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：23.5 ℃

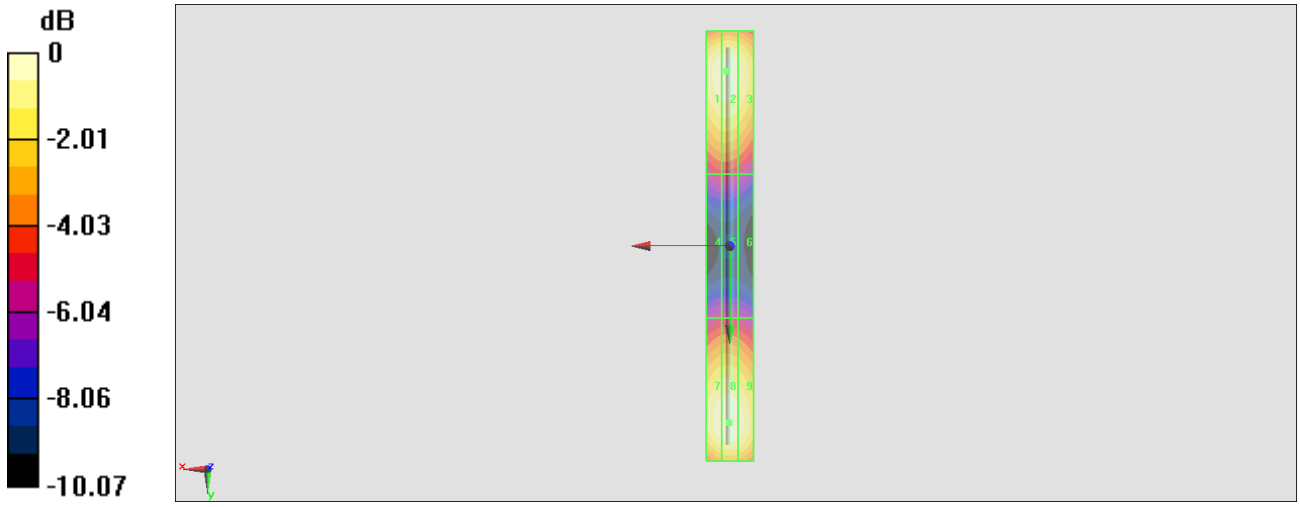
DASY5 Configuration
- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 835 MHz; Calibrated: 2021/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (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 = 124.3 V/m; Power Drift = 0.09 dB
PMR not calibrated. PMF = 1.000 is applied.
E-field emissions = 115.3 V/m
Average value of Total=(114.7+115.3) / 2 = 115 V/m

PMF scaled E-field

Grid 1 **M4** **113.6 V/m**	Grid 2 **M4** **114.7 V/m**	Grid 3 **M4** **109.6 V/m**
Grid 4 **M4** **64.55 V/m**	Grid 5 **M4** **64.76 V/m**	Grid 6 **M4** **61.81 V/m**
Grid 7 **M4** **113.2 V/m**	Grid 8 **M4** **115.3 V/m**	Grid 9 **M4** **111.2 V/m**

Cursor:
Total = 115.3 V/m
E Category: M4
Location: 0.5, 74, 8.7 mm



0 dB = 115.3 V/m = 41.24 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：23.5 ℃

