HAC_E_Dipole_835_110830

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 ℃

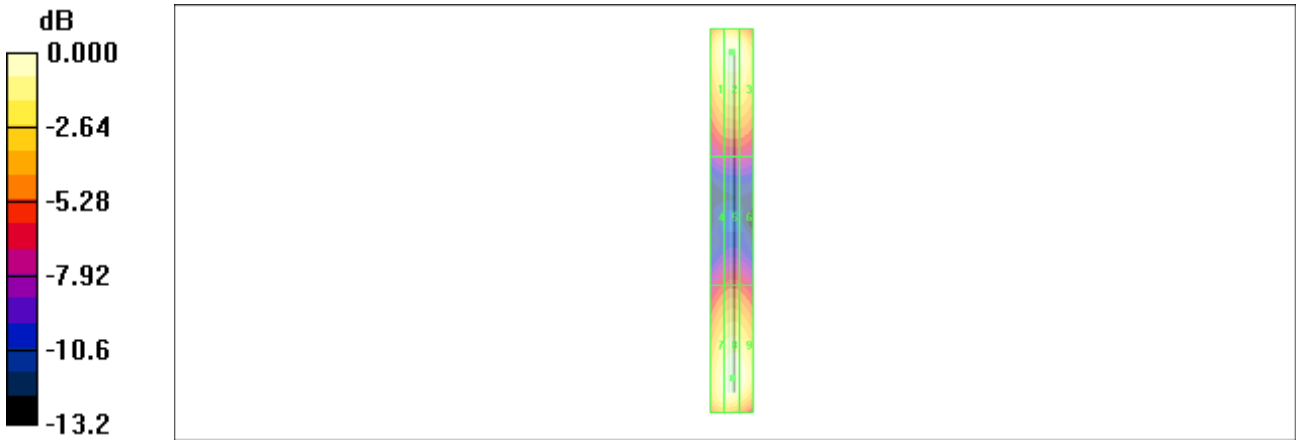
DASY4 Configuration:
- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2011/1/14
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 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 = 165.7 V/m
Probe Modulation Factor = 1.00
Reference Value = 121.0 V/m; Power Drift = 0.008 dB
Average value of Total=(165.3+ 165.7) / 2 = 165.5 V/m

Peak E-field in V/m

Grid 1 **159.8 M4**	Grid 2 **165.3 M4**	Grid 3 **158.3 M4**
Grid 4 **83.6 M4**	Grid 5 **87.3 M4**	Grid 6 **85.0 M4**
Grid 7 **158.1 M4**	Grid 8 **165.7 M4**	Grid 9 **162.5 M4**

Cursor:
Total = 165.7 V/m
E Category: M4
Location: -0.5, 73.5, 4.7 mm



0 dB = 165.7V/m

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2011/8/30

HAC_E_Dipole_1880_110830

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 ℃

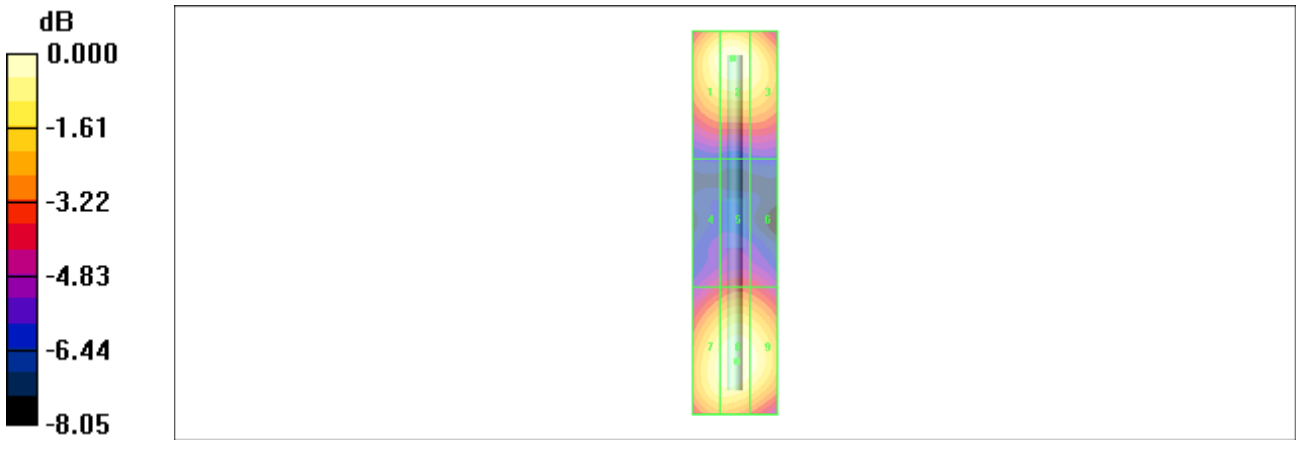
DASY4 Configuration:
- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2011/1/14
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 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 = 127.2 V/m
Probe Modulation Factor = 1.00
Reference Value = 129.3 V/m; Power Drift = 0.006 dB
Average value of Total=(127.2+ 127.1) / 2 = 127.15 V/m

Peak E-field in V/m

Grid 1 **123.4 M2**	Grid 2 **127.2 M2**	Grid 3 **121.0 M2**
Grid 4 **79.3 M3**	Grid 5 **84.5 M3**	Grid 6 **82.8 M3**
Grid 7 **122.9 M2**	Grid 8 **127.1 M2**	Grid 9 **124.1 M2**

Cursor:
Total = 127.2 V/m
E Category: M2
Location: 0.5, -38.5, 4.7 mm



0 dB = 127.2V/m

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2011/8/30

HAC_H_Dipole_835_110830

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 ℃

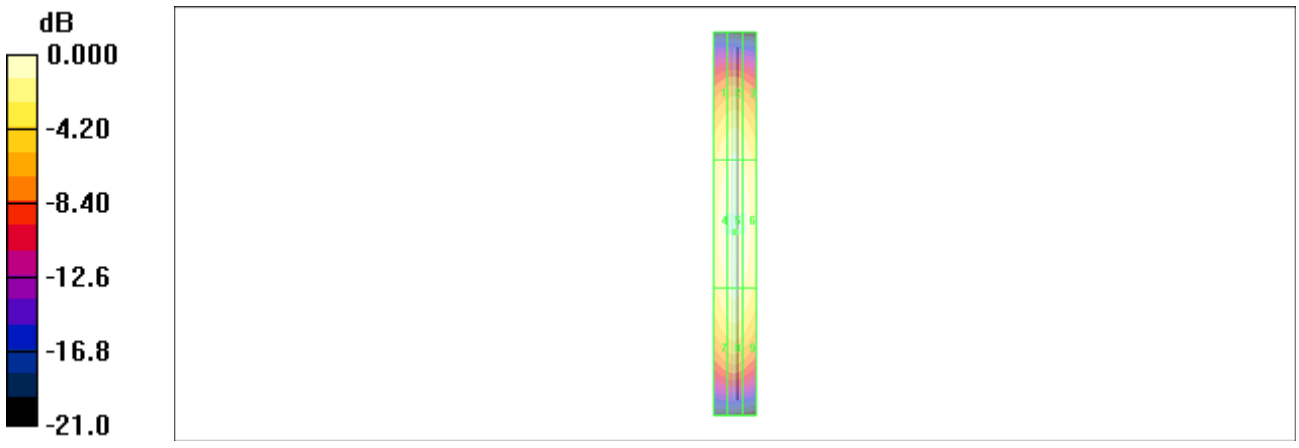
DASY4 Configuration:
- