Appendix B. SAR Measurement Plots

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Next to Mouth SAR
Limbs SAR

Date: 2021-09-08

Place of testing: HUAWEI SAR/HAC Lab

JPT-B19 2.4G Wi-Fi 802.11b 6CH Front Side 10mm-Core0

DUT: JPT-B19; Type: Notebook Computer; Serial: DASY3

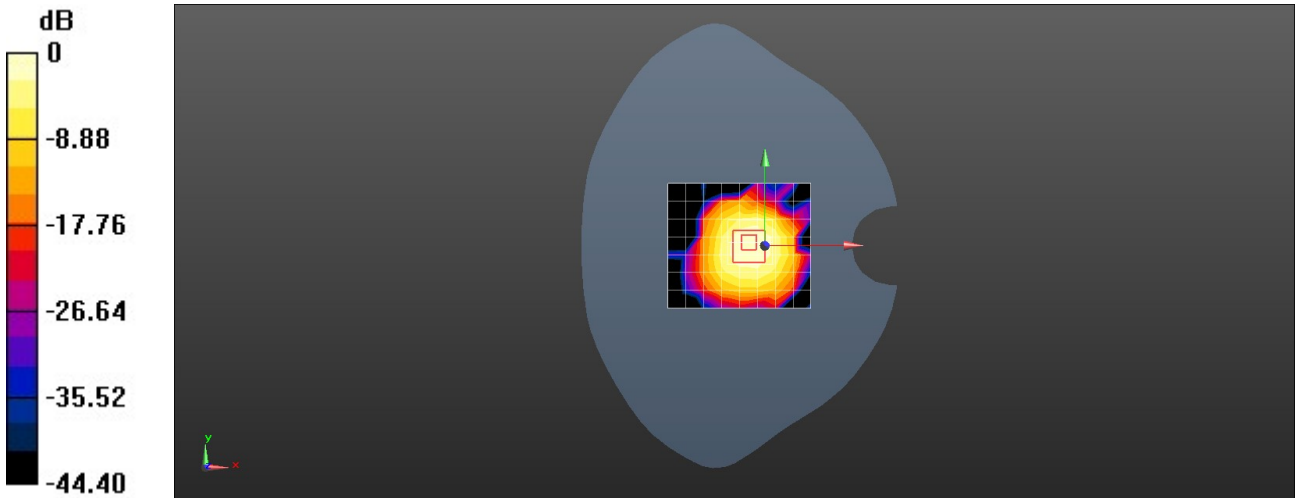
Communication System: UID 0, WiFi(802.11a/b/g/n/ac) (0); Frequency: 2437 MHz;Duty Cycle: 1:1.00972
Medium parameters used: f = 2437 MHz; σ = 1.761 S/m; ε_r = 38.33; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(7.37, 7.37, 7.37) @ 2437 MHz; Calibrated: 2021-07-28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1492; Calibrated: 2021-07-28
- Phantom: SAM1; Type: SAM; Serial: 1475
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Next ToMouth/Area Scan (9x8x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.191 W/kg

Configuration/Next ToMouth/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.041 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.248 W/kg
SAR(1 g) = 0.150 W/kg; SAR(10 g) = 0.082 W/kg
Smallest distance from peaks to all points 3 dB below = 10.8 mm
Ratio of SAR at M2 to SAR at M1 = 62.3%
Maximum value of SAR (measured) = 0.210 W/kg



