17. Test Results

1)

Date: 2023-01-06

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

DUT: SM-A346BDSN, Type: Mobile Phone, Serial: R3CTA0N82LP

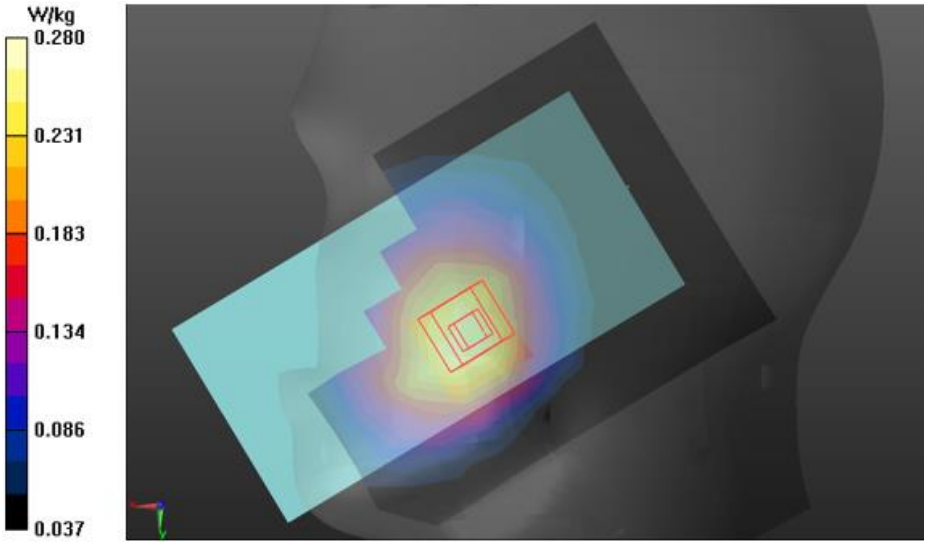
Communication System: UID 0, GSM850_2TX (0); Frequency: 836.6 MHz; Duty Cycle: 1:4.14954
Medium parameters used: f = 836.6 MHz; σ = 0.919 S/m; ε_r = 40.658; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7770;ConvF(8.73, 8.73, 8.73) @ 836.6 MHz; Calibrated: 2022-11-18
- 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 (9x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.266 W/kg

Configuration/GSM850_GPRS 2Tx_CH190_Right Cheek/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.20 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.296 W/kg
SAR(1 g) = 0.241 W/kg; SAR(10 g) = 0.187 W/kg
Maximum value of SAR (measured) = 0.280 W/kg



2)

Date: 1/5/2023

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

DUT: SM-A346BDSN, Type: Mobile Phone, Serial: R3CTA0N82LP

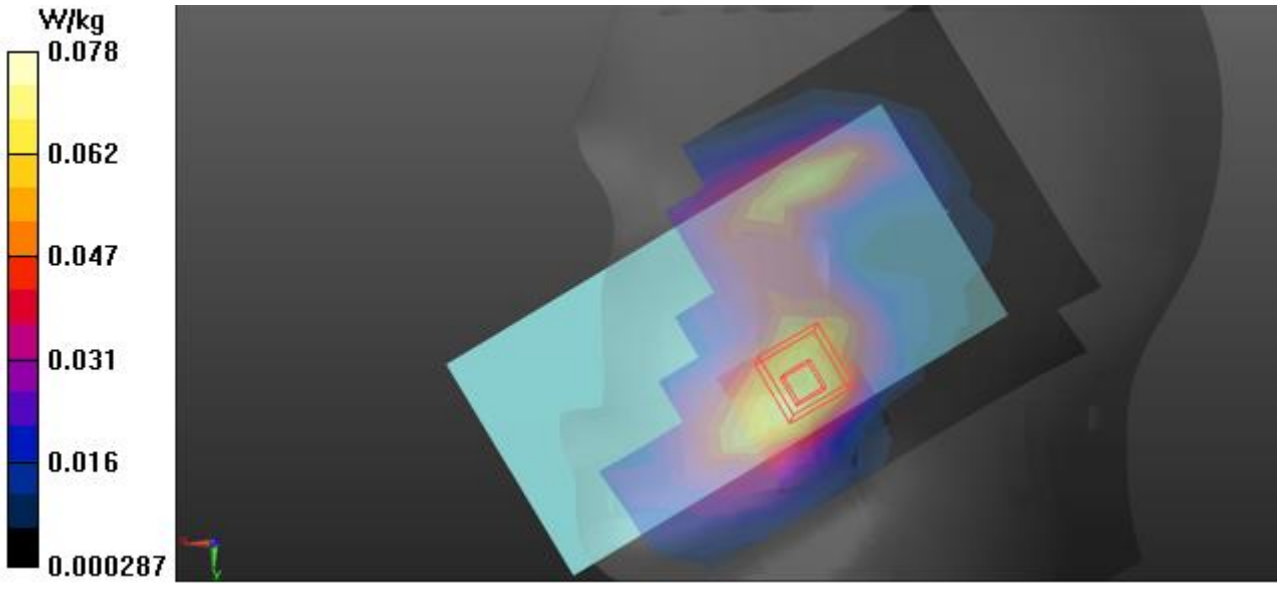
Communication System: UID 0, GSM 1900_2Tx (0); Frequency: 1880 MHz; Duty Cycle: 1:4.14954
Medium parameters used: f = 1880 MHz; σ = 1.357 S/m; ε_r = 40.028; ρ = 1000 kg/m^3
Phantom section: Right Section

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) = 0.0713 W/kg

Configuration/GSM1900_GPRS 2Tx_CH661_Right Cheek/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.608 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.0910 W/kg
SAR(1 g) = 0.057 W/kg; SAR(10 g) = 0.037 W/kg
Maximum value of SAR (measured) = 0.0776 W/kg



3)

Date: 1/5/2023

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

DUT: SM-A346BDSN, Type: Mobile Phone, Serial: R3CTA0N82LP

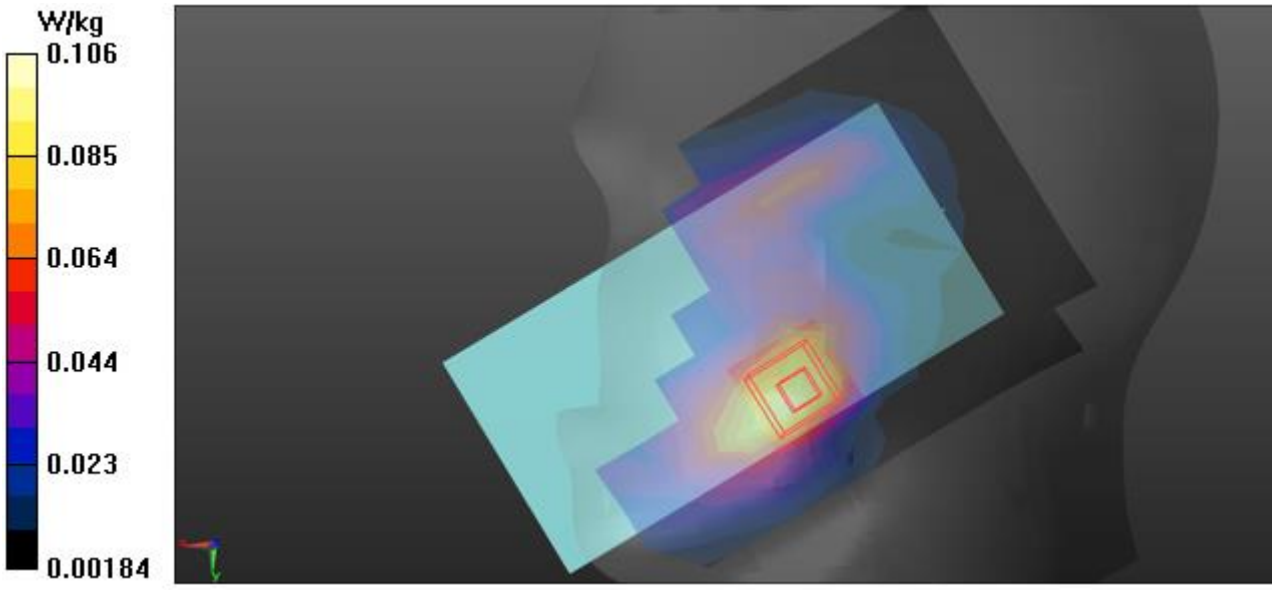
Communication System: UID 0, W-CDMA 1900 (Band 2) (0); Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.357 S/m; ε_r = 40.028; ρ = 1000 kg/m^3
Phantom section: Right Section

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) = 0.102 W/kg

Configuration/WCDMA_FDD II_CH9400_Right Cheek/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.853 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 0.124 W/kg
SAR(1 g) = 0.079 W/kg; SAR(10 g) = 0.050 W/kg
Maximum value of SAR (measured) = 0.106 W/kg



4)

Date: 1/4/2023

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

DUT: SM-A346BDSN, Type: Mobile Phone, Serial: R3CTA0N82LP

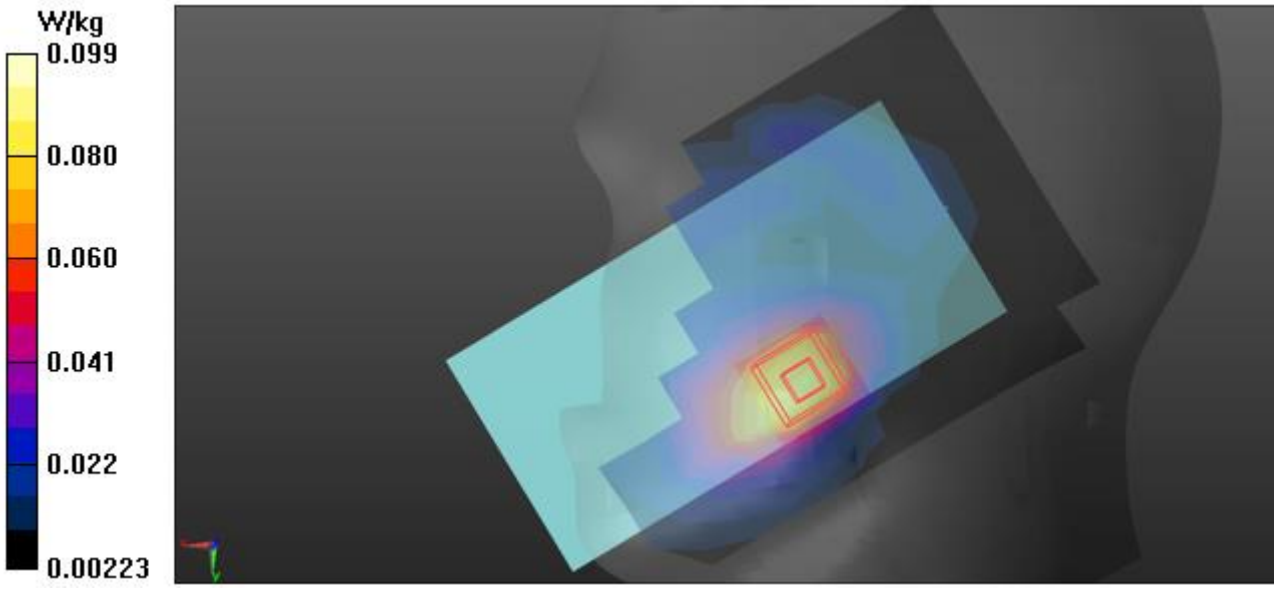
Communication System: UID 0, W-CDMA 1700 (Band 4) (0); Frequency: 1732.4 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1732.4 MHz; σ = 1.379 S/m; ε_r = 38.664; ρ = 1000 kg/m^3
Phantom section: Right Section

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 2/Area Scan (9x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0881 W/kg

Configuration/WCDMA_FDD IV_CH1412_Right Cheek 2/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.581 V/m; Power Drift = -0.19 dB
Peak SAR (extrapolated) = 0.113 W/kg
SAR(1 g) = 0.075 W/kg; SAR(10 g) = 0.048 W/kg
Maximum value of SAR (measured) = 0.0993 W/kg



5)

Date: 2023-01-06

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

DUT: SM-A346BDSN, Type: Mobile Phone, Serial: R3CTA0N82LP

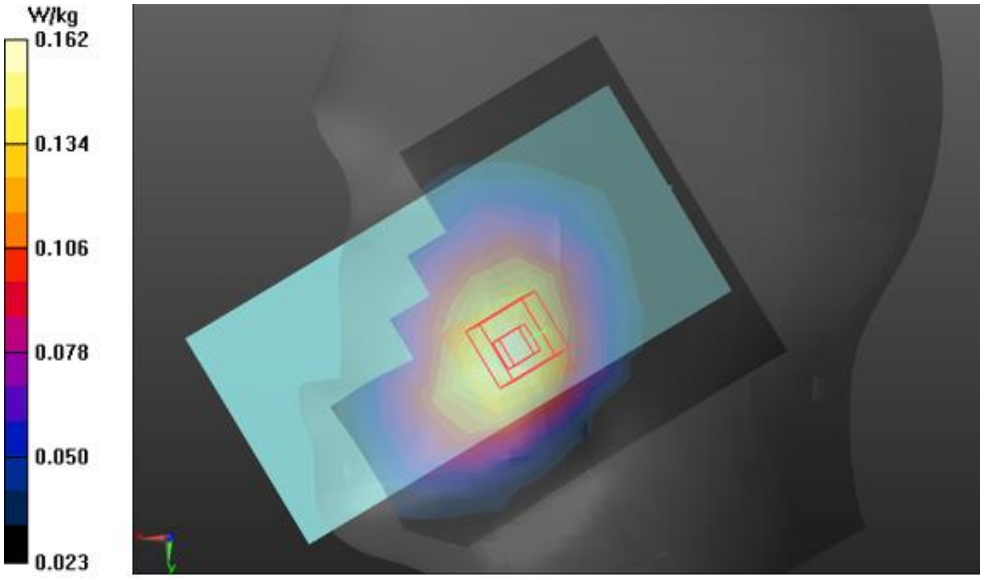
Communication System: UID 0, W-CDMA 850 (Band 5) (0); Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium parameters used: f = 836.6 MHz; σ = 0.919 S/m; ε_r = 40.658; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7770;ConvF(8.73, 8.73, 8.73) @ 836.6 MHz; Calibrated: 2022-11-18
- 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 _CH4183_Right Cheek/Area Scan (9x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.164 W/kg

Configuration/WCDMA V _CH4183_Right Cheek/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.08 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.177 W/kg
SAR(1 g) = 0.139 W/kg; SAR(10 g) = 0.109 W/kg
Maximum value of SAR (measured) = 0.162 W/kg



6)

Date: 2023-01-10

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

DUT: SM-A346BDSN, Type: Mobile Phone, Serial: R3CTA0N82LP

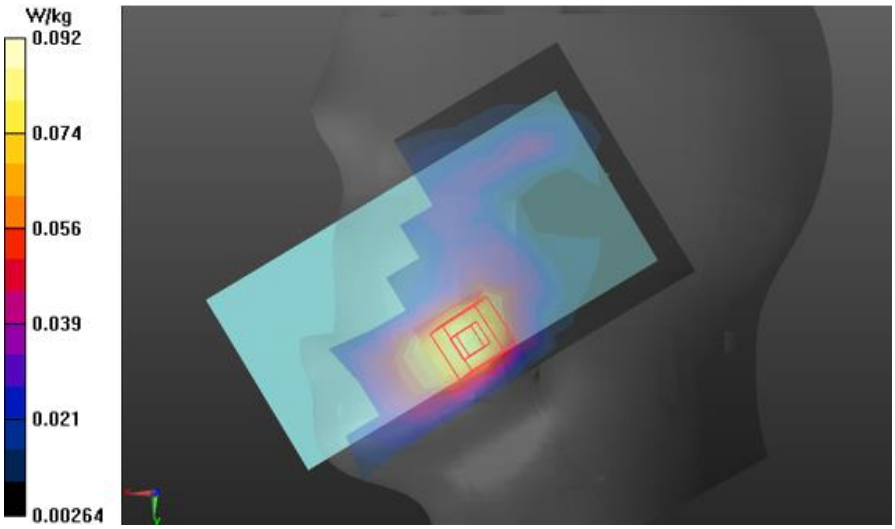
Communication System: UID 0, LTE Band 2 (0); Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.449 S/m; ε_r = 38.407; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7770;ConvF(7.57, 7.57, 7.57) @ 1880 MHz; Calibrated: 2022-11-18
- 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) = 0.0801 W/kg

Configuration/LTE Band 2_QPSK_20 MHz_1 RB_49Offset_CH20525_Right Cheek/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.153 V/m; Power Drift = 0.19 dB
Peak SAR (extrapolated) = 0.108 W/kg
SAR(1 g) = 0.068 W/kg; SAR(10 g) = 0.043 W/kg
Maximum value of SAR (measured) = 0.0924 W/kg



7)

Date: 2023-01-06

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

DUT: SM-A346BDSN, Type: Mobile Phone, Serial: R3CTA0N82LP

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 = 0.919 S/m; ε_r = 40.658; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:

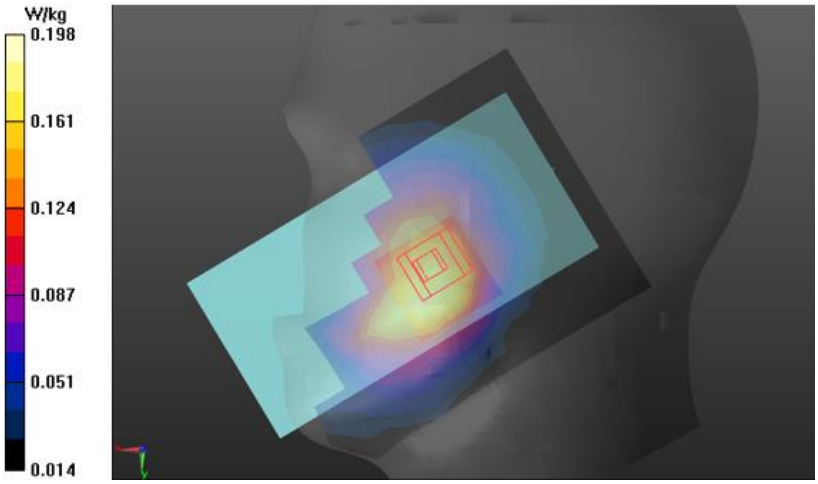
- Probe: EX3DV4 - SN7770;ConvF(8.73, 8.73, 8.73) @ 836.5 MHz; Calibrated: 2022-11-18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1567; Calibrated: 2022-03-24
- Phantom: Twin-SAM V4.0; Type: QD 000 P40 CC; Serial: 1728
- Measurement SW: DASY52, Version 52.10 (4);

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) = 0.195 W/kg

Configuration/LTE Band 5_QPSK_10 MHz_1 RB_25Offset_CH20525_Right Cheek/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.90 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.215 W/kg
SAR(1 g) = 0.169 W/kg; SAR(10 g) = 0.127 W/kg

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



8)

Date: 2023-01-06

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 1.LTE Band 12_QPSK_20 MHz_Head.da53:0

DUT: SM-A346BDSN, Type: Mobile Phone, Serial: R3CTA0N82LP

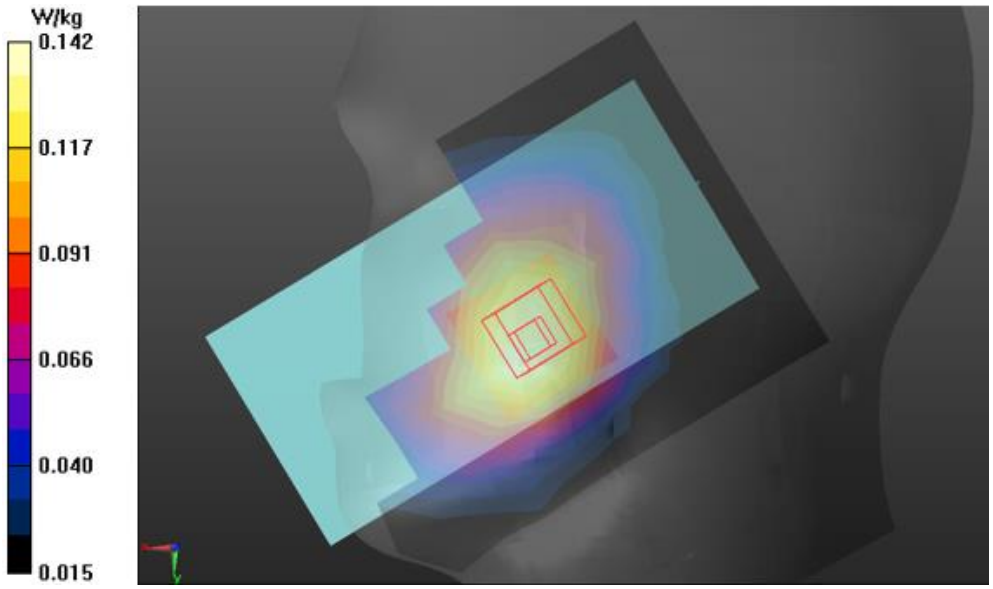
Communication System: UID 0, LTE Band 12 (0); Frequency: 707.5 MHz; Duty Cycle: 1:1
Medium parameters used: f = 707.5 MHz; σ = 0.87 S/m; ε_r = 40.971; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7770;ConvF(8.92, 8.92, 8.92) @ 707.5 MHz; Calibrated: 2022-11-18
- 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) = 0.143 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 = 11.40 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 0.160 W/kg
SAR(1 g) = 0.116 W/kg; SAR(10 g) = 0.091 W/kg
Maximum value of SAR (measured) = 0.142 W/kg



9)

Date: 2023-01-11

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

DUT: SM-A346BDSN, Type: Mobile Phone, Serial: R3CTA0N80ZZ

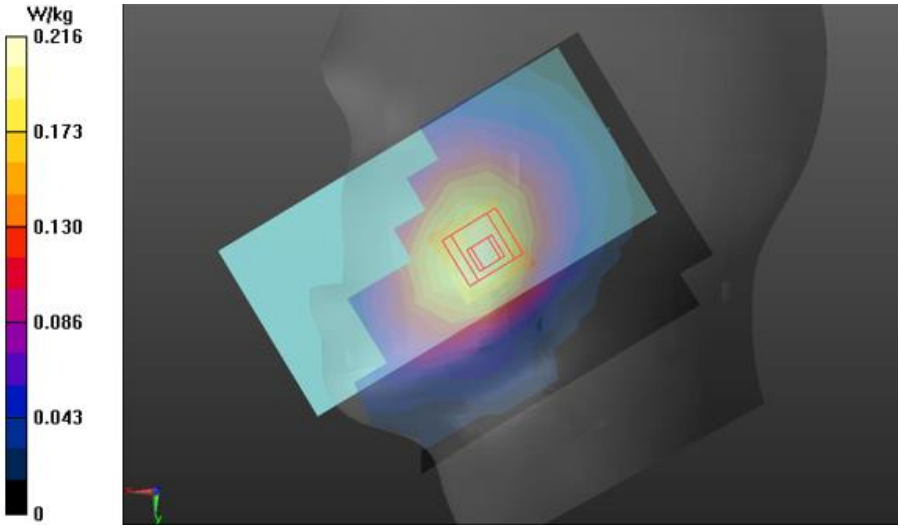
Communication System: UID 0, LTE Band 26 (0); Frequency: 831.5 MHz; Duty Cycle: 1:1
Medium parameters used: f = 831.5 MHz; σ = 0.921 S/m; ε_r = 40.522; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7770;ConvF(8.73, 8.73, 8.73) @ 831.5 MHz; Calibrated: 2022-11-18
- 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_CH20525_Right Cheek/Area Scan (9x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.216 W/kg

Configuration/LTE Band 26_QPSK_15 MHz_1 RB_36Offset_CH20525_Right Cheek/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.01 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.230 W/kg
SAR(1 g) = 0.180 W/kg; SAR(10 g) = 0.141 W/kg
Maximum value of SAR (measured) = 0.212 W/kg



10)

Date: 12/17/2022

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 1. LTE Band 41_QPSK_20 MHz_Head.da53:0

