

### 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: 2022/11/07

### S01 System Check\_H1900\_221107

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

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

Medium: H16T20N1\_1107 Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.459$  S/m;  $\epsilon_r = 38.622$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(8.24, 8.24, 8.24) @ 1900 MHz; Calibrated: 2022/07/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2022/07/19
- Phantom: ELI Phantom\_2118; Type: QD OVA 004 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 3.18 W/kg

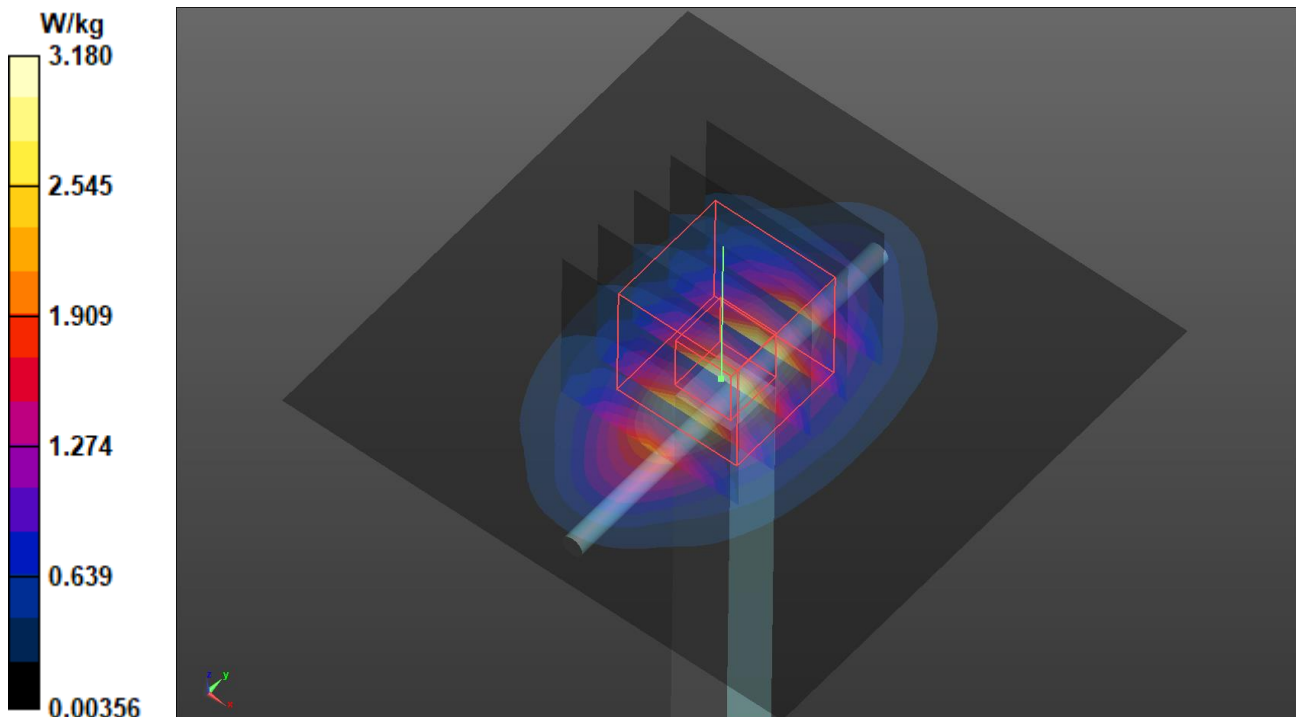
**Pin=50mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 48.45 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 3.83 W/kg

**SAR(1 g) = 1.98 W/kg; SAR(10 g) = 1.04 W/kg** (SAR corrected for target medium)

Maximum value of SAR (measured) = 3.21 W/kg



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/11/04

## Plots of System Verification

### S02 System Check\_H1750\_221104

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

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

Medium: H16T20N1\_1104 Medium parameters used:  $f = 1750$  MHz;  $\sigma = 1.344$  S/m;  $\epsilon_r = 38.963$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.8 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(8.6, 8.6, 8.6) @ 1750 MHz; Calibrated: 2022/07/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2022/07/19
- Phantom: ELI Phantom\_2118; Type: QD OVA 004 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Pin=50mW/Area Scan (61x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 2.83 W/kg

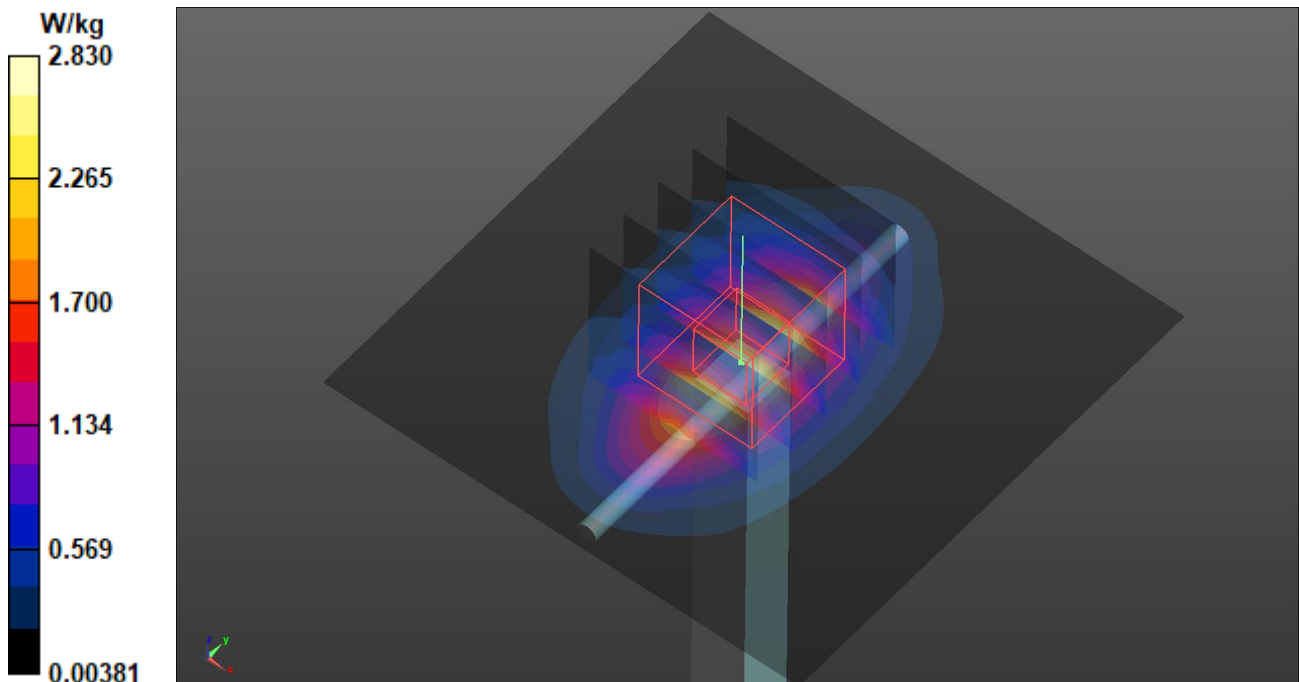
**Pin=50mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 46.93 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 3.36 W/kg

**SAR(1 g) = 1.8 W/kg; SAR(10 g) = 0.954 W/kg** (SAR corrected for target medium)

Maximum value of SAR (measured) = 2.81 W/kg



## Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/11/07

### S03 System Check\_H835\_221107

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

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

Medium: H07T10N1\_1107 Medium parameters used:  $f = 835$  MHz;  $\sigma = 0.935$  S/m;  $\epsilon_r = 40.691$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(10.01, 10.01, 10.01) @ 835 MHz; Calibrated: 2022/07/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2022/07/19
- Phantom: ELI Phantom\_2118; Type: QD OVA 004 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 0.676 W/kg

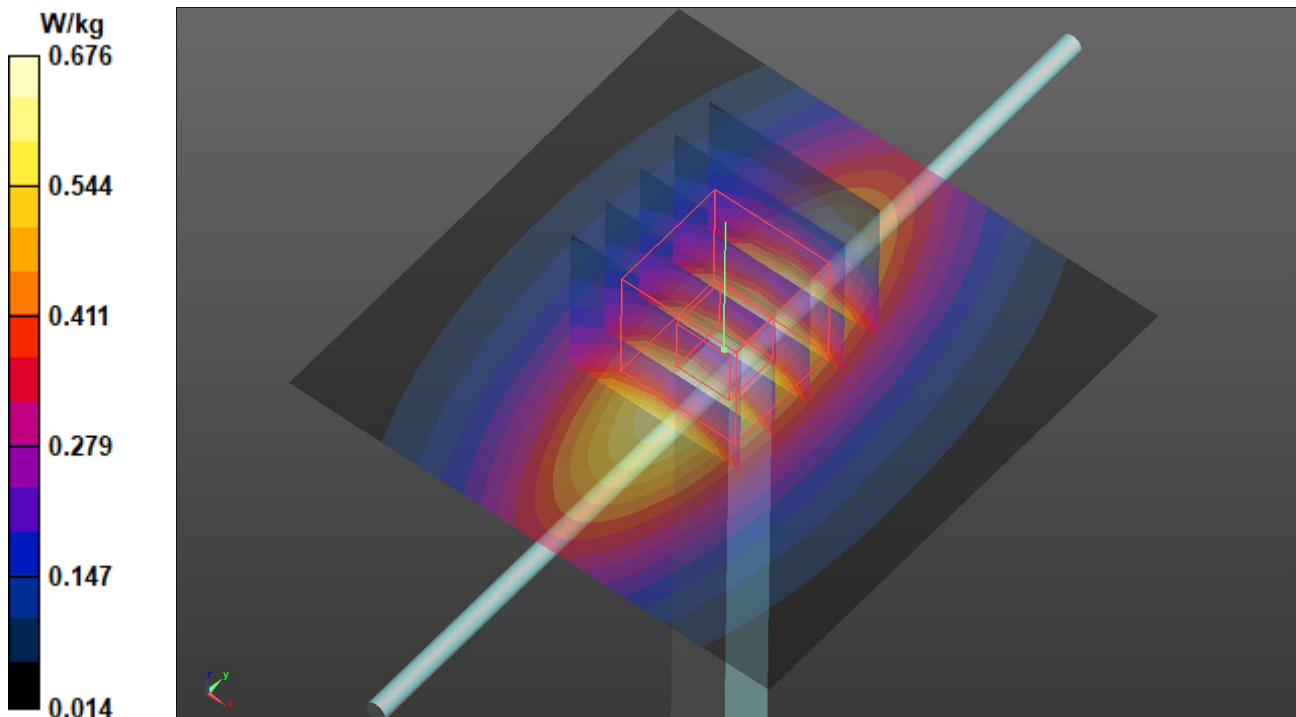
**Pin=50mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.23 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.763 W/kg

**SAR(1 g) = 0.489 W/kg; SAR(10 g) = 0.321 W/kg** (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.673 W/kg



## Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/11/07

### S07 System Check\_H2600\_221107

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

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

Medium: H19T27N1\_1107 Medium parameters used:  $f = 2600$  MHz;  $\sigma = 1.957$  S/m;  $\epsilon_r = 37.151$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(7.23, 7.23, 7.23) @ 2600 MHz; Calibrated: 2022/07/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2022/07/19
- Phantom: ELI Phantom\_2118; Type: QD OVA 004 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 5.04 W/kg

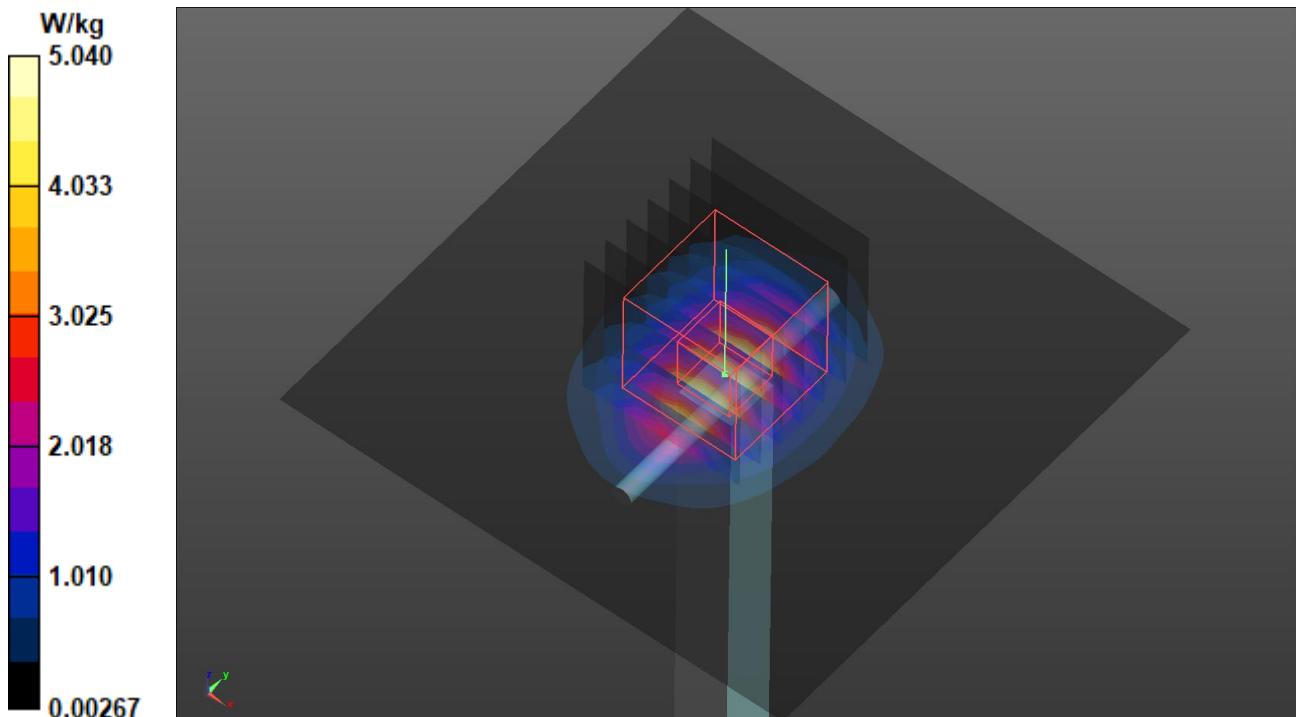
**Pin=50mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 52.55 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 6.18 W/kg

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

Maximum value of SAR (measured) = 5.00 W/kg



## Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/11/07

### S08 System Check\_H750\_221107

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

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

Medium: H06T09N1\_1107 Medium parameters used:  $f = 750$  MHz;  $\sigma = 0.915$  S/m;  $\epsilon_r = 41.717$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(10.48, 10.48, 10.48) @ 750 MHz; Calibrated: 2022/07/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2022/07/19
- Phantom: ELI Phantom\_2118; Type: QD OVA 004 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 0.637 W/kg

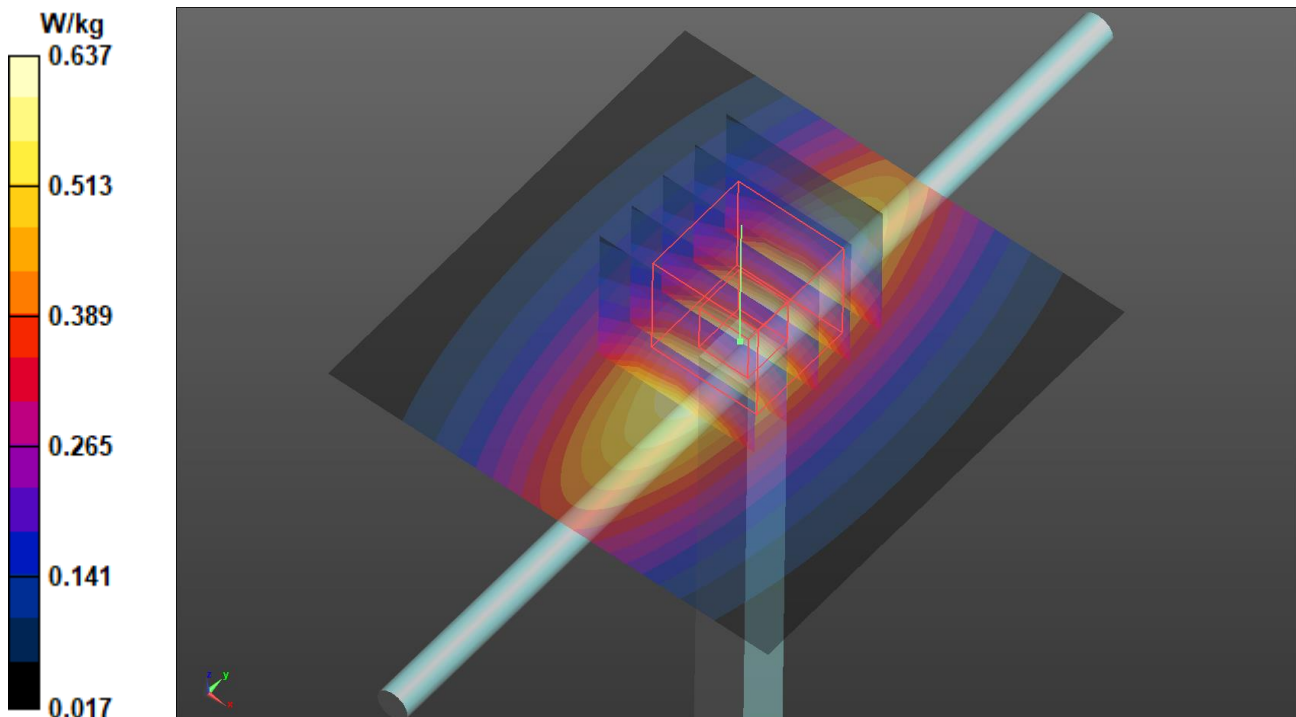
**Pin=50mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.34 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.708 W/kg

**SAR(1 g) = 0.447 W/kg; SAR(10 g) = 0.295 W/kg** (SAR corrected for target medium)

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



## Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/11/07

### S09 System Check\_H750\_221107

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

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

Medium: H06T09N1\_1107 Medium parameters used:  $f = 750$  MHz;  $\sigma = 0.915$  S/m;  $\epsilon_r = 41.717$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(10.48, 10.48, 10.48) @ 750 MHz; Calibrated: 2022/07/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2022/07/19
- Phantom: ELI Phantom\_2118; Type: QD OVA 004 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Pin=50mW/Area Scan (61x61x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm  
Maximum value of SAR (interpolated) = 0.637 W/kg

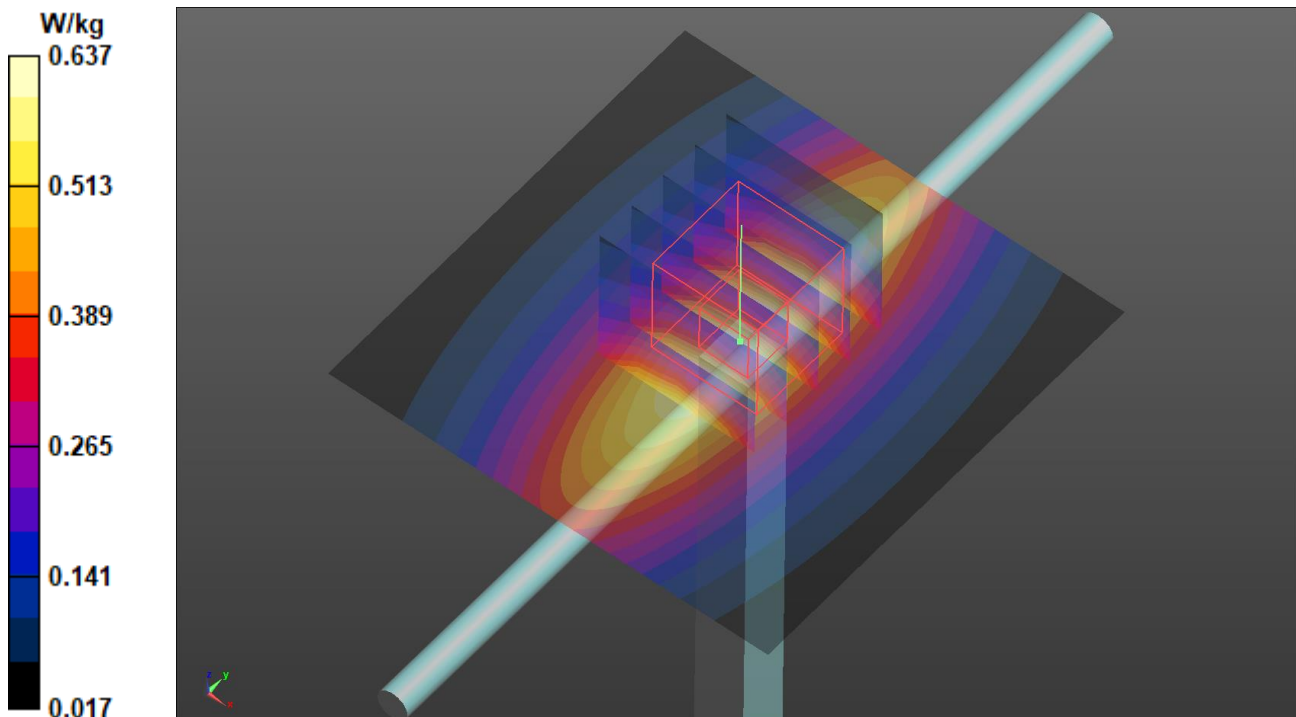
**Pin=50mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 27.34 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.708 W/kg

**SAR(1 g) = 0.447 W/kg; SAR(10 g) = 0.295 W/kg** (SAR corrected for target medium)

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





## Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/11/07

### S10 System Check\_H750\_221107

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

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

Medium: H06T09N1\_1107 Medium parameters used:  $f = 750$  MHz;  $\sigma = 0.915$  S/m;  $\epsilon_r = 41.717$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(10.48, 10.48, 10.48) @ 750 MHz; Calibrated: 2022/07/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2022/07/19
- Phantom: ELI Phantom\_2118; Type: QD OVA 004 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 0.637 W/kg

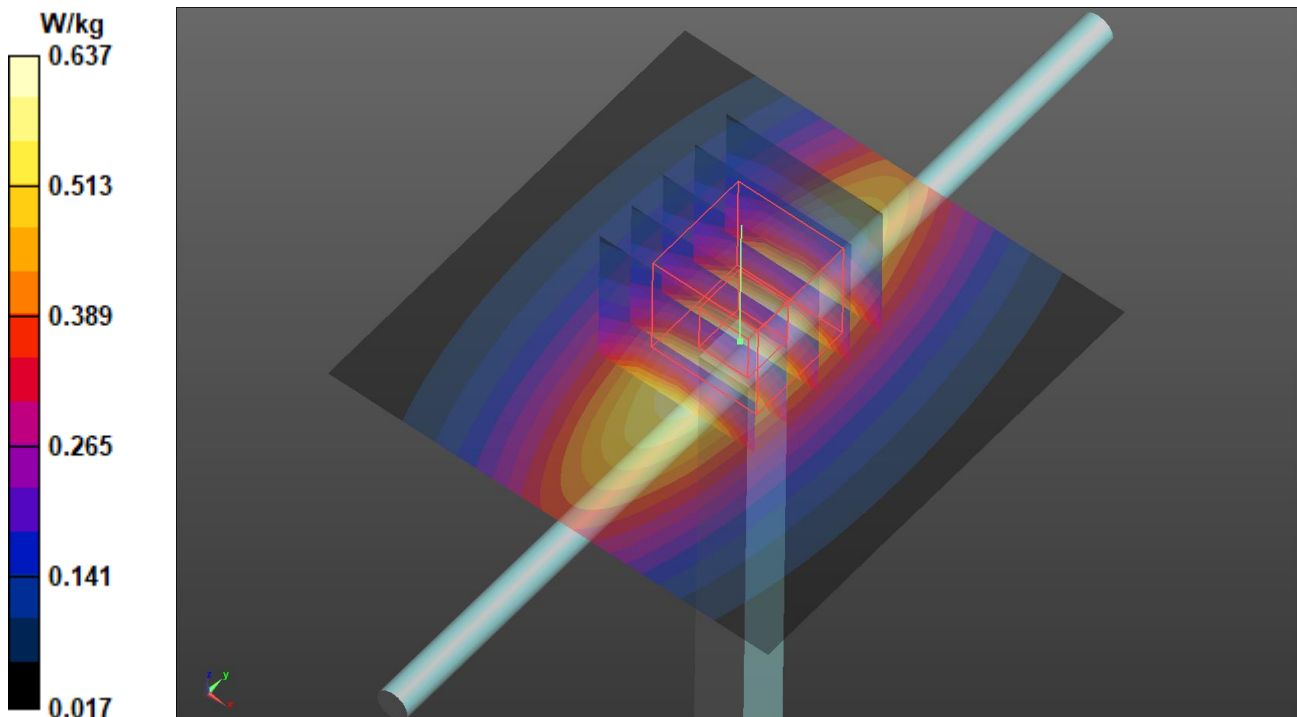
**Pin=50mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.34 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.708 W/kg

**SAR(1 g) = 0.447 W/kg; SAR(10 g) = 0.295 W/kg** (SAR corrected for target medium)

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





## Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/11/07

### S12 System Check\_H1900\_221107

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

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

Medium: H16T20N1\_1107 Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.459$  S/m;  $\epsilon_r = 38.622$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(8.24, 8.24, 8.24) @ 1900 MHz; Calibrated: 2022/07/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2022/07/19
- Phantom: ELI Phantom\_2118; Type: QD OVA 004 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 3.18 W/kg

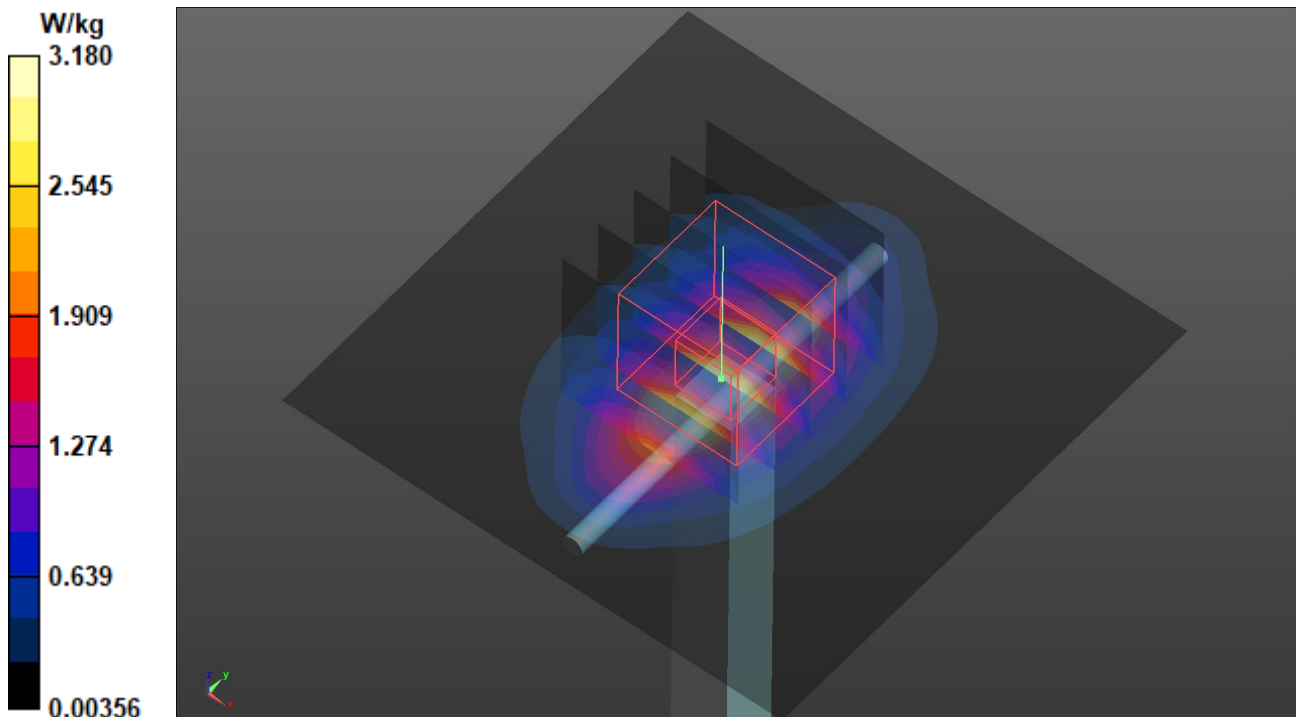
**Pin=50mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 48.45 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 3.83 W/kg

**SAR(1 g) = 1.98 W/kg; SAR(10 g) = 1.04 W/kg** (SAR corrected for target medium)

Maximum value of SAR (measured) = 3.21 W/kg



## Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/11/07

### S13 System Check\_H835\_221107

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

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

Medium: H07T10N1\_1107 Medium parameters used:  $f = 835$  MHz;  $\sigma = 0.935$  S/m;  $\epsilon_r = 40.691$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(10.01, 10.01, 10.01) @ 835 MHz; Calibrated: 2022/07/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2022/07/19
- Phantom: ELI Phantom\_2118; Type: QD OVA 004 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 0.676 W/kg

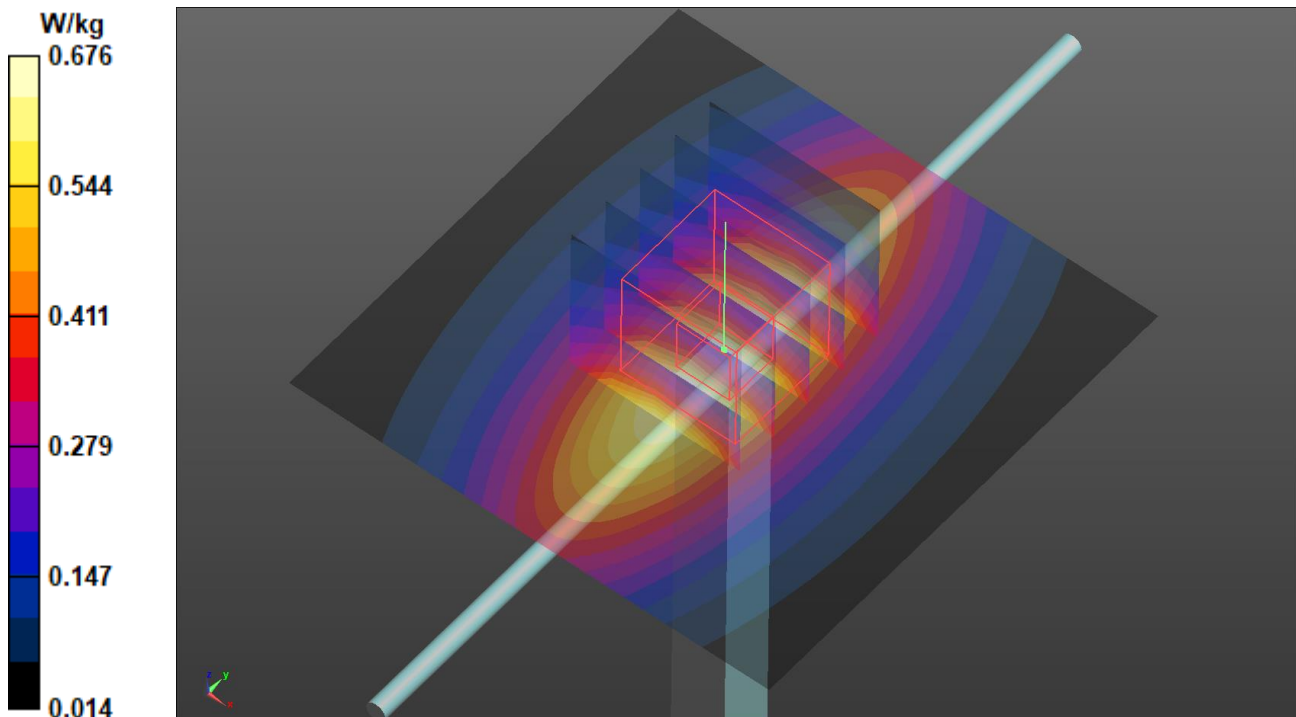
**Pin=50mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.23 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.763 W/kg

**SAR(1 g) = 0.489 W/kg; SAR(10 g) = 0.321 W/kg** (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.673 W/kg



## Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/11/07

### S14 System Check\_H2300\_221107

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

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

Medium: H19T27N1\_1107 Medium parameters used:  $f = 2300$  MHz;  $\sigma = 1.697$  S/m;  $\epsilon_r = 37.793$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(7.73, 7.73, 7.73) @ 2300 MHz; Calibrated: 2022/07/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2022/07/19
- Phantom: ELI Phantom\_2118; Type: QD OVA 004 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 4.10 W/kg

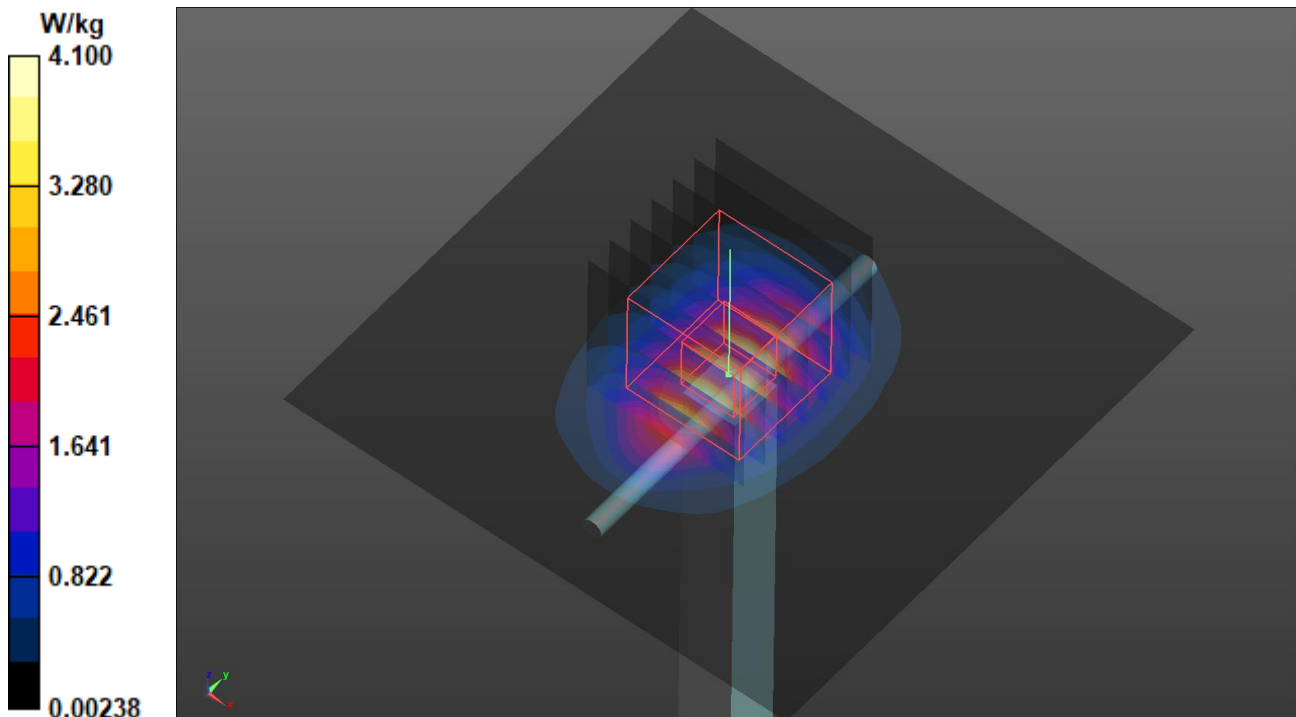
**Pin=50mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 50.27 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 4.95 W/kg

**SAR(1 g) = 2.4 W/kg; SAR(10 g) = 1.16 W/kg** (SAR corrected for target medium)

Maximum value of SAR (measured) = 4.02 W/kg



## Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/11/04

### S15 System Check\_H2600\_221104

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

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

Medium: H19T27N1\_1104 Medium parameters used:  $f = 2600$  MHz;  $\sigma = 2.042$  S/m;  $\epsilon_r = 37.776$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.8 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(7.23, 7.23, 7.23) @ 2600 MHz; Calibrated: 2022/07/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2022/07/19
- Phantom: ELI Phantom\_2118; Type: QD OVA 004 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 4.65 W/kg

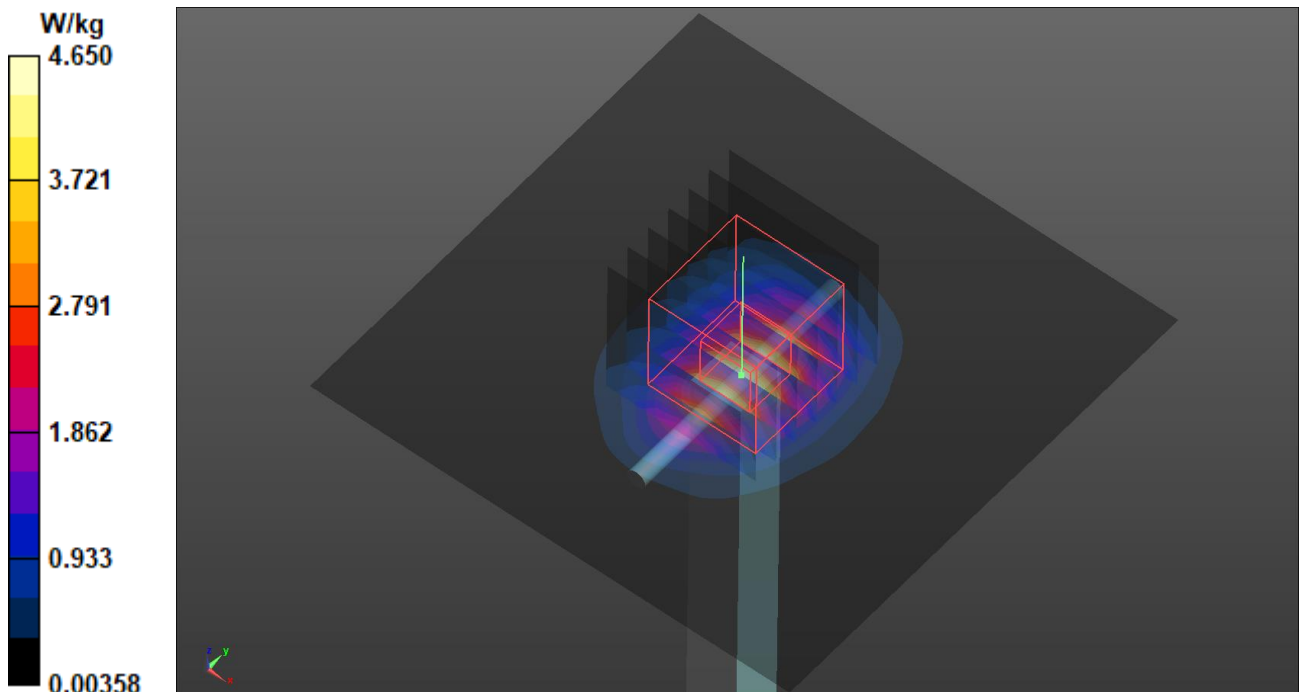
**Pin=50mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 47.67 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 5.76 W/kg

**SAR(1 g) = 2.73 W/kg; SAR(10 g) = 1.26 W/kg** (SAR corrected for target medium)

Maximum value of SAR (measured) = 4.68 W/kg



## Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/11/04

### S16 System Check\_H2600\_221104

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

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

Medium: H19T27N1\_1104 Medium parameters used:  $f = 2600$  MHz;  $\sigma = 2.042$  S/m;  $\epsilon_r = 37.776$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.8 °C ; Liquid Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(7.23, 7.23, 7.23) @ 2600 MHz; Calibrated: 2022/07/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2022/07/19
- Phantom: ELI Phantom\_2118; Type: QD OVA 004 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 4.65 W/kg

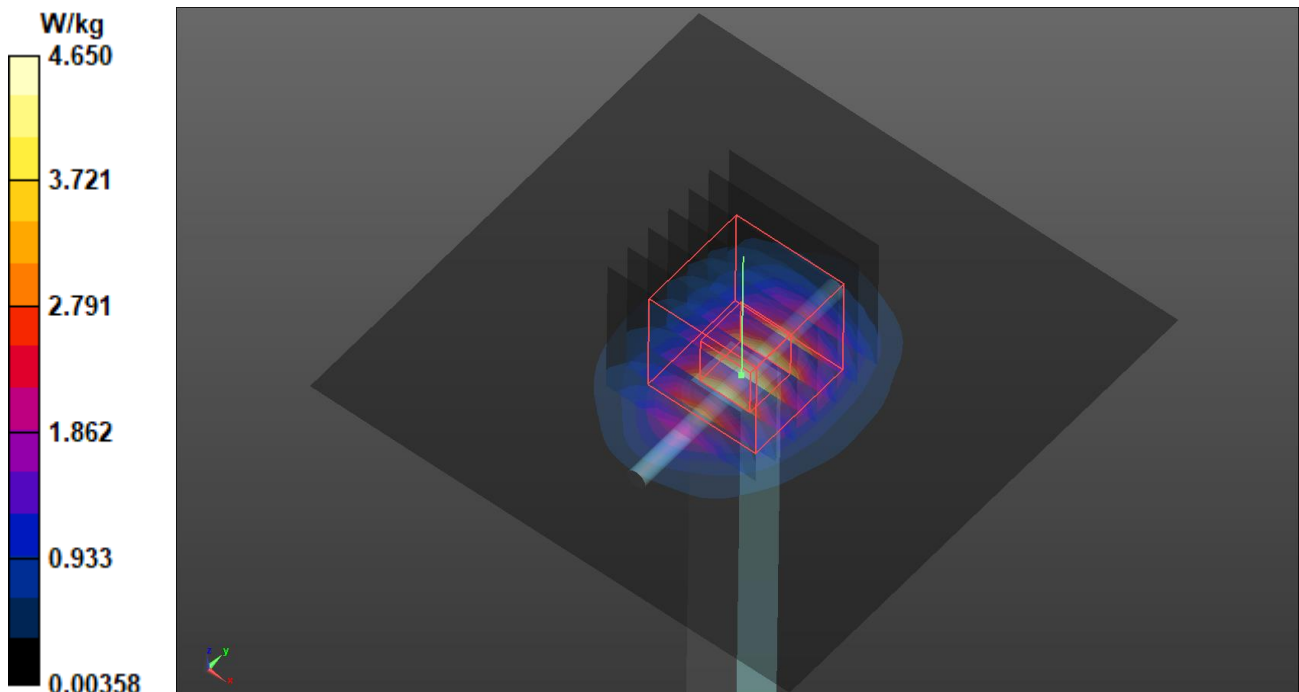
**Pin=50mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 47.67 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 5.76 W/kg

**SAR(1 g) = 2.73 W/kg; SAR(10 g) = 1.26 W/kg** (SAR corrected for target medium)

Maximum value of SAR (measured) = 4.68 W/kg



## Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/11/07

### S17a System Check\_H3500\_221107

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

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

Medium: H33T42N1\_1107 Medium parameters used:  $f = 3500$  MHz;  $\sigma = 2.86$  S/m;  $\epsilon_r = 38.975$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(6.91, 6.91, 6.91) @ 3500 MHz; Calibrated: 2022/07/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2022/07/19
- Phantom: ELI Phantom\_2118; Type: QD OVA 004 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 6.08 W/kg

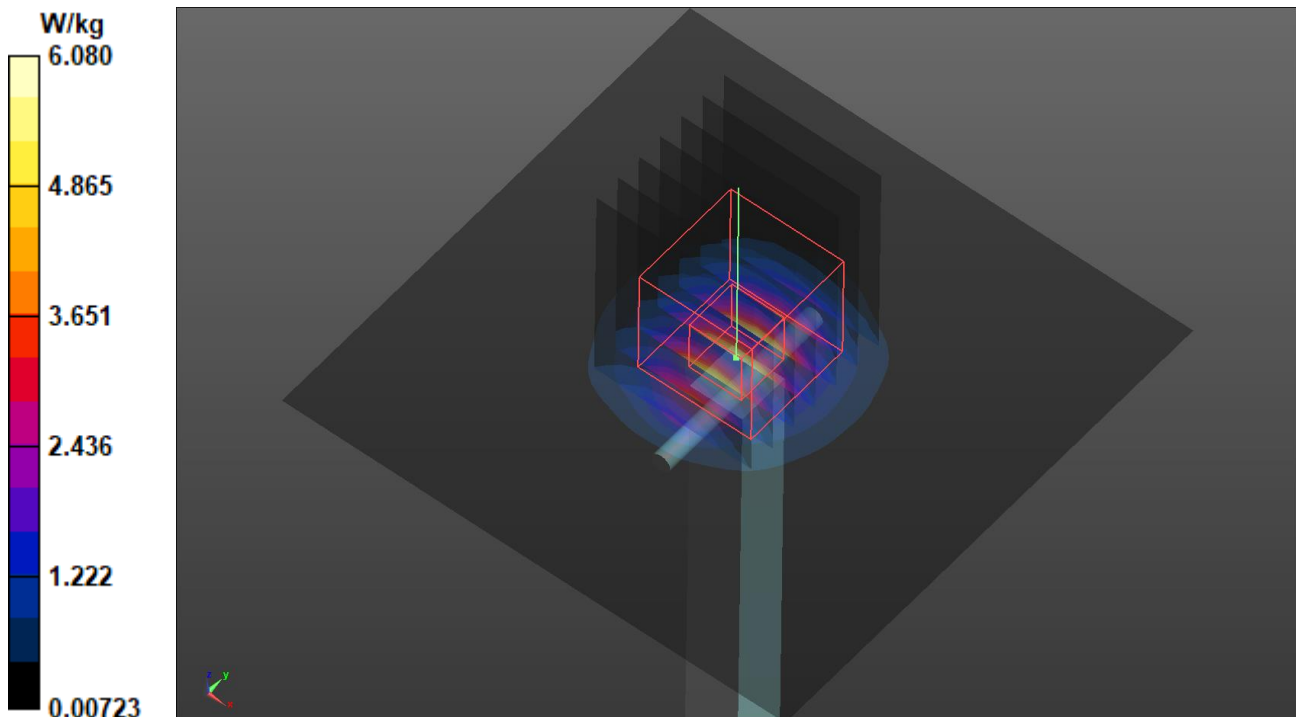
**Pin=50mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=2.5mm

Reference Value = 47.85 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 8.12 W/kg

**SAR(1 g) = 3.19 W/kg; SAR(10 g) = 1.24 W/kg** (SAR corrected for target medium)

Maximum value of SAR (measured) = 6.05 W/kg



## Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/11/07

### S17b System Check\_H3700\_221107

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

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

Medium: H33T42N1\_1107 Medium parameters used:  $f = 3700$  MHz;  $\sigma = 3.122$  S/m;  $\epsilon_r = 38.284$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(6.73, 6.73, 6.73) @ 3700 MHz; Calibrated: 2022/07/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2022/07/19
- Phantom: ELI Phantom\_2118; Type: QD OVA 004 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 6.70 W/kg

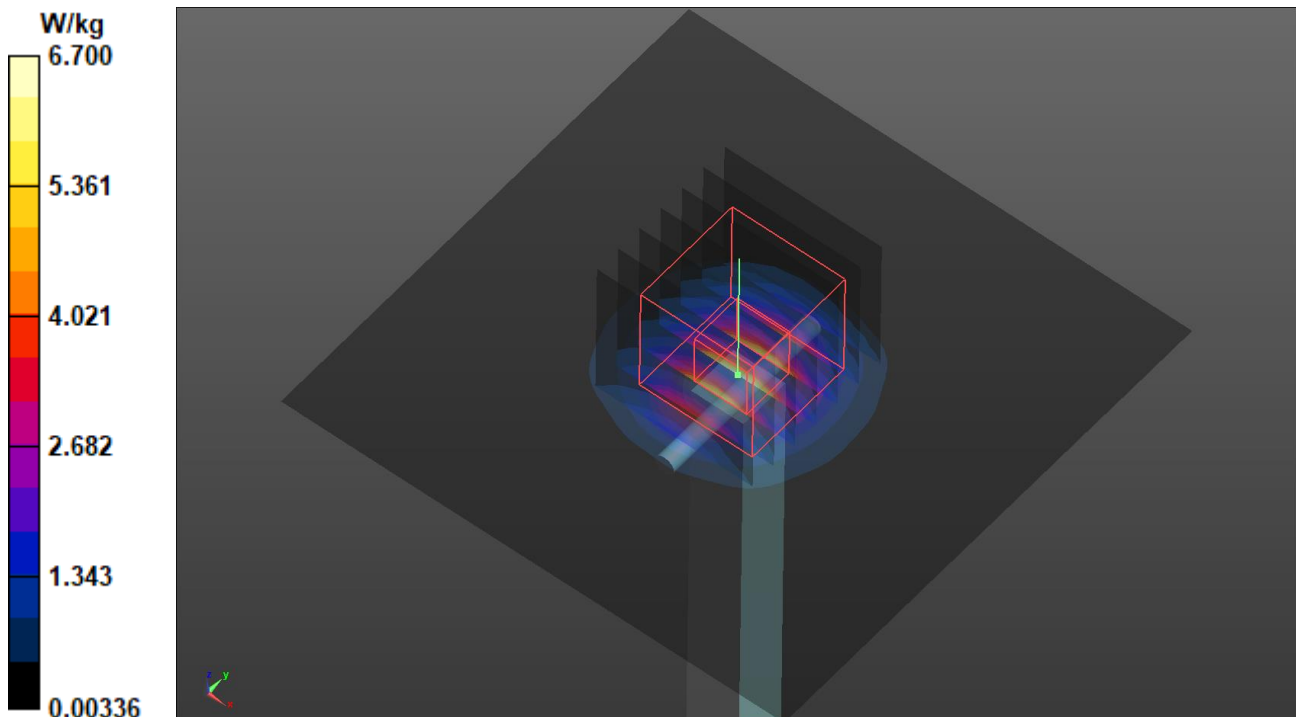
**Pin=50mW/Zoom Scan (7x7x6)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=2.5mm

Reference Value = 48.77 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 9.39 W/kg

**SAR(1 g) = 3.45 W/kg; SAR(10 g) = 1.29 W/kg** (SAR corrected for target medium)

Maximum value of SAR (measured) = 6.82 W/kg





## Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/11/04

### S18 System Check\_H1750\_221104

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

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

Medium: H16T20N1\_1104 Medium parameters used:  $f = 1750$  MHz;  $\sigma = 1.344$  S/m;  $\epsilon_r = 38.963$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.8 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(8.6, 8.6, 8.6) @ 1750 MHz; Calibrated: 2022/07/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2022/07/19
- Phantom: ELI Phantom\_2118; Type: QD OVA 004 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 2.83 W/kg

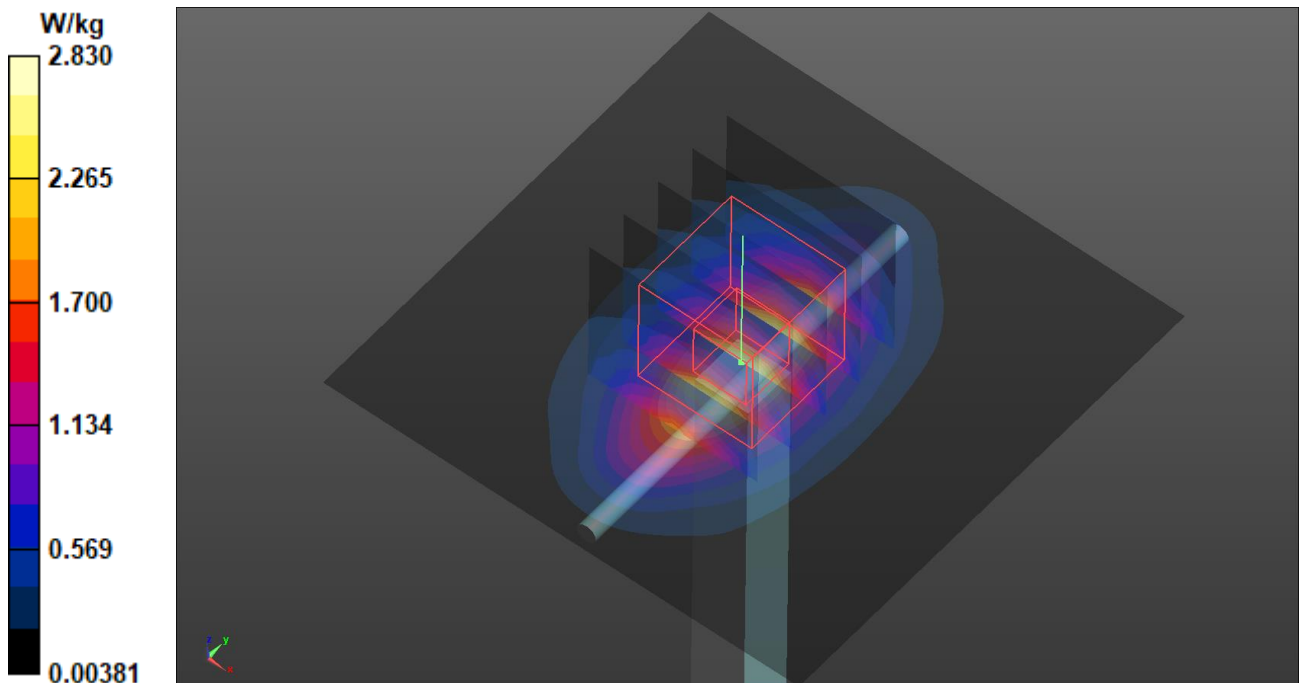
**Pin=50mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 46.93 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 3.36 W/kg

**SAR(1 g) = 1.8 W/kg; SAR(10 g) = 0.954 W/kg** (SAR corrected for target medium)

Maximum value of SAR (measured) = 2.81 W/kg



## Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/11/07

### S19 System Check\_H750\_221107

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

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

Medium: H06T09N1\_1107 Medium parameters used:  $f = 750$  MHz;  $\sigma = 0.915$  S/m;  $\epsilon_r = 41.717$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(10.48, 10.48, 10.48) @ 750 MHz; Calibrated: 2022/07/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2022/07/19
- Phantom: ELI Phantom\_2118; Type: QD OVA 004 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 0.637 W/kg

