Appendix A.1

Detailed System Check Results

1. System Verification Results
System Performance Check 835 MHz
System Performance Check 1880 MHz
System Performance Check 2600 MHz

Date: 2019-11-19

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, $\varepsilon_r = 1$; $\rho = 1000$ kg/m^3
Phantom section: RF Section

DASY 5 Configuration:

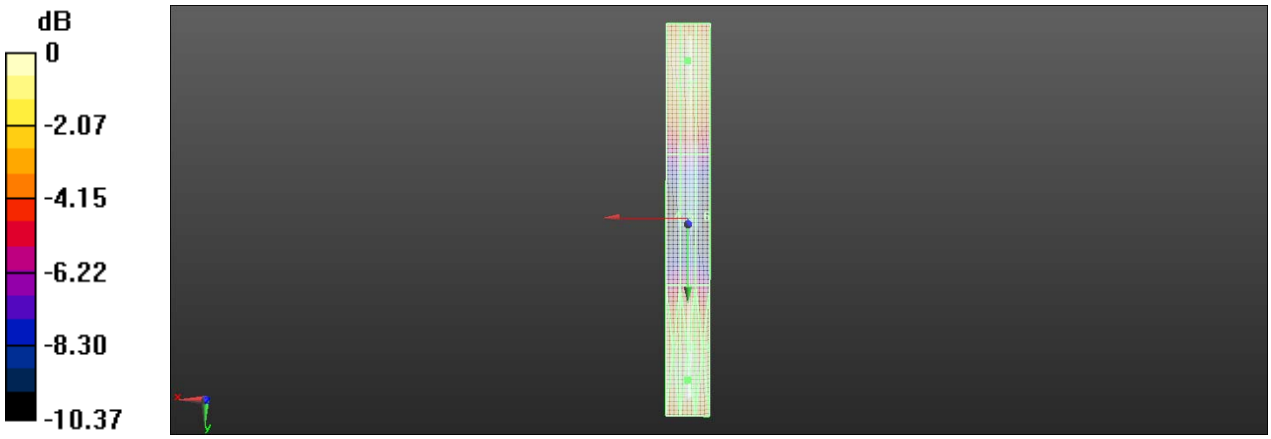
- Probe: EF3DV3 - SN4051; ConvF(1, 1, 1); Calibrated: 2019-06-18;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn414; Calibrated: 2018-12-03
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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 = 127.8 V/m; Power Drift = -0.03 dB
PMR not calibrated. PMF = 1.000 is applied.
E-field emissions = 110.8 V/m
Near-field category: M4 (AWF 0 dB)

PMF scaled E-field

Grid 1 **M4** **109.2 V/m**	Grid 2 **M4** **110.8 V/m**	Grid 3 **M4** **107.8 V/m**
Grid 4 **M4** **62.97 V/m**	Grid 5 **M4** **63.33 V/m**	Grid 6 **M4** **61.58 V/m**
Grid 7 **M4** **116.6 V/m**	Grid 8 **M4** **118.8 V/m**	Grid 9 **M4** **115.8 V/m**

Cursor:
Total = 118.8 V/m
E Category: M4
Location: 0, 73.5, 8.7 mm



0 dB = 118.8 V/m = 41.50 dBV/m

Date: 2019-11-19

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, $\varepsilon_r = 1$; $\rho = 1000$ kg/m^3
Phantom section: RF Section

DASY 5 Configuration:

- Probe: EF3DV3 - SN4051; ConvF(1, 1, 1); Calibrated: 2019-06-18;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn414; Calibrated: 2018-12-03
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

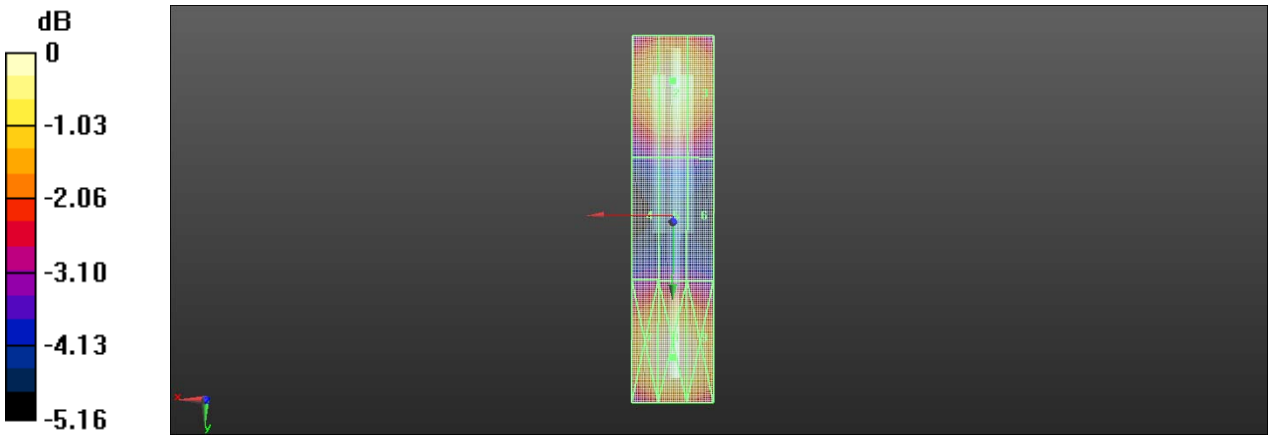
Dipole E-Field measurement/E Scan - measurement distance from the probe sensor center to CD1880 = 15mm/Hearing Aid Compatibility Test at 15mm distance (41x181x1):