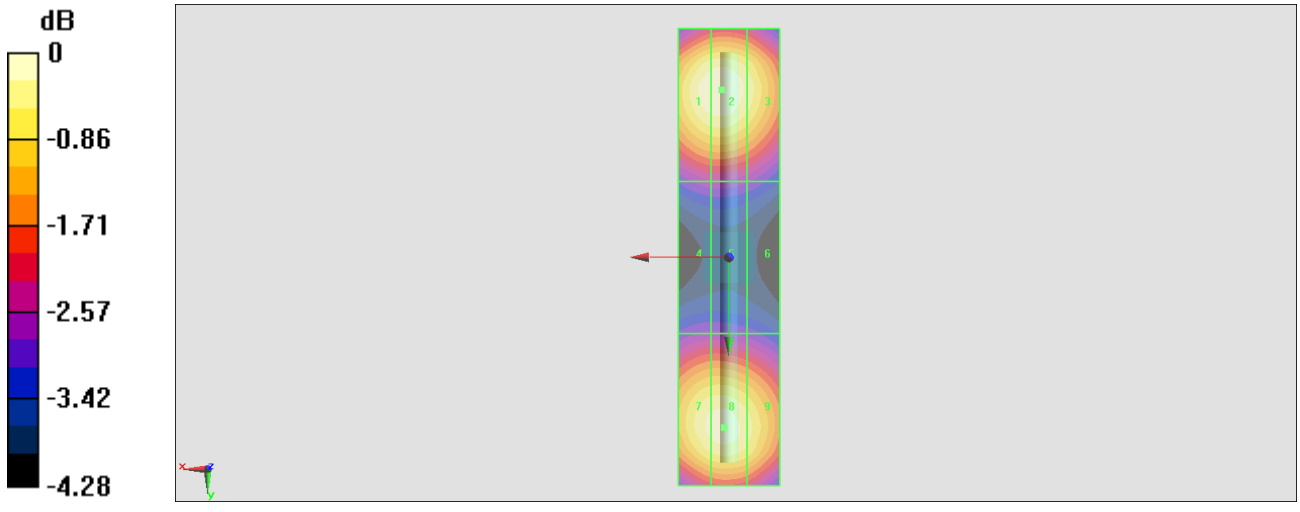
DASY5 Configuration
- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 2021/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (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 = 156.9 V/m; Power Drift = 0.06 dB
PMR not calibrated. PMF = 1.000 is applied.
E-field emissions = 88.62 V/m
Average value of Total=(88.62+87.26) / 2 = 87.94 V/m

PMF scaled E-field

Grid 1 **M3** **88.16 V/m**	Grid 2 **M3** **88.62 V/m**	Grid 3 **M3** **85.22 V/m**
Grid 4 **M3** **65.65 V/m**	Grid 5 **M3** **65.74 V/m**	Grid 6 **M3** **64.34 V/m**
Grid 7 **M3** **86.54 V/m**	Grid 8 **M3** **87.26 V/m**	Grid 9 **M3** **84.39 V/m**

Cursor:
Total = 88.62 V/m
E Category: M3
Location: 1.5, -33, 9.7 mm



0 dB = 88.62 V/m = 39.08 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：23.5 ℃

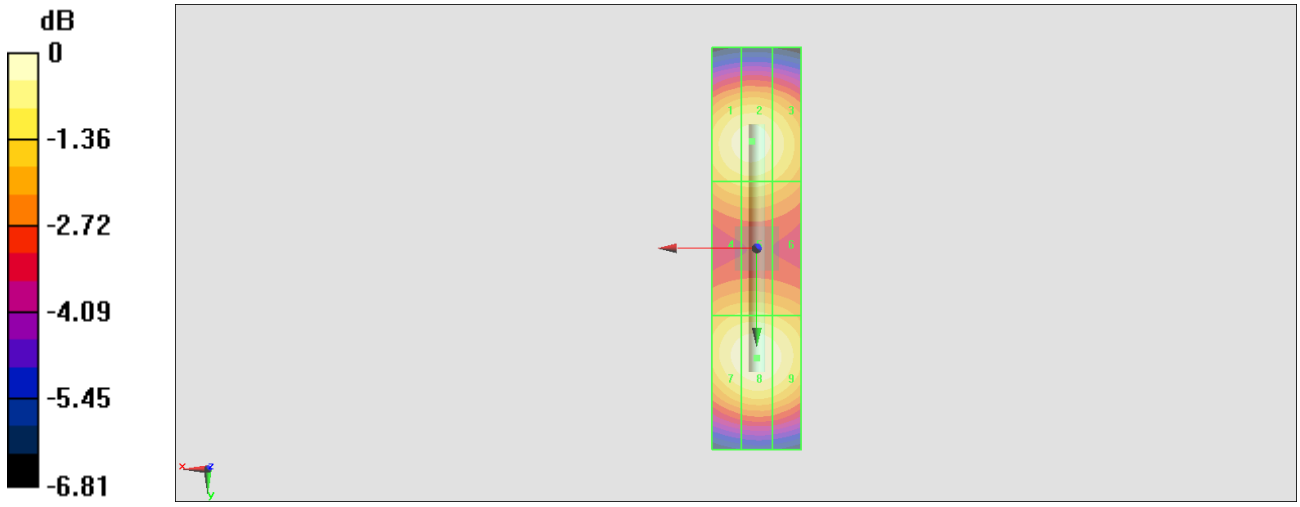
DASY5 Configuration
- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2450 MHz; Calibrated: 2021/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

