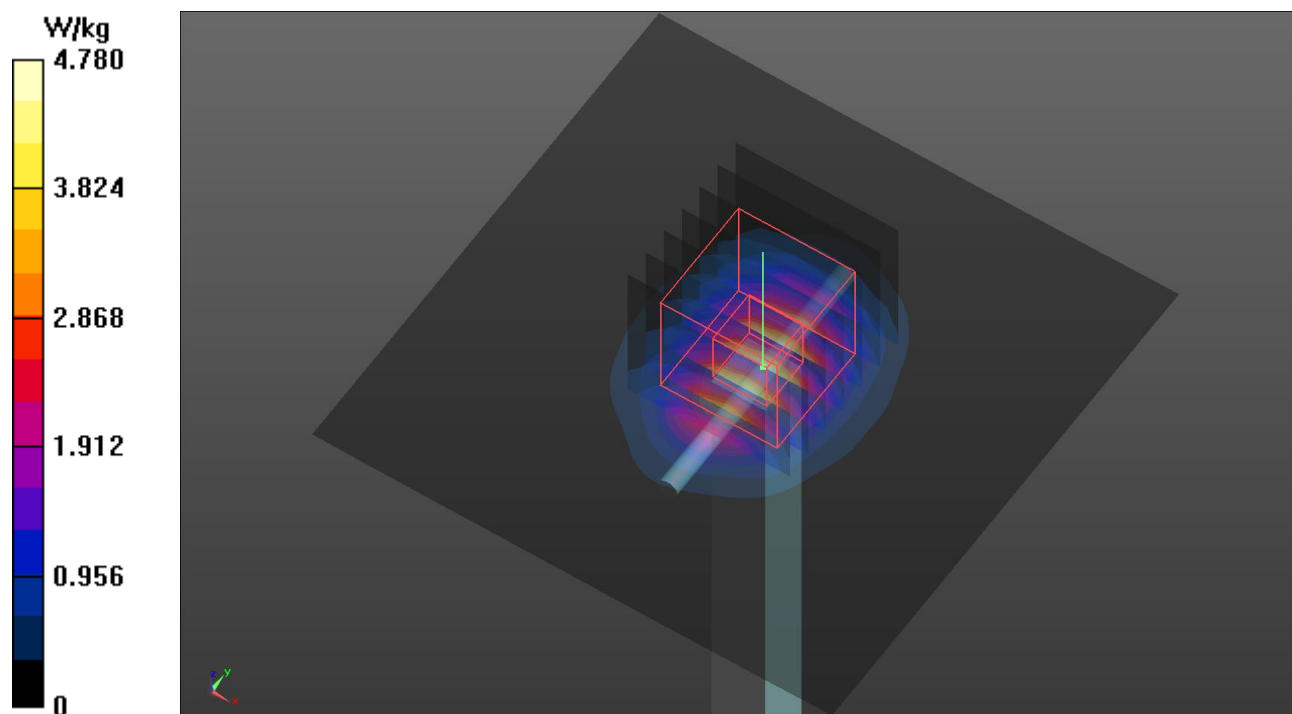
**Pin=50mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 50.04 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 6.01 W/kg

**SAR(1 g) = 2.82 W/kg; SAR(10 g) = 1.27 W/kg** (SAR corrected for target medium)

Maximum value of SAR (measured) = 4.82 W/kg



## Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/09/16

### S07 System Check\_H750\_220916

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

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

Medium: H06T09N1\_0916 Medium parameters used:  $f = 750$  MHz;  $\sigma = 0.916$  S/m;  $\epsilon_r = 41.728$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C ; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7537; ConvF(10.74, 10.74, 10.74) @ 750 MHz; Calibrated: 2022/04/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2022/04/21
- 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) = 0.540 W/kg

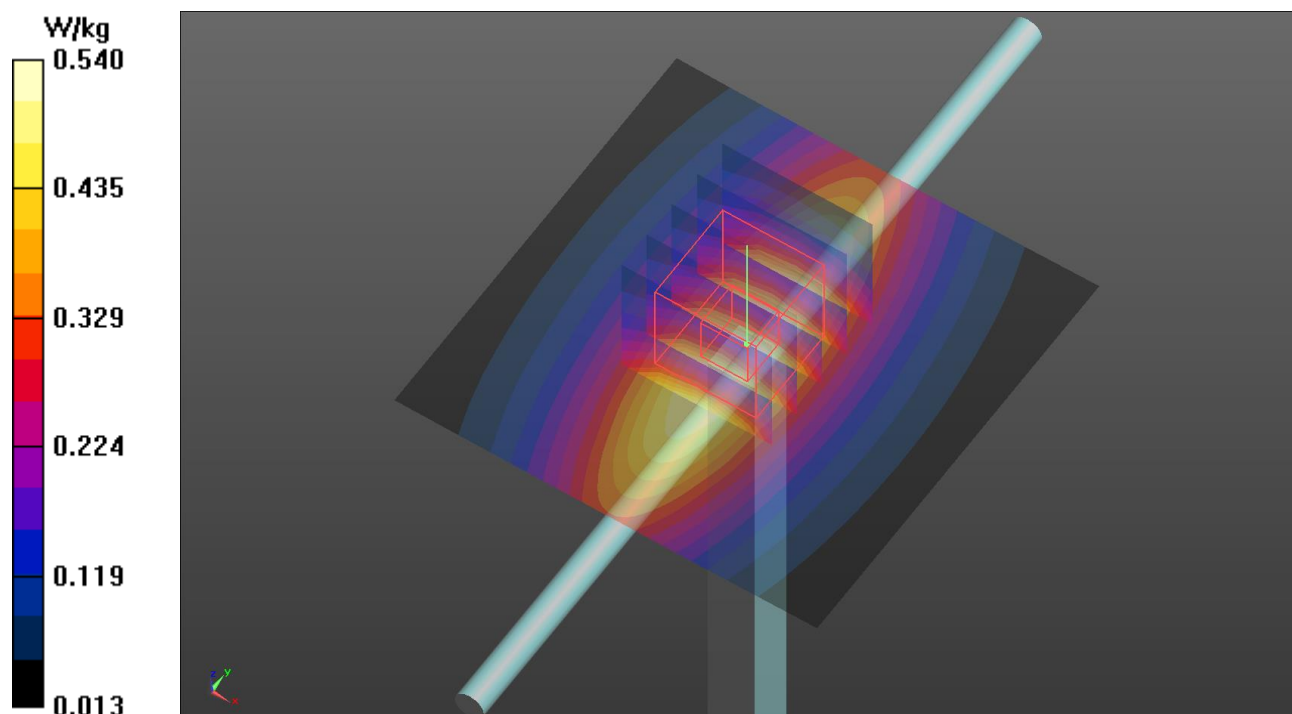
**Pin=50mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 25.61 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.615 W/kg

**SAR(1 g) = 0.406 W/kg; SAR(10 g) = 0.269 W/kg** (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.546 W/kg





## Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/09/16

### S08 System Check\_H750\_220916

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

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

Medium: H06T09N1\_0916 Medium parameters used:  $f = 750$  MHz;  $\sigma = 0.916$  S/m;  $\epsilon_r = 41.728$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C ; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7537; ConvF(10.74, 10.74, 10.74) @ 750 MHz; Calibrated: 2022/04/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2022/04/21
- 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) = 0.540 W/kg

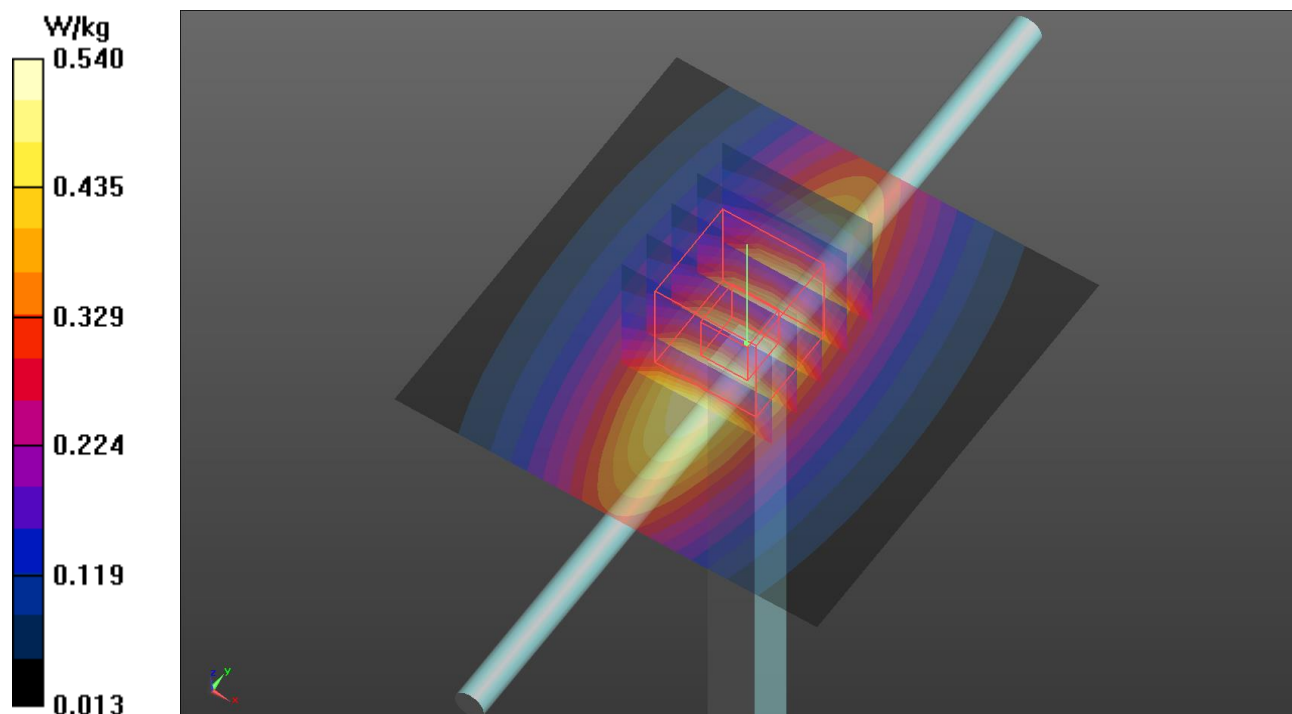
**Pin=50mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 25.61 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.615 W/kg

**SAR(1 g) = 0.406 W/kg; SAR(10 g) = 0.269 W/kg** (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.546 W/kg



## Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/11/09

### S18 System Check\_H750\_221109

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

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

Medium: H06T09N1\_1109 Medium parameters used:  $f = 750$  MHz;  $\sigma = 0.894$  S/m;  $\epsilon_r = 40.645$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7537; ConvF(10.74, 10.74, 10.74) @ 750 MHz; Calibrated: 2022/04/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2022/04/21
- 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) = 0.528 W/kg

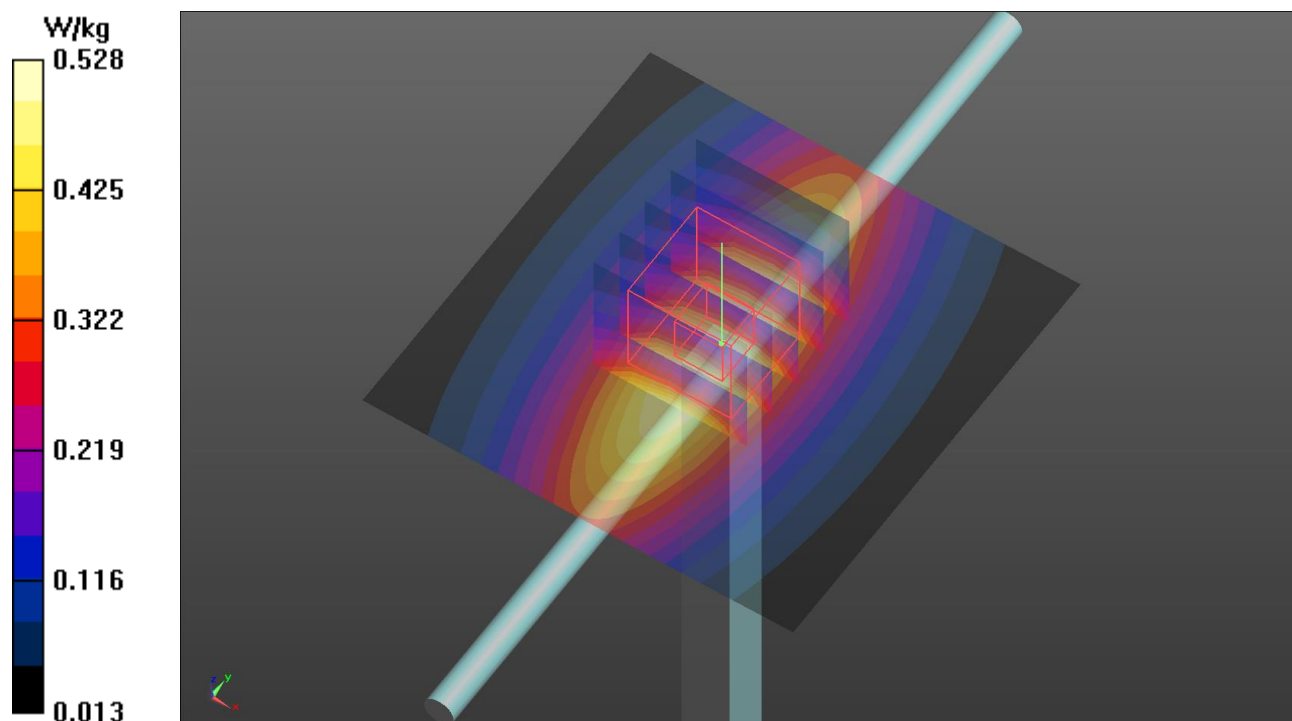
**Pin=50mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 25.61 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.600 W/kg

**SAR(1 g) = 0.396 W/kg; SAR(10 g) = 0.263 W/kg** (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.533 W/kg



## Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/09/13

### S09 System Check\_H1900\_220913

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

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

Medium: H16T20N1\_0913 Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.438$  S/m;  $\epsilon_r = 38.651$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7537; ConvF(8.24, 8.24, 8.24) @ 1900 MHz; Calibrated: 2022/04/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2022/04/21
- 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) = 3.15 W/kg

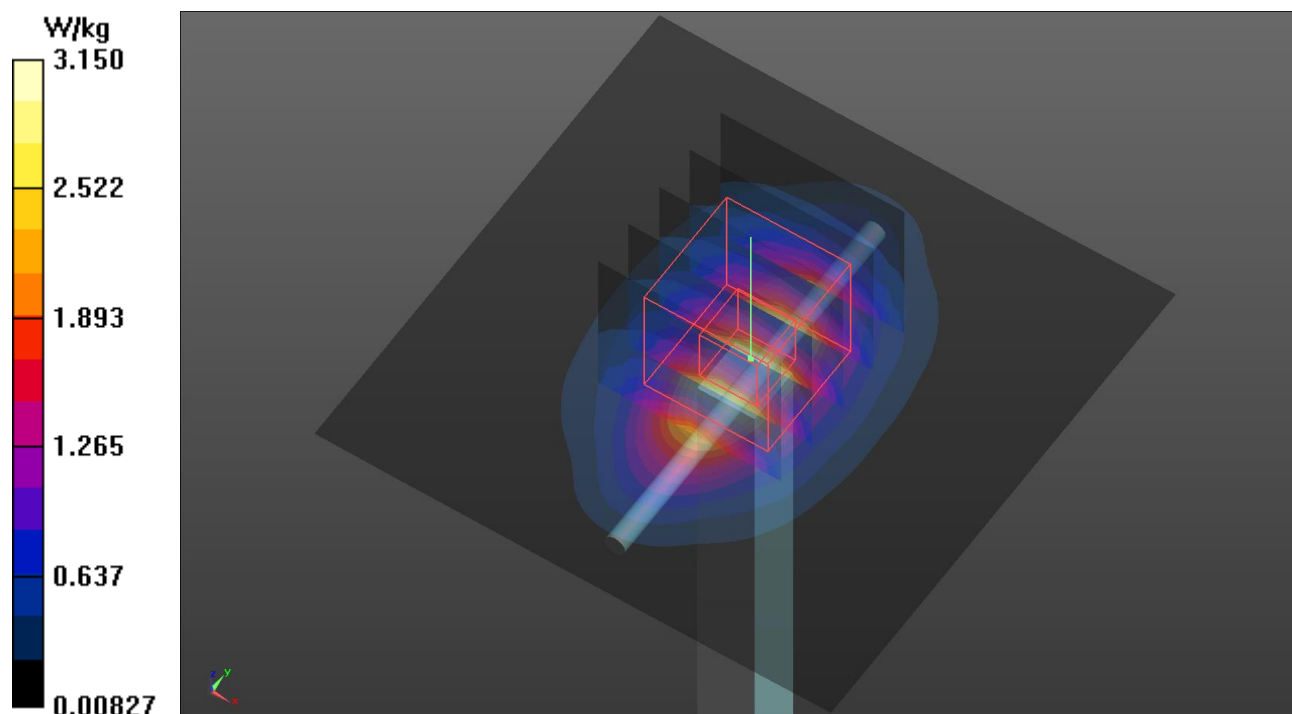
**Pin=50mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

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

Peak SAR (extrapolated) = 3.74 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) = 3.14 W/kg



## Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/09/15

### S10 System Check\_H835\_220915

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

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

Medium: H07T10N1\_0915 Medium parameters used:  $f = 835$  MHz;  $\sigma = 0.933$  S/m;  $\epsilon_r = 39.99$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7537; ConvF(10.5, 10.5, 10.5) @ 835 MHz; Calibrated: 2022/04/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2022/04/21
- 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) = 0.643 W/kg

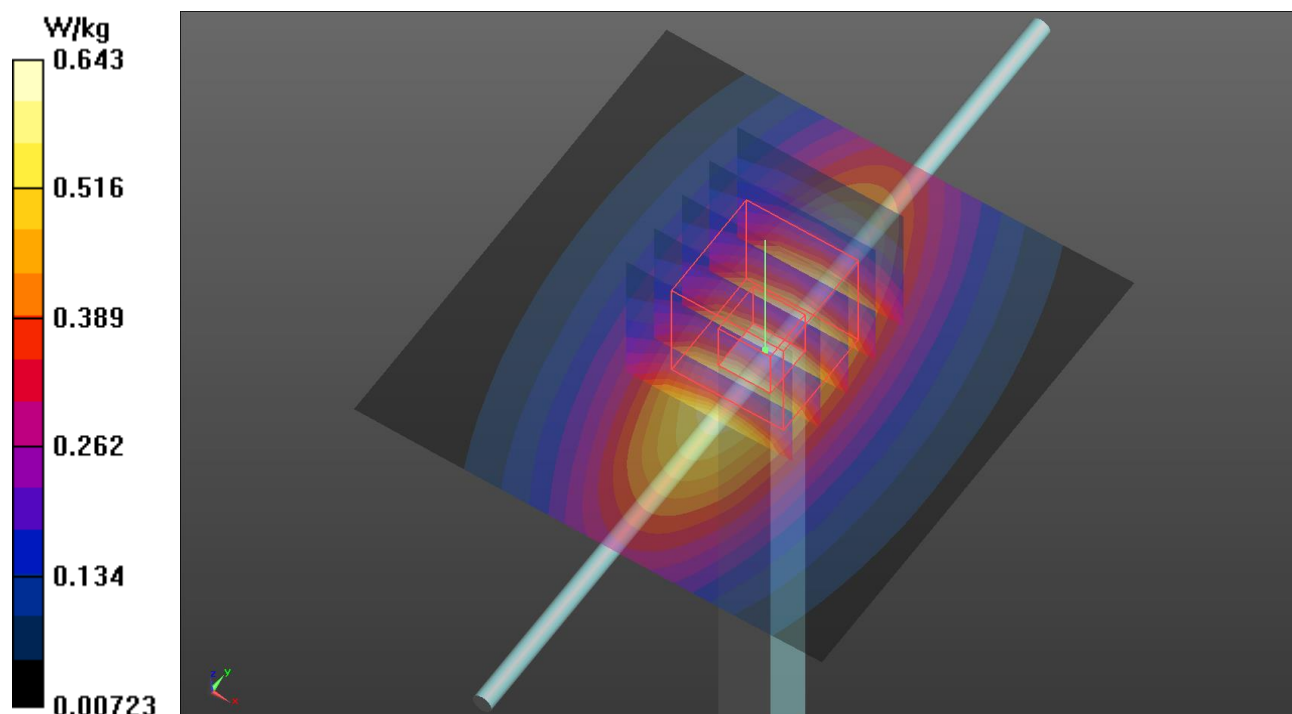
**Pin=50mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 27.33 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.725 W/kg

**SAR(1 g) = 0.474 W/kg; SAR(10 g) = 0.311 W/kg** (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.640 W/kg



## Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/09/16

### S11 System Check\_H2300\_220916

**DUT: Dipole 2300 MHz; Type: D2300V2; SN:1004**

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

Medium: H19T27N1\_0916 Medium parameters used:  $f = 2300$  MHz;  $\sigma = 1.659$  S/m;  $\epsilon_r = 39.618$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C ; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7537; ConvF(7.89, 7.89, 7.89) @ 2300 MHz; Calibrated: 2022/04/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2022/04/21
- Phantom: ELI Phantom\_1245; Type: QDOVA002AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 3.89 W/kg

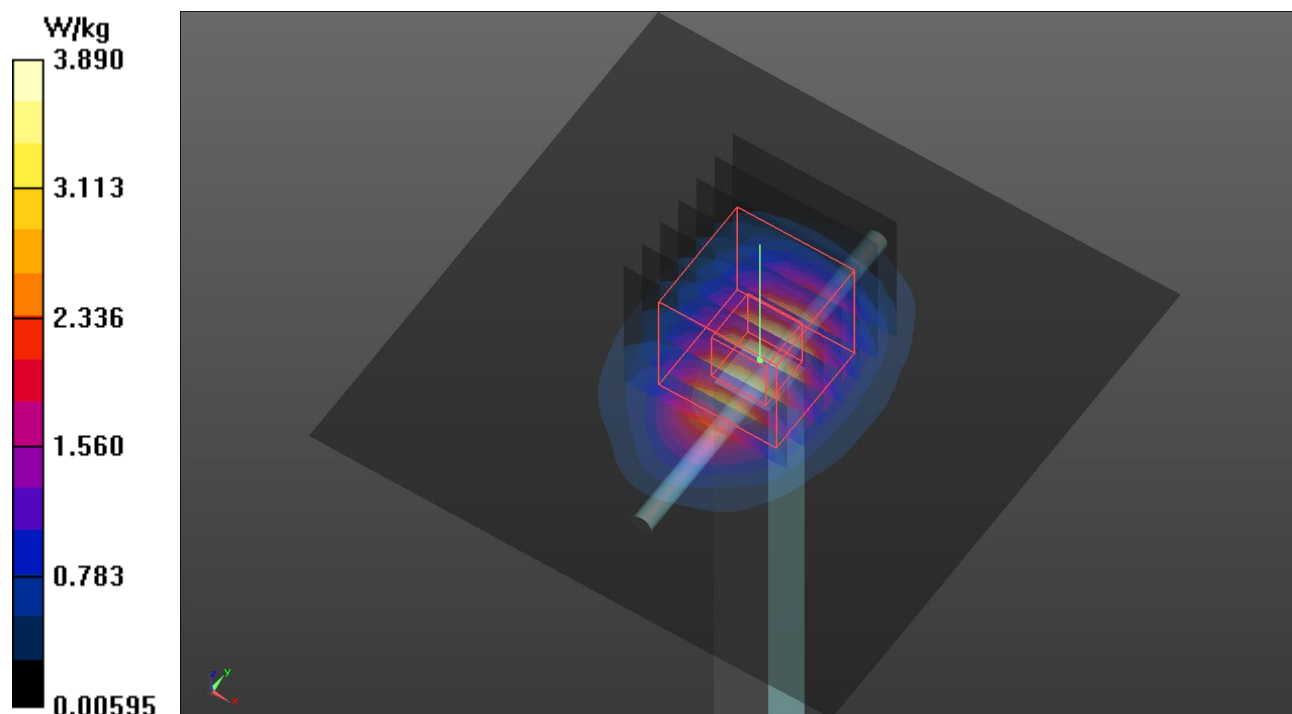
**Pin=50mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 50.05 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 4.68 W/kg

**SAR(1 g) = 2.43 W/kg; SAR(10 g) = 1.17 W/kg** (SAR corrected for target medium)

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



## Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/09/14

### S12 System Check\_H2600\_220914

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

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

Medium: H19T27N1\_0914 Medium parameters used:  $f = 2600$  MHz;  $\sigma = 2.005$  S/m;  $\epsilon_r = 38.283$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7537; ConvF(7.52, 7.52, 7.52) @ 2600 MHz; Calibrated: 2022/04/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2022/04/21
- Phantom: ELI Phantom\_1245; 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) = 4.78 W/kg

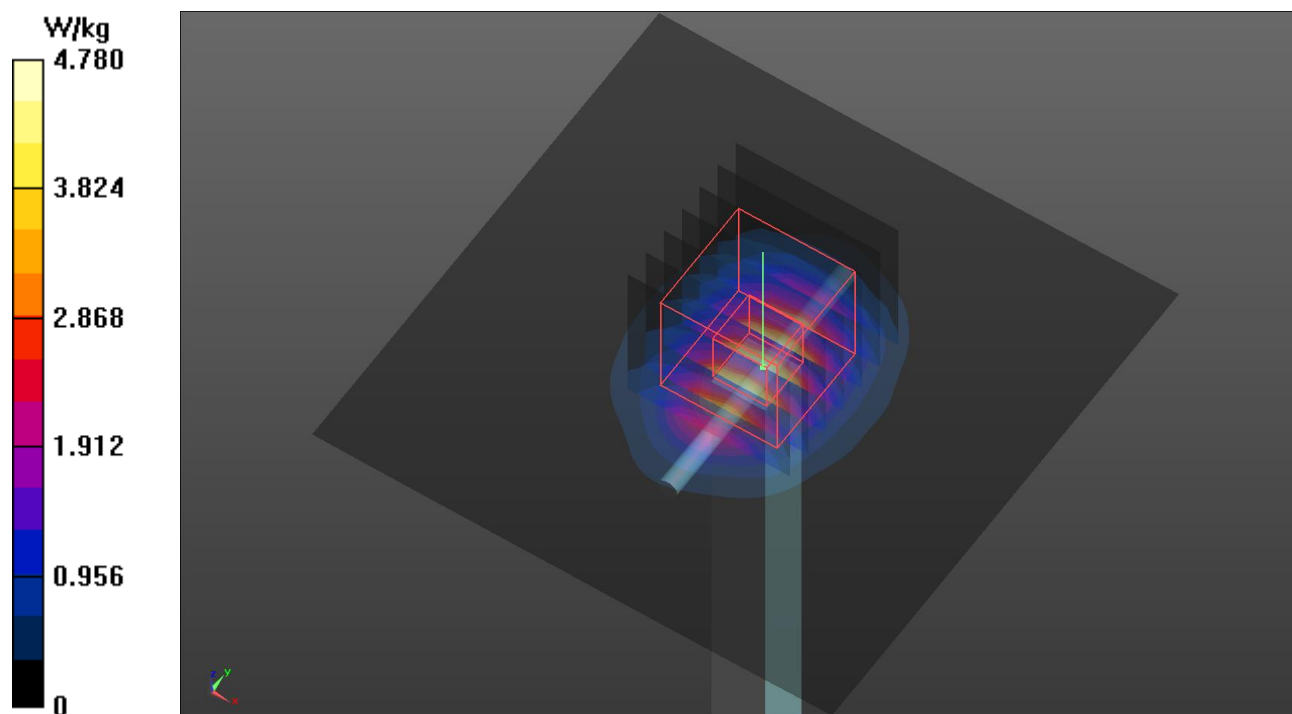
**Pin=50mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 50.04 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 6.01 W/kg

**SAR(1 g) = 2.82 W/kg; SAR(10 g) = 1.27 W/kg** (SAR corrected for target medium)

Maximum value of SAR (measured) = 4.82 W/kg



## Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/11/09

### S19a System Check\_H3500\_221109

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

Communication System: UID 0, CW; Frequency: 3500 MHz; Duty Cycle: 1:1

Medium: H33T42N1\_1109 Medium parameters used:  $f = 3500$  MHz;  $\sigma = 2.855$  S/m;  $\epsilon_r = 38.989$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7537; ConvF(6.7, 6.7, 6.7) @ 3500 MHz; Calibrated: 2022/04/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2022/04/21
- Phantom: ELI Phantom\_1245; 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) = 6.30 W/kg

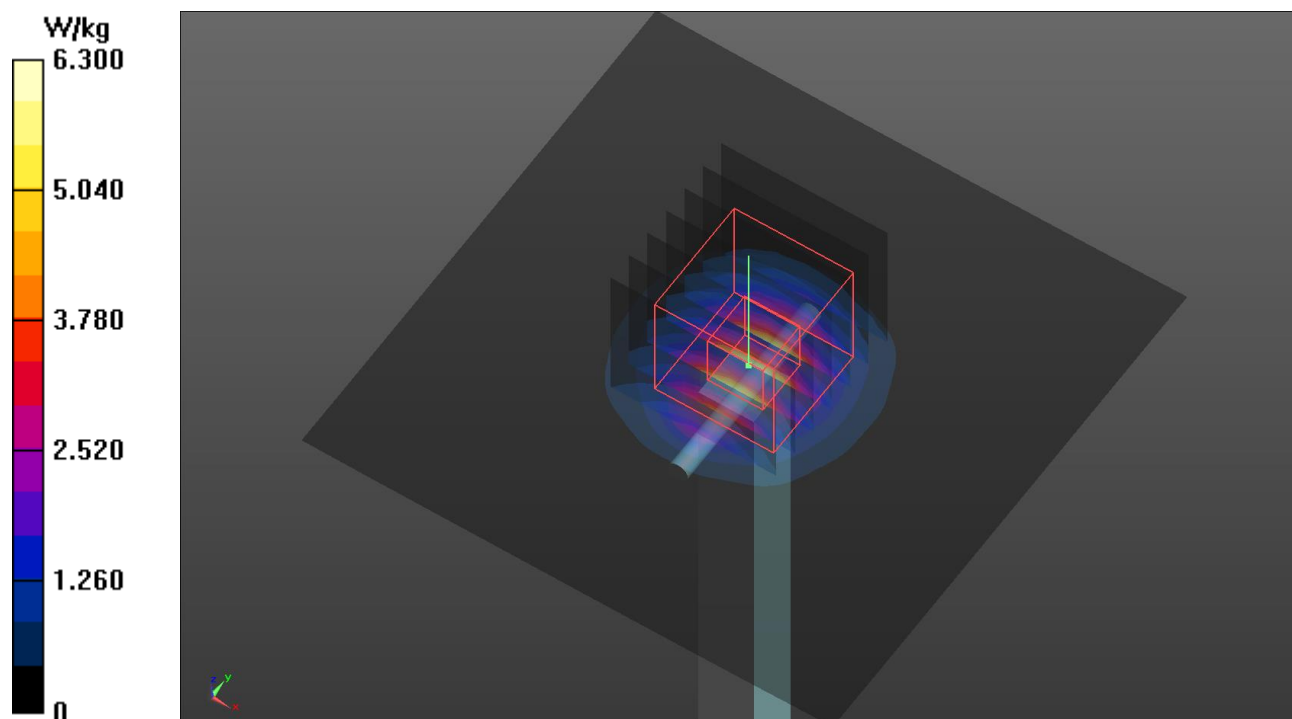
**Pin=50mW/Zoom Scan (7x7x6)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=2.5mm

Reference Value = 50.03 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 8.31 W/kg

**SAR(1 g) = 3.36 W/kg; SAR(10 g) = 1.3 W/kg** (SAR corrected for target medium)

Maximum value of SAR (measured) = 6.34 W/kg





## Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/11/09

### S19b System Check\_H3700\_221109

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

Communication System: UID 0, CW; Frequency: 3700 MHz; Duty Cycle: 1:1

Medium: H33T42N1\_1109 Medium parameters used:  $f = 3700$  MHz;  $\sigma = 3.117$  S/m;  $\epsilon_r = 38.297$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7537; ConvF(6.6, 6.6, 6.6) @ 3700 MHz; Calibrated: 2022/04/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2022/04/21
- Phantom: ELI Phantom\_1245; 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) = 6.74 W/kg