DUT: SM-A346BDSN, Type: Mobile Phone, Serial: R3CTA0N82LP

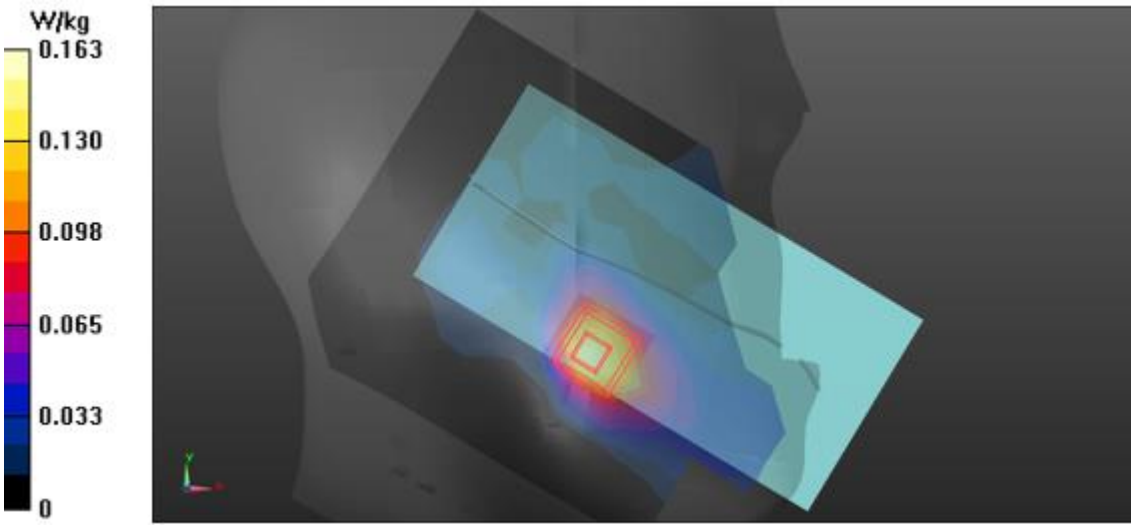
Communication System: UID 0, LTE Band 41 (0); Frequency: 2680 MHz; Duty Cycle: 1:1.58016
Medium parameters used: f = 2680 MHz; σ = 2.006 S/m; ε_r = 37.634; ρ = 1000 kg/m^3
Phantom section: Left Section

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) = 0.161 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 = 4.311 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.199 W/kg
SAR(1 g) = 0.112 W/kg; SAR(10 g) = 0.059 W/kg
Maximum value of SAR (measured) = 0.163 W/kg



11)

Date: 2023-01-09

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

DUT: SM-A346BDSN, Type: Mobile Phone, Serial: R3CTA0N82LP

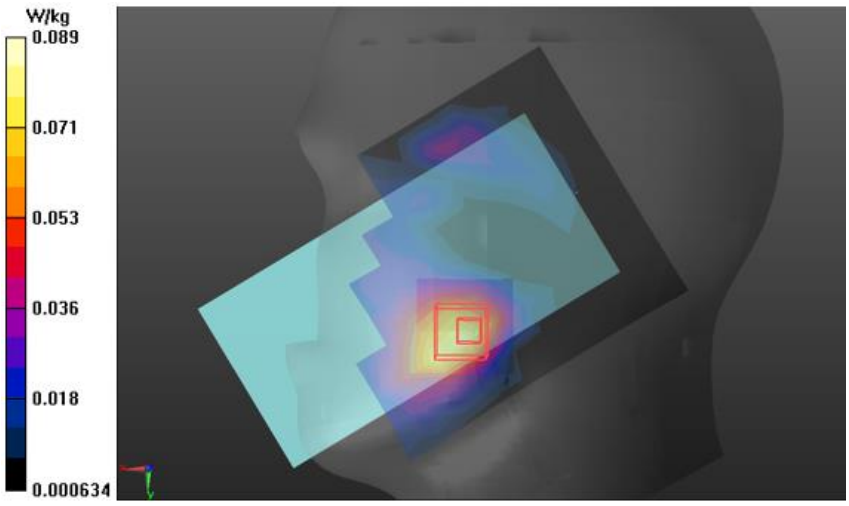
Communication System: UID 0, LTE Band 66 (0); Frequency: 1720 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1720 MHz; σ = 1.325 S/m; ε_r = 38.403; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7770;ConvF(7.99, 7.99, 7.99) @ 1720 MHz; Calibrated: 2022-11-18
- 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) = 0.0798 W/kg

Configuration/LTE Band 66_QPSK_20MHz_1RB_49Offset_CH13072_Right Cheek 0 mm/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.505 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 0.104 W/kg
SAR(1 g) = 0.066 W/kg; SAR(10 g) = 0.044 W/kg
Maximum value of SAR (measured) = 0.0885 W/kg



12)

Date: 2023-01-02

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

DUT: SM-A346BDSN, Type: Mobile Phone, Serial: R3CTA0N82DY

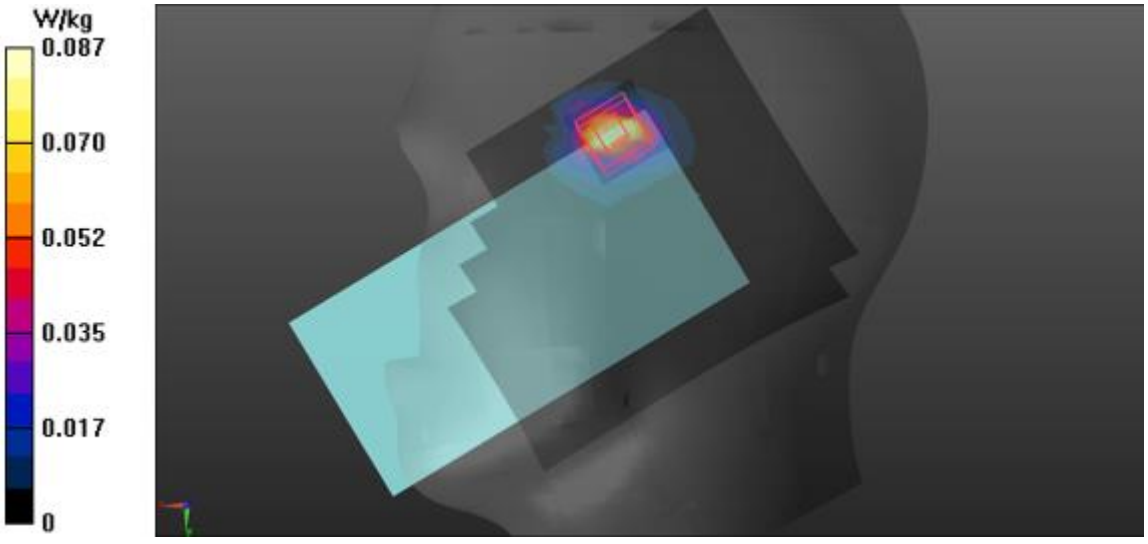
Communication System: UID 0, 2.4GWLAN (0); Frequency: 2462 MHz; Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 1.865 S/m; ε_r = 38.967; ρ = 1000 kg/m^3
Phantom section: Right Section

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) = 0.0872 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 = 1.697 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.153 W/kg
SAR(1 g) = 0.050 W/kg; SAR(10 g) = 0.017 W/kg
Maximum value of SAR (measured) = 0.111 W/kg



13)

Date: 2023-01-02

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

DUT: SM-A346BDSN, Type: Mobile Phone, Serial: R3CTA0N82DY

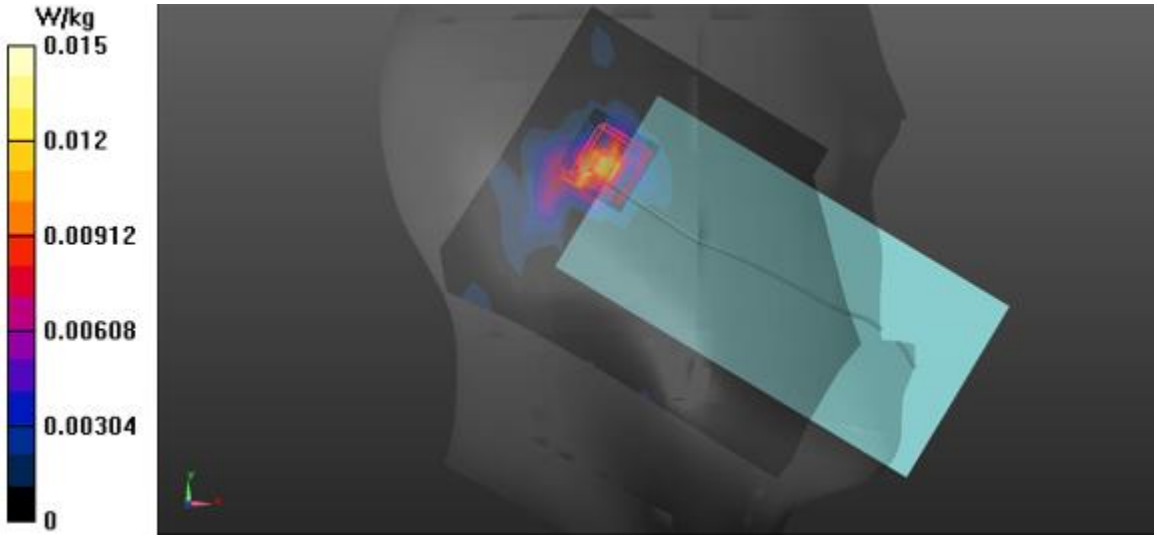
Communication System: UID 0, 2.4GWLAN (0); Frequency: 2412 MHz; Duty Cycle: 1:1
Medium parameters used: f = 2412 MHz; σ = 1.82 S/m; ε_r = 39.111; ρ = 1000 kg/m^3
Phantom section: Left Section

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 (11x14x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.0152 W/kg

Configuration 2/802.11_b_Wi-Fi2_CH1_Left Cheek 0 mm/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.052 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 0.0230 W/kg
SAR(1 g) = 0.00533 W/kg; SAR(10 g) = 0.0015 W/kg
Maximum value of SAR (measured) = 0.0138 W/kg



14)

Date: 2023-01-02

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

DUT: SM-A346BDSN, Type: Mobile Phone, Serial: R3CTA0N82DY

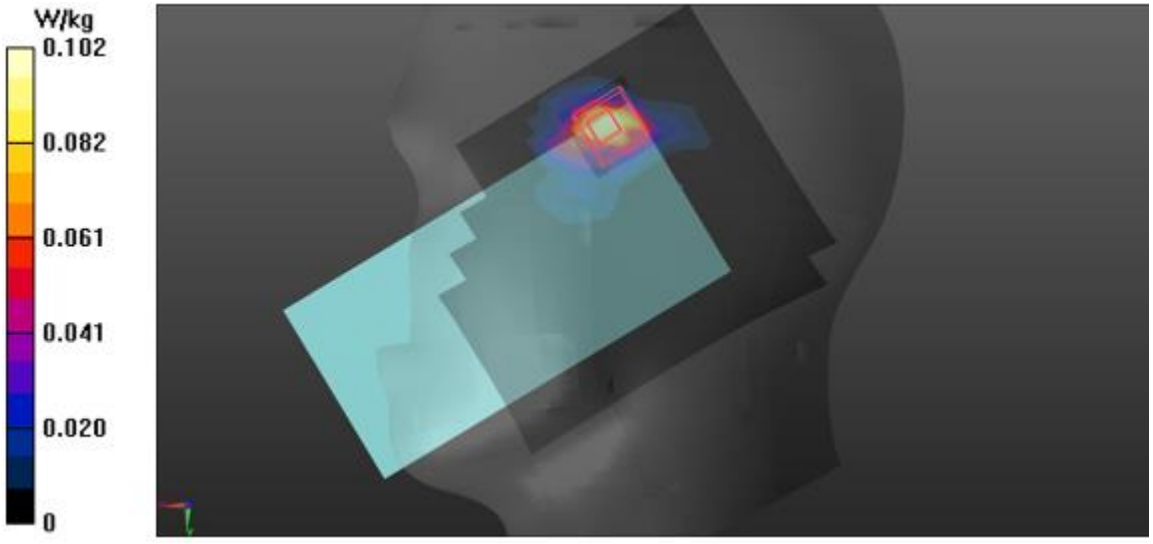
Communication System: UID 0, 2.4GWLAN (0); Frequency: 2462 MHz; Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 1.865 S/m; ε_r = 38.967; ρ = 1000 kg/m^3
Phantom section: Right Section

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) = 0.102 W/kg

Configuration/802.11_b_MIMO_CH11_Right Cheek 0 mm/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.536 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 0.435 W/kg
SAR(1 g) = 0.072 W/kg; SAR(10 g) = 0.026 W/kg
Maximum value of SAR (measured) = 0.179 W/kg



15)

Date: 2023-01-04

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

DUT: SM-A346BDSN, Type: Mobile Phone, Serial: R3CTA0N82DY

Communication System: UID 0, 5GWLAN (0); Frequency: 5290 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 5290 MHz; σ = 4.76 S/m; ε_r = 35.164; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:

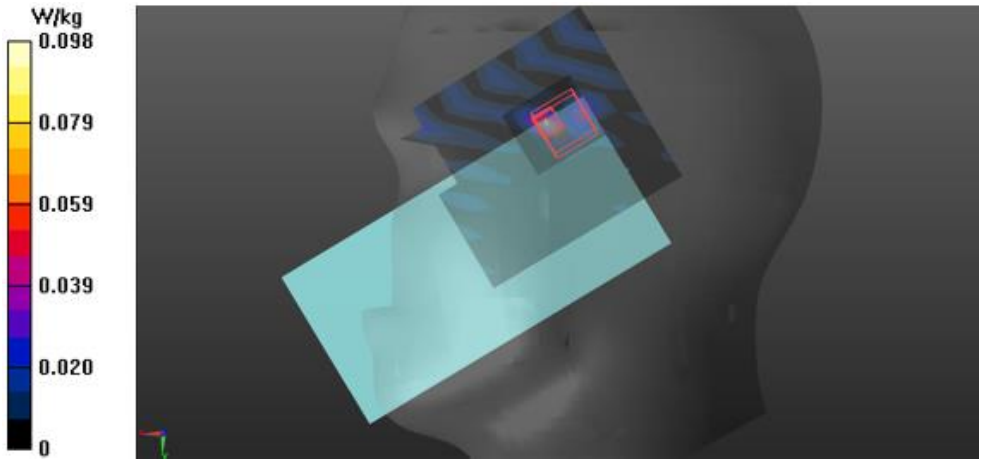
- Probe: EX3DV4 - SN3697;ConvF(4.7, 4.7, 4.7) @ 5290 MHz; Calibrated: 2022-03-28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1587; Calibrated: 2022-07-20
- Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1724
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/802.11_ac_VHT80_Wi-fi1_CH58_Right Cheek 0 mm/Area Scan (10x11x1): Measurement grid: dx=10mm, dy=10mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0983 W/kg

Configuration/802.11_ac_VHT80_Wi-fi1_CH58_Right Cheek 0 mm/Zoom Scan (9x10x7)/Cube 0:
Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 4.242 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.232 W/kg
SAR(1 g) = 0.00864 W/kg; SAR(10 g) = 0.00156 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0503 W/kg



16)

Date: 2023-01-04

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

DUT: SM-A346BDSN, Type: Mobile Phone, Serial: R3CTA0N82DY

Communication System: UID 0, 5GWLAN (0); Frequency: 5290 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 5290 MHz; σ = 4.76 S/m; ε_r = 35.164; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:

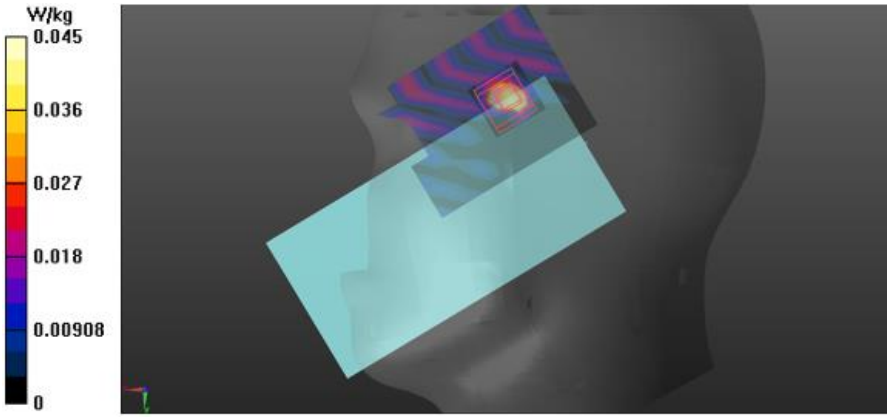
- Probe: EX3DV4 - SN3697;ConvF(4.7, 4.7, 4.7) @ 5290 MHz; Calibrated: 2022-03-28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1587; Calibrated: 2022-07-20
- Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1724
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/802.11_ac_VHT80_Wi-fi2_CH58_Right Cheek 0 mm/Area Scan (8x10x1): Measurement grid: dx=10mm, dy=10mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0454 W/kg

Configuration/802.11_ac_VHT80_Wi-fi2_CH58_Right Cheek 0 mm/Zoom Scan (8x8x7)/Cube 0:
Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 4.313 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.376 W/kg
SAR(1 g) = 0.029 W/kg; SAR(10 g) = 0.00469 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.101 W/kg



17)

Date: 2023-01-04

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

DUT: SM-A346BDSN, Type: Mobile Phone, Serial: R3CTA0N82DY

Communication System: UID 0, 5GWLAN (0); Frequency: 5290 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 5290 MHz; σ = 4.76 S/m; ε_r = 35.164; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:

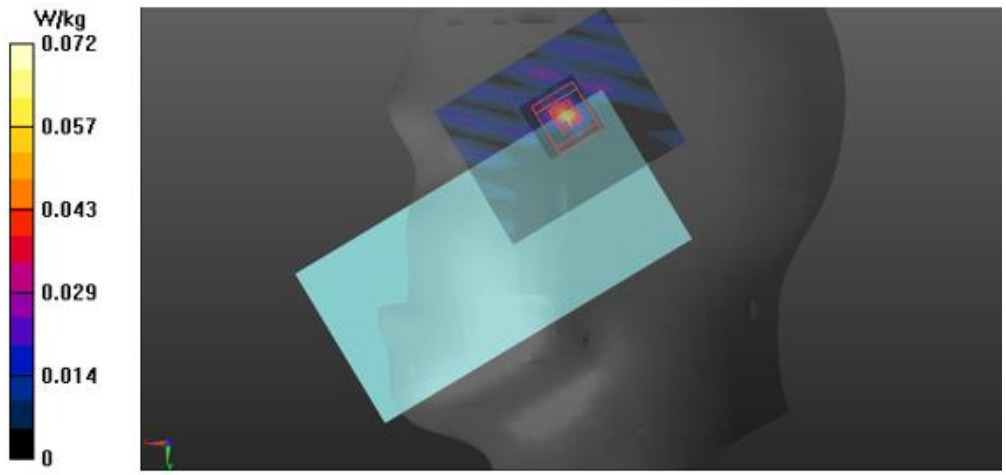
- Probe: EX3DV4 - SN3697;ConvF(4.7, 4.7, 4.7) @ 5290 MHz; Calibrated: 2022-03-28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1587; Calibrated: 2022-07-20
- Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1724
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/802.11_ac_VHT80_MIMO_CH58_Right Cheek 0 mm/Area Scan (8x10x1): Measurement grid: dx=10mm, dy=10mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0717 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 = 4.294 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.269 W/kg
SAR(1 g) = 0.011 W/kg; SAR(10 g) = 0.0012 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0607 W/kg



18)

Date: 2023-01-04

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

DUT: SM-A346BDSN, Type: Mobile Phone, Serial: R3CTA0N82DY

Communication System: UID 0, 5GWLAN (0); Frequency: 5690 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 5690 MHz; σ = 5.211 S/m; ε_r = 34.386; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:

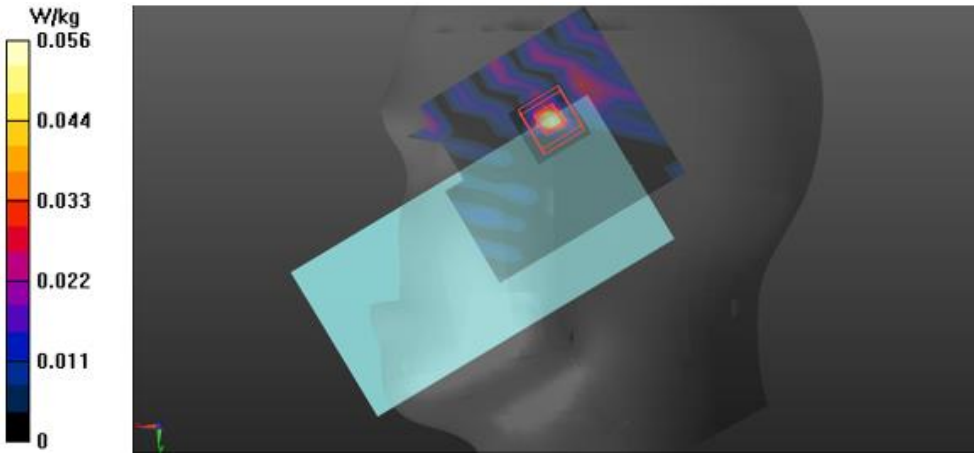
- Probe: EX3DV4 - SN3697;ConvF(4.39, 4.39, 4.39) @ 5690 MHz; Calibrated: 2022-03-28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1587; Calibrated: 2022-07-20
- Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1724
- Measurement SW: DASY52, Version 52.10 (4);

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

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0556 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 = 5.847 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.228 W/kg
SAR(1 g) = 0.019 W/kg; SAR(10 g) = 0.00243 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0882 W/kg



19)

Date: 2023-01-04

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

DUT: SM-A346BDSN, Type: Mobile Phone, Serial: R3CTA0N82DY

Communication System: UID 0, 5GWLAN (0); Frequency: 5530 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 5530 MHz; σ = 5.028 S/m; ε_r = 34.709; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:

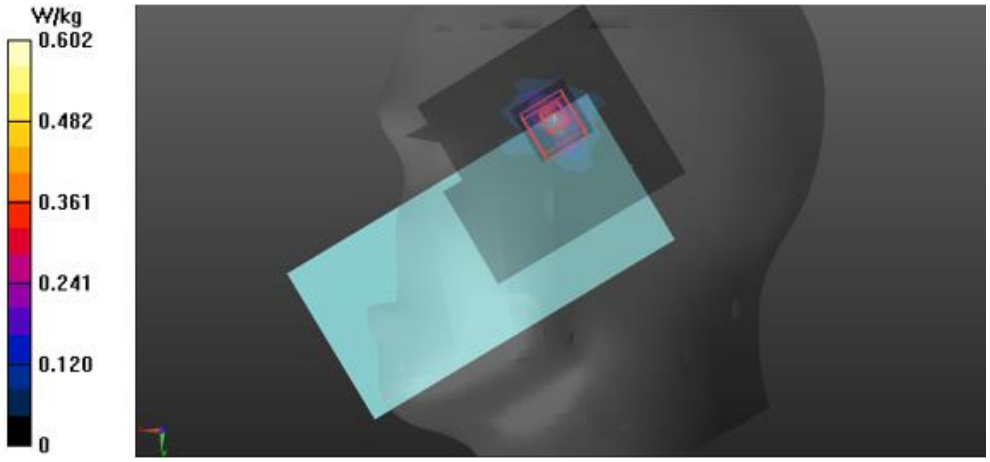
- Probe: EX3DV4 - SN3697;ConvF(4.39, 4.39, 4.39) @ 5530 MHz; Calibrated: 2022-03-28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1587; Calibrated: 2022-07-20
- Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1724
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/802.11_ac_VHT80_Wi-fi2_CH106_Right Cheek 0 mm/Area Scan (10x11x1):
Measurement grid: dx=10mm, dy=10mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.602 W/kg

Configuration/802.11_ac_VHT80_Wi-fi2_CH106_Right Cheek 0 mm/Zoom Scan (8x8x7)/Cube 0:
Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 5.709 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.465 W/kg
SAR(1 g) = 0.078 W/kg; SAR(10 g) = 0.016 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.279 W/kg



20)

Date: 2023-01-04

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

DUT: SM-A346BDSN, Type: Mobile Phone, Serial: R3CTA0N82DY

Communication System: UID 0, 5GWLAN (0); Frequency: 5690 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 5690 MHz; σ = 5.211 S/m; ε_r = 34.386; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY5 Configuration:

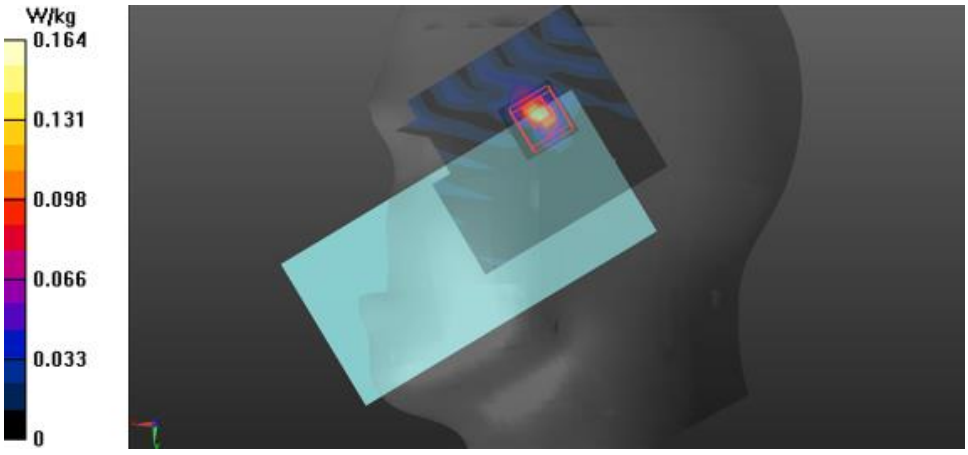
- Probe: EX3DV4 - SN3697;ConvF(4.39, 4.39, 4.39) @ 5690 MHz; Calibrated: 2022-03-28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1587; Calibrated: 2022-07-20
- Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1724
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/802.11_ac_VHT80_MIMO_CH138_Right Cheek 0 mm/Area Scan (10x11x1):
Measurement grid: dx=10mm, dy=10mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.164 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 = 5.739 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.435 W/kg
SAR(1 g) = 0.051 W/kg; SAR(10 g) = 0.011 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.201 W/kg



