HAC_E_Dipole_835_160621

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：23.6 ℃

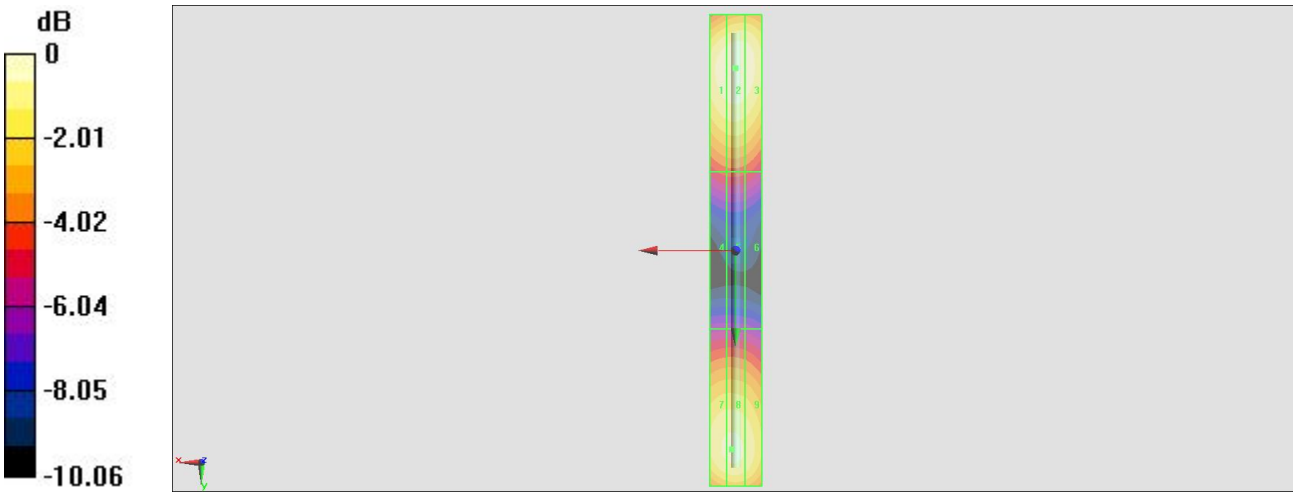
DASY5 Configuration
- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2016/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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 = 102.4 V/m; Power Drift = 0.00 dB
PMR not calibrated. PMF = 1.000 is applied.
E-field emissions = 105.1 V/m
Average value of Total=(105.1+99.54) / 2 = 102.32 V/m

PMF scaled E-field

Grid 1 **M4** **103.4 V/m**	Grid 2 **M4** **105.1 V/m**	Grid 3 **M4** **103.4 V/m**
Grid 4 **M4** **63.70 V/m**	Grid 5 **M4** **64.12 V/m**	Grid 6 **M4** **62.83 V/m**
Grid 7 **M4** **98.92 V/m**	Grid 8 **M4** **99.54 V/m**	Grid 9 **M4** **96.86 V/m**