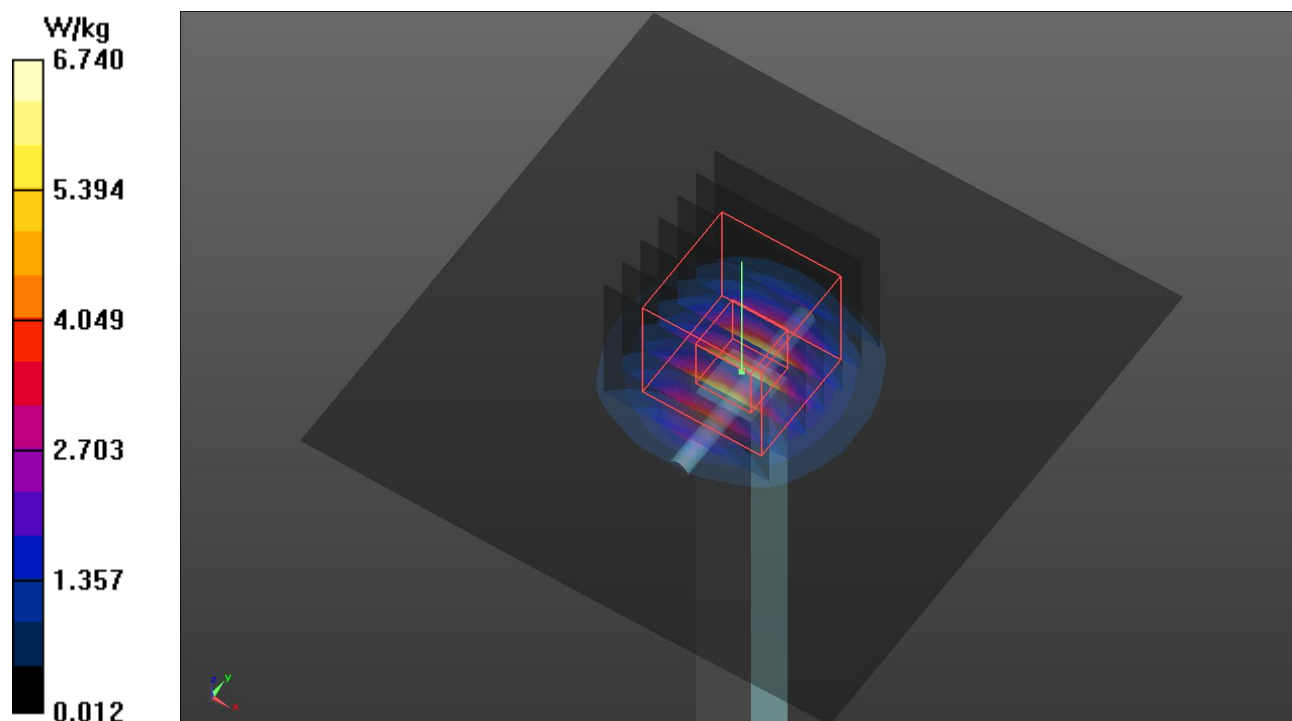
**Pin=50mW/Zoom Scan (7x7x6)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=2.5mm

Reference Value = 49.42 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 9.02 W/kg

**SAR(1 g) = 3.54 W/kg; SAR(10 g) = 1.36 W/kg** (SAR corrected for target medium)

Maximum value of SAR (measured) = 6.77 W/kg





## Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/11/09

### S20 System Check\_H1750\_221109

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

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

Medium: H16T20N1\_1109 Medium parameters used:  $f = 1750$  MHz;  $\sigma = 1.372$  S/m;  $\epsilon_r = 39.114$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7537; ConvF(8.57, 8.57, 8.57) @ 1750 MHz; Calibrated: 2022/04/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2022/04/21
- 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) = 2.74 W/kg

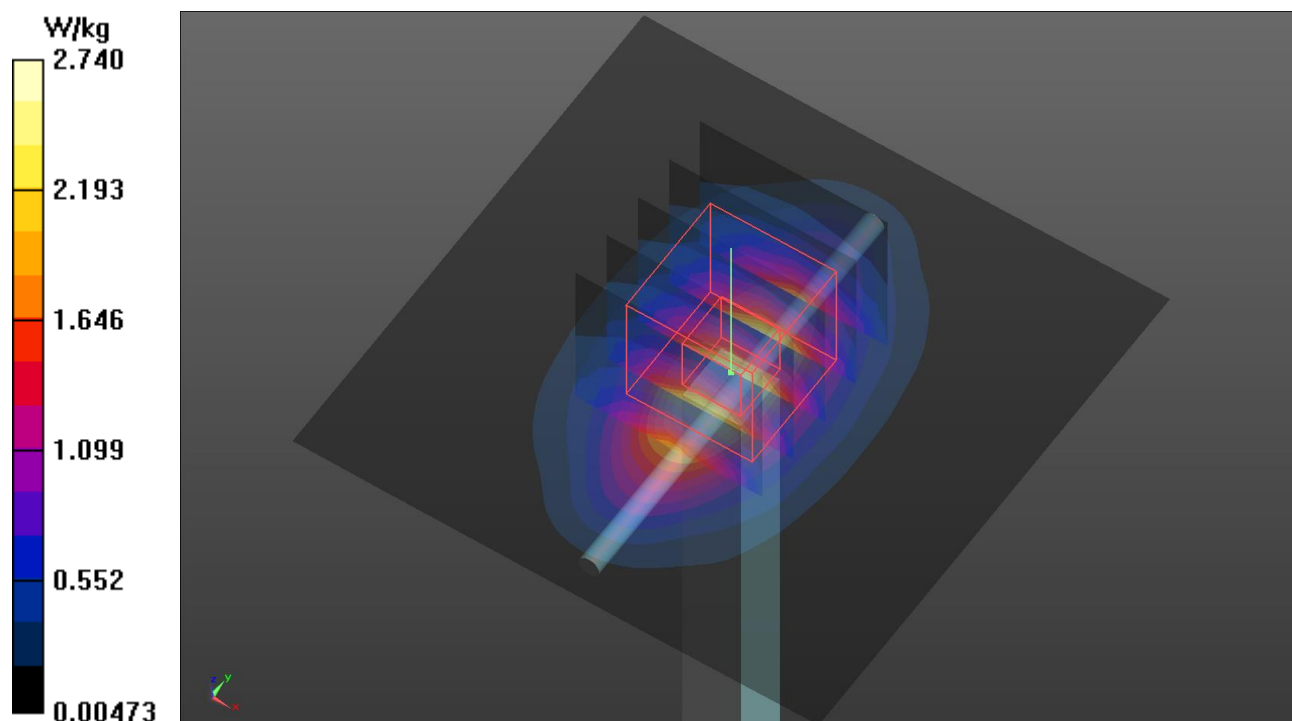
**Pin=50mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 46.55 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 3.20 W/kg

**SAR(1 g) = 1.78 W/kg; SAR(10 g) = 0.955 W/kg** (SAR corrected for target medium)

Maximum value of SAR (measured) = 2.74 W/kg



## Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/11/09

### S21 System Check\_H750\_221109

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

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

Medium: H06T09N1\_1109 Medium parameters used:  $f = 750$  MHz;  $\sigma = 0.921$  S/m;  $\epsilon_r = 40.795$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7537; ConvF(10.74, 10.74, 10.74) @ 750 MHz; Calibrated: 2022/04/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2022/04/21
- 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) = 0.528 W/kg

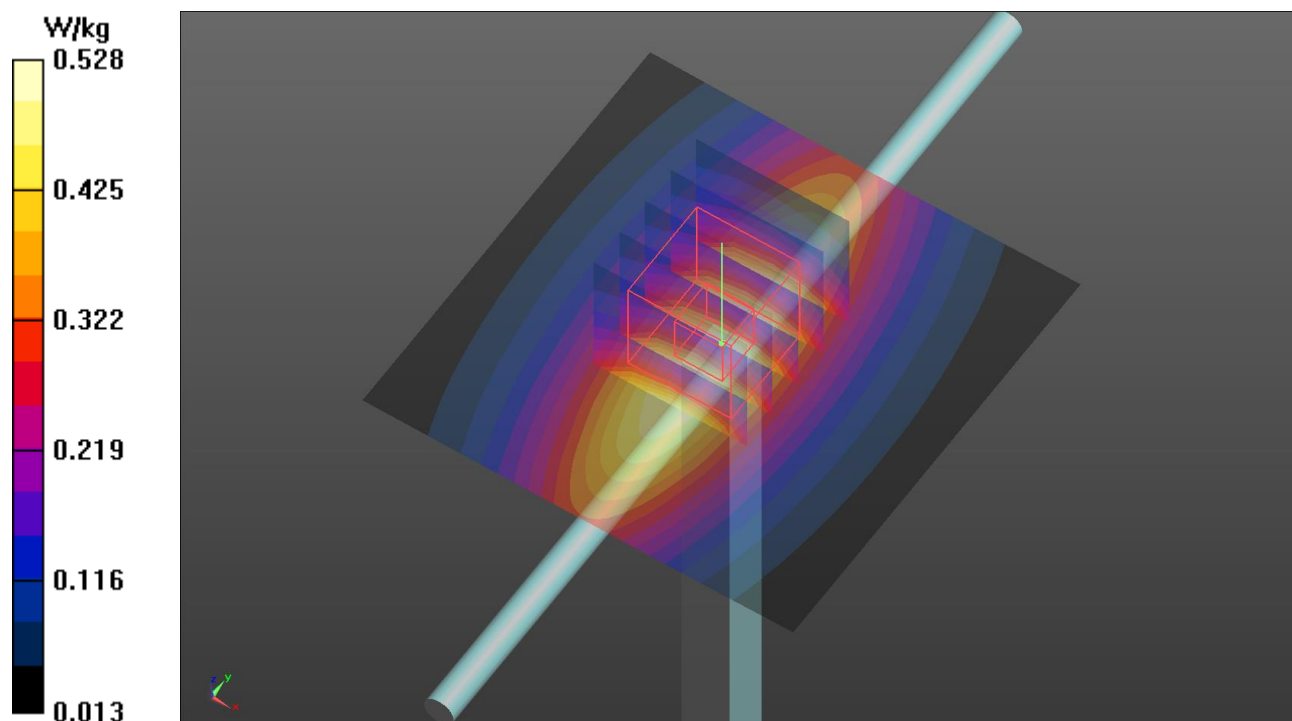
**Pin=50mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 25.61 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.600 W/kg

**SAR(1 g) = 0.396 W/kg; SAR(10 g) = 0.263 W/kg** (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.533 W/kg



### Appendix B. Plots of Measurement

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

## Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/09/13

**P01 WCDMA II\_RMC12.2K\_Rear Face\_0mm\_Ch9400\_Ant 0**

**DUT: BEXD-WTW-P22060937**

Communication System: UID 10011 - CAB, UMTS-FDD (WCDMA); Frequency: 1880 MHz; Duty Cycle: 1:1.95  
Medium: H16T20N1\_0913 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.426$  S/m;  $\epsilon_r = 38.674$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.4 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7537; ConvF(8.24, 8.24, 8.24) @ 1880 MHz; Calibrated: 2022/04/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2022/04/21
- Phantom: ELI Phantom\_1245; Type: QDOVA002AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (121x171x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 1.83 W/kg

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

Reference Value = 36.96 V/m; Power Drift = -0.06 dB

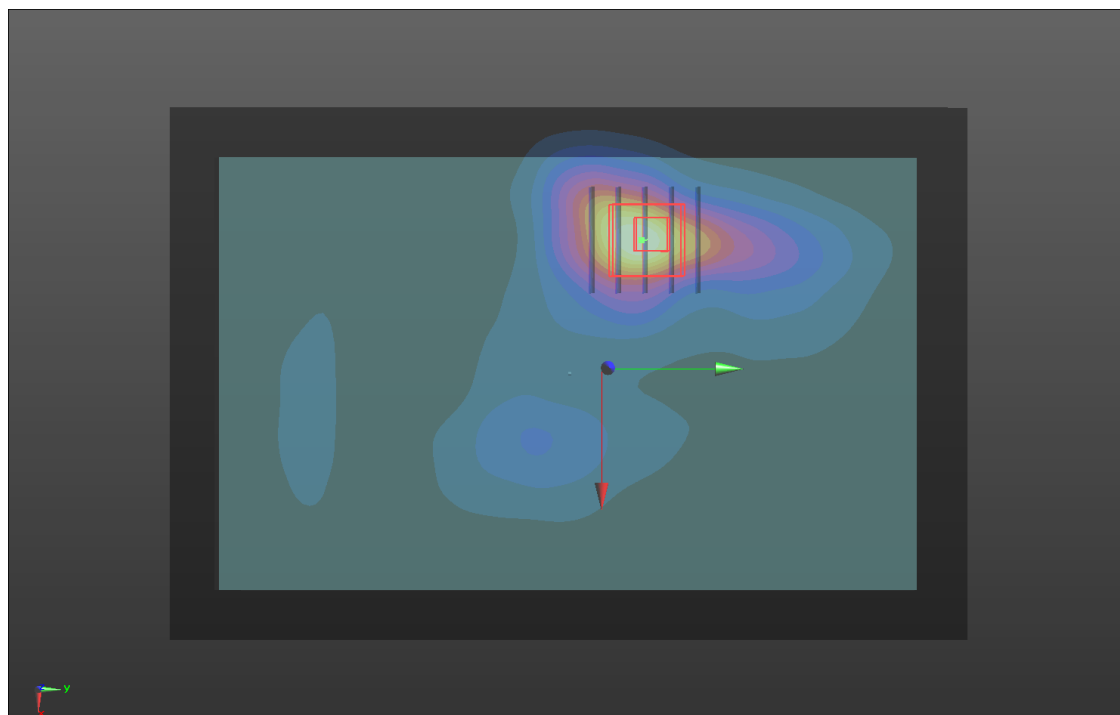
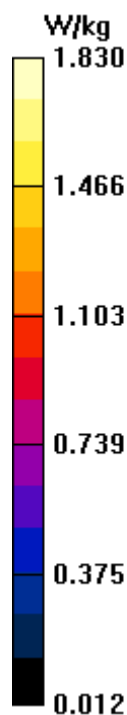
Peak SAR (extrapolated) = 1.81 W/kg

**SAR(1 g) = 1.04 W/kg; SAR(10 g) = 0.600 W/kg** (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 11.6 mm

Ratio of SAR at M2 to SAR at M1 = 60.9%

Maximum value of SAR (measured) = 1.48 W/kg



## Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/09/13

**P02 WCDMA IV\_RMC12.2K\_Rear Face\_0mm\_Ch1413\_Ant 0**

**DUT: BEXD-WTW-P22060937**

Communication System: UID 10011 - CAB, UMTS-FDD (WCDMA); Frequency: 1732.6 MHz; Duty Cycle: 1:1.95  
Medium: H16T20N1\_0913 Medium parameters used:  $f = 1733$  MHz;  $\sigma = 1.323$  S/m;  $\epsilon_r = 38.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.4 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7537; ConvF(8.57, 8.57, 8.57) @ 1732.6 MHz; Calibrated: 2022/04/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2022/04/21
- Phantom: ELI Phantom\_1245; Type: QDOVA002AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (121x171x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 1.45 W/kg

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

Reference Value = 32.83 V/m; Power Drift = 0.10 dB

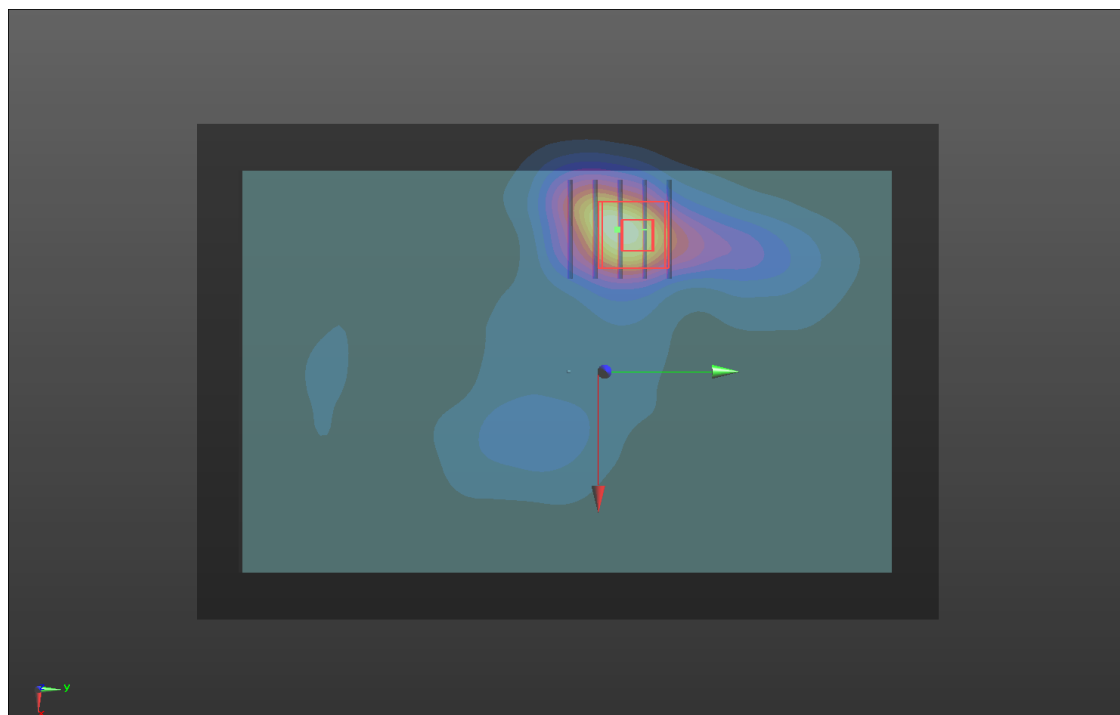
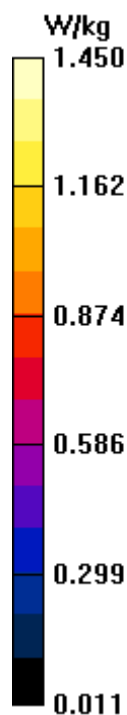
Peak SAR (extrapolated) = 1.71 W/kg

**SAR(1 g) = 1.04 W/kg; SAR(10 g) = 0.604 W/kg** (SAR corrected for target medium)

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

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

Maximum value of SAR (measured) = 1.45 W/kg



## Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/09/15

**P03 WCDMA V\_RMC12.2K\_Rear Face\_0mm\_Ch4182\_Ant 0**

**DUT: BEXD-WTW-P22060937**

Communication System: UID 10011 - CAB, UMTS-FDD (WCDMA); Frequency: 836.4 MHz; Duty Cycle: 1:1.95  
Medium: H07T10N1\_0915 Medium parameters used (interpolated):  $f = 836.4$  MHz;  $\sigma = 0.933$  S/m;  $\epsilon_r = 39.992$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7537; ConvF(10.5, 10.5, 10.5) @ 836.4 MHz; Calibrated: 2022/04/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2022/04/21
- Phantom: ELI Phantom\_1245; Type: QDOVA002AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (121x171x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

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

Reference Value = 41.96 V/m; Power Drift = -0.03 dB

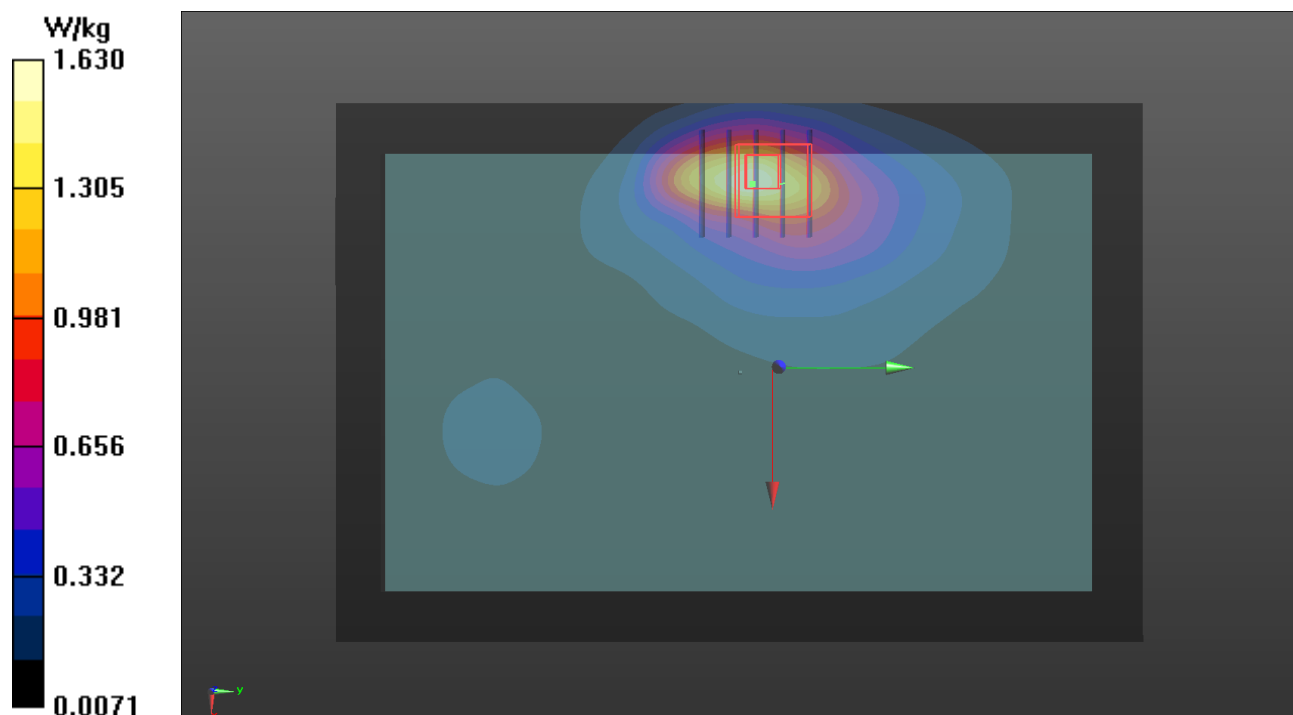
Peak SAR (extrapolated) = 1.80 W/kg

**SAR(1 g) = 0.946 W/kg; SAR(10 g) = 0.554 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 = 56.7%

Maximum value of SAR (measured) = 1.38 W/kg



## Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/09/13

**P04 LTE 4\_QPSK20M\_Rear Face\_0mm\_Ch20175\_1RB\_OS0\_Ant 0**

**DUT: BEXD-WTW-P22060937**

Communication System: UID 10169 - CAE, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 1732.5 MHz; Duty Cycle: 1:3.74

Medium: H16T20N1\_0913 Medium parameters used (interpolated):  $f = 1732.5$  MHz;  $\sigma = 1.322$  S/m;  $\epsilon_r = 38.799$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7537; ConvF(8.57, 8.57, 8.57) @ 1732.5 MHz; Calibrated: 2022/04/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2022/04/21
- Phantom: ELI Phantom\_1245; Type: QDOVA002AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (121x171x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 1.62 W/kg

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

Reference Value = 28.34 V/m; Power Drift = -0.16 dB

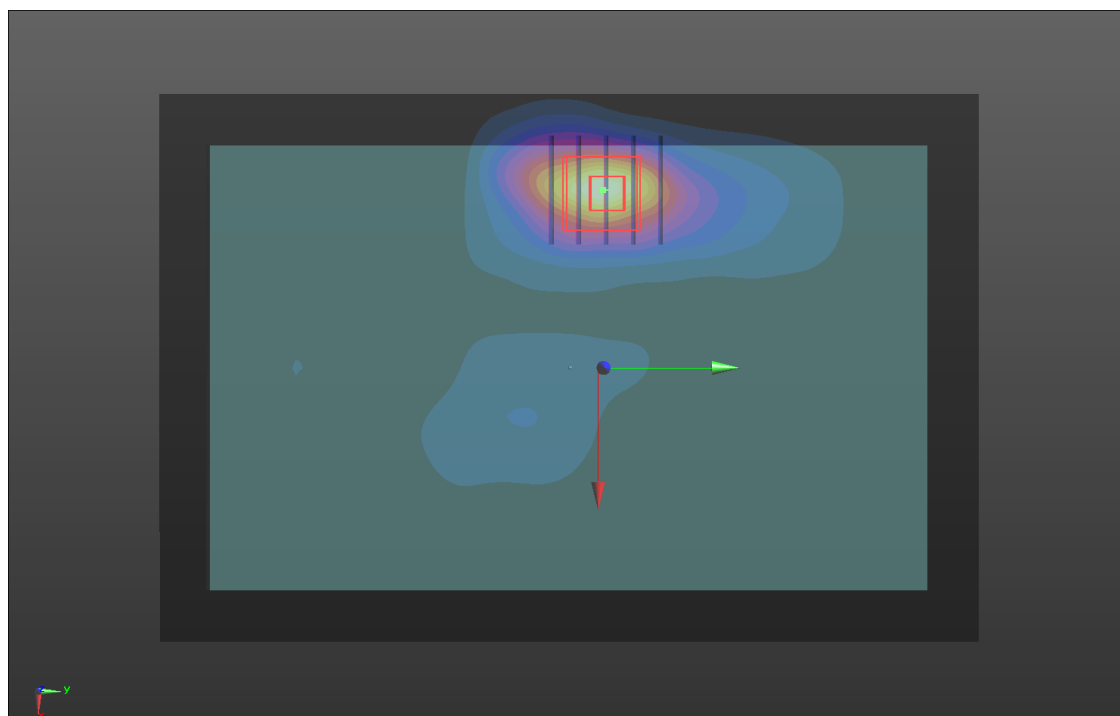
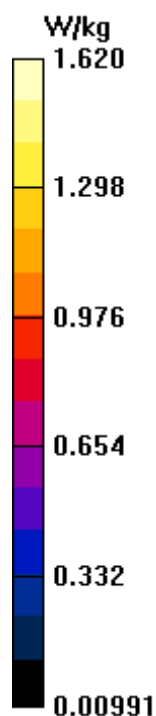
Peak SAR (extrapolated) = 1.59 W/kg

**SAR(1 g) = 0.953 W/kg; SAR(10 g) = 0.554 W/kg** (SAR corrected for target medium)

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

Ratio of SAR at M2 to SAR at M1 = 61.4%

Maximum value of SAR (measured) = 1.33 W/kg





## Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/09/15

**P05 LTE 5\_QPSK10M\_Rear Face\_0mm\_Ch20450\_1RB\_OS0\_Ant 0**

**DUT: BEXD-WTW-P22060937**

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

Medium: H07T10N1\_0915 Medium parameters used:  $f = 829$  MHz;  $\sigma = 0.93$  S/m;  $\epsilon_r = 40.015$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7537; ConvF(10.5, 10.5, 10.5) @ 829 MHz; Calibrated: 2022/04/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2022/04/21
- Phantom: ELI Phantom\_1245; Type: QDOVA002AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (121x171x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

Maximum value of SAR (interpolated) = 1.60 W/kg

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

Reference Value = 41.96 V/m; Power Drift = -0.08 dB

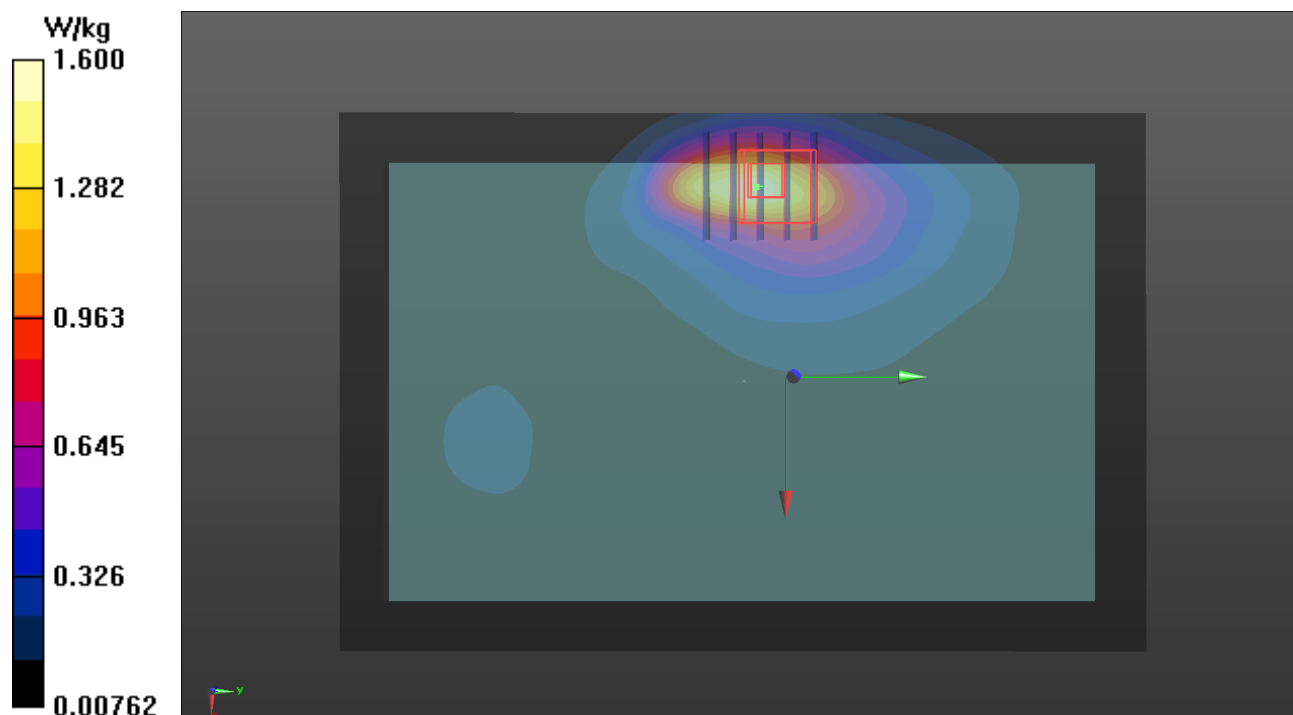
Peak SAR (extrapolated) = 1.81 W/kg

**SAR(1 g) = 0.944 W/kg; SAR(10 g) = 0.551 W/kg** (SAR corrected for target medium)

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

Ratio of SAR at M2 to SAR at M1 = 53.9%

Maximum value of SAR (measured) = 1.44 W/kg



## Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/09/14

**P06 LTE 7\_QPSK20M\_Rear Face\_0mm\_Ch21100\_1RB\_OS0\_Ant 0**

**DUT: BEXD-WTW-P22060937**

Communication System: UID 10169 - CAE, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 2535 MHz; Duty Cycle: 1:3.74

Medium: H19T27N1\_0914 Medium parameters used (interpolated):  $f = 2535$  MHz;  $\sigma = 1.932$  S/m;  $\epsilon_r = 38.431$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7537; ConvF(7.52, 7.52, 7.52) @ 2535 MHz; Calibrated: 2022/04/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2022/04/21
- Phantom: ELI Phantom\_1245; Type: QDOVA002AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (151x211x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 1.63 W/kg

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

Reference Value = 27.69 V/m; Power Drift = -0.07 dB

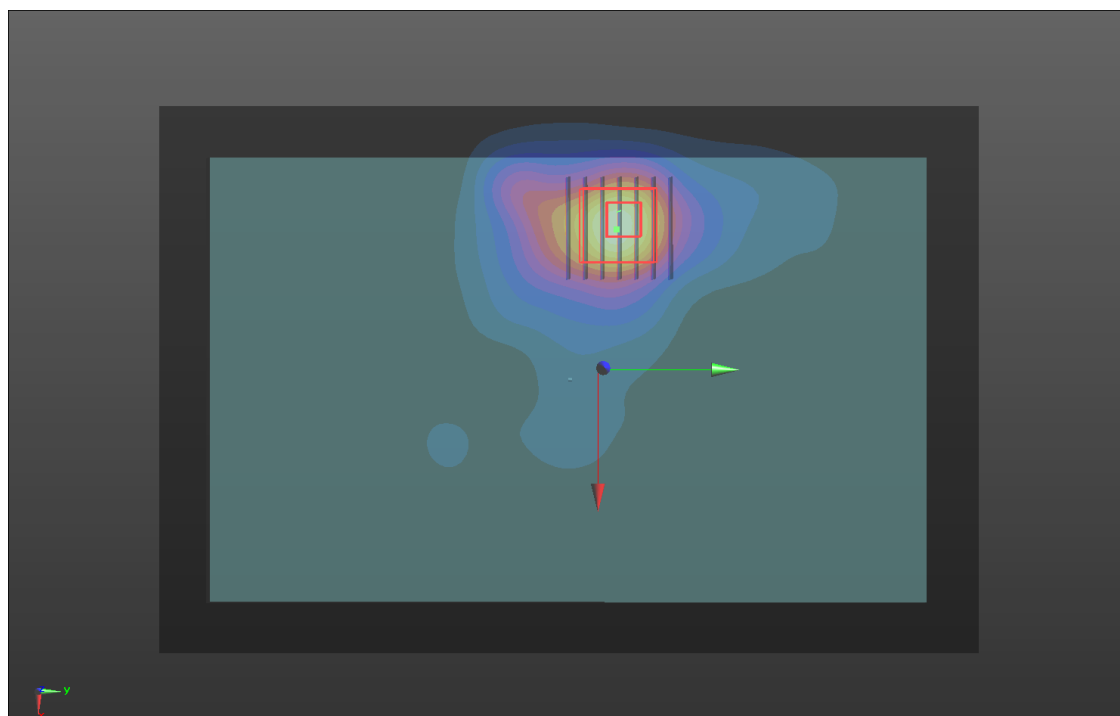
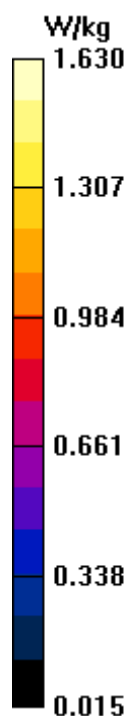
Peak SAR (extrapolated) = 2.08 W/kg

**SAR(1 g) = 1.02 W/kg; SAR(10 g) = 0.563 W/kg** (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 12.1 mm

Ratio of SAR at M2 to SAR at M1 = 49.1%

Maximum value of SAR (measured) = 1.62 W/kg



## Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/09/16

**P07 LTE 12\_QPSK10M\_Rear Face\_0mm\_Ch23095\_1RB\_OS0\_Ant 0**

**DUT: BEXD-WTW-P22060937**

Communication System: UID 10175 - CAG, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK); Frequency: 707.5 MHz; Duty Cycle: 1:3.74

Medium: H06T09N1\_0916 Medium parameters used (interpolated):  $f = 707.5$  MHz;  $\sigma = 0.902$  S/m;  $\epsilon_r = 42.043$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C ; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7537; ConvF(10.74, 10.74, 10.74) @ 707.5 MHz; Calibrated: 2022/04/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2022/04/21
- Phantom: ELI Phantom\_1245; Type: QDOVA002AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (121x171x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm  
Maximum value of SAR (interpolated) = 1.84 W/kg