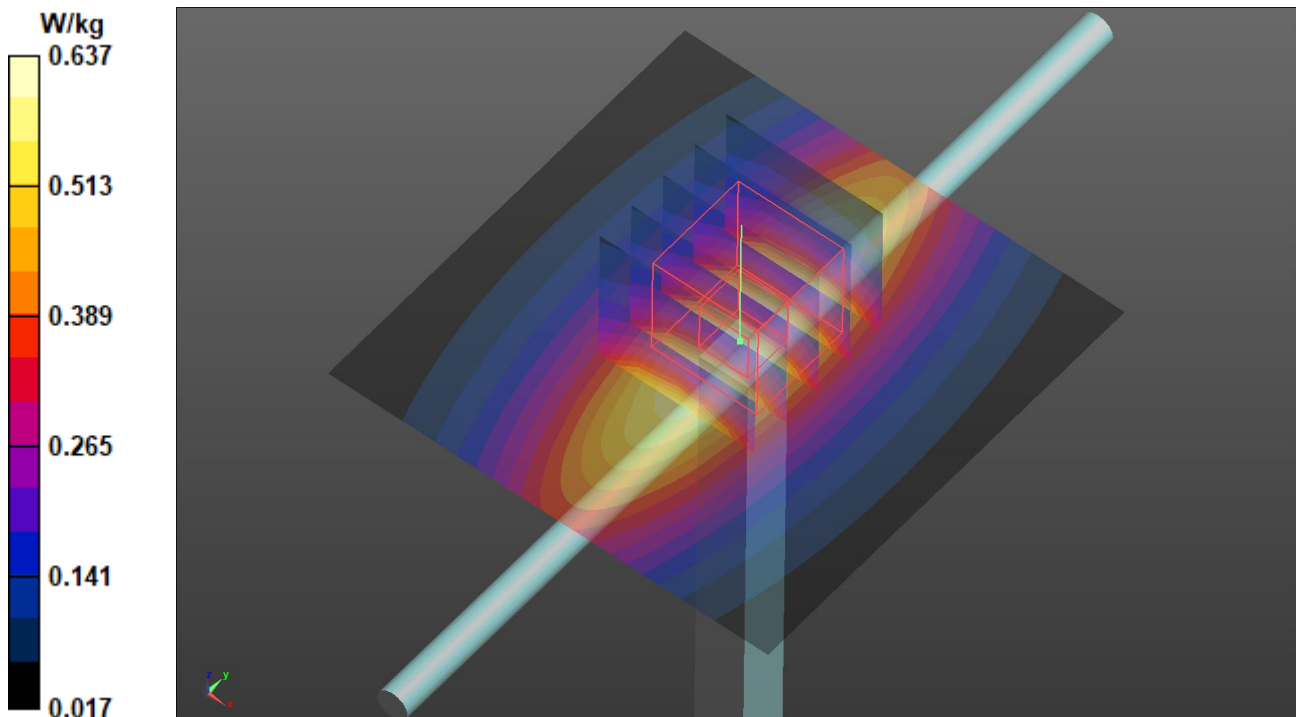
**Pin=50mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.34 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.708 W/kg

**SAR(1 g) = 0.447 W/kg; SAR(10 g) = 0.295 W/kg** (SAR corrected for target medium)

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



## Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/11/09

### S20 System Check\_H2450\_221109

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

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

Medium: H19T27N4\_1109 Medium parameters used:  $f = 2450$  MHz;  $\sigma = 1.795$  S/m;  $\epsilon_r = 37.915$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C ; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(7.98, 7.98, 7.98) @ 2450 MHz; Calibrated: 2022/01/25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2022/01/19
- Phantom: ELI Phantom\_1204; Type: QD OVA 002 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

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

Maximum value of SAR (interpolated) = 4.26 W/kg

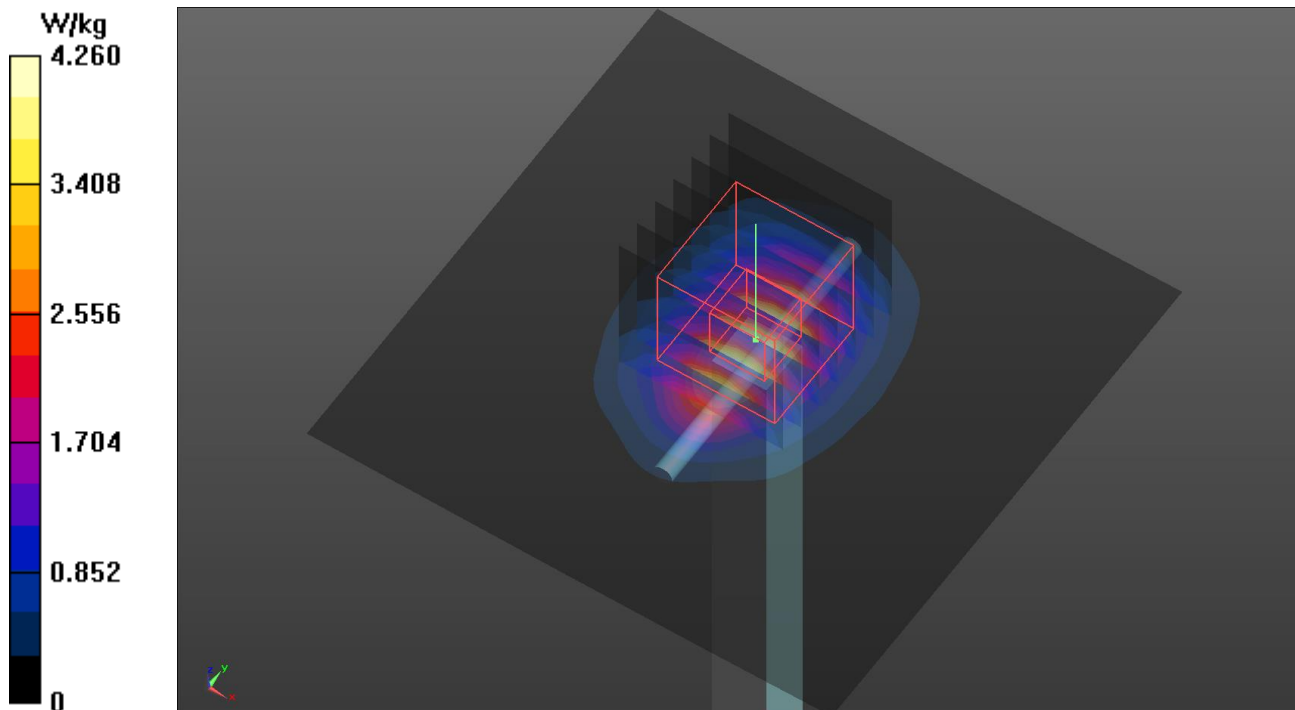
**Pin=50mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 47.84 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 5.32 W/kg

**SAR(1 g) = 2.44 W/kg; SAR(10 g) = 1.14 W/kg** (SAR corrected for target medium)

Maximum value of SAR (measured) = 4.18 W/kg



## Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/11/10

### S21 System Check\_H5250\_221110

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

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

Medium: H34T60N1\_1110 Medium parameters used:  $f = 5250$  MHz;  $\sigma = 4.713$  S/m;  $\epsilon_r = 36.167$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7696; ConvF(6, 6, 6) @ 5250 MHz; Calibrated: 2022/01/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 2022/09/22
- Phantom: ELI Phantom\_1205; Type: QDOVA002AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

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

Maximum value of SAR (interpolated) = 9.72 W/kg

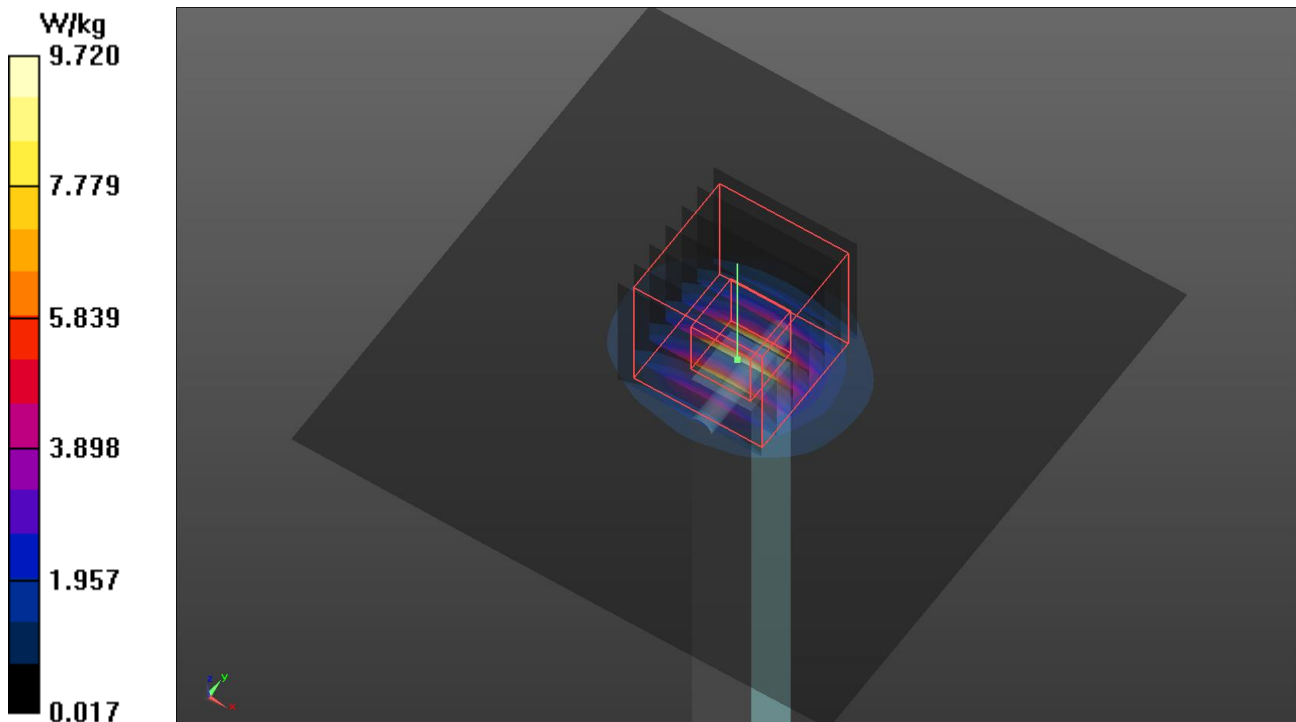
**Pin=50mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 51.10 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 16.3 W/kg

**SAR(1 g) = 4.14 W/kg; SAR(10 g) = 1.2 W/kg** (SAR corrected for target medium)

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



## Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/11/09

### S22 System Check\_H5600\_221109

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

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

Medium: H34T60N4\_1109 Medium parameters used:  $f = 5600$  MHz;  $\sigma = 5.006$  S/m;  $\epsilon_r = 36.834$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C ; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(4.8, 4.8, 4.8) @ 5600 MHz; Calibrated: 2022/01/25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2022/01/19
- Phantom: ELI Phantom\_1204; Type: QD OVA 002 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

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

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

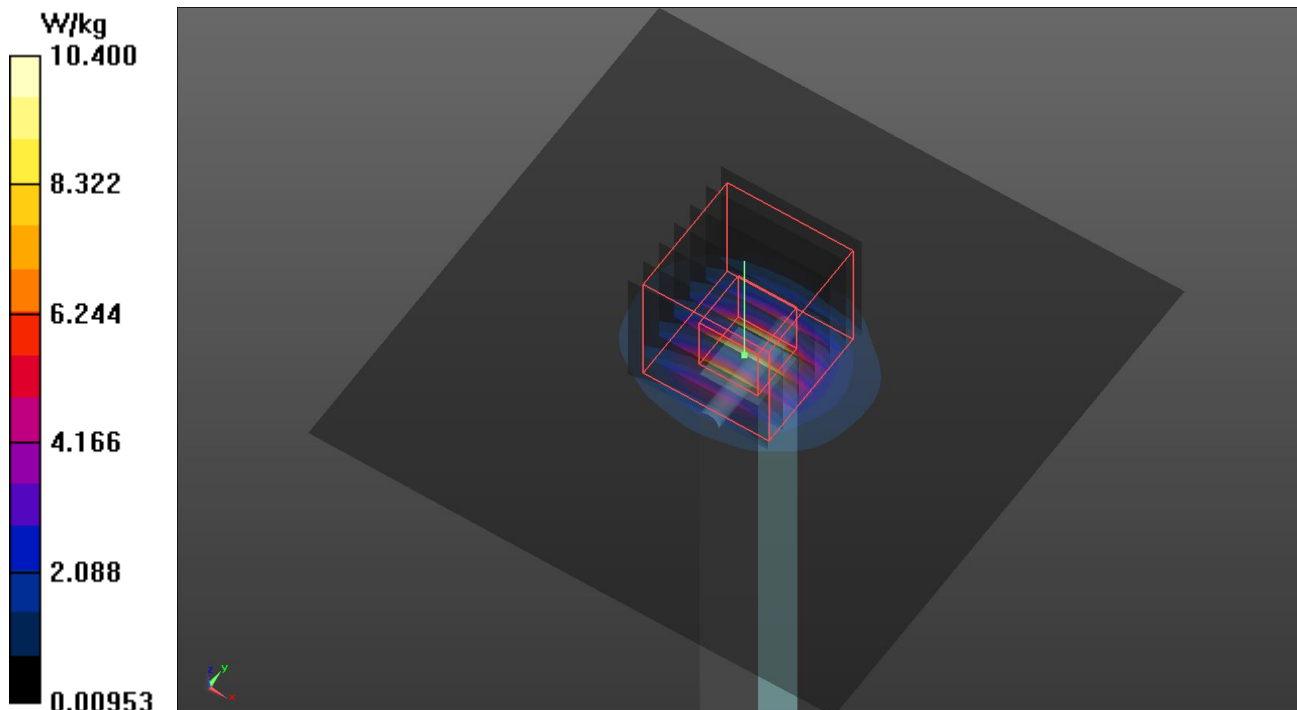
**Pin=50mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 50.51 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 18.2 W/kg

**SAR(1 g) = 4.26 W/kg; SAR(10 g) = 1.23 W/kg** (SAR corrected for target medium)

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



## Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/11/09

### S23 System Check\_H5750\_221109

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

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

Medium: H34T60N4\_1109 Medium parameters used:  $f = 5750$  MHz;  $\sigma = 5.157$  S/m;  $\epsilon_r = 36.632$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C ; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(4.85, 4.85, 4.85) @ 5750 MHz; Calibrated: 2022/01/25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2022/01/19
- Phantom: ELI Phantom\_1204; Type: QD OVA 002 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

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

Maximum value of SAR (interpolated) = 9.41 W/kg

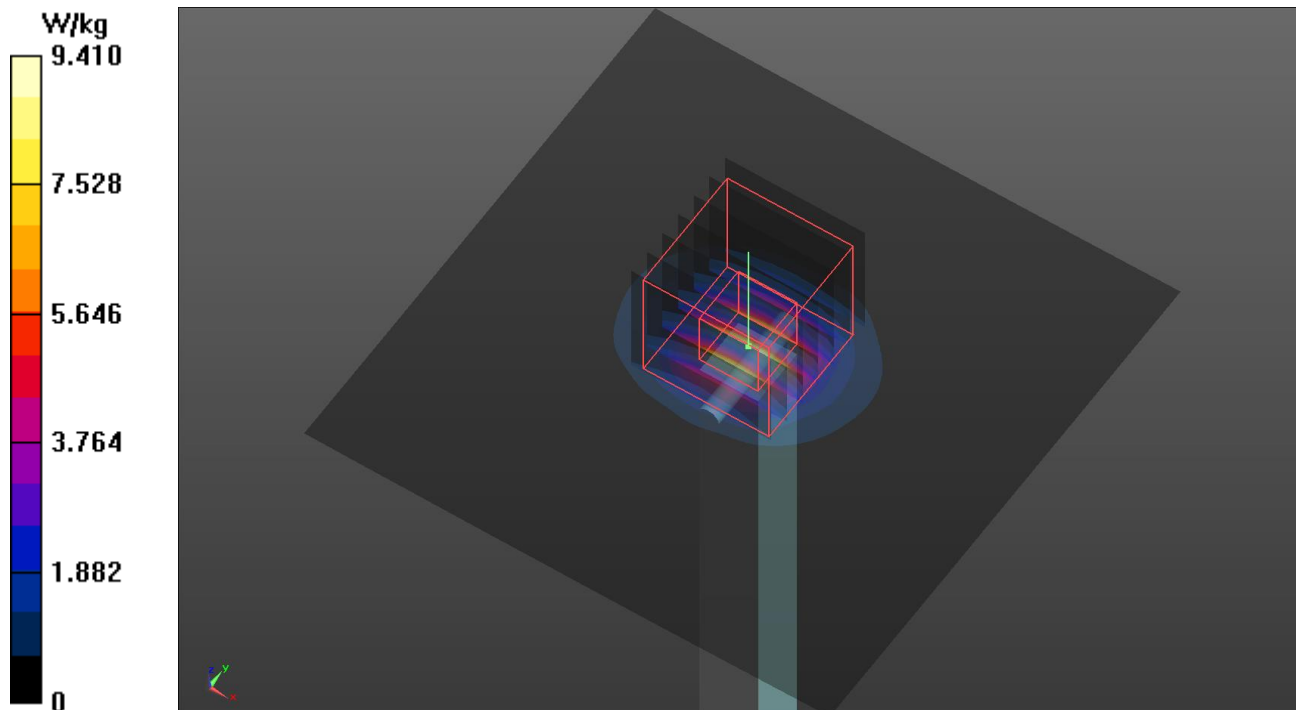
**Pin=50mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 46.39 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 17.6 W/kg

**SAR(1 g) = 3.91 W/kg; SAR(10 g) = 1.12 W/kg** (SAR corrected for target medium)

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



## Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/11/25

### S24 System Check\_H2450\_221125

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

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

Medium: H06T27N6\_1125 Medium parameters used:  $f = 2450$  MHz;  $\sigma = 1.852$  S/m;  $\epsilon_r = 39.344$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(7.5, 7.5, 7.5) @ 2450 MHz; Calibrated: 2022/7/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2022/7/19
- Phantom: ELI Phantom\_2105; Type: QD OVA 004 Ax; Serial: 2105
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

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

Maximum value of SAR (interpolated) = 4.13 W/kg

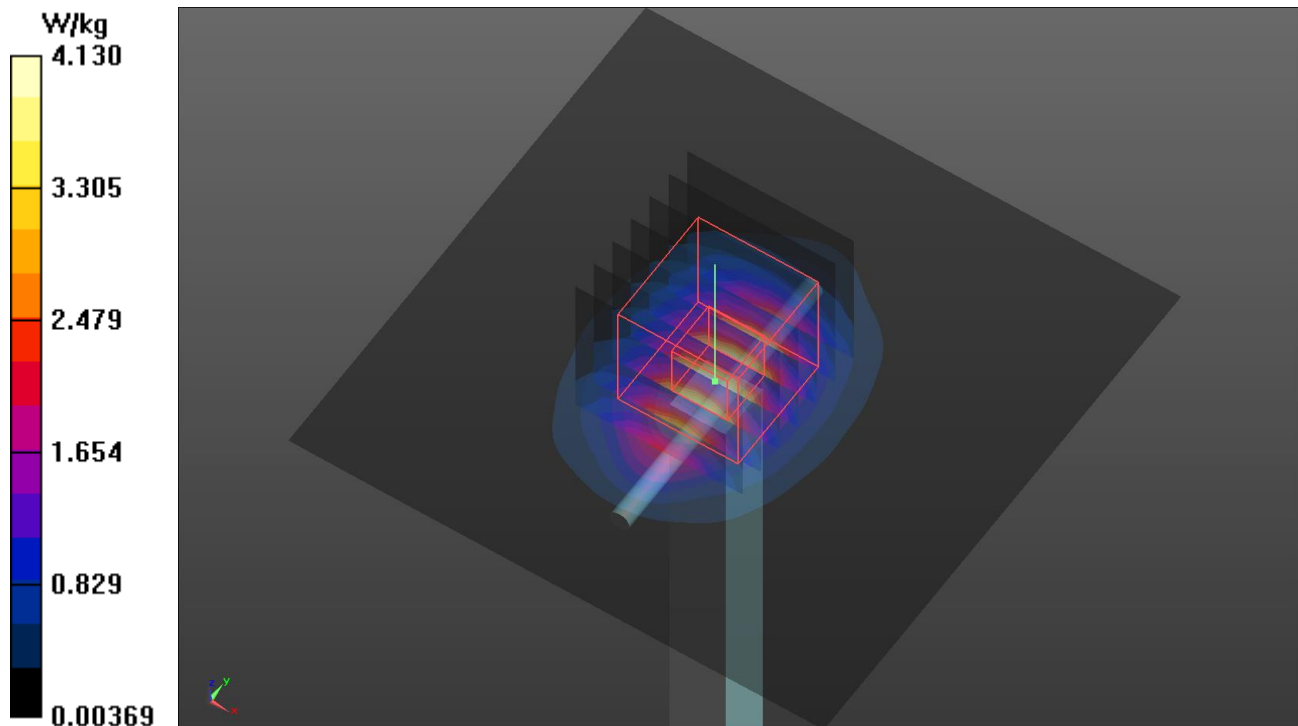
**Pin=50mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

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

Peak SAR (extrapolated) = 5.12 W/kg

**SAR(1 g) = 2.45 W/kg; SAR(10 g) = 1.15 W/kg** (SAR corrected for target medium)

Maximum value of SAR (measured) = 4.15 W/kg





## Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/11/10

### S25 System Check\_H2450\_221110

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

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

Medium: H19T27N4\_1110 Medium parameters used:  $f = 2450$  MHz;  $\sigma = 1.805$  S/m;  $\epsilon_r = 38.071$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(7.98, 7.98, 7.98) @ 2450 MHz; Calibrated: 2022/01/25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2022/01/19
- Phantom: ELI Phantom\_1204; Type: QD OVA 002 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

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

Maximum value of SAR (interpolated) = 4.28 W/kg

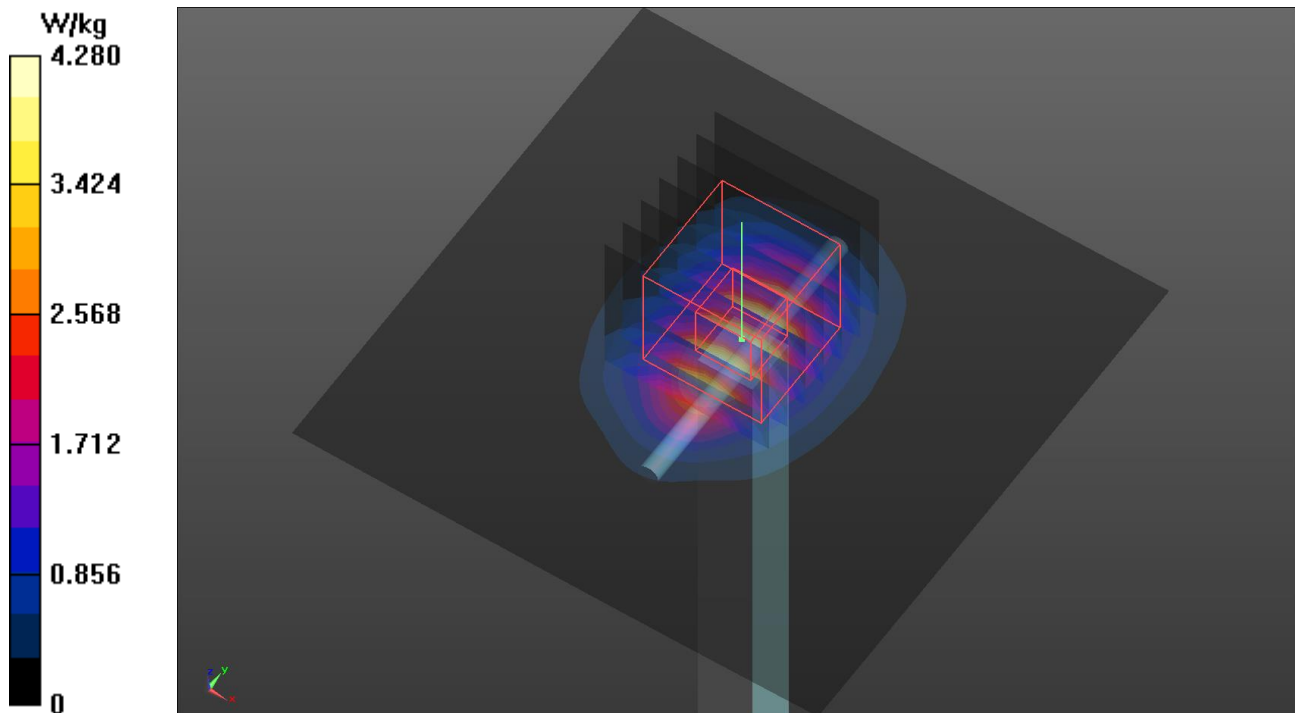
**Pin=50mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 47.84 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 5.35 W/kg

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

Maximum value of SAR (measured) = 4.20 W/kg



## Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/11/10

### S26 System Check\_H5250\_221110

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

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

Medium: H34T60N4\_1110 Medium parameters used:  $f = 5250$  MHz;  $\sigma = 4.713$  S/m;  $\epsilon_r = 36.167$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(5.1, 5.1, 5.1) @ 5250 MHz; Calibrated: 2022/01/25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2022/01/19
- Phantom: ELI Phantom\_1204; Type: QD OVA 002 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

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

Maximum value of SAR (interpolated) = 9.72 W/kg

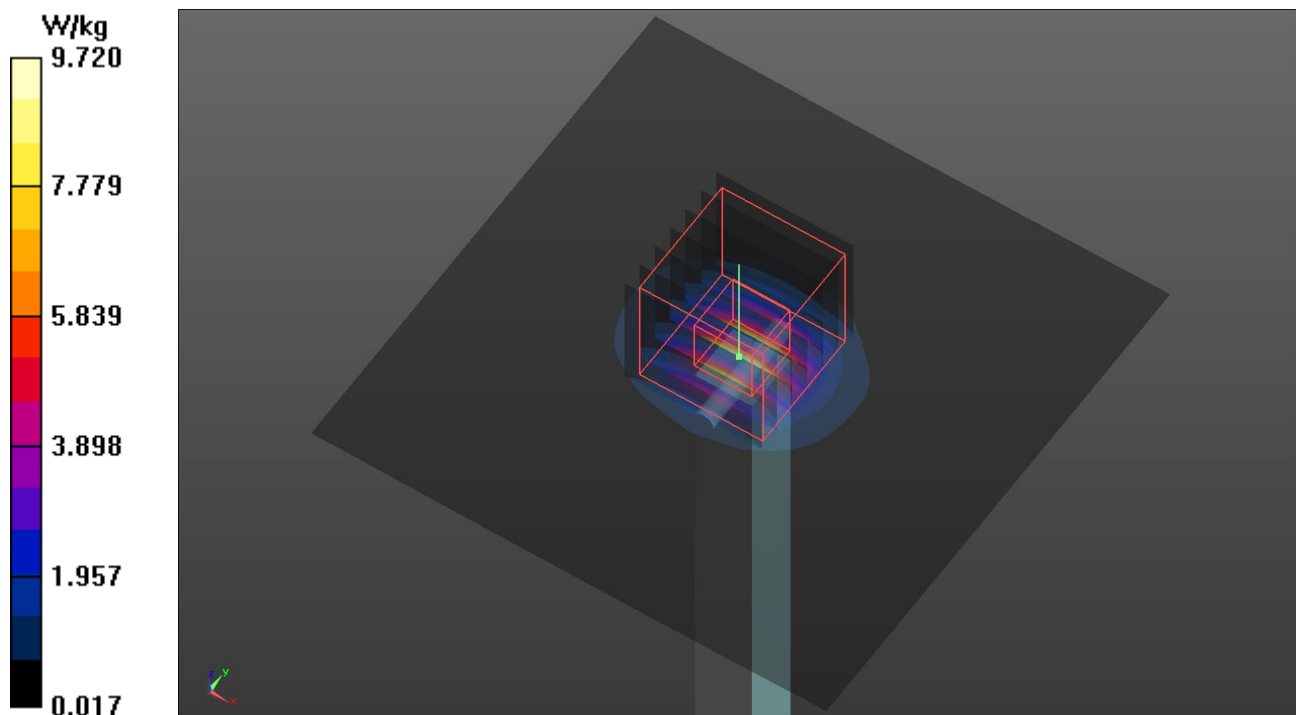
**Pin=50mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 51.10 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 16.3 W/kg

**SAR(1 g) = 4.14 W/kg; SAR(10 g) = 1.2 W/kg** (SAR corrected for target medium)

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



## Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/11/10

### S27 System Check\_H5600\_221110

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

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

Medium: H34T60N4\_1110 Medium parameters used:  $f = 5600$  MHz;  $\sigma = 4.997$  S/m;  $\epsilon_r = 35.815$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(4.8, 4.8, 4.8) @ 5600 MHz; Calibrated: 2022/01/25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2022/01/19
- Phantom: ELI Phantom\_1204; Type: QD OVA 002 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

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

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

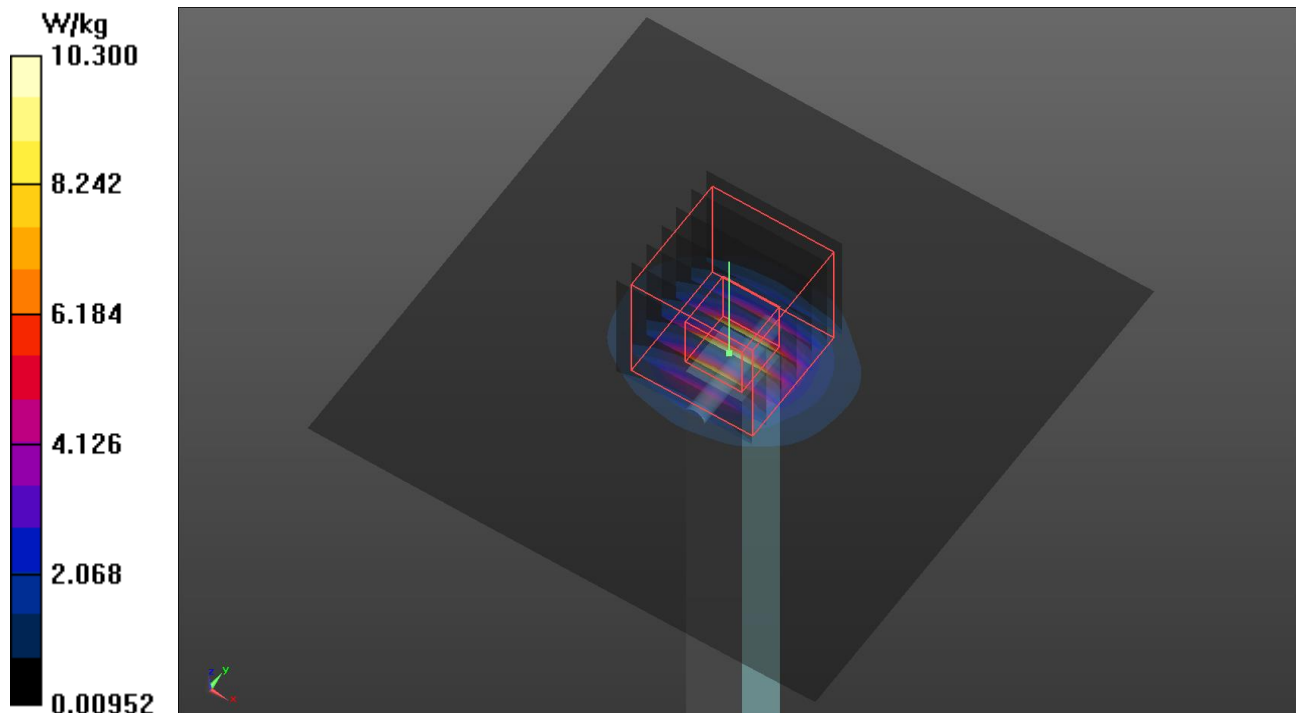
**Pin=50mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 50.51 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 18.2 W/kg

**SAR(1 g) = 4.23 W/kg; SAR(10 g) = 1.21 W/kg** (SAR corrected for target medium)

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



## Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/11/10

### S28 System Check\_H5750\_221110

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

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

Medium: H34T60N4\_1110 Medium parameters used:  $f = 5750$  MHz;  $\sigma = 5.253$  S/m;  $\epsilon_r = 35.475$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(4.85, 4.85, 4.85) @ 5750 MHz; Calibrated: 2022/01/25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2022/01/19
- Phantom: ELI Phantom\_1204; Type: QD OVA 002 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

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

Maximum value of SAR (interpolated) = 9.59 W/kg

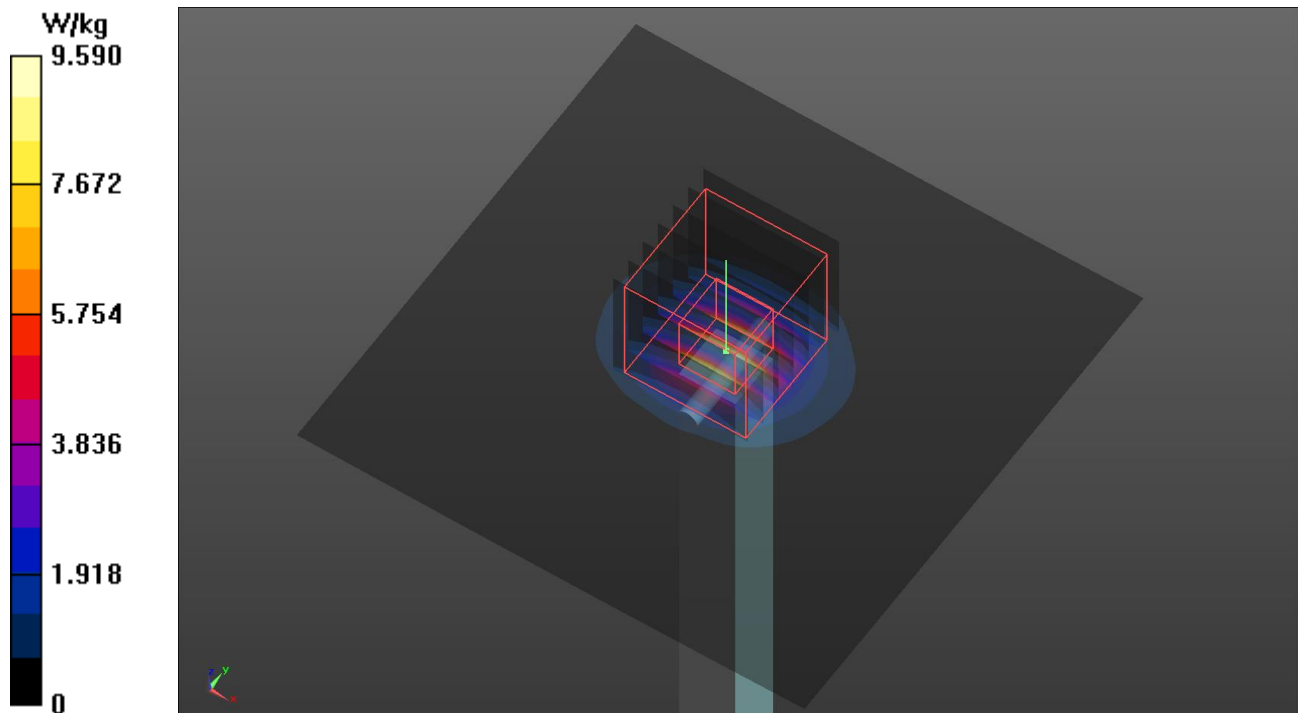
**Pin=50mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 46.39 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 17.9 W/kg

**SAR(1 g) = 3.96 W/kg; SAR(10 g) = 1.13 W/kg** (SAR corrected for target medium)

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



## Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/11/25

### S29 System Check\_H2450\_221125

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

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

Medium: H06T27N6\_1125 Medium parameters used:  $f = 2450$  MHz;  $\sigma = 1.852$  S/m;  $\epsilon_r = 39.344$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(7.5, 7.5, 7.5) @ 2450 MHz; Calibrated: 2022/7/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2022/7/19
- Phantom: ELI Phantom\_2105; Type: QD OVA 004 Ax; Serial: 2105
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

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

Maximum value of SAR (interpolated) = 4.13 W/kg

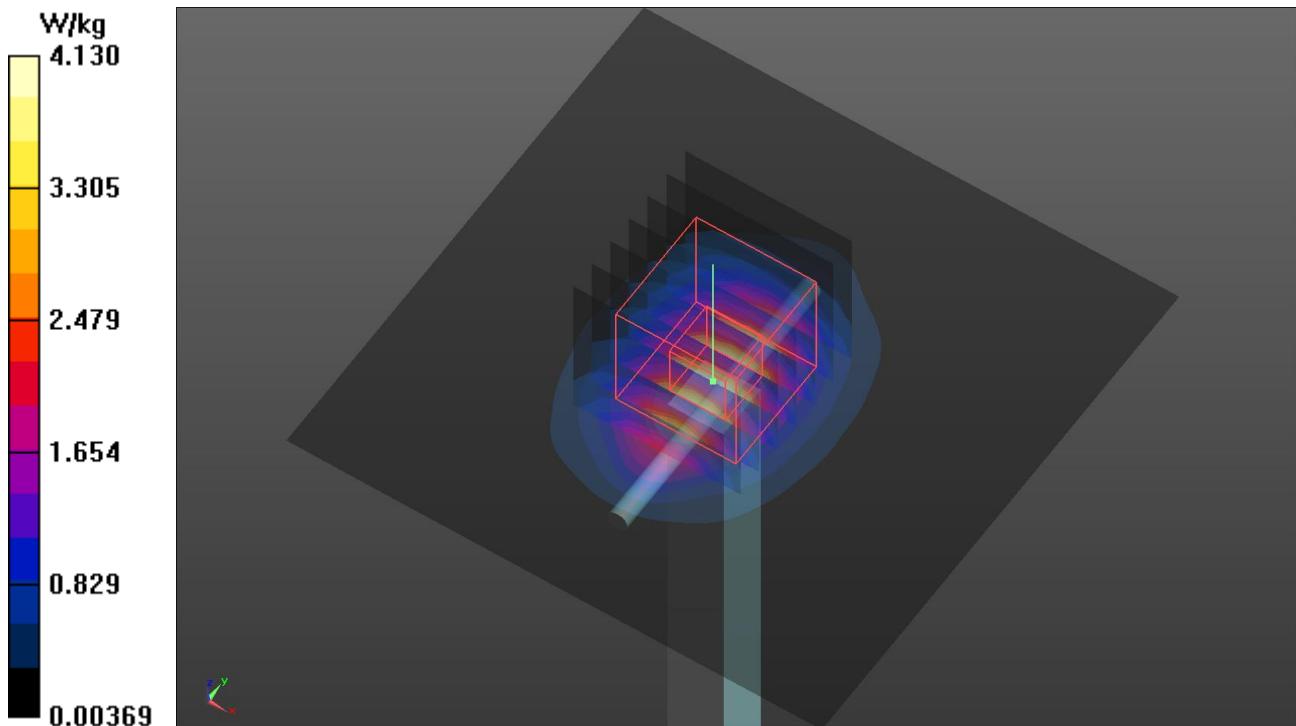
**Pin=50mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

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

Peak SAR (extrapolated) = 5.12 W/kg

**SAR(1 g) = 2.45 W/kg; SAR(10 g) = 1.15 W/kg** (SAR corrected for target medium)

Maximum value of SAR (measured) = 4.15 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: 2022/11/07

**P01 WCDMA II\_RMC12.2K\_Top Side\_0mm\_Ch9400\_Sample 1\_Ant 0\_Power Reduction\_w\_o**

**DUT: BFLF-WTW-P22110085**

Communication System: UID 10011 - CAC, UMTS-FDD (WCDMA); Frequency: 1880 MHz; Duty Cycle: 1:1.95  
Medium: H16T20N1\_1107 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.447$  S/m;  $\epsilon_r = 38.62$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(8.24, 8.24, 8.24) @ 1880 MHz; Calibrated: 2022/07/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2022/07/19
- Phantom: ELI Phantom\_2118; Type: QD OVA 004 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (61x221x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 1.49 W/kg

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

Reference Value = 31.09 V/m; Power Drift = -0.03 dB

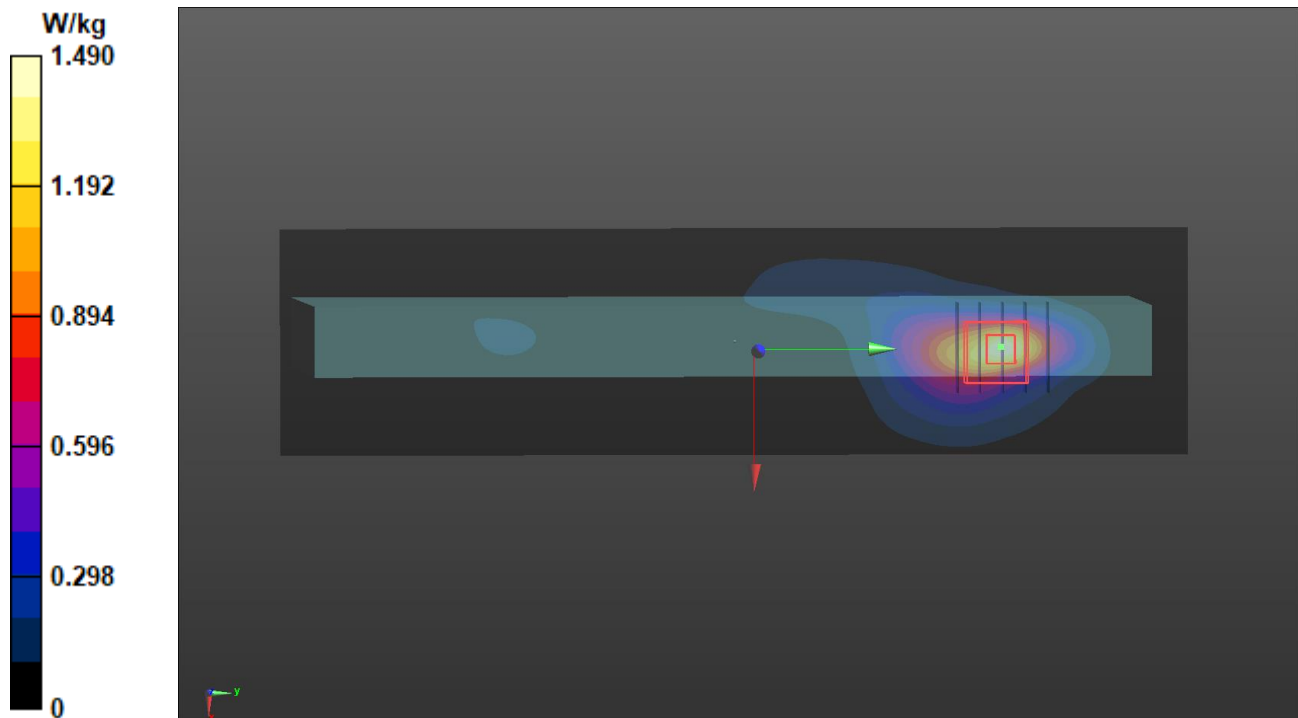
Peak SAR (extrapolated) = 1.70 W/kg

**SAR(1 g) = 0.878 W/kg; SAR(10 g) = 0.481 W/kg** (SAR corrected for target medium)

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

Ratio of SAR at M2 to SAR at M1 = 54.3%

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





## Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/11/04

**P02 WCDMA IV\_RMC12.2K\_Top Side\_0mm\_Ch1312\_Sample 1\_Ant 0\_Power Reduction\_w**

**DUT: BFLF-WTW-P22110085**

Communication System: UID 10011 - CAC, UMTS-FDD (WCDMA); Frequency: 1712.4 MHz; Duty Cycle: 1:1.95  
 Medium: H16T20N1\_1104 Medium parameters used (interpolated):  $f = 1712.4$  MHz;  $\sigma = 1.311$  S/m;  $\epsilon_r = 38.909$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.8 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(8.6, 8.6, 8.6) @ 1712.4 MHz; Calibrated: 2022/07/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2022/07/19
- Phantom: ELI Phantom\_2118; Type: QD OVA 004 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (61x221x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
 Maximum value of SAR (interpolated) = 1.90 W/kg

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

Reference Value = 36.05 V/m; Power Drift = -0.09 dB

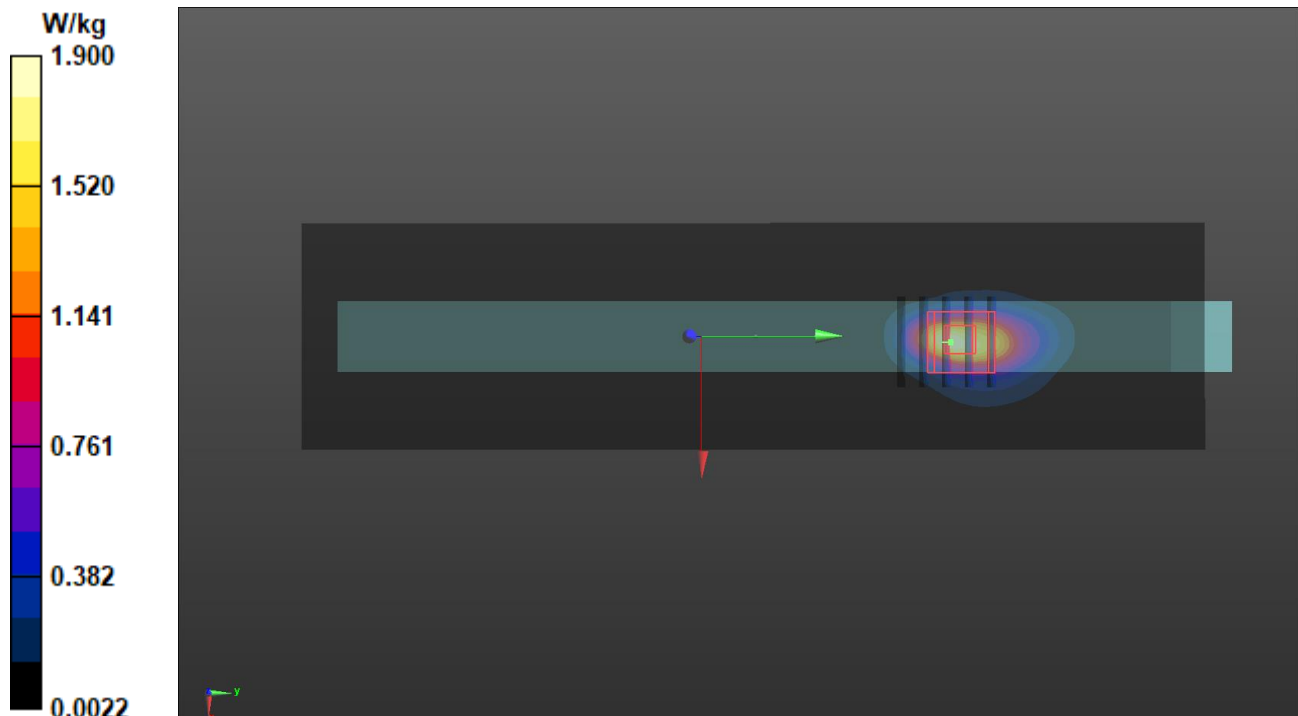
Peak SAR (extrapolated) = 2.21 W/kg

**SAR(1 g) = 1.17 W/kg; SAR(10 g) = 0.593 W/kg** (SAR corrected for target medium)

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

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

Maximum value of SAR (measured) = 1.81 W/kg



## Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/11/07

**P03 WCDMA V\_RMC12.2K\_Top Side\_0mm\_Ch4233\_Sample 1\_Ant 0\_Power Reduction\_w\_o**

**DUT: BFLF-WTW-P22110085**

Communication System: UID 10011 - CAC, UMTS-FDD (WCDMA); Frequency: 846.6 MHz; Duty Cycle: 1:1.95  
 Medium: H07T10N1\_1107 Medium parameters used:  $f = 847$  MHz;  $\sigma = 0.939$  S/m;  $\epsilon_r = 40.648$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(10.01, 10.01, 10.01) @ 846.6 MHz; Calibrated: 2022/07/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2022/07/19
- Phantom: ELI Phantom\_2118; Type: QD OVA 004 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (61x221x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
 Maximum value of SAR (interpolated) = 1.10 W/kg

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

Reference Value = 34.54 V/m; Power Drift = -0.11 dB

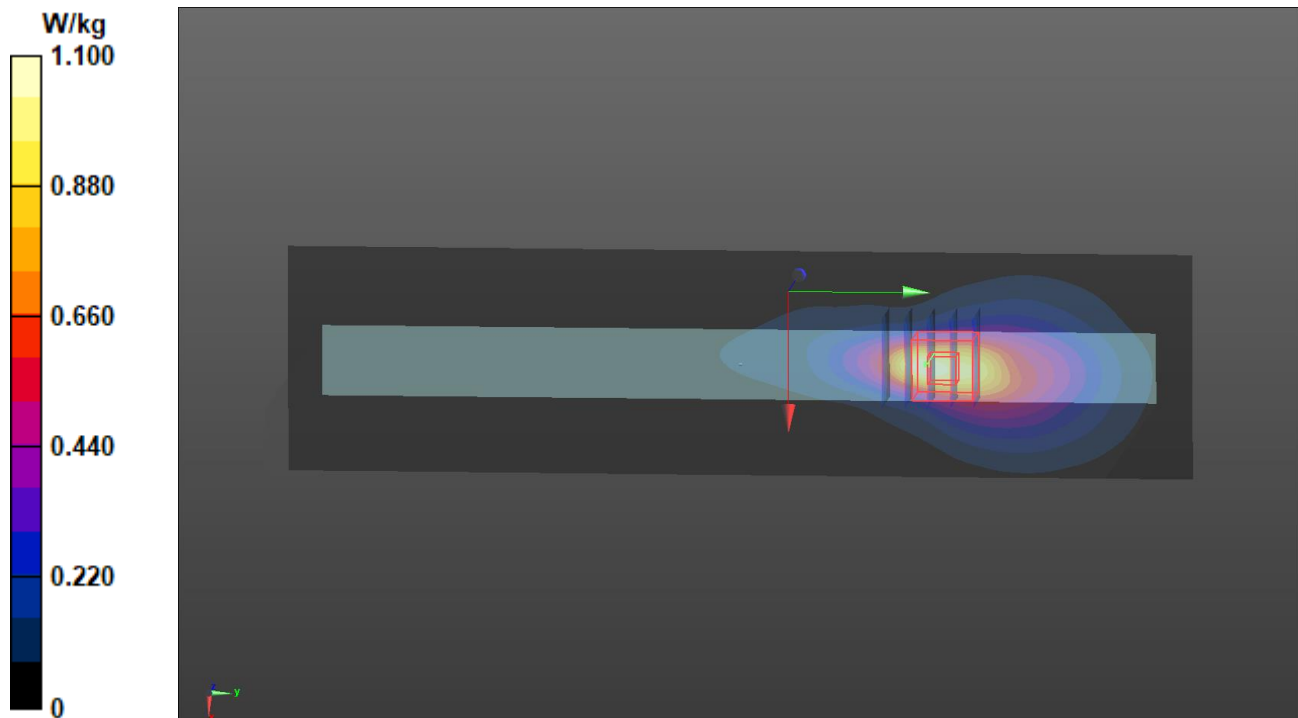
Peak SAR (extrapolated) = 1.32 W/kg

**SAR(1 g) = 0.675 W/kg; SAR(10 g) = 0.378 W/kg** (SAR corrected for target medium)

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

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

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



## Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/11/07

**P07 LTE 7\_QPSK20M\_Top Side\_0mm\_Ch21350\_1RB\_OS0\_Sample 1\_Ant 0\_Power Reduction\_w**

**DUT: BFLF-WTW-P22110085**

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

Medium: H19T27N1\_1107 Medium parameters used:  $f = 2560$  MHz;  $\sigma = 1.919$  S/m;  $\epsilon_r = 37.283$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(7.23, 7.23, 7.23) @ 2560 MHz; Calibrated: 2022/07/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2022/07/19
- Phantom: ELI Phantom\_2118; Type: QD OVA 004 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (71x271x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.54 W/kg

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

Reference Value = 28.39 V/m; Power Drift = -0.07 dB

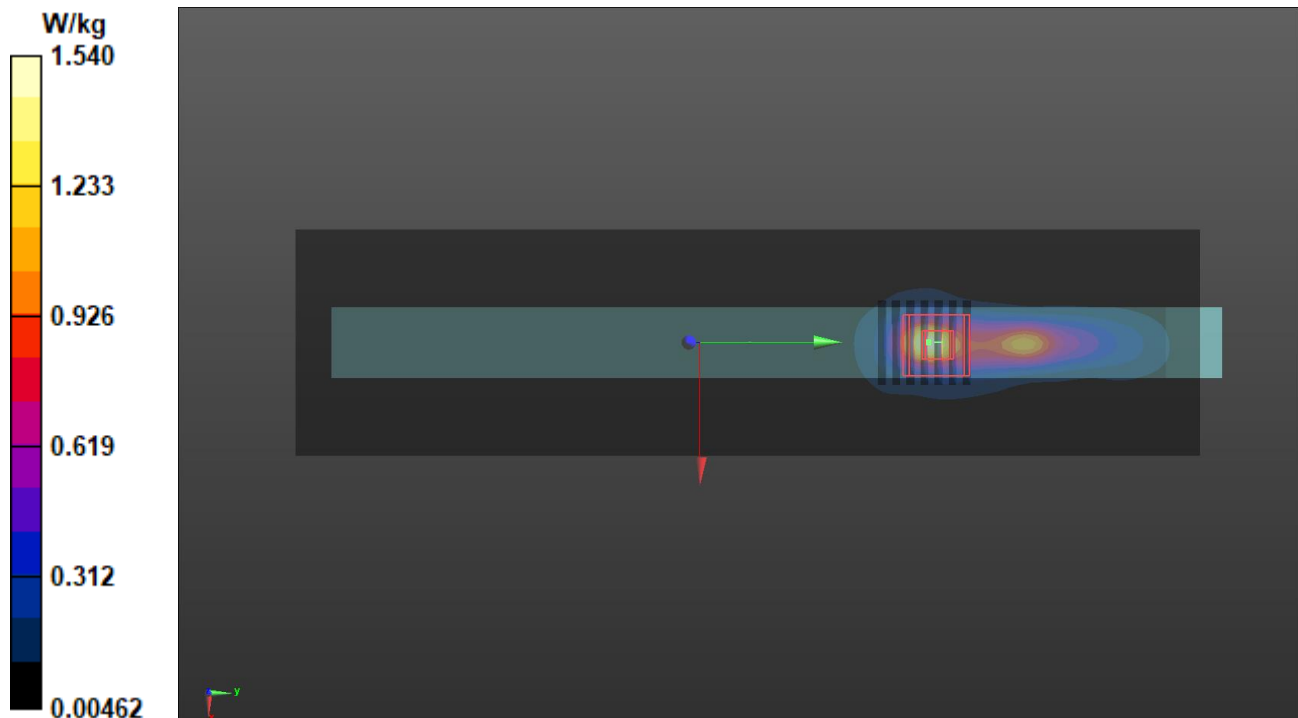
Peak SAR (extrapolated) = 2.38 W/kg

**SAR(1 g) = 0.994 W/kg; SAR(10 g) = 0.348 W/kg** (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 5.8 mm

Ratio of SAR at M2 to SAR at M1 = 47.7%

Maximum value of SAR (measured) = 1.87 W/kg



## Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/11/07

**P08 LTE 12\_QPSK10M\_Top Side\_0mm\_Ch23130\_1RB\_OS0\_Sample 1\_Ant 0\_Power Reduction\_w\_o**

**DUT: BFLF-WTW-P22110085**

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

Medium: H06T09N1\_1107 Medium parameters used:  $f = 711$  MHz;  $\sigma = 0.902$  S/m;  $\epsilon_r = 42.018$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(10.48, 10.48, 10.48) @ 711 MHz; Calibrated: 2022/07/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2022/07/19
- Phantom: ELI Phantom\_2118; Type: QD OVA 004 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (61x221x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.863 W/kg

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

Reference Value = 32.11 V/m; Power Drift = -0.18 dB

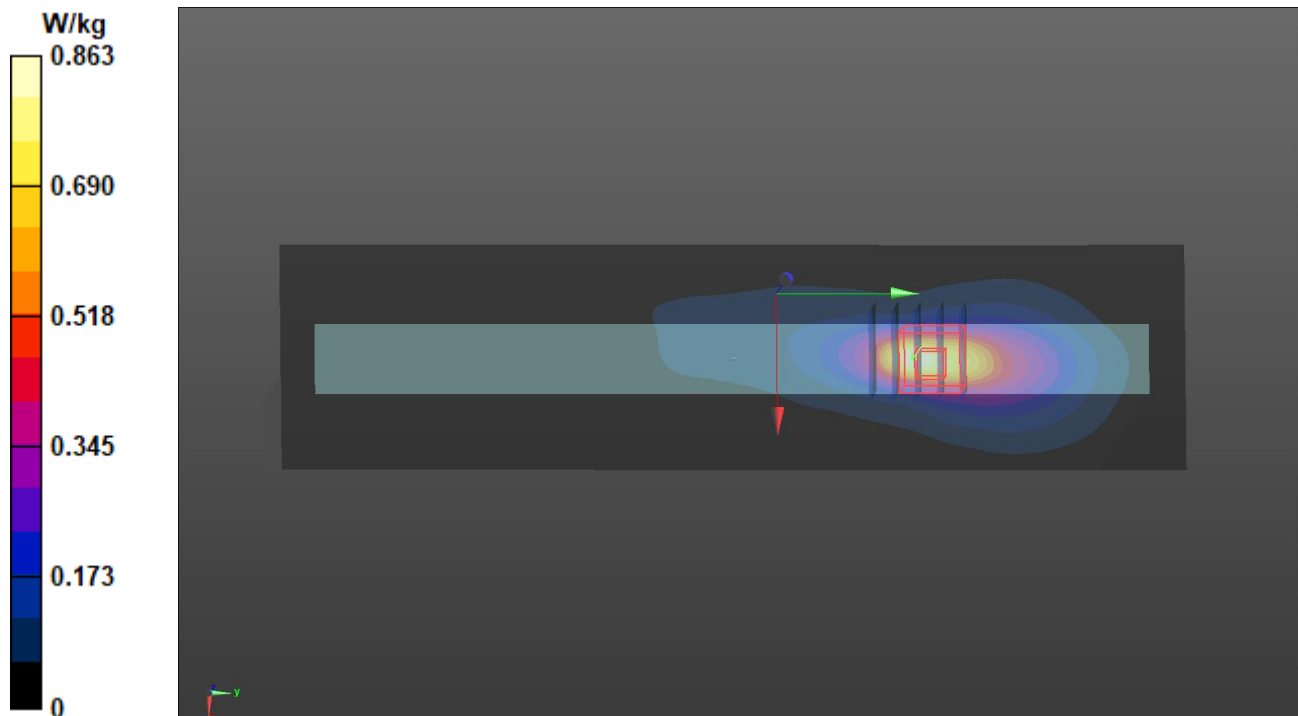
Peak SAR (extrapolated) = 1.12 W/kg

**SAR(1 g) = 0.496 W/kg; SAR(10 g) = 0.271 W/kg** (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 8.7 mm

Ratio of SAR at M2 to SAR at M1 = 45.6%

Maximum value of SAR (measured) = 0.823 W/kg



## Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/11/07

**P09 LTE 13\_QPSK10M\_Top Side\_0mm\_Ch23230\_1RB\_OS0\_Sample 1\_Ant 0\_Power Reduction\_w\_o**

**DUT: BFLF-WTW-P22110085**

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

Medium: H06T09N1\_1107 Medium parameters used:  $f = 782$  MHz;  $\sigma = 0.924$  S/m;  $\epsilon_r = 41.497$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(10.48, 10.48, 10.48) @ 782 MHz; Calibrated: 2022/07/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2022/07/19
- Phantom: ELI Phantom\_2118; Type: QD OVA 004 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (61x221x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.848 W/kg

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

Reference Value = 30.90 V/m; Power Drift = -0.10 dB

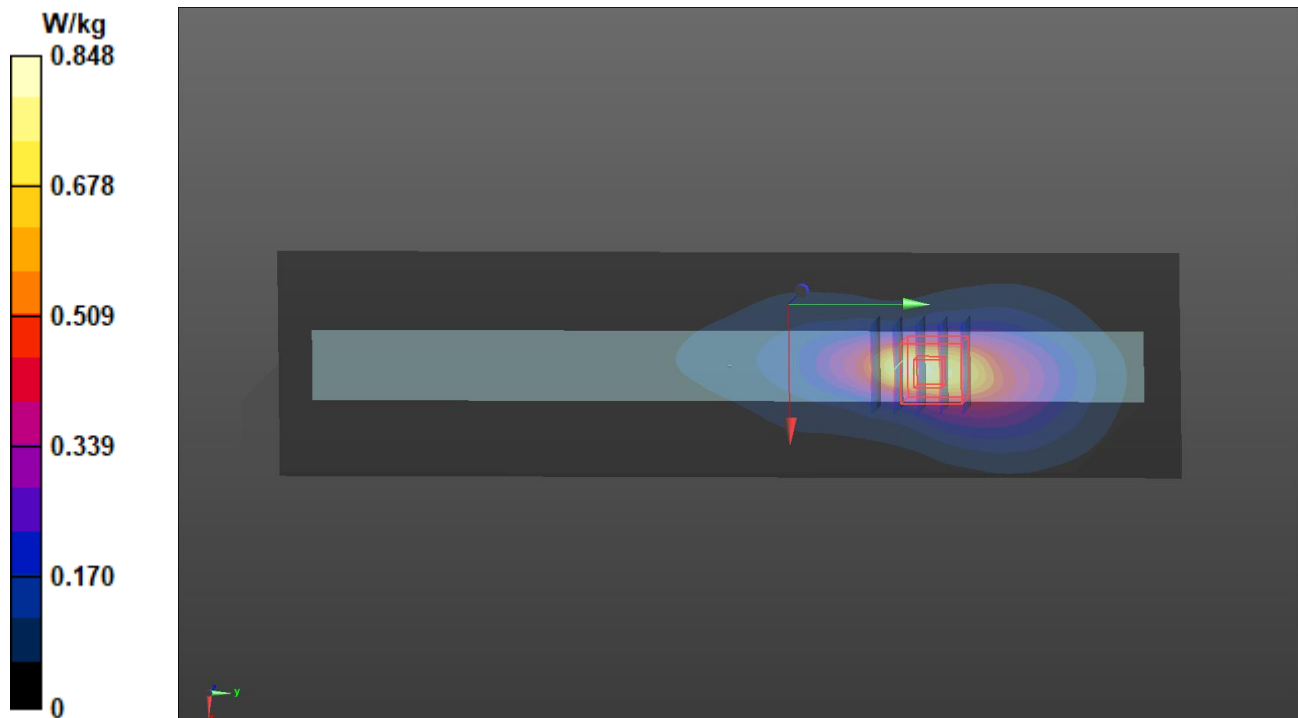
Peak SAR (extrapolated) = 1.11 W/kg

**SAR(1 g) = 0.529 W/kg; SAR(10 g) = 0.302 W/kg** (SAR corrected for target medium)

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

Ratio of SAR at M2 to SAR at M1 = 44.7%

Maximum value of SAR (measured) = 0.874 W/kg



## Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/11/07

**P10 LTE 14\_QPSK10M\_Top Side\_0mm\_Ch23330\_1RB\_OS0\_Sample 1\_Ant 0\_Power Reduction\_w\_o**

**DUT: BFLF-WTW-P22110085**

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

Medium: H06T09N1\_1107 Medium parameters used:  $f = 793$  MHz;  $\sigma = 0.926$  S/m;  $\epsilon_r = 41.398$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(10.48, 10.48, 10.48) @ 793 MHz; Calibrated: 2022/07/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2022/07/19
- Phantom: ELI Phantom\_2118; Type: QD OVA 004 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (61x221x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.971 W/kg

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

Reference Value = 32.85 V/m; Power Drift = -0.10 dB

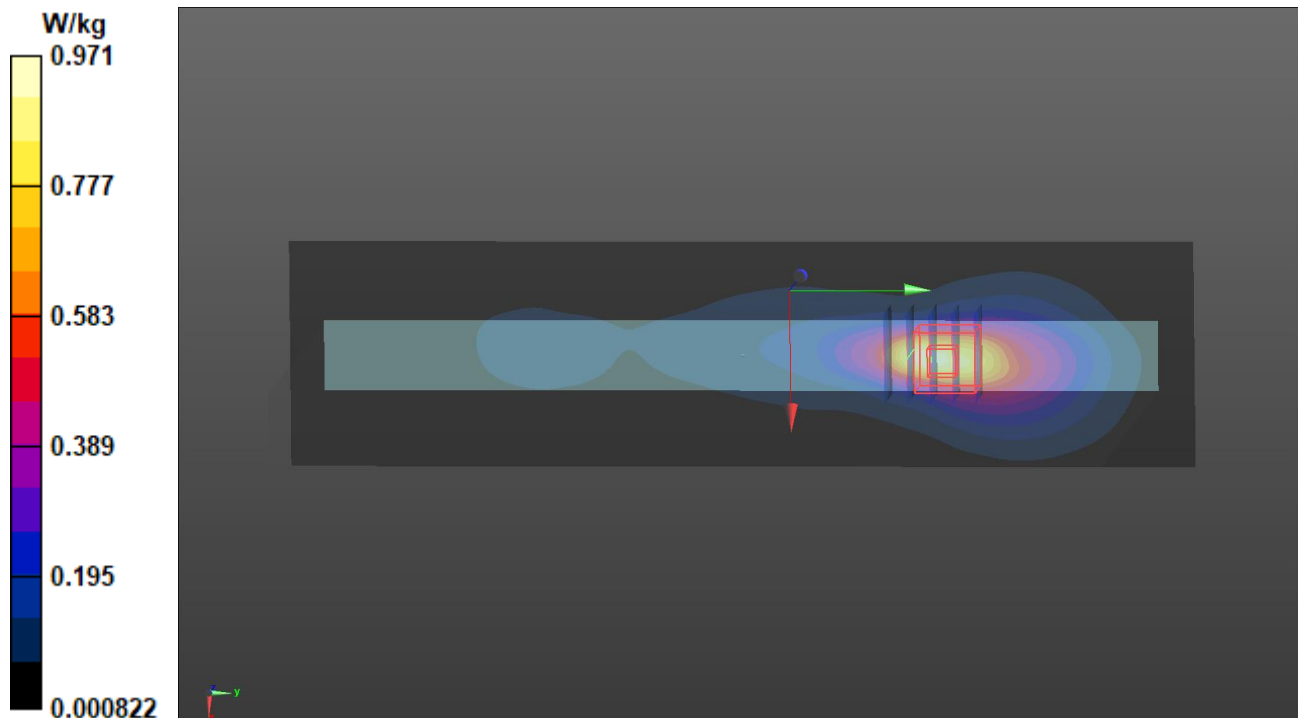
Peak SAR (extrapolated) = 1.26 W/kg

**SAR(1 g) = 0.598 W/kg; SAR(10 g) = 0.340 W/kg** (SAR corrected for target medium)

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

Ratio of SAR at M2 to SAR at M1 = 44.4%

Maximum value of SAR (measured) = 0.979 W/kg



## Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/11/07

**P12 LTE 25\_QPSK20M\_Top Side\_0mm\_Ch26140\_1RB\_OS0\_Sample 1\_Ant 0\_Power Reduction\_w\_o**

**DUT: BFLF-WTW-P22110085**

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

Medium: H16T20N1\_1107 Medium parameters used:  $f = 1860$  MHz;  $\sigma = 1.435$  S/m;  $\epsilon_r = 38.665$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(8.24, 8.24, 8.24) @ 1860 MHz; Calibrated: 2022/07/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2022/07/19
- Phantom: ELI Phantom\_2118; Type: QD OVA 004 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (61x221x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

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

Reference Value = 29.75 V/m; Power Drift = -0.09 dB

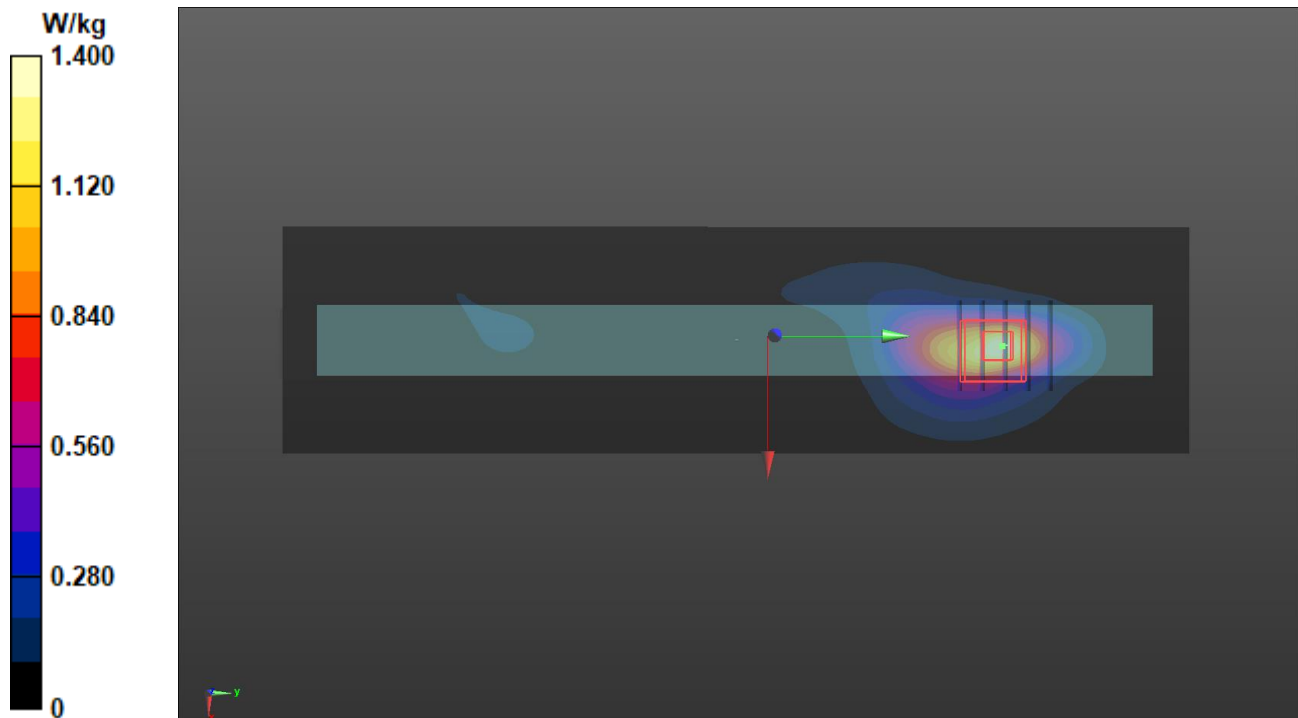
Peak SAR (extrapolated) = 1.58 W/kg

**SAR(1 g) = 0.842 W/kg; SAR(10 g) = 0.467 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 = 54.5%

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





## Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/11/07

**P13 LTE 26\_QPSK15M\_Top Side\_0mm\_Ch26765\_1RB\_OS0\_Sample 1\_Ant 0\_Power Reduction\_w\_o**

**DUT: BFLF-WTW-P22110085**

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

Medium: H07T10N1\_1107 Medium parameters used (interpolated):  $f = 821.5$  MHz;  $\sigma = 0.931$  S/m;  $\epsilon_r = 40.744$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(10.01, 10.01, 10.01) @ 821.5 MHz; Calibrated: 2022/07/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2022/07/19
- Phantom: ELI Phantom\_2118; Type: QD OVA 004 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (61x221x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 1.16 W/kg

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

Reference Value = 35.58 V/m; Power Drift = -0.08 dB

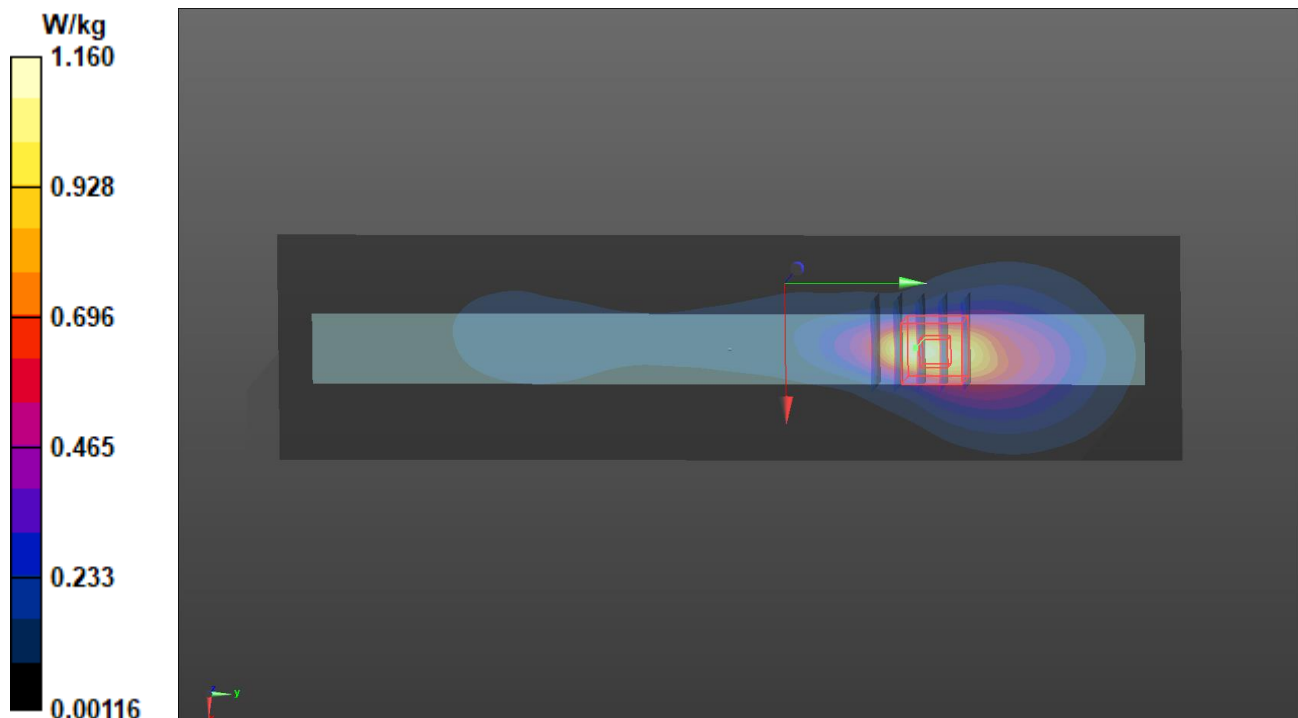
Peak SAR (extrapolated) = 1.37 W/kg

**SAR(1 g) = 0.707 W/kg; SAR(10 g) = 0.400 W/kg** (SAR corrected for target medium)

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

Ratio of SAR at M2 to SAR at M1 = 52.1%

Maximum value of SAR (measured) = 1.10 W/kg



## Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/11/07

**P14 LTE 30\_QPSK10M\_Top Side\_0mm\_Ch27710\_1RB\_OS0\_Sample 1\_Ant 0\_Power Reduction\_w\_o**

**DUT: BFLF-WTW-P22110086**

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

Medium: H19T27N1\_1107 Medium parameters used:  $f = 2310$  MHz;  $\sigma = 1.705$  S/m;  $\epsilon_r = 37.76$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(7.73, 7.73, 7.73) @ 2310 MHz; Calibrated: 2022/07/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2022/07/19
- Phantom: ELI Phantom\_2118; Type: QD OVA 004 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (71x271x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.832 W/kg

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

Reference Value = 19.02 V/m; Power Drift = -0.18 dB

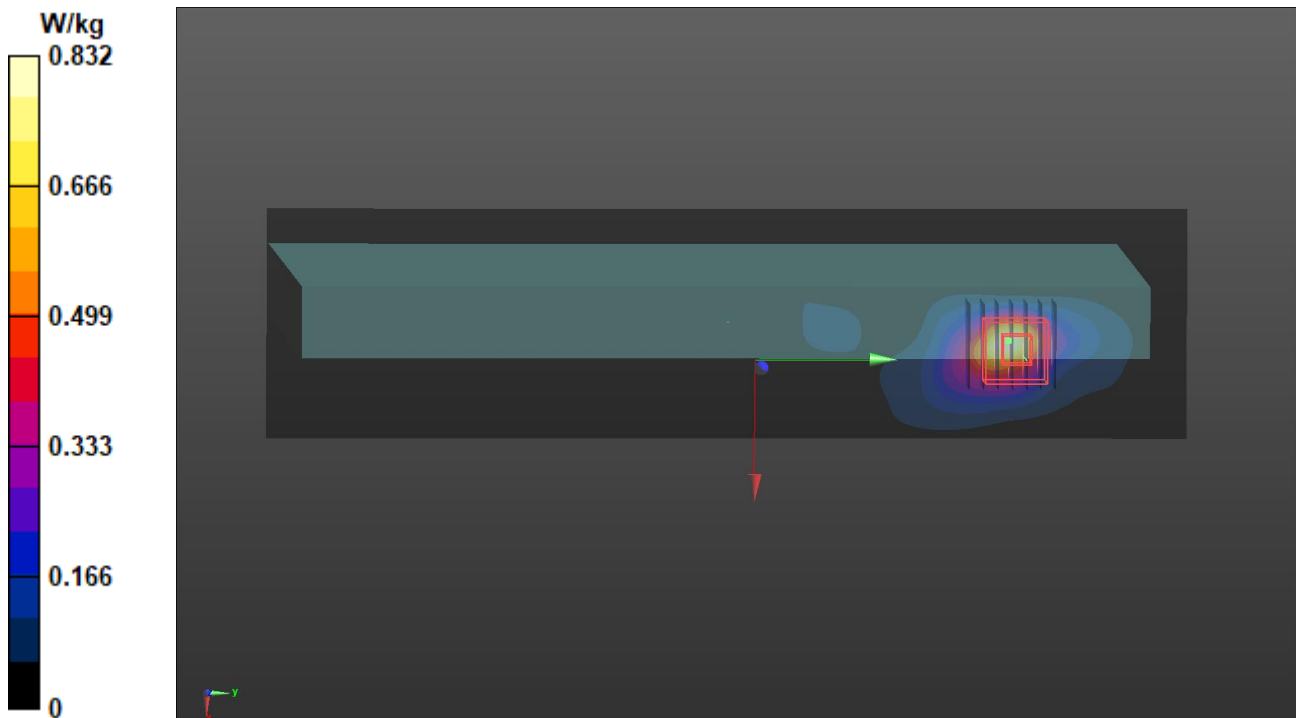
Peak SAR (extrapolated) = 1.85 W/kg

**SAR(1 g) = 0.857 W/kg; SAR(10 g) = 0.370 W/kg** (SAR corrected for target medium)

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

Ratio of SAR at M2 to SAR at M1 = 51.7%

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



## Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/11/04

**P15 LTE 38\_QPSK20M\_Top Side\_0mm\_Ch38150\_1RB\_OS0\_Sample 1\_Ant 0\_Power Reduction\_w**

**DUT: BFLF-WTW-P22110086**

Communication System: UID 10172 - CAH, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 2610 MHz; Duty Cycle: 1:8.33

Medium: H19T27N1\_1104 Medium parameters used (interpolated):  $f = 2610$  MHz;  $\sigma = 2.054$  S/m;  $\epsilon_r = 37.737$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.8 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(7.23, 7.23, 7.23) @ 2610 MHz; Calibrated: 2022/07/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2022/07/19
- Phantom: ELI Phantom\_2118; Type: QD OVA 004 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (71x271x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 1.46 W/kg

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

Reference Value = 25.93 V/m; Power Drift = -0.06 dB

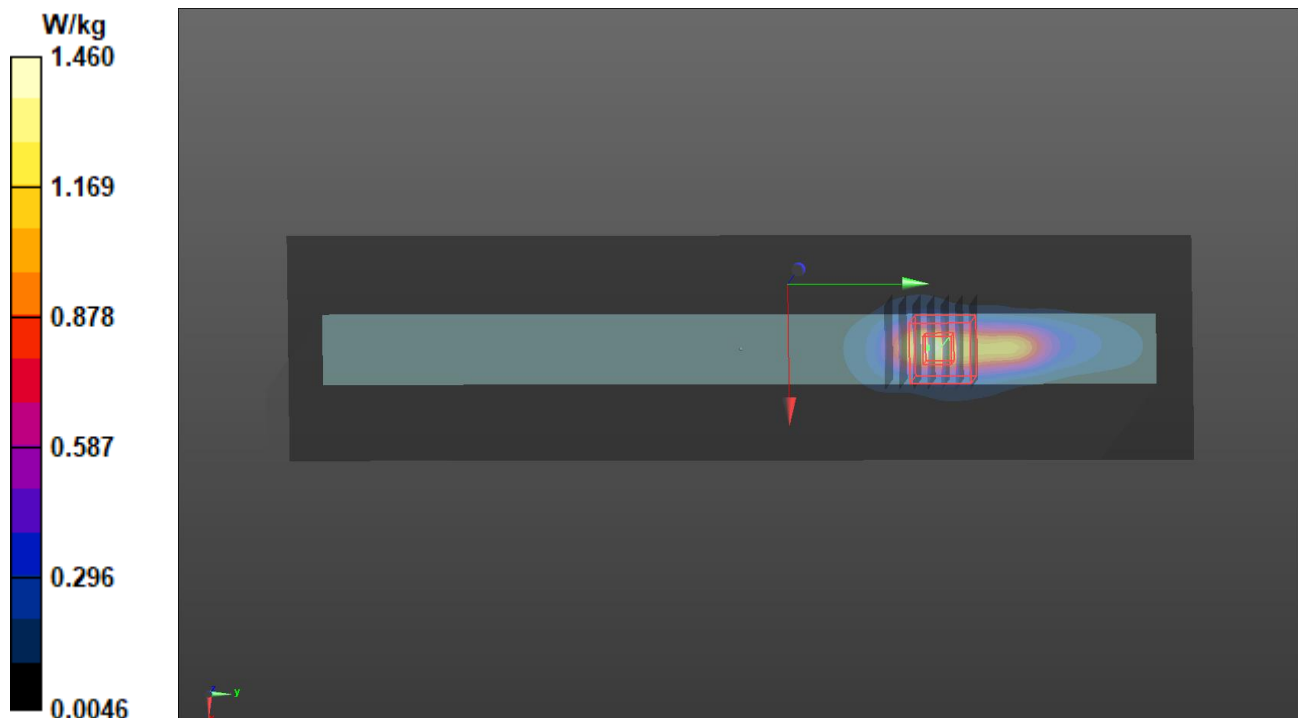
Peak SAR (extrapolated) = 2.73 W/kg

**SAR(1 g) = 1.04 W/kg; SAR(10 g) = 0.346 W/kg** (SAR corrected for target medium)

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

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

Maximum value of SAR (measured) = 2.04 W/kg



## Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/11/04

**P16 LTE 41\_QPSK20M\_Top Side\_0mm\_Ch41055\_1RB\_OS0\_Sample 1\_Ant 0\_Power Reduction\_w**

**DUT: BFLF-WTW-P22110085**

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

Medium: H19T27N1\_1104 Medium parameters used (interpolated):  $f = 2636.5$  MHz;  $\sigma = 2.084$  S/m;  $\epsilon_r = 37.659$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.8 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(7.23, 7.23, 7.23) @ 2636.5 MHz; Calibrated: 2022/07/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2022/07/19
- Phantom: ELI Phantom\_2118; Type: QD OVA 004 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (71x271x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 1.26 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 25.74 V/m; Power Drift = -0.17 dB

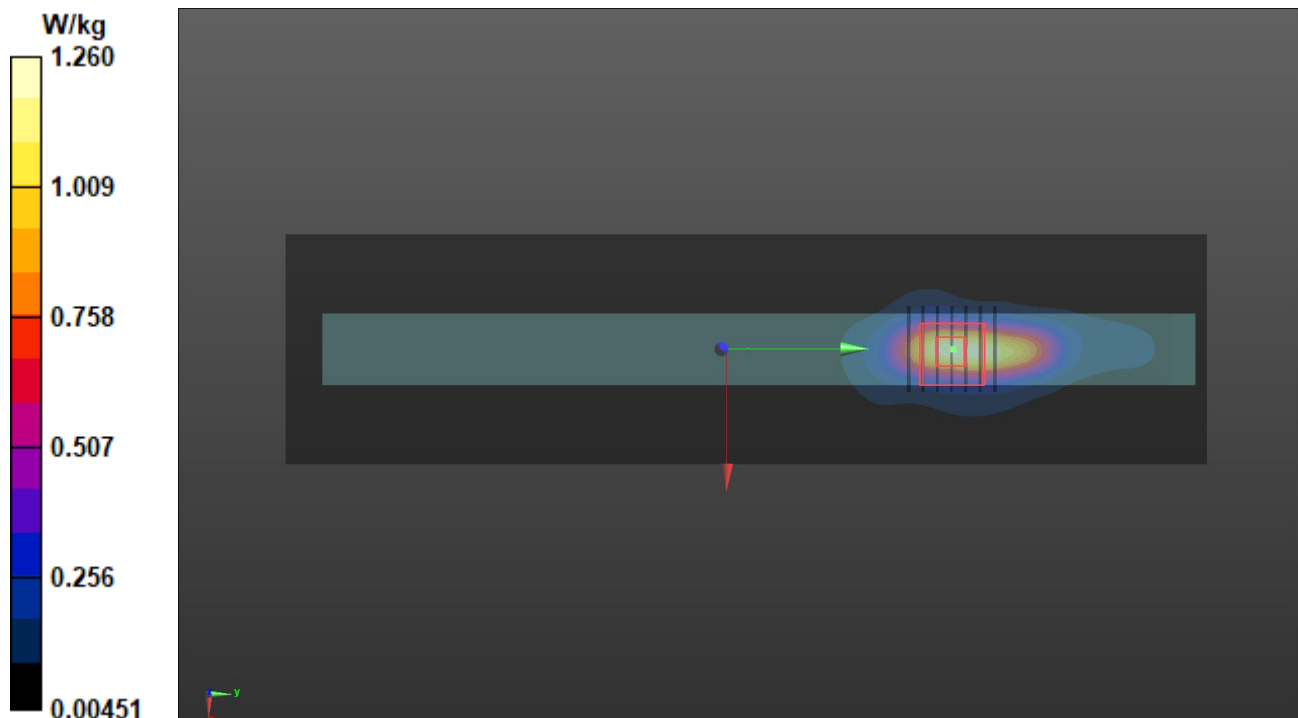
Peak SAR (extrapolated) = 2.57 W/kg

**SAR(1 g) = 0.953 W/kg; SAR(10 g) = 0.319 W/kg** (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 5.8 mm

Ratio of SAR at M2 to SAR at M1 = 42.7%

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



## Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/11/07

**P17 LTE 48\_QPSK20M\_Top Side\_0mm\_Ch56210\_1RB\_OS0\_Sample 1\_Ant 0\_Power Reduction\_w\_o**

**DUT: BFLF-WTW-P22110085**

Communication System: UID 10172 - CAH, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 3647 MHz; Duty Cycle: 1:8.33

Medium: H33T42N1\_1107 Medium parameters used (interpolated):  $f = 3647$  MHz;  $\sigma = 3.041$  S/m;  $\epsilon_r = 38.354$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(6.73, 6.73, 6.73) @ 3647 MHz; Calibrated: 2022/07/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2022/07/19
- Phantom: ELI Phantom\_2118; Type: QD OVA 004 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (71x271x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 0.378 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=2.5mm  
Reference Value = 10.67 V/m; Power Drift = -0.03 dB

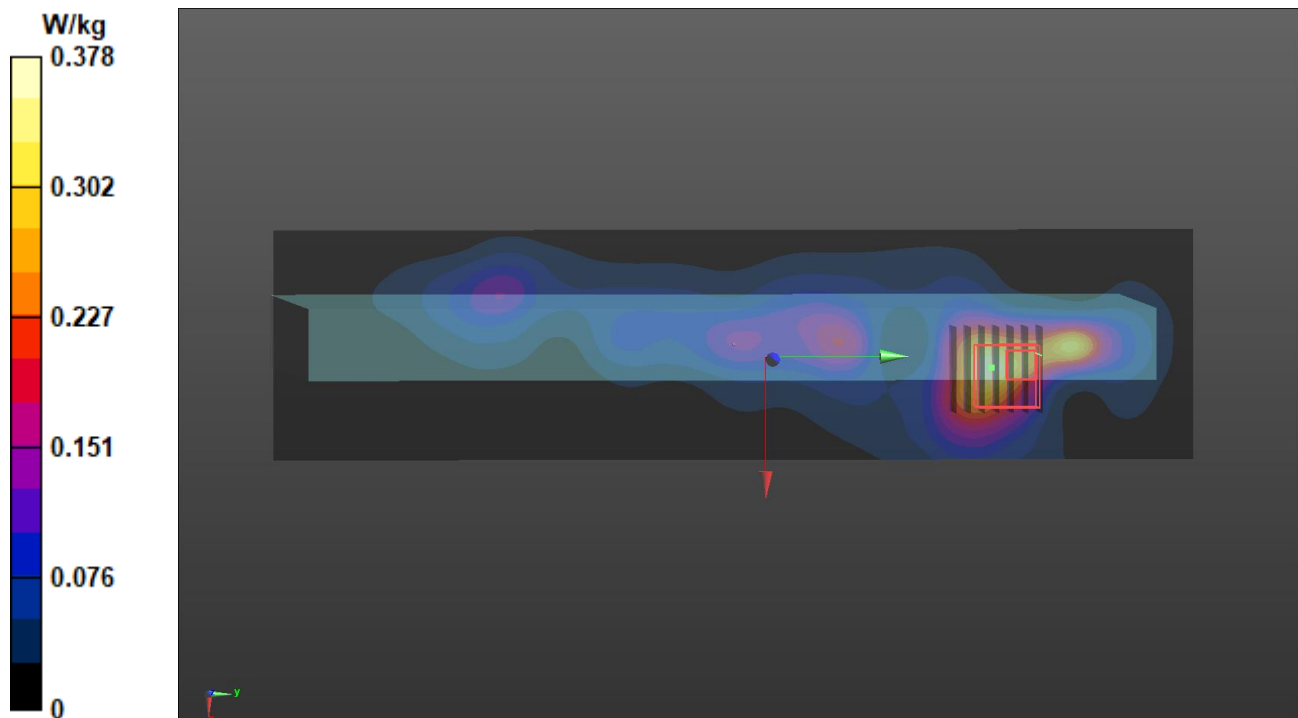
Peak SAR (extrapolated) = 1.30 W/kg

**SAR(1 g) = 0.293 W/kg; SAR(10 g) = 0.107 W/kg** (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 6.5 mm

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

Maximum value of SAR (measured) = 0.849 W/kg



## Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/11/04

**P18 LTE 66\_QPSK20M\_Top Side\_0mm\_Ch132072\_1RB\_OS0\_Sample 1\_Ant 0\_Power Reduction\_w**

**DUT: BFLF-WTW-P22110085**

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

Medium: H16T20N1\_1104 Medium parameters used:  $f = 1720$  MHz;  $\sigma = 1.319$  S/m;  $\epsilon_r = 38.935$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.8 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(8.6, 8.6, 8.6) @ 1720 MHz; Calibrated: 2022/07/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2022/07/19
- Phantom: ELI Phantom\_2118; Type: QD OVA 004 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (61x221x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.74 W/kg

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

Reference Value = 34.21 V/m; Power Drift = -0.07 dB

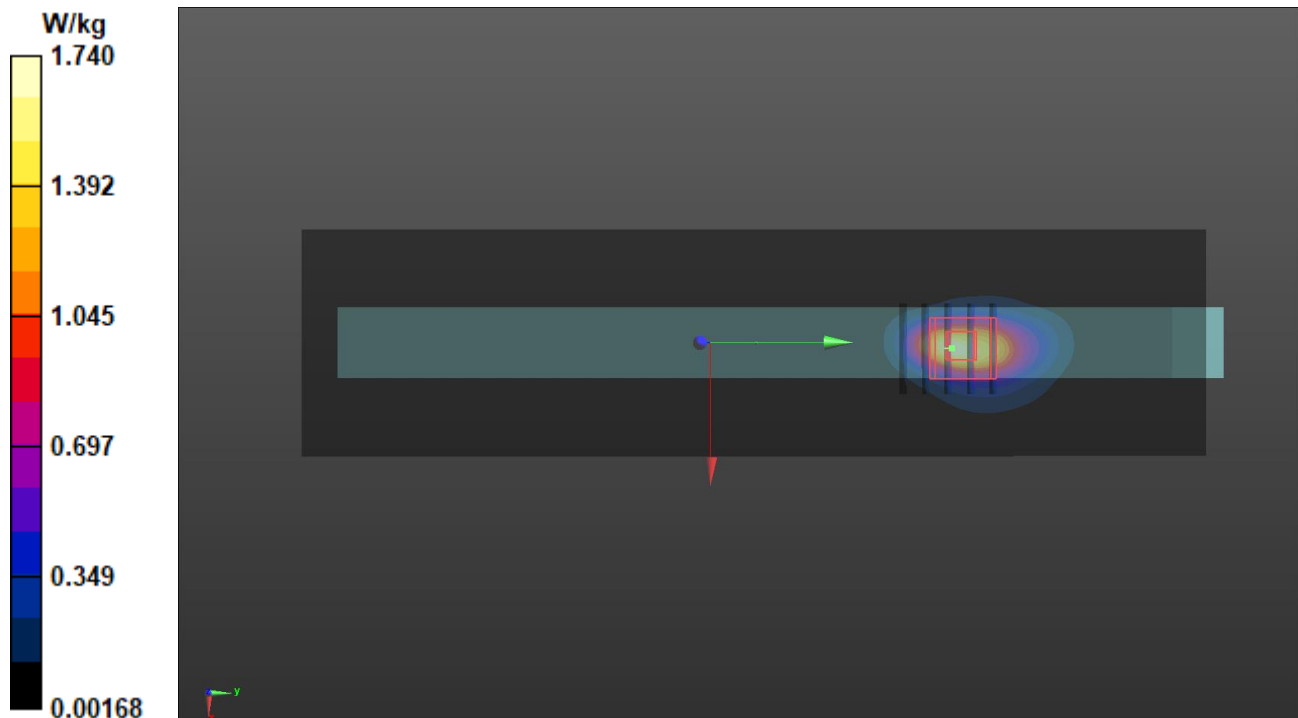
Peak SAR (extrapolated) = 2.02 W/kg

**SAR(1 g) = 1.06 W/kg; SAR(10 g) = 0.540 W/kg** (SAR corrected for target medium)

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

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

Maximum value of SAR (measured) = 1.64 W/kg



## Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/11/07

**P19 LTE 71\_QPSK10M\_Top Side\_0mm\_Ch133372\_1RB\_OS0\_Sample 1\_Ant 0\_Power Reduction\_w\_o**

**DUT: BFLF-WTW-P22110085**

Communication System: UID 10175 - CAH, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK); Frequency: 688 MHz; Duty Cycle: 1:3.74

Medium: H06T09N1\_1107 Medium parameters used:  $f = 688$  MHz;  $\sigma = 0.892$  S/m;  $\epsilon_r = 42.157$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(10.48, 10.48, 10.48) @ 688 MHz; Calibrated: 2022/07/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2022/07/19
- Phantom: ELI Phantom\_2118; Type: QD OVA 004 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (61x221x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

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

Reference Value = 31.88 V/m; Power Drift = -0.15 dB

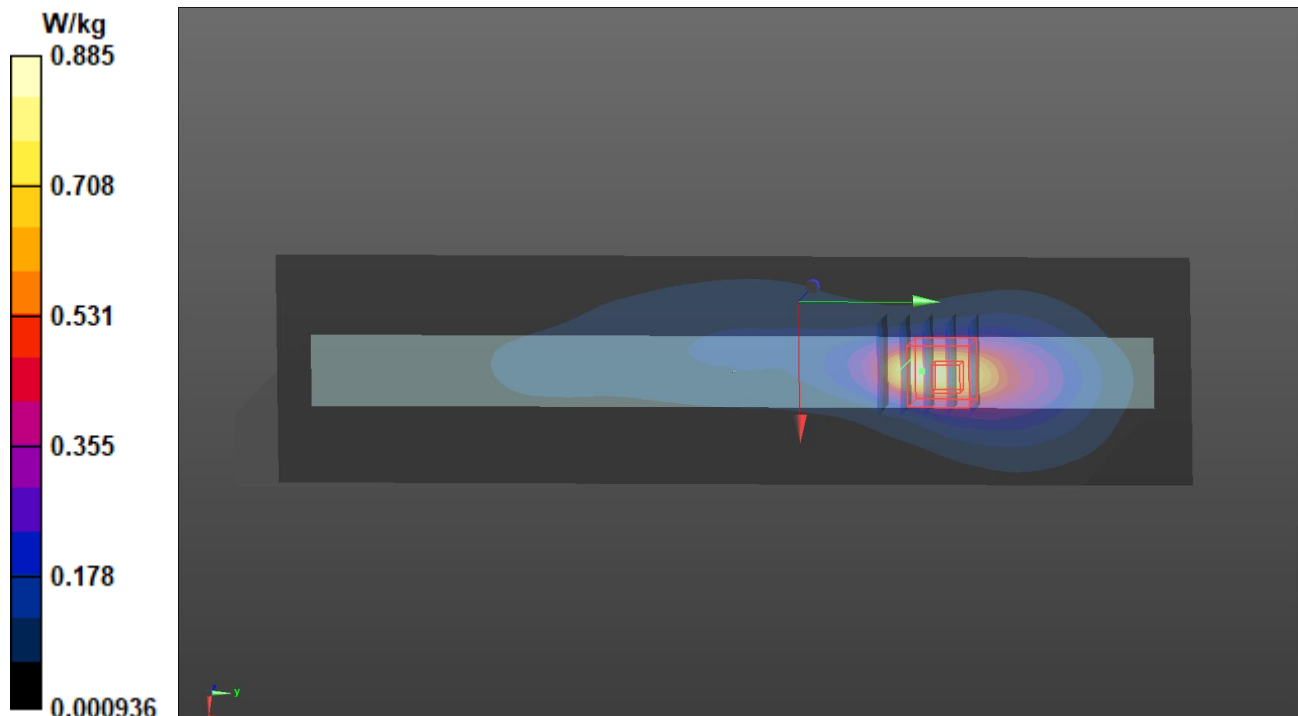
Peak SAR (extrapolated) = 1.13 W/kg

**SAR(1 g) = 0.490 W/kg; SAR(10 g) = 0.268 W/kg** (SAR corrected for target medium)

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

Ratio of SAR at M2 to SAR at M1 = 39.1%

Maximum value of SAR (measured) = 0.807 W/kg



## Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/11/09

### P20 WLAN2.4G\_802.11b\_Bottom of Laptop\_0mm\_Ch6\_Sample 1\_Ant 1

DUT: BFLF-WTW-P22110085

Communication System: UID 10012 - CAB, IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps); Frequency: 2437 MHz; Duty Cycle: 1:1.02

Medium: H19T27N4\_1109 Medium parameters used (interpolated):  $f = 2437$  MHz;  $\sigma = 1.785$  S/m;  $\epsilon_r = 37.938$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C ; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(7.98, 7.98, 7.98) @ 2437 MHz; Calibrated: 2022/01/25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2022/01/19
- Phantom: ELI Phantom\_1204; Type: QD OVA 002 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**Area Scan (71x291x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 1.90 W/kg

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

Reference Value = 22.90 V/m; Power Drift = -0.13 dB

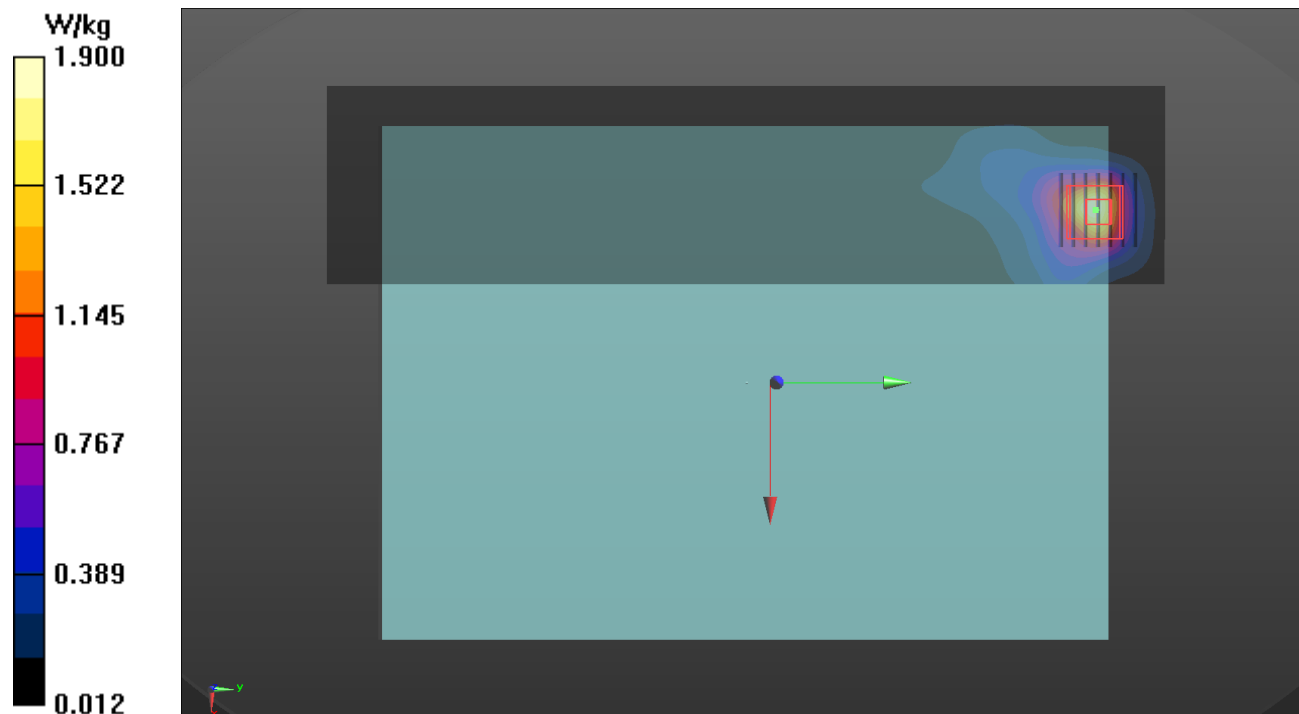
Peak SAR (extrapolated) = 2.54 W/kg

**SAR(1 g) = 1.11 W/kg; SAR(10 g) = 0.539 W/kg** (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 9.2 mm

Ratio of SAR at M2 to SAR at M1 = 43.5%

Maximum value of SAR (measured) = 1.87 W/kg





## Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/11/10

**P21 WLAN5.3G\_802.11ac VHT80\_Left Side\_0mm\_Ch58\_Sample 1\_Ant 0**

**DUT: BFLF-WTW-P22110085**

Communication System: UID 10544 - AAC, IEEE 802.11ac WiFi (80MHz, MCS0); Frequency: 5290 MHz; Duty Cycle: 1:1.02

Medium: H34T60N1\_1110 Medium parameters used:  $f = 5290$  MHz;  $\sigma = 4.691$  S/m;  $\epsilon_r = 35.851$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7696; ConvF(6, 6, 6) @ 5290 MHz; Calibrated: 2022/01/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1590; Calibrated: 2022/09/22
- Phantom: ELI Phantom\_1205; Type: QDOVA002AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**Area Scan (61x261x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 2.25 W/kg

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

Reference Value = 23.48 V/m; Power Drift = 0.11 dB

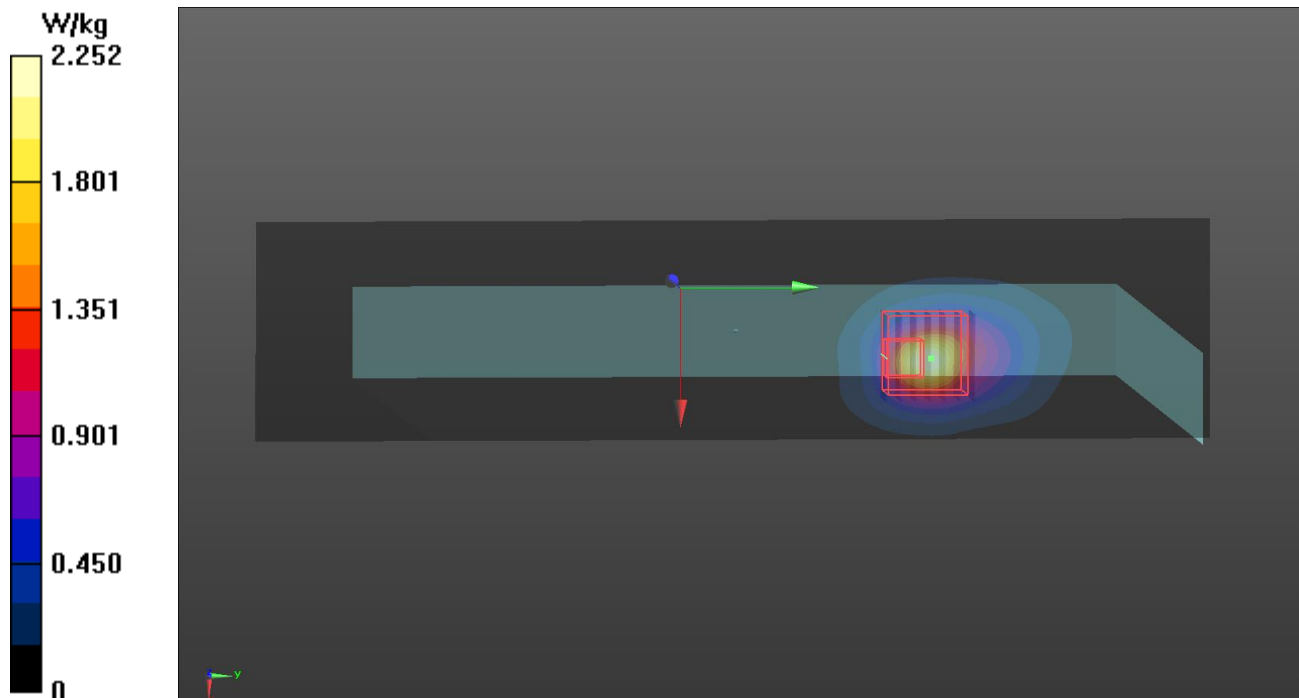
Peak SAR (extrapolated) = 6.20 W/kg

**SAR(1 g) = 1.15 W/kg; SAR(10 g) = 0.213 W/kg** (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 5.6 mm

Ratio of SAR at M2 to SAR at M1 = 62.8%

Maximum value of SAR (measured) = 3.58 W/kg



## Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/11/09

### P22 WLAN5.6G\_802.11ac VHT160\_Right Side\_0mm\_Ch138\_Sample 1\_Ant 1

DUT: BFLF-WTW-P22110085

Communication System: UID 10554 - AAD, IEEE 802.11ac WiFi (160MHz, MCS0); Frequency: 5690 MHz; Duty Cycle: 1:1.02

Medium: H34T60N4\_1109 Medium parameters used (interpolated):  $f = 5690$  MHz;  $\sigma = 5.097$  S/m;  $\epsilon_r = 36.704$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C ; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(4.85, 4.85, 4.85) @ 5690 MHz; Calibrated: 2022/01/25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2022/01/19
- Phantom: ELI Phantom\_1204; Type: QD OVA 002 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**Area Scan (81x261x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 1.69 W/kg

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

Reference Value = 15.85 V/m; Power Drift = -0.03 dB

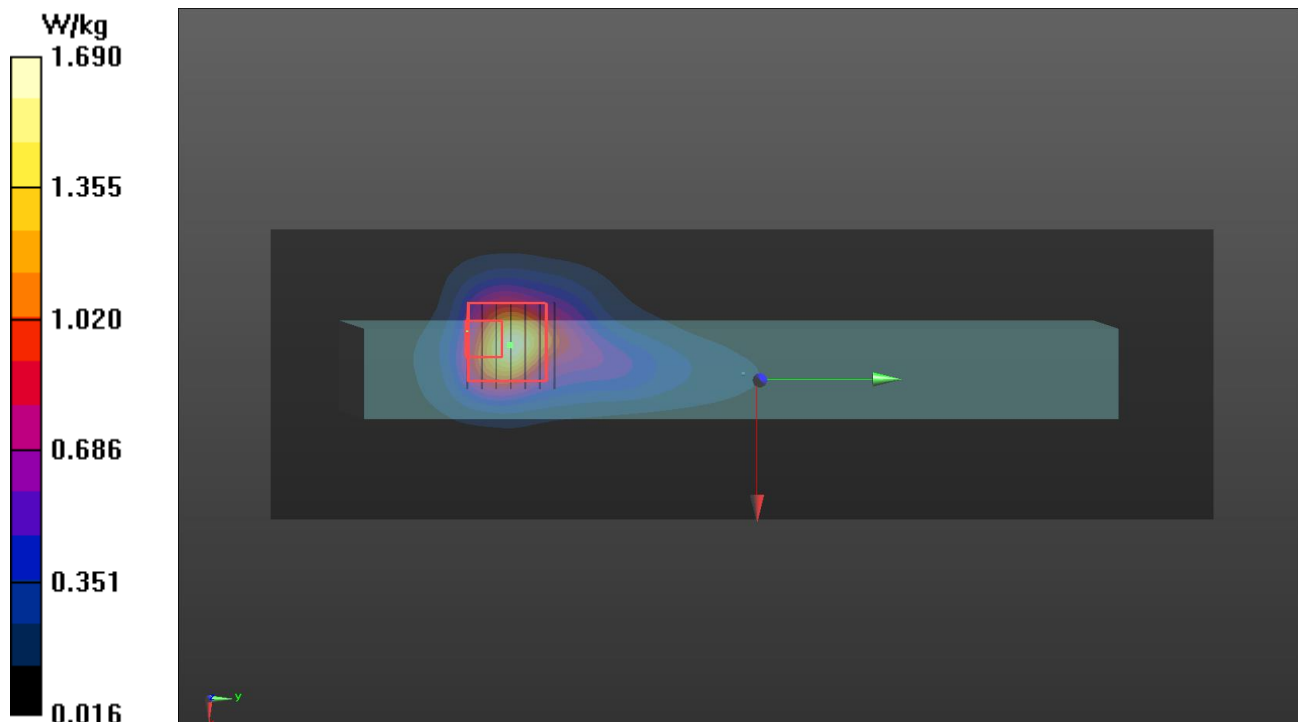
Peak SAR (extrapolated) = 5.38 W/kg

**SAR(1 g) = 1.12 W/kg; SAR(10 g) = 0.294 W/kg** (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 5.6 mm

Ratio of SAR at M2 to SAR at M1 = 64.8%

Maximum value of SAR (measured) = 2.96 W/kg



## Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/11/09

### P23 WLAN5.8G\_802.11ac VHT80\_Left Side\_0mm\_Ch155\_Sample 1\_Ant 0

DUT: BFLF-WTW-P22110085

Communication System: UID 10544 - AAC, IEEE 802.11ac WiFi (80MHz, MCS0); Frequency: 5775 MHz; Duty Cycle: 1:1.02

