

Appendix B

Highest Test Plots

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1. BT left-Head SAR

Date: 21.08.2022

Test Laboratory: Tianjin Dongdian Testing Service CO., Ltd

BT Left head

DUT: Mobile; M/N: T90ET

Communication System: UID 0, Bluetooth (0); Communication System Band: Bluetooth; Frequency: 2480 MHz; Communication System PAR: 0 dB; PMF: 1.12202e-005

Medium parameters used: $f = 2480$ MHz; $\sigma = 1.828$ S/m; $\epsilon_r = 37.293$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

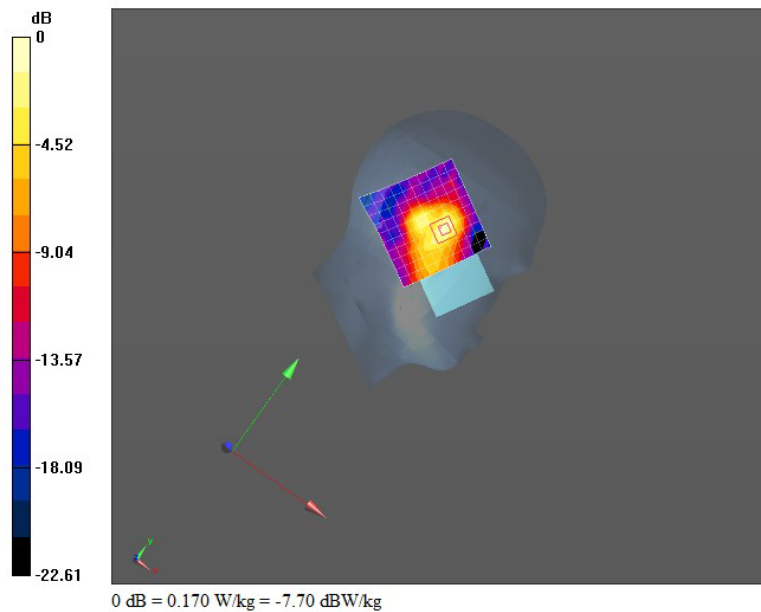
DASY Configuration:

- Probe: EX3DV4 - SN3906; ConvF(7.69, 7.69, 7.69); Calibrated: 27.02.2022;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1366; Calibrated: 21.01.2022
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: 1752
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head Left side check BT DH5 CH78/Area Scan (11x11x1): Measurement grid: $dx=10$ mm, $dy=10$ mm
Maximum value of SAR (measured) = 0.151 W/kg

Configuration/Head Left side check BT DH5 CH78/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm
Reference Value = 7.134 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.255 W/kg
SAR(1 g) = 0.111 W/kg; SAR(10 g) = 0.048 W/kg

Maximum value of SAR (measured) = 0.170 W/kg



2. BT body-worn & Extremities 0mm SAR

Date: 21.08.2022

Test Laboratory: Tianjin Dongdian Testing Service CO., Ltd

BT Limb

DUT: Mobile; M/N:T90ET

Communication System: UID 0, Bluetooth (0); Communication System Band: Bluetooth; Frequency: 2480 MHz; Communication System PAR: 0 dB; PMF: 1.12202e-005

Medium parameters used: $f = 2480$ MHz; $\sigma = 1.828$ S/m; $\epsilon_r = 37.293$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

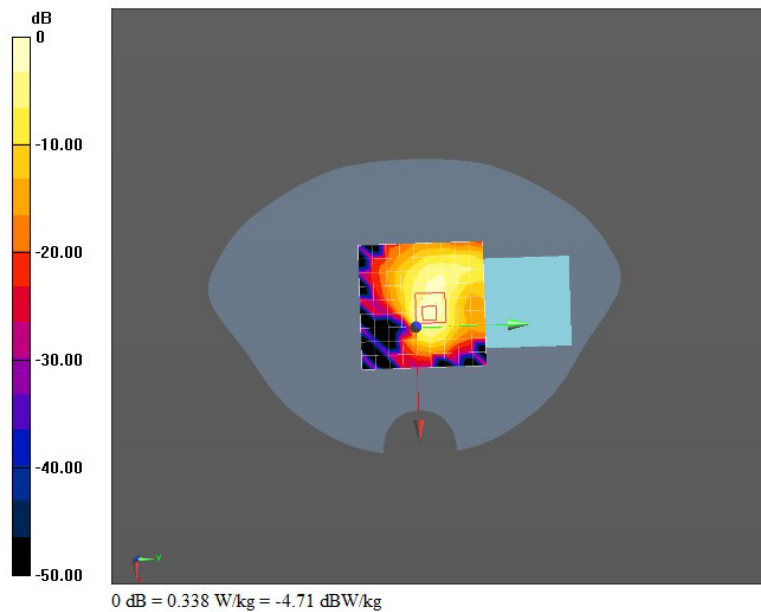
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: EX3DV4 - SN3906; ConvF(7.69, 7.69, 7.69); Calibrated: 27.02.2022;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1366; Calibrated: 21.01.2022
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: 1752
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Limb Back Side BT DH5 CH78/Area Scan (10x10x1): Measurement grid: $dx=10$ mm, $dy=10$ mm
Maximum value of SAR (measured) = 0.342 W/kg**Configuration/Limb Back Side BT DH5 CH78/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm
Reference Value = 8.745 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 0.529 W/kg
SAR(1 g) = 0.180 W/kg; SAR(10 g) = 0.073 W/kg

