HAC_E_Dipole_835_110701

DUT: Dipole 835 MHz

Communication System: GSM850; Frequency: 835 MHz;Duty Cycle: 1:1
Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\varepsilon_r = 1$; $\rho = 1000$ kg/m^3
Ambient Temperature：22.5 ℃

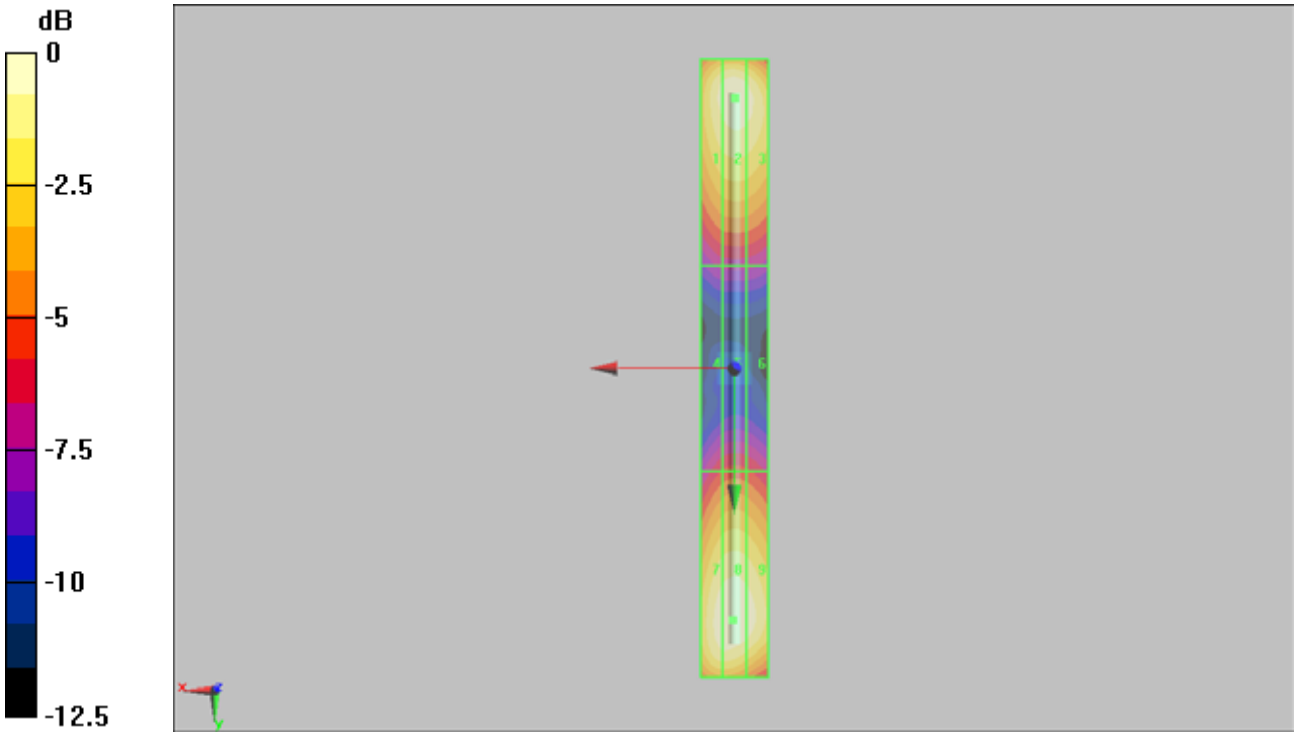
DASY5 Configuration:
- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2011/1/14
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

E Scan - measurement distance from the probe sensor center to CD835 Dipole = 10mm/Hearing Aid Compatibility Test (41x361x1): Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 168.8 V/m
Probe Modulation Factor = 1
Reference Value = 126.1 V/m; Power Drift = -0.029 dB
Average value of Total=(166.3+ 168.8) / 2 = 167.55 V/m

Peak E-field in V/m

Grid 1 **159.9 M4**	Grid 2 **166.3 M4**	Grid 3 **161.1 M4**
Grid 4 **87.7 M4**	Grid 5 **90.7 M4**	Grid 6 **88.5 M4**
Grid 7 **165.3 M4**	Grid 8 **168.8 M4**	Grid 9 **163.2 M4**

