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：23.4 ℃

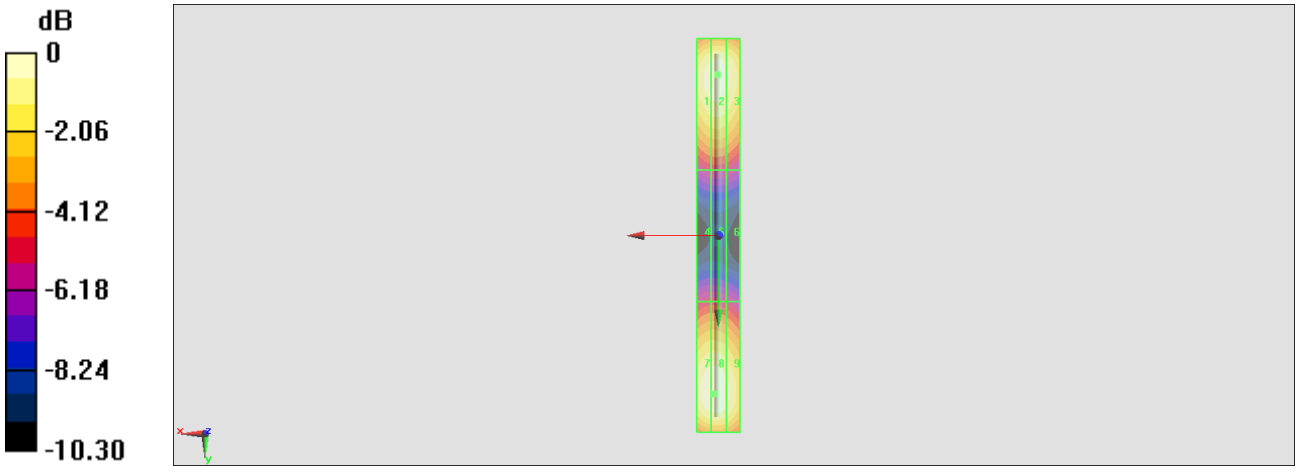
DASY5 Configuration
- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1) @ 835 MHz; Calibrated: 2020/12/18
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2020/5/26
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

E Scan - measurement distance from the probe sensor center to CD835 = 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 = 135.0 V/m; Power Drift = -0.13 dB
PMR not calibrated. PMF = 1.000 is applied.
E-field emissions = 113.4 V/m
Average value of Total=(111.9+113.4) / 2 = 112.65 V/m

PMF scaled E-field

Grid 1 **M4** **110.3 V/m**	Grid 2 **M4** **111.9 V/m**	Grid 3 **M4** **108.4 V/m**
Grid 4 **M4** **62.81 V/m**	Grid 5 **M4** **62.83 V/m**	Grid 6 **M4** **60.59 V/m**
Grid 7 **M4** **113.0 V/m**	Grid 8 **M4** **113.4 V/m**	Grid 9 **M4** **108.4 V/m**

Cursor:
Total = 113.4 V/m
E Category: M4
Location: 2, 72.5, 9.7 mm



0 dB = 113.4 V/m = 41.09 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：23.4 ℃