Medium: H34T60N4\_1109 Medium parameters used:  $f = 5775$  MHz;  $\sigma = 5.179$  S/m;  $\epsilon_r = 36.596$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C ; Liquid Temperature : 23.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(4.85, 4.85, 4.85) @ 5775 MHz; Calibrated: 2022/01/25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2022/01/19
- Phantom: ELI Phantom\_1204; Type: QD OVA 002 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**Area Scan (81x261x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 3.02 W/kg

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

Reference Value = 24.19 V/m; Power Drift = -0.08 dB

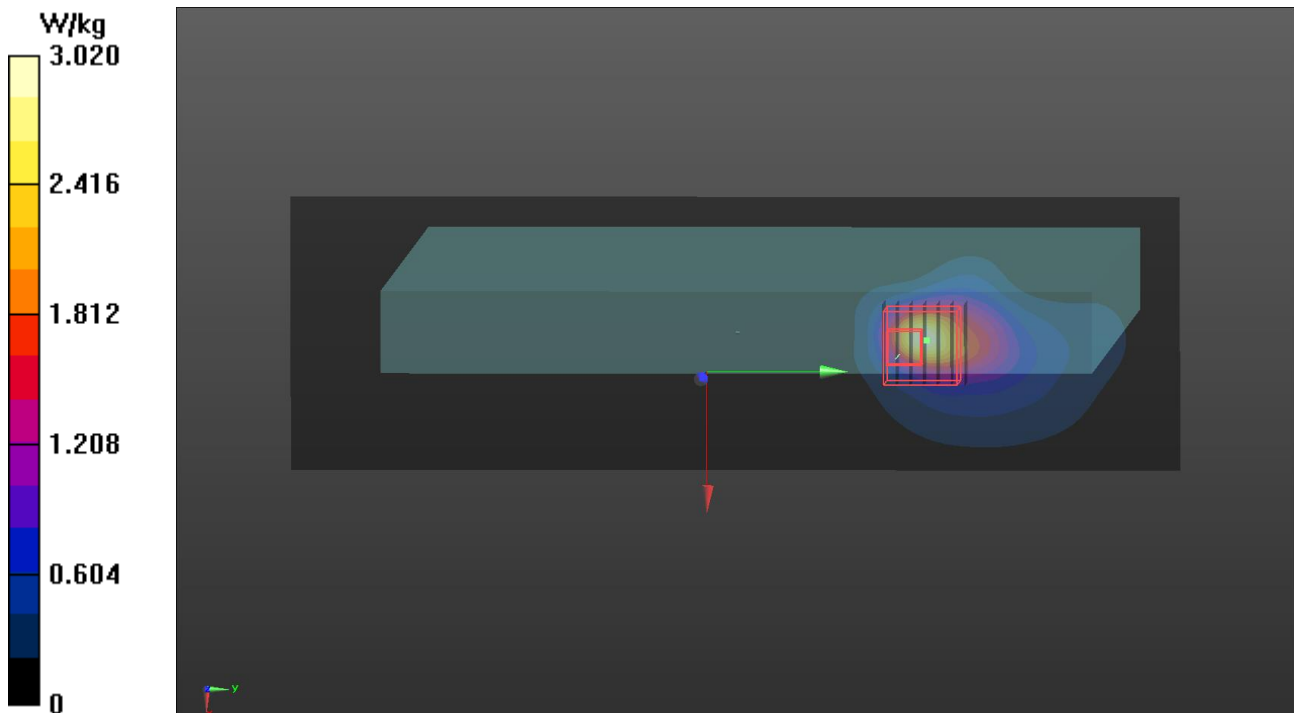
Peak SAR (extrapolated) = 4.90 W/kg

**SAR(1 g) = 1.14 W/kg; SAR(10 g) = 0.335 W/kg** (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 6.2 mm

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

Maximum value of SAR (measured) = 2.94 W/kg



## Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/11/25

**P24 BT\_BDR\_Bottom of Laptop\_0mm\_Ch39\_Sample 1\_Ant 1**

**DUT: BFLF-WTW-P22110086**

Communication System: UID 10032 - CAA, IEEE 802.15.1 Bluetooth (GFSK, DH5); Frequency: 2441 MHz; Duty Cycle: 1:1.3

Medium: H06T27N6\_1125 Medium parameters used:  $f = 2441$  MHz;  $\sigma = 1.846$  S/m;  $\epsilon_r = 39.364$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(7.5, 7.5, 7.5) @ 2441 MHz; Calibrated: 2022/7/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2022/7/19
- Phantom: ELI Phantom\_2105; Type: QD OVA 004 Ax; Serial: 2105
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**Area Scan (71x291x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

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

Reference Value = 10.05 V/m; Power Drift = 0.05 dB

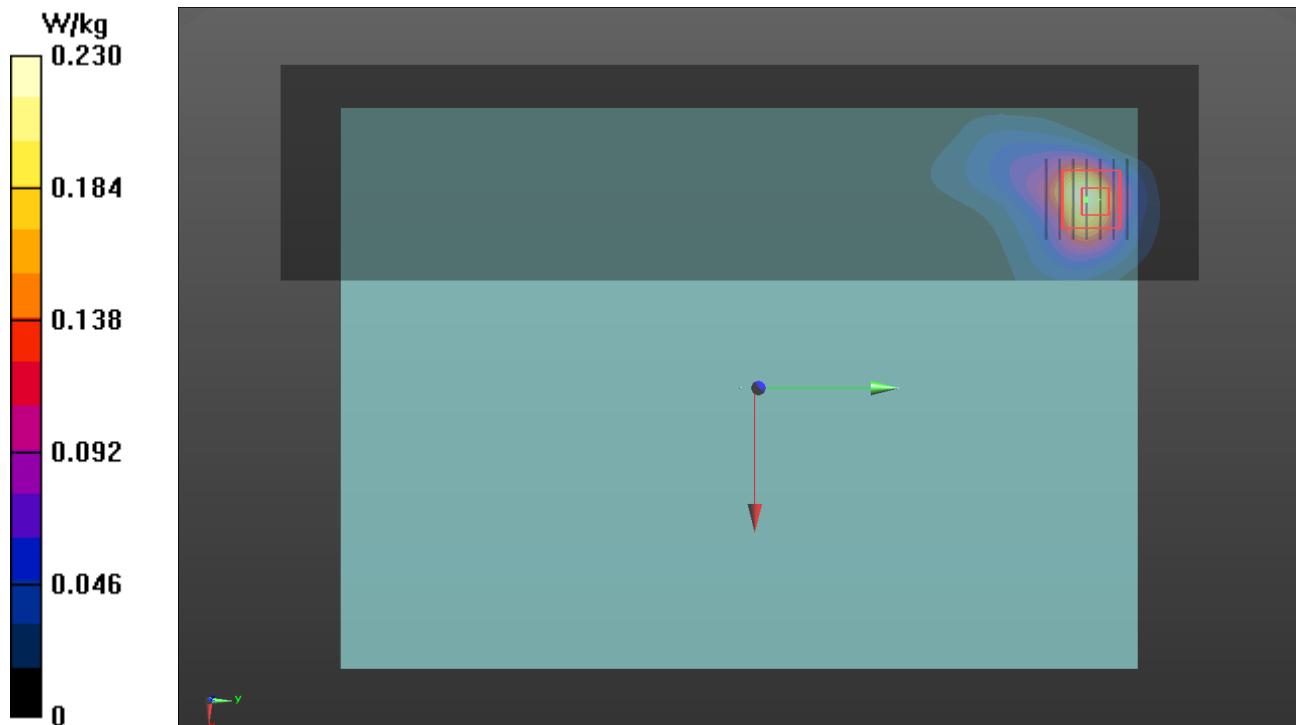
Peak SAR (extrapolated) = 0.327 W/kg

**SAR(1 g) = 0.144 W/kg; SAR(10 g) = 0.069 W/kg** (SAR corrected for target medium)

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

Ratio of SAR at M2 to SAR at M1 = 43.3%

Maximum value of SAR (measured) = 0.252 W/kg



## Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/11/10

### P25 WLAN2.4G\_802.11b\_Right Side\_0mm\_Ch6\_Sample 1\_Ant 1

DUT: BFLF-WTW-P22110085

Communication System: UID 10012 - CAB, IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps); Frequency: 2437 MHz; Duty Cycle: 1:1.03

Medium: H19T27N4\_1110 Medium parameters used (interpolated):  $f = 2437$  MHz;  $\sigma = 1.795$  S/m;  $\epsilon_r = 38.095$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(7.98, 7.98, 7.98) @ 2437 MHz; Calibrated: 2022/01/25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2022/01/19
- Phantom: ELI Phantom\_1204; Type: QD OVA 002 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**Area Scan (71x221x1):** Interpolated grid:  $dx=1.200$  mm,  $dy=1.200$  mm  
Maximum value of SAR (interpolated) = 0.816 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm  
Reference Value = 19.47 V/m; Power Drift = -0.03 dB

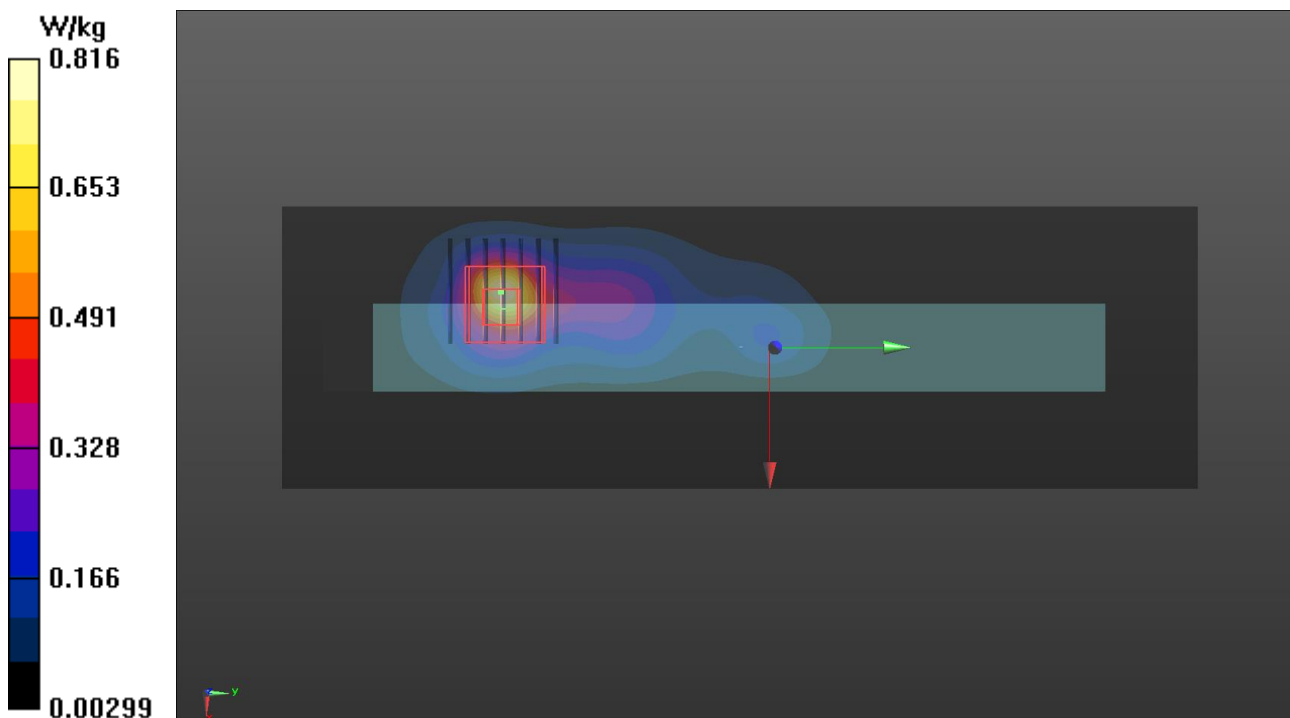
Peak SAR (extrapolated) = 3.02 W/kg

**SAR(1 g) = 1.09 W/kg; SAR(10 g) = 0.416 W/kg** (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 6 mm

Ratio of SAR at M2 to SAR at M1 = 37.8%

Maximum value of SAR (measured) = 2.22 W/kg



## Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/11/10

**P26 WLAN5.3G\_802.11n HT40\_Left Side\_0mm\_Ch54\_Sample 1\_Ant 0**

**DUT: BFLF-WTW-P22110086**

Communication System: UID 10599 - AAC, IEEE 802.11n (HT Mixed, 40MHz, MCS0); Frequency: 5270 MHz; Duty Cycle: 1:1.02

Medium: H34T60N4\_1110 Medium parameters used:  $f = 5270$  MHz;  $\sigma = 4.723$  S/m;  $\epsilon_r = 35.987$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(5.1, 5.1, 5.1) @ 5270 MHz; Calibrated: 2022/01/25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2022/01/19
- Phantom: ELI Phantom\_1204; Type: QD OVA 002 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**Area Scan (81x261x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

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

Reference Value = 21.27 V/m; Power Drift = -0.01 dB

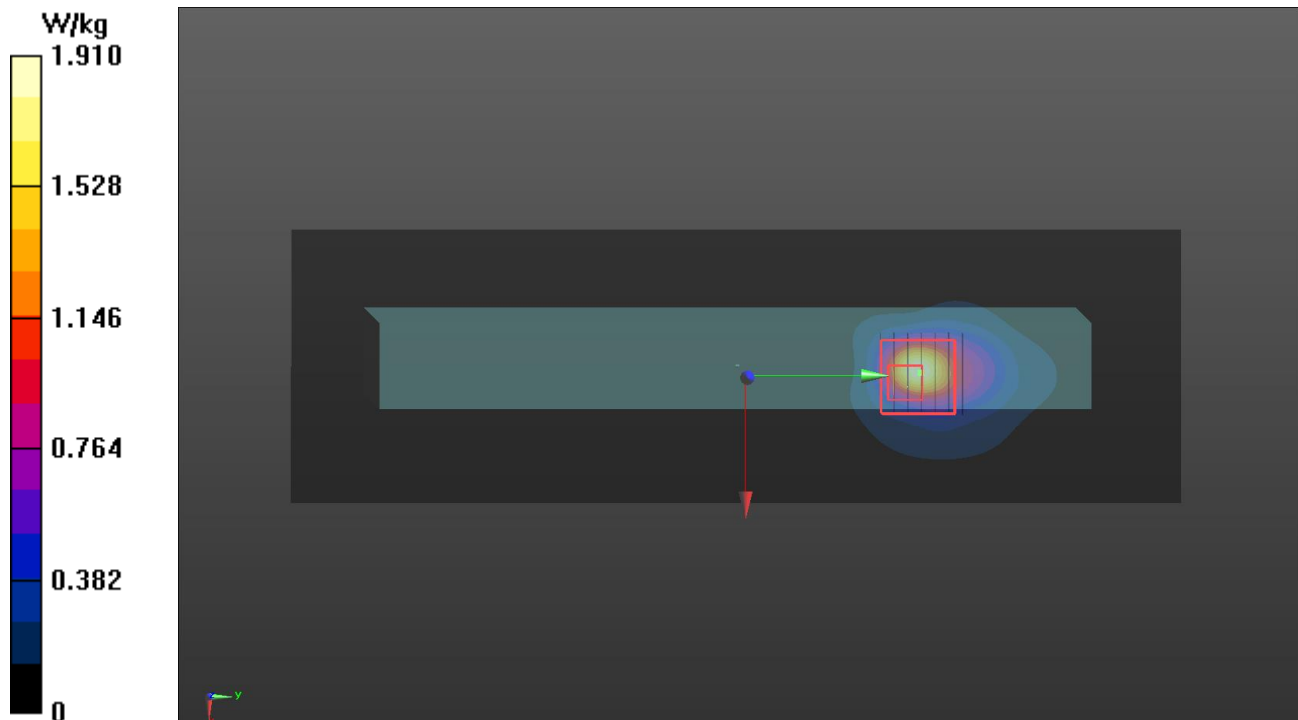
Peak SAR (extrapolated) = 4.77 W/kg

**SAR(1 g) = 1.11 W/kg; SAR(10 g) = 0.274 W/kg** (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 5.4 mm

Ratio of SAR at M2 to SAR at M1 = 65.8%

Maximum value of SAR (measured) = 2.94 W/kg



## Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/11/10

### P27 WLAN5.6G\_802.11ac VHT80\_Left Side\_0mm\_Ch138\_Sample 1\_Ant 0

DUT: BFLF-WTW-P22110085

Communication System: UID 10544 - AAC, IEEE 802.11ac WiFi (80MHz, MCS0); Frequency: 5690 MHz; Duty Cycle: 1:1.01

Medium: H34T60N4\_1110 Medium parameters used:  $f = 5690$  MHz;  $\sigma = 5.142$  S/m;  $\epsilon_r = 35.49$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(4.85, 4.85, 4.85) @ 5690 MHz; Calibrated: 2022/01/25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2022/01/19
- Phantom: ELI Phantom\_1204; Type: QD OVA 002 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**Area Scan (81x261x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 2.84 W/kg

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

Reference Value = 22.79 V/m; Power Drift = -0.13 dB

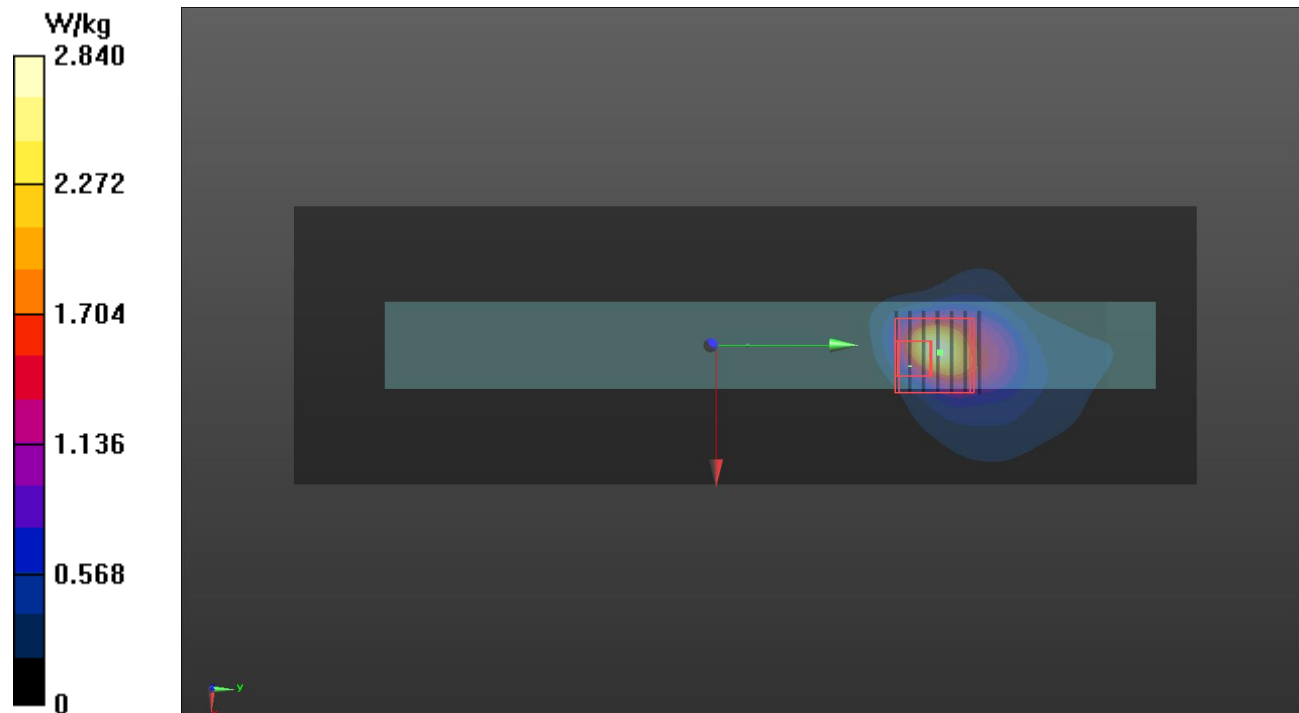
Peak SAR (extrapolated) = 4.76 W/kg

**SAR(1 g) = 1.12 W/kg; SAR(10 g) = 0.288 W/kg** (SAR corrected for target medium)

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

Ratio of SAR at M2 to SAR at M1 = 62.3%

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



## Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/11/10

**P28 WLAN5.8G\_802.11n HT40\_Left Side\_0mm\_Ch151\_Sample 1\_Ant 0**

**DUT: BFLF-WTW-P22110086**

Communication System: UID 10599 - AAC, IEEE 802.11n (HT Mixed, 40MHz, MCS0); Frequency: 5755 MHz; Duty Cycle: 1:1.02

Medium: H34T60N4\_1110 Medium parameters used:  $f = 5755$  MHz;  $\sigma = 5.237$  S/m;  $\epsilon_r = 35.486$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 23.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3971; ConvF(4.85, 4.85, 4.85) @ 5755 MHz; Calibrated: 2022/01/25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2022/01/19
- Phantom: ELI Phantom\_1204; Type: QD OVA 002 Ax;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**Area Scan (81x261x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 2.77 W/kg

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

Reference Value = 23.58 V/m; Power Drift = -0.09 dB

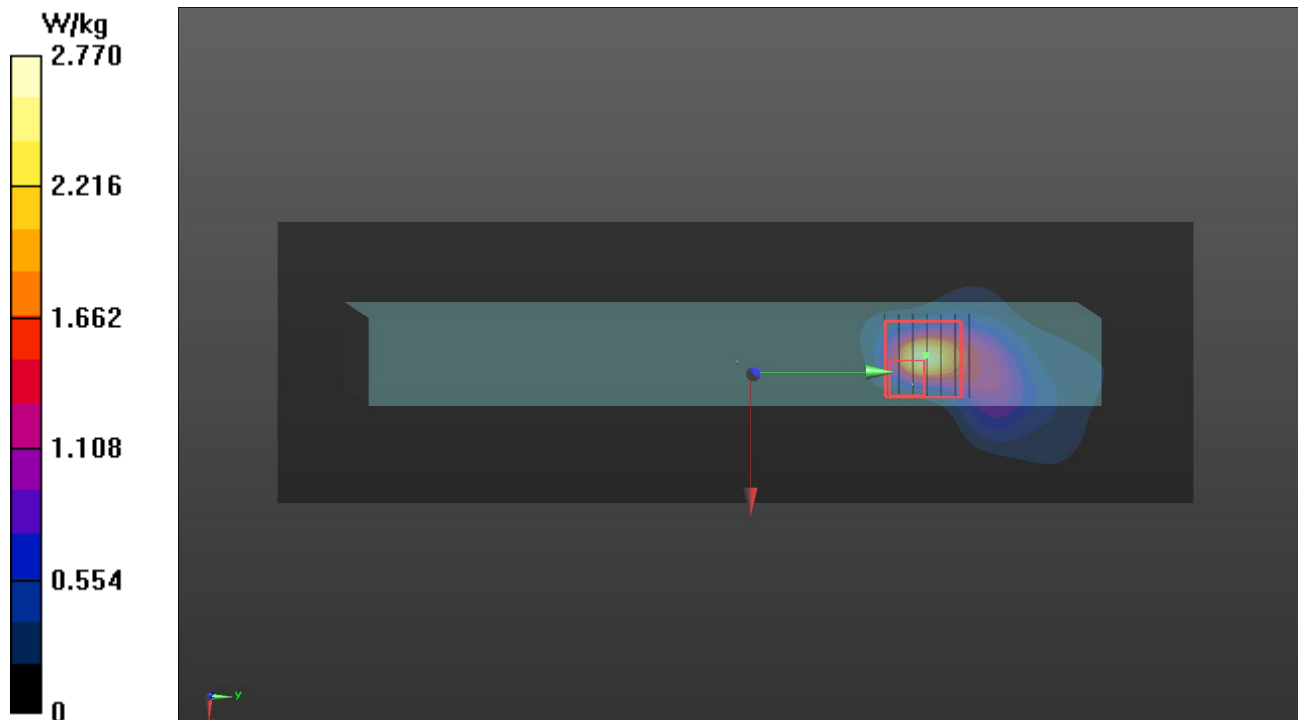
Peak SAR (extrapolated) = 4.99 W/kg

**SAR(1 g) = 1.16 W/kg; SAR(10 g) = 0.291 W/kg** (SAR corrected for target medium)

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

Ratio of SAR at M2 to SAR at M1 = 61.5%

Maximum value of SAR (measured) = 2.97 W/kg





## Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/11/25

### P29 BT\_BDR\_Bottom of Laptop\_0mm\_Ch78\_Sample 1\_Ant 1

DUT: BFLF-WTW-P22110086

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

Medium: H06T27N6\_1125 Medium parameters used:  $f = 2480$  MHz;  $\sigma = 1.876$  S/m;  $\epsilon_r = 39.301$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(7.5, 7.5, 7.5) @ 2480 MHz; Calibrated: 2022/7/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2022/7/19
- Phantom: ELI Phantom\_2105; Type: QD OVA 004 Ax; Serial: 2105
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**Area Scan (71x291x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.327 W/kg

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

Reference Value = 13.69 V/m; Power Drift = -0.04 dB

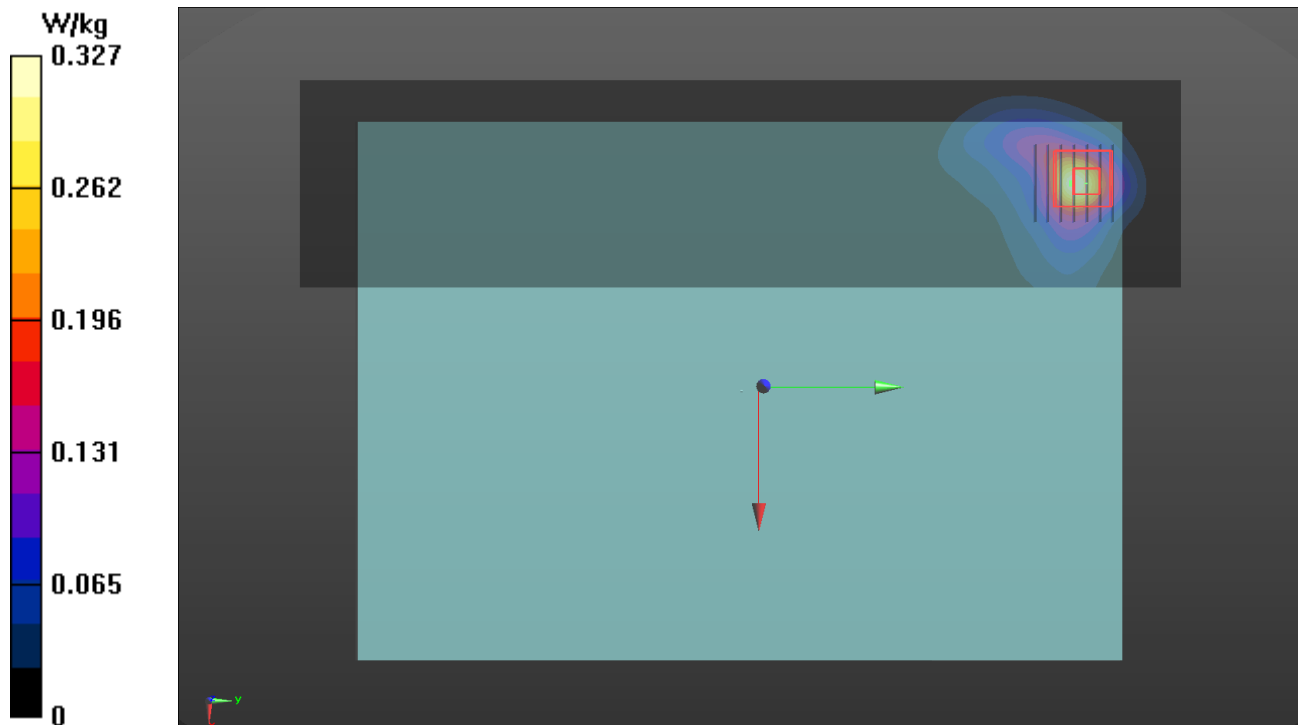
Peak SAR (extrapolated) = 0.459 W/kg

**SAR(1 g) = 0.203 W/kg; SAR(10 g) = 0.095 W/kg** (SAR corrected for target medium)

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

Ratio of SAR at M2 to SAR at M1 = 44.2%

Maximum value of SAR (measured) = 0.355 W/kg





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

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



<b>WCDMA Max. Tune-up Power (Full)_Laptop&amp;Tablet</b>		
<b>Mode</b>	<b>RMC 12.2K</b>	<b>HSDPA DC-HSDPA HSUPA</b>
	<b>Maximum Target Power</b>	<b>Maximum Target Power</b>
WCDMA Band II	24.5	24.5
WCDMA Band IV	24.5	24.5
WCDMA Band V	24.5	24.5



<b>LTE Max. Tune-up Power (Full)_Laptop&amp;Tablet</b>		
<b>Mode</b>	<b>QPSK</b>	<b>16QAM</b>
	<b>Maximum Target Power</b>	<b>Maximum Target Power</b>
LTE 2	24.0	23.0
LTE 4	24.0	23.0
LTE 5	25.0	24.0
LTE 7	24.0	23.0
LTE 12	25.0	24.0
LTE 13	25.0	24.0
LTE 14	25.0	24.0
LTE 17	25.0	24.0
LTE 25	24.0	23.0
LTE 26	25.0	24.0
LTE 30	23.0	22.0
LTE 38	24.0	23.0
LTE 41	24.0	23.0
LTE 48	22.0	21.0
LTE 66	24.0	23.0
LTE 71	25.0	24.0



<b>WCDMA Max. Tune-up Power (Reduction)_Tablet</b>		
<b>Mode</b>	<b>RMC 12.2K</b>	<b>HSDPA DC-HSDPA HSUPA</b>
	<b>Maximum Target Power</b>	<b>Maximum Target Power</b>
WCDMA Band IV	19.5	19.5



<b>LTE Max. Tune-up Power (Reduction) Tablet</b>		
<b>Mode</b>	<b>QPSK</b>	<b>16QAM</b>
	<b>Maximum Target Power</b>	<b>Maximum Target Power</b>
LTE 4	19.0	18.0
LTE 7	20.5	19.5
LTE 38	22.0	21.0
LTE 41	22.5	21.5
LTE 66	19.0	18.0

**Tune-up Power (AX201NGW\_Full)**
**WLAN 2.4GHz**

Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up	MIMO Ant 0 Tune up	MIMO Ant 1 Tune up	MIMO Ant 0+1 Max Tune up
802.11b	1	2412	19.50	18.00			
	6	2437	20.00	18.00			
	11	2462	19.50	18.00			
	12	2467	18.50	18.00			
	13	2472	15.50	15.50			
802.11g	1	2412	17.00	17.00			
	6	2437	19.75	18.00			
	11	2462	16.25	16.50			
	12	2467	15.00	15.00			
	13	2472	2.00	1.50			
802.11n HT20	1	2412	17.00	17.00	14.00	14.00	17.00
	6	2437	19.75	18.00	17.50	17.50	20.50
	11	2462	16.00	16.50	13.75	13.75	16.75
	12	2467	15.00	15.00	12.50	12.50	15.50
	13	2472	2.00	1.50	-1.00	-1.00	2.00
802.11n HT40	3	2422	16.50	16.50	13.75	13.75	16.75
	6	2437	17.50	17.50	15.50	15.50	18.50
	9	2452	16.00	16.00	13.50	13.50	16.50
	10	2457	12.25	12.00	9.75	9.75	12.75
	11	2462	5.00	5.00	2.00	2.00	5.00
802.11ax HE20	1	2412	17.00	17.00	14.00	14.00	17.00
	6	2437	19.75	18.00	17.50	17.50	20.50
	11	2462	16.00	16.00	13.75	13.75	16.75
	12	2467	15.00	15.00	12.50	12.50	15.50
	13	2472	2.00	1.50	-1.00	-1.00	2.00
802.11ax HE40	3	2422	16.50	16.50	13.75	13.75	16.75
	6	2437	16.50	16.50	15.50	15.50	18.50
	9	2452	16.00	16.00	13.50	13.50	16.50
	10	2457	12.25	12.00	9.75	9.75	12.75
	11	2462	5.50	4.50	3.00	3.00	6.00



Tune-up Power (AX201NGW\_Full)

Bluetooth

Mode	Channel	Frequency	SISO Ant 1 Max Tune up
BDR	0	2402	10.0
	39	2441	10.0
	78	2480	10.0
LE	0	2402	7.0
	19	2440	7.0
	39	2480	7.0



**Tune-up Power (AX201NGW\_Full)**
**WLAN 5.2GHz**

Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up	MIMO Ant 0 Tune up	MIMO Ant 1 Tune up	MIMO Ant 0+1 Max Tune up
802.11a	36	5180	18.0	15.0			
	40	5200	20.0	15.0			
	44	5220	20.0	15.0			
	48	5240	20.0	15.0			
802.11n HT20	36	5180	18.5	15.0	15.0	15.0	18.0
	40	5200	20.0	15.0	15.0	15.0	18.0
	44	5220	20.0	15.0	15.0	15.0	18.0
	48	5240	19.5	15.0	15.0	15.0	18.0
802.11n HT40	38	5190	18.0	15.0	15.0	15.0	18.0
	46	5230	19.5	15.0	15.0	15.0	18.0
802.11ac VHT80	42	5210	18.0	15.0	15.0	15.0	18.0
802.11ax HE20	36	5180	18.0	15.0	15.0	15.0	18.0
	40	5200	20.0	15.0	15.0	15.0	18.0
	44	5220	20.0	15.0	15.0	15.0	18.0
	48	5240	20.0	15.0	15.0	15.0	18.0
802.11ax HE40	38	5190	18.0	15.0	15.0	15.0	18.0
	46	5230	19.5	15.0	15.0	15.0	18.0
802.11ax HE80	42	5210	18.0	15.0	15.0	15.0	18.0

**Tune-up Power (AX201NGW\_Full)**
**WLAN 5.3GHz**

Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up	MIMO Ant 0 Tune up	MIMO Ant 1 Tune up	MIMO Ant 0+1 Max Tune up
802.11a	52	5260	20.00	15.00			
	56	5280	20.00	15.00			
	60	5300	19.50	15.00			
	64	5320	17.25	15.00			
802.11n HT20	52	5260	20.00	15.00	15.00	15.00	18.00
	56	5280	20.00	15.00	15.00	15.00	18.00
	60	5300	19.50	15.00	15.00	15.00	18.00
	64	5320	17.25	15.00	13.50	13.50	16.50
802.11n HT40	54	5270	20.00	15.00	15.00	15.00	18.00
	62	5310	16.50	15.00	13.00	13.00	16.00
802.11ac VHT80	58	5290	17.50	15.00	14.00	14.00	17.00
802.11ac VHT160	50	5250	14.75	15.00	12.00	12.00	15.00
802.11ax HE20	52	5260	20.00	15.00	15.00	15.00	18.00
	56	5280	20.00	15.00	15.00	15.00	18.00
	60	5300	19.50	15.00	15.00	15.00	18.00
	64	5320	17.25	15.00	13.50	13.50	16.50
802.11ax HE40	54	5270	20.00	15.00	15.00	15.00	18.00
	62	5310	16.50	15.00	13.00	13.00	16.00
802.11ax HE80	58	5290	17.50	15.00	14.00	14.00	17.00
802.11ax HE160	50	5250	14.75	15.00	12.00	12.00	15.00

**Tune-up Power (AX201NGW\_Full)**
**WLAN 5.6GHz**

Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up	MIMO Ant 0 Tune up	MIMO Ant 1 Tune up	MIMO Ant 0+1 Max Tune up
802.11a	100	5500	17.50	15.00			
	116	5580	20.00	15.00			
	120	5600	20.00	15.00			
	124	5620	20.00	15.00			
	132	5660	20.00	15.00			
	140	5700	17.75	15.00			
	144	5720	20.00	15.00			
802.11n HT20	100	5500	17.50	15.00	14.00	14.00	17.00
	116	5580	20.00	15.00	15.00	15.00	18.00
	120	5600	20.00	15.00	15.00	15.00	18.00
	124	5620	20.00	15.00	15.00	15.00	18.00
	132	5660	20.00	15.00	15.00	15.00	18.00
	140	5700	17.75	15.00	14.50	14.50	17.50
	144	5720	19.50	15.00	15.00	15.00	18.00
802.11n HT40	102	5510	17.75	15.00	14.00	14.00	17.00
	110	5550	20.00	15.00	15.00	15.00	18.00
	118	5590	20.00	15.00	15.00	15.00	18.00
	126	5630	20.00	15.00	15.00	15.00	18.00
	134	5670	19.00	15.00	15.00	15.00	18.00
	142	5710	20.00	15.00	15.00	15.00	18.00
	106	5530	17.75	15.00	15.00	15.00	18.00
802.11ac VHT80	122	5610	19.50	15.00	15.00	15.00	18.00
	138	5690	20.00	15.00	15.00	15.00	18.00
802.11ac VHT160	114	5570	14.50	14.50	12.00	12.00	15.00
802.11ax HE20	100	5500	17.50	15.00	14.00	14.00	17.00
	116	5580	20.00	15.00	15.00	15.00	18.00
	120	5600	20.00	15.00	15.00	15.00	18.00
	124	5620	20.00	15.00	15.00	15.00	18.00
	132	5660	20.00	15.00	15.00	15.00	18.00
	140	5700	17.75	15.00	14.00	14.00	17.00
	144	5720	20.00	15.00	15.00	15.00	18.00
802.11ax HE40	102	5510	17.75	15.00	14.00	14.00	17.00
	110	5550	20.00	15.00	15.00	15.00	18.00
	118	5590	20.00	15.00	15.00	15.00	18.00
	126	5630	20.00	15.00	15.00	15.00	18.00
	134	5670	19.00	15.00	15.00	15.00	18.00
	142	5710	20.00	15.00	15.00	15.00	18.00
	106	5530	17.50	15.00	15.00	15.00	18.00
802.11ax HE80	122	5610	19.50	15.00	15.00	15.00	18.00
	138	5690	20.00	15.00	15.00	15.00	18.00
802.11ax HE160	114	5570	14.50	14.50	12.00	12.00	15.00

**Tune-up Power (AX201NGW\_Full)**
**WLAN 5.8GHz**

Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up	MIMO Ant 0 Tune up	MIMO Ant 1 Tune up	MIMO Ant 0+1 Max Tune up
802.11a	149	5745	20.0	15.0			
	153	5765	20.0	15.0			
	157	5785	20.0	15.0			
	161	5805	20.0	15.0			
	165	5825	20.0	15.0			
802.11n HT20	149	5745	20.0	15.0	15.0	15.0	18.0
	153	5765	20.0	15.0	15.0	15.0	18.0
	157	5785	20.0	15.0	15.0	15.0	18.0
	161	5805	20.0	15.0	15.0	15.0	18.0
	165	5825	20.0	15.0	15.0	15.0	18.0
802.11n HT40	151	5755	20.0	15.0	15.0	15.0	18.0
	159	5795	20.0	15.0	15.0	15.0	18.0
802.11ac VHT80	155	5775	19.0	15.0	15.0	15.0	18.0
802.11ax HE20	149	5745	20.0	15.0	15.0	15.0	18.0
	153	5765	20.0	15.0	15.0	15.0	18.0
	157	5785	20.0	15.0	15.0	15.0	18.0
	161	5805	20.0	15.0	15.0	15.0	18.0
	165	5825	20.0	15.0	15.0	15.0	18.0
802.11ax HE40	151	5755	20.0	15.0	15.0	15.0	18.0
	159	5795	20.0	15.0	15.0	15.0	18.0
802.11ax HE80	155	5775	19.0	15.0	15.0	15.0	18.0

Tune-up Power (AX201NGW_Reduction)							
WLAN 2.4GHz							
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up	MIMO Ant 0 Tune up	MIMO Ant 1 Tune up	MIMO Ant 0+1 Max Tune up
802.11b	1	2412	19.50	16.00			
	6	2437	20.00	16.00			
	11	2462	19.50	16.00			
	12	2467	18.50	16.00			
	13	2472	15.50	15.50			
802.11g	1	2412	17.00	16.00			
	6	2437	19.75	16.00			
	11	2462	16.25	16.00			
	12	2467	15.00	15.00			
	13	2472	2.00	1.50			
802.11n HT20	1	2412	17.00	16.00	14.00	14.00	17.00
	6	2437	19.75	16.00	16.00	16.00	19.00
	11	2462	16.00	16.00	13.75	13.75	16.75
	12	2467	15.00	15.00	12.50	12.50	15.50
	13	2472	2.00	1.50	-1.00	-1.00	2.00
802.11n HT40	3	2422	16.50	16.00	13.75	13.75	16.75
	6	2437	17.50	16.00	15.50	15.50	18.50
	9	2452	16.00	16.00	13.50	13.50	16.50
	10	2457	12.25	12.00	9.75	9.75	12.75
	11	2462	5.00	5.00	2.00	2.00	5.00
802.11ax HE20	1	2412	17.00	16.00	14.00	14.00	17.00
	6	2437	19.75	16.00	16.00	16.00	19.00
	11	2462	16.00	16.00	13.75	13.75	16.75
	12	2467	15.00	15.00	12.50	12.50	15.50
	13	2472	2.00	1.50	-1.00	-1.00	2.00
802.11ax HE40	3	2422	16.50	16.00	13.75	13.75	16.75
	6	2437	16.50	16.00	15.50	15.50	18.50
	9	2452	16.00	16.00	13.50	13.50	16.50
	10	2457	12.25	12.00	9.75	9.75	12.75
	11	2462	5.50	4.50	3.00	3.00	6.00



Tune-up Power (AX201NGW\_Reduction)

Bluetooth

Mode	Channel	Frequency	SISO Ant 1 Max Tune up
BDR	0	2402	10.0
	39	2441	10.0
	78	2480	10.0
LE	0	2402	7.0
	19	2440	7.0
	39	2480	7.0



Tune-up Power (AX201NGW\_Reduction)

WLAN 5.2GHz

Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up	MIMO Ant 0 Tune up	MIMO Ant 1 Tune up	MIMO Ant 0+1 Max Tune up
802.11a	36	5180	16.0	11.0			
	40	5200	16.0	11.0			
	44	5220	16.0	11.0			
	48	5240	16.0	11.0			
802.11n HT20	36	5180	16.0	11.0	11.0	11.0	14.0
	40	5200	16.0	11.0	11.0	11.0	14.0
	44	5220	16.0	11.0	11.0	11.0	14.0
	48	5240	16.0	11.0	11.0	11.0	14.0
802.11n HT40	38	5190	16.0	11.0	11.0	11.0	14.0
	46	5230	16.0	11.0	11.0	11.0	14.0
802.11ac VHT80	42	5210	16.0	11.0	11.0	11.0	14.0
802.11ax HE20	36	5180	16.0	11.0	11.0	11.0	14.0
	40	5200	16.0	11.0	11.0	11.0	14.0
	44	5220	16.0	11.0	11.0	11.0	14.0
	48	5240	16.0	11.0	11.0	11.0	14.0
802.11ax HE40	38	5190	16.0	11.0	11.0	11.0	14.0
	46	5230	16.0	11.0	11.0	11.0	14.0
802.11ax HE80	42	5210	16.0	11.0	11.0	11.0	14.0



Tune-up Power (AX201NGW_Reduction)							
WLAN 5.3GHz							
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up	MIMO Ant 0 Tune up	MIMO Ant 1 Tune up	MIMO Ant 0+1 Max Tune up
802.11a	52	5260	16.00	11.00			
	56	5280	16.00	11.00			
	60	5300	16.00	11.00			
	64	5320	16.00	11.00			
802.11n HT20	52	5260	16.00	11.00	11.00	11.00	14.00
	56	5280	16.00	11.00	11.00	11.00	14.00
	60	5300	16.00	11.00	11.00	11.00	14.00
	64	5320	16.00	11.00	11.00	11.00	14.00
802.11n HT40	54	5270	16.00	11.00	11.00	11.00	14.00
	62	5310	16.00	11.00	11.00	11.00	14.00
802.11ac VHT80	58	5290	16.00	11.00	11.00	11.00	14.00
802.11ac VHT160	50	5250	14.75	11.00	11.00	11.00	14.00
802.11ax HE20	52	5260	16.00	11.00	11.00	11.00	14.00
	56	5280	16.00	11.00	11.00	11.00	14.00
	60	5300	16.00	11.00	11.00	11.00	14.00
	64	5320	16.00	11.00	11.00	11.00	14.00
802.11ax HE40	54	5270	16.00	11.00	11.00	11.00	14.00
	62	5310	16.00	11.00	11.00	11.00	14.00
802.11ax HE80	58	5290	16.00	11.00	11.00	11.00	14.00
802.11ax HE160	50	5250	14.75	11.00	11.00	11.00	14.00



Tune-up Power (AX201NGW_Reduction)							
WLAN 5.6GHz							
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up	MIMO Ant 0 Tune up	MIMO Ant 1 Tune up	MIMO Ant 0+1 Max Tune up
802.11a	100	5500	15.0	13.0			
	116	5580	15.0	13.0			
	120	5600	15.0	13.0			
	124	5620	15.0	13.0			
	132	5660	15.0	13.0			
	140	5700	15.0	13.0			
	144	5720	15.0	13.0			
802.11n HT20	100	5500	15.0	13.0	13.0	13.0	16.0
	116	5580	15.0	13.0	13.0	13.0	16.0
	120	5600	15.0	13.0	13.0	13.0	16.0
	124	5620	15.0	13.0	13.0	13.0	16.0
	132	5660	15.0	13.0	13.0	13.0	16.0
	140	5700	15.0	13.0	13.0	13.0	16.0
	144	5720	15.0	13.0	13.0	13.0	16.0
802.11n HT40	102	5510	15.0	13.0	13.0	13.0	16.0
	110	5550	15.0	13.0	13.0	13.0	16.0
	118	5590	15.0	13.0	13.0	13.0	16.0
	126	5630	15.0	13.0	13.0	13.0	16.0
	134	5670	15.0	13.0	13.0	13.0	16.0
	142	5710	15.0	13.0	13.0	13.0	16.0
802.11ac VHT80	106	5530	15.0	13.0	13.0	13.0	16.0
	122	5610	15.0	13.0	13.0	13.0	16.0
	138	5690	15.0	13.0	13.0	13.0	16.0
802.11ac VHT160	114	5570	14.5	13.0	12.0	12.0	15.0
802.11ax HE20	100	5500	15.0	13.0	13.0	13.0	16.0
	116	5580	15.0	13.0	13.0	13.0	16.0
	120	5600	15.0	13.0	13.0	13.0	16.0
	124	5620	15.0	13.0	13.0	13.0	16.0
	132	5660	15.0	13.0	13.0	13.0	16.0
	140	5700	15.0	13.0	13.0	13.0	16.0
	144	5720	15.0	13.0	13.0	13.0	16.0
802.11ax HE40	102	5510	15.0	13.0	13.0	13.0	16.0
	110	5550	15.0	13.0	13.0	13.0	16.0
	118	5590	15.0	13.0	13.0	13.0	16.0
	126	5630	15.0	13.0	13.0	13.0	16.0
	134	5670	15.0	13.0	13.0	13.0	16.0
	142	5710	15.0	13.0	13.0	13.0	16.0
802.11ax HE80	106	5530	15.0	13.0	13.0	13.0	16.0
	122	5610	15.0	13.0	13.0	13.0	16.0
	138	5690	15.0	13.0	13.0	13.0	16.0
802.11ax HE160	114	5570	14.5	13.0	12.0	12.0	15.0

Tune-up Power (AX201NGW_Reduction)							
WLAN 5.8GHz							
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up	MIMO Ant 0 Tune up	MIMO Ant 1 Tune up	MIMO Ant 0+1 Max Tune up
802.11a	149	5745	15.0	13.5			
	153	5765	15.0	13.5			
	157	5785	15.0	13.5			
	161	5805	15.0	13.5			
	165	5825	15.0	13.5			
802.11n HT20	149	5745	15.0	13.5	13.5	13.5	16.5
	153	5765	15.0	13.5	13.5	13.5	16.5
	157	5785	15.0	13.5	13.5	13.5	16.5
	161	5805	15.0	13.5	13.5	13.5	16.5
	165	5825	15.0	13.5	13.5	13.5	16.5
802.11n HT40	151	5755	15.0	13.5	13.5	13.5	16.5
	159	5795	15.0	13.5	13.5	13.5	16.5
802.11ac VHT80	155	5775	15.0	13.5	13.5	13.5	16.5
802.11ax HE20	149	5745	15.0	13.5	13.5	13.5	16.5
	153	5765	15.0	13.5	13.5	13.5	16.5
	157	5785	15.0	13.5	13.5	13.5	16.5
	161	5805	15.0	13.5	13.5	13.5	16.5
	165	5825	15.0	13.5	13.5	13.5	16.5
802.11ax HE40	151	5755	15.0	13.5	13.5	13.5	16.5
	159	5795	15.0	13.5	13.5	13.5	16.5
802.11ax HE80	155	5775	15.0	13.5	13.5	13.5	16.5

Tune-up Power (9462NGW_Full)				
WLAN 2.4GHz				
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up
802.11b	1	2412	17.50	17.25
	6	2437	20.00	18.00
	11	2462	19.00	18.00
	12	2467	16.50	16.00
	13	2472	14.25	14.00
802.11g	1	2412	15.25	15.25
	6	2437	18.25	18.00
	11	2462	15.00	15.00
	12	2467	12.50	12.25
	13	2472	-6.25	-6.25
802.11n HT20	1	2412	15.25	15.25
	6	2437	18.25	18.00
	11	2462	15.00	15.00
	12	2467	12.50	12.25
	13	2472	-6.25	-6.25
802.11n HT40	3	2422	13.50	13.50
	6	2437	14.25	14.25
	9	2452	13.00	13.00
	10	2457	10.00	10.25
	11	2462	1.50	2.50



Tune-up Power (9462NGW_Full)			
Bluetooth			
Mode	Channel	Frequency	SISO Ant 1 Max Tune up
BDR	0	2402	11.0
	39	2441	11.0
	78	2480	11.0
LE	0	2402	9.0
	19	2440	9.0
	39	2480	9.0

Tune-up Power (9462NGW_Full)				
WLAN 5.2GHz				
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up
802.11a	36	5180	15.75	15.00
	40	5200	18.50	15.00
	44	5220	20.00	15.00
	48	5240	19.00	15.00
802.11n HT20	36	5180	15.75	15.00
	40	5200	18.50	15.00
	44	5220	20.00	15.00
	48	5240	19.00	15.00
802.11n HT40	38	5190	14.00	13.75
	46	5230	15.50	14.50
802.11ac VHT80	42	5210	11.50	13.00

Tune-up Power (9462NGW_Full)				
WLAN 5.3GHz				
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up
802.11a	52	5260	19.5	15.0
	56	5280	18.0	15.0
	60	5300	18.0	15.0
	64	5320	14.0	14.0
802.11n HT20	52	5260	19.5	15.0
	56	5280	18.0	15.0
	60	5300	18.0	15.0
	64	5320	14.0	14.0
802.11n HT40	54	5270	16.0	15.0
	62	5310	11.0	11.0
802.11ac VHT80	58	5290	12.0	12.0

Tune-up Power (9462NGW_Full)				
WLAN 5.6GHz				
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up
802.11a	100	5500	17.75	15.00
	116	5580	20.00	15.00
	120	5600	20.00	15.00
	124	5620	20.00	15.00
	132	5660	20.00	15.00
	140	5700	17.75	15.00
	144	5720	19.50	15.00
802.11n HT20	100	5500	17.75	15.00
	116	5580	20.00	15.00
	120	5600	20.00	15.00
	124	5620	20.00	15.00
	132	5660	20.00	15.00
	140	5700	17.75	15.00
	144	5720	19.50	15.00
802.11n HT40	102	5510	16.25	15.00
	110	5550	20.00	15.00
	118	5590	20.00	15.00
	126	5630	20.00	15.00
	134	5670	17.75	15.00
	142	5710	19.50	15.00
802.11ac VHT80	106	5530	15.25	15.00
	122	5610	18.25	15.00
	138	5690	19.50	15.00



Tune-up Power (9462NGW_Full)				
WLAN 5.8GHz				
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up
802.11a	149	5745	20.00	15.00
	153	5765	20.00	15.00
	157	5785	20.00	15.00
	161	5805	20.00	15.00
	165	5825	19.75	15.00
802.11n HT20	149	5745	20.00	15.00
	153	5765	20.00	15.00
	157	5785	20.00	15.00
	161	5805	20.00	15.00
	165	5825	19.75	15.00
802.11n HT40	151	5755	20.00	15.00
	159	5795	20.00	15.00
802.11ac VHT80	155	5775	17.00	15.00



Tune-up Power (9462NGW_Reduction)				
WLAN 2.4GHz				
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up
802.11b	1	2412	17.50	16.00
	6	2437	20.00	16.00
	11	2462	19.00	16.00
	12	2467	16.50	16.00
	13	2472	14.25	14.00
802.11g	1	2412	15.25	15.25
	6	2437	18.25	16.00
	11	2462	15.00	15.00
	12	2467	12.50	12.25
	13	2472	-6.25	-6.25
802.11n HT20	1	2412	15.25	15.25
	6	2437	18.25	16.00
	11	2462	15.00	15.00
	12	2467	12.50	12.25
	13	2472	-6.25	-6.25
802.11n HT40	3	2422	13.50	13.50
	6	2437	14.25	14.25
	9	2452	13.00	13.00
	10	2457	10.00	10.25
	11	2462	1.50	2.50