Cursor:
Total = 168.8 V/m
E Category: M4
Location: 0.5, 73.5, 4.7 mm



0 dB = 168.8V/m

HAC_H_Dipole_835_110701

DUT: HAC-Dipole 835 MHz

Communication System: CW; Frequency: 835 MHz;Duty Cycle: 1:1
Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\varepsilon_r = 1$; $\rho = 1$ kg/m^3
Ambient Temperature：22.5 ℃

DASY5 Configuration:
- Probe: H3DV6 - SN6184; ; Calibrated: 2011/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

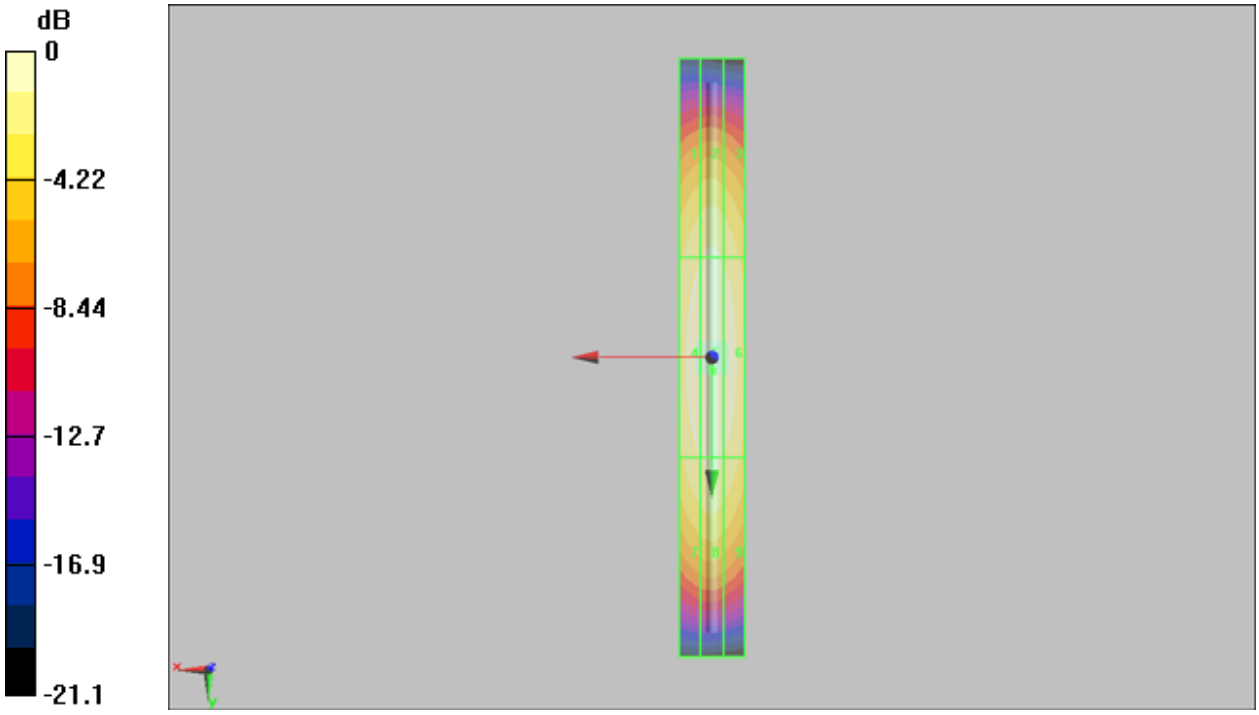
H Scan - measurement distance from the probe sensor center to CD835 Dipole = 10mm/Hearing Aid Compatibility Test (41x361x1):

Measurement grid: dx=5mm, dy=5mm
Probe Modulation Factor = 1
Reference Value = 0.511 A/m; Power Drift = -0.013 dB
Maximum value of peak Total field = 0.461 A/m

Peak H-field in A/m

Grid 1 **0.391 M4**	Grid 2 **0.406 M4**	Grid 3 **0.388 M4**
Grid 4 **0.442 M4**	Grid 5 **0.461 M4**	Grid 6 **0.440 M4**
Grid 7 **0.396 M4**	Grid 8 **0.413 M4**	Grid 9 **0.393 M4**

Cursor:
Total = 0.461 A/m
H Category: M4
Location: 0, 4, 5.2 mm



0 dB = 0.461A/m

HAC_E_Dipole_1880_110701

DUT: HAC Dipole 1880 MHz

Communication System: GSM850; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\varepsilon_r = 1$; $\rho = 1000$ kg/m^3
Ambient Temperature：22.4 ℃

