# HAC-RF Emission

Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 1/11/2013;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1239; Calibrated: 6/6/2012
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (5);SEMCAD X Version 14.6.8 (7028)

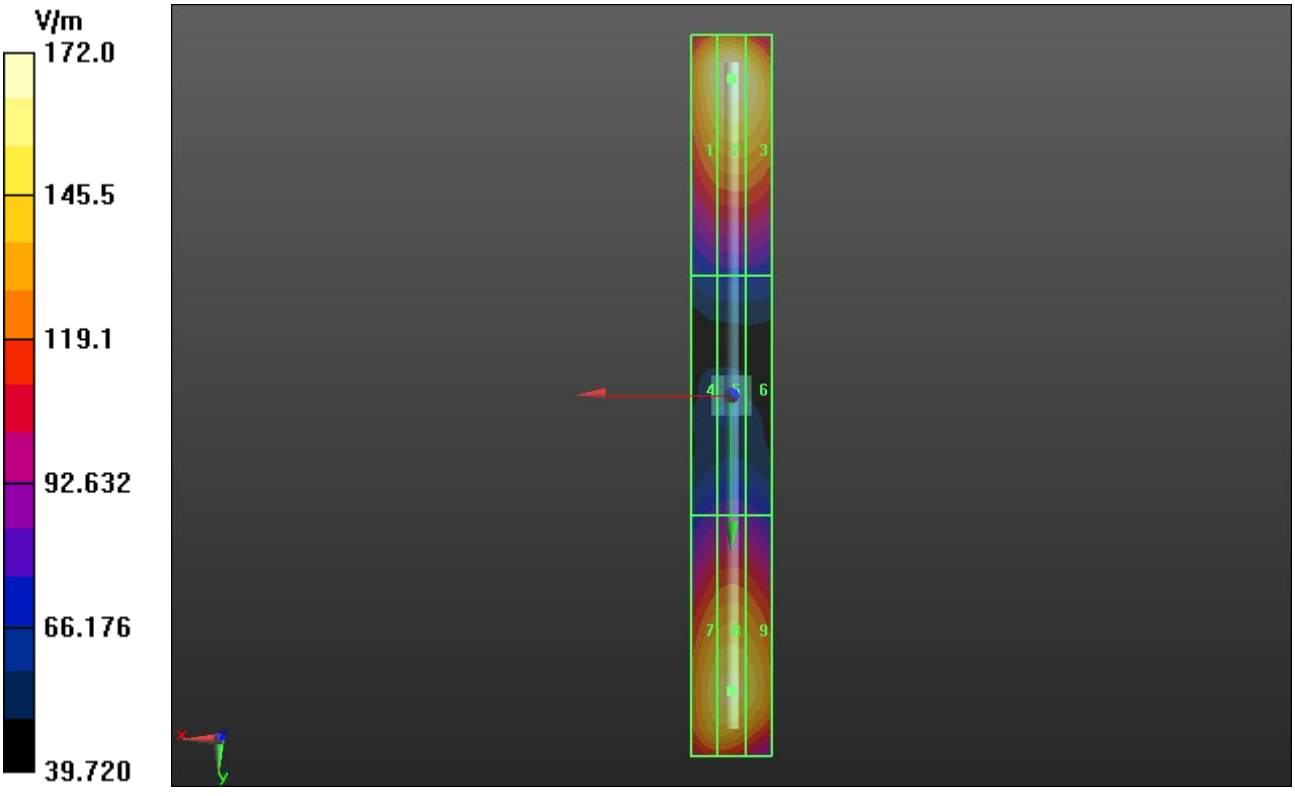
## CD835V3, Dipole E-Field measurement/E Scan - measurement distance from the probe sensor center to CD835 Dipole = 10mm/Hearing Aid Compatibility Test (41x361x1):