E Scan - measurement distance from the probe sensor center to CD2450 = 10mm & 15mm 2/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 = 83.28 V/m; Power Drift = 0.04 dB
PMR not calibrated. PMF = 1.000 is applied.
E-field emissions = 88.23 V/m
Average value of Total=(86.45+88.23) / 2 = 87.34 V/m

PMF scaled E-field

Grid 1 **M3** **85.61 V/m**	Grid 2 **M3** **86.45 V/m**	Grid 3 **M3** **83.21 V/m**
Grid 4 **M3** **77.11 V/m**	Grid 5 **M3** **77.55 V/m**	Grid 6 **M3** **75.55 V/m**
Grid 7 **M3** **86.32 V/m**	Grid 8 **M3** **88.23 V/m**	Grid 9 **M3** **86.24 V/m**

Cursor:
Total = 88.23 V/m
E Category: M3
Location: 0, 24.5, 9.7 mm



0 dB = 88.23 V/m = 38.95 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：23.5 ℃

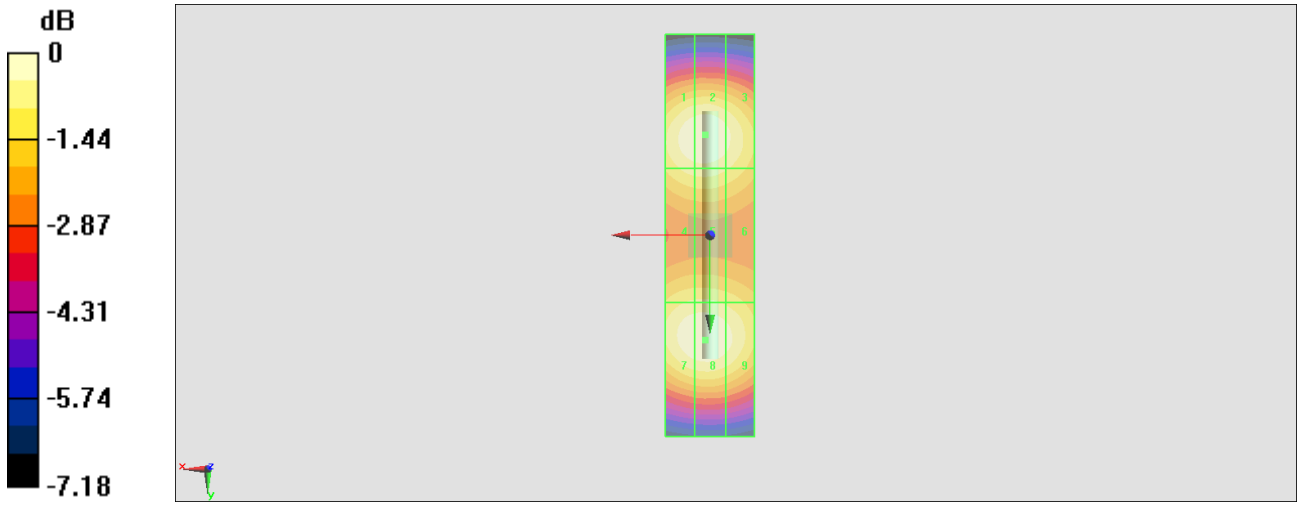
DASY5 Configuration
- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2600 MHz; Calibrated: 2021/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (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 = 72.52 V/m; Power Drift = -0.05 dB
PMR not calibrated. PMF = 1.000 is applied.
E-field emissions = 87.46 V/m
Average value of Total=(87.46+87.41) / 2 = 87.435 V/m

