Date: 12/16/2022

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 850 MHz Verification Input Power 250 mW 2022-12-16.da52:0

DUT: Dipole 850 MHz D850V2, Type: D850V2, Serial: D850V2 - SN:1006

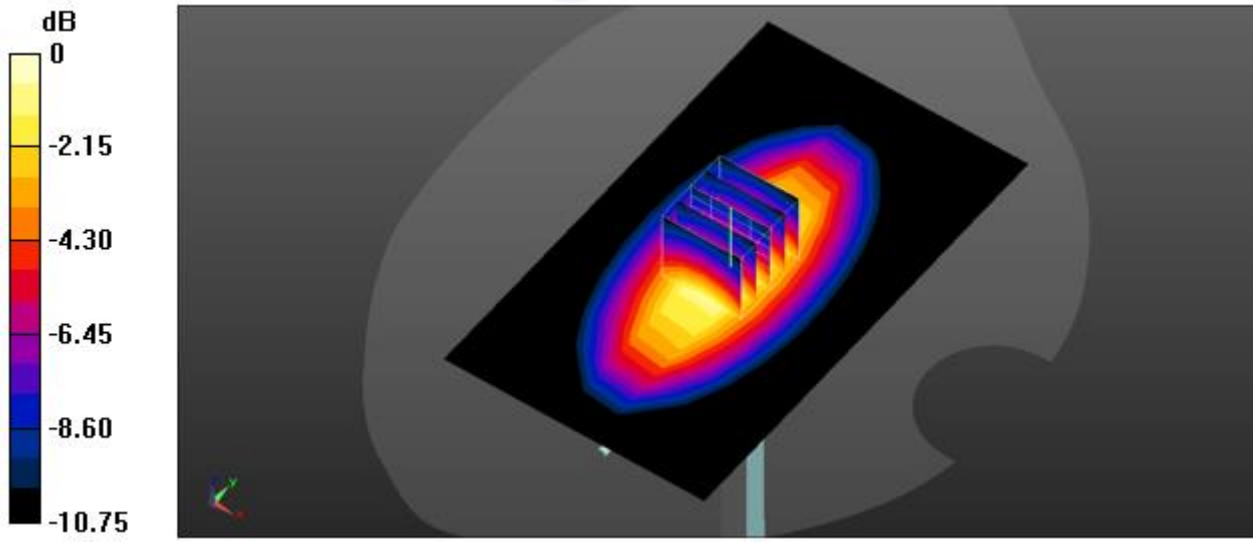
Communication System: UID 0, CW (0); Frequency: 850 MHz; Duty Cycle: 1:1
Medium parameters used: f = 850 MHz; σ = 0.893 S/m; ε_r = 41.316; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7540;ConvF(9.73, 9.73, 9.73) @ 850 MHz; Calibrated: 4/29/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn666; Calibrated: 1/26/2022
- Phantom: Twin-SAM V8.0; Type: QD 000 P41 AA; Serial: 1975
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/850 MHz Verification Input Power 250 mW 2022-12-16/Area Scan (8x13x1):
Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 3.00 W/kg

Configuration/850 MHz Verification Input Power 250 mW 2022-12-16/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 64.52 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 3.92 W/kg
SAR(1 g) = 2.59 W/kg; SAR(10 g) = 1.69 W/kg
Maximum value of SAR (measured) = 3.48 W/kg



0 dB = 3.48 W/kg = 5.42 dBW/kg

Date: 2022-12-09

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 1750 MHz Verification Input Power 250 mW 2022-12-09.da52:0

DUT: Dipole 1750 MHz D1750V2, Type: D1750V2, Serial: D1750V2 - SN:1072

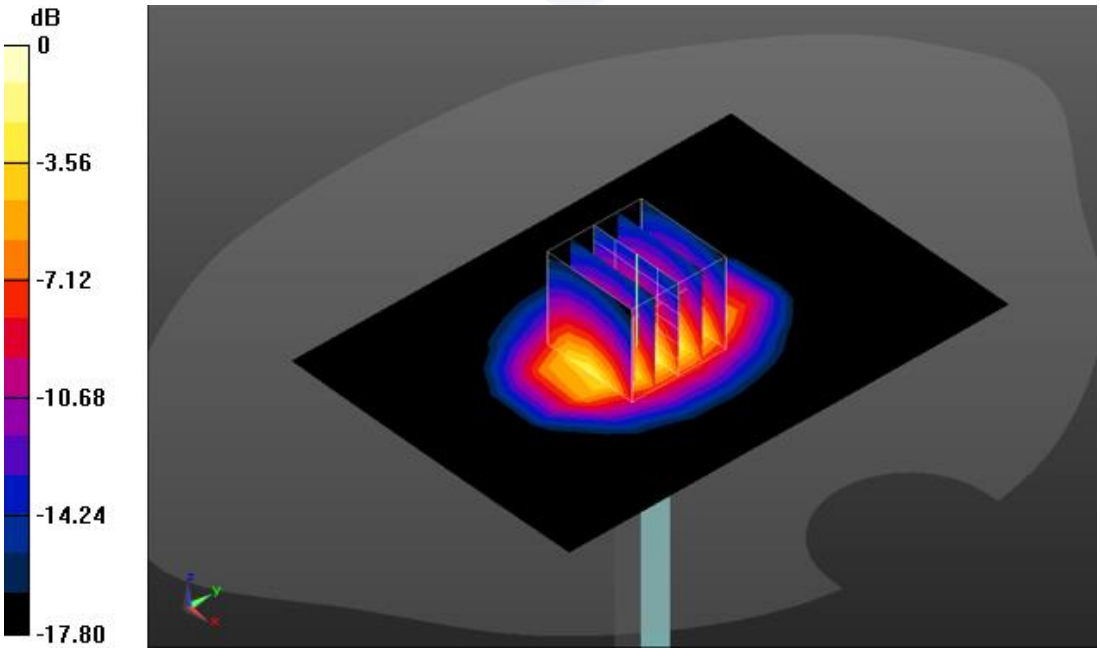
Communication System: UID 0, CW (0); Frequency: 1750 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1750 MHz; σ = 1.385 S/m; ε_r = 39.057; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3865;ConvF(8.83, 8.83, 8.83) @ 1750 MHz; Calibrated: 2022-01-27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1567; Calibrated: 2022-03-24
- Phantom: Twin-SAM V4.0; Type: QD 000 P40 CC; Serial: 1728
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/1750 MHz Verification Input Power 250 mW 2022-12-09/Area Scan (8x11x1):
Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 10.5 W/kg

Configuration/1750 MHz Verification Input Power 250 mW 2022-12-09/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 105.2 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 18.1 W/kg
SAR(1 g) = 9.65 W/kg; SAR(10 g) = 5.06 W/kg
Maximum value of SAR (measured) = 15.1 W/kg



0 dB = 15.1 W/kg = 11.79 dBW/kg

Date: 2022-12-15

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 1750 MHz Verification Input Power 250 mW 2022-12-15.da52:0

DUT: Dipole 1750 MHz D1750V2, Type: D1750V2, Serial: D1750V2 - SN:1072

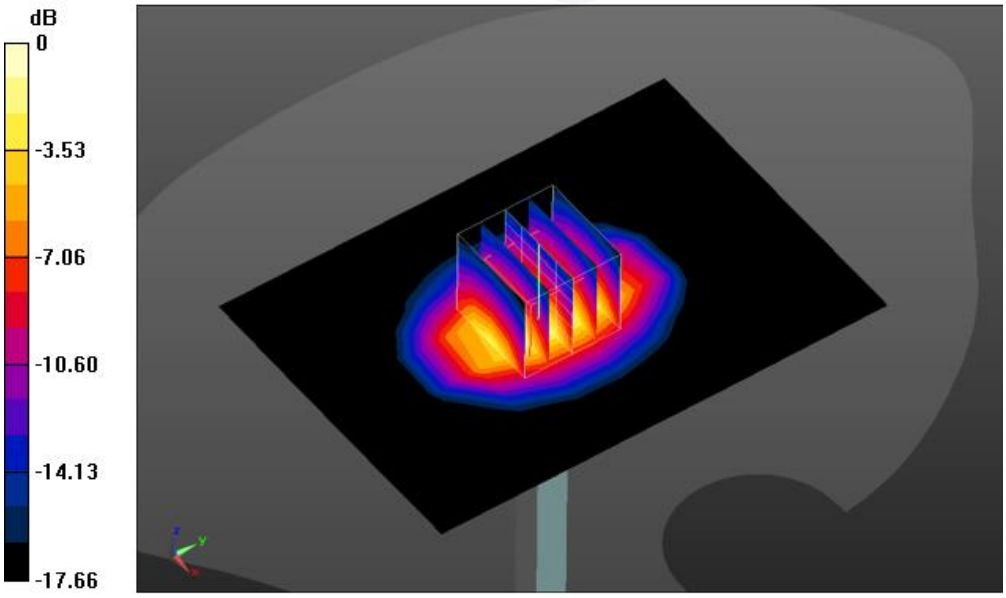
Communication System: UID 0, CW (0); Frequency: 1750 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1750 MHz; σ = 1.371 S/m; ε_r = 39.487; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3865;ConvF(8.83, 8.83, 8.83) @ 1750 MHz; Calibrated: 2022-01-27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1567; Calibrated: 2022-03-24
- Phantom: Twin-SAM V4.0; Type: QD 000 P40 CC; Serial: 1728
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/1750 MHz Verification Input Power 250 mW 2022-12-15/Area Scan (8x11x1):
Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 9.81 W/kg

Configuration/1750 MHz Verification Input Power 250 mW 2022-12-15/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 103.5 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 18.2 W/kg
SAR(1 g) = 9.66 W/kg; SAR(10 g) = 5.08 W/kg
Maximum value of SAR (measured) = 15.1 W/kg



0 dB = 15.1 W/kg = 11.79 dBW/kg

Date: 12/17/2022

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 1750 MHz Verification Input Power 250 mW 2022-12-17.da52:0

DUT: Dipole 1750 MHz D1750V2, Type: D1750V2, Serial: D1750V2 - SN:1072

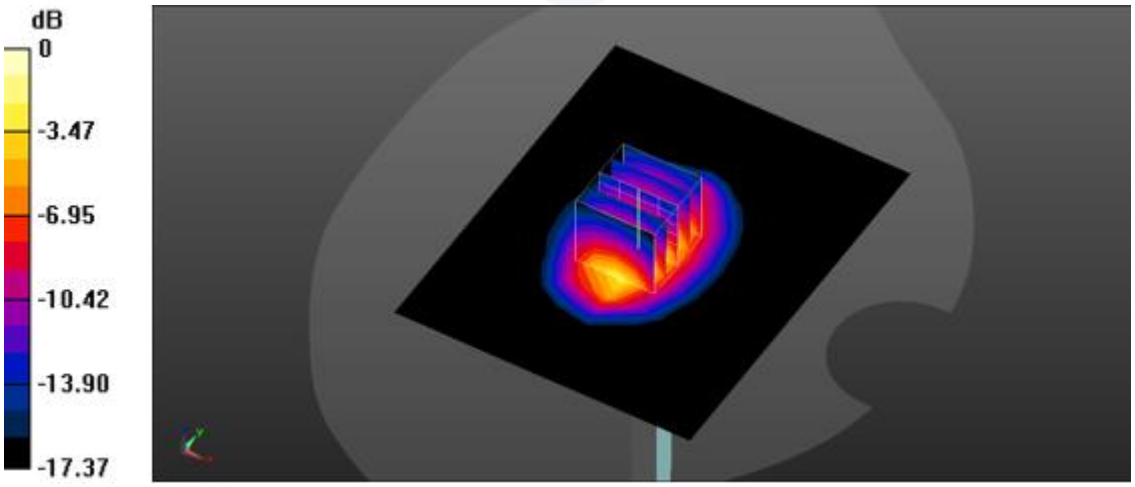
Communication System: UID 0, CW (0); Frequency: 1750 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1750 MHz; σ = 1.318 S/m; ε_r = 39.008; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7540;ConvF(8.62, 8.62, 8.62) @ 1750 MHz; Calibrated: 4/29/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn666; Calibrated: 1/26/2022
- Phantom: Twin-SAM V8.0; Type: QD 000 P41 AA; Serial: 1975
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/1750 MHz Verification Input Power 250 mW 2022-12-17/Area Scan (9x11x1):
Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 13.3 W/kg

Configuration/1750 MHz Verification Input Power 250 mW 2022-12-17/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 103.8 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 17.1 W/kg
SAR(1 g) = 9.4 W/kg; SAR(10 g) = 5.02 W/kg
Maximum value of SAR (measured) = 14.4 W/kg



0 dB = 14.4 W/kg = 11.58 dBW/kg

Date: 12/21/2022

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 1750 MHz Verification Input Power 250 mW 2022-12-21.da52:0

DUT: Dipole 1750 MHz D1750V2, Type: D1750V2, Serial: D1750V2 - SN:1072

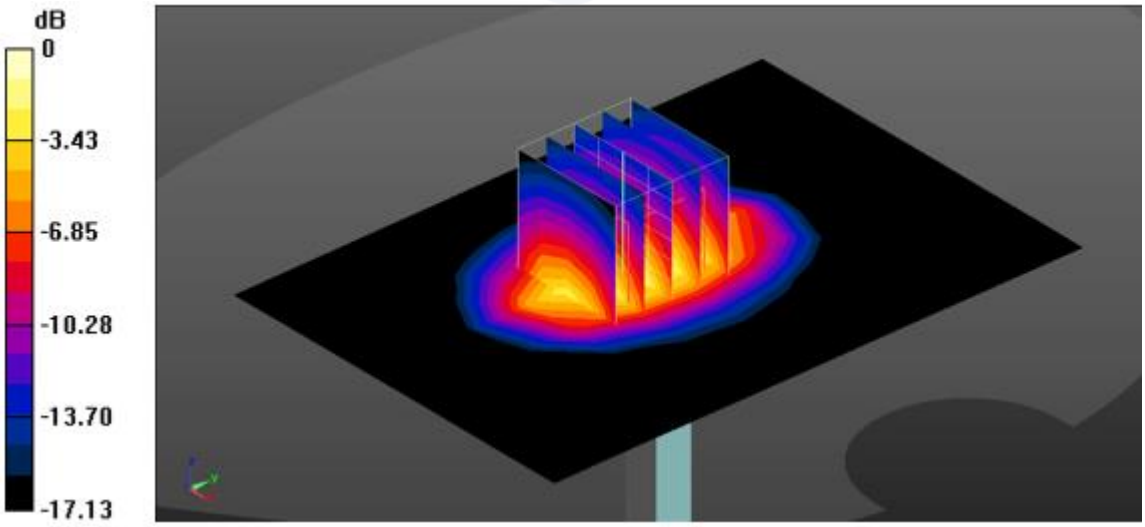
Communication System: UID 0, CW (0); Frequency: 1750 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1750 MHz; σ = 1.337 S/m; ε_r = 41.273; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3928;ConvF(8.01, 8.01, 8.01) @ 1750 MHz; Calibrated: 3/3/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1342; Calibrated: 5/31/2022
- Phantom: Twin-SAM V8.0_Right; Type: QD 000 P41 Ax; Serial: 1984
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/1750 MHz Verification Input Power 250 mW 2022-12-21/Area Scan (8x11x1):
Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 13.2 W/kg

Configuration/1750 MHz Verification Input Power 250 mW 2022-12-21/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 100.2 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 17.2 W/kg
SAR(1 g) = 9.47 W/kg; SAR(10 g) = 5.07 W/kg
Maximum value of SAR (measured) = 14.3 W/kg



0 dB = 14.3 W/kg = 11.55 dBW/kg

Date: 12/24/2022

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 1750 MHz Verification Input Power 250 mW 2022-12-24.da52:0

DUT: Dipole 1750 MHz D1750V2, Type: D1750V2, Serial: D1750V2 - SN:1072

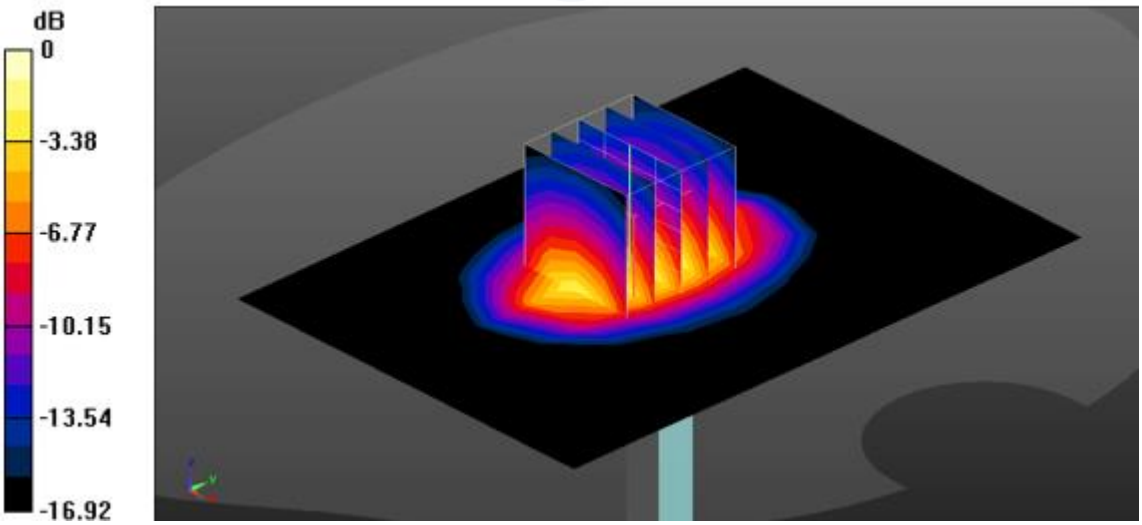
Communication System: UID 0, CW (0); Frequency: 1750 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1750 MHz; σ = 1.378 S/m; ε_r = 38.795; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3928;ConvF(8.01, 8.01, 8.01) @ 1750 MHz; Calibrated: 3/3/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1342; Calibrated: 5/31/2022
- Phantom: Twin-SAM V8.0_Right; Type: QD 000 P41 Ax; Serial: 1984
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/1750 MHz Verification Input Power 250 mW 2022-12-24/Area Scan (8x11x1):
Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 13.1 W/kg

Configuration/1750 MHz Verification Input Power 250 mW 2022-12-24/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 97.66 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 16.7 W/kg
SAR(1 g) = 9.17 W/kg; SAR(10 g) = 4.91 W/kg
Maximum value of SAR (measured) = 13.9 W/kg



0 dB = 13.9 W/kg = 11.43 dBW/kg

Date: 12/26/2022

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 1750 MHz Verification Input Power 250 mW 2022-12-26.da52:0

DUT: Dipole 1750 MHz D1750V2, Type: D1750V2, Serial: D1750V2 - SN:1072

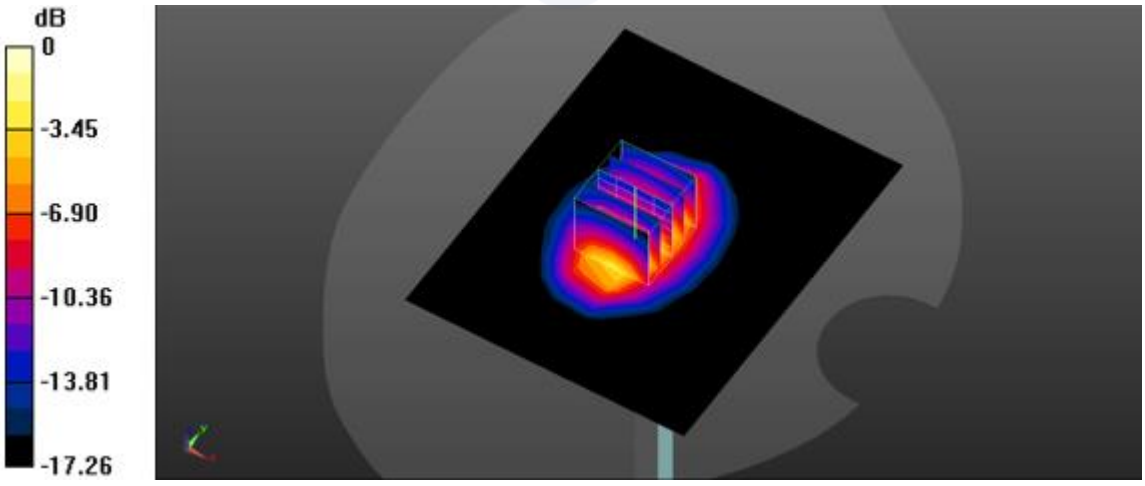
Communication System: UID 0, CW (0); Frequency: 1750 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1750 MHz; σ = 1.331 S/m; ε_r = 38.753; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7540;ConvF(8.62, 8.62, 8.62) @ 1750 MHz; Calibrated: 4/29/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn666; Calibrated: 1/26/2022
- Phantom: Twin-SAM V8.0; Type: QD 000 P41 AA; Serial: 1975
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/1750 MHz Verification Input Power 250 mW 2022-12-26/Area Scan (9x11x1):
Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 11.5 W/kg

Configuration/1750 MHz Verification Input Power 250 mW 2022-12-26/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 95.98 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 16.1 W/kg
SAR(1 g) = 8.82 W/kg; SAR(10 g) = 4.72 W/kg
Maximum value of SAR (measured) = 13.5 W/kg



0 dB = 13.5 W/kg = 11.30 dBW/kg

Date: 2022-12-28

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 1750 MHz Verification Input Power 250 mW 2022-12-28.da52:0

DUT: Dipole 1750 MHz D1750V2, Type: D1750V2, Serial: D1750V2 - SN:1072

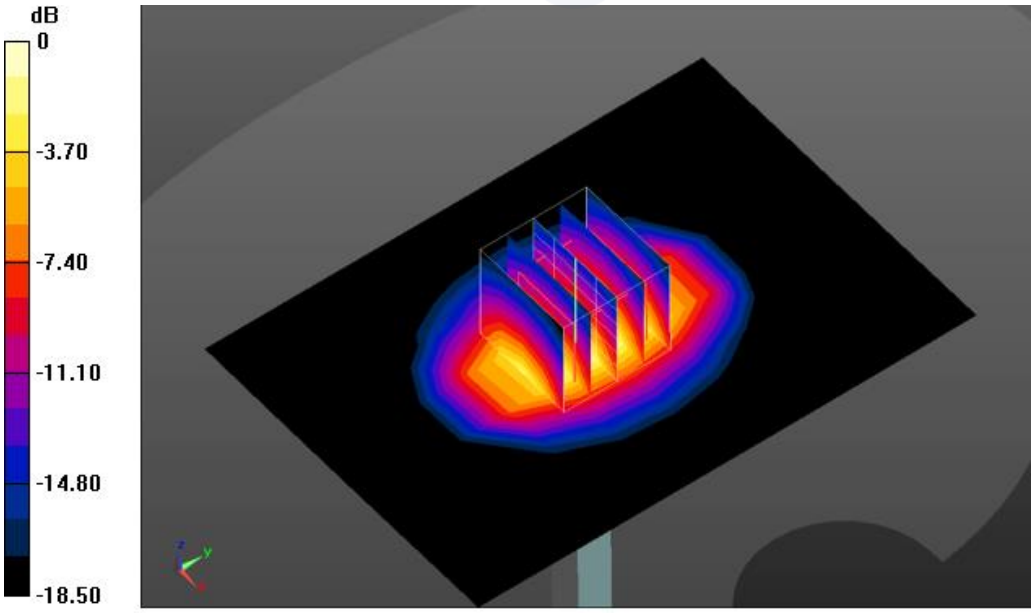
Communication System: UID 0, CW (0); Frequency: 1750 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1750 MHz; σ = 1.38 S/m; ε_r = 39.415; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3865;ConvF(8.83, 8.83, 8.83) @ 1750 MHz; Calibrated: 2022-01-27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1567; Calibrated: 2022-03-24
- Phantom: Twin-SAM V4.0; Type: QD 000 P40 CC; Serial: 1728
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/1750 MHz Verification Input Power 250 mW 2022-12-28/Area Scan (8x11x1):
Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 9.76 W/kg

Configuration/1750 MHz Verification Input Power 250 mW 2022-12-28/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 100.9 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 18.0 W/kg
SAR(1 g) = 9.2 W/kg; SAR(10 g) = 4.77 W/kg
Maximum value of SAR (measured) = 14.6 W/kg



0 dB = 14.6 W/kg = 11.64 dBW/kg

Date: 2023-01-03

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 1750 MHz Verification Input Power 250 mW 2023-01-03.da52:0

DUT: Dipole 1750 MHz D1750V2, Type: D1750V2, Serial: D1750V2 - SN:1072

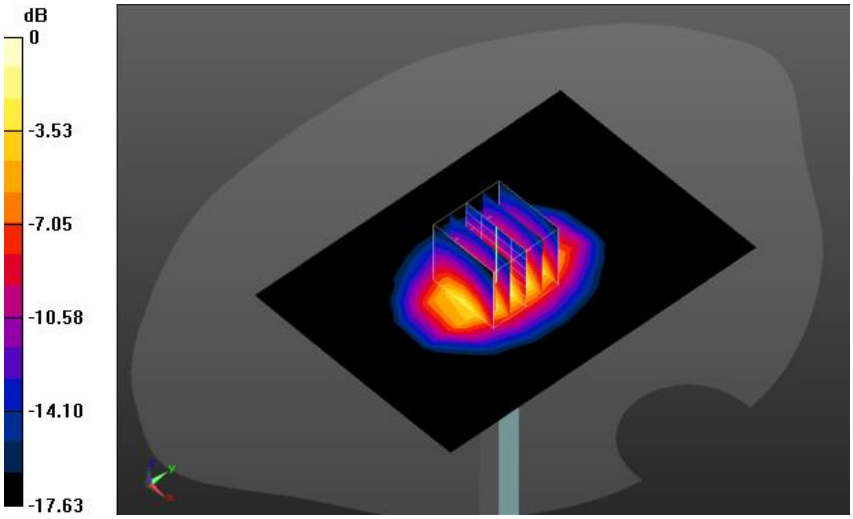
Communication System: UID 0, CW (0); Frequency: 1750 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1750 MHz; σ = 1.357 S/m; ε_r = 38.613; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3865;ConvF(8.83, 8.83, 8.83) @ 1750 MHz; Calibrated: 2022-01-27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1567; Calibrated: 2022-03-24
- Phantom: Twin-SAM V4.0; Type: QD 000 P40 CC; Serial: 1728
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/1750 MHz Verification Input Power 250 mW 2023-01-03/Area Scan (8x11x1):
Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 10.6 W/kg

Configuration/1750 MHz Verification Input Power 250 mW 2023-01-03/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 106.9 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 18.0 W/kg
SAR(1 g) = 9.48 W/kg; SAR(10 g) = 4.99 W/kg
Maximum value of SAR (measured) = 14.9 W/kg



0 dB = 14.9 W/kg = 11.73 dBW/kg

Date: 2022-12-08

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 1900 MHz Verification Input Power 250 mW 2022-12-08.da52:0

DUT: Dipole 1900 MHz D1900V2, Type: D1900V2, Serial: D1900V2 - SN:5d160

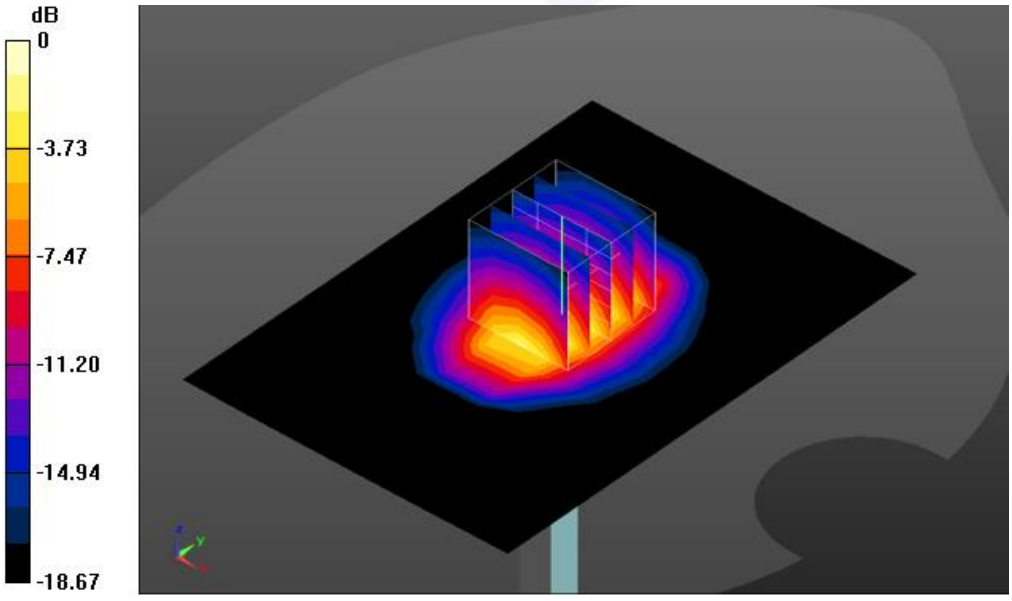
Communication System: UID 0, CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1900 MHz; σ = 1.436 S/m; ε_r = 38.521; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3865;ConvF(8.43, 8.43, 8.43) @ 1900 MHz; Calibrated: 2022-01-27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1567; Calibrated: 2022-03-24
- Phantom: Twin-SAM V4.0; Type: QD 000 P40 CC; Serial: 1728
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/1900 MHz Verification Input Power 250 mW 2022-12-08/Area Scan (8x11x1):
Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 9.72 W/kg

Configuration/1900 MHz Verification Input Power 250 mW 2022-12-08/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 101.2 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 19.4 W/kg
SAR(1 g) = 9.76 W/kg; SAR(10 g) = 4.97 W/kg
Maximum value of SAR (measured) = 15.8 W/kg



0 dB = 15.8 W/kg = 11.99 dBW/kg

Date: 12/19/2022

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 1900 MHz Verification Input Power 250 mW 2022-12-19.da52:0

DUT: Dipole 1900 MHz D1900V2, Type: D1900V2, Serial: D1900V2 - SN:5d160

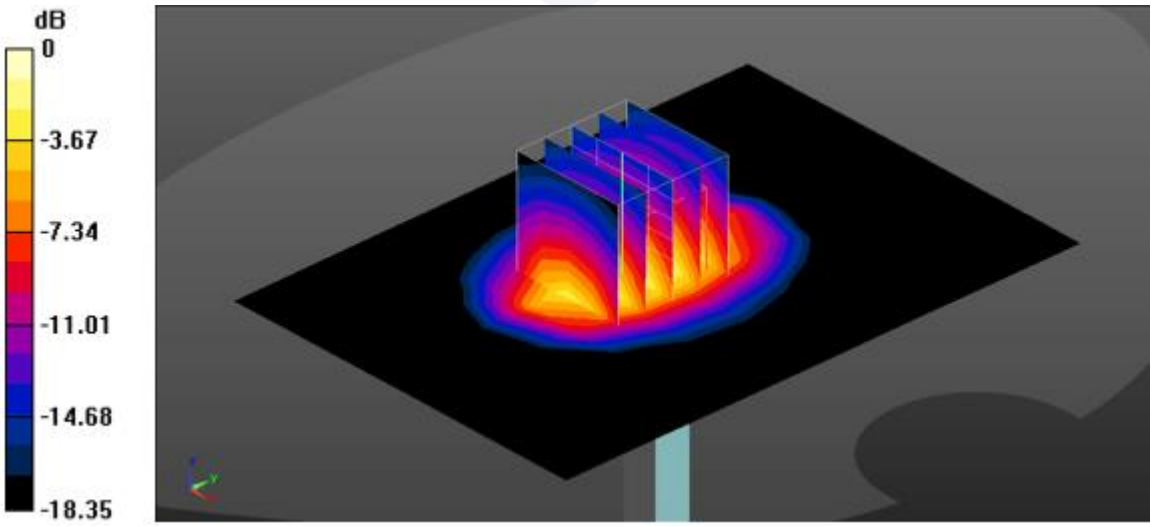
Communication System: UID 0, CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1900 MHz; σ = 1.412 S/m; ε_r = 39.906; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3928;ConvF(7.72, 7.72, 7.72) @ 1900 MHz; Calibrated: 3/3/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1342; Calibrated: 5/31/2022
- Phantom: Twin-SAM V8.0_Right; Type: QD 000 P41 Ax; Serial: 1984
- Measurement SW: DASY52, Version 52.10 (4);

System Performance Check/1900 MHz Verification Input Power 250 mW 2022-12-19/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 14.7 W/kg

System Performance Check/1900 MHz Verification Input Power 250 mW 2022-12-19/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 102.6 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 19.4 W/kg
SAR(1 g) = 10.3 W/kg; SAR(10 g) = 5.37 W/kg
Maximum value of SAR (measured) = 15.9 W/kg



0 dB = 15.9 W/kg = 12.01 dBW/kg

Date: 12/20/2022

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 1900 MHz Verification Input Power 250 mW 2022-12-20.da52:0

DUT: Dipole 1900 MHz D1900V2, Type: D1900V2, Serial: D1900V2 - SN:5d160

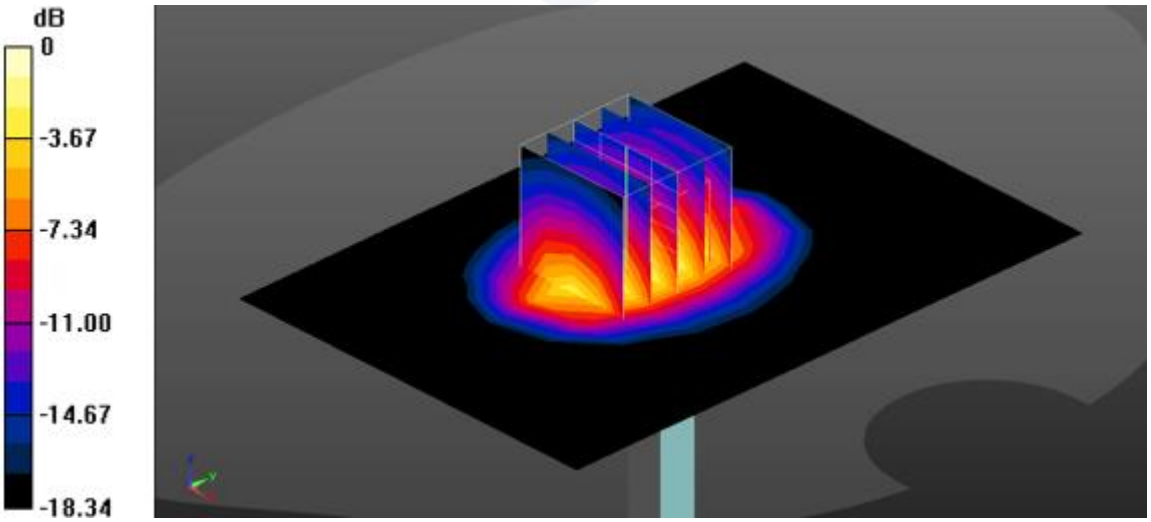
Communication System: UID 0, CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1900 MHz; σ = 1.414 S/m; ε_r = 40.157; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3928;ConvF(7.72, 7.72, 7.72) @ 1900 MHz; Calibrated: 3/3/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1342; Calibrated: 5/31/2022
- Phantom: Twin-SAM V8.0_Right; Type: QD 000 P41 Ax; Serial: 1984
- Measurement SW: DASY52, Version 52.10 (4);

System Performance Check/1900 MHz Verification Input Power 250 mW 2022-12-20/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 14.3 W/kg

System Performance Check/1900 MHz Verification Input Power 250 mW 2022-12-20/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 100.5 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 18.9 W/kg
SAR(1 g) = 10 W/kg; SAR(10 g) = 5.23 W/kg
Maximum value of SAR (measured) = 15.4 W/kg



0 dB = 15.4 W/kg = 11.88 dBW/kg

Date: 12/22/2022

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 1900 MHz Verification Input Power 250 mW 2022-12-22.da52:0

DUT: Dipole 1900 MHz D1900V2, Type: D1900V2, Serial: D1900V2 - SN:5d160

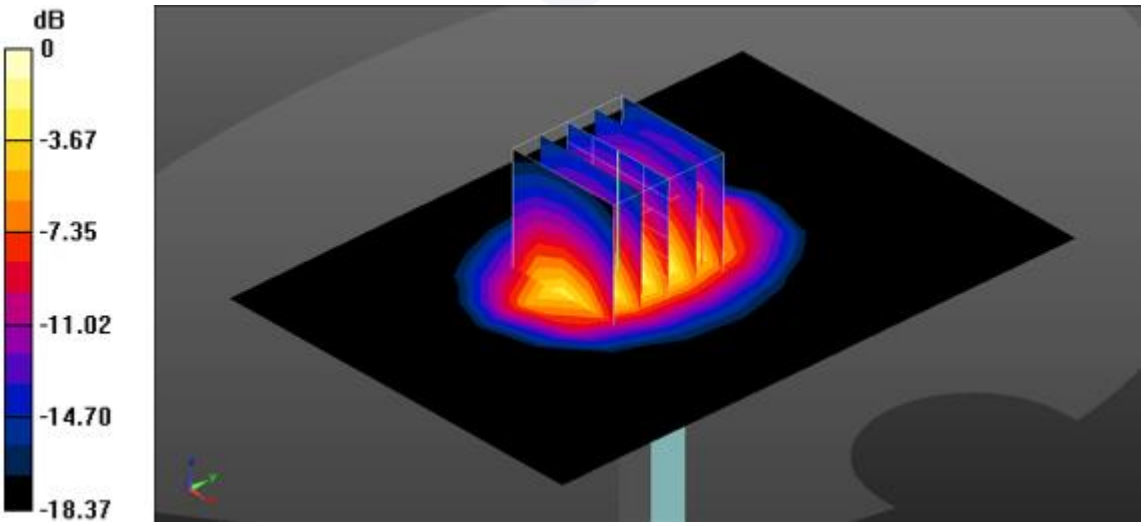
Communication System: UID 0, CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1900 MHz; σ = 1.4 S/m; ε_r = 38.76; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3928;ConvF(7.72, 7.72, 7.72) @ 1900 MHz; Calibrated: 3/3/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1342; Calibrated: 5/31/2022
- Phantom: Twin-SAM V8.0_Right; Type: QD 000 P41 Ax; Serial: 1984
- Measurement SW: DASY52, Version 52.10 (4);

System Performance Check/1900 MHz Verification Input Power 250 mW 2022-12-22/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 14.1 W/kg

System Performance Check/1900 MHz Verification Input Power 250 mW 2022-12-22/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 100.7 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 18.6 W/kg
SAR(1 g) = 9.92 W/kg; SAR(10 g) = 5.17 W/kg
Maximum value of SAR (measured) = 15.3 W/kg



0 dB = 15.3 W/kg = 11.85 dBW/kg

Date: 2022-12-28

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 1900 MHz Verification Input Power 250 mW 2022-12-28.da52:0

DUT: Dipole 1900 MHz D1900V2, Type: D1900V2, Serial: D1900V2 - SN:5d160

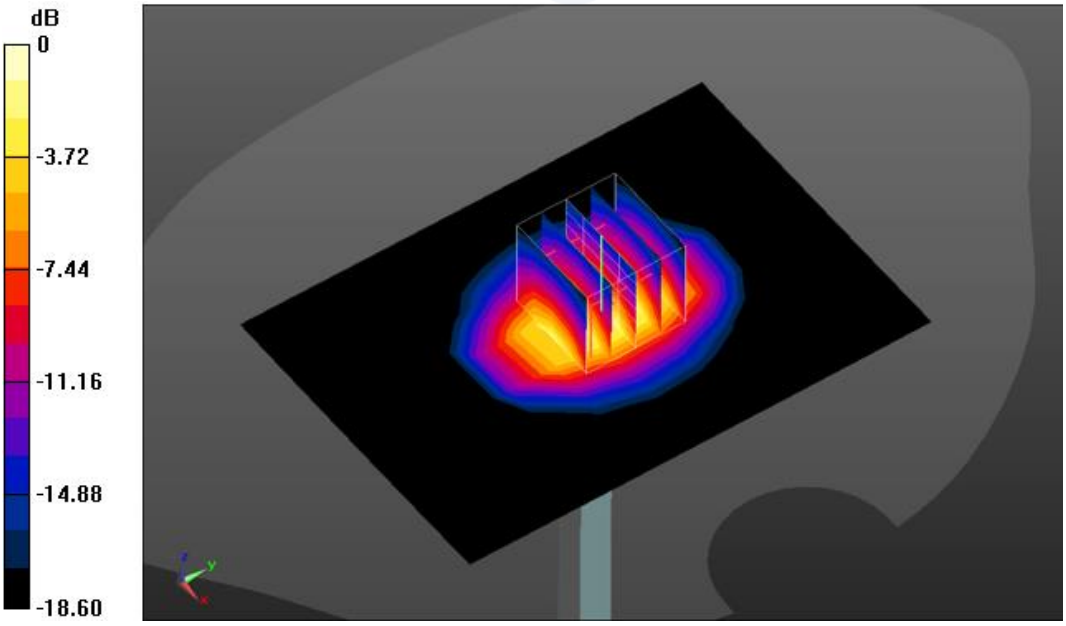
Communication System: UID 0, CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1900 MHz; σ = 1.451 S/m; ε_r = 38.489; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3865;ConvF(8.43, 8.43, 8.43) @ 1900 MHz; Calibrated: 2022-01-27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1567; Calibrated: 2022-03-24
- Phantom: Twin-SAM V4.0; Type: QD 000 P40 CC; Serial: 1728
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/1900 MHz Verification Input Power 250 mW 2022-12-28/Area Scan (8x11x1):
Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 10.6 W/kg

Configuration/1900 MHz Verification Input Power 250 mW 2022-12-28/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 105.4 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 19.3 W/kg
SAR(1 g) = 9.78 W/kg; SAR(10 g) = 5 W/kg
Maximum value of SAR (measured) = 15.8 W/kg



0 dB = 15.8 W/kg = 11.99 dBW/kg

Date: 2023-01-02

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 1900 MHz Verification Input Power 250 mW 2023-01-02.da52:0

DUT: Dipole 1900 MHz D1900V2, Type: D1900V2, Serial: D1900V2 - SN:5d160

Communication System: UID 0, CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1
Medium parameters used (extrapolated): f = 1900 MHz; σ = 1.463 S/m; ε_r = 38.486; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

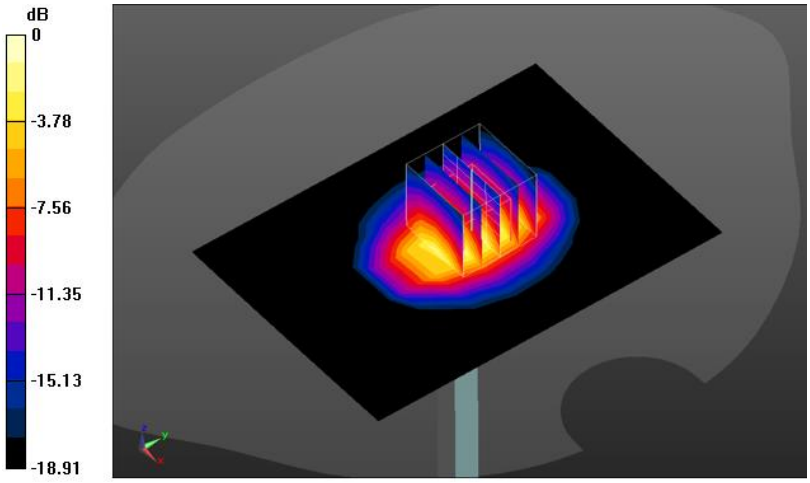
- Probe: EX3DV4 - SN3865;ConvF(8.43, 8.43, 8.43) @ 1900 MHz; Calibrated: 2022-01-27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1567; Calibrated: 2022-03-24
- Phantom: Twin-SAM V4.0; Type: QD 000 P40 CC; Serial: 1728
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/1900 MHz Verification Input Power 250 mW 2022-01-02/Area Scan (8x11x1):
Measurement grid: dx=15mm, dy=15mm