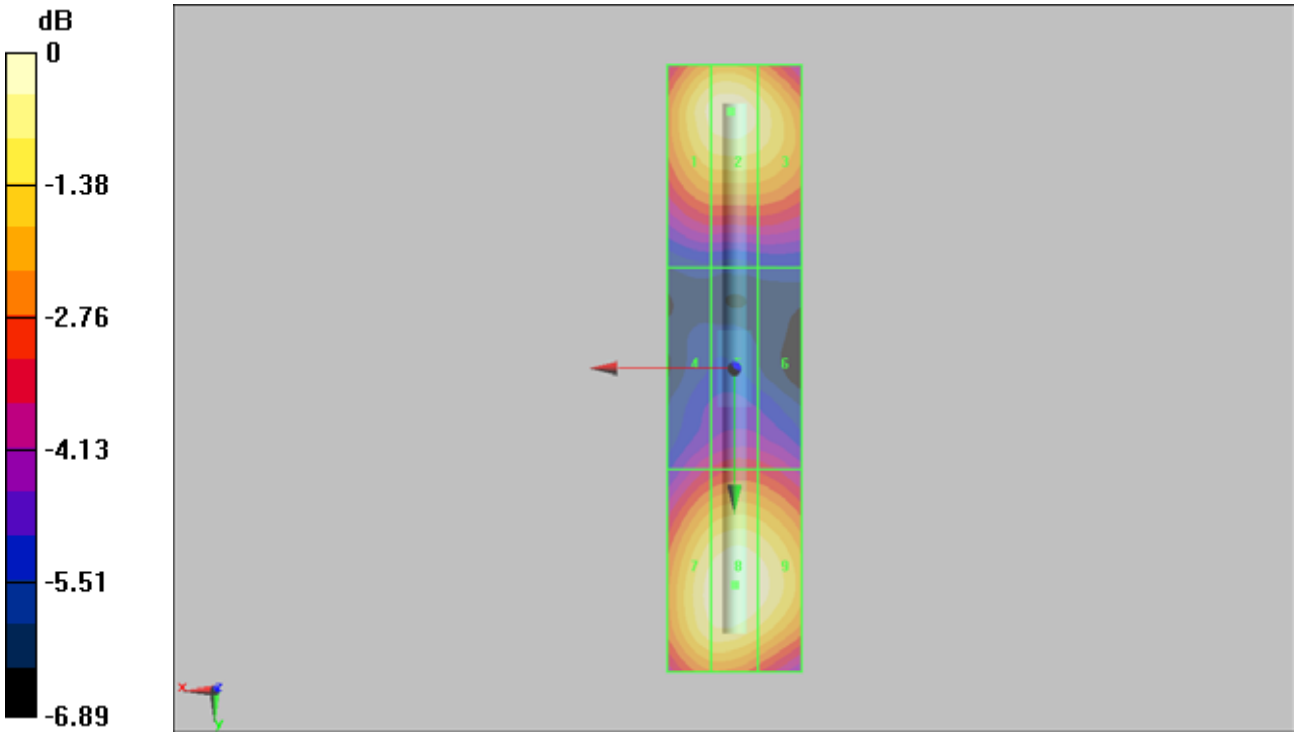
DASY5 Configuration:
- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2011/1/14
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

E Scan - measurement distance from the probe sensor center to CD1880 Dipole = 10mm/Hearing Aid Compatibility Test (41x181x1): Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 142.1 V/m
Probe Modulation Factor = 1
Reference Value = 144.3 V/m; Power Drift = -0.018 dB
Average value of Total=(140.3+ 142.1) / 2 = 141.2 V/m

Peak E-field in V/m

Grid 1 **137.3 M2**	Grid 2 **140.3 M2**	Grid 3 **134.1 M2**
Grid 4 **94.5 M3**	Grid 5 **98.5 M3**	Grid 6 **97.2 M3**
Grid 7 **138.5 M2**	Grid 8 **142.1 M2**	Grid 9 **138.7 M2**

Cursor:
Total = 142.1 V/m
E Category: M2
Location: 0, 32, 4.7 mm



0 dB = 142.1V/m

HAC_H_Dipole_1880_110701

DUT: HAC Dipole 1880 MHz

Communication System: CW; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\varepsilon_r = 1$; $\rho = 1$ kg/m^3
Ambient Temperature：22.4 ℃