Interpolated grid: dx=0.5000 mm, dy=0.5000 mm
Device Reference Point: 0, 0, -6.3 mm
Reference Value = 156.7 V/m; Power Drift = -0.01 dB
PMR not calibrated. PMF = 1.000 is applied.
E-field emissions = 90.50 V/m
Near-field category: M3 (AWF 0 dB)

PMF scaled E-field

Grid 1 **M3** **88.87 V/m**	Grid 2 **M3** **90.50 V/m**	Grid 3 **M3** **88.51 V/m**
Grid 4 **M3** **65.20 V/m**	Grid 5 **M3** **65.40 V/m**	Grid 6 **M3** **64.50 V/m**
Grid 7 **M3** **91.42 V/m**	Grid 8 **M3** **93.53 V/m**	Grid 9 **M3** **91.56 V/m**

Cursor:
Total = 93.53 V/m
E Category: M3
Location: 0, 34, 8.7 mm



0 dB = 93.53 V/m = 39.42 dBV/m

Date: 2019-11-24

Test Laboratory: SGS-SAR Lab

HAC-E-Dipole CD2600V3

DUT: CD2600V3; Type: CD2600V3; Serial: 1021

Communication System: UID 0, CW (0); Frequency: 2600 MHz;Duty Cycle: 1:1

Medium: Air;Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 1000$ kg/m^3
Phantom section: RF Section

DASY 5 Configuration:

- Probe: EF3DV3 - SN4051; ConvF(1, 1, 1); Calibrated: 2019-06-18;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn414; Calibrated: 2018-12-03
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

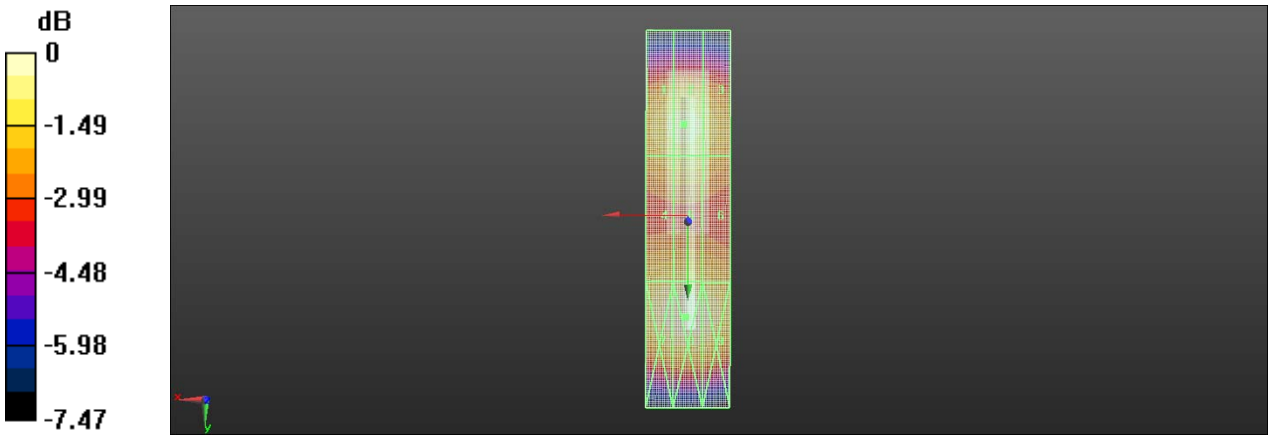
Dipole E-Field measurement/E Scan - measurement distance from the probe sensor center to CD2600 = 15mm/Hearing Aid Compatibility Test at 15mm distance (41x181x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 68.71 V/m; Power Drift = -0.04 dB
PMR not calibrated. PMF = 1.000 is applied.
E-field emissions = 83.86 V/m
Near-field category: M3 (AWF 0 dB)

PMF scaled E-field

Grid 1 **M3** **83.02 V/m**	Grid 2 **M3** **83.86 V/m**	Grid 3 **M3** **81.32 V/m**
Grid 4 **M3** **81.27 V/m**	Grid 5 **M3** **81.64 V/m**	Grid 6 **M3** **79.80 V/m**
Grid 7 **M3** **89.80 V/m**	Grid 8 **M3** **91.34 V/m**	Grid 9 **M3** **88.54 V/m**

Cursor:
Total = 91.34 V/m
E Category: M3
Location: 0.5, 23.5, 8.7 mm



0 dB = 91.34 V/m = 39.21 dBV/m