Info: Extrapolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 10.4 W/kg

Configuration/1900 MHz Verification Input Power 250 mW 2022-01-02/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 103.8 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 19.0 W/kg
SAR(1 g) = 9.61 W/kg; SAR(10 g) = 4.92 W/kg

Info: Extrapolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 15.4 W/kg



0 dB = 15.4 W/kg = 11.88 dBW/kg

Date: 2022-12-13

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 2450 MHz Verification Input Power 100 mW 2022-12-13.da5.da53:0

DUT: Dipole 2450 MHz D2450V2, Type: D2450V2, Serial: D2450V2 - SN:895

Communication System: UID 0, CW (0); Frequency: 2450 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2450 MHz; σ = 1.854 S/m; ε_r = 37.695; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

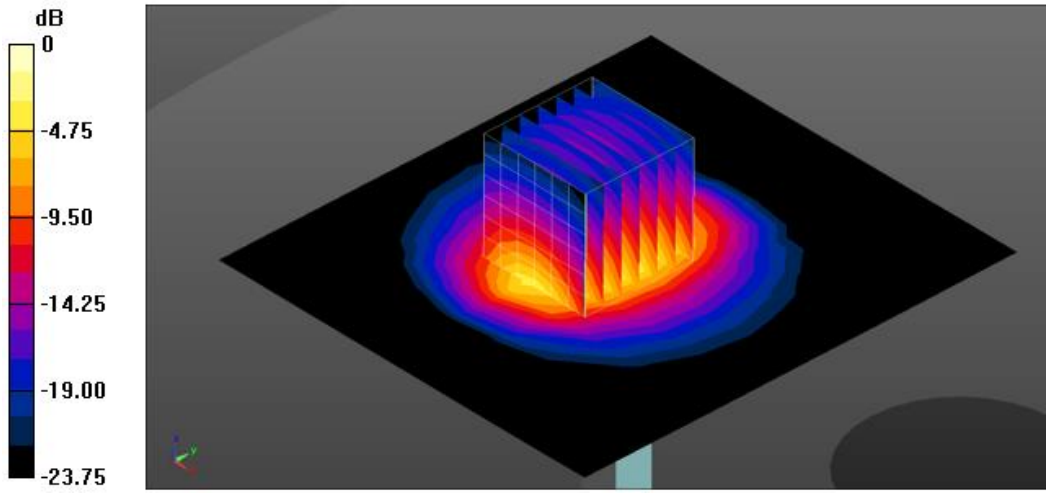
- Probe: EX3DV4 - SN3697;ConvF(7.14, 7.14, 7.14) @ 2450 MHz; Calibrated: 2022-03-28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1587; Calibrated: 2022-07-20
- Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1724
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/2450 MHz Verification Input Power 100 mW 2022-12-13/Area Scan (10x11x1):
Measurement grid: dx=12mm, dy=12mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 8.05 W/kg

Configuration/2450 MHz Verification Input Power 100 mW 2022-12-13/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 66.72 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 11.1 W/kg
SAR(1 g) = 5.09 W/kg; SAR(10 g) = 2.35 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 8.63 W/kg



0 dB = 8.63 W/kg = 9.36 dBW/kg

Date: 2023-01-03

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 2450 MHz Verification Input Power 100 mW 20223-01-03.da5.da53:0

DUT: Dipole 2450 MHz D2450V2, Type: D2450V2, Serial: D2450V2 - SN:895

Communication System: UID 0, CW (0); Frequency: 2450 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2450 MHz; σ = 1.856 S/m; ε_r = 39.383; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

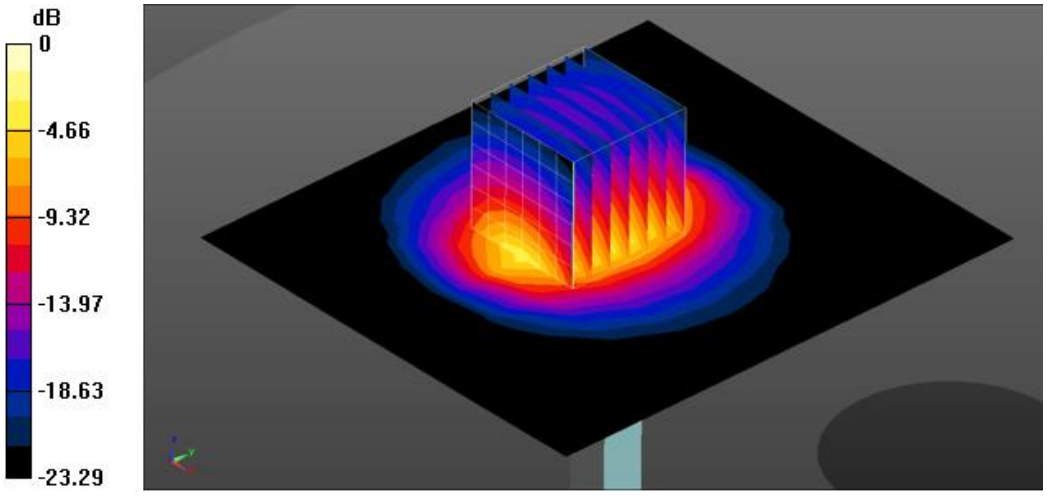
- Probe: EX3DV4 - SN3697;ConvF(7.14, 7.14, 7.14) @ 2450 MHz; Calibrated: 2022-03-28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1587; Calibrated: 2022-07-20
- Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1724
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/2450 MHz Verification Input Power 100 mW 2023-01-03/Area Scan (10x11x1):
Measurement grid: dx=12mm, dy=12mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 8.55 W/kg

Configuration/2450 MHz Verification Input Power 100 mW 2023-01-03/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 58.44 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 11.4 W/kg
SAR(1 g) = 5.2 W/kg; SAR(10 g) = 2.39 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 8.85 W/kg



0 dB = 8.85 W/kg = 9.47 dBW/kg

Date: 12/17/2022

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 2600 MHz Verification Input Power 100 mW 2022-12-17.da5:0

DUT: Dipole 2600 MHz D2600V2, Type: D2600V2, Serial: D2600V2 - SN:1050

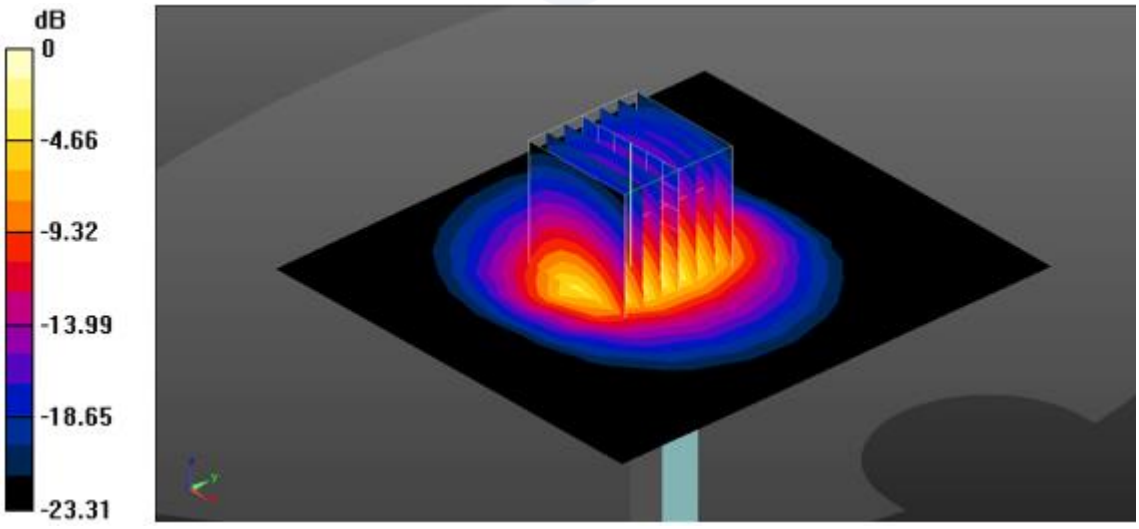
Communication System: UID 0, CW (0); Frequency: 2600 MHz; Duty Cycle: 1:1
Medium parameters used: f = 2600 MHz; σ = 1.944 S/m; ε_r = 37.759; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3928;ConvF(7.17, 7.17, 7.17) @ 2600 MHz; Calibrated: 3/3/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1342; Calibrated: 5/31/2022
- Phantom: Twin-SAM V8.0_Right; Type: QD 000 P41 Ax; Serial: 1984
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/2600 MHz Verification Input Power 100 mW 2022-12-17/Area Scan (10x11x1):
Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 8.98 W/kg

Configuration/2600 MHz Verification Input Power 100 mW 2022-12-17/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 64.98 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 11.8 W/kg
SAR(1 g) = 5.47 W/kg; SAR(10 g) = 2.47 W/kg
Maximum value of SAR (measured) = 9.26 W/kg



0 dB = 9.26 W/kg = 9.67 dBW/kg

Date: 2022-12-15

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 5250 MHz Verification Input Power 100 mW 2022-12-15.da5:0

DUT: Dipole D5GHzV2, Type: D5GHzV2, Serial: D5GHzV2 - SN:1134

Communication System: UID 0, CW (0); Frequency: 5250 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 5250 MHz; σ = 4.757 S/m; ε_r = 35.106; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

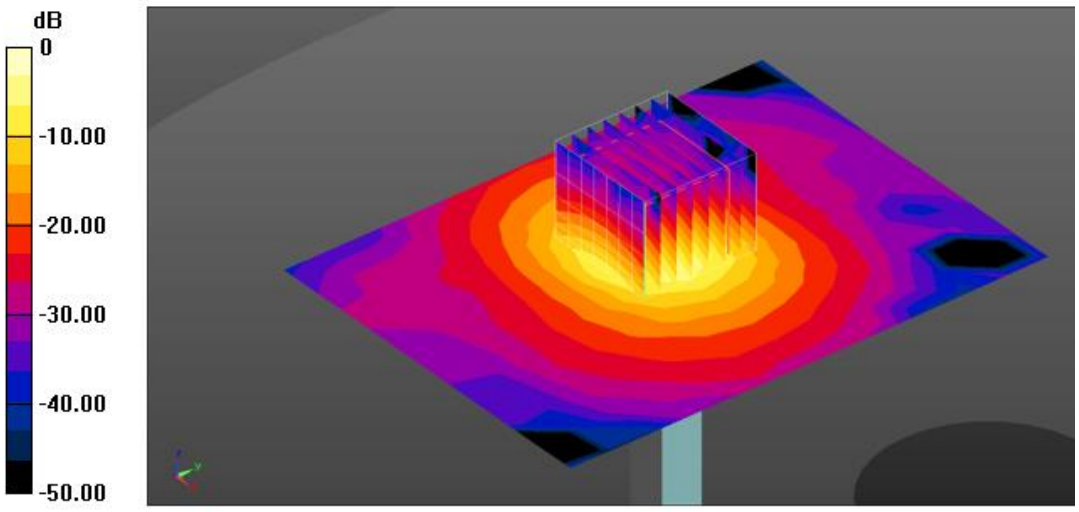
- Probe: EX3DV4 - SN3697;ConvF(4.7, 4.7, 4.7) @ 5250 MHz; Calibrated: 2022-03-28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1587; Calibrated: 2022-07-20
- Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1724
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/5250 MHz Verification Input Power 100 mW 2022-12-15/Area Scan (10x13x1):
Measurement grid: dx=10mm, dy=10mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 21.5 W/kg

Configuration/5250 MHz Verification Input Power 100 mW 2022-12-15/Zoom Scan (8x8x7)/Cube 0:
Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 61.54 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 35.1 W/kg
SAR(1 g) = 8.27 W/kg; SAR(10 g) = 2.37 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 21.1 W/kg



0 dB = 21.1 W/kg = 13.24 dBW/kg

Date: 2022-12-21

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 5600 MHz Verification Input Power 100 mW 2022-12-21.da5:0

DUT: Dipole D5GHzV2, Type: D5GHzV2, Serial: D5GHzV2 - SN:1134

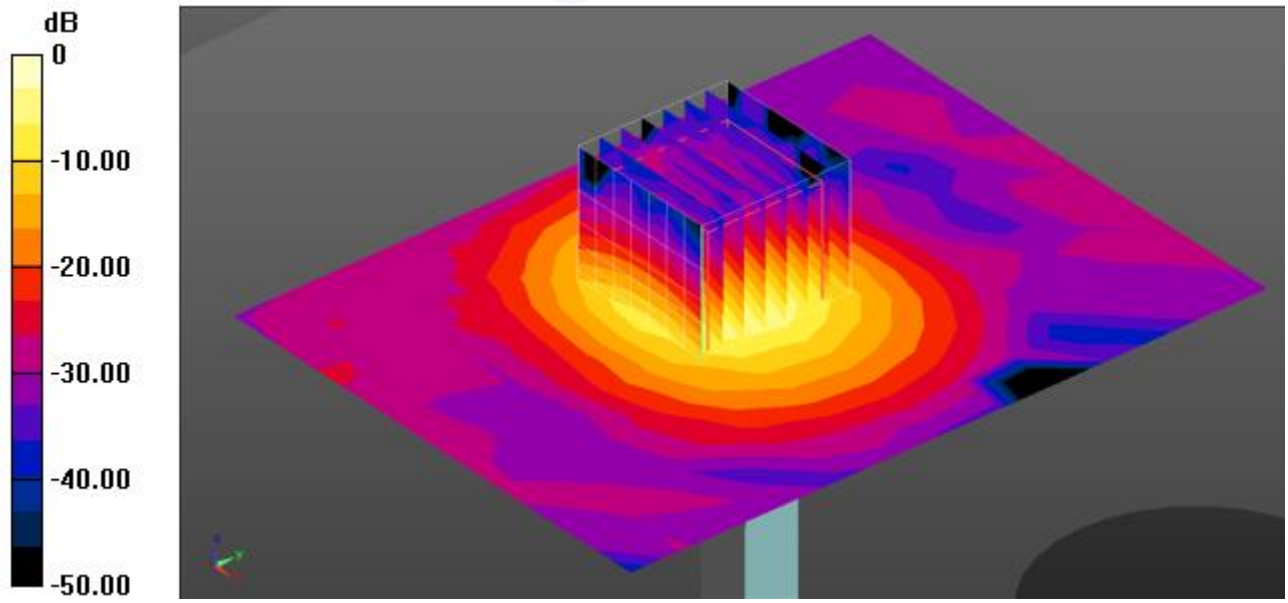
Communication System: UID 0, CW (0); Frequency: 5600 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5600 MHz; σ = 5.157 S/m; ε_r = 34.807; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3697;ConvF(4.39, 4.39, 4.39) @ 5600 MHz; Calibrated: 2022-03-28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1587; Calibrated: 2022-07-20
- Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1724
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/5600 MHz Verification Input Power 100 mW 2022-12-21/Area Scan (10x13x1):
Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 22.9 W/kg

Configuration/5600 MHz Verification Input Power 100 mW 2022-12-21/Zoom Scan (8x8x7)/Cube 0:
Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 63.75 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 39.8 W/kg
SAR(1 g) = 8.73 W/kg; SAR(10 g) = 2.52 W/kg
Maximum value of SAR (measured) = 22.6 W/kg



0 dB = 22.6 W/kg = 13.54 dBW/kg

Date: 2022-12-19

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 5800 MHz Verification Input Power 100 mW 2022-12-19.da5:0

DUT: Dipole D5GHzV2, Type: D5GHzV2, Serial: D5GHzV2 - SN:1134

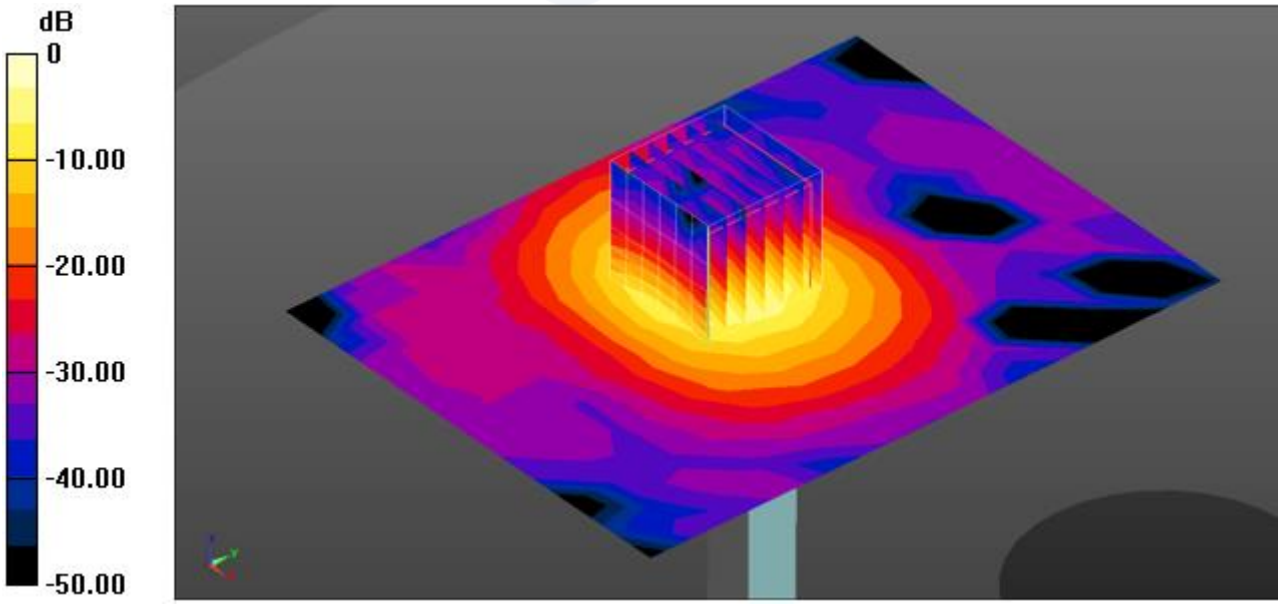
Communication System: UID 0, CW (0); Frequency: 5800 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5800 MHz; σ = 5.258 S/m; ε_r = 34.692; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3697;ConvF(4.36, 4.36, 4.36) @ 5800 MHz; Calibrated: 2022-03-28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1587; Calibrated: 2022-07-20
- Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1724
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/5800 MHz Verification Input Power 100 mW 2022-12-19/Area Scan (10x13x1):
Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 21.9 W/kg

Configuration/5800 MHz Verification Input Power 100 mW 2022-12-19/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 56.15 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 40.8 W/kg
SAR(1 g) = 8.44 W/kg; SAR(10 g) = 2.41 W/kg
Maximum value of SAR (measured) = 22.4 W/kg



0 dB = 22.4 W/kg = 13.50 dBW/kg

18. Test Results

1)

Date: 2022-12-13

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 1.GSM 850_Head.da53:0

DUT: SM-A346MDSN, Type: Mobile Phone, Serial: 68559F4CEF337ECE

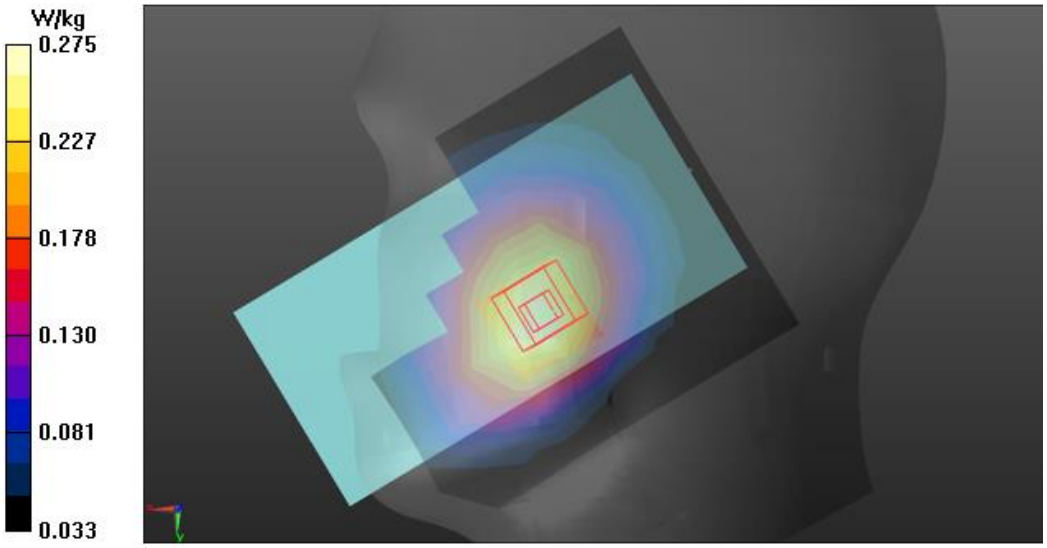
Communication System: UID 0, GSM850_2TX (0); Frequency: 836.6 MHz; Duty Cycle: 1:4.14954
Medium parameters used: f = 836.6 MHz; σ = 0.913 S/m; ε_r = 41.651; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3865;ConvF(9.88, 9.88, 9.88) @ 836.6 MHz; Calibrated: 2022-01-27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1567; Calibrated: 2022-03-24
- Phantom: Twin-SAM V4.0; Type: QD 000 P40 CC; Serial: 1728
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/GSM850_GPRS 2Tx_CH190_Right Cheek/Area Scan (9x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.280 W/kg

Configuration/GSM850_GPRS 2Tx_CH190_Right Cheek/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.64 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 0.300 W/kg
SAR(1 g) = 0.234 W/kg; SAR(10 g) = 0.180 W/kg
Maximum value of SAR (measured) = 0.275 W/kg



2)

Date: 12/19/2022

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 1. GSM 1900_Head.da53:0

DUT: SM-A346MDSN, Type: Mobile Phone, Serial: R3CTA0ARBEJ

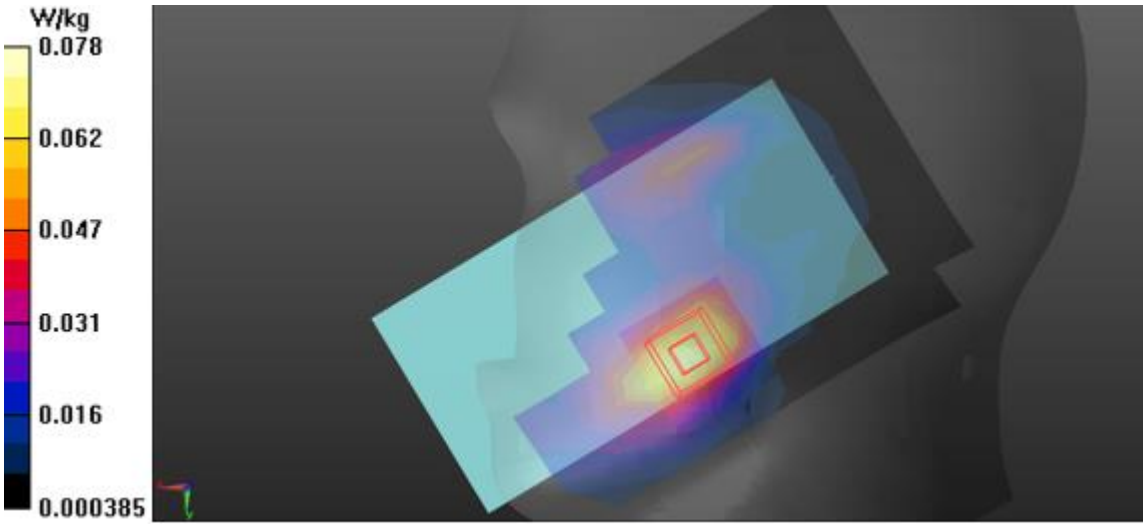
Communication System: UID 0, GSM 1900_2Tx (0); Frequency: 1880 MHz; Duty Cycle: 1:4.14954
Medium parameters used: f = 1880 MHz; σ = 1.399 S/m; ε_r = 39.926; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3928;ConvF(7.72, 7.72, 7.72) @ 1880 MHz; Calibrated: 3/3/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1342; Calibrated: 5/31/2022
- Phantom: Twin-SAM V8.0_Right; Type: QD 000 P41 Ax; Serial: 1984
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/GSM1900_GPRS 2Tx_CH661_Right Cheek/Area Scan (9x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0724 W/kg

Configuration/GSM1900_GPRS 2Tx_CH661_Right Cheek/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.349 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.0940 W/kg
SAR(1 g) = 0.058 W/kg; SAR(10 g) = 0.036 W/kg
Maximum value of SAR (measured) = 0.0779 W/kg



3)

Date: 12/19/2022

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 4. WCDMA_FDD II_Head.da53:0

DUT: SM-A346MDSN, Type: Mobile Phone, Serial: R3CTA0ARBEJ

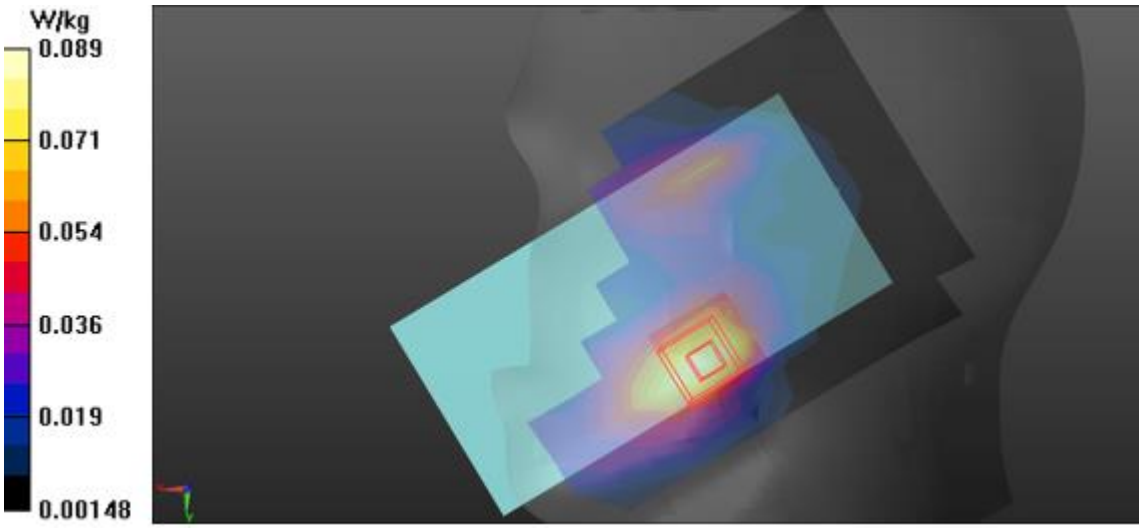
Communication System: UID 0, W-CDMA 1900 (Band 2) (0); Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.399 S/m; ε_r = 39.926; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3928;ConvF(7.72, 7.72, 7.72) @ 1880 MHz; Calibrated: 3/3/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1342; Calibrated: 5/31/2022
- Phantom: Twin-SAM V8.0_Right; Type: QD 000 P41 Ax; Serial: 1984
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/WCDMA_FDD II_CH9400_Right Cheek/Area Scan (9x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0906 W/kg

Configuration/WCDMA_FDD II_CH9400_Right Cheek/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.990 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 0.104 W/kg
SAR(1 g) = 0.066 W/kg; SAR(10 g) = 0.042 W/kg
Maximum value of SAR (measured) = 0.0885 W/kg



4)

Date: 12/21/2022

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 1. WCDMA_FDD IV_Head.da53:0

DUT: SM-A346MDSN, Type: Mobile Phone, Serial: R3CTA0ARBEJ

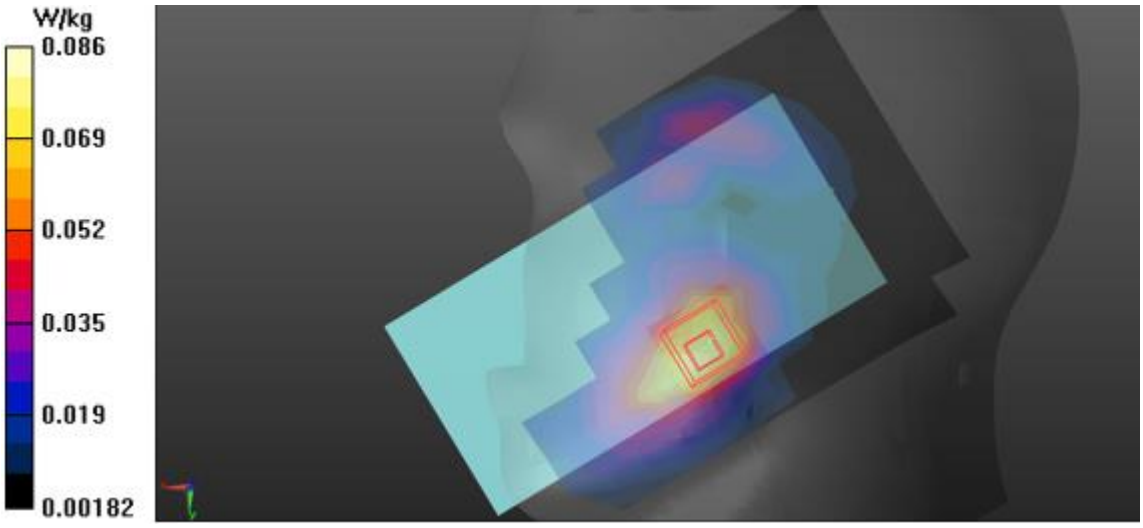
Communication System: UID 0, W-CDMA 1700 (Band 4) (0); Frequency: 1732.4 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1732.4 MHz; σ = 1.323 S/m; ε_r = 41.295; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3928;ConvF(8.01, 8.01, 8.01) @ 1732.4 MHz; Calibrated: 3/3/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1342; Calibrated: 5/31/2022
- Phantom: Twin-SAM V8.0_Right; Type: QD 000 P41 Ax; Serial: 1984
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/WCDMA_FDD IV_CH1412_Right Cheek/Area Scan (9x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0786 W/kg

Configuration/WCDMA_FDD IV_CH1412_Right Cheek/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.801 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 0.100 W/kg
SAR(1 g) = 0.065 W/kg; SAR(10 g) = 0.043 W/kg
Maximum value of SAR (measured) = 0.0857 W/kg



5)

Date: 2022-12-14

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 1. WCDMA Band V_Head.da53:0

DUT: SM-A346MDSN, Type: Mobile Phone, Serial: 67EAC23D90337ECE

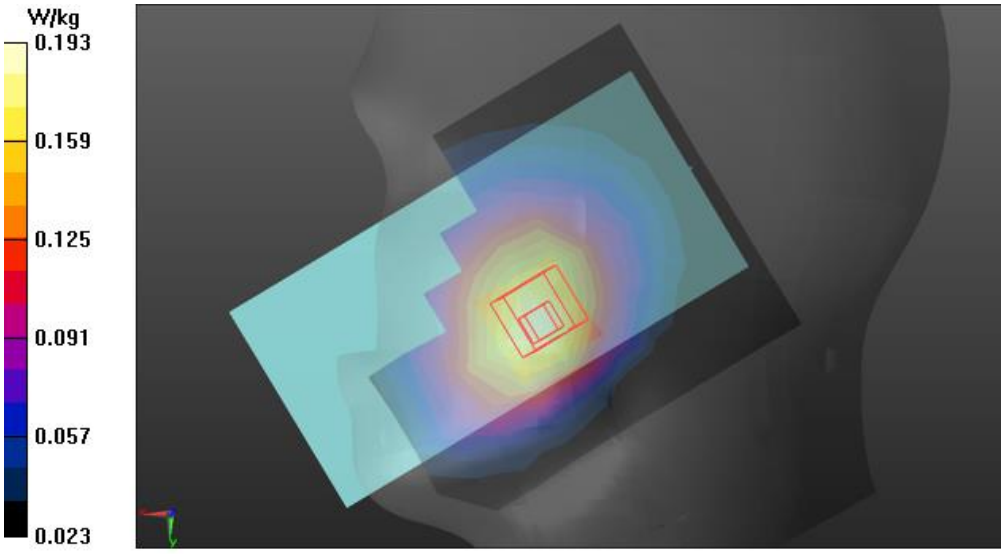
Communication System: UID 0, W-CDMA 850 (Band 5) (0); Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium parameters used: f = 836.6 MHz; σ = 0.914 S/m; ε_r = 42.132; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3865;ConvF(9.88, 9.88, 9.88) @ 836.6 MHz; Calibrated: 2022-01-27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1567; Calibrated: 2022-03-24
- Phantom: Twin-SAM V4.0; Type: QD 000 P40 CC; Serial: 1728
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/WCDMA V _CH4132_Right Cheek/Area Scan (9x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.195 W/kg

Configuration/WCDMA V _CH4132_Right Cheek/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.26 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.214 W/kg
SAR(1 g) = 0.160 W/kg; SAR(10 g) = 0.122 W/kg
Maximum value of SAR (measured) = 0.193 W/kg



6)

Date: 2022-12-08

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 1.LTE Band 2_QPSK_20 MHz_Head.da53:0

DUT: SM-A346MDSN, Type: Mobile Phone, Serial: R3CTA0ARBEJ

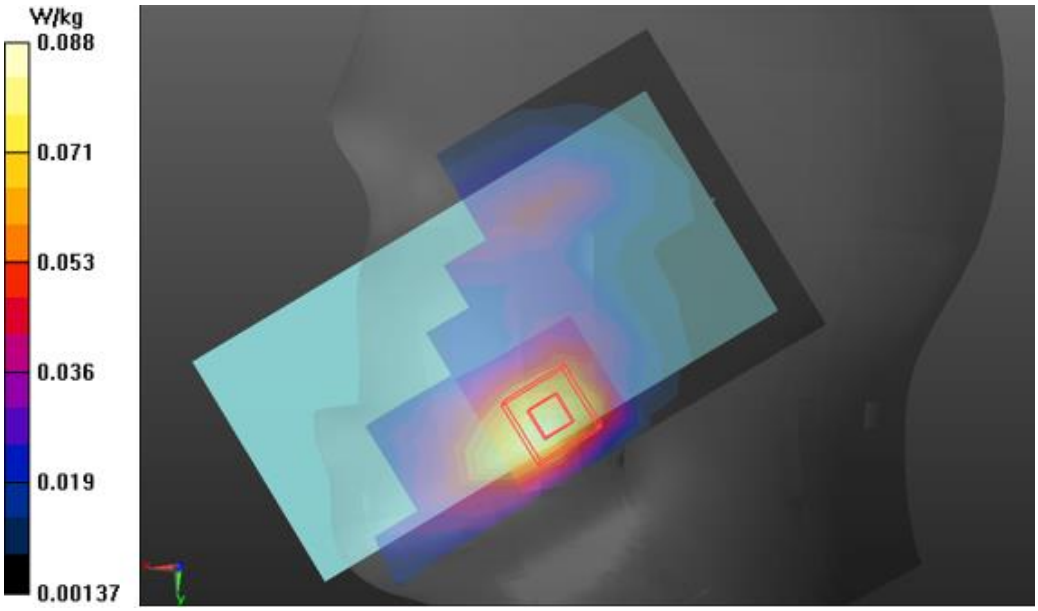
Communication System: UID 0, LTE Band 2 (0); Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.428 S/m; ε_r = 38.637; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3865;ConvF(8.43, 8.43, 8.43) @ 1880 MHz; Calibrated: 2022-01-27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1567; Calibrated: 2022-03-24
- Phantom: Twin-SAM V4.0; Type: QD 000 P40 CC; Serial: 1728
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/LTE Band 2_QPSK_20 MHz_1 RB_49Offset_CH20525_Right Cheek/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0867 W/kg

Configuration/LTE Band 2_QPSK_20 MHz_1 RB_49Offset_CH20525_Right Cheek/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.695 V/m; Power Drift = 0.35 dB
Peak SAR (extrapolated) = 0.103 W/kg
SAR(1 g) = 0.065 W/kg; SAR(10 g) = 0.041 W/kg
Maximum value of SAR (measured) = 0.0880 W/kg



7)

Date: 12/22/2022

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 1. LTE Band 2_Sub_QPSK_20 MHz_Head.da53:0

DUT: SM-A346MDSN, Type: Mobile Phone, Serial: R3CTA0ARECT

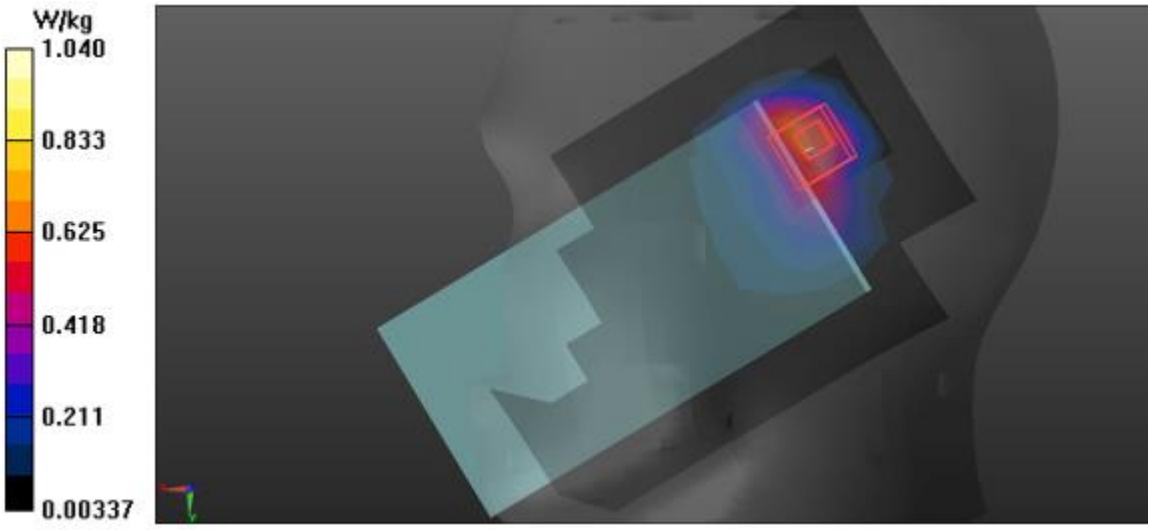
Communication System: UID 0, LTE Band 2 (0); Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.387 S/m; ε_r = 38.76; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3928;ConvF(7.72, 7.72, 7.72) @ 1880 MHz; Calibrated: 3/3/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1342; Calibrated: 5/31/2022
- Phantom: Twin-SAM V8.0_Right; Type: QD 000 P41 Ax; Serial: 1984
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/LTE Band 2_QPSK_20MHz_50RB_24offset_CH18900_Right Tilt/Area Scan (9x13x1):
Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.602 W/kg

Configuration/LTE Band 2_QPSK_20MHz_50RB_24offset_CH18900_Right Tilt/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.20 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.32 W/kg
SAR(1 g) = 0.635 W/kg; SAR(10 g) = 0.302 W/kg
Maximum value of SAR (measured) = 1.04 W/kg



8)

Date: 2022-12-15

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 1. LTE Band 4 Sub_QPSK_20MHz_Head.da53:0

DUT: SM-A346MDSN, Type: Mobile Phone, Serial: 67EAC23D90337ECE

Communication System: UID 0, LTE Band 4 (0); Frequency: 1732.5 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.359 S/m; ε_r = 39.564; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:

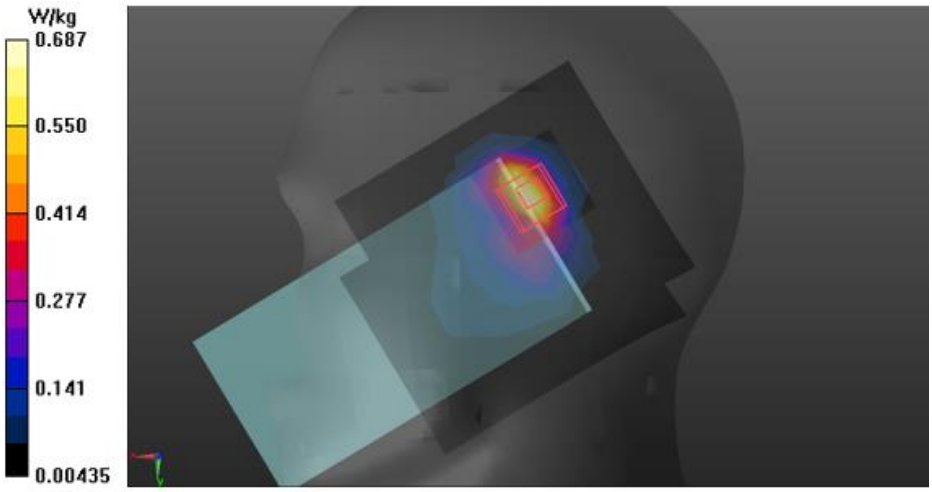
- Probe: EX3DV4 - SN3865;ConvF(8.83, 8.83, 8.83) @ 1732.5 MHz; Calibrated: 2022-01-27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1567; Calibrated: 2022-03-24
- Phantom: Twin-SAM V4.0; Type: QD 000 P40 CC; Serial: 1728
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/LTE Band 4_QPSK_20MHz 1RB_49Offset_CH20175_Right Tilt 0 mm/Area Scan (9x10x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.706 W/kg

Configuration/LTE Band 4_QPSK_20MHz 1RB_49Offset_CH20175_Right Tilt 0 mm/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.836 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.874 W/kg
SAR(1 g) = 0.441 W/kg; SAR(10 g) = 0.220 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.687 W/kg



9)

Date: 2022-12-12

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 1.LTE Band 5_QPSK_10 MHz_Head.da53:0

DUT: SM-A346MDSN, Type: Mobile Phone, Serial: 67EAC23D90337ECE

Communication System: UID 0, LTE Band 5 (0); Frequency: 836.5 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 836.5 MHz; σ = 0.914 S/m; ε_r = 42.134; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:

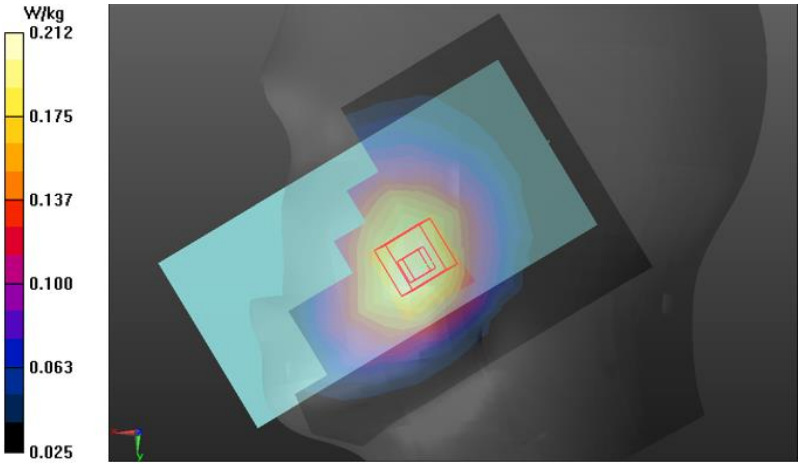
- Probe: EX3DV4 - SN3865;ConvF(9.88, 9.88, 9.88) @ 836.5 MHz; Calibrated: 2022-01-27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1567; Calibrated: 2022-03-24
- Phantom: Twin-SAM V4.0; Type: QD 000 P40 CC; Serial: 1728
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/LTE Band 5_QPSK_10 MHz_1 RB_25Offset_CH20525_Right Cheek/Area Scan (9x11x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.209 W/kg

Configuration/LTE Band 5_QPSK_10 MHz_1 RB_25Offset_CH20525_Right Cheek/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.50 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 0.228 W/kg
SAR(1 g) = 0.181 W/kg; SAR(10 g) = 0.141 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.212 W/kg



10)

Date: 2022-12-17

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 1.LTE Band 12_QPSK_10 MHz_Head.da53:0

DUT: SM-A346MDSN, Type: Mobile Phone, Serial: 68559F4CE337ECE

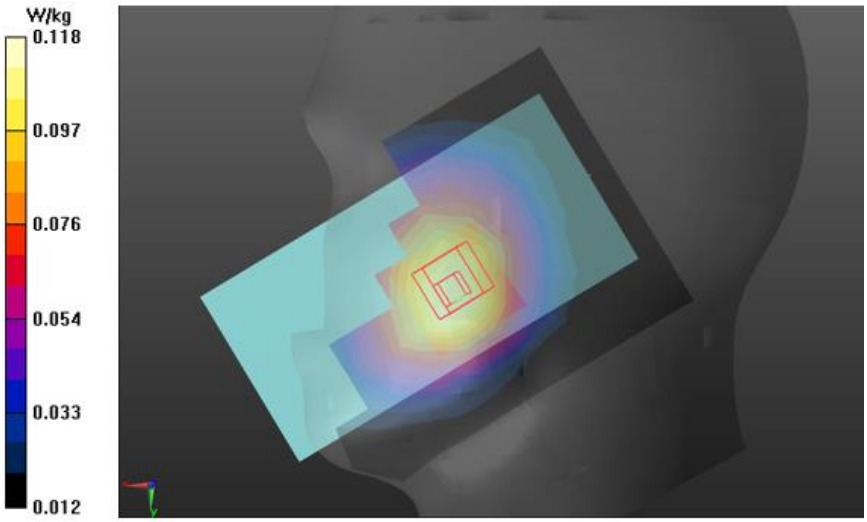
Communication System: UID 0, LTE Band 12 (0); Frequency: 707.5 MHz; Duty Cycle: 1:1
Medium parameters used: f = 707.5 MHz; σ = 0.866 S/m; ε_r = 44.032; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3865;ConvF(10.24, 10.24, 10.24) @ 707.5 MHz; Calibrated: 2022-01-27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1567; Calibrated: 2022-03-24
- Phantom: Twin-SAM V4.0; Type: QD 000 P40 CC; Serial: 1728
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/LTE Band 12_QPSK_20 MHz_1 RB_25Offset_CH23095_Right Cheek/Area Scan (9x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.113 W/kg

Configuration/LTE Band 12_QPSK_20 MHz_1 RB_25Offset_CH23095_Right Cheek/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.67 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 0.126 W/kg
SAR(1 g) = 0.100 W/kg; SAR(10 g) = 0.079 W/kg
Maximum value of SAR (measured) = 0.118 W/kg



11)

Date: 2022-12-06

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 1. LTE Band 13_QPSK_10MHz_Head.da53:2

DUT: SM-A346MDSN, Type: Mobile Phone, Serial: R3CTA0ARECT

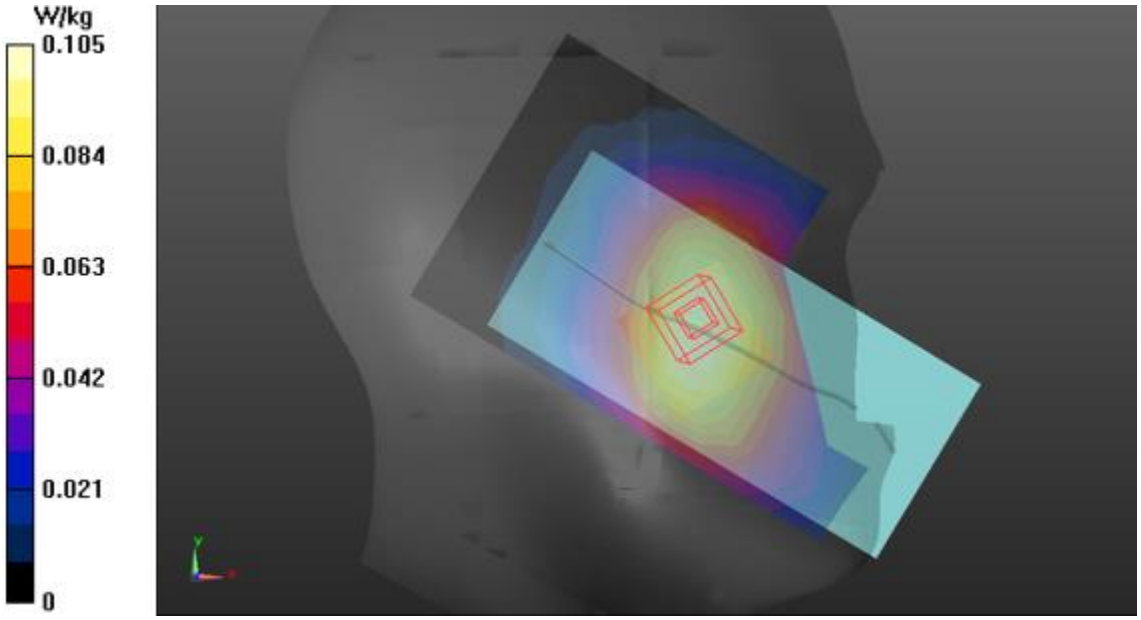
Communication System: UID 0, LTE Band 13 (0); Frequency: 782 MHz; Duty Cycle: 1:1
Medium parameters used: f = 782 MHz; σ = 0.913 S/m; ε_r = 42.541; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3865;ConvF(10.24, 10.24, 10.24) @ 782 MHz; Calibrated: 2022-01-27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1567; Calibrated: 2022-03-24
- Phantom: Twin-SAM V4.0; Type: QD 000 P40 CC; Serial: 1728
- Measurement SW: DASY52, Version 52.10 (4);

Configuration 2/LTE Band 13_QPSK_10 MHz_1 RB_25Offset_CH23230_Left Cheek/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.105 W/kg

Configuration 2/LTE Band 13_QPSK_10 MHz_1 RB_25Offset_CH23230_Left Cheek/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.78 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 0.118 W/kg
SAR(1 g) = 0.096 W/kg; SAR(10 g) = 0.077 W/kg
Maximum value of SAR (measured) = 0.110 W/kg



12)

Date: 2022-12-07

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 1. LTE Band 26_QPSK_15MHz_Head.da53:0

DUT: SM-A346MDSN, Type: Mobile Phone, Serial: R3CTA0ARBEJ

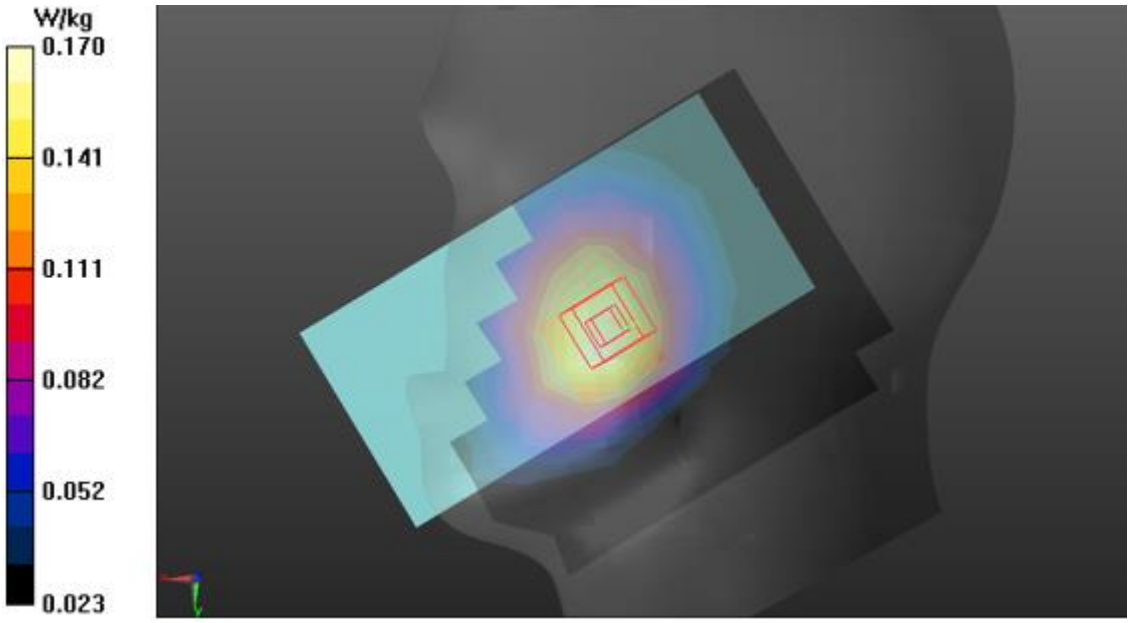
Communication System: UID 0, LTE Band 26 (0); Frequency: 831.5 MHz; Duty Cycle: 1:1
Medium parameters used: f = 831.5 MHz; σ = 0.887 S/m; ε_r = 40.974; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3865;ConvF(9.88, 9.88, 9.88) @ 831.5 MHz; Calibrated: 2022-01-27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1567; Calibrated: 2022-03-24
- Phantom: Twin-SAM V4.0; Type: QD 000 P40 CC; Serial: 1728
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/LTE Band 26_QPSK_15 MHz_1 RB_36Offset_CH26865_Right Cheek/Area Scan (9x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.169 W/kg

Configuration/LTE Band 26_QPSK_15 MHz_1 RB_36Offset_CH26865_Right Cheek/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.91 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.185 W/kg
SAR(1 g) = 0.147 W/kg; SAR(10 g) = 0.113 W/kg
Maximum value of SAR (measured) = 0.170 W/kg



13)

Date: 12/17/2022

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 1. LTE Band 41_QPSK_20 MHz_Head.da53:1

DUT: SM-A346MDSN, Type: Mobile Phone, Serial: R3CTA0ARBEJ

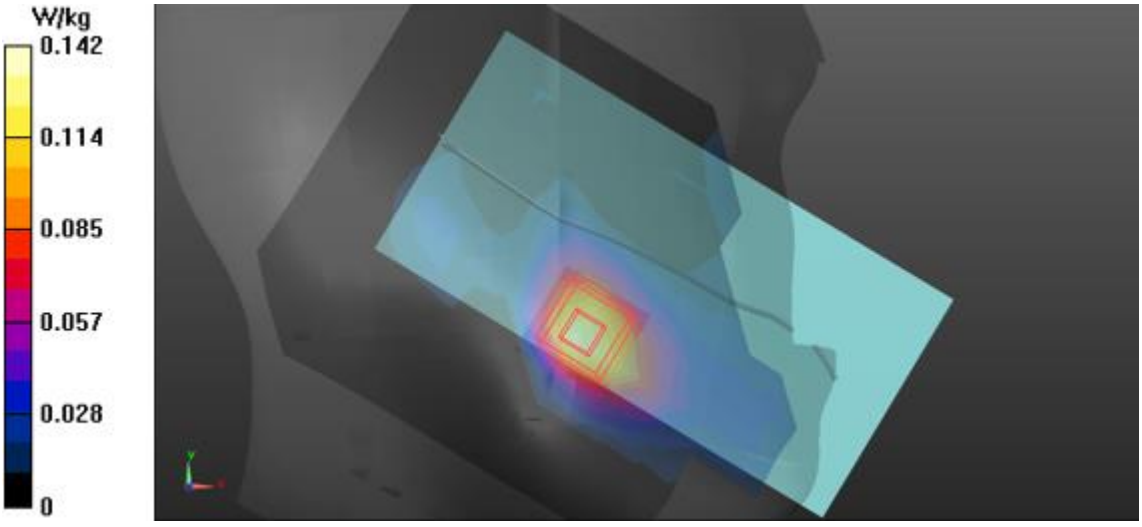
Communication System: UID 0, LTE Band 41 (0); Frequency: 2680 MHz; Duty Cycle: 1:1.58016
Medium parameters used: f = 2680 MHz; σ = 2.006 S/m; ε_r = 37.634; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3928;ConvF(7.17, 7.17, 7.17) @ 2680 MHz; Calibrated: 3/3/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1342; Calibrated: 5/31/2022
- Phantom: Twin-SAM V8.0_Right; Type: QD 000 P41 Ax; Serial: 1984
- Measurement SW: DASY52, Version 52.10 (4);

Configuration 2/LTE Band 41_QPSK_20MHz_1RB_49offset_CH41490_Left Cheek/Area Scan (12x16x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.140 W/kg

Configuration 2/LTE Band 41_QPSK_20MHz_1RB_49offset_CH41490_Left Cheek/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.787 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 0.171 W/kg
SAR(1 g) = 0.095 W/kg; SAR(10 g) = 0.051 W/kg
Maximum value of SAR (measured) = 0.142 W/kg



14)

Date: 2022-12-09

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 1. LTE Band 66_QPSK_20MHz_Head.da53:0

DUT: SM-A346MDSN, Type: Mobile Phone, Serial: R3CTA0ARBEJ

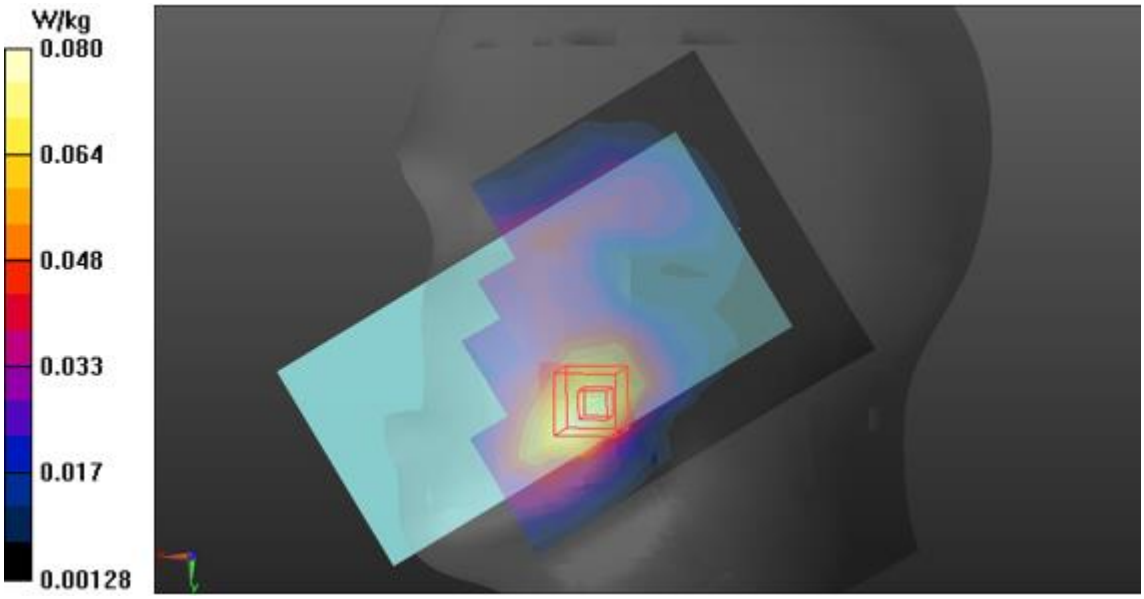
Communication System: UID 0, LTE Band 66 (0); Frequency: 1720 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1720 MHz; σ = 1.367 S/m; ε_r = 39.247; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3865;ConvF(8.83, 8.83, 8.83) @ 1720 MHz; Calibrated: 2022-01-27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1567; Calibrated: 2022-03-24
- Phantom: Twin-SAM V4.0; Type: QD 000 P40 CC; Serial: 1728
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/LTE Band 66_QPSK_20MHz_1RB_49Offset_CH13072_Right Cheek 0 mm/Area Scan (9x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0778 W/kg

Configuration/LTE Band 66_QPSK_20MHz_1RB_49Offset_CH13072_Right Cheek 0 mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.843 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.0960 W/kg
SAR(1 g) = 0.059 W/kg; SAR(10 g) = 0.038 W/kg
Maximum value of SAR (measured) = 0.0799 W/kg



15)

Date: 12/24/2022

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 1. LTE Band 66_Sub_QPSK_20 MHz_Head.da53:0

DUT: SM-A346MDSN, Type: Mobile Phone, Serial: R3CTA0ARECT

Communication System: UID 0, LTE Band 66 (0); Frequency: 1745 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1745 MHz; σ = 1.375 S/m; ε_r = 38.807; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:

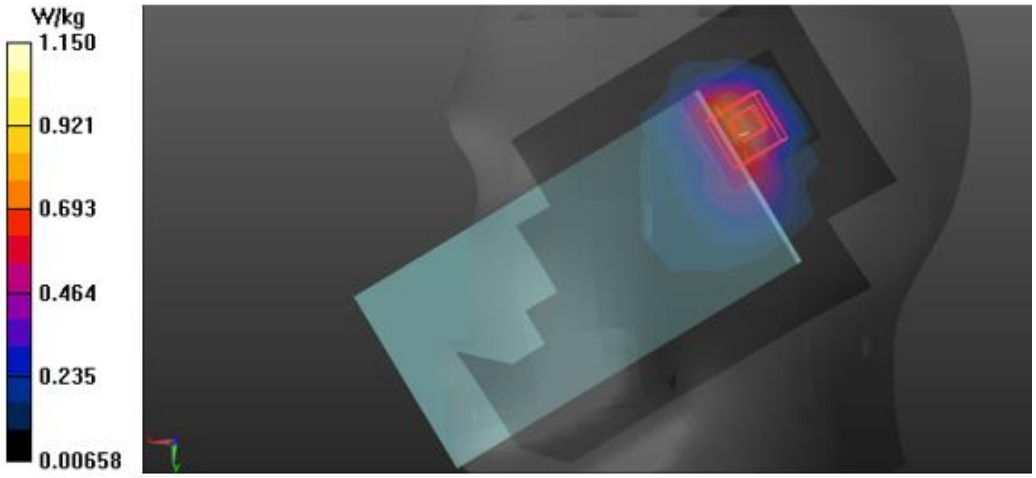
- Probe: EX3DV4 - SN3928;ConvF(8.01, 8.01, 8.01) @ 1745 MHz; Calibrated: 3/3/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1342; Calibrated: 5/31/2022
- Phantom: Twin-SAM V8.0_Right; Type: QD 000 P41 Ax; Serial: 1984
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/LTE Band 66_QPSK_20MHz_50RB_50offset_CH132322_Right Tilt/Area Scan (9x13x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.728 W/kg

Configuration/LTE Band 66_QPSK_20MHz_50RB_50offset_CH132322_Right Tilt/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.37 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 1.43 W/kg
SAR(1 g) = 0.722 W/kg; SAR(10 g) = 0.352 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.15 W/kg



16)

Date: 12/16/2022

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 1. 5G NR n5_Head.da53:0

DUT: SM-A346MDSN, Type: Mobile Phone, Serial: R3CTA0ARECT

Communication System: UID 0, 5G Sub6 n5 (0); Frequency: 836.5 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 836.5 MHz; σ = 0.889 S/m; ε_r = 41.338; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:

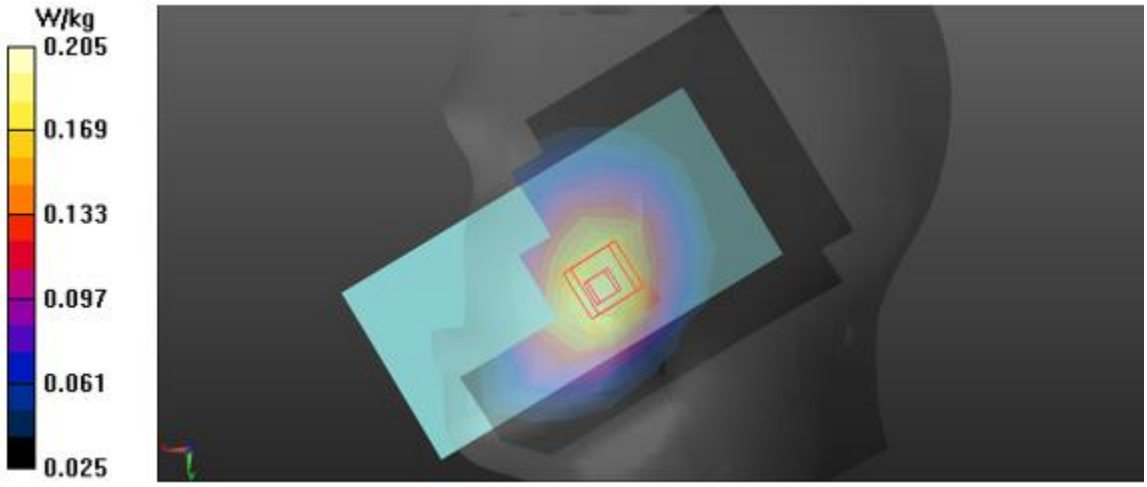
- Probe: EX3DV4 - SN7540;ConvF(9.73, 9.73, 9.73) @ 836.5 MHz; Calibrated: 4/29/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn666; Calibrated: 1/26/2022
- Phantom: Twin-SAM V8.0; Type: QD 000 P41 AA; Serial: 1975
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/5G NR n5 DFT-S-OFDM_QPSK_SCS 15kHz_20MHz 50RB 28offset_CH167300_Right Cheek/Area Scan (9x13x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.198 W/kg

Configuration/5G NR n5 DFT-S-OFDM_QPSK_SCS 15kHz_20MHz 50RB 28offset_CH167300_Right Cheek/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.41 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.220 W/kg
SAR(1 g) = 0.175 W/kg; SAR(10 g) = 0.137 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.205 W/kg



17)

Date: 12/17/2022

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 1. 5G NR n66_Head.da53:0

DUT: SM-A346MDSN, Type: Mobile Phone, Serial: R3CTA0ARECT

Communication System: UID 0, 5G sub6 n66 (0); Frequency: 1745 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1745 MHz; σ = 1.315 S/m; ε_r = 39.022; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:

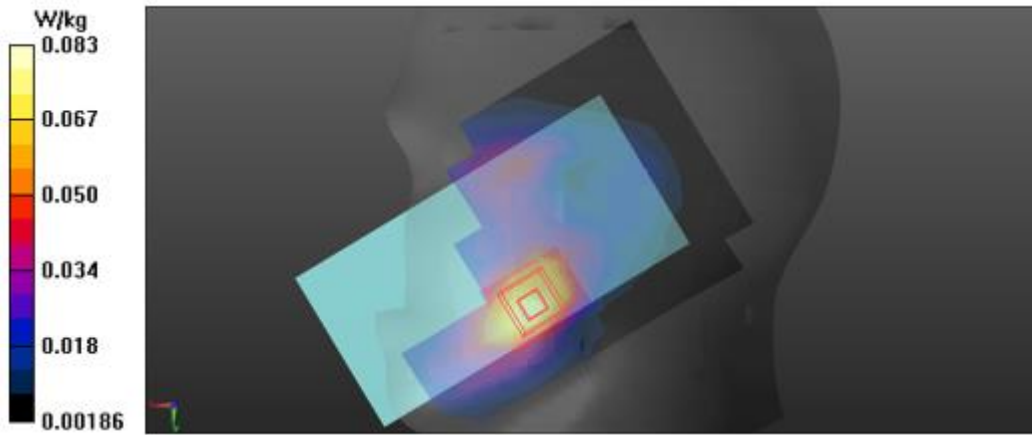
- Probe: EX3DV4 - SN7540;ConvF(8.62, 8.62, 8.62) @ 1745 MHz; Calibrated: 4/29/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn666; Calibrated: 1/26/2022
- Phantom: Twin-SAM V8.0; Type: QD 000 P41 AA; Serial: 1975
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/5G NR n66 DFT-S-OFDM_QPSK_SCS 15kHz_40MHz 108RB 54offset_CH349000_Right Cheek/Area Scan (9x13x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0819 W/kg

Configuration/5G NR n66 DFT-S-OFDM_QPSK_SCS 15kHz_40MHz 108RB 54offset_CH349000_Right Cheek/Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.031 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 0.0940 W/kg
SAR(1 g) = 0.065 W/kg; SAR(10 g) = 0.043 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0829 W/kg



18)

Date: 12/17/2022

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 1. 5G NR n66_Sub Ant_Head.da53:0

DUT: SM-A346MDSN, Type: Mobile Phone, Serial: R3CTA0ARECT

Communication System: UID 0, 5G sub6 n66 (0); Frequency: 1745 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1745 MHz; σ = 1.315 S/m; ε_r = 39.022; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:

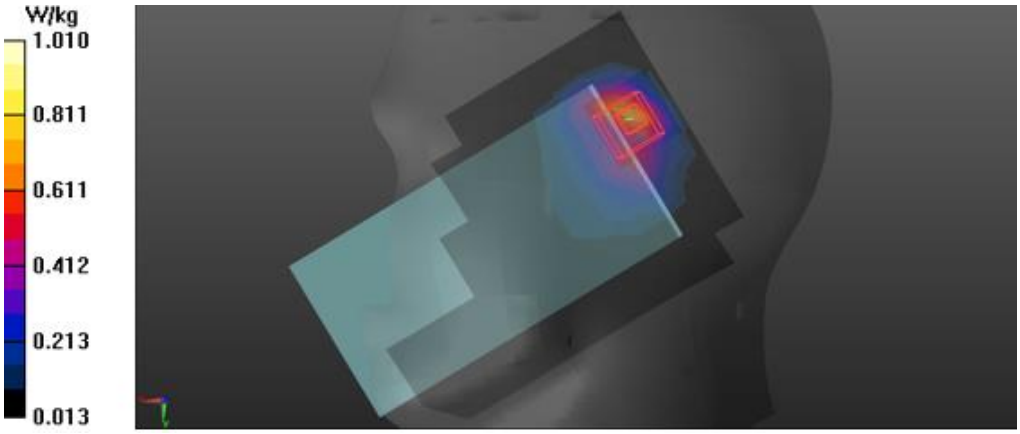
- Probe: EX3DV4 - SN7540;ConvF(8.62, 8.62, 8.62) @ 1745 MHz; Calibrated: 4/29/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn666; Calibrated: 1/26/2022
- Phantom: Twin-SAM V8.0; Type: QD 000 P41 AA; Serial: 1975
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/5G NR n66_Sub2 Ant_DFT-S-OFDM_QPSK_SCS 15kHz_20MHz 1RB 53offset_CH349000_Right Tilt/Area Scan (9x13x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.699 W/kg

Configuration/5G NR n66_Sub2 Ant_DFT-S-OFDM_QPSK_SCS 15kHz_20MHz 1RB 53offset_CH349000_Right Tilt/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.650 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.17 W/kg
SAR(1 g) = 0.608 W/kg; SAR(10 g) = 0.310 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.01 W/kg



19)

Date: 2022-12-13

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 1. 2.4GHz_802.11_b_Head.da53:0

DUT: SM-A346MDSN, Type: Mobile Phone, Serial: R3CT904NARX

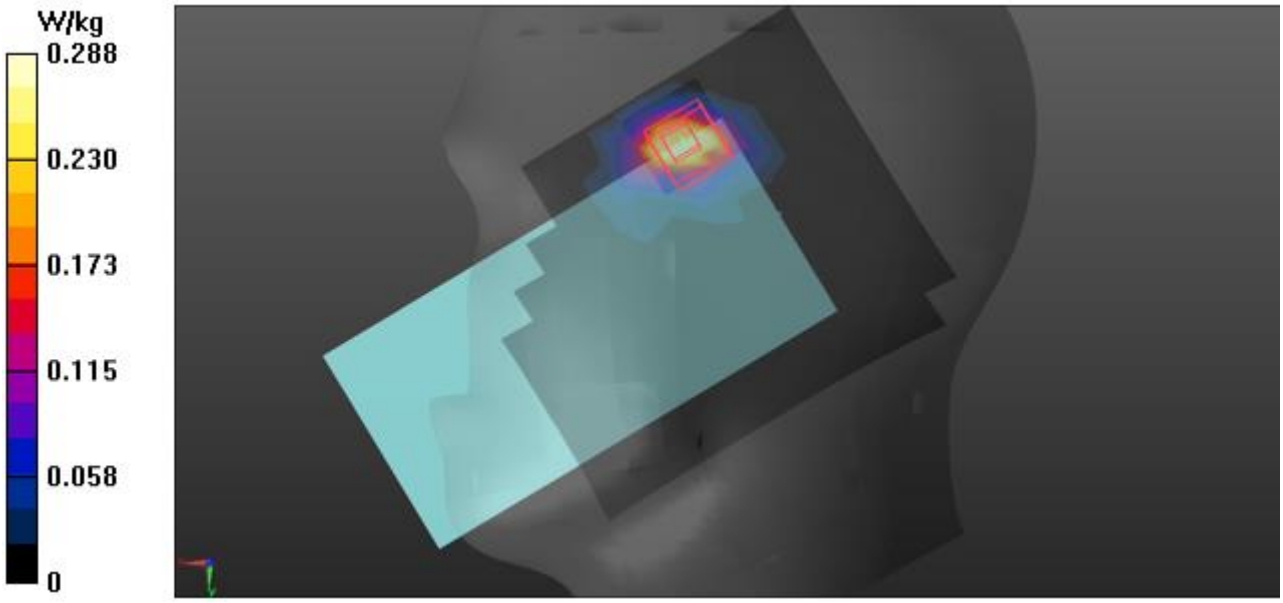
Communication System: UID 0, 2.4GWLAN (0); Frequency: 2462 MHz; Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 1.865 S/m; ε_r = 37.663; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3697;ConvF(7.14, 7.14, 7.14) @ 2462 MHz; Calibrated: 2022-03-28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1587; Calibrated: 2022-07-20
- Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1724
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/802.11_b_Wi-Fi1_CH11_Right Cheek 0 mm/Area Scan (11x13x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.288 W/kg

Configuration/802.11_b_Wi-Fi1_CH11_Right Cheek 0 mm/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.759 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.693 W/kg
SAR(1 g) = 0.196 W/kg; SAR(10 g) = 0.078 W/kg
Maximum value of SAR (measured) = 0.420 W/kg



20)

Date: 2022-12-13

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 1. 2.4GHz_802.11_b_Head.da53:1

DUT: SM-A346MDSN, Type: Mobile Phone, Serial: R3CT904NARX

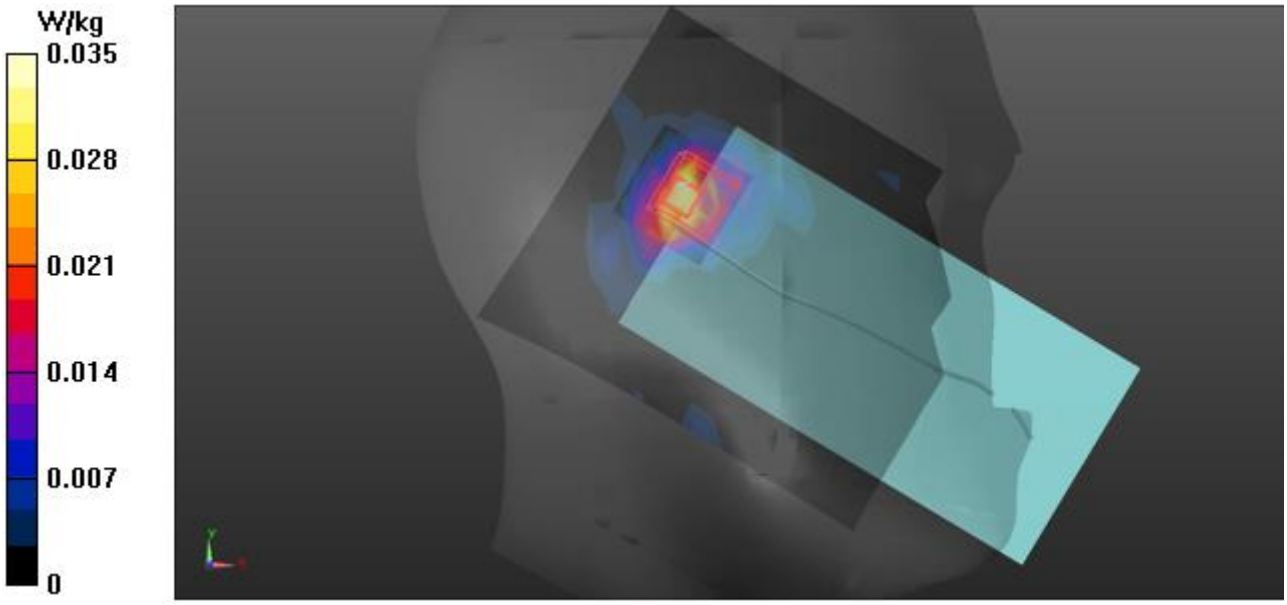
Communication System: UID 0, 2.4GWLAN (0); Frequency: 2412 MHz; Duty Cycle: 1:1
Medium parameters used: f = 2412 MHz; σ = 1.821 S/m; ε_r = 37.771; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3697;ConvF(7.14, 7.14, 7.14) @ 2412 MHz; Calibrated: 2022-03-28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1587; Calibrated: 2022-07-20
- Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1724
- Measurement SW: DASY52, Version 52.10 (4);

Configuration 2/802.11_b_Wi-Fi2_CH1_Left Cheek 0 mm/Area Scan (11x13x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.0350 W/kg

Configuration 2/802.11_b_Wi-Fi2_CH1_Left Cheek 0 mm/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.818 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 0.0970 W/kg
SAR(1 g) = 0.020 W/kg; SAR(10 g) = 0.00823 W/kg
Maximum value of SAR (measured) = 0.0400 W/kg



21)

Date: 2022-12-13

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 1. 2.4GHz_802.11_b_Head.da53:0

DUT: SM-A346MDSN, Type: Mobile Phone, Serial: R3CT904NARX

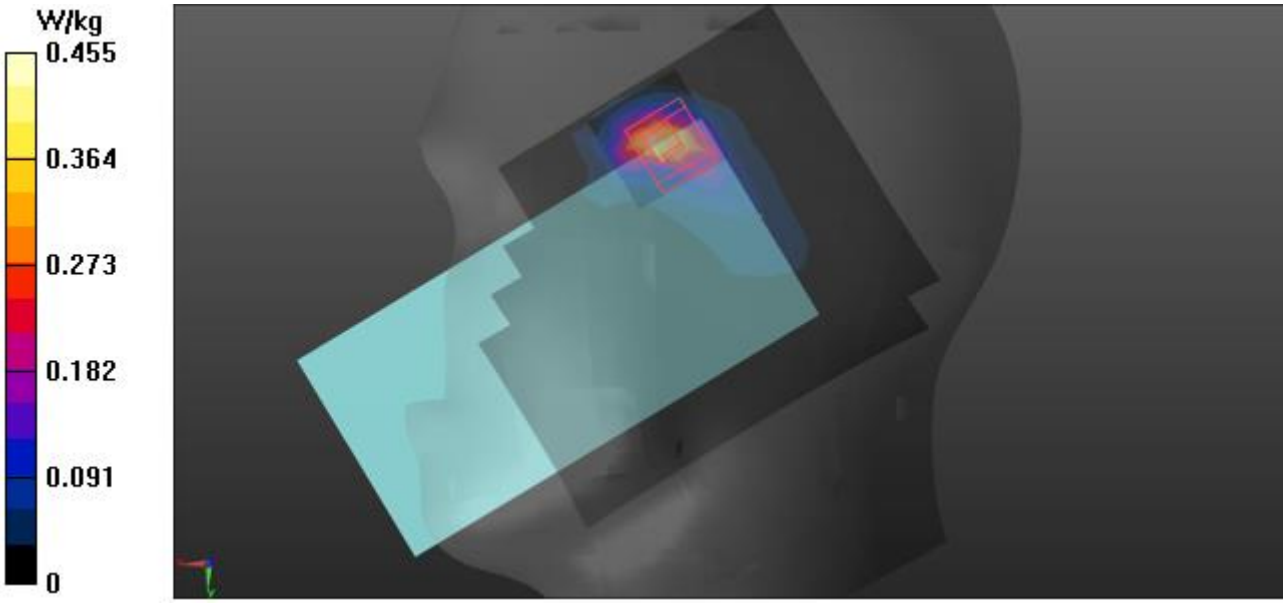
Communication System: UID 0, 2.4GWLAN (0); Frequency: 2462 MHz; Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 1.865 S/m; ε_r = 37.663; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3697;ConvF(7.14, 7.14, 7.14) @ 2462 MHz; Calibrated: 2022-03-28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1587; Calibrated: 2022-07-20
- Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1724
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/802.11_b_MIMO_CH11_Right Cheek 0 mm/Area Scan (11x13x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.260 W/kg

Configuration/802.11_b_MIMO_CH11_Right Cheek 0 mm/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.752 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.783 W/kg
SAR(1 g) = 0.227 W/kg; SAR(10 g) = 0.094 W/kg
Maximum value of SAR (measured) = 0.455 W/kg



22)

Date: 2022-12-15

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 1. 5.3 GHz_802.11_Head.da53:0

DUT: SM-A346MDSN, Type: Mobile Phone, Serial: R3CT904N0ZF

Communication System: UID 0, 5GWLAN (0); Frequency: 5290 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 5290 MHz; σ = 4.791 S/m; ε_r = 35.021; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:

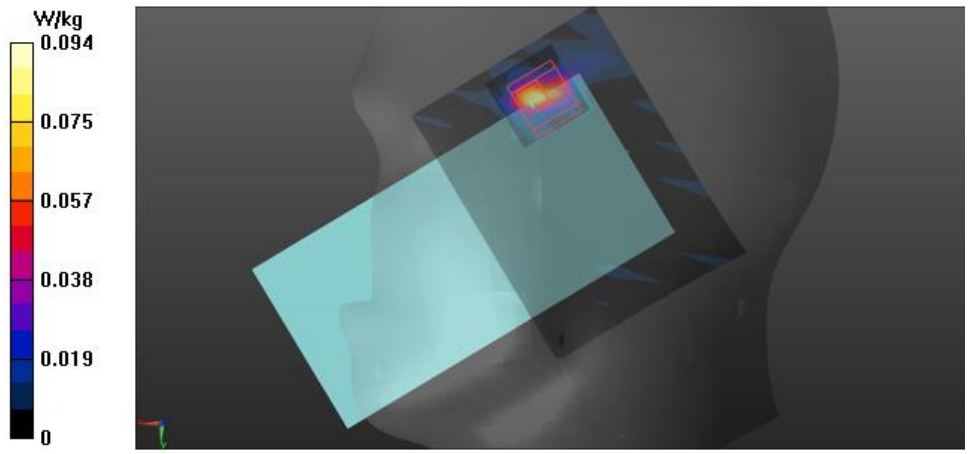
- Probe: EX3DV4 - SN3697;ConvF(4.7, 4.7, 4.7) @ 5290 MHz; Calibrated: 2022-03-28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1587; Calibrated: 2022-07-20
- Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1724
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/802.11_ac_VHT80_Wi-fi1_CH58_Right Cheek 0 mm/Area Scan (13x10x1): Measurement grid: dx=10mm, dy=10mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0943 W/kg

Configuration/802.11_ac_VHT80_Wi-fi1_CH58_Right Cheek 0 mm/Zoom Scan (9x9x7)/Cube 0:
Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 2.275 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.270 W/kg
SAR(1 g) = 0.027 W/kg; SAR(10 g) = 0.00617 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0990 W/kg



23)

Date: 2022-12-15

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 1. 5.3 GHz_802.11_Head.da53:0

DUT: SM-A346MDSN, Type: Mobile Phone, Serial: R3CT904N0ZF

Communication System: UID 0, 5GWLAN (0); Frequency: 5290 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 5290 MHz; σ = 4.791 S/m; ε_r = 35.021; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:

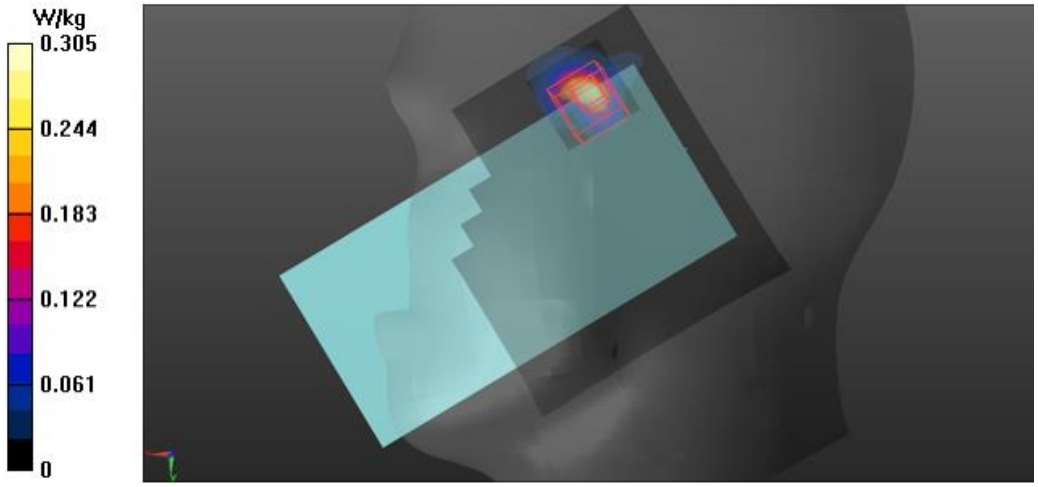
- Probe: EX3DV4 - SN3697;ConvF(4.7, 4.7, 4.7) @ 5290 MHz; Calibrated: 2022-03-28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1587; Calibrated: 2022-07-20
- Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1724
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/802.11_ac_VHT80_Wi-fi2_CH58_Right Cheek 0 mm/Area Scan (13x12x1): Measurement grid: dx=10mm, dy=10mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.305 W/kg

Configuration/802.11_ac_VHT80_Wi-fi2_CH58_Right Cheek 0 mm/Zoom Scan (9x9x7)/Cube 0:
Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 8.852 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.908 W/kg
SAR(1 g) = 0.119 W/kg; SAR(10 g) = 0.029 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.400 W/kg



24)

Date: 2022-12-15

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 1. 5.3 GHz_802.11_Head.da53:0

DUT: SM-A346MDSN, Type: Mobile Phone, Serial: R3CT904N0ZF

Communication System: UID 0, 5GWLAN (0); Frequency: 5290 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 5290 MHz; σ = 4.791 S/m; ε_r = 35.021; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:

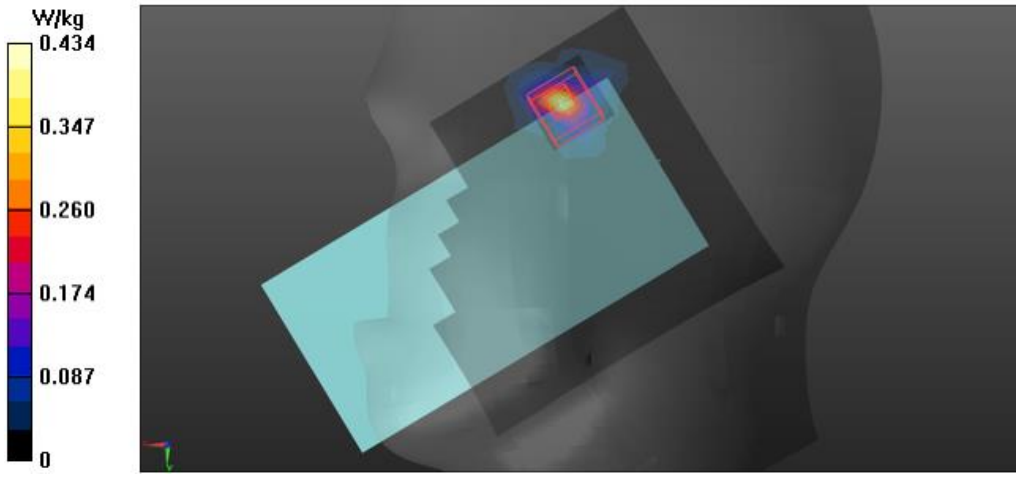
- Probe: EX3DV4 - SN3697;ConvF(4.7, 4.7, 4.7) @ 5290 MHz; Calibrated: 2022-03-28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1587; Calibrated: 2022-07-20
- Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1724
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/802.11_ac_VHT80_MIMO_CH58_Right Cheek 0 mm/Area Scan (13x14x1):
Measurement grid: dx=10mm, dy=10mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.434 W/kg

Configuration/802.11_ac_VHT80_MIMO_CH58_Right Cheek 0 mm/Zoom Scan (8x8x7)/Cube 0:
Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 9.498 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 0.754 W/kg
SAR(1 g) = 0.146 W/kg; SAR(10 g) = 0.036 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.463 W/kg



25)

Date: 2022-12-21

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 1. 5.6 GHz_802.11_Head.da53:0

DUT: SM-A346MDSN, Type: Mobile Phone, Serial: R3CT904N0ZF

Communication System: UID 0, 5GWLAN (0); Frequency: 5690 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 5690 MHz; σ = 5.273 S/m; ε_r = 34.657; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:

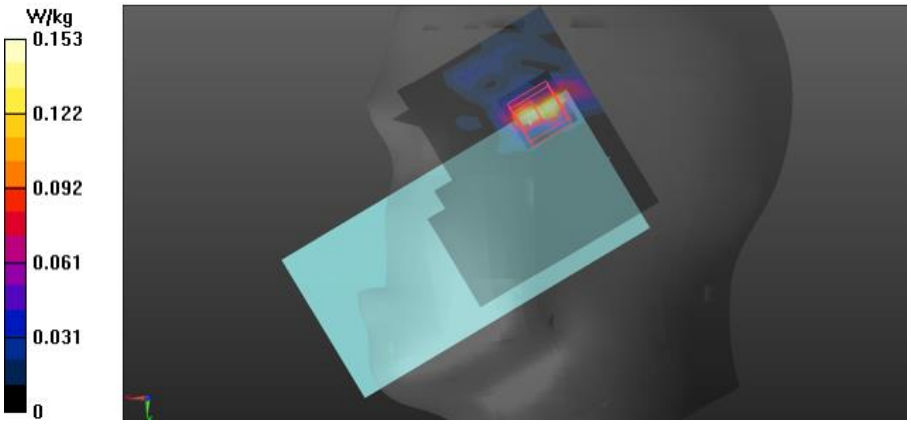
- Probe: EX3DV4 - SN3697;ConvF(4.39, 4.39, 4.39) @ 5690 MHz; Calibrated: 2022-03-28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1587; Calibrated: 2022-07-20
- Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1724
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/802.11_ac_VHT80_Wi-fi1_CH138_Right Cheek 0 mm/Area Scan (12x11x1):
Measurement grid: dx=10mm, dy=10mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.153 W/kg

Configuration/802.11_ac_VHT80_Wi-fi1_CH138_Right Cheek 0 mm/Zoom Scan (8x8x7)/Cube 0:
Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 5.909 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.300 W/kg
SAR(1 g) = 0.050 W/kg; SAR(10 g) = 0.014 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.169 W/kg



26)

Date: 2022-12-21

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 1. 5.6 GHz_802.11_Head.da53:0

DUT: SM-A346MDSN, Type: Mobile Phone, Serial: R3CT904N0ZF

Communication System: UID 0, 5GWLAN (0); Frequency: 5530 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 5530 MHz; σ = 5.062 S/m; ε_r = 34.922; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:

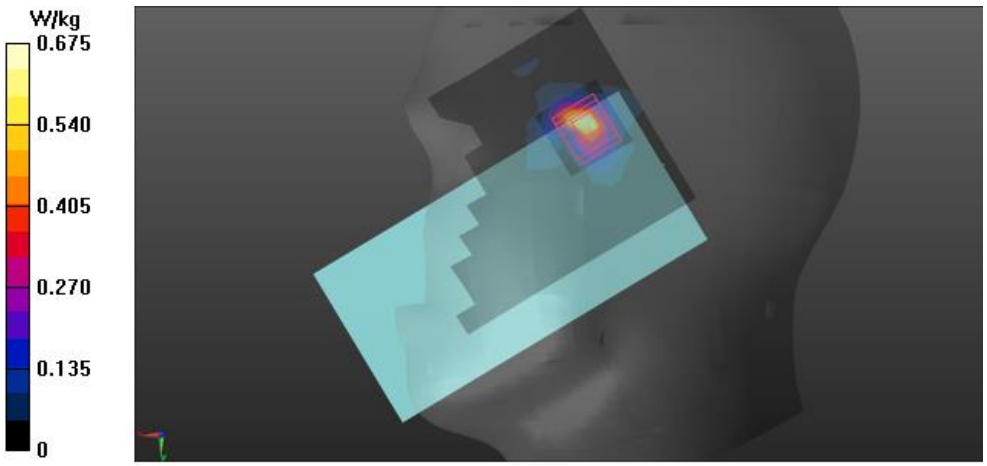
- Probe: EX3DV4 - SN3697;ConvF(4.39, 4.39, 4.39) @ 5530 MHz; Calibrated: 2022-03-28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1587; Calibrated: 2022-07-20
- Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1724
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/802.11_ac_VHT80_Wi-fi2_CH106_Right Cheek 0 mm/Area Scan (11x13x1):
Measurement grid: dx=10mm, dy=10mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.675 W/kg

Configuration/802.11_ac_VHT80_Wi-fi2_CH106_Right Cheek 0 mm/Zoom Scan (9x9x7)/Cube 0:
Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 10.30 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 1.31 W/kg
SAR(1 g) = 0.255 W/kg; SAR(10 g) = 0.066 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.779 W/kg



27)

Date: 2022-12-21

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 1. 5.6 GHz_802.11_Head.da53:0

DUT: SM-A346MDSN, Type: Mobile Phone, Serial: R3CT904N0ZF

Communication System: UID 0, 5GWLAN (0); Frequency: 5690 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 5690 MHz; σ = 5.273 S/m; ε_r = 34.657; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:

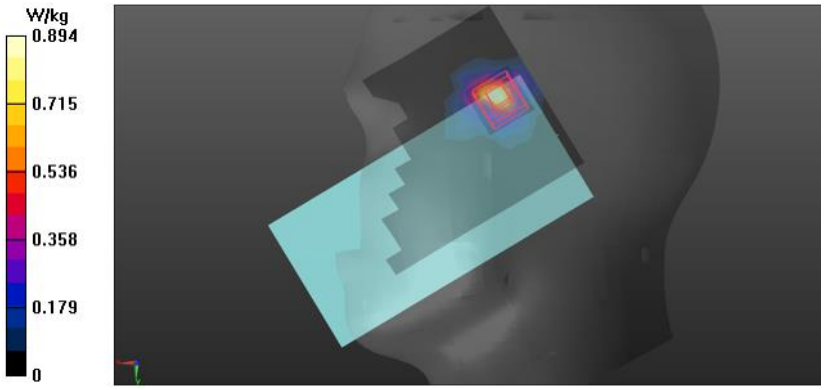
- Probe: EX3DV4 - SN3697;ConvF(4.39, 4.39, 4.39) @ 5690 MHz; Calibrated: 2022-03-28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1587; Calibrated: 2022-07-20
- Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1724
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/802.11_ac_VHT80_MIMO_CH138_Right Cheek 0 mm/Area Scan (11x13x1):
Measurement grid: dx=10mm, dy=10mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.894 W/kg

Configuration/802.11_ac_VHT80_MIMO_CH138_Right Cheek 0 mm/Zoom Scan (8x8x7)/Cube 0:
Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 14.76 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.67 W/kg
SAR(1 g) = 0.348 W/kg; SAR(10 g) = 0.095 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.04 W/kg



28)

Date: 2022-12-19

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 1. 5.8 GHz_802.11_Head.da53:0

DUT: SM-A346MDSN, Type: Mobile Phone, Serial: R3CT904N0ZF

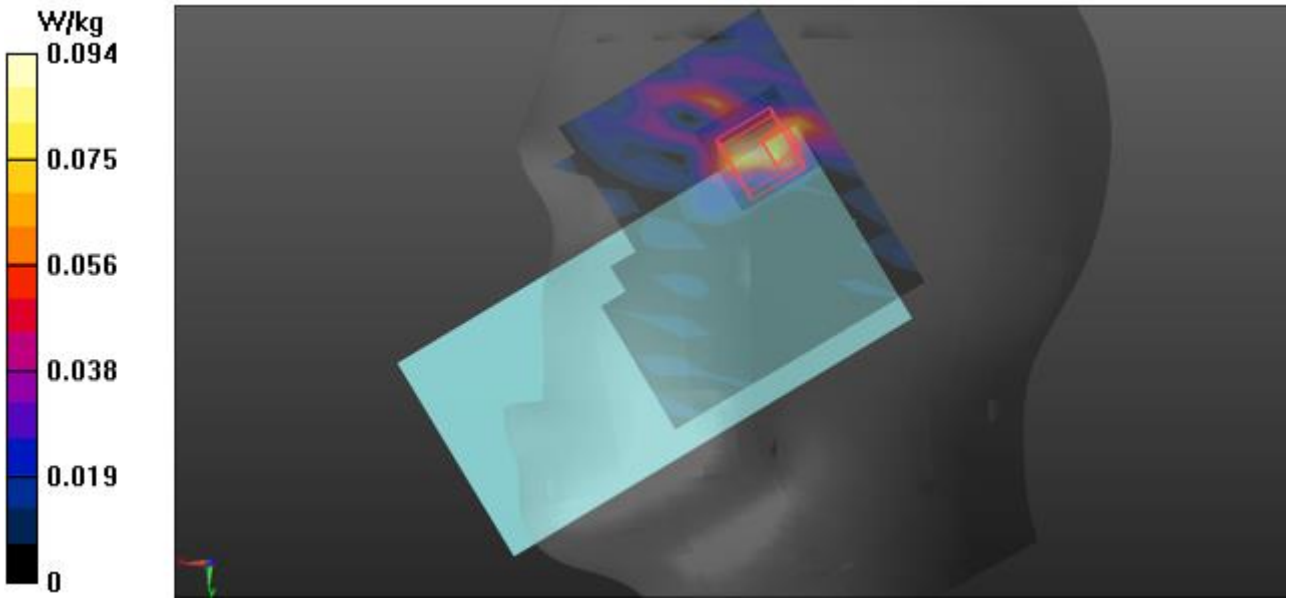
Communication System: UID 0, 5GWLAN (0); Frequency: 5775 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5775 MHz; σ = 5.222 S/m; ε_r = 34.712; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3697;ConvF(4.36, 4.36, 4.36) @ 5775 MHz; Calibrated: 2022-03-28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1587; Calibrated: 2022-07-20
- Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1724
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/802.11_ac_VHT80_Wi-fi1_CH155_Right Cheek 0 mm/Area Scan (12x11x1):
Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.0941 W/kg

Configuration/802.11_ac_VHT80_Wi-fi1_CH155_Right Cheek 0 mm/Zoom Scan (9x9x7)/Cube 0:
Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 4.310 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 0.186 W/kg
SAR(1 g) = 0.025 W/kg; SAR(10 g) = 0.00636 W/kg
Maximum value of SAR (measured) = 0.0835 W/kg



29)

Date: 2022-12-19

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 1. 5.8 GHz_802.11_Head.da53:0

DUT: SM-A346MDSN, Type: Mobile Phone, Serial: R3CT904N0ZF

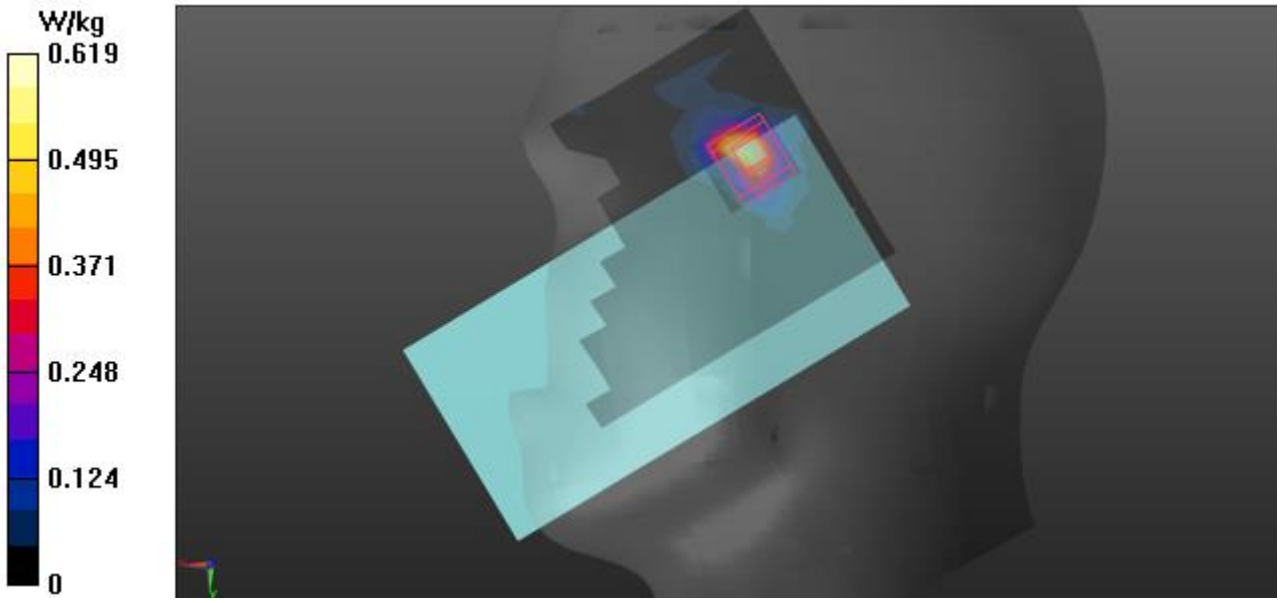
Communication System: UID 0, 5GWLAN (0); Frequency: 5775 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5775 MHz; σ = 5.222 S/m; ε_r = 34.712; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3697;ConvF(4.36, 4.36, 4.36) @ 5775 MHz; Calibrated: 2022-03-28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1587; Calibrated: 2022-07-20
- Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1724
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/802.11_ac_VHT80_Wi-fi2_CH155_Right Cheek 0 mm/Area Scan (11x13x1):
Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.619 W/kg

Configuration/802.11_ac_VHT80_Wi-fi2_CH155_Right Cheek 0 mm/Zoom Scan (8x8x7)/Cube 0:
Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 11.87 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 1.26 W/kg
SAR(1 g) = 0.255 W/kg; SAR(10 g) = 0.067 W/kg
Maximum value of SAR (measured) = 0.798 W/kg



30)

Date: 2022-12-19

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 1. 5.8 GHz_802.11_Head.da53:0

DUT: SM-A346MDSN, Type: Mobile Phone, Serial: R3CT904N0ZF

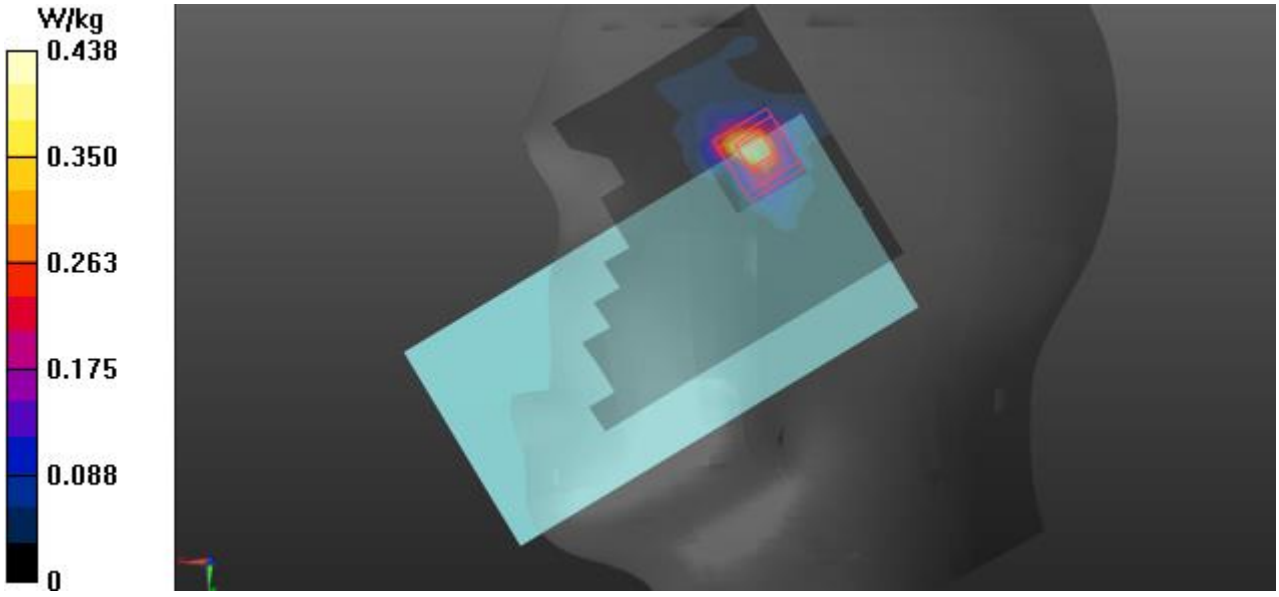
Communication System: UID 0, 5GWLAN (0); Frequency: 5775 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5775 MHz; σ = 5.222 S/m; ε_r = 34.712; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3697;ConvF(4.36, 4.36, 4.36) @ 5775 MHz; Calibrated: 2022-03-28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1587; Calibrated: 2022-07-20
- Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1724
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/802.11_ac_VHT80_MIMO_CH155_Right Cheek 0 mm/Area Scan (11x13x1):
Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.438 W/kg

Configuration/802.11_ac_VHT80_MIMO_CH155_Right Cheek 0 mm/Zoom Scan (8x8x7)/Cube 0:
Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 0 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 2.14 W/kg
SAR(1 g) = 0.165 W/kg; SAR(10 g) = 0.043 W/kg
Maximum value of SAR (measured) = 0.587 W/kg



31)

Date: 2023-01-03

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 4. Bluetooth_BDR_DH5_Head.da53:0

DUT: SM-A346MDSN, Type: Mobile Phone, Serial: R3CT904NARX

Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz; Duty Cycle: 1:1.30167
Medium parameters used (interpolated): f = 2441 MHz; σ = 1.849 S/m; ε_r = 39.377; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:

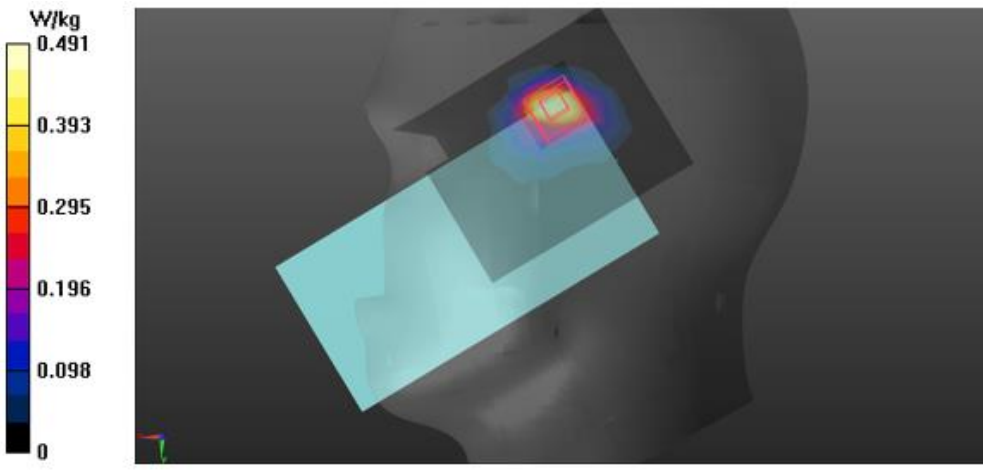
- Probe: EX3DV4 - SN3697;ConvF(7.14, 7.14, 7.14) @ 2441 MHz; Calibrated: 2022-03-28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1587; Calibrated: 2022-07-20
- Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1724
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/Bluetooth_BDR_DH5_CH39_Right Cheek 0 mm/Area Scan (8x10x1): Measurement grid: dx=12mm, dy=12mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.491 W/kg

Configuration/Bluetooth_BDR_DH5_CH39_Right Cheek 0 mm/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.372 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 0.896 W/kg
SAR(1 g) = 0.316 W/kg; SAR(10 g) = 0.130 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.654 W/kg



32)

Date: 2022-12-13

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 1.GSM 850_Body-Worn.da53:0

DUT: SM-A346MDSN, Type: Mobile Phone, Serial: 68559F4CEF337ECE

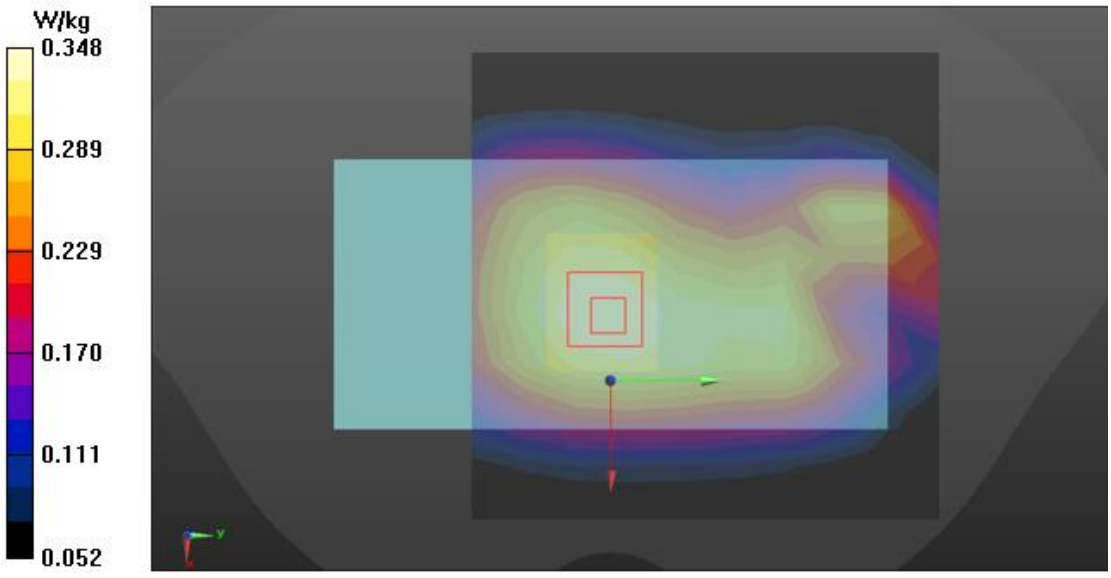
Communication System: UID 0, GSM850_2TX (0); Frequency: 836.6 MHz; Duty Cycle: 1:4.14954
Medium parameters used: f = 836.6 MHz; σ = 0.913 S/m; ε_r = 41.651; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3865;ConvF(9.88, 9.88, 9.88) @ 836.6 MHz; Calibrated: 2022-01-27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1567; Calibrated: 2022-03-24
- Phantom: Twin-SAM V4.0; Type: QD 000 P40 CC; Serial: 1728
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/GSM850_GPRS 2Tx_CH190_Rear_15 mm/Area Scan (10x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.349 W/kg

Configuration/GSM850_GPRS 2Tx_CH190_Rear_15 mm/Zoom Scan (6x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.36 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.383 W/kg
SAR(1 g) = 0.286 W/kg; SAR(10 g) = 0.217 W/kg
Maximum value of SAR (measured) = 0.348 W/kg



33)

Date: 12/19/2022

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 2. GSM 1900_Body.da53:0

DUT: SM-A346MDSN, Type: Mobile Phone, Serial: R3CTA0ARBEJ

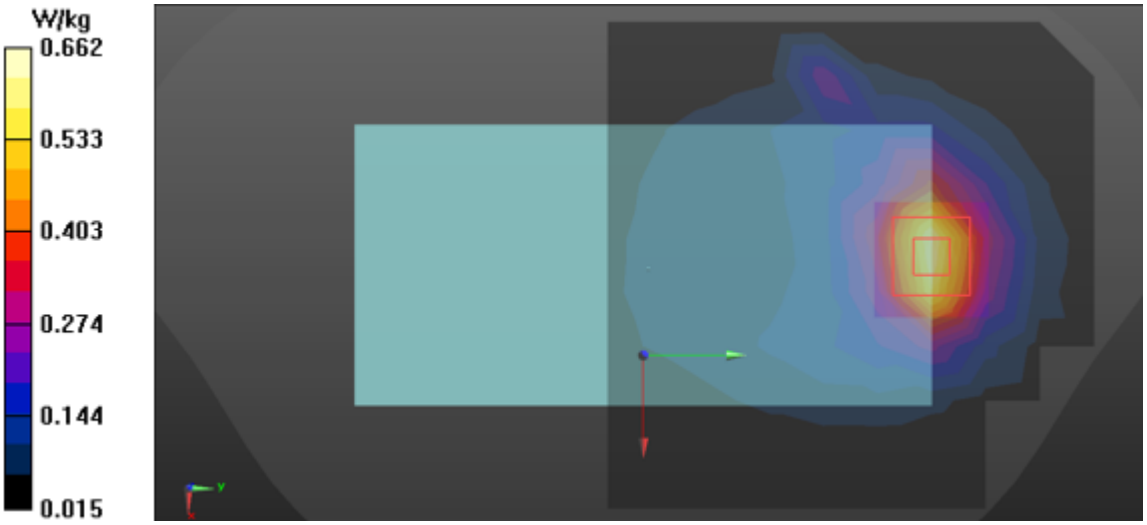
Communication System: UID 0, GSM 1900_2Tx (0); Frequency: 1880 MHz; Duty Cycle: 1:4.14954
Medium parameters used: f = 1880 MHz; σ = 1.399 S/m; ε_r = 39.926; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3928;ConvF(7.72, 7.72, 7.72) @ 1880 MHz; Calibrated: 3/3/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1342; Calibrated: 5/31/2022
- Phantom: Twin-SAM V8.0_Right; Type: QD 000 P41 Ax; Serial: 1984
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/GSM1900_GPRS 2Tx_CH661_Rear_15 mm/Area Scan (10x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.628 W/kg

Configuration/GSM1900_GPRS 2Tx_CH661_Rear_15 mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.259 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.772 W/kg
SAR(1 g) = 0.461 W/kg; SAR(10 g) = 0.268 W/kg
Maximum value of SAR (measured) = 0.662 W/kg



34)

Date: 12/19/2022

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 5. WCDMA_FDD II_Body.da53:0

DUT: SM-A346MDSN, Type: Mobile Phone, Serial: R3CTA0ARBEJ

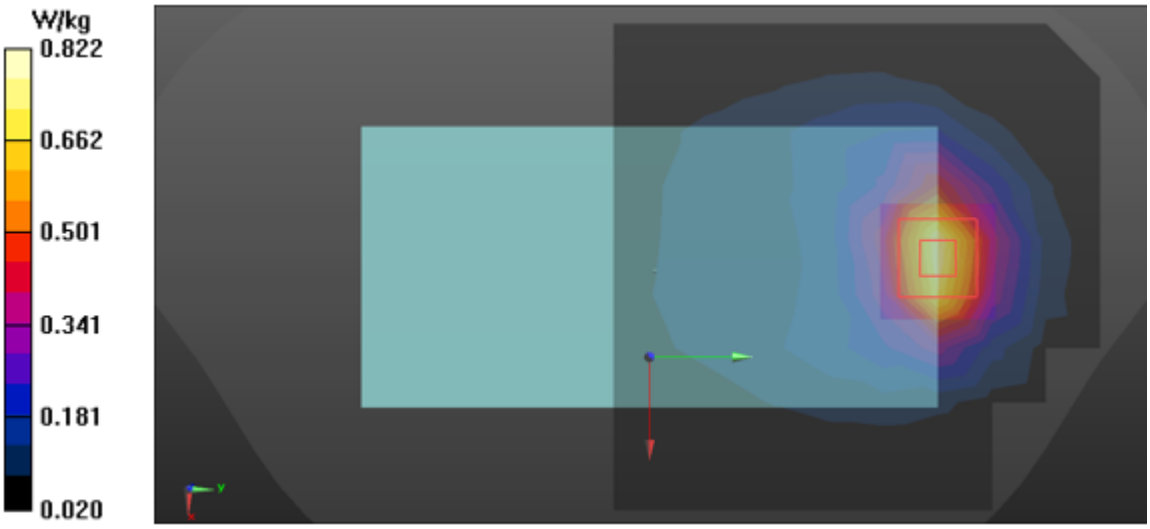
Communication System: UID 0, W-CDMA 1900 (Band 2) (0); Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.399 S/m; ε_r = 39.926; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3928;ConvF(7.72, 7.72, 7.72) @ 1880 MHz; Calibrated: 3/3/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1342; Calibrated: 5/31/2022
- Phantom: Twin-SAM V8.0_Right; Type: QD 000 P41 Ax; Serial: 1984
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/WCDMA_FDD II_CH9400_Rear_15 mm/Area Scan (10x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.775 W/kg

Configuration/WCDMA_FDD II_CH9400_Rear_15 mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.744 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 0.960 W/kg
SAR(1 g) = 0.573 W/kg; SAR(10 g) = 0.332 W/kg
Maximum value of SAR (measured) = 0.822 W/kg



35)

Date: 12/21/2022

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 2. WCDMA_FDD IV_Body.da53:0

DUT: SM-A346MDSN, Type: Mobile Phone, Serial: R3CTA0ARBEJ

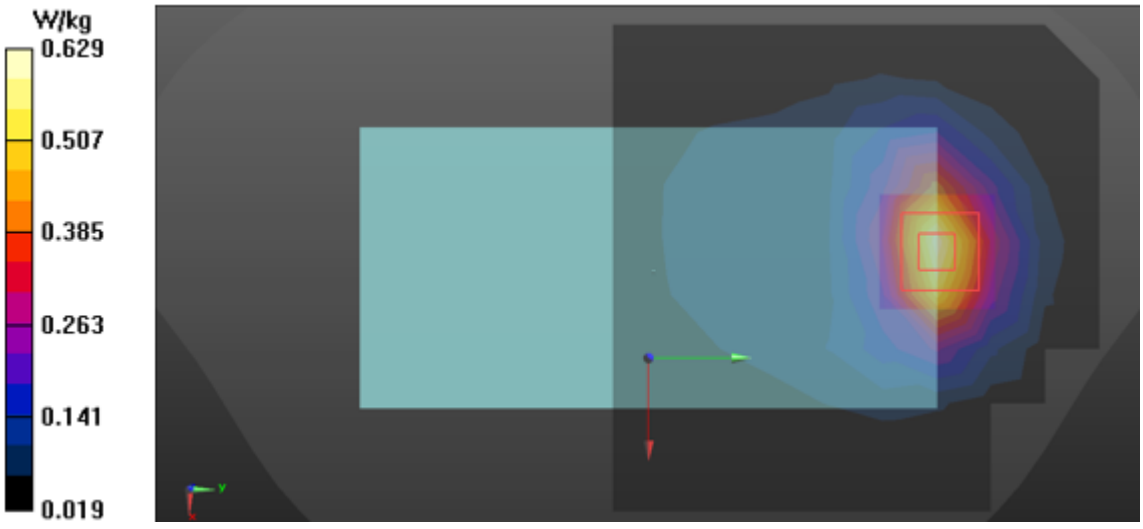
Communication System: UID 0, W-CDMA 1700 (Band 4) (0); Frequency: 1732.4 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1732.4 MHz; σ = 1.323 S/m; ε_r = 41.295; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3928;ConvF(8.01, 8.01, 8.01) @ 1732.4 MHz; Calibrated: 3/3/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1342; Calibrated: 5/31/2022
- Phantom: Twin-SAM V8.0_Right; Type: QD 000 P41 Ax; Serial: 1984
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/WCDMA_FDD IV_CH1412_Rear_15 mm/Area Scan (10x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.620 W/kg

Configuration/WCDMA_FDD IV_CH1412_Rear_15 mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.664 V/m; Power Drift = 0.19 dB
Peak SAR (extrapolated) = 0.721 W/kg
SAR(1 g) = 0.450 W/kg; SAR(10 g) = 0.267 W/kg
Maximum value of SAR (measured) = 0.629 W/kg



36)

Date: 2022-12-14

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 1. WCDMA Band V-Worn.da53:0

DUT: SM-A346MDSN, Type: Mobile Phone, Serial: 67EAC23D90337ECE

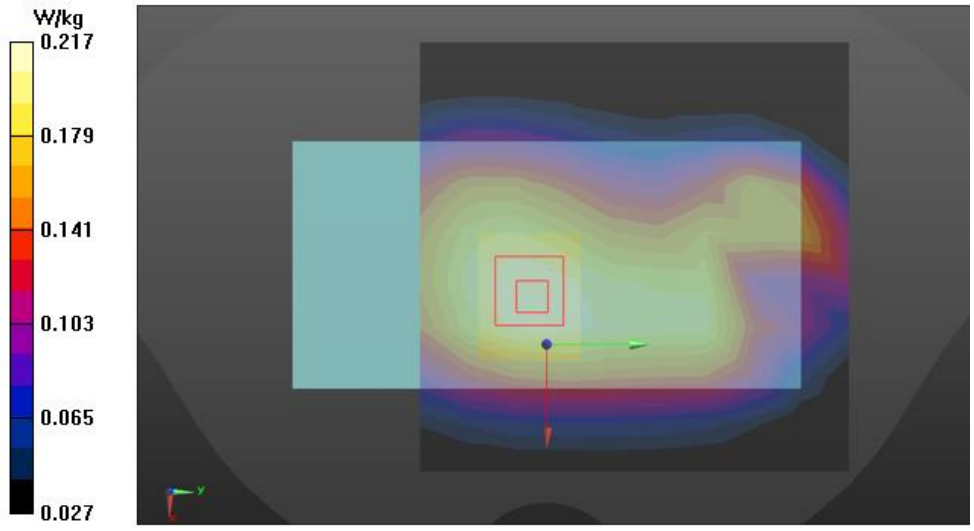
Communication System: UID 0, W-CDMA 850 (Band 5) (0); Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium parameters used: f = 836.6 MHz; σ = 0.919 S/m; ε_r = 41.652; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3865;ConvF(9.88, 9.88, 9.88) @ 836.6 MHz; Calibrated: 2022-01-27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1567; Calibrated: 2022-03-24
- Phantom: Twin-SAM V4.0; Type: QD 000 P40 CC; Serial: 1728
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/WCDMA V _CH4132_Rear_15 mm/Area Scan (10x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.213 W/kg

Configuration/WCDMA V _CH4132_Rear_15 mm/Zoom Scan (6x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.971 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 0.240 W/kg
SAR(1 g) = 0.177 W/kg; SAR(10 g) = 0.133 W/kg
Maximum value of SAR (measured) = 0.217 W/kg



37)

Date: 2022-12-08

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 1.LTE Band 2_QPSK_20 MHz_Body-Worn.da53:0

DUT: SM-A346MDSN, Type: Mobile Phone, Serial: R3CTA0ARBEJ

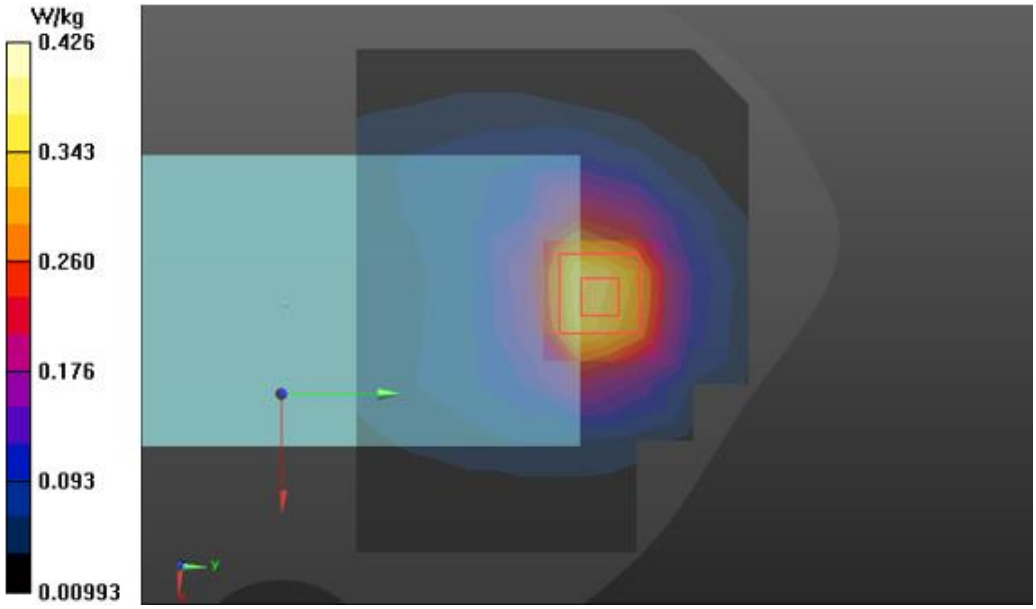
Communication System: UID 0, LTE Band 2 (0); Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.428 S/m; ε_r = 38.637; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3865;ConvF(8.43, 8.43, 8.43) @ 1880 MHz; Calibrated: 2022-01-27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1567; Calibrated: 2022-03-24
- Phantom: Twin-SAM V4.0; Type: QD 000 P40 CC; Serial: 1728
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/LTE Band 2_QPSK_20 MHz_1RB_49offset_CH18900_Rear_15 mm/Area Scan (10x8x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.380 W/kg

Configuration/LTE Band 2_QPSK_20 MHz_1RB_49offset_CH18900_Rear_15 mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.361 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.495 W/kg
SAR(1 g) = 0.304 W/kg; SAR(10 g) = 0.181 W/kg
Maximum value of SAR (measured) = 0.426 W/kg



38)

Date: 12/22/2022

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 2. LTE Band 2_Sub_QPSK_20 MHz_Body.da53:0

DUT: SM-A346MDSN, Type: Mobile Phone, Serial: R3CTA0ARECT

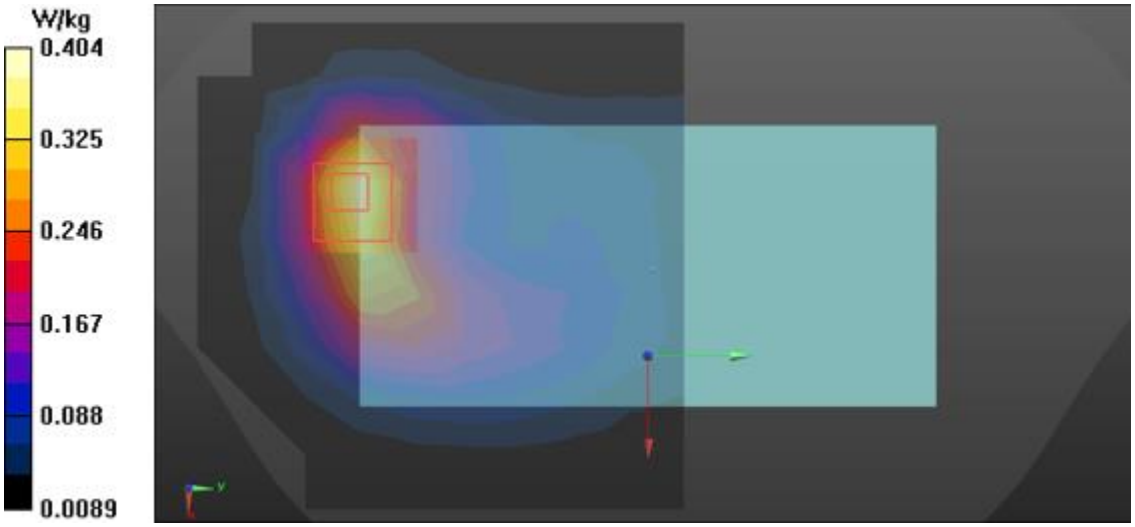
Communication System: UID 0, LTE Band 2 (0); Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.387 S/m; ε_r = 38.76; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3928;ConvF(7.72, 7.72, 7.72) @ 1880 MHz; Calibrated: 3/3/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1342; Calibrated: 5/31/2022
- Phantom: Twin-SAM V8.0_Right; Type: QD 000 P41 Ax; Serial: 1984
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/LTE Band 2_QPSK_20MHz_1RB_0offset_CH18900_Rear_15 mm/Area Scan (10x10x1):
Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.402 W/kg

Configuration/LTE Band 2_QPSK_20MHz_1RB_0offset_CH18900_Rear_15 mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.61 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.487 W/kg
SAR(1 g) = 0.281 W/kg; SAR(10 g) = 0.160 W/kg
Maximum value of SAR (measured) = 0.404 W/kg



39)

Date: 2022-12-15

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 2. LTE Band 4 Sub_QPSK_20MHz_Body.da53:0

DUT: SM-A346MDSN, Type: Mobile Phone, Serial: 67EAC23D90337ECE

Communication System: UID 0, LTE Band 4 (0); Frequency: 1732.5 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.359 S/m; ε_r = 39.564; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

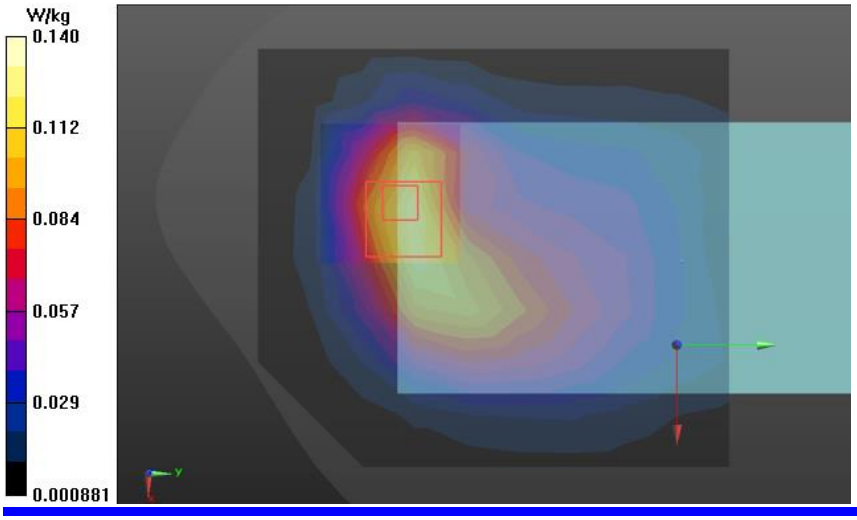
- Probe: EX3DV4 - SN3865;ConvF(8.83, 8.83, 8.83) @ 1732.5 MHz; Calibrated: 2022-01-27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1567; Calibrated: 2022-03-24
- Phantom: Twin-SAM V4.0; Type: QD 000 P40 CC; Serial: 1728
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/LTE Band 4_QPSK_20MHz_1RB 49Offset_CH20175_Rear_15 mm/Area Scan (9x10x1):
Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.128 W/kg

Configuration/LTE Band 4_QPSK_20MHz_1RB 49Offset_CH20175_Rear_15 mm/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.769 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 0.167 W/kg
SAR(1 g) = 0.096 W/kg; SAR(10 g) = 0.057 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.140 W/kg



40)

Date: 2022-12-12

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 1.LTE Band 5_QPSK_10 MHz_Body-Worn.da53:0

DUT: SM-A346MDSN, Type: Mobile Phone, Serial: 68559F4CE337ECE

Communication System: UID 0, LTE Band 5 (0); Frequency: 836.5 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 836.5 MHz; σ = 0.914 S/m; ε_r = 42.134; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

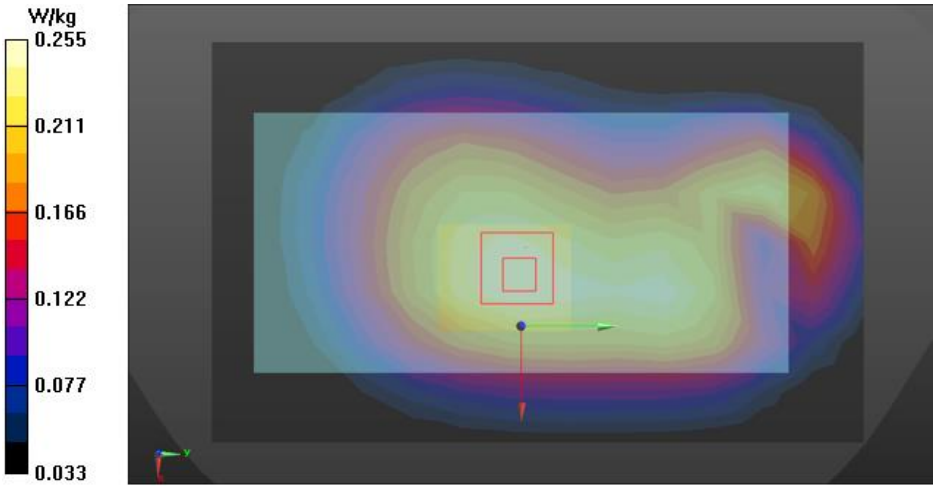
- Probe: EX3DV4 - SN3865;ConvF(9.88, 9.88, 9.88) @ 836.5 MHz; Calibrated: 2022-01-27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1567; Calibrated: 2022-03-24
- Phantom: Twin-SAM V4.0; Type: QD 000 P40 CC; Serial: 1728
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/LTE Band 5_QPSK_10 MHz_1RB_25offset_CH20525_Rear_15 mm 2/Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.253 W/kg