21)

Date: 2023-01-04

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

DUT: SM-A346BDSN, Type: Mobile Phone, Serial: R3CTA0N82DY

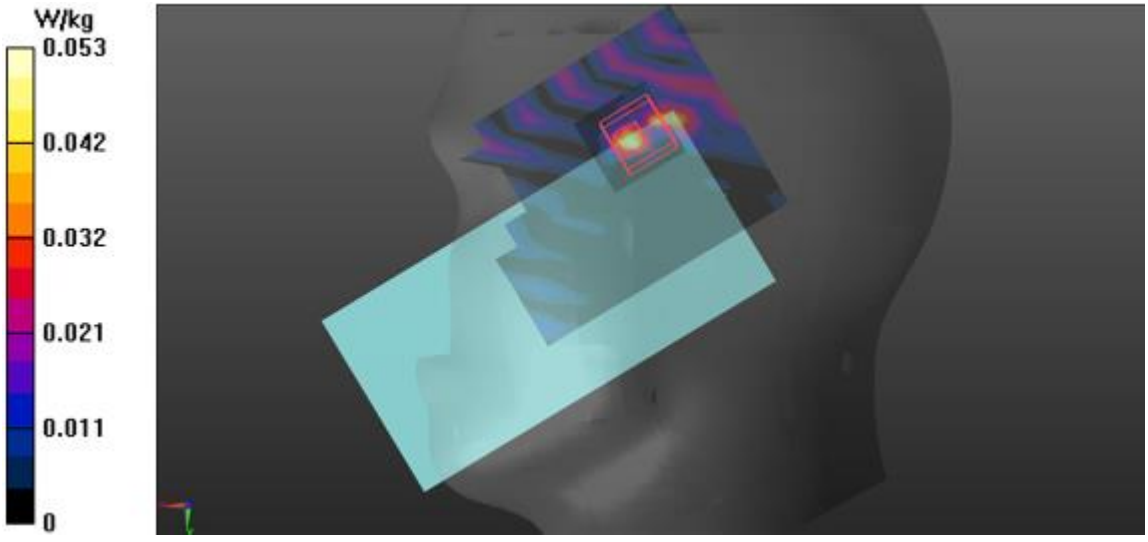
Communication System: UID 0, 5GWLAN (0); Frequency: 5775 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5775 MHz; σ = 5.309 S/m; ε_r = 34.196; ρ = 1000 kg/m^3
Phantom section: Right Section

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 (10x12x1):
Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.0528 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 = 10.70 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 0.191 W/kg
SAR(1 g) = 0.014 W/kg; SAR(10 g) = 0.00178 W/kg
Maximum value of SAR (measured) = 0.0575 W/kg



22)

Date: 2023-01-04

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

DUT: SM-A346BDSN, Type: Mobile Phone, Serial: R3CTA0N82DY

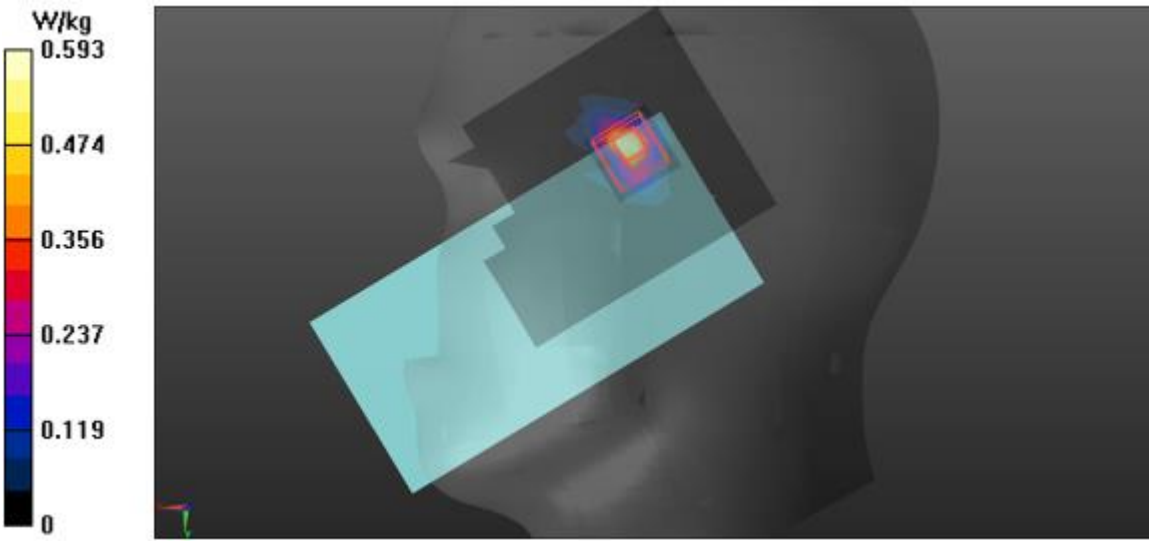
Communication System: UID 0, 5GWLAN (0); Frequency: 5775 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5775 MHz; σ = 5.309 S/m; ε_r = 34.196; ρ = 1000 kg/m^3
Phantom section: Right Section

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 (10x12x1):
Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.593 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 = 10.92 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 1.16 W/kg
SAR(1 g) = 0.218 W/kg; SAR(10 g) = 0.053 W/kg
Maximum value of SAR (measured) = 0.720 W/kg



23)

Date: 2023-01-04

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

DUT: SM-A346BDSN, Type: Mobile Phone, Serial: R3CTA0N82DY

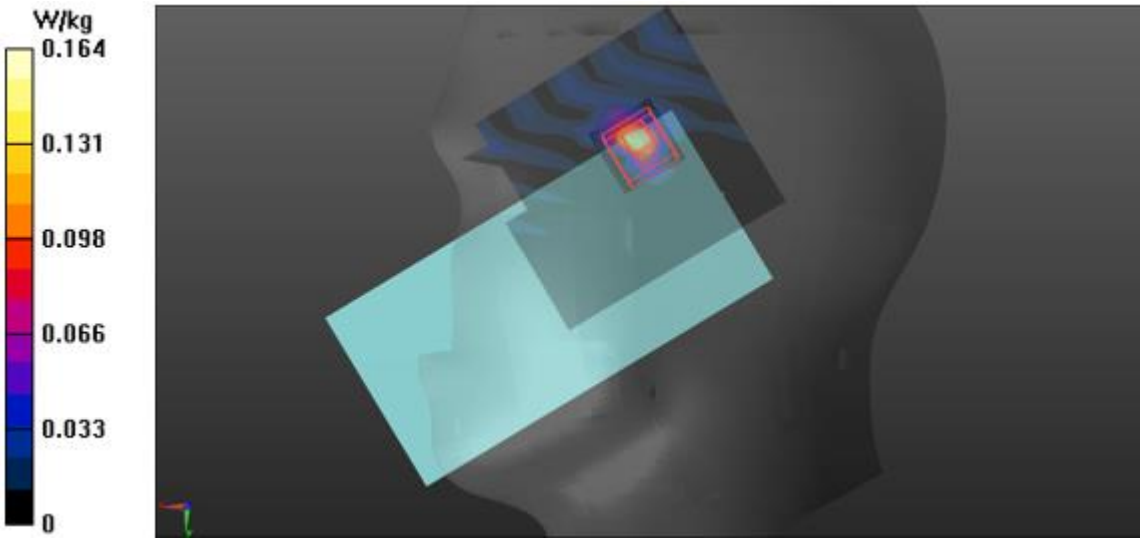
Communication System: UID 0, 5GWLAN (0); Frequency: 5775 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5775 MHz; σ = 5.309 S/m; ε_r = 34.196; ρ = 1000 kg/m^3
Phantom section: Right Section

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 (10x11x1):
Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.164 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 = 10.87 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 0.419 W/kg
SAR(1 g) = 0.058 W/kg; SAR(10 g) = 0.012 W/kg
Maximum value of SAR (measured) = 0.231 W/kg



24)

Date: 2023-01-03

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 1. Bluetooth_BDR_DH5_Head.da53:0

DUT: SM-A346BDSN, Type: Mobile Phone, Serial: R3CTA0N82DY

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:

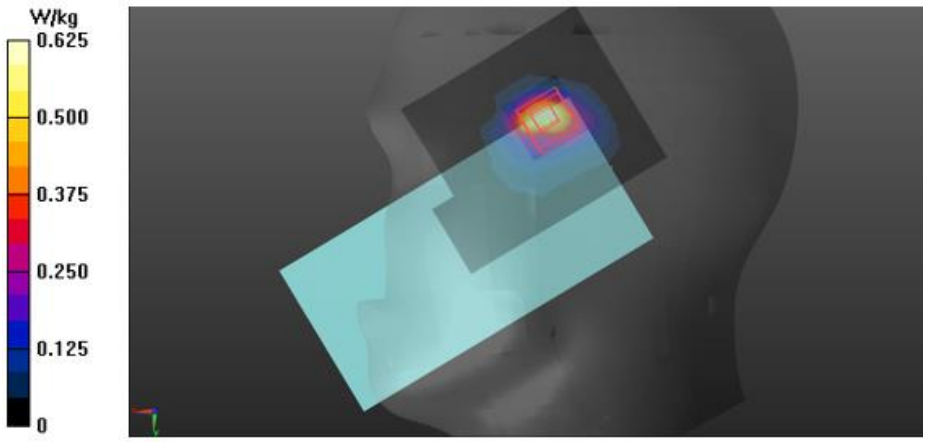
- Probe: EX3DV4 - SN3697;ConvF(7.14, 7.14, 7.14) @ 2441 MHz; Calibrated: 2022-03-28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1587; Calibrated: 2022-07-20
- Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1724
- Measurement SW: DASY52, Version 52.10 (4);

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) = 0.625 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 = 4.709 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 1.06 W/kg
SAR(1 g) = 0.378 W/kg; SAR(10 g) = 0.155 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.778 W/kg



25)

Date: 2023-01-06

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

DUT: SM-A346BDSN, Type: Mobile Phone, Serial: R3CTA0N82LP

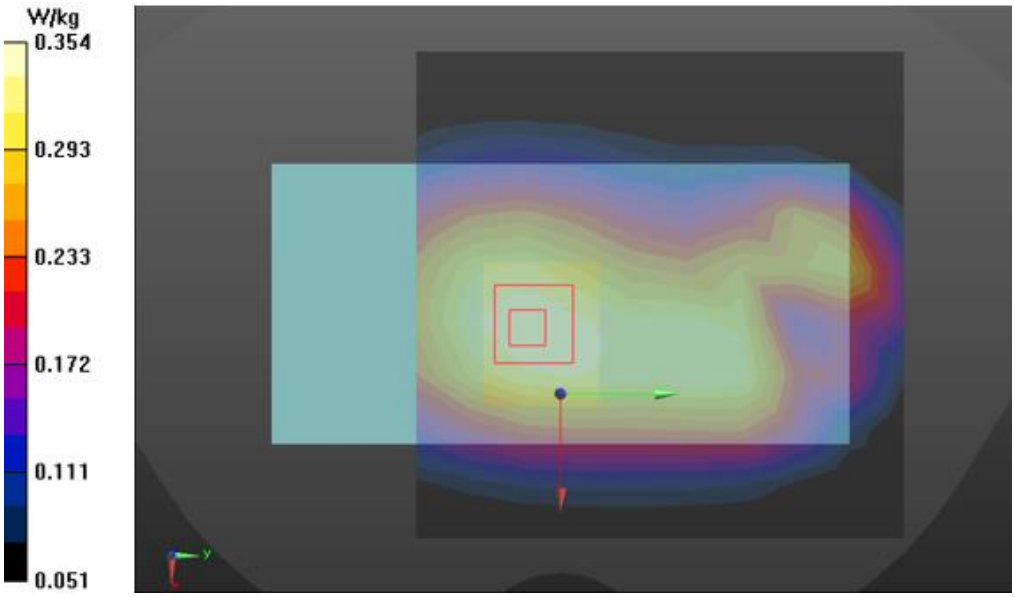
Communication System: UID 0, GSM850_2TX (0); Frequency: 836.6 MHz; Duty Cycle: 1:4.14954
Medium parameters used: f = 836.6 MHz; σ = 0.919 S/m; ε_r = 40.658; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7770;ConvF(8.73, 8.73, 8.73) @ 836.6 MHz; Calibrated: 2022-11-18
- 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) = 0.352 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 = 20.77 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 0.384 W/kg
SAR(1 g) = 0.294 W/kg; SAR(10 g) = 0.224 W/kg
Maximum value of SAR (measured) = 0.354 W/kg



26)

Date: 1/5/2023

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

DUT: SM-A346BDSN, Type: Mobile Phone, Serial: R3CTA0N82LP

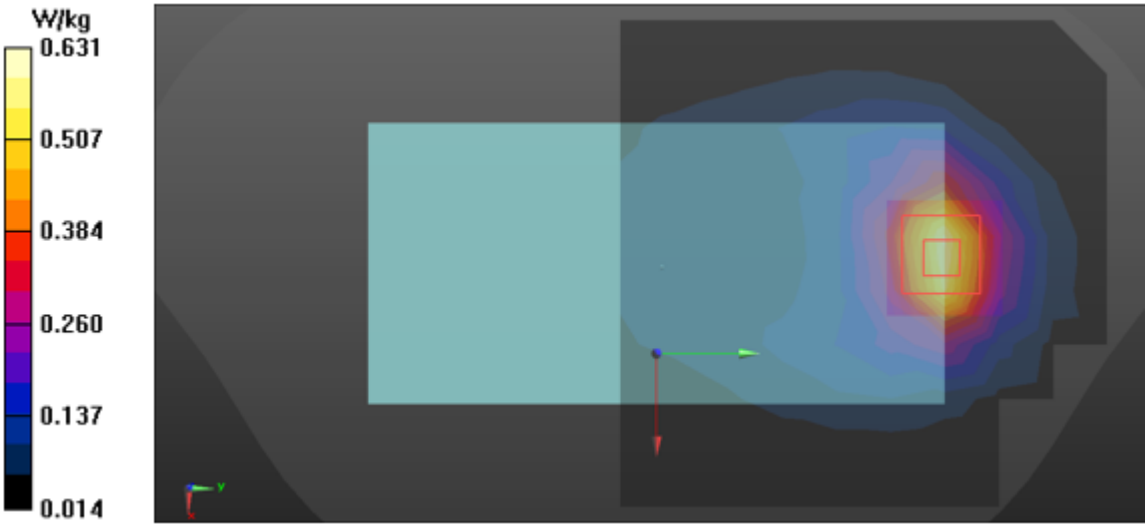
Communication System: UID 0, GSM 1900_2Tx (0); Frequency: 1880 MHz; Duty Cycle: 1:4.14954
Medium parameters used: f = 1880 MHz; σ = 1.357 S/m; ε_r = 40.028; ρ = 1000 kg/m^3
Phantom section: Flat Section

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) = 0.600 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 = 7.344 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.737 W/kg
SAR(1 g) = 0.443 W/kg; SAR(10 g) = 0.256 W/kg
Maximum value of SAR (measured) = 0.631 W/kg



27)

Date: 1/5/2023

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 6. WCDMA_FDD II_Body.da53:0

DUT: SM-A346BDSN, Type: Mobile Phone, Serial: R3CTA0N82LP

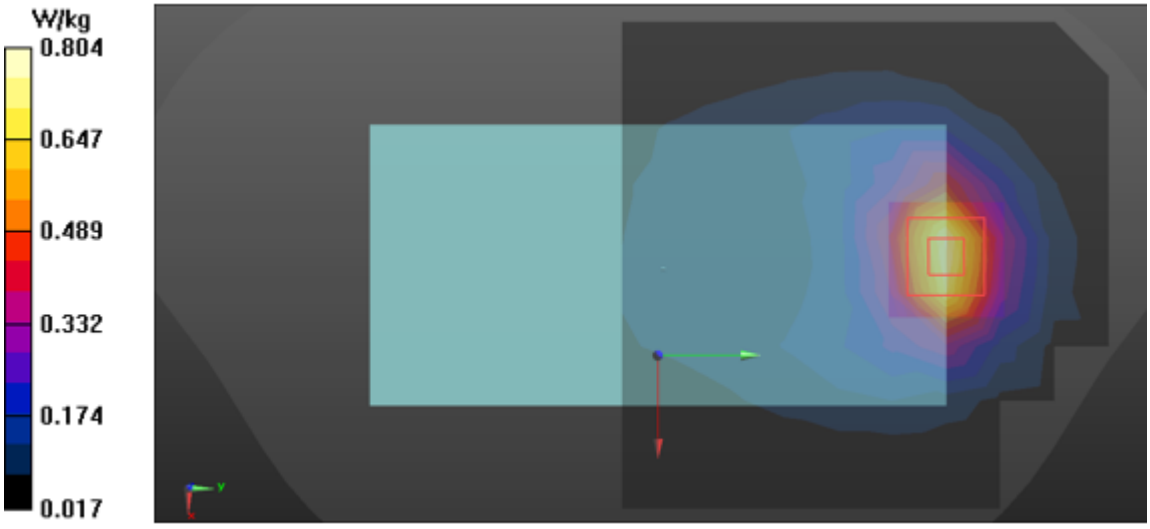
Communication System: UID 0, W-CDMA 1900 (Band 2) (0); Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.357 S/m; ε_r = 40.028; ρ = 1000 kg/m^3
Phantom section: Flat Section

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) = 0.767 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 = 8.070 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.938 W/kg
SAR(1 g) = 0.561 W/kg; SAR(10 g) = 0.326 W/kg
Maximum value of SAR (measured) = 0.804 W/kg



28)

Date: 1/4/2023

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

DUT: SM-A346BDSN, Type: Mobile Phone, Serial: R3CTA0N82LP

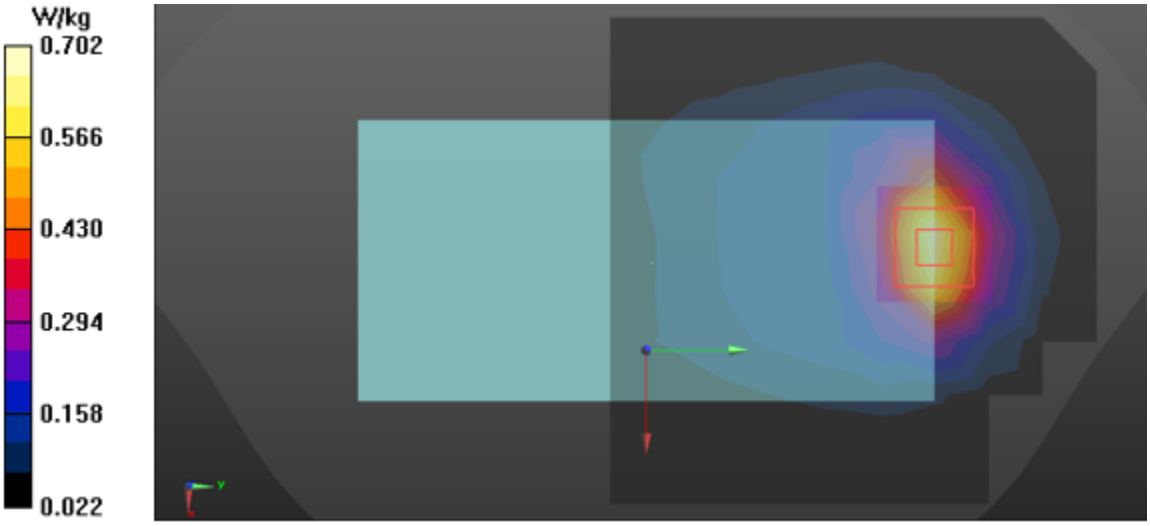
Communication System: UID 0, W-CDMA 1700 (Band 4) (0); Frequency: 1732.4 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1732.4 MHz; σ = 1.379 S/m; ε_r = 38.664; ρ = 1000 kg/m^3
Phantom section: Flat Section

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) = 0.681 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 = 6.901 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.809 W/kg
SAR(1 g) = 0.502 W/kg; SAR(10 g) = 0.298 W/kg
Maximum value of SAR (measured) = 0.702 W/kg



29)

Date: 2023-01-06

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

DUT: SM-A346BDSN, Type: Mobile Phone, Serial: R3CTA0N82LP

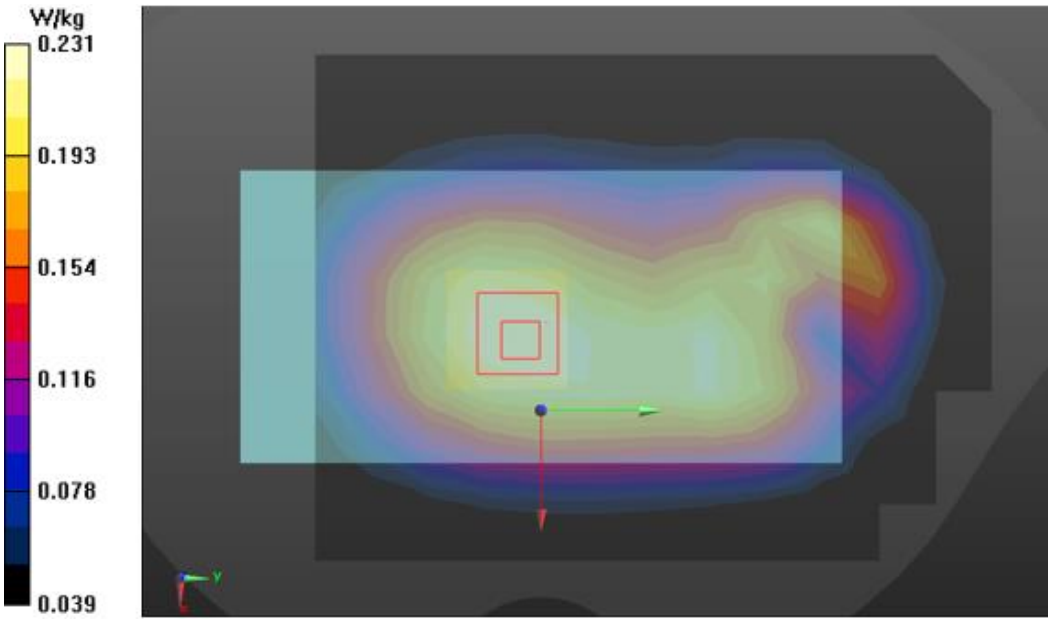
Communication System: UID 0, W-CDMA 850 (Band 5) (0); Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium parameters used: f = 836.6 MHz; σ = 0.919 S/m; ε_r = 40.658; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7770;ConvF(8.73, 8.73, 8.73) @ 836.6 MHz; Calibrated: 2022-11-18
- 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 _CH4183_Rear_15 mm/Area Scan (10x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.231 W/kg

Configuration/WCDMA V _CH4183_Rear_15 mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.64 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.253 W/kg
SAR(1 g) = 0.193 W/kg; SAR(10 g) = 0.148 W/kg
Maximum value of SAR (measured) = 0.231 W/kg



30)