Maximum value of SAR (measured) = 0.338 W/kg



3. WIFI_2.4G Head SAR

Date: 21.08.2022

Test Laboratory: Tianjin Dongdian Testing Service CO., Ltd

2.4G Wifi Left head

DUT: Mobile; M/N:T90ET

Communication System: UID 0, 2.4G wifi (0); Communication System Band: 11g; Frequency: 2437 MHz; Communication System PAR: 0 dB; PMF: 1.12202e-005
Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.773$ S/m; $\epsilon_r = 37.371$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

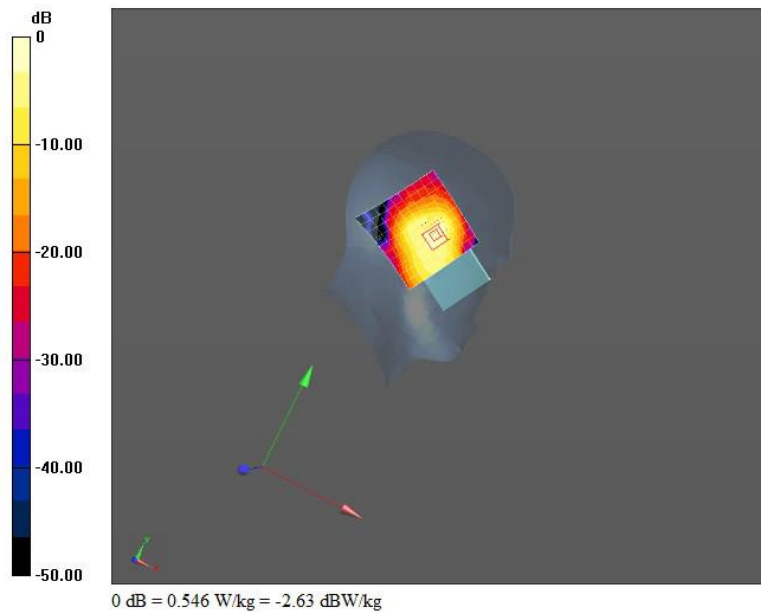
DASY Configuration:

- Probe: EX3DV4 - SN3906; ConvF(7.69, 7.69, 7.69); Calibrated: 27.02.2022;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1366; Calibrated: 21.01.2022
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: 1752
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head Left side check 11b 1M CH6/Area Scan (11x11x1): Measurement grid: $dx=10$ mm, $dy=10$ mm
Maximum value of SAR (measured) = 0.486 W/kg

Configuration/Head Left side check 11b 1M CH6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm
Reference Value = 11.56 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.801 W/kg
SAR(1 g) = 0.343 W/kg; SAR(10 g) = 0.147 W/kg

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



4. WIFI_2.4G body-worn & Extremities 0mm SAR

Date: 21.08.2022

Test Laboratory: Tianjin Dongdian Testing Service CO., Ltd

2.4G Wifi Limb

DUT: Mobile; M/N:T90ET

Communication System: UID 0, 2.4G wifi (0); Communication System Band: 11g; Frequency: 2437 MHz; Communication System PAR: 0 dB; PMF: 1.12202e-005
 Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.773$ S/m; $\epsilon_r = 37.371$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: EX3DV4 - SN3906; ConvF(7.69, 7.69, 7.69); Calibrated: 27.02.2022;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1366; Calibrated: 21.01.2022
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: 1752
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Limb Back Side 11b 1M CH6/Area Scan (10x10x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (measured) = 0.693 W/kg

