Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2022/7/18

HAC_E_Dipole_835

DUT: HAC-Dipole 835 MHz

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
Ambient Temperature：23.2 ℃;

DASY5 Configuration:
- Probe: EF3DV3 - SN4050; ConvF(1, 1, 1); Calibrated: 2022/1/31
- Electronics: DAE4 Sn1691; Calibrated: 2021/10/4
- 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)

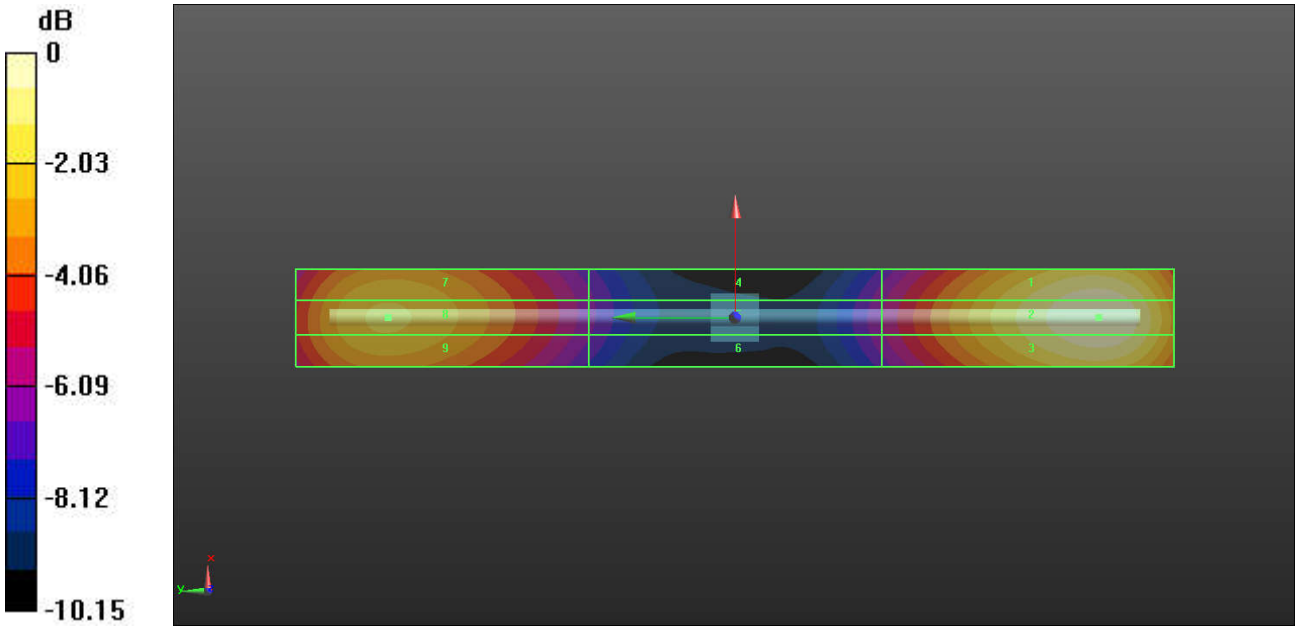
E Scan - measurement distance from the probe sensor center to CD835 = 15mm/Hearing Aid Compatibility Test at 15mm distance (41x361x1):

Interpolated grid: dx=0.5000 mm, dy=0.5000 mm
Device Reference Point: 0, 0, -6.3 mm
Reference Value = 115.6 V/m; Power Drift = 0.05 dB
PMR not calibrated. PMF = 1.000 is applied.
E-field emissions = 115.9 V/m
Average value of Total=(115.9+93.85)/2=104.88 V/m

PMF scaled E-field

Grid 1 **M4** **113.9 V/m**	Grid 2 **M4** **115.9 V/m**	Grid 3 **M4** **114.4 V/m**
Grid 4 **M4** **56.68 V/m**	Grid 5 **M4** **57.87 V/m**	Grid 6 **M4** **57.17 V/m**
Grid 7 **M4** **92.24 V/m**	Grid 8 **M4** **93.85 V/m**	Grid 9 **M4** **92.28 V/m**