Date: 2023-01-10

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

DUT: SM-A346BDSN, Type: Mobile Phone, Serial: R3CTA0N82LP

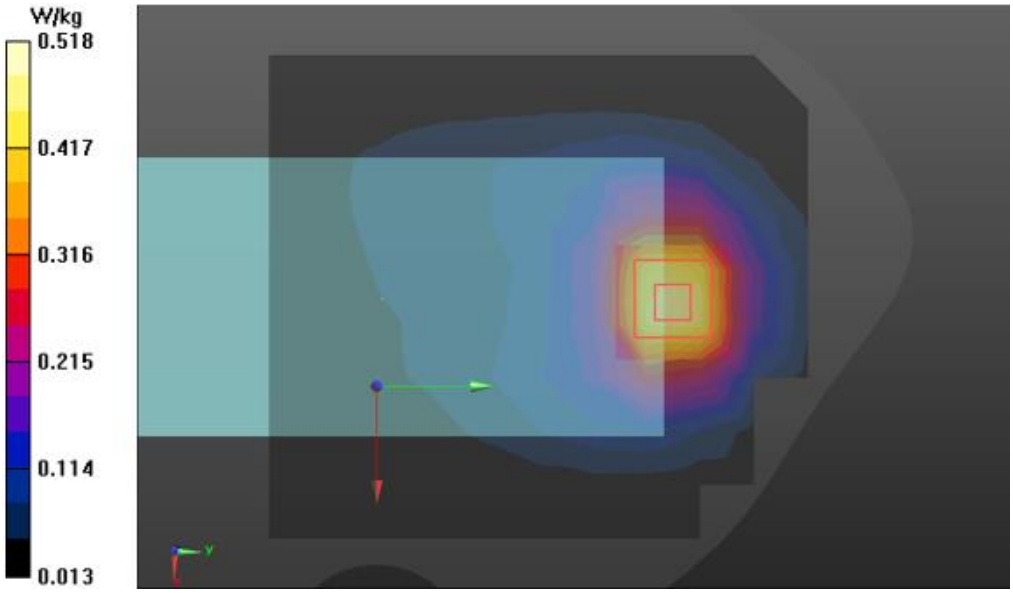
Communication System: UID 0, LTE Band 2 (0); Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.449 S/m; ε_r = 38.407; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7770;ConvF(7.57, 7.57, 7.57) @ 1880 MHz; Calibrated: 2022-11-18
- 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 (10x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.468 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 = 8.768 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.606 W/kg
SAR(1 g) = 0.365 W/kg; SAR(10 g) = 0.216 W/kg
Maximum value of SAR (measured) = 0.518 W/kg



31)

Date: 2023-01-06

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

DUT: SM-A346BDSN, Type: Mobile Phone, Serial: R3CTA0N82LP

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 = 0.919 S/m; ε_r = 40.658; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

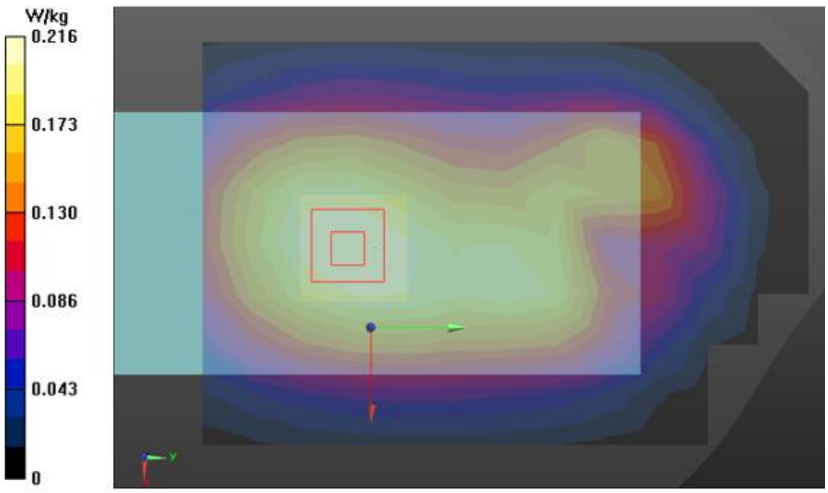
- Probe: EX3DV4 - SN7770;ConvF(8.73, 8.73, 8.73) @ 836.5 MHz; Calibrated: 2022-11-18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1567; Calibrated: 2022-03-24
- Phantom: Twin-SAM V4.0; Type: QD 000 P40 CC; Serial: 1728
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/LTE Band 5_QPSK_10 MHz_1RB_25offset_CH20525_Rear_15 mm/Area Scan (9x13x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.216 W/kg

Configuration/LTE Band 5_QPSK_10 MHz_1RB_25offset_CH20525_Rear_15 mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.60 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.238 W/kg
SAR(1 g) = 0.181 W/kg; SAR(10 g) = 0.139 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.218 W/kg



32)

Date: 2023-01-06

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

DUT: SM-A346BDSN, Type: Mobile Phone, Serial: R3CTA0N82LP

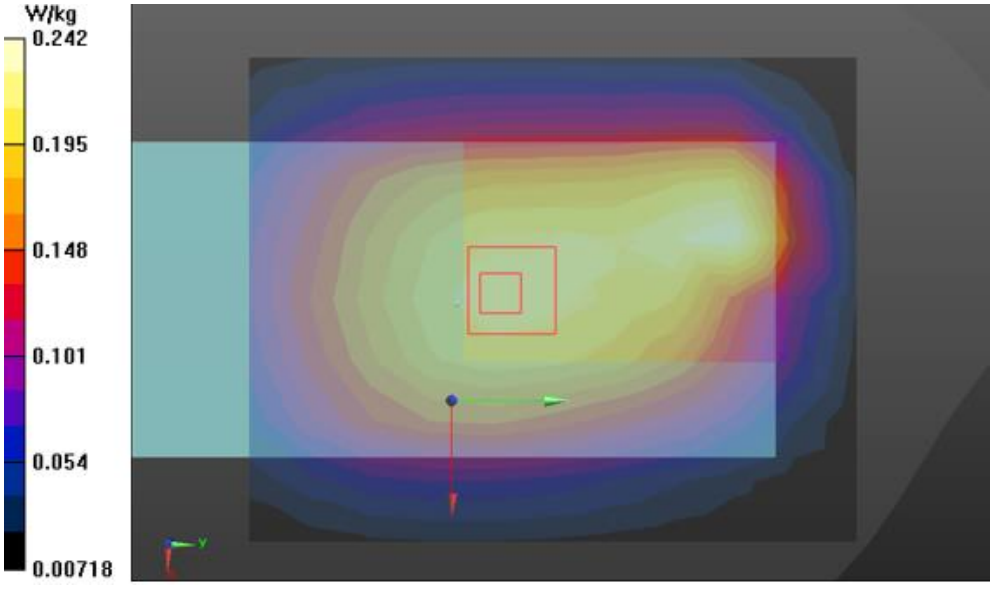
Communication System: UID 0, LTE Band 12 (0); Frequency: 707.5 MHz; Duty Cycle: 1:1
Medium parameters used: f = 707.5 MHz; σ = 0.871 S/m; ε_r = 40.968; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7770;ConvF(8.92, 8.92, 8.92) @ 707.5 MHz; Calibrated: 2022-11-18
- 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 (9x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.240 W/kg

Configuration/LTE Band 12_QPSK_10 MHz_1RB_25offset_CH23095_Rear_15 mm/Zoom Scan (8x11x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.27 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.307 W/kg
SAR(1 g) = 0.171 W/kg; SAR(10 g) = 0.132 W/kg
Maximum value of SAR (measured) = 0.242 W/kg



33)

Date: 2023-01-11

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

DUT: SM-A346BDSN, Type: Mobile Phone, Serial: R3CTA0N80ZZ

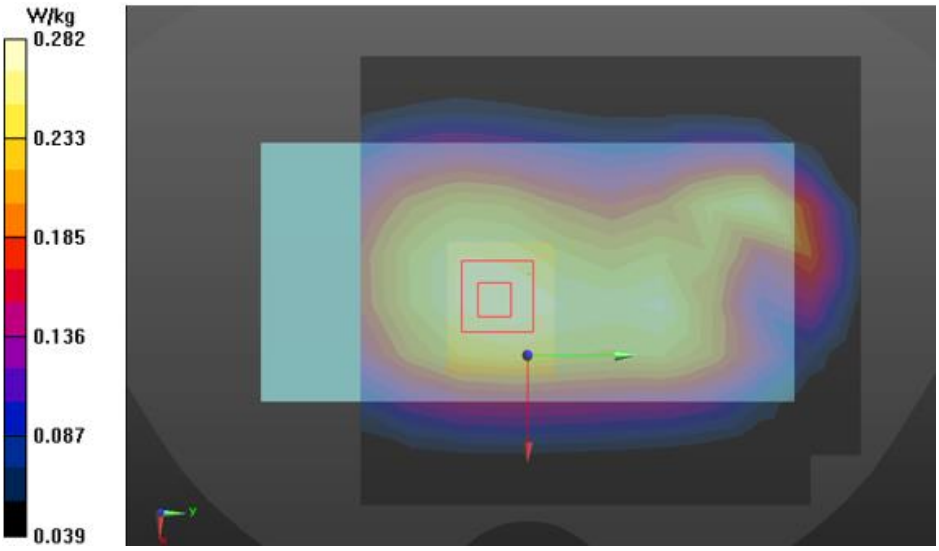
Communication System: UID 0, LTE Band 26 (0); Frequency: 831.5 MHz; Duty Cycle: 1:1
Medium parameters used: f = 831.5 MHz; σ = 0.921 S/m; ε_r = 40.522; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7770;ConvF(8.73, 8.73, 8.73) @ 831.5 MHz; Calibrated: 2022-11-18
- 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 (10x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.279 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 = 12.14 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.311 W/kg
SAR(1 g) = 0.233 W/kg; SAR(10 g) = 0.177 W/kg
Maximum value of SAR (measured) = 0.282 W/kg



34)

Date: 12/17/2022

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

DUT: SM-A346BDSN, Type: Mobile Phone, Serial: R3CTA0N82LP

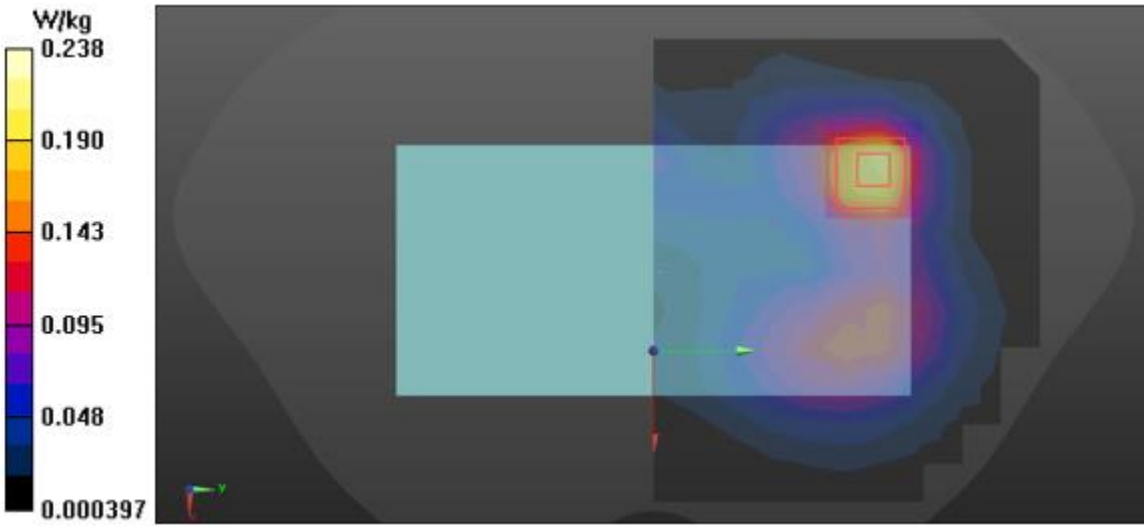
Communication System: UID 0, LTE Band 41 (0); Frequency: 2680 MHz; Duty Cycle: 1:1.58016
Medium parameters used: f = 2680 MHz; σ = 2.006 S/m; ε_r = 37.634; ρ = 1000 kg/m^3
Phantom section: Flat Section

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) = 0.203 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 = 11.22 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.302 W/kg
SAR(1 g) = 0.142 W/kg; SAR(10 g) = 0.070 W/kg
Maximum value of SAR (measured) = 0.238 W/kg



35)

Date: 2023-01-09

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

DUT: SM-A346BDSN, Type: Mobile Phone, Serial: R3CTA0N82LP

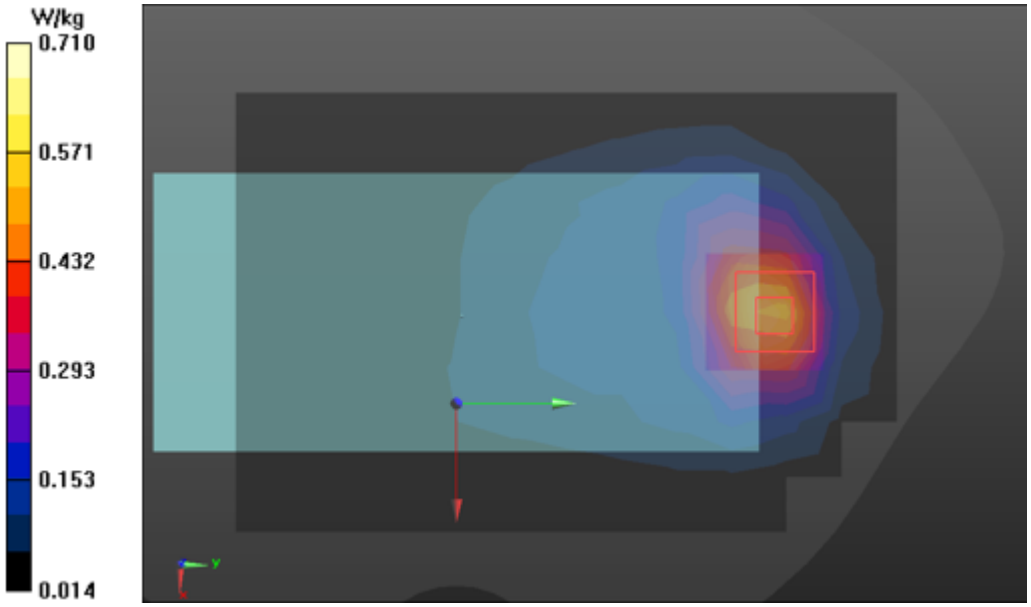
Communication System: UID 0, LTE Band 66 (0); Frequency: 1720 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1720 MHz; σ = 1.325 S/m; ε_r = 38.403; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7770;ConvF(7.99, 7.99, 7.99) @ 1720 MHz; Calibrated: 2022-11-18
- 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 (9x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.500 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 = 6.883 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.843 W/kg
SAR(1 g) = 0.506 W/kg; SAR(10 g) = 0.292 W/kg
Maximum value of SAR (measured) = 0.710 W/kg



36)

Date: 2023-01-02

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

DUT: SM-A346BDSN, Type: Mobile Phone, Serial: R3CTA0N82DY

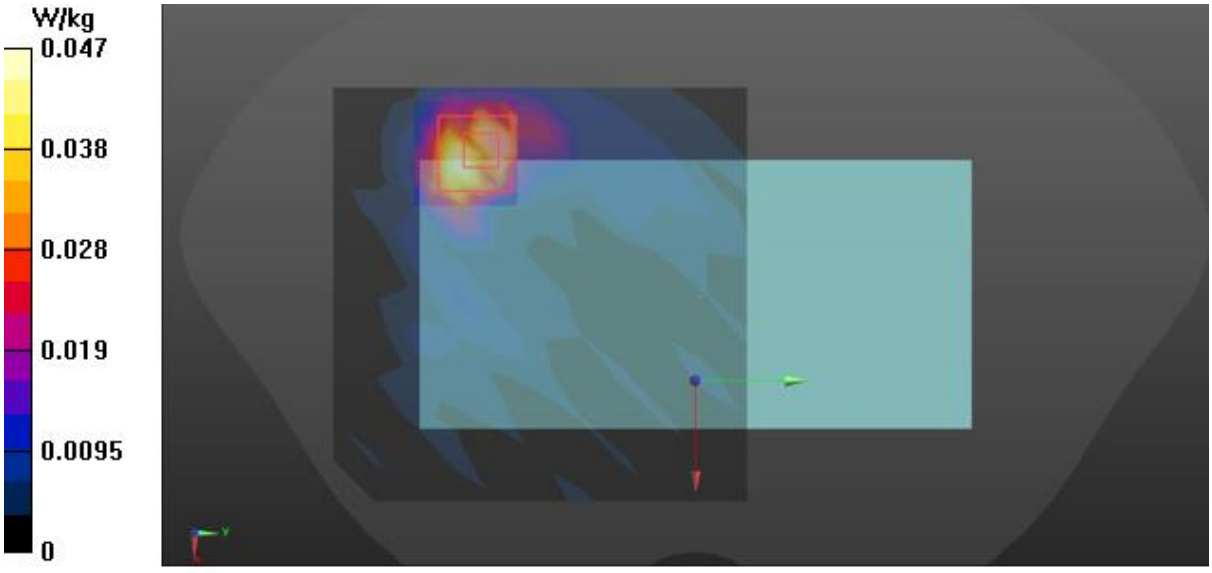
Communication System: UID 0, 2.4GWLAN (0); Frequency: 2412 MHz; Duty Cycle: 1:1
Medium parameters used: f = 2412 MHz; σ = 1.82 S/m; ε_r = 39.111; ρ = 1000 kg/m^3
Phantom section: Flat Section

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) = 0.0475 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 = 1.910 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.0730 W/kg
SAR(1 g) = 0.027 W/kg; SAR(10 g) = 0.014 W/kg
Maximum value of SAR (measured) = 0.0501 W/kg



37)

Date: 2023-01-02

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

DUT: SM-A346BDSN, Type: Mobile Phone, Serial: R3CTA0N82DY

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 = 39.032; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

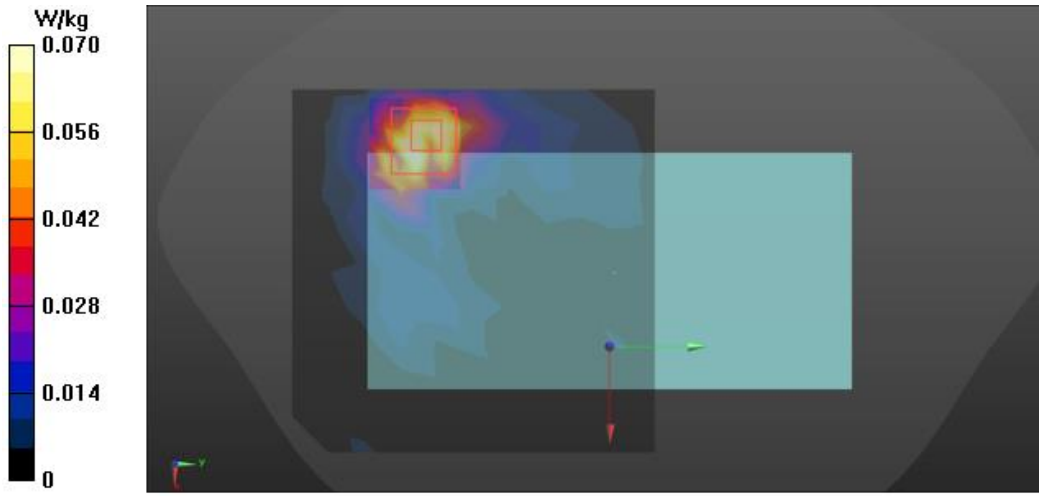
- Probe: EX3DV4 - SN3697;ConvF(7.14, 7.14, 7.14) @ 2437 MHz; Calibrated: 2022-03-28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1587; Calibrated: 2022-07-20
- Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1724
- Measurement SW: DASY52, Version 52.10 (4);

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) = 0.0699 W/kg

Configuration/802.11_b_Wi-Fi2_CH6_Rear_15 mm/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 0 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.104 W/kg
SAR(1 g) = 0.044 W/kg; SAR(10 g) = 0.022 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0821 W/kg



38)

Date: 2023-01-02

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

DUT: SM-A346BDSN, Type: Mobile Phone, Serial: R3CTA0N82DY

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 = 39.032; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

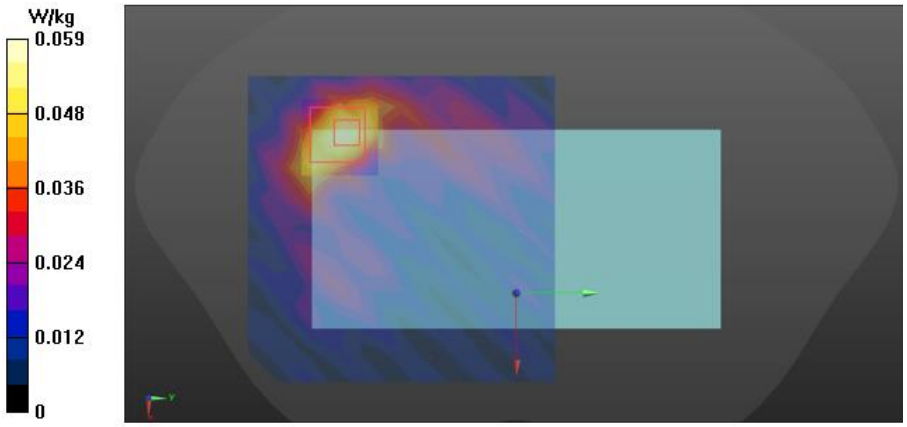
- Probe: EX3DV4 - SN3697;ConvF(7.14, 7.14, 7.14) @ 2437 MHz; Calibrated: 2022-03-28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1587; Calibrated: 2022-07-20
- Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1724
- Measurement SW: DASY52, Version 52.10 (4);

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) = 0.0594 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 = 2.320 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.165 W/kg
SAR(1 g) = 0.038 W/kg; SAR(10 g) = 0.017 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0609 W/kg



39)

Date: 2023-01-04

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

DUT: SM-A346BDSN, Type: Mobile Phone, Serial: R3CTA0N82DY

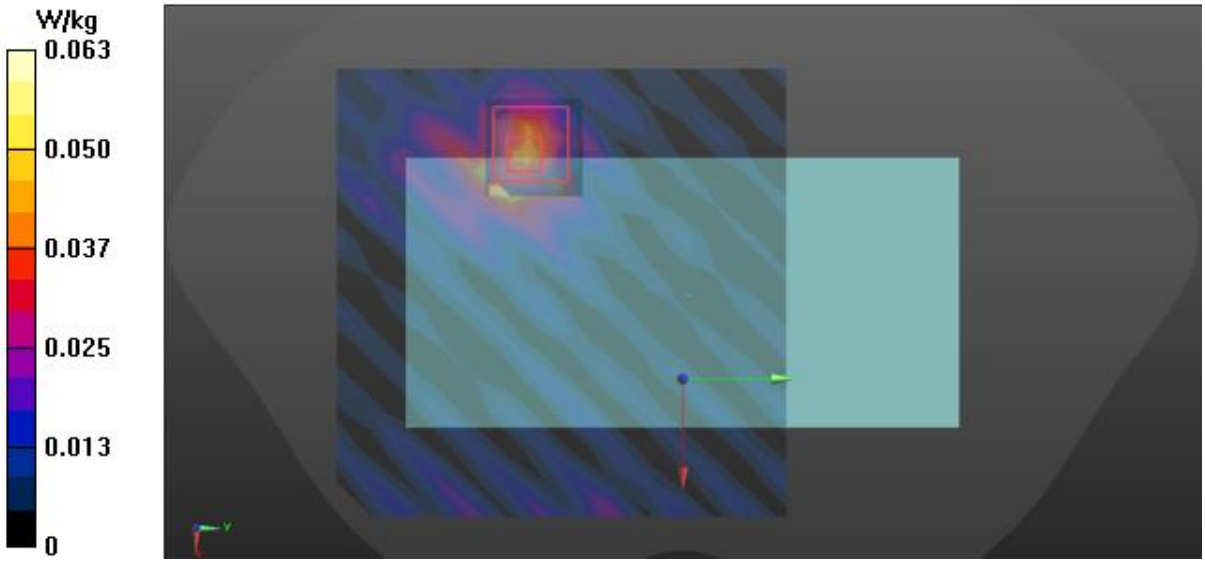
Communication System: UID 0, 5GWLAN (0); Frequency: 5320 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5320 MHz; σ = 4.794 S/m; ε_r = 35.108; ρ = 1000 kg/m^3
Phantom section: Flat Section

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) = 0.0625 W/kg

Configuration/802.11_a_Wi-fi1_CH64_Rear_15 mm/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 0.9780 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.246 W/kg
SAR(1 g) = 0.025 W/kg; SAR(10 g) = 0.007 W/kg
Maximum value of SAR (measured) = 0.123 W/kg



40)