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

Reference Value = 45.41 V/m; Power Drift = -0.13 dB

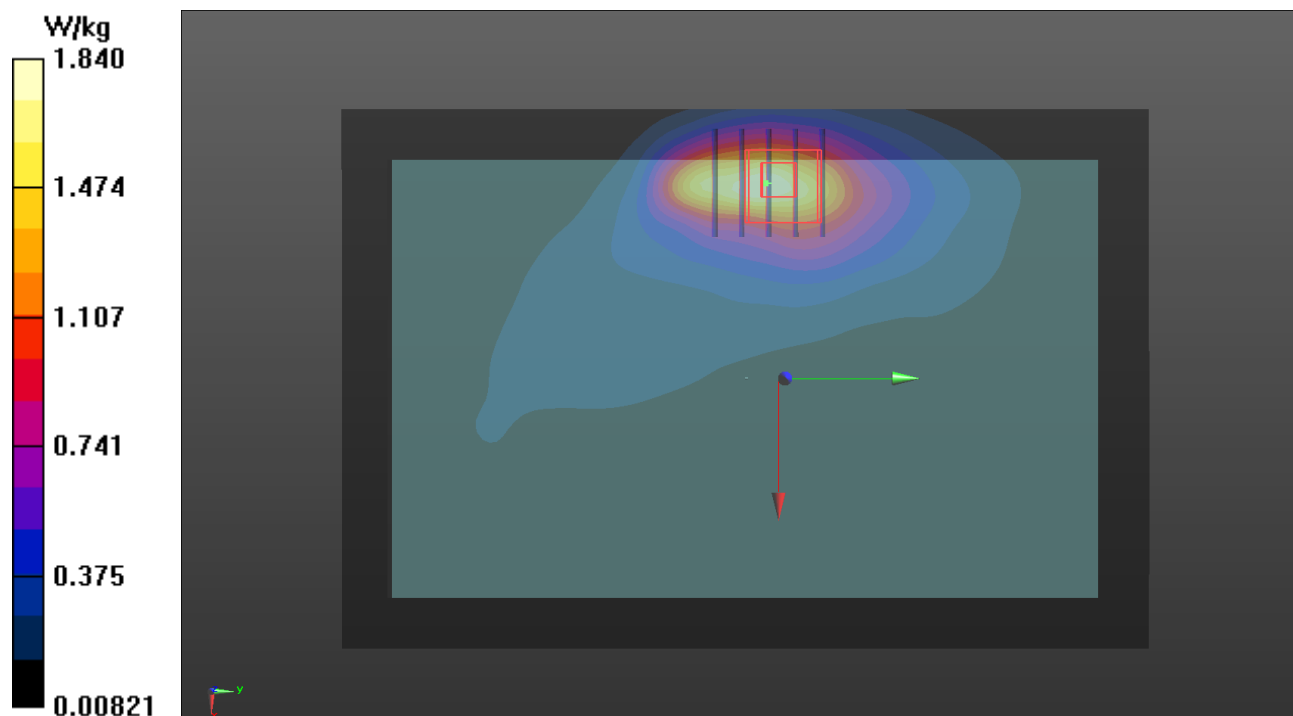
Peak SAR (extrapolated) = 2.11 W/kg

**SAR(1 g) = 1.10 W/kg; SAR(10 g) = 0.652 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 = 53%

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



## Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/09/16

**P08 LTE 13\_QPSK10M\_Rear Face\_0mm\_Ch23230\_1RB\_OS0\_Ant 0**

**DUT: BEXD-WTW-P22060937**

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

Medium: H06T09N1\_0916 Medium parameters used:  $f = 782$  MHz;  $\sigma = 0.925$  S/m;  $\epsilon_r = 41.499$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C ; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7537; ConvF(10.74, 10.74, 10.74) @ 782 MHz; Calibrated: 2022/04/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2022/04/21
- Phantom: ELI Phantom\_1245; Type: QDOVA002AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (121x171x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

Maximum value of SAR (interpolated) = 1.57 W/kg

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

Reference Value = 41.07 V/m; Power Drift = -0.07 dB

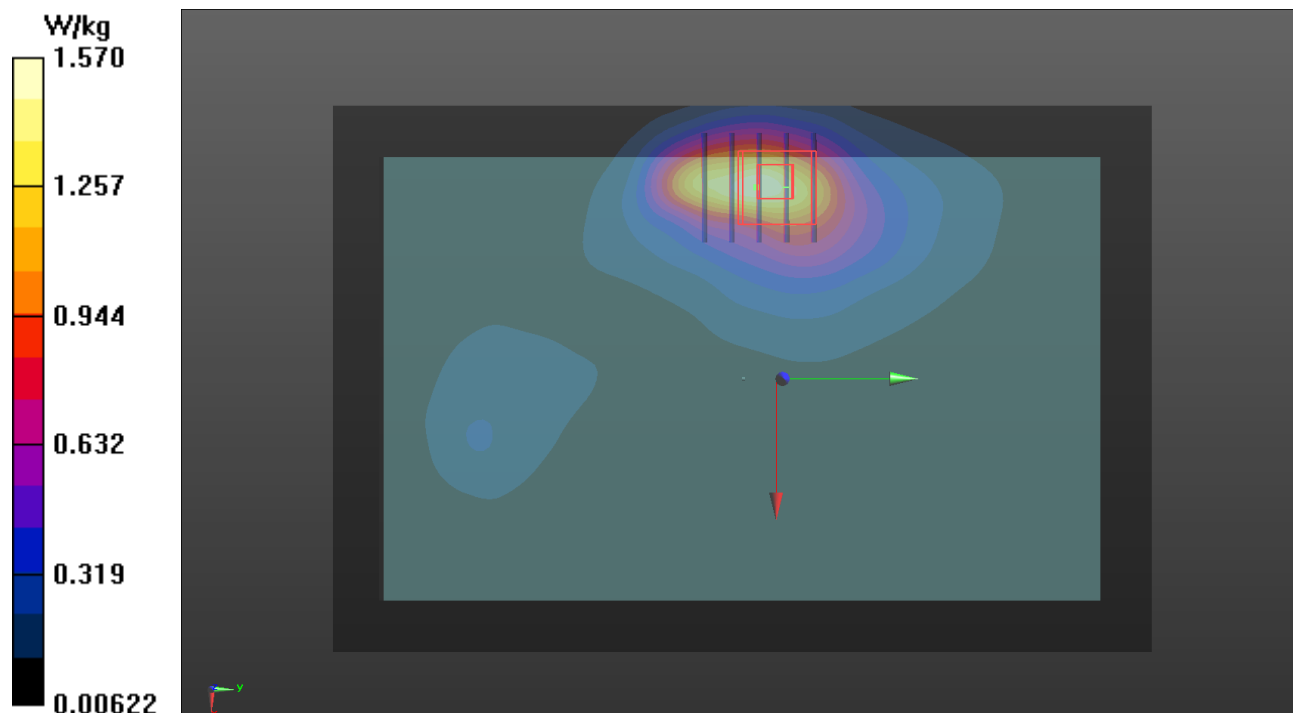
Peak SAR (extrapolated) = 1.72 W/kg

**SAR(1 g) = 0.918 W/kg; SAR(10 g) = 0.551 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 = 56.9%

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



## Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/11/09

**P18 LTE 14\_QPSK10M\_Rear Face\_0mm\_Ch23330\_1RB\_OS0\_Ant 0**

**DUT: BEXD-WTW-P22060937**

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

Medium: H06T09N1\_1109 Medium parameters used:  $f = 793$  MHz;  $\sigma = 0.907$  S/m;  $\epsilon_r = 40.48$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7537; ConvF(10.74, 10.74, 10.74) @ 793 MHz; Calibrated: 2022/04/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2022/04/21
- Phantom: ELI Phantom\_1245; Type: QDOVA002AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (111x161x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

Maximum value of SAR (interpolated) = 2.28 W/kg

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

Reference Value = 46.88 V/m; Power Drift = -0.08 dB

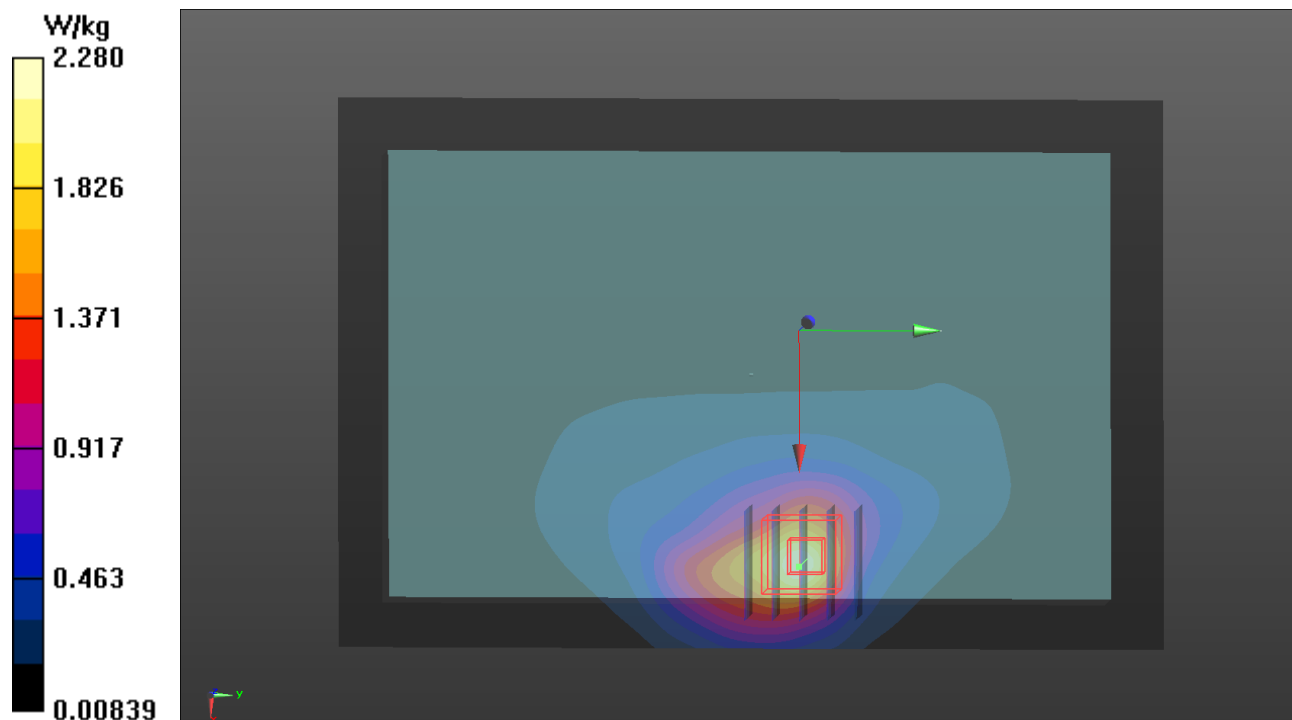
Peak SAR (extrapolated) = 1.74 W/kg

**SAR(1 g) = 0.935 W/kg; SAR(10 g) = 0.538 W/kg** (SAR corrected for target medium)

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

Ratio of SAR at M2 to SAR at M1 = 54.4%

Maximum value of SAR (measured) = 1.41 W/kg



## Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/09/13

**P09 LTE 25\_QPSK20M\_Rear Face\_0mm\_Ch26365\_1RB\_OS0\_Ant 0**

**DUT: BEXD-WTW-P22060937**

Communication System: UID 10169 - CAE, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 1882.5 MHz; Duty Cycle: 1:3.74

Medium: H16T20N1\_0913 Medium parameters used (interpolated):  $f = 1882.5$  MHz;  $\sigma = 1.428$  S/m;  $\epsilon_r = 38.671$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7537; ConvF(8.24, 8.24, 8.24) @ 1882.5 MHz; Calibrated: 2022/04/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2022/04/21
- Phantom: ELI Phantom\_1245; Type: QDOVA002AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (121x171x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 2.05 W/kg

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

Reference Value = 30.19 V/m; Power Drift = -0.09 dB

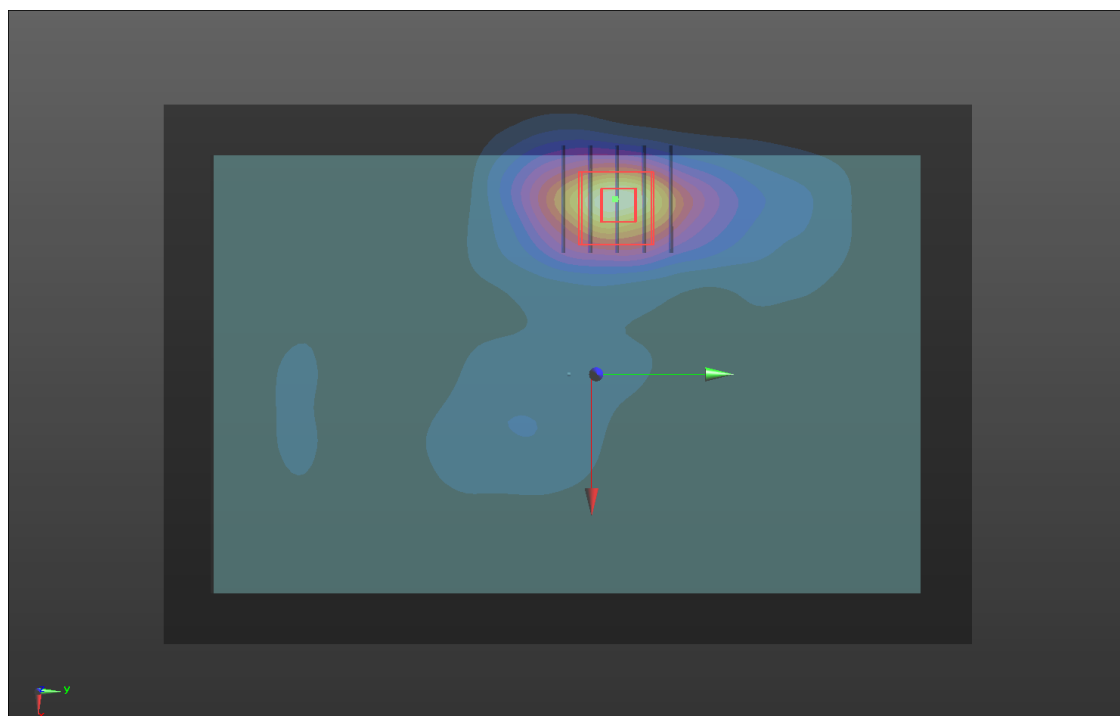
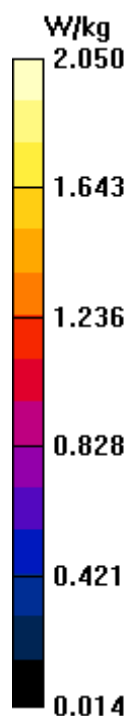
Peak SAR (extrapolated) = 1.65 W/kg

**SAR(1 g) = 0.937 W/kg; SAR(10 g) = 0.546 W/kg** (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 12.8 mm

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

Maximum value of SAR (measured) = 1.37 W/kg



## Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/09/15

**P10 LTE 26\_QPSK15M\_Rear Face\_0mm\_Ch26865\_1RB\_OS0\_Ant 0**

**DUT: BEXD-WTW-P22060937**

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

Medium: H07T10N1\_0915 Medium parameters used (interpolated):  $f = 831.5$  MHz;  $\sigma = 0.931$  S/m;  $\epsilon_r = 40.004$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7537; ConvF(10.5, 10.5, 10.5) @ 831.5 MHz; Calibrated: 2022/04/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2022/04/21
- Phantom: ELI Phantom\_1245; Type: QDOVA002AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (121x171x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 1.58 W/kg

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

Reference Value = 41.74 V/m; Power Drift = -0.07 dB

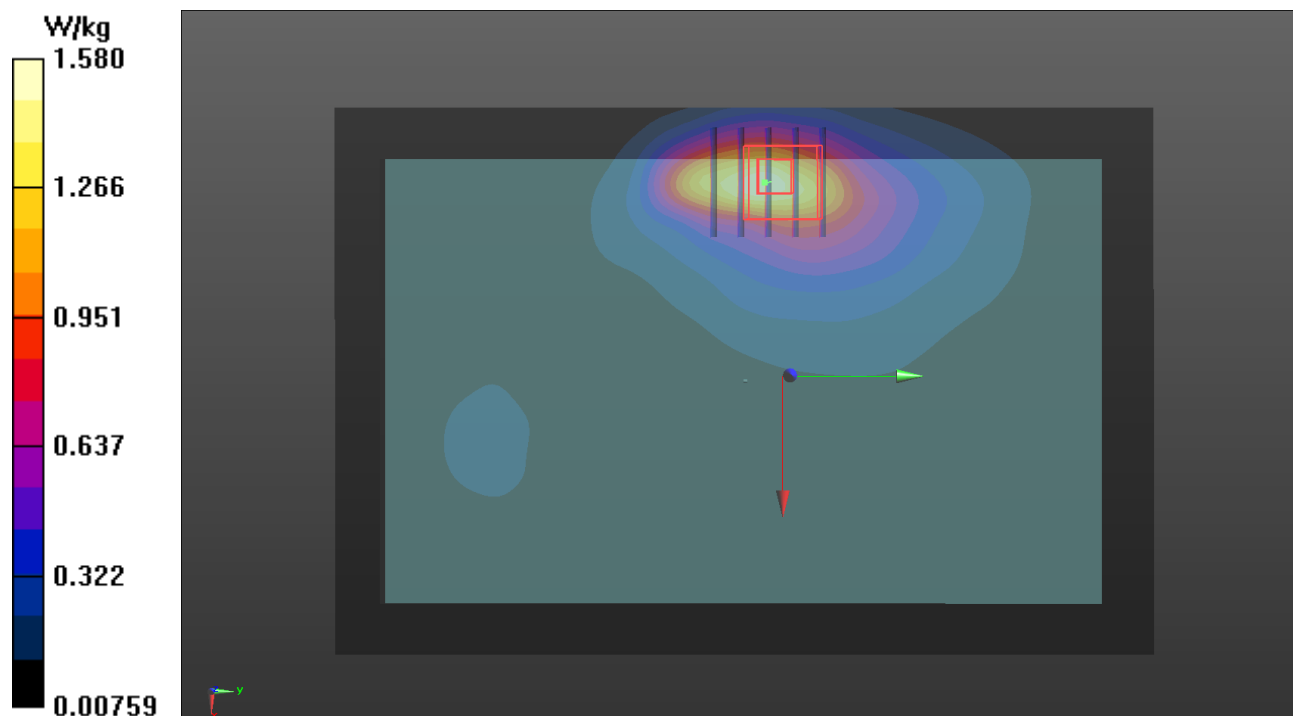
Peak SAR (extrapolated) = 1.82 W/kg

**SAR(1 g) = 0.944 W/kg; SAR(10 g) = 0.551 W/kg** (SAR corrected for target medium)

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

Ratio of SAR at M2 to SAR at M1 = 53.7%

Maximum value of SAR (measured) = 1.45 W/kg



## Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/09/16

**P11 LTE 30\_QPSK10M\_Rear Face\_0mm\_Ch27710\_1RB\_OS0\_Ant 0**

**DUT: BEXD-WTW-P22060937**

Communication System: UID 10175 - CAG, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK); Frequency: 2310 MHz; Duty Cycle: 1:3.74

Medium: H19T27N1\_0916 Medium parameters used:  $f = 2310$  MHz;  $\sigma = 1.666$  S/m;  $\epsilon_r = 39.593$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C ; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7537; ConvF(7.89, 7.89, 7.89) @ 2310 MHz; Calibrated: 2022/04/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2022/04/21
- Phantom: ELI Phantom\_1245; Type: QDOVA002AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (151x211x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.73 W/kg

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

Reference Value = 29.31 V/m; Power Drift = 0.03 dB

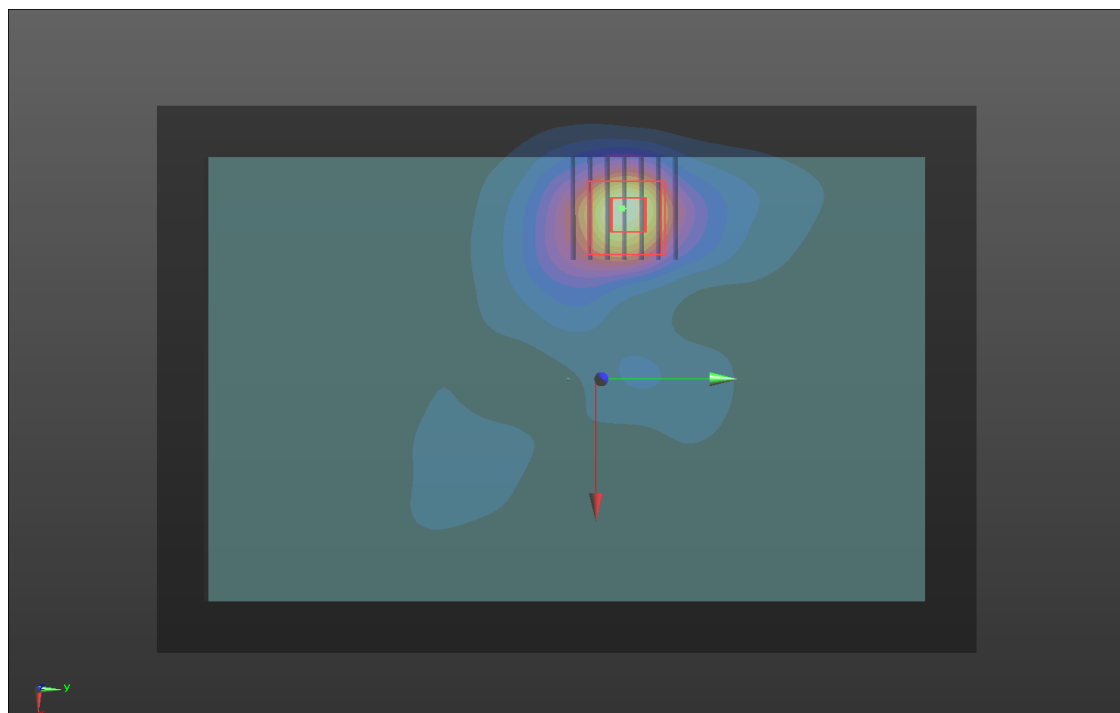
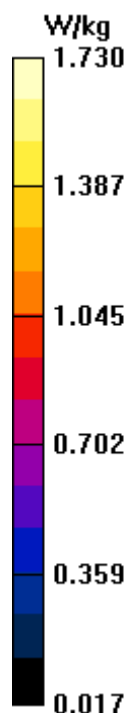
Peak SAR (extrapolated) = 2.07 W/kg

**SAR(1 g) = 1.11 W/kg; SAR(10 g) = 0.597 W/kg** (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 12.4 mm

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

Maximum value of SAR (measured) = 1.69 W/kg





## Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/09/14

**P12 LTE 41\_QPSK20M\_Rear Face\_0mm\_Ch41055\_1RB\_OS0\_Ant 0**

**DUT: BEXD-WTW-P22060937**

Communication System: UID 10172 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 2636.5 MHz; Duty Cycle: 1:8.33

Medium: H19T27N1\_0914 Medium parameters used (interpolated):  $f = 2636.5$  MHz;  $\sigma = 2.031$  S/m;  $\epsilon_r = 38.127$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7537; ConvF(7.52, 7.52, 7.52) @ 2636.5 MHz; Calibrated: 2022/04/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2022/04/21
- Phantom: ELI Phantom\_1245; Type: QDOVA002AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (141x201x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 1.77 W/kg

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

Reference Value = 29.16 V/m; Power Drift = -0.12 dB

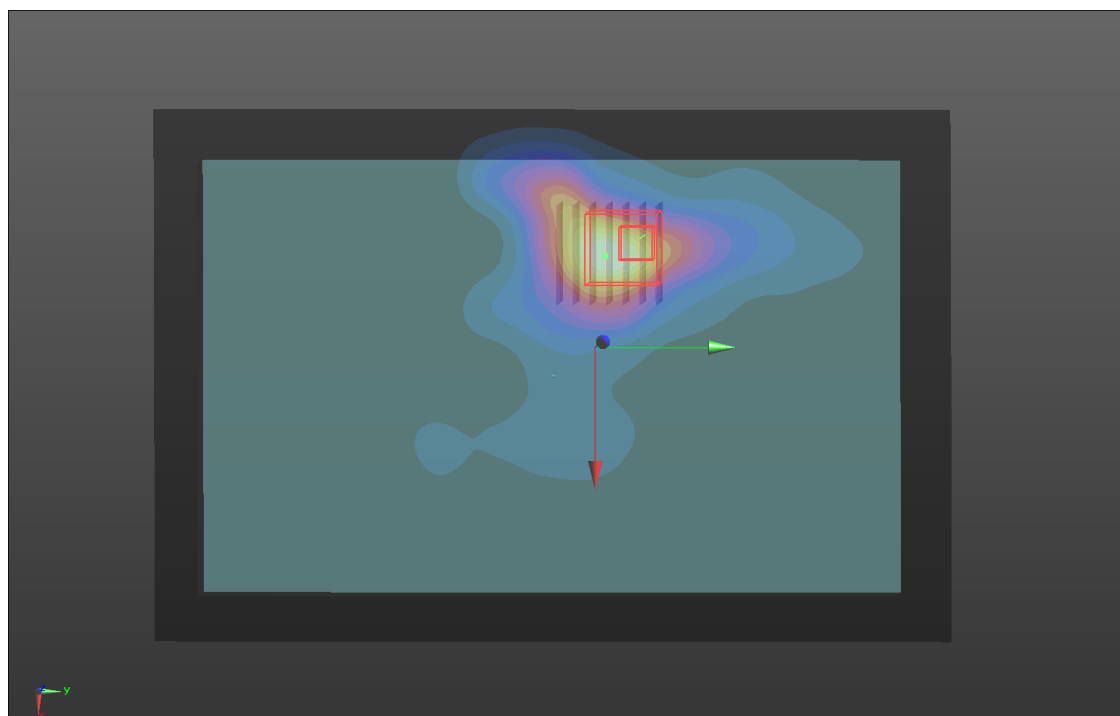
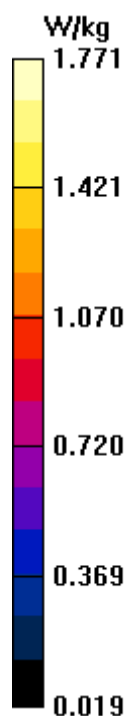
Peak SAR (extrapolated) = 2.29 W/kg

**SAR(1 g) = 1.07 W/kg; SAR(10 g) = 0.575 W/kg** (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 18 mm

Ratio of SAR at M2 to SAR at M1 = 45.8%

Maximum value of SAR (measured) = 1.77 W/kg



## Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/11/09

**P19 LTE 48\_QPSK20M\_Rear Face\_0mm\_Ch55780\_1RB\_OS0\_Ant 0**

**DUT: BEXD-WTW-P22060937**

Communication System: UID 10172 - CAH, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 3603 MHz; Duty Cycle: 1:8.33

Medium: H33T42N1\_1109 Medium parameters used (interpolated):  $f = 3603$  MHz;  $\sigma = 2.976$  S/m;  $\epsilon_r = 38.521$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7537; ConvF(6.6, 6.6, 6.6) @ 3603 MHz; Calibrated: 2022/04/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2022/04/21
- Phantom: ELI Phantom\_1245; Type: QDOVA002AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (91x201x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.77 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=2.5mm

Reference Value = 25.26 V/m; Power Drift = -0.07 dB

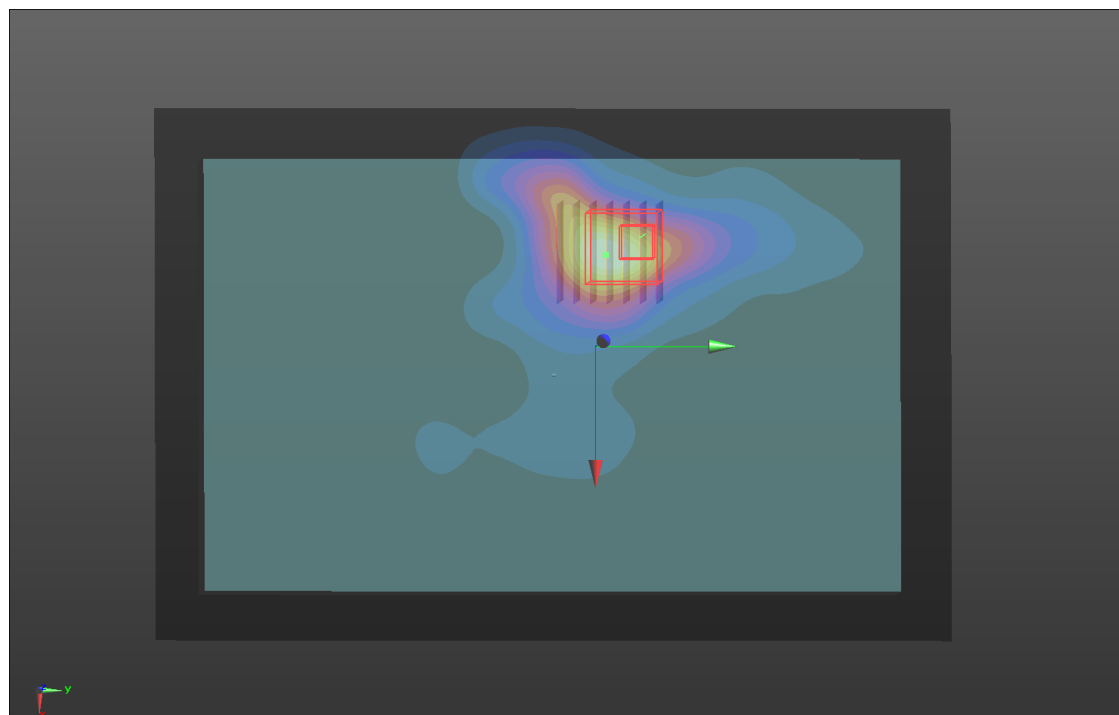
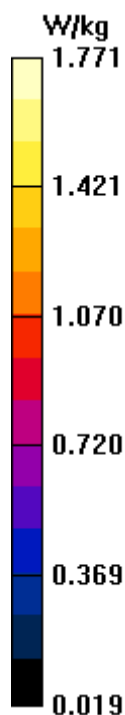
Peak SAR (extrapolated) = 2.54 W/kg

**SAR(1 g) = 0.967 W/kg; SAR(10 g) = 0.325 W/kg** (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 7.1 mm

Ratio of SAR at M2 to SAR at M1 = 63%

Maximum value of SAR (measured) = 1.77 W/kg



## Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/11/09

**P20 LTE 66\_QPSK20M\_Rear Face\_0mm\_Ch132072\_1RB\_OS0\_Ant 0**

**DUT: BEXD-WTW-P22060937**

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

Medium: H16T20N1\_1109 Medium parameters used:  $f = 1720$  MHz;  $\sigma = 1.357$  S/m;  $\epsilon_r = 39.175$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7537; ConvF(8.57, 8.57, 8.57) @ 1720 MHz; Calibrated: 2022/04/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2022/04/21
- Phantom: ELI Phantom\_1245; Type: QDOVA002AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (111x161x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 4.55 W/kg

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

Reference Value = 51.35 V/m; Power Drift = -0.04 dB

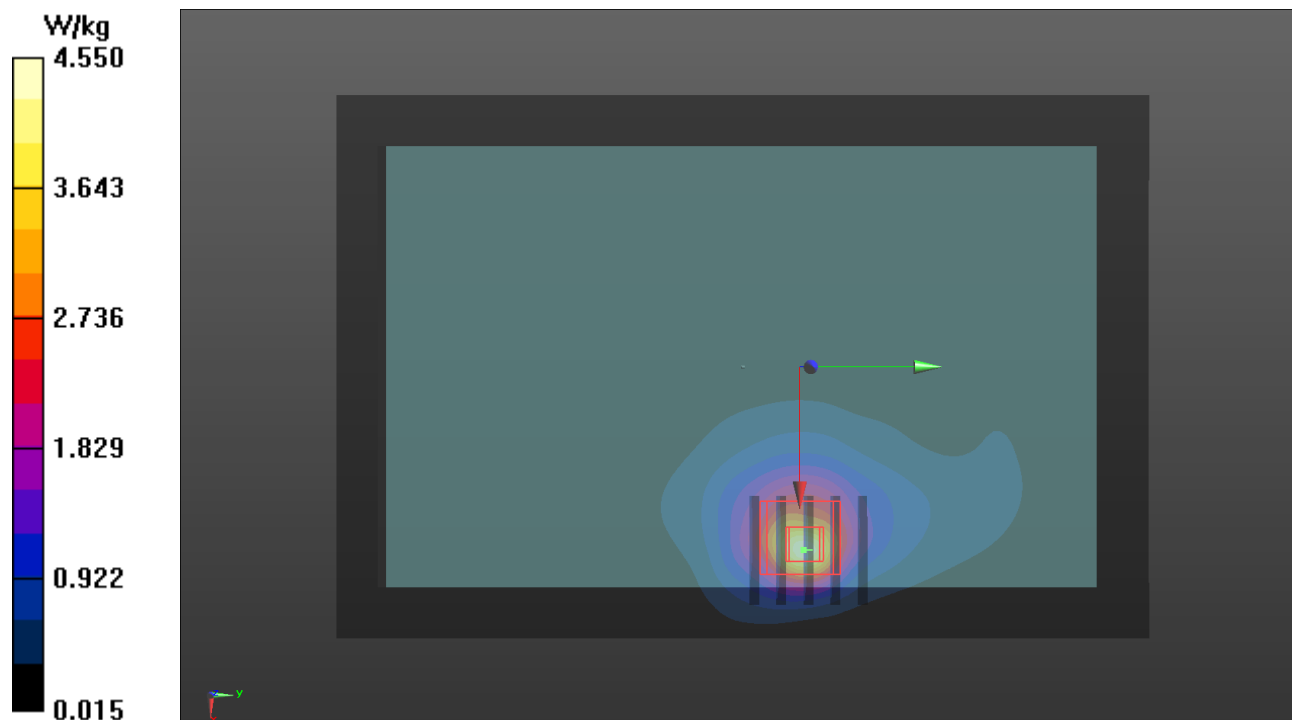
Peak SAR (extrapolated) = 2.12 W/kg

**SAR(1 g) = 1.03 W/kg; SAR(10 g) = 0.566 W/kg** (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 10.7 mm

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

Maximum value of SAR (measured) = 1.69 W/kg



## Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/11/09

**P21 LTE 71\_QPSK20M\_Rear Face\_0mm\_Ch133372\_1RB\_OS0\_Ant 0**

**DUT: BEXD-WTW-P22060937**

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

Medium: H06T09N1\_1109 Medium parameters used:  $f = 688$  MHz;  $\sigma = 0.901$  S/m;  $\epsilon_r = 40.954$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7537; ConvF(10.74, 10.74, 10.74) @ 688 MHz; Calibrated: 2022/04/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2022/04/21
- Phantom: ELI Phantom\_1245; Type: QDOVA002AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (111x161x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.80 W/kg

