

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, $\epsilon_r = 1$; $\rho = 0$ kg/m³

Ambient Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 835 MHz; Calibrated: 2023/1/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

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 = 135.4 V/m; Power Drift = -0.00 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 119.7 V/m

Average value of Total=(119.7+112.9) / 2 = 116.3 V/m

PMF scaled E-field

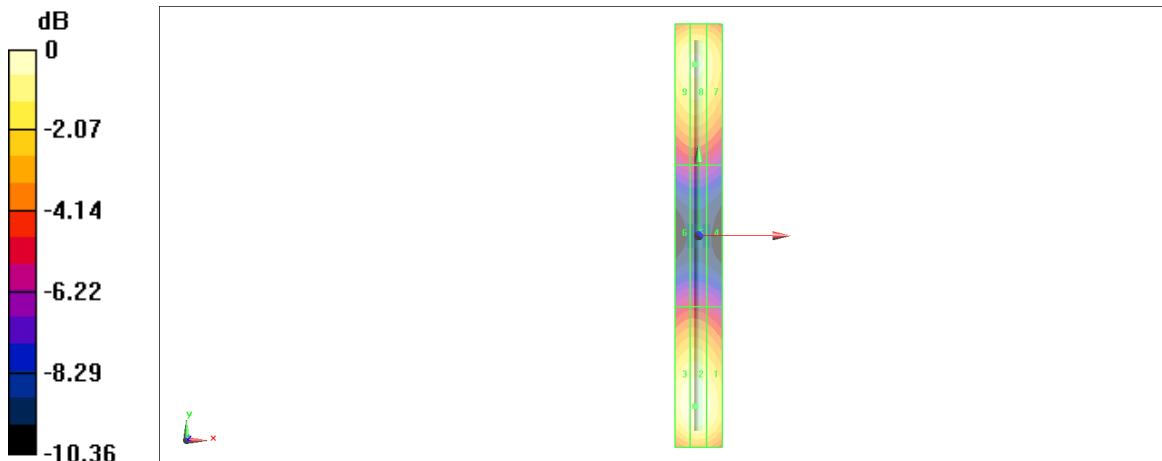
| | | |
|-------------------------------|-------------------------------|-------------------------------|
| Grid 1 M4 114.4 V/m | Grid 2 M4 119.7 V/m | Grid 3 M4 119.0 V/m |
| Grid 4 M4 63.41 V/m | Grid 5 M4 66.26 V/m | Grid 6 M4 66.21 V/m |
| Grid 7 M4 108.0 V/m | Grid 8 M4 112.9 V/m | Grid 9 M4 112.3 V/m |

Cursor:

Total = 119.7 V/m

E Category: M4

Location: -1.5, -72.5, 9.7 mm



0 dB = 119.7 V/m = 41.56 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, $\epsilon_r = 1$; $\rho = 0$ kg/m³

Ambient Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 2023/1/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

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 = 171.5 V/m; Power Drift = 0.03 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 92.46 V/m