Tune-up Power (9462NGW_Reduction)			
Bluetooth			
Mode	Channel	Frequency	SISO Ant 1 Max Tune up
BDR	0	2402	11.0
	39	2441	11.0
	78	2480	11.0
LE	0	2402	9.0
	19	2440	9.0
	39	2480	9.0

Tune-up Power (9462NGW_Reduction)				
WLAN 5.2GHz				
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up
802.11a	36	5180	15.75	11.00
	40	5200	16.00	11.00
	44	5220	16.00	11.00
	48	5240	16.00	11.00
802.11n HT20	36	5180	15.75	11.00
	40	5200	16.00	11.00
	44	5220	16.00	11.00
	48	5240	16.00	11.00
802.11n HT40	38	5190	14.00	11.00
	46	5230	15.50	11.00
802.11ac VHT80	42	5210	11.50	11.00

Tune-up Power (9462NGW_Reduction)				
WLAN 5.3GHz				
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up
802.11a	52	5260	16.0	11.0
	56	5280	16.0	11.0
	60	5300	16.0	11.0
	64	5320	14.0	11.0
802.11n HT20	52	5260	16.0	11.0
	56	5280	16.0	11.0
	60	5300	16.0	11.0
	64	5320	14.0	11.0
802.11n HT40	54	5270	16.0	11.0
	62	5310	11.0	11.0
802.11ac VHT80	58	5290	12.0	11.0

Tune-up Power (9462NGW_Reduction)				
WLAN 5.6GHz				
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up
802.11a	100	5500	15.0	13.0
	116	5580	15.0	13.0
	120	5600	15.0	13.0
	124	5620	15.0	13.0
	132	5660	15.0	13.0
	140	5700	15.0	13.0
	144	5720	15.0	13.0
802.11n HT20	100	5500	15.0	13.0
	116	5580	15.0	13.0
	120	5600	15.0	13.0
	124	5620	15.0	13.0
	132	5660	15.0	13.0
	140	5700	15.0	13.0
	144	5720	15.0	13.0
802.11n HT40	102	5510	15.0	13.0
	110	5550	15.0	13.0
	118	5590	15.0	13.0
	126	5630	15.0	13.0
	134	5670	15.0	13.0
	142	5710	15.0	13.0
802.11ac VHT80	106	5530	15.0	13.0
	122	5610	15.0	13.0
	138	5690	15.0	13.0

Tune-up Power (9462NGW_Reduction)				
WLAN 5.8GHz				
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up
802.11a	149	5745	15.0	13.5
	153	5765	15.0	13.5
	157	5785	15.0	13.5
	161	5805	15.0	13.5
	165	5825	15.0	13.5
802.11n HT20	149	5745	15.0	13.5
	153	5765	15.0	13.5
	157	5785	15.0	13.5
	161	5805	15.0	13.5
	165	5825	15.0	13.5
802.11n HT40	151	5755	15.0	13.5
	159	5795	15.0	13.5
802.11ac VHT80	155	5775	15.0	13.5



**BUREAU**  
**VERITAS**

## **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	23.86	23.87	23.84	23.97	23.86	23.78	23.95	23.93	23.96
HSDPA Subtest-1	22.95	22.91	22.87	22.92	22.81	22.74	22.95	22.98	23.08
HSDPA Subtest-2	22.92	22.90	22.79	22.89	22.77	22.71	22.91	22.97	23.02
HSDPA Subtest-3	22.46	22.41	22.38	22.41	22.32	22.34	22.44	22.48	22.56
HSDPA Subtest-4	22.44	22.33	22.31	22.38	22.25	22.21	22.33	22.45	22.51
DC-HSDPA Subtest-1	22.91	22.85	22.76	22.85	22.75	22.68	22.85	22.89	22.98
DC-HSDPA Subtest-2	22.86	22.81	22.73	22.81	22.71	22.65	22.81	22.86	22.92
DC-HSDPA Subtest-3	22.42	22.31	22.25	22.35	22.21	22.18	22.31	22.43	22.48
DC-HSDPA Subtest-4	22.40	22.28	22.21	22.31	22.18	22.15	22.25	22.41	22.43
HSUPA Subtest-1	23.08	22.85	22.73	22.81	22.75	22.72	22.85	22.95	23.02
HSUPA Subtest-2	20.97	20.81	20.92	20.94	20.85	20.71	20.96	20.92	20.99
HSUPA Subtest-3	22.07	21.86	21.79	21.82	21.74	21.67	21.88	21.86	21.98
HSUPA Subtest-4	21.09	20.84	20.85	20.91	20.85	20.77	21.86	21.84	21.89
HSUPA Subtest-5	22.91	22.75	22.79	22.88	22.79	22.72	22.80	22.82	22.86





<b>WCDMA Conducted Power (Reduction)</b>			
<b>Band</b>	<b>WCDMA IV</b>		
TX Channel	1312	1413	1513
Rx Channel	1537	1638	1738
Frequency	1712.4	1732.6	1752.6
RMC 12.2K	19.42	19.41	19.38
HSDPA Subtest-1	18.92	18.45	18.44
HSDPA Subtest-2	18.88	18.75	18.41
HSDPA Subtest-3	18.51	18.34	18.92
HSDPA Subtest-4	18.45	18.20	18.92
HSUPA Subtest-1	18.86	18.17	18.68
HSUPA Subtest-2	16.90	16.60	16.64
HSUPA Subtest-3	17.89	17.75	17.72
HSUPA Subtest-4	16.91	16.78	16.68
HSUPA Subtest-5	18.80	18.70	18.70

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	23.36	23.41	23.39	0
		1	50	22.94	23.18	23.04	0
		1	99	22.92	23.08	22.90	0
		50	0	22.14	22.30	22.21	1
		50	25	22.13	22.27	22.11	1
		50	50	22.20	22.23	22.14	1
		100	0	22.12	22.25	22.19	1
20M	16QAM	1	0	22.42	22.56	22.36	1
		1	50	22.36	22.47	22.37	1
		1	99	22.22	22.31	22.23	1
		50	0	21.23	21.33	21.33	2
		50	25	21.12	21.27	21.12	2
		50	50	21.10	21.21	21.17	2
		100	0	21.15	21.25	21.21	2
		Channel		18675	18900	19125	3GPP MPR
		Frequency (MHz)		1857.5	1880	1902.5	
15M	QPSK	1	0	23.32	23.39	23.32	0
		1	37	22.99	23.13	22.98	0
		1	74	22.98	23.01	22.95	0
		36	0	22.19	22.29	22.15	1
		36	19	22.16	22.21	22.15	1
		36	39	22.23	22.22	22.17	1
		75	0	22.08	22.19	22.20	1
15M	16QAM	1	0	22.33	22.53	22.39	1
		1	37	22.43	22.45	22.42	1
		1	74	22.18	22.25	22.28	1
		36	0	21.20	21.27	21.25	2
		36	19	21.11	21.27	21.19	2
		36	39	21.06	21.15	21.07	2
		75	0	21.12	21.23	21.16	2

LTE Conducted Power (Full)							
LTE Band 2							
BW	MCS MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP
		Channel		18650	18900	19150	3GPP
		Frequency (MHz)		1855	1880	1905	MPR
10M	QPSK	1	0	23.31	23.37	23.36	0
		1	24	22.98	23.13	23.03	0
		1	49	22.92	23.02	22.95	0
		25	0	22.12	22.21	22.18	1
		25	12	22.14	22.18	22.18	1
		25	25	22.17	22.19	22.16	1
		50	0	22.04	22.23	22.22	1
10M	16QAM	1	0	22.34	22.56	22.39	1
		1	24	22.39	22.47	22.41	1
		1	49	22.13	22.30	22.20	1
		25	0	21.22	21.23	21.29	2
		25	12	21.06	21.19	21.09	2
		25	25	21.14	21.16	21.14	2
		50	0	21.16	21.22	21.24	2
BW	MCS Index	Channel		18625	18900	19175	3GPP
		Frequency (MHz)		1852.5	1880	1907.5	MPR
		5M	QPSK	1	0	22.32	23.36
1	12			22.91	23.09	23.08	0
1	24			22.94	23.02	22.90	0
12	0			22.19	22.30	22.13	1
12	6			22.12	22.18	22.12	1
12	13			22.23	22.15	22.23	1
25	0			22.09	22.18	22.19	1
5M	16QAM	1	0	22.33	22.49	22.39	1
		1	12	22.42	22.37	22.37	1
		1	24	22.18	22.22	22.29	1
		12	0	21.15	21.23	21.28	2
		12	6	21.10	21.18	21.12	2
		12	13	21.13	21.12	21.07	2
		25	0	21.13	21.18	21.22	2

LTE Conducted Power (Full)							
LTE Band 2							
BW	MCS MCS 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	23.31	23.34	23.30	0
		1	7	22.97	23.09	22.98	0
		1	14	22.93	23.07	22.94	0
		8	0	22.19	22.21	22.13	1
		8	3	22.14	22.19	22.11	1
		8	7	22.21	22.18	22.17	1
		15	0	22.07	22.24	22.13	1
3M	16QAM	1	0	22.32	22.52	22.45	1
		1	7	22.37	22.42	22.45	1
		1	14	22.16	22.29	22.26	1
		8	0	21.13	21.24	21.31	2
		8	3	21.06	21.20	21.16	2
		8	7	21.13	21.20	21.16	2
		15	0	21.12	21.19	21.21	2
BW	MCS Index	Channel		18607	18900	19193	3GPP
		Frequency (MHz)		1850.7	1880	1909.3	MPR
1.4M	QPSK	1	0	23.23	23.31	23.25	0
		1	2	22.95	22.98	22.97	0
		1	5	22.91	23.05	22.91	0
		3	0	22.18	22.20	22.11	0
		3	1	22.11	22.17	22.09	0
		3	3	22.15	22.15	22.05	0
		6	0	22.05	22.31	22.13	1
1.4M	16QAM	1	0	22.28	22.48	22.43	1
		1	2	22.31	22.26	22.45	1
		1	5	22.14	22.25	22.25	1
		3	0	22.09	21.23	21.28	1
		3	1	21.05	21.20	21.13	1
		3	3	21.13	21.19	21.15	1
		6	0	21.12	21.18	21.15	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	23.31	23.32	23.29	0
		1	50	23.05	23.13	23.02	0
		1	99	23.01	23.07	23.01	0
		50	0	22.20	22.24	22.18	1
		50	25	22.10	22.19	22.06	1
		50	50	22.09	22.17	22.03	1
		100	0	22.18	22.20	22.16	1
20M	16QAM	1	0	22.25	22.32	22.25	1
		1	50	22.20	22.30	22.18	1
		1	99	22.27	22.29	22.19	1
		50	0	21.21	21.23	21.18	2
		50	25	21.14	21.20	21.12	2
		50	50	21.13	21.19	21.11	2
		100	0	21.15	21.21	21.07	2
BW	MCS Index	Channel		20025	20175	20325	3GPP MPR
		Frequency (MHz)		1717.5	1732.5	1747.5	
15M	QPSK	1	0	23.29	23.31	23.28	0
		1	37	23.03	23.08	22.99	0
		1	74	23.00	23.02	23.01	0
		36	0	22.12	22.22	22.13	1
		36	19	22.10	22.19	21.98	1
		36	39	22.03	22.11	21.97	1
		75	0	22.11	22.17	22.06	1
15M	16QAM	1	0	22.21	22.28	22.25	1
		1	37	22.15	22.22	22.11	1
		1	74	22.17	22.28	22.09	1
		36	0	21.14	21.22	21.17	2
		36	19	21.05	21.18	21.04	2
		36	39	21.12	21.17	21.01	2
		75	0	21.08	21.12	20.99	2

LTE Conducted Power (Full)							
LTE Band 4							
BW	MCS MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP
		Channel		20000	20175	20350	3GPP
		Frequency (MHz)		1715	1732.5	1750	MPR
10M	QPSK	1	0	23.24	23.28	23.27	0
		1	24	22.96	23.05	22.97	0
		1	49	22.91	23.01	23.01	0
		25	0	22.20	22.23	22.16	1
		25	12	22.00	22.13	22.04	1
		25	25	22.01	22.07	21.93	1
		50	0	22.16	22.15	22.07	1
10M	16QAM	1	0	22.18	22.32	22.19	1
		1	24	22.19	22.25	22.12	1
		1	49	22.25	22.21	22.09	1
		25	0	21.19	21.17	21.16	2
		25	12	21.09	21.11	21.03	2
		25	25	21.04	21.14	21.04	2
		50	0	21.10	21.16	20.98	2
BW	MCS Index	Channel		19975	20175	20375	3GPP
		Frequency (MHz)		1712.5	1732.5	1752.5	MPR
		RB Size	RB Offset	Low	Mid	High	3GPP
5M	QPSK	1	0	23.20	23.25	23.22	0
		1	12	23.00	23.13	22.98	0
		1	24	23.01	23.00	22.93	0
		12	0	22.11	22.22	22.10	1
		12	6	22.04	22.18	21.98	1
		12	13	22.05	22.14	22.02	1
		25	0	22.17	22.17	22.10	1
5M	16QAM	1	0	22.24	22.24	22.24	1
		1	12	22.15	22.29	22.12	1
		1	24	22.24	22.28	22.13	1
		12	0	21.13	21.17	21.09	2
		12	6	21.08	21.10	21.11	2
		12	13	21.06	21.19	21.09	2
		25	0	21.13	21.19	20.97	2

LTE Conducted Power (Full)							
LTE Band 4							
BW	MCS MCS 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	23.21	23.22	23.21	0
		1	7	23.05	23.10	23.00	0
		1	14	22.95	23.00	22.96	0
		8	0	22.17	22.17	22.09	1
		8	3	22.09	22.19	22.05	1
		8	7	22.06	22.10	21.98	1
		15	0	22.17	22.18	22.10	1
3M	16QAM	1	0	22.24	22.26	22.19	1
		1	7	22.17	22.21	22.18	1
		1	14	22.20	22.19	22.15	1
		8	0	21.16	21.13	21.15	2
		8	3	21.06	21.18	21.04	2
		8	7	21.12	21.18	21.02	2
		15	0	21.14	21.19	20.97	2
BW	MCS Index	Channel		19957	20175	20393	3GPP
		Frequency (MHz)		1710.7	1732.5	1754.3	MPR
		RB Size	RB Offset				
1.4M	QPSK	1	0	23.06	23.12	23.10	0
		1	2	22.78	22.96	22.74	0
		1	5	22.88	22.78	22.73	0
		3	0	22.99	23.03	22.95	0
		3	1	22.87	23.03	22.77	0
		3	3	22.88	22.96	22.79	0
		6	0	22.04	22.01	21.89	1
1.4M	16QAM	1	0	22.05	22.07	22.09	1
		1	2	22.01	22.11	21.87	1
		1	5	22.02	22.07	21.92	1
		3	0	21.96	21.97	21.98	1
		3	1	21.87	21.89	22.00	1
		3	3	21.93	21.98	21.96	1
		6	0	20.88	20.98	20.80	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	24.11	24.19	24.08	0
		1	24	23.85	23.93	23.84	0
		1	49	23.79	23.80	23.72	0
		25	0	23.11	23.26	23.09	1
		25	12	22.90	22.94	22.90	1
		25	25	22.91	22.92	22.81	1
		50	0	22.86	22.94	22.82	1
10M	16QAM	1	0	23.10	23.11	23.03	1
		1	24	22.98	23.03	22.98	1
		1	49	22.95	23.00	22.93	1
		25	0	21.89	21.95	21.89	2
		25	12	21.87	21.92	21.84	2
		25	25	21.84	21.90	21.81	2
		50	0	21.86	21.96	21.85	2
BW	MCS Index	Channel		20425	20525	20625	3GPP MPR
		Frequency (MHz)		826.5	836.5	846.5	
5M	QPSK	1	0	24.08	24.13	24.05	0
		1	12	23.75	23.92	23.82	0
		1	24	23.77	23.78	23.67	0
		12	0	22.86	22.86	22.83	1
		12	6	22.90	22.87	22.84	1
		12	13	22.81	22.82	22.74	1
		25	0	22.83	22.87	22.72	1
5M	16QAM	1	0	23.02	23.05	22.97	1
		1	12	22.89	23.00	22.92	1
		1	24	22.89	22.95	22.85	1
		12	0	21.89	21.86	21.80	2
		12	6	21.78	21.85	21.84	2
		12	13	21.75	21.84	21.78	2
		25	0	21.83	21.92	21.75	2



LTE Conducted Power (Full)							
LTE Band 5							
BW	MCS MCS 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	24.06	24.11	23.99	0
		1	7	23.81	23.90	23.77	0
		1	14	23.70	23.79	23.64	0
		8	0	22.90	22.90	22.80	1
		8	3	22.84	22.93	22.83	1
		8	7	22.81	22.82	22.80	1
		15	0	22.83	22.87	22.81	1
3M	16QAM	1	0	23.04	23.07	23.00	1
		1	7	22.94	23.01	22.92	1
		1	14	22.93	22.98	22.90	1
		8	0	21.89	21.87	21.85	2
		8	3	21.85	21.92	21.83	2
		8	7	21.74	21.89	21.75	2
		15	0	21.84	21.88	21.80	2
BW	MCS Index	Channel		20407	20525	20643	3GPP
		Frequency (MHz)		824.7	836.5	848.3	MPR
		RB Size	RB Offset				
1.4M	QPSK	1	0	23.90	23.95	23.75	0
		1	2	23.71	23.69	23.54	0
		1	5	23.53	23.55	23.45	0
		3	0	23.78	23.70	23.64	0
		3	1	23.62	23.71	23.61	0
		3	3	23.59	23.57	23.58	0
		6	0	22.73	22.71	22.68	1
1.4M	16QAM	1	0	22.93	22.94	22.79	1
		1	2	22.82	22.77	22.76	1
		1	5	22.68	22.74	22.78	1
		3	0	22.67	22.62	22.74	1
		3	1	22.72	22.79	22.71	1
		3	3	22.59	22.79	22.61	1
		6	0	21.61	21.77	21.58	2

LTE Conducted Power (Full)							
LTE Band 7							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)
		Channel		20850	21100	21350	
		Frequency (MHz)		2510	2535	2560	
20M	QPSK	1	0	23.13	23.39	23.22	0
		1	50	23.00	23.10	23.03	0
		1	99	22.88	23.00	22.92	0
		50	0	22.06	22.27	22.10	1
		50	25	22.05	22.13	22.09	1
		50	50	22.03	22.10	22.03	1
		100	0	22.06	22.13	22.07	1
20M	16QAM	1	0	22.11	22.22	22.15	1
		1	50	22.07	22.20	22.17	1
		1	99	22.05	22.17	22.11	1
		50	0	20.99	21.17	21.07	2
		50	25	21.07	21.15	21.06	2
		50	50	21.02	21.12	21.10	2
		100	0	20.96	21.13	21.09	2
BW	MCS Index	Channel		20825	21100	21375	3GPP MPR
		Frequency (MHz)		2507.5	2535	2562.5	
		RB Size	RB Offset	Low	Mid	High	
15M	QPSK	1	0	23.12	23.31	23.21	0
		1	37	22.97	23.07	22.97	0
		1	74	22.83	22.92	22.92	0
		36	0	21.93	22.10	22.06	1
		36	19	21.95	22.03	21.99	1
		36	39	21.95	22.04	22.02	1
		75	0	22.05	22.04	22.02	1
15M	16QAM	1	0	22.04	22.22	22.05	1
		1	37	22.02	22.16	22.15	1
		1	74	22.00	22.17	22.07	1
		36	0	20.94	21.17	20.98	2
		36	19	21.04	21.10	21.01	2
		36	39	20.96	21.10	21.10	2
		75	0	20.87	21.09	21.02	2

LTE Conducted Power (Full)							
LTE Band 7							
BW	MCS MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP
		Channel		20800	21100	21400	3GPP
		Frequency (MHz)		2505	2535	2565	MPR
10M	QPSK	1	0	23.11	23.29	23.13	0
		1	24	22.91	23.04	22.99	0
		1	49	22.83	22.97	22.83	0
		25	0	21.92	22.13	22.06	1
		25	12	21.96	22.04	22.05	1
		25	25	22.02	22.08	22.01	1
		50	0	22.01	22.05	22.00	1
10M	16QAM	1	0	22.08	22.22	22.06	1
		1	24	22.00	22.20	22.15	1
		1	49	22.05	22.10	22.11	1
		25	0	20.89	21.17	20.99	2
		25	12	20.99	21.08	21.03	2
		25	25	21.01	21.04	21.00	2
		50	0	20.90	21.05	21.05	2
BW	MCS Index	Channel		20775	21100	21425	3GPP
		Frequency (MHz)		2502.5	2535	2567.5	MPR
		RB Size	RB Offset				
5M	QPSK	1	0	23.03	23.20	23.07	0
		1	12	22.89	22.96	22.97	0
		1	24	22.79	22.89	22.76	0
		12	0	21.89	22.09	22.02	1
		12	6	21.87	21.94	21.97	1
		12	13	21.93	22.06	21.93	1
		25	0	21.97	21.99	21.93	1
5M	16QAM	1	0	22.05	22.14	21.98	1
		1	12	22.00	22.17	22.08	1
		1	24	22.02	22.04	22.03	1
		12	0	20.83	21.13	20.99	2
		12	6	20.89	21.05	21.00	2
		12	13	20.93	20.98	20.99	2
		25	0	20.80	21.04	20.99	2

LTE Conducted Power (Full)							
LTE Band 12							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)
		Channel		23060	23095	23130	
		Frequency (MHz)		704	707.5	711	
10M	QPSK	1	0	24.03	24.09	24.21	0
		1	24	23.85	23.92	23.94	0
		1	49	23.81	23.86	23.87	0
		25	0	22.84	22.90	22.93	1
		25	12	22.81	22.87	22.91	1
		25	25	22.77	22.80	22.89	1
		50	0	22.81	22.84	22.93	1
10M	16QAM	1	0	23.06	23.09	23.17	1
		1	24	23.02	23.09	23.14	1
		1	49	22.90	23.00	23.10	1
		25	0	21.92	21.94	22.00	2
		25	12	21.87	21.96	21.96	2
		25	25	21.85	21.85	21.90	2
		50	0	21.85	21.95	21.97	2
BW	MCS Index	Channel		23035	23095	23155	3GPP MPR
		Frequency (MHz)		701.5	707.5	713.5	
5M	QPSK	1	0	24.03	24.02	24.20	0
		1	12	23.82	23.87	23.86	0
		1	24	23.79	23.79	23.84	0
		12	0	22.82	22.80	22.87	1
		12	6	22.74	22.85	22.81	1
		12	13	22.74	22.76	22.87	1
		25	0	22.78	22.75	22.86	1
5M	16QAM	1	0	22.98	23.08	23.14	1
		1	12	22.99	23.01	23.06	1
		1	24	22.82	22.94	23.02	1
		12	0	21.86	21.91	21.96	2
		12	6	21.83	21.92	21.90	2
		12	13	21.85	21.81	21.87	2
		25	0	21.78	21.94	21.92	2

LTE Conducted Power (Full)							
LTE Band 12							
BW	MCS MCS 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	24.00	24.09	24.15	0
		1	7	23.82	23.92	23.86	0
		1	14	23.81	23.84	23.79	0
		8	0	22.84	22.80	22.86	1
		8	3	22.79	22.87	22.85	1
		8	7	22.69	22.74	22.80	1
		15	0	22.75	22.80	22.87	1
3M	16QAM	1	0	23.01	23.03	23.09	1
		1	7	22.94	23.02	23.08	1
		1	14	22.88	22.92	23.00	1
		8	0	21.88	21.90	21.94	2
		8	3	21.84	21.88	21.88	2
		8	7	21.83	21.78	21.87	2
		15	0	21.76	21.92	21.96	2
BW	MCS Index	Channel		23017	23095	23173	3GPP
		Frequency (MHz)		699.7	707.5	715.3	MPR
1.4M	QPSK	1	0	23.85	23.89	23.97	0
		1	2	23.68	23.76	23.65	0
		1	5	23.65	23.61	23.63	0
		3	0	23.65	23.67	23.71	0
		3	1	23.50	23.60	23.68	0
		3	3	23.62	23.57	23.71	0
		6	0	22.65	22.65	22.66	1
1.4M	16QAM	1	0	22.87	22.98	23.04	1
		1	2	22.82	22.80	22.84	1
		1	5	22.67	22.81	22.84	1
		3	0	22.66	22.81	22.75	1
		3	1	22.70	22.76	22.73	1
		3	3	22.67	22.69	22.65	1
		6	0	21.57	21.77	21.77	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		23.46		0	
		1	24		23.41		0	
		1	49		23.39		0	
		25	0		22.42		1	
		25	12		22.39		1	
		25	25		22.37		1	
		50	0		22.32		1	
10M	16QAM	1	0		22.59		1	
		1	24		22.54		1	
		1	49		22.51		1	
		25	0		21.53		2	
		25	12		21.48		2	
		25	25		21.45		2	
		50	0		21.46		2	
BW	MCS Index	Channel			23205	23230	23255	3GPP MPR
Frequency (MHz)			779.5	782	784.5			
5M	QPSK	1	0		23.37	23.39	23.32	0
		1	12		23.30	23.35	23.31	0
		1	24		23.28	23.31	23.33	0
		12	0		22.36	22.37	22.31	1
		12	6		22.23	22.33	22.18	1
		12	13		22.26	22.35	22.21	1
		25	0		22.26	22.25	22.20	1
5M	16QAM	1	0		22.50	22.54	22.36	1
		1	12		22.49	22.48	22.45	1
		1	24		22.37	22.42	22.40	1
		12	0		21.48	21.45	21.46	2
		12	6		21.40	21.40	21.25	2
		12	13		21.32	21.43	21.32	2
		25	0		21.36	21.42	21.30	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		24.05		0	
		1	24		23.81		0	
		1	49		23.77		0	
		25	0		22.99		1	
		25	12		22.96		1	
		25	25		22.92		1	
		50	0		22.98		1	
10M	16QAM	1	0		23.16		1	
		1	24		23.12		1	
		1	49		23.03		1	
		25	0		22.03		2	
		25	12		21.99		2	
		25	25		21.92		2	
		50	0		21.96		2	
BW	MCS Index	Channel			23305	23330	23355	3GPP MPR
Frequency (MHz)			790.5	793	795.5			
5M	QPSK	1	0		23.92	23.99	23.86	0
		1	12		23.77	23.79	23.65	0
		1	24		23.68	23.73	23.56	0
		12	0		22.81	22.92	22.83	1
		12	6		22.86	22.91	22.79	1
		12	13		22.78	22.91	22.72	1
		25	0		22.82	22.95	22.85	1
5M	16QAM	1	0		22.99	23.07	22.93	1
		1	12		23.04	23.08	23.00	1
		1	24		22.88	22.95	22.84	1
		12	0		21.92	21.97	21.91	2
		12	6		21.81	21.93	21.79	2
		12	13		21.81	21.89	21.82	2
		25	0		21.92	21.93	21.79	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	24.13	24.16	24.12	0
		1	24	24.02	24.03	23.99	0
		1	49	23.85	23.90	23.84	0
		25	0	23.04	23.06	22.94	1
		25	12	22.93	23.00	22.92	1
		25	25	22.94	22.94	22.94	1
		50	0	22.99	23.00	22.95	1
10M	16QAM	1	0	23.27	23.32	23.22	1
		1	24	23.13	23.21	23.07	1
		1	49	23.07	23.07	22.99	1
		25	0	21.99	22.07	21.96	2
		25	12	21.93	22.03	21.93	2
		25	25	21.91	21.98	21.88	2
		50	0	21.94	22.03	21.88	2
BW	MCS Index	Channel		23755	23790	23825	3GPP MPR
		Frequency (MHz)		706.5	710	713.5	
5M	QPSK	1	0	24.07	24.13	24.11	0
		1	12	23.93	24.02	23.99	0
		1	24	23.82	23.90	23.80	0
		12	0	22.95	22.99	22.91	1
		12	6	22.90	22.90	22.89	1
		12	13	22.86	22.87	22.93	1
		25	0	22.99	22.94	22.85	1
5M	16QAM	1	0	23.18	23.27	23.20	1
		1	12	23.11	23.14	23.07	1
		1	24	23.07	23.02	22.97	1
		12	0	21.94	22.03	21.86	2
		12	6	21.85	21.96	21.91	2
		12	13	21.83	21.95	21.78	2
		25	0	21.87	22.01	21.81	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	23.21	23.19	23.18	0
		1	50	23.01	22.95	22.91	0
		1	99	22.97	22.96	22.93	0
		50	0	22.07	22.01	22.04	1
		50	25	22.05	21.97	22.02	1
		50	50	21.95	21.88	21.85	1
		100	0	22.02	21.97	21.98	1
20M	16QAM	1	0	22.35	22.31	22.33	1
		1	50	22.29	22.21	22.24	1
		1	99	22.16	22.15	22.07	1
		50	0	21.06	21.04	21.04	2
		50	25	21.02	20.94	20.99	2
		50	50	20.99	20.89	20.93	2
		100	0	21.04	20.99	20.97	2
BW	MCS Index	Channel		26115	26365	26615	3GPP MPR
		Frequency (MHz)		1857.5	1882.5	1907.5	
15M	QPSK	1	0	23.18	23.15	23.12	0
		1	37	22.96	22.89	22.81	0
		1	74	22.90	22.91	22.85	0
		36	0	22.04	21.93	21.98	1
		36	19	21.98	21.90	21.92	1
		36	39	21.90	21.80	21.81	1
		75	0	21.95	21.97	21.90	1
15M	16QAM	1	0	22.35	22.26	22.23	1
		1	37	22.29	22.20	22.18	1
		1	74	22.15	22.13	22.06	1
		36	0	20.98	20.94	20.99	2
		36	19	20.94	20.92	20.94	2
		36	39	20.93	20.79	20.85	2
		75	0	20.99	20.95	20.87	2

LTE Conducted Power (Full)							
LTE Band 25							
BW	MCS MCS 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	23.16	23.08	23.10	0
		1	24	22.91	22.93	22.88	0
		1	49	22.89	22.86	22.91	0
		25	0	21.97	21.99	21.94	1
		25	12	21.99	21.97	21.97	1
		25	25	21.88	21.79	21.79	1
		50	0	21.99	21.94	21.90	1
10M	16QAM	1	0	22.31	22.30	22.29	1
		1	24	22.29	22.12	22.22	1
		1	49	22.14	22.11	22.02	1
		25	0	21.04	21.02	20.97	2
		25	12	20.98	20.87	20.93	2
		25	25	20.96	20.84	20.93	2
		50	0	21.03	20.98	20.88	2
BW	MCS Index	Channel		26065	26365	26665	3GPP
		Frequency (MHz)		1852.5	1882.5	1912.5	MPR
		RB Size	RB Offset				
5M	QPSK	1	0	23.15	23.10	23.11	0
		1	12	23.01	22.95	22.83	0
		1	24	22.91	22.90	22.85	0
		12	0	21.97	21.99	21.93	1
		12	6	22.05	21.96	21.93	1
		12	13	21.85	21.87	21.82	1
		25	0	21.96	21.91	21.95	1
5M	16QAM	1	0	22.27	22.25	22.23	1
		1	12	22.25	22.19	22.20	1
		1	24	22.06	22.09	21.99	1
		12	0	20.98	20.96	21.03	2
		12	6	20.94	20.90	20.94	2
		12	13	20.97	20.80	20.84	2
		25	0	20.94	20.91	20.95	2

LTE Conducted Power (Full)							
LTE Band 25							
BW	MCS MCS 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	23.13	23.05	23.09	0
		1	7	22.91	22.92	22.87	0
		1	14	22.91	22.96	22.92	0
		8	0	22.02	21.94	21.89	1
		8	3	22.03	21.89	22.01	1
		8	7	21.88	21.84	21.82	1
		15	0	21.98	21.91	21.95	1
3M	16QAM	1	0	22.25	22.28	22.32	1
		1	7	22.19	22.15	22.24	1
		1	14	22.16	22.11	22.05	1
		8	0	21.04	20.99	20.95	2
		8	3	20.95	20.93	20.91	2
		8	7	20.90	20.80	20.89	2
		15	0	20.95	20.92	20.87	2
BW	MCS Index	Channel		26047	26365	26683	3GPP
		Frequency (MHz)		1850.7	1882.5	1914.3	MPR
		RB Size	RB Offset				
1.4M	QPSK	1	0	23.04	22.94	22.86	0
		1	2	22.72	22.77	22.72	0
		1	5	22.73	22.67	22.75	0
		3	0	22.86	22.76	22.81	0
		3	1	22.76	22.73	22.78	0
		3	3	22.64	22.55	22.65	0
		6	0	21.86	21.71	21.71	1
1.4M	16QAM	1	0	22.15	22.07	22.08	1
		1	2	22.07	22.02	22.05	1
		1	5	22.04	21.90	21.88	1
		3	0	21.93	21.88	21.78	1
		3	1	21.80	21.76	21.70	1
		3	3	21.81	21.62	21.70	1
		6	0	20.84	20.88	20.64	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	23.19	23.17	23.23	0
		1	37	23.17	23.15	23.20	0
		1	74	23.14	23.12	23.15	0
		36	0	22.25	22.26	22.32	1
		36	19	22.14	22.15	22.25	1
		36	39	22.13	22.05	22.23	1
		75	0	22.16	22.16	22.17	1
15M	16QAM	1	0	22.39	22.31	22.44	1
		1	37	22.33	22.33	22.36	1
		1	74	22.31	22.24	22.32	1
		36	0	21.26	21.22	21.36	2
		36	19	21.30	21.30	21.32	2
		36	39	21.23	21.14	21.29	2
		75	0	21.20	21.11	21.27	2
BW	MCS Index	Channel		26740	26865	26990	3GPP MPR
		Frequency (MHz)		819	831.5	844	
10M	QPSK	1	0	23.10	23.14	23.21	0
		1	24	23.14	23.11	23.17	0
		1	49	23.12	23.07	23.09	0
		25	0	22.20	22.18	22.23	1
		25	12	22.22	22.15	22.17	1
		25	25	22.12	22.11	22.16	1
		50	0	22.09	22.14	22.08	1
10M	16QAM	1	0	22.33	22.24	22.36	1
		1	24	22.30	22.33	22.31	1
		1	49	22.25	22.24	22.24	1
		25	0	21.18	21.14	21.30	2
		25	12	21.22	21.28	21.29	2
		25	25	21.18	21.05	21.23	2
		50	0	21.15	21.05	21.25	2

LTE Conducted Power (Full)							
LTE Band 26							
BW	MCS MCS 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	23.14	23.08	23.20	0
		1	12	23.08	23.15	23.12	0
		1	24	23.07	23.12	23.09	0
		12	0	22.22	22.22	22.26	1
		12	6	22.19	22.21	22.24	1
		12	13	22.03	22.04	22.17	1
		25	0	22.12	22.13	22.08	1
5M	16QAM	1	0	22.29	22.27	22.35	1
		1	12	22.23	22.23	22.27	1
		1	24	22.23	22.22	22.22	1
		12	0	21.25	21.21	21.29	2
		12	6	21.26	21.26	21.31	2
		12	13	21.13	21.05	21.24	2
		25	0	21.19	21.11	21.25	2
BW	MCS Index	Channel		26705	26865	27025	3GPP
		Frequency (MHz)		815.5	831.5	847.5	MPR
		RB Size	RB Offset				
3M	QPSK	1	0	23.16	23.07	23.17	0
		1	7	23.08	23.05	23.12	0
		1	14	23.13	23.05	23.15	0
		8	0	22.24	22.16	22.27	1
		8	3	22.24	22.25	22.20	1
		8	7	22.13	22.05	22.22	1
		15	0	22.16	22.09	22.13	1
3M	16QAM	1	0	22.30	22.27	22.41	1
		1	7	22.26	22.29	22.27	1
		1	14	22.21	22.20	22.27	1
		8	0	21.25	21.18	21.32	2
		8	3	21.20	21.29	21.23	2
		8	7	21.19	21.05	21.25	2
		15	0	21.15	21.09	21.19	2

LTE Conducted Power (Full)							
LTE Band 26							
BW	MCS MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP
		Channel		26697	26865	27033	3GPP
		Frequency (MHz)		814.7	831.5	848.3	MPR
1.4M	QPSK	1	0	23.14	23.08	23.17	0
		1	2	23.13	23.11	23.15	0
		1	5	23.12	23.09	23.14	0
		3	0	23.09	23.05	23.11	0
		3	1	23.07	23.04	23.10	0
		3	3	23.05	23.02	23.09	0
		6	0	22.12	22.05	22.02	1
1.4M	16QAM	1	0	22.30	22.19	22.26	1
		1	2	22.14	22.21	22.28	1
		1	5	22.19	22.18	22.21	1
		3	0	22.16	22.15	22.18	1
		3	1	22.12	22.14	22.15	1
		3	3	22.11	22.10	22.14	1
		6	0	21.07	21.06	21.20	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		22.48		0
		1	24		22.30		0
		1	49		22.27		0
		25	0		21.46		1
		25	12		21.43		1
		25	25		21.39		1
		50	0		21.41		1
10M	16QAM	1	0		21.77		1
		1	24		21.67		1
		1	49		21.60		1
		25	0		20.47		2
		25	12		20.44		2
		25	25		20.39		2
		50	0		20.41		2
BW	MCS Index	Channel		27685	27710	27735	3GPP MPR
		Frequency (MHz)		2307.5	2310	2312.5	
5M	QPSK	1	0	22.40	22.45	22.40	0
		1	12	22.25	22.21	22.15	0
		1	24	22.13	22.27	22.21	0
		12	0	21.38	21.45	21.27	1
		12	6	21.31	21.41	21.33	1
		12	13	21.24	21.36	21.18	1
		25	0	21.36	21.33	21.39	1
5M	16QAM	1	0	21.66	21.67	21.50	1
		1	12	21.49	21.60	21.47	1
		1	24	21.51	21.58	21.37	1
		12	0	20.29	20.47	20.31	2
		12	6	20.32	20.40	20.30	2
		12	13	20.23	20.35	20.18	2
		25	0	20.29	20.39	20.38	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	23.25	23.21	23.35	0
		1	50	23.04	22.94	23.10	0
		1	99	23.00	22.95	23.06	0
		50	0	22.26	22.25	22.32	1
		50	25	22.21	22.15	22.28	1
		50	50	22.17	22.11	22.18	1
		100	0	22.21	22.15	22.26	1
20M	16QAM	1	0	22.30	22.28	22.37	1
		1	50	22.16	22.14	22.23	1
		1	99	22.14	22.08	22.17	1
		50	0	21.30	21.24	21.32	2
		50	25	21.22	21.14	21.28	2
		50	50	21.17	21.12	21.20	2
		100	0	21.29	21.19	21.29	2
BW	MCS Index	Channel		37825	38000	38175	3GPP MPR
		Frequency (MHz)		2577.5	2595	2612.5	
15M	QPSK	1	0	23.17	23.11	23.30	0
		1	37	22.98	22.91	23.09	0
		1	74	22.94	22.87	22.99	0
		36	0	22.26	22.19	22.26	1
		36	19	22.20	22.13	22.18	1
		36	39	22.15	22.05	22.09	1
		75	0	22.16	22.14	22.19	1
15M	16QAM	1	0	22.21	22.25	22.36	1
		1	37	22.13	22.11	22.23	1
		1	74	22.10	21.98	22.14	1
		36	0	21.20	21.20	21.31	2
		36	19	21.18	21.08	21.28	2
		36	39	21.16	21.02	21.17	2
		75	0	21.27	21.17	21.24	2



LTE Conducted Power (Full)							
LTE Band 38							
BW	MCS MCS 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	23.18	23.28	0
		1	24	22.95	22.84	23.05	0
		1	49	22.95	22.88	22.97	0
		25	0	22.22	22.20	22.26	1
		25	12	22.20	22.05	22.27	1
		25	25	22.08	22.02	22.16	1
		50	0	22.21	22.06	22.23	1
10M	16QAM	1	0	22.25	22.19	22.32	1
		1	24	22.10	22.14	22.22	1
		1	49	22.14	22.04	22.17	1
		25	0	21.24	21.15	21.29	2
		25	12	21.13	21.10	21.24	2
		25	25	21.08	21.02	21.19	2
		50	0	21.26	21.13	21.26	2
BW	MCS Index	Channel		37775	38000	38225	3GPP
		Frequency (MHz)		2572.5	2595	2617.5	MPR
		5M	QPSK	1	0	23.20	23.19
1	12			22.98	22.88	23.05	0
1	24			22.98	22.86	23.00	0
12	0			22.18	22.20	22.28	1
12	6			22.19	22.06	22.19	1
12	13			22.12	22.10	22.13	1
25	0			22.18	22.06	22.17	1
5M	16QAM	1	0	22.24	22.18	22.27	1
		1	12	22.09	22.13	22.17	1
		1	24	22.06	22.08	22.10	1
		12	0	21.26	21.16	21.26	2
		12	6	21.13	21.06	21.19	2
		12	13	21.17	21.06	21.18	2
		25	0	21.20	21.14	21.25	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	23.13	23.14	23.22	23.25	23.31	0
		1	50	23.06	23.12	23.20	23.21	23.24	0
		1	99	23.12	23.11	23.10	23.19	23.20	0
		50	0	22.13	22.22	22.22	22.23	22.30	1
		50	25	22.07	22.17	22.10	22.20	22.27	1
		50	50	22.09	22.13	22.11	22.21	22.24	1
		100	0	22.12	22.20	22.18	22.25	22.26	1
20M	16QAM	1	0	22.21	22.22	22.26	22.26	22.39	1
		1	50	22.03	22.13	22.11	22.21	22.30	1
		1	99	22.00	22.02	22.09	22.11	22.27	1
		50	0	21.10	21.14	21.13	21.23	21.32	2
		50	25	21.03	21.11	21.13	21.19	21.30	2
		50	50	21.11	21.12	21.18	21.21	21.27	2
		100	0	21.13	21.16	21.20	21.24	21.30	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	22.99	23.08	23.15	23.21	23.26	0
		1	37	22.99	23.09	23.18	23.14	23.18	0
		1	74	23.04	23.08	23.04	23.16	23.13	0
		36	0	22.10	22.18	22.19	22.21	22.29	1
		36	19	21.99	22.16	22.03	22.16	22.17	1
		36	39	22.01	22.04	22.04	22.17	22.18	1
		75	0	22.02	22.10	22.16	22.17	22.21	1
15M	16QAM	1	0	22.11	22.18	22.25	22.23	22.30	1
		1	37	22.03	22.04	22.08	22.14	22.24	1
		1	74	21.99	21.96	22.05	22.06	22.19	1
		36	0	21.08	21.10	21.07	21.21	21.20	2
		36	19	20.97	21.06	21.03	21.11	21.23	2
		36	39	21.06	21.11	21.08	21.18	21.15	2
		75	0	21.08	21.11	21.16	21.18	21.21	2

LTE Conducted Power (Full)									
LTE Band 41									
BW	MCS MCS 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	23.04	23.10	23.20	23.21	23.25	0
		1	24	23.05	23.10	23.16	23.13	23.16	0
		1	49	23.09	23.10	23.09	23.10	23.11	0
		25	0	22.10	22.21	22.16	22.16	22.23	1
		25	12	22.03	22.13	22.02	22.13	22.24	1
		25	25	22.07	22.07	22.01	22.19	22.16	1
10M	16QAM	50	0	22.12	22.16	22.09	22.18	22.19	1
		1	0	22.19	22.18	22.17	22.19	22.29	1
		1	24	21.99	22.10	22.05	22.17	22.14	1
		1	49	21.93	21.97	22.08	22.03	22.10	1
		25	0	21.02	21.07	21.12	21.21	21.25	2
		25	12	21.01	21.11	21.11	21.14	21.26	2
BW	MCS Index	Channel		39675	40148	40620	41093	41565	3GPP
		Frequency (MHz)		2498.5	2545.8	2593	2640.3	2687.5	MPR
5M	QPSK	50	0	21.10	21.11	21.11	21.17	21.14	2
		50	0	21.05	21.07	21.20	21.22	21.22	2
		1	0	23.06	23.12	23.19	23.16	23.21	0
		1	12	22.99	23.05	23.12	23.18	23.14	0
		1	24	23.03	23.10	23.04	23.19	23.15	0
		12	0	22.11	22.19	22.18	22.16	22.25	1
5M	16QAM	12	6	22.02	22.12	22.04	22.13	22.21	1
		12	13	21.99	22.04	22.02	22.12	22.17	1
		25	0	22.04	22.10	22.17	22.17	22.21	1
		1	0	22.17	22.17	22.18	22.22	22.22	1
		1	12	21.93	22.05	22.05	22.15	22.19	1
		1	24	21.95	21.94	22.08	22.06	22.18	1
		12	0	21.04	21.13	21.07	21.19	21.30	2
12	6	21.00	21.05	21.08	21.18	21.23	2		
12	13	21.04	21.02	21.08	21.13	21.21	2		
25	0	21.03	21.13	21.10	21.22	21.17	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	20.46	20.75	21.21	21.02	0
		1	50	20.36	20.70	21.12	21.00	0
		1	99	20.27	20.55	20.98	20.90	0
		50	0	20.26	20.31	20.32	20.24	1
		50	25	20.21	20.23	20.28	20.20	1
		50	50	20.14	20.16	20.18	20.15	1
		100	0	20.22	20.20	20.23	20.14	1
20M	16QAM	1	0	20.19	20.21	20.24	20.15	1
		1	50	20.18	20.15	20.17	20.13	1
		1	99	20.11	20.13	20.15	20.13	1
		50	0	19.31	19.37	19.34	19.27	2
		50	25	19.25	19.26	19.28	19.26	2
		50	50	19.22	19.24	19.25	19.23	2
		100	0	19.16	19.27	19.33	19.29	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	20.37	20.71	21.15	20.94	0
		1	37	20.31	20.68	21.03	20.91	0
		1	74	20.27	20.47	20.91	20.80	0
		36	0	20.17	20.24	20.32	20.16	1
		36	19	20.12	20.19	20.28	20.20	1
		36	39	20.07	20.10	20.14	20.15	1
		75	0	20.17	20.19	20.18	20.09	1
15M	16QAM	1	0	20.09	20.14	20.19	20.13	1
		1	37	20.17	20.12	20.07	20.09	1
		1	74	20.10	20.08	20.15	20.08	1
		36	0	19.27	19.27	19.30	19.26	2
		36	19	19.19	19.21	19.28	19.18	2
		36	39	19.14	19.19	19.17	19.23	2
		75	0	19.13	19.18	19.29	19.23	2

LTE Conducted Power (Full)								
LTE Band 48								
BW	MCS MCS Index	RB Size	RB Offset	Low	Mid	Mid	Mid	3GPP
		Channel		55290	55750	56220	56690	3GPP MPR
		Frequency (MHz)		3555	3601	3648	3695	
10M	QPSK	1	0	20.41	20.71	21.13	21.02	0
		1	24	20.29	20.60	21.11	20.93	0
		1	49	20.21	20.55	20.93	20.89	0
		25	0	20.21	20.25	20.30	20.22	1
		25	12	20.20	20.13	20.28	20.20	1
		25	25	20.10	20.07	20.13	20.13	1
		50	0	20.19	20.17	20.18	20.13	1
10M	16QAM	1	0	20.11	20.21	20.18	20.06	1
		1	24	20.18	20.07	20.09	20.03	1
		1	49	20.01	20.12	20.10	20.04	1
		25	0	19.28	19.30	19.32	19.21	2
		25	12	19.24	19.19	19.26	19.20	2
		25	25	19.12	19.21	19.23	19.16	2
		50	0	19.15	19.17	19.31	19.27	2
BW	MCS Index	Channel		55265	55745	56235	56715	3GPP MPR
		Frequency (MHz)		3552.5	3600.5	3649.5	3697.5	
5M	QPSK	1	0	20.32	20.65	21.06	20.92	0
		1	12	20.26	20.60	21.08	20.88	0
		1	24	20.12	20.52	20.87	20.79	0
		12	0	20.16	20.15	20.24	20.20	1
		12	6	20.16	20.09	20.26	20.20	1
		12	13	20.04	20.03	20.12	20.10	1
		25	0	20.19	20.10	20.15	20.05	1
5M	16QAM	1	0	20.04	20.13	20.13	20.01	1
		1	12	20.12	19.99	20.05	20.00	1
		1	24	19.94	20.07	20.06	19.99	1
		12	0	19.21	19.24	19.23	19.20	2
		12	6	19.20	19.11	19.23	19.12	2
		12	13	19.08	19.12	19.16	19.16	2
		25	0	19.08	19.12	19.23	19.22	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	23.31	23.27	23.21	0
		1	50	23.19	23.20	23.15	0
		1	99	23.04	23.11	23.01	0
		50	0	21.99	22.08	21.97	1
		50	25	21.94	22.03	21.88	1
		50	50	21.93	22.00	21.91	1
		100	0	22.02	23.05	21.95	1
20M	16QAM	1	0	22.38	22.44	22.33	1
		1	50	22.32	22.40	22.30	1
		1	99	22.24	22.27	22.14	1
		50	0	21.02	21.10	20.95	2
		50	25	21.01	21.07	20.95	2
		50	50	21.06	21.06	20.98	2
		100	0	20.93	21.03	20.92	2
BW	MCS Index	Channel		132047	132322	132597	3GPP MPR
		Frequency (MHz)		1717.5	1745	1772.5	
15M	QPSK	1	0	23.26	23.28	23.12	0
		1	37	23.17	23.20	23.09	0
		1	74	22.99	23.09	22.97	0
		36	0	21.89	22.08	21.89	1
		36	19	21.86	21.95	21.85	1
		36	39	21.92	21.96	21.81	1
		75	0	21.92	21.97	21.86	1
15M	16QAM	1	0	22.28	22.40	22.26	1
		1	37	22.22	22.32	22.24	1
		1	74	22.21	22.19	22.11	1
		36	0	20.94	21.03	20.86	2
		36	19	20.99	21.04	20.85	2
		36	39	21.06	20.99	20.93	2
		75	0	20.91	21.01	20.90	2

LTE Conducted Power (Full)							
LTE Band 66							
BW	MCS MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP
		Channel		132022	132322	132622	3GPP
		Frequency (MHz)		1715	1745	1775	MPR
10M	QPSK	1	0	23.22	23.27	23.18	0
		1	24	23.12	23.15	23.12	0
		1	49	22.97	23.09	23.01	0
		25	0	21.97	21.99	21.89	1
		25	12	21.86	22.02	21.87	1
		25	25	21.93	21.92	21.87	1
		50	0	22.02	23.00	21.90	1
10M	16QAM	1	0	22.30	22.38	22.23	1
		1	24	22.22	22.32	22.29	1
		1	49	22.23	22.20	22.12	1
		25	0	20.94	21.04	20.88	2
		25	12	20.94	20.99	20.87	2
		25	25	20.97	20.96	20.98	2
		50	0	20.91	20.97	20.87	2
BW	MCS Index	Channel		131997	132322	132647	3GPP
		Frequency (MHz)		1712.5	1745	1777.5	MPR
5M	QPSK	1	0	23.18	23.24	23.19	0
		1	12	23.09	23.20	23.07	0
		1	24	22.95	23.09	22.93	0
		12	0	21.89	21.99	21.87	1
		12	6	21.94	22.03	21.79	1
		12	13	21.91	21.92	21.83	1
		25	0	21.92	21.82	21.93	1
5M	16QAM	1	0	22.33	22.35	22.29	1
		1	12	22.32	22.30	22.21	1
		1	24	22.20	22.17	22.14	1
		12	0	21.02	21.04	20.85	2
		12	6	20.93	21.04	20.92	2
		12	13	20.98	21.01	20.96	2
		25	0	20.87	20.99	20.90	2

LTE Conducted Power (Full)							
LTE Band 66							
BW	MCS MCS 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	23.21	23.22	23.12	0
		1	7	23.10	23.19	23.11	0
		1	14	22.97	23.11	22.92	0
		8	0	21.91	22.08	21.92	1
		8	3	21.84	22.03	21.86	1
		8	7	21.86	21.92	21.86	1
		15	0	21.96	21.99	21.95	1
3M	16QAM	1	0	22.32	22.38	22.27	1
		1	7	22.27	22.36	22.22	1
		1	14	22.14	22.21	22.10	1
		8	0	20.95	21.06	20.91	2
		8	3	20.98	21.05	20.88	2
		8	7	20.96	21.04	20.90	2
		15	0	20.87	20.96	20.83	2
BW	MCS Index	Channel		131979	132322	132665	3GPP
		Frequency (MHz)		1710.7	1745	1779.3	MPR
		1.4M	QPSK	1	0	23.14	23.12
1	2			23.06	23.15	23.09	0
1	5			22.89	23.05	22.83	0
3	0			22.74	22.85	22.78	0
3	1			22.71	22.82	22.73	0
3	3			22.68	22.75	22.69	0
6	0			21.86	21.98	21.85	1
1.4M	16QAM	1	0	22.23	22.37	22.18	1
		1	2	22.19	22.28	22.15	1
		1	5	22.10	22.17	22.04	1
		3	0	21.75	21.82	21.78	1
		3	1	21.71	21.72	21.75	1
		3	3	21.65	21.68	21.72	1
		6	0	20.87	20.91	20.83	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	24.12	24.16	24.21	0
		1	50	23.93	23.95	24.03	0
		1	99	23.96	23.89	23.98	0
		50	0	23.02	22.96	23.06	1
		50	25	23.01	22.95	23.04	1
		50	50	22.87	22.92	22.97	1
		100	0	22.95	23.01	23.02	1
20M	16QAM	1	0	23.47	23.41	23.47	1
		1	50	23.17	23.18	23.21	1
		1	99	23.09	23.08	23.14	1
		50	0	22.06	22.01	22.09	2
		50	25	22.00	21.98	22.07	2
		50	50	21.97	21.97	21.99	2
		100	0	22.04	21.96	22.06	2
BW	MCS Index	Channel		133197	133297	133397	3GPP MPR
		Frequency (MHz)		670.5	680.5	690.5	
15M	QPSK	1	0	24.03	24.07	24.16	0
		1	37	23.84	23.91	24.01	0
		1	74	23.91	23.79	23.93	0
		36	0	22.94	22.96	22.97	1
		36	19	22.94	22.93	22.97	1
		36	39	22.83	22.89	22.90	1
		75	0	22.93	22.98	22.97	1
15M	16QAM	1	0	23.42	23.33	23.47	1
		1	37	23.08	23.12	23.11	1
		1	74	23.08	23.01	23.06	1
		36	0	21.97	21.94	22.07	2
		36	19	21.97	21.96	22.04	2
		36	39	21.92	21.91	21.96	2
		75	0	22.00	21.89	22.03	2