Interpolated grid: dx=0.5000 mm, dy=0.5000 mm
Device Reference Point: 0, 0, -6.3 mm
Reference Value = 116.4 V/m; Power Drift = 0.00 dB
PMR not calibrated. PMF = 1.000 is applied.
E-field emissions = 172.0 V/m
**Near-field category: M4 (AWF 0 dB)**

PMF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M4** **165.3 V/m** | Grid 2 **M4** **172.0 V/m** | Grid 3 **M4** **167.0 V/m** |
| Grid 4 **M4** **81.56 V/m** | Grid 5 **M4** **83.68 V/m** | Grid 6 **M4** **81.85 V/m** |
| Grid 7 **M4** **153.9 V/m** | Grid 8 **M4** **157.1 V/m** | Grid 9 **M4** **153.7 V/m** |

**Cursor:**
Total = 172.0 V/m
E Category: M4
Location: 0, -79, 4.7 mm



# HAC-RF Emission

Communication System: CW; Frequency: 1880 MHz; Duty Cycle: 1:1
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 1/11/2013;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1239; Calibrated: 6/6/2012
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (5);SEMCAD X Version 14.6.8 (7028)

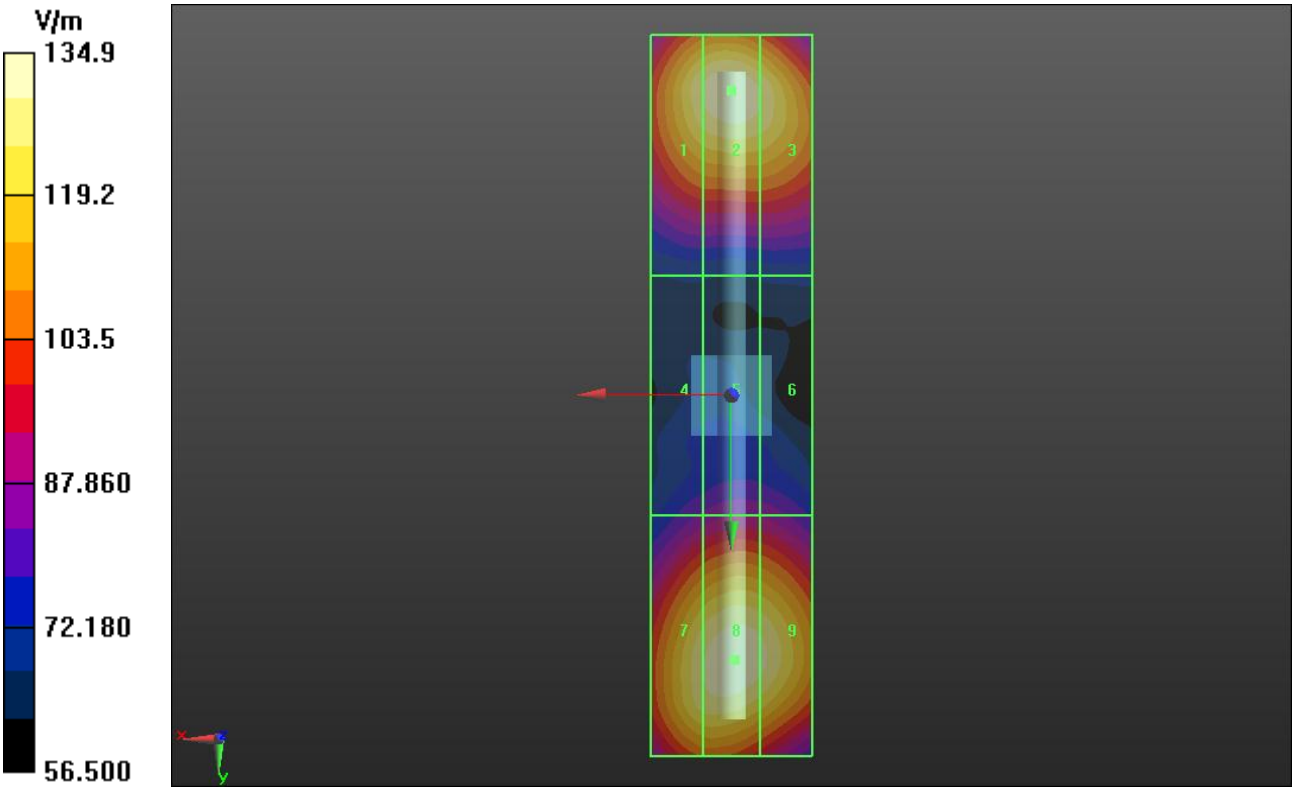
## CD1880V3, Dipole E-Field measurement/E Scan - measurement distance from the probe sensor center to CD1880 Dipole = 10mm/Hearing Aid Compatibility Test (41x181x1):