Average value of Total=(89.43+92.46) / 2 = 90.945 V/m

PMF scaled E-field

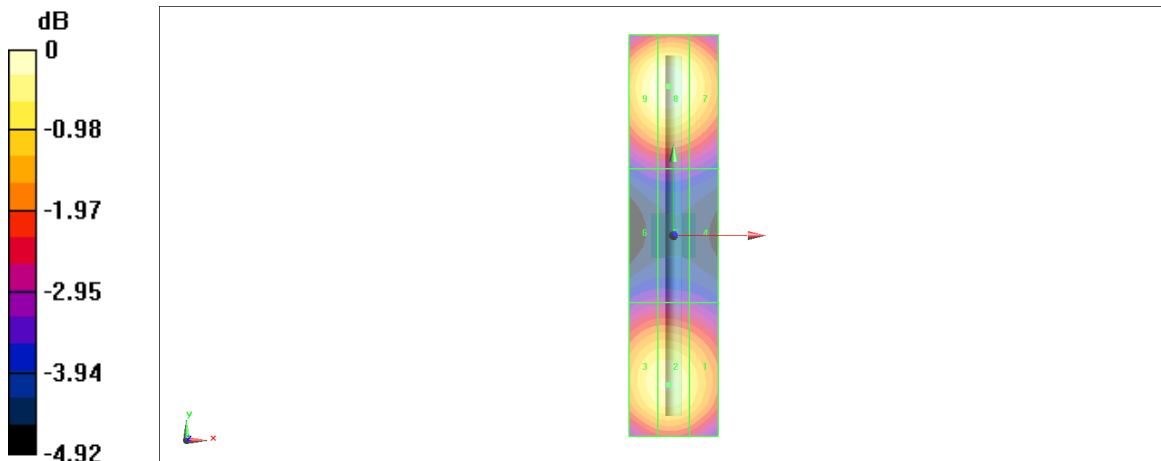
| | | |
|-------------------------------|-------------------------------|-------------------------------|
| Grid 1 M3 85.86 V/m | Grid 2 M3 89.43 V/m | Grid 3 M3 88.91 V/m |
| Grid 4 M3 63.80 V/m | Grid 5 M3 65.29 V/m | Grid 6 M3 65.16 V/m |
| Grid 7 M3 88.74 V/m | Grid 8 M3 92.46 V/m | Grid 9 M3 91.45 V/m |

Cursor:

Total = 92.46 V/m

E Category: M3

Location: -1, 33.5, 9.7 mm



0 dB = 92.46 V/m = 39.32 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: $\sigma = 0 \text{ S/m}$, $\epsilon_r = 1$; $\rho = 0 \text{ kg/m}^3$

Ambient Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2450 MHz; Calibrated: 2023/1/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

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 = 81.37 V/m; Power Drift = 0.04 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 85.09 V/m

Average value of Total=(85.09+85.04) / 2 = 85.065 V/m

PMF scaled E-field

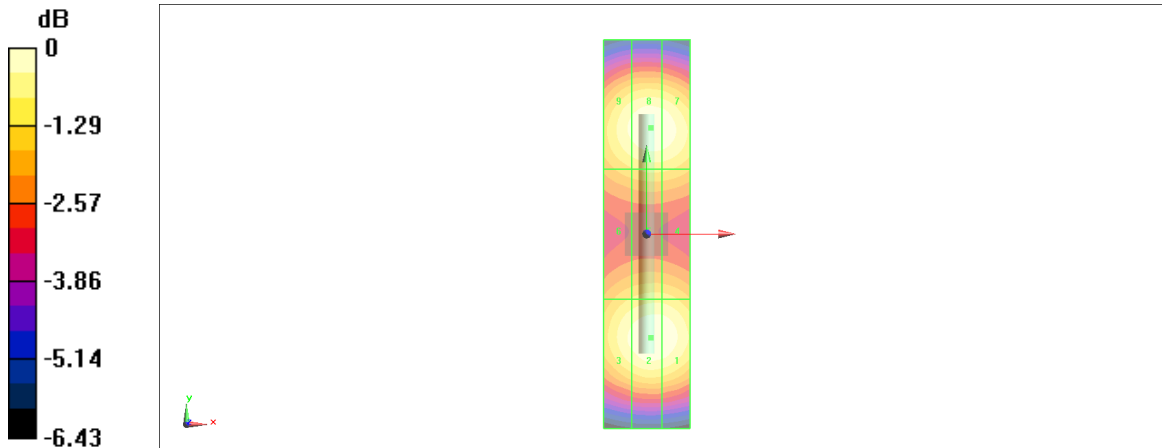
| | | |
|-------------------------------|-------------------------------|-------------------------------|
| Grid 1 M3 84.70 V/m | Grid 2 M3 85.09 V/m | Grid 3 M3 82.16 V/m |
| Grid 4 M3 75.69 V/m | Grid 5 M3 75.79 V/m | Grid 6 M3 73.88 V/m |
| Grid 7 M3 84.34 V/m | Grid 8 M3 85.04 V/m | Grid 9 M3 82.14 V/m |

Cursor:

Total = 85.09 V/m

E Category: M3

Location: 1, -24, 9.7 mm



0 dB = 85.09 V/m = 38.60 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: $\sigma = 0 \text{ S/m}$, $\epsilon_r = 1$; $\rho = 0 \text{ kg/m}^3$