Date: 2023-01-04

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

DUT: SM-A346BDSN, Type: Mobile Phone, Serial: R3CTA0N82DY

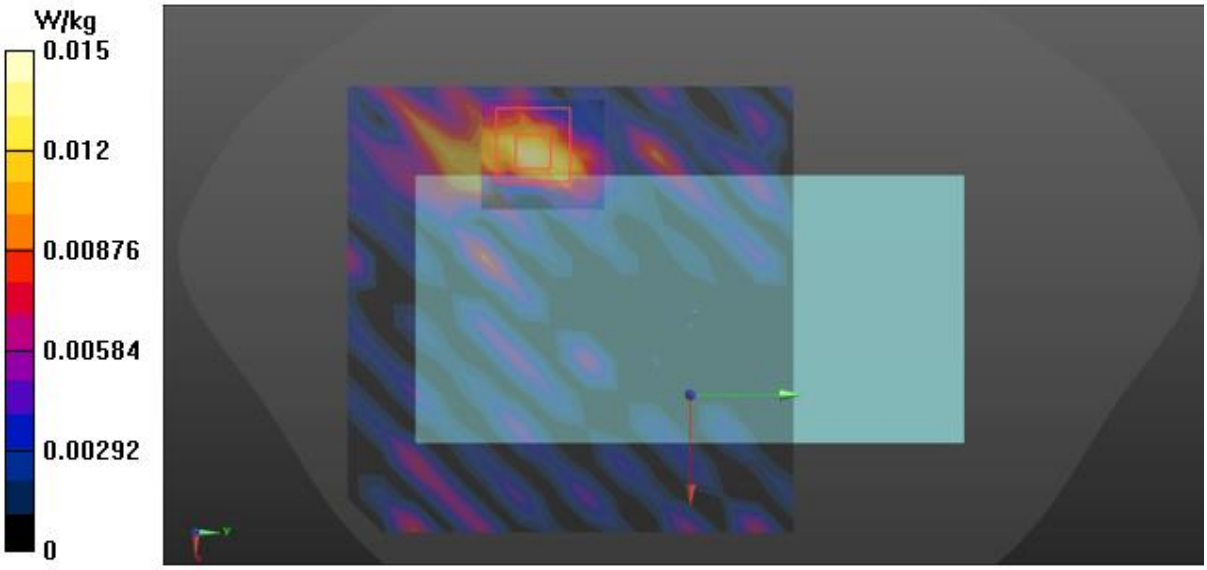
Communication System: UID 0, 5GWLAN (0); Frequency: 5320 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5320 MHz; σ = 4.794 S/m; ε_r = 35.108; ρ = 1000 kg/m^3
Phantom section: Flat Section

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) = 0.0146 W/kg

Configuration/802.11_a_Wi-fi2_CH64_Rear_15 mm/Zoom Scan (9x10x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 4.446 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 0.0950 W/kg
SAR(1 g) = 0.00577 W/kg; SAR(10 g) = 0.00156 W/kg
Maximum value of SAR (measured) = 0.0149 W/kg



41)

Date: 2023-01-04

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

DUT: SM-A346BDSN, Type: Mobile Phone, Serial: R3CTA0N82DY

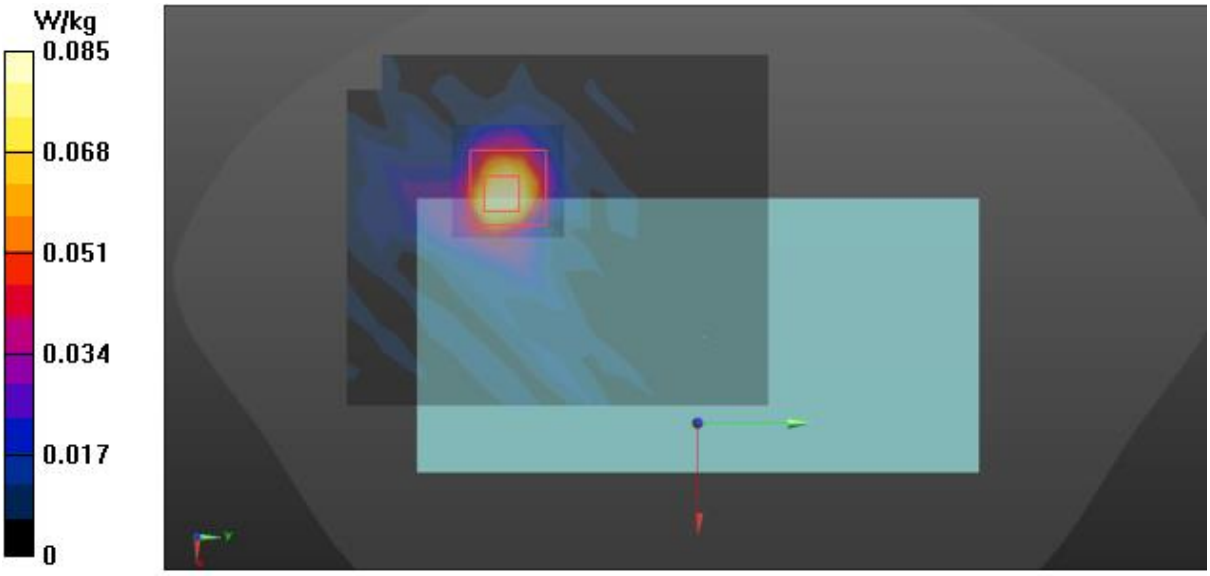
Communication System: UID 0, 5GWLAN (0); Frequency: 5320 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5320 MHz; σ = 4.794 S/m; ε_r = 35.108; ρ = 1000 kg/m^3
Phantom section: Flat Section

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 (11x13x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.0849 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 = 4.428 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 0.322 W/kg
SAR(1 g) = 0.035 W/kg; SAR(10 g) = 0.011 W/kg
Maximum value of SAR (measured) = 0.0973 W/kg



42)

Date: 2023-01-04

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

DUT: SM-A346BDSN, Type: Mobile Phone, Serial: R3CTA0N82DY

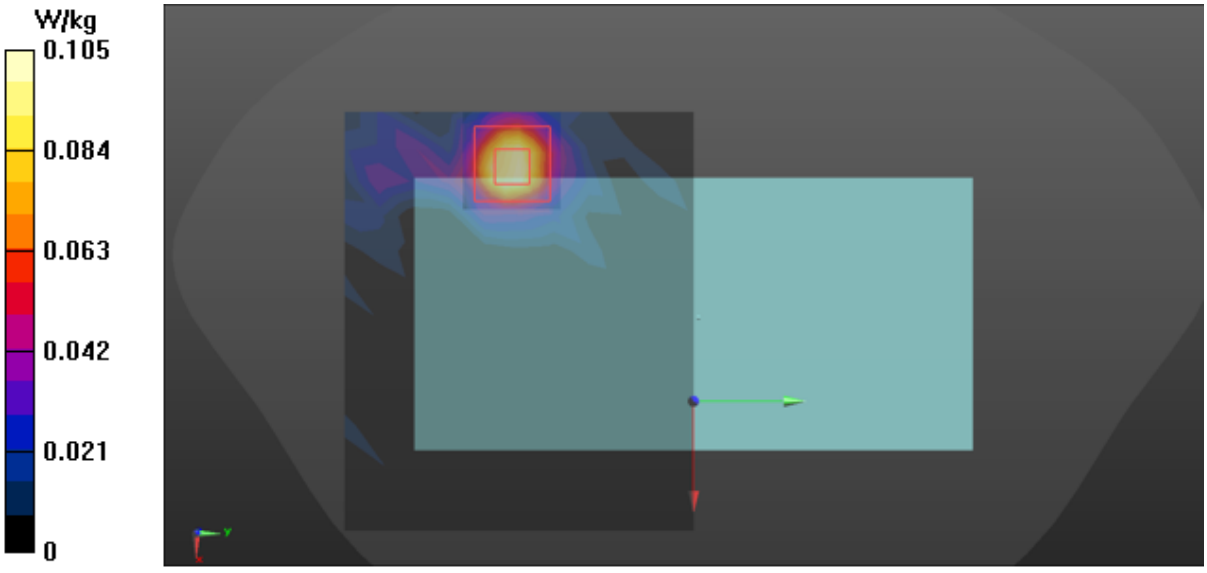
Communication System: UID 0, 5GWLAN (0); Frequency: 5500 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5500 MHz; σ = 4.993 S/m; ε_r = 34.767; ρ = 1000 kg/m^3
Phantom section: Flat Section

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) = 0.105 W/kg

Configuration/802.11_a_Wi-Fi1_CH100_Rear_15 mm/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 6.673 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.199 W/kg
SAR(1 g) = 0.043 W/kg; SAR(10 g) = 0.013 W/kg
Maximum value of SAR (measured) = 0.119 W/kg



43)

Date: 2023-01-04

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

DUT: SM-A346BDSN, Type: Mobile Phone, Serial: R3CTA0N82DY

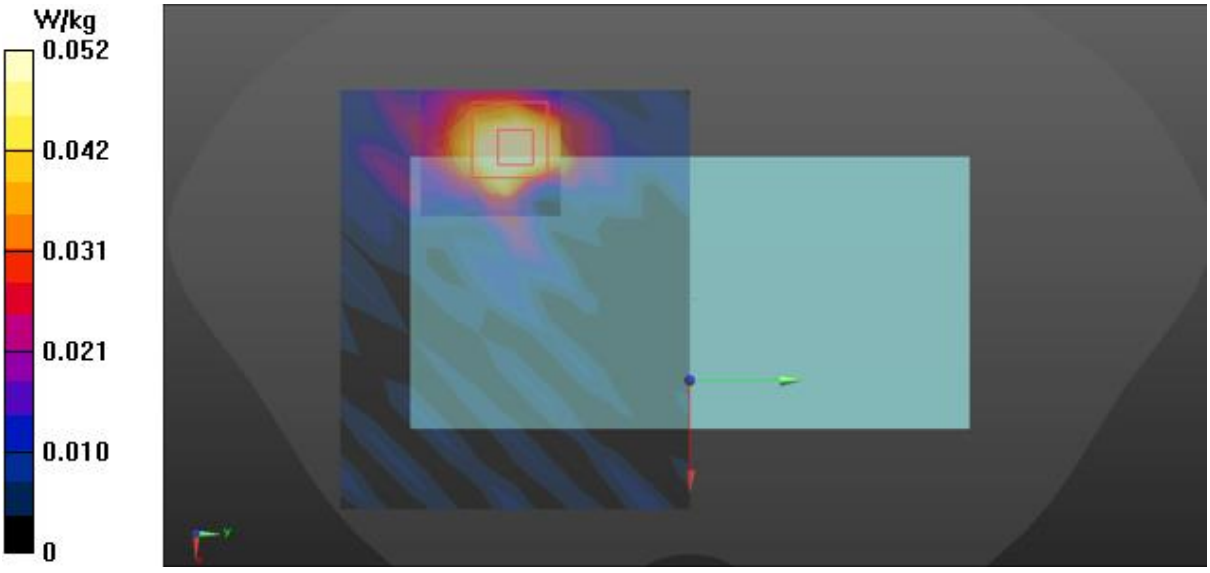
Communication System: UID 0, 5GWLAN (0); Frequency: 5500 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5500 MHz; σ = 4.993 S/m; ε_r = 34.767; ρ = 1000 kg/m^3
Phantom section: Flat Section

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) = 0.0525 W/kg

Configuration/802.11_a_Wi-Fi2_CH100_Rear_15 mm/Zoom Scan (10x11x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 6.691 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.310 W/kg
SAR(1 g) = 0.025 W/kg; SAR(10 g) = 0.00875 W/kg
Maximum value of SAR (measured) = 0.0695 W/kg



44)

Date: 2023-01-04

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

DUT: SM-A346BDSN, Type: Mobile Phone, Serial: R3CTA0N82DY

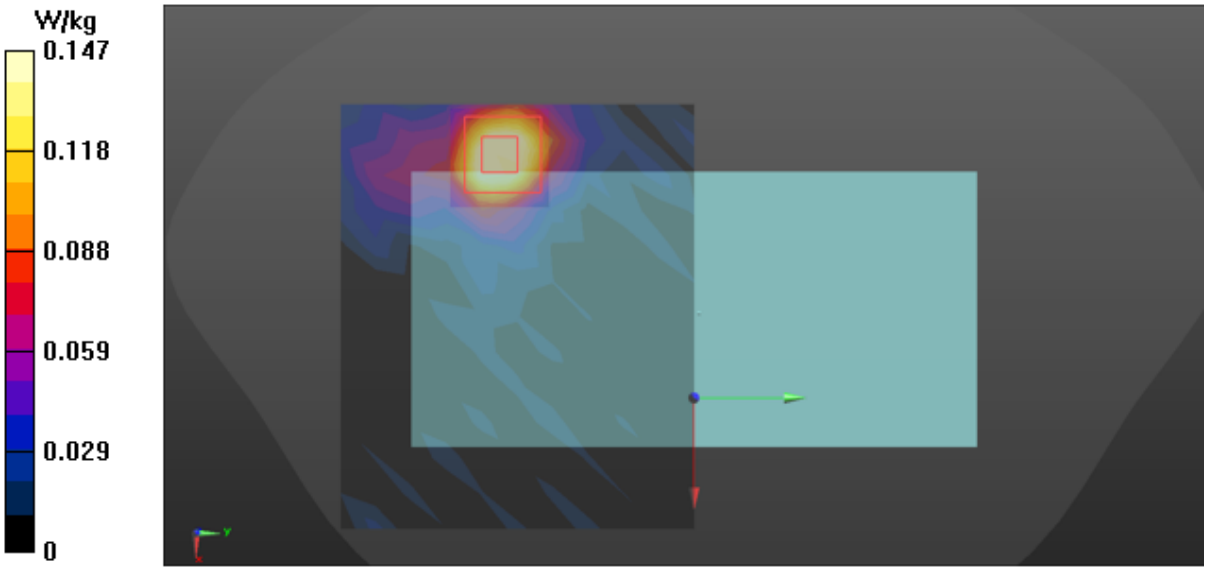
Communication System: UID 0, 5GWLAN (0); Frequency: 5500 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5500 MHz; σ = 4.993 S/m; ε_r = 34.767; ρ = 1000 kg/m^3
Phantom section: Flat Section

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) = 0.147 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 = 6.748 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.312 W/kg
SAR(1 g) = 0.076 W/kg; SAR(10 g) = 0.026 W/kg
Maximum value of SAR (measured) = 0.184 W/kg



45)

Date: 2023-01-04

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

DUT: SM-A346BDSN, Type: Mobile Phone, Serial: R3CTA0N82DY

Communication System: UID 0, 5GWLAN (0); Frequency: 5785 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 5785 MHz; σ = 5.325 S/m; ε_r = 34.179; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

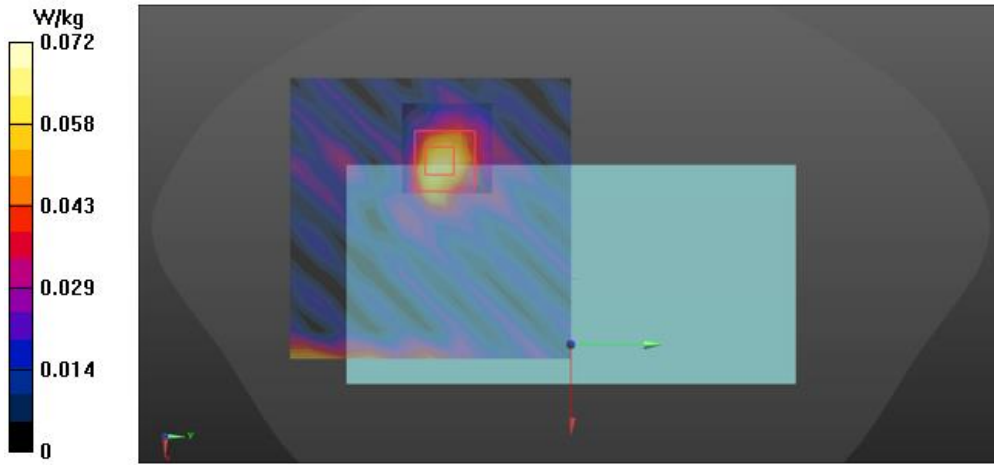
- Probe: EX3DV4 - SN3697;ConvF(4.36, 4.36, 4.36) @ 5785 MHz; Calibrated: 2022-03-28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1587; Calibrated: 2022-07-20
- Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1724
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/802.11_a_Wi-Fi1_CH157_Rear_15 mm/Area Scan (11x11x1): Measurement grid: dx=10mm, dy=10mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0723 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 = 5.791 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 0.225 W/kg
SAR(1 g) = 0.023 W/kg; SAR(10 g) = 0.00822 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0673 W/kg



46)

Date: 2023-01-04

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

DUT: SM-A346BDSN, Type: Mobile Phone, Serial: R3CTA0N82DY

Communication System: UID 0, 5GWLAN (0); Frequency: 5745 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 5745 MHz; σ = 5.269 S/m; ε_r = 34.254; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

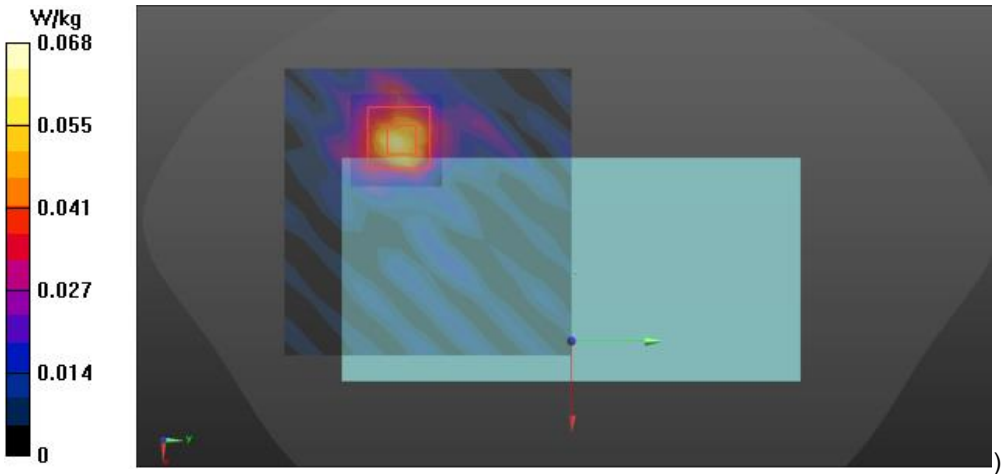
- Probe: EX3DV4 - SN3697;ConvF(4.36, 4.36, 4.36) @ 5745 MHz; Calibrated: 2022-03-28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1587; Calibrated: 2022-07-20
- Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1724
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/802.11_a_Wi-Fi2_CH149_Rear_15 mm/Area Scan (11x11x1): Measurement grid: dx=10mm, dy=10mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0682 W/kg

Configuration/802.11_a_Wi-Fi2_CH149_Rear_15 mm/Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 5.261 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 0.187 W/kg
SAR(1 g) = 0.021 W/kg; SAR(10 g) = 0.00729 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0702 W/kg



)

47)

Date: 2023-01-04

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

DUT: SM-A346BDSN, Type: Mobile Phone, Serial: R3CTA0N82DY

Communication System: UID 0, 5GWLAN (0); Frequency: 5745 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 5745 MHz; σ = 5.269 S/m; ε_r = 34.254; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

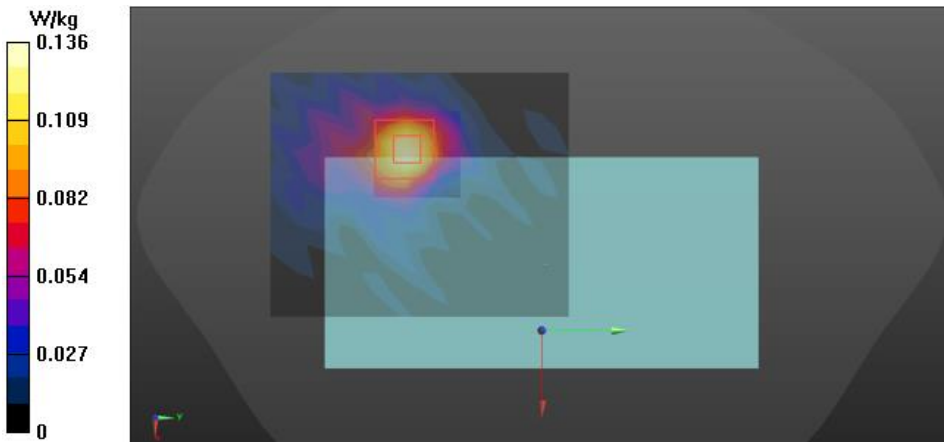
- Probe: EX3DV4 - SN3697;ConvF(4.36, 4.36, 4.36) @ 5745 MHz; Calibrated: 2022-03-28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1587; Calibrated: 2022-07-20
- Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1724
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/802.11_a_MIMO_CH149_Rear_15 mm/Area Scan (10x12x1): Measurement grid: dx=10mm, dy=10mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.136 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 = 5.415 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 0.306 W/kg
SAR(1 g) = 0.053 W/kg; SAR(10 g) = 0.019 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.141 W/kg



48)

Date: 2023-01-03

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

DUT: SM-A346BDSN, Type: Mobile Phone, Serial: R3CTA0N82DY

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:

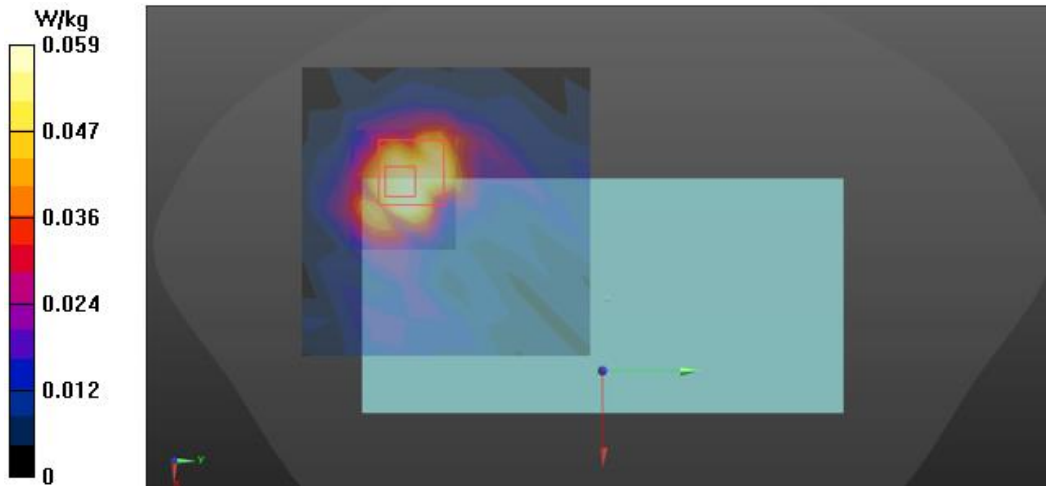
- Probe: EX3DV4 - SN3697;ConvF(7.14, 7.14, 7.14) @ 2441 MHz; Calibrated: 2022-03-28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1587; Calibrated: 2022-07-20
- Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1724
- Measurement SW: DASY52, Version 52.10 (4);

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) = 0.0593 W/kg

Configuration/Bluetooth_BDR_DH5_CH39_Rear_15 mm/Zoom Scan (9x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.525 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.112 W/kg
SAR(1 g) = 0.041 W/kg; SAR(10 g) = 0.020 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0768 W/kg



49)

Date: 2023-01-06

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

DUT: SM-A346BDSN, Type: Mobile Phone, Serial: R3CTA0N82LP

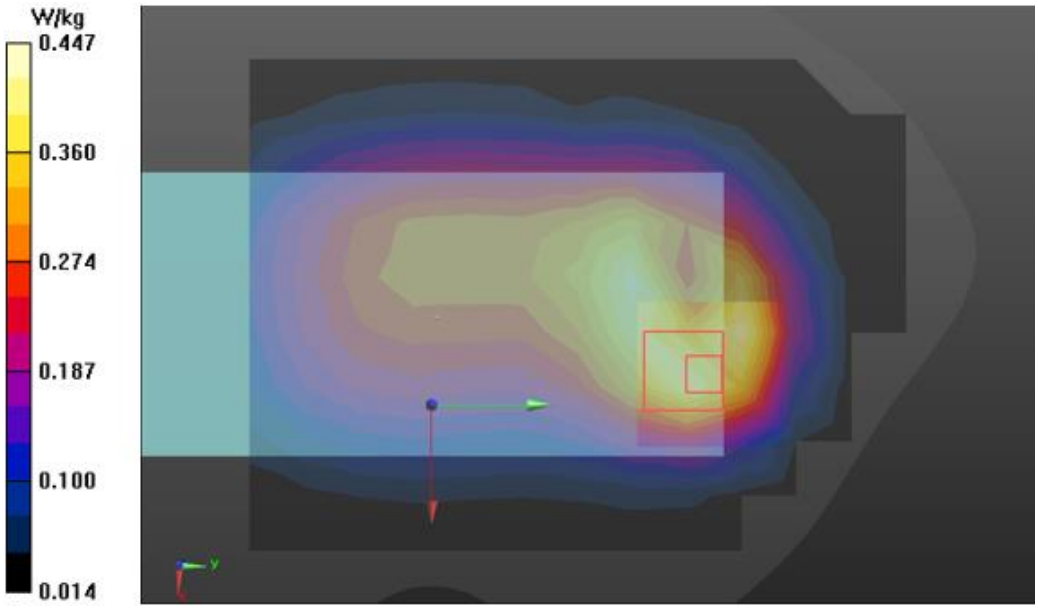
Communication System: UID 0, GSM850_2TX (0); Frequency: 836.6 MHz; Duty Cycle: 1:4.14954
Medium parameters used: f = 836.6 MHz; σ = 0.919 S/m; ε_r = 40.658; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7770;ConvF(8.73, 8.73, 8.73) @ 836.6 MHz; Calibrated: 2022-11-18
- 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_Front_10 mm/Area Scan (10x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.433 W/kg