Interpolated grid: dx=0.5000 mm, dy=0.5000 mm
Device Reference Point: 0, 0, -6.3 mm
Reference Value = 138.6 V/m; Power Drift = 0.02 dB
PMR not calibrated. PMF = 1.000 is applied.
E-field emissions = 134.9 V/m
**Near-field category: M2 (AWF 0 dB)**

PMF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M2** **130.4 V/m** | Grid 2 **M2** **134.9 V/m** | Grid 3 **M2** **130.1 V/m** |
| Grid 4 **M3** **84.34 V/m** | Grid 5 **M3** **88.79 V/m** | Grid 6 **M3** **87.77 V/m** |
| Grid 7 **M2** **129.9 V/m** | Grid 8 **M2** **133.9 V/m** | Grid 9 **M2** **131.4 V/m** |

**Cursor:**
Total = 134.9 V/m
E Category: M2
Location: 0, -38, 4.7 mm



# HAC-RF Emission

Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1
Phantom section: RF Section
DASY5 Configuration:
- Probe: H3DV6 - SN6157; ; Calibrated: 1/11/2013
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1239; Calibrated: 6/6/2012
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (5);SEMCAD X Version 14.6.8 (7028)

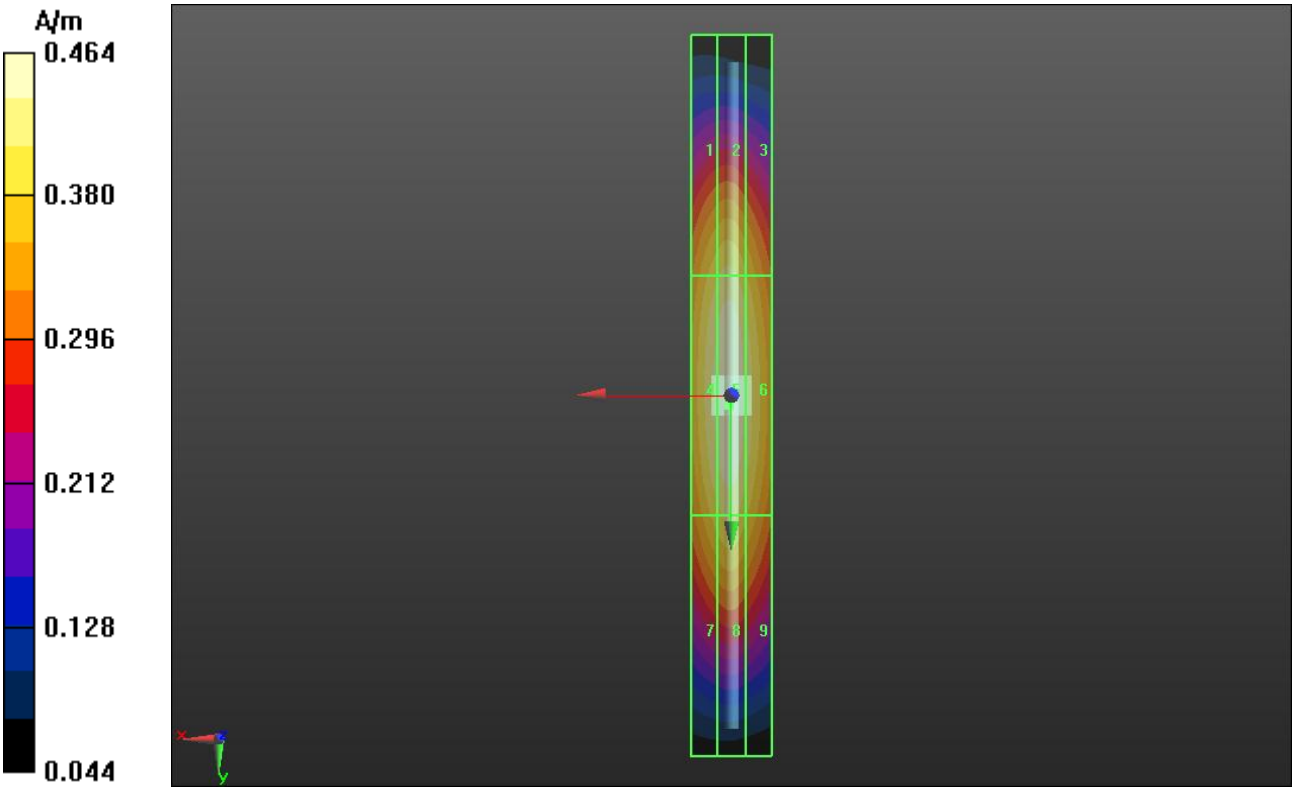
## CD835V3, Dipole H-Field meausrement/H Scan - measurement distance from the probe sensor center to CD835 Dipole = 10mm/Hearing Aid Compatibility Test (41x361x1):

