

Annex A. Plots of System Verification

The plots for system verification with largest deviation for each frequency band are shown as follows.

System Check_E-Field_835_210618

DUT: HAC Dipole 835 MHz; Type: CD835V3; SN: 1041

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

Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 0$ kg/m³

Ambient Temperature : 23.7 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4049; ConvF(1, 1, 1) @ 835 MHz; Calibrated: 2021/01/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1589; Calibrated: 2020/09/15
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

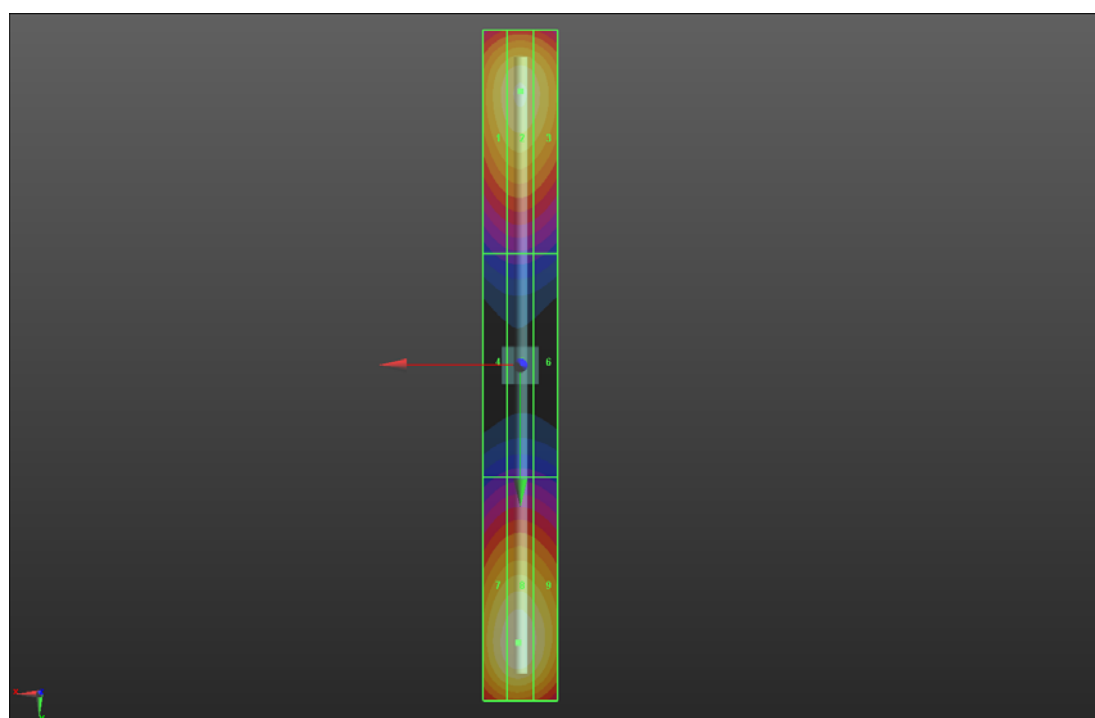
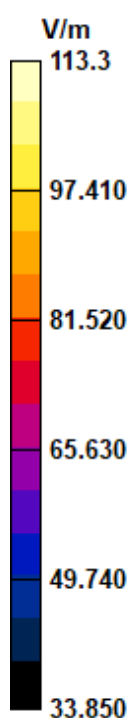
Hearing Aid Compatibility (41x361x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 118.8 V/m; Power Drift = 0.01 dB

E-field emissions = 113.3 V/m

Grid 1 M4 106.1 V/m	Grid 2 M4 108.9 V/m	Grid 3 M4 105.8 V/m
Grid 4 M4 58.68 V/m	Grid 5 M4 59.45 V/m	Grid 6 M4 58.07 V/m
Grid 7 M4 111.5 V/m	Grid 8 M4 113.3 V/m	Grid 9 M4 109.5 V/m



System Check_E-Field_1880_210618

DUT: HAC Dipole 1880 MHz; Type: CD1880V3; SN: 1032

Communication System: UID 0, CW; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 0$ kg/m³

Ambient Temperature : 23.7 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4049; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 2021/01/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1589; Calibrated: 2020/09/15
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