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

Reference Value = 45.46 V/m; Power Drift = -0.05 dB

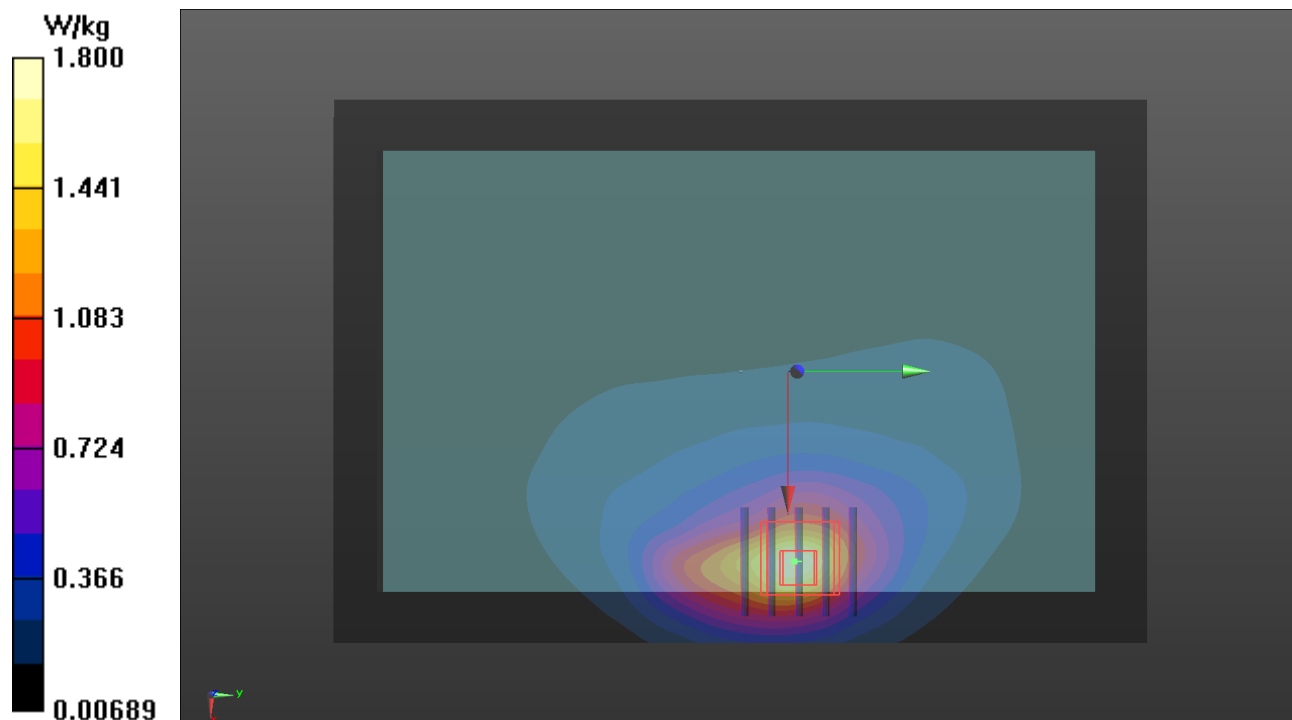
Peak SAR (extrapolated) = 2.02 W/kg

**SAR(1 g) = 1.05 W/kg; SAR(10 g) = 0.623 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 = 53.5%

Maximum value of SAR (measured) = 1.57 W/kg



## **Appendix D. Maximum Target Conducted Power**

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

| WCDMA Max. Tune-up Power |                         |                            |
|--------------------------|-------------------------|----------------------------|
| Mode                     | RMC 12.2K               | HSDPA<br>DC-HSDPA<br>HSUPA |
|                          | Maximum<br>Target Power | Maximum<br>Target Power    |
| WCDMA Band II            | 20.0                    | 19.5                       |
| WCDMA Band IV            | 20.0                    | 19.5                       |
| WCDMA Band V             | 20.0                    | 19.5                       |

| LTE Max. Tune-up Power |                         |                         |
|------------------------|-------------------------|-------------------------|
| Mode                   | QPSK                    | 16QAM                   |
|                        | Maximum<br>Target Power | Maximum<br>Target Power |
| LTE 2                  | 19.5                    | 18.5                    |
| LTE 4                  | 19.5                    | 18.5                    |
| LTE 5                  | 22.0                    | 21.0                    |
| LTE 7                  | 20.0                    | 19.0                    |
| LTE 12                 | 22.0                    | 21.0                    |
| LTE 13                 | 22.0                    | 21.0                    |
| LTE 14                 | 21.5                    | 20.5                    |
| LTE 17                 | 22.0                    | 21.0                    |
| LTE 25                 | 19.5                    | 18.5                    |
| LTE 26                 | 22.0                    | 21.0                    |
| LTE 30                 | 21.5                    | 20.5                    |
| LTE 38                 | 23.5                    | 22.5                    |
| LTE 41                 | 23.5                    | 22.5                    |
| LTE 48                 | 17.0                    | 16.0                    |
| LTE 66                 | 19.0                    | 18.0                    |
| LTE 71                 | 23.5                    | 22.5                    |

## Appendix E. Measured Conducted Power Result

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



| 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                    | 19.76    | 19.87 | 19.66  | 19.61    | 19.79  | 19.67  | 19.94   | 19.97 | 19.82 |
| HSDPA Subtest-1              | 19.23    | 19.34 | 19.13  | 19.27    | 19.25  | 19.36  | 19.02   | 19.13 | 19.04 |
| HSDPA Subtest-2              | 19.27    | 19.38 | 19.17  | 19.23    | 19.24  | 19.34  | 19.06   | 19.06 | 19.02 |
| HSDPA Subtest-3              | 18.56    | 18.67 | 18.46  | 18.79    | 18.74  | 18.84  | 18.55   | 18.61 | 18.53 |
| HSDPA Subtest-4              | 18.61    | 18.72 | 18.51  | 18.76    | 18.75  | 18.86  | 18.52   | 18.59 | 18.58 |
| DC-HSDPA Subtest-1           | 19.00    | 19.11 | 18.90  | 19.17    | 19.22  | 19.28  | 18.98   | 19.07 | 18.98 |
| DC-HSDPA Subtest-2           | 19.05    | 19.16 | 18.95  | 19.11    | 19.18  | 19.24  | 19.02   | 19.05 | 19.05 |
| DC-HSDPA Subtest-3           | 18.65    | 18.76 | 18.55  | 18.81    | 18.86  | 18.81  | 18.62   | 18.73 | 18.78 |
| DC-HSDPA Subtest-4           | 18.63    | 18.74 | 18.53  | 18.77    | 18.81  | 18.83  | 18.71   | 18.84 | 18.74 |
| HSUPA Subtest-1              | 19.04    | 19.15 | 18.94  | 19.18    | 19.14  | 19.26  | 18.98   | 18.96 | 19.01 |
| HSUPA Subtest-2              | 16.97    | 17.08 | 16.87  | 17.31    | 17.17  | 17.21  | 17.01   | 16.95 | 16.97 |
| HSUPA Subtest-3              | 18.00    | 18.11 | 17.90  | 18.32    | 18.19  | 18.22  | 17.91   | 17.92 | 17.95 |
| HSUPA Subtest-4              | 17.11    | 17.22 | 17.01  | 17.27    | 17.17  | 17.32  | 16.87   | 17.09 | 17.02 |
| HSUPA Subtest-5              | 18.92    | 19.03 | 18.82  | 19.23    | 19.21  | 19.24  | 18.81   | 18.83 | 18.91 |

| LTE Conducted Power (Full) |                 |                 |           |       |        |       |               |
|----------------------------|-----------------|-----------------|-----------|-------|--------|-------|---------------|
| LTE Band 2                 |                 |                 |           |       |        |       |               |
| BW                         | MCS Index       | RB Size         | RB Offset | Low   | Mid    | High  | 3GPP MPR (dB) |
|                            |                 | Channel         |           | 18700 | 18900  | 19100 |               |
|                            |                 | Frequency (MHz) |           | 1860  | 1880   | 1900  |               |
| 20M                        | QPSK            | 1               | 0         | 19.33 | 19.40  | 19.31 | 0             |
|                            |                 | 1               | 50        | 19.20 | 19.25  | 19.20 | 0             |
|                            |                 | 1               | 99        | 19.31 | 19.25  | 19.21 | 0             |
|                            |                 | 50              | 0         | 18.27 | 18.30  | 18.17 | 1             |
|                            |                 | 50              | 25        | 18.31 | 18.29  | 18.24 | 1             |
|                            |                 | 50              | 50        | 18.24 | 18.26  | 18.29 | 1             |
|                            |                 | 100             | 0         | 18.25 | 18.24  | 18.21 | 1             |
| 20M                        | 16QAM           | 1               | 0         | 18.19 | 18.34  | 18.09 | 1             |
|                            |                 | 1               | 50        | 18.18 | 18.25  | 18.08 | 1             |
|                            |                 | 1               | 99        | 17.12 | 17.18  | 17.07 | 1             |
|                            |                 | 50              | 0         | 17.00 | 17.04  | 16.91 | 2             |
|                            |                 | 50              | 25        | 17.00 | 17.02  | 16.93 | 2             |
|                            |                 | 50              | 50        | 16.96 | 17.06  | 16.98 | 2             |
|                            |                 | 100             | 0         | 16.88 | 17.06  | 16.91 | 2             |
|                            |                 | Channel         |           | 18675 | 18900  | 19125 | 3GPP MPR      |
|                            | Frequency (MHz) |                 | 1857.5    | 1880  | 1902.5 |       |               |
| 15M                        | QPSK            | 1               | 0         | 19.21 | 19.24  | 19.14 | 0             |
|                            |                 | 1               | 37        | 19.22 | 19.30  | 19.22 | 0             |
|                            |                 | 1               | 74        | 19.23 | 19.19  | 19.12 | 0             |
|                            |                 | 36              | 0         | 18.23 | 18.25  | 18.16 | 1             |
|                            |                 | 36              | 19        | 18.14 | 18.25  | 18.16 | 1             |
|                            |                 | 36              | 39        | 18.22 | 18.27  | 18.12 | 1             |
|                            |                 | 75              | 0         | 18.14 | 18.28  | 18.13 | 1             |
| 15M                        | 16QAM           | 1               | 0         | 18.14 | 18.25  | 18.10 | 1             |
|                            |                 | 1               | 37        | 18.14 | 18.12  | 18.10 | 1             |
|                            |                 | 1               | 74        | 17.01 | 17.07  | 17.01 | 1             |
|                            |                 | 36              | 0         | 16.94 | 16.96  | 16.83 | 2             |
|                            |                 | 36              | 19        | 16.98 | 17.10  | 16.98 | 2             |
|                            |                 | 36              | 39        | 16.95 | 17.05  | 16.88 | 2             |
|                            |                 | 75              | 0         | 16.95 | 16.85  | 16.83 | 2             |

| LTE Conducted Power (Full) |                     |                 |           |        |       |        |      |
|----------------------------|---------------------|-----------------|-----------|--------|-------|--------|------|
| LTE Band 2                 |                     |                 |           |        |       |        |      |
| BW                         | MCS<br>MCS<br>Index | RB Size         | RB Offset | Low    | Mid   | High   | 3GPP |
|                            |                     | Channel         |           | 18650  | 18900 | 19150  | 3GPP |
|                            |                     | Frequency (MHz) |           | 1855   | 1880  | 1905   | MPR  |
| 10M                        | QPSK                | 1               | 0         | 19.24  | 19.36 | 19.18  | 0    |
|                            |                     | 1               | 24        | 19.21  | 19.36 | 19.18  | 0    |
|                            |                     | 1               | 49        | 19.17  | 19.29 | 19.18  | 0    |
|                            |                     | 25              | 0         | 18.18  | 18.31 | 18.25  | 1    |
|                            |                     | 25              | 12        | 18.26  | 18.30 | 18.26  | 1    |
|                            |                     | 25              | 25        | 18.18  | 18.25 | 18.16  | 1    |
|                            |                     | 50              | 0         | 18.22  | 18.28 | 18.20  | 1    |
| 10M                        | 16QAM               | 1               | 0         | 18.12  | 18.18 | 18.11  | 1    |
|                            |                     | 1               | 24        | 18.08  | 18.21 | 17.99  | 1    |
|                            |                     | 1               | 49        | 16.88  | 17.08 | 17.01  | 1    |
|                            |                     | 25              | 0         | 16.96  | 16.97 | 16.89  | 2    |
|                            |                     | 25              | 12        | 17.04  | 16.98 | 17.04  | 2    |
|                            |                     | 25              | 25        | 16.90  | 17.00 | 16.90  | 2    |
|                            |                     | 50              | 0         | 16.82  | 17.02 | 16.80  | 2    |
| BW                         | MCS<br>Index        | Channel         |           | 18625  | 18900 | 19175  | 3GPP |
|                            |                     | Frequency (MHz) |           | 1852.5 | 1880  | 1907.5 | MPR  |
| 5M                         | QPSK                | 1               | 0         | 19.29  | 19.36 | 19.27  | 0    |
|                            |                     | 1               | 12        | 19.17  | 19.29 | 19.20  | 0    |
|                            |                     | 1               | 24        | 19.17  | 19.23 | 19.12  | 0    |
|                            |                     | 12              | 0         | 18.16  | 18.30 | 18.22  | 1    |
|                            |                     | 12              | 6         | 18.13  | 18.32 | 18.20  | 1    |
|                            |                     | 12              | 13        | 18.12  | 18.37 | 18.21  | 1    |
|                            |                     | 25              | 0         | 18.12  | 18.25 | 18.15  | 1    |
| 5M                         | 16QAM               | 1               | 0         | 18.14  | 18.26 | 18.22  | 1    |
|                            |                     | 1               | 12        | 18.20  | 18.20 | 18.14  | 1    |
|                            |                     | 1               | 24        | 17.03  | 17.14 | 16.95  | 1    |
|                            |                     | 12              | 0         | 16.76  | 16.95 | 16.79  | 2    |
|                            |                     | 12              | 6         | 16.96  | 17.11 | 17.00  | 2    |
|                            |                     | 12              | 13        | 16.99  | 16.93 | 16.91  | 2    |
|                            |                     | 25              | 0         | 16.94  | 16.97 | 16.85  | 2    |

| LTE Conducted Power (Full) |                     |                 |           |        |       |        |      |
|----------------------------|---------------------|-----------------|-----------|--------|-------|--------|------|
| LTE Band 2                 |                     |                 |           |        |       |        |      |
| BW                         | MCS<br>MCS<br>Index | RB Size         | RB Offset | Low    | Mid   | High   | 3GPP |
|                            |                     | Channel         |           | 18615  | 18900 | 19185  | 3GPP |
|                            |                     | Frequency (MHz) |           | 1851.5 | 1880  | 1908.5 | MPR  |
| 3M                         | QPSK                | 1               | 0         | 19.18  | 19.28 | 19.24  | 0    |
|                            |                     | 1               | 7         | 19.28  | 19.33 | 19.19  | 0    |
|                            |                     | 1               | 14        | 19.24  | 19.32 | 19.23  | 0    |
|                            |                     | 8               | 0         | 18.31  | 18.26 | 18.22  | 1    |
|                            |                     | 8               | 3         | 18.31  | 18.38 | 18.18  | 1    |
|                            |                     | 8               | 7         | 18.18  | 18.38 | 18.21  | 1    |
|                            |                     | 15              | 0         | 18.21  | 18.22 | 18.08  | 1    |
| 3M                         | 16QAM               | 1               | 0         | 18.26  | 18.25 | 18.17  | 1    |
|                            |                     | 1               | 7         | 18.12  | 18.23 | 18.17  | 1    |
|                            |                     | 1               | 14        | 16.99  | 17.01 | 16.89  | 1    |
|                            |                     | 8               | 0         | 16.80  | 16.96 | 16.75  | 2    |
|                            |                     | 8               | 3         | 16.95  | 17.00 | 16.98  | 2    |
|                            |                     | 8               | 7         | 16.88  | 17.03 | 16.87  | 2    |
|                            |                     | 15              | 0         | 16.85  | 17.02 | 16.81  | 2    |
| BW                         | MCS<br>Index        | Channel         |           | 18607  | 18900 | 19193  | 3GPP |
|                            |                     | Frequency (MHz) |           | 1850.7 | 1880  | 1909.3 | MPR  |
| 1.4M                       | QPSK                | 1               | 0         | 19.26  | 19.18 | 19.26  | 0    |
|                            |                     | 1               | 2         | 19.10  | 19.27 | 19.03  | 0    |
|                            |                     | 1               | 5         | 19.27  | 19.25 | 18.94  | 0    |
|                            |                     | 3               | 0         | 19.07  | 19.21 | 19.02  | 0    |
|                            |                     | 3               | 1         | 19.21  | 19.24 | 19.14  | 0    |
|                            |                     | 3               | 3         | 19.17  | 19.11 | 18.99  | 0    |
|                            |                     | 6               | 0         | 18.13  | 18.18 | 18.13  | 1    |
| 1.4M                       | 16QAM               | 1               | 0         | 18.08  | 18.22 | 18.05  | 1    |
|                            |                     | 1               | 2         | 18.08  | 18.10 | 17.93  | 1    |
|                            |                     | 1               | 5         | 17.76  | 17.99 | 17.89  | 1    |
|                            |                     | 3               | 0         | 17.70  | 17.88 | 17.80  | 1    |
|                            |                     | 3               | 1         | 17.88  | 18.07 | 17.87  | 1    |
|                            |                     | 3               | 3         | 17.76  | 17.88 | 17.92  | 1    |
|                            |                     | 6               | 0         | 16.87  | 16.93 | 16.72  | 2    |

| LTE Conducted Power (Full) |           |                 |           |        |        |        |               |
|----------------------------|-----------|-----------------|-----------|--------|--------|--------|---------------|
| LTE Band 4                 |           |                 |           |        |        |        |               |
| BW                         | MCS Index | RB Size         | RB Offset | Low    | Mid    | High   | 3GPP MPR (dB) |
|                            |           | Channel         |           | 20050  | 20175  | 20300  |               |
|                            |           | Frequency (MHz) |           | 1720   | 1732.5 | 1745   |               |
| 20M                        | QPSK      | 1               | 0         | 19.42  | 19.46  | 19.43  | 0             |
|                            |           | 1               | 50        | 19.31  | 19.42  | 19.34  | 0             |
|                            |           | 1               | 99        | 19.27  | 19.40  | 19.29  | 0             |
|                            |           | 50              | 0         | 18.34  | 18.46  | 18.37  | 1             |
|                            |           | 50              | 25        | 18.30  | 18.45  | 18.33  | 1             |
|                            |           | 50              | 50        | 18.28  | 18.43  | 18.29  | 1             |
|                            |           | 100             | 0         | 18.20  | 18.39  | 18.23  | 1             |
| 20M                        | 16QAM     | 1               | 0         | 18.31  | 18.42  | 18.34  | 1             |
|                            |           | 1               | 50        | 18.28  | 18.41  | 18.31  | 1             |
|                            |           | 1               | 99        | 18.21  | 18.38  | 18.23  | 1             |
|                            |           | 50              | 0         | 17.31  | 17.45  | 17.34  | 2             |
|                            |           | 50              | 25        | 17.29  | 17.44  | 17.32  | 2             |
|                            |           | 50              | 50        | 17.27  | 17.43  | 17.29  | 2             |
|                            |           | 100             | 0         | 17.24  | 17.42  | 17.29  | 2             |
| BW                         | MCS Index | Channel         |           | 20025  | 20175  | 20325  | 3GPP MPR      |
|                            |           | Frequency (MHz) |           | 1717.5 | 1732.5 | 1747.5 |               |
|                            |           |                 |           |        |        |        |               |
| 15M                        | QPSK      | 1               | 0         | 19.37  | 19.42  | 19.37  | 0             |
|                            |           | 1               | 37        | 19.24  | 19.35  | 19.31  | 0             |
|                            |           | 1               | 74        | 19.23  | 19.30  | 19.21  | 0             |
|                            |           | 36              | 0         | 18.25  | 18.29  | 18.32  | 1             |
|                            |           | 36              | 19        | 18.26  | 18.44  | 18.25  | 1             |
|                            |           | 36              | 39        | 18.28  | 18.37  | 18.21  | 1             |
|                            |           | 75              | 0         | 18.13  | 18.42  | 18.16  | 1             |
| 15M                        | 16QAM     | 1               | 0         | 18.23  | 18.40  | 18.24  | 1             |
|                            |           | 1               | 37        | 18.20  | 18.32  | 18.23  | 1             |
|                            |           | 1               | 74        | 18.17  | 18.32  | 18.13  | 1             |
|                            |           | 36              | 0         | 17.24  | 17.45  | 17.34  | 2             |
|                            |           | 36              | 19        | 17.25  | 17.35  | 17.26  | 2             |
|                            |           | 36              | 39        | 17.26  | 17.43  | 17.28  | 2             |
|                            |           | 75              | 0         | 17.14  | 17.39  | 17.19  | 2             |

| LTE Conducted Power (Full) |                     |                 |           |        |        |        |      |
|----------------------------|---------------------|-----------------|-----------|--------|--------|--------|------|
| LTE Band 4                 |                     |                 |           |        |        |        |      |
| BW                         | MCS<br>MCS<br>Index | RB Size         | RB Offset | Low    | Mid    | High   | 3GPP |
| BW                         | MCS<br>MCS<br>Index | Channel         |           | 20000  | 20175  | 20350  | 3GPP |
|                            |                     | Frequency (MHz) |           | 1715   | 1732.5 | 1750   | MPR  |
|                            |                     | RB Size         | RB Offset | Low    | Mid    | High   | 3GPP |
| 10M                        | QPSK                | 1               | 0         | 19.30  | 19.40  | 19.37  | 0    |
|                            |                     | 1               | 24        | 19.16  | 19.23  | 19.24  | 0    |
|                            |                     | 1               | 49        | 19.13  | 19.22  | 19.14  | 0    |
|                            |                     | 25              | 0         | 18.18  | 18.18  | 18.17  | 1    |
|                            |                     | 25              | 12        | 18.11  | 18.37  | 18.23  | 1    |
|                            |                     | 25              | 25        | 18.15  | 18.22  | 18.09  | 1    |
|                            |                     | 50              | 0         | 18.06  | 18.28  | 18.10  | 1    |
| 10M                        | 16QAM               | 1               | 0         | 18.13  | 18.37  | 18.20  | 1    |
|                            |                     | 1               | 24        | 18.19  | 18.28  | 18.18  | 1    |
|                            |                     | 1               | 49        | 18.13  | 18.27  | 18.07  | 1    |
|                            |                     | 25              | 0         | 17.19  | 17.40  | 17.23  | 2    |
|                            |                     | 25              | 12        | 17.22  | 17.20  | 17.12  | 2    |
|                            |                     | 25              | 25        | 17.20  | 17.37  | 17.18  | 2    |
|                            |                     | 50              | 0         | 17.00  | 17.33  | 17.08  | 2    |
| BW                         | MCS<br>MCS<br>Index | Channel         |           | 19975  | 20175  | 20375  | 3GPP |
| BW                         | MCS<br>MCS<br>Index | Frequency (MHz) |           | 1712.5 | 1732.5 | 1752.5 | MPR  |
|                            |                     | RB Size         | RB Offset | Low    | Mid    | High   | 3GPP |
|                            |                     | RB Size         | RB Offset | Low    | Mid    | High   | 3GPP |
| 5M                         | QPSK                | 1               | 0         | 19.30  | 19.40  | 19.37  | 0    |
|                            |                     | 1               | 12        | 19.27  | 19.39  | 19.33  | 0    |
|                            |                     | 1               | 24        | 19.28  | 19.35  | 19.32  | 0    |
|                            |                     | 12              | 0         | 18.36  | 18.47  | 18.30  | 1    |
|                            |                     | 12              | 6         | 18.31  | 18.38  | 18.32  | 1    |
|                            |                     | 12              | 13        | 18.21  | 18.38  | 18.30  | 1    |
|                            |                     | 25              | 0         | 18.23  | 18.23  | 18.20  | 1    |
| 5M                         | 16QAM               | 1               | 0         | 18.31  | 18.44  | 18.33  | 1    |
|                            |                     | 1               | 12        | 18.23  | 18.33  | 18.27  | 1    |
|                            |                     | 1               | 24        | 18.05  | 18.30  | 18.18  | 1    |
|                            |                     | 12              | 0         | 17.32  | 17.43  | 17.37  | 2    |
|                            |                     | 12              | 6         | 17.23  | 17.38  | 17.32  | 2    |
|                            |                     | 12              | 13        | 17.22  | 17.34  | 17.30  | 2    |
|                            |                     | 25              | 0         | 17.19  | 17.32  | 17.21  | 2    |

| LTE Conducted Power (Full) |                     |                 |           |        |        |        |      |
|----------------------------|---------------------|-----------------|-----------|--------|--------|--------|------|
| LTE Band 4                 |                     |                 |           |        |        |        |      |
| BW                         | MCS<br>MCS<br>Index | RB Size         | RB Offset | Low    | Mid    | High   | 3GPP |
|                            |                     | Channel         |           | 19965  | 20175  | 20385  | 3GPP |
|                            |                     | Frequency (MHz) |           | 1711.5 | 1732.5 | 1753.5 | MPR  |
| 3M                         | QPSK                | 1               | 0         | 19.34  | 19.44  | 19.30  | 0    |
|                            |                     | 1               | 7         | 19.30  | 19.36  | 19.29  | 0    |
|                            |                     | 1               | 14        | 19.28  | 19.31  | 19.29  | 0    |
|                            |                     | 8               | 0         | 18.36  | 18.47  | 18.39  | 1    |
|                            |                     | 8               | 3         | 18.25  | 18.40  | 18.28  | 1    |
|                            |                     | 8               | 7         | 18.21  | 18.36  | 18.23  | 1    |
|                            |                     | 15              | 0         | 18.17  | 18.28  | 18.21  | 1    |
| 3M                         | 16QAM               | 1               | 0         | 18.32  | 18.43  | 18.29  | 1    |
|                            |                     | 1               | 7         | 18.31  | 18.38  | 18.24  | 1    |
|                            |                     | 1               | 14        | 18.20  | 18.18  | 18.17  | 1    |
|                            |                     | 8               | 0         | 17.35  | 17.44  | 17.36  | 2    |
|                            |                     | 8               | 3         | 17.24  | 17.32  | 17.34  | 2    |
|                            |                     | 8               | 7         | 17.27  | 17.32  | 17.30  | 2    |
|                            |                     | 15              | 0         | 17.28  | 17.34  | 17.25  | 2    |
| BW                         | MCS<br>Index        | Channel         |           | 19957  | 20175  | 20393  | 3GPP |
|                            |                     | Frequency (MHz) |           | 1710.7 | 1732.5 | 1754.3 | MPR  |
| 1.4M                       | QPSK                | 1               | 0         | 19.24  | 19.41  | 19.29  | 0    |
|                            |                     | 1               | 2         | 19.22  | 19.38  | 19.17  | 0    |
|                            |                     | 1               | 5         | 19.23  | 19.24  | 19.17  | 0    |
|                            |                     | 3               | 0         | 19.25  | 19.21  | 19.17  | 0    |
|                            |                     | 3               | 1         | 19.12  | 19.27  | 19.30  | 0    |
|                            |                     | 3               | 3         | 19.23  | 19.26  | 19.14  | 0    |
|                            |                     | 6               | 0         | 18.09  | 18.33  | 18.17  | 1    |
| 1.4M                       | 16QAM               | 1               | 0         | 18.18  | 18.29  | 18.13  | 1    |
|                            |                     | 1               | 2         | 18.17  | 18.29  | 18.20  | 1    |
|                            |                     | 1               | 5         | 19.06  | 19.30  | 19.05  | 1    |
|                            |                     | 3               | 0         | 18.17  | 18.32  | 18.25  | 1    |
|                            |                     | 3               | 1         | 18.26  | 18.35  | 18.25  | 1    |
|                            |                     | 3               | 3         | 18.09  | 18.26  | 18.12  | 1    |
|                            |                     | 6               | 0         | 17.15  | 17.24  | 17.16  | 2    |

| LTE Conducted Power (Full) |           |                 |           |       |       |       |               |
|----------------------------|-----------|-----------------|-----------|-------|-------|-------|---------------|
| LTE Band 5                 |           |                 |           |       |       |       |               |
| BW                         | MCS Index | RB Size         | RB Offset | Low   | Mid   | High  | 3GPP MPR (dB) |
|                            |           | Channel         |           | 20450 | 20525 | 20600 |               |
|                            |           | Frequency (MHz) |           | 829   | 836.5 | 844   |               |
| 10M                        | QPSK      | 1               | 0         | 21.85 | 21.91 | 21.84 | 0             |
|                            |           | 1               | 24        | 21.71 | 21.77 | 21.70 | 0             |
|                            |           | 1               | 49        | 21.67 | 21.73 | 21.66 | 0             |
|                            |           | 25              | 0         | 20.81 | 20.83 | 20.80 | 1             |
|                            |           | 25              | 12        | 20.76 | 20.82 | 20.75 | 1             |
|                            |           | 25              | 25        | 20.71 | 20.78 | 20.70 | 1             |
|                            |           | 50              | 0         | 20.70 | 20.73 | 20.68 | 1             |
| 10M                        | 16QAM     | 1               | 0         | 20.91 | 20.97 | 20.88 | 1             |
|                            |           | 1               | 24        | 20.86 | 20.90 | 20.85 | 1             |
|                            |           | 1               | 49        | 20.82 | 20.89 | 20.81 | 1             |
|                            |           | 25              | 0         | 19.78 | 19.77 | 19.77 | 2             |
|                            |           | 25              | 12        | 19.76 | 19.76 | 19.75 | 2             |
|                            |           | 25              | 25        | 19.75 | 19.72 | 19.74 | 2             |
|                            |           | 50              | 0         | 19.74 | 19.81 | 19.73 | 2             |
| BW                         | MCS Index | Channel         |           | 20425 | 20525 | 20625 | 3GPP MPR      |
|                            |           | Frequency (MHz) |           | 826.5 | 836.5 | 846.5 |               |
|                            |           |                 |           |       |       |       |               |
| 5M                         | QPSK      | 1               | 0         | 21.83 | 21.84 | 21.71 | 0             |
|                            |           | 1               | 12        | 21.68 | 21.74 | 21.54 | 0             |
|                            |           | 1               | 24        | 21.68 | 21.68 | 21.51 | 0             |
|                            |           | 12              | 0         | 20.82 | 20.79 | 20.66 | 1             |
|                            |           | 12              | 6         | 20.74 | 20.76 | 20.55 | 1             |
|                            |           | 12              | 13        | 20.70 | 20.74 | 20.56 | 1             |
|                            |           | 25              | 0         | 20.71 | 20.75 | 20.50 | 1             |
| 5M                         | 16QAM     | 1               | 0         | 20.87 | 20.93 | 20.75 | 1             |
|                            |           | 1               | 12        | 20.82 | 20.88 | 20.69 | 1             |
|                            |           | 1               | 24        | 20.79 | 20.90 | 20.70 | 1             |
|                            |           | 12              | 0         | 19.76 | 19.82 | 19.59 | 2             |
|                            |           | 12              | 6         | 19.74 | 19.82 | 19.59 | 2             |
|                            |           | 12              | 13        | 19.72 | 19.74 | 19.60 | 2             |
|                            |           | 25              | 0         | 19.73 | 19.81 | 19.60 | 2             |