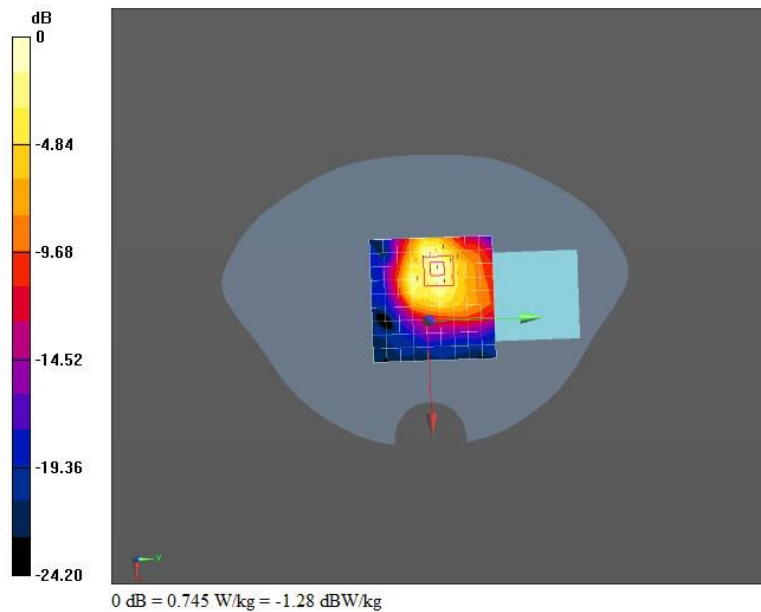
Configuration/Limb Back Side 11b 1M CH6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.35 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.974 W/kg

SAR(1 g) = 0.415 W/kg; SAR(10 g) = 0.192 W/kg

Maximum value of SAR (measured) = 0.745 W/kg



5. WIFI_5G Head SAR

Date: 23.08.2022

Test Laboratory: Tianjin Dongdian Testing Service CO., Ltd

5G Wifi B3 Left head

DUT: Mobile; M/N:T90ET

Communication System: UID 0, 5G Wifi (0); Communication System Band: 5G wifi; Frequency: 5775 MHz; Communication System PAR: 0 dB; PMF: 1.12202e-005
 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.098$ S/m; $\epsilon_r = 35.277$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2011)

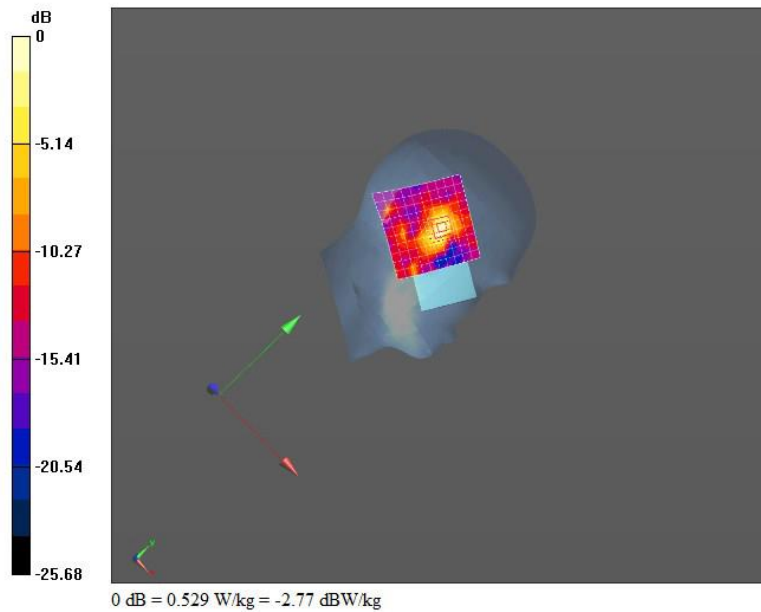
DASY Configuration:

- Probe: EX3DV4 - SN3906; ConvF(4.96, 4.96, 4.96); Calibrated: 27.02.2022;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1366; Calibrated: 21.01.2022
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1752
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head Left side check 11ac VHT80 CH155/Area Scan (11x11x1): Measurement grid: $dx=10$ mm, $dy=10$ mm
 Maximum value of SAR (measured) = 0.484 W/kg

Configuration/Head Left side check 11ac VHT80 CH155/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm
 Reference Value = 3.663 V/m; Power Drift = 0.17 dB
 Peak SAR (extrapolated) = 0.932 W/kg
 SAR(1 g) = 0.268 W/kg; SAR(10 g) = 0.093 W/kg