LTE Conducted Power (Full)							
LTE Band 71							
BW	MCS MCS Index	RB Size	RB Offset	Low	Mid	Mid	3GPP
		Channel		133172	133297	133422	3GPP
		Frequency (MHz)		668	680.5	693	MPR
10M	QPSK	1	0	24.04	24.08	24.14	0
		1	24	23.89	23.89	23.95	0
		1	49	23.94	23.88	23.91	0
		25	0	22.93	22.93	23.05	1
		25	12	22.96	22.93	23.01	1
		25	25	22.80	22.85	22.93	1
		50	0	22.90	23.00	22.92	1
10M	16QAM	1	0	23.46	23.38	23.45	1
		1	24	23.17	23.15	23.12	1
		1	49	23.09	23.01	23.08	1
		25	0	21.96	22.01	22.00	2
		25	12	21.92	21.98	21.98	2
		25	25	21.92	21.88	21.97	2
		50	0	22.00	21.93	21.98	2
BW	MCS Index	Channel		133147	133297	133447	3GPP
		Frequency (MHz)		665.5	680.5	695.5	MPR
		RB Size	RB Offset				
5M	QPSK	1	0	24.03	24.11	24.12	0
		1	12	23.93	23.94	23.99	0
		1	24	23.86	23.85	23.90	0
		12	0	22.93	22.91	23.03	1
		12	6	22.97	22.88	22.98	1
		12	13	22.79	22.86	22.90	1
		25	0	22.86	22.98	22.99	1
5M	16QAM	1	0	23.46	23.41	23.44	1
		1	12	23.16	23.18	23.17	1
		1	24	23.05	23.03	23.04	1
		12	0	21.96	21.92	22.02	2
		12	6	21.90	21.97	22.07	2
		12	13	21.94	21.92	21.98	2
		25	0	21.96	21.89	21.98	2

LTE Conducted Power (Reduction)							
LTE Band 4							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)
		Channel		20050	20175	20300	
		Frequency (MHz)		1720	1732.5	1745	
20M	QPSK	1	0	18.95	18.99	18.93	0
		1	50	18.80	18.83	18.79	0
		1	99	18.72	18.79	18.74	0
		50	0	17.85	17.91	17.90	1
		50	25	17.78	17.86	17.77	1
		50	50	17.84	17.85	17.75	1
		100	0	17.81	17.84	17.79	1
20M	16QAM	1	0	17.80	17.89	17.86	1
		1	50	17.78	17.85	17.84	1
		1	99	17.82	17.82	17.73	1
		50	0	16.94	16.96	16.86	2
		50	25	16.91	16.92	16.83	2
		50	50	16.87	16.88	16.78	2
		100	0	16.77	16.85	16.77	2
BW	MCS Index	Channel		20025	20175	20325	3GPP MPR
		Frequency (MHz)		1717.5	1732.5	1747.5	
		1	0	18.86	18.98	18.93	
15M	QPSK	1	37	18.77	18.77	18.72	0
		1	74	18.62	18.78	18.66	0
		36	0	17.77	17.84	17.86	1
		36	19	17.73	17.84	17.67	1
		36	39	17.75	17.79	17.65	1
		75	0	17.71	17.81	17.73	1
		1	0	17.76	17.80	17.80	1
15M	16QAM	1	37	17.77	17.80	17.75	1
		1	74	17.78	17.82	17.73	1
		36	0	16.90	16.87	16.84	2
		36	19	16.91	16.89	16.83	2
		36	39	16.79	16.81	16.69	2
		75	0	16.75	16.77	16.75	2

LTE Conducted Power (Reduction)							
LTE Band 4							
BW	MCS Index	Channel		20000	20175	20350	3GPP MPR
		Frequency (MHz)		1715	1732.5	1750	
10M	QPSK	1	0	18.95	18.95	18.89	0
		1	24	18.76	18.83	18.74	0
		1	49	18.70	18.78	18.70	0
		25	0	17.83	17.91	17.80	1
		25	12	17.72	17.83	17.67	1
		25	25	17.74	17.84	17.67	1
		50	0	17.72	17.77	17.78	1
10M	16QAM	1	0	17.71	17.87	17.82	1
		1	24	17.72	17.81	17.81	1
		1	49	17.81	17.73	17.73	1
		25	0	16.87	16.87	16.84	2
		25	12	16.91	16.92	16.75	2
		25	25	16.82	16.86	16.78	2
		50	0	16.70	16.76	16.67	2
BW	MCS Index	Channel		19975	20175	20375	3GPP MPR
		Frequency (MHz)		1712.5	1732.5	1752.5	
5M	QPSK	1	0	18.88	18.91	18.86	0
		1	12	18.72	18.82	18.72	0
		1	24	18.71	18.78	18.66	0
		12	0	17.77	17.84	17.80	1
		12	6	17.72	17.84	17.75	1
		12	13	17.79	17.78	17.65	1
		25	0	17.76	17.74	17.72	1
5M	16QAM	1	0	17.74	17.84	17.77	1
		1	12	17.74	17.84	17.82	1
		1	24	17.75	17.76	17.72	1
		12	0	16.86	16.92	16.83	2
		12	6	16.87	16.88	16.81	2
		12	13	16.84	16.79	16.77	2
		25	0	16.68	16.84	16.67	2

LTE Conducted Power (Reduction)							
LTE Band 4							
BW	MCS Index	Channel		19965	20175	20385	3GPP MPR
		Frequency (MHz)		1711.5	1732.5	1753.5	
3M	QPSK	1	0	18.88	18.90	18.93	0
		1	7	18.78	18.74	18.71	0
		1	14	18.64	18.73	18.67	0
		8	0	17.77	17.88	17.81	1
		8	3	17.73	17.80	17.74	1
		8	7	17.74	17.78	17.74	1
		15	0	17.78	17.74	17.77	1
3M	16QAM	1	0	17.78	17.80	17.79	1
		1	7	17.73	17.77	17.76	1
		1	14	17.77	17.80	17.67	1
		8	0	16.86	16.91	16.85	2
		8	3	16.81	16.92	16.78	2
		8	7	16.79	16.84	16.78	2
		15	0	16.67	16.82	16.70	2
BW	MCS Index	Channel		19957	20175	20393	3GPP MPR
		Frequency (MHz)		1710.7	1732.5	1754.3	
1.4M	QPSK	1	0	18.79	18.92	18.82	0
		1	2	18.64	18.71	18.60	0
		1	5	18.54	18.65	18.68	0
		3	0	17.84	17.76	17.78	0
		3	1	17.58	17.67	17.69	0
		3	3	17.68	17.76	17.66	0
		6	0	17.72	17.66	17.76	1
1.4M	16QAM	1	0	17.65	17.76	17.79	1
		1	2	17.54	17.71	17.82	1
		1	5	17.69	17.62	17.63	1
		3	0	16.86	16.87	16.69	1
		3	1	16.86	16.85	16.72	1
		3	3	16.83	16.76	16.63	1
		6	0	16.62	16.76	16.55	2

LTE Conducted Power (Reduction)							
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	20.30	20.33	20.32	0
		1	50	19.90	19.97	19.93	0
		1	99	19.88	19.95	19.89	0
		50	0	19.04	19.12	19.04	1
		50	25	18.94	19.08	19.03	1
		50	50	19.04	19.05	19.01	1
		100	0	18.92	19.04	18.99	1
20M	16QAM	1	0	19.06	19.18	19.11	1
		1	50	19.01	19.12	19.03	1
		1	99	19.02	19.10	19.06	1
		50	0	18.01	18.11	18.07	2
		50	25	18.06	18.09	18.07	2
		50	50	17.91	17.99	17.99	2
		100	0	17.89	17.96	17.96	2
BW	MCS Index	Channel		20825	21100	21375	3GPP MPR
		Frequency (MHz)		2507.5	2535	2562.5	
		RB Size	RB Offset				
15M	QPSK	1	0	20.20	20.29	20.30	0
		1	37	19.84	19.91	19.90	0
		1	74	19.79	19.89	19.91	0
		36	0	19.01	18.94	19.10	1
		36	19	18.87	18.95	19.02	1
		36	39	19.00	18.99	19.05	1
		75	0	18.85	18.98	19.00	1
15M	16QAM	1	0	19.05	19.01	19.16	1
		1	37	18.98	18.97	19.11	1
		1	74	19.01	19.03	19.03	1
		36	0	17.91	18.00	18.03	2
		36	19	18.02	17.99	18.04	2
		36	39	17.91	17.97	17.98	2
		75	0	17.84	17.90	17.99	2

LTE Conducted Power (Reduction)							
LTE Band 7							
BW	MCS Index	Channel		20800	21100	21400	3GPP MPR
		Frequency (MHz)		2505	2535	2565	
10M	QPSK	1	0	20.22	20.28	20.26	0
		1	24	19.81	19.89	19.95	0
		1	49	19.78	19.80	19.90	0
		25	0	18.96	18.95	19.07	1
		25	12	18.86	19.03	19.04	1
		25	25	19.01	18.97	18.95	1
		50	0	18.84	18.90	18.95	1
10M	16QAM	1	0	18.98	19.02	19.17	1
		1	24	18.97	18.96	19.09	1
		1	49	18.97	19.01	19.06	1
		25	0	17.98	18.05	18.01	2
		25	12	18.00	18.06	18.02	2
		25	25	17.85	17.98	18.07	2
		50	0	17.89	17.90	18.03	2
BW	MCS Index	Channel		20775	21100	21425	3GPP MPR
		Frequency (MHz)		2502.5	2535	2567.5	
5M	QPSK	1	0	20.19	20.21	20.23	0
		1	12	19.84	19.83	19.94	0
		1	24	19.84	19.83	19.90	0
		12	0	18.96	18.95	19.07	1
		12	6	18.88	18.94	19.01	1
		12	13	18.97	19.03	19.01	1
		25	0	18.90	18.95	18.96	1
5M	16QAM	1	0	19.06	19.02	19.12	1
		1	12	18.93	18.97	19.06	1
		1	24	19.01	18.97	19.08	1
		12	0	18.00	18.04	18.03	2
		12	6	18.06	18.03	18.04	2
		12	13	17.85	17.97	17.98	2
		25	0	17.81	17.94	18.05	2

LTE Conducted Power (Reduction)							
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	21.83	21.81	21.84	0
		1	50	21.67	21.61	21.74	0
		1	99	21.63	21.63	21.72	0
		50	0	20.88	20.86	20.91	1
		50	25	20.87	20.86	20.89	1
		50	50	20.77	20.67	20.79	1
		100	0	20.78	20.73	20.85	1
20M	16QAM	1	0	20.79	20.72	20.85	1
		1	50	20.77	20.67	20.82	1
		1	99	20.79	20.75	20.81	1
		50	0	19.91	19.81	19.98	2
		50	25	19.95	19.86	19.95	2
		50	50	19.80	19.76	19.87	2
		100	0	19.92	19.92	19.92	2
BW	MCS Index	Channel		37825	38000	38175	3GPP MPR
		Frequency (MHz)		2577.5	2595	2612.5	
15M	QPSK	1	0	21.81	21.71	21.83	0
		1	37	21.65	21.53	21.72	0
		1	74	21.58	21.55	21.62	0
		36	0	20.78	20.84	20.88	1
		36	19	20.86	20.76	20.79	1
		36	39	20.74	20.59	20.78	1
		75	0	20.74	20.66	20.76	1
15M	16QAM	1	0	20.77	20.66	20.81	1
		1	37	20.70	20.63	20.77	1
		1	74	20.77	20.74	20.79	1
		36	0	19.85	19.80	19.98	2
		36	19	19.86	19.77	19.85	2
		36	39	19.79	19.73	19.84	2
		75	0	19.91	19.85	19.83	2



LTE Conducted Power (Reduction)							
LTE Band 38							
BW	MCS Index	Channel		37800	38000	38200	3GPP MPR
		Frequency (MHz)		2575	2595	2615	
10M	QPSK	1	0	21.80	21.80	21.76	0
		1	24	21.59	21.54	21.69	0
		1	49	21.61	21.58	21.66	0
		25	0	20.82	20.85	20.83	1
		25	12	20.82	20.85	20.79	1
		25	25	20.76	20.65	20.73	1
		50	0	20.72	20.71	20.78	1
10M	16QAM	1	0	20.76	20.64	20.75	1
		1	24	20.67	20.60	20.78	1
		1	49	20.78	20.73	20.80	1
		25	0	19.83	19.77	19.95	2
		25	12	19.92	19.79	19.91	2
		25	25	19.79	19.74	19.87	2
		50	0	19.86	19.92	19.91	2
BW	MCS Index	Channel		37775	38000	38225	3GPP MPR
		Frequency (MHz)		2572.5	2595	2617.5	
5M	QPSK	1	0	21.80	21.71	21.74	0
		1	12	21.63	21.55	21.69	0
		1	24	21.59	21.58	21.68	0
		12	0	20.88	20.80	20.81	1
		12	6	20.86	20.76	20.86	1
		12	13	20.72	20.63	20.79	1
		25	0	20.77	20.71	20.80	1
5M	16QAM	1	0	20.72	20.69	20.84	1
		1	12	20.69	20.61	20.72	1
		1	24	20.75	20.68	20.73	1
		12	0	19.82	19.72	19.93	2
		12	6	19.85	19.81	19.93	2
		12	13	19.77	19.69	19.81	2
		25	0	19.91	19.82	19.88	2

LTE Conducted Power (Reduction)									
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	22.32	22.36	22.34	22.37	22.38	0
		1	50	21.65	21.75	21.69	21.78	21.86	0
		1	99	21.73	21.75	21.75	21.77	21.83	0
		50	0	20.83	20.93	20.91	20.89	20.99	1
		50	25	20.80	20.91	20.88	20.84	20.97	1
		50	50	20.75	20.87	20.89	20.82	20.92	1
		100	0	20.85	20.88	20.88	20.89	20.98	1
20M	16QAM	1	0	21.28	21.31	21.37	20.99	21.07	1
		1	50	20.69	20.74	20.77	20.92	20.96	1
		1	99	20.73	20.73	20.76	20.89	20.92	1
		50	0	19.81	19.86	19.84	20.07	20.08	2
		50	25	19.88	19.92	19.85	19.99	20.03	2
		50	50	19.81	19.83	19.86	19.89	19.97	2
		100	0	19.83	19.87	19.88	19.94	20.02	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	22.26	22.29	22.31	22.31	22.34	0
		1	37	21.65	21.68	21.61	21.76	21.78	0
		1	74	21.73	21.68	21.66	21.74	21.76	0
		36	0	20.77	20.83	20.72	20.92	20.89	1
		36	19	20.86	20.91	20.82	20.90	20.93	1
		36	39	20.85	20.83	20.86	20.87	20.82	1
		75	0	20.76	20.81	20.85	20.90	20.87	1
15M	16QAM	1	0	21.26	21.27	21.28	21.01	21.30	1
		1	37	20.64	20.70	20.76	20.87	20.68	1
		1	74	20.73	20.71	20.76	20.91	20.76	1
		36	0	19.81	19.84	19.76	20.04	19.84	2
		36	19	19.83	19.83	19.75	19.99	19.89	2
		36	39	19.73	19.83	19.76	19.87	19.85	2
		75	0	19.77	19.86	19.82	19.98	19.86	2

LTE Conducted Power (Reduction)									
LTE Band 41									
BW	MCS Index	Channel		39700	40160	40620	41080	41540	3GPP MPR
		Frequency (MHz)		2501	2547	2593	2639	2685	
10M	QPSK	1	0	22.23	22.29	22.34	22.30	22.31	0
		1	24	21.57	21.71	21.69	21.78	21.68	0
		1	49	21.72	21.71	21.75	21.82	21.75	0
		25	0	20.79	20.87	20.71	20.90	20.88	1
		25	12	20.83	20.87	20.87	20.90	20.91	1
		25	25	20.80	20.86	20.86	20.85	20.90	1
		50	0	20.83	20.83	20.78	20.96	20.89	1
10M	16QAM	1	0	21.25	21.24	21.34	20.97	21.32	1
		1	24	20.67	20.67	20.76	20.88	20.71	1
		1	49	20.69	20.67	20.75	20.82	20.68	1
		25	0	19.71	19.80	19.74	19.99	19.82	2
		25	12	19.83	19.90	19.82	19.97	19.91	2
		25	25	19.75	19.83	19.85	19.94	19.88	2
		50	0	19.82	19.81	19.83	20.01	19.84	2
BW	MCS Index	Channel		39675	40148	40620	41093	41565	3GPP MPR
		Frequency (MHz)		2498.5	2545.8	2593	2640.3	2687.5	
5M	QPSK	1	0	22.24	22.32	22.29	22.29	22.27	0
		1	12	21.65	21.71	21.61	21.78	21.74	0
		1	24	21.65	21.75	21.65	21.74	21.71	0
		12	0	20.83	20.86	20.76	20.91	20.81	1
		12	6	20.89	20.81	20.82	20.91	20.85	1
		12	13	20.78	20.83	20.87	20.86	20.92	1
		25	0	20.80	20.78	20.80	20.88	20.80	1
5M	16QAM	1	0	21.23	21.31	21.34	21.05	21.28	1
		1	12	20.67	20.73	20.69	20.95	20.70	1
		1	24	20.70	20.73	20.71	20.86	20.73	1
		12	0	19.80	19.86	19.74	20.03	19.89	2
		12	6	19.79	19.82	19.78	20.00	19.89	2
		12	13	19.74	19.77	19.85	19.87	19.83	2
		25	0	19.79	19.80	19.83	19.98	19.87	2

LTE Conducted Power (Reduction)							
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	18.97	18.93	18.95	0
		1	50	18.80	18.85	18.71	0
		1	99	18.66	18.74	18.61	0
		50	0	17.91	17.89	17.67	1
		50	25	17.64	17.73	17.61	1
		50	50	17.66	17.71	17.60	1
		100	0	17.79	17.75	17.63	1
20M	16QAM	1	0	17.83	17.83	17.75	1
		1	50	17.71	17.75	17.71	1
		1	99	17.69	17.69	17.68	1
		50	0	16.83	16.83	16.78	2
		50	25	16.72	16.72	16.69	2
		50	50	16.74	16.74	16.66	2
		100	0	16.70	16.70	16.60	2
BW	MCS Index	Channel		132047	132322	132597	3GPP MPR
		Frequency (MHz)		1717.5	1745	1772.5	
		15M	QPSK	1	0	18.95	
1	37			18.76	18.79	18.62	0
1	74			18.69	18.60	18.60	0
36	0			17.69	17.71	17.65	1
36	19			17.73	17.62	17.53	1
36	39			17.64	17.56	17.55	1
75	0			17.75	17.65	17.61	1
15M	16QAM	1	0	17.75	17.74	17.68	1
		1	37	17.71	17.69	17.67	1
		1	74	17.71	17.60	17.64	1
		36	0	16.75	16.80	16.69	2
		36	19	16.70	16.70	16.60	2
		36	39	16.75	16.68	16.56	2
		75	0	16.70	16.68	16.59	2

LTE Conducted Power (Reduction)							
LTE Band 66							
BW	MCS Index	Channel		132022	132322	132622	3GPP MPR
		Frequency (MHz)		1715	1745	1775	
10M	QPSK	1	0	18.93	18.90	18.91	0
		1	24	18.76	18.71	18.69	0
		1	49	18.74	18.58	18.51	0
		25	0	17.73	17.68	17.67	1
		25	12	17.67	17.60	17.59	1
		25	25	17.61	17.65	17.54	1
		50	0	17.73	17.62	17.63	1
10M	16QAM	1	0	17.74	17.82	17.67	1
		1	24	17.74	17.68	17.67	1
		1	49	17.70	17.62	17.58	1
		25	0	16.82	16.80	16.69	2
		25	12	16.74	16.67	16.59	2
		25	25	16.70	16.74	16.61	2
		50	0	16.73	16.63	16.53	2
BW	MCS Index	Channel		131997	132322	132647	3GPP MPR
		Frequency (MHz)		1712.5	1745	1777.5	
5M	QPSK	1	0	18.92	18.91	18.93	0
		1	12	18.77	18.75	18.61	0
		1	24	18.74	18.63	18.61	0
		12	0	17.72	17.70	17.64	1
		12	6	17.71	17.59	17.54	1
		12	13	17.63	17.61	17.53	1
		25	0	17.66	17.60	17.54	1
5M	16QAM	1	0	17.76	17.82	17.69	1
		1	12	17.65	17.61	17.66	1
		1	24	17.66	17.69	17.58	1
		12	0	16.78	16.82	16.75	2
		12	6	16.68	16.63	16.61	2
		12	13	16.73	16.67	16.65	2
		25	0	16.70	16.62	16.60	2

LTE Conducted Power (Reduction)							
LTE Band 66							
BW	MCS Index	Channel		131987	132322	132657	3GPP MPR
		Frequency (MHz)		1711.5	1745	1778.5	
3M	QPSK	1	0	18.87	18.87	18.86	0
		1	7	18.76	18.69	18.55	0
		1	14	18.71	18.58	18.51	0
		8	0	17.62	17.67	17.57	1
		8	3	17.71	17.58	17.45	1
		8	7	17.62	17.55	17.50	1
		15	0	17.58	17.56	17.50	1
3M	16QAM	1	0	17.67	17.80	17.68	1
		1	7	17.61	17.57	17.63	1
		1	14	17.64	17.66	17.51	1
		8	0	16.77	16.80	16.68	2
		8	3	16.60	16.54	16.55	2
		8	7	16.70	16.64	16.58	2
		15	0	16.62	16.61	16.50	2
BW	MCS Index	Channel		131979	132322	132665	3GPP MPR
		Frequency (MHz)		1710.7	1745	1779.3	
1.4M	QPSK	1	0	18.76	18.79	18.83	0
		1	2	18.65	18.54	18.39	0
		1	5	18.58	18.49	18.56	0
		3	0	17.65	17.61	17.52	0
		3	1	17.52	17.53	17.45	0
		3	3	17.44	17.38	17.40	0
		6	0	17.42	17.54	17.33	1
1.4M	16QAM	1	0	17.67	17.75	17.57	1
		1	2	17.59	17.46	17.60	1
		1	5	17.51	17.62	17.51	1
		3	0	16.71	16.81	16.57	1
		3	1	16.57	16.53	16.41	1
		3	3	16.53	16.63	16.64	1
		6	0	16.66	16.52	16.53	2

Conducted Power (Full)_AX201_NB			
WLAN2.4GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11b	1	2412	19.47
	6	2437	19.97
	11	2462	19.47
	12	2467	18.46
	13	2472	15.44
802.11g	1	2412	16.89
	6	2437	19.68
	11	2462	16.14
	12	2467	14.88
	13	2467	1.85
802.11n HT20	1	2412	16.85
	6	2437	19.68
	11	2462	15.91
	12	2467	14.87
	13	2472	1.88
802.11n HT40	3	2422	16.35
	6	2437	17.44
	9	2452	15.9
	10	2457	12.11
	11	2462	4.9
802.11ax HE20	1	2412	16.87
	6	2437	19.62
	11	2462	15.93
	12	2467	14.87
	13	2472	1.84
802.11ax HE40	3	2422	16.43
	6	2437	16.38
	9	2452	15.87
	10	2457	12.18
	11	2462	5.43

Conducted Power (Full)_AX201_NB			
WLAN2.4GHz Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11b	1	2412	17.97
	6	2437	17.99
	11	2462	17.96
	12	2467	17.97
	13	2472	15.43
802.11g	1	2412	16.86
	6	2437	17.86
	11	2462	16.43
	12	2467	14.86
	13	2472	1.44
802.11n HT20	1	2412	16.89
	6	2437	17.91
	11	2462	16.41
	12	2467	14.93
	13	2472	1.42
802.11n HT40	3	2422	16.34
	6	2437	17.34
	9	2452	15.94
	10	2457	11.9
	11	2462	4.93
802.11ax HE20	1	2412	16.87
	6	2437	17.92
	11	2462	15.92
	12	2467	14.93
	13	2472	1.39
802.11ax HE40	3	2422	16.41
	6	2437	16.4
	9	2452	15.91
	10	2457	11.93
	11	2462	4.38



Conducted Power (Full)_AX201_NB					
WLAN2.4GHz Ant 0+1					
Mode	Channel	Frequency	MIMO Ant 0 Avg. Power	MIMO Ant 1 Avg. Power	MIMO Ant 0+1 Avg. Power
802.11b	1	2412			
	6	2437			
	11	2462			
	12	2467			
	13	2472			
802.11g	1	2412			
	6	2437			
	11	2462			
	12	2467			
	13	2472			
802.11n HT20	1	2412	13.95	13.94	16.96
	6	2437	17.49	17.42	20.47
	11	2462	13.68	13.74	16.72
	12	2467	12.48	12.41	15.46
	13	2472	-1.05	-1.02	1.98
802.11n HT40	3	2422	13.65	13.68	16.68
	6	2437	15.4	15.36	18.39
	9	2452	13.33	13.36	16.36
	10	2457	9.61	9.66	12.65
	11	2462	1.85	1.84	4.86
802.11ax HE20	1	2412	13.86	13.89	16.89
	6	2437	17.34	17.43	20.40
	11	2462	13.58	13.6	16.60
	12	2467	12.35	12.42	15.40
	13	2472	-1.12	-1.16	1.87
802.11ax HE40	3	2422	13.65	13.66	16.67
	6	2437	15.43	15.36	18.41
	9	2452	13.39	13.42	16.42
	10	2457	9.63	9.59	12.62
	11	2462	2.91	2.9	5.92



Conducted Power (Full)_AX201_NB			
Bluetooth Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
BR / EDR	0	2402	9.81
	39	2441	9.86
	78	2480	9.78
LE	0	2402	6.88
	19	2440	6.89
	39	2480	6.92

Conducted Power (Full)_AX201_NB			
WLAN 5.3GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11a	52	5260	19.93
	56	5280	19.89
	60	5300	19.37
	64	5320	17.16
802.11n HT20	52	5260	19.91
	56	5280	19.93
	60	5300	19.41
	64	5320	17.13
802.11n HT40	54	5270	19.96
	62	5310	16.43
802.11ac VHT80	58	5290	17.36
802.11ac VHT160	50	5250	14.61
802.11ax HE20	52	5260	19.87
	56	5280	19.88
	60	5300	19.35
	64	5320	17.16
802.11ax HE40	54	5270	19.86
	62	5310	16.44
802.11ax HE80	58	5290	17.39
802.11ax HE160	50	5250	14.64

Conducted Power (Full)_AX201_NB			
WLAN 5.3GHz Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11a	52	5260	14.92
	56	5280	14.87
	60	5300	14.86
	64	5320	14.93
802.11n HT20	52	5260	14.88
	56	5280	14.85
	60	5300	14.86
	64	5320	14.85
802.11n HT40	54	5270	14.96
	62	5310	14.93
802.11ac VHT80	58	5290	14.93
802.11ac VHT160	50	5250	14.85
802.11ax HE20	52	5260	14.93
	56	5280	14.94
	60	5300	14.86
	64	5320	14.93
802.11ax HE40	54	5270	14.89
	62	5310	14.91
802.11ax HE80	58	5290	14.85
802.11ax HE160	50	5250	14.93

Conducted Power (Full)_AX201_NB					
WLAN 5.3GHz Ant 0+1					
Mode	Channel	Frequency	MIMO Ant 0 Avg. Power	MIMO Ant 1 Avg. Power	MIMO Ant 0+1 Avg. Power
802.11a	52	5260			
	56	5280			
	60	5300			
	64	5320			
802.11n HT20	52	5260	14.84	14.91	17.89
	56	5280	14.91	14.92	17.93
	60	5300	14.91	14.88	17.91
	64	5320	13.41	13.38	16.41
802.11n HT40	54	5270	14.98	14.93	17.97
	62	5310	12.94	12.98	15.97
802.11ac VHT80	58	5290	13.91	13.89	16.91
802.11ac VHT160	50	5250	11.88	11.91	14.91
802.11ax HE20	52	5260	14.88	14.89	17.9
	56	5280	14.92	14.85	17.9
	60	5300	14.93	14.87	17.91
	64	5320	13.33	13.36	16.36
802.11ax HE40	54	5270	14.85	14.84	17.86
	62	5310	12.85	12.92	15.9
802.11ax HE80	58	5290	13.84	13.87	16.87
802.11ax HE160	50	5250	11.87	11.95	14.92

Conducted Power (Full)_AX201_NB			
WLAN 5.6GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11a	100	5500	17.43
	116	5580	19.9
	120	5600	19.91
	124	5620	19.86
	132	5660	19.87
	140	5700	17.59
	144	5720	19.88
802.11n HT20	100	5500	17.44
	116	5580	19.89
	120	5600	19.93
	124	5620	19.89
	132	5660	19.89
	140	5700	17.69
	144	5720	19.37
802.11n HT40	102	5510	17.61
	110	5550	19.85
	118	5590	19.87
	126	5630	19.88
	134	5670	18.86
	142	5710	19.93
802.11ac VHT80	106	5530	17.74
	122	5610	19.45
	138	5690	19.96
802.11ac VHT160	114	5570	14.39
802.11ax HE20	100	5500	17.44
	116	5580	19.86
	120	5600	19.93
	124	5620	19.94
	132	5660	19.94
	140	5700	17.61
	144	5720	19.85
802.11ax HE40	102	5510	17.68
	110	5550	19.92
	118	5590	19.91
	126	5630	19.86
	134	5670	18.94
	142	5710	19.91
802.11ax HE80	106	5530	17.43
	122	5610	19.41
	138	5690	19.89
802.11ax HE160	114	5570	14.42

Conducted Power (Full)_AX201_NB			
WLAN 5.6GHz Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11a	100	5500	14.87
	116	5580	14.92
	120	5600	14.89
	124	5620	14.92
	132	5660	14.84
	140	5700	14.87
	144	5720	14.84
802.11n HT20	100	5500	14.85
	116	5580	14.88
	120	5600	14.89
	124	5620	14.91
	132	5660	14.83
	140	5700	14.85
	144	5720	14.84
802.11n HT40	102	5510	14.86
	110	5550	14.82
	118	5590	14.83
	126	5630	14.89
	134	5670	14.82
	142	5710	14.86
802.11ac VHT80	106	5530	14.95
	122	5610	14.96
	138	5690	14.99
802.11ac VHT160	114	5570	14.38
802.11ax HE20	100	5500	14.88
	116	5580	14.92
	120	5600	14.86
	124	5620	14.85
	132	5660	14.89
	140	5700	14.87
	144	5720	14.84
802.11ax HE40	102	5510	14.85
	110	5550	14.87
	118	5590	14.82
	126	5630	14.85
	134	5670	14.92
	142	5710	14.88
802.11ax HE80	106	5530	14.87
	122	5610	14.91
	138	5690	14.89
802.11ax HE160	114	5570	14.35

Conducted Power (Full)_AX201_NB					
WLAN 5.6GHz Ant 0+1					
Mode	Channel	Frequency	MIMO Ant 0 Avg. Power	MIMO Ant 1 Avg. Power	MIMO Ant 0+1 Avg. Power
802.11a	100	5500			
	116	5580			
	120	5600			
	124	5620			
	132	5660			
	140	5700			
	144	5720			
802.11n HT20	100	5500	13.88	13.87	16.89
	116	5580	14.89	14.93	17.92
	120	5600	14.86	14.89	17.89
	124	5620	14.84	14.85	17.86
	132	5660	14.91	14.87	17.9
	140	5700	14.34	14.41	17.39
	144	5720	14.93	14.85	17.9
802.11n HT40	102	5510	13.92	13.89	16.92
	110	5550	14.93	14.91	17.93
	118	5590	14.83	14.89	17.87
	126	5630	14.93	14.84	17.9
	134	5670	14.84	14.94	17.9
	142	5710	14.88	14.92	17.91
802.11ac VHT80	106	5530	14.96	14.92	17.95
	122	5610	14.94	14.92	17.94
	138	5690	14.97	14.99	17.99
802.11ac VHT160	114	5570	11.91	11.88	14.91
802.11ax HE20	100	5500	13.92	13.83	16.89
	116	5580	14.93	14.92	17.94
	120	5600	14.91	14.92	17.93
	124	5620	14.93	14.86	17.91
	132	5660	14.85	14.88	17.88
	140	5700	13.91	13.85	16.89
	144	5720	14.85	14.93	17.9
802.11ax HE40	102	5510	13.91	13.91	16.92
	110	5550	14.86	14.93	17.91
	118	5590	14.89	14.85	17.88
	126	5630	14.89	14.92	17.92
	134	5670	14.87	14.87	17.88
	142	5710	14.91	14.89	17.91
802.11ax HE80	106	5530	14.85	14.91	17.89
	122	5610	14.89	14.86	17.89
	138	5690	14.83	14.84	17.85
802.11ax HE160	114	5570	11.92	11.83	14.89



Conducted Power (Full)_AX201_NB			
WLAN 5.8GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11a	149	5745	19.92
	153	5765	19.87
	157	5785	19.88
	161	5805	19.92
	165	5825	19.84
802.11n HT20	149	5745	19.86
	153	5765	19.92
	157	5785	19.95
	161	5805	19.93
	165	5825	19.93
802.11n HT40	151	5755	19.99
	159	5795	19.94
802.11ac VHT80	155	5775	18.84
802.11ax HE20	149	5745	19.89
	153	5765	19.92
	157	5785	19.88
	161	5805	19.91
	165	5825	19.93
802.11ax HE40	151	5755	19.84
	159	5795	19.86
802.11ax HE80	155	5775	18.85

Conducted Power (Full)_AX201_NB			
WLAN 5.8GHz Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11a	149	5745	14.86
	153	5765	14.89
	157	5785	14.85
	161	5805	14.91
	165	5825	14.82
802.11n HT20	149	5745	14.91
	153	5765	14.85
	157	5785	14.92
	161	5805	14.82
	165	5825	14.87
802.11n HT40	151	5755	14.96
	159	5795	14.93
802.11ac VHT80	155	5775	14.92
802.11ax HE20	149	5745	14.84
	153	5765	14.83
	157	5785	14.89
	161	5805	14.88
	165	5825	14.83
802.11ax HE40	151	5755	14.84
	159	5795	14.89
802.11ax HE80	155	5775	14.84

Conducted Power (Full)_AX201_NB					
WLAN 5.8GHz Ant 0+1					
Mode	Channel	Frequency	MIMO Ant 0 Avg. Power	MIMO Ant 1 Avg. Power	MIMO Ant 0+1 Avg. Power
802.11a	149	5745			
	153	5765			
	157	5785			
	161	5805			
	165	5825			
802.11n HT20	149	5745	14.89	14.83	17.87
	153	5765	14.86	14.89	17.89
	157	5785	14.91	14.88	17.91
	161	5805	14.84	14.91	17.89
	165	5825	14.89	14.86	17.89
802.11n HT40	151	5755	14.98	14.94	17.97
	159	5795	14.96	14.92	17.95
802.11ac VHT80	155	5775	14.85	14.86	17.87
802.11ax HE20	149	5745	14.85	14.83	17.85
	153	5765	14.93	14.87	17.91
	157	5785	14.87	14.91	17.9
	161	5805	14.89	14.91	17.91
	165	5825	14.88	14.87	17.89
802.11ax HE40	151	5755	14.93	14.89	17.92
	159	5795	14.83	14.91	17.88
802.11ax HE80	155	5775	14.85	14.87	17.87

Conducted Power (Full)_AX201_TB			
WLAN2.4GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11b	1	2412	19.47
	6	2437	19.97
	11	2462	19.47
	12	2467	18.46
	13	2472	15.44
802.11g	1	2412	16.88
	6	2437	19.62
	11	2462	16.19
	12	2467	14.86
	13	2472	1.86
802.11n HT20	1	2412	16.86
	6	2437	19.62
	11	2462	15.87
	12	2467	14.94
	13	2472	1.85
802.11n HT40	3	2422	16.4
	6	2437	17.36
	9	2452	15.87
	10	2457	12.11
	11	2462	4.88
802.11ax HE20	1	2412	16.85
	6	2437	19.61
	11	2462	15.89
	12	2467	14.84
	13	2472	1.87
802.11ax HE40	3	2422	16.34
	6	2437	16.37
	9	2452	15.88
	10	2457	12.1
	11	2462	5.39

Conducted Power (Full)_AX201_TB			
WLAN2.4GHz Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11b	1	2412	15.92
	6	2437	15.99
	11	2462	15.94
	12	2467	15.95
	13	2472	15.49
802.11g	1	2412	15.83
	6	2437	15.84
	11	2462	15.81
	12	2467	14.91
	13	2472	1.38
802.11n HT20	1	2412	15.86
	6	2437	15.89
	11	2462	15.83
	12	2467	14.93
	13	2472	1.41
802.11n HT40	3	2422	15.89
	6	2437	15.83
	9	2452	15.88
	10	2457	11.89
	11	2462	4.89
802.11ax HE20	1	2412	15.85
	6	2437	15.86
	11	2462	15.87
	12	2467	14.89
	13	2472	1.31
802.11ax HE40	3	2422	15.91
	6	2437	15.88
	9	2452	15.83
	10	2457	11.82
	11	2462	4.31

Conducted Power (Full)_AX201_TB					
WLAN2.4GHz Ant 0+1					
Mode	Channel	Frequency	MIMO Ant 0 Avg. Power	MIMO Ant 1 Avg. Power	MIMO Ant 0+1 Avg. Power
802.11b	1	2412			
	6	2437			
	11	2462			
	12	2467			
	13	2472			
802.11g	1	2412			
	6	2437			
	11	2462			
	12	2467			
	13	2472			
802.11n HT20	1	2412	13.95	13.94	16.96
	6	2437	15.97	15.99	18.99
	11	2462	13.68	13.74	16.72
	12	2467	12.48	12.41	15.46
	13	2472	-1.02	-1.04	1.98
802.11n HT40	3	2422	13.59	13.58	16.60
	6	2437	15.41	15.39	18.41
	9	2452	13.36	13.35	16.37
	10	2457	9.6	9.61	12.62
	11	2462	1.87	1.83	4.86
802.11ax HE20	1	2412	13.9	13.82	16.87
	6	2437	15.9	15.86	18.89
	11	2462	13.63	13.59	16.62
	12	2467	12.33	12.36	15.36
	13	2472	-1.14	-1.1	1.89
802.11ax HE40	3	2422	13.57	13.59	16.59
	6	2437	15.33	15.39	18.37
	9	2452	13.32	13.38	16.36
	10	2457	9.56	9.59	12.59
	11	2462	2.83	2.85	5.85



Conducted Power (Full)_AX201_TB			
Bluetooth Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
BR / EDR	0	2402	9.81
	39	2441	9.86
	78	2480	9.78
LE	0	2402	6.82
	19	2440	6.91
	39	2480	6.91

Conducted Power (Full)_AX201_TB			
WLAN 5.3GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11a	52	5260	15.94
	56	5280	15.84
	60	5300	15.91
	64	5320	15.86
802.11n HT20	52	5260	15.85
	56	5280	15.86
	60	5300	15.86
	64	5320	15.93
802.11n HT40	54	5270	15.92
	62	5310	15.89
802.11ac VHT80	58	5290	15.98
802.11ac VHT160	50	5250	14.64
802.11ax HE20	52	5260	15.86
	56	5280	15.89
	60	5300	15.87
	64	5320	15.91
802.11ax HE40	54	5270	15.89
	62	5310	15.86
802.11ax HE80	58	5290	15.84
802.11ax HE160	50	5250	14.63



Conducted Power (Full)_AX201_TB			
WLAN 5.3GHz Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11a	52	5260	10.84
	56	5280	10.83
	60	5300	10.82
	64	5320	10.82
802.11n HT20	52	5260	10.87
	56	5280	10.87
	60	5300	10.86
	64	5320	10.91
802.11n HT40	54	5270	10.81
	62	5310	10.83
802.11ac VHT80	58	5290	10.99
802.11ac VHT160	50	5250	10.88
802.11ax HE20	52	5260	10.81
	56	5280	10.84
	60	5300	10.83
	64	5320	10.89
802.11ax HE40	54	5270	10.89
	62	5310	10.86
802.11ax HE80	58	5290	10.87
802.11ax HE160	50	5250	10.85

Conducted Power (Full)_AX201_TB					
WLAN 5.3GHz Ant 0+1					
Mode	Channel	Frequency	MIMO Ant 0 Avg. Power	MIMO Ant 1 Avg. Power	MIMO Ant 0+1 Avg. Power
802.11a	52	5260			
	56	5280			
	60	5300			
	64	5320			
802.11n HT20	52	5260	10.86	10.85	13.87
	56	5280	10.84	10.91	13.89
	60	5300	10.85	10.82	13.85
	64	5320	10.91	10.88	13.91
802.11n HT40	54	5270	10.85	10.85	13.86
	62	5310	10.91	10.82	13.88
802.11ac VHT80	58	5290	10.97	10.95	13.97
802.11ac VHT160	50	5250	10.88	10.85	13.88
802.11ax HE20	52	5260	10.83	10.87	13.86
	56	5280	10.83	10.91	13.88
	60	5300	10.91	10.83	13.88
	64	5320	10.88	10.84	13.87
802.11ax HE40	54	5270	10.85	10.83	13.85
	62	5310	10.88	10.91	13.91
802.11ax HE80	58	5290	10.82	10.84	13.84
802.11ax HE160	50	5250	10.92	10.91	13.93

Conducted Power (Full)_AX201_TB			
WLAN 5.6GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11a	100	5500	14.85
	116	5580	14.92
	120	5600	14.89
	124	5620	14.88
	132	5660	14.89
	140	5700	14.94
	144	5720	14.87
802.11n HT20	100	5500	14.85
	116	5580	14.86
	120	5600	14.88
	124	5620	14.94
	132	5660	14.85
	140	5700	14.86
	144	5720	14.84
802.11n HT40	102	5510	14.87
	110	5550	14.91
	118	5590	14.87
	126	5630	14.89
	134	5670	14.93
	142	5710	14.91
802.11ac VHT80	106	5530	14.96
	122	5610	14.94
	138	5690	14.99
802.11ac VHT160	114	5570	14.38
802.11ax HE20	100	5500	14.88
	116	5580	14.87
	120	5600	14.88
	124	5620	14.86
	132	5660	14.93
	140	5700	14.93
	144	5720	14.92
802.11ax HE40	102	5510	14.91
	110	5550	14.86
	118	5590	14.87
	126	5630	14.93
	134	5670	14.85
	142	5710	14.94
802.11ax HE80	106	5530	14.91
	122	5610	14.85
	138	5690	14.89
802.11ax HE160	114	5570	14.46

Conducted Power (Full)_AX201_TB			
WLAN 5.6GHz Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11a	100	5500	12.86
	116	5580	12.84
	120	5600	12.85
	124	5620	12.87
	132	5660	12.92
	140	5700	12.86
	144	5720	12.82
802.11n HT20	100	5500	12.88
	116	5580	12.87
	120	5600	12.84
	124	5620	12.82
	132	5660	12.91
	140	5700	12.83
	144	5720	12.91
802.11n HT40	102	5510	12.87
	110	5550	12.84
	118	5590	12.81
	126	5630	12.84
	134	5670	12.85
	142	5710	12.9
802.11ac VHT80	106	5530	12.94
	122	5610	12.96
	138	5690	12.99
802.11ac VHT160	114	5570	12.81
802.11ax HE20	100	5500	12.86
	116	5580	12.89
	120	5600	12.91
	124	5620	12.82
	132	5660	12.91
	140	5700	12.87
	144	5720	12.84
802.11ax HE40	102	5510	12.86
	110	5550	12.91
	118	5590	12.85
	126	5630	12.83
	134	5670	12.94
	142	5710	12.91
802.11ax HE80	106	5530	12.89
	122	5610	12.88
	138	5690	12.91
802.11ax HE160	114	5570	12.95

Conducted Power (Full)_AX201_TB					
WLAN 5.6GHz Ant 0+1					
Mode	Channel	Frequency	MIMO Ant 0 Avg. Power	MIMO Ant 1 Avg. Power	MIMO Ant 0+1 Avg. Power
802.11a	100	5500			
	116	5580			
	120	5600			
	124	5620			
	132	5660			
	140	5700			
	144	5720			
802.11n HT20	100	5500	12.86	12.81	15.85
	116	5580	12.84	12.88	15.87
	120	5600	12.85	12.91	15.89
	124	5620	12.85	12.86	15.87
	132	5660	12.85	12.81	15.84
	140	5700	12.84	12.87	15.87
	144	5720	12.83	12.87	15.86
802.11n HT40	102	5510	12.91	12.85	15.89
	110	5550	12.91	12.91	15.92
	118	5590	12.84	12.86	15.86
	126	5630	12.92	12.87	15.91
	134	5670	12.83	12.83	15.84
	142	5710	12.89	12.89	15.9
802.11ac VHT80	106	5530	12.95	12.98	15.98
	122	5610	12.96	12.92	15.95
	138	5690	12.96	12.99	15.99
802.11ac VHT160	114	5570	11.82	11.84	14.84
802.11ax HE20	100	5500	12.83	12.89	15.87
	116	5580	12.89	12.87	15.89
	120	5600	12.91	12.86	15.9
	124	5620	12.82	12.87	15.86
	132	5660	12.91	12.91	15.92
	140	5700	12.84	12.89	15.88
	144	5720	12.86	12.86	15.87
802.11ax HE40	102	5510	12.91	12.87	15.9
	110	5550	12.81	12.91	15.87
	118	5590	12.83	12.87	15.86
	126	5630	12.84	12.83	15.85
	134	5670	12.83	12.86	15.86
	142	5710	12.81	12.81	15.82
802.11ax HE80	106	5530	12.87	12.89	15.89
	122	5610	12.88	12.82	15.86
	138	5690	12.81	12.82	15.83
802.11ax HE160	114	5570	11.86	11.91	14.9

Conducted Power (Full)_AX201_TB			
WLAN 5.8GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11a	149	5745	14.92
	153	5765	14.86
	157	5785	14.91
	161	5805	14.85
	165	5825	14.89
802.11n HT20	149	5745	14.93
	153	5765	14.87
	157	5785	14.86
	161	5805	14.85
	165	5825	14.84
802.11n HT40	151	5755	14.89
	159	5795	14.87
802.11ac VHT80	155	5775	14.98
802.11ax HE20	149	5745	14.86
	153	5765	14.91
	157	5785	14.93
	161	5805	14.89
	165	5825	14.92
802.11ax HE40	151	5755	14.87
	159	5795	14.89
802.11ax HE80	155	5775	14.85

Conducted Power (Full)_AX201_TB			
WLAN 5.8GHz Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11a	149	5745	13.42
	153	5765	13.37
	157	5785	13.32
	161	5805	13.36
	165	5825	13.37
802.11n HT20	149	5745	13.38
	153	5765	13.35
	157	5785	13.39
	161	5805	13.35
	165	5825	13.33
802.11n HT40	151	5755	13.38
	159	5795	13.35
802.11ac VHT80	155	5775	13.48
802.11ax HE20	149	5745	13.36
	153	5765	13.35
	157	5785	13.41
	161	5805	13.36
	165	5825	13.42
802.11ax HE40	151	5755	13.32
	159	5795	13.39
802.11ax HE80	155	5775	13.41

Conducted Power (Full)_AX201_TB					
WLAN 5.8GHz Ant 0+1					
Mode	Channel	Frequency	MIMO Ant 0 Avg. Power	MIMO Ant 1 Avg. Power	MIMO Ant 0+1 Avg. Power
802.11a	149	5745			
	153	5765			
	157	5785			
	161	5805			
	165	5825			
802.11n HT20	149	5745	13.35	13.44	16.41
	153	5765	13.38	13.33	16.37
	157	5785	13.38	13.31	16.36
	161	5805	13.35	13.36	16.37
	165	5825	13.31	13.32	16.33
802.11n HT40	151	5755	13.31	13.41	16.37
	159	5795	13.41	13.32	16.38
802.11ac VHT80	155	5775	13.47	13.44	16.47
802.11ax HE20	149	5745	13.36	13.41	16.4
	153	5765	13.31	13.33	16.33
	157	5785	13.38	13.36	16.38
	161	5805	13.38	13.32	16.36
	165	5825	13.35	13.41	16.39
802.11ax HE40	151	5755	13.32	13.38	16.36
	159	5795	13.39	13.34	16.38
802.11ax HE80	155	5775	13.35	13.32	16.35





Conducted Power (Full)_9462_NB			
WLAN2.4GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11b	1	2412	17.48
	6	2437	19.97
	11	2462	18.95
	12	2467	16.49
	13	2472	14.21
802.11g	1	2412	15.19
	6	2437	18.17
	11	2462	14.9
	12	2467	12.35
	13	2472	-6.26
802.11n HT20	1	2412	15.17
	6	2437	18.14
	11	2462	14.86
	12	2467	12.4
	13	2472	-6.28
802.11n HT40	3	2422	13.37
	6	2437	14.14
	9	2452	12.94
	10	2457	9.93
	11	2462	1.38

Conducted Power (Full)_9462_NB			
WLAN2.4GHz Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11b	1	2412	17.19
	6	2437	17.99
	11	2462	17.96
	12	2467	15.98
	13	2472	13.94
802.11g	1	2412	15.15
	6	2437	17.88
	11	2462	14.85
	12	2467	12.09
	13	2472	-6.32
802.11n HT20	1	2412	15.14
	6	2437	17.85
	11	2462	14.85
	12	2467	12.14
	13	2472	-6.31
802.11n HT40	3	2422	13.34
	6	2437	14.13
	9	2452	12.91
	10	2457	10.13
	11	2462	2.34



Conducted Power (Full)_9462_NB			
Bluetooth Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
BR / EDR	0	2402	10.03
	39	2441	10.87
	78	2480	10.78
LE	0	2402	8.57
	19	2440	8.84
	39	2480	8.46



Conducted Power (Full)_9462_NB			
WLAN 5.2GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11a	36	5180	15.66
	40	5200	18.39
	44	5220	19.87
	48	5240	18.84
802.11n HT20	36	5180	15.74
	40	5200	18.43
	44	5220	19.95
	48	5240	18.98
802.11n HT40	38	5190	13.86
	46	5230	15.43
802.11ac VHT80	42	5210	11.42



Conducted Power (Full)_9462_NB			
WLAN 5.2GHz Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11a	36	5180	14.86
	40	5200	14.92
	44	5220	14.9
	48	5240	14.93
802.11n HT20	36	5180	14.92
	40	5200	14.96
	44	5220	14.98
	48	5240	14.97
802.11n HT40	38	5190	13.62
	46	5230	14.38
802.11ac VHT80	42	5210	12.86



Conducted Power (Full)_9462_NB			
WLAN 5.3GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11a	52	5260	19.36
	56	5280	17.84
	60	5300	17.87
	64	5320	13.91
802.11n HT20	52	5260	19.49
	56	5280	17.98
	60	5300	17.92
	64	5320	13.97
802.11n HT40	54	5270	15.86
	62	5310	10.93
802.11ac VHT80	58	5290	11.91



Conducted Power (Full)_9462_NB			
WLAN 5.3GHz Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11a	52	5260	14.89
	56	5280	14.88
	60	5300	14.94
	64	5320	13.93
802.11n HT20	52	5260	14.99
	56	5280	14.96
	60	5300	14.92
	64	5320	13.97
802.11n HT40	54	5270	14.89
	62	5310	10.93
802.11ac VHT80	58	5290	11.86

Conducted Power (Full)_9462_NB			
WLAN 5.6GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11a	100	5500	17.62
	116	5580	19.86
	120	5600	19.84
	124	5620	19.88
	132	5660	19.89
	140	5700	17.63
	144	5720	19.39
802.11n HT20	100	5500	17.74
	116	5580	19.96
	120	5600	19.92
	124	5620	19.95
	132	5660	19.97
	140	5700	17.73
	144	5720	19.48
802.11n HT40	102	5510	16.16
	110	5550	19.98
	118	5590	19.87
	126	5630	19.88
	134	5670	17.67
	142	5710	19.43
802.11ac VHT80	106	5530	15.16
	122	5610	18.16
	138	5690	19.44



Conducted Power (Full)_9462_NB			
WLAN 5.6GHz Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11a	100	5500	14.87
	116	5580	14.87
	120	5600	14.89
	124	5620	14.87
	132	5660	14.89
	140	5700	14.89
	144	5720	14.93
802.11n HT20	100	5500	14.97
	116	5580	14.97
	120	5600	14.93
	124	5620	14.92
	132	5660	14.96
	140	5700	14.95
	144	5720	14.89
802.11n HT40	102	5510	14.84
	110	5550	14.99
	118	5590	14.94
	126	5630	14.91
	134	5670	14.86
	142	5710	14.87
802.11ac VHT80	106	5530	14.91
	122	5610	14.86
	138	5690	14.89



Conducted Power (Full)_9462_NB			
WLAN 5.8GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11a	149	5745	19.85
	153	5765	19.94
	157	5785	19.92
	161	5805	19.95
	165	5825	19.67
802.11n HT20	149	5745	19.86
	153	5765	19.88
	157	5785	19.91
	161	5805	19.94
	165	5825	19.66
802.11n HT40	151	5755	19.96
	159	5795	19.94



Conducted Power (Full)_9462_NB			
WLAN 5.8GHz Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11a	149	5745	14.86
	153	5765	14.87
	157	5785	14.91
	161	5805	14.89
	165	5825	14.93
802.11n HT20	149	5745	14.87
	153	5765	14.89
	157	5785	14.87
	161	5805	14.88
	165	5825	14.86
802.11n HT40	151	5755	14.98
	159	5795	14.96

Conducted Power (Full)_9462_TB			
WLAN2.4GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11b	1	2412	17.48
	6	2437	19.97
	11	2462	18.95
	12	2467	16.49
	13	2472	14.21
802.11g	1	2412	15.11
	6	2437	18.1
	11	2462	14.9
	12	2467	12.32
	13	2472	-6.4
802.11n HT20	1	2412	15.09
	6	2437	18.17
	11	2462	14.89
	12	2467	12.4
	13	2472	-6.33
802.11n HT40	3	2422	13.39
	6	2437	14.12
	9	2452	12.91
	10	2457	9.91
	11	2462	1.4



Conducted Power (Full)_9462_TB			
WLAN2.4GHz Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11b	1	2412	15.95
	6	2437	15.99
	11	2462	15.94
	12	2467	15.98
	13	2472	13.94
802.11g	1	2412	15.11
	6	2437	15.81
	11	2462	14.83
	12	2467	12.09
	13	2472	-6.44
802.11n HT20	1	2412	15.08
	6	2437	15.82
	11	2462	14.88
	12	2467	12.1
	13	2472	-6.42
802.11n HT40	3	2422	13.32
	6	2437	14.15
	9	2452	12.9
	10	2457	10.08
	11	2462	2.33



Conducted Power (Full)_9462_TB			
Bluetooth Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
BR / EDR	0	2402	10.03
	39	2441	10.87
	78	2480	10.78
LE	0	2402	8.57
	19	2440	8.84
	39	2480	8.46