| LTE Conducted Power (Full) |                     |                 |           |       |       |       |      |
|----------------------------|---------------------|-----------------|-----------|-------|-------|-------|------|
| LTE Band 5                 |                     |                 |           |       |       |       |      |
| BW                         | MCS<br>MCS<br>Index | RB Size         | RB Offset | Low   | Mid   | High  | 3GPP |
|                            |                     | Channel         |           | 20415 | 20525 | 20635 | 3GPP |
|                            |                     | Frequency (MHz) |           | 825.5 | 836.5 | 847.5 | MPR  |
| 3M                         | QPSK                | 1               | 0         | 21.81 | 21.85 | 21.69 | 0    |
|                            |                     | 1               | 7         | 21.65 | 21.76 | 21.49 | 0    |
|                            |                     | 1               | 14        | 21.66 | 21.74 | 21.55 | 0    |
|                            |                     | 8               | 0         | 20.80 | 20.83 | 20.67 | 1    |
|                            |                     | 8               | 3         | 20.70 | 20.76 | 20.54 | 1    |
|                            |                     | 8               | 7         | 20.70 | 20.69 | 20.54 | 1    |
|                            |                     | 15              | 0         | 20.62 | 20.76 | 20.51 | 1    |
| 3M                         | 16QAM               | 1               | 0         | 20.88 | 20.93 | 20.68 | 1    |
|                            |                     | 1               | 7         | 20.87 | 20.93 | 20.66 | 1    |
|                            |                     | 1               | 14        | 20.82 | 20.82 | 20.64 | 1    |
|                            |                     | 8               | 0         | 19.71 | 19.85 | 19.59 | 2    |
|                            |                     | 8               | 3         | 19.69 | 19.76 | 19.58 | 2    |
|                            |                     | 8               | 7         | 19.76 | 19.80 | 19.57 | 2    |
|                            |                     | 15              | 0         | 19.67 | 19.82 | 19.61 | 2    |
| BW                         | MCS<br>Index        | Channel         |           | 20407 | 20525 | 20643 | 3GPP |
|                            |                     | Frequency (MHz) |           | 824.7 | 836.5 | 848.3 | MPR  |
| 1.4M                       | QPSK                | 1               | 0         | 21.69 | 21.79 | 21.65 | 0    |
|                            |                     | 1               | 2         | 21.58 | 21.64 | 21.51 | 0    |
|                            |                     | 1               | 5         | 21.57 | 21.67 | 21.45 | 0    |
|                            |                     | 3               | 0         | 21.68 | 21.66 | 21.64 | 0    |
|                            |                     | 3               | 1         | 21.68 | 21.79 | 21.60 | 0    |
|                            |                     | 3               | 3         | 21.68 | 21.58 | 21.54 | 0    |
|                            |                     | 6               | 0         | 20.53 | 20.60 | 20.55 | 1    |
| 1.4M                       | 16QAM               | 1               | 0         | 20.86 | 20.76 | 20.72 | 1    |
|                            |                     | 1               | 2         | 20.74 | 20.75 | 20.74 | 1    |
|                            |                     | 1               | 5         | 20.71 | 20.72 | 20.70 | 1    |
|                            |                     | 3               | 0         | 20.66 | 20.69 | 20.60 | 1    |
|                            |                     | 3               | 1         | 20.64 | 20.62 | 20.64 | 1    |
|                            |                     | 3               | 3         | 20.69 | 20.57 | 20.53 | 1    |
|                            |                     | 6               | 0         | 19.70 | 19.71 | 19.59 | 2    |

| LTE Conducted Power (Full) |           |                 |           |        |       |        |               |
|----------------------------|-----------|-----------------|-----------|--------|-------|--------|---------------|
| LTE Band 7                 |           |                 |           |        |       |        |               |
| BW                         | MCS Index | RB Size         | RB Offset | Low    | Mid   | High   | 3GPP MPR (dB) |
|                            |           | Channel         |           | 20850  | 21100 | 21350  |               |
|                            |           | Frequency (MHz) |           | 2510   | 2535  | 2560   |               |
| 20M                        | QPSK      | 1               | 0         | 19.53  | 19.65 | 19.52  | 0             |
|                            |           | 1               | 50        | 19.46  | 19.56 | 19.51  | 0             |
|                            |           | 1               | 99        | 19.40  | 19.55 | 19.45  | 0             |
|                            |           | 50              | 0         | 18.65  | 18.69 | 18.68  | 1             |
|                            |           | 50              | 25        | 18.63  | 18.57 | 18.67  | 1             |
|                            |           | 50              | 50        | 18.58  | 18.56 | 18.63  | 1             |
|                            |           | 100             | 0         | 18.56  | 18.63 | 18.61  | 1             |
| 20M                        | 16QAM     | 1               | 0         | 18.76  | 18.96 | 18.66  | 1             |
|                            |           | 1               | 50        | 18.71  | 18.86 | 18.76  | 1             |
|                            |           | 1               | 99        | 18.61  | 18.85 | 18.66  | 1             |
|                            |           | 50              | 0         | 17.62  | 17.64 | 17.67  | 2             |
|                            |           | 50              | 25        | 17.59  | 17.60 | 17.64  | 2             |
|                            |           | 50              | 50        | 17.58  | 17.54 | 17.63  | 2             |
|                            |           | 100             | 0         | 17.57  | 17.54 | 17.62  | 2             |
| BW                         | MCS Index | Channel         |           | 20825  | 21100 | 21375  | 3GPP MPR      |
|                            |           | Frequency (MHz) |           | 2507.5 | 2535  | 2562.5 |               |
| 15M                        | QPSK      | 1               | 0         | 19.43  | 19.59 | 19.50  | 0             |
|                            |           | 1               | 37        | 19.39  | 19.55 | 19.50  | 0             |
|                            |           | 1               | 74        | 19.37  | 19.51 | 19.45  | 0             |
|                            |           | 36              | 0         | 18.67  | 18.75 | 18.67  | 1             |
|                            |           | 36              | 19        | 18.59  | 18.71 | 18.61  | 1             |
|                            |           | 36              | 39        | 18.51  | 18.64 | 18.60  | 1             |
|                            |           | 75              | 0         | 18.49  | 18.65 | 18.55  | 1             |
| 15M                        | 16QAM     | 1               | 0         | 18.75  | 18.73 | 18.75  | 1             |
|                            |           | 1               | 37        | 18.68  | 18.74 | 18.66  | 1             |
|                            |           | 1               | 74        | 18.53  | 18.72 | 18.59  | 1             |
|                            |           | 36              | 0         | 17.62  | 17.73 | 17.59  | 2             |
|                            |           | 36              | 19        | 17.57  | 17.67 | 17.55  | 2             |
|                            |           | 36              | 39        | 17.58  | 17.63 | 17.62  | 2             |
|                            |           | 75              | 0         | 17.54  | 17.63 | 17.59  | 2             |

| LTE Conducted Power (Full) |                     |                 |           |        |       |        |      |
|----------------------------|---------------------|-----------------|-----------|--------|-------|--------|------|
| LTE Band 7                 |                     |                 |           |        |       |        |      |
| BW                         | MCS<br>MCS<br>Index | RB Size         | RB Offset | Low    | Mid   | High   | 3GPP |
| BW                         | MCS<br>MCS<br>Index | Channel         |           | 20800  | 21100 | 21400  | 3GPP |
|                            |                     | Frequency (MHz) |           | 2505   | 2535  | 2565   | MPR  |
|                            |                     |                 |           |        |       |        |      |
| 10M                        | QPSK                | 1               | 0         | 19.42  | 19.59 | 19.56  | 0    |
|                            |                     | 1               | 24        | 19.43  | 19.56 | 19.49  | 0    |
|                            |                     | 1               | 49        | 19.39  | 19.53 | 19.36  | 0    |
|                            |                     | 25              | 0         | 18.68  | 18.69 | 18.74  | 1    |
|                            |                     | 25              | 12        | 18.60  | 18.73 | 18.64  | 1    |
|                            |                     | 25              | 25        | 18.49  | 18.65 | 18.61  | 1    |
|                            |                     | 50              | 0         | 18.50  | 18.68 | 18.55  | 1    |
| 10M                        | 16QAM               | 1               | 0         | 18.67  | 18.76 | 18.75  | 1    |
|                            |                     | 1               | 24        | 18.70  | 18.73 | 18.74  | 1    |
|                            |                     | 1               | 49        | 18.53  | 18.70 | 18.62  | 1    |
|                            |                     | 25              | 0         | 17.57  | 17.74 | 17.62  | 2    |
|                            |                     | 25              | 12        | 17.58  | 17.67 | 17.59  | 2    |
|                            |                     | 25              | 25        | 17.53  | 17.70 | 17.60  | 2    |
|                            |                     | 50              | 0         | 17.57  | 17.65 | 17.58  | 2    |
| BW                         | MCS<br>Index        | Channel         |           | 20775  | 21100 | 21425  | 3GPP |
| BW                         | MCS<br>Index        | Frequency (MHz) |           | 2502.5 | 2535  | 2567.5 | MPR  |
|                            |                     |                 |           |        |       |        |      |
|                            |                     |                 |           |        |       |        |      |
| 5M                         | QPSK                | 1               | 0         | 19.50  | 19.64 | 19.53  | 0    |
|                            |                     | 1               | 12        | 19.44  | 19.54 | 19.45  | 0    |
|                            |                     | 1               | 24        | 19.32  | 19.46 | 19.41  | 0    |
|                            |                     | 12              | 0         | 18.61  | 18.77 | 18.70  | 1    |
|                            |                     | 12              | 6         | 18.54  | 18.66 | 18.68  | 1    |
|                            |                     | 12              | 13        | 18.57  | 18.61 | 18.56  | 1    |
|                            |                     | 25              | 0         | 18.50  | 18.69 | 18.60  | 1    |
| 5M                         | 16QAM               | 1               | 0         | 18.67  | 18.68 | 18.73  | 1    |
|                            |                     | 1               | 12        | 18.69  | 18.66 | 18.70  | 1    |
|                            |                     | 1               | 24        | 18.57  | 18.65 | 18.62  | 1    |
|                            |                     | 12              | 0         | 17.54  | 17.72 | 17.62  | 2    |
|                            |                     | 12              | 6         | 17.56  | 17.65 | 17.54  | 2    |
|                            |                     | 12              | 13        | 17.58  | 17.71 | 17.59  | 2    |
|                            |                     | 25              | 0         | 17.56  | 17.64 | 17.59  | 2    |

| LTE Conducted Power (Full) |           |                 |           |       |       |       |               |
|----------------------------|-----------|-----------------|-----------|-------|-------|-------|---------------|
| LTE Band 12                |           |                 |           |       |       |       |               |
| BW                         | MCS Index | RB Size         | RB Offset | Low   | Mid   | High  | 3GPP MPR (dB) |
|                            |           | Channel         |           | 23060 | 23095 | 23130 |               |
|                            |           | Frequency (MHz) |           | 704   | 707.5 | 711   |               |
| 10M                        | QPSK      | 1               | 0         | 21.87 | 21.95 | 21.94 | 0             |
|                            |           | 1               | 24        | 21.76 | 21.92 | 21.83 | 0             |
|                            |           | 1               | 49        | 21.68 | 21.83 | 21.75 | 0             |
|                            |           | 25              | 0         | 20.89 | 20.94 | 20.93 | 1             |
|                            |           | 25              | 12        | 20.83 | 20.91 | 20.90 | 1             |
|                            |           | 25              | 25        | 20.81 | 20.88 | 20.88 | 1             |
|                            |           | 50              | 0         | 20.79 | 20.87 | 20.86 | 1             |
| 10M                        | 16QAM     | 1               | 0         | 20.86 | 20.89 | 20.93 | 1             |
|                            |           | 1               | 24        | 20.81 | 20.80 | 20.88 | 1             |
|                            |           | 1               | 49        | 20.80 | 20.71 | 20.87 | 1             |
|                            |           | 25              | 0         | 19.90 | 19.59 | 19.97 | 2             |
|                            |           | 25              | 12        | 19.88 | 19.55 | 19.95 | 2             |
|                            |           | 25              | 25        | 19.86 | 19.52 | 19.93 | 2             |
|                            |           | 50              | 0         | 19.83 | 19.83 | 19.90 | 2             |
| BW                         | MCS Index | Channel         |           | 23035 | 23095 | 23155 | 3GPP MPR      |
|                            |           | Frequency (MHz) |           | 701.5 | 707.5 | 713.5 |               |
| 5M                         | QPSK      | 1               | 0         | 21.81 | 21.94 | 21.79 | 0             |
|                            |           | 1               | 12        | 21.73 | 21.86 | 21.74 | 0             |
|                            |           | 1               | 24        | 21.66 | 21.72 | 21.65 | 0             |
|                            |           | 12              | 0         | 20.86 | 20.91 | 20.89 | 1             |
|                            |           | 12              | 6         | 20.74 | 20.89 | 20.81 | 1             |
|                            |           | 12              | 13        | 20.71 | 20.88 | 20.78 | 1             |
|                            |           | 25              | 0         | 20.77 | 20.85 | 20.81 | 1             |
| 5M                         | 16QAM     | 1               | 0         | 20.86 | 20.98 | 20.93 | 1             |
|                            |           | 1               | 12        | 20.77 | 20.90 | 20.79 | 1             |
|                            |           | 1               | 24        | 20.76 | 20.89 | 20.80 | 1             |
|                            |           | 12              | 0         | 19.80 | 19.98 | 19.89 | 2             |
|                            |           | 12              | 6         | 19.84 | 19.97 | 19.93 | 2             |
|                            |           | 12              | 13        | 19.86 | 19.90 | 19.91 | 2             |
|                            |           | 25              | 0         | 19.74 | 19.92 | 19.81 | 2             |

| LTE Conducted Power (Full) |                     |                 |           |       |       |       |      |
|----------------------------|---------------------|-----------------|-----------|-------|-------|-------|------|
| LTE Band 12                |                     |                 |           |       |       |       |      |
| BW                         | MCS<br>MCS<br>Index | RB Size         | RB Offset | Low   | Mid   | High  | 3GPP |
|                            |                     | Channel         |           | 23025 | 23095 | 23165 | 3GPP |
|                            |                     | Frequency (MHz) |           | 700.5 | 707.5 | 714.5 | MPR  |
| 3M                         | QPSK                | 1               | 0         | 21.77 | 21.88 | 21.81 | 0    |
|                            |                     | 1               | 7         | 21.71 | 21.79 | 21.73 | 0    |
|                            |                     | 1               | 14        | 21.62 | 21.71 | 21.75 | 0    |
|                            |                     | 8               | 0         | 20.85 | 21.00 | 20.90 | 1    |
|                            |                     | 8               | 3         | 20.78 | 20.87 | 20.82 | 1    |
|                            |                     | 8               | 7         | 20.77 | 20.89 | 20.87 | 1    |
|                            |                     | 15              | 0         | 20.74 | 20.87 | 20.83 | 1    |
| 3M                         | 16QAM               | 1               | 0         | 20.85 | 20.93 | 20.84 | 1    |
|                            |                     | 1               | 7         | 20.78 | 20.90 | 20.81 | 1    |
|                            |                     | 1               | 14        | 20.76 | 20.83 | 20.77 | 1    |
|                            |                     | 8               | 0         | 19.88 | 19.99 | 19.97 | 2    |
|                            |                     | 8               | 3         | 19.79 | 19.97 | 19.95 | 2    |
|                            |                     | 8               | 7         | 19.81 | 19.92 | 19.93 | 2    |
|                            |                     | 15              | 0         | 19.79 | 19.92 | 19.86 | 2    |
| BW                         | MCS<br>Index        | Channel         |           | 23017 | 23095 | 23173 | 3GPP |
|                            |                     | Frequency (MHz) |           | 699.7 | 707.5 | 715.3 | MPR  |
| 1.4M                       | QPSK                | 1               | 0         | 21.69 | 21.87 | 21.83 | 0    |
|                            |                     | 1               | 2         | 21.62 | 21.83 | 21.65 | 0    |
|                            |                     | 1               | 5         | 21.61 | 21.79 | 21.56 | 0    |
|                            |                     | 3               | 0         | 21.82 | 21.87 | 21.84 | 0    |
|                            |                     | 3               | 1         | 21.68 | 21.80 | 21.87 | 0    |
|                            |                     | 3               | 3         | 21.71 | 21.78 | 21.74 | 0    |
|                            |                     | 6               | 0         | 20.76 | 20.67 | 20.81 | 1    |
| 1.4M                       | 16QAM               | 1               | 0         | 20.76 | 20.84 | 20.77 | 1    |
|                            |                     | 1               | 2         | 20.78 | 20.78 | 20.75 | 1    |
|                            |                     | 1               | 5         | 21.69 | 21.54 | 21.62 | 1    |
|                            |                     | 3               | 0         | 20.69 | 20.48 | 20.87 | 1    |
|                            |                     | 3               | 1         | 20.73 | 20.40 | 20.88 | 1    |
|                            |                     | 3               | 3         | 20.77 | 20.43 | 20.83 | 1    |
|                            |                     | 6               | 0         | 19.69 | 19.74 | 19.80 | 2    |

| LTE Conducted Power (Full) |           |                 |           |       |       |       |               |
|----------------------------|-----------|-----------------|-----------|-------|-------|-------|---------------|
| LTE Band 13                |           |                 |           |       |       |       |               |
| BW                         | MCS Index | RB Size         | RB Offset |       | Mid   |       | 3GPP MPR (dB) |
|                            |           | Channel         |           |       | 23230 |       |               |
|                            |           | Frequency (MHz) |           |       | 782   |       |               |
| 10M                        | QPSK      | 1               | 0         |       | 21.91 |       | 0             |
|                            |           | 1               | 24        |       | 21.75 |       | 0             |
|                            |           | 1               | 49        |       | 21.71 |       | 0             |
|                            |           | 25              | 0         |       | 20.91 |       | 1             |
|                            |           | 25              | 12        |       | 20.89 |       | 1             |
|                            |           | 25              | 25        |       | 20.84 |       | 1             |
|                            |           | 50              | 0         |       | 20.76 |       | 1             |
| 10M                        | 16QAM     | 1               | 0         |       | 20.84 |       | 1             |
|                            |           | 1               | 24        |       | 20.88 |       | 1             |
|                            |           | 1               | 49        |       | 20.79 |       | 1             |
|                            |           | 25              | 0         |       | 19.87 |       | 2             |
|                            |           | 25              | 12        |       | 19.84 |       | 2             |
|                            |           | 25              | 25        |       | 19.79 |       | 2             |
|                            |           | 50              | 0         |       | 19.74 |       | 2             |
| BW                         | MCS Index | Channel         |           | 23205 | 23230 | 23255 | 3GPP MPR      |
|                            |           | Frequency (MHz) |           | 779.5 | 782   | 784.5 |               |
| 5M                         | QPSK      | 1               | 0         | 21.74 | 21.89 | 21.86 | 0             |
|                            |           | 1               | 12        | 21.70 | 21.78 | 21.78 | 0             |
|                            |           | 1               | 24        | 21.66 | 21.82 | 21.78 | 0             |
|                            |           | 12              | 0         | 20.79 | 20.83 | 20.81 | 1             |
|                            |           | 12              | 6         | 20.78 | 20.75 | 20.75 | 1             |
|                            |           | 12              | 13        | 20.64 | 20.77 | 20.72 | 1             |
|                            |           | 25              | 0         | 20.63 | 20.74 | 20.71 | 1             |
| 5M                         | 16QAM     | 1               | 0         | 20.71 | 20.85 | 20.76 | 1             |
|                            |           | 1               | 12        | 20.74 | 20.79 | 20.79 | 1             |
|                            |           | 1               | 24        | 20.76 | 20.74 | 20.74 | 1             |
|                            |           | 12              | 0         | 19.81 | 19.83 | 19.80 | 2             |
|                            |           | 12              | 6         | 19.60 | 19.77 | 19.80 | 2             |
|                            |           | 12              | 13        | 19.65 | 19.73 | 19.73 | 2             |
|                            |           | 25              | 0         | 19.64 | 19.67 | 19.66 | 2             |

| LTE Conducted Power (Full) |           |                 |           |       |       |       |               |
|----------------------------|-----------|-----------------|-----------|-------|-------|-------|---------------|
| LTE Band 14                |           |                 |           |       |       |       |               |
| BW                         | MCS Index | RB Size         | RB Offset |       | Mid   |       | 3GPP MPR (dB) |
|                            |           | Channel         |           |       | 23330 |       |               |
|                            |           | Frequency (MHz) |           |       | 793   |       |               |
| 10M                        | QPSK      | 1               | 0         |       | 21.35 |       | 0             |
|                            |           | 1               | 24        |       | 21.28 |       | 0             |
|                            |           | 1               | 49        |       | 21.09 |       | 0             |
|                            |           | 25              | 0         |       | 20.45 |       | 1             |
|                            |           | 25              | 12        |       | 20.41 |       | 1             |
|                            |           | 25              | 25        |       | 20.38 |       | 1             |
|                            |           | 50              | 0         |       | 20.34 |       | 1             |
| 10M                        | 16QAM     | 1               | 0         |       | 20.22 |       | 1             |
|                            |           | 1               | 24        |       | 20.11 |       | 1             |
|                            |           | 1               | 49        |       | 20.08 |       | 1             |
|                            |           | 25              | 0         |       | 18.95 |       | 2             |
|                            |           | 25              | 12        |       | 18.85 |       | 2             |
|                            |           | 25              | 25        |       | 18.81 |       | 2             |
|                            |           | 50              | 0         |       | 18.88 |       | 2             |
| BW                         | MCS Index | Channel         |           | 23305 | 23330 | 23355 | 3GPP MPR      |
|                            |           | Frequency (MHz) |           | 790.5 | 793   | 795.5 |               |
| 5M                         | QPSK      | 1               | 0         | 21.25 | 21.29 | 21.25 | 0             |
|                            |           | 1               | 12        | 21.05 | 21.28 | 21.24 | 0             |
|                            |           | 1               | 24        | 20.88 | 20.99 | 21.03 | 0             |
|                            |           | 12              | 0         | 20.34 | 20.39 | 20.36 | 1             |
|                            |           | 12              | 6         | 20.23 | 20.41 | 20.30 | 1             |
|                            |           | 12              | 13        | 20.15 | 20.35 | 20.28 | 1             |
|                            |           | 25              | 0         | 20.13 | 20.28 | 20.16 | 1             |
| 5M                         | 16QAM     | 1               | 0         | 20.03 | 20.18 | 20.09 | 1             |
|                            |           | 1               | 12        | 19.96 | 20.02 | 19.98 | 1             |
|                            |           | 1               | 24        | 20.01 | 20.03 | 19.97 | 1             |
|                            |           | 12              | 0         | 18.72 | 18.88 | 18.78 | 2             |
|                            |           | 12              | 6         | 18.75 | 18.76 | 18.76 | 2             |
|                            |           | 12              | 13        | 18.77 | 18.80 | 18.79 | 2             |
|                            |           | 25              | 0         | 18.69 | 18.84 | 18.77 | 2             |

| LTE Conducted Power (Full) |           |                 |           |       |       |       |               |
|----------------------------|-----------|-----------------|-----------|-------|-------|-------|---------------|
| LTE Band 17                |           |                 |           |       |       |       |               |
| BW                         | MCS Index | RB Size         | RB Offset | Low   | Mid   | High  | 3GPP MPR (dB) |
|                            |           | Channel         |           | 23780 | 23790 | 23800 |               |
|                            |           | Frequency (MHz) |           | 709   | 710   | 711   |               |
| 10M                        | QPSK      | 1               | 0         | 21.96 | 21.97 | 21.94 | 0             |
|                            |           | 1               | 24        | 21.81 | 21.88 | 21.78 | 0             |
|                            |           | 1               | 49        | 21.52 | 21.57 | 21.42 | 0             |
|                            |           | 25              | 0         | 20.92 | 20.95 | 20.92 | 1             |
|                            |           | 25              | 12        | 20.83 | 20.92 | 20.81 | 1             |
|                            |           | 25              | 25        | 20.75 | 20.84 | 20.74 | 1             |
|                            |           | 50              | 0         | 20.80 | 20.82 | 20.78 | 1             |
| 10M                        | 16QAM     | 1               | 0         | 20.64 | 20.73 | 20.58 | 1             |
|                            |           | 1               | 24        | 20.60 | 20.67 | 20.58 | 1             |
|                            |           | 1               | 49        | 20.51 | 20.51 | 20.42 | 1             |
|                            |           | 25              | 0         | 19.26 | 19.36 | 19.19 | 2             |
|                            |           | 25              | 12        | 19.14 | 19.23 | 19.13 | 2             |
|                            |           | 25              | 25        | 19.20 | 19.21 | 19.19 | 2             |
|                            |           | 50              | 0         | 19.22 | 19.28 | 19.22 | 2             |
| BW                         | MCS Index | Channel         |           | 23755 | 23790 | 23825 | 3GPP MPR      |
|                            |           | Frequency (MHz) |           | 706.5 | 710   | 713.5 |               |
| 5M                         | QPSK      | 1               | 0         | 21.93 | 21.94 | 21.93 | 0             |
|                            |           | 1               | 12        | 21.80 | 21.78 | 21.74 | 0             |
|                            |           | 1               | 24        | 21.52 | 21.49 | 21.34 | 0             |
|                            |           | 12              | 0         | 20.92 | 20.92 | 20.85 | 1             |
|                            |           | 12              | 6         | 20.77 | 20.85 | 20.79 | 1             |
|                            |           | 12              | 13        | 20.70 | 20.81 | 20.68 | 1             |
|                            |           | 25              | 0         | 20.77 | 20.82 | 20.77 | 1             |
| 5M                         | 16QAM     | 1               | 0         | 20.56 | 20.63 | 20.48 | 1             |
|                            |           | 1               | 12        | 20.55 | 20.61 | 20.53 | 1             |
|                            |           | 1               | 24        | 20.49 | 20.45 | 20.40 | 1             |
|                            |           | 12              | 0         | 19.25 | 19.27 | 19.18 | 2             |
|                            |           | 12              | 6         | 19.12 | 19.19 | 19.06 | 2             |
|                            |           | 12              | 13        | 19.11 | 19.17 | 19.15 | 2             |
|                            |           | 25              | 0         | 19.22 | 19.26 | 19.16 | 2             |



| LTE Conducted Power (Full) |           |                 |           |        |        |        |               |
|----------------------------|-----------|-----------------|-----------|--------|--------|--------|---------------|
| LTE Band 25                |           |                 |           |        |        |        |               |
| BW                         | MCS Index | RB Size         | RB Offset | Low    | Mid    | High   | 3GPP MPR (dB) |
|                            |           | Channel         |           | 26140  | 26365  | 26590  |               |
|                            |           | Frequency (MHz) |           | 1860   | 1882.5 | 1905   |               |
| 20M                        | QPSK      | 1               | 0         | 19.41  | 19.48  | 19.38  | 0             |
|                            |           | 1               | 50        | 19.40  | 19.47  | 19.37  | 0             |
|                            |           | 1               | 99        | 19.38  | 19.45  | 19.35  | 0             |
|                            |           | 50              | 0         | 18.39  | 18.46  | 18.36  | 1             |
|                            |           | 50              | 25        | 18.39  | 18.46  | 18.36  | 1             |
|                            |           | 50              | 50        | 18.37  | 18.44  | 18.34  | 1             |
|                            |           | 100             | 0         | 18.35  | 18.42  | 18.32  | 1             |
| 20M                        | 16QAM     | 1               | 0         | 18.32  | 18.39  | 18.29  | 1             |
|                            |           | 1               | 50        | 18.28  | 18.35  | 18.25  | 1             |
|                            |           | 1               | 99        | 17.18  | 17.25  | 17.15  | 2             |
|                            |           | 50              | 0         | 17.06  | 17.13  | 17.03  | 2             |
|                            |           | 50              | 25        | 17.14  | 17.21  | 17.11  | 2             |
|                            |           | 50              | 50        | 17.07  | 17.14  | 17.04  | 2             |
|                            |           | 100             | 0         | 17.05  | 17.12  | 17.02  | 2             |
| BW                         | MCS Index | Channel         |           | 26115  | 26365  | 26615  | 3GPP MPR      |
|                            |           | Frequency (MHz) |           | 1857.5 | 1882.5 | 1907.5 |               |
|                            |           |                 |           |        |        |        |               |
| 15M                        | QPSK      | 1               | 0         | 19.34  | 19.43  | 19.30  | 0             |
|                            |           | 1               | 37        | 19.32  | 19.45  | 19.36  | 0             |
|                            |           | 1               | 74        | 19.33  | 19.36  | 19.31  | 0             |
|                            |           | 36              | 0         | 18.35  | 18.37  | 18.29  | 1             |
|                            |           | 36              | 19        | 18.34  | 18.41  | 18.26  | 1             |
|                            |           | 36              | 39        | 18.33  | 18.35  | 18.26  | 1             |
|                            |           | 75              | 0         | 18.31  | 18.34  | 18.29  | 1             |
| 15M                        | 16QAM     | 1               | 0         | 18.22  | 18.34  | 18.25  | 1             |
|                            |           | 1               | 37        | 18.25  | 18.29  | 18.25  | 1             |
|                            |           | 1               | 74        | 17.14  | 17.19  | 17.12  | 1             |
|                            |           | 36              | 0         | 17.05  | 17.04  | 17.00  | 2             |
|                            |           | 36              | 19        | 17.12  | 17.19  | 17.09  | 2             |
|                            |           | 36              | 39        | 17.00  | 17.14  | 17.00  | 2             |
|                            |           | 75              | 0         | 17.02  | 17.02  | 16.98  | 2             |

| LTE Conducted Power (Full) |                     |                 |           |        |        |        |      |
|----------------------------|---------------------|-----------------|-----------|--------|--------|--------|------|
| LTE Band 25                |                     |                 |           |        |        |        |      |
| BW                         | MCS<br>MCS<br>Index | RB Size         | RB Offset | Low    | Mid    | High   | 3GPP |
|                            |                     | Channel         |           | 26090  | 26365  | 26640  | 3GPP |
|                            |                     | Frequency (MHz) |           | 1855   | 1882.5 | 1910   | MPR  |
| 10M                        | QPSK                | 1               | 0         | 19.38  | 19.44  | 19.32  | 0    |
|                            |                     | 1               | 24        | 19.39  | 19.43  | 19.32  | 0    |
|                            |                     | 1               | 49        | 19.36  | 19.44  | 19.30  | 0    |
|                            |                     | 25              | 0         | 18.34  | 18.38  | 18.35  | 1    |
|                            |                     | 25              | 12        | 18.32  | 18.39  | 18.32  | 1    |
|                            |                     | 25              | 25        | 18.29  | 18.40  | 18.33  | 1    |
|                            |                     | 50              | 0         | 18.33  | 18.35  | 18.32  | 1    |
| 10M                        | 16QAM               | 1               | 0         | 18.24  | 18.37  | 18.21  | 1    |
|                            |                     | 1               | 24        | 18.18  | 18.31  | 18.15  | 1    |
|                            |                     | 1               | 49        | 17.08  | 17.25  | 17.13  | 1    |
|                            |                     | 25              | 0         | 17.05  | 17.07  | 17.02  | 2    |
|                            |                     | 25              | 12        | 17.10  | 17.14  | 17.10  | 2    |
|                            |                     | 25              | 25        | 17.06  | 17.10  | 17.04  | 2    |
|                            |                     | 50              | 0         | 16.97  | 17.11  | 16.96  | 2    |
| BW                         | MCS<br>Index        | Channel         |           | 26065  | 26365  | 26665  | 3GPP |
|                            |                     | Frequency (MHz) |           | 1852.5 | 1882.5 | 1912.5 | MPR  |
| 5M                         | QPSK                | 1               | 0         | 19.39  | 19.47  | 19.34  | 0    |
|                            |                     | 1               | 12        | 19.37  | 19.38  | 19.33  | 0    |
|                            |                     | 1               | 24        | 19.30  | 19.41  | 19.28  | 0    |
|                            |                     | 12              | 0         | 18.29  | 18.45  | 18.31  | 1    |
|                            |                     | 12              | 6         | 18.31  | 18.37  | 18.29  | 1    |
|                            |                     | 12              | 13        | 18.27  | 18.42  | 18.32  | 1    |
|                            |                     | 25              | 0         | 18.32  | 18.39  | 18.28  | 1    |
| 5M                         | 16QAM               | 1               | 0         | 18.31  | 18.35  | 18.28  | 1    |
|                            |                     | 1               | 12        | 18.27  | 18.34  | 18.22  | 1    |
|                            |                     | 1               | 24        | 17.11  | 17.23  | 17.05  | 1    |
|                            |                     | 12              | 0         | 16.96  | 17.04  | 16.97  | 2    |
|                            |                     | 12              | 6         | 17.13  | 17.21  | 17.09  | 2    |
|                            |                     | 12              | 13        | 17.05  | 17.10  | 16.99  | 2    |
|                            |                     | 25              | 0         | 17.05  | 17.04  | 17.02  | 2    |

