HAC_E_Dipole_835_110513

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：22.4 ℃

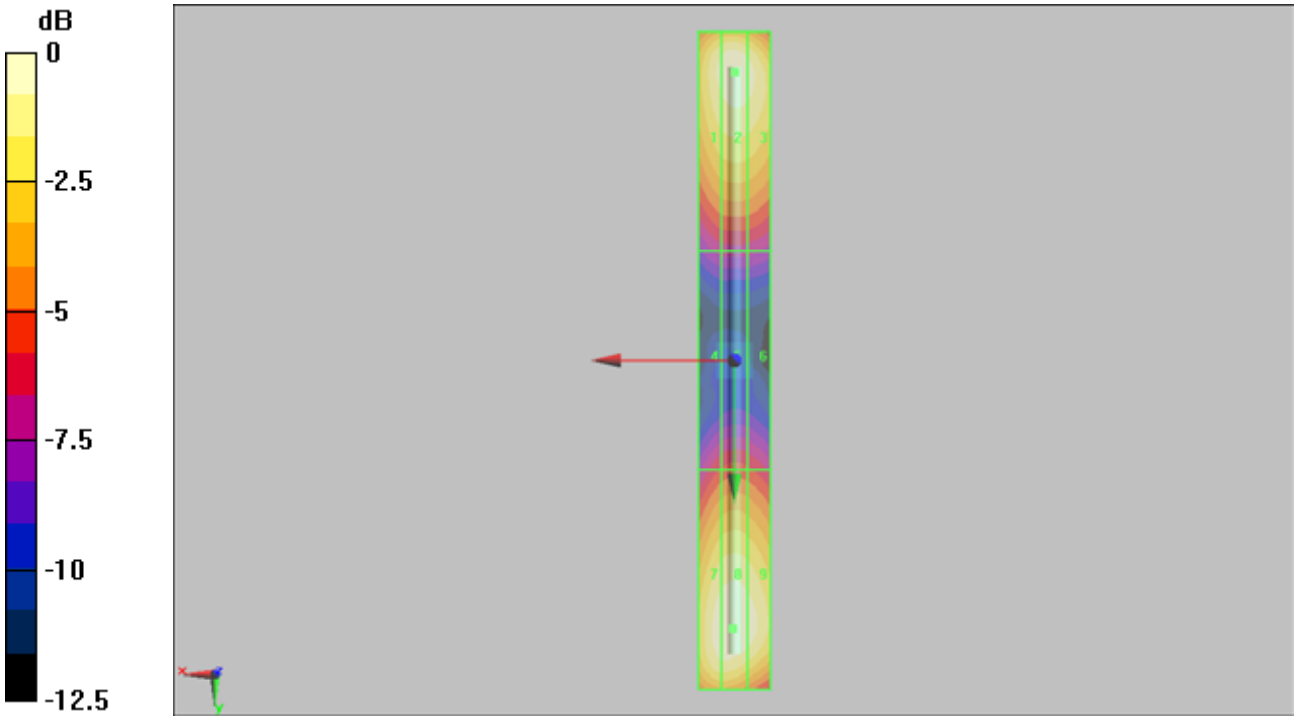
DASY5 Configuration:
- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2011/1/14
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

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 = 175.6 V/m
Probe Modulation Factor = 1
Reference Value = 131.5 V/m; Power Drift = -0.00926 dB
Average value of Total=(173.5+ 175.6) / 2 = 174.55 V/m

Peak E-field in V/m

Grid 1 **166.7 M4**	Grid 2 **173.5 M4**	Grid 3 **167.9 M4**
Grid 4 **91.7 M4**	Grid 5 **94.7 M4**	Grid 6 **92.4 M4**
Grid 7 **172.8 M4**	Grid 8 **175.6 M4**	Grid 9 **169.8 M4**

