# HAC_E_Dipole_835

## DUT: HAC-Dipole 835 MHz

Communication System: 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：23.7 ℃

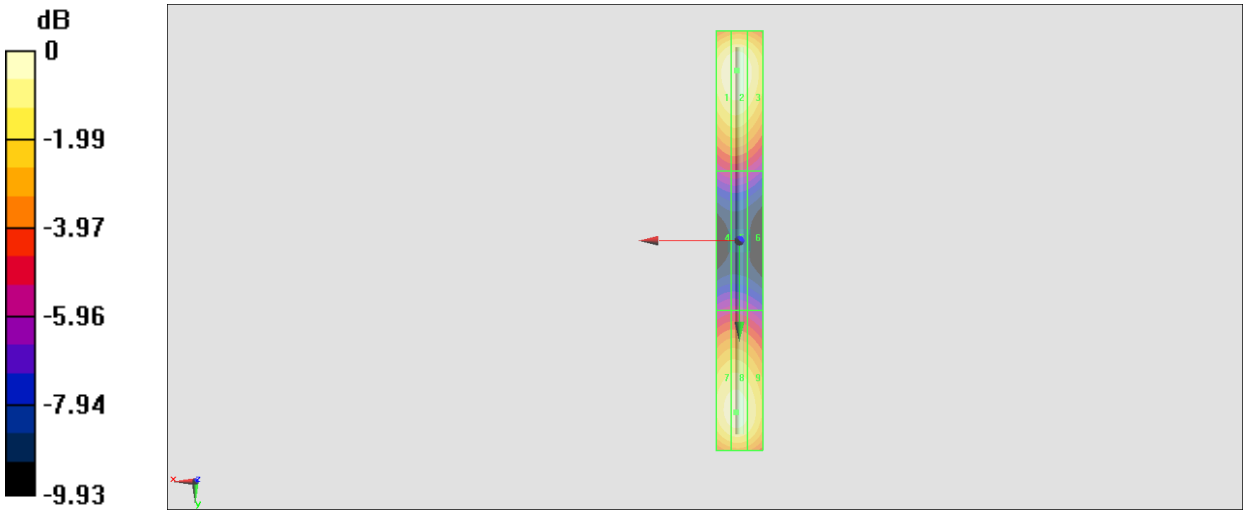
DASY5 Configuration:
- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 835 MHz; Calibrated: 2019/1/30
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2018/5/25
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (1);SEMCAD X Version 14.6.11 (7439)

**E Scan - measurement distance from the probe sensor center to CD835 = 10mm & 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 = 124.2 V/m; Power Drift = -0.05 dB
PMR not calibrated. PMF = 1.000 is applied.
E-field emissions = 109.3 V/m
Average value of Total=(109.3+106.2) / 2 = 107.75 V/m

PMF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M4** **108.2 V/m** | Grid 2 **M4** **109.3 V/m** | Grid 3 **M4** **105.0 V/m** |
| Grid 4 **M4** **59.82 V/m** | Grid 5 **M4** **59.99 V/m** | Grid 6 **M4** **57.67 V/m** |
| Grid 7 **M4** **105.6 V/m** | Grid 8 **M4** **106.2 V/m** | Grid 9 **M4** **101.8 V/m** |

**Cursor:**
Total = 109.3 V/m
E Category: M4
Location: 1, -73, 9.7 mm




0 dB = 109.3 V/m = 40.77 dBV/m

# HAC_E_Dipole_1880

## DUT: HAC Dipole 1880 MHz

Communication System: 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：23.7 ℃

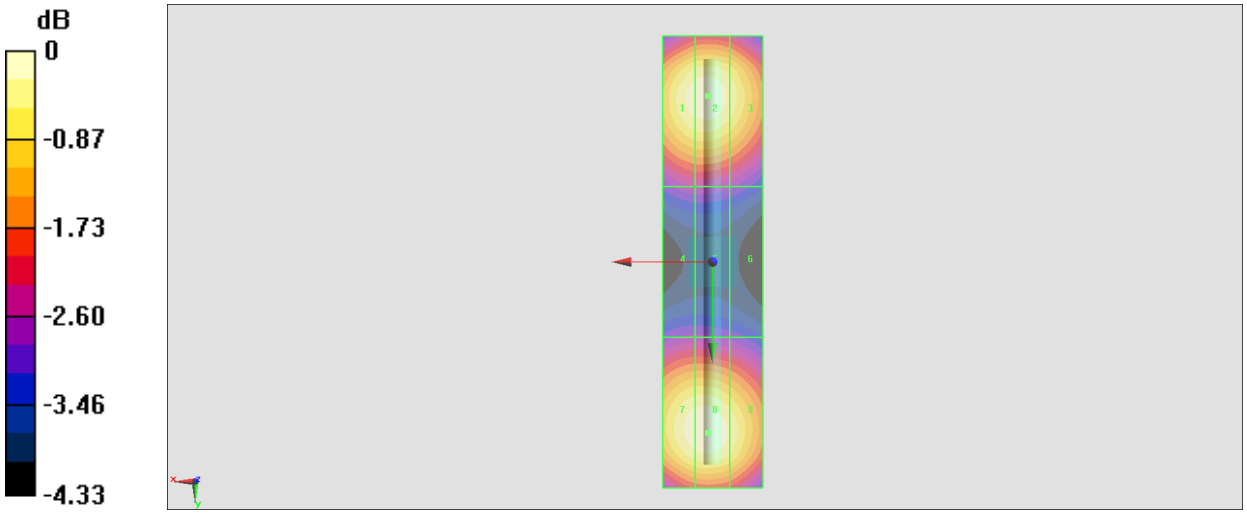
DASY5 Configuration:
- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 2019/1/30
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2018/5/25
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (1);SEMCAD X Version 14.6.11 (7439)