Conducted Power (Full)_9462_TB			
WLAN 5.2GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11a	36	5180	15.59
	40	5200	15.92
	44	5220	15.88
	48	5240	15.83
802.11n HT20	36	5180	15.72
	40	5200	15.94
	44	5220	15.91
	48	5240	15.95
802.11n HT40	38	5190	13.89
	46	5230	15.41
802.11ac VHT80	42	5210	11.32



Conducted Power (Full)_9462_TB			
WLAN 5.2GHz Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11a	36	5180	10.88
	40	5200	10.89
	44	5220	10.92
	48	5240	10.88
802.11n HT20	36	5180	10.93
	40	5200	10.95
	44	5220	10.96
	48	5240	10.97
802.11n HT40	38	5190	10.82
	46	5230	10.81
802.11ac VHT80	42	5210	10.95





Conducted Power (Full)_9462_TB			
WLAN 5.3GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11a	52	5260	15.92
	56	5280	15.9
	60	5300	15.92
	64	5320	13.84
802.11n HT20	52	5260	15.88
	56	5280	15.92
	60	5300	15.89
	64	5320	13.84
802.11n HT40	54	5270	15.98
	62	5310	10.99
802.11ac VHT80	58	5290	11.84



Conducted Power (Full)_9462_TB			
WLAN 5.3GHz Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11a	52	5260	10.86
	56	5280	10.84
	60	5300	10.88
	64	5320	10.85
802.11n HT20	52	5260	10.83
	56	5280	10.86
	60	5300	10.84
	64	5320	10.88
802.11n HT40	54	5270	10.98
	62	5310	10.96
802.11ac VHT80	58	5290	10.85

Conducted Power (Full)_9462_TB			
WLAN 5.6GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11a	100	5500	14.88
	116	5580	14.91
	120	5600	14.89
	124	5620	14.88
	132	5660	14.92
	140	5700	14.91
	144	5720	14.85
802.11n HT20	100	5500	14.86
	116	5580	14.91
	120	5600	14.83
	124	5620	14.89
	132	5660	14.93
	140	5700	14.83
	144	5720	14.92
802.11n HT40	102	5510	14.87
	110	5550	14.87
	118	5590	14.88
	126	5630	14.91
	134	5670	14.92
	142	5710	14.83
802.11ac VHT80	106	5530	14.96
	122	5610	14.94
	138	5690	14.98

Conducted Power (Full)_9462_TB			
WLAN 5.6GHz Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11a	100	5500	12.83
	116	5580	12.88
	120	5600	12.87
	124	5620	12.85
	132	5660	12.92
	140	5700	12.83
	144	5720	12.84
802.11n HT20	100	5500	12.83
	116	5580	12.89
	120	5600	12.91
	124	5620	12.93
	132	5660	12.87
	140	5700	12.89
	144	5720	12.86
802.11n HT40	102	5510	12.84
	110	5550	12.88
	118	5590	12.85
	126	5630	12.91
	134	5670	12.82
	142	5710	12.86
802.11ac VHT80	106	5530	12.95
	122	5610	12.91
	138	5690	12.98



Conducted Power (Full)_9462_TB			
WLAN 5.8GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11a	149	5745	14.84
	153	5765	14.82
	157	5785	14.88
	161	5805	14.91
	165	5825	14.83
802.11n HT20	149	5745	14.82
	153	5765	14.92
	157	5785	14.91
	161	5805	14.93
	165	5825	14.84
802.11n HT40	151	5755	14.98
	159	5795	14.96

Conducted Power (Full)_9462_TB			
WLAN 5.8GHz Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11a	149	5745	13.42
	153	5765	13.41
	157	5785	13.38
	161	5805	13.36
	165	5825	13.36
802.11n HT20	149	5745	13.37
	153	5765	13.34
	157	5785	13.36
	161	5805	13.32
	165	5825	13.39
802.11n HT40	151	5755	13.47
	159	5795	13.43

## 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								DUT & Accessory			SAR							
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	RB#	RB offset	Sample	Ant Status	Power Reduction	Duty Cycle	Crest Factor	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
	WCDMA II	RMC12.2K	Bottom of Laptop	0	9400			1	Ant 0	w/o	-	1.00	24.50	23.87	1.16	0	<0.001	0.00
	WCDMA II	RMC12.2K	Rear Face	0	9400			1	Ant 0	w/o	-	1.00	24.50	23.87	1.16	0.11	0.161	0.19
	WCDMA II	RMC12.2K	Left Side	0	9400			1	Ant 0	w/o	-	1.00	24.50	23.87	1.16	0	<0.001	0.00
	WCDMA II	RMC12.2K	Right Side	0	9400			1	Ant 0	w/o	-	1.00	24.50	23.87	1.16	0.01	0.169	0.20
1	WCDMA II	RMC12.2K	Top Side	0	9400			1	Ant 0	w/o	-	1.00	24.50	23.87	1.16	-0.03	0.878	1.02
	WCDMA II	RMC12.2K	Bottom Side	0	9400			1	Ant 0	w/o	-	1.00	24.50	23.87	1.16	0	<0.001	0.00
	WCDMA II	RMC12.2K	Top Side	0	9262			1	Ant 0	w/o	-	1.00	24.50	23.86	1.16	-0.07	0.859	1.00
	WCDMA II	RMC12.2K	Top Side	0	9538			1	Ant 0	w/o	-	1.00	24.50	23.84	1.16	0.08	0.717	0.83
	WCDMA II	RMC12.2K	Top Side	0	9400			2	Ant 0	w/o	-	1.00	24.50	23.87	1.16	-0.19	0.871	1.01
	WCDMA II	RMC12.2K	Top Side	0	9262			2	Ant 0	w/o	-	1.00	24.50	23.86	1.16	-0.07	0.866	1.00
	WCDMA II	RMC12.2K	Top Side	0	9538			2	Ant 0	w/o	-	1.00	24.50	23.84	1.16	0.08	0.704	0.82
	WCDMA II	RMC12.2K	Top Side	0	9400			1	Ant 0	w/o	-	1.00	24.50	23.87	1.16	-0.15	0.858	1.00
	WCDMA IV	RMC12.2K	Bottom of Laptop	0	1312			1	Ant 0	w/o	-	1.00	24.50	23.97	1.13	0	<0.001	0.00
	WCDMA IV	RMC12.2K	Rear Face	0	1312			1	Ant 0	w/o	-	1.00	24.50	23.97	1.13	-0.1	0.701	0.79
	WCDMA IV	RMC12.2K	Left Side	0	1312			1	Ant 0	w/o	-	1.00	24.50	23.97	1.13	0	<0.001	0.00
	WCDMA IV	RMC12.2K	Right Side	0	1312			1	Ant 0	w/o	-	1.00	24.50	23.97	1.13	-0.02	0.082	0.09
	WCDMA IV	RMC12.2K	Top Side	12	1312			1	Ant 0	w/o	-	1.00	24.50	23.97	1.13	-0.19	0.617	0.70
	WCDMA IV	RMC12.2K	Bottom Side	0	1312			1	Ant 0	w/o	-	1.00	24.50	23.97	1.13	0	<0.001	0.00
2	WCDMA IV	RMC12.2K	Top Side	0	1312			1	Ant 0	w/	-	1.00	19.50	19.42	1.02	-0.09	1.17	1.19
	WCDMA IV	RMC12.2K	Top of Panel	25	1413			1	Ant 0	w/o	-	1.00	24.50	23.86	1.16	-0.03	0.831	0.96
	WCDMA IV	RMC12.2K	Top of Panel	25	1513			1	Ant 0	w/o	-	1.00	24.50	23.78	1.18	0.12	0.715	0.84
	WCDMA IV	RMC12.2K	Top Side	0	1413			1	Ant 0	w/	-	1.00	19.50	19.41	1.02	-0.07	1.15	1.17
	WCDMA IV	RMC12.2K	Top Side	0	1513			1	Ant 0	w/	-	1.00	19.50	19.38	1.03	-0.19	1.1	1.13
	WCDMA IV	RMC12.2K	Top Side	0	1312			2	Ant 0	w/	-	1.00	19.50	19.42	1.02	0.16	1.14	1.16
	WCDMA IV	RMC12.2K	Top Side	0	1413			2	Ant 0	w/	-	1.00	19.50	19.41	1.02	-0.07	1.11	1.13
	WCDMA IV	RMC12.2K	Top Side	0	1513			2	Ant 0	w/	-	1.00	19.50	19.38	1.03	0.05	1.08	1.11
	WCDMA IV	RMC12.2K	Top Side	0	1312			1	Ant 0	w/	-	1.00	19.50	19.42	1.02	-0.18	1.11	1.13
	WCDMA V	RMC12.2K	Bottom of Laptop	0	4233			1	Ant 0	w/o	-	1.00	24.50	23.96	1.13	0	<0.001	0.00
	WCDMA V	RMC12.2K	Rear Face	0	4233			1	Ant 0	w/o	-	1.00	24.50	23.96	1.13	0.15	0.356	0.40
	WCDMA V	RMC12.2K	Left Side	0	4233			1	Ant 0	w/o	-	1.00	24.50	23.96	1.13	0	<0.001	0.00
	WCDMA V	RMC12.2K	Right Side	0	4233			1	Ant 0	w/o	-	1.00	24.50	23.96	1.13	0.02	0.042	0.05
3	WCDMA V	RMC12.2K	Top Side	0	4233			1	Ant 0	w/o	-	1.00	24.50	23.96	1.13	-0.11	0.675	0.76
	WCDMA V	RMC12.2K	Bottom Side	0	4233			1	Ant 0	w/o	-	1.00	24.50	23.96	1.13	0	<0.001	0.00
	WCDMA V	RMC12.2K	Top Side	0	4132			1	Ant 0	w/o	-	1.00	24.50	23.95	1.14	0.02	0.476	0.54
	WCDMA V	RMC12.2K	Top Side	0	4182			1	Ant 0	w/o	-	1.00	24.50	23.93	1.14	0.1	0.652	0.74
	WCDMA V	RMC12.2K	Top Side	0	4233			2	Ant 0	w/o	-	1.00	24.50	23.96	1.13	-0.08	0.668	0.75





### Body SAR Test Result

Body SAR Test Result																		
System & Position								DUT & Accessory			SAR							
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	RB#	RB offset	Sample	Ant Status	Power Reduction	Duty Cycle	Crest Factor	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
	LTE 5	QPSK10M	Bottom of Laptop	0	20525	1	0	1	Ant 0	w/o	-	1.00	25.00	24.19	1.21	0	<0.001	0.00
	LTE 5	QPSK10M	Bottom of Laptop	0	20525	25	0	1	Ant 0	w/o	-	1.00	24.00	23.26	1.19	0	<0.001	0.00
	LTE 5	QPSK10M	Rear Face	0	20525	1	0	1	Ant 0	w/o	-	1.00	25.00	24.19	1.21	-0.04	0.657	0.79
	LTE 5	QPSK10M	Left Side	0	20525	1	0	1	Ant 0	w/o	-	1.00	25.00	24.19	1.21	0	<0.001	0.00
	LTE 5	QPSK10M	Right Side	0	20525	1	0	1	Ant 0	w/o	-	1.00	25.00	24.19	1.21	-0.02	0.085	0.10
	LTE 5	QPSK10M	Top Side	0	20525	1	0	1	Ant 0	w/o	-	1.00	25.00	24.19	1.21	-0.16	0.699	0.85
	LTE 5	QPSK10M	Bottom Side	0	20525	1	0	1	Ant 0	w/o	-	1.00	25.00	24.19	1.21	0	<0.001	0.00
	LTE 5	QPSK10M	Rear Face	0	20525	25	0	1	Ant 0	w/o	-	1.00	24.00	23.26	1.19	-0.08	0.532	0.63
	LTE 5	QPSK10M	Left Side	0	20525	25	0	1	Ant 0	w/o	-	1.00	24.00	23.26	1.19	0	<0.001	0.00
	LTE 5	QPSK10M	Right Side	0	20525	25	0	1	Ant 0	w/o	-	1.00	24.00	23.26	1.19	0.16	0.062	0.07
	LTE 5	QPSK10M	Top Side	0	20525	25	0	1	Ant 0	w/o	-	1.00	24.00	23.26	1.19	0.17	0.652	0.78
	LTE 5	QPSK10M	Bottom Side	0	20525	25	0	1	Ant 0	w/o	-	1.00	24.00	23.26	1.19	0	<0.001	0.00
	LTE 5	QPSK10M	Bottom of Laptop	0	20450	1	0	1	Ant 0	w/o	-	1.00	25.00	24.11	1.23	0	<0.001	0.00
	LTE 5	QPSK10M	Bottom of Laptop	0	20600	1	0	1	Ant 0	w/o	-	1.00	25.00	24.08	1.24	0	<0.001	0.00
	LTE 5	QPSK10M	Top Side	0	20450	1	0	1	Ant 0	w/o	-	1.00	25.00	24.11	1.23	-0.18	0.643	0.79
6	LTE 5	QPSK10M	Top Side	0	20600	1	0	1	Ant 0	w/o	-	1.00	25.00	24.08	1.24	-0.07	0.701	0.87
	LTE 5	QPSK10M	Top Side	0	20600	1	0	2	Ant 0	w/o	-	1.00	25.00	24.08	1.24	-0.05	0.503	0.62



### Body SAR Test Result

System & Position								DUT & Accessory			SAR							
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	RB#	RB offset	Sample	Ant Status	Power Reduction	Duty Cycle	Crest Factor	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
	LTE 7	QPSK20M	Bottom of Laptop	0	21100	1	0	1	Ant 0	w/o	-	1.00	24.00	23.39	1.15	0	<0.001	0.00
	LTE 7	QPSK20M	Bottom of Laptop	0	21100	50	0	1	Ant 0	w/o	-	1.00	23.00	22.27	1.18	0	<0.001	0.00
	LTE 7	QPSK20M	Rear Face	0	21100	1	0	1	Ant 0	w/o	-	1.00	24.00	23.39	1.15	0.16	0.434	0.50
	LTE 7	QPSK20M	Left Side	0	21100	1	0	1	Ant 0	w/o	-	1.00	24.00	23.39	1.15	0	<0.001	0.00
	LTE 7	QPSK20M	Right Side	0	21100	1	0	1	Ant 0	w/o	-	1.00	24.00	23.39	1.15	0.15	0.461	0.53
	LTE 7	QPSK20M	Top Side	12	21100	1	0	1	Ant 0	w/o	-	1.00	24.00	23.39	1.15	-0.16	0.195	0.22
	LTE 7	QPSK20M	Bottom Side	0	21100	1	0	1	Ant 0	w/o	-	1.00	24.00	23.39	1.15	0	<0.001	0.00
	LTE 7	QPSK20M	Rear Face	0	21100	50	0	1	Ant 0	w/o	-	1.00	23.00	22.27	1.18	0.05	0.371	0.44
	LTE 7	QPSK20M	Left Side	0	21100	50	0	1	Ant 0	w/o	-	1.00	23.00	22.27	1.18	0	<0.001	0.00
	LTE 7	QPSK20M	Right Side	0	21100	50	0	1	Ant 0	w/o	-	1.00	23.00	22.27	1.18	-0.07	0.362	0.43
	LTE 7	QPSK20M	Top Side	12	21100	50	0	1	Ant 0	w/o	-	1.00	23.00	22.27	1.18	-0.19	0.142	0.17
	LTE 7	QPSK20M	Bottom Side	0	21100	50	0	1	Ant 0	w/o	-	1.00	23.00	22.27	1.18	0	<0.001	0.00
	LTE 7	QPSK20M	Top Side	0	21100	1	0	1	Ant 0	w/	-	1.00	20.50	20.33	1.04	-0.09	0.786	0.82
	LTE 7	QPSK20M	Top Side	0	21100	50	0	1	Ant 0	w/	-	1.00	19.50	19.12	1.09	-0.03	0.712	0.78
	LTE 7	QPSK20M	Top Side	0	21100	100	0	1	Ant 0	w/	-	1.00	19.50	19.04	1.11	-0.12	0.706	0.78
	LTE 7	QPSK20M	Top Side	0	20850	1	0	1	Ant 0	w/	-	1.00	20.50	20.30	1.05	-0.06	0.769	0.81
7	LTE 7	QPSK20M	Top Side	0	21350	1	0	1	Ant 0	w/	-	1.00	20.50	20.32	1.04	-0.07	0.994	1.03
	LTE 7	QPSK20M	Top Side	0	21350	1	0	2	Ant 0	w/	-	1.00	20.50	20.32	1.04	0.02	0.977	1.02
	LTE 7	QPSK20M	Top Side	0	20850	1	0	2	Ant 0	w/	-	1.00	20.50	20.30	1.05	0.12	0.751	0.79
	LTE 7	QPSK20M	Top Side	0	21100	1	0	2	Ant 0	w/	-	1.00	20.50	20.33	1.04	0.07	0.762	0.79
	LTE 7	QPSK20M	Top Side	0	21350	1	0	1	Ant 0	w/	-	1.00	20.50	20.32	1.04	-0.15	0.981	1.02
	LTE 12	QPSK10M	Bottom of Laptop	0	23130	1	0	1	Ant 0	w/o	-	1.00	25.00	24.21	1.20	0	<0.001	0.00
	LTE 12	QPSK10M	Bottom of Laptop	0	23130	25	0	1	Ant 0	w/o	-	1.00	24.00	22.93	1.28	0	<0.001	0.00
	LTE 12	QPSK10M	Rear Face	0	23130	1	0	1	Ant 0	w/o	-	1.00	25.00	24.21	1.20	0.12	0.156	0.19
	LTE 12	QPSK10M	Left Side	0	23130	1	0	1	Ant 0	w/o	-	1.00	25.00	24.21	1.20	0	<0.001	0.00
	LTE 12	QPSK10M	Right Side	0	23130	1	0	1	Ant 0	w/o	-	1.00	25.00	24.21	1.20	0	<0.001	0.00
8	LTE 12	QPSK10M	Top Side	0	23130	1	0	1	Ant 0	w/o	-	1.00	25.00	24.21	1.20	-0.18	0.496	0.60
	LTE 12	QPSK10M	Bottom Side	0	23130	1	0	1	Ant 0	w/o	-	1.00	25.00	24.21	1.20	0	<0.001	0.00
	LTE 12	QPSK10M	Rear Face	0	23130	25	0	1	Ant 0	w/o	-	1.00	24.00	22.93	1.28	0.09	0.148	0.19
	LTE 12	QPSK10M	Left Side	0	23130	25	0	1	Ant 0	w/o	-	1.00	24.00	22.93	1.28	0	<0.001	0.00
	LTE 12	QPSK10M	Right Side	0	23130	25	0	1	Ant 0	w/o	-	1.00	24.00	22.93	1.28	0	<0.001	0.00
	LTE 12	QPSK10M	Top Side	0	23130	25	0	1	Ant 0	w/o	-	1.00	24.00	22.93	1.28	-0.11	0.308	0.39
	LTE 12	QPSK10M	Bottom Side	0	23130	25	0	1	Ant 0	w/o	-	1.00	24.00	22.93	1.28	0	<0.001	0.00
	LTE 12	QPSK10M	Top Side	0	23060	1	0	1	Ant 0	w/o	-	1.00	25.00	24.03	1.25	-0.03	0.311	0.39
	LTE 12	QPSK10M	Top Side	0	23095	1	0	1	Ant 0	w/o	-	1.00	25.00	24.09	1.23	0.07	0.31	0.38
	LTE 12	QPSK10M	Top Side	0	23130	1	0	2	Ant 0	w/o	-	1.00	25.00	24.21	1.20	-0.15	0.477	0.57

### Body SAR Test Result

Body SAR Test Result																		
System & Position								DUT & Accessory			SAR							
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	RB#	RB offset	Sample	Ant Status	Power Reduction	Duty Cycle	Crest Factor	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
	LTE 13	QPSK10M	Bottom of Laptop	0	23230	1	0	1	Ant 0	w/o	-	1.00	25.00	23.46	1.43	0	<0.001	0.00
	LTE 13	QPSK10M	Bottom of Laptop	0	23230	25	0	1	Ant 0	w/o	-	1.00	24.00	22.42	1.44	0	<0.001	0.00
	LTE 13	QPSK10M	Rear Face	0	23230	1	0	1	Ant 0	w/o	-	1.00	25.00	23.46	1.43	0.06	0.191	0.27
	LTE 13	QPSK10M	Left Side	0	23230	1	0	1	Ant 0	w/o	-	1.00	25.00	23.46	1.43	0	<0.001	0.00
	LTE 13	QPSK10M	Right Side	0	23230	1	0	1	Ant 0	w/o	-	1.00	25.00	23.46	1.43	0	<0.001	0.00
9	LTE 13	QPSK10M	Top Side	0	23230	1	0	1	Ant 0	w/o	-	1.00	25.00	23.46	1.43	-0.1	0.529	0.76
	LTE 13	QPSK10M	Bottom Side	0	23230	1	0	1	Ant 0	w/o	-	1.00	25.00	23.46	1.43	0	<0.001	0.00
	LTE 13	QPSK10M	Rear Face	0	23230	25	0	1	Ant 0	w/o	-	1.00	24.00	22.42	1.44	-0.19	0.197	0.28
	LTE 13	QPSK10M	Left Side	0	23230	25	0	1	Ant 0	w/o	-	1.00	24.00	22.42	1.44	0	<0.001	0.00
	LTE 13	QPSK10M	Right Side	0	23230	25	0	1	Ant 0	w/o	-	1.00	24.00	22.42	1.44	0	<0.001	0.00
	LTE 13	QPSK10M	Top Side	0	23230	25	0	1	Ant 0	w/o	-	1.00	24.00	22.42	1.44	-0.1	0.397	0.57
	LTE 13	QPSK10M	Bottom Side	0	23230	25	0	1	Ant 0	w/o	-	1.00	24.00	22.42	1.44	0	<0.001	0.00
	LTE 13	QPSK10M	Top Side	0	23230	1	0	2	Ant 0	w/o	-	1.00	25.00	23.46	1.43	-0.05	0.504	0.72
	LTE 14	QPSK10M	Bottom of Laptop	0	23330	1	0	1	Ant 0	w/o	-	1.00	25.00	24.05	1.24	0	<0.001	0.00
	LTE 14	QPSK10M	Bottom of Laptop	0	23330	25	0	1	Ant 0	w/o	-	1.00	24.00	22.99	1.26	0	<0.001	0.00
	LTE 14	QPSK10M	Rear Face	0	23330	1	0	1	Ant 0	w/o	-	1.00	25.00	24.05	1.24	-0.01	0.163	0.20
	LTE 14	QPSK10M	Left Side	0	23330	1	0	1	Ant 0	w/o	-	1.00	25.00	24.05	1.24	0	<0.001	0.00
	LTE 14	QPSK10M	Right Side	0	23330	1	0	1	Ant 0	w/o	-	1.00	25.00	24.05	1.24	0	<0.001	0.00
10	LTE 14	QPSK10M	Top Side	0	23330	1	0	1	Ant 0	w/o	-	1.00	25.00	24.05	1.24	-0.1	0.598	0.74
	LTE 14	QPSK10M	Bottom Side	0	23330	1	0	1	Ant 0	w/o	-	1.00	25.00	24.05	1.24	0	<0.001	0.00
	LTE 14	QPSK10M	Rear Face	0	23330	25	0	1	Ant 0	w/o	-	1.00	24.00	22.99	1.26	-0.01	0.191	0.24
	LTE 14	QPSK10M	Left Side	0	23330	25	0	1	Ant 0	w/o	-	1.00	24.00	22.99	1.26	0	<0.001	0.00
	LTE 14	QPSK10M	Right Side	0	23330	25	0	1	Ant 0	w/o	-	1.00	24.00	22.99	1.26	0	<0.001	0.00
	LTE 14	QPSK10M	Top Side	0	23330	25	0	1	Ant 0	w/o	-	1.00	24.00	22.99	1.26	0.07	0.307	0.39
	LTE 14	QPSK10M	Bottom Side	0	23330	25	0	1	Ant 0	w/o	-	1.00	24.00	22.99	1.26	0	<0.001	0.00
	LTE 14	QPSK10M	Top Side	0	23330	1	0	2	Ant 0	w/o	-	1.00	25.00	24.05	1.24	0.06	0.266	0.33

### Body SAR Test Result

System & Position								DUT & Accessory			SAR							
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	RB#	RB offset	Sample	Ant Status	Power Reduction	Duty Cycle	Crest Factor	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
	LTE 25	QPSK20M	Bottom of Laptop	0	26140	1	0	1	Ant 0	w/o	-	1.00	24.00	23.21	1.20	0	<0.001	0.00
	LTE 25	QPSK20M	Bottom of Laptop	0	26140	50	0	1	Ant 0	w/o	-	1.00	23.00	22.07	1.24	0	<0.001	0.00
	LTE 25	QPSK20M	Rear Face	0	26140	1	0	1	Ant 0	w/o	-	1.00	24.00	23.21	1.20	-0.11	0.142	0.17
	LTE 25	QPSK20M	Left Side	0	26140	1	0	1	Ant 0	w/o	-	1.00	24.00	23.21	1.20	0	<0.001	0.00
	LTE 25	QPSK20M	Right Side	0	26140	1	0	1	Ant 0	w/o	-	1.00	24.00	23.21	1.20	0.07	0.086	0.10
12	LTE 25	QPSK20M	Top Side	0	26140	1	0	1	Ant 0	w/o	-	1.00	24.00	23.21	1.20	-0.09	0.842	1.01
	LTE 25	QPSK20M	Bottom Side	0	26140	1	0	1	Ant 0	w/o	-	1.00	24.00	23.21	1.20	0	<0.001	0.00
	LTE 25	QPSK20M	Rear Face	0	26140	50	0	1	Ant 0	w/o	-	1.00	23.00	22.07	1.24	-0.18	0.145	0.18
	LTE 25	QPSK20M	Left Side	0	26140	50	0	1	Ant 0	w/o	-	1.00	23.00	22.07	1.24	0	<0.001	0.00
	LTE 25	QPSK20M	Right Side	0	26140	50	0	1	Ant 0	w/o	-	1.00	23.00	22.07	1.24	0.14	0.082	0.10
	LTE 25	QPSK20M	Top Side	0	26140	50	0	1	Ant 0	w/o	-	1.00	23.00	22.07	1.24	0.06	0.565	0.70
	LTE 25	QPSK20M	Bottom Side	0	26140	50	0	1	Ant 0	w/o	-	1.00	23.00	22.07	1.24	0	<0.001	0.00
	LTE 25	QPSK20M	Top Side	0	26140	100	0	1	Ant 0	w/o	-	1.00	23.00	22.02	1.25	0.03	0.633	0.79
	LTE 25	QPSK20M	Top Side	0	26365	1	0	1	Ant 0	w/o	-	1.00	24.00	23.19	1.21	-0.17	0.738	0.89
	LTE 25	QPSK20M	Top Side	0	26590	1	0	1	Ant 0	w/o	-	1.00	24.00	23.18	1.21	-0.13	0.676	0.82
	LTE 25	QPSK20M	Top Side	0	26140	1	0	2	Ant 0	w/o	-	1.00	24.00	23.21	1.20	0.14	0.786	0.94
	LTE 25	QPSK20M	Top Side	0	26365	1	0	2	Ant 0	w/o	-	1.00	24.00	23.19	1.21	-0.04	0.712	0.86
	LTE 25	QPSK20M	Top Side	0	26590	1	0	2	Ant 0	w/o	-	1.00	24.00	23.18	1.21	0.05	0.665	0.80
	LTE 25	QPSK20M	Top Side	0	26140	1	0	1	Ant 0	w/o	-	1.00	24.00	23.21	1.20	0.11	0.837	1.00
	LTE 26	QPSK15M	Bottom of Laptop	0	26965	1	0	1	Ant 0	w/o	-	1.00	25.00	23.23	1.50	0	<0.001	0.00
	LTE 26	QPSK15M	Bottom of Laptop	0	26965	36	0	1	Ant 0	w/o	-	1.00	24.00	22.32	1.47	0	<0.001	0.00
	LTE 26	QPSK15M	Rear Face	0	26965	1	0	1	Ant 0	w/o	-	1.00	25.00	23.23	1.50	0.02	0.389	0.58
	LTE 26	QPSK15M	Left Side	0	26965	1	0	1	Ant 0	w/o	-	1.00	25.00	23.23	1.50	0	<0.001	0.00
	LTE 26	QPSK15M	Right Side	0	26965	1	0	1	Ant 0	w/o	-	1.00	25.00	23.23	1.50	0.15	0.061	0.09
	LTE 26	QPSK15M	Top Side	0	26965	1	0	1	Ant 0	w/o	-	1.00	25.00	23.23	1.50	0.12	0.665	1.00
	LTE 26	QPSK15M	Bottom Side	0	26965	1	0	1	Ant 0	w/o	-	1.00	25.00	23.23	1.50	0	<0.001	0.00
	LTE 26	QPSK15M	Rear Face	0	26965	36	0	1	Ant 0	w/o	-	1.00	24.00	22.32	1.47	-0.15	0.282	0.41
	LTE 26	QPSK15M	Left Side	0	26965	36	0	1	Ant 0	w/o	-	1.00	24.00	22.32	1.47	0	<0.001	0.00
	LTE 26	QPSK15M	Right Side	0	26965	36	0	1	Ant 0	w/o	-	1.00	24.00	22.32	1.47	-0.16	0.055	0.08
	LTE 26	QPSK15M	Top Side	0	26965	36	0	1	Ant 0	w/o	-	1.00	24.00	22.32	1.47	-0.05	0.421	0.62
	LTE 26	QPSK15M	Bottom Side	0	26965	36	0	1	Ant 0	w/o	-	1.00	24.00	22.32	1.47	0	<0.001	0.00
	LTE 26	QPSK15M	Top Side	0	26965	75	0	1	Ant 0	w/o	-	1.00	24.00	22.17	1.52	0.12	0.533	0.81
13	LTE 26	QPSK15M	Top Side	0	26765	1	0	1	Ant 0	w/o	-	1.00	25.00	23.19	1.52	-0.08	0.707	1.07
	LTE 26	QPSK15M	Top Side	0	26865	1	0	1	Ant 0	w/o	-	1.00	25.00	23.17	1.52	-0.05	0.608	0.92
	LTE 26	QPSK15M	Top Side	0	26765	1	0	2	Ant 0	w/o	-	1.00	25.00	23.19	1.52	0.02	0.595	0.90
	LTE 26	QPSK15M	Top Side	0	26865	1	0	2	Ant 0	w/o	-	1.00	25.00	23.17	1.52	-0.12	0.541	0.82
	LTE 26	QPSK15M	Top Side	0	26965	1	0	2	Ant 0	w/o	-	1.00	25.00	23.23	1.50	-0.06	0.536	0.80

### Body SAR Test Result

System & Position								DUT & Accessory			SAR							
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	RB#	RB offset	Sample	Ant Status	Power Reduction	Duty Cycle	Crest Factor	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
	LTE 30	QPSK10M	Bottom of Laptop	0	27710	1	0	1	Ant 0	w/o	-	1.00	23.00	22.48	1.13	0	<0.001	0.00
	LTE 30	QPSK10M	Bottom of Laptop	0	27710	25	0	1	Ant 0	w/o	-	1.00	22.00	21.46	1.13	0	<0.001	0.00
	LTE 30	QPSK10M	Rear Face	0	27710	1	0	1	Ant 0	w/o	-	1.00	23.00	22.48	1.13	0.15	0.118	0.13
	LTE 30	QPSK10M	Left Side	0	27710	1	0	1	Ant 0	w/o	-	1.00	23.00	22.48	1.13	0	<0.001	0.00
	LTE 30	QPSK10M	Right Side	0	27710	1	0	1	Ant 0	w/o	-	1.00	23.00	22.48	1.13	0.11	0.142	0.16
14	LTE 30	QPSK10M	Top Side	0	27710	1	0	1	Ant 0	w/o	-	1.00	23.00	22.48	1.13	-0.18	0.857	0.97
	LTE 30	QPSK10M	Bottom Side	0	27710	1	0	1	Ant 0	w/o	-	1.00	23.00	22.48	1.13	0	<0.001	0.00
	LTE 30	QPSK10M	Rear Face	0	27710	25	0	1	Ant 0	w/o	-	1.00	22.00	21.46	1.13	0.01	0.083	0.09
	LTE 30	QPSK10M	Left Side	0	27710	25	0	1	Ant 0	w/o	-	1.00	22.00	21.46	1.13	0	<0.001	0.00
	LTE 30	QPSK10M	Right Side	0	27710	25	0	1	Ant 0	w/o	-	1.00	22.00	21.46	1.13	-0.06	0.133	0.15
	LTE 30	QPSK10M	Top Side	0	27710	25	0	1	Ant 0	w/o	-	1.00	22.00	21.46	1.13	-0.01	0.631	0.71
	LTE 30	QPSK10M	Bottom Side	0	27710	25	0	1	Ant 0	w/o	-	1.00	22.00	21.46	1.13	0	<0.001	0.00
	LTE 30	QPSK10M	Top Side	0	27710	50	0	1	Ant 0	w/o	-	1.00	22.00	21.41	1.15	0.03	0.715	0.82
	LTE 30	QPSK10M	Top Side	0	27710	1	0	2	Ant 0	w/o	-	1.00	23.00	22.48	1.13	0.17	0.472	0.53
	LTE 30	QPSK10M	Top Side	0	27710	1	0	1	Ant 0	w/o	-	1.00	23.00	22.48	1.13	-0.03	0.851	0.96
	LTE 38	QPSK20M	Bottom of Laptop	0	38150	1	0	1	Ant 0	w/o	-	1.00	24.00	23.35	1.16	0	<0.001	0.00
	LTE 38	QPSK20M	Bottom of Laptop	0	38150	50	0	1	Ant 0	w/o	-	1.00	23.00	22.32	1.17	0	<0.001	0.00
	LTE 38	QPSK20M	Rear Face	0	38150	1	0	1	Ant 0	w/o	-	1.00	24.00	23.35	1.16	-0.19	0.136	0.16
	LTE 38	QPSK20M	Left Side	0	38150	1	0	1	Ant 0	w/o	-	1.00	24.00	23.35	1.16	0	<0.001	0.00
	LTE 38	QPSK20M	Right Side	0	38150	1	0	1	Ant 0	w/o	-	1.00	24.00	23.35	1.16	-0.14	0.117	0.14
	LTE 38	QPSK20M	Top Side	12	38150	1	0	1	Ant 0	w/o	-	1.00	24.00	23.35	1.16	-0.01	0.145	0.17
	LTE 38	QPSK20M	Bottom Side	0	38150	1	0	1	Ant 0	w/o	-	1.00	24.00	23.35	1.16	0	<0.001	0.00
	LTE 38	QPSK20M	Rear Face	0	38150	50	0	1	Ant 0	w/o	-	1.00	23.00	22.32	1.17	-0.05	0.173	0.20
	LTE 38	QPSK20M	Left Side	0	38150	50	0	1	Ant 0	w/o	-	1.00	23.00	22.32	1.17	0	<0.001	0.00
	LTE 38	QPSK20M	Right Side	0	38150	50	0	1	Ant 0	w/o	-	1.00	23.00	22.32	1.17	-0.04	0.084	0.10
	LTE 38	QPSK20M	Top Side	12	38150	50	0	1	Ant 0	w/o	-	1.00	23.00	22.32	1.17	0.05	0.111	0.13
	LTE 38	QPSK20M	Bottom Side	0	38150	50	0	1	Ant 0	w/o	-	1.00	23.00	22.32	1.17	0	<0.001	0.00
15	LTE 38	QPSK20M	Top Side	0	38150	1	0	1	Ant 0	w/	-	1.00	22.00	21.84	1.04	-0.06	1.04	1.08
	LTE 38	QPSK20M	Top Side	0	38150	50	0	1	Ant 0	w/	-	1.00	21.00	20.91	1.02	-0.13	1.02	1.04
	LTE 38	QPSK20M	Top Side	0	38150	100	0	1	Ant 0	w/	-	1.00	21.00	20.85	1.04	0.03	0.945	0.98
	LTE 38	QPSK20M	Top Side	0	37850	1	0	1	Ant 0	w/	-	1.00	22.00	21.83	1.04	-0.06	0.881	0.92
	LTE 38	QPSK20M	Top Side	0	38000	1	0	1	Ant 0	w/	-	1.00	22.00	21.81	1.04	0.11	0.974	1.01
	LTE 38	QPSK20M	Top Side	0	37850	50	0	1	Ant 0	w/	-	1.00	21.00	20.88	1.03	-0.12	0.874	0.90
	LTE 38	QPSK20M	Top Side	0	38000	50	0	1	Ant 0	w/	-	1.00	21.00	20.86	1.03	0.06	0.962	0.99
	LTE 38	QPSK20M	Top Side	0	38150	1	0	2	Ant 0	w/	-	1.00	22.00	21.84	1.04	-0.06	1.02	1.06
	LTE 38	QPSK20M	Top Side	0	37850	1	0	2	Ant 0	w/	-	1.00	22.00	21.83	1.04	0.06	0.937	0.97
	LTE 38	QPSK20M	Top Side	0	38000	1	0	2	Ant 0	w/	-	1.00	22.00	21.81	1.04	0.14	0.874	0.91

### Body SAR Test Result

System & Position								DUT & Accessory			SAR							
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	RB#	RB offset	Sample	Ant Status	Power Reduction	Duty Cycle	Crest Factor	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
	LTE 38	QPSK20M	Top Side	0	38150	1	0	1	Ant 0	w/	-	1.00	22.00	21.84	1.04	0.12	0.995	1.03
	LTE 41	QPSK20M	Bottom of Laptop	0	41490	1	0	1	Ant 0	w/o	-	1.00	24.00	23.31	1.17	0	<0.001	0.00
	LTE 41	QPSK20M	Bottom of Laptop	0	41490	50	0	1	Ant 0	w/o	-	1.00	23.00	22.30	1.17	0	<0.001	0.00
	LTE 41	QPSK20M	Rear Face	0	41490	1	0	1	Ant 0	w/o	-	1.00	24.00	23.31	1.17	-0.02	0.423	0.49
	LTE 41	QPSK20M	Left Side	0	41490	1	0	1	Ant 0	w/o	-	1.00	24.00	23.31	1.17	0	<0.001	0.00
	LTE 41	QPSK20M	Right Side	0	41490	1	0	1	Ant 0	w/o	-	1.00	24.00	23.31	1.17	-0.14	0.127	0.15
	LTE 41	QPSK20M	Top Side	12	41490	1	0	1	Ant 0	w/o	-	1.00	24.00	23.31	1.17	-0.15	0.198	0.23
	LTE 41	QPSK20M	Bottom Side	0	41490	1	0	1	Ant 0	w/o	-	1.00	24.00	23.31	1.17	0	<0.001	0.00
	LTE 41	QPSK20M	Rear Face	0	41490	50	0	1	Ant 0	w/o	-	1.00	23.00	22.30	1.17	0.02	0.345	0.40
	LTE 41	QPSK20M	Left Side	0	41490	50	0	1	Ant 0	w/o	-	1.00	23.00	22.30	1.17	0	<0.001	0.00
	LTE 41	QPSK20M	Right Side	0	41490	50	0	1	Ant 0	w/o	-	1.00	23.00	22.30	1.17	-0.07	0.093	0.11
	LTE 41	QPSK20M	Top Side	12	41490	50	0	1	Ant 0	w/o	-	1.00	23.00	22.30	1.17	0.13	0.192	0.22
	LTE 41	QPSK20M	Bottom Side	0	41490	50	0	1	Ant 0	w/o	-	1.00	23.00	22.30	1.17	0	<0.001	0.00
	LTE 41	QPSK20M	Top Side	0	41490	1	0	1	Ant 0	w/	-	1.00	22.50	22.38	1.03	0.04	0.945	0.97
	LTE 41	QPSK20M	Top Side	0	41490	50	0	1	Ant 0	w/	-	1.00	21.50	20.99	1.12	0.09	0.706	0.79
	LTE 41	QPSK20M	Top Side	0	41490	100	0	1	Ant 0	w/	-	1.00	21.50	20.98	1.13	0.01	0.704	0.80
	LTE 41	QPSK20M	Top Side	0	39750	1	0	1	Ant 0	w/	-	1.00	22.50	22.32	1.04	0.01	0.449	0.47
	LTE 41	QPSK20M	Top Side	0	40185	1	0	1	Ant 0	w/	-	1.00	22.50	22.36	1.03	-0.08	0.883	0.91
	LTE 41	QPSK20M	Top Side	0	40620	1	0	1	Ant 0	w/	-	1.00	22.50	22.34	1.04	0.19	0.937	0.97
16	LTE 41	QPSK20M	Top Side	0	41055	1	0	1	Ant 0	w/	-	1.00	22.50	22.37	1.03	-0.17	0.953	0.98
	LTE 41	QPSK20M	Top Side	0	41055	1	0	2	Ant 0	w/	-	1.00	22.50	22.37	1.03	0.07	0.844	0.87
	LTE 41	QPSK20M	Top Side	0	39750	1	0	2	Ant 0	w/	-	1.00	22.50	22.32	1.04	0.13	0.432	0.45
	LTE 41	QPSK20M	Top Side	0	40185	1	0	2	Ant 0	w/	-	1.00	22.50	22.36	1.03	0.06	0.864	0.89
	LTE 41	QPSK20M	Top Side	0	40620	1	0	2	Ant 0	w/	-	1.00	22.50	22.34	1.04	-0.02	0.914	0.95
	LTE 41	QPSK20M	Top Side	0	41490	1	0	2	Ant 0	w/	-	1.00	22.50	22.38	1.03	0.19	0.932	0.96
	LTE 41	QPSK20M	Top Side	0	41055	1	0	1	Ant 0	w/	-	1.00	22.50	22.37	1.03	-0.06	0.941	0.97
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### Body SAR Test Result

System & Position								DUT & Accessory			SAR							
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	RB#	RB offset	Sample	Ant Status	Power Reduction	Duty Cycle	Crest Factor	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
	LTE 48	QPSK20M	Bottom of Laptop	0	56210	1	0	1	Ant 0	w/o	-	1.00	22.00	21.21	1.20	0	<0.001	0.00
	LTE 48	QPSK20M	Bottom of Laptop	0	56210	50	0	1	Ant 0	w/o	-	1.00	21.00	20.32	1.17	0	<0.001	0.00
	LTE 48	QPSK20M	Rear Face	0	56210	1	0	1	Ant 0	w/o	-	1.00	22.00	21.21	1.20	-0.17	0.155	0.19
	LTE 48	QPSK20M	Left Side	0	56210	1	0	1	Ant 0	w/o	-	1.00	22.00	21.21	1.20	0	<0.001	0.00
	LTE 48	QPSK20M	Right Side	0	56210	1	0	1	Ant 0	w/o	-	1.00	22.00	21.21	1.20	0	<0.001	0.00
17	LTE 48	QPSK20M	Top Side	0	56210	1	0	1	Ant 0	w/o	-	1.00	22.00	21.21	1.20	-0.03	0.293	0.35
	LTE 48	QPSK20M	Bottom Side	0	56210	1	0	1	Ant 0	w/o	-	1.00	22.00	21.21	1.20	0	<0.001	0.00
	LTE 48	QPSK20M	Rear Face	0	56210	50	0	1	Ant 0	w/o	-	1.00	21.00	20.32	1.17	0.16	0.124	0.15
	LTE 48	QPSK20M	Left Side	0	56210	50	0	1	Ant 0	w/o	-	1.00	21.00	20.32	1.17	0	<0.001	0.00
	LTE 48	QPSK20M	Right Side	0	56210	50	0	1	Ant 0	w/o	-	1.00	21.00	20.32	1.17	0.07	0.092	0.11
	LTE 48	QPSK20M	Top Side	0	56210	50	0	1	Ant 0	w/o	-	1.00	21.00	20.32	1.17	-0.07	0.211	0.25
	LTE 48	QPSK20M	Bottom Side	0	56210	50	0	1	Ant 0	w/o	-	1.00	21.00	20.32	1.17	0	<0.001	0.00
	LTE 48	QPSK20M	Top Side	0	55340	1	0	1	Ant 0	w/o	-	1.00	22.00	20.46	1.43	0.16	0.207	0.30
	LTE 48	QPSK20M	Top Side	0	55780	1	0	1	Ant 0	w/o	-	1.00	22.00	20.75	1.33	-0.03	0.227	0.30
	LTE 48	QPSK20M	Top Side	0	56640	1	0	1	Ant 0	w/o	-	1.00	22.00	21.02	1.25	-0.1	0.267	0.33
	LTE 48	QPSK20M	Top Side	0	56210	1	0	2	Ant 0	w/o	-	1.00	22.00	21.21	1.20	-0.15	0.087	0.10
	LTE 66	QPSK20M	Bottom of Laptop	0	132072	1	0	1	Ant 0	w/o	-	1.00	24.00	23.31	1.17	0	<0.001	0.00
	LTE 66	QPSK20M	Bottom of Laptop	0	132072	50	0	1	Ant 0	w/o	-	1.00	23.00	21.99	1.26	0	<0.001	0.00
	LTE 66	QPSK20M	Rear Face	0	132072	1	0	1	Ant 0	w/o	-	1.00	24.00	23.31	1.17	0.19	0.531	0.62
	LTE 66	QPSK20M	Left Side	0	132072	1	0	1	Ant 0	w/o	-	1.00	24.00	23.31	1.17	0	<0.001	0.00
	LTE 66	QPSK20M	Right Side	0	132072	1	0	1	Ant 0	w/o	-	1.00	24.00	23.31	1.17	0.07	0.059	0.07
	LTE 66	QPSK20M	Top Side	12	132072	1	0	1	Ant 0	w/o	-	1.00	24.00	23.31	1.17	0.13	0.264	0.31
	LTE 66	QPSK20M	Bottom Side	0	132072	1	0	1	Ant 0	w/o	-	1.00	24.00	23.31	1.17	0	<0.001	0.00
	LTE 66	QPSK20M	Rear Face	0	132072	50	0	1	Ant 0	w/o	-	1.00	23.00	21.99	1.26	-0.17	0.423	0.53
	LTE 66	QPSK20M	Left Side	0	132072	50	0	1	Ant 0	w/o	-	1.00	23.00	21.99	1.26	0	<0.001	0.00
	LTE 66	QPSK20M	Right Side	0	132072	50	0	1	Ant 0	w/o	-	1.00	23.00	21.99	1.26	-0.03	0.053	0.07
	LTE 66	QPSK20M	Top Side	12	132072	50	0	1	Ant 0	w/o	-	1.00	23.00	21.99	1.26	-0.12	0.258	0.33
	LTE 66	QPSK20M	Bottom Side	0	132072	50	0	1	Ant 0	w/o	-	1.00	23.00	21.99	1.26	0	<0.001	0.00
18	LTE 66	QPSK20M	Top Side	0	132072	1	0	1	Ant 0	w/	-	1.00	19.00	18.97	1.01	-0.07	1.06	1.07
	LTE 66	QPSK20M	Top Side	0	132072	50	0	1	Ant 0	w/	-	1.00	18.00	17.91	1.02	-0.11	0.987	1.01
	LTE 66	QPSK20M	Top Side	0	132072	100	0	1	Ant 0	w/	-	1.00	18.00	17.79	1.05	0.13	0.954	1.00
	LTE 66	QPSK20M	Top Side	0	132322	1	0	1	Ant 0	w/	-	1.00	19.00	18.93	1.02	-0.05	0.962	0.98
	LTE 66	QPSK20M	Top Side	0	132572	1	0	1	Ant 0	w/	-	1.00	19.00	18.95	1.01	0.02	1.01	1.02
	LTE 66	QPSK20M	Top Side	0	132322	50	0	1	Ant 0	w/	-	1.00	18.00	17.89	1.03	-0.17	0.904	0.93
	LTE 66	QPSK20M	Top Side	0	132572	50	0	1	Ant 0	w/	-	1.00	18.00	17.67	1.08	-0.02	0.935	1.01





### Body SAR Test Result

Body SAR Test Result																		
System & Position								DUT & Accessory			SAR							
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	RB#	RB offset	Sample	Ant Status	Power Reduction	Duty Cycle	Crest Factor	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
	LTE 66	QPSK20M	Top Side	0	132072	1	0	2	Ant 0	w/	-	1.00	19.00	18.97	1.01	0.15	0.983	0.99
	LTE 66	QPSK20M	Top Side	0	132322	1	0	2	Ant 0	w/	-	1.00	19.00	18.93	1.02	0.04	0.942	0.96
	LTE 66	QPSK20M	Top Side	0	132572	1	0	2	Ant 0	w/	-	1.00	19.00	18.95	1.01	0.08	0.961	0.97
	LTE 66	QPSK20M	Top Side	0	132072	1	0	1	Ant 0	w/	-	1.00	19.00	18.97	1.01	-0.17	1.01	1.02
	LTE 71	QPSK20M	Bottom of Laptop	0	133372	1	0	1	Ant 0	w/o	-	1.00	25.00	24.21	1.20	0	<0.001	0.00
	LTE 71	QPSK20M	Bottom of Laptop	0	133372	50	0	1	Ant 0	w/o	-	1.00	24.00	23.06	1.24	0	<0.001	0.00
	LTE 71	QPSK20M	Rear Face	0	133372	1	0	1	Ant 0	w/o	-	1.00	25.00	24.21	1.20	-0.15	0.188	0.23
	LTE 71	QPSK20M	Left Side	0	133372	1	0	1	Ant 0	w/o	-	1.00	25.00	24.21	1.20	0	<0.001	0.00
	LTE 71	QPSK20M	Right Side	0	133372	1	0	1	Ant 0	w/o	-	1.00	25.00	24.21	1.20	0.1	0.057	0.07
19	LTE 71	QPSK20M	Top Side	0	133372	1	0	1	Ant 0	w/o	-	1.00	25.00	24.21	1.20	-0.15	0.49	0.59
	LTE 71	QPSK20M	Bottom Side	0	133372	1	0	1	Ant 0	w/o	-	1.00	25.00	24.21	1.20	0	<0.001	0.00
	LTE 71	QPSK20M	Rear Face	0	133372	50	0	1	Ant 0	w/o	-	1.00	24.00	23.06	1.24	0.13	0.148	0.18
	LTE 71	QPSK20M	Left Side	0	133372	50	0	1	Ant 0	w/o	-	1.00	24.00	23.06	1.24	0	<0.001	0.00
	LTE 71	QPSK20M	Right Side	0	133372	50	0	1	Ant 0	w/o	-	1.00	24.00	23.06	1.24	0	<0.001	0.00
	LTE 71	QPSK20M	Top Side	0	133372	50	0	1	Ant 0	w/o	-	1.00	24.00	23.06	1.24	-0.07	0.229	0.28
	LTE 71	QPSK20M	Bottom Side	0	133372	50	0	1	Ant 0	w/o	-	1.00	24.00	23.06	1.24	0	<0.001	0.00
	LTE 71	QPSK20M	Top Side	0	133222	1	0	1	Ant 0	w/o	-	1.00	25.00	24.12	1.22	-0.01	0.431	0.53
	LTE 71	QPSK20M	Top Side	0	133297	1	0	1	Ant 0	w/o	-	1.00	25.00	24.16	1.21	-0.08	0.414	0.50
	LTE 71	QPSK20M	Top Side	0	133372	1	0	2	Ant 0	w/o	-	1.00	25.00	24.21	1.20	0.05	0.354	0.42
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### Body SAR Test Result

System & Position								DUT & Accessory			SAR								
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	RB#	RB offset	Sample	Ant Status	Power Reduction	Duty Cycle	Crest Factor	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)	
	AX201NGW																	-	-
20	WLAN2.4G	802.11b	Bottom of Laptop	0	6			1	Ant 0		98.10	1.02	20.00	19.97	1.01	0	<0.001	0.00	
	WLAN2.4G	802.11b	Bottom of Laptop	0	6			1	Ant 1		98.10	1.02	18.00	17.99	1.00	-0.13	1.11	1.13	
	WLAN2.4G	802.11n HT20	Bottom of Laptop	0	6			1	Ant 0+1		99.20	1.01	20.50	20.47	1.01	0.09	1.01	1.03	
	WLAN2.4G	802.11b	Rear Face	0	6			1	Ant 0		98.10	1.02	20.00	19.97	1.01	0.17	0.15	0.15	
	WLAN2.4G	802.11b	Left Side	0	6			1	Ant 0		98.10	1.02	20.00	19.97	1.01	-0.14	0.719	0.74	
	WLAN2.4G	802.11b	Right Side	0	6			1	Ant 0		98.10	1.02	20.00	19.97	1.01	0	<0.001	0.00	
	WLAN2.4G	802.11b	Top Side	0	6			1	Ant 0		98.10	1.02	20.00	19.97	1.01	0.1	0.139	0.14	
	WLAN2.4G	802.11b	Bottom Side	0	6			1	Ant 0		98.10	1.02	20.00	19.97	1.01	0	<0.001	0.00	
	WLAN2.4G	802.11b	Rear Face	0	6			1	Ant 1		98.10	1.02	16.00	15.99	1.00	0.01	0.622	0.63	
	WLAN2.4G	802.11b	Left Side	0	6			1	Ant 1		98.10	1.02	16.00	15.99	1.00	0	<0.001	0.00	
	WLAN2.4G	802.11b	Right Side	0	6			1	Ant 1		98.10	1.02	16.00	15.99	1.00	0.11	1.02	1.04	
	WLAN2.4G	802.11b	Top Side	0	6			1	Ant 1		98.10	1.02	16.00	15.99	1.00	0.14	0.173	0.18	
	WLAN2.4G	802.11b	Bottom Side	0	6			1	Ant 1		98.10	1.02	16.00	15.99	1.00	0	<0.001	0.00	
	WLAN2.4G	802.11n HT20	Rear Face	0	6			1	Ant 0+1		99.20	1.01	19.00	18.99	1.00	0.06	0.561	0.57	
	WLAN2.4G	802.11n HT20	Left Side	0	6			1	Ant 0+1		99.20	1.01	19.00	18.99	1.00	-0.09	0.418	0.42	
	WLAN2.4G	802.11n HT20	Right Side	0	6			1	Ant 0+1		99.20	1.01	19.00	18.99	1.00	-0.15	0.83	0.84	
	WLAN2.4G	802.11n HT20	Top Side	0	6			1	Ant 0+1		99.20	1.01	19.00	18.99	1.00	0.06	0.21	0.21	
	WLAN2.4G	802.11n HT20	Bottom Side	0	6			1	Ant 0+1		99.20	1.01	19.00	18.99	1.00	0	<0.001	0.00	
	WLAN2.4G	802.11b	Bottom of Laptop	0	1			1	Ant 1		98.10	1.02	18.00	17.97	1.01	0.17	1.05	1.08	
	WLAN2.4G	802.11b	Bottom of Laptop	0	11			1	Ant 1		98.10	1.02	18.00	17.96	1.01	0.19	1.07	1.10	
WLAN2.4G	802.11b	Bottom of Laptop	0	12			1	Ant 1		98.10	1.02	18.00	17.97	1.01	0.01	0.901	0.93		
WLAN2.4G	802.11b	Bottom of Laptop	0	13			1	Ant 1		98.10	1.02	15.50	15.43	1.02	0.11	0.494	0.51		
WLAN2.4G	802.11n HT20	Bottom of Laptop	0	1			1	Ant 0+1		99.20	1.01	17.00	16.96	1.01	-0.13	0.43	0.44		
WLAN2.4G	802.11n HT20	Bottom of Laptop	0	11			1	Ant 0+1		99.20	1.01	16.75	16.72	1.01	-0.04	0.405	0.41		
WLAN2.4G	802.11n HT20	Bottom of Laptop	0	12			1	Ant 0+1		99.20	1.01	15.50	15.46	1.01	0.19	0.306	0.31		
WLAN2.4G	802.11n HT20	Bottom of Laptop	0	13			1	Ant 0+1		99.20	1.01	2.00	1.98	1.00	0	<0.001	0.00		
WLAN2.4G	802.11b	Right Side	0	1			1	Ant 1		98.10	1.02	16.00	15.92	1.02	0.05	0.995	1.04		
WLAN2.4G	802.11b	Right Side	0	11			1	Ant 1		98.10	1.02	16.00	15.94	1.01	-0.07	1.06	1.09		
WLAN2.4G	802.11b	Right Side	0	12			1	Ant 1		98.10	1.02	16.00	15.95	1.01	-0.14	1.03	1.06		
WLAN2.4G	802.11b	Right Side	0	13			1	Ant 1		98.10	1.02	15.50	15.49	1.00	-0.18	0.781	0.80		
WLAN2.4G	802.11n HT20	Right Side	0	1			1	Ant 0+1		99.20	1.01	17.00	16.96	1.01	-0.13	0.416	0.42		
WLAN2.4G	802.11n HT20	Right Side	0	11			1	Ant 0+1		99.20	1.01	16.75	16.72	1.01	-0.04	0.398	0.41		
WLAN2.4G	802.11n HT20	Right Side	0	12			1	Ant 0+1		99.20	1.01	15.50	15.46	1.01	0.19	0.286	0.29		
WLAN2.4G	802.11n HT20	Right Side	0	13			1	Ant 0+1		99.20	1.01	2.00	1.98	1.00	0	<0.001	0.00		