Cursor:
Total = 175.6 V/m
E Category: M4
Location: 0.5, 73.5, 4.7 mm



0 dB = 175.6V/m

HAC_E_Dipole_1880_110513

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 ℃

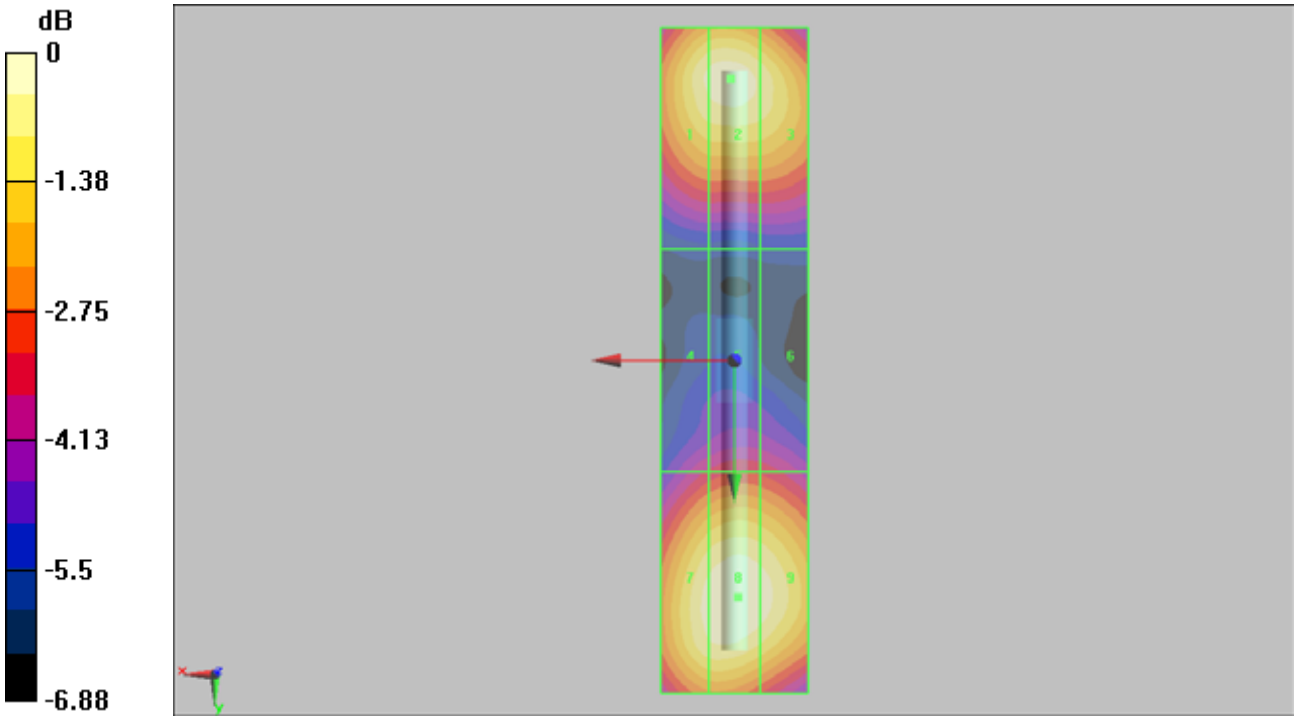
DASY5 Configuration:
- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2011/1/14
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

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 = 141.4 V/m
Probe Modulation Factor = 1
Reference Value = 143.5 V/m; Power Drift = -0.020 dB
Average value of Total=(138.8+ 141.4) / 2 = 140.1 V/m

Peak E-field in V/m

Grid 1 **136.0 M2**	Grid 2 **138.8 M2**	Grid 3 **132.8 M2**
Grid 4 **93.8 M3**	Grid 5 **97.9 M3**	Grid 6 **96.6 M3**
Grid 7 **137.5 M2**	Grid 8 **141.4 M2**	Grid 9 **138.0 M2**

Cursor:
Total = 141.4 V/m
E Category: M2
Location: -0.5, 32, 4.7 mm



0 dB = 141.4V/m

HAC_H_Dipole_835_110513

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: DAE4 Sn778; Calibrated: 2010/10/22
- 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