| LTE Conducted Power (Full) |                     |                 |           |        |        |        |      |
|----------------------------|---------------------|-----------------|-----------|--------|--------|--------|------|
| LTE Band 25                |                     |                 |           |        |        |        |      |
| BW                         | MCS<br>MCS<br>Index | RB Size         | RB Offset | Low    | Mid    | High   | 3GPP |
|                            |                     | Channel         |           | 26055  | 26365  | 26675  | 3GPP |
|                            |                     | Frequency (MHz) |           | 1851.5 | 1882.5 | 1913.5 | MPR  |
| 3M                         | QPSK                | 1               | 0         | 19.36  | 19.44  | 19.36  | 0    |
|                            |                     | 1               | 7         | 19.40  | 19.43  | 19.34  | 0    |
|                            |                     | 1               | 14        | 19.36  | 19.39  | 19.32  | 0    |
|                            |                     | 8               | 0         | 18.37  | 18.41  | 18.35  | 1    |
|                            |                     | 8               | 3         | 18.39  | 18.45  | 18.31  | 1    |
|                            |                     | 8               | 7         | 18.30  | 18.44  | 18.26  | 1    |
|                            |                     | 15              | 0         | 18.30  | 18.41  | 18.26  | 1    |
| 3M                         | 16QAM               | 1               | 0         | 18.32  | 18.33  | 18.25  | 1    |
|                            |                     | 1               | 7         | 18.23  | 18.30  | 18.25  | 1    |
|                            |                     | 1               | 14        | 17.17  | 17.17  | 17.09  | 1    |
|                            |                     | 8               | 0         | 16.99  | 17.03  | 16.94  | 2    |
|                            |                     | 8               | 3         | 17.08  | 17.13  | 17.03  | 2    |
|                            |                     | 8               | 7         | 17.04  | 17.13  | 17.00  | 2    |
|                            |                     | 15              | 0         | 16.96  | 17.11  | 16.98  | 2    |
| BW                         | MCS<br>Index        | Channel         |           | 26047  | 26365  | 26683  | 3GPP |
|                            |                     | Frequency (MHz) |           | 1850.7 | 1882.5 | 1914.3 | MPR  |
| 1.4M                       | QPSK                | 1               | 0         | 19.31  | 19.38  | 19.33  | 0    |
|                            |                     | 1               | 2         | 19.25  | 19.37  | 19.16  | 0    |
|                            |                     | 1               | 5         | 19.36  | 19.35  | 19.14  | 0    |
|                            |                     | 3               | 0         | 19.26  | 19.32  | 19.21  | 0    |
|                            |                     | 3               | 1         | 19.36  | 19.34  | 19.23  | 0    |
|                            |                     | 3               | 3         | 19.26  | 19.28  | 19.12  | 0    |
|                            |                     | 6               | 0         | 18.27  | 18.25  | 18.19  | 1    |
| 1.4M                       | 16QAM               | 1               | 0         | 18.25  | 18.27  | 18.19  | 1    |
|                            |                     | 1               | 2         | 18.22  | 18.25  | 18.08  | 1    |
|                            |                     | 1               | 5         | 17.95  | 18.09  | 18.09  | 1    |
|                            |                     | 3               | 0         | 17.88  | 18.04  | 17.98  | 1    |
|                            |                     | 3               | 1         | 18.07  | 18.18  | 18.02  | 1    |
|                            |                     | 3               | 3         | 17.88  | 18.00  | 18.04  | 1    |
|                            |                     | 6               | 0         | 17.02  | 17.06  | 16.88  | 2    |

| LTE Conducted Power (Full) |           |                 |           |       |       |       |               |
|----------------------------|-----------|-----------------|-----------|-------|-------|-------|---------------|
| LTE Band 26                |           |                 |           |       |       |       |               |
| BW                         | MCS Index | RB Size         | RB Offset | Low   | Mid   | High  | 3GPP MPR (dB) |
|                            |           | Channel         |           | 26765 | 26865 | 26965 |               |
|                            |           | Frequency (MHz) |           | 821.5 | 831.5 | 841.5 |               |
| 15M                        | QPSK      | 1               | 0         | 21.77 | 21.85 | 21.78 | 0             |
|                            |           | 1               | 37        | 21.63 | 21.71 | 21.64 | 0             |
|                            |           | 1               | 74        | 21.60 | 21.68 | 21.61 | 0             |
|                            |           | 36              | 0         | 20.71 | 20.79 | 20.72 | 1             |
|                            |           | 36              | 19        | 20.63 | 20.71 | 20.64 | 1             |
|                            |           | 36              | 39        | 20.61 | 20.69 | 20.62 | 1             |
|                            |           | 75              | 0         | 20.71 | 20.79 | 20.72 | 1             |
| 15M                        | 16QAM     | 1               | 0         | 20.86 | 20.94 | 20.87 | 1             |
|                            |           | 1               | 37        | 20.84 | 20.92 | 20.85 | 1             |
|                            |           | 1               | 74        | 20.78 | 20.86 | 20.79 | 1             |
|                            |           | 36              | 0         | 19.66 | 19.74 | 19.67 | 2             |
|                            |           | 36              | 19        | 19.65 | 19.73 | 19.66 | 2             |
|                            |           | 36              | 39        | 19.64 | 19.72 | 19.65 | 2             |
|                            |           | 75              | 0         | 19.71 | 19.79 | 19.72 | 2             |
| BW                         | MCS Index | Channel         |           | 26740 | 26865 | 26990 | 3GPP MPR      |
|                            |           | Frequency (MHz) |           | 819   | 831.5 | 844   |               |
| 10M                        | QPSK      | 1               | 0         | 21.72 | 21.84 | 21.68 | 0             |
|                            |           | 1               | 24        | 21.57 | 21.64 | 21.60 | 0             |
|                            |           | 1               | 49        | 21.58 | 21.58 | 21.51 | 0             |
|                            |           | 25              | 0         | 20.71 | 20.73 | 20.62 | 1             |
|                            |           | 25              | 12        | 20.57 | 20.69 | 20.56 | 1             |
|                            |           | 25              | 25        | 20.55 | 20.61 | 20.53 | 1             |
|                            |           | 50              | 0         | 20.71 | 20.79 | 20.65 | 1             |
| 10M                        | 16QAM     | 1               | 0         | 20.77 | 20.93 | 20.84 | 1             |
|                            |           | 1               | 24        | 20.82 | 20.82 | 20.78 | 1             |
|                            |           | 1               | 49        | 20.75 | 20.83 | 20.78 | 1             |
|                            |           | 25              | 0         | 19.60 | 19.64 | 19.59 | 2             |
|                            |           | 25              | 12        | 19.61 | 19.73 | 19.57 | 2             |
|                            |           | 25              | 25        | 19.60 | 19.69 | 19.60 | 2             |
|                            |           | 50              | 0         | 19.67 | 19.73 | 19.69 | 2             |

| LTE Conducted Power (Full) |                     |                 |           |       |       |       |      |
|----------------------------|---------------------|-----------------|-----------|-------|-------|-------|------|
| LTE Band 26                |                     |                 |           |       |       |       |      |
| BW                         | MCS<br>MCS<br>Index | RB Size         | RB Offset | Low   | Mid   | High  | 3GPP |
|                            |                     | Channel         |           | 26715 | 26865 | 27015 | 3GPP |
|                            |                     | Frequency (MHz) |           | 816.5 | 831.5 | 846.5 | MPR  |
| 5M                         | QPSK                | 1               | 0         | 21.68 | 21.79 | 21.69 | 0    |
|                            |                     | 1               | 12        | 21.61 | 21.63 | 21.60 | 0    |
|                            |                     | 1               | 24        | 21.57 | 21.64 | 21.61 | 0    |
|                            |                     | 12              | 0         | 20.64 | 20.71 | 20.65 | 1    |
|                            |                     | 12              | 6         | 20.59 | 20.64 | 20.60 | 1    |
|                            |                     | 12              | 13        | 20.60 | 20.61 | 20.59 | 1    |
|                            |                     | 25              | 0         | 20.67 | 20.77 | 20.67 | 1    |
| 5M                         | 16QAM               | 1               | 0         | 20.82 | 20.93 | 20.83 | 1    |
|                            |                     | 1               | 12        | 20.80 | 20.82 | 20.78 | 1    |
|                            |                     | 1               | 24        | 20.68 | 20.81 | 20.76 | 1    |
|                            |                     | 12              | 0         | 19.66 | 19.74 | 19.58 | 2    |
|                            |                     | 12              | 6         | 19.57 | 19.67 | 19.62 | 2    |
|                            |                     | 12              | 13        | 19.64 | 19.70 | 19.55 | 2    |
|                            |                     | 25              | 0         | 19.63 | 19.78 | 19.64 | 2    |
| BW                         | MCS<br>Index        | Channel         |           | 26705 | 26865 | 27025 | 3GPP |
|                            |                     | Frequency (MHz) |           | 815.5 | 831.5 | 847.5 | MPR  |
| 3M                         | QPSK                | 1               | 0         | 21.76 | 21.75 | 21.69 | 0    |
|                            |                     | 1               | 7         | 21.60 | 21.68 | 21.57 | 0    |
|                            |                     | 1               | 14        | 21.53 | 21.60 | 21.61 | 0    |
|                            |                     | 8               | 0         | 20.69 | 20.71 | 20.64 | 1    |
|                            |                     | 8               | 3         | 20.57 | 20.67 | 20.55 | 1    |
|                            |                     | 8               | 7         | 20.59 | 20.65 | 20.55 | 1    |
|                            |                     | 15              | 0         | 20.62 | 20.79 | 20.71 | 1    |
| 3M                         | 16QAM               | 1               | 0         | 20.83 | 20.87 | 20.77 | 1    |
|                            |                     | 1               | 7         | 20.81 | 20.84 | 20.79 | 1    |
|                            |                     | 1               | 14        | 20.69 | 20.83 | 20.77 | 1    |
|                            |                     | 8               | 0         | 19.56 | 19.74 | 19.67 | 2    |
|                            |                     | 8               | 3         | 19.65 | 19.70 | 19.56 | 2    |
|                            |                     | 8               | 7         | 19.61 | 19.64 | 19.62 | 2    |
|                            |                     | 15              | 0         | 19.68 | 19.74 | 19.71 | 2    |

| LTE Conducted Power (Full) |              |                 |           |       |       |       |      |
|----------------------------|--------------|-----------------|-----------|-------|-------|-------|------|
| LTE Band 26                |              |                 |           |       |       |       |      |
|                            | MCS          | RB Size         | RB Offset | Low   | Mid   | High  | 3GPP |
| BW                         | MCS<br>Index | Channel         |           | 26697 | 26865 | 27033 | 3GPP |
|                            |              | Frequency (MHz) |           | 814.7 | 831.5 | 848.3 | MPR  |
| 1.4M                       | QPSK         | 1               | 0         | 21.69 | 21.75 | 21.67 | 0    |
|                            |              | 1               | 2         | 21.56 | 21.70 | 21.42 | 0    |
|                            |              | 1               | 5         | 21.51 | 21.58 | 21.46 | 0    |
|                            |              | 3               | 0         | 21.56 | 21.55 | 21.70 | 0    |
|                            |              | 3               | 1         | 21.58 | 21.52 | 21.54 | 0    |
|                            |              | 3               | 3         | 21.43 | 21.46 | 21.42 | 0    |
|                            |              | 6               | 0         | 20.60 | 20.70 | 20.64 | 1    |
| 1.4M                       | 16QAM        | 1               | 0         | 20.66 | 20.76 | 20.75 | 1    |
|                            |              | 1               | 2         | 20.66 | 20.87 | 20.69 | 1    |
|                            |              | 1               | 5         | 20.64 | 20.71 | 20.63 | 1    |
|                            |              | 3               | 0         | 20.58 | 20.60 | 20.43 | 1    |
|                            |              | 3               | 1         | 20.59 | 20.60 | 20.52 | 1    |
|                            |              | 3               | 3         | 20.59 | 20.59 | 20.59 | 1    |
|                            |              | 6               | 0         | 19.59 | 19.69 | 19.68 | 2    |

| LTE Conducted Power (Full) |           |                 |           |        |       |        |               |
|----------------------------|-----------|-----------------|-----------|--------|-------|--------|---------------|
| LTE Band 30                |           |                 |           |        |       |        |               |
| BW                         | MCS Index | RB Size         | RB Offset |        | Mid   |        | 3GPP MPR (dB) |
|                            |           | Channel         |           |        | 27710 |        |               |
|                            |           | Frequency (MHz) |           |        | 2310  |        |               |
| 10M                        | QPSK      | 1               | 0         |        | 21.28 |        | 0             |
|                            |           | 1               | 24        |        | 21.27 |        | 0             |
|                            |           | 1               | 49        |        | 21.25 |        | 0             |
|                            |           | 25              | 0         |        | 20.30 |        | 1             |
|                            |           | 25              | 12        |        | 20.26 |        | 1             |
|                            |           | 25              | 25        |        | 20.21 |        | 1             |
|                            |           | 50              | 0         |        | 20.25 |        | 1             |
| 10M                        | 16QAM     | 1               | 0         |        | 20.35 |        | 1             |
|                            |           | 1               | 24        |        | 20.33 |        | 1             |
|                            |           | 1               | 49        |        | 20.31 |        | 1             |
|                            |           | 25              | 0         |        | 19.32 |        | 2             |
|                            |           | 25              | 12        |        | 19.27 |        | 2             |
|                            |           | 25              | 25        |        | 19.22 |        | 2             |
|                            |           | 50              | 0         |        | 19.34 |        | 2             |
| BW                         | MCS Index | Channel         |           | 27685  | 27710 | 27735  | 3GPP MPR      |
|                            |           | Frequency (MHz) |           | 2307.5 | 2310  | 2312.5 |               |
| 5M                         | QPSK      | 1               | 0         | 21.26  | 21.27 | 21.25  | 0             |
|                            |           | 1               | 12        | 21.24  | 21.25 | 21.20  | 0             |
|                            |           | 1               | 24        | 21.20  | 21.23 | 21.19  | 0             |
|                            |           | 12              | 0         | 20.38  | 20.38 | 20.39  | 1             |
|                            |           | 12              | 6         | 20.27  | 20.30 | 20.26  | 1             |
|                            |           | 12              | 13        | 20.28  | 20.24 | 20.30  | 1             |
|                            |           | 25              | 0         | 20.26  | 20.21 | 20.22  | 1             |
| 5M                         | 16QAM     | 1               | 0         | 20.31  | 20.34 | 20.35  | 1             |
|                            |           | 1               | 12        | 20.33  | 20.28 | 20.35  | 1             |
|                            |           | 1               | 24        | 20.28  | 20.27 | 20.23  | 1             |
|                            |           | 12              | 0         | 19.45  | 19.38 | 19.44  | 2             |
|                            |           | 12              | 6         | 19.35  | 19.38 | 19.35  | 2             |
|                            |           | 12              | 13        | 19.31  | 19.34 | 19.36  | 2             |
|                            |           | 25              | 0         | 19.26  | 19.32 | 19.34  | 2             |

| LTE Conducted Power (Full) |           |                 |           |        |       |        |               |
|----------------------------|-----------|-----------------|-----------|--------|-------|--------|---------------|
| LTE Band 38                |           |                 |           |        |       |        |               |
| BW                         | MCS Index | RB Size         | RB Offset | Low    | Mid   | High   | 3GPP MPR (dB) |
|                            |           | Channel         |           | 37850  | 38000 | 38150  |               |
|                            |           | Frequency (MHz) |           | 2580   | 2595  | 2610   |               |
| 20M                        | QPSK      | 1               | 0         | 23.39  | 23.44 | 23.41  | 0             |
|                            |           | 1               | 50        | 23.19  | 23.39 | 23.08  | 0             |
|                            |           | 1               | 99        | 23.21  | 23.33 | 23.03  | 0             |
|                            |           | 50              | 0         | 22.32  | 22.49 | 22.14  | 1             |
|                            |           | 50              | 25        | 22.35  | 22.48 | 22.25  | 1             |
|                            |           | 50              | 50        | 22.24  | 22.43 | 22.05  | 1             |
|                            |           | 100             | 0         | 22.26  | 22.46 | 22.12  | 1             |
| 20M                        | 16QAM     | 1               | 0         | 22.32  | 22.48 | 22.19  | 1             |
|                            |           | 1               | 50        | 22.26  | 22.43 | 22.13  | 1             |
|                            |           | 1               | 99        | 22.25  | 22.41 | 22.15  | 1             |
|                            |           | 50              | 0         | 21.36  | 21.49 | 21.23  | 2             |
|                            |           | 50              | 25        | 21.30  | 21.44 | 21.15  | 2             |
|                            |           | 50              | 50        | 21.22  | 21.42 | 21.08  | 2             |
|                            |           | 100             | 0         | 21.28  | 21.48 | 21.09  | 2             |
| BW                         | MCS Index | Channel         |           | 37825  | 38000 | 38175  | 3GPP MPR      |
|                            |           | Frequency (MHz) |           | 2577.5 | 2595  | 2612.5 |               |
| 15M                        | QPSK      | 1               | 0         | 23.21  | 23.24 | 23.18  | 0             |
|                            |           | 1               | 37        | 22.88  | 23.04 | 22.93  | 0             |
|                            |           | 1               | 74        | 22.96  | 22.99 | 22.75  | 0             |
|                            |           | 36              | 0         | 22.11  | 22.27 | 22.02  | 1             |
|                            |           | 36              | 19        | 22.10  | 22.30 | 22.12  | 1             |
|                            |           | 36              | 39        | 21.95  | 22.17 | 21.75  | 1             |
|                            |           | 75              | 0         | 21.99  | 22.29 | 21.95  | 1             |
| 15M                        | 16QAM     | 1               | 0         | 22.01  | 22.31 | 21.92  | 1             |
|                            |           | 1               | 37        | 21.97  | 22.20 | 22.00  | 1             |
|                            |           | 1               | 74        | 22.03  | 22.21 | 21.95  | 1             |
|                            |           | 36              | 0         | 21.08  | 21.33 | 20.95  | 2             |
|                            |           | 36              | 19        | 21.12  | 21.26 | 20.98  | 2             |
|                            |           | 36              | 39        | 21.12  | 21.08 | 20.76  | 2             |
|                            |           | 75              | 0         | 21.11  | 21.22 | 20.79  | 2             |



| LTE Conducted Power (Full) |                     |                 |           |        |       |        |      |
|----------------------------|---------------------|-----------------|-----------|--------|-------|--------|------|
| LTE Band 38                |                     |                 |           |        |       |        |      |
| BW                         | MCS<br>MCS<br>Index | RB Size         | RB Offset | Low    | Mid   | High   | 3GPP |
|                            |                     | Channel         |           | 37800  | 38000 | 38200  | 3GPP |
|                            |                     | Frequency (MHz) |           | 2575   | 2595  | 2615   | MPR  |
| 10M                        | QPSK                | 1               | 0         | 23.19  | 23.23 | 22.98  | 0    |
|                            |                     | 1               | 24        | 22.99  | 23.27 | 22.74  | 0    |
|                            |                     | 1               | 49        | 22.98  | 23.03 | 22.87  | 0    |
|                            |                     | 25              | 0         | 22.13  | 22.25 | 21.88  | 1    |
|                            |                     | 25              | 12        | 22.17  | 22.22 | 22.04  | 1    |
|                            |                     | 25              | 25        | 21.94  | 22.31 | 21.75  | 1    |
|                            |                     | 50              | 0         | 22.05  | 22.28 | 21.77  | 1    |
| 10M                        | 16QAM               | 1               | 0         | 22.10  | 22.27 | 21.97  | 1    |
|                            |                     | 1               | 24        | 22.04  | 22.24 | 21.87  | 1    |
|                            |                     | 1               | 49        | 22.07  | 22.23 | 21.89  | 1    |
|                            |                     | 25              | 0         | 21.11  | 21.37 | 21.00  | 2    |
|                            |                     | 25              | 12        | 21.10  | 21.22 | 20.84  | 2    |
|                            |                     | 25              | 25        | 21.05  | 21.26 | 20.78  | 2    |
|                            |                     | 50              | 0         | 21.10  | 21.20 | 20.99  | 2    |
| BW                         | MCS<br>Index        | Channel         |           | 37775  | 38000 | 38225  | 3GPP |
|                            |                     | Frequency (MHz) |           | 2572.5 | 2595  | 2617.5 | MPR  |
| 5M                         | QPSK                | 1               | 0         | 23.13  | 23.23 | 23.24  | 0    |
|                            |                     | 1               | 12        | 22.94  | 23.21 | 22.83  | 0    |
|                            |                     | 1               | 24        | 23.09  | 23.02 | 22.74  | 0    |
|                            |                     | 12              | 0         | 22.20  | 22.20 | 21.86  | 1    |
|                            |                     | 12              | 6         | 22.08  | 22.14 | 21.99  | 1    |
|                            |                     | 12              | 13        | 21.98  | 22.15 | 21.88  | 1    |
|                            |                     | 25              | 0         | 21.96  | 22.28 | 21.85  | 1    |
| 5M                         | 16QAM               | 1               | 0         | 22.13  | 22.34 | 21.94  | 1    |
|                            |                     | 1               | 12        | 22.01  | 22.16 | 21.89  | 1    |
|                            |                     | 1               | 24        | 22.03  | 22.13 | 21.95  | 1    |
|                            |                     | 12              | 0         | 21.05  | 21.29 | 21.00  | 2    |
|                            |                     | 12              | 6         | 21.12  | 21.21 | 20.95  | 2    |
|                            |                     | 12              | 13        | 20.95  | 21.19 | 20.76  | 2    |
|                            |                     | 25              | 0         | 21.09  | 21.23 | 20.81  | 2    |

## LTE Conducted Power (Full)

### LTE Band 41

| BW  | MCS Index | RB Size         | RB Offset | Low    | Mid    | Mid   | Mid    | High   | 3GPP MPR (dB) |
|-----|-----------|-----------------|-----------|--------|--------|-------|--------|--------|---------------|
|     |           | Channel         |           | 39750  | 40185  | 40620 | 41055  | 41490  |               |
|     |           | Frequency (MHz) |           | 2506   | 2549.5 | 2593  | 2636.5 | 2680   |               |
| 20M | QPSK      | 1               | 0         | 23.25  | 23.35  | 23.33 | 23.47  | 23.32  | 0             |
|     |           | 1               | 50        | 23.20  | 23.30  | 23.28 | 23.42  | 23.27  | 0             |
|     |           | 1               | 99        | 23.14  | 23.24  | 23.22 | 23.36  | 23.21  | 0             |
|     |           | 50              | 0         | 22.24  | 22.34  | 22.32 | 22.46  | 22.31  | 1             |
|     |           | 50              | 25        | 22.19  | 22.29  | 22.27 | 22.41  | 22.26  | 1             |
|     |           | 50              | 50        | 22.13  | 22.23  | 22.21 | 22.35  | 22.20  | 1             |
|     |           | 100             | 0         | 22.11  | 22.21  | 22.19 | 22.33  | 22.18  | 1             |
| 20M | 16QAM     | 1               | 0         | 22.22  | 22.32  | 22.30 | 22.44  | 22.29  | 1             |
|     |           | 1               | 50        | 22.21  | 22.31  | 22.29 | 22.43  | 22.28  | 1             |
|     |           | 1               | 99        | 22.19  | 22.29  | 22.27 | 22.41  | 22.26  | 1             |
|     |           | 50              | 0         | 21.25  | 21.35  | 21.33 | 21.47  | 21.32  | 2             |
|     |           | 50              | 25        | 21.23  | 21.33  | 21.31 | 21.45  | 21.30  | 2             |
|     |           | 50              | 50        | 21.22  | 21.32  | 21.30 | 21.44  | 21.29  | 2             |
|     |           | 100             | 0         | 21.21  | 21.31  | 21.29 | 21.43  | 21.28  | 2             |
| BW  | MCS Index | Channel         |           | 39725  | 40173  | 40620 | 41068  | 41515  | 3GPP MPR      |
|     |           | Frequency (MHz) |           | 2503.5 | 2548.3 | 2593  | 2637.8 | 2682.5 |               |
| 15M | QPSK      | 1               | 0         | 23.21  | 23.32  | 23.23 | 23.46  | 23.24  | 0             |
|     |           | 1               | 37        | 23.20  | 23.21  | 23.25 | 23.32  | 23.24  | 0             |
|     |           | 1               | 74        | 23.06  | 23.21  | 23.21 | 23.30  | 23.18  | 0             |
|     |           | 36              | 0         | 22.14  | 22.26  | 22.29 | 22.39  | 22.21  | 1             |
|     |           | 36              | 19        | 22.10  | 22.29  | 22.22 | 22.38  | 22.17  | 1             |
|     |           | 36              | 39        | 22.07  | 22.18  | 22.16 | 22.26  | 22.14  | 1             |
|     |           | 75              | 0         | 22.04  | 22.16  | 22.09 | 22.28  | 22.16  | 1             |
| 15M | 16QAM     | 1               | 0         | 22.19  | 22.25  | 22.22 | 22.38  | 22.28  | 1             |
|     |           | 1               | 37        | 22.20  | 22.22  | 22.25 | 22.37  | 22.25  | 1             |
|     |           | 1               | 74        | 22.18  | 22.21  | 22.23 | 22.32  | 22.19  | 1             |
|     |           | 36              | 0         | 21.18  | 21.31  | 21.32 | 21.45  | 21.32  | 2             |
|     |           | 36              | 19        | 21.18  | 21.26  | 21.28 | 21.42  | 21.20  | 2             |
|     |           | 36              | 39        | 21.19  | 21.31  | 21.20 | 21.35  | 21.26  | 2             |
|     |           | 75              | 0         | 21.13  | 21.26  | 21.21 | 21.35  | 21.22  | 2             |

| LTE Conducted Power (Full) |                     |                 |           |        |        |       |        |        |      |
|----------------------------|---------------------|-----------------|-----------|--------|--------|-------|--------|--------|------|
| LTE Band 41                |                     |                 |           |        |        |       |        |        |      |
| BW                         | MCS<br>MCS<br>Index | RB Size         | RB Offset | Low    | Mid    | Mid   | Mid    | High   | 3GPP |
|                            |                     | Channel         |           | 39700  | 40160  | 40620 | 41080  | 41540  | 3GPP |
|                            |                     | Frequency (MHz) |           | 2501   | 2547   | 2593  | 2639   | 2685   | MPR  |
| 10M                        | QPSK                | 1               | 0         | 23.23  | 23.34  | 23.29 | 23.45  | 23.29  | 0    |
|                            |                     | 1               | 24        | 23.19  | 23.21  | 23.27 | 23.37  | 23.17  | 0    |
|                            |                     | 1               | 49        | 23.11  | 23.19  | 23.19 | 23.35  | 23.19  | 0    |
|                            |                     | 25              | 0         | 22.20  | 22.26  | 22.26 | 22.37  | 22.22  | 1    |
|                            |                     | 25              | 12        | 22.12  | 22.27  | 22.24 | 22.33  | 22.20  | 1    |
|                            |                     | 25              | 25        | 22.03  | 22.17  | 22.16 | 22.34  | 22.18  | 1    |
|                            |                     | 50              | 0         | 22.07  | 22.20  | 22.15 | 22.29  | 22.16  | 1    |
| 10M                        | 16QAM               | 1               | 0         | 22.18  | 22.28  | 22.24 | 22.36  | 22.21  | 1    |
|                            |                     | 1               | 24        | 22.15  | 22.21  | 22.27 | 22.34  | 22.28  | 1    |
|                            |                     | 1               | 49        | 22.12  | 22.28  | 22.18 | 22.31  | 22.23  | 1    |
|                            |                     | 25              | 0         | 21.21  | 21.30  | 21.33 | 21.46  | 21.31  | 2    |
|                            |                     | 25              | 12        | 21.21  | 21.24  | 21.23 | 21.35  | 21.23  | 2    |
|                            |                     | 25              | 25        | 21.22  | 21.24  | 21.24 | 21.39  | 21.23  | 2    |
|                            |                     | 50              | 0         | 21.13  | 21.26  | 21.25 | 21.34  | 21.26  | 2    |
| BW                         | MCS<br>Index        | Channel         |           | 39675  | 40148  | 40620 | 41093  | 41565  | 3GPP |
|                            |                     | Frequency (MHz) |           | 2498.5 | 2545.8 | 2593  | 2640.3 | 2687.5 | MPR  |
| 5M                         | QPSK                | 1               | 0         | 23.23  | 23.29  | 23.23 | 23.39  | 23.32  | 0    |
|                            |                     | 1               | 12        | 23.18  | 23.26  | 23.24 | 23.35  | 23.24  | 0    |
|                            |                     | 1               | 24        | 23.11  | 23.20  | 23.16 | 23.26  | 23.12  | 0    |
|                            |                     | 12              | 0         | 22.14  | 22.24  | 22.23 | 22.43  | 22.23  | 1    |
|                            |                     | 12              | 6         | 22.09  | 22.21  | 22.17 | 22.35  | 22.20  | 1    |
|                            |                     | 12              | 13        | 22.11  | 22.22  | 22.18 | 22.35  | 22.14  | 1    |
|                            |                     | 25              | 0         | 22.08  | 22.17  | 22.18 | 22.30  | 22.13  | 1    |
| 5M                         | 16QAM               | 1               | 0         | 22.20  | 22.28  | 22.22 | 22.38  | 22.20  | 1    |
|                            |                     | 1               | 12        | 22.11  | 22.28  | 22.24 | 22.40  | 22.23  | 1    |
|                            |                     | 1               | 24        | 22.18  | 22.26  | 22.17 | 22.39  | 22.17  | 1    |
|                            |                     | 12              | 0         | 21.23  | 21.25  | 21.31 | 21.41  | 21.30  | 2    |
|                            |                     | 12              | 6         | 21.19  | 21.31  | 21.30 | 21.35  | 21.28  | 2    |
|                            |                     | 12              | 13        | 21.16  | 21.31  | 21.27 | 21.41  | 21.24  | 2    |
|                            |                     | 25              | 0         | 21.16  | 21.27  | 21.20 | 21.39  | 21.24  | 2    |

| LTE Conducted Power (Full) |           |                 |           |        |        |        |        |               |
|----------------------------|-----------|-----------------|-----------|--------|--------|--------|--------|---------------|
| LTE Band 48                |           |                 |           |        |        |        |        |               |
| BW                         | MCS Index | RB Size         | RB Offset | Low    | Mid    | Mid    | Mid    | 3GPP MPR (dB) |
|                            |           | Channel         |           | 55340  | 55780  | 56210  | 56640  |               |
|                            |           | Frequency (MHz) |           | 3560   | 3603   | 3647   | 3690   |               |
| 20M                        | QPSK      | 1               | 0         | 16.75  | 16.92  | 16.83  | 16.73  | 0             |
|                            |           | 1               | 50        | 16.70  | 16.85  | 16.78  | 16.66  | 0             |
|                            |           | 1               | 99        | 16.79  | 16.88  | 16.87  | 16.69  | 0             |
|                            |           | 50              | 0         | 15.77  | 15.87  | 15.87  | 15.73  | 1             |
|                            |           | 50              | 25        | 15.73  | 15.85  | 15.78  | 15.69  | 1             |
|                            |           | 50              | 50        | 15.76  | 15.83  | 15.83  | 15.68  | 1             |
|                            |           | 100             | 0         | 15.68  | 15.85  | 15.75  | 15.62  | 1             |
| 20M                        | 16QAM     | 1               | 0         | 15.75  | 15.84  | 15.83  | 15.67  | 1             |
|                            |           | 1               | 50        | 15.72  | 15.81  | 15.80  | 15.70  | 1             |
|                            |           | 1               | 99        | 15.63  | 15.77  | 15.69  | 15.61  | 1             |
|                            |           | 50              | 0         | 14.75  | 14.92  | 14.84  | 14.75  | 2             |
|                            |           | 50              | 25        | 14.87  | 14.88  | 14.88  | 14.80  | 2             |
|                            |           | 50              | 50        | 14.71  | 14.83  | 14.74  | 14.71  | 2             |
|                            |           | 100             | 0         | 14.81  | 14.85  | 14.84  | 14.71  | 2             |
| BW                         | MCS Index | Channel         |           | 55315  | 55765  | 56215  | 56665  | 3GPP MPR      |
|                            |           | Frequency (MHz) |           | 3557.5 | 3602.5 | 3647.5 | 3692.5 |               |
| 15M                        | QPSK      | 1               | 0         | 16.70  | 16.87  | 16.74  | 16.68  | 0             |
|                            |           | 1               | 37        | 16.64  | 16.77  | 16.70  | 16.59  | 0             |
|                            |           | 1               | 74        | 16.74  | 16.80  | 16.87  | 16.67  | 0             |
|                            |           | 36              | 0         | 15.74  | 15.77  | 15.81  | 15.67  | 1             |
|                            |           | 36              | 19        | 15.65  | 15.84  | 15.68  | 15.63  | 1             |
|                            |           | 36              | 39        | 15.66  | 15.83  | 15.79  | 15.67  | 1             |
|                            |           | 75              | 0         | 15.63  | 15.85  | 15.69  | 15.52  | 1             |
| 15M                        | 16QAM     | 1               | 0         | 15.75  | 15.76  | 15.74  | 15.58  | 1             |
|                            |           | 1               | 37        | 15.66  | 15.77  | 15.74  | 15.66  | 1             |
|                            |           | 1               | 74        | 15.57  | 15.75  | 15.68  | 15.56  | 1             |
|                            |           | 36              | 0         | 14.66  | 14.91  | 14.80  | 14.65  | 2             |
|                            |           | 36              | 19        | 14.82  | 14.81  | 14.86  | 14.73  | 2             |
|                            |           | 36              | 39        | 14.68  | 14.76  | 14.68  | 14.66  | 2             |
|                            |           | 75              | 0         | 14.71  | 14.77  | 14.77  | 14.64  | 2             |