Configuration/LTE Band 5_QPSK_10 MHz_1RB_25offset_CH20525_Rear_15 mm 2/Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.86 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 0.280 W/kg
SAR(1 g) = 0.208 W/kg; SAR(10 g) = 0.157 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.255 W/kg



41)

Date: 2022-12-17

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 1.LTE Band 12_QPSK_10 MHz_Body-Worn.da53:0

DUT: SM-A346MDSN, Type: Mobile Phone, Serial: 68559F4CE337ECE

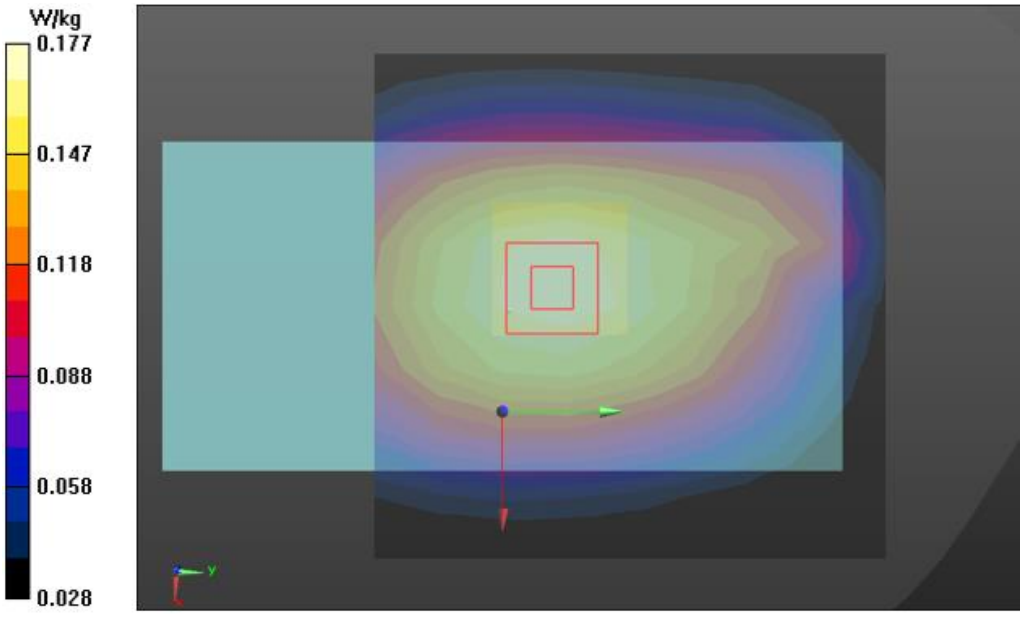
Communication System: UID 0, LTE Band 17 (0); Frequency: 710 MHz; Duty Cycle: 1:1
Medium parameters used: f = 710 MHz; σ = 0.868 S/m; ε_r = 43.993; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3865;ConvF(10.24, 10.24, 10.24) @ 710 MHz; Calibrated: 2022-01-27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1567; Calibrated: 2022-03-24
- Phantom: Twin-SAM V4.0; Type: QD 000 P40 CC; Serial: 1728
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/LTE Band 12_QPSK_10 MHz_1RB_25offset_CH23095_Rear_15 mm/Area Scan (9x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.173 W/kg

Configuration/LTE Band 12_QPSK_10 MHz_1RB_25offset_CH23095_Rear_15 mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.33 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.193 W/kg
SAR(1 g) = 0.147 W/kg; SAR(10 g) = 0.113 W/kg
Maximum value of SAR (measured) = 0.177 W/kg



42)

Date: 2022-12-06

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 2. LTE Band 13_QPSK_10MHz_Body_Worn.da53:0

DUT: SM-A346MDSN, Type: Mobile Phone, Serial: R3CTA01RBEJ

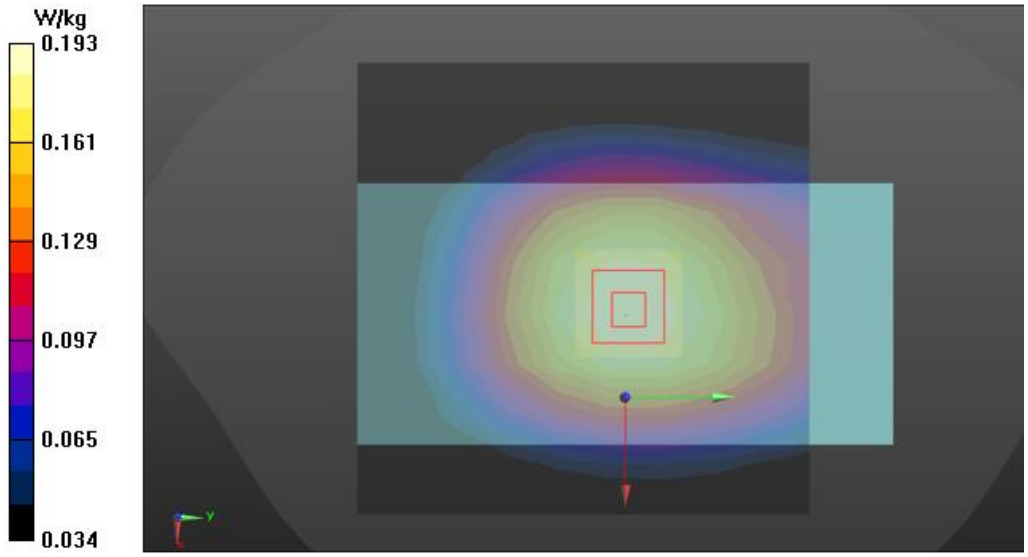
Communication System: UID 0, LTE Band 13 (0); Frequency: 782 MHz; Duty Cycle: 1:1
Medium parameters used: f = 782 MHz; σ = 0.913 S/m; ε_r = 42.541; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3865;ConvF(10.24, 10.24, 10.24) @ 782 MHz; Calibrated: 2022-01-27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1567; Calibrated: 2022-03-24
- Phantom: Twin-SAM V4.0; Type: QD 000 P40 CC; Serial: 1728
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/LTE Band 13_QPSK_10 MHz_1 RB_25Offset_CH23230_Rear_15 mm/Area Scan (10x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.192 W/kg

Configuration/LTE Band 13_QPSK_10 MHz_1 RB_25Offset_CH23230_Rear_15 mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.390 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 0.211 W/kg
SAR(1 g) = 0.161 W/kg; SAR(10 g) = 0.123 W/kg
Maximum value of SAR (measured) = 0.193 W/kg



43)

Date: 2022-12-07

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 2. LTE Band 26_QPSK_15MH_Body_Worn.da53:0

DUT: SM-A346MDSN, Type: Mobile Phone, Serial: R3CTA0ARBEJ

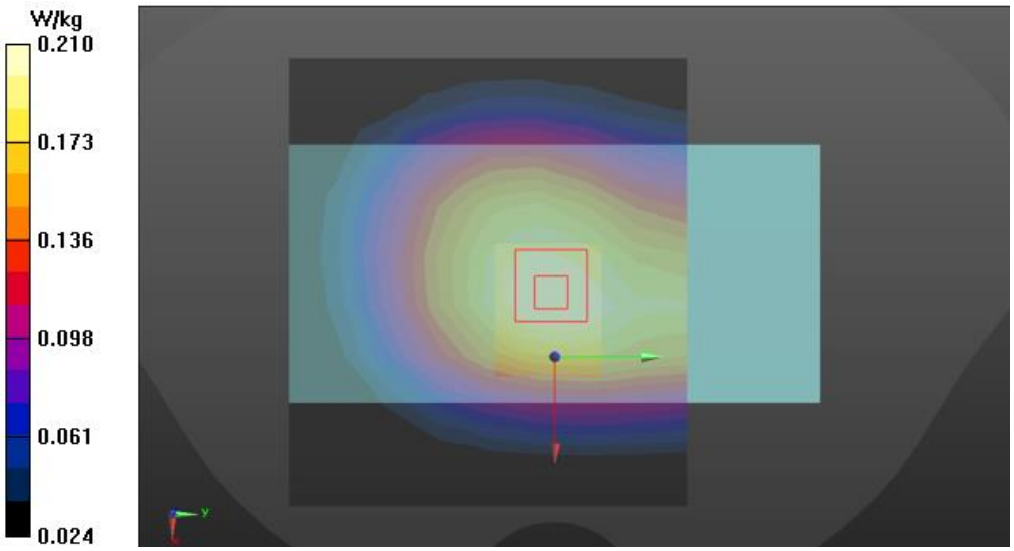
Communication System: UID 0, LTE Band 26 (0); Frequency: 831.5 MHz; Duty Cycle: 1:1
Medium parameters used: f = 831.5 MHz; σ = 0.887 S/m; ε_r = 40.974; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3865;ConvF(9.88, 9.88, 9.88) @ 831.5 MHz; Calibrated: 2022-01-27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1567; Calibrated: 2022-03-24
- Phantom: Twin-SAM V4.0; Type: QD 000 P40 CC; Serial: 1728
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/LTE Band 26_QPSK_15 MHz_1 RB_36Offset_CH26865_Rear_15 mm/Area Scan (10x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.209 W/kg

Configuration/LTE Band 26_QPSK_15 MHz_1 RB_36Offset_CH26865_Rear_15 mm/Zoom Scan (6x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.52 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.230 W/kg
SAR(1 g) = 0.172 W/kg; SAR(10 g) = 0.130 W/kg
Maximum value of SAR (measured) = 0.210 W/kg



44)

Date: 12/17/2022

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 2. LTE Band 41_QPSK_20 MHz_Body.da53:0

DUT: SM-A346MDSN, Type: Mobile Phone, Serial: R3CTA0ARBEJ

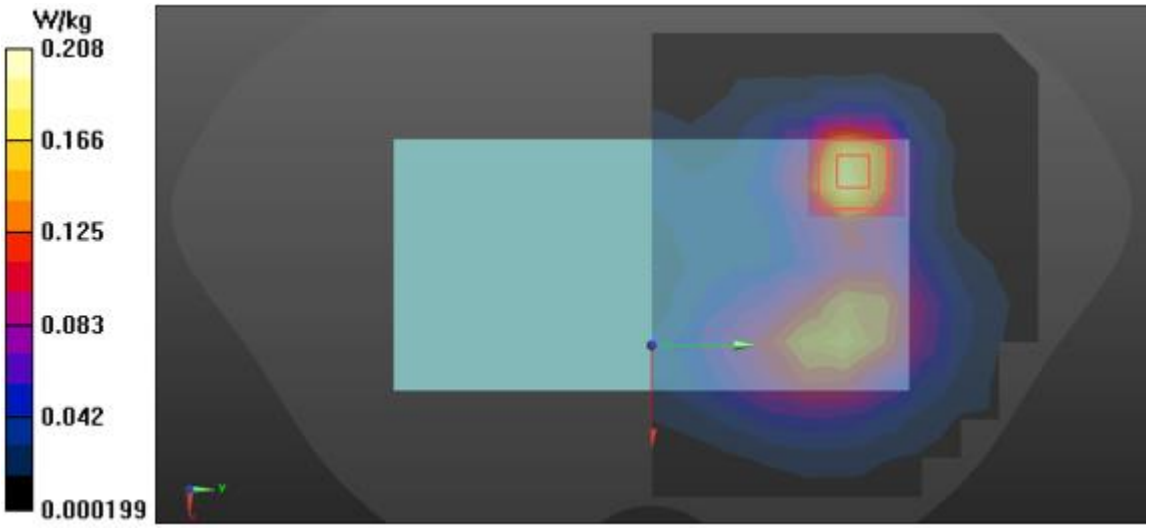
Communication System: UID 0, LTE Band 41 (0); Frequency: 2680 MHz; Duty Cycle: 1:1.58016
Medium parameters used: f = 2680 MHz; σ = 2.006 S/m; ε_r = 37.634; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3928;ConvF(7.17, 7.17, 7.17) @ 2680 MHz; Calibrated: 3/3/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1342; Calibrated: 5/31/2022
- Phantom: Twin-SAM V8.0_Right; Type: QD 000 P41 Ax; Serial: 1984
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/LTE Band 41_QPSK_20MHz_1RB_49offset_CH41490_Rear_15 mm/Area Scan (13x11x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.192 W/kg

Configuration/LTE Band 41_QPSK_20MHz_1RB_49offset_CH41490_Rear_15 mm/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.786 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.267 W/kg
SAR(1 g) = 0.127 W/kg; SAR(10 g) = 0.062 W/kg
Maximum value of SAR (measured) = 0.208 W/kg



45)

Date: 2022-12-09

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 2. LTE Band 66_QPSK_20MHz_Body.da53:0

DUT: SM-A346MDSN, Type: Mobile Phone, Serial: R3CTA0ARBEJ

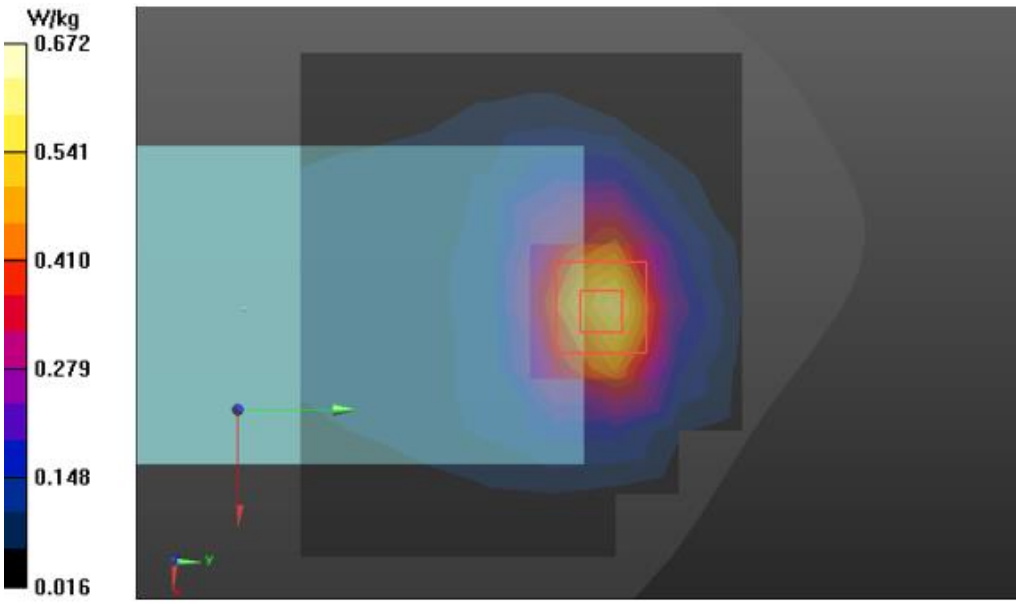
Communication System: UID 0, LTE Band 66 (0); Frequency: 1720 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1720 MHz; σ = 1.367 S/m; ε_r = 39.247; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3865;ConvF(8.83, 8.83, 8.83) @ 1720 MHz; Calibrated: 2022-01-27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1567; Calibrated: 2022-03-24
- Phantom: Twin-SAM V4.0; Type: QD 000 P40 CC; Serial: 1728
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/LTE Band 66_QPSK_20MHz_1RB 49Offset_CH13072_Rear_15 mm/Area Scan (9x8x1):
Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.626 W/kg

Configuration/LTE Band 66_QPSK_20MHz_1RB 49Offset_CH13072_Rear_15 mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.498 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.787 W/kg
SAR(1 g) = 0.468 W/kg; SAR(10 g) = 0.271 W/kg
Maximum value of SAR (measured) = 0.672 W/kg



46)

Date: 12/24/2022

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 2. LTE Band 66_Sub_QPSK_20 MHz_Body.da53:0

DUT: SM-A346MDSN, Type: Mobile Phone, Serial: R3CTA0ARBEJ

Communication System: UID 0, LTE Band 66 (0); Frequency: 1745 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1745 MHz; σ = 1.375 S/m; ε_r = 38.807; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

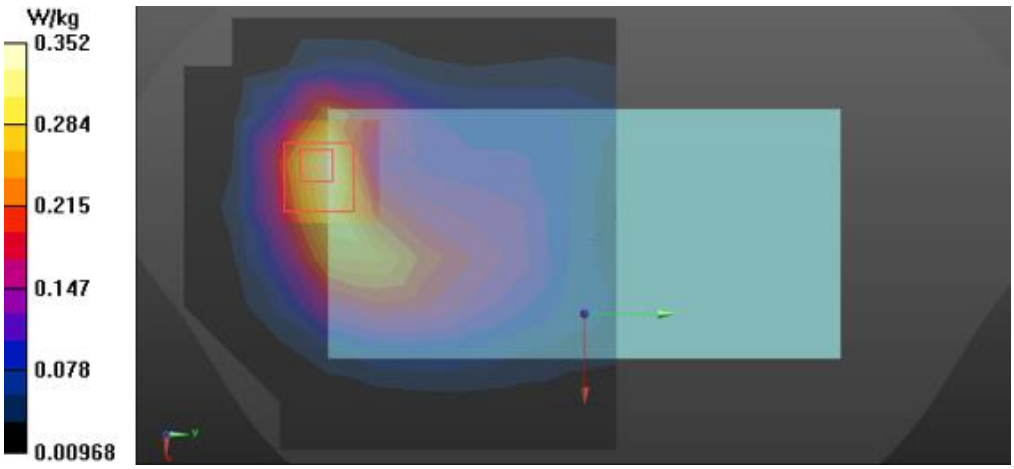
- Probe: EX3DV4 - SN3928;ConvF(8.01, 8.01, 8.01) @ 1745 MHz; Calibrated: 3/3/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1342; Calibrated: 5/31/2022
- Phantom: Twin-SAM V8.0_Right; Type: QD 000 P41 Ax; Serial: 1984
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/LTE Band 66_QPSK_20MHz_1RB_49offset_CH132322_Rear_15 mm/Area Scan (10x10x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.344 W/kg

Configuration/LTE Band 66_QPSK_20MHz_1RB_49offset_CH132322_Rear_15 mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.92 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.442 W/kg
SAR(1 g) = 0.254 W/kg; SAR(10 g) = 0.146 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.352 W/kg



47)

Date: 12/16/2022

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 2. 5G NR n5_Body.da53:0

DUT: SM-A346MDSN, Type: Mobile Phone, Serial: R3CTA0ARECT

Communication System: UID 0, 5G Sub6 n5 (0); Frequency: 836.5 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 836.5 MHz; σ = 0.889 S/m; ε_r = 41.338; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

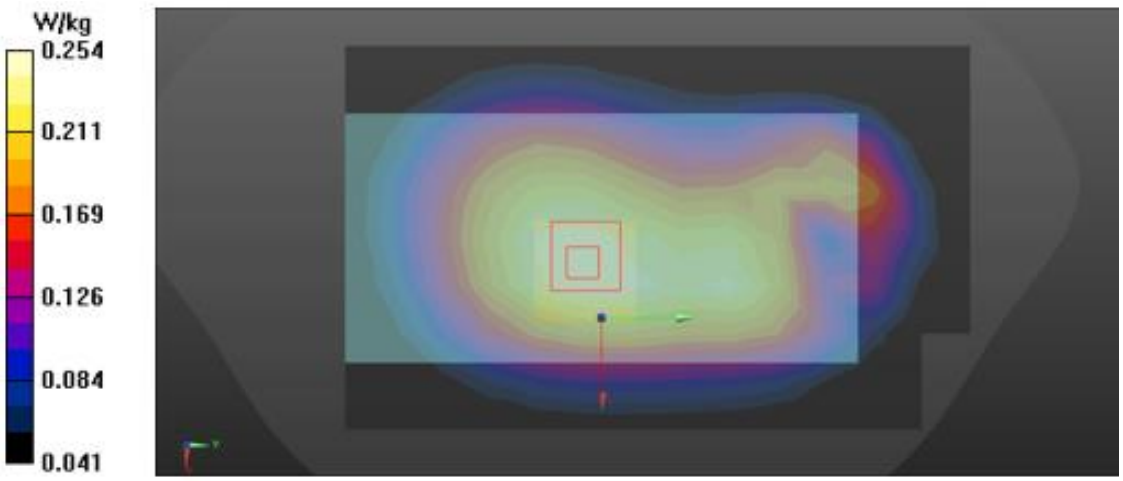
- Probe: EX3DV4 - SN7540;ConvF(9.73, 9.73, 9.73) @ 836.5 MHz; Calibrated: 4/29/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn666; Calibrated: 1/26/2022
- Phantom: Twin-SAM V8.0; Type: QD 000 P41 AA; Serial: 1975
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/5G NR n5 DFT-S-OFDM_QPSK_SCS 15kHz_20MHz 1RB 53offset_CH167300_Rear_15 mm/Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.251 W/kg

Configuration/5G NR n5 DFT-S-OFDM_QPSK_SCS 15kHz_20MHz 1RB 53offset_CH167300_Rear_15 mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.60 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 0.276 W/kg
SAR(1 g) = 0.211 W/kg; SAR(10 g) = 0.163 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.254 W/kg



48)

Date: 12/17/2022

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 2. 5G NR n66_Body.da53:0

DUT: SM-A346MDSN, Type: Mobile Phone, Serial: R3CTA0ARECT

Communication System: UID 0, 5G sub6 n66 (0); Frequency: 1745 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1745 MHz; σ = 1.315 S/m; ε_r = 39.022; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

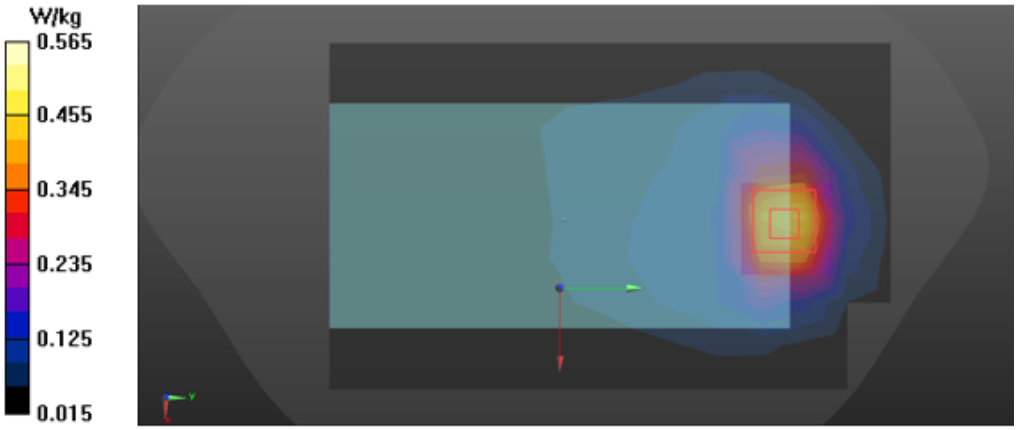
- Probe: EX3DV4 - SN7540;ConvF(8.62, 8.62, 8.62) @ 1745 MHz; Calibrated: 4/29/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn666; Calibrated: 1/26/2022
- Phantom: Twin-SAM V8.0; Type: QD 000 P41 AA; Serial: 1975
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/5G NR n66 DFT-S-OFDM_QPSK_SCS 15kHz_40MHz 108RB 54offset_CH349000_Rear_15 mm/Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.470 W/kg

Configuration/5G NR n66 DFT-S-OFDM_QPSK_SCS 15kHz_40MHz 108RB 54offset_CH349000_Rear_15 mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.990 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.656 W/kg
SAR(1 g) = 0.400 W/kg; SAR(10 g) = 0.235 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.565 W/kg



49)

Date: 12/17/2022

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 2. 5G NR n66_Sub Ant_Body.da53:0

DUT: SM-A346MDSN, Type: Mobile Phone, Serial: R3CTA0ARECT

Communication System: UID 0, 5G sub6 n66 (0); Frequency: 1745 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1745 MHz; σ = 1.315 S/m; ε_r = 39.022; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

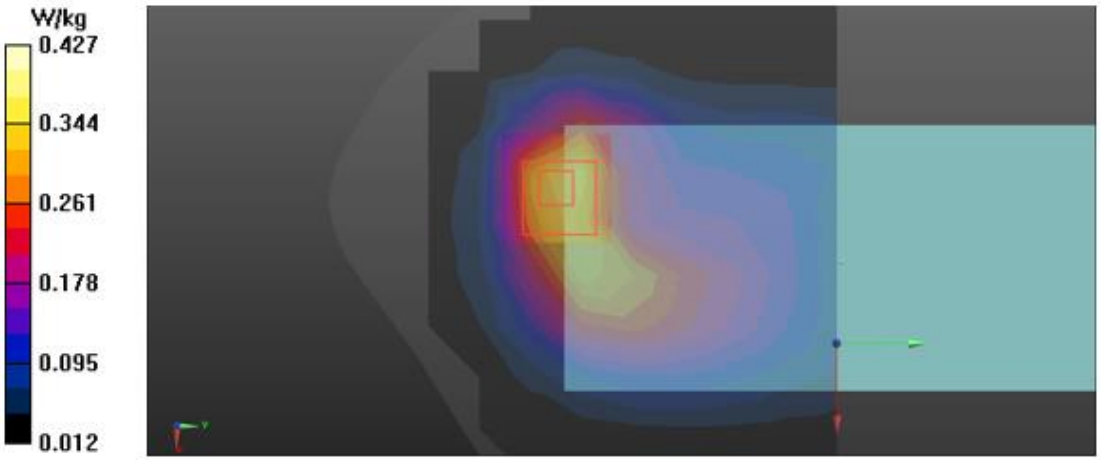
- Probe: EX3DV4 - SN7540;ConvF(8.62, 8.62, 8.62) @ 1745 MHz; Calibrated: 4/29/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn666; Calibrated: 1/26/2022
- Phantom: Twin-SAM V8.0; Type: QD 000 P41 AA; Serial: 1975
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/5G NR n66 DFT-S-OFDM_QPSK_SCS 15kHz_20MHz 50RB 28offset_CH349000_Rear_15 mm/Area Scan (11x9x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.359 W/kg

Configuration/5G NR n66 DFT-S-OFDM_QPSK_SCS 15kHz_20MHz 50RB 28offset_CH349000_Rear_15 mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.865 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.497 W/kg
SAR(1 g) = 0.294 W/kg; SAR(10 g) = 0.172 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.427 W/kg



50)

Date: 2022-12-13

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 2. 2.4GHz_802.11_b_Body.da53:0

DUT: SM-A346MDSN, Type: Mobile Phone, Serial: R3CT904NARX

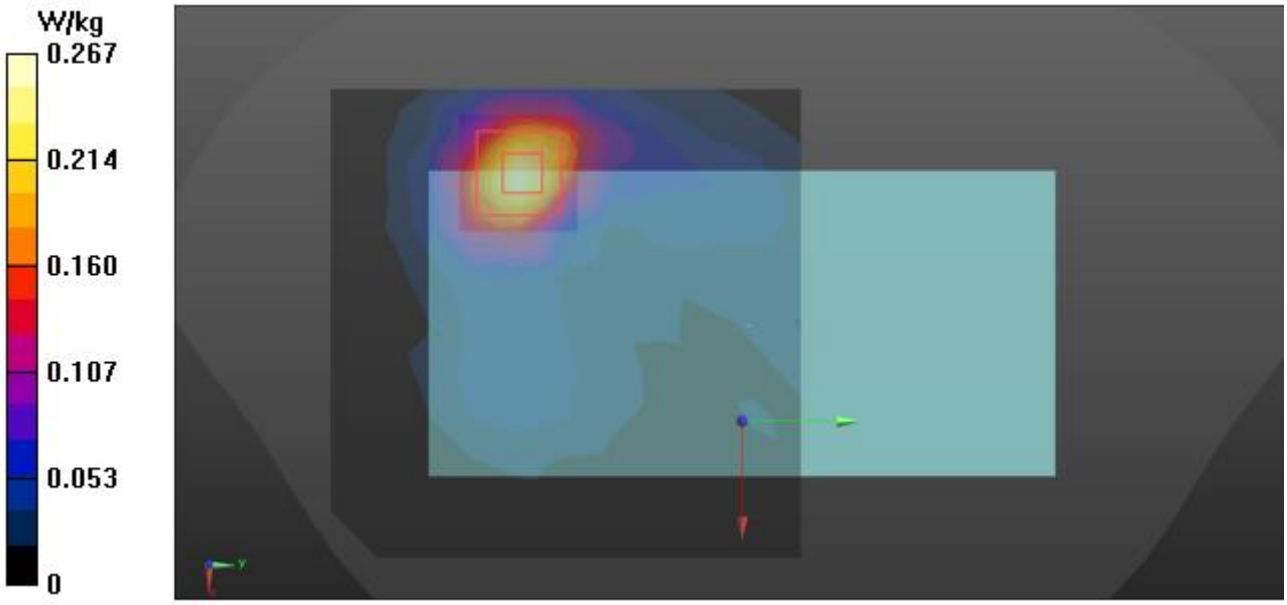
Communication System: UID 0, 2.4GWLAN (0); Frequency: 2412 MHz; Duty Cycle: 1:1
Medium parameters used: f = 2412 MHz; σ = 1.821 S/m; ε_r = 37.771; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3697;ConvF(7.14, 7.14, 7.14) @ 2412 MHz; Calibrated: 2022-03-28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1587; Calibrated: 2022-07-20
- Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1724
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/802.11_b_Wi-Fi1_CH1_Rear_15 mm/Area Scan (11x11x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.267 W/kg

Configuration/802.11_b_Wi-Fi1_CH1_Rear_15 mm/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.786 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.343 W/kg
SAR(1 g) = 0.168 W/kg; SAR(10 g) = 0.084 W/kg
Maximum value of SAR (measured) = 0.272 W/kg



51)

Date: 2022-12-13

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 2. 2.4GHz_802.11_b_Body.da53:0

DUT: SM-A346MDSN, Type: Mobile Phone, Serial: R3CT904NARX

Communication System: UID 0, 2.4GWLAN (0); Frequency: 2437 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.843 S/m; ε_r = 37.707; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

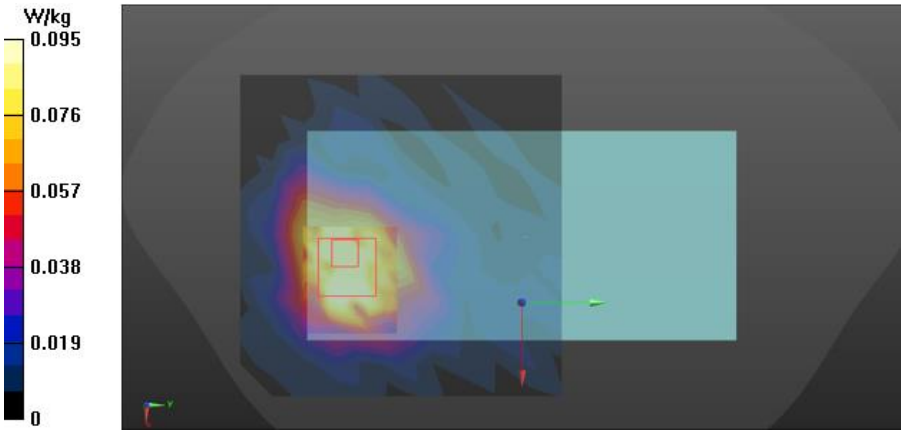
- Probe: EX3DV4 - SN3697;ConvF(7.14, 7.14, 7.14) @ 2437 MHz; Calibrated: 2022-03-28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1587; Calibrated: 2022-07-20
- Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1724
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/802.11_b_Wi-Fi2_CH6_Rear_15 mm/Area Scan (11x11x1): Measurement grid: dx=12mm, dy=12mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0953 W/kg

Configuration/802.11_b_Wi-Fi2_CH6_Rear_15 mm/Zoom Scan (9x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.073 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.174 W/kg
SAR(1 g) = 0.066 W/kg; SAR(10 g) = 0.037 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.117 W/kg



52)

Date: 2022-12-13

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 2. 2.4GHz_802.11_b_Body.da53:0

DUT: SM-A346MDSN, Type: Mobile Phone, Serial: R3CT904NARX

Communication System: UID 0, 2.4GWLAN (0); Frequency: 2437 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.843 S/m; ε_r = 37.707; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

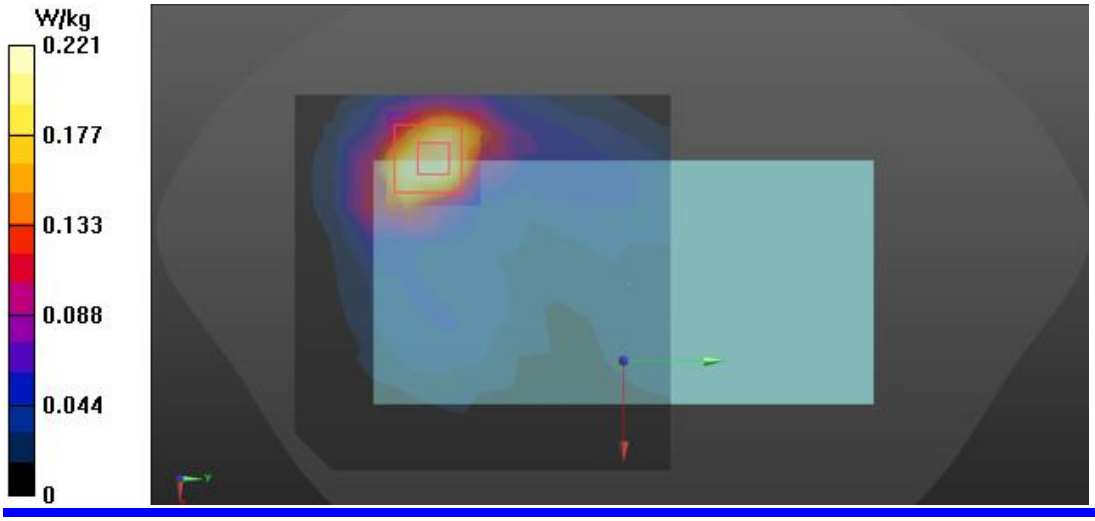
- Probe: EX3DV4 - SN3697;ConvF(7.14, 7.14, 7.14) @ 2437 MHz; Calibrated: 2022-03-28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1587; Calibrated: 2022-07-20
- Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1724
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/802.11_b_MIMO_CH6_Rear_15 mm/Area Scan (11x11x1): Measurement grid: dx=12mm, dy=12mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.221 W/kg

Configuration/802.11_b_MIMO_CH6_Rear_15 mm/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.292 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.308 W/kg
SAR(1 g) = 0.155 W/kg; SAR(10 g) = 0.079 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.246 W/kg



53)

Date: 2022-12-15

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 2. 5.3 GHz_802.11_Body.da53:0

DUT: SM-A346MDSN, Type: Mobile Phone, Serial: R3CT904N0ZF

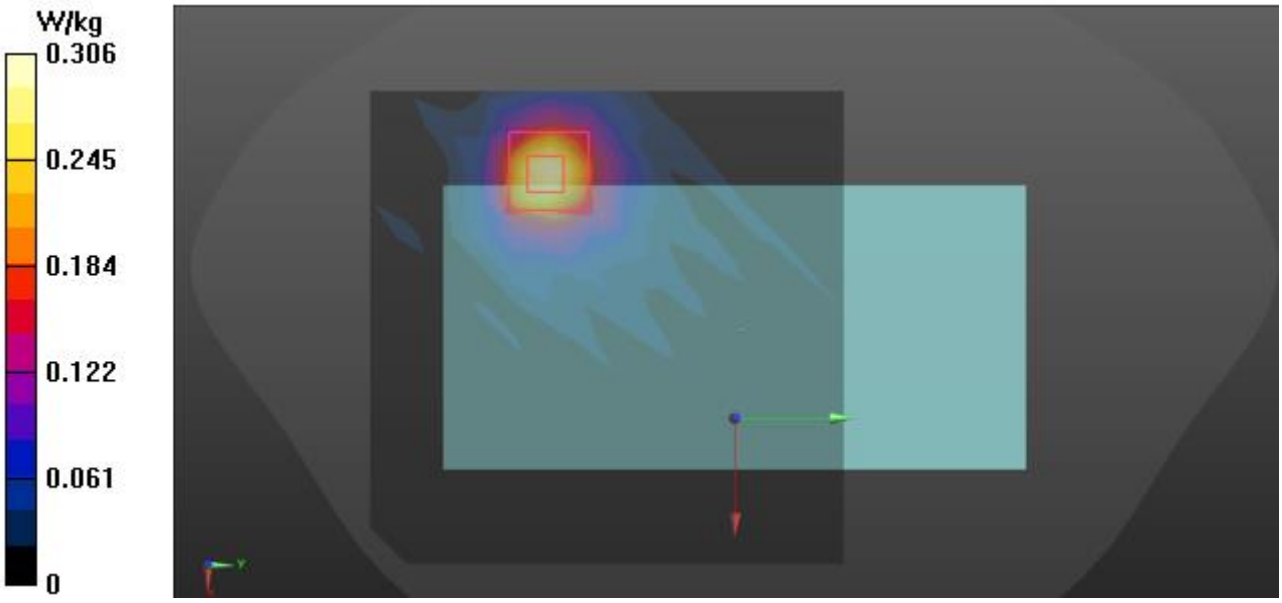
Communication System: UID 0, 5GWLAN (0); Frequency: 5320 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5320 MHz; σ = 4.818 S/m; ε_r = 34.958; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3697;ConvF(4.7, 4.7, 4.7) @ 5320 MHz; Calibrated: 2022-03-28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1587; Calibrated: 2022-07-20
- Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1724
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/802.11_a_Wi-fi1_CH64_Rear_15 mm/Area Scan (14x14x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.306 W/kg

Configuration/802.11_a_Wi-fi1_CH64_Rear_15 mm/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 2.739 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.559 W/kg
SAR(1 g) = 0.133 W/kg; SAR(10 g) = 0.048 W/kg
Maximum value of SAR (measured) = 0.322 W/kg



54)

Date: 2022-12-15

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 2. 5.3 GHz_802.11_Body.da53:0

DUT: SM-A346MDSN, Type: Mobile Phone, Serial: R3CT904N0ZF

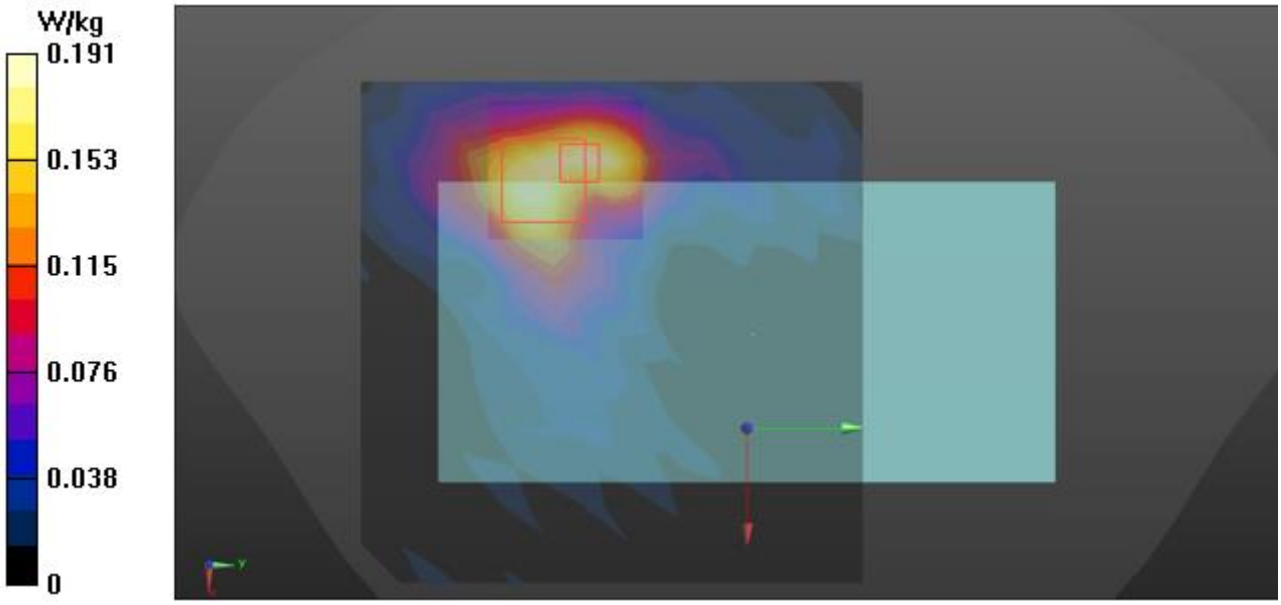
Communication System: UID 0, 5GWLAN (0); Frequency: 5320 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5320 MHz; σ = 4.818 S/m; ε_r = 34.958; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3697;ConvF(4.7, 4.7, 4.7) @ 5320 MHz; Calibrated: 2022-03-28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1587; Calibrated: 2022-07-20
- Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1724
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/802.11_a_Wi-fi2_CH64_Rear_15 mm/Area Scan (14x14x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.191 W/kg

Configuration/802.11_a_Wi-fi2_CH64_Rear_15 mm/Zoom Scan (10x11x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 3.894 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 0.358 W/kg
SAR(1 g) = 0.083 W/kg; SAR(10 g) = 0.034 W/kg
Maximum value of SAR (measured) = 0.196 W/kg



55)

Date: 2022-12-15

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 2. 5.3 GHz_802.11_Body.da53:0

DUT: SM-A346MDSN, Type: Mobile Phone, Serial: R3CT904N0ZF

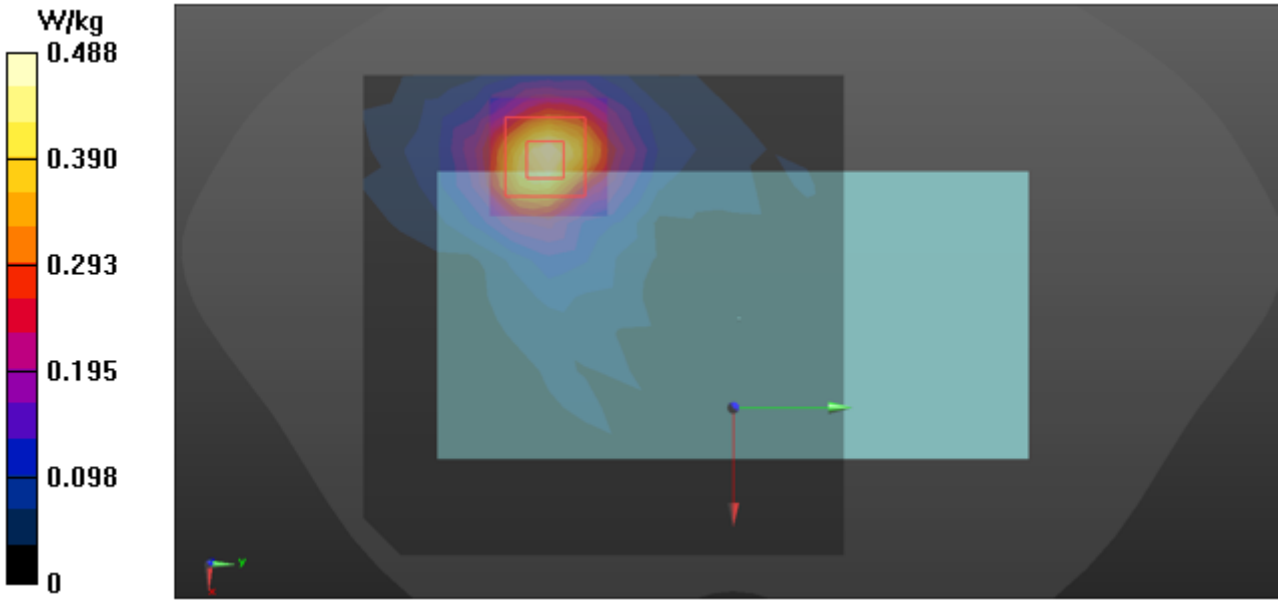
Communication System: UID 0, 5GWLAN (0); Frequency: 5320 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5320 MHz; σ = 4.818 S/m; ε_r = 34.958; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3697;ConvF(4.7, 4.7, 4.7) @ 5320 MHz; Calibrated: 2022-03-28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1587; Calibrated: 2022-07-20
- Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1724
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/802.11_a_MIMO_CH64_Rear_15 mm/Area Scan (14x14x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.488 W/kg