Interpolated grid: dx=0.5000 mm, dy=0.5000 mm
Device Reference Point: 0, 0, -6.3 mm
Reference Value = 0.4890 A/m; Power Drift = 0.06 dB
PMR not calibrated. PMF = 1.000 is applied.
H-field emissions = 0.4636 A/m
**Near-field category: M4 (AWF 0 dB)**

PMF scaled H-field

| | | |
|---|---|---|
| Grid 1 **M4** **0.404 A/m** | Grid 2 **M4** **0.416 A/m** | Grid 3 **M4** **0.384 A/m** |
| Grid 4 **M4** **0.447 A/m** | Grid 5 **M4** **0.464 A/m** | Grid 6 **M4** **0.431 A/m** |
| Grid 7 **M4** **0.397 A/m** | Grid 8 **M4** **0.414 A/m** | Grid 9 **M4** **0.385 A/m** |

**Cursor:**
Total = 0.4636 A/m
H Category: M4
Location: 0.5, 2.5, 4.7 mm



# HAC-RF Emission

Communication System: CW; Frequency: 1880 MHz; Duty Cycle: 1:1
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: H3DV6 - SN6157; ; Calibrated: 1/11/2013
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1239; Calibrated: 6/6/2012
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (5);SEMCAD X Version 14.6.8 (7028)

## CD1880V3, Dipole H-Field meausrement/H Scan - measurement distance from the probe sensor center to CD1880 Dipole = 10mm/Hearing Aid Compatibility Test (41x181x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 0.4940 A/m; Power Drift = 0.01 dB
PMR not calibrated. PMF = 1.000 is applied.
H-field emissions = 0.4688 A/m
**Near-field category: M2 (AWF 0 dB)**

PMF scaled H-field

| | | |
|---|---|---|
| Grid 1 **M2** **0.405 A/m** | Grid 2 **M2** **0.420 A/m** | Grid 3 **M2** **0.395 A/m** |
| Grid 4 **M2** **0.452 A/m** | Grid 5 **M2** **0.469 A/m** | Grid 6 **M2** **0.442 A/m** |
| Grid 7 **M2** **0.422 A/m** | Grid 8 **M2** **0.441 A/m** | Grid 9 **M2** **0.414 A/m** |

**Cursor:**
Total = 0.4688 A/m
H Category: M2
Location: 0.5, 3.5, 4.7 mm