### Body SAR Test Result

System & Position								DUT & Accessory			SAR							
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	RB#	RB offset	Sample	Ant Status	Power Reduction	Duty Cycle	Crest Factor	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
	WLAN2.4G	802.11b	Bottom of Laptop	0	6			2	Ant 1		98.10	1.02	18.00	17.99	1.00	0.15	1.06	1.08
	WLAN2.4G	802.11b	Bottom of Laptop	0	1			2	Ant 1		98.10	1.02	18.00	17.97	1.01	-0.07	0.987	1.02
	WLAN2.4G	802.11b	Bottom of Laptop	0	11			2	Ant 1		98.10	1.02	18.00	17.96	1.01	-0.14	1.01	1.04
	WLAN2.4G	802.11b	Bottom of Laptop	0	12			2	Ant 1		98.10	1.02	18.00	17.97	1.01	-0.03	0.846	0.87
	WLAN2.4G	802.11b	Bottom of Laptop	0	13			2	Ant 1		98.10	1.02	15.50	15.43	1.02	-0.12	0.464	0.48
	WLAN2.4G	802.11b	Bottom of Laptop	0	6			1	Ant 1		98.10	1.02	18.00	17.99	1.00	-0.13	1.08	1.10
																		-
	WLAN5.3G	802.11n HT40	Bottom of Laptop	0	54			1	Ant 0		97.70	1.02	20.00	19.96	1.01	0	<0.001	0.00
	WLAN5.3G	802.11n HT40	Bottom of Laptop	0	54			1	Ant 1		97.80	1.02	15.00	14.96	1.01	-0.02	1.06	1.09
	WLAN5.3G	802.11n HT40	Bottom of Laptop	0	54			1	Ant 0+1		97.70	1.02	18.00	17.97	1.01	0.02	0.996	1.03
	WLAN5.3G	802.11ac VHT80	Rear Face	0	58			1	Ant 0		98.20	1.02	16.00	15.98	1.00	0.11	0.115	0.12
21	WLAN5.3G	802.11ac VHT80	Left Side	0	58			1	Ant 0		98.20	1.02	16.00	15.98	1.00	0.11	1.15	1.17
	WLAN5.3G	802.11ac VHT80	Right Side	0	58			1	Ant 0		98.20	1.02	16.00	15.98	1.00	0	<0.001	0.00
	WLAN5.3G	802.11ac VHT80	Top Side	0	58			1	Ant 0		98.20	1.02	16.00	15.98	1.00	-0.14	0.048	0.05
	WLAN5.3G	802.11ac VHT80	Bottom Side	0	58			1	Ant 0		98.20	1.02	16.00	15.98	1.00	0	<0.001	0.00
	WLAN5.3G	802.11ac VHT80	Rear Face	0	58			1	Ant 1		98.00	1.02	11.00	10.99	1.00	-0.01	0.267	0.27
	WLAN5.3G	802.11ac VHT80	Left Side	0	58			1	Ant 1		98.00	1.02	11.00	10.99	1.00	0	<0.001	0.00
	WLAN5.3G	802.11ac VHT80	Right Side	0	58			1	Ant 1		98.00	1.02	11.00	10.99	1.00	0.13	0.425	0.43
	WLAN5.3G	802.11ac VHT80	Top Side	0	58			1	Ant 1		98.00	1.02	11.00	10.99	1.00	0.11	0.02	0.02
	WLAN5.3G	802.11ac VHT80	Bottom Side	0	58			1	Ant 1		98.00	1.02	11.00	10.99	1.00	0	<0.001	0.00
	WLAN5.3G	802.11ac VHT80	Rear Face	0	58			1	Ant 0+1		98.20	1.02	14.00	13.97	1.01	0.1	0.447	0.46
	WLAN5.3G	802.11ac VHT80	Left Side	0	58			1	Ant 0+1		98.20	1.02	14.00	13.97	1.01	0.19	0.158	0.16
	WLAN5.3G	802.11ac VHT80	Right Side	0	58			1	Ant 0+1		98.20	1.02	14.00	13.97	1.01	0.1	0.616	0.63
	WLAN5.3G	802.11ac VHT80	Top Side	0	58			1	Ant 0+1		98.20	1.02	14.00	13.97	1.01	-0.15	0.028	0.03
	WLAN5.3G	802.11ac VHT80	Bottom Side	0	58			1	Ant 0+1		98.20	1.02	14.00	13.97	1.01	0	<0.001	0.00
	WLAN5.3G	802.11n HT40	Bottom of Laptop	0	62			1	Ant 1		97.80	1.02	15.00	14.93	1.02	-0.14	1.04	1.08
	WLAN5.3G	802.11n HT40	Bottom of Laptop	0	62			1	Ant 0+1		97.70	1.02	16.00	15.97	1.01	-0.06	0.75	0.77
	WLAN5.3G	802.11ac VHT80	Left Side	0	58			2	Ant 0		98.20	1.02	16.00	15.98	1.00	-0.01	1.09	1.11
	WLAN5.3G	802.11ac VHT80	Left Side	0	58			1	Ant 0		98.20	1.02	16.00	15.98	1.00	0.18	1.12	1.14

### Body SAR Test Result

System & Position								DUT & Accessory			SAR							
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	RB#	RB offset	Sample	Ant Status	Power Reduction	Duty Cycle	Crest Factor	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
	WLAN5.6G	802.11ac VHT80	Bottom of Laptop	0	138			1	Ant 0		98.20	1.02	20.00	19.96	1.01	-0.17	0.08	0.08
	WLAN5.6G	802.11ac VHT80	Bottom of Laptop	0	138			1	Ant 1		98.00	1.02	15.00	14.99	1.00	-0.19	1.11	1.13
	WLAN5.6G	802.11ac VHT80	Bottom of Laptop	0	138			1	Ant 0+1		98.20	1.02	18.00	17.99	1.00	0.18	1.05	1.07
	WLAN5.6G	802.11ac VHT80	Rear Face	0	138			1	Ant 0		98.20	1.02	15.00	14.99	1.00	-0.04	0.218	0.22
	WLAN5.6G	802.11ac VHT80	Left Side	0	138			1	Ant 0		98.20	1.02	15.00	14.99	1.00	-0.17	0.565	0.58
	WLAN5.6G	802.11ac VHT80	Right Side	0	138			1	Ant 0		98.20	1.02	15.00	14.99	1.00	0	<0.001	0.00
	WLAN5.6G	802.11ac VHT80	Top Side	0	138			1	Ant 0		98.20	1.02	15.00	14.99	1.00	-0.1	0.048	0.05
	WLAN5.6G	802.11ac VHT80	Bottom Side	0	138			1	Ant 0		98.20	1.02	15.00	14.99	1.00	0	<0.001	0.00
	WLAN5.6G	802.11ac VHT80	Rear Face	0	138			1	Ant 1		98.00	1.02	13.00	12.99	1.00	0.01	0.419	0.43
	WLAN5.6G	802.11ac VHT80	Left Side	0	138			1	Ant 1		98.00	1.02	13.00	12.99	1.00	0	<0.001	0.00
22	WLAN5.6G	802.11ac VHT80	Right Side	0	138			1	Ant 1		98.00	1.02	13.00	12.99	1.00	-0.03	1.12	1.14
	WLAN5.6G	802.11ac VHT80	Top Side	0	138			1	Ant 1		98.00	1.02	13.00	12.99	1.00	-0.16	0.04	0.04
	WLAN5.6G	802.11ac VHT80	Bottom Side	0	138			1	Ant 1		98.00	1.02	13.00	12.99	1.00	0	<0.001	0.00
	WLAN5.6G	802.11ac VHT80	Rear Face	0	138			1	Ant 0+1		98.20	1.02	16.00	15.99	1.00	0.14	0.569	0.58
	WLAN5.6G	802.11ac VHT80	Left Side	0	138			1	Ant 0+1		98.20	1.02	16.00	15.99	1.00	0.1	0.256	0.26
	WLAN5.6G	802.11ac VHT80	Right Side	0	138			1	Ant 0+1		98.20	1.02	16.00	15.99	1.00	-0.15	0.867	0.88
	WLAN5.6G	802.11ac VHT80	Top Side	0	138			1	Ant 0+1		98.20	1.02	16.00	15.99	1.00	-0.08	0.085	0.09
	WLAN5.6G	802.11ac VHT80	Bottom Side	0	138			1	Ant 0+1		98.20	1.02	16.00	15.99	1.00	0	<0.001	0.00
	WLAN5.6G	802.11ac VHT80	Bottom of Laptop	0	106			1	Ant 1		98.00	1.02	15.00	14.95	1.01	0.03	0.863	0.89
	WLAN5.6G	802.11ac VHT80	Bottom of Laptop	0	122			1	Ant 1		98.00	1.02	15.00	14.96	1.01	0.11	1.02	1.05
	WLAN5.6G	802.11ac VHT80	Bottom of Laptop	0	106			1	Ant 0+1		98.20	1.02	18.00	17.95	1.01	-0.01	0.859	0.88
	WLAN5.6G	802.11ac VHT80	Bottom of Laptop	0	122			1	Ant 0+1		98.20	1.02	18.00	17.94	1.01	-0.13	1	1.03
	WLAN5.6G	802.11ac VHT80	Right Side	0	106			1	Ant 1		98.00	1.02	13.00	12.94	1.01	-0.11	0.943	0.97
	WLAN5.6G	802.11ac VHT80	Right Side	0	122			1	Ant 1		98.00	1.02	13.00	12.96	1.01	0.08	0.858	0.88
	WLAN5.6G	802.11ac VHT80	Right Side	0	106			1	Ant 0+1		98.20	1.02	16.00	15.98	1.00	-0.03	0.764	0.78
	WLAN5.6G	802.11ac VHT80	Right Side	0	122			1	Ant 0+1		98.20	1.02	16.00	15.95	1.01	-0.19	0.665	0.69
	WLAN5.6G	802.11ac VHT80	Right Side	0	138			2	Ant 1		98.00	1.02	13.00	12.99	1.00	-0.11	1.07	1.09
	WLAN5.6G	802.11ac VHT80	Right Side	0	106			2	Ant 1		98.00	1.02	13.00	12.94	1.01	0.07	0.892	0.92
	WLAN5.6G	802.11ac VHT80	Right Side	0	122			2	Ant 1		98.00	1.02	13.00	12.96	1.01	-0.04	0.811	0.84
	WLAN5.6G	802.11ac VHT80	Right Side	0	138			1	Ant 1		98.00	1.02	13.00	12.99	1.00	-0.03	1.1	1.12

### Body SAR Test Result

System & Position								DUT & Accessory			SAR							
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	RB#	RB offset	Sample	Ant Status	Power Reduction	Duty Cycle	Crest Factor	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
	WLAN5.8G	802.11n HT40	Bottom of Laptop	0	151			1	Ant 0		97.70	1.02	20.00	19.99	1.00	-0.07	0.107	0.11
	WLAN5.8G	802.11n HT40	Bottom of Laptop	0	151			1	Ant 1		97.80	1.02	15.00	14.96	1.01	-0.13	1.11	1.14
	WLAN5.8G	802.11n HT40	Bottom of Laptop	0	151			1	Ant 0+1		97.70	1.02	18.00	17.97	1.01	0.08	1.06	1.09
	WLAN5.8G	802.11ac VHT80	Rear Face	0	155			1	Ant 0		98.20	1.02	15.00	14.98	1.00	0.1	0.285	0.29
23	WLAN5.8G	802.11ac VHT80	Left Side	0	155			1	Ant 0		98.20	1.02	15.00	14.98	1.00	-0.08	1.14	1.16
	WLAN5.8G	802.11ac VHT80	Right Side	0	155			1	Ant 0		98.20	1.02	15.00	14.98	1.00	0	<0.001	0.00
	WLAN5.8G	802.11ac VHT80	Top Side	0	155			1	Ant 0		98.20	1.02	15.00	14.98	1.00	0.03	0.231	0.24
	WLAN5.8G	802.11ac VHT80	Bottom Side	0	155			1	Ant 0		98.20	1.02	15.00	14.98	1.00	0	<0.001	0.00
	WLAN5.8G	802.11ac VHT80	Rear Face	0	155			1	Ant 1		98.00	1.02	13.50	13.48	1.00	0.05	0.69	0.70
	WLAN5.8G	802.11ac VHT80	Left Side	0	155			1	Ant 1		98.00	1.02	13.50	13.48	1.00	0	<0.001	0.00
	WLAN5.8G	802.11ac VHT80	Right Side	0	155			1	Ant 1		98.00	1.02	13.50	13.48	1.00	0.07	0.71	0.72
	WLAN5.8G	802.11ac VHT80	Top Side	0	155			1	Ant 1		98.00	1.02	13.50	13.48	1.00	-0.15	0.07	0.07
	WLAN5.8G	802.11ac VHT80	Bottom Side	0	155			1	Ant 1		98.00	1.02	13.50	13.48	1.00	0	<0.001	0.00
	WLAN5.8G	802.11ac VHT80	Rear Face	0	155			1	Ant 0+1		98.20	1.02	16.50	16.47	1.01	-0.15	0.535	0.55
	WLAN5.8G	802.11ac VHT80	Left Side	0	155			1	Ant 0+1		98.20	1.02	16.50	16.47	1.01	-0.04	1.01	1.04
	WLAN5.8G	802.11ac VHT80	Right Side	0	155			1	Ant 0+1		98.20	1.02	16.50	16.47	1.01	0.03	0.359	0.37
	WLAN5.8G	802.11ac VHT80	Top Side	0	155			1	Ant 0+1		98.20	1.02	16.50	16.47	1.01	0.13	0.137	0.14
	WLAN5.8G	802.11ac VHT80	Bottom Side	0	155			1	Ant 0+1		98.20	1.02	16.50	16.47	1.01	0	<0.001	0.00
	WLAN5.8G	802.11ac VHT80	Bottom of Laptop	0	159			1	Ant 1		98.00	1.02	15.00	14.93	1.02	0.01	0.955	0.99
	WLAN5.8G	802.11ac VHT80	Bottom of Laptop	0	159			1	Ant 0+1		98.20	1.02	18.00	17.95	1.01	-0.1	0.948	0.98
	WLAN5.8G	802.11ac VHT80	Left Side	0	155			2	Ant 0		98.20	1.02	15.00	14.98	1.00	-0.19	1.12	1.14
	WLAN5.8G	802.11ac VHT80	Left Side	0	155			1	Ant 0		98.20	1.02	15.00	14.98	1.00	-0.08	1.11	1.13
24	BT	BDR	Bottom of Laptop	0	39			1	Ant 1		76.86	1.30	10.00	9.86	1.03	0.05	0.144	0.19
	BT	BDR	Rear Face	0	39			1	Ant 1		76.86	1.30	10.00	9.86	1.03	0.12	0.11	0.15
	BT	BDR	Left Side	0	39			1	Ant 1		76.86	1.30	10.00	9.86	1.03	0	<0.001	0.00
	BT	BDR	Right Side	0	39			1	Ant 1		76.86	1.30	10.00	9.86	1.03	0.12	0.133	0.18
	BT	BDR	Top Side	0	39			1	Ant 1		76.86	1.30	10.00	9.86	1.03	-0.19	0.036	0.05
	BT	BDR	Bottom Side	0	39			1	Ant 1		76.86	1.30	10.00	9.86	1.03	0	<0.001	0.00
	BT	BDR	Bottom of Laptop	0	0			1	Ant 1		76.86	1.30	10.00	9.81	1.04	0.15	0.106	0.14
	BT	BDR	Bottom of Laptop	0	78			1	Ant 1		76.86	1.30	10.00	9.78	1.05	-0.14	0.101	0.14
	BT	BDR	Bottom of Laptop	0	39			2	Ant 1		76.86	1.30	10.00	9.86	1.03	0.02	0.136	0.18



### Body SAR Test Result

System & Position								DUT & Accessory			SAR							
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	RB#	RB offset	Sample	Ant Status	Power Reduction	Duty Cycle	Crest Factor	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
	9462NGW																-	-
	WLAN2.4G	802.11b	Bottom of Laptop	0	6			1	Ant 0		97.10	1.03	20.00	19.97	1.01	0	<0.001	0.00
	WLAN2.4G	802.11b	Bottom of Laptop	0	6			1	Ant 1		97.10	1.03	18.00	17.99	1.00	0.06	1.06	1.09
	WLAN2.4G	802.11b	Rear Face	0	6			1	Ant 0		97.10	1.03	20.00	19.97	1.01	-0.08	0.145	0.15
	WLAN2.4G	802.11b	Left Side	0	6			1	Ant 0		97.10	1.03	20.00	19.97	1.01	0.18	0.56	0.58
	WLAN2.4G	802.11b	Right Side	0	6			1	Ant 0		97.10	1.03	20.00	19.97	1.01	0	<0.001	0.00
	WLAN2.4G	802.11b	Top Side	0	6			1	Ant 0		97.10	1.03	20.00	19.97	1.01	0.18	0.109	0.11
	WLAN2.4G	802.11b	Bottom Side	0	6			1	Ant 0		97.10	1.03	20.00	19.97	1.01	0.18	0.088	0.09
	WLAN2.4G	802.11b	Rear Face	0	6			1	Ant 1		97.10	1.03	16.00	15.99	1.00	0.17	0.395	0.41
	WLAN2.4G	802.11b	Left Side	0	6			1	Ant 1		97.10	1.03	16.00	15.99	1.00	0	<0.001	0.00
25	WLAN2.4G	802.11b	Right Side	0	6			1	Ant 1		97.10	1.03	16.00	15.99	1.00	-0.03	1.09	1.12
	WLAN2.4G	802.11b	Top Side	0	6			1	Ant 1		97.10	1.03	16.00	15.99	1.00	-0.08	0.212	0.22
	WLAN2.4G	802.11b	Bottom Side	0	6			1	Ant 1		97.10	1.03	16.00	15.99	1.00	0	<0.001	0.00
	WLAN2.4G	802.11b	Bottom of Laptop	0	1			1	Ant 1		97.10	1.03	17.25	17.19	1.01	0.18	0.938	0.98
	WLAN2.4G	802.11b	Bottom of Laptop	0	11			1	Ant 1		97.10	1.03	18.00	17.96	1.01	-0.18	1.04	1.08
	WLAN2.4G	802.11b	Bottom of Laptop	0	12			1	Ant 1		97.10	1.03	16.00	15.98	1.00	0.18	0.68	0.70
	WLAN2.4G	802.11b	Bottom of Laptop	0	13			1	Ant 1		97.10	1.03	14.00	13.94	1.01	0.18	0.431	0.45
	WLAN2.4G	802.11b	Right Side	0	1			1	Ant 1		97.10	1.03	16.00	15.95	1.01	0.17	0.663	0.69
	WLAN2.4G	802.11b	Right Side	0	11			1	Ant 1		97.10	1.03	16.00	15.94	1.01	0.09	0.713	0.74
	WLAN2.4G	802.11b	Right Side	0	12			1	Ant 1		97.10	1.03	16.00	15.98	1.00	0.12	0.695	0.72
	WLAN2.4G	802.11b	Right Side	0	13			1	Ant 1		97.10	1.03	14.00	13.94	1.01	-0.04	0.46	0.48
	WLAN2.4G	802.11b	Right Side	0	6			2	Ant 1		97.10	1.03	16.00	15.99	1.00	-0.01	0.931	0.96
	WLAN2.4G	802.11b	Right Side	0	1			2	Ant 1		97.10	1.03	16.00	15.95	1.01	-0.01	0.741	0.77
	WLAN2.4G	802.11b	Right Side	0	11			2	Ant 1		97.10	1.03	16.00	15.94	1.01	-0.12	0.941	0.98
	WLAN2.4G	802.11b	Right Side	0	12			2	Ant 1		97.10	1.03	16.00	15.98	1.00	0.12	0.551	0.57
	WLAN2.4G	802.11b	Right Side	0	13			2	Ant 1		97.10	1.03	14.00	13.94	1.01	0.18	0.331	0.34
	WLAN2.4G	802.11b	Right Side	0	6			1	Ant 1		97.10	1.03	16.00	15.99	1.00	0.18	1.03	1.06
																		-

### Body SAR Test Result

System & Position								DUT & Accessory			SAR							
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	RB#	RB offset	Sample	Ant Status	Power Reduction	Duty Cycle	Crest Factor	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
	WLAN5.3G	802.11n HT20	Bottom of Laptop	0	52			1	Ant 0		98.80	1.01	19.50	19.49	1.00	0	<0.001	0.00
	WLAN5.3G	802.11n HT20	Bottom of Laptop	0	52			1	Ant 1		98.90	1.01	15.00	14.99	1.00	-0.06	1.11	1.12
	WLAN5.3G	802.11n HT40	Rear Face	0	54			1	Ant 0		98.40	1.02	16.00	15.98	1.00	0.1	0.199	0.20
26	WLAN5.3G	802.11n HT40	Left Side	0	54			1	Ant 0		98.40	1.02	16.00	15.98	1.00	-0.01	1.11	1.13
	WLAN5.3G	802.11n HT40	Right Side	0	54			1	Ant 0		98.40	1.02	16.00	15.98	1.00	0	<0.001	0.00
	WLAN5.3G	802.11n HT40	Top Side	0	54			1	Ant 0		98.40	1.02	16.00	15.98	1.00	0.16	0.098	0.10
	WLAN5.3G	802.11n HT40	Bottom Side	0	54			1	Ant 0		98.40	1.02	16.00	15.98	1.00	0	<0.001	0.00
	WLAN5.3G	802.11n HT40	Rear Face	0	54			1	Ant 1		98.30	1.02	11.00	10.98	1.00	-0.03	0.35	0.36
	WLAN5.3G	802.11n HT40	Left Side	0	54			1	Ant 1		98.30	1.02	11.00	10.98	1.00	0	<0.001	0.00
	WLAN5.3G	802.11n HT40	Right Side	0	54			1	Ant 1		98.30	1.02	11.00	10.98	1.00	0.02	0.275	0.28
	WLAN5.3G	802.11n HT40	Top Side	0	54			1	Ant 1		98.30	1.02	11.00	10.98	1.00	0	<0.001	0.00
	WLAN5.3G	802.11n HT40	Bottom Side	0	54			1	Ant 1		98.30	1.02	11.00	10.98	1.00	0	<0.001	0.00
	WLAN5.3G	802.11n HT20	Bottom of Laptop	0	56			1	Ant 1		98.90	1.01	15.00	14.96	1.01	-0.09	1.1	1.12
	WLAN5.3G	802.11n HT20	Bottom of Laptop	0	60			1	Ant 1		98.90	1.01	15.00	14.92	1.02	0.07	0.969	1.00
	WLAN5.3G	802.11n HT20	Bottom of Laptop	0	64			1	Ant 1		98.90	1.01	14.00	13.97	1.01	-0.12	0.797	0.81
	WLAN5.3G	802.11n HT40	Left Side	0	62			1	Ant 0		98.40	1.02	11.00	10.99	1.00	-0.14	0.267	0.27
	WLAN5.3G	802.11n HT40	Left Side	0	54			2	Ant 0		98.40	1.02	16.00	15.98	1.00	-0.03	1	1.02
	WLAN5.3G	802.11n HT40	Left Side	0	62			2	Ant 0		98.40	1.02	11.00	10.99	1.00	0.12	0.169	0.17
	WLAN5.3G	802.11n HT40	Left Side	0	54			1	Ant 0		98.40	1.02	16.00	15.98	1.00	-0.03	1.08	1.10
	WLAN5.6G	802.11n HT40	Bottom of Laptop	0	110			1	Ant 0		98.40	1.02	20.00	19.98	1.00	0	<0.001	0.00
	WLAN5.6G	802.11n HT40	Bottom of Laptop	0	110			1	Ant 1		98.30	1.02	15.00	14.99	1.00	-0.05	1.04	1.06
	WLAN5.6G	802.11ac VHT80	Rear Face	0	138			1	Ant 0		99.20	1.01	15.00	14.98	1.00	-0.08	0.191	0.19
27	WLAN5.6G	802.11ac VHT80	Left Side	0	138			1	Ant 0		99.20	1.01	15.00	14.98	1.00	-0.13	1.12	1.13
	WLAN5.6G	802.11ac VHT80	Right Side	0	138			1	Ant 0		99.20	1.01	15.00	14.98	1.00	0	<0.001	0.00
	WLAN5.6G	802.11ac VHT80	Top Side	0	138			1	Ant 0		99.20	1.01	15.00	14.98	1.00	0.09	0.175	0.18
	WLAN5.6G	802.11ac VHT80	Bottom Side	0	138			1	Ant 0		99.20	1.01	15.00	14.98	1.00	0	<0.001	0.00
	WLAN5.6G	802.11ac VHT80	Rear Face	0	138			1	Ant 1		99.20	1.01	13.00	12.98	1.00	0.1	0.402	0.41
	WLAN5.6G	802.11ac VHT80	Left Side	0	138			1	Ant 1		99.20	1.01	13.00	12.98	1.00	0	<0.001	0.00
	WLAN5.6G	802.11ac VHT80	Right Side	0	138			1	Ant 1		99.20	1.01	13.00	12.98	1.00	-0.14	0.471	0.48
	WLAN5.6G	802.11ac VHT80	Top Side	0	138			1	Ant 1		99.20	1.01	13.00	12.98	1.00	-0.01	0.07	0.07
	WLAN5.6G	802.11ac VHT80	Bottom Side	0	138			1	Ant 1		99.20	1.01	13.00	12.98	1.00	0	<0.001	0.00
	WLAN5.6G	802.11n HT40	Bottom of Laptop	0	102			1	Ant 1		98.30	1.02	15.00	14.84	1.04	0.18	0.934	0.99
	WLAN5.6G	802.11n HT40	Bottom of Laptop	0	118			1	Ant 1		98.30	1.02	15.00	14.94	1.01	-0.13	0.965	0.99
	WLAN5.6G	802.11n HT40	Bottom of Laptop	0	126			1	Ant 1		98.30	1.02	15.00	14.91	1.02	0.16	0.973	1.01
	WLAN5.6G	802.11n HT40	Bottom of Laptop	0	134			1	Ant 1		98.30	1.02	15.00	14.86	1.03	-0.16	1.02	1.07
	WLAN5.6G	802.11n HT40	Bottom of Laptop	0	142			1	Ant 1		98.30	1.02	15.00	14.87	1.03	-0.09	1.01	1.06

### Body SAR Test Result

System & Position								DUT & Accessory			SAR							
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	RB#	RB offset	Sample	Ant Status	Power Reduction	Duty Cycle	Crest Factor	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
	WLAN5.6G	802.11ac VHT80	Left Side	0	106			1	Ant 0		99.20	1.01	15.00	14.96	1.01	-0.01	1.01	1.03
	WLAN5.6G	802.11ac VHT80	Left Side	0	138			2	Ant 0		99.20	1.01	15.00	14.98	1.00	0.16	1.03	1.04
	WLAN5.6G	802.11ac VHT80	Left Side	0	106			2	Ant 0		99.20	1.01	15.00	14.96	1.01	-0.16	1.06	1.08
	WLAN5.6G	802.11ac VHT80	Left Side	0	138			1	Ant 0		99.20	1.01	15.00	14.98	1.00	0.12	1.07	1.08
	WLAN5.8G	802.11n HT40	Bottom of Laptop	0	151			1	Ant 0		98.40	1.02	20.00	19.96	1.01	0	<0.001	0.00
	WLAN5.8G	802.11n HT40	Bottom of Laptop	0	151			1	Ant 1		98.30	1.02	15.00	14.98	1.00	-0.03	1.07	1.09
	WLAN5.8G	802.11n HT40	Rear Face	0	151			1	Ant 0		98.40	1.02	15.00	14.98	1.00	-0.08	0.209	0.21
28	WLAN5.8G	802.11n HT40	Left Side	0	151			1	Ant 0		98.40	1.02	15.00	14.98	1.00	-0.09	1.16	1.18
	WLAN5.8G	802.11n HT40	Right Side	0	151			1	Ant 0		98.40	1.02	15.00	14.98	1.00	0	<0.001	0.00
	WLAN5.8G	802.11n HT40	Top Side	0	151			1	Ant 0		98.40	1.02	15.00	14.98	1.00	-0.06	0.154	0.16
	WLAN5.8G	802.11n HT40	Bottom Side	0	151			1	Ant 0		98.40	1.02	15.00	14.98	1.00	0	<0.001	0.00
	WLAN5.8G	802.11n HT40	Rear Face	0	151			1	Ant 1		98.30	1.02	13.50	13.47	1.01	-0.08	0.376	0.39
	WLAN5.8G	802.11n HT40	Left Side	0	151			1	Ant 1		98.30	1.02	13.50	13.47	1.01	0	<0.001	0.00
	WLAN5.8G	802.11n HT40	Right Side	0	151			1	Ant 1		98.30	1.02	13.50	13.47	1.01	-0.09	0.592	0.61
	WLAN5.8G	802.11n HT40	Top Side	0	151			1	Ant 1		98.30	1.02	13.50	13.47	1.01	0.02	0.097	0.10
	WLAN5.8G	802.11n HT40	Bottom Side	0	151			1	Ant 1		98.30	1.02	13.50	13.47	1.01	0	<0.001	0.00
	WLAN5.8G	802.11n HT40	Bottom of Laptop	0	159			1	Ant 1		98.30	1.02	15.00	14.96	1.01	-0.05	0.963	0.99
	WLAN5.8G	802.11n HT40	Left Side	0	159			1	Ant 0		98.40	1.02	15.00	14.96	1.01	-0.19	0.953	0.98
	WLAN5.8G	802.11n HT40	Left Side	0	151			2	Ant 0		98.40	1.02	15.00	14.98	1.00	0.14	1.08	1.10
	WLAN5.8G	802.11n HT40	Left Side	0	159			2	Ant 0		98.40	1.02	15.00	14.96	1.01	0.17	0.971	1.00
	WLAN5.8G	802.11n HT40	Left Side	0	151			1	Ant 0		98.40	1.02	15.00	14.98	1.00	-0.04	1.12	1.14
	BT	BDR	Bottom of Laptop	0	39			1	Ant 1		77.07	1.30	11.00	10.87	1.03	-0.07	0.162	0.22
	BT	BDR	Rear Face	0	39			1	Ant 1		77.07	1.30	11.00	10.87	1.03	-0.09	0.136	0.18
	BT	BDR	Left Side	0	39			1	Ant 1		77.07	1.30	11.00	10.87	1.03	0	<0.001	0.00
	BT	BDR	Right Side	0	39			1	Ant 1		77.07	1.30	11.00	10.87	1.03	0.18	0.064	0.09
	BT	BDR	Top Side	0	39			1	Ant 1		77.07	1.30	11.00	10.87	1.03	0.07	0.059	0.08
	BT	BDR	Bottom Side	0	39			1	Ant 1		77.07	1.30	11.00	10.87	1.03	0	<0.001	0.00
	BT	BDR	Bottom of Laptop	0	0			1	Ant 1		77.07	1.30	11.00	10.03	1.25	-0.06	0.142	0.23
29	BT	BDR	Bottom of Laptop	0	78			1	Ant 1		77.07	1.30	11.00	10.78	1.05	-0.04	0.203	0.28
	BT	BDR	Bottom of Laptop	0	78			2	Ant 1		77.07	1.30	11.00	10.78	1.05	0.07	0.193	0.26

## **Appendix H. Analysis of Simultaneous Transmission.**

The analysis of simultaneous transmission SAR are shown as below.



**< Possibilities of Simultaneous Transmission >**

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

Simultaneous TX Combination	Capable Transmit Configurations	Body Exposure Condition
A	WWAN + WLAN 2.4G_Ant 0 + BT_Ant 1	Yes
B	WWAN + WLAN 5G_Ant 0 + BT_Ant 1	Yes
C	WWAN + WLAN 5G_Ant 0+1 + BT_Ant 1	Yes

**Notes**

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



Simultaneous Transmission SAR Evaluation\_AX201NGW

Band	Position	1	2	3	4	5	A(1+2+5)	B(1+3+5)	C(1+4+5)
		Max WWAN	WLAN 2.4GHz Ant 0	Max WLAN 5GHz Ant 0	Max WLAN 5GHz Ant 0+1	Max BT Ant 1	Summing result 1g SAR W/kg	Summing result 1g SAR W/kg	Summing result 1g SAR W/kg
		1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg			
WCDMA II	Bottom of Laptop	0.00	0.00	0.11	1.09	0.19	0.19	0.30	1.28
	Rear Face	0.18	0.15	0.29	0.58	0.15	0.48	0.62	0.91
	Left Side	0.00	0.74	1.17	1.04	0.00	0.74	1.17	1.04
	Right Side	0.19	0.00	0.00	0.88	0.18	0.37	0.37	1.25
	Top Side	1.02	0.14	0.24	0.14	0.05	1.21	1.31	1.21
	Bottom Side	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WCDMA IV	Bottom of Laptop	0.00	0.00	0.11	1.09	0.19	0.19	0.30	1.28
	Rear Face	0.79	0.15	0.29	0.58	0.15	1.09	1.23	1.52
	Left Side	0.00	0.74	1.17	1.04	0.00	0.74	1.17	1.04
	Right Side	0.09	0.00	0.00	0.88	0.18	0.27	0.27	1.15
	Top Side	1.19	0.14	0.24	0.14	0.05	1.38	1.48	1.38
	Bottom Side	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WCDMA V	Bottom of Laptop	0.00	0.00	0.11	1.09	0.19	0.19	0.30	1.28
	Rear Face	0.40	0.15	0.29	0.58	0.15	0.70	0.84	1.13
	Left Side	0.00	0.74	1.17	1.04	0.00	0.74	1.17	1.04
	Right Side	0.05	0.00	0.00	0.88	0.18	0.23	0.23	1.11
	Top Side	0.76	0.14	0.24	0.14	0.05	0.95	1.05	0.95
	Bottom Side	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LTE 7	Bottom of Laptop	0.00	0.00	0.11	1.09	0.19	0.19	0.30	1.28
	Rear Face	0.50	0.15	0.29	0.58	0.15	0.80	0.94	1.23
	Left Side	0.00	0.74	1.17	1.04	0.00	0.74	1.17	1.04
	Right Side	0.53	0.00	0.00	0.88	0.18	0.71	0.71	1.59
	Top Side	1.03	0.14	0.24	0.14	0.05	1.22	1.32	1.22
	Bottom Side	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LTE 12	Bottom of Laptop	0.00	0.00	0.11	1.09	0.19	0.19	0.30	1.28
	Rear Face	0.19	0.15	0.29	0.58	0.15	0.49	0.63	0.92
	Left Side	0.00	0.74	1.17	1.04	0.00	0.74	1.17	1.04
	Right Side	0.00	0.00	0.00	0.88	0.18	0.18	0.18	1.06
	Top Side	0.60	0.14	0.24	0.14	0.05	0.79	0.89	0.79
	Bottom Side	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LTE 13	Bottom of Laptop	0.00	0.00	0.11	1.09	0.19	0.19	0.30	1.28
	Rear Face	0.28	0.15	0.29	0.58	0.15	0.58	0.72	1.01
	Left Side	0.00	0.74	1.17	1.04	0.00	0.74	1.17	1.04
	Right Side	0.00	0.00	0.00	0.88	0.18	0.18	0.18	1.06
	Top Side	0.76	0.14	0.24	0.14	0.05	0.95	1.05	0.95
	Bottom Side	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LTE 14	Bottom of Laptop	0.00	0.00	0.11	1.09	0.19	0.19	0.30	1.28
	Rear Face	0.24	0.15	0.29	0.58	0.15	0.54	0.68	0.97
	Left Side	0.00	0.74	1.17	1.04	0.00	0.74	1.17	1.04
	Right Side	0.00	0.00	0.00	0.88	0.18	0.18	0.18	1.06
	Top Side	0.74	0.14	0.24	0.14	0.05	0.93	1.03	0.93
	Bottom Side	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LTE 25	Bottom of Laptop	0.00	0.00	0.11	1.09	0.19	0.19	0.30	1.28
	Rear Face	0.18	0.15	0.29	0.58	0.15	0.48	0.62	0.91
	Left Side	0.00	0.74	1.17	1.04	0.00	0.74	1.17	1.04
	Right Side	0.10	0.00	0.00	0.88	0.18	0.28	0.28	1.16
	Top Side	1.01	0.14	0.24	0.14	0.05	1.20	1.30	1.20
	Bottom Side	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LTE 26	Bottom of Laptop	0.00	0.00	0.11	1.09	0.19	0.19	0.30	1.28
	Rear Face	0.58	0.15	0.29	0.58	0.15	0.88	1.02	1.31
	Left Side	0.00	0.74	1.17	1.04	0.00	0.74	1.17	1.04
	Right Side	0.09	0.00	0.00	0.88	0.18	0.27	0.27	1.15
	Top Side	1.07	0.14	0.24	0.14	0.05	1.26	1.36	1.26
	Bottom Side	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00



Simultaneous Transmission SAR Evaluation\_AX201NGW

Band	Position	1	2	3	4	5	A(1+2+5)	B(1+3+5)	C(1+4+5)
		Max WWAN	WLAN 2.4GHz Ant 0	Max WLAN 5GHz Ant 0	Max WLAN 5GHz Ant 0+1	Max BT Ant 1	Summing result 1g SAR W/kg	Summing result 1g SAR W/kg	Summing result 1g SAR W/kg
		1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg			
LTE 30	Bottom of Laptop	0.00	0.00	0.11	1.09	0.19	0.19	0.30	1.28
	Rear Face	0.13	0.15	0.29	0.58	0.15	0.43	0.57	0.86
	Left Side	0.00	0.74	1.17	1.04	0.00	0.74	1.17	1.04
	Right Side	0.16	0.00	0.00	0.88	0.18	0.34	0.34	1.22
	Top Side	0.97	0.14	0.24	0.14	0.05	1.16	1.26	1.16
	Bottom Side	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LTE 38	Bottom of Laptop	0.00	0.00	0.11	1.09	0.19	0.19	0.30	1.28
	Rear Face	0.20	0.15	0.29	0.58	0.15	0.50	0.64	0.93
	Left Side	0.00	0.74	1.17	1.04	0.00	0.74	1.17	1.04
	Right Side	0.14	0.00	0.00	0.88	0.18	0.32	0.32	1.20
	Top Side	1.08	0.14	0.24	0.14	0.05	1.27	1.37	1.27
	Bottom Side	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LTE 41	Bottom of Laptop	0.00	0.00	0.11	1.09	0.19	0.19	0.30	1.28
	Rear Face	0.49	0.15	0.29	0.58	0.15	0.79	0.93	1.22
	Left Side	0.00	0.74	1.17	1.04	0.00	0.74	1.17	1.04
	Right Side	0.15	0.00	0.00	0.88	0.18	0.33	0.33	1.21
	Top Side	0.98	0.14	0.24	0.14	0.05	1.17	1.27	1.17
	Bottom Side	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LTE 48	Bottom of Laptop	0.00	0.00	0.11	1.09	0.19	0.19	0.30	1.28
	Rear Face	0.19	0.15	0.29	0.58	0.15	0.49	0.63	0.92
	Left Side	0.00	0.74	1.17	1.04	0.00	0.74	1.17	1.04
	Right Side	0.11	0.00	0.00	0.88	0.18	0.29	0.29	1.17
	Top Side	0.35	0.14	0.24	0.14	0.05	0.54	0.64	0.54
	Bottom Side	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LTE 66	Bottom of Laptop	0.00	0.00	0.11	1.09	0.19	0.19	0.30	1.28
	Rear Face	0.62	0.15	0.29	0.58	0.15	0.92	1.06	1.35
	Left Side	0.00	0.74	1.17	1.04	0.00	0.74	1.17	1.04
	Right Side	0.07	0.00	0.00	0.88	0.18	0.25	0.25	1.13
	Top Side	1.07	0.14	0.24	0.14	0.05	1.26	1.36	1.26
	Bottom Side	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LTE 71	Bottom of Laptop	0.00	0.00	0.11	1.09	0.19	0.19	0.30	1.28
	Rear Face	0.23	0.15	0.29	0.58	0.15	0.53	0.67	0.96
	Left Side	0.00	0.74	1.17	1.04	0.00	0.74	1.17	1.04
	Right Side	0.07	0.00	0.00	0.88	0.18	0.25	0.25	1.13
	Top Side	0.59	0.14	0.24	0.14	0.05	0.78	0.88	0.78
	Bottom Side	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

### < Possibilities of Simultaneous Transmission >

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

Simultaneous TX Combination	Capable Transmit Configurations	Body Exposure Condition
A	WWAN + WLAN 5G+ BT_Ant 1	Yes

#### Notes

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

Simultaneous Transmission SAR Evaluation_9462NGW					
Band	Position	1	2	3	A(1+2+3)
		Max WWAN	Max WLAN 5GHz	Max BT Ant 1	Summimg result 1g SAR W/kg
		1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	
WCDMA II	Bottom of Laptop	0.00	1.12	0.28	1.40
	Rear Face	0.18	0.41	0.18	0.94
	Left Side	0.00	1.18	0.00	1.18
	Right Side	0.19	0.61	0.09	1.18
	Top Side	1.02	0.18	0.08	1.28
	Bottom Side	0.00	0.00	0.00	0.00
WCDMA IV	Bottom of Laptop	0.00	1.12	0.28	1.40
	Rear Face	0.79	0.41	0.18	1.55
	Left Side	0.00	1.18	0.00	1.18
	Right Side	0.09	0.61	0.09	1.08
	Top Side	1.19	0.18	0.08	1.45
	Bottom Side	0.00	0.00	0.00	0.00
WCDMA V	Bottom of Laptop	0.00	1.12	0.28	1.40
	Rear Face	0.40	0.41	0.18	1.16
	Left Side	0.00	1.18	0.00	1.18
	Right Side	0.05	0.61	0.09	1.04
	Top Side	0.76	0.18	0.08	1.02
	Bottom Side	0.00	0.00	0.00	0.00
LTE 7	Bottom of Laptop	0.00	1.12	0.28	1.40
	Rear Face	0.50	0.41	0.18	1.26
	Left Side	0.00	1.18	0.00	1.18
	Right Side	0.53	0.61	0.09	1.52
	Top Side	1.03	0.18	0.08	1.29
	Bottom Side	0.00	0.00	0.00	0.00
LTE 12	Bottom of Laptop	0.00	1.12	0.28	1.40
	Rear Face	0.19	0.41	0.18	0.95
	Left Side	0.00	1.18	0.00	1.18
	Right Side	0.00	0.61	0.09	0.99
	Top Side	0.60	0.18	0.08	0.86
	Bottom Side	0.00	0.00	0.00	0.00
LTE 13	Bottom of Laptop	0.00	1.12	0.28	1.40
	Rear Face	0.28	0.41	0.18	1.04
	Left Side	0.00	1.18	0.00	1.18
	Right Side	0.00	0.61	0.09	0.99
	Top Side	0.76	0.18	0.08	1.02
	Bottom Side	0.00	0.00	0.00	0.00

Simultaneous Transmission SAR Evaluation_9462NGW					
Band	Position	1	2	3	A(1+2+3)
		Max WWAN	Max WLAN 5GHz	Max BT Ant 1	Summing result 1g SAR W/kg
		1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	
LTE 14	Bottom of Laptop	0.00	1.12	0.28	1.40
	Rear Face	0.24	0.41	0.18	1.00
	Left Side	0.00	1.18	0.00	1.18
	Right Side	0.00	0.61	0.09	0.99
	Top Side	0.74	0.18	0.08	1.00
	Bottom Side	0.00	0.00	0.00	0.00
LTE 25	Bottom of Laptop	0.00	1.12	0.28	1.40
	Rear Face	0.18	0.41	0.18	0.94
	Left Side	0.00	1.18	0.00	1.18
	Right Side	0.10	0.61	0.09	1.09
	Top Side	1.01	0.18	0.08	1.27
	Bottom Side	0.00	0.00	0.00	0.00
LTE 26	Bottom of Laptop	0.00	1.12	0.28	1.40
	Rear Face	0.58	0.41	0.18	1.34
	Left Side	0.00	1.18	0.00	1.18
	Right Side	0.09	0.61	0.09	1.08
	Top Side	1.07	0.18	0.08	1.33
	Bottom Side	0.00	0.00	0.00	0.00
LTE 30	Bottom of Laptop	0.00	1.12	0.28	1.40
	Rear Face	0.13	0.41	0.18	0.89
	Left Side	0.00	1.18	0.00	1.18
	Right Side	0.16	0.61	0.09	1.15
	Top Side	0.97	0.18	0.08	1.23
	Bottom Side	0.00	0.00	0.00	0.00
LTE 38	Bottom of Laptop	0.00	1.12	0.28	1.40
	Rear Face	0.20	0.41	0.18	0.96
	Left Side	0.00	1.18	0.00	1.18
	Right Side	0.14	0.61	0.09	1.13
	Top Side	1.08	0.18	0.08	1.34
	Bottom Side	0.00	0.00	0.00	0.00
LTE 41	Bottom of Laptop	0.00	1.12	0.28	1.40
	Rear Face	0.49	0.41	0.18	1.25
	Left Side	0.00	1.18	0.00	1.18
	Right Side	0.15	0.61	0.09	1.14
	Top Side	0.98	0.18	0.08	1.24
	Bottom Side	0.00	0.00	0.00	0.00

Simultaneous Transmission SAR Evaluation_9462NGW					
Band	Position	1	2	3	A(1+2+3)
		Max WWAN	Max WLAN 5GHz	Max BT Ant 1	Summimg result 1g SAR W/kg
		1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	
LTE 48	Bottom of Laptop	0.00	1.12	0.28	1.40
	Rear Face	0.19	0.41	0.18	0.95
	Left Side	0.00	1.18	0.00	1.18
	Right Side	0.11	0.61	0.09	1.10
	Top Side	0.35	0.18	0.08	0.61
	Bottom Side	0.00	0.00	0.00	0.00
LTE 66	Bottom of Laptop	0.00	1.12	0.28	1.40
	Rear Face	0.62	0.41	0.18	1.38
	Left Side	0.00	1.18	0.00	1.18
	Right Side	0.07	0.61	0.09	1.06
	Top Side	1.07	0.18	0.08	1.33
	Bottom Side	0.00	0.00	0.00	0.00
LTE 71	Bottom of Laptop	0.00	1.12	0.28	1.40
	Rear Face	0.23	0.41	0.18	0.99
	Left Side	0.00	1.18	0.00	1.18
	Right Side	0.07	0.61	0.09	1.06
	Top Side	0.59	0.18	0.08	0.85
	Bottom Side	0.00	0.00	0.00	0.00

## **Appendix L. Verifying the Mechanism Operation of Gravity-sensor**

The power verified by LCD angle changed are shown as below.

**Note:**

1. Only WLAN 5G had supported G-sensor and the selection of G-Sensor experimental verification is based on the test result of worst SAR value.



1.Hall Effect and Gravity-Sensor (WLAN 5.8G\_802.11n HT40\_Ant 0\_Ch151)

Orientation 1	<A> From lid close mode 0 degrees, open the screen in 10 degree step until laptop mode is obtained.																																									
Laptop mode	Degree	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	230	240	250	260	270	280	290	300	310	320	330	340	350	360				
	Power	14.82	14.77	14.75	14.73	19.67																																				
Range of trigger angle	<B> Than continue A trigger move back by 5 degree, until lid closed mode is obtained.																																									
0~190	Degree	0	5	10	15	20	25	30	40	.....	185	190	195	200	205	210	215	220	225	230	235	240	245	250	255	260	265	270	275	280	.....	330	335	340	345	350	355	360				
	Power	14.82	14.76	14.77	14.77	14.75	14.81	14.73	19.67																																	
	<C>From B trigger open the screen in 1 degree steps until laptop mode is obtained and continue opening the screen in 1 degree steps at least 5 degrees.																																									
	Degree	0	10	20	30	31	32	33	34	35	.....	189	190	191	192	193	194	195	196	197	198	199	200	.....	354	355	356	357	358	359	360											
	Power				14.73	19.67	19.67	19.65	19.62	19.64																																
	<D> Then continue C opening the screen in 10 degree steps until tablet mode is obtained.																																									
	Degree	0	5	10	20	30	40	50	.....	230	240	250	260	270	280	290	300	310	320	330	340	350	360																			
	Power				14.73	19.67	19.65	.....	.....	19.62	19.62	14.79																														
Orientation 2	<A> From tablet mode 360 degrees, Close mode on screen in 10 degree step until laptop mode is obtained.																																									
Tablet mode	Degree	360	350	340	.....	250	240	230	220	210	200	190	180	170	160	150	140	130	120	110	100	90	80	70	60	50	40	30	20	10	0											
	Power	14.73	14.72	14.72	.....	14.65	19.62	19.62																																		
Range of trigger angle	<B> Than continue A trigger move back by 5 degree, until tablet mode is reobtained.																																									
191~360	Degree	360	355	.....	250	245	240	235	230	225	220	215	210	205	200	195	190	185	180	175	170	165	160	155	150	145	.....	30	25	20	15	10	5	0								
	Power			.....	14.65	14.64	19.62																																			
	<C>From B trigger close the screen in 1 degree steps until laptop mode is obtained and continue closing the screen in 1 degree steps at least 5 degrees.																																									
	Degree	360	359	358	357	356	355	354	353	352	351	.....	241	240	239	238	237	236	235	.....	6	5	4	3	2	1	0															
	Power											14.75	19.62	19.65	19.63	19.63	19.62	19.65	.....																							
	<D> Then continue C closing the screen in 10 degree steps until lid close mode is obtained.																																									
	Degree	360	350	340	330	320	.....	245	240	235	230	220	210	.....	50	40	30	20	10	0																						
	Power						.....	14.64	19.62	19.65	19.65	19.63	19.6	.....	19.67	19.67	14.73	14.75	14.77	14.82																						

1.Hall Effect and Gravity-Sensor (WLAN 5.6G\_802.11ac\_VHT80\_Ant 1\_Ch138)

Orientation 1		<A> From lid close mode 0 degrees, open the screen in 10 degree step until laptop mode is obtained.																																													
Laptop mode	Degree	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	230	240	250	260	270	280	290	300	310	320	330	340	350	360									
	Power	12.83	12.78	12.81	12.81	14.68																																									
Range of trigger angle		<B> Than continue A trigger move back by 5 degree, until lid closed mode is obtained.																																													
0~180	Degree	0	5	10	15	20	25	30	40	.....	185	190	195	200	205	210	215	220	225	230	235	240	245	250	255	260	265	270	275	280	.....	330	335	340	345	350	355	360									
	Power	12.83	12.77	12.78	12.78	12.81	12.81	12.81	14.68	.....																																					
		<C> From B trigger open the screen in 1 degree steps until laptop mode is obtained and continue opening the screen in 1 degree steps at least 5 degrees.																																													
	Degree	0	10	20	30	31	32	33	34	35	.....	189	190	191	192	193	194	195	196	197	198	199	200	.....	354	355	356	357	358	359	360																
	Power				12.81	14.68	14.68	14.66	14.63	14.65	.....																																				
		<D> Then continue C opening the screen in 10 degree steps until tablet mode is obtained.																																													
	Degree	0	5	10	20	30	40	50	.....																																						
	Power					12.81	14.68	14.66	.....																																						
Orientation 2		<A> From tablet mode 360 degrees, Close mode on screen in 10 degree step until laptop mode is obtained.																																													
Tablet mode	Degree	360	350	340	.....	250	240	230	220	210	200	190	180	170	160	150	140	130	120	110	100	90	80	70	60	50	40	30	20	10	0																
	Power	12.74	12.73	12.73	.....	12.66	14.63	14.63																																							
Range of trigger angle		<B> Than continue A trigger move back by 5 degree, until tablet mode is reobtained.																																													
191~360	Degree	360	355	.....	250	245	240	235	230	225	220	215	210	205	200	195	190	185	180	175	170	165	160	155	150	145	.....	30	25	20	15	10	5	0													
	Power			.....	12.66	12.65	14.63																																								
		<C> From B trigger close the screen in 1 degree steps until laptop mode is obtained and continue closing the screen in 1 degree steps at least 5 degrees.																																													
	Degree	360	359	358	357	356	355	354	353	352	351	.....	241	240	239	238	237	236	235	.....																											
	Power											.....	12.76	14.63	14.66	14.64	14.64	14.63	14.66	.....																											
		<D> Then continue C closing the screen in 10 degree steps until lid close mode is obtained.																																													
	Degree	360	350	340	330	320	.....	245	240	235	230	220	210	.....																																	
	Power						.....	12.65	14.63	14.66	14.66	14.64	14.61	.....																																	