Configuration/802.11_a_MIMO_CH64_Rear_15 mm/Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 4.615 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.865 W/kg
SAR(1 g) = 0.218 W/kg; SAR(10 g) = 0.084 W/kg
Maximum value of SAR (measured) = 0.494 W/kg



56)

Date: 2022-12-21

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 2. 5.6 GHz_802.11_Body.da53:0

DUT: SM-A346MDSN, Type: Mobile Phone, Serial: R3CT904N0ZF

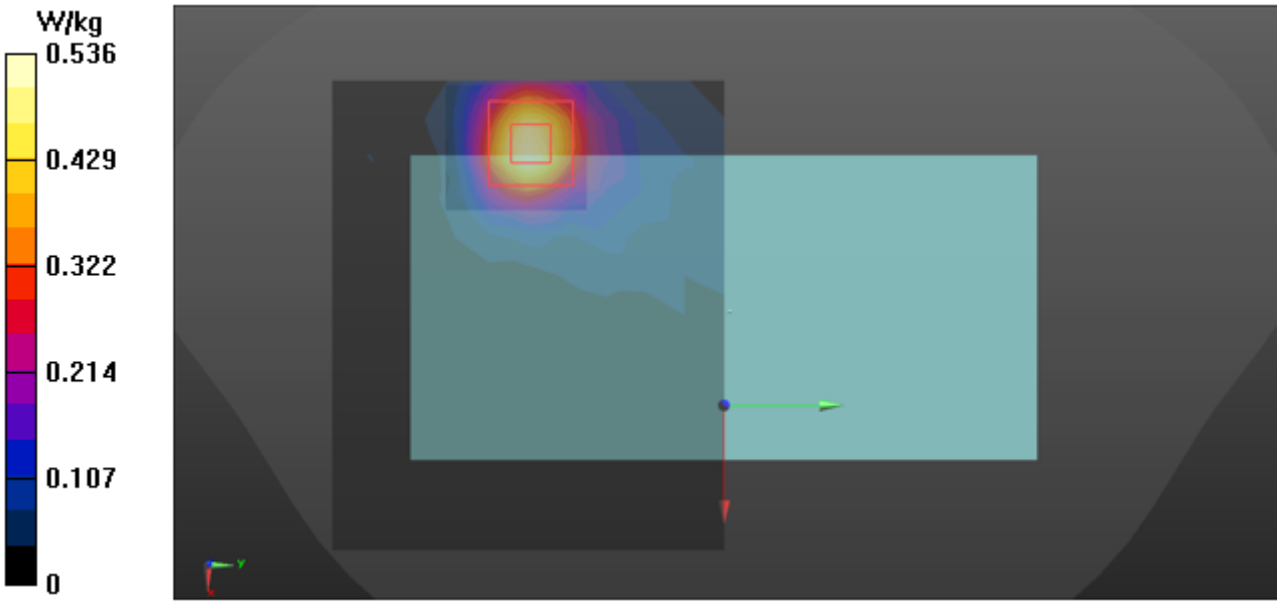
Communication System: UID 0, 5GWLAN (0); Frequency: 5500 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5500 MHz; σ = 5.021 S/m; ε_r = 34.987; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3697;ConvF(4.39, 4.39, 4.39) @ 5500 MHz; Calibrated: 2022-03-28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1587; Calibrated: 2022-07-20
- Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1724
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/802.11_a_Wi-Fi1_CH100_Rear_15 mm/Area Scan (13x11x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.536 W/kg

Configuration/802.11_a_Wi-Fi1_CH100_Rear_15 mm/Zoom Scan (9x10x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 3.932 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 0.967 W/kg
SAR(1 g) = 0.240 W/kg; SAR(10 g) = 0.087 W/kg
Maximum value of SAR (measured) = 0.580 W/kg



57)

Date: 2022-12-21

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 2. 5.6 GHz_802.11_Body.da53:0

DUT: SM-A346MDSN, Type: Mobile Phone, Serial: R3CT904N0ZF

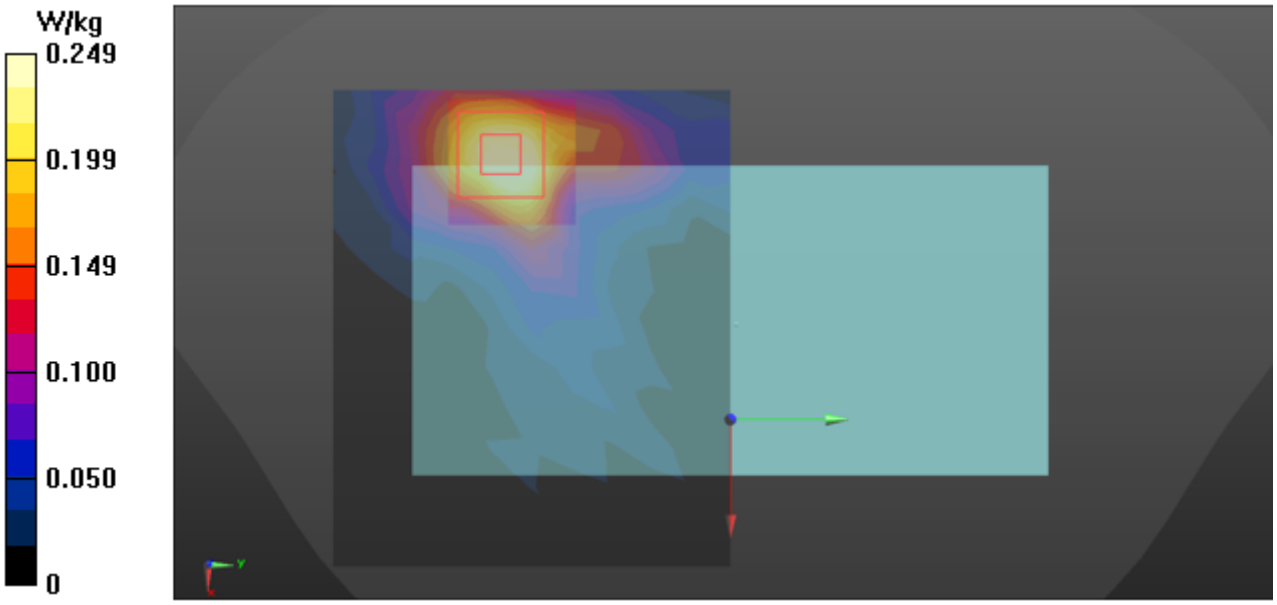
Communication System: UID 0, 5GWLAN (0); Frequency: 5500 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5500 MHz; σ = 5.021 S/m; ε_r = 34.987; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3697;ConvF(4.39, 4.39, 4.39) @ 5500 MHz; Calibrated: 2022-03-28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1587; Calibrated: 2022-07-20
- Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1724
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/802.11_a_Wi-Fi2_CH100_Rear_15 mm/Area Scan (13x11x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.249 W/kg

Configuration/802.11_a_Wi-Fi2_CH100_Rear_15 mm/Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 4.196 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.494 W/kg
SAR(1 g) = 0.110 W/kg; SAR(10 g) = 0.044 W/kg
Maximum value of SAR (measured) = 0.270 W/kg



58)

Date: 2022-12-21

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 2. 5.6 GHz_802.11_Body.da53:0

DUT: SM-A346MDSN, Type: Mobile Phone, Serial: R3CT904N0ZF

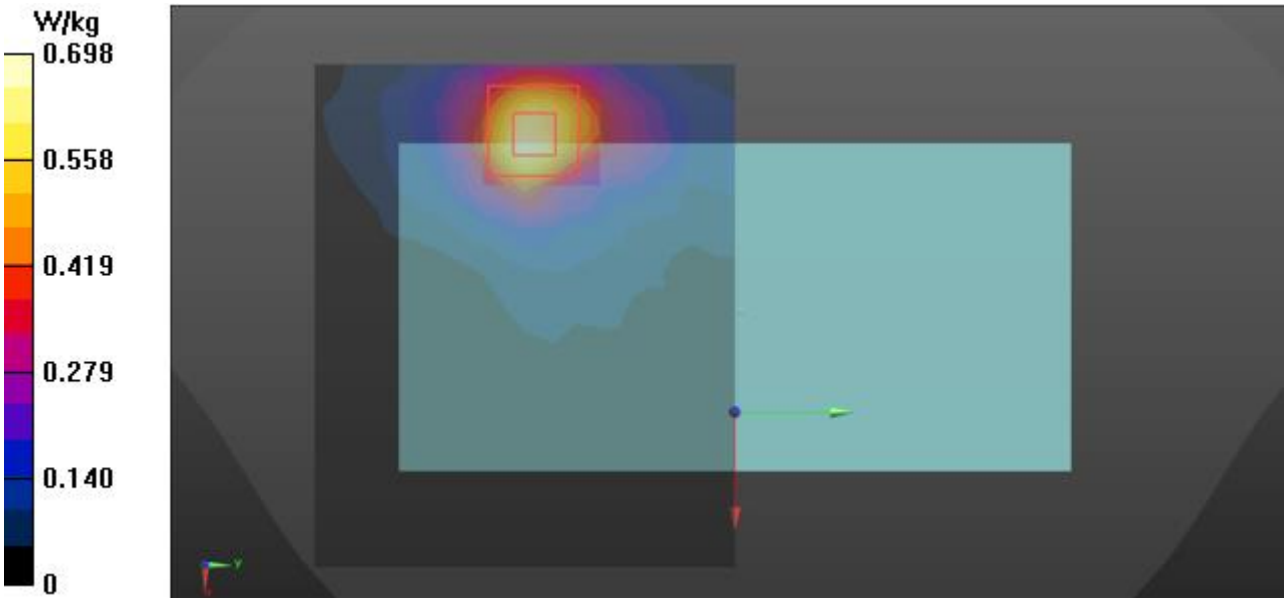
Communication System: UID 0, 5GWLAN (0); Frequency: 5500 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5500 MHz; σ = 5.021 S/m; ε_r = 34.987; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3697;ConvF(4.39, 4.39, 4.39) @ 5500 MHz; Calibrated: 2022-03-28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1587; Calibrated: 2022-07-20
- Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1724
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/802.11_a_MIMO_CH100_Rear_15 mm/Area Scan (13x11x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.698 W/kg

Configuration/802.11_a_MIMO_CH100_Rear_15 mm/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 4.810 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 1.29 W/kg
SAR(1 g) = 0.308 W/kg; SAR(10 g) = 0.118 W/kg
Maximum value of SAR (measured) = 0.728 W/kg



59)

Date: 2022-12-19

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 2. 5.8 GHz_802.11_Body.da53:0

DUT: SM-A346MDSN, Type: Mobile Phone, Serial: R3CT904N0ZF

Communication System: UID 0, 5GWLAN (0); Frequency: 5785 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 5785 MHz; σ = 5.236 S/m; ε_r = 34.694; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

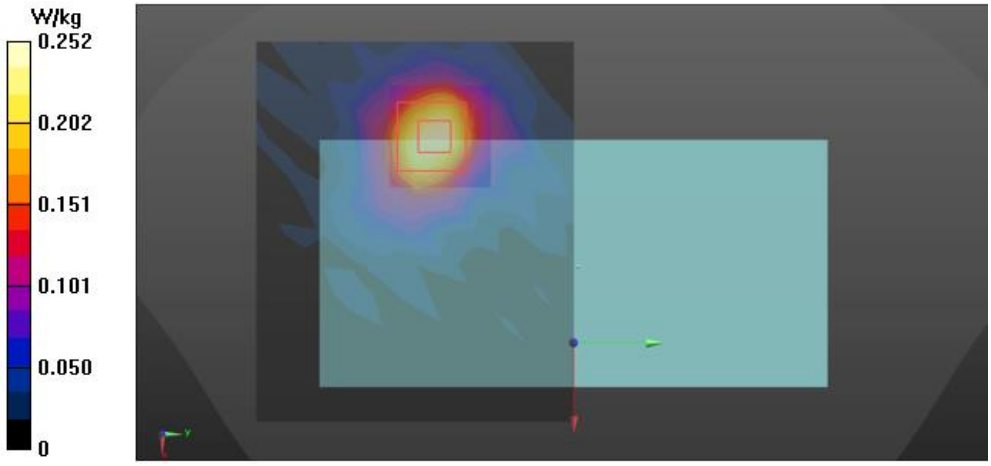
- Probe: EX3DV4 - SN3697;ConvF(4.36, 4.36, 4.36) @ 5785 MHz; Calibrated: 2022-03-28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1587; Calibrated: 2022-07-20
- Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1724
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/802.11_a_Wi-Fi1_CH157_Rear_15 mm/Area Scan (13x11x1): Measurement grid: dx=10mm, dy=10mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.252 W/kg

Configuration/802.11_a_Wi-Fi1_CH157_Rear_15 mm/Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 3.179 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.458 W/kg
SAR(1 g) = 0.103 W/kg; SAR(10 g) = 0.039 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.261 W/kg



60)

Date: 2022-12-19

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 2. 5.8 GHz_802.11_Body.da53:0

DUT: SM-A346MDSN, Type: Mobile Phone, Serial: R3CT904N0ZF

Communication System: UID 0, 5GWLAN (0); Frequency: 5745 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 5745 MHz; σ = 5.19 S/m; ε_r = 34.827; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

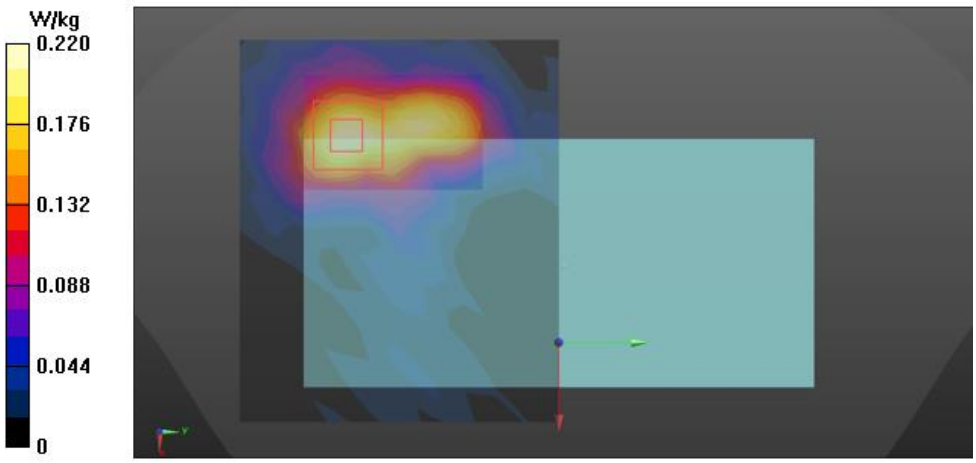
- Probe: EX3DV4 - SN3697;ConvF(4.36, 4.36, 4.36) @ 5745 MHz; Calibrated: 2022-03-28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1587; Calibrated: 2022-07-20
- Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1724
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/802.11_a_Wi-Fi2_CH149_Rear_15 mm/Area Scan (13x11x1): Measurement grid: dx=10mm, dy=10mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.220 W/kg

Configuration/802.11_a_Wi-Fi2_CH149_Rear_15 mm/Zoom Scan (10x15x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 3.176 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.573 W/kg
SAR(1 g) = 0.092 W/kg; SAR(10 g) = 0.036 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.227 W/kg



61)

Date: 2022-12-19

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 2. 5.8 GHz_802.11_Body.da53:0

DUT: SM-A346MDSN, Type: Mobile Phone, Serial: R3CT904N0ZF

Communication System: UID 0, 5GWLAN (0); Frequency: 5745 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 5745 MHz; σ = 5.19 S/m; ε_r = 34.827; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

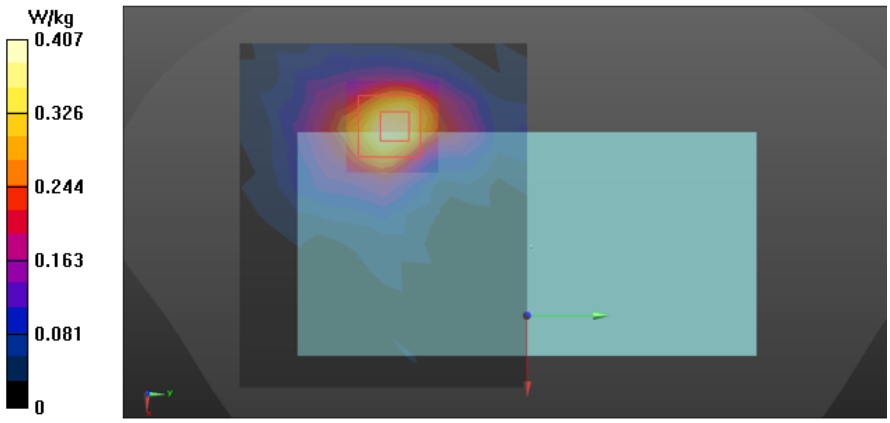
- Probe: EX3DV4 - SN3697;ConvF(4.36, 4.36, 4.36) @ 5745 MHz; Calibrated: 2022-03-28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1587; Calibrated: 2022-07-20
- Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1724
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/802.11_a_MIMO_CH149_Rear_15 mm/Area Scan (13x11x1): Measurement grid: dx=10mm, dy=10mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.407 W/kg

Configuration/802.11_a_MIMO_CH149_Rear_15 mm/Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 3.200 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.845 W/kg
SAR(1 g) = 0.172 W/kg; SAR(10 g) = 0.066 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.429 W/kg



62)

Date: 2023-01-03

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 2. Bluetooth_BDR_DH5_Body.da53:0

DUT: SM-A346MDSN, Type: Mobile Phone, Serial: R3CT904NARX

Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz; Duty Cycle: 1:1.30167
Medium parameters used (interpolated): f = 2441 MHz; σ = 1.849 S/m; ε_r = 39.377; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

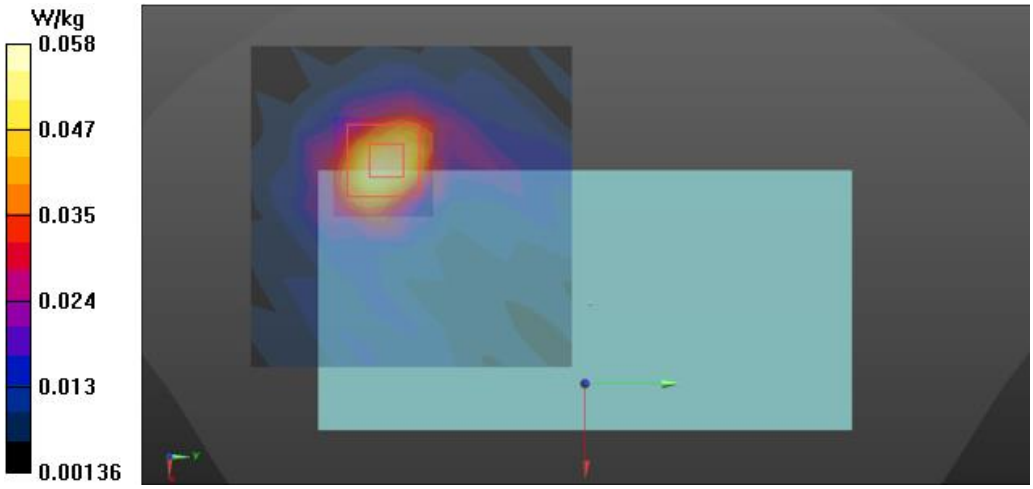
- Probe: EX3DV4 - SN3697;ConvF(7.14, 7.14, 7.14) @ 2441 MHz; Calibrated: 2022-03-28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1587; Calibrated: 2022-07-20
- Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1724
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/Bluetooth_BDR_DH5_CH39_Rear_15 mm/Area Scan (9x9x1): Measurement grid: dx=12mm, dy=12mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0580 W/kg

Configuration/Bluetooth_BDR_DH5_CH39_Rear_15 mm/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.790 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 0.0740 W/kg
SAR(1 g) = 0.036 W/kg; SAR(10 g) = 0.017 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0584 W/kg



63)

Date: 2022-12-13

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 1.GSM 850_Body-Hotspot.da53:0

DUT: SM-A346MDSN, Type: Mobile Phone, Serial: 68559F4CEF337ECE

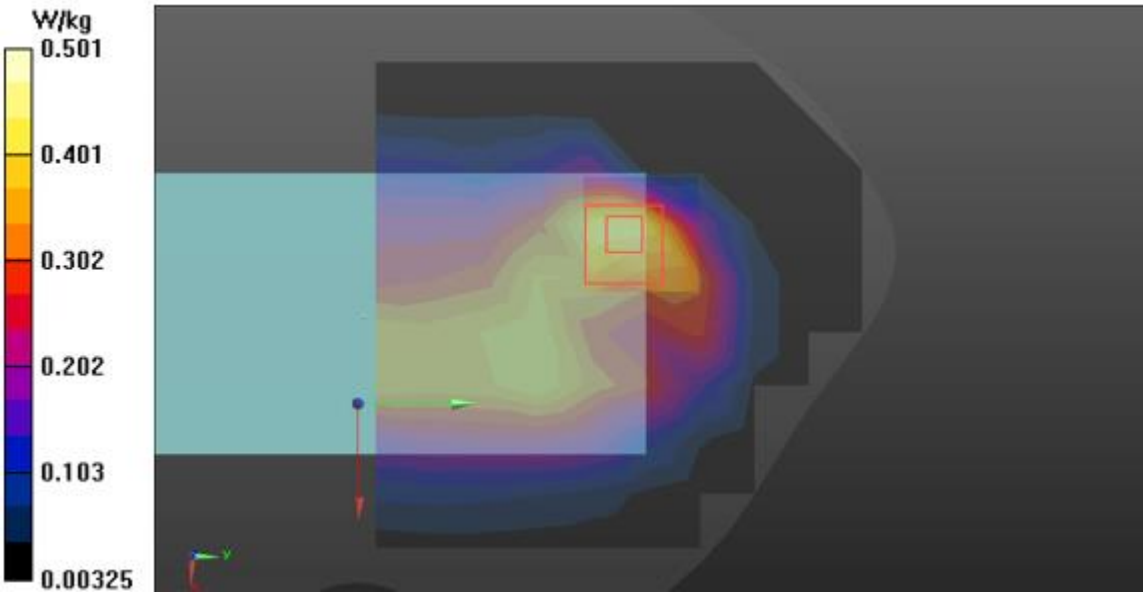
Communication System: UID 0, GSM850_2TX (0); Frequency: 836.6 MHz; Duty Cycle: 1:4.14954
Medium parameters used: f = 836.6 MHz; σ = 0.913 S/m; ε_r = 41.651; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3865;ConvF(9.88, 9.88, 9.88) @ 836.6 MHz; Calibrated: 2022-01-27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1567; Calibrated: 2022-03-24
- Phantom: Twin-SAM V4.0; Type: QD 000 P40 CC; Serial: 1728
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/GSM850_GPRS 2Tx_CH190_Rear_10 mm/Area Scan (10x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.440 W/kg

Configuration/GSM850_GPRS 2Tx_CH190_Rear_10 mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.94 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.611 W/kg
SAR(1 g) = 0.345 W/kg; SAR(10 g) = 0.194 W/kg
Maximum value of SAR (measured) = 0.501 W/kg



64)

Date: 12/19/2022

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 3. GSM 1900_Hotspot.da53:2

DUT: SM-A346MDSN, Type: Mobile Phone, Serial: R3CTA0ARBEJ

Communication System: UID 0, GSM 1900_2Tx (0); Frequency: 1909.8 MHz; Duty Cycle: 1:4.14954
Medium parameters used (interpolated): f = 1909.8 MHz; σ = 1.419 S/m; ε_r = 39.898; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

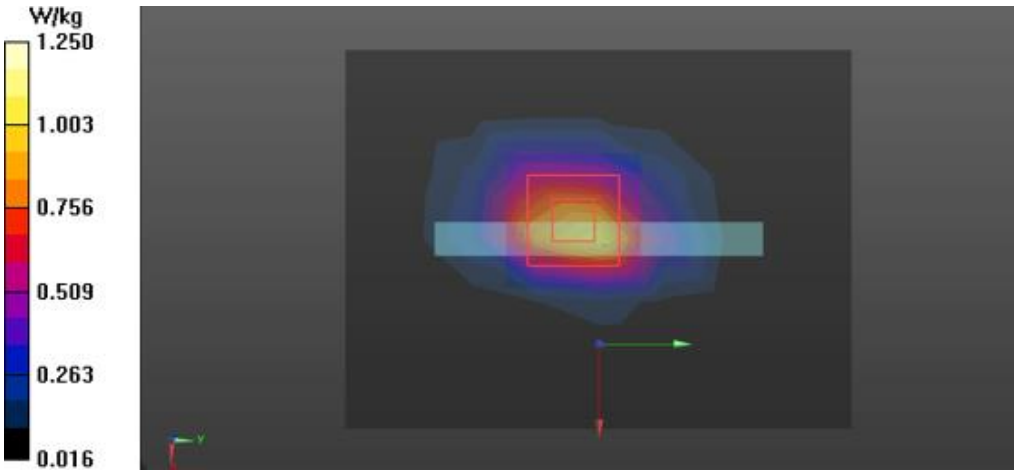
- Probe: EX3DV4 - SN3928;ConvF(7.72, 7.72, 7.72) @ 1909.8 MHz; Calibrated: 3/3/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1342; Calibrated: 5/31/2022
- Phantom: Twin-SAM V8.0_Right; Type: QD 000 P41 Ax; Serial: 1984
- Measurement SW: DASY52, Version 52.10 (4);

Configuration 3/GSM1900_GPRS 2Tx_CH810_Bottom_10 mm/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.07 W/kg

Configuration 3/GSM1900_GPRS 2Tx_CH810_Bottom_10 mm/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.24 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.50 W/kg
SAR(1 g) = 0.817 W/kg; SAR(10 g) = 0.422 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.25 W/kg



65)

Date: 12/19/2022

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 6. WCDMA_FDD II_Hotspot.da53:2

DUT: SM-A346MDSN, Type: Mobile Phone, Serial: R3CTA0ARBEJ

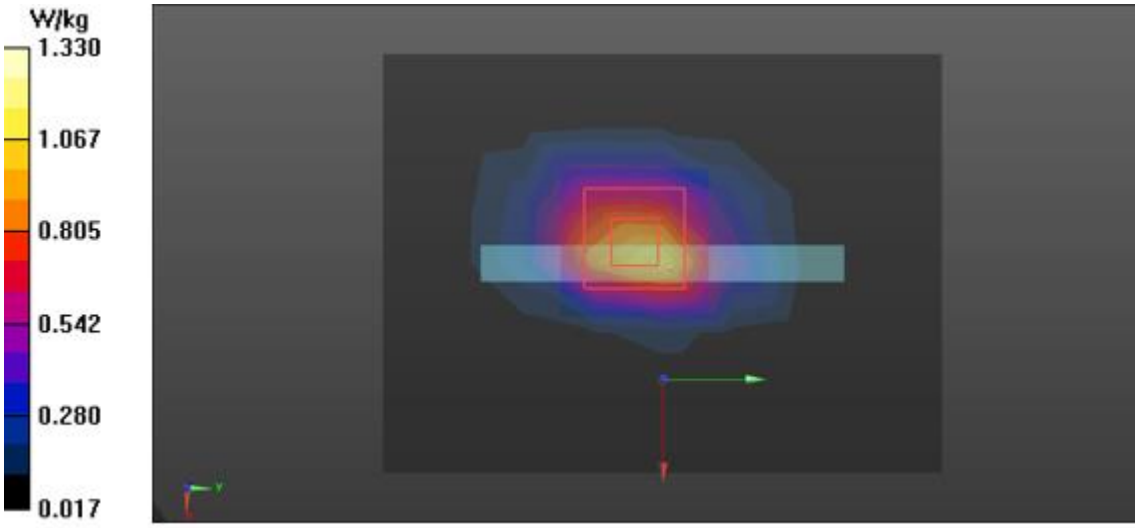
Communication System: UID 0, W-CDMA 1900 (Band 2) (0); Frequency: 1907.6 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1907.6 MHz; σ = 1.417 S/m; ε_r = 39.899; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3928;ConvF(7.72, 7.72, 7.72) @ 1907.6 MHz; Calibrated: 3/3/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1342; Calibrated: 5/31/2022
- Phantom: Twin-SAM V8.0_Right; Type: QD 000 P41 Ax; Serial: 1984
- Measurement SW: DASY52, Version 52.10 (4);

Configuration 3/WCDMA_FDD II_CH9538_Bottom_10 mm/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.11 W/kg

Configuration 3/WCDMA_FDD II_CH9538_Bottom_10 mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.75 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.60 W/kg
SAR(1 g) = 0.860 W/kg; SAR(10 g) = 0.443 W/kg
Maximum value of SAR (measured) = 1.33 W/kg



66)

Date: 12/21/2022

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 3. WCDMA_FDD IV_Hotspot.da53:2

DUT: SM-A346MDSN, Type: Mobile Phone, Serial: R3CTA0ARBEJ

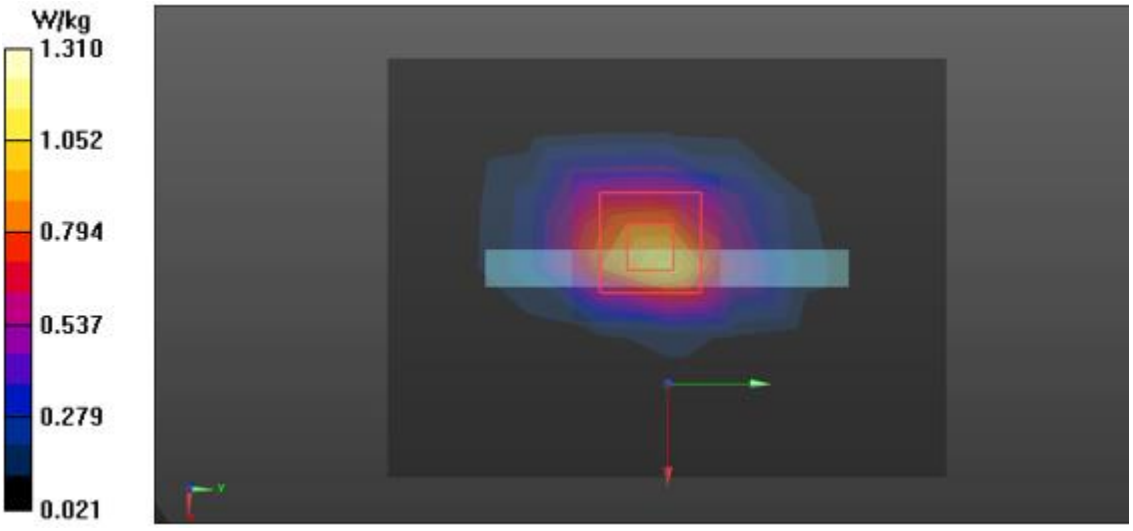
Communication System: UID 0, W-CDMA 1700 (Band 4) (0); Frequency: 1752.6 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1752.6 MHz; σ = 1.338 S/m; ε_r = 41.27; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3928;ConvF(8.01, 8.01, 8.01) @ 1752.6 MHz; Calibrated: 3/3/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1342; Calibrated: 5/31/2022
- Phantom: Twin-SAM V8.0_Right; Type: QD 000 P41 Ax; Serial: 1984
- Measurement SW: DASY52, Version 52.10 (4);

Configuration 3/WCDMA_FDD IV_CH1513_Bottom_10 mm/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.10 W/kg

Configuration 3/WCDMA_FDD IV_CH1513_Bottom_10 mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.88 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 1.54 W/kg
SAR(1 g) = 0.870 W/kg; SAR(10 g) = 0.465 W/kg
Maximum value of SAR (measured) = 1.31 W/kg



67)

Date: 2022-12-14

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 1. WCDMA Band V-Hotspot.da53:0

DUT: SM-A346MDSN, Type: Mobile Phone, Serial: 67EAC23D90337ECE

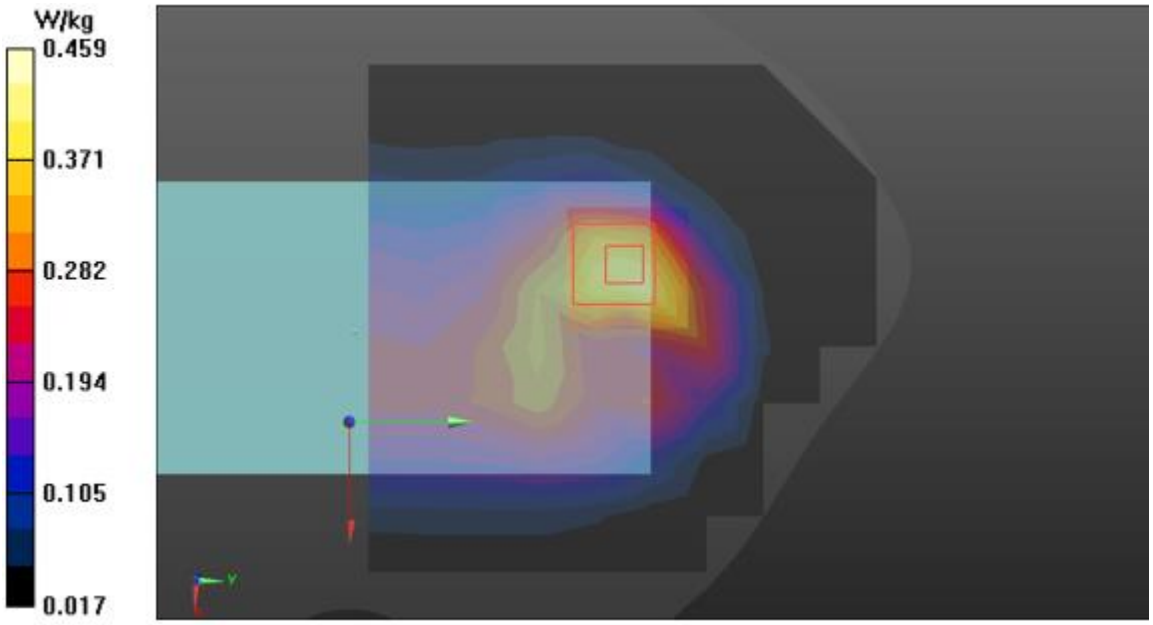
Communication System: UID 0, W-CDMA 850 (Band 5) (0); Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium parameters used: f = 836.6 MHz; σ = 0.919 S/m; ε_r = 41.652; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3865;ConvF(9.88, 9.88, 9.88) @ 836.6 MHz; Calibrated: 2022-01-27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1567; Calibrated: 2022-03-24
- Phantom: Twin-SAM V4.0; Type: QD 000 P40 CC; Serial: 1728
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/WCDMA V _CH4132_Rear_10 mm/Area Scan (10x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.419 W/kg

Configuration/WCDMA V _CH4132_Rear_10 mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.62 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.542 W/kg
SAR(1 g) = 0.315 W/kg; SAR(10 g) = 0.188 W/kg
Maximum value of SAR (measured) = 0.459 W/kg



68)

Date: 2022-12-28

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 1.LTE Band 2_QPSK_20 MHz_Body-Hotspot.da53:1

DUT: SM-A346MDSN, Type: Mobile Phone, Serial: 68559F4CEF337ECE

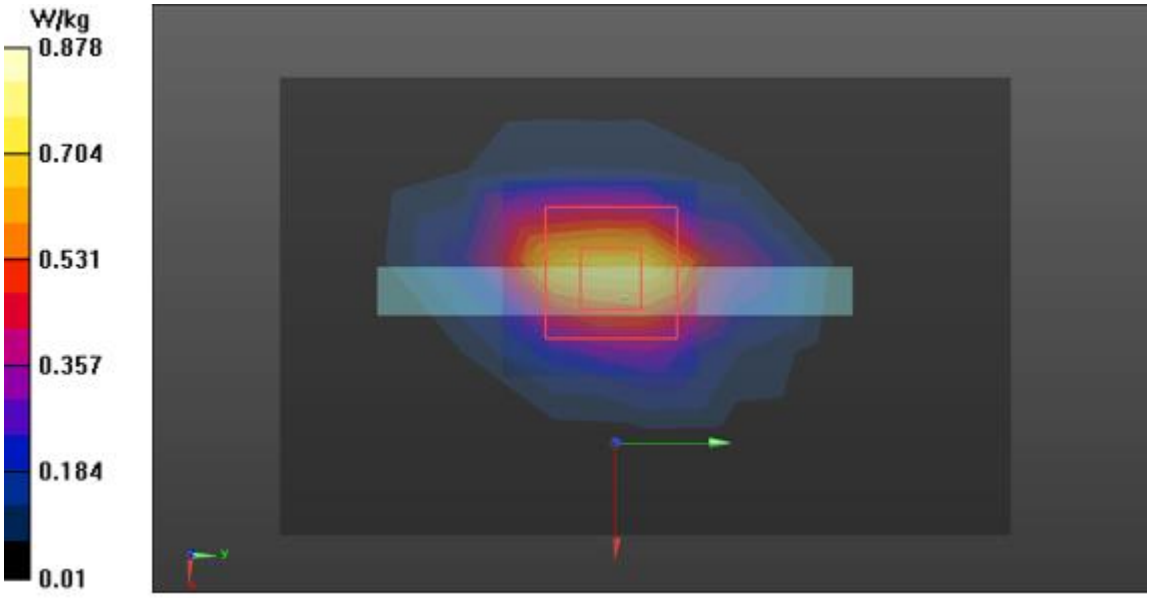
Communication System: UID 0, LTE Band 2 (0); Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.44 S/m; ε_r = 38.539; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3865;ConvF(8.43, 8.43, 8.43) @ 1880 MHz; Calibrated: 2022-01-27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1567; Calibrated: 2022-03-24
- Phantom: Twin-SAM V4.0; Type: QD 000 P40 CC; Serial: 1728
- Measurement SW: DASY52, Version 52.10 (4);

Configuration 3/LTE Band 2_QPSK_20MHz_1RB 49Offset_CH18900_Bottom_10 mm/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.749 W/kg

Configuration 3/LTE Band 2_QPSK_20MHz_1RB 49Offset_CH18900_Bottom_10 mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.30 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 1.05 W/kg
SAR(1 g) = 0.572 W/kg; SAR(10 g) = 0.294 W/kg
Maximum value of SAR (measured) = 0.878 W/kg



69)

Date: 12/22/2022

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 3. LTE Band 2_Sub_QPSK_20 MHz_Hotspot.da53:2

DUT: SM-A346MDSN, Type: Mobile Phone, Serial: R3CTA0ARECT

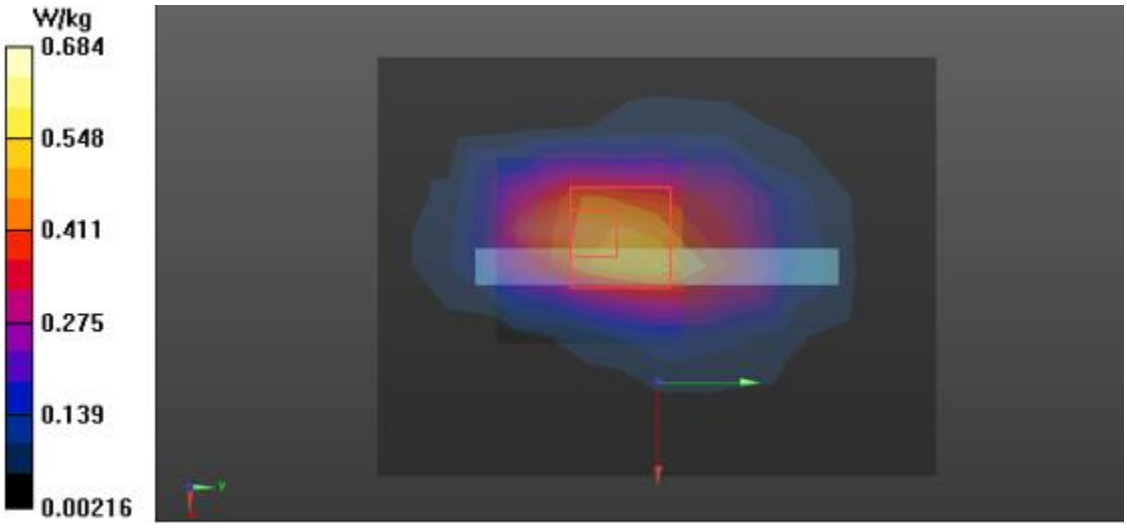
Communication System: UID 0, LTE Band 2 (0); Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.387 S/m; ε_r = 38.76; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3928;ConvF(7.72, 7.72, 7.72) @ 1880 MHz; Calibrated: 3/3/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1342; Calibrated: 5/31/2022
- Phantom: Twin-SAM V8.0_Right; Type: QD 000 P41 Ax; Serial: 1984
- Measurement SW: DASY52, Version 52.10 (4);

Configuration 3/LTE Band 2_QPSK_20MHz_50RB_24offset_CH18900_Top_10 mm/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.509 W/kg

Configuration 3/LTE Band 2_QPSK_20MHz_50RB_24offset_CH18900_Top_10 mm/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.77 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.846 W/kg
SAR(1 g) = 0.441 W/kg; SAR(10 g) = 0.237 W/kg
Maximum value of SAR (measured) = 0.684 W/kg



70)

Date: 2022-12-15

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 3. LTE Band 4 Sub_QPSK_20MHz_Hotspot.da53:2

DUT: SM-A346MDSN, Type: Mobile Phone, Serial: 67EAC23D90337ECE

Communication System: UID 0, LTE Band 4 (0); Frequency: 1732.5 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.359 S/m; ε_r = 39.564; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

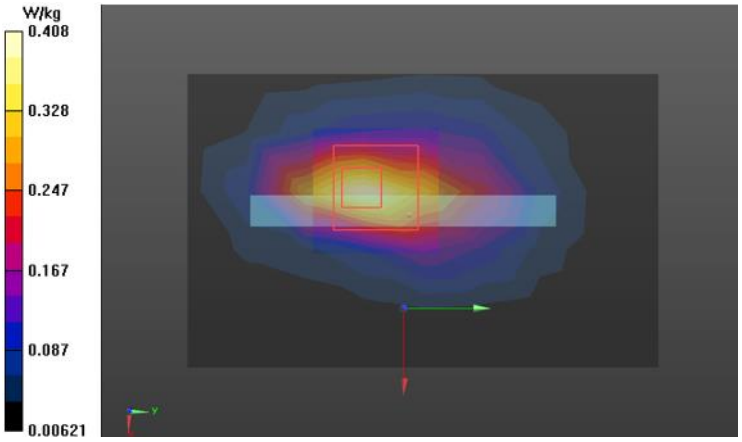
- Probe: EX3DV4 - SN3865;ConvF(8.83, 8.83, 8.83) @ 1732.5 MHz; Calibrated: 2022-01-27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1567; Calibrated: 2022-03-24
- Phantom: Twin-SAM V4.0; Type: QD 000 P40 CC; Serial: 1728
- Measurement SW: DASY52, Version 52.10 (4);

Configuration 3/LTE Band 4_QPSK_20MHz_1RB 49Offset_CH20175_Top_10 mm/Area Scan (6x9x1):
Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.414 W/kg

Configuration 3/LTE Band 4_QPSK_20MHz_1RB 49Offset_CH20175_Top_10 mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.79 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.498 W/kg
SAR(1 g) = 0.267 W/kg; SAR(10 g) = 0.144 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.408 W/kg



71)

Date: 2022-12-12

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 1.LTE Band 5_QPSK_10 MHz_Body-Hotspot.da53:0

DUT: SM-A346MDSN, Type: Mobile Phone, Serial: 68559F4CE337ECE

Communication System: UID 0, LTE Band 5 (0); Frequency: 836.5 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 836.5 MHz; σ = 0.914 S/m; ε_r = 42.134; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