Cursor:
Total = 105.1 V/m
E Category: M4
Location: 0, -69.5, 9.7 mm



0 dB = 105.1 V/m = 40.43 dBV/m

HAC_E_Dipole_835_160729

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：23.2 ℃

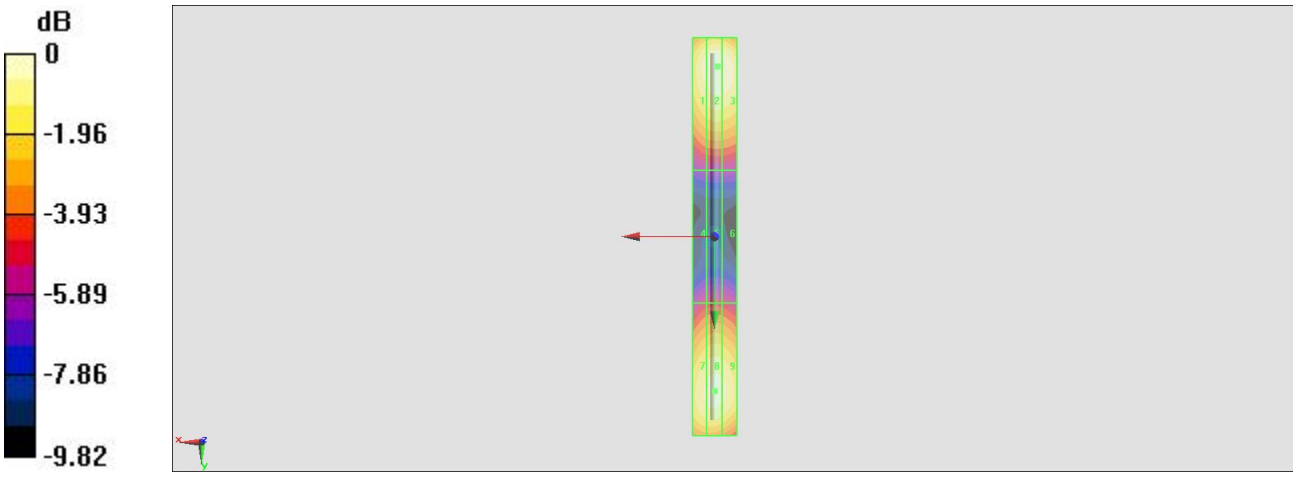
DASY5 Configuration
- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2016/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2016/5/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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 = 109.7 V/m; Power Drift = -0.01 dB
PMR not calibrated. PMF = 1.000 is applied.
E-field emissions = 99.33 V/m
Average value of Total=(99.33+95.67) / 2 = 97.5 V/m

PMF scaled E-field

Grid 1 **M4** **95.90 V/m**	Grid 2 **M4** **99.33 V/m**	Grid 3 **M4** **98.74 V/m**
Grid 4 **M4** **55.93 V/m**	Grid 5 **M4** **56.84 V/m**	Grid 6 **M4** **56.18 V/m**
Grid 7 **M4** **93.82 V/m**	Grid 8 **M4** **95.67 V/m**	Grid 9 **M4** **94.15 V/m**

Cursor:
Total = 99.33 V/m
E Category: M4
Location: -1.5, -77, 9.7 mm



0 dB = 99.33 V/m = 39.94 dBV/m

HAC_E_Dipole_1880_160621

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：23.6 ℃

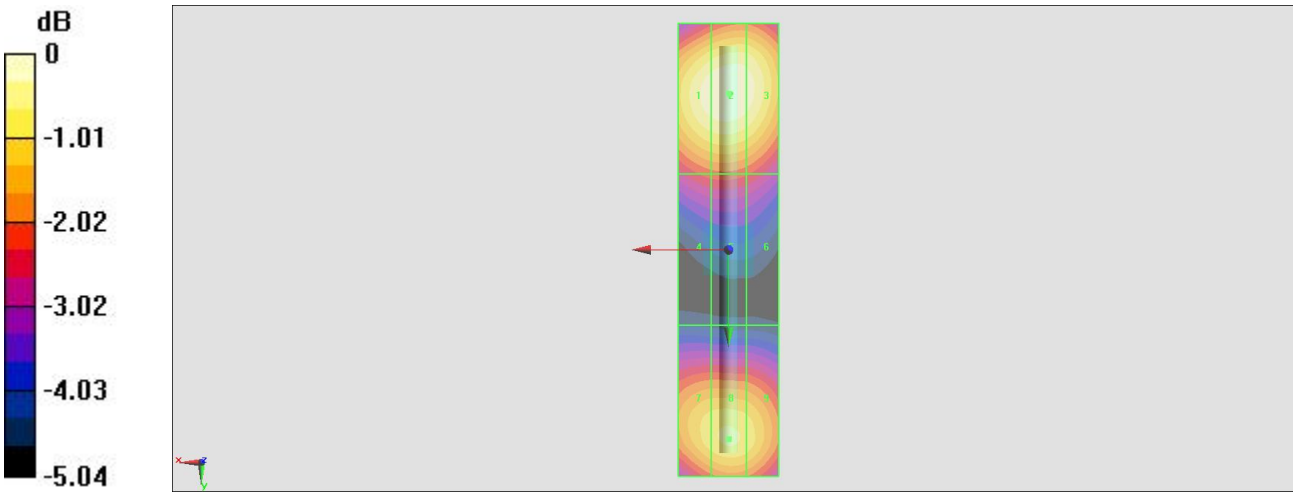
DASY5 Configuration
- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2016/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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 = 152.0 V/m; Power Drift = 0.01 dB
PMR not calibrated. PMF = 1.000 is applied.
E-field emissions = 90.28 V/m
Average value of Total=(90.28+84.17) / 2 = 87.225 V/m

