

HAC_E_Dipole_835

DUT: HAC-Dipole 835 MHz

Communication System: UID 0, 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 : 23.5 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2528; ConvF(1, 1, 1); Calibrated: 2017.1.25;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1326; Calibrated: 2017.9.15
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

E Scan - measurement distance from the probe sensor center to CD835 = 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 = 98.49 V/m; Power Drift = 0.12 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 107.1 V/m

Average value of Total=(107.1+97.23)/2=102.165 V/m

PMF scaled E-field

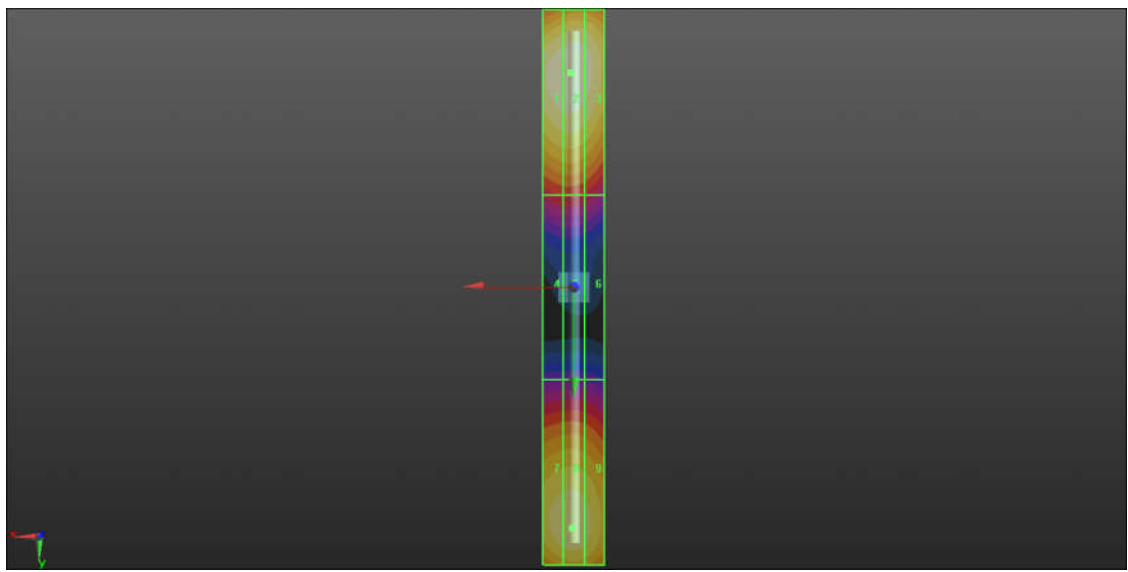
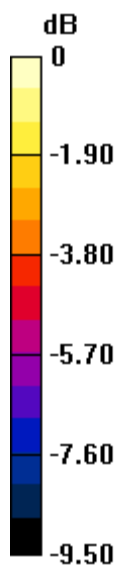
| | | |
|--------------------------------------|--------------------------------------|--------------------------------------|
| Grid 1 M4 106.4 V/m | Grid 2 M4 107.1 V/m | Grid 3 M4 104.3 V/m |
| Grid 4 M4 65.45 V/m | Grid 5 M4 65.73 V/m | Grid 6 M4 63.52 V/m |
| Grid 7 M4 97.24 V/m | Grid 8 M4 97.23 V/m | Grid 9 M4 95.73 V/m |

Cursor:

Total = 107.1 V/m

E Category: M4

Location: 1, -69.5, 9.7 mm



0 dB = 107.8 V/m = 40.65 dBV/m

HAC_E_Dipole_1880

DUT: HAC Dipole 1880 MHz

Communication System: UID 0, CW (0); 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 : 23.5 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2528; ConvF(1, 1, 1); Calibrated: 2017.1.25;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1326; Calibrated: 2017.9.15
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

E Scan - measurement distance from the probe sensor center to CD1880 = 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 = 134.8 V/m; Power Drift = -0.09 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 88.56 V/m