PMF scaled E-field

Grid 1 **M3** **86.72 V/m**	Grid 2 **M3** **87.46 V/m**	Grid 3 **M3** **84.15 V/m**
Grid 4 **M3** **80.81 V/m**	Grid 5 **M3** **81.30 V/m**	Grid 6 **M3** **79.11 V/m**
Grid 7 **M3** **86.70 V/m**	Grid 8 **M3** **87.41 V/m**	Grid 9 **M3** **84.73 V/m**

Cursor:
Total = 87.46 V/m
E Category: M3
Location: 1, -22.5, 9.7 mm



0 dB = 87.46 V/m = 38.82 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：23.5 ℃

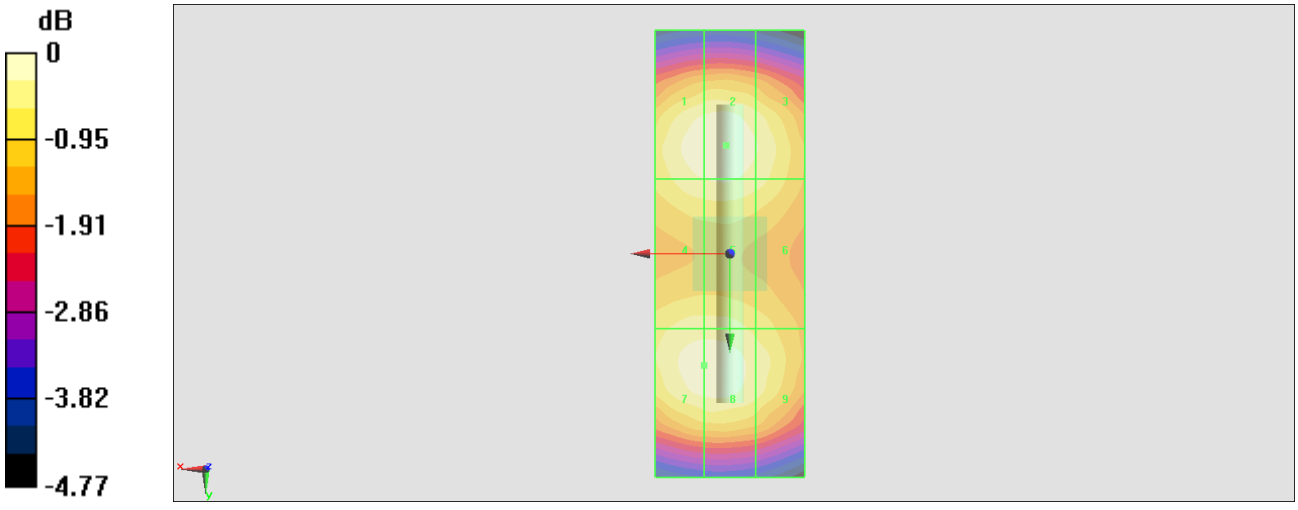
DASY5 Configuration
- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 3500 MHz; Calibrated: 2021/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (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 = 38.06 V/m; Power Drift = -0.07 dB
PMR not calibrated. PMF = 1.000 is applied.
E-field emissions = 88.75 V/m
Average value of Total=(88.75+87.31) / 2 = 88.03 V/m