| LTE Conducted Power (Full) |                     |                 |           |        |        |        |        |      |
|----------------------------|---------------------|-----------------|-----------|--------|--------|--------|--------|------|
| LTE Band 48                |                     |                 |           |        |        |        |        |      |
| BW                         | MCS<br>MCS<br>Index | RB Size         | RB Offset | Low    | Mid    | Mid    | Mid    | 3GPP |
|                            |                     | Channel         |           | 55290  | 55750  | 56220  | 56690  | 3GPP |
|                            |                     | Frequency (MHz) |           | 3555   | 3601   | 3648   | 3695   | MPR  |
| 10M                        | QPSK                | 1               | 0         | 16.66  | 16.91  | 16.73  | 16.65  | 0    |
|                            |                     | 1               | 24        | 16.60  | 16.77  | 16.72  | 16.60  | 0    |
|                            |                     | 1               | 49        | 16.76  | 16.83  | 16.78  | 16.69  | 0    |
|                            |                     | 25              | 0         | 15.71  | 15.83  | 15.82  | 15.64  | 1    |
|                            |                     | 25              | 12        | 15.63  | 15.80  | 15.70  | 15.59  | 1    |
|                            |                     | 25              | 25        | 15.67  | 15.83  | 15.80  | 15.66  | 1    |
|                            |                     | 50              | 0         | 15.67  | 15.84  | 15.66  | 15.54  | 1    |
| 10M                        | 16QAM               | 1               | 0         | 15.67  | 15.82  | 15.82  | 15.64  | 1    |
|                            |                     | 1               | 24        | 15.68  | 15.80  | 15.73  | 15.66  | 1    |
|                            |                     | 1               | 49        | 15.63  | 15.68  | 15.64  | 15.53  | 1    |
|                            |                     | 25              | 0         | 14.67  | 14.90  | 14.83  | 14.65  | 2    |
|                            |                     | 25              | 12        | 14.85  | 14.78  | 14.88  | 14.70  | 2    |
|                            |                     | 25              | 25        | 14.70  | 14.79  | 14.74  | 14.63  | 2    |
|                            |                     | 50              | 0         | 14.79  | 14.76  | 14.82  | 14.71  | 2    |
| BW                         | MCS<br>Index        | Channel         |           | 55265  | 55745  | 56235  | 56715  | 3GPP |
|                            |                     | Frequency (MHz) |           | 3552.5 | 3600.5 | 3649.5 | 3697.5 | MPR  |
| 5M                         | QPSK                | 1               | 0         | 16.71  | 16.84  | 16.78  | 16.71  | 0    |
|                            |                     | 1               | 12        | 16.64  | 16.76  | 16.70  | 16.58  | 0    |
|                            |                     | 1               | 24        | 16.69  | 16.79  | 16.81  | 16.69  | 0    |
|                            |                     | 12              | 0         | 15.67  | 15.81  | 15.79  | 15.72  | 1    |
|                            |                     | 12              | 6         | 15.64  | 15.80  | 15.74  | 15.59  | 1    |
|                            |                     | 12              | 13        | 15.76  | 15.73  | 15.73  | 15.59  | 1    |
|                            |                     | 25              | 0         | 15.66  | 15.84  | 15.65  | 15.54  | 1    |
| 5M                         | 16QAM               | 1               | 0         | 15.67  | 15.84  | 15.79  | 15.58  | 1    |
|                            |                     | 1               | 12        | 15.68  | 15.76  | 15.70  | 15.64  | 1    |
|                            |                     | 1               | 24        | 15.61  | 15.71  | 15.65  | 15.57  | 1    |
|                            |                     | 12              | 0         | 14.74  | 14.91  | 14.76  | 14.68  | 2    |
|                            |                     | 12              | 6         | 14.79  | 14.80  | 14.79  | 14.76  | 2    |
|                            |                     | 12              | 13        | 14.64  | 14.77  | 14.66  | 14.61  | 2    |
|                            |                     | 25              | 0         | 14.79  | 14.81  | 14.82  | 14.64  | 2    |

| LTE Conducted Power (Full) |           |                 |           |        |        |        |               |
|----------------------------|-----------|-----------------|-----------|--------|--------|--------|---------------|
| LTE Band 66                |           |                 |           |        |        |        |               |
| BW                         | MCS Index | RB Size         | RB Offset | Low    | Mid    | High   | 3GPP MPR (dB) |
|                            |           | Channel         |           | 132072 | 132322 | 132572 |               |
|                            |           | Frequency (MHz) |           | 1720   | 1745   | 1770   |               |
| 20M                        | QPSK      | 1               | 0         | 18.92  | 18.98  | 18.94  | 0             |
|                            |           | 1               | 50        | 18.76  | 18.95  | 18.85  | 0             |
|                            |           | 1               | 99        | 18.73  | 18.87  | 18.78  | 0             |
|                            |           | 50              | 0         | 17.83  | 17.95  | 17.91  | 1             |
|                            |           | 50              | 25        | 17.82  | 17.91  | 17.91  | 1             |
|                            |           | 50              | 50        | 17.76  | 17.87  | 17.82  | 1             |
|                            |           | 100             | 0         | 17.71  | 17.88  | 17.78  | 1             |
| 20M                        | 16QAM     | 1               | 0         | 17.85  | 17.98  | 17.91  | 1             |
|                            |           | 1               | 50        | 17.89  | 17.97  | 17.92  | 1             |
|                            |           | 1               | 99        | 17.81  | 17.93  | 17.89  | 1             |
|                            |           | 50              | 0         | 16.89  | 16.98  | 16.90  | 2             |
|                            |           | 50              | 25        | 16.77  | 16.94  | 16.85  | 2             |
|                            |           | 50              | 50        | 16.77  | 16.88  | 16.85  | 2             |
|                            |           | 100             | 0         | 16.72  | 16.91  | 16.82  | 2             |
| BW                         | MCS Index | Channel         |           | 132047 | 132322 | 132597 | 3GPP MPR      |
|                            |           | Frequency (MHz) |           | 1717.5 | 1745   | 1772.5 |               |
| 15M                        | QPSK      | 1               | 0         | 18.91  | 18.94  | 18.88  | 0             |
|                            |           | 1               | 37        | 18.72  | 18.95  | 18.81  | 0             |
|                            |           | 1               | 74        | 18.64  | 18.77  | 18.76  | 0             |
|                            |           | 36              | 0         | 17.74  | 17.94  | 17.91  | 1             |
|                            |           | 36              | 19        | 17.75  | 17.82  | 17.86  | 1             |
|                            |           | 36              | 39        | 17.70  | 17.77  | 17.78  | 1             |
|                            |           | 75              | 0         | 17.62  | 17.88  | 17.74  | 1             |
| 15M                        | 16QAM     | 1               | 0         | 17.80  | 17.95  | 17.85  | 1             |
|                            |           | 1               | 37        | 17.89  | 17.95  | 17.84  | 1             |
|                            |           | 1               | 74        | 17.78  | 17.88  | 17.83  | 1             |
|                            |           | 36              | 0         | 16.84  | 16.91  | 16.87  | 2             |
|                            |           | 36              | 19        | 16.77  | 16.85  | 16.77  | 2             |
|                            |           | 36              | 39        | 16.68  | 16.85  | 16.79  | 2             |
|                            |           | 75              | 0         | 16.68  | 16.87  | 16.82  | 2             |

| LTE Conducted Power (Full) |                     |                 |           |        |        |        |      |
|----------------------------|---------------------|-----------------|-----------|--------|--------|--------|------|
| LTE Band 66                |                     |                 |           |        |        |        |      |
| BW                         | MCS<br>MCS<br>Index | RB Size         | RB Offset | Low    | Mid    | High   | 3GPP |
|                            |                     | Channel         |           | 132022 | 132322 | 132622 | 3GPP |
|                            |                     | Frequency (MHz) |           | 1715   | 1745   | 1775   | MPR  |
| 10M                        | QPSK                | 1               | 0         | 18.82  | 18.93  | 18.86  | 0    |
|                            |                     | 1               | 24        | 18.68  | 18.88  | 18.82  | 0    |
|                            |                     | 1               | 49        | 18.68  | 18.85  | 18.77  | 0    |
|                            |                     | 25              | 0         | 17.74  | 17.94  | 17.87  | 1    |
|                            |                     | 25              | 12        | 17.74  | 17.85  | 17.90  | 1    |
|                            |                     | 25              | 25        | 17.67  | 17.80  | 17.77  | 1    |
|                            |                     | 50              | 0         | 17.63  | 17.83  | 17.68  | 1    |
| 10M                        | 16QAM               | 1               | 0         | 17.78  | 17.88  | 17.91  | 1    |
|                            |                     | 1               | 24        | 17.89  | 17.96  | 17.92  | 1    |
|                            |                     | 1               | 49        | 17.78  | 17.89  | 17.87  | 1    |
|                            |                     | 25              | 0         | 16.86  | 16.94  | 16.87  | 2    |
|                            |                     | 25              | 12        | 16.74  | 16.89  | 16.79  | 2    |
|                            |                     | 25              | 25        | 16.69  | 16.84  | 16.78  | 2    |
|                            |                     | 50              | 0         | 16.65  | 16.82  | 16.81  | 2    |
| BW                         | MCS<br>Index        | Channel         |           | 131997 | 132322 | 132647 | 3GPP |
|                            |                     | Frequency (MHz) |           | 1712.5 | 1745   | 1777.5 | MPR  |
| 5M                         | QPSK                | 1               | 0         | 18.92  | 18.91  | 18.94  | 0    |
|                            |                     | 1               | 12        | 18.69  | 18.89  | 18.77  | 0    |
|                            |                     | 1               | 24        | 18.72  | 18.83  | 18.71  | 0    |
|                            |                     | 12              | 0         | 17.80  | 17.87  | 17.88  | 1    |
|                            |                     | 12              | 6         | 17.81  | 17.87  | 17.88  | 1    |
|                            |                     | 12              | 13        | 17.67  | 17.82  | 17.76  | 1    |
|                            |                     | 25              | 0         | 17.69  | 17.86  | 17.78  | 1    |
| 5M                         | 16QAM               | 1               | 0         | 17.82  | 17.94  | 17.90  | 1    |
|                            |                     | 1               | 12        | 17.89  | 17.90  | 17.91  | 1    |
|                            |                     | 1               | 24        | 17.80  | 17.90  | 17.86  | 1    |
|                            |                     | 12              | 0         | 16.89  | 16.90  | 16.80  | 2    |
|                            |                     | 12              | 6         | 16.69  | 16.94  | 16.78  | 2    |
|                            |                     | 12              | 13        | 16.68  | 16.80  | 16.76  | 2    |
|                            |                     | 25              | 0         | 16.71  | 16.89  | 16.78  | 2    |

| LTE Conducted Power (Full) |                     |                 |           |        |        |        |      |
|----------------------------|---------------------|-----------------|-----------|--------|--------|--------|------|
| LTE Band 66                |                     |                 |           |        |        |        |      |
| BW                         | MCS<br>MCS<br>Index | RB Size         | RB Offset | Low    | Mid    | High   | 3GPP |
|                            |                     | Channel         |           | 131987 | 132322 | 132657 | 3GPP |
|                            |                     | Frequency (MHz) |           | 1711.5 | 1745   | 1778.5 | MPR  |
| 3M                         | QPSK                | 1               | 0         | 18.92  | 18.89  | 18.85  | 0    |
|                            |                     | 1               | 7         | 18.76  | 18.93  | 18.79  | 0    |
|                            |                     | 1               | 14        | 18.69  | 18.87  | 18.71  | 0    |
|                            |                     | 8               | 0         | 17.78  | 17.86  | 17.82  | 1    |
|                            |                     | 8               | 3         | 17.78  | 17.88  | 17.84  | 1    |
|                            |                     | 8               | 7         | 17.70  | 17.81  | 17.76  | 1    |
|                            |                     | 15              | 0         | 17.64  | 17.82  | 17.72  | 1    |
| 3M                         | 16QAM               | 1               | 0         | 17.79  | 17.88  | 17.88  | 1    |
|                            |                     | 1               | 7         | 17.88  | 17.88  | 17.89  | 1    |
|                            |                     | 1               | 14        | 17.72  | 17.90  | 17.87  | 1    |
|                            |                     | 8               | 0         | 16.88  | 16.88  | 16.85  | 2    |
|                            |                     | 8               | 3         | 16.68  | 16.87  | 16.83  | 2    |
|                            |                     | 8               | 7         | 16.72  | 16.87  | 16.81  | 2    |
|                            |                     | 15              | 0         | 16.62  | 16.89  | 16.77  | 2    |
| BW                         | MCS<br>Index        | Channel         |           | 131979 | 132322 | 132665 | 3GPP |
|                            |                     | Frequency (MHz) |           | 1710.7 | 1745   | 1779.3 | MPR  |
| 1.4M                       | QPSK                | 1               | 0         | 18.92  | 18.94  | 18.90  | 0    |
|                            |                     | 1               | 2         | 18.76  | 18.89  | 18.79  | 0    |
|                            |                     | 1               | 5         | 18.63  | 18.80  | 18.73  | 0    |
|                            |                     | 3               | 0         | 17.80  | 17.91  | 17.82  | 0    |
|                            |                     | 3               | 1         | 17.77  | 17.81  | 17.82  | 0    |
|                            |                     | 3               | 3         | 17.72  | 17.83  | 17.75  | 0    |
|                            |                     | 6               | 0         | 17.66  | 17.81  | 17.70  | 1    |
| 1.4M                       | 16QAM               | 1               | 0         | 17.81  | 17.94  | 17.85  | 1    |
|                            |                     | 1               | 2         | 17.82  | 17.93  | 17.88  | 1    |
|                            |                     | 1               | 5         | 17.72  | 17.84  | 17.82  | 1    |
|                            |                     | 3               | 0         | 16.82  | 16.92  | 16.85  | 1    |
|                            |                     | 3               | 1         | 16.76  | 16.85  | 16.83  | 1    |
|                            |                     | 3               | 3         | 16.67  | 16.78  | 16.85  | 1    |
|                            |                     | 6               | 0         | 16.64  | 16.86  | 16.75  | 2    |



| LTE Conducted Power (Full) |           |                 |           |        |        |        |               |
|----------------------------|-----------|-----------------|-----------|--------|--------|--------|---------------|
| LTE Band 71                |           |                 |           |        |        |        |               |
| BW                         | MCS Index | RB Size         | RB Offset | Low    | Mid    | Mid    | 3GPP MPR (dB) |
|                            |           | Channel         |           | 133222 | 133297 | 133372 |               |
|                            |           | Frequency (MHz) |           | 673    | 680.5  | 688    |               |
| 20M                        | QPSK      | 1               | 0         | 23.01  | 23.05  | 23.02  | 0             |
|                            |           | 1               | 50        | 22.89  | 22.97  | 22.91  | 0             |
|                            |           | 1               | 99        | 22.69  | 22.85  | 22.75  | 0             |
|                            |           | 50              | 0         | 22.09  | 22.22  | 22.12  | 1             |
|                            |           | 50              | 25        | 21.93  | 22.13  | 21.98  | 1             |
|                            |           | 50              | 50        | 21.88  | 22.07  | 21.91  | 1             |
|                            |           | 100             | 0         | 22.01  | 22.15  | 22.04  | 1             |
| 20M                        | 16QAM     | 1               | 0         | 22.27  | 22.44  | 22.34  | 1             |
|                            |           | 1               | 50        | 22.22  | 22.36  | 22.26  | 1             |
|                            |           | 1               | 99        | 22.09  | 22.24  | 22.13  | 1             |
|                            |           | 50              | 0         | 21.08  | 21.26  | 21.16  | 2             |
|                            |           | 50              | 25        | 21.06  | 21.19  | 21.08  | 2             |
|                            |           | 50              | 50        | 20.98  | 21.11  | 21.01  | 2             |
|                            |           | 100             | 0         | 21.01  | 21.15  | 21.03  | 2             |
| BW                         | MCS Index | Channel         |           | 133197 | 133297 | 133397 | 3GPP MPR      |
|                            |           | Frequency (MHz) |           | 670.5  | 680.5  | 690.5  |               |
| 15M                        | QPSK      | 1               | 0         | 22.81  | 22.91  | 22.84  | 0             |
|                            |           | 1               | 37        | 22.71  | 22.94  | 22.81  | 0             |
|                            |           | 1               | 74        | 22.59  | 22.73  | 22.65  | 0             |
|                            |           | 36              | 0         | 21.92  | 22.09  | 21.98  | 1             |
|                            |           | 36              | 19        | 21.75  | 22.00  | 21.86  | 1             |
|                            |           | 36              | 39        | 21.69  | 21.96  | 21.74  | 1             |
|                            |           | 75              | 0         | 21.81  | 22.03  | 21.86  | 1             |
| 15M                        | 16QAM     | 1               | 0         | 22.14  | 22.31  | 22.21  | 1             |
|                            |           | 1               | 37        | 22.03  | 22.18  | 22.08  | 1             |
|                            |           | 1               | 74        | 21.89  | 22.04  | 21.94  | 1             |
|                            |           | 36              | 0         | 20.96  | 21.09  | 21.05  | 2             |
|                            |           | 36              | 19        | 20.91  | 21.00  | 20.95  | 2             |
|                            |           | 36              | 39        | 20.87  | 20.96  | 20.88  | 2             |
|                            |           | 75              | 0         | 20.84  | 21.01  | 20.93  | 2             |

| LTE Conducted Power (Full) |                     |                 |           |        |        |        |             |
|----------------------------|---------------------|-----------------|-----------|--------|--------|--------|-------------|
| LTE Band 71                |                     |                 |           |        |        |        |             |
| BW                         | MCS<br>MCS<br>Index | RB Size         | RB Offset | Low    | Mid    | Mid    | 3GPP        |
|                            |                     | Channel         |           | 133172 | 133297 | 133422 | 3GPP<br>MPR |
|                            |                     | Frequency (MHz) |           | 668    | 680.5  | 693    |             |
| 10M                        | QPSK                | 1               | 0         | 22.74  | 22.91  | 22.81  | 0           |
|                            |                     | 1               | 24        | 22.71  | 22.80  | 22.75  | 0           |
|                            |                     | 1               | 49        | 22.45  | 22.62  | 22.63  | 0           |
|                            |                     | 25              | 0         | 21.92  | 21.97  | 21.88  | 1           |
|                            |                     | 25              | 12        | 21.61  | 21.92  | 21.82  | 1           |
|                            |                     | 25              | 25        | 21.56  | 21.85  | 21.66  | 1           |
|                            |                     | 50              | 0         | 21.77  | 21.92  | 21.74  | 1           |
| 10M                        | 16QAM               | 1               | 0         | 22.06  | 22.21  | 22.13  | 1           |
|                            |                     | 1               | 24        | 22.03  | 22.14  | 22.05  | 1           |
|                            |                     | 1               | 49        | 21.87  | 22.01  | 21.87  | 1           |
|                            |                     | 25              | 0         | 20.87  | 20.99  | 20.98  | 2           |
|                            |                     | 25              | 12        | 20.80  | 20.98  | 20.84  | 2           |
|                            |                     | 25              | 25        | 20.79  | 20.82  | 20.85  | 2           |
|                            |                     | 50              | 0         | 20.73  | 20.88  | 20.78  | 2           |
| BW                         | MCS<br>Index        | Channel         |           | 133147 | 133297 | 133447 | 3GPP<br>MPR |
|                            |                     | Frequency (MHz) |           | 665.5  | 680.5  | 695.5  |             |
| 5M                         | QPSK                | 1               | 0         | 22.78  | 22.87  | 22.70  | 0           |
|                            |                     | 1               | 12        | 22.69  | 22.87  | 22.62  | 0           |
|                            |                     | 1               | 24        | 22.51  | 22.58  | 22.54  | 0           |
|                            |                     | 12              | 0         | 21.90  | 22.08  | 21.80  | 1           |
|                            |                     | 12              | 6         | 21.64  | 21.92  | 21.76  | 1           |
|                            |                     | 12              | 13        | 21.65  | 21.90  | 21.56  | 1           |
|                            |                     | 25              | 0         | 21.71  | 21.93  | 21.68  | 1           |
| 5M                         | 16QAM               | 1               | 0         | 22.09  | 22.22  | 22.08  | 1           |
|                            |                     | 1               | 12        | 21.90  | 22.17  | 22.01  | 1           |
|                            |                     | 1               | 24        | 21.81  | 21.98  | 21.86  | 1           |
|                            |                     | 12              | 0         | 20.94  | 21.00  | 20.97  | 2           |
|                            |                     | 12              | 6         | 20.86  | 20.91  | 20.94  | 2           |
|                            |                     | 12              | 13        | 20.77  | 20.82  | 20.81  | 2           |
|                            |                     | 25              | 0         | 20.70  | 20.97  | 20.90  | 2           |

## Appendix 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 & Position    |          |          |               |                          |         |     |           | SAR                      |                                |                |                  |                        |                      |
| Plot No.             | Band     | Mode     | Test Position | Separation Distance (mm) | Channel | RB# | RB offset | Max. Tune-up Power (dBm) | Measured Conducted Power (dBm) | Scaling Factor | Power Drift (dB) | Measured SAR-1g (W/kg) | Scaled SAR-1g (W/kg) |
| 1                    | WCDMA II | RMC12.2K | Rear Face     | 0                        | 9400    |     |           | 20.00                    | 19.87                          | 1.03           | -0.06            | 1.04                   | 1.07                 |
|                      | WCDMA II | RMC12.2K | Left Side     | 0                        | 9400    |     |           | 20.00                    | 19.87                          | 1.03           | 0                | <0.001                 | 0.00                 |
|                      | WCDMA II | RMC12.2K | Right Side    | 0                        | 9400    |     |           | 20.00                    | 19.87                          | 1.03           | -0.13            | 0.278                  | 0.29                 |
|                      | WCDMA II | RMC12.2K | Top Side      | 0                        | 9400    |     |           | 20.00                    | 19.87                          | 1.03           | -0.19            | 0.079                  | 0.08                 |
|                      | WCDMA II | RMC12.2K | Bottom Side   | 0                        | 9400    |     |           | 20.00                    | 19.87                          | 1.03           | 0.13             | 0.124                  | 0.13                 |
|                      | WCDMA II | RMC12.2K | Rear Face     | 0                        | 9262    |     |           | 20.00                    | 19.76                          | 1.06           | 0.12             | 0.781                  | 0.83                 |
|                      | WCDMA II | RMC12.2K | Rear Face     | 0                        | 9538    |     |           | 20.00                    | 19.66                          | 1.08           | 0.1              | 0.951                  | 1.03                 |
|                      | WCDMA II | RMC12.2K | Rear Face     | 0                        | 9400    |     |           | 20.00                    | 19.87                          | 1.03           | 0.03             | 1.01                   | 1.04                 |
|                      |          |          |               |                          |         |     |           |                          |                                |                |                  |                        |                      |
| 2                    | WCDMA IV | RMC12.2K | Rear Face     | 0                        | 1413    |     |           | 20.00                    | 19.79                          | 1.05           | 0.1              | 1.04                   | 1.09                 |
|                      | WCDMA IV | RMC12.2K | Left Side     | 0                        | 1413    |     |           | 20.00                    | 19.79                          | 1.05           | 0                | <0.001                 | 0.00                 |
|                      | WCDMA IV | RMC12.2K | Right Side    | 0                        | 1413    |     |           | 20.00                    | 19.79                          | 1.05           | -0.01            | 0.275                  | 0.29                 |
|                      | WCDMA IV | RMC12.2K | Top Side      | 0                        | 1413    |     |           | 20.00                    | 19.79                          | 1.05           | -0.18            | 0.035                  | 0.04                 |
|                      | WCDMA IV | RMC12.2K | Bottom Side   | 0                        | 1413    |     |           | 20.00                    | 19.79                          | 1.05           | -0.18            | 0.067                  | 0.07                 |
|                      | WCDMA IV | RMC12.2K | Rear Face     | 0                        | 1312    |     |           | 20.00                    | 19.61                          | 1.09           | 0.14             | 0.995                  | 1.08                 |
|                      | WCDMA IV | RMC12.2K | Rear Face     | 0                        | 1513    |     |           | 20.00                    | 19.67                          | 1.08           | 0.04             | 0.951                  | 1.03                 |
|                      | WCDMA IV | RMC12.2K | Rear Face     | 0                        | 1413    |     |           | 20.00                    | 19.79                          | 1.05           | 0.04             | 1.02                   | 1.07                 |
|                      |          |          |               |                          |         |     |           |                          |                                |                |                  |                        |                      |
| 3                    | WCDMA V  | RMC12.2K | Rear Face     | 0                        | 4182    |     |           | 20.00                    | 19.97                          | 1.01           | -0.03            | 0.946                  | 0.96                 |
|                      | WCDMA V  | RMC12.2K | Left Side     | 0                        | 4182    |     |           | 20.00                    | 19.97                          | 1.01           | 0                | <0.001                 | 0.00                 |
|                      | WCDMA V  | RMC12.2K | Right Side    | 0                        | 4182    |     |           | 20.00                    | 19.97                          | 1.01           | -0.12            | 0.291                  | 0.29                 |
|                      | WCDMA V  | RMC12.2K | Top Side      | 0                        | 4182    |     |           | 20.00                    | 19.97                          | 1.01           | -0.03            | 0.173                  | 0.17                 |
|                      | WCDMA V  | RMC12.2K | Bottom Side   | 0                        | 4182    |     |           | 20.00                    | 19.97                          | 1.01           | -0.16            | 0.056                  | 0.06                 |
|                      | WCDMA V  | RMC12.2K | Rear Face     | 0                        | 4132    |     |           | 20.00                    | 19.94                          | 1.01           | 0.03             | 0.92                   | 0.93                 |
|                      | WCDMA V  | RMC12.2K | Rear Face     | 0                        | 4233    |     |           | 20.00                    | 19.82                          | 1.04           | -0.1             | 0.845                  | 0.88                 |
|                      | WCDMA V  | RMC12.2K | Rear Face     | 0                        | 4182    |     |           | 20.00                    | 19.97                          | 1.01           | 0.01             | 0.934                  | 0.94                 |
|                      |          |          |               |                          |         |     |           |                          |                                |                |                  |                        |                      |

| Body SAR Test Result |       |         |               |                          |         |     |           |                          |                                |                |                  |                        |                      |
|----------------------|-------|---------|---------------|--------------------------|---------|-----|-----------|--------------------------|--------------------------------|----------------|------------------|------------------------|----------------------|
| System & Position    |       |         |               |                          |         |     |           | SAR                      |                                |                |                  |                        |                      |
| Plot No.             | Band  | Mode    | Test Position | Separation Distance (mm) | Channel | RB# | RB offset | Max. Tune-up Power (dBm) | Measured Conducted Power (dBm) | Scaling Factor | Power Drift (dB) | Measured SAR-1g (W/kg) | Scaled SAR-1g (W/kg) |
| 4                    | LTE 4 | QPSK20M | Rear Face     | 0                        | 20175   | 1   | 0         | 19.50                    | 19.46                          | 1.01           | -0.16            | 0.953                  | 0.96                 |
|                      | LTE 4 | QPSK20M | Left Side     | 0                        | 20175   | 1   | 0         | 19.50                    | 19.46                          | 1.01           | 0                | <0.001                 | 0.00                 |
|                      | LTE 4 | QPSK20M | Right Side    | 0                        | 20175   | 1   | 0         | 19.50                    | 19.46                          | 1.01           | 0.19             | 0.288                  | 0.29                 |
|                      | LTE 4 | QPSK20M | Top Side      | 0                        | 20175   | 1   | 0         | 19.50                    | 19.46                          | 1.01           | 0.15             | 0.075                  | 0.08                 |
|                      | LTE 4 | QPSK20M | Bottom Side   | 0                        | 20175   | 1   | 0         | 19.50                    | 19.46                          | 1.01           | 0.03             | 0.058                  | 0.06                 |
|                      | LTE 4 | QPSK20M | Rear Face     | 0                        | 20175   | 50  | 0         | 18.50                    | 18.46                          | 1.01           | -0.01            | 0.701                  | 0.71                 |
|                      | LTE 4 | QPSK20M | Left Side     | 0                        | 20175   | 50  | 0         | 18.50                    | 18.46                          | 1.01           | 0                | <0.001                 | 0.00                 |
|                      | LTE 4 | QPSK20M | Right Side    | 0                        | 20175   | 50  | 0         | 18.50                    | 18.46                          | 1.01           | -0.01            | 0.265                  | 0.27                 |
|                      | LTE 4 | QPSK20M | Top Side      | 0                        | 20175   | 50  | 0         | 18.50                    | 18.46                          | 1.01           | -0.16            | 0.04                   | 0.04                 |
|                      | LTE 4 | QPSK20M | Bottom Side   | 0                        | 20175   | 50  | 0         | 18.50                    | 18.46                          | 1.01           | 0.11             | 0.048                  | 0.05                 |
|                      | LTE 4 | QPSK20M | Rear Face     | 0                        | 20175   | 100 | 0         | 18.50                    | 18.39                          | 1.03           | 0.13             | 0.671                  | 0.69                 |
|                      | LTE 4 | QPSK20M | Rear Face     | 0                        | 20050   | 1   | 0         | 19.50                    | 19.42                          | 1.02           | -0.1             | 0.896                  | 0.91                 |
|                      | LTE 4 | QPSK20M | Rear Face     | 0                        | 20300   | 1   | 0         | 19.50                    | 19.43                          | 1.02           | -0.05            | 0.865                  | 0.88                 |
|                      | LTE 4 | QPSK20M | Rear Face     | 0                        | 20175   | 1   | 0         | 19.50                    | 19.46                          | 1.01           | 0.09             | 0.935                  | 0.94                 |
|                      |       |         |               |                          |         |     |           |                          |                                |                |                  |                        |                      |
|                      | LTE 5 | QPSK10M | Rear Face     | 0                        | 20525   | 1   | 0         | 22.00                    | 21.91                          | 1.02           | 0.12             | 0.864                  | 0.88                 |
|                      | LTE 5 | QPSK10M | Left Side     | 0                        | 20525   | 1   | 0         | 22.00                    | 21.91                          | 1.02           | 0                | <0.001                 | 0.00                 |
|                      | LTE 5 | QPSK10M | Right Side    | 0                        | 20525   | 1   | 0         | 22.00                    | 21.91                          | 1.02           | 0.18             | 0.274                  | 0.28                 |
|                      | LTE 5 | QPSK10M | Top Side      | 0                        | 20525   | 1   | 0         | 22.00                    | 21.91                          | 1.02           | -0.14            | 0.205                  | 0.21                 |
|                      | LTE 5 | QPSK10M | Bottom Side   | 0                        | 20525   | 1   | 0         | 22.00                    | 21.91                          | 1.02           | -0.1             | 0.123                  | 0.13                 |
|                      | LTE 5 | QPSK10M | Rear Face     | 0                        | 20525   | 25  | 0         | 21.00                    | 20.83                          | 1.04           | -0.11            | 0.725                  | 0.75                 |
|                      | LTE 5 | QPSK10M | Left Side     | 0                        | 20525   | 25  | 0         | 21.00                    | 20.83                          | 1.04           | 0                | <0.001                 | 0.00                 |
|                      | LTE 5 | QPSK10M | Right Side    | 0                        | 20525   | 25  | 0         | 21.00                    | 20.83                          | 1.04           | -0.11            | 0.211                  | 0.22                 |
|                      | LTE 5 | QPSK10M | Top Side      | 0                        | 20525   | 25  | 0         | 21.00                    | 20.83                          | 1.04           | 0.02             | 0.155                  | 0.16                 |
|                      | LTE 5 | QPSK10M | Bottom Side   | 0                        | 20525   | 25  | 0         | 21.00                    | 20.83                          | 1.04           | -0.04            | 0.092                  | 0.10                 |
|                      | LTE 5 | QPSK10M | Rear Face     | 0                        | 20525   | 50  | 0         | 21.00                    | 20.73                          | 1.06           | 0.04             | 0.706                  | 0.75                 |
| 5                    | LTE 5 | QPSK10M | Rear Face     | 0                        | 20450   | 1   | 0         | 22.00                    | 21.85                          | 1.04           | -0.08            | 0.944                  | 0.98                 |
|                      | LTE 5 | QPSK10M | Rear Face     | 0                        | 20600   | 1   | 0         | 22.00                    | 21.84                          | 1.04           | -0.02            | 0.822                  | 0.85                 |
|                      | LTE 5 | QPSK10M | Rear Face     | 0                        | 20450   | 1   | 0         | 22.00                    | 21.85                          | 1.04           | 0.02             | 0.922                  | 0.96                 |
|                      |       |         |               |                          |         |     |           |                          |                                |                |                  |                        |                      |