0 dB = 0.210 W/kg = -6.78 dBW/kg

Date: 2021-09-08

Place of testing: HUAWEI SAR/HAC Lab

JPT-B19 2.4G Wi-Fi 802.11b 6CH Back Side 0mm-Core0

DUT: JPT-B19; Type: Notebook Computer; Serial: DASY3

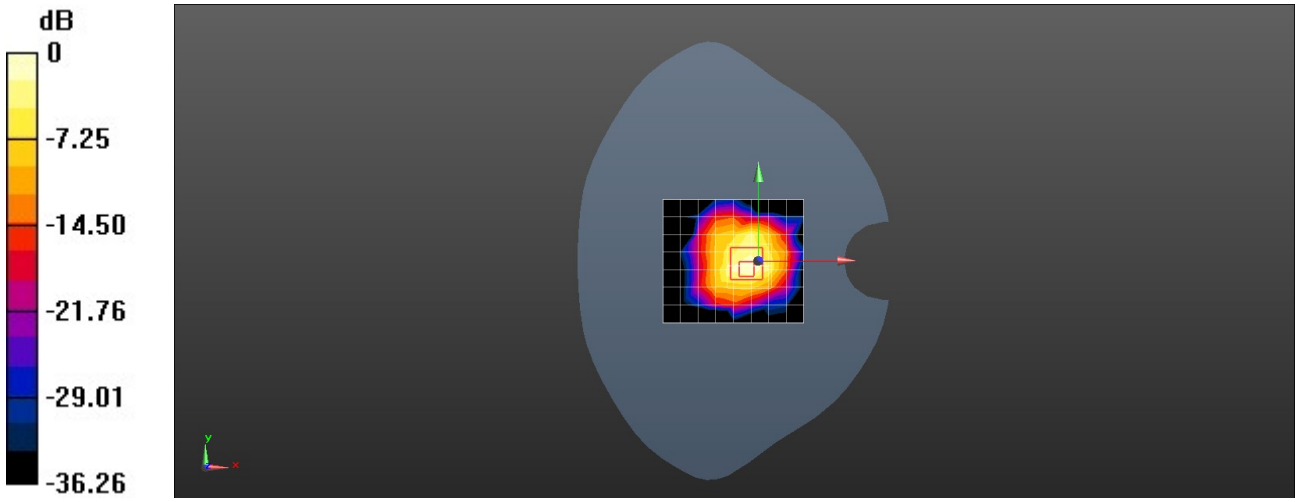
Communication System: UID 0, WiFi(802.11a/b/g/n/ac) (0); Frequency: 2437 MHz;Duty Cycle: 1:1.00972
Medium parameters used: f = 2437 MHz; σ = 1.761 S/m; ε_r = 38.33; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3744; ConvF(7.37, 7.37, 7.37) @ 2437 MHz; Calibrated: 2021-07-28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1492; Calibrated: 2021-07-28
- Phantom: SAM1; Type: SAM; Serial: 1475
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Limbs/Area Scan (9x8x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 1.37 W/kg

Configuration/Limbs/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 16.46 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 1.64 W/kg
SAR(1 g) = 0.868 W/kg; SAR(10 g) = 0.394 W/kg
Smallest distance from peaks to all points 3 dB below = 7 mm
Ratio of SAR at M2 to SAR at M1 = 56.3%
Maximum value of SAR (measured) = 1.33 W/kg



0 dB = 1.33 W/kg = 1.24 dBW/kg

Date: 2021-07-20

Place of testing: HUAWEI SAR/HAC Lab

JPT-B19 BT DH5 39CH Front Side 10mm with battery 2 silica gel strap-Ant1

DUT: JPT-B19; Type: Smart Watch; Serial: SAR5

Communication System: UID 0, BT (0); Frequency: 2441 MHz;Duty Cycle: 1:1.29957
Medium parameters used (interpolated): f = 2441 MHz; σ = 1.814 S/m; ε_r = 37.675; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

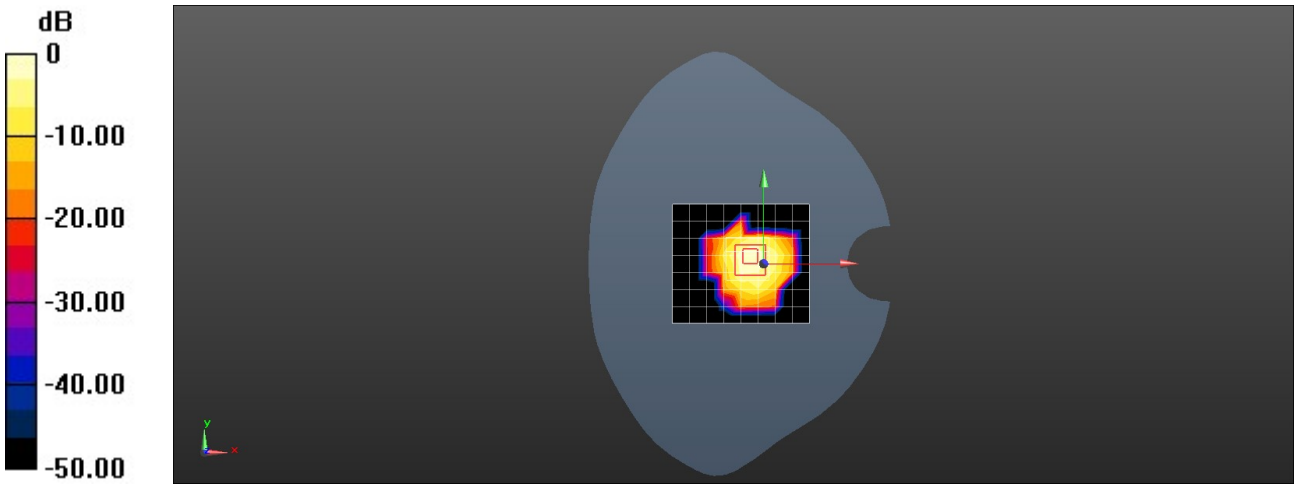
- Probe: EX3DV4 - SN7350; ConvF(7.72, 7.72, 7.72) @ 2441 MHz; Calibrated: 2020-12-21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1531; Calibrated: 2021-02-24
- Phantom: SAM7; Type: SAM; Serial: 1594
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Next to mouth/Area Scan (9x8x1): Measurement grid: dx=12mm, dy=12mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0437 W/kg