PMF scaled E-field

Grid 1 **M3** **87.74 V/m**	Grid 2 **M3** **88.75 V/m**	Grid 3 **M3** **85.64 V/m**
Grid 4 **M3** **85.31 V/m**	Grid 5 **M3** **85.79 V/m**	Grid 6 **M3** **83.55 V/m**
Grid 7 **M3** **87.33 V/m**	Grid 8 **M3** **87.31 V/m**	Grid 9 **M3** **84.32 V/m**

Cursor:
Total = 88.75 V/m
E Category: M3
Location: 0.5, -14.5, 9.7 mm



0 dB = 88.75 V/m = 39.14 dBV/m

HAC_E_Dipole_5500

DUT: HAC Dipole 5500 MHz

Communication System:CW; Frequency: 5500 MHz;Duty Cycle: 1:1
Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Ambient Temperature：23.5 ℃

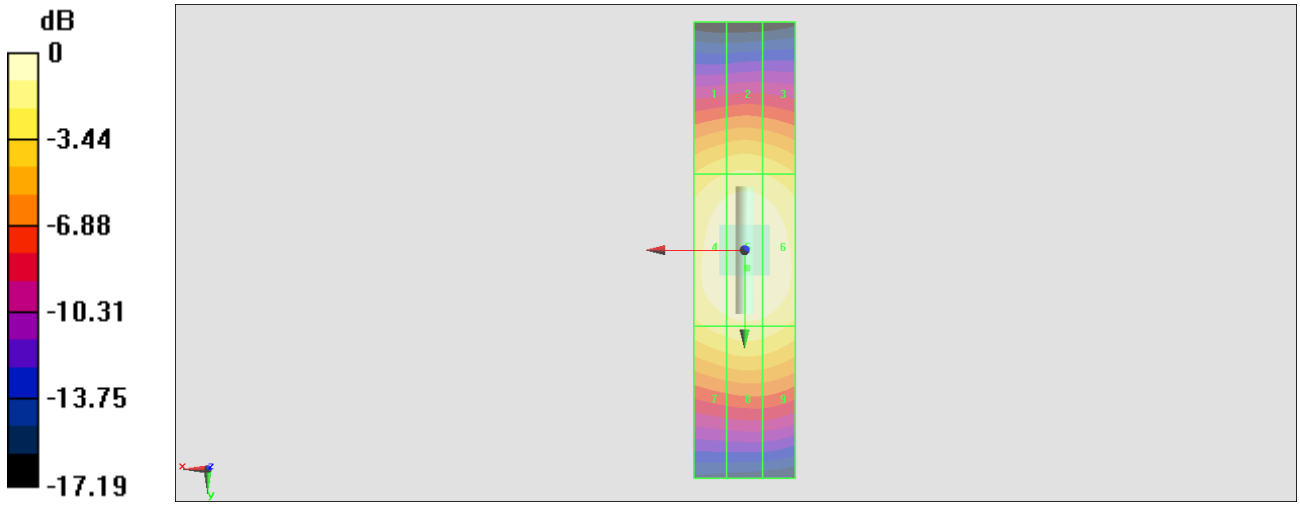
DASY5 Configuration
- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 5500 MHz; Calibrated: 2021/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

E Scan - measurement distance from the probe sensor center to CD5500 = 10mm & 15mm 2/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 = 28.11 V/m; Power Drift = -0.06 dB
PMR not calibrated. PMF = 1.000 is applied.
E-field emissions = 113.8 V/m
Average value of Total=(90.25+96.93) / 2 = 93.59 V/m

PMF scaled E-field

Grid 1 **M3** **87.85 V/m**	Grid 2 **M3** **90.25 V/m**	Grid 3 **M3** **88.09 V/m**
Grid 4 **M3** **110.1 V/m**	Grid 5 **M2** **113.8 V/m**	Grid 6 **M3** **112.2 V/m**
Grid 7 **M3** **94.24 V/m**	Grid 8 **M3** **96.93 V/m**	Grid 9 **M3** **95.14 V/m**

Cursor:
Total = 113.8 V/m
E Category: M2
Location: -0.5, 3.5, 9.7 mm



0 dB = 113.8 V/m = 41.15 dBV/m