Appendix A

Detailed System Check Results

1. System Check Results
System Performance Check 835 MHz
System Performance Check 1880 MHz
System Performance Check 2450 MHz

Date: 2020-11-19

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, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Phantom section: RF Section

DASY 5 Configuration:

- Probe: EF3DV3 - SN4051; ConvF(1, 1, 1); Calibrated: 2020-05-29;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

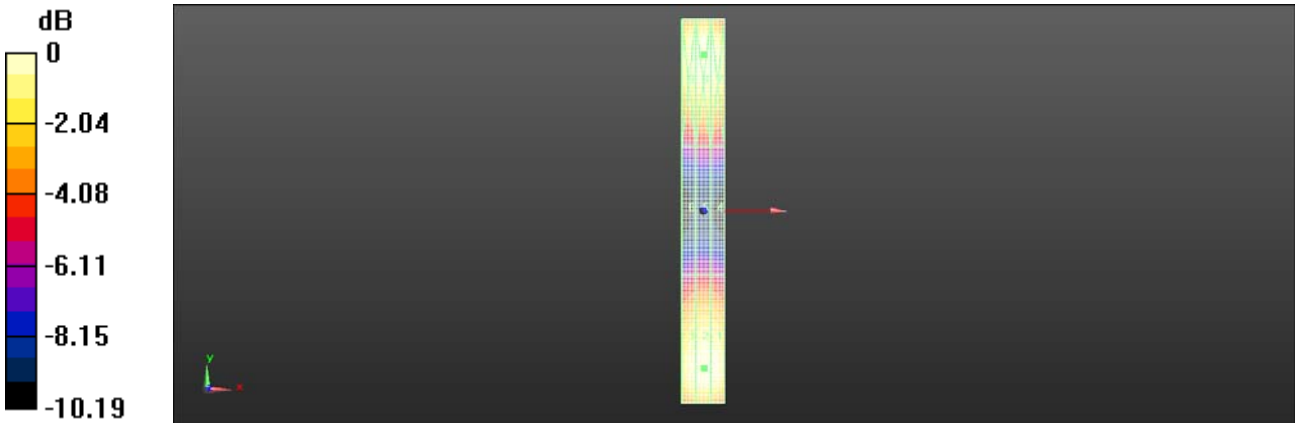
Dipole E-Field measurement/E Scan - measurement distance from the probe sensor center to CD835 =15mm/Hearing Aid Compatibility Test at 15mm distance (41x361x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 125.4 V/m; Power Drift = -0.01 dB
PMR not calibrated. PMF = 1.000 is applied.
E-field emissions = 114.3 V/m
Near-field category: M4 (AWF 0 dB)

PMF scaled E-field

Grid 1 **M4** **112.8 V/m**	Grid 2 **M4** **114.3 V/m**	Grid 3 **M4** **110.7 V/m**
Grid 4 **M4** **62.06 V/m**	Grid 5 **M4** **62.38 V/m**	Grid 6 **M4** **60.81 V/m**
Grid 7 **M4** **112.9 V/m**	Grid 8 **M4** **114.8 V/m**	Grid 9 **M4** **111.6 V/m**

Cursor:
Total = 114.8 V/m
E Category: M4
Location: 0.5, 73.5, 8.7 mm



0 dB = 114.8 V/m = 41.20 dBV/m

Date: 2020-11-19

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, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Phantom section: RF Section

DASY 5 Configuration:

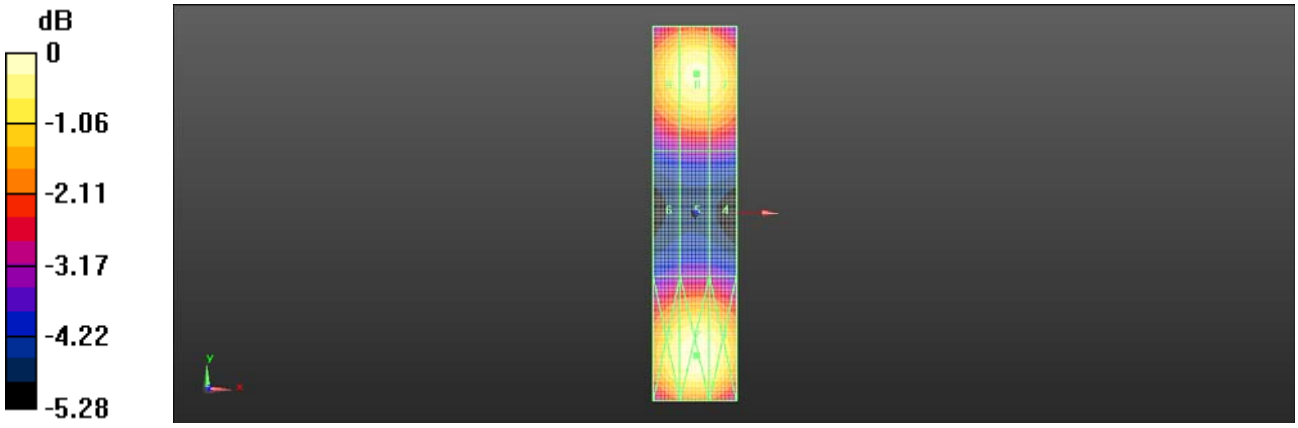
- Probe: EF3DV3 - SN4051; ConvF(1, 1, 1); Calibrated: 2020-05-29;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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 = 153.8 V/m; Power Drift = 0.03 dB
PMR not calibrated. PMF = 1.000 is applied.
E-field emissions = 94.88 V/m
Near-field category: M3 (AWF 0 dB)