| Body SAR Test Result |        |         |               |                          |         |     |           |                          |                                |                |                  |                        |                      |
|----------------------|--------|---------|---------------|--------------------------|---------|-----|-----------|--------------------------|--------------------------------|----------------|------------------|------------------------|----------------------|
| System & Position    |        |         |               |                          |         |     |           | SAR                      |                                |                |                  |                        |                      |
| Plot No.             | Band   | Mode    | Test Position | Separation Distance (mm) | Channel | RB# | RB offset | Max. Tune-up Power (dBm) | Measured Conducted Power (dBm) | Scaling Factor | Power Drift (dB) | Measured SAR-1g (W/kg) | Scaled SAR-1g (W/kg) |
| 6                    | LTE 7  | QPSK20M | Rear Face     | 0                        | 21100   | 1   | 0         | 20.00                    | 19.65                          | 1.08           | -0.07            | 1.02                   | 1.10                 |
|                      | LTE 7  | QPSK20M | Left Side     | 0                        | 21100   | 1   | 0         | 20.00                    | 19.65                          | 1.08           | 0                | <0.001                 | 0.00                 |
|                      | LTE 7  | QPSK20M | Right Side    | 0                        | 21100   | 1   | 0         | 20.00                    | 19.65                          | 1.08           | -0.13            | 0.258                  | 0.28                 |
|                      | LTE 7  | QPSK20M | Top Side      | 0                        | 21100   | 1   | 0         | 20.00                    | 19.65                          | 1.08           | 0.02             | 0.068                  | 0.07                 |
|                      | LTE 7  | QPSK20M | Bottom Side   | 0                        | 21100   | 1   | 0         | 20.00                    | 19.65                          | 1.08           | 0.15             | 0.058                  | 0.06                 |
|                      | LTE 7  | QPSK20M | Rear Face     | 0                        | 21100   | 50  | 0         | 19.00                    | 18.69                          | 1.07           | 0.12             | 0.879                  | 0.94                 |
|                      | LTE 7  | QPSK20M | Left Side     | 0                        | 21100   | 50  | 0         | 19.00                    | 18.69                          | 1.07           | 0                | <0.001                 | 0.00                 |
|                      | LTE 7  | QPSK20M | Right Side    | 0                        | 21100   | 50  | 0         | 19.00                    | 18.69                          | 1.07           | 0.04             | 0.211                  | 0.23                 |
|                      | LTE 7  | QPSK20M | Top Side      | 0                        | 21100   | 50  | 0         | 19.00                    | 18.69                          | 1.07           | 0.02             | 0.08                   | 0.09                 |
|                      | LTE 7  | QPSK20M | Bottom Side   | 0                        | 21100   | 50  | 0         | 19.00                    | 18.69                          | 1.07           | 0.16             | 0.049                  | 0.05                 |
|                      | LTE 7  | QPSK20M | Rear Face     | 0                        | 21100   | 100 | 0         | 19.00                    | 18.63                          | 1.09           | -0.13            | 0.588                  | 0.64                 |
|                      | LTE 7  | QPSK20M | Rear Face     | 0                        | 20850   | 1   | 0         | 20.00                    | 19.53                          | 1.11           | 0.1              | 0.815                  | 0.90                 |
|                      | LTE 7  | QPSK20M | Rear Face     | 0                        | 21350   | 1   | 0         | 20.00                    | 19.52                          | 1.12           | 0.18             | 0.695                  | 0.78                 |
|                      | LTE 7  | QPSK20M | Rear Face     | 0                        | 20850   | 50  | 0         | 19.00                    | 18.65                          | 1.08           | 0.07             | 0.682                  | 0.74                 |
|                      | LTE 7  | QPSK20M | Rear Face     | 0                        | 21350   | 50  | 0         | 19.00                    | 18.68                          | 1.08           | -0.13            | 0.691                  | 0.75                 |
|                      | LTE 7  | QPSK20M | Rear Face     | 0                        | 21100   | 1   | 0         | 20.00                    | 19.65                          | 1.08           | 0.15             | 0.988                  | 1.07                 |
|                      |        |         |               |                          |         |     |           |                          |                                |                |                  |                        |                      |
| 7                    | LTE 12 | QPSK10M | Rear Face     | 0                        | 23095   | 1   | 0         | 22.00                    | 21.95                          | 1.01           | -0.13            | 1.1                    | 1.11                 |
|                      | LTE 12 | QPSK10M | Left Side     | 0                        | 23095   | 1   | 0         | 22.00                    | 21.95                          | 1.01           | 0                | <0.001                 | 0.00                 |
|                      | LTE 12 | QPSK10M | Right Side    | 0                        | 23095   | 1   | 0         | 22.00                    | 21.95                          | 1.01           | -0.18            | 0.259                  | 0.26                 |
|                      | LTE 12 | QPSK10M | Top Side      | 0                        | 23095   | 1   | 0         | 22.00                    | 21.95                          | 1.01           | 0.14             | 0.105                  | 0.11                 |
|                      | LTE 12 | QPSK10M | Bottom Side   | 0                        | 23095   | 1   | 0         | 22.00                    | 21.95                          | 1.01           | -0.09            | 0.062                  | 0.06                 |
|                      | LTE 12 | QPSK10M | Rear Face     | 0                        | 23095   | 25  | 0         | 21.00                    | 20.94                          | 1.01           | -0.15            | 0.898                  | 0.91                 |
|                      | LTE 12 | QPSK10M | Left Side     | 0                        | 23095   | 25  | 0         | 21.00                    | 20.94                          | 1.01           | 0                | <0.001                 | 0.00                 |
|                      | LTE 12 | QPSK10M | Right Side    | 0                        | 23095   | 25  | 0         | 21.00                    | 20.94                          | 1.01           | 0.14             | 0.22                   | 0.22                 |
|                      | LTE 12 | QPSK10M | Top Side      | 0                        | 23095   | 25  | 0         | 21.00                    | 20.94                          | 1.01           | -0.1             | 0.093                  | 0.09                 |
|                      | LTE 12 | QPSK10M | Bottom Side   | 0                        | 23095   | 25  | 0         | 21.00                    | 20.94                          | 1.01           | 0.17             | 0.046                  | 0.05                 |
|                      | LTE 12 | QPSK10M | Rear Face     | 0                        | 23095   | 50  | 0         | 21.00                    | 20.87                          | 1.03           | -0.14            | 0.87                   | 0.90                 |
|                      | LTE 12 | QPSK10M | Rear Face     | 0                        | 23060   | 1   | 0         | 22.00                    | 21.87                          | 1.03           | 0.18             | 1                      | 1.03                 |
|                      | LTE 12 | QPSK10M | Rear Face     | 0                        | 23130   | 1   | 0         | 22.00                    | 21.94                          | 1.01           | -0.17            | 1.07                   | 1.08                 |
|                      | LTE 12 | QPSK10M | Rear Face     | 0                        | 23060   | 25  | 0         | 21.00                    | 20.89                          | 1.03           | -0.01            | 0.878                  | 0.90                 |
|                      | LTE 12 | QPSK10M | Rear Face     | 0                        | 23130   | 25  | 0         | 21.00                    | 20.93                          | 1.02           | -0.03            | 0.904                  | 0.92                 |
|                      | LTE 12 | QPSK10M | Rear Face     | 0                        | 23095   | 1   | 0         | 22.00                    | 21.95                          | 1.01           | 0.05             | 1.08                   | 1.09                 |

| Body SAR Test Result |        |         |               |                          |         |     |           |                          |                                |                |                  |                        |                      |
|----------------------|--------|---------|---------------|--------------------------|---------|-----|-----------|--------------------------|--------------------------------|----------------|------------------|------------------------|----------------------|
| System & Position    |        |         |               |                          |         |     |           | SAR                      |                                |                |                  |                        |                      |
| Plot No.             | Band   | Mode    | Test Position | Separation Distance (mm) | Channel | RB# | RB offset | Max. Tune-up Power (dBm) | Measured Conducted Power (dBm) | Scaling Factor | Power Drift (dB) | Measured SAR-1g (W/kg) | Scaled SAR-1g (W/kg) |
| 8                    | LTE 13 | QPSK10M | Rear Face     | 0                        | 23230   | 1   | 0         | 22.00                    | 21.91                          | 1.02           | -0.07            | 0.918                  | 0.94                 |
|                      | LTE 13 | QPSK10M | Left Side     | 0                        | 23230   | 1   | 0         | 22.00                    | 21.91                          | 1.02           | 0                | <0.001                 | 0.00                 |
|                      | LTE 13 | QPSK10M | Right Side    | 0                        | 23230   | 1   | 0         | 22.00                    | 21.91                          | 1.02           | 0.14             | 0.266                  | 0.27                 |
|                      | LTE 13 | QPSK10M | Top Side      | 0                        | 23230   | 1   | 0         | 22.00                    | 21.91                          | 1.02           | 0.01             | 0.132                  | 0.13                 |
|                      | LTE 13 | QPSK10M | Bottom Side   | 0                        | 23230   | 1   | 0         | 22.00                    | 21.91                          | 1.02           | 0.04             | 0.154                  | 0.16                 |
|                      | LTE 13 | QPSK10M | Rear Face     | 0                        | 23230   | 25  | 0         | 21.00                    | 20.91                          | 1.02           | 0.1              | 0.757                  | 0.77                 |
|                      | LTE 13 | QPSK10M | Left Side     | 0                        | 23230   | 25  | 0         | 21.00                    | 20.91                          | 1.02           | 0                | <0.001                 | 0.00                 |
|                      | LTE 13 | QPSK10M | Right Side    | 0                        | 23230   | 25  | 0         | 21.00                    | 20.91                          | 1.02           | -0.03            | 0.257                  | 0.26                 |
|                      | LTE 13 | QPSK10M | Top Side      | 0                        | 23230   | 25  | 0         | 21.00                    | 20.91                          | 1.02           | 0.14             | 0.093                  | 0.09                 |
|                      | LTE 13 | QPSK10M | Bottom Side   | 0                        | 23230   | 25  | 0         | 21.00                    | 20.91                          | 1.02           | -0.03            | 0.144                  | 0.15                 |
|                      | LTE 13 | QPSK10M | Rear Face     | 0                        | 23230   | 50  | 0         | 21.00                    | 20.76                          | 1.06           | 0.14             | 0.747                  | 0.79                 |
|                      | LTE 13 | QPSK10M | Rear Face     | 0                        | 23230   | 1   | 0         | 22.00                    | 21.91                          | 1.02           | 0.04             | 0.906                  | 0.92                 |
|                      |        |         |               |                          |         |     |           |                          |                                |                |                  |                        |                      |
| 18                   | LTE 14 | QPSK10M | Rear Face     | 0                        | 23330   | 1   | 0         | 21.50                    | 21.35                          | 1.04           | -0.08            | 0.935                  | 0.97                 |
|                      | LTE 14 | QPSK10M | Left Side     | 0                        | 23330   | 1   | 0         | 21.50                    | 21.35                          | 1.04           | 0                | <0.001                 | 0.00                 |
|                      | LTE 14 | QPSK10M | Right Side    | 0                        | 23330   | 1   | 0         | 21.50                    | 21.35                          | 1.04           | 0.09             | 0.281                  | 0.29                 |
|                      | LTE 14 | QPSK10M | Top Side      | 0                        | 23330   | 1   | 0         | 21.50                    | 21.35                          | 1.04           | 0.12             | 0.084                  | 0.09                 |
|                      | LTE 14 | QPSK10M | Bottom Side   | 0                        | 23330   | 1   | 0         | 21.50                    | 21.35                          | 1.04           | -0.04            | 0.14                   | 0.15                 |
|                      | LTE 14 | QPSK10M | Rear Face     | 0                        | 23330   | 25  | 0         | 20.50                    | 20.45                          | 1.01           | 0.13             | 0.755                  | 0.76                 |
|                      | LTE 14 | QPSK10M | Left Side     | 0                        | 23330   | 25  | 0         | 20.50                    | 20.45                          | 1.01           | 0                | <0.001                 | 0.00                 |
|                      | LTE 14 | QPSK10M | Right Side    | 0                        | 23330   | 25  | 0         | 20.50                    | 20.45                          | 1.01           | 0.01             | 0.132                  | 0.13                 |
|                      | LTE 14 | QPSK10M | Top Side      | 0                        | 23330   | 25  | 0         | 20.50                    | 20.45                          | 1.01           | -0.08            | 0.079                  | 0.08                 |
|                      | LTE 14 | QPSK10M | Bottom Side   | 0                        | 23330   | 25  | 0         | 20.50                    | 20.45                          | 1.01           | -0.09            | 0.121                  | 0.12                 |
|                      | LTE 14 | QPSK10M | Rear Face     | 0                        | 23330   | 50  | 0         | 20.50                    | 20.34                          | 1.04           | -0.01            | 0.912                  | 0.95                 |
|                      | LTE 14 | QPSK10M | Rear Face     | 0                        | 23330   | 1   | 0         | 21.50                    | 21.35                          | 1.04           | -0.08            | 0.928                  | 0.97                 |
|                      |        |         |               |                          |         |     |           |                          |                                |                |                  |                        |                      |

| Body SAR Test Result |        |         |               |                          |         |     |           |                          |                                |                |                  |                        |                      |
|----------------------|--------|---------|---------------|--------------------------|---------|-----|-----------|--------------------------|--------------------------------|----------------|------------------|------------------------|----------------------|
| System & Position    |        |         |               |                          |         |     |           | SAR                      |                                |                |                  |                        |                      |
| Plot No.             | Band   | Mode    | Test Position | Separation Distance (mm) | Channel | RB# | RB offset | Max. Tune-up Power (dBm) | Measured Conducted Power (dBm) | Scaling Factor | Power Drift (dB) | Measured SAR-1g (W/kg) | Scaled SAR-1g (W/kg) |
| 9                    | LTE 25 | QPSK20M | Rear Face     | 0                        | 26365   | 1   | 0         | 19.50                    | 19.48                          | 1.00           | -0.09            | 0.937                  | 0.94                 |
|                      | LTE 25 | QPSK20M | Left Side     | 0                        | 26365   | 1   | 0         | 19.50                    | 19.48                          | 1.00           | 0                | <0.001                 | 0.00                 |
|                      | LTE 25 | QPSK20M | Right Side    | 0                        | 26365   | 1   | 0         | 19.50                    | 19.48                          | 1.00           | -0.16            | 0.224                  | 0.22                 |
|                      | LTE 25 | QPSK20M | Top Side      | 0                        | 26365   | 1   | 0         | 19.50                    | 19.48                          | 1.00           | -0.09            | 0.06                   | 0.06                 |
|                      | LTE 25 | QPSK20M | Bottom Side   | 0                        | 26365   | 1   | 0         | 19.50                    | 19.48                          | 1.00           | -0.04            | 0.124                  | 0.12                 |
|                      | LTE 25 | QPSK20M | Rear Face     | 0                        | 26365   | 50  | 0         | 18.50                    | 18.46                          | 1.01           | -0.07            | 0.79                   | 0.80                 |
|                      | LTE 25 | QPSK20M | Left Side     | 0                        | 26365   | 50  | 0         | 18.50                    | 18.46                          | 1.01           | 0                | <0.001                 | 0.00                 |
|                      | LTE 25 | QPSK20M | Right Side    | 0                        | 26365   | 50  | 0         | 18.50                    | 18.46                          | 1.01           | -0.13            | 0.283                  | 0.29                 |
|                      | LTE 25 | QPSK20M | Top Side      | 0                        | 26365   | 50  | 0         | 18.50                    | 18.46                          | 1.01           | 0.14             | 0.037                  | 0.04                 |
|                      | LTE 25 | QPSK20M | Bottom Side   | 0                        | 26365   | 50  | 0         | 18.50                    | 18.46                          | 1.01           | 0.02             | 0.085                  | 0.09                 |
|                      | LTE 25 | QPSK20M | Rear Face     | 0                        | 26365   | 100 | 0         | 18.50                    | 18.42                          | 1.02           | -0.02            | 0.77                   | 0.79                 |
|                      | LTE 25 | QPSK20M | Rear Face     | 0                        | 26140   | 1   | 0         | 19.50                    | 19.41                          | 1.02           | 0.02             | 0.802                  | 0.82                 |
|                      | LTE 25 | QPSK20M | Rear Face     | 0                        | 26590   | 1   | 0         | 19.50                    | 19.38                          | 1.03           | 0.19             | 0.888                  | 0.91                 |
|                      | LTE 25 | QPSK20M | Rear Face     | 0                        | 26365   | 1   | 0         | 19.50                    | 19.48                          | 1.00           | 0.07             | 0.913                  | 0.91                 |
|                      |        |         |               |                          |         |     |           |                          |                                |                |                  |                        |                      |
| 10                   | LTE 26 | QPSK15M | Rear Face     | 0                        | 26865   | 1   | 0         | 22.00                    | 21.85                          | 1.04           | -0.07            | 0.944                  | 0.98                 |
|                      | LTE 26 | QPSK15M | Left Side     | 0                        | 26865   | 1   | 0         | 22.00                    | 21.85                          | 1.04           | -0.07            | 0.038                  | 0.04                 |
|                      | LTE 26 | QPSK15M | Right Side    | 0                        | 26865   | 1   | 0         | 22.00                    | 21.85                          | 1.04           | 0.12             | 0.261                  | 0.27                 |
|                      | LTE 26 | QPSK15M | Top Side      | 0                        | 26865   | 1   | 0         | 22.00                    | 21.85                          | 1.04           | -0.19            | 0.108                  | 0.11                 |
|                      | LTE 26 | QPSK15M | Bottom Side   | 0                        | 26865   | 1   | 0         | 22.00                    | 21.85                          | 1.04           | -0.14            | 0.123                  | 0.13                 |
|                      | LTE 26 | QPSK15M | Rear Face     | 0                        | 26865   | 36  | 0         | 21.00                    | 20.79                          | 1.05           | 0.03             | 0.72                   | 0.76                 |
|                      | LTE 26 | QPSK15M | Left Side     | 0                        | 26865   | 36  | 0         | 21.00                    | 20.79                          | 1.05           | 0                | <0.001                 | 0.00                 |
|                      | LTE 26 | QPSK15M | Right Side    | 0                        | 26865   | 36  | 0         | 21.00                    | 20.79                          | 1.05           | -0.06            | 0.209                  | 0.22                 |
|                      | LTE 26 | QPSK15M | Top Side      | 0                        | 26865   | 36  | 0         | 21.00                    | 20.79                          | 1.05           | 0.16             | 0.142                  | 0.15                 |
|                      | LTE 26 | QPSK15M | Bottom Side   | 0                        | 26865   | 36  | 0         | 21.00                    | 20.79                          | 1.05           | -0.19            | 0.117                  | 0.12                 |
|                      | LTE 26 | QPSK15M | Rear Face     | 0                        | 26865   | 75  | 0         | 21.00                    | 20.79                          | 1.05           | 0.09             | 0.697                  | 0.73                 |
|                      | LTE 26 | QPSK15M | Rear Face     | 0                        | 26765   | 1   | 0         | 22.00                    | 21.77                          | 1.05           | -0.19            | 0.883                  | 0.93                 |
|                      | LTE 26 | QPSK15M | Rear Face     | 0                        | 26965   | 1   | 0         | 22.00                    | 21.78                          | 1.05           | -0.09            | 0.855                  | 0.90                 |
|                      | LTE 26 | QPSK15M | Rear Face     | 0                        | 26865   | 1   | 0         | 22.00                    | 21.85                          | 1.04           | 0.13             | 0.912                  | 0.95                 |
|                      |        |         |               |                          |         |     |           |                          |                                |                |                  |                        |                      |



| Body SAR Test Result |        |         |               |                          |         |     |           |                          |                                |                |                  |                        |                      |
|----------------------|--------|---------|---------------|--------------------------|---------|-----|-----------|--------------------------|--------------------------------|----------------|------------------|------------------------|----------------------|
| System & Position    |        |         |               |                          |         |     |           | SAR                      |                                |                |                  |                        |                      |
| Plot No.             | Band   | Mode    | Test Position | Separation Distance (mm) | Channel | RB# | RB offset | Max. Tune-up Power (dBm) | Measured Conducted Power (dBm) | Scaling Factor | Power Drift (dB) | Measured SAR-1g (W/kg) | Scaled SAR-1g (W/kg) |
| 11                   | LTE 30 | QPSK10M | Rear Face     | 0                        | 27710   | 1   | 0         | 21.50                    | 21.28                          | 1.05           | 0.03             | 1.11                   | 1.17                 |
|                      | LTE 30 | QPSK10M | Left Side     | 0                        | 27710   | 1   | 0         | 21.50                    | 21.28                          | 1.05           | 0.12             | 0.053                  | 0.06                 |
|                      | LTE 30 | QPSK10M | Right Side    | 0                        | 27710   | 1   | 0         | 21.50                    | 21.28                          | 1.05           | -0.19            | 0.232                  | 0.24                 |
|                      | LTE 30 | QPSK10M | Top Side      | 0                        | 27710   | 1   | 0         | 21.50                    | 21.28                          | 1.05           | -0.17            | 0.054                  | 0.06                 |
|                      | LTE 30 | QPSK10M | Bottom Side   | 0                        | 27710   | 1   | 0         | 21.50                    | 21.28                          | 1.05           | 0.15             | 0.065                  | 0.07                 |
|                      | LTE 30 | QPSK10M | Rear Face     | 0                        | 27710   | 25  | 0         | 20.50                    | 20.30                          | 1.05           | 0.17             | 0.889                  | 0.93                 |
|                      | LTE 30 | QPSK10M | Left Side     | 0                        | 27710   | 25  | 0         | 20.50                    | 20.30                          | 1.05           | 0.03             | 0.043                  | 0.05                 |
|                      | LTE 30 | QPSK10M | Right Side    | 0                        | 27710   | 25  | 0         | 20.50                    | 20.30                          | 1.05           | 0.09             | 0.196                  | 0.21                 |
|                      | LTE 30 | QPSK10M | Top Side      | 0                        | 27710   | 25  | 0         | 20.50                    | 20.30                          | 1.05           | 0.02             | 0.043                  | 0.05                 |
|                      | LTE 30 | QPSK10M | Bottom Side   | 0                        | 27710   | 25  | 0         | 20.50                    | 20.30                          | 1.05           | 0.12             | 0.054                  | 0.06                 |
|                      | LTE 30 | QPSK10M | Rear Face     | 0                        | 27710   | 50  | 0         | 20.50                    | 20.25                          | 1.06           | -0.15            | 0.907                  | 0.96                 |
|                      | LTE 30 | QPSK10M | Rear Face     | 0                        | 27710   | 1   | 0         | 21.50                    | 21.28                          | 1.05           | 0.04             | 1.07                   | 1.12                 |
|                      |        |         |               |                          |         |     |           |                          |                                |                |                  |                        |                      |
| 12                   | LTE 41 | QPSK20M | Rear Face     | 0                        | 41055   | 1   | 0         | 23.50                    | 23.47                          | 1.01           | -0.12            | 1.07                   | 1.08                 |
|                      | LTE 41 | QPSK20M | Left Side     | 0                        | 41055   | 1   | 0         | 23.50                    | 23.47                          | 1.01           | 0                | <0.001                 | 0.00                 |
|                      | LTE 41 | QPSK20M | Right Side    | 0                        | 41055   | 1   | 0         | 23.50                    | 23.47                          | 1.01           | 0.17             | 0.287                  | 0.29                 |
|                      | LTE 41 | QPSK20M | Top Side      | 0                        | 41055   | 1   | 0         | 23.50                    | 23.47                          | 1.01           | 0.02             | 0.053                  | 0.05                 |
|                      | LTE 41 | QPSK20M | Bottom Side   | 0                        | 41055   | 1   | 0         | 23.50                    | 23.47                          | 1.01           | -0.08            | 0.068                  | 0.07                 |
|                      | LTE 41 | QPSK20M | Rear Face     | 0                        | 41055   | 50  | 0         | 22.50                    | 22.46                          | 1.01           | -0.12            | 0.774                  | 0.78                 |
|                      | LTE 41 | QPSK20M | Left Side     | 0                        | 41055   | 50  | 0         | 22.50                    | 22.46                          | 1.01           | 0                | <0.001                 | 0.00                 |
|                      | LTE 41 | QPSK20M | Right Side    | 0                        | 41055   | 50  | 0         | 22.50                    | 22.46                          | 1.01           | -0.09            | 0.205                  | 0.21                 |
|                      | LTE 41 | QPSK20M | Top Side      | 0                        | 41055   | 50  | 0         | 22.50                    | 22.46                          | 1.01           | -0.11            | 0.044                  | 0.04                 |
|                      | LTE 41 | QPSK20M | Bottom Side   | 0                        | 41055   | 50  | 0         | 22.50                    | 22.46                          | 1.01           | -0.17            | 0.059                  | 0.06                 |
|                      | LTE 41 | QPSK20M | Rear Face     | 0                        | 41055   | 100 | 0         | 22.50                    | 22.33                          | 1.04           | -0.02            | 0.773                  | 0.80                 |
|                      | LTE 41 | QPSK20M | Rear Face     | 0                        | 39790   | 1   | 0         | 23.50                    | 23.33                          | 1.04           | 0.02             | 0.875                  | 0.91                 |
|                      | LTE 41 | QPSK20M | Rear Face     | 0                        | 40185   | 1   | 0         | 23.50                    | 23.35                          | 1.04           | 0.08             | 0.947                  | 0.98                 |
|                      | LTE 41 | QPSK20M | Rear Face     | 0                        | 40620   | 1   | 0         | 23.50                    | 23.33                          | 1.04           | 0.09             | 0.874                  | 0.91                 |
|                      | LTE 41 | QPSK20M | Rear Face     | 0                        | 41490   | 1   | 0         | 23.50                    | 23.32                          | 1.04           | 0.08             | 0.802                  | 0.83                 |
|                      | LTE 41 | QPSK20M | Rear Face     | 0                        | 41055   | 1   | 0         | 23.50                    | 23.47                          | 1.01           | 0.07             | 1.05                   | 1.06                 |
|                      |        |         |               |                          |         |     |           |                          |                                |                |                  |                        |                      |

| Body SAR Test Result |        |         |               |                          |         |     |           |                          |                                |                |                  |                        |                      |
|----------------------|--------|---------|---------------|--------------------------|---------|-----|-----------|--------------------------|--------------------------------|----------------|------------------|------------------------|----------------------|
| System & Position    |        |         |               |                          |         |     |           | SAR                      |                                |                |                  |                        |                      |
| Plot No.             | Band   | Mode    | Test Position | Separation Distance (mm) | Channel | RB# | RB offset | Max. Tune-up Power (dBm) | Measured Conducted Power (dBm) | Scaling Factor | Power Drift (dB) | Measured SAR-1g (W/kg) | Scaled SAR-1g (W/kg) |
| 19                   | LTE 48 | QPSK20M | Rear Face     | 0                        | 55780   | 1   | 0         | 17.00                    | 16.92                          | 1.02           | -0.07            | 0.967                  | 0.99                 |
|                      | LTE 48 | QPSK20M | Left Side     | 0                        | 55780   | 1   | 0         | 17.00                    | 16.92                          | 1.02           | 0                | <0.001                 | 0.00                 |
|                      | LTE 48 | QPSK20M | Right Side    | 0                        | 55780   | 1   | 0         | 17.00                    | 16.92                          | 1.02           | -0.19            | 0.288                  | 0.29                 |
|                      | LTE 48 | QPSK20M | Top Side      | 0                        | 55780   | 1   | 0         | 17.00                    | 16.92                          | 1.02           | -0.11            | <0.001                 | 0.00                 |
|                      | LTE 48 | QPSK20M | Bottom Side   | 0                        | 55780   | 1   | 0         | 17.00                    | 16.92                          | 1.02           | 0.11             | 0.018                  | 0.02                 |
|                      | LTE 48 | QPSK20M | Rear Face     | 0                        | 55780   | 50  | 0         | 16.00                    | 15.87                          | 1.03           | -0.14            | 0.759                  | 0.78                 |
|                      | LTE 48 | QPSK20M | Left Side     | 0                        | 55780   | 50  | 0         | 16.00                    | 15.87                          | 1.03           | 0                | <0.001                 | 0.00                 |
|                      | LTE 48 | QPSK20M | Right Side    | 0                        | 55780   | 50  | 0         | 16.00                    | 15.87                          | 1.03           | -0.06            | 0.228                  | 0.23                 |
|                      | LTE 48 | QPSK20M | Top Side      | 0                        | 55780   | 50  | 0         | 16.00                    | 15.87                          | 1.03           | 0                | <0.001                 | 0.00                 |
|                      | LTE 48 | QPSK20M | Bottom Side   | 0                        | 55780   | 50  | 0         | 16.00                    | 15.87                          | 1.03           | -0.12            | 0.02                   | 0.02                 |
|                      | LTE 48 | QPSK20M | Rear Face     | 0                        | 55780   | 100 | 0         | 16.00                    | 15.85                          | 1.04           | 0.01             | 0.746                  | 0.78                 |
|                      | LTE 48 | QPSK20M | Rear Face     | 0                        | 55340   | 1   | 0         | 17.00                    | 16.75                          | 1.06           | 0.16             | 0.869                  | 0.92                 |
|                      | LTE 48 | QPSK20M | Rear Face     | 0                        | 56210   | 1   | 0         | 17.00                    | 16.83                          | 1.04           | -0.01            | 0.757                  | 0.79                 |
|                      | LTE 48 | QPSK20M | Rear Face     | 0                        | 56640   | 1   | 0         | 17.00                    | 16.73                          | 1.06           | -0.11            | 0.647                  | 0.69                 |
|                      | LTE 48 | QPSK20M | Rear Face     | 0                        | 55780   | 1   | 0         | 17.00                    | 16.92                          | 1.02           | -0.07            | 0.961                  | 0.98                 |
|                      |        |         |               |                          |         |     |           |                          |                                |                |                  |                        |                      |
|                      | LTE 66 | QPSK20M | Rear Face     | 0                        | 132322  | 1   | 0         | 19.00                    | 18.98                          | 1.00           | 0.11             | 0.941                  | 0.94                 |
|                      | LTE 66 | QPSK20M | Left Side     | 0                        | 132322  | 1   | 0         | 19.00                    | 18.98                          | 1.00           | 0.13             | <0.001                 | 0.00                 |
|                      | LTE 66 | QPSK20M | Right Side    | 0                        | 132322  | 1   | 0         | 19.00                    | 18.98                          | 1.00           | -0.16            | 0.293                  | 0.29                 |
|                      | LTE 66 | QPSK20M | Top Side      | 0                        | 132322  | 1   | 0         | 19.00                    | 18.98                          | 1.00           | 0.04             | 0.042                  | 0.04                 |
|                      | LTE 66 | QPSK20M | Bottom Side   | 0                        | 132322  | 1   | 0         | 19.00                    | 18.98                          | 1.00           | -0.08            | 0.057                  | 0.06                 |
|                      | LTE 66 | QPSK20M | Rear Face     | 0                        | 132322  | 50  | 0         | 18.00                    | 17.95                          | 1.01           | 0.05             | 0.791                  | 0.80                 |
|                      | LTE 66 | QPSK20M | Left Side     | 0                        | 132322  | 50  | 0         | 18.00                    | 17.95                          | 1.01           | 0.14             | <0.001                 | 0.00                 |
|                      | LTE 66 | QPSK20M | Right Side    | 0                        | 132322  | 50  | 0         | 18.00                    | 17.95                          | 1.01           | 0.08             | 0.191                  | 0.19                 |
|                      | LTE 66 | QPSK20M | Top Side      | 0                        | 132322  | 50  | 0         | 18.00                    | 17.95                          | 1.01           | -0.05            | 0.036                  | 0.04                 |
|                      | LTE 66 | QPSK20M | Bottom Side   | 0                        | 132322  | 50  | 0         | 18.00                    | 17.95                          | 1.01           | -0.06            | 0.046                  | 0.05                 |
|                      | LTE 66 | QPSK20M | Rear Face     | 0                        | 132322  | 100 | 0         | 18.00                    | 17.88                          | 1.03           | -0.04            | 0.849                  | 0.87                 |
| 20                   | LTE 66 | QPSK20M | Rear Face     | 0                        | 132072  | 1   | 0         | 19.00                    | 18.92                          | 1.02           | -0.04            | 1.03                   | 1.05                 |
|                      | LTE 66 | QPSK20M | Rear Face     | 0                        | 132572  | 1   | 0         | 19.00                    | 18.94                          | 1.01           | 0.03             | 0.861                  | 0.87                 |
|                      | LTE 66 | QPSK20M | Rear Face     | 0                        | 132072  | 1   | 0         | 19.00                    | 18.92                          | 1.02           | 0.02             | 0.995                  | 1.01                 |
|                      |        |         |               |                          |         |     |           |                          |                                |                |                  |                        | -                    |

| Body SAR Test Result |        |         |               |                          |         |     |           |                          |                                |                |                  |                        |                      |
|----------------------|--------|---------|---------------|--------------------------|---------|-----|-----------|--------------------------|--------------------------------|----------------|------------------|------------------------|----------------------|
| System & Position    |        |         |               |                          |         |     |           | SAR                      |                                |                |                  |                        |                      |
| Plot No.             | Band   | Mode    | Test Position | Separation Distance (mm) | Channel | RB# | RB offset | 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 71 | QPSK20M | Rear Face     | 0                        | 133297  | 1   | 0         | 23.50                    | 23.05                          | 1.11           | -0.03            | 0.838                  | 0.93                 |
|                      | LTE 71 | QPSK20M | Left Side     | 0                        | 133297  | 1   | 0         | 23.50                    | 23.05                          | 1.11           | 0                | 0                      | 0.00                 |
|                      | LTE 71 | QPSK20M | Right Side    | 0                        | 133297  | 1   | 0         | 23.50                    | 23.05                          | 1.11           | -0.16            | 0.222                  | 0.25                 |
|                      | LTE 71 | QPSK20M | Top Side      | 0                        | 133297  | 1   | 0         | 23.50                    | 23.05                          | 1.11           | 0.14             | 0.071                  | 0.08                 |
|                      | LTE 71 | QPSK20M | Bottom Side   | 0                        | 133297  | 1   | 0         | 23.50                    | 23.05                          | 1.11           | 0                | 0                      | 0.00                 |
|                      | LTE 71 | QPSK20M | Rear Face     | 0                        | 133297  | 50  | 0         | 22.50                    | 22.22                          | 1.07           | -0.02            | 0.696                  | 0.74                 |
|                      | LTE 71 | QPSK20M | Left Side     | 0                        | 133297  | 50  | 0         | 22.50                    | 22.22                          | 1.07           | 0                | 0                      | 0.00                 |
|                      | LTE 71 | QPSK20M | Right Side    | 0                        | 133297  | 50  | 0         | 22.50                    | 22.22                          | 1.07           | 0.03             | 0.111                  | 0.12                 |
|                      | LTE 71 | QPSK20M | Top Side      | 0                        | 133297  | 50  | 0         | 22.50                    | 22.22                          | 1.07           | -0.09            | 0.061                  | 0.07                 |
|                      | LTE 71 | QPSK20M | Bottom Side   | 0                        | 133297  | 50  | 0         | 22.50                    | 22.22                          | 1.07           | 0                | 0                      | 0.00                 |
|                      | LTE 71 | QPSK20M | Rear Face     | 0                        | 133297  | 100 | 0         | 22.50                    | 22.15                          | 1.08           | 0.05             | 0.711                  | 0.77                 |
|                      | LTE 71 | QPSK20M | Rear Face     | 0                        | 133222  | 1   | 0         | 23.50                    | 23.01                          | 1.12           | -0.12            | 0.993                  | 1.11                 |
| 21                   | LTE 71 | QPSK20M | Rear Face     | 0                        | 133372  | 1   | 0         | 23.50                    | 23.02                          | 1.12           | -0.05            | 1.05                   | 1.18                 |
|                      | LTE 71 | QPSK20M | Rear Face     | 0                        | 133372  | 1   | 0         | 23.50                    | 23.02                          | 1.12           | -0.05            | 1.01                   | 1.13                 |