DASY5 Configuration:
- Probe: H3DV6 - SN6184; ; Calibrated: 2011/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

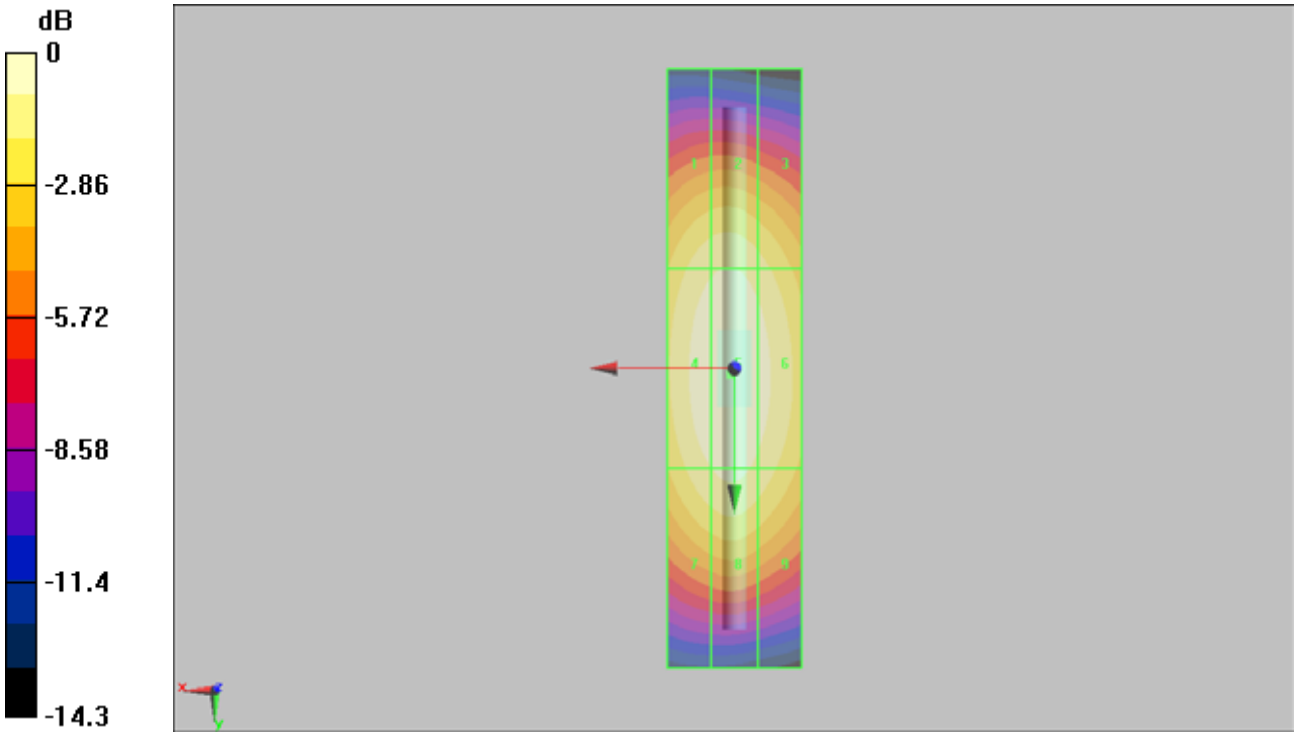
H Scan - measurement distance from the probe sensor center to CD1880 Dipole = 10mm/Hearing Aid Compatibility Test (41x181x1):

Measurement grid: dx=5mm, dy=5mm
Probe Modulation Factor = 1
Reference Value = 0.510 A/m; Power Drift = -0.00965 dB
Maximum value of peak Total field = 0.464 A/m

Peak H-field in A/m

Grid 1 **0.408 M2**	Grid 2 **0.417 M2**	Grid 3 **0.392 M2**
Grid 4 **0.452 M2**	Grid 5 **0.464 M2**	Grid 6 **0.438 M2**
Grid 7 **0.415 M2**	Grid 8 **0.429 M2**	Grid 9 **0.403 M2**

Cursor:
Total = 0.464 A/m
H Category: M2
Location: 0.5, 1, 5.2 mm



0 dB = 0.464A/m