Configuration/Next to mouth/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.171 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.0700 W/kg
SAR(1 g) = 0.037 W/kg; SAR(10 g) = 0.018 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 55.2%

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



0 dB = 0.0584 W/kg = -12.34 dBW/kg

Date: 2021-07-20

Place of testing: HUAWEI SAR/HAC Lab

JPT-B19 BT DH5 39CH Back Side 0mm with silica gel strap-Ant1

DUT: JPT-B19; Type: Fitness Watch; Serial: SAR5

Communication System: UID 0, BT (0); Frequency: 2441 MHz;Duty Cycle: 1:1.29957
Medium parameters used (interpolated): f = 2441 MHz; σ = 1.814 S/m; ε_r = 37.675; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

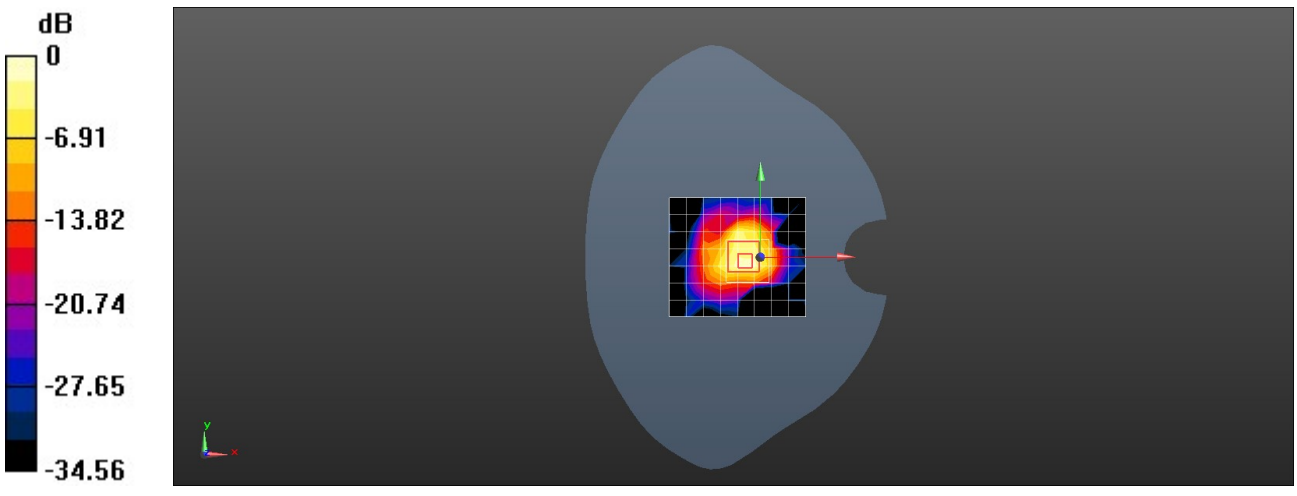
- Probe: EX3DV4 - SN7350; ConvF(7.72, 7.72, 7.72) @ 2441 MHz; Calibrated: 2020-12-21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1531; Calibrated: 2021-02-24
- Phantom: SAM7; Type: SAM; Serial: 1594
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Limbs/Area Scan (9x8x1): Measurement grid: dx=12mm, dy=12mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.238 W/kg

Configuration/Limbs/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.537 V/m; Power Drift = 0.19 dB
Peak SAR (extrapolated) = 0.402 W/kg
SAR(1 g) = 0.196 W/kg; SAR(10 g) = 0.089 W/kg
Smallest distance from peaks to all points 3 dB below = 8.1 mm
Ratio of SAR at M2 to SAR at M1 = 50.3%

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.328 W/kg



0 dB = 0.328 W/kg = -4.84 dBW/kg