Ambient Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2600 MHz; Calibrated: 2023/1/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

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 = 65.08 V/m; Power Drift = 0.02 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 87.03 V/m

Average value of Total=(82.56+87.03) / 2 = 84.795 V/m

PMF scaled E-field

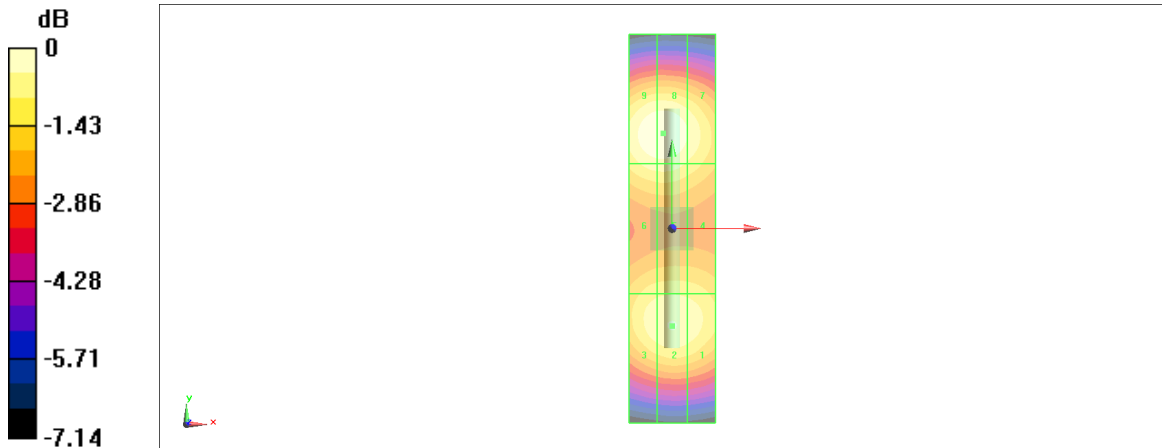
| | | |
|-------------------------------|-------------------------------|-------------------------------|
| Grid 1 M3 81.24 V/m | Grid 2 M3 82.56 V/m | Grid 3 M3 81.34 V/m |
| Grid 4 M3 77.48 V/m | Grid 5 M3 80.88 V/m | Grid 6 M3 80.71 V/m |
| Grid 7 M3 82.56 V/m | Grid 8 M3 87.03 V/m | Grid 9 M3 86.78 V/m |

Cursor:

Total = 87.03 V/m

E Category: M3

Location: -2, 22, 9.7 mm



0 dB = 87.03 V/m = 38.79 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: $\sigma = 0 \text{ S/m}$, $\epsilon_r = 1$; $\rho = 0 \text{ kg/m}^3$

Ambient Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 3500 MHz; Calibrated: 2023/1/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

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 = 38.00 V/m; Power Drift = 0.10 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 87.00 V/m