Configuration/GSM850_GPRS 2Tx_CH190_Front_10 mm/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.64 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.525 W/kg
SAR(1 g) = 0.322 W/kg; SAR(10 g) = 0.205 W/kg
Maximum value of SAR (measured) = 0.447 W/kg



50)

Date: 1/5/2023

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 3. GSM 1900_Hotspot.da53:1

DUT: SM-A346BDSN, Type: Mobile Phone, Serial: R3CTA0N82LP

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 = 1.372 S/m; ε_r = 39.999; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

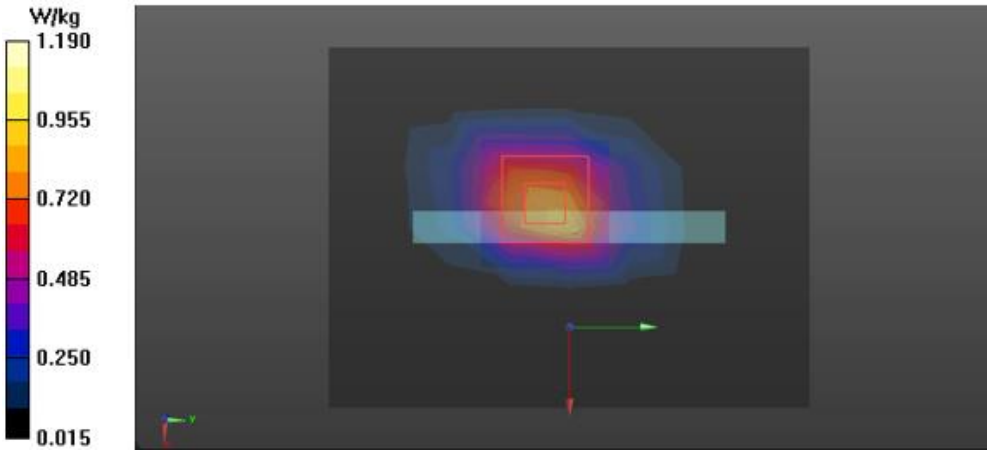
- Probe: EX3DV4 - SN3928;ConvF(7.72, 7.72, 7.72) @ 1909.8 MHz; Calibrated: 3/3/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1342; Calibrated: 5/31/2022
- Phantom: Twin-SAM V8.0_Right; Type: QD 000 P41 Ax; Serial: 1984
- Measurement SW: DASY52, Version 52.10 (4);

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) = 0.875 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 = 25.94 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 1.43 W/kg
SAR(1 g) = 0.768 W/kg; SAR(10 g) = 0.397 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.19 W/kg



51)

Date: 1/5/2023

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 7. WCDMA_FDD II_Hotspot.da53:1

DUT: SM-A346BDSN, Type: Mobile Phone, Serial: R3CTA0N82LP

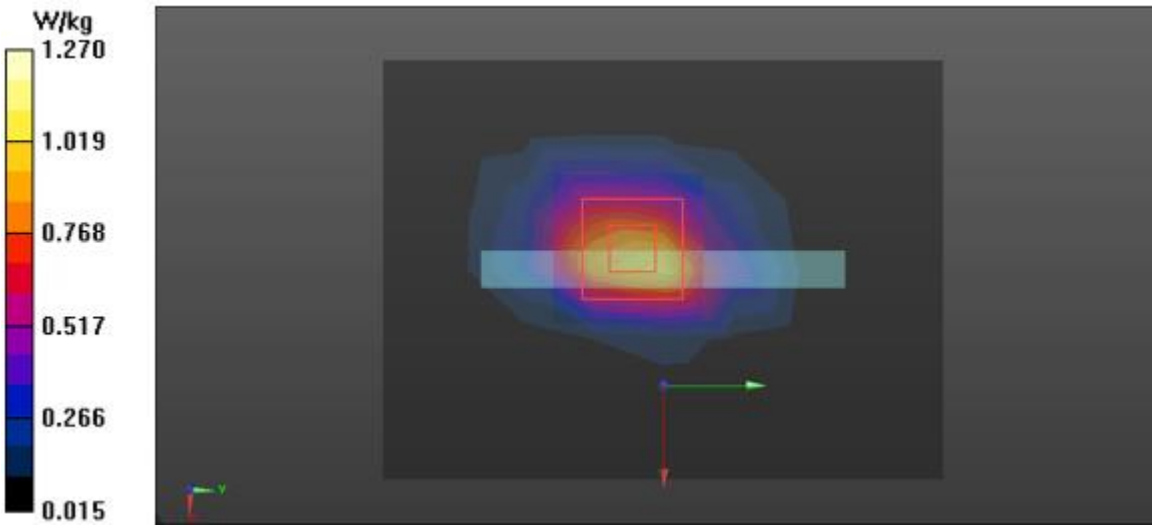
Communication System: UID 0, W-CDMA 1900 (Band 2) (0); Frequency: 1907.6 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1907.6 MHz; σ = 1.372 S/m; ε_r = 39.989; ρ = 1000 kg/m^3
Phantom section: Flat Section

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) = 1.07 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 = 28.78 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.53 W/kg
SAR(1 g) = 0.821 W/kg; SAR(10 g) = 0.423 W/kg
Maximum value of SAR (measured) = 1.27 W/kg



52)

Date: 1/4/2023

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

DUT: SM-A346BDSN, Type: Mobile Phone, Serial: R3CTA0N82LP

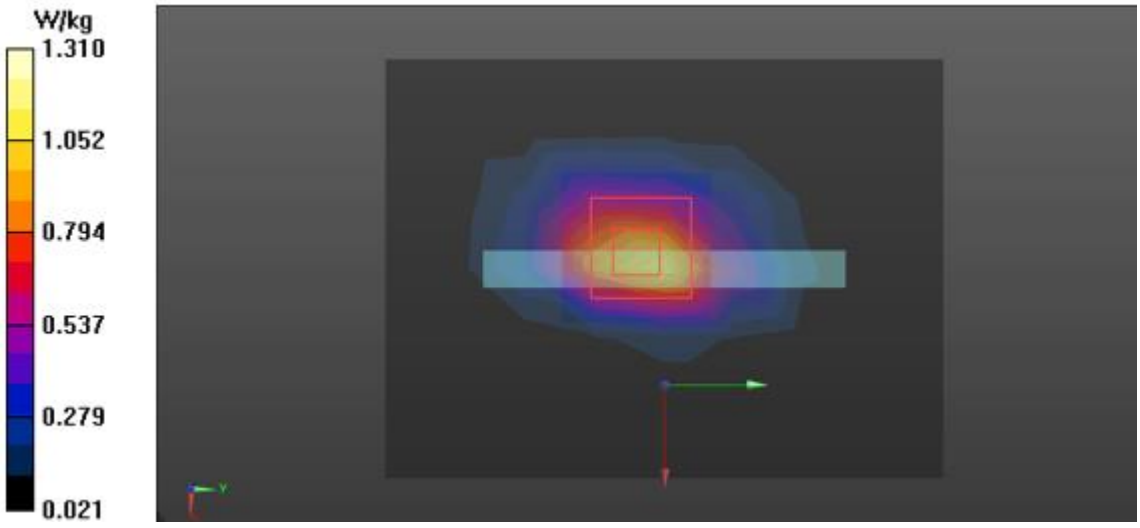
Communication System: UID 0, W-CDMA 1700 (Band 4) (0); Frequency: 1712.4 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1712.4 MHz; σ = 1.366 S/m; ε_r = 38.704; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3928;ConvF(8.01, 8.01, 8.01) @ 1712.4 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 IV_CH1312_Bottom_10 mm/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.13 W/kg

Configuration 3/WCDMA_FDD IV_CH1312_Bottom_10 mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.84 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 1.57 W/kg
SAR(1 g) = 0.857 W/kg; SAR(10 g) = 0.446 W/kg
Maximum value of SAR (measured) = 1.31 W/kg



53)

Date: 2023-01-06

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

DUT: SM-A346BDSN, Type: Mobile Phone, Serial: R3CTA0N82LP

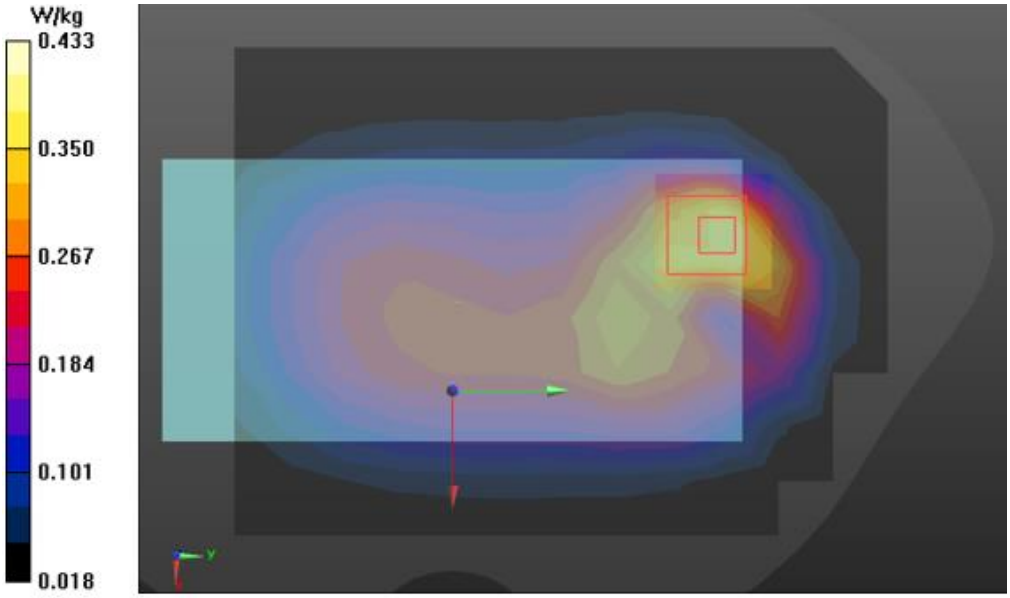
Communication System: UID 0, W-CDMA 850 (Band 5) (0); Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium parameters used: f = 836.6 MHz; σ = 0.919 S/m; ε_r = 40.658; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7770;ConvF(8.73, 8.73, 8.73) @ 836.6 MHz; Calibrated: 2022-11-18
- 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 _CH4183_Rear_10 mm/Area Scan (10x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.373 W/kg

Configuration/WCDMA V _CH4183_Rear_10 mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.07 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.528 W/kg
SAR(1 g) = 0.307 W/kg; SAR(10 g) = 0.186 W/kg
Maximum value of SAR (measured) = 0.433 W/kg



54)

Date: 2023-01-10

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

DUT: SM-A346BDSN, Type: Mobile Phone, Serial: R3CTA0N82LP

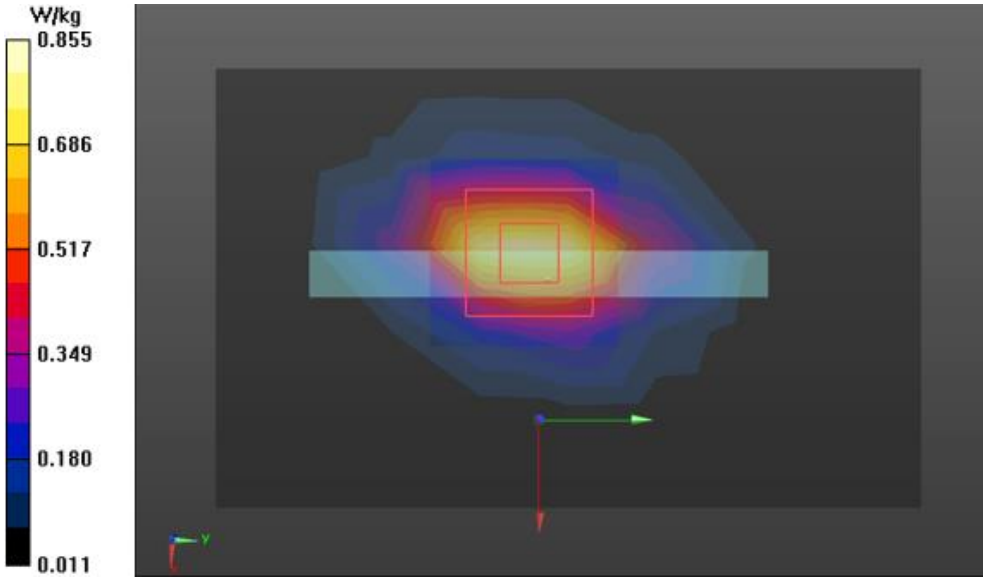
Communication System: UID 0, LTE Band 2 (0); Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.449 S/m; ε_r = 38.407; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7770;ConvF(7.57, 7.57, 7.57) @ 1880 MHz; Calibrated: 2022-11-18
- 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) = 0.830 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 = 26.52 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.02 W/kg
SAR(1 g) = 0.556 W/kg; SAR(10 g) = 0.288 W/kg
Maximum value of SAR (measured) = 0.855 W/kg



55)

Date: 2023-01-06

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

DUT: SM-A346BDSN, Type: Mobile Phone, Serial: R3CTA0N82LP

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 = 0.919 S/m; ε_r = 40.658; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

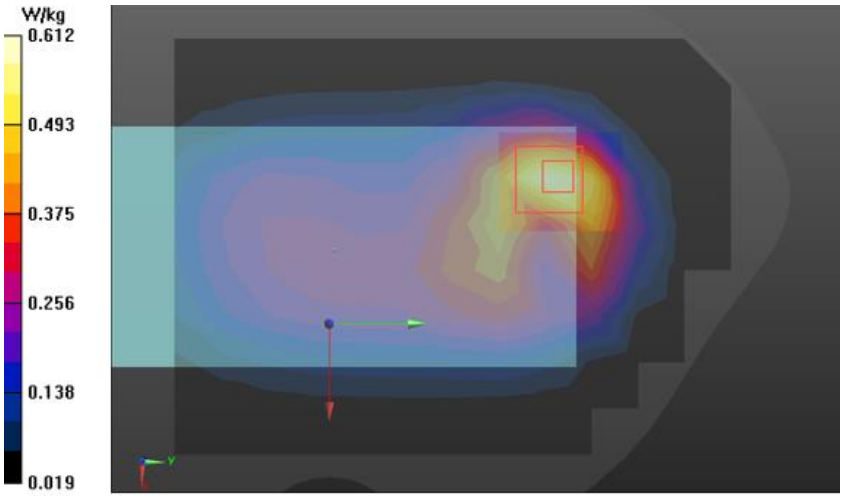
- Probe: EX3DV4 - SN7770;ConvF(8.73, 8.73, 8.73) @ 836.5 MHz; Calibrated: 2022-11-18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1567; Calibrated: 2022-03-24
- Phantom: Twin-SAM V4.0; Type: QD 000 P40 CC; Serial: 1728
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/LTE Band 5_QPSK_10 MHz_1RB_25offset_CH20525_Rear_10 mm/Area Scan (10x13x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.596 W/kg

Configuration/LTE Band 5_QPSK_10 MHz_1RB_25offset_CH20525_Rear_10 mm/Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.06 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.734 W/kg
SAR(1 g) = 0.423 W/kg; SAR(10 g) = 0.254 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.612 W/kg



56)

Date: 2023-01-06

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

DUT: SM-A346BDSN, Type: Mobile Phone, Serial: R3CTA0N82LP

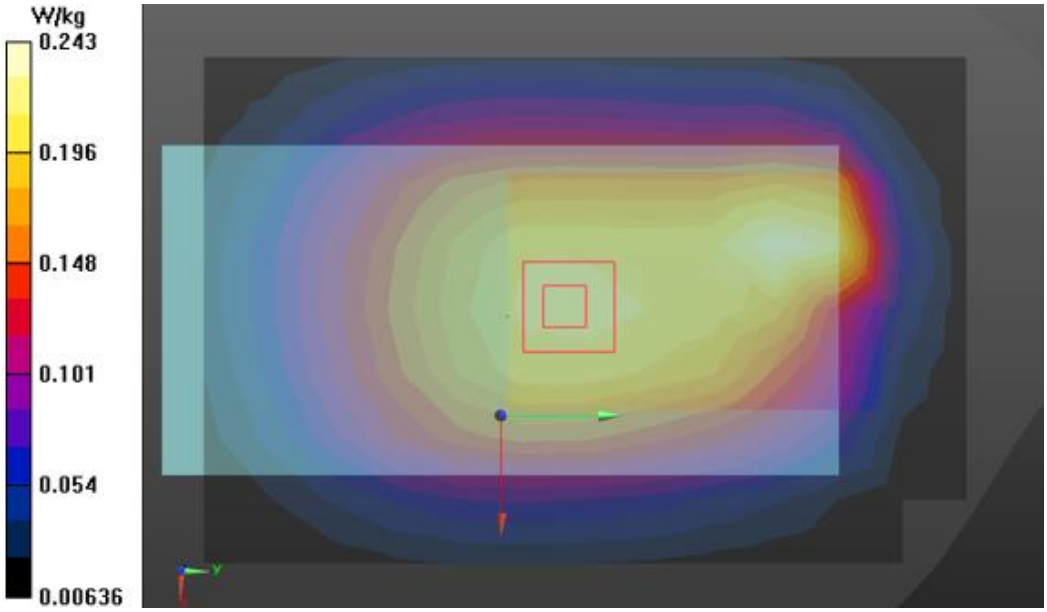
Communication System: UID 0, LTE Band 12 (0); Frequency: 707.5 MHz; Duty Cycle: 1:1
Medium parameters used: f = 707.5 MHz; σ = 0.87 S/m; ε_r = 40.971; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7770;ConvF(8.92, 8.92, 8.92) @ 707.5 MHz; Calibrated: 2022-11-18
- 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 (9x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.242 W/kg

Configuration/LTE Band 12_QPSK_10 MHz_1RB_25offset_CH23095_Rear_10 mm/Zoom Scan (8x12x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.74 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 0.309 W/kg
SAR(1 g) = 0.174 W/kg; SAR(10 g) = 0.134 W/kg
Maximum value of SAR (measured) = 0.243 W/kg



57)

Date: 2023-01-11

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

DUT: SM-A346BDSN, Type: Mobile Phone, Serial: R3CTA0N80ZZ

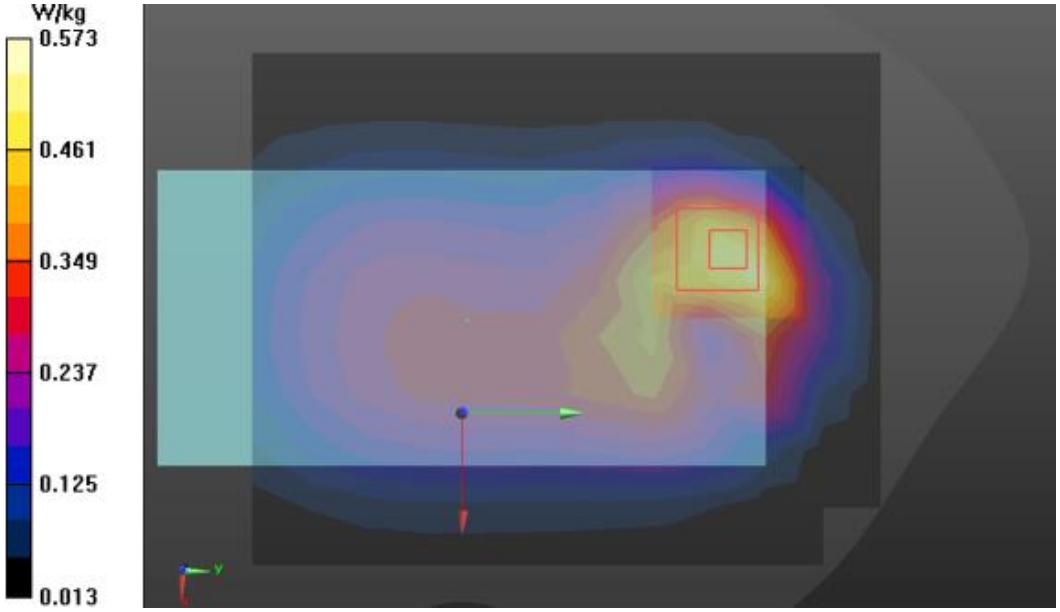
Communication System: UID 0, LTE Band 26 (0); Frequency: 831.5 MHz; Duty Cycle: 1:1
Medium parameters used: f = 831.5 MHz; σ = 0.921 S/m; ε_r = 40.522; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7770;ConvF(8.73, 8.73, 8.73) @ 831.5 MHz; Calibrated: 2022-11-18
- 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
Maximum value of SAR (measured) = 0.519 W/kg

Configuration/LTE Band 26_QPSK_15MHz_1RB 36Offset_CH26865_Rear_10 mm/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.89 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 0.683 W/kg
SAR(1 g) = 0.392 W/kg; SAR(10 g) = 0.235 W/kg
Maximum value of SAR (measured) = 0.573 W/kg



58)

Date: 12/17/2022

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

DUT: SM-A346BDSN, Type: Mobile Phone, Serial: R3CTA0N82LP

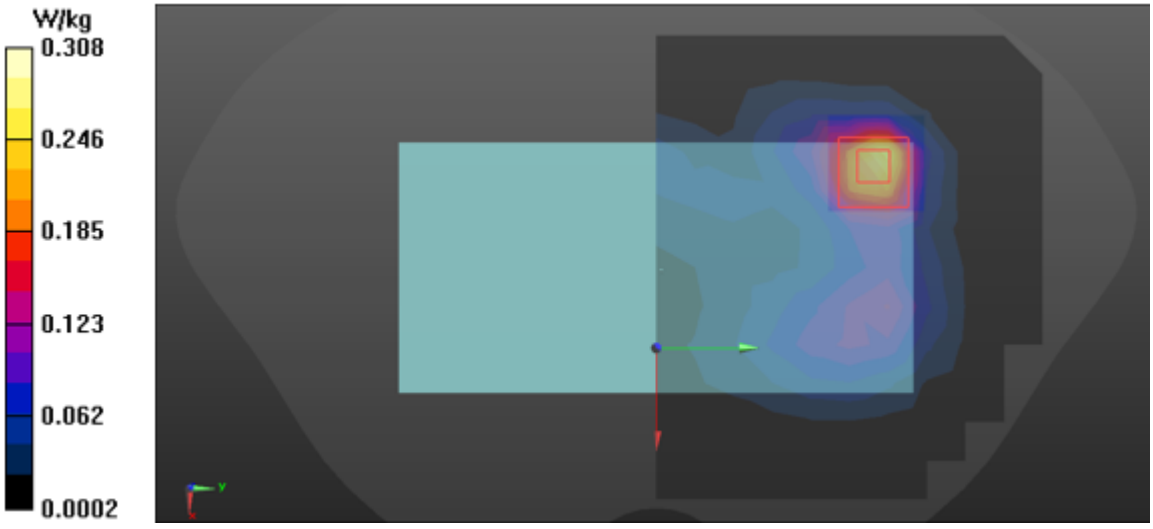
Communication System: UID 0, LTE Band 41 (0); Frequency: 2680 MHz; Duty Cycle: 1:1.58016
Medium parameters used: f = 2680 MHz; σ = 2.006 S/m; ε_r = 37.634; ρ = 1000 kg/m^3
Phantom section: Flat Section

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) = 0.259 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 = 12.79 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.400 W/kg
SAR(1 g) = 0.175 W/kg; SAR(10 g) = 0.078 W/kg
Maximum value of SAR (measured) = 0.308 W/kg



59)

Date: 2023-01-09

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 3. LTE Band 66_QPSK_20MHz_Hotspot.da53:0

DUT: SM-A346BDSN, Type: Mobile Phone, Serial: R3CTA0N82LP

Communication System: UID 0, LTE Band 66 (0); Frequency: 1745 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1745 MHz; σ = 1.345 S/m; ε_r = 38.337; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

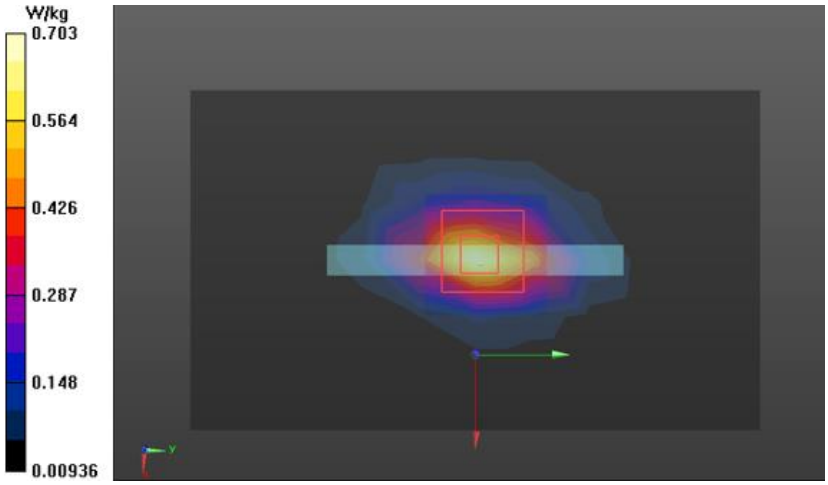
- Probe: EX3DV4 - SN7770;ConvF(7.99, 7.99, 7.99) @ 1745 MHz; Calibrated: 2022-11-18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1567; Calibrated: 2022-03-24
- Phantom: Twin-SAM V4.0; Type: QD 000 P40 CC; Serial: 1728
- Measurement SW: DASY52, Version 52.10 (4);