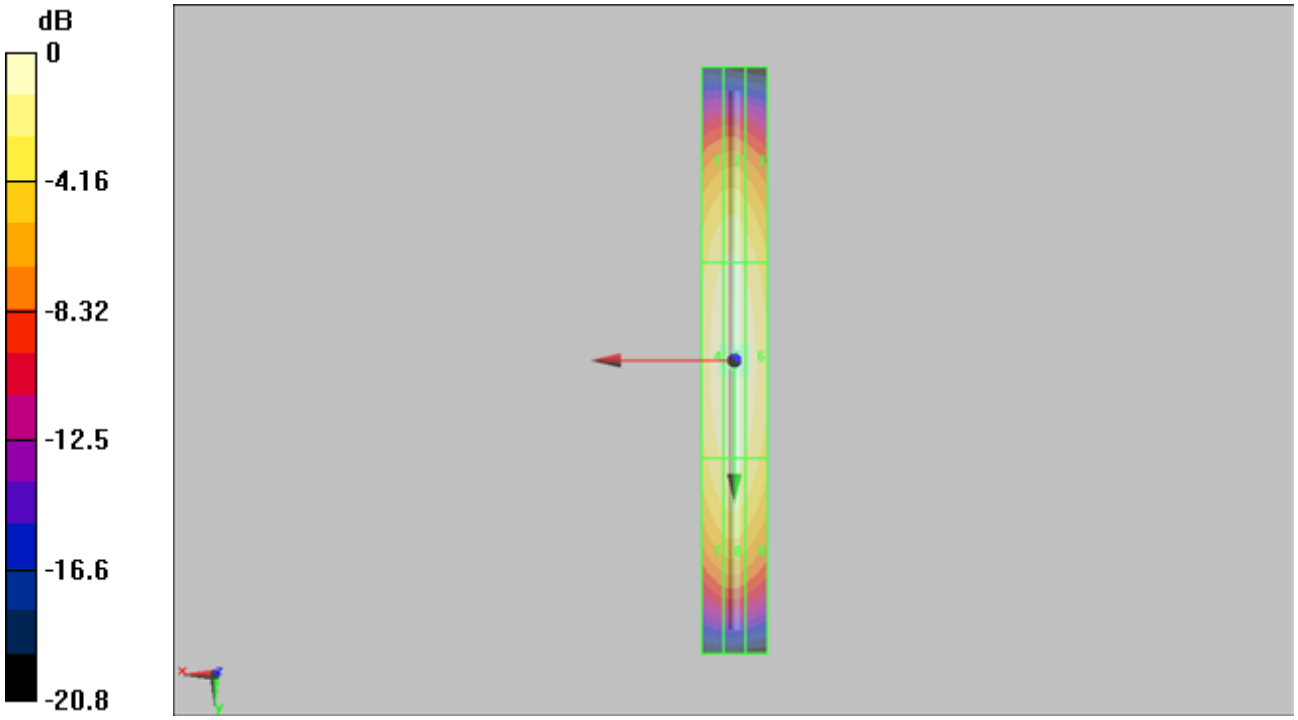
H Scan - measurement distance from the probe sensor center to CD835 Dipole = 10mm/Hearing Aid Compatibility Test (41x361x1): Measurement grid: dx=5mm, dy=5mm

Probe Modulation Factor = 1
Reference Value = 0.456 A/m; Power Drift = 0.024 dB
Maximum value of peak Total field = 0.412 A/m

Peak H-field in A/m

Grid 1 **0.352 M4**	Grid 2 **0.363 M4**	Grid 3 **0.338 M4**
Grid 4 **0.399 M4**	Grid 5 **0.412 M4**	Grid 6 **0.387 M4**
Grid 7 **0.357 M4**	Grid 8 **0.371 M4**	Grid 9 **0.346 M4**

Cursor:
Total = 0.412 A/m
H Category: M4
Location: 0.5, 1.5, 5.2 mm



0 dB = 0.412A/m

HAC_H_Dipole_1880_110513

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：22.5 ℃

DASY5 Configuration:
- Probe: H3DV6 - SN6184; ; Calibrated: 2011/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- 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

