HAC_E_Dipole_835_20100311

DUT: Dipole 835 MHz

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

DASY4 Configuration:
- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2010/1/22
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

E Scan - measurement distance from the probe sensor center to CD835 Dipole = 10mm/Hearing Aid Compatibility Test (41x361x1): Measurement grid: dx=5mm, dy=5mm
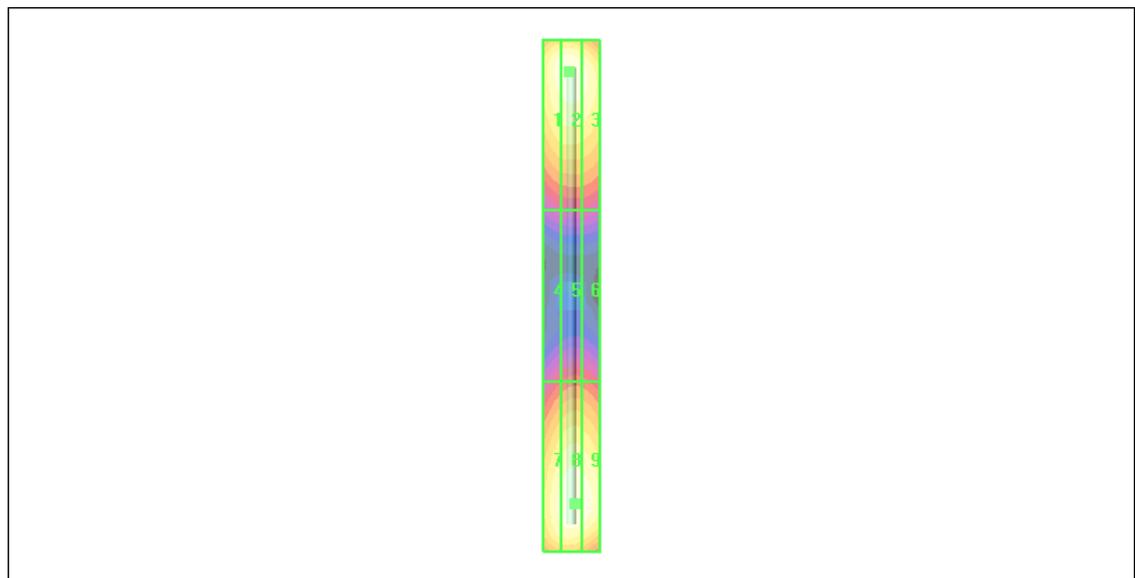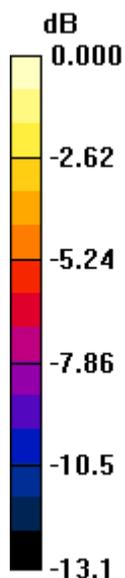Maximum value of peak Total field = 178.5 V/m
Probe Modulation Factor = 1.00
Reference Value = 131.8 V/m; Power Drift = -0.010 dB
Average Xclue of Total'≒'(176.3 + 178.5) / 2 = 177.4 V/m

Grid 1	Grid 2	Grid 3
171.7 M4	**176.3 M4**	**169.9 M4**
Grid 4	Grid 5	Grid 6
87.9 M4	**93.5 M4**	**92.3 M4**
Grid 7	Grid 8	Grid 9
168.6 M4	**178.5 M4**	**175.2 M4**

0 dB = 178.5V/m

HAC_E_Dipole_1880_20100311

DUT: HAC Dipole 1880 MHz

Communication System: CW; Frequency: 1880 MHz;Duty Cycle: 1:1

Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\varepsilon_r = 1$; $\rho = 1000$ kg/m^3

Ambient Temperature：22.5 ℃

DASY4 Configuration:
- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2010/1/22
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