Total = 115.9 V/m
E Category: M4
Location: 0, -74.5, 9.7 mm



0 dB = 115.9 V/m = 40.77 dBV/m

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2022/7/18

HAC_E_Dipole_1880

DUT: HAC Dipole 1880 MHz

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
Ambient Temperature：23.3 ℃;

DASY5 Configuration:
- Probe: EF3DV3 - SN4050; ConvF(1, 1, 1); Calibrated: 2022/1/31
- Electronics: DAE4 Sn1691; Calibrated: 2021/10/4
- 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)

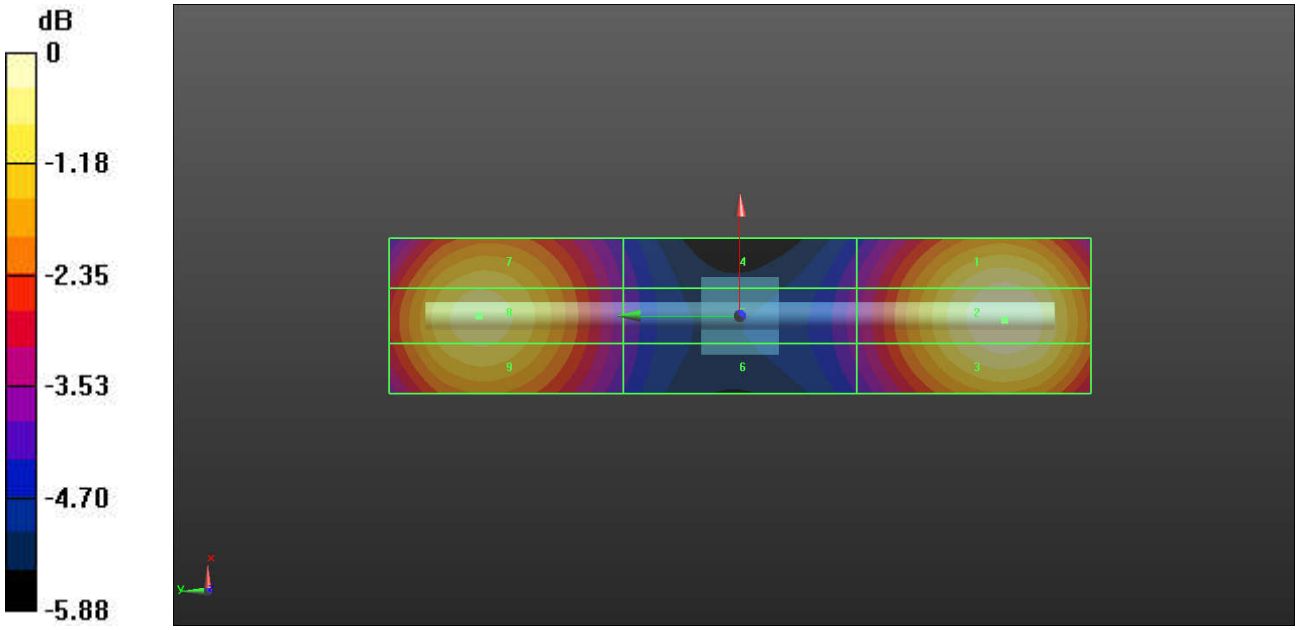
E Scan - measurement distance from the probe sensor center to CD1880 = 15mm/Hearing Aid Compatibility Test at 15mm distance (41x181x1):

Interpolated grid: dx=0.5000 mm, dy=0.5000 mm
Device Reference Point: 0, 0, -6.3 mm
Reference Value = 156.8 V/m; Power Drift = 0.11 dB
PMR not calibrated. PMF = 1.000 is applied.
E-field emissions = 97.66 V/m
Average value of Total=(97.66+93.86)/2=95.76 V/m

PMF scaled E-field

Grid 1 **M3** **95.38 V/m**	Grid 2 **M3** **97.66 V/m**	Grid 3 **M3** **96.33 V/m**
Grid 4 **M3** **63.50 V/m**	Grid 5 **M3** **65.64 V/m**	Grid 6 **M3** **65.06 V/m**
Grid 7 **M3** **92.57 V/m**	Grid 8 **M3** **93.86 V/m**	Grid 9 **M3** **92.31 V/m**