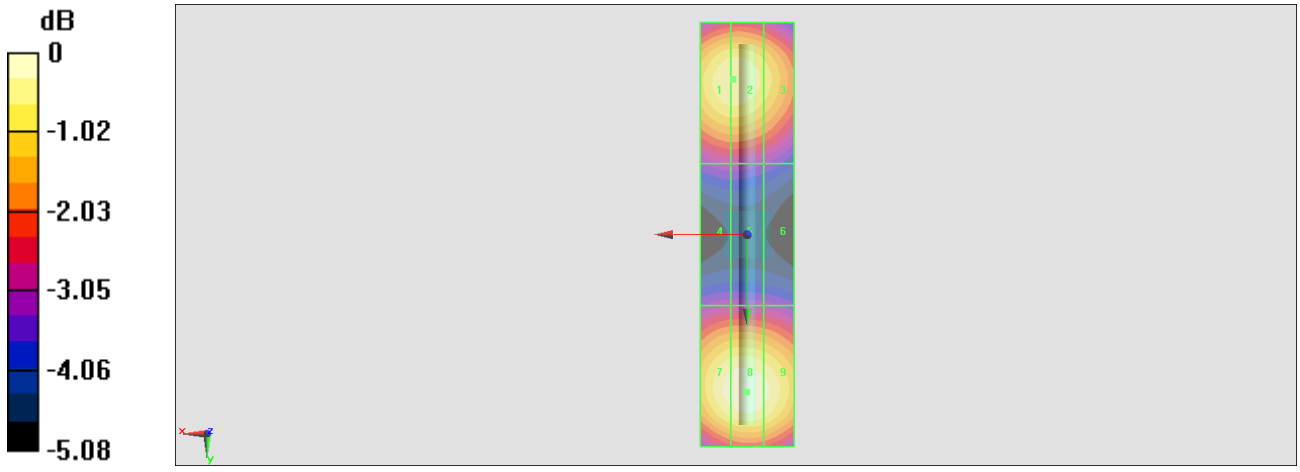
DASY5 Configuration
- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 2020/12/18
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2020/5/26
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

E Scan - measurement distance from the probe sensor center to CD1880 = 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 = 164.7 V/m; Power Drift = 0.00 dB
PMR not calibrated. PMF = 1.000 is applied.
E-field emissions = 89.85 V/m
Average value of Total=(86.54+89.85) / 2 = 88.195 V/m

PMF scaled E-field

Grid 1 **M3** **86.43 V/m**	Grid 2 **M3** **86.54 V/m**	Grid 3 **M3** **82.36 V/m**
Grid 4 **M4** **63.09 V/m**	Grid 5 **M3** **63.11 V/m**	Grid 6 **M4** **62.21 V/m**
Grid 7 **M3** **88.45 V/m**	Grid 8 **M3** **89.85 V/m**	Grid 9 **M3** **87.75 V/m**

Cursor:
Total = 89.85 V/m
E Category: M3
Location: 0, 33.5, 9.7 mm



0 dB = 89.85 V/m = 39.07 dBV/m

HAC_E_Dipole_2450

DUT: HAC Dipole 2450 MHz

Communication System: 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：23.4 ℃

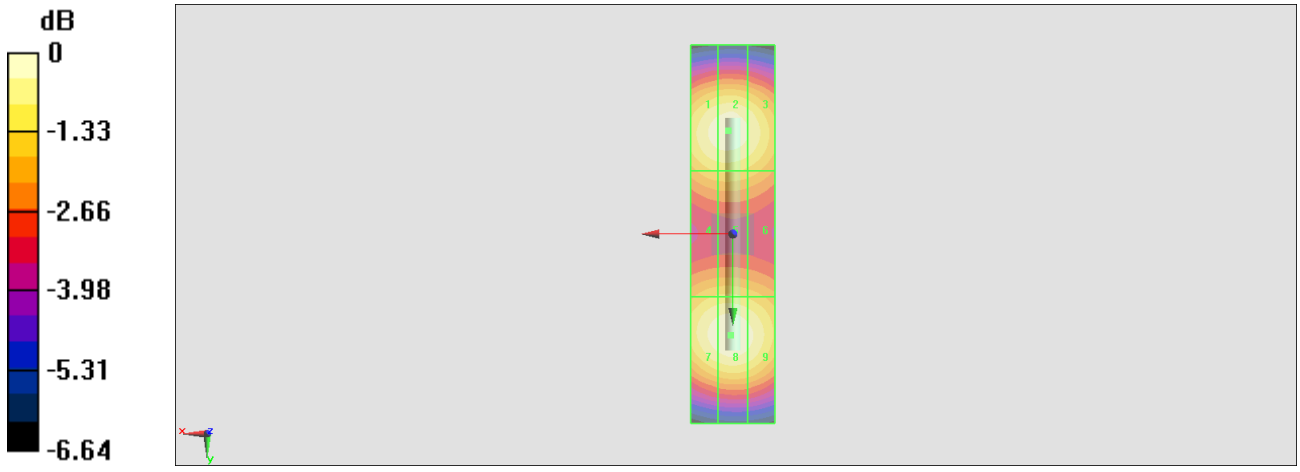
DASY5 Configuration
- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1) @ 2450 MHz; Calibrated: 2020/12/18
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2020/5/26
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