PMF scaled E-field

Grid 1 **M3** **89.17 V/m**	Grid 2 **M3** **90.28 V/m**	Grid 3 **M3** **88.88 V/m**
Grid 4 **M3** **70.25 V/m**	Grid 5 **M3** **70.76 V/m**	Grid 6 **M3** **69.37 V/m**
Grid 7 **M3** **82.66 V/m**	Grid 8 **M3** **84.17 V/m**	Grid 9 **M3** **82.73 V/m**

Cursor:
Total = 90.28 V/m
E Category: M3
Location: 0, -31, 9.7 mm



0 dB = 90.28 V/m = 39.11 dBV/m

HAC_E_Dipole_1880_160729

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：23.2 ℃

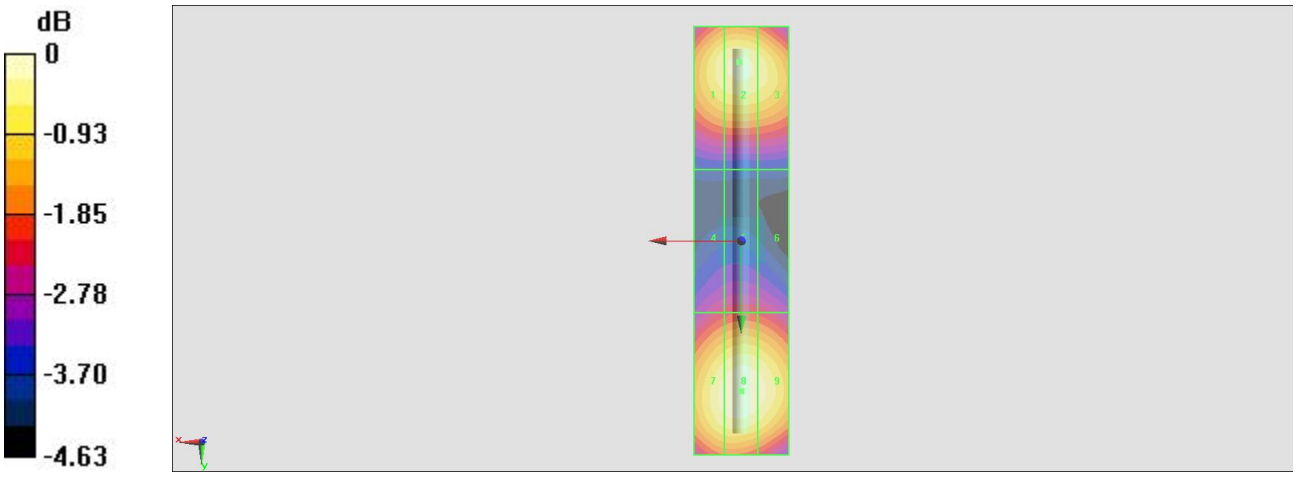
DASY5 Configuration
- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2016/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2016/5/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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 = 152.8 V/m; Power Drift = -0.05 dB
PMR not calibrated. PMF = 1.000 is applied.
E-field emissions = 97.39 V/m
Average value of Total=(94.88+97.39) / 2 = 96.153 V/m

PMF scaled E-field

Grid 1 **M3** **93.56 V/m**	Grid 2 **M3** **94.88 V/m**	Grid 3 **M3** **93.27 V/m**
Grid 4 **M3** **74.67 V/m**	Grid 5 **M3** **75.99 V/m**	Grid 6 **M3** **75.22 V/m**
Grid 7 **M3** **95.72 V/m**	Grid 8 **M3** **97.39 V/m**	Grid 9 **M3** **95.75 V/m**

Cursor:
Total = 97.39 V/m
E Category: M3
Location: 0, 31.5, 9.7 mm



0 dB = 97.39 V/m = 39.77 dBV/m