E Scan - measurement distance from the probe sensor center to CD1880 Dipole = 10mm/Hearing Aid Compatibility Test (41x181x1): Measurement grid: dx=5mm, dy=5mm
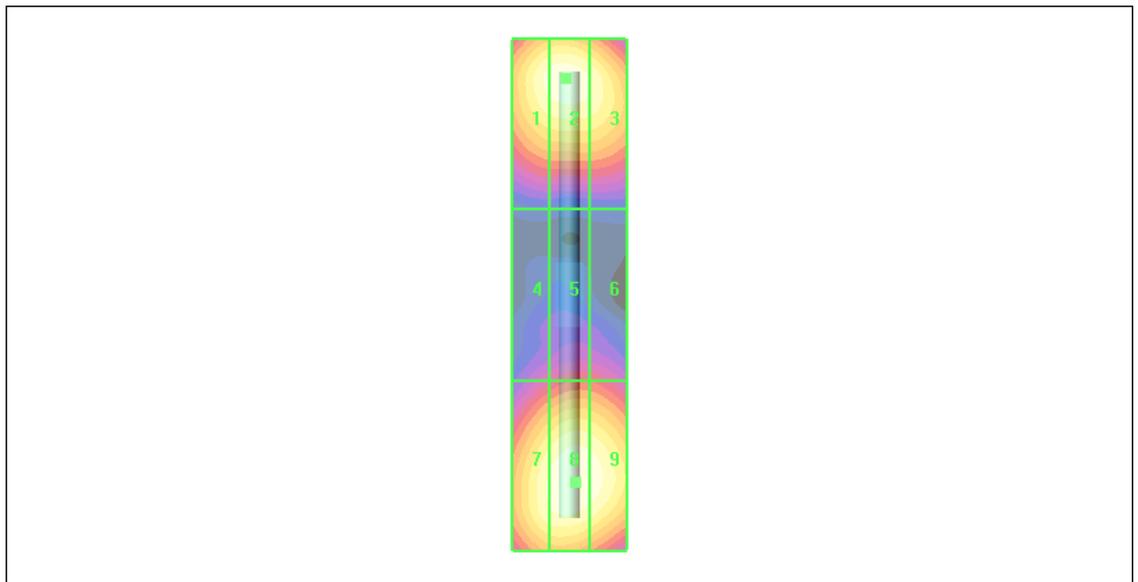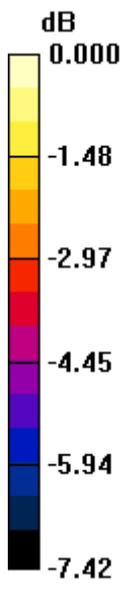
Maximum value of peak Total field = 143.9 V/m

Probe Modulation Factor = 1.00

Reference Value = 148.8 V/m; Power Drift = -0.019 dB

Average Xclue of Total'≒'(142.6 + 143.9) / 2 =143.25 V/m

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
139.3 M2	**142.6 M2**	**136.8 M2**
Grid 4	Grid 5	Grid 6
90.5 M3	**96.6 M3**	**96.0 M3**
Grid 7	Grid 8	Grid 9
138.0 M2	**143.9 M2**	**141.6 M2**

0 dB = 143.9V/m

HAC_H_Dipole_835_20100311

DUT: HAC-Dipole 835 MHz

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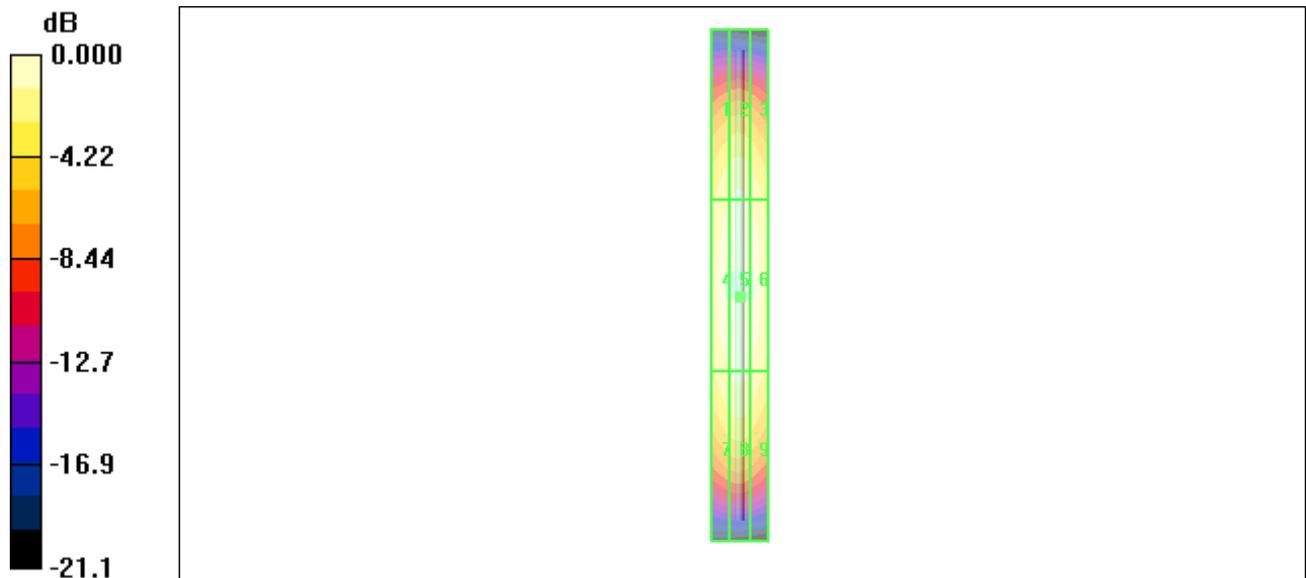Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\varepsilon_r = 1$; $\rho = 1$ kg/m^3
Ambient Temperature：22.5 ℃