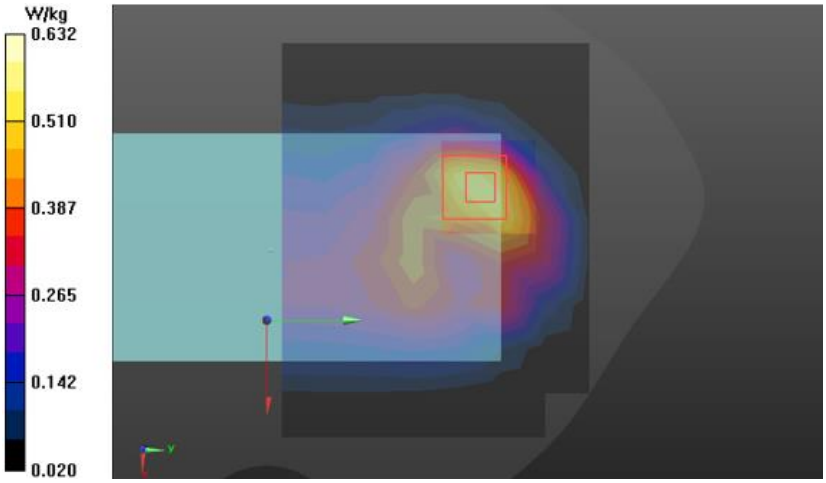
- Probe: EX3DV4 - SN3865;ConvF(9.88, 9.88, 9.88) @ 836.5 MHz; Calibrated: 2022-01-27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1567; Calibrated: 2022-03-24
- Phantom: Twin-SAM V4.0; Type: QD 000 P40 CC; Serial: 1728
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/LTE Band 5_QPSK_10 MHz_1RB_25offset_CH20525_Rear_10 mm/Area Scan (10x8x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.530 W/kg

Configuration/LTE Band 5_QPSK_10 MHz_1RB_25offset_CH20525_Rear_10 mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.66 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.756 W/kg
SAR(1 g) = 0.430 W/kg; SAR(10 g) = 0.255 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.632 W/kg



72)

Date: 2022-12-17

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 1.LTE Band 12_QPSK_10 MHz_Body-Hotspot.da53:0

DUT: SM-A346MDSN, Type: Mobile Phone, Serial: 68559F4CE337ECE

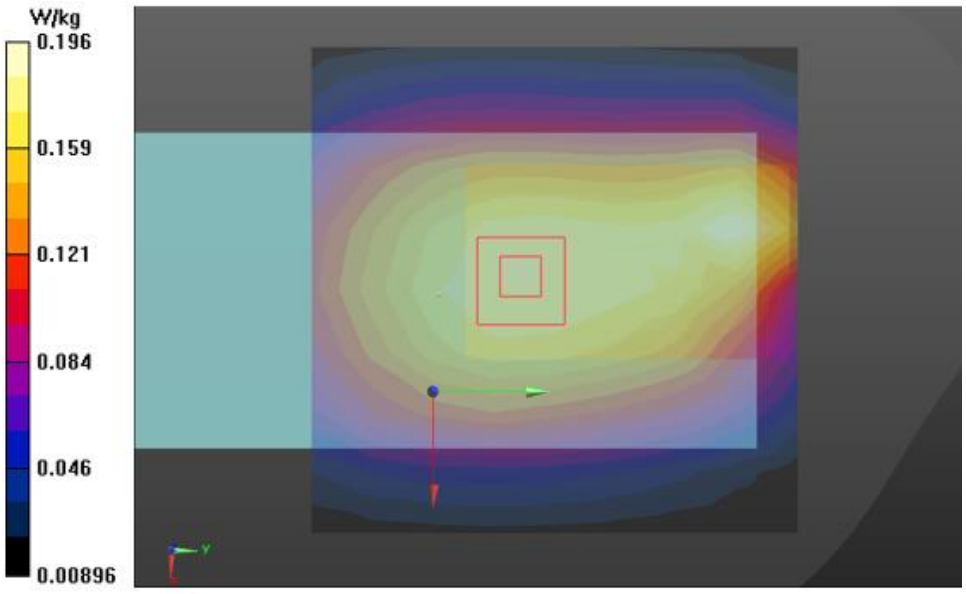
Communication System: UID 0, LTE Band 12 (0); Frequency: 707.5 MHz; Duty Cycle: 1:1
Medium parameters used: f = 707.5 MHz; σ = 0.866 S/m; ε_r = 44.032; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3865;ConvF(10.24, 10.24, 10.24) @ 707.5 MHz; Calibrated: 2022-01-27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1567; Calibrated: 2022-03-24
- Phantom: Twin-SAM V4.0; Type: QD 000 P40 CC; Serial: 1728
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/LTE Band 12_QPSK_10 MHz_1RB_25offset_CH23095_Rear_10 mm/Area Scan (9x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.197 W/kg

Configuration/LTE Band 12_QPSK_10 MHz_1RB_25offset_CH23095_Rear_10 mm/Zoom Scan (7x11x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.84 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 0.233 W/kg
SAR(1 g) = 0.156 W/kg; SAR(10 g) = 0.120 W/kg
Maximum value of SAR (measured) = 0.196 W/kg



73)

Date: 2022-12-06

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 3. LTE Band 13_QPSK_10MHz_Hotspot.da53:1

DUT: SM-A346MDSN, Type: Mobile Phone, Serial: R3CTA0ARECT

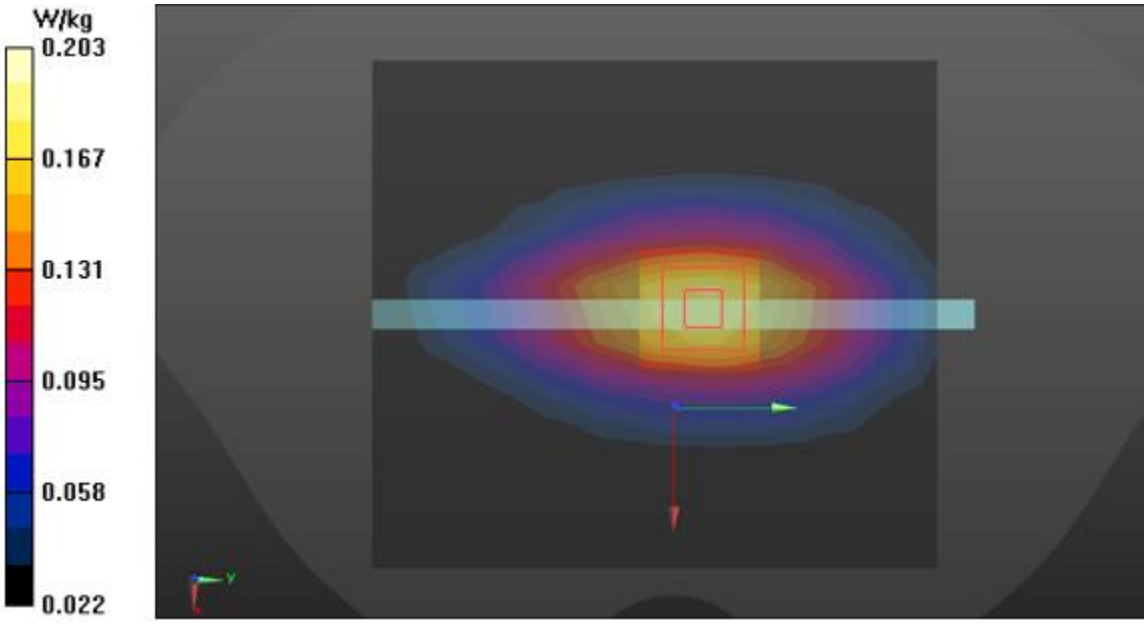
Communication System: UID 0, LTE Band 13 (0); Frequency: 782 MHz; Duty Cycle: 1:1
Medium parameters used: f = 782 MHz; σ = 0.913 S/m; ε_r = 42.541; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3865;ConvF(10.24, 10.24, 10.24) @ 782 MHz; Calibrated: 2022-01-27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1567; Calibrated: 2022-03-24
- Phantom: Twin-SAM V4.0; Type: QD 000 P40 CC; Serial: 1728
- Measurement SW: DASY52, Version 52.10 (4);

Configuration 2/LTE Band 13_QPSK_10MHz_1RB 25Offset_CH23230_Right_10 mm/Area Scan (10x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.182 W/kg

Configuration 2/LTE Band 13_QPSK_10MHz_1RB 25Offset_CH23230_Right_10 mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.36 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.229 W/kg
SAR(1 g) = 0.155 W/kg; SAR(10 g) = 0.106 W/kg
Maximum value of SAR (measured) = 0.203 W/kg



74)

Date: 2022-12-07

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 3. LTE Band 26_QPSK_15MHz_Hotspot.da53:0

DUT: SM-A346MDSN, Type: Mobile Phone, Serial: R3CTA0ARBEJ

Communication System: UID 0, LTE Band 26 (0); Frequency: 831.5 MHz; Duty Cycle: 1:1
Medium parameters used (extrapolated): f = 831.5 MHz; σ = 0.95 S/m; ε_r = 41.267; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

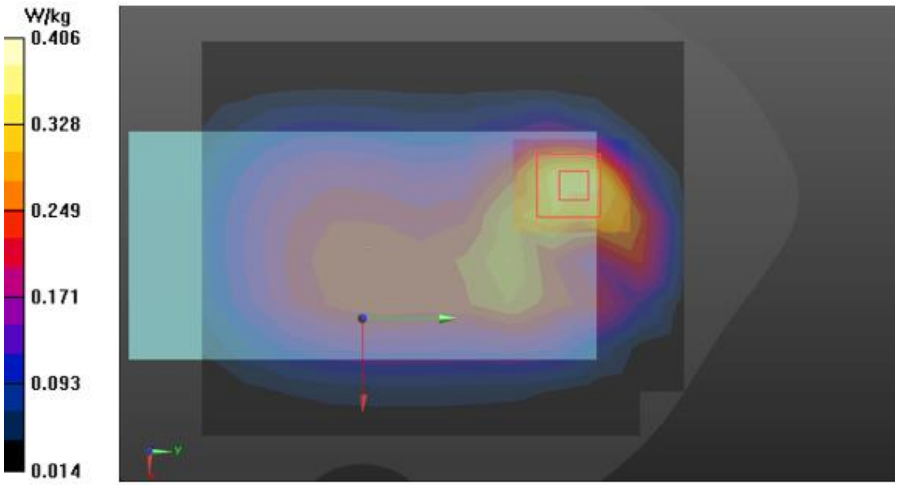
- Probe: EX3DV4 - SN3865;ConvF(9.88, 9.88, 9.88) @ 831.5 MHz; Calibrated: 2022-01-27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1567; Calibrated: 2022-03-24
- Phantom: Twin-SAM V4.0; Type: QD 000 P40 CC; Serial: 1728
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/LTE Band 26_QPSK_15MHz_1RB 36Offset_CH26865_Rear_10 mm/Area Scan (10x12x1): Measurement grid: dx=15mm, dy=15mm

Info: Extrapolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.341 W/kg

Configuration/LTE Band 26_QPSK_15MHz_1RB 36Offset_CH26865_Rear_10 mm/Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.38 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 0.481 W/kg
SAR(1 g) = 0.281 W/kg; SAR(10 g) = 0.169 W/kg

Info: Extrapolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.406 W/kg



75)

Date: 12/17/2022

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 3. LTE Band 41_QPSK_20 MHz_Hotspot.da53:0

DUT: SM-A346MDSN, Type: Mobile Phone, Serial: R3CTA0ARBEJ

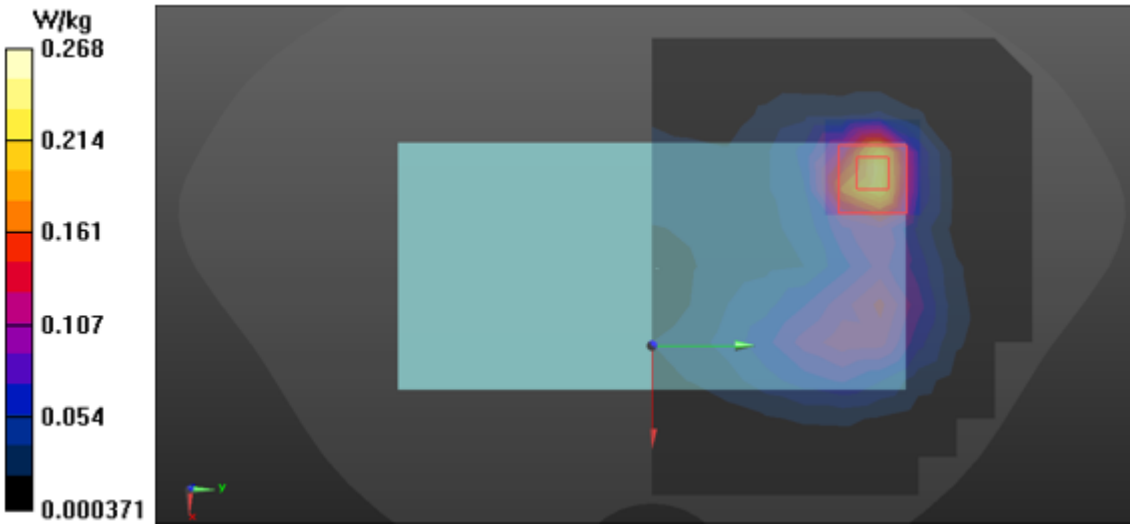
Communication System: UID 0, LTE Band 41 (0); Frequency: 2680 MHz; Duty Cycle: 1:1.58016
Medium parameters used: f = 2680 MHz; σ = 2.006 S/m; ε_r = 37.634; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3928;ConvF(7.17, 7.17, 7.17) @ 2680 MHz; Calibrated: 3/3/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1342; Calibrated: 5/31/2022
- Phantom: Twin-SAM V8.0_Right; Type: QD 000 P41 Ax; Serial: 1984
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/LTE Band 41_QPSK_20MHz_1RB_0offset_CH41490_Rear_10 mm/Area Scan (13x11x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.217 W/kg

Configuration/LTE Band 41_QPSK_20MHz_1RB_0offset_CH41490_Rear_10 mm/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.070 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.350 W/kg
SAR(1 g) = 0.154 W/kg; SAR(10 g) = 0.070 W/kg
Maximum value of SAR (measured) = 0.268 W/kg



76)

Date: 2022-12-28

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 3. LTE Band 66_QPSK_20MHz_Hotspot.da53:1

DUT: SM-A346MDSN, Type: Mobile Phone, Serial: 68559F4CEF337ECE

Communication System: UID 0, LTE Band 66 (0); Frequency: 1745 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1745 MHz; σ = 1.378 S/m; ε_r = 39.437; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

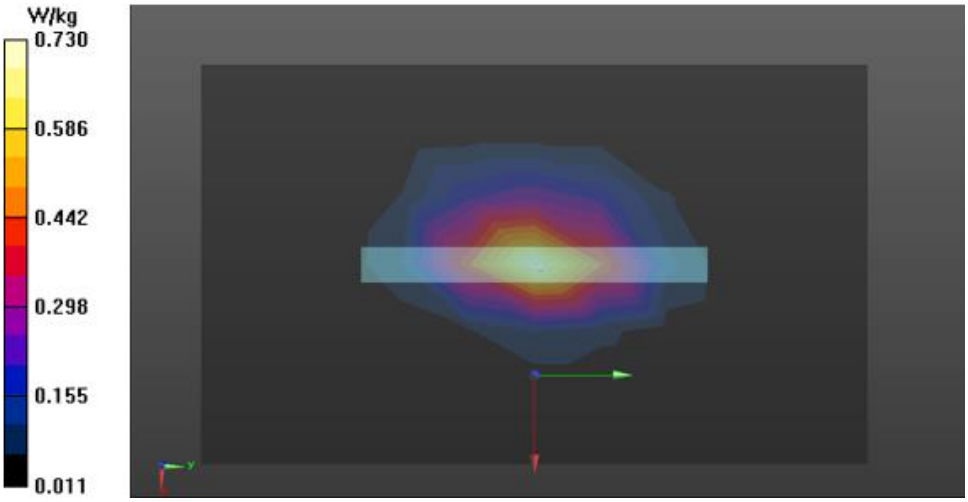
- Probe: EX3DV4 - SN3865;ConvF(8.83, 8.83, 8.83) @ 1745 MHz; Calibrated: 2022-01-27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1567; Calibrated: 2022-03-24
- Phantom: Twin-SAM V4.0; Type: QD 000 P40 CC; Serial: 1728
- Measurement SW: DASY52, Version 52.10 (4);

Configuration 2/LTE Band 66_QPSK_20MHz_50RB 24Offset_CH132322_Bottom_10 mm/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.728 W/kg

Configuration 2/LTE Band 66_QPSK_20MHz_50RB 24Offset_CH132322_Bottom_10 mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.51 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.880 W/kg
SAR(1 g) = 0.482 W/kg; SAR(10 g) = 0.252 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.730 W/kg



77)

Date: 12/24/2022

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 3. LTE Band 66_Sub_QPSK_20 MHz_Hotspot.da53:2

DUT: SM-A346MDSN, Type: Mobile Phone, Serial: R3CTA0ARECT

Communication System: UID 0, LTE Band 66 (0); Frequency: 1745 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1745 MHz; σ = 1.375 S/m; ε_r = 38.807; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

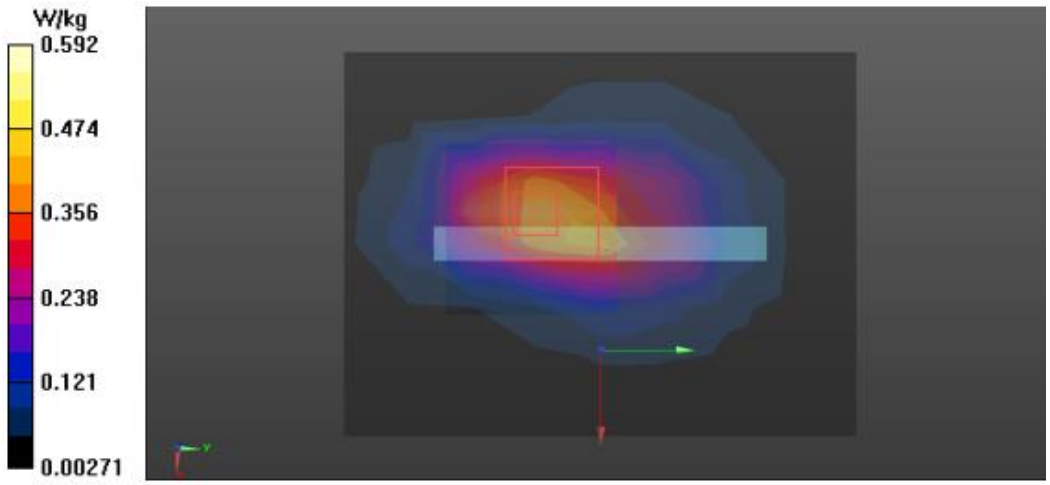
- Probe: EX3DV4 - SN3928;ConvF(8.01, 8.01, 8.01) @ 1745 MHz; Calibrated: 3/3/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1342; Calibrated: 5/31/2022
- Phantom: Twin-SAM V8.0_Right; Type: QD 000 P41 Ax; Serial: 1984
- Measurement SW: DASY52, Version 52.10 (4);

Configuration 3/LTE Band 66_QPSK_20MHz_50RB_50offset_CH132322_Top_10 mm/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.410 W/kg

Configuration 3/LTE Band 66_QPSK_20MHz_50RB_50offset_CH132322_Top_10 mm/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.96 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 0.723 W/kg
SAR(1 g) = 0.382 W/kg; SAR(10 g) = 0.204 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.592 W/kg



78)

Date: 12/16/2022

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 3. 5G NR n5_Hotspot.da53:0

DUT: SM-A346MDSN, Type: Mobile Phone, Serial: R3CTA0ARECT

Communication System: UID 0, 5G Sub6 n5 (0); Frequency: 836.5 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 836.5 MHz; σ = 0.889 S/m; ε_r = 41.338; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

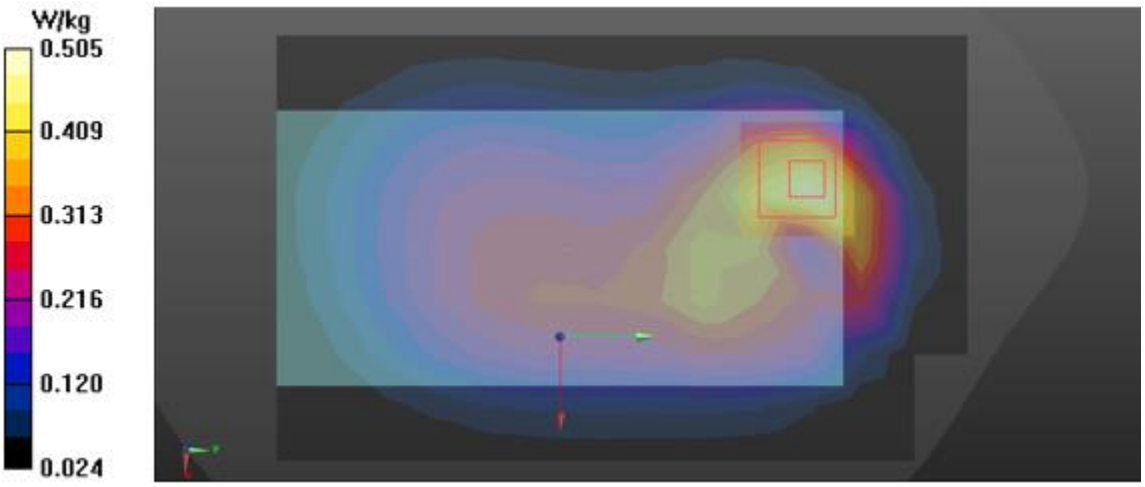
- Probe: EX3DV4 - SN7540;ConvF(9.73, 9.73, 9.73) @ 836.5 MHz; Calibrated: 4/29/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn666; Calibrated: 1/26/2022
- Phantom: Twin-SAM V8.0; Type: QD 000 P41 AA; Serial: 1975
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/5G NR n5 DFT-S-OFDM_QPSK_SCS 15kHz_20MHz 1RB 53offset_CH167300_Rear_10 mm/Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.487 W/kg

Configuration/5G NR n5 DFT-S-OFDM_QPSK_SCS 15kHz_20MHz 1RB 53offset_CH167300_Rear_10 mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.30 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.611 W/kg
SAR(1 g) = 0.359 W/kg; SAR(10 g) = 0.218 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.505 W/kg



79)

Date: 12/17/2022

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 3. 5G NR n66_Hotspot.da53:2

DUT: SM-A346MDSN, Type: Mobile Phone, Serial: R3CTA0ARECT

Communication System: UID 0, 5G sub6 n66 (0); Frequency: 1745 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1745 MHz; σ = 1.315 S/m; ε_r = 39.022; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

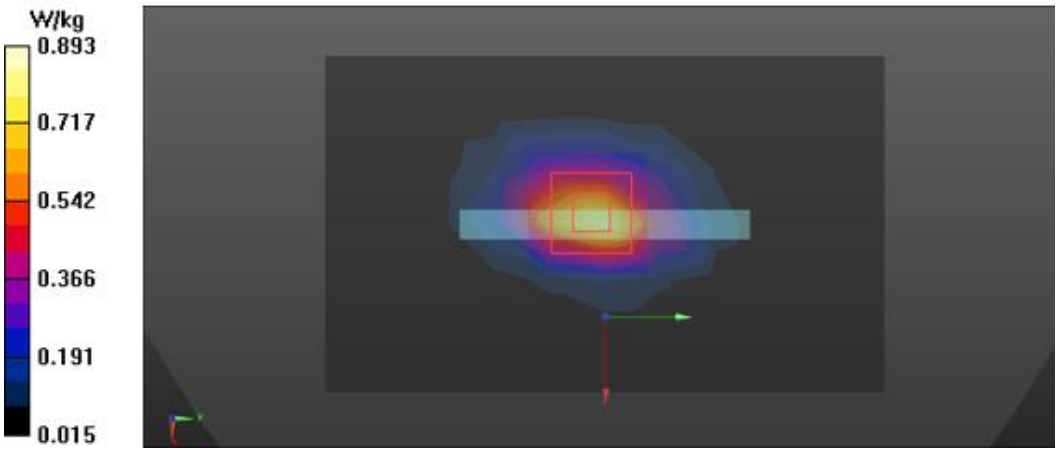
- Probe: EX3DV4 - SN7540;ConvF(8.62, 8.62, 8.62) @ 1745 MHz; Calibrated: 4/29/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn666; Calibrated: 1/26/2022
- Phantom: Twin-SAM V8.0; Type: QD 000 P41 AA; Serial: 1975
- Measurement SW: DASY52, Version 52.10 (4);

Configuration 3/5G NR n66 DFT-S-OFDM_QPSK_SCS 15kHz_40MHz 108RB 0offset_CH349000_Bottom_10 mm/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.835 W/kg

Configuration 3/5G NR n66 DFT-S-OFDM_QPSK_SCS 15kHz_40MHz 108RB 0offset_CH349000_Bottom_10 mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.10 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.05 W/kg
SAR(1 g) = 0.596 W/kg; SAR(10 g) = 0.318 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.893 W/kg



80)

Date: 12/17/2022

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 3. 5G NR n66_Sub Ant_Hotspot.da53:2

DUT: SM-A346MDSN, Type: Mobile Phone, Serial: R3CTA0ARECT

Communication System: UID 0, 5G sub6 n66 (0); Frequency: 1745 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1745 MHz; σ = 1.315 S/m; ε_r = 39.022; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

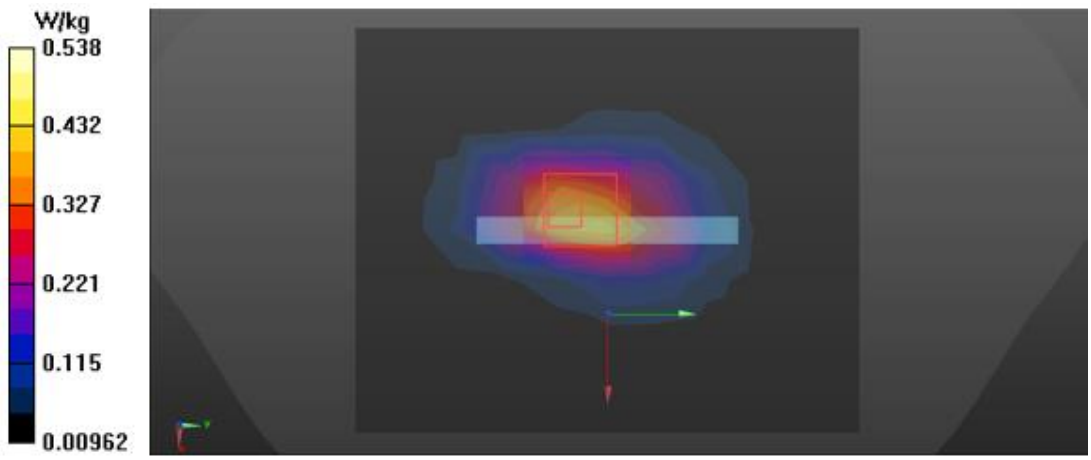
- Probe: EX3DV4 - SN7540;ConvF(8.62, 8.62, 8.62) @ 1745 MHz; Calibrated: 4/29/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn666; Calibrated: 1/26/2022
- Phantom: Twin-SAM V8.0; Type: QD 000 P41 AA; Serial: 1975
- Measurement SW: DASY52, Version 52.10 (4);

Configuration 3/5G NR n66 DFT-S-OFDM_QPSK_SCS 15kHz_40MHz 1RB 1offset_CH349000_Top_10 mm/Area Scan (9x11x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.418 W/kg

Configuration 3/5G NR n66 DFT-S-OFDM_QPSK_SCS 15kHz_40MHz 1RB 1offset_CH349000_Top_10 mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.35 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.642 W/kg
SAR(1 g) = 0.355 W/kg; SAR(10 g) = 0.195 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.538 W/kg



81)

Date: 2022-12-13

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 3. 2.4GHz_802.11_b_Hotspot.da53:0

DUT: SM-A346MDSN, Type: Mobile Phone, Serial: R3CT904NARX

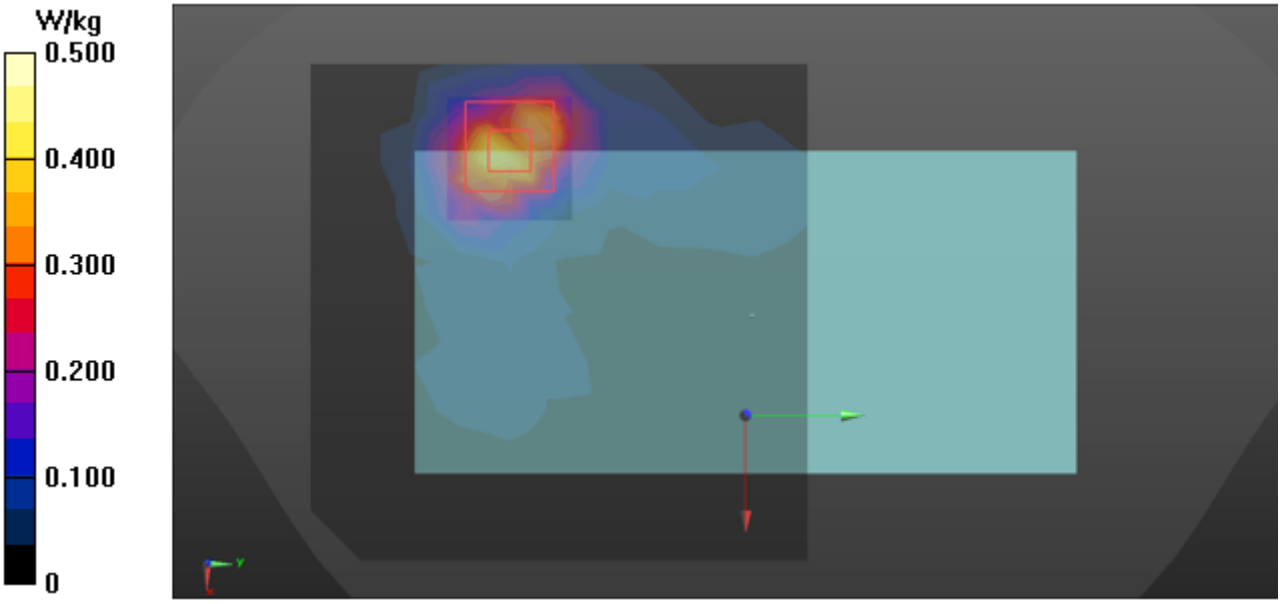
Communication System: UID 0, 2.4GWLAN (0); Frequency: 2412 MHz; Duty Cycle: 1:1
Medium parameters used: f = 2412 MHz; σ = 1.821 S/m; ε_r = 37.771; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3697;ConvF(7.14, 7.14, 7.14) @ 2412 MHz; Calibrated: 2022-03-28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1587; Calibrated: 2022-07-20
- Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1724
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/802.11_b_Wi-Fi1_CH1_Rear_10 mm/Area Scan (11x11x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.500 W/kg

Configuration/802.11_b_Wi-Fi1_CH1_Rear_10 mm/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.446 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 0.617 W/kg
SAR(1 g) = 0.263 W/kg; SAR(10 g) = 0.130 W/kg
Maximum value of SAR (measured) = 0.462 W/kg



82)

Date: 2022-12-13

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 3. 2.4GHz_802.11_b_Hotspot.da53:0

DUT: SM-A346MDSN, Type: Mobile Phone, Serial: R3CT904NARX

Communication System: UID 0, 2.4GWLAN (0); Frequency: 2437 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.843 S/m; ε_r = 37.707; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

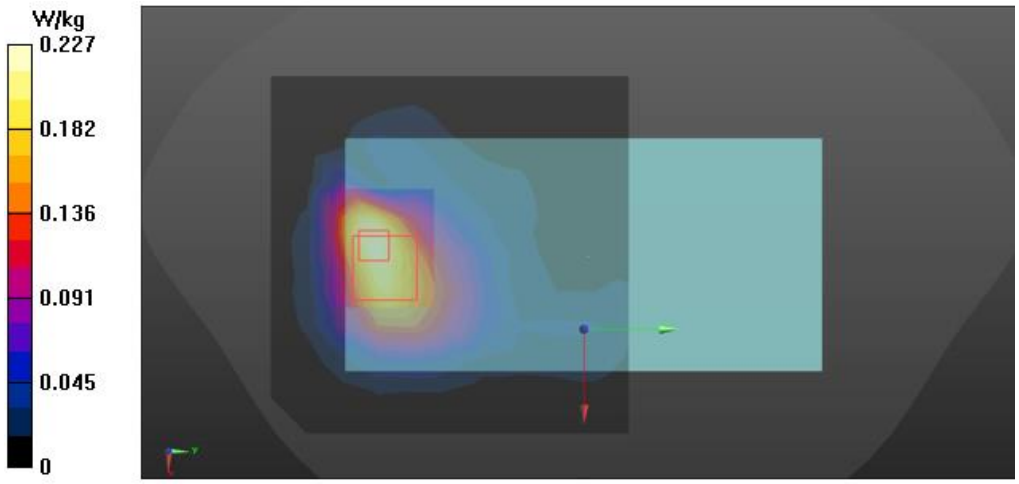
- Probe: EX3DV4 - SN3697;ConvF(7.14, 7.14, 7.14) @ 2437 MHz; Calibrated: 2022-03-28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1587; Calibrated: 2022-07-20
- Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1724
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/802.11_b_Wi-Fi2_CH6_Rear_10 mm/Area Scan (11x11x1): Measurement grid: dx=12mm, dy=12mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.227 W/kg

Configuration/802.11_b_Wi-Fi2_CH6_Rear_10 mm/Zoom Scan (9x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.540 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.308 W/kg
SAR(1 g) = 0.140 W/kg; SAR(10 g) = 0.075 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.235 W/kg



83)

Date: 2022-12-13

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 3. 2.4GHz_802.11_b_Hotspot.da53:0

DUT: SM-A346MDSN, Type: Mobile Phone, Serial: R3CT904NARX

Communication System: UID 0, 2.4GWLAN (0); Frequency: 2437 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.843 S/m; ε_r = 37.707; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

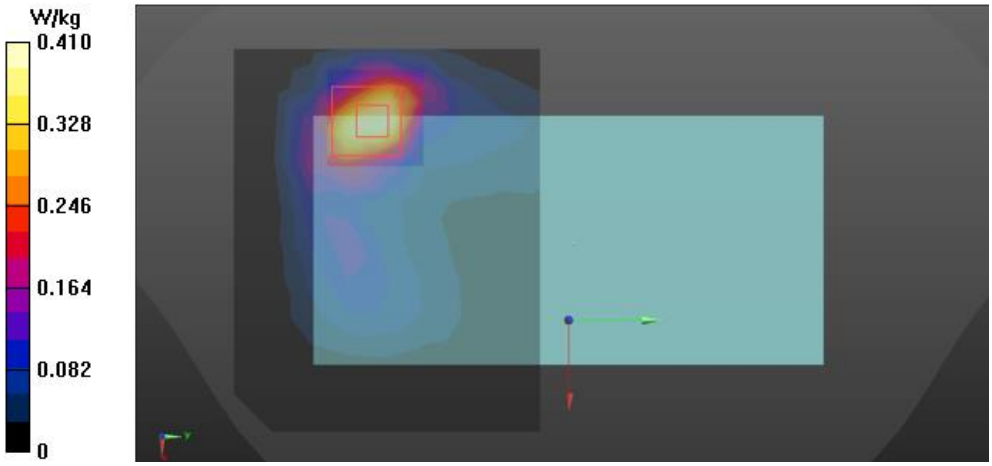
- Probe: EX3DV4 - SN3697;ConvF(7.14, 7.14, 7.14) @ 2437 MHz; Calibrated: 2022-03-28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1587; Calibrated: 2022-07-20
- Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1724
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/802.11_b_MIMO_CH6_Rear_10 mm/Area Scan (11x9x1): Measurement grid: dx=12mm, dy=12mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.410 W/kg

Configuration/802.11_b_MIMO_CH6_Rear_10 mm/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.407 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.577 W/kg
SAR(1 g) = 0.271 W/kg; SAR(10 g) = 0.129 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.445 W/kg



84)

Date: 2022-12-19

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 3. 5.8 GHz_802.11_Hotspot.da53:1

DUT: SM-A346MDSN , Type: Mobile Phone, Serial: R3CT904N0ZF

Communication System: UID 0, 5GWLAN (0); Frequency: 5785 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 5785 MHz; σ = 5.236 S/m; ε_r = 34.694; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

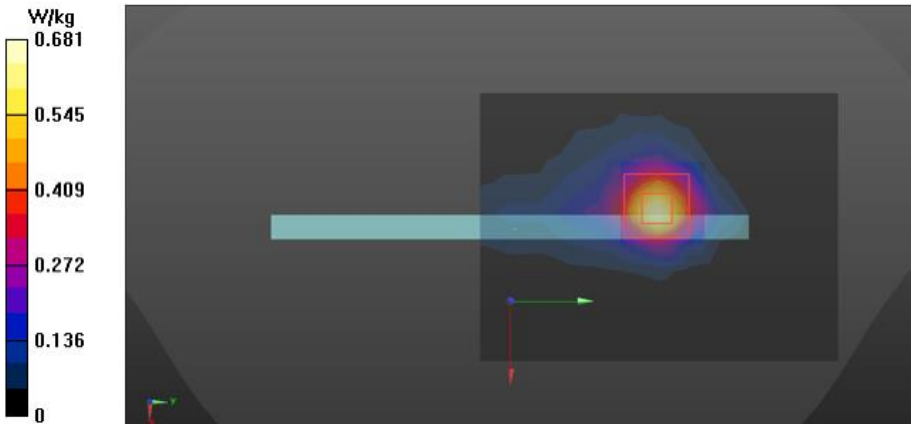
- Probe: EX3DV4 - SN3697;ConvF(4.36, 4.36, 4.36) @ 5785 MHz; Calibrated: 2022-03-28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1587; Calibrated: 2022-07-20
- Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1724
- Measurement SW: DASY52, Version 52.10 (4);

Configuration 2/802.11_a_WI-FI1_CH157_Left_10 mm/Area Scan (10x13x1): Measurement grid: dx=10mm, dy=10mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.681 W/kg

Configuration 2/802.11_a_WI-FI1_CH157_Left_10 mm/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 2.552 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 1.38 W/kg
SAR(1 g) = 0.281 W/kg; SAR(10 g) = 0.095 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.694 W/kg



85)

Date: 2022-12-19

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 3. 5.8 GHz_802.11_Hotspot.da53:1

DUT: SM-A346MDSN , Type: Mobile Phone, Serial: R3CT904N0ZF

Communication System: UID 0, 5GWLAN (0); Frequency: 5745 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 5745 MHz; σ = 5.19 S/m; ε_r = 34.827; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

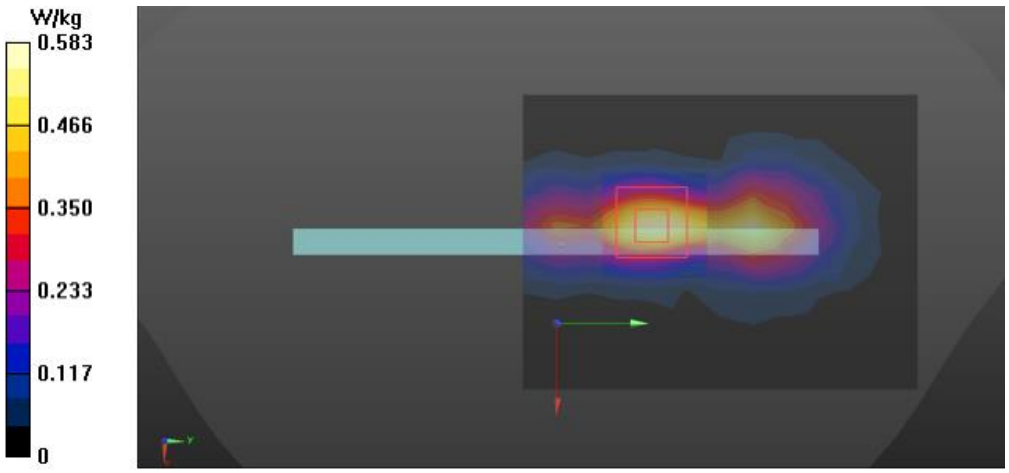
- Probe: EX3DV4 - SN3697;ConvF(4.36, 4.36, 4.36) @ 5745 MHz; Calibrated: 2022-03-28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1587; Calibrated: 2022-07-20
- Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1724
- Measurement SW: DASY52, Version 52.10 (4);

Configuration 2/802.11_a_Wi_FI2_CH149_Left_10 mm/Area Scan (10x13x1): Measurement grid: dx=10mm, dy=10mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.583 W/kg

Configuration 2/802.11_a_Wi_FI2_CH149_Left_10 mm/Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 5.505 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.03 W/kg
SAR(1 g) = 0.244 W/kg; SAR(10 g) = 0.087 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.598 W/kg



86)

Date: 2022-12-19

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 3. 5.8 GHz_802.11_Hotspot.da53:1

DUT: SM-A346MDSN , Type: Mobile Phone, Serial: R3CT904N0ZF

Communication System: UID 0, 5GWLAN (0); Frequency: 5745 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 5745 MHz; σ = 5.19 S/m; ε_r = 34.827; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

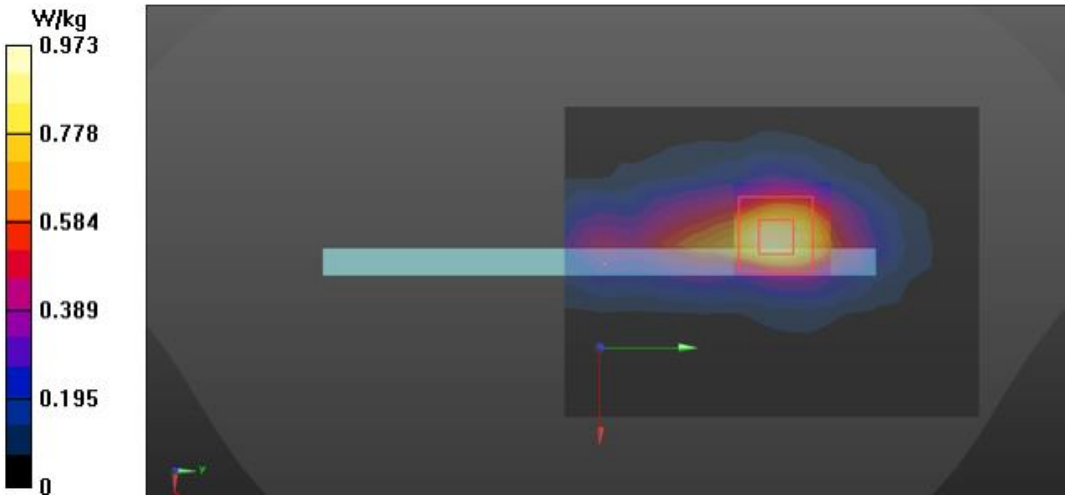
- Probe: EX3DV4 - SN3697;ConvF(4.36, 4.36, 4.36) @ 5745 MHz; Calibrated: 2022-03-28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1587; Calibrated: 2022-07-20
- Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1724
- Measurement SW: DASY52, Version 52.10 (4);

Configuration 2/802.11_a_MIMO_CH149_Left_10 mm/Area Scan (10x13x1): Measurement grid: dx=10mm, dy=10mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.973 W/kg

Configuration 2/802.11_a_MIMO_CH149_Left_10 mm/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 5.811 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 1.95 W/kg
SAR(1 g) = 0.428 W/kg; SAR(10 g) = 0.158 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.03 W/kg



87)

Date: 2023-01-03

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 3. Bluetooth_BDR_DH5_Hotspot.da53:1