Total = 97.66 V/m
E Category: M3
Location: -0.5, -34, 8.7 mm



0 dB = 97.66 V/m = 40.95 dBV/m

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2022/7/18

HAC_E_Dipole_2450

DUT: HAC Dipole 2450 MHz

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
Ambient Temperature：23.3 ℃;

DASY5 Configuration:
- Probe: EF3DV3 - SN4050; ConvF(1, 1, 1); Calibrated: 2022/1/31
- Electronics: DAE4 Sn1691; Calibrated: 2021/10/4
- 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)

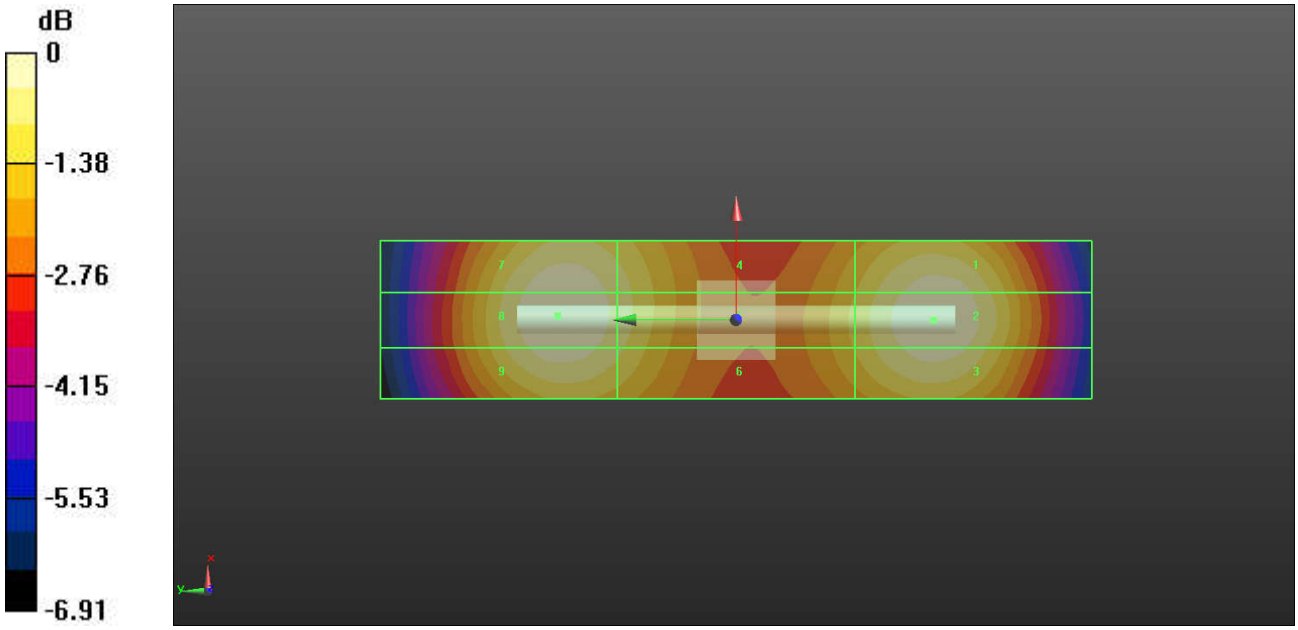
E Scan - measurement distance from the probe sensor center to CD2450 = 15mm/Hearing Aid Compatibility Test at 15mm distance (41x181x1):

Interpolated
grid: dx=0.5000 mm, dy=0.5000 mm
Device Reference Point: 0, 0, -6.3 mm
Reference Value = 66.61 V/m; Power Drift = -0.13 dB
PMR not calibrated. PMF = 1.000 is applied.
E-field emissions = 82.57 V/m
Average value of Total=(82.57+81.55)/2=82.06 V/m

PMF scaled E-field

Grid 1 **M3** **80.74 V/m**	Grid 2 **M3** **82.57 V/m**	Grid 3 **M3** **79.13 V/m**
Grid 4 **M3** **76.66 V/m**	Grid 5 **M3** **77.12 V/m**	Grid 6 **M3** **75.43 V/m**
Grid 7 **M3** **81.65 V/m**	Grid 8 **M3** **81.55 V/m**	Grid 9 **M3** **80.62 V/m**