PMF scaled E-field

Grid 1 **M3** **95.48 V/m**	Grid 2 **M3** **96.93 V/m**	Grid 3 **M3** **94.11 V/m**
Grid 4 **M3** **66.54 V/m**	Grid 5 **M3** **66.85 V/m**	Grid 6 **M3** **65.73 V/m**
Grid 7 **M3** **93.38 V/m**	Grid 8 **M3** **94.88 V/m**	Grid 9 **M3** **92.05 V/m**

Cursor:
Total = 96.93 V/m
E Category: M3
Location: 0.5, -34, 8.7 mm



0 dB = 96.93 V/m = 39.73 dBV/m

Date: 2020-11-19

Test Laboratory: SGS-SAR Lab

HAC-E-Dipole CD2450V3

DUT: CD2450V3; Type: CD2450V3; Serial: 1044

Communication System: UID 0, CW; Frequency: 2450 MHz;Duty Cycle: 1:1

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

DASY 5 Configuration:

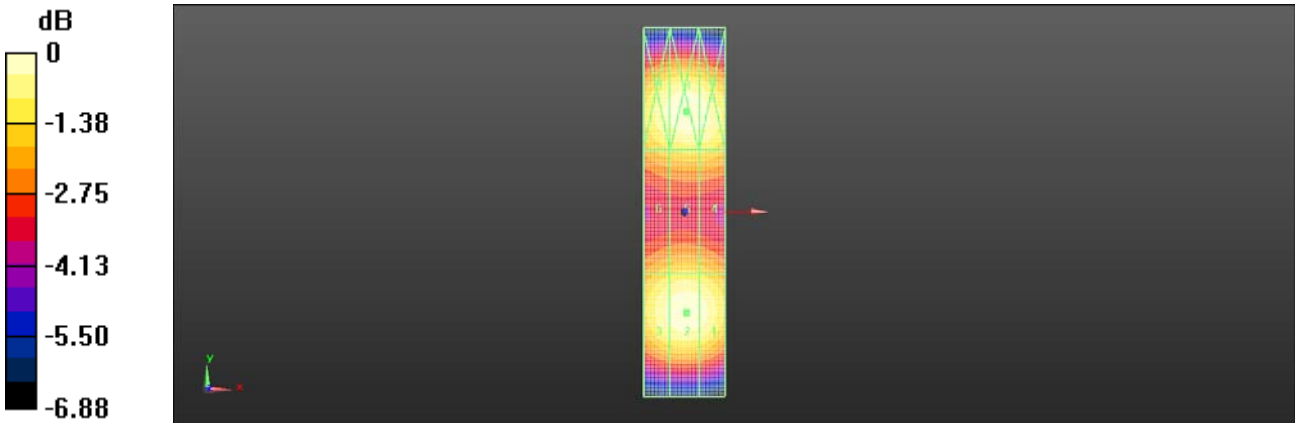
- Probe: EF3DV3 - SN4051; ConvF(1, 1, 1); Calibrated: 2020-05-29;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Dipole E-Field measurement/E Scan - measurement distance from the probe sensor center to CD2450 =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 = 80.89 V/m; Power Drift = -0.01 dB
PMR not calibrated. PMF = 1.000 is applied.
E-field emissions = 92.22 V/m
Near-field category: M3 (AWF 0 dB)

PMF scaled E-field

Grid 1 **M3** **90.68 V/m**	Grid 2 **M3** **92.22 V/m**	Grid 3 **M3** **89.56 V/m**
Grid 4 **M3** **80.19 V/m**	Grid 5 **M3** **80.35 V/m**	Grid 6 **M3** **78.55 V/m**
Grid 7 **M3** **91.18 V/m**	Grid 8 **M3** **92.43 V/m**	Grid 9 **M3** **89.55 V/m**

Cursor:
Total = 92.43 V/m
E Category: M3
Location: 0.5, 24.5, 8.7 mm



0 dB = 92.43 V/m = 39.32 dBV/m