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) = 0.694 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 = 23.18 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.849 W/kg
SAR(1 g) = 0.456 W/kg; SAR(10 g) = 0.237 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.703 W/kg



60)

Date: 2023-01-02

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

DUT: SM-A346BDSN, Type: Mobile Phone, Serial: R3CTA0N82DY

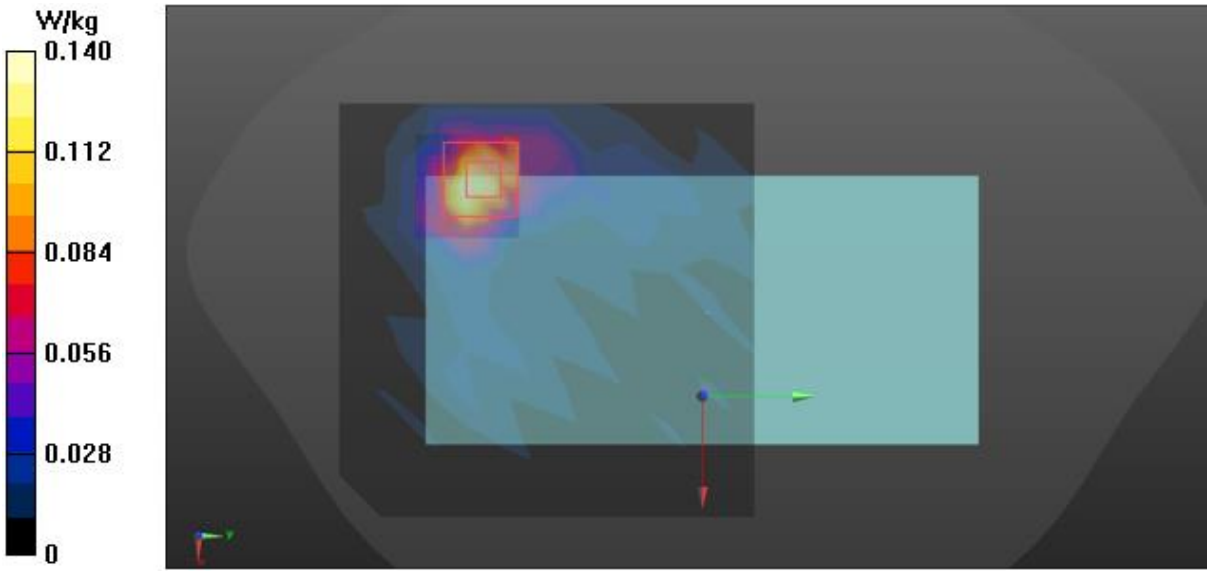
Communication System: UID 0, 2.4GWLAN (0); Frequency: 2412 MHz; Duty Cycle: 1:1
Medium parameters used: f = 2412 MHz; σ = 1.82 S/m; ε_r = 39.111; ρ = 1000 kg/m^3
Phantom section: Flat Section

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) = 0.140 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 = 1.833 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.242 W/kg
SAR(1 g) = 0.089 W/kg; SAR(10 g) = 0.040 W/kg
Maximum value of SAR (measured) = 0.167 W/kg



61)

Date: 2023-01-02

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

DUT: SM-A346BDSN, Type: Mobile Phone, Serial: R3CTA0N82DY

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 = 39.032; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

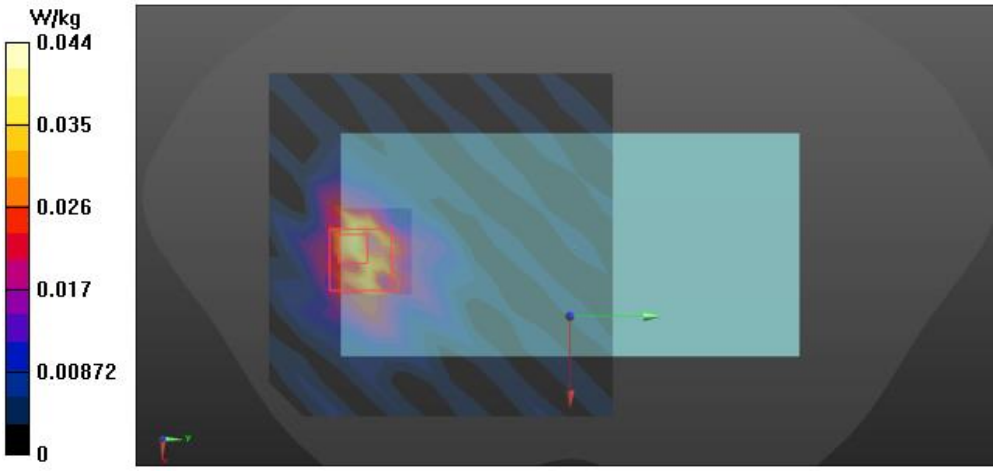
- Probe: EX3DV4 - SN3697;ConvF(7.14, 7.14, 7.14) @ 2437 MHz; Calibrated: 2022-03-28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1587; Calibrated: 2022-07-20
- Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1724
- Measurement SW: DASY52, Version 52.10 (4);

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) = 0.0436 W/kg

Configuration/802.11_b_Wi-Fi2_CH6_Rear_10 mm/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.344 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.0560 W/kg
SAR(1 g) = 0.020 W/kg; SAR(10 g) = 0.00868 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0400 W/kg



62)

Date: 2023-01-02

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

DUT: SM-A346BDSN, Type: Mobile Phone, Serial: R3CTA0N82DY

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 = 39.032; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

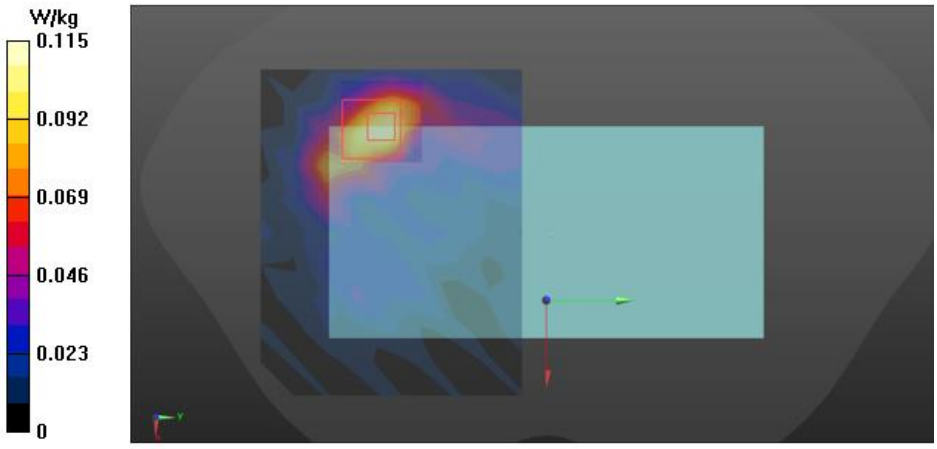
- Probe: EX3DV4 - SN3697;ConvF(7.14, 7.14, 7.14) @ 2437 MHz; Calibrated: 2022-03-28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1587; Calibrated: 2022-07-20
- Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1724
- Measurement SW: DASY52, Version 52.10 (4);

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) = 0.115 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 = 3.037 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.179 W/kg
SAR(1 g) = 0.072 W/kg; SAR(10 g) = 0.033 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.124 W/kg



63)

Date: 2023-01-04

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 3. 5.8 GHz_802.11_Hotspot.da53:0

DUT: SM-A346BDSN , Type: Mobile Phone, Serial: R3CTA0N82DY

Communication System: UID 0, 5GWLAN (0); Frequency: 5785 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 5785 MHz; σ = 5.325 S/m; ε_r = 34.179; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

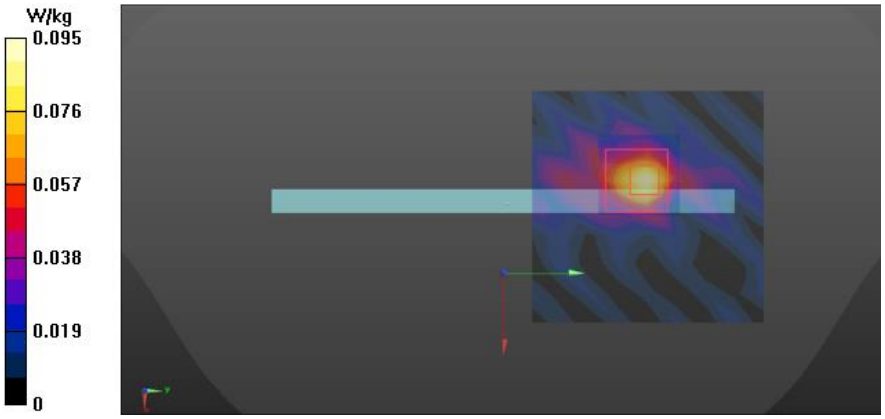
- Probe: EX3DV4 - SN3697;ConvF(4.36, 4.36, 4.36) @ 5785 MHz; Calibrated: 2022-03-28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1587; Calibrated: 2022-07-20
- Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1724
- Measurement SW: DASY52, Version 52.10 (4);

Configuration 1/802.11_a_WI-FI1_CH157_Left_10 mm/Area Scan (9x9x1): Measurement grid: dx=10mm, dy=10mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0951 W/kg

Configuration 1/802.11_a_WI-FI1_CH157_Left_10 mm/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 1.246 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.179 W/kg
SAR(1 g) = 0.033 W/kg; SAR(10 g) = 0.010 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.100 W/kg



64)

Date: 2023-01-04

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 3. 5.8 GHz_802.11_Hotspot.da53:0

DUT: SM-A346BDSN , Type: Mobile Phone, Serial: R3CTA0N82DY

Communication System: UID 0, 5GWLAN (0); Frequency: 5745 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 5745 MHz; σ = 5.269 S/m; ε_r = 34.254; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

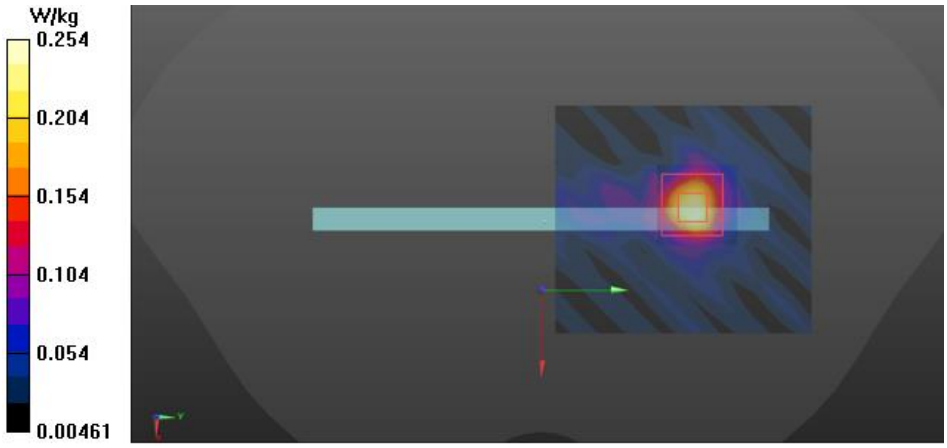
- Probe: EX3DV4 - SN3697;ConvF(4.36, 4.36, 4.36) @ 5745 MHz; Calibrated: 2022-03-28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1587; Calibrated: 2022-07-20
- Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1724
- Measurement SW: DASY52, Version 52.10 (4);

Configuration 1/802.11_a_Wi_FI2_CH149_Left_10 mm/Area Scan (9x10x1): Measurement grid: dx=10mm, dy=10mm

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

Configuration 1/802.11_a_Wi_FI2_CH149_Left_10 mm/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 2.252 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.510 W/kg
SAR(1 g) = 0.106 W/kg; SAR(10 g) = 0.033 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.292 W/kg



65)

Date: 2023-01-04

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 3. 5.8 GHz_802.11_Hotspot.da53:0

DUT: SM-A346BDSN , Type: Mobile Phone, Serial: R3CTA0N82DY

Communication System: UID 0, 5GWLAN (0); Frequency: 5745 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 5745 MHz; σ = 5.269 S/m; ε_r = 34.254; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

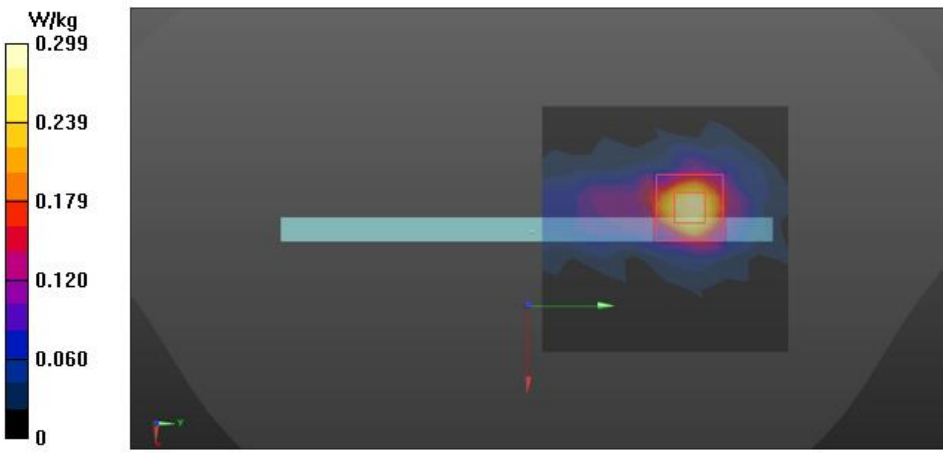
- Probe: EX3DV4 - SN3697;ConvF(4.36, 4.36, 4.36) @ 5745 MHz; Calibrated: 2022-03-28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1587; Calibrated: 2022-07-20
- Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1724
- Measurement SW: DASY52, Version 52.10 (4);

Configuration 1/802.11_a_MIMO_CH149_Left_10 mm 2/Area Scan (9x9x1): Measurement grid: dx=10mm, dy=10mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.299 W/kg

Configuration 1/802.11_a_MIMO_CH149_Left_10 mm 2/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 2.346 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.551 W/kg
SAR(1 g) = 0.120 W/kg; SAR(10 g) = 0.039 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.317 W/kg



66)

Date: 2023-01-03

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

DUT: SM-A346BDSN , Type: Mobile Phone, Serial: R3CTA0N82DY

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:

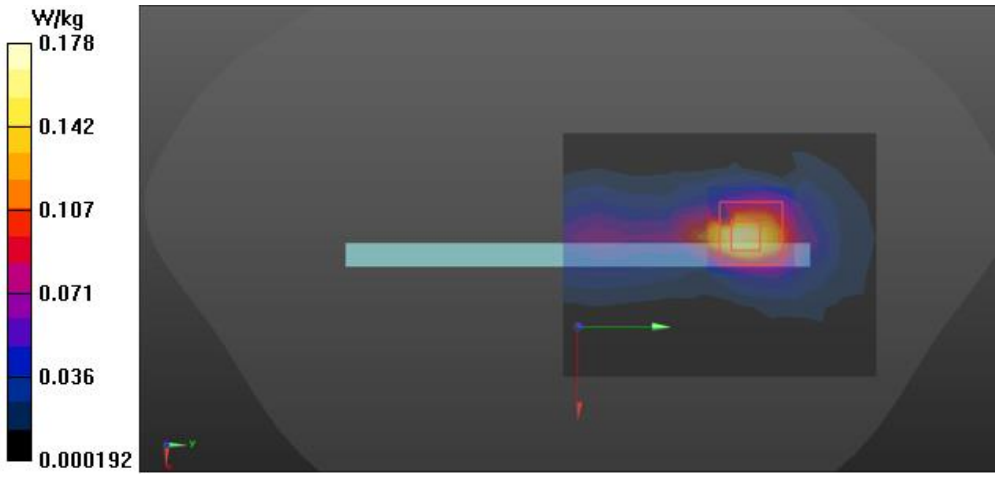
- Probe: EX3DV4 - SN3697;ConvF(7.14, 7.14, 7.14) @ 2441 MHz; Calibrated: 2022-03-28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1587; Calibrated: 2022-07-20
- Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1724
- Measurement SW: DASY52, Version 52.10 (4);

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) = 0.178 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 = 4.076 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.241 W/kg
SAR(1 g) = 0.106 W/kg; SAR(10 g) = 0.047 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.179 W/kg



67)

Date: 1/5/2023

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 4. GSM 1900_Phablet.da53:2

DUT: SM-A346BDSN, Type: Mobile Phone, Serial: R3CTA0N82LP

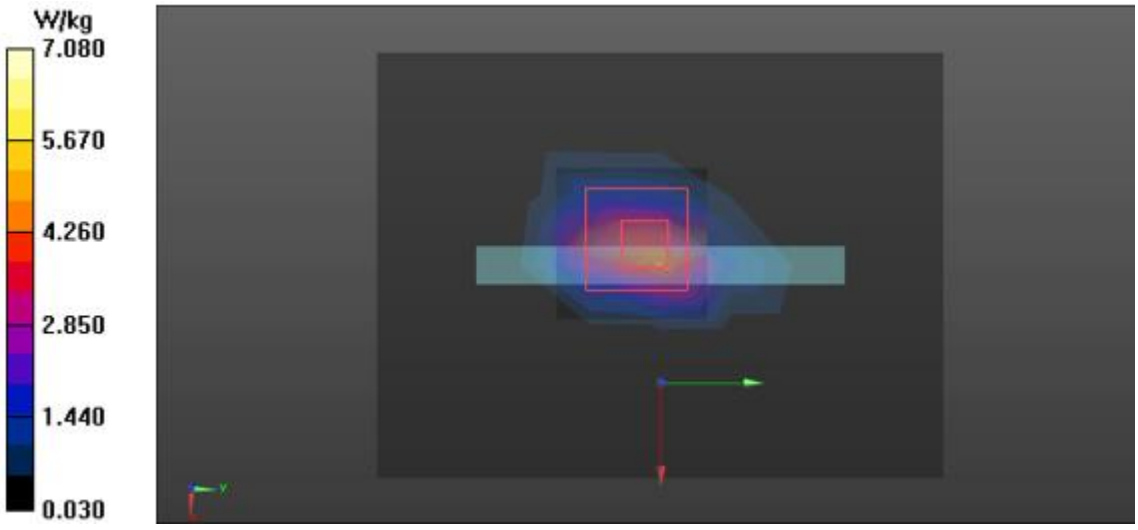
Communication System: UID 0, GSM 1900_2Tx (0); Frequency: 1850.2 MHz; Duty Cycle: 1:4.14954
Medium parameters used: f = 1850.2 MHz; σ = 1.34 S/m; ε_r = 40.059; ρ = 1000 kg/m^3
Phantom section: Flat Section

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) = 4.45 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 = 59.93 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 9.21 W/kg
SAR(1 g) = 3.62 W/kg; SAR(10 g) = 1.55 W/kg
Maximum value of SAR (measured) = 7.08 W/kg



68)

Date: 1/5/2023

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 8. WCDMA_FDD II_Phablet.da53:2

DUT: SM-A346BDSN, Type: Mobile Phone, Serial: R3CTA0N82LP

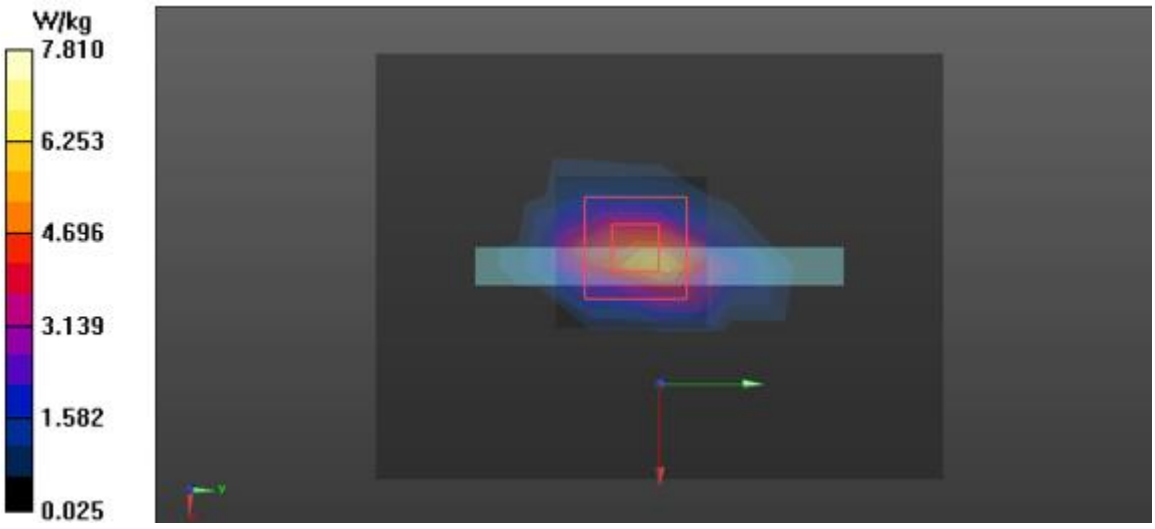
Communication System: UID 0, W-CDMA 1900 (Band 2) (0); Frequency: 1852.4 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1852.4 MHz; σ = 1.342 S/m; ε_r = 40.051; ρ = 1000 kg/m^3
Phantom section: Flat Section

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) = 5.88 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 = 68.33 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 10.1 W/kg
SAR(1 g) = 4.01 W/kg; SAR(10 g) = 1.69 W/kg
Maximum value of SAR (measured) = 7.81 W/kg



69)

Date: 1/4/2023

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 4. WCDMA_FDD IV_Phablet.da53:1

DUT: SM-A346BDSN, Type: Mobile Phone, Serial: R3CTA0N82LP

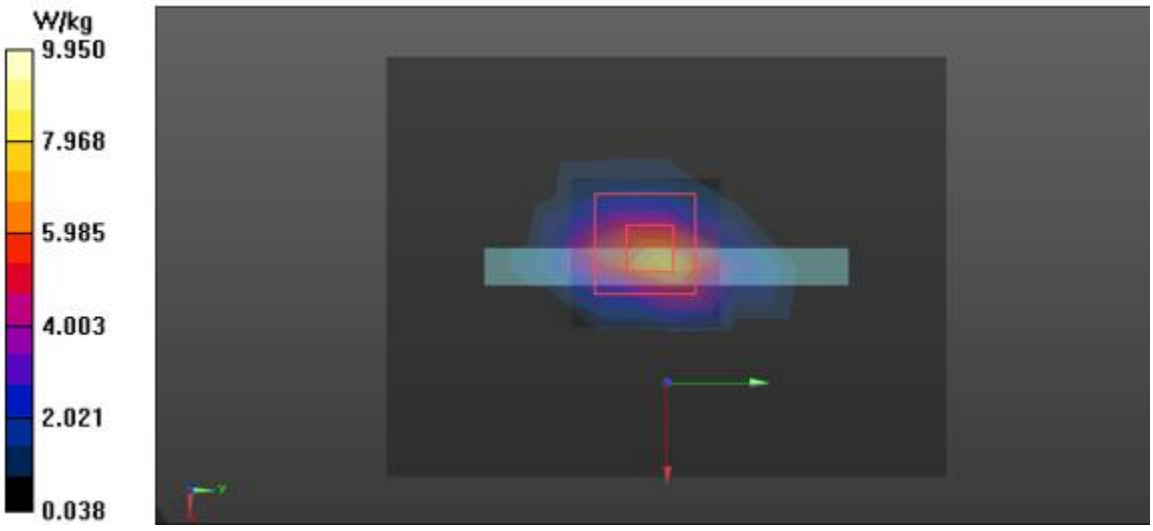
Communication System: UID 0, W-CDMA 1700 (Band 4) (0); Frequency: 1732.4 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1732.4 MHz; σ = 1.379 S/m; ε_r = 38.664; ρ = 1000 kg/m^3
Phantom section: Flat Section

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 3/WCDMA_FDD IV_CH1412_Bottom_0 mm Grip Sensor on/Area Scan (7x9x1):
Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 7.76 W/kg

Configuration 3/WCDMA_FDD IV_CH1412_Bottom_0 mm Grip Sensor on/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 78.24 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 12.7 W/kg
SAR(1 g) = 5.16 W/kg; SAR(10 g) = 2.22 W/kg
Maximum value of SAR (measured) = 9.95 W/kg



70)