Total = 82.57 V/m
E Category: M3
Location: 0.5, 22.5, 9.7 mm



0 dB = 82.57 V/m = 39.03 dBV/m

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2022/7/18

HAC_E_Dipole_2600

DUT: HAC Dipole 2600 MHz

Communication System: UID 0, CW (0); Frequency: 2600 MHz;Duty Cycle: 1:1
Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Ambient Temperature：23.3 ℃;

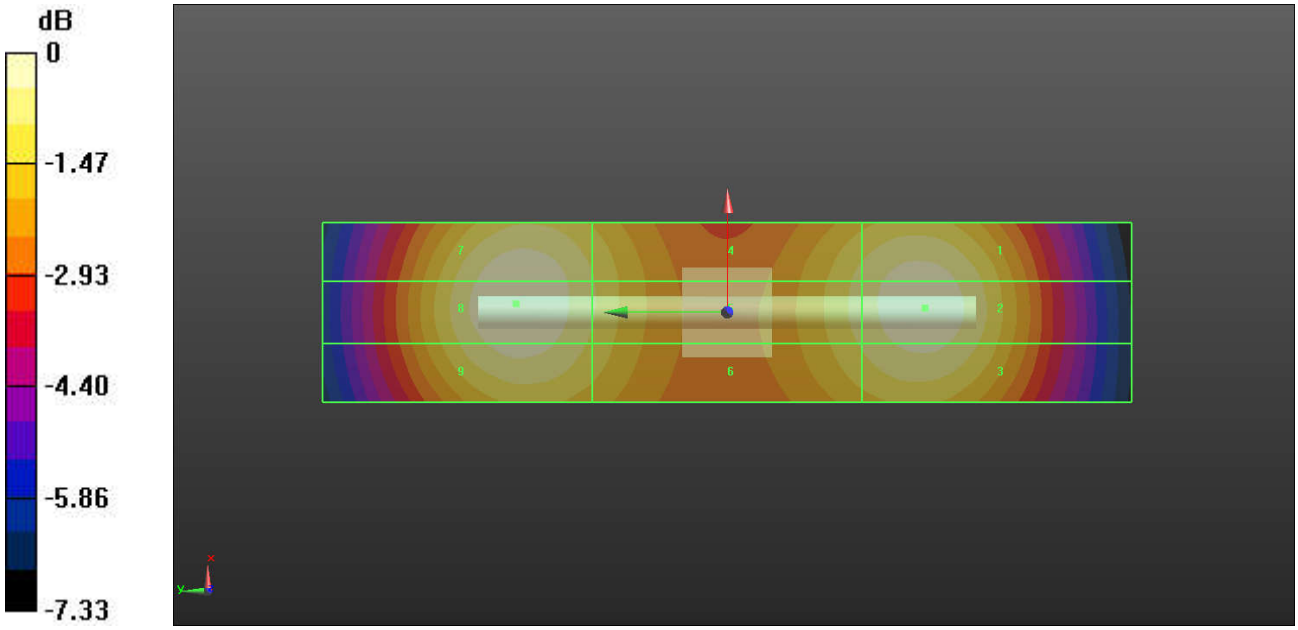
DASY5 Configuration:
- Probe: EF3DV3 - SN4050; ConvF(1, 1, 1); Calibrated: 2022/1/31
- Electronics: DAE4 Sn1691; Calibrated: 2021/10/4
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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 = 73.65 V/m; Power Drift = 0.07 dB
PMR not calibrated. PMF = 1.000 is applied.
E-field emissions = 88.77 V/m
Average value of Total=(88.77+87.39)/2=88.08 V/m

PMF scaled E-field

Grid 1 **M3** **87.2 V/m**	Grid 2 **M3** **87.39 V/m**	Grid 3 **M3** **85.34 V/m**
Grid 4 **M3** **81.97 V/m**	Grid 5 **M3** **82.95 V/m**	Grid 6 **M3** **79.88 V/m**
Grid 7 **M3** **86.95 V/m**	Grid 8 **M3** **88.77 V/m**	Grid 9 **M3** **86.92 V/m**

Total = 88.77 V/m
E Category: M3
Location: 1, 23.5, 9.7 mm



0 dB = 88.77 V/m = 38.47 dBV/m