E Scan - measurement distance from the probe sensor center to CD2450 = 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 = 81.96 V/m; Power Drift = 0.03 dB
PMR not calibrated. PMF = 1.000 is applied.
E-field emissions = 90.34 V/m
Average value of Total=(89.22+90.34) / 2 = 89.78 V/m

PMF scaled E-field

Grid 1 **M3** **88.26 V/m**	Grid 2 **M3** **89.22 V/m**	Grid 3 **M3** **86.20 V/m**
Grid 4 **M3** **78.55 V/m**	Grid 5 **M3** **79.03 V/m**	Grid 6 **M3** **77.18 V/m**
Grid 7 **M3** **88.82 V/m**	Grid 8 **M3** **90.34 V/m**	Grid 9 **M3** **87.61 V/m**

Cursor:
Total = 90.34 V/m
E Category: M3
Location: 0.5, 24, 9.7 mm



0 dB = 90.34 V/m = 39.12 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：23.4 ℃

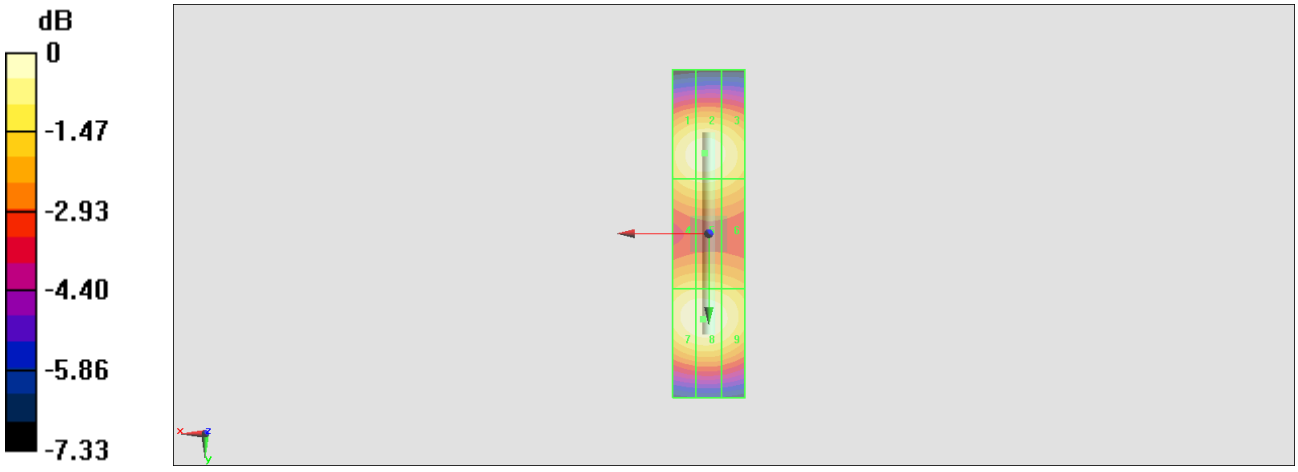
DASY5 Configuration
- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1) @ 2600 MHz; Calibrated: 2020/12/18
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2020/5/26
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

E Scan - measurement distance from the probe sensor center to CD2600 = 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 = 69.94 V/m; Power Drift = 0.05 dB
PMR not calibrated. PMF = 1.000 is applied.
E-field emissions = 87.41 V/m
Average value of Total=(86.21+87.41) / 2 = 86.81 V/m

