HAC_E_Dipole_835_100703

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: 2010/1/22
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial
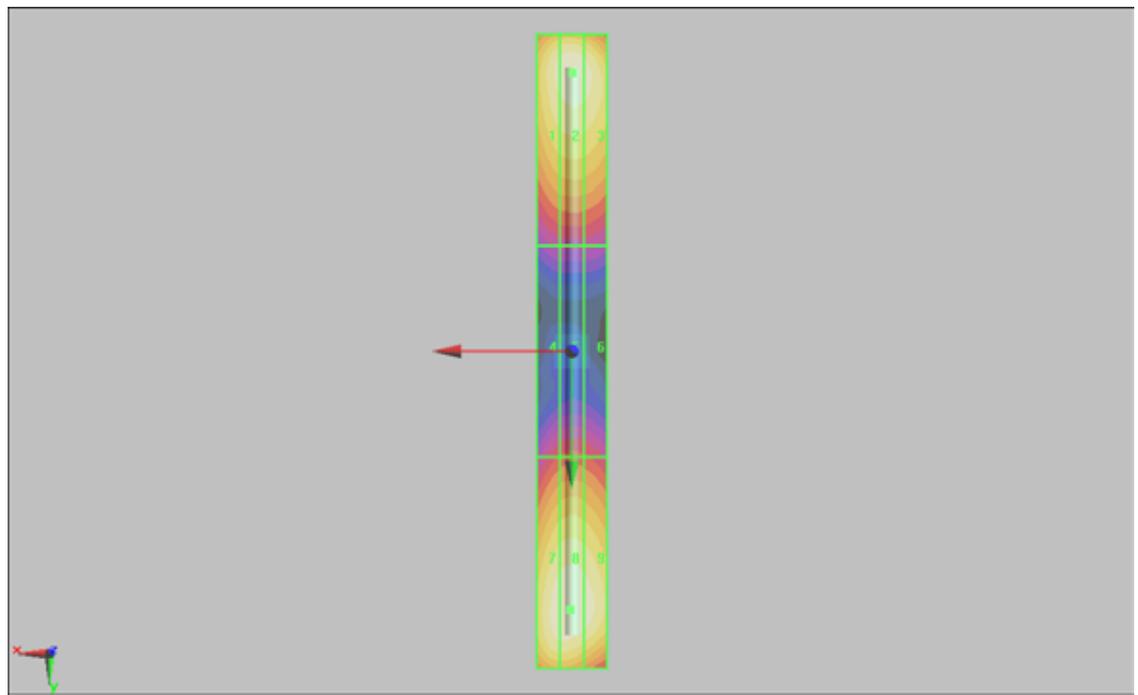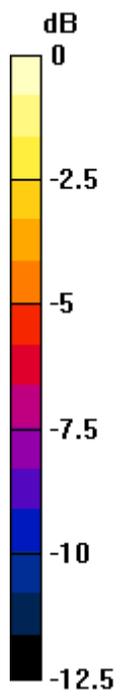- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

E Scan - measurement distance from the probe sensor center to CD835 Dipole = 10mm/Hearing Aid Compatibility Test (41x361x1): Measurement grid: dx=5mm, dy=5mm
Probe Modulation Factor = 1
Reference Value = 126.2 V/m; Power Drift = 0.00822 dB
Average Value of Total = (166.7 + 168.9) / 2 = 167.8 V/m

Grid 1	Grid 2	Grid 3
160.0 M4	**166.7 M4**	**161.6 M4**
Grid 4	Grid 5	Grid 6
87.7 M4	**90.7 M4**	**88.6 M4**
Grid 7	Grid 8	Grid 9
165.9 M4	**168.9 M4**	**163.5 M4**