DASY4 Configuration:
- Probe: H3DV6 - SN6184; ; Calibrated: 2010/1/22
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

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 = 1.00
Reference Value = 0.515 A/m; Power Drift = -0.022 dB
Maximum Value of Total = 0.464 A/m

Grid 1	Grid 2	Grid 3
0.396 M4	**0.409 M4**	**0.390 M4**
Grid 4	Grid 5	Grid 6
0.444 M4	**0.464 M4**	**0.443 M4**
Grid 7	Grid 8	Grid 9
0.398 M4	**0.416 M4**	**0.394 M4**

0 dB = 0.464A/m

HAC_H_Dipole_1880_20100311

DUT: HAC Dipole 1880 MHz

Communication System: CW; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: Air Medium parameters used: σ = 0 mho/m, ε_r = 1; ρ = 1 kg/m^3
Ambient Temperature：22.5 ℃

DASY4 Configuration:
- Probe: H3DV6 - SN6184; ; Calibrated: 2010/1/22
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186
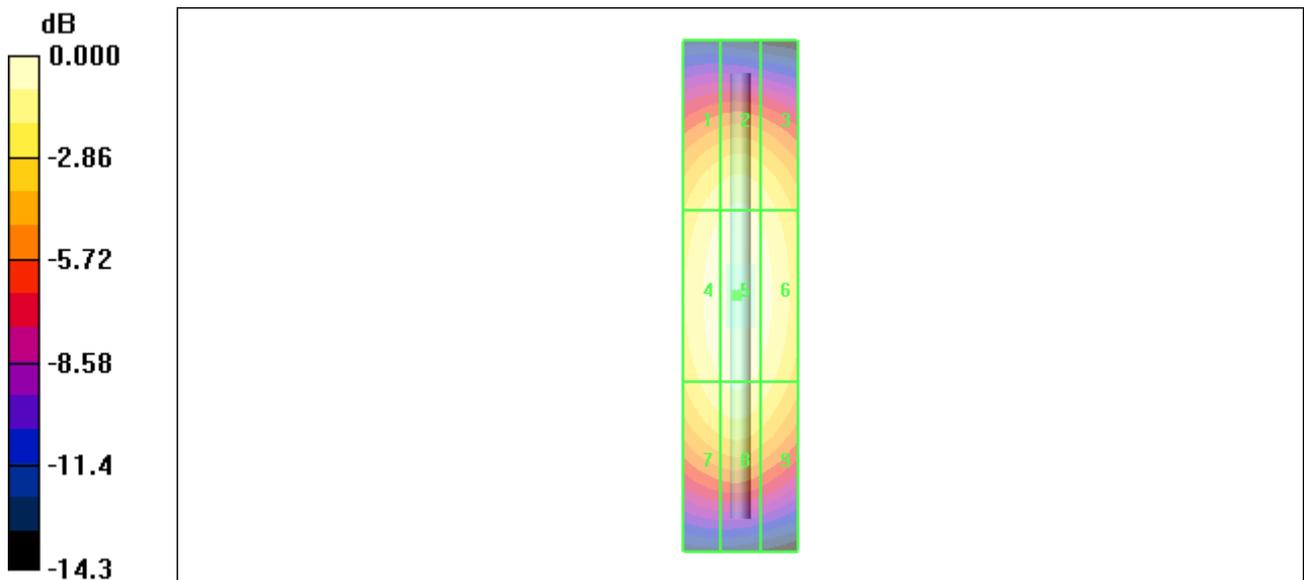
H Scan - measurement distance from the probe sensor center to CD1880 Dipole = 10mm/Hearing Aid Compatibility Test (41x181x1): Measurement grid: dx=5mm, dy=5mm

Probe Modulation Factor = 1.00
Reference Value = 0.502 A/m; Power Drift = 0.011 dB
Maximum Value of Total = 0.454 A/m

Grid 1	Grid 2	Grid 3
0.401 M2	**0.417 M2**	**0.395 M2**
Grid 4	Grid 5	Grid 6
0.438 M2	**0.454 M2**	**0.432 M2**
Grid 7	Grid 8	Grid 9
0.403 M2	**0.418 M2**	**0.393 M2**

0 dB = 0.454A/m