Date: 2023-01-10

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

DUT: SM-A346BDSN, Type: Mobile Phone, Serial: R3CTA0N82LP

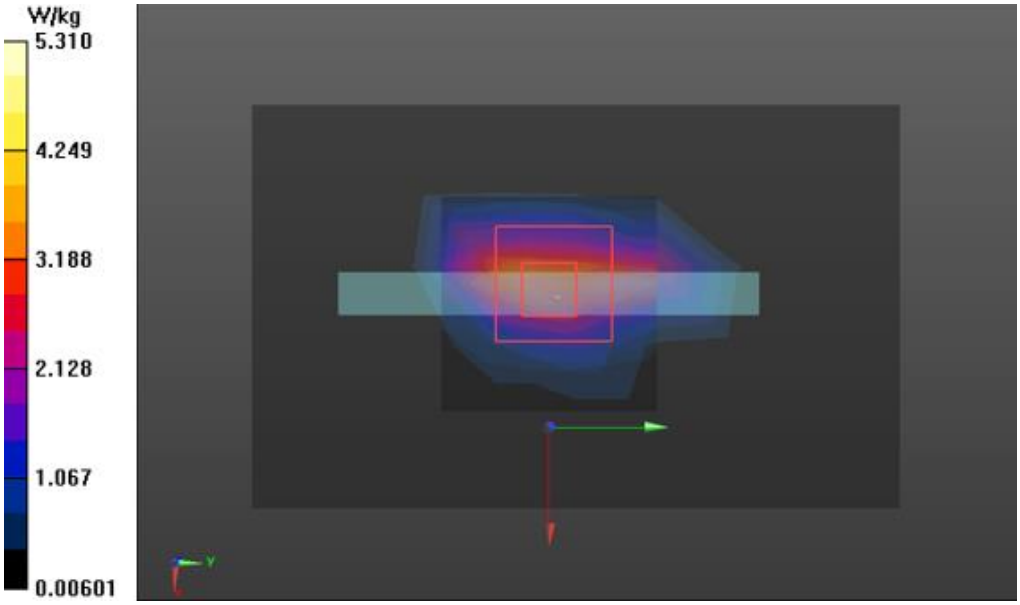
Communication System: UID 0, LTE Band 2 (0); Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.449 S/m; ε_r = 38.407; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7770;ConvF(7.57, 7.57, 7.57) @ 1880 MHz; Calibrated: 2022-11-18
- 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_0 mm/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 3.21 W/kg

Configuration 3/LTE Band 2_QPSK_20MHz_1RB 49Offset_CH18900_Bottom_0 mm/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 65.30 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 6.69 W/kg
SAR(1 g) = 2.85 W/kg; SAR(10 g) = 1.23 W/kg
Maximum value of SAR (measured) = 5.31 W/kg



71)

Date: 2023-01-09

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

DUT: SM-A346BDSN, Type: Mobile Phone, Serial: R3CTA0N82LP

Communication System: UID 0, LTE Band 66 (0); Frequency: 1745 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1745 MHz; σ = 1.345 S/m; ε_r = 38.337; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

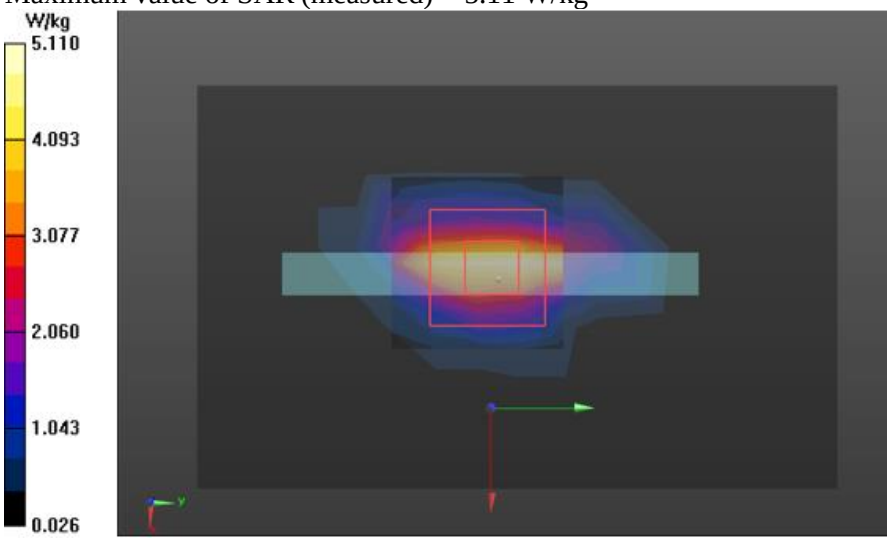
- Probe: EX3DV4 - SN7770;ConvF(7.99, 7.99, 7.99) @ 1745 MHz; Calibrated: 2022-11-18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1567; Calibrated: 2022-03-24
- Phantom: Twin-SAM V4.0; Type: QD 000 P40 CC; Serial: 1728
- Measurement SW: DASY52, Version 52.10 (4);

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) = 3.35 W/kg

Configuration 3/LTE Band 66_QPSK_20MHz_50RB 24Offset_CH132072_Bottom_0 mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 59.31 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 6.83 W/kg
SAR(1 g) = 2.81 W/kg; SAR(10 g) = 1.21 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 5.11 W/kg



72)

Date: 2023-01-04

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

DUT: SM-A346BDSN, Type: Mobile Phone, Serial: R3CTA0N82DY

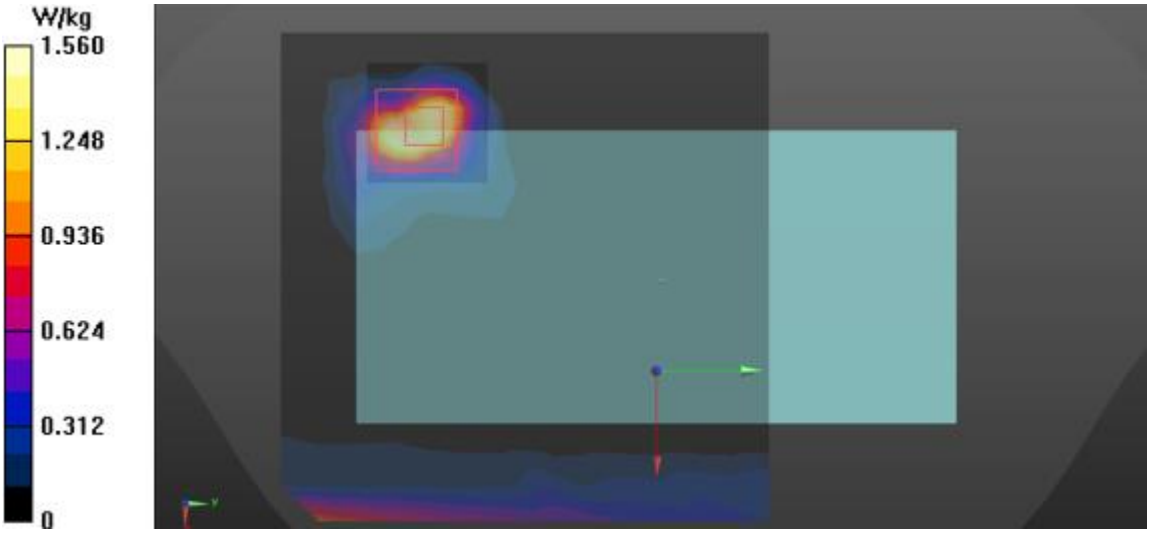
Communication System: UID 0, 5GWLAN (0); Frequency: 5320 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5320 MHz; σ = 4.794 S/m; ε_r = 35.108; ρ = 1000 kg/m^3
Phantom section: Flat Section

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 (14x14x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 1.56 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 = 21.82 V/m; Power Drift = 0.19 dB
Peak SAR (extrapolated) = 6.62 W/kg
SAR(1 g) = 0.881 W/kg; SAR(10 g) = 0.252 W/kg
Maximum value of SAR (measured) = 2.58 W/kg



73)

Date: 2023-01-04

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

DUT: SM-A346BDSN , Type: Mobile Phone, Serial: R3CTA0N82DY

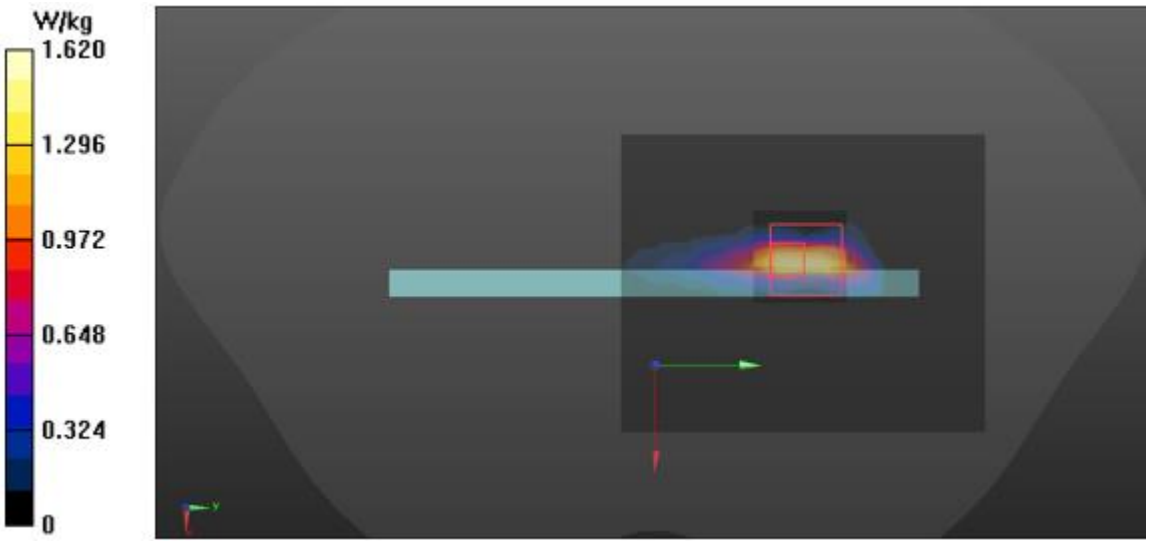
Communication System: UID 0, 5GWLAN (0); Frequency: 5320 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5320 MHz; σ = 4.794 S/m; ε_r = 35.108; ρ = 1000 kg/m^3
Phantom section: Flat Section

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 1/802.11_a_Wi-Fi2_CH64_Left_0 mm/Area Scan (10x12x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 1.62 W/kg

Configuration 1/802.11_a_Wi-Fi2_CH64_Left_0 mm/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 1.477 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 4.87 W/kg
SAR(1 g) = 0.615 W/kg; SAR(10 g) = 0.161 W/kg
Maximum value of SAR (measured) = 1.99 W/kg



74)

Date: 2023-01-04

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

DUT: SM-A346BDSN , Type: Mobile Phone, Serial: R3CTA0N82DY

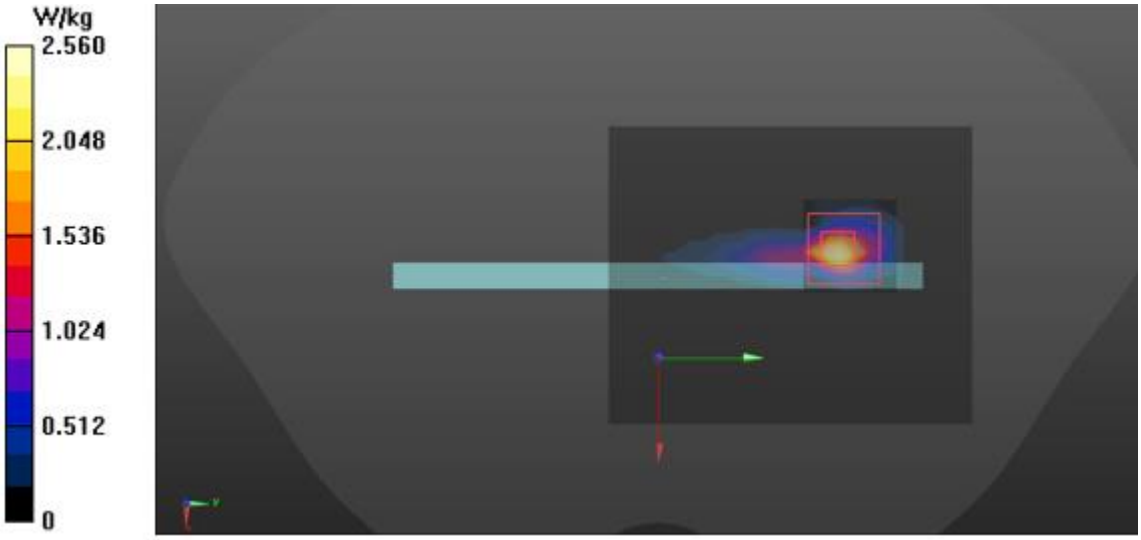
Communication System: UID 0, 5GWLAN (0); Frequency: 5320 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5320 MHz; σ = 4.794 S/m; ε_r = 35.108; ρ = 1000 kg/m^3
Phantom section: Flat Section

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 1/802.11_a_MIMO_CH64_Left_0 mm/Area Scan (10x12x1): Measurement grid:
dx=10mm, dy=10mm
Maximum value of SAR (measured) = 2.56 W/kg

Configuration 1/802.11_a_MIMO_CH64_Left_0 mm/Zoom Scan (8x8x7)/Cube 0: Measurement grid:
dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 1.645 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 6.11 W/kg
SAR(1 g) = 1.03 W/kg; SAR(10 g) = 0.231 W/kg
Maximum value of SAR (measured) = 3.14 W/kg



75)

Date: 2023-01-04

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 3. 5.6 GHz_802.11_Phablet.da53:0

DUT: SM-A346BDSN, Type: Mobile Phone, Serial: R3CTA0N82DY

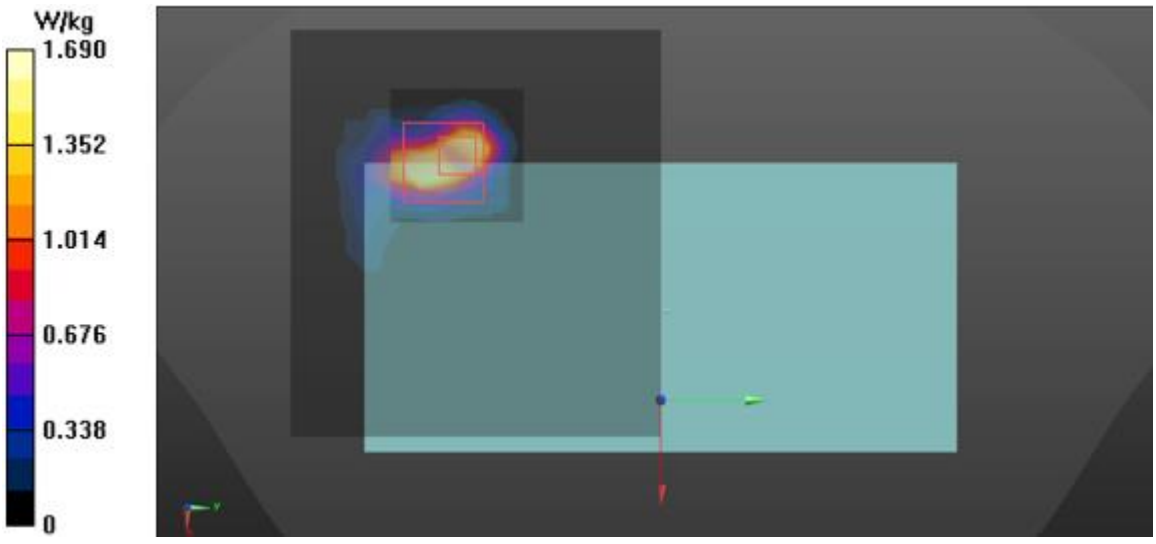
Communication System: UID 0, 5GWLAN (0); Frequency: 5500 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5500 MHz; σ = 4.993 S/m; ε_r = 34.767; ρ = 1000 kg/m^3
Phantom section: Flat Section

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_0 mm/Area Scan (12x11x1): Measurement grid:
dx=10mm, dy=10mm
Maximum value of SAR (measured) = 1.69 W/kg

Configuration/802.11_a_Wi-Fi1_CH100_Rear_0 mm/Zoom Scan (10x10x7)/Cube 0: Measurement grid:
dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 5.179 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 6.36 W/kg
SAR(1 g) = 0.924 W/kg; SAR(10 g) = 0.249 W/kg
Maximum value of SAR (measured) = 2.47 W/kg



76)

Date: 2023-01-04

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 3. 5.6 GHz_802.11_Phablet.da53:0

DUT: SM-A346BDSN , Type: Mobile Phone, Serial: R3CTA0N82DY

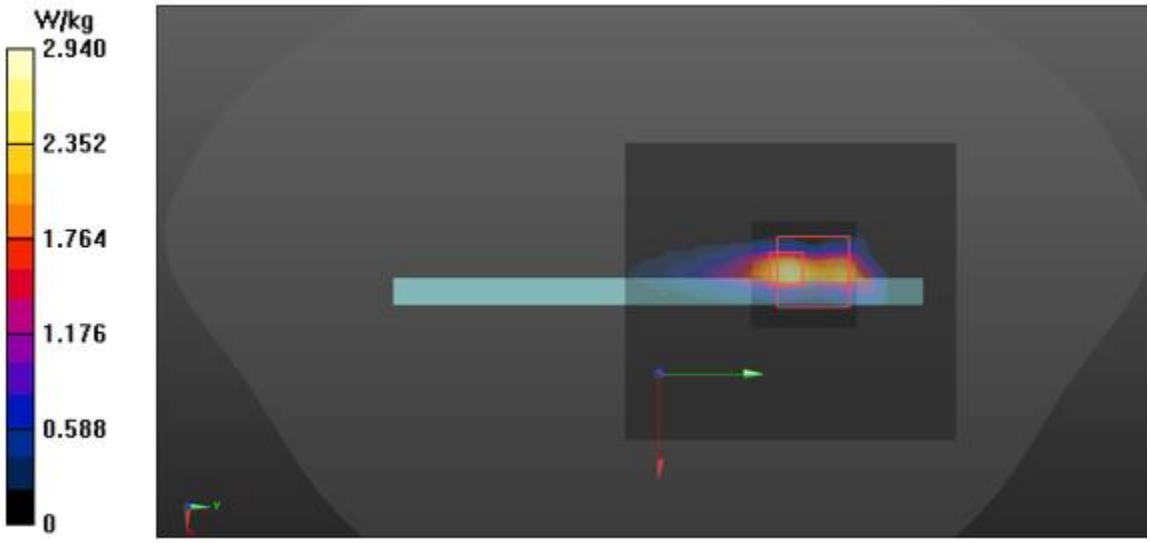
Communication System: UID 0, 5GWLAN (0); Frequency: 5500 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5500 MHz; σ = 4.993 S/m; ε_r = 34.767; ρ = 1000 kg/m^3
Phantom section: Flat Section

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) = 2.94 W/kg

Configuration 2/802.11_a_Wi-Fi2_CH100_Left_0 mm/Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 23.18 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 7.92 W/kg
SAR(1 g) = 1.04 W/kg; SAR(10 g) = 0.254 W/kg
Maximum value of SAR (measured) = 2.94 W/kg



77)

Date: 2023-01-04

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: 3. 5.6 GHz_802.11_Phablet.da53:0

DUT: SM-A346BDSN, Type: Mobile Phone, Serial: R3CTA0N82DY

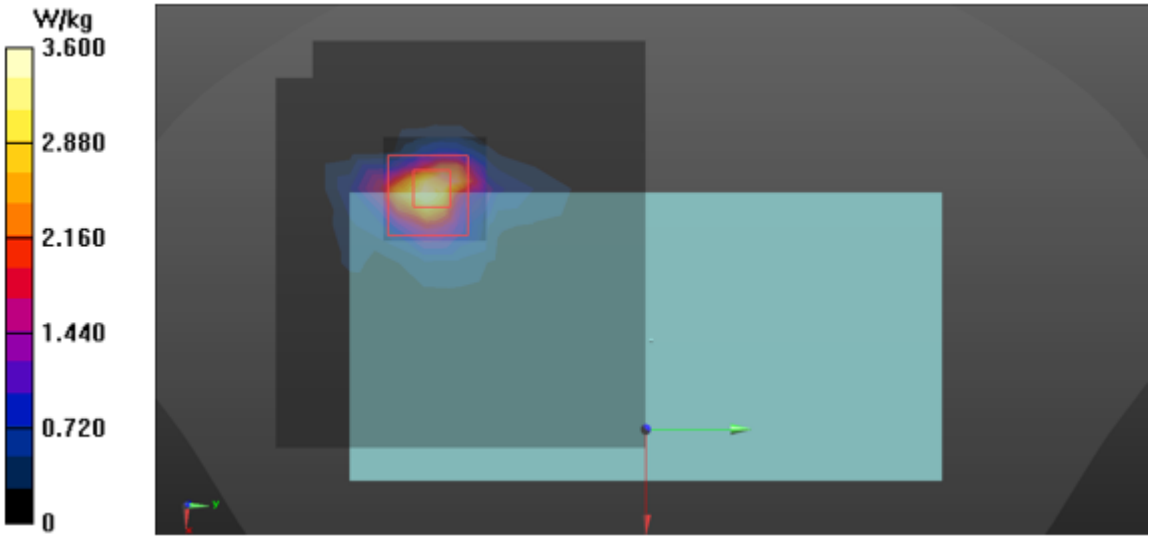
Communication System: UID 0, 5GWLAN (0); Frequency: 5500 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5500 MHz; σ = 4.993 S/m; ε_r = 34.767; ρ = 1000 kg/m^3
Phantom section: Flat Section

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_0 mm/Area Scan (12x11x1): Measurement grid:
dx=10mm, dy=10mm
Maximum value of SAR (measured) = 3.60 W/kg

Configuration/802.11_a_MIMO_CH100_Rear_0 mm/Zoom Scan (8x8x7)/Cube 0: Measurement grid:
dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 4.796 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 8.13 W/kg
SAR(1 g) = 1.53 W/kg; SAR(10 g) = 0.463 W/kg
Maximum value of SAR (measured) = 4.04 W/kg



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Eurofins KCTL Co.,Ltd.

Measurement Report for SM-A346BDSN, BACK, Custom Band NFC, UID 0 -, Channel 13600 (13.6MHz)

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
SM-A346BDSN, SAMSUNG	162.0 x 78.0 x 9.0	R3CTA0N82LP	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

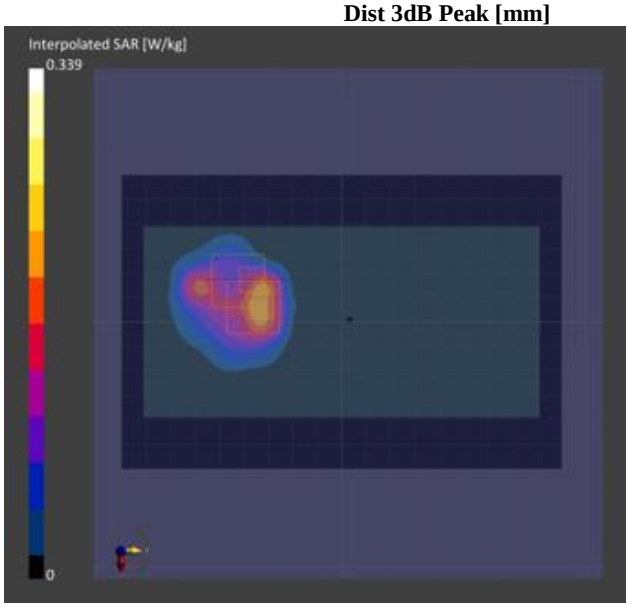
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2098	HBBL-4-250 , 2022-Dec-27	EX3DV4 - SN3928, 2022-03-03	DAE4 Sn1342, 2022-05-31

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]	0.060	0.071
psSAR8g [W/kg]	0.045	0.027
psSAR10g [W/kg]	0.043	0.024
psAPD (1.0cm2, sq) [W/m2]		0.712
psAPD (4.0cm2, sq) [W/m2]		0.537
Power Drift [dB]		0.09
M2/M1 [%]		54.3
Dist 3dB Peak [mm]		4.3



Appendixes List

Appendix A	A.1 Probe Calibration certificate (EX3DV4_3697) A.2 Probe Calibration certificate (EX3DV4_7770) A.3 Probe Calibration certificate (EX3DV4_3928) A.4 Confined Loop Antennas Calibration certificate (CLA13_1019) A.5 Dipole Calibration certificate (D750V3_1183) A.6 Dipole Calibration certificate (D900V2_1d138) A.7 Dipole Calibration certificate (D1750V2_1072) A.8 Dipole Calibration certificate (D1900V2_5d160) A.9 Dipole Calibration certificate (D2450V2_895) A.10 Dipole Calibration certificate (D2600V2_1050) A.11 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