0 dB = 168.9V/m

HAC_E_Dipole_1880_100703

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: 2010/1/22
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
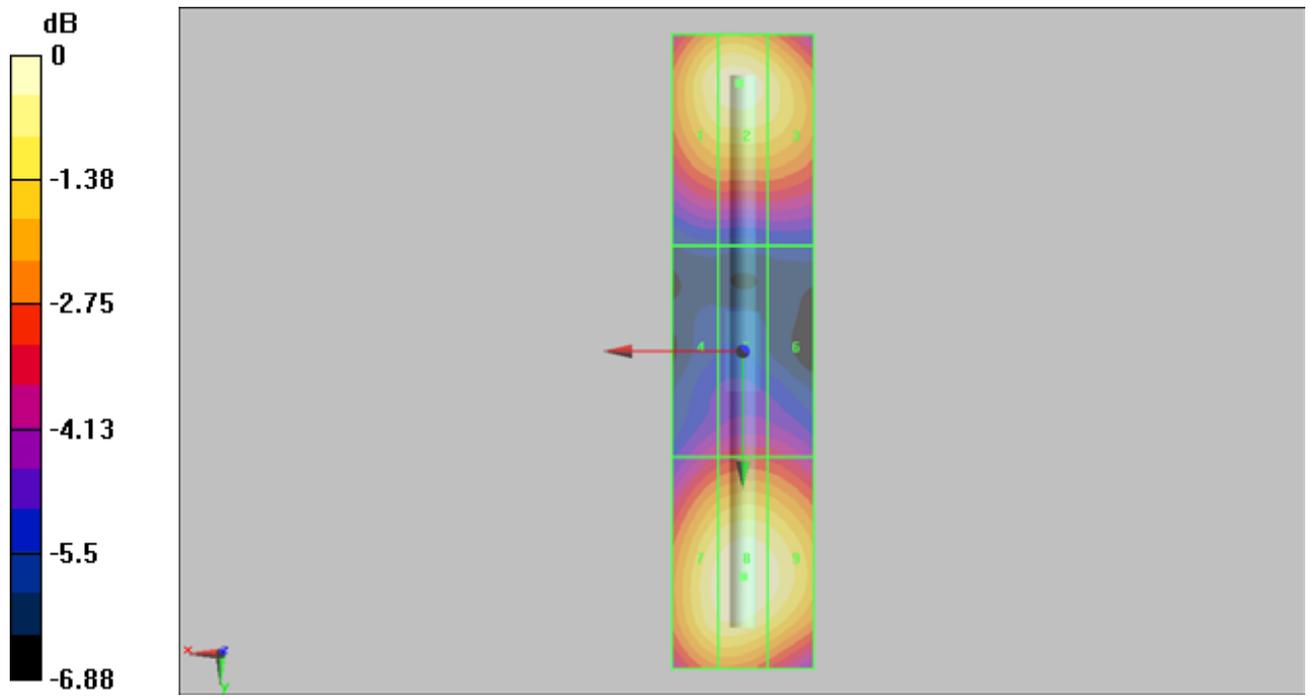- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

E Scan - measurement distance from the probe sensor center to CD1880 Dipole = 10mm/Hearing Aid Compatibility Test (41x181x1): Measurement grid: dx=5mm, dy=5mm
Probe Modulation Factor = 1
Reference Value = 139.7 V/m; Power Drift = -0.029 dB
Average Value of Total = (135 + 137.5) / 2 = 136.25 V/m

Grid 1	Grid 2	Grid 3
132.3 M2	**135.0 M2**	**129.0 M2**
Grid 4	Grid 5	Grid 6
91.2 M3	**95.1 M3**	**93.9 M3**
Grid 7	Grid 8	Grid 9
133.7 M2	**137.5 M2**	**134.2 M2**

0 dB = 137.5V/m

HAC_H_Dipole_835_100703

DUT: HAC-Dipole 835 MHz

Communication System: CW; Frequency: 835 MHz;Duty Cycle: 1:1

Medium: Air Medium parameters used: σ = 0 mho/m, ε_r = 1; ρ = 1 kg/m^3

Ambient Temperature　22.4

DASY5 Configuration:
- Probe: H3DV6 - SN6184; ; Calibrated: 2010/1/22
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
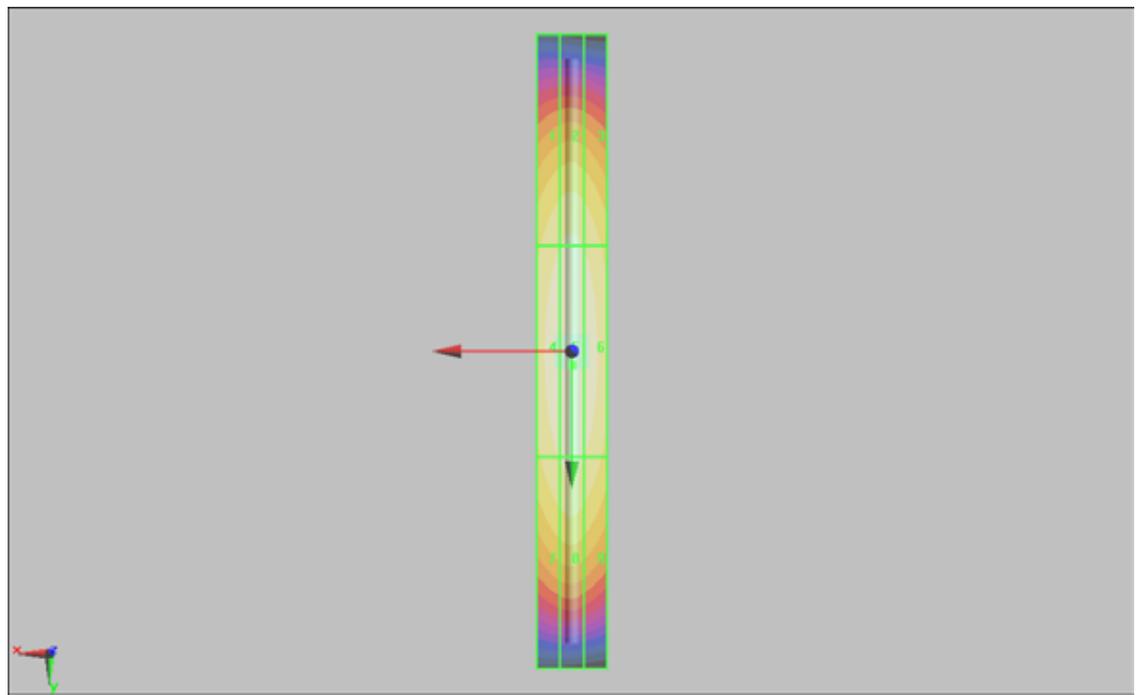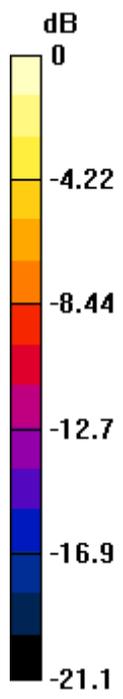- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