Average value of Total=(87.00+86.10) / 2 = 86.55 V/m

PMF scaled E-field

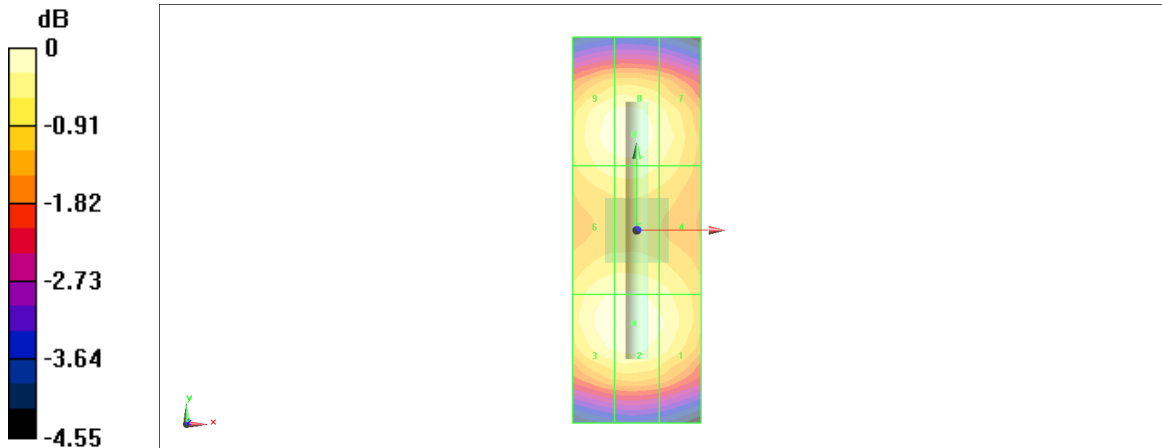
| | | |
|-------------------------------|-------------------------------|-------------------------------|
| Grid 1 M3 84.54 V/m | Grid 2 M3 87.00 V/m | Grid 3 M3 86.46 V/m |
| Grid 4 M3 82.58 V/m | Grid 5 M3 84.58 V/m | Grid 6 M3 84.43 V/m |
| Grid 7 M3 83.38 V/m | Grid 8 M3 86.10 V/m | Grid 9 M3 85.58 V/m |

Cursor:

Total = 87.00 V/m

E Category: M3

Location: -0.5, -14.5, 9.7 mm



0 dB = 87.00 V/m = 38.79 dBV/m

HAC_E_Dipole_5500

DUT: HAC Dipole 5500 MHz

Communication CW ; Frequency: 5500 MHz;Duty Cycle: 1:1

Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 0$ kg/m³

Ambient Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 5500 MHz; Calibrated: 2023/1/17
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

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 = 29.64 V/m; Power Drift = -0.01 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 110.5 V/m

Average value of Total=(88.99+94.22) / 2 = 91.605 V/m

PMF scaled E-field

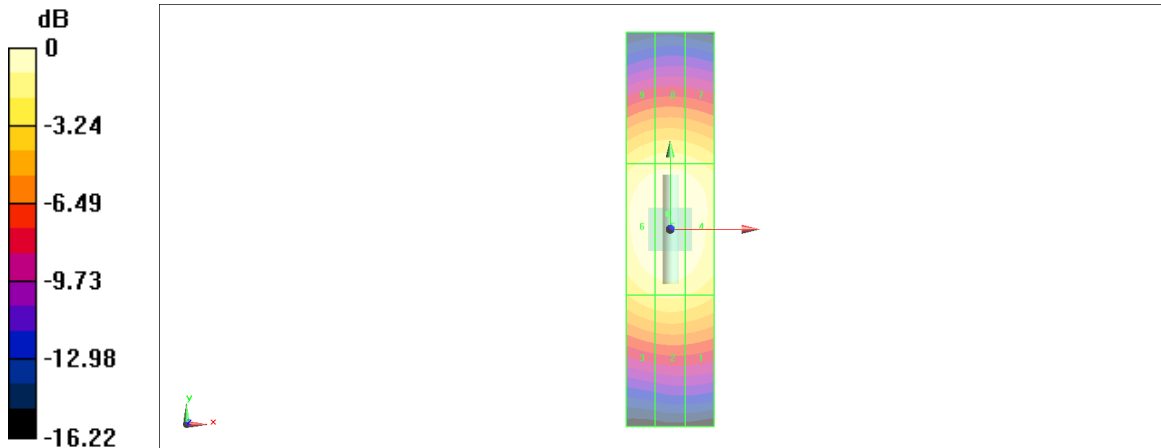
| | | |
|-------------------------------|-------------------------------|-------------------------------|
| Grid 1 M3 86.94 V/m | Grid 2 M3 88.99 V/m | Grid 3 M3 86.94 V/m |
| Grid 4 M3 107.4 V/m | Grid 5 M3 110.5 V/m | Grid 6 M3 108.9 V/m |
| Grid 7 M3 92.41 V/m | Grid 8 M3 94.22 V/m | Grid 9 M3 92.87 V/m |

Cursor:

Total = 110.5 V/m

E Category: M3

Location: -0.5, 3.5, 9.7 mm



0 dB = 110.5 V/m = 40.87 dBV/m