**E Scan - measurement distance from the probe sensor center to CD1880 = 10mm & 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 = 158.1 V/m; Power Drift = 0.00 dB
PMR not calibrated. PMF = 1.000 is applied.
E-field emissions = 87.36 V/m
Average value of Total=(86.88+87.36) / 2 = 87.12 V/m

PMF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M3** **86.26 V/m** | Grid 2 **M3** **86.88 V/m** | Grid 3 **M3** **83.75 V/m** |
| Grid 4 **M3** **64.77 V/m** | Grid 5 **M3** **64.82 V/m** | Grid 6 **M3** **63.27 V/m** |
| Grid 7 **M3** **86.67 V/m** | Grid 8 **M3** **87.36 V/m** | Grid 9 **M3** **84.12 V/m** |

**Cursor:**
Total = 87.36 V/m
E Category: M3
Location: 1, 34, 9.7 mm




0 dB = 87.36 V/m = 38.83 dBV/m

# HAC_E_Dipole_2600

## DUT: HAC Dipole 2600 MHz

Communication System: CW ; 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：23.7 ℃

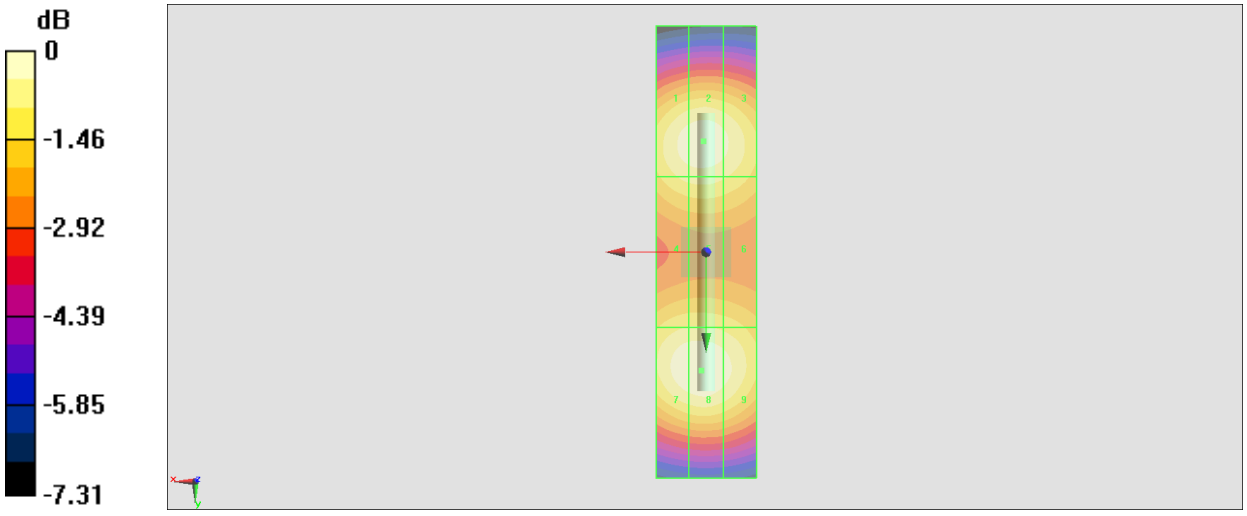
DASY5 Configuration:
- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2600 MHz; Calibrated: 2019/1/30
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2018/5/25
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (1);SEMCAD X Version 14.6.11 (7439)

**E Scan - measurement distance from the probe sensor center to CD2600 = 10mm & 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 = 0.02 dB
PMR not calibrated. PMF = 1.000 is applied.
E-field emissions = 88.50 V/m
Average value of Total=(87.14+88.5) / 2 = 87.82 V/m

PMF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M3** **86.10 V/m** | Grid 2 **M3** **87.14 V/m** | Grid 3 **M3** **84.83 V/m** |
| Grid 4 **M3** **80.81 V/m** | Grid 5 **M3** **81.41 V/m** | Grid 6 **M3** **79.73 V/m** |
| Grid 7 **M3** **87.71 V/m** | Grid 8 **M3** **88.50 V/m** | Grid 9 **M3** **85.67 V/m** |

**Cursor:**
Total = 88.50 V/m
E Category: M3
Location: 1, 23.5, 9.7 mm




0 dB = 88.50 V/m = 38.94 dBV/m