Maximum value of SAR (measured) = 0.529 W/kg



6. WIFI_5G body-worn & Extremities 0mm SAR

Date: 22.08.2022

Test Laboratory: Tianjin Dongdian Testing Service CO., Ltd

5G Wifi B1 Limb

DUT: Mobile; Serial: T90ET

Communication System: UID 0, 5G Wifi (0); Communication System Band: 5G wifi; Frequency: 5230 MHz; Communication System PAR: 0 dB; PMF: 1.12202e-005
 Medium parameters used: $f = 5230$ MHz; $\sigma = 4.547$ S/m; $\epsilon_r = 36.892$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

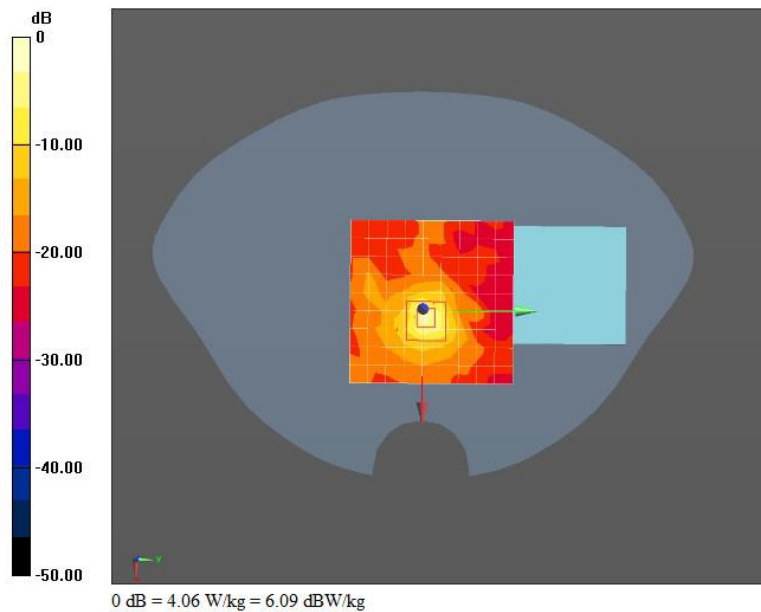
DASY Configuration:

- Probe: EX3DV4 - SN3906; ConvF(5.7, 5.7, 5.7); Calibrated: 27.02.2022;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1366; Calibrated: 21.01.2022
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: 1752
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Limb Back Side 11ac VHT40 CH46/Area Scan (10x10x1): Measurement grid: $dx=10$ mm, $dy=10$ mm
 Maximum value of SAR (measured) = 3.12 W/kg

Configuration/Limb Back Side 11ac VHT40 CH46/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm
 Reference Value = 5.030 V/m; Power Drift = 0.19 dB
 Peak SAR (extrapolated) = 7.62 W/kg
 SAR(1 g) = 1.001 W/kg; SAR(10 g) = 0.350 W/kg

Maximum value of SAR (measured) = 4.06 W/kg



7. WIFI_5G body-worn & Extremities 0mm MAX Report SAR

Date: 22.08.2022

Test Laboratory: Tianjin Dongdian Testing Service CO., Ltd

5G Wifi B2A Limb

DUT: Mobile; M/N:T90ET

Communication System: UID 0, 5G Wifi (0); Communication System Band: 5G wifi; Frequency: 5290 MHz; Communication System PAR: 0 dB; PMF: 1.12202e-005
 Medium parameters used: $f = 5290$ MHz; $\sigma = 4.609$ S/m; $\epsilon_r = 36.725$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: EX3DV4 - SN3906; ConvF(5.51, 5.51, 5.51); Calibrated: 27.02.2022;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1366; Calibrated: 21.01.2022
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: 1752
- DASYS52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Limb Back Side 11ac VHT40 CH46/Area Scan (10x10x1): Measurement grid: $dx=10$ mm, $dy=10$ mm
 Maximum value of SAR (measured) = 3.11 W/kg

Configuration/Limb Back Side 11ac VHT40 CH46/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm
 Reference Value = 5.138 V/m; Power Drift = -0.19 dB
 Peak SAR (extrapolated) = 7.55 W/kg
 SAR(1 g) = 0.876 W/kg; SAR(10 g) = 0.337 W/kg

Maximum value of SAR (measured) = 4.03 W/kg