PMF scaled E-field

Grid 1 **M3** **85.56 V/m**	Grid 2 **M3** **86.21 V/m**	Grid 3 **M3** **83.85 V/m**
Grid 4 **M3** **79.49 V/m**	Grid 5 **M3** **79.81 V/m**	Grid 6 **M3** **78.05 V/m**
Grid 7 **M3** **87.14 V/m**	Grid 8 **M3** **87.41 V/m**	Grid 9 **M3** **84.63 V/m**

Cursor:
Total = 87.41 V/m
E Category: M3
Location: 1.5, 23.5, 9.7 mm



0 dB = 87.41 V/m = 38.83 dBV/m

HAC_E_Dipole_3500

DUT: HAC Dipole 3500 MHz

Communication System: CW ; Frequency: 3500 MHz;Duty Cycle: 1:1
Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Ambient Temperature：23.4 ℃

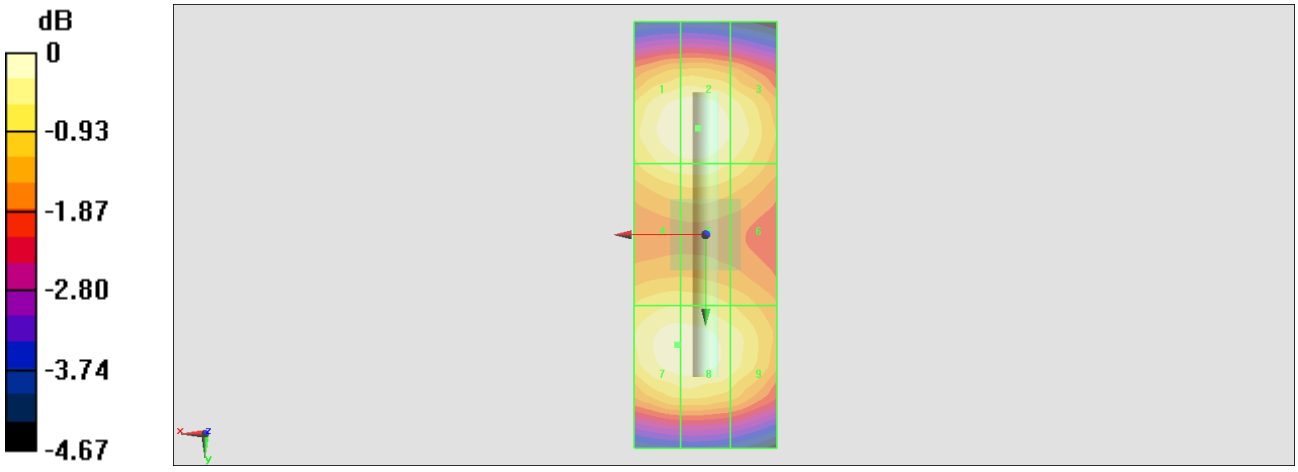
DASY5 Configuration
- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1) @ 3500 MHz; Calibrated: 2020/12/18
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2020/5/26
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

E Scan - measurement distance from the probe sensor center to CD3500 = 10mm & 15mm/Hearing Aid Compatibility Test at 15mm distance (41x121x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm
Device Reference Point: 0, 0, -6.3 mm
Reference Value = 35.80 V/m; Power Drift = -0.05 dB
PMR not calibrated. PMF = 1.000 is applied.
E-field emissions = 85.14 V/m
Average value of Total=(85.14+84.33) / 2 = 84.735 V/m

PMF scaled E-field

Grid 1 **M3** **84.81 V/m**	Grid 2 **M3** **85.14 V/m**	Grid 3 **M3** **82.27 V/m**
Grid 4 **M3** **81.11 V/m**	Grid 5 **M3** **81.47 V/m**	Grid 6 **M3** **79.08 V/m**
Grid 7 **M3** **84.34 V/m**	Grid 8 **M3** **84.33 V/m**	Grid 9 **M3** **81.12 V/m**

Cursor:
Total = 85.14 V/m
E Category: M3
Location: 1, -15, 9.7 mm



0 dB = 85.14 V/m = 38.60 dBV/m