



Appendix A

Detailed System Check Results

1. System Check Results
System Performance Check 835 MHz
System Performance Check 1880 MHz

Test Laboratory: SGS-SAR Lab

HAC-E-Dipole CD835V3

DUT: CD835V3; Type: CD835V3; Serial: 1052

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
Phantom section: RF Section

DASY 5 Configuration:

- Probe: EF3DV3 - SN4051; ConvF(1, 1, 1); Calibrated: 2022-06-10
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1740; Calibrated: 2022-08-03
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial:
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Dipole E-Field measurement/E Scan - measurement distance from the probe sensor center to CD835 = 15mm/Hearing Aid Compatibility Test at 15mm distance

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 128.4 V/m; Power Drift = -0.02 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 123.7 V/m

Average value of Total=(112.6+123.7)/2=118.75V/m

PMF scaled E-field

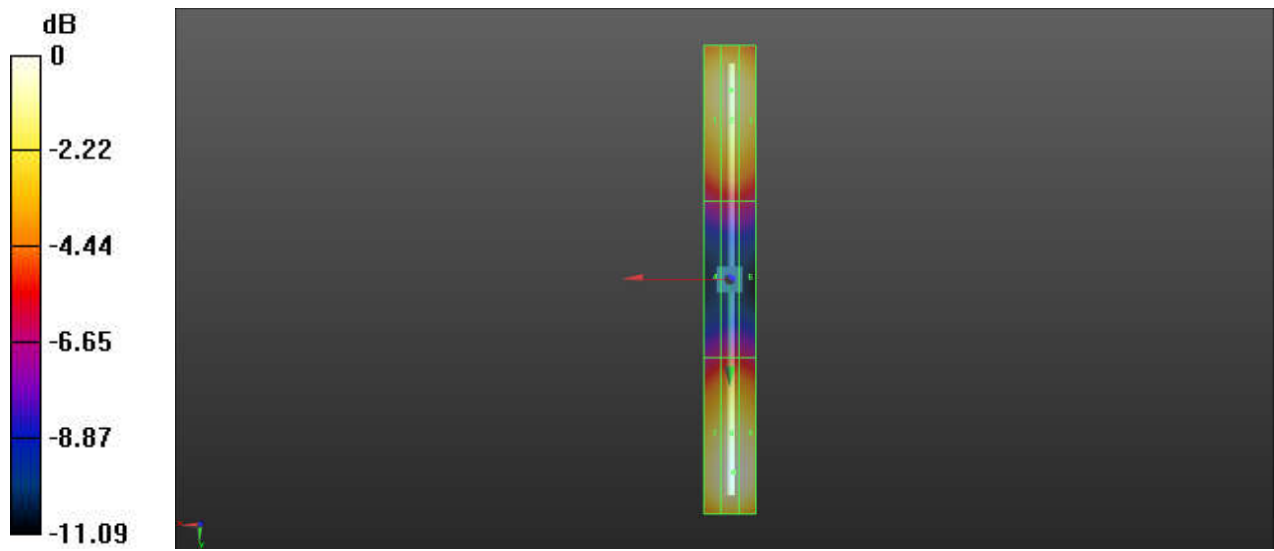
Grid 1 M4 109.7 V/m	Grid 2 M4 112.6 V/m	Grid 3 M4 110.8 V/m
Grid 4 M4 61.32 V/m	Grid 5 M4 63.27 V/m	Grid 6 M4 62.74 V/m
Grid 7 M4 116.9 V/m	Grid 8 M4 123.7 V/m	Grid 9 M4 122.9 V/m

Cursor:

Total = 123.7 V/m

E Category: M4

Location: -1.5, 74, 8.7 mm



0 dB = 123.7 V/m = 41.85 dBV/m

Test Laboratory: SGS-SAR Lab

HAC-E-Dipole CD1880V3

DUT: CD1880V3; Type: CD1880V3; Serial: 1044

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
Phantom section: RF Section

DASY 5 Configuration:

- Probe: EF3DV3 - SN4051; ConvF(1, 1, 1); Calibrated: 2022-06-10
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1740; Calibrated: 2022-08-03
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial:
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Dipole E-Field measurement (E-field scan for ANSI C63.19-2011 compliance)/E Scan - measurement distance from the probe sensor center to CD1880 = 15mm/Hearing Aid Compatibility Test at 15mm distance

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

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 162.9 V/m; Power Drift = -0.06 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 94.88 V/m

Average value of Total=(87.17+94.88)/2=91.03V/m

PMF scaled E-field

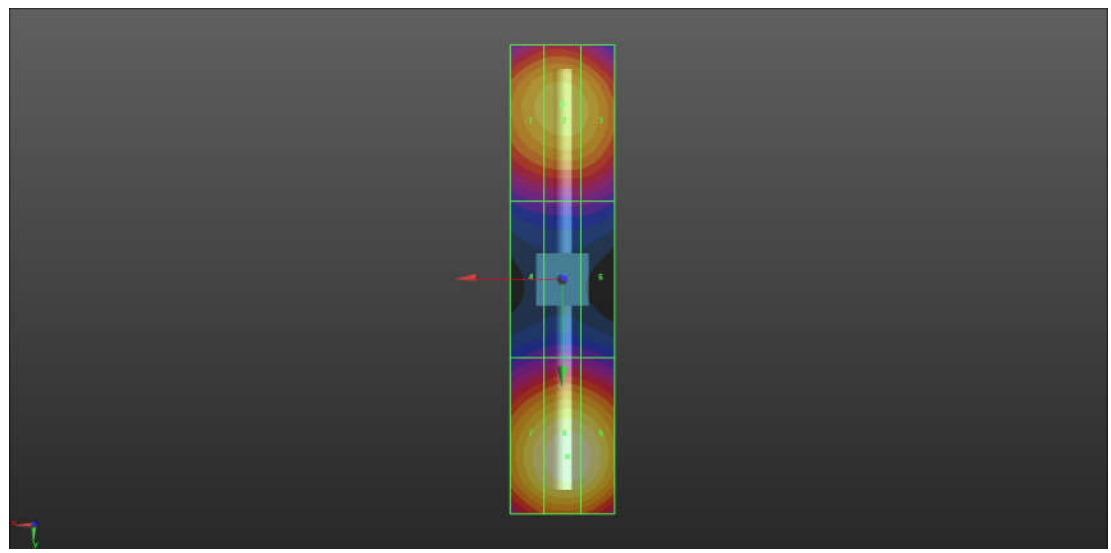
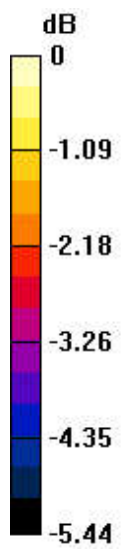
Grid 1 M3 85.63 V/m	Grid 2 M3 87.17 V/m	Grid 3 M3 85.55 V/m
Grid 4 M3 63.29 V/m	Grid 5 M3 64.13 V/m	Grid 6 M3 63.85 V/m
Grid 7 M3 91.17 V/m	Grid 8 M3 94.88 V/m	Grid 9 M3 93.98 V/m

Cursor:

Total = 94.88 V/m

E Category: M3

Location: -1, 34, 8.7 mm



0 dB = 94.88 V/m = 39.54 dBV/m