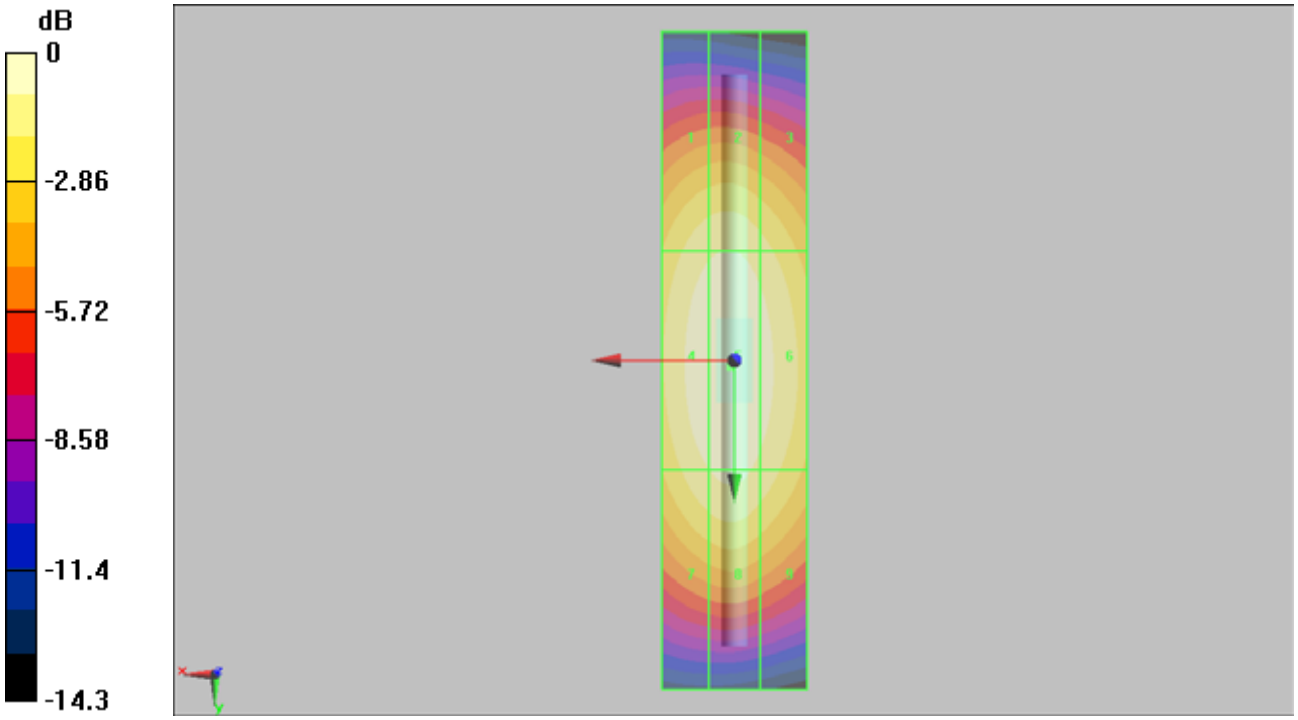
H Scan - measurement distance from the probe sensor center to CD1880 Dipole = 10mm/Hearing Aid Compatibility Test (41x181x1): Measurement grid: dx=5mm, dy=5mm

Probe Modulation Factor = 1
Reference Value = 0.487 A/m; Power Drift = 0.00213 dB
Maximum value of peak Total field = 0.444 A/m

Peak H-field in A/m

Grid 1 **0.390 M2**	Grid 2 **0.399 M2**	Grid 3 **0.375 M2**
Grid 4 **0.433 M2**	Grid 5 **0.444 M2**	Grid 6 **0.418 M2**
Grid 7 **0.397 M2**	Grid 8 **0.411 M2**	Grid 9 **0.386 M2**

Cursor:
Total = 0.444 A/m
H Category: M2
Location: 0.5, 1, 5.2 mm



0 dB = 0.444A/m