DUT: SM-A346MDSN , Type: Mobile Phone, Serial: R3CT904NARX

Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz; Duty Cycle: 1:1.30167
Medium parameters used (interpolated): f = 2441 MHz; σ = 1.849 S/m; ε_r = 39.377; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

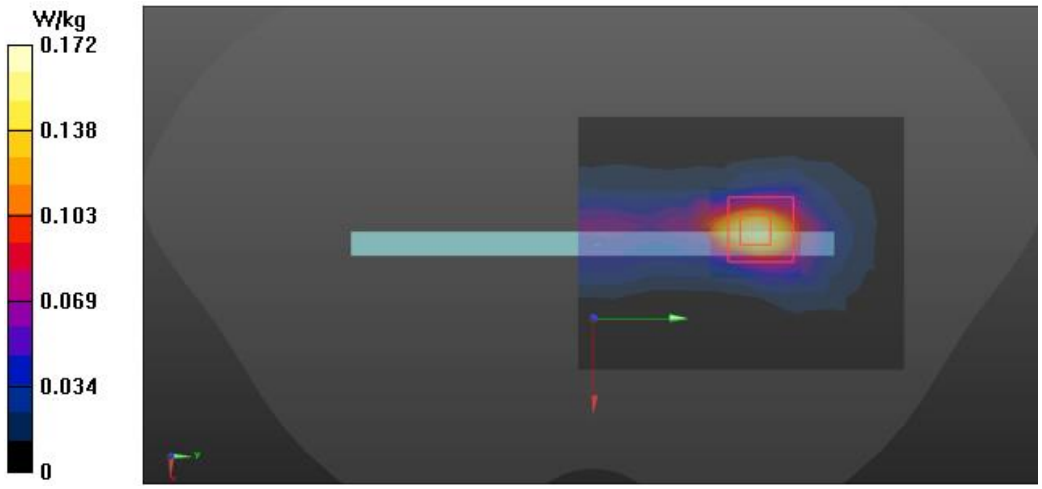
- Probe: EX3DV4 - SN3697;ConvF(7.14, 7.14, 7.14) @ 2441 MHz; Calibrated: 2022-03-28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1587; Calibrated: 2022-07-20
- Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1724
- Measurement SW: DASY52, Version 52.10 (4);

Configuration 2/Bluetooth_BDR_DH5_CH39_Left_10 mm/Area Scan (8x10x1): Measurement grid: dx=12mm, dy=12mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.172 W/kg

Configuration 2/Bluetooth_BDR_DH5_CH39_Left_10 mm/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.566 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.234 W/kg
SAR(1 g) = 0.102 W/kg; SAR(10 g) = 0.044 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.181 W/kg



88)

Date: 12/20/2022

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 1. GSM 1900_Phablet.da53:2

DUT: SM-A346MDSN, Type: Mobile Phone, Serial: R3CTA0ARBEJ

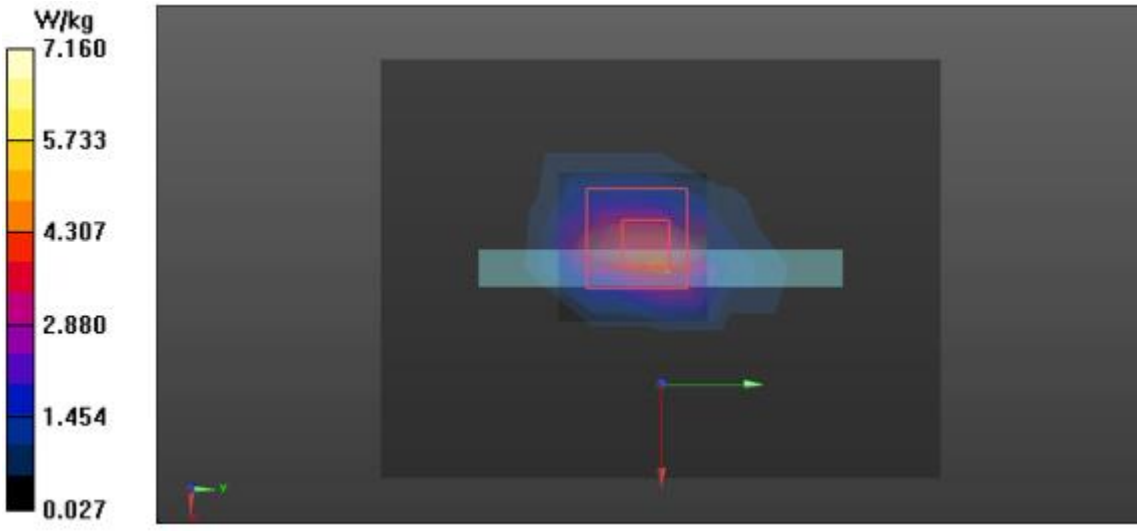
Communication System: UID 0, GSM 1900_2Tx (0); Frequency: 1850.2 MHz; Duty Cycle: 1:4.14954
Medium parameters used: f = 1850.2 MHz; σ = 1.389 S/m; ε_r = 40.224; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3928;ConvF(7.72, 7.72, 7.72) @ 1850.2 MHz; Calibrated: 3/3/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1342; Calibrated: 5/31/2022
- Phantom: Twin-SAM V8.0_Right; Type: QD 000 P41 Ax; Serial: 1984
- Measurement SW: DASY52, Version 52.10 (4);

Configuration 3/GSM1900_GPRS 2Tx_CH512_Bottom_0 mm Grip Sensor on/Area Scan (7x9x1):
Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 4.23 W/kg

Configuration 3/GSM1900_GPRS 2Tx_CH512_Bottom_0 mm Grip Sensor on/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 57.20 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 9.26 W/kg
SAR(1 g) = 3.79 W/kg; SAR(10 g) = 1.62 W/kg
Maximum value of SAR (measured) = 7.16 W/kg



89)

Date: 12/20/2022

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 2. WCDMA_FDD II_Phablet.da53:2

DUT: SM-A346MDSN, Type: Mobile Phone, Serial: R3CTA0ARBEJ

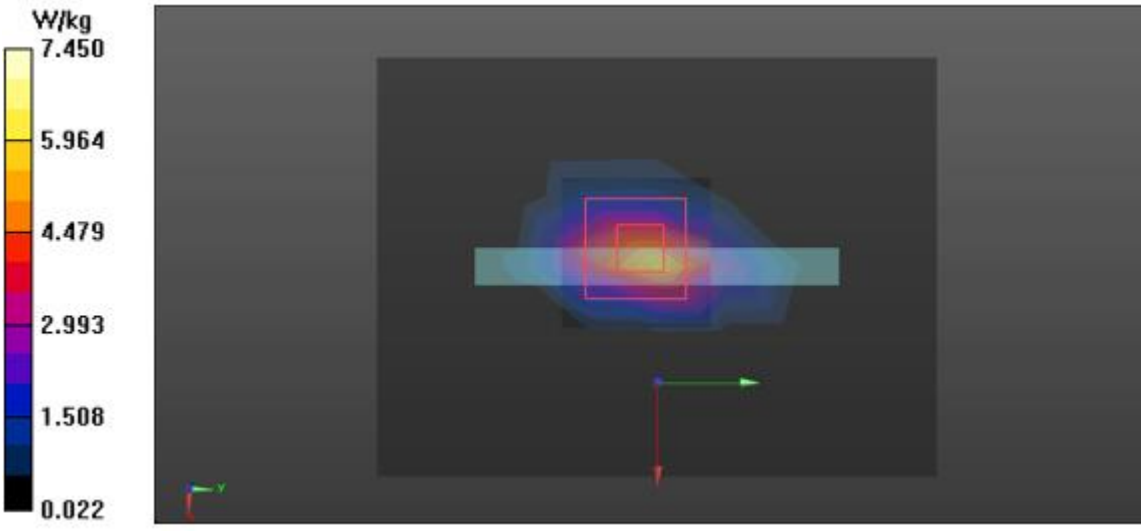
Communication System: UID 0, W-CDMA 1900 (Band 2) (0); Frequency: 1852.4 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1852.4 MHz; σ = 1.39 S/m; ε_r = 40.221; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3928;ConvF(7.72, 7.72, 7.72) @ 1852.4 MHz; Calibrated: 3/3/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1342; Calibrated: 5/31/2022
- Phantom: Twin-SAM V8.0_Right; Type: QD 000 P41 Ax; Serial: 1984
- Measurement SW: DASY52, Version 52.10 (4);

Configuration 3/WCDMA_FDD II_CH9262_Bottom_0 mm Grip Sensor on/Area Scan (7x9x1):
Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 5.73 W/kg

Configuration 3/WCDMA_FDD II_CH9262_Bottom_0 mm Grip Sensor on/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 66.05 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 9.62 W/kg
SAR(1 g) = 3.85 W/kg; SAR(10 g) = 1.67 W/kg
Maximum value of SAR (measured) = 7.45 W/kg



90)

Date: 12/21/2022

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 4. WCDMA_FDD IV_Phablet.da53:2

DUT: SM-A346MDSN, Type: Mobile Phone, Serial: R3CTA0ARBEJ

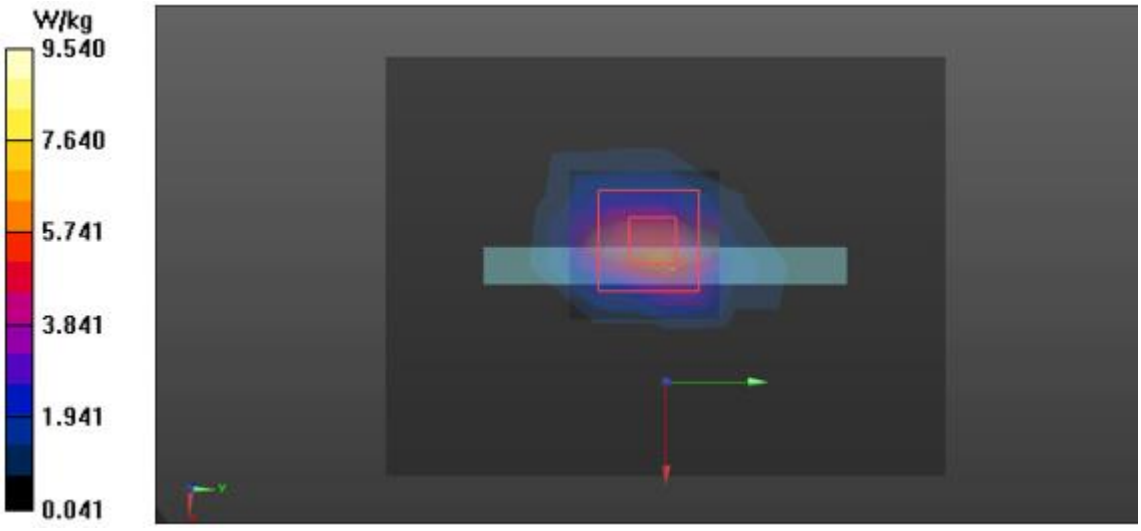
Communication System: UID 0, W-CDMA 1700 (Band 4) (0); Frequency: 1752.6 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1752.6 MHz; σ = 1.338 S/m; ε_r = 41.27; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3928;ConvF(8.01, 8.01, 8.01) @ 1752.6 MHz; Calibrated: 3/3/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1342; Calibrated: 5/31/2022
- Phantom: Twin-SAM V8.0_Right; Type: QD 000 P41 Ax; Serial: 1984
- Measurement SW: DASY52, Version 52.10 (4);

Configuration 3/WCDMA_FDD IV_CH1513_Bottom_0 mm Grip Sensor on/Area Scan (7x9x1):
Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 5.84 W/kg

Configuration 3/WCDMA_FDD IV_CH1513_Bottom_0 mm Grip Sensor on/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 69.21 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 12.3 W/kg
SAR(1 g) = 5.02 W/kg; SAR(10 g) = 2.18 W/kg
Maximum value of SAR (measured) = 9.54 W/kg



91)

Date: 2023-01-02

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 1.LTE Band 2_QPSK_20 MHz_Body-Phablet.da53:2

DUT: SM-A346MDSN, Type: Mobile Phone, Serial: 67EAC23D90337ECE

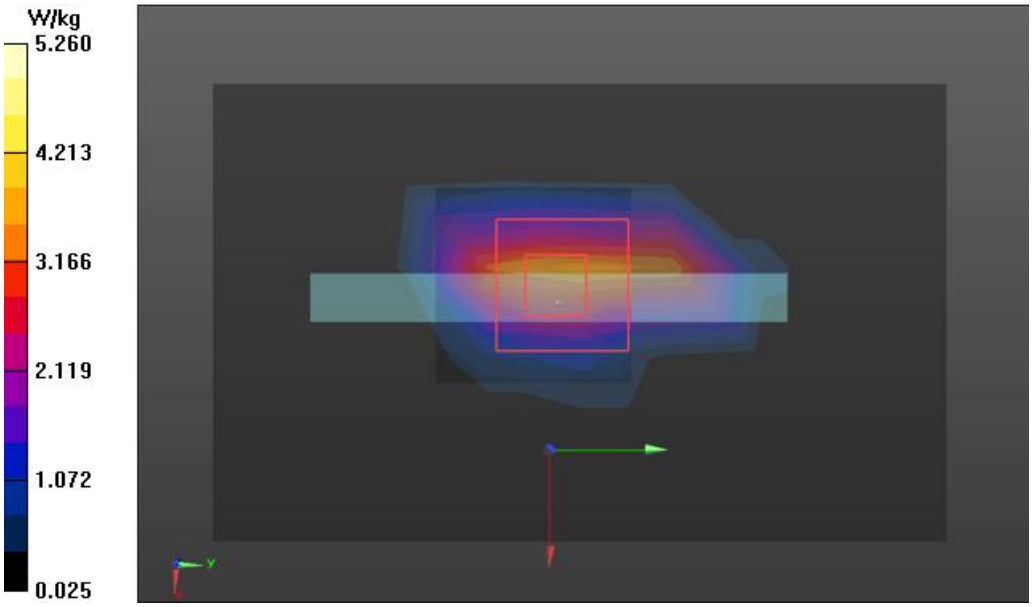
Communication System: UID 0, LTE Band 2 (0); Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.437 S/m; ε_r = 38.656; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3865;ConvF(8.43, 8.43, 8.43) @ 1880 MHz; Calibrated: 2022-01-27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1567; Calibrated: 2022-03-24
- Phantom: Twin-SAM V4.0; Type: QD 000 P40 CC; Serial: 1728
- Measurement SW: DASY52, Version 52.10 (4);

Configuration 3/LTE Band 2_QPSK_20MHz_50RB 24 Offset_CH18900_Bottom_0 mm/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 3.66 W/kg

Configuration 3/LTE Band 2_QPSK_20MHz_50RB 24 Offset_CH18900_Bottom_0 mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 62.96 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 6.67 W/kg
SAR(1 g) = 2.84 W/kg; SAR(10 g) = 1.24 W/kg
Maximum value of SAR (measured) = 5.26 W/kg



92)

Date: 2023-01-03

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 3. LTE Band 66_QPSK_20MHz_Phablet.da53:2

DUT: SM-A346MDSN, Type: Mobile Phone, Serial: 67EAC23D90337ECE

Communication System: UID 0, LTE Band 66 (0); Frequency: 1745 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1745 MHz; σ = 1.354 S/m; ε_r = 38.617; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

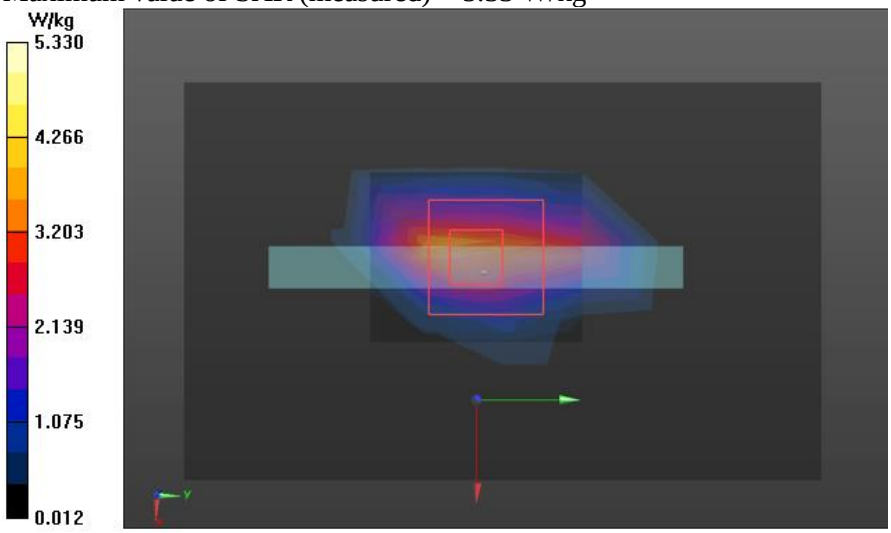
- Probe: EX3DV4 - SN3865;ConvF(8.83, 8.83, 8.83) @ 1745 MHz; Calibrated: 2022-01-27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1567; Calibrated: 2022-03-24
- Phantom: Twin-SAM V4.0; Type: QD 000 P40 CC; Serial: 1728
- Measurement SW: DASY52, Version 52.10 (4);

Configuration 3/LTE Band 66_QPSK_20MHz_50RB 24Offset_CH132072_Bottom_0 mm/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 3.46 W/kg

Configuration 3/LTE Band 66_QPSK_20MHz_50RB 24Offset_CH132072_Bottom_0 mm/Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 62.96 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 6.92 W/kg
SAR(1 g) = 2.7 W/kg; SAR(10 g) = 1.16 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 5.33 W/kg



93)

Date: 12/26/2022

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 1. 5G NR n66_Phablet.da53:2

DUT: SM-A346MDSN, Type: Mobile Phone, Serial: R3CTA0ARECT

Communication System: UID 0, 5G sub6 n66 (0); Frequency: 1745 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1745 MHz; σ = 1.328 S/m; ε_r = 38.758; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

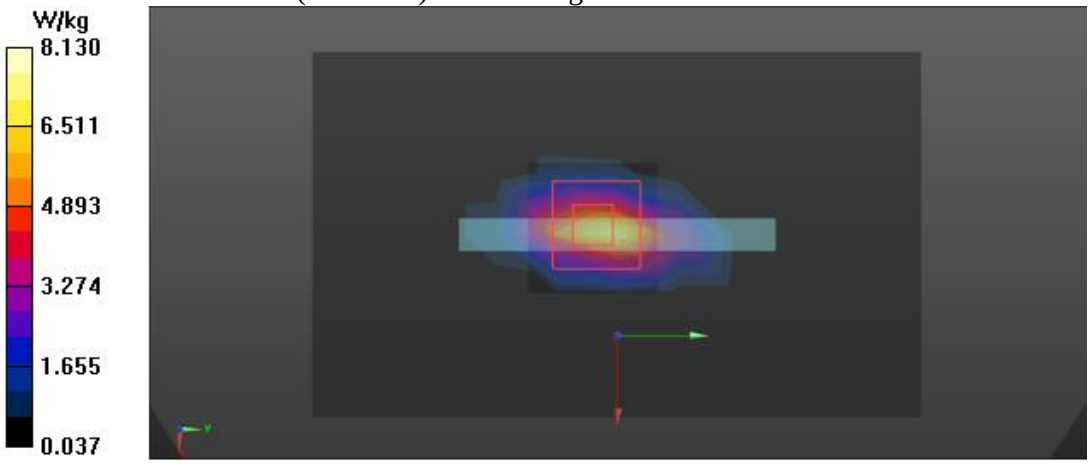
- Probe: EX3DV4 - SN7540;ConvF(8.62, 8.62, 8.62) @ 1745 MHz; Calibrated: 4/29/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn666; Calibrated: 1/26/2022
- Phantom: Twin-SAM V8.0; Type: QD 000 P41 AA; Serial: 1975
- Measurement SW: DASY52, Version 52.10 (4);

Configuration 3/5G NR n66 DFT-S-OFDM_QPSK_SCS 15kHz_40MHz 108RB 0offset_CH349000_Bottom_0 mm_Grip sensor on/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 7.25 W/kg

Configuration 3/5G NR n66 DFT-S-OFDM_QPSK_SCS 15kHz_40MHz 108RB 0offset_CH349000_Bottom_0 mm_Grip sensor on/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 76.23 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 10.2 W/kg
SAR(1 g) = 4.2 W/kg; SAR(10 g) = 1.8 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 8.13 W/kg



94)

Date: 2022-12-15

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 3. 5.3 GHz_802.11_Phablet.da53:0

DUT: SM-A346MDSN, Type: Mobile Phone, Serial: R3CT904N0ZF

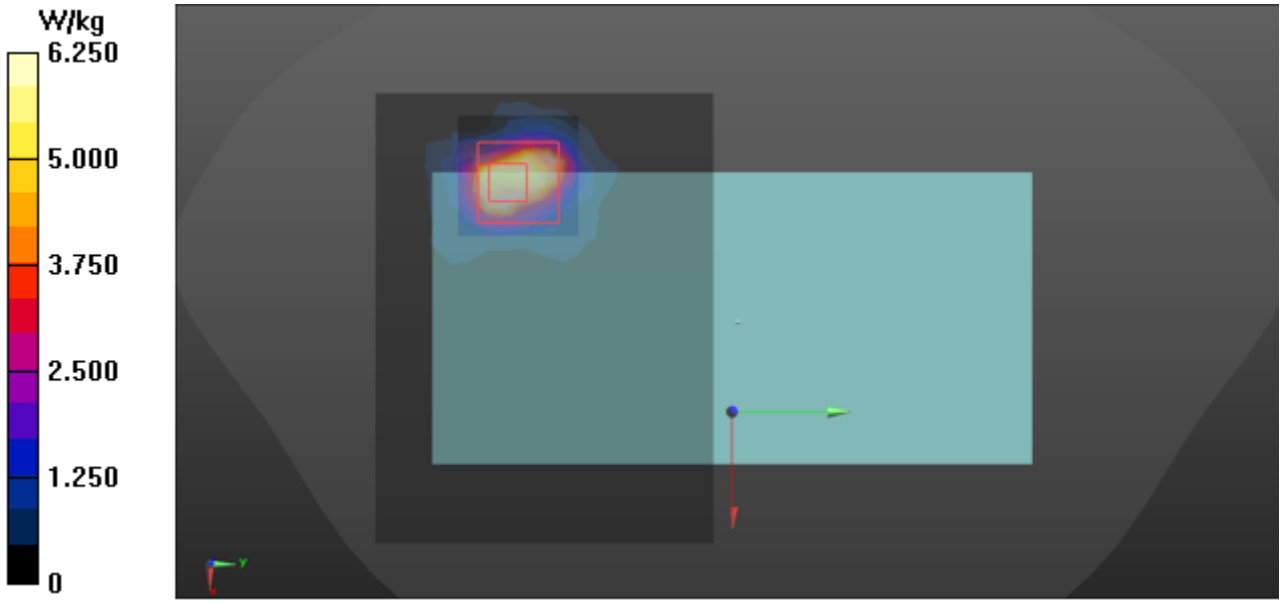
Communication System: UID 0, 5GWLAN (0); Frequency: 5320 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5320 MHz; σ = 4.818 S/m; ε_r = 34.958; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3697;ConvF(4.7, 4.7, 4.7) @ 5320 MHz; Calibrated: 2022-03-28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1587; Calibrated: 2022-07-20
- Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1724
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/802.11_a_Wi-Fi1_CH64_Rear_0 mm/Area Scan (13x10x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 6.25 W/kg

Configuration/802.11_a_Wi-Fi1_CH64_Rear_0 mm/Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 10.14 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 32.5 W/kg
SAR(1 g) = 3.87 W/kg; SAR(10 g) = 1.15 W/kg
Maximum value of SAR (measured) = 11.1 W/kg



95)

Date: 2022-12-15

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 3. 5.3 GHz_802.11_Phablet.da53:1

DUT: SM-A346MDSN , Type: Mobile Phone, Serial: R3CT904N0ZF

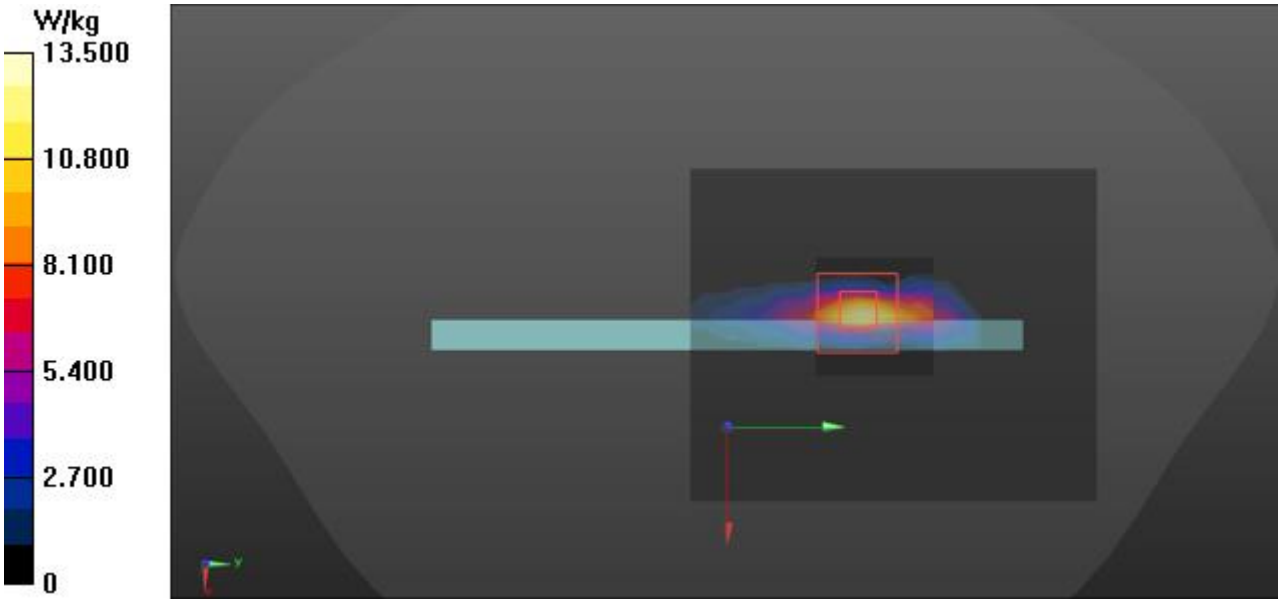
Communication System: UID 0, 5GWLAN (0); Frequency: 5320 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5320 MHz; σ = 4.818 S/m; ε_r = 34.958; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3697;ConvF(4.7, 4.7, 4.7) @ 5320 MHz; Calibrated: 2022-03-28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1587; Calibrated: 2022-07-20
- Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1724
- Measurement SW: DASY52, Version 52.10 (4);

Configuration 2/802.11_a_Wi-Fi2_CH64_Left_0 mm/Area Scan (10x12x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 13.5 W/kg

Configuration 2/802.11_a_Wi-Fi2_CH64_Left_0 mm/Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 7.006 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 34.4 W/kg
SAR(1 g) = 4.67 W/kg; SAR(10 g) = 1.15 W/kg
Maximum value of SAR (measured) = 13.8 W/kg



96)

Date: 2022-12-15

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 3. 5.3 GHz_802.11_Phablet.da53:1

DUT: SM-A346MDSN , Type: Mobile Phone, Serial: R3CT904N0ZF

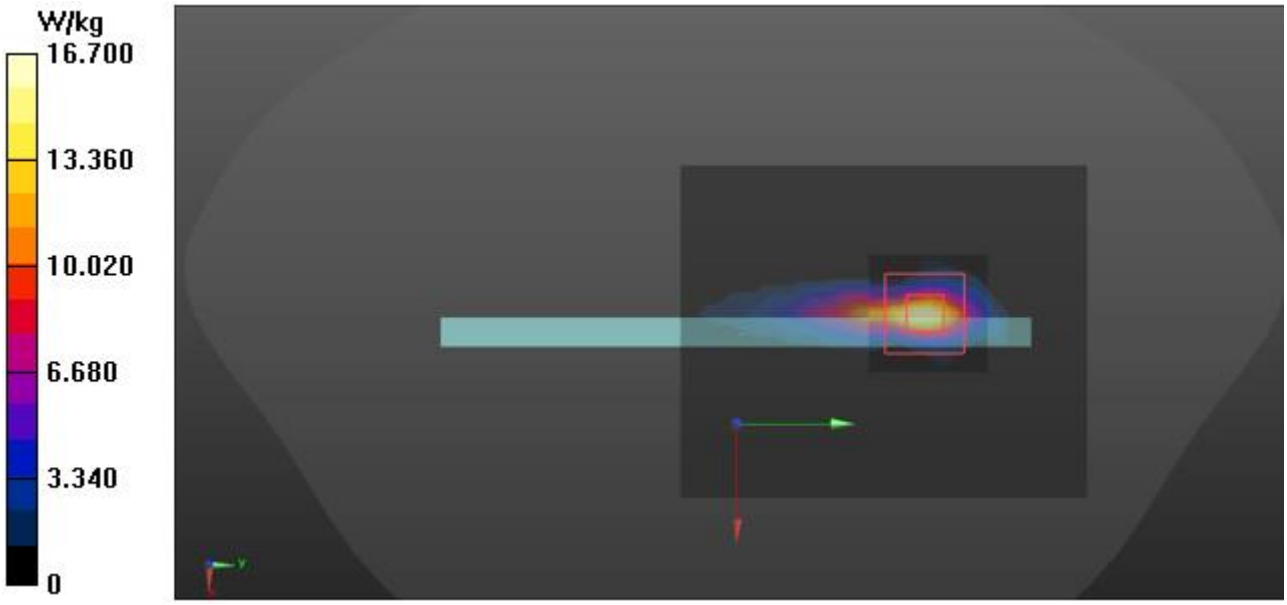
Communication System: UID 0, 5GWLAN (0); Frequency: 5320 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5320 MHz; σ = 4.818 S/m; ε_r = 34.958; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3697;ConvF(4.7, 4.7, 4.7) @ 5320 MHz; Calibrated: 2022-03-28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1587; Calibrated: 2022-07-20
- Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1724
- Measurement SW: DASY52, Version 52.10 (4);

Configuration 2/802.11_a_MIMO_CH64_Left_0 mm/Area Scan (10x12x1): Measurement grid:
dx=10mm, dy=10mm
Maximum value of SAR (measured) = 16.7 W/kg

Configuration 2/802.11_a_MIMO_CH64_Left_0 mm/Zoom Scan (9x9x7)/Cube 0: Measurement grid:
dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 7.173 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 38.8 W/kg
SAR(1 g) = 6.56 W/kg; SAR(10 g) = 1.6 W/kg
Maximum value of SAR (measured) = 19.3 W/kg



97)

Date: 2022-12-21

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 3. 5.6 GHz_802.11_Phablet.da53:1

DUT: SM-A346MDSN , Type: Mobile Phone, Serial: R3CT904N0ZF

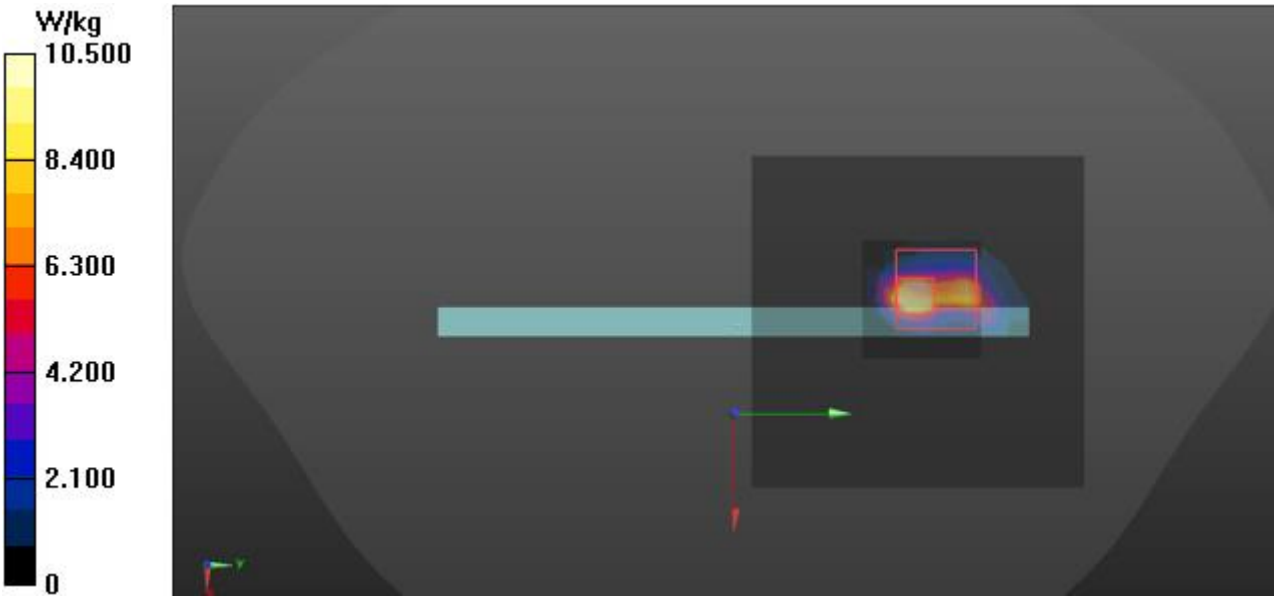
Communication System: UID 0, 5GWLAN (0); Frequency: 5500 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5500 MHz; σ = 5.021 S/m; ε_r = 34.987; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3697;ConvF(4.39, 4.39, 4.39) @ 5500 MHz; Calibrated: 2022-03-28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1587; Calibrated: 2022-07-20
- Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1724
- Measurement SW: DASY52, Version 52.10 (4);

Configuration 2/802.11_a_Wi-Fi1_CH100_Left_0 mm/Area Scan (10x10x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 10.5 W/kg

Configuration 2/802.11_a_Wi-Fi1_CH100_Left_0 mm/Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 9.392 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 37.3 W/kg
SAR(1 g) = 4.89 W/kg; SAR(10 g) = 1.14 W/kg
Maximum value of SAR (measured) = 15.4 W/kg



98)

Date: 2022-12-21

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 3. 5.6 GHz_802.11_Phablet.da53:1

DUT: SM-A346MDSN , Type: Mobile Phone, Serial: R3CT904N0ZF

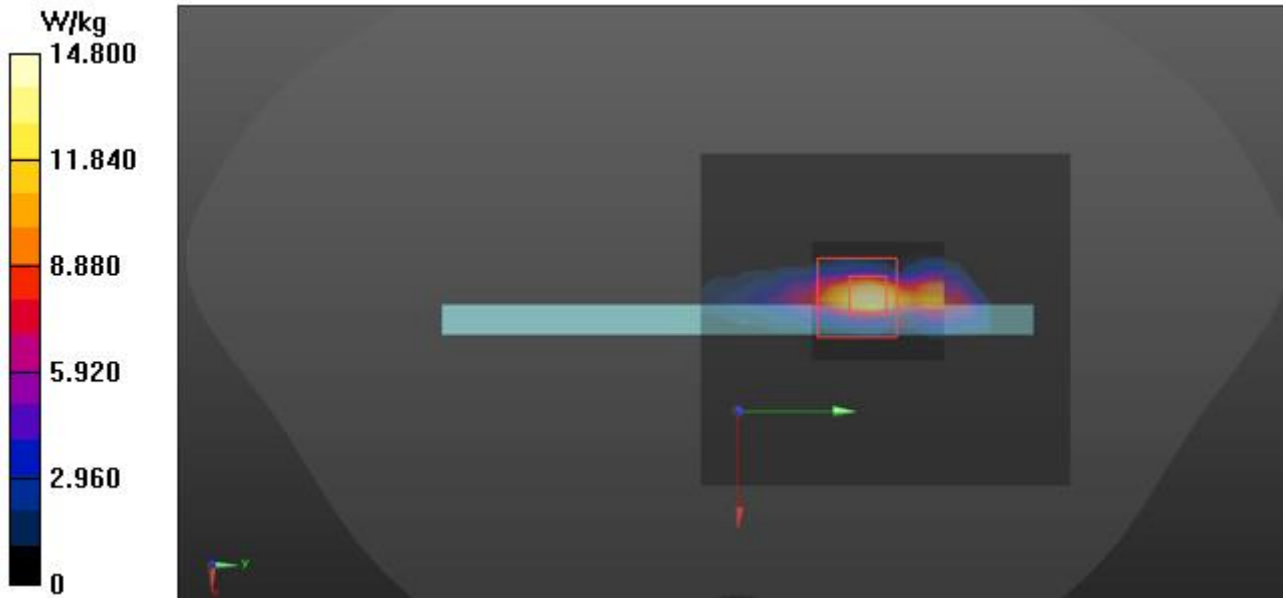
Communication System: UID 0, 5GWLAN (0); Frequency: 5500 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5500 MHz; σ = 5.021 S/m; ε_r = 34.987; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3697;ConvF(4.39, 4.39, 4.39) @ 5500 MHz; Calibrated: 2022-03-28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1587; Calibrated: 2022-07-20
- Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1724
- Measurement SW: DASY52, Version 52.10 (4);

Configuration 2/802.11_a_Wi-Fi2_CH100_Left_0 mm/Area Scan (10x11x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 14.8 W/kg

Configuration 2/802.11_a_Wi-Fi2_CH100_Left_0 mm/Zoom Scan (9x10x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 9.548 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 45.9 W/kg
SAR(1 g) = 5.78 W/kg; SAR(10 g) = 1.37 W/kg
Maximum value of SAR (measured) = 16.9 W/kg



99)

Date: 2022-12-21

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 3. 5.6 GHz_802.11_Phablet.da53:1

DUT: SM-A346MDSN , Type: Mobile Phone, Serial: R3CT904N0ZF

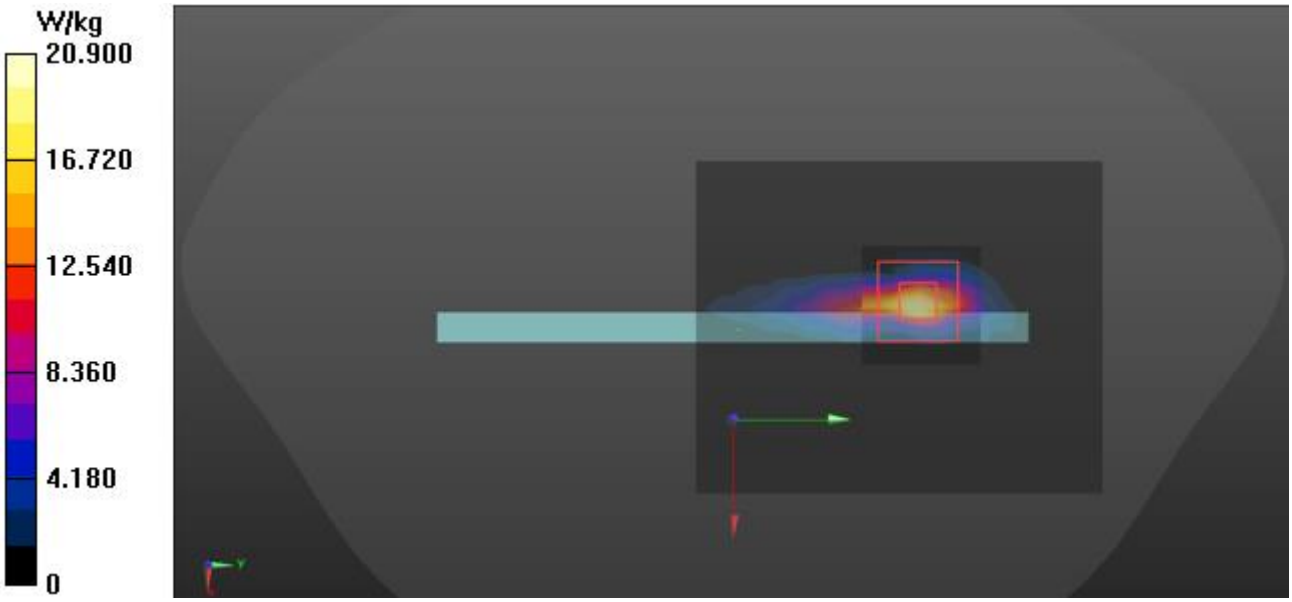
Communication System: UID 0, 5GWLAN (0); Frequency: 5500 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5500 MHz; σ = 5.021 S/m; ε_r = 34.987; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3697;ConvF(4.39, 4.39, 4.39) @ 5500 MHz; Calibrated: 2022-03-28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1587; Calibrated: 2022-07-20
- Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1724
- Measurement SW: DASY52, Version 52.10 (4);

Configuration 2/802.11_a_MIMO_CH100_Left_0 mm/Area Scan (10x12x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 20.9 W/kg

Configuration 2/802.11_a_MIMO_CH100_Left_0 mm/Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 5.894 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 53.0 W/kg
SAR(1 g) = 8.01 W/kg; SAR(10 g) = 1.96 W/kg
Maximum value of SAR (measured) = 23.9 W/kg



100)

Eurofins KCTL Co.,Ltd.

Measurement Report for SM-A346MDSN, BACK, Custom Band NFC, UID 0 -, Channel 13600 (13.6MHz)

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
SM-A346MDSN, SAMSUNG	162.0 x 78.0 x 9.0	R3CTA0ARBEJ	Phone

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	BACK, 0.00	Custom Band	CW, 0--	13.6, 13600	15.42	0.760	55.3

Hardware Setup

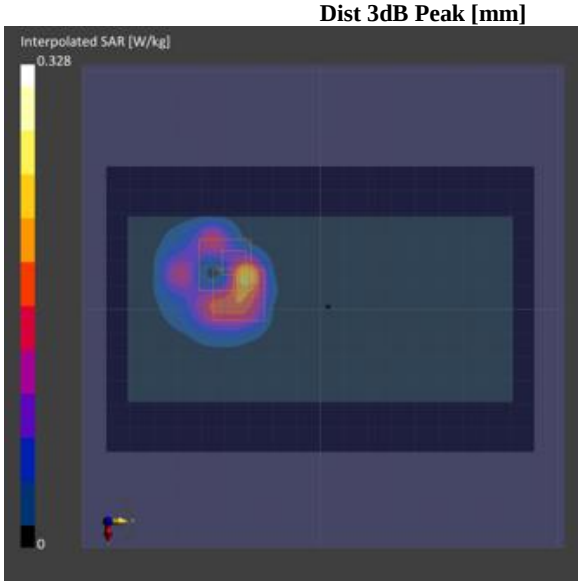
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2098	HBBL-4-250 , 2022-Dec-27	EX3DV4 - SN3928, 2022-03-03	DAE4 Sn1342, 2022-05-31

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	3.8 x 3.8 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	No	Yes
Grading Ratio	N/A	1.4
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2022-12-27	2022-12-27
psSAR1g [W/kg]	0.059	0.069
psSAR8g [W/kg]	0.042	0.026
psSAR10g [W/kg]	0.040	0.023
psAPD (1.0cm2, sq) [W/m2]		0.692
psAPD (4.0cm2, sq) [W/m2]		0.523
Power Drift [dB]		0.15
M2/M1 [%]		54.8
Dist 3dB Peak [mm]		4.9



Appendixes List

Appendix A	A.1 Probe Calibration certificate (EX3DV4_3697) A.2 Probe Calibration certificate (EX3DV4_3865) A.3 Probe Calibration certificate (EX3DV4_3928) A.4 Probe Calibration certificate (EX3DV4_7540) A.5 Confined Loop Antennas Calibration certificate (CLA13_1019) A.6 Dipole Calibration certificate (D750V3_1183) A.7 Dipole Calibration certificate (D850V2_1006) A.8 Dipole Calibration certificate (D1750V2_1072) A.9 Dipole Calibration certificate (D1900V2_5d160) A.10 Dipole Calibration certificate (D2450V2_895) A.11 Dipole Calibration certificate (D2600V2_1050) A.12 Dipole Calibration certificate (D5GHzV2_1134)
Appendix B	SAR Tissue Specification
Appendix C	LTE CA RF Conducted Power
Appendix D	#Antenna Location & Distance
Appendix E	EUT Photo
Appendix F	Test Setup Photo
Appendix G	Power Reduction Verification