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 = 0.515 A/m; Power Drift = -2.04e-005 dB

Maximum Value of Total = 0.465 A/m

Grid 1	Grid 2	Grid 3
0.393 M4	**0.409 M4**	**0.391 M4**
Grid 4	Grid 5	Grid 6
0.445 M4	**0.465 M4**	**0.443 M4**
Grid 7	Grid 8	Grid 9
0.399 M4	**0.416 M4**	**0.395 M4**

0 dB = 0.465A/m

HAC_H_Dipole_1880_100703

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: 2010/1/22
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
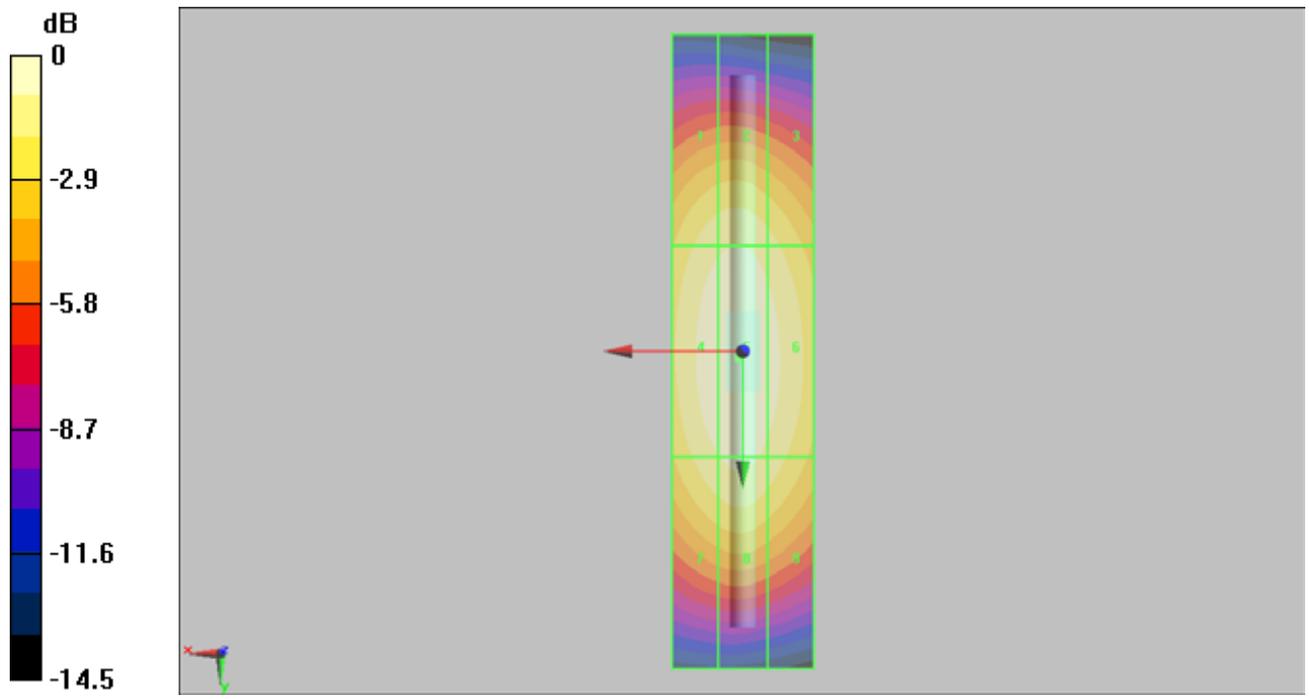- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

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 = 0.512 A/m; Power Drift = -0.00194 dB
Maximum Value of Total = 0.466 A/m

Grid 1	Grid 2	Grid 3
0.407 M2	**0.417 M2**	**0.391 M2**
Grid 4	Grid 5	Grid 6
0.452 M2	**0.466 M2**	**0.438 M2**
Grid 7	Grid 8	Grid 9
0.415 M2	**0.430 M2**	**0.403 M2**

0 dB = 0.466A/m