Average value of Total=(88.56+80.61)/2=84.585 V/m

PMF scaled E-field

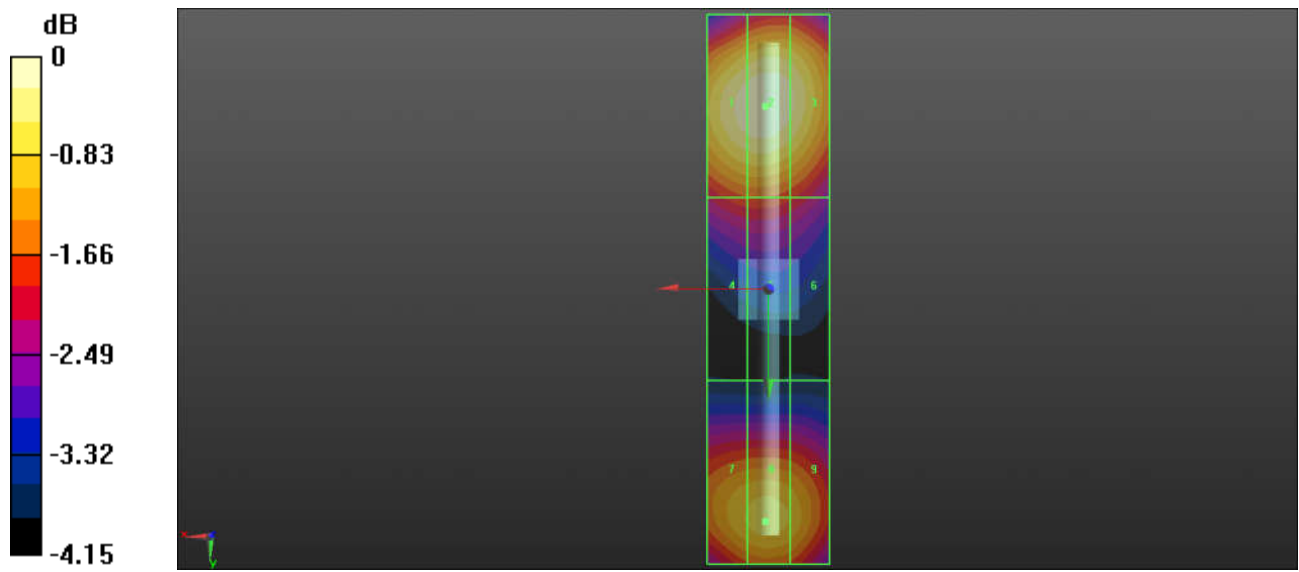
| | | |
|--------------------------------------|--------------------------------------|--------------------------------------|
| Grid 1 M3 86.37 V/m | Grid 2 M3 88.56 V/m | Grid 3 M3 85.38 V/m |
| Grid 4 M3 72.15 V/m | Grid 5 M3 72.35 V/m | Grid 6 M3 70.63 V/m |
| Grid 7 M3 79.72 V/m | Grid 8 M3 80.61 V/m | Grid 9 M3 79.31 V/m |

Cursor:

Total = 88.56 V/m

E Category: M3

Location: 0.5, -30, 9.7 mm



0 dB = 87.96 V/m = 38.89 dBV/m

HAC_E_Dipole_2600

Communication System: UID 0, CW (0); Frequency: 2600 MHz; Duty Cycle: 1:1

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

Ambient Temperature : 23.6 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2528; ConvF(1, 1, 1); Calibrated: 2017.1.25;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1326; Calibrated: 2017.9.15
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

E Scan - measurement distance from the probe sensor center to CD2600 = 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 = 68.99 V/m; Power Drift = -0.04 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 92.54 V/m

Average value of Total=(92.54+81.62)/2=87.08 V/m

PMF scaled E-field

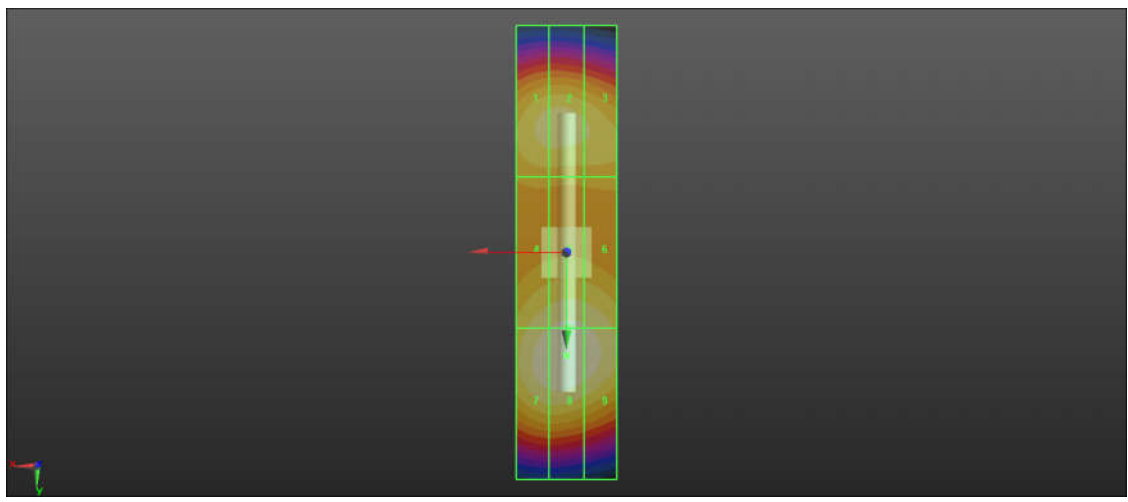
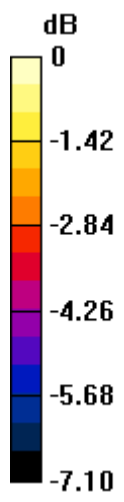
| | | |
|--------------------------------------|--------------------------------------|--------------------------------------|
| Grid 1 M3 84.23 V/m | Grid 2 M3 92.54 V/m | Grid 3 M3 83.51 V/m |
| Grid 4 M3 86.39 V/m | Grid 5 M3 88.55 V/m | Grid 6 M3 87.63 V/m |
| Grid 7 M3 90.56 V/m | Grid 8 M3 81.62 V/m | Grid 9 M3 91.01 V/m |

Cursor:

Total = 92.54 V/m

E Category: M3

Location: 0, 20.5, 9.7 mm



0 dB = 92.54 V/m = 39.33 dBV/m