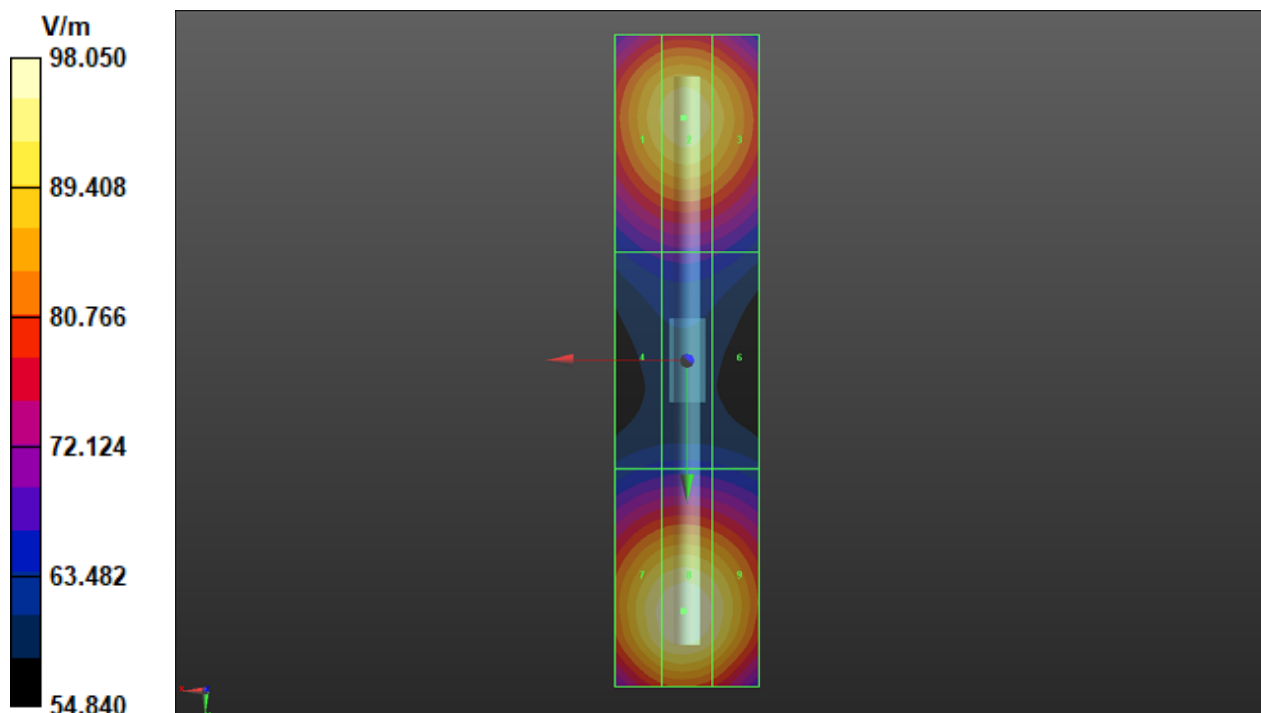
Hearing Aid Compatibility (41x181x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 173.3 V/m; Power Drift = -0.03 dB

E-field emissions = 98.05 V/m

Grid 1 M3 92.83 V/m	Grid 2 M3 94.52 V/m	Grid 3 M3 92.02 V/m
Grid 4 M3 67.81 V/m	Grid 5 M3 68.58 V/m	Grid 6 M3 67.41 V/m
Grid 7 M3 96.37 V/m	Grid 8 M3 98.05 V/m	Grid 9 M3 95.23 V/m



System Check_E-Field_3500_210618

DUT: HAC Dipole 3500 MHz; Type: CD3500V3; SN: 1004

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

Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 0$ kg/m³

Ambient Temperature : 23.7 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4049; ConvF(1, 1, 1) @ 3500 MHz; Calibrated: 2021/01/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1589; Calibrated: 2020/09/15
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Hearing Aid Compatibility (41x181x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 38.00 V/m; Power Drift = -0.08 dB

E-field emissions = 83.09 V/m

Grid 1 M3 81.42 V/m	Grid 2 M3 82.81 V/m	Grid 3 M3 81.21 V/m
Grid 4 M3 81.74 V/m	Grid 5 M3 83.09 V/m	Grid 6 M3 81.53 V/m
Grid 7 M3 78.77 V/m	Grid 8 M3 79.60 V/m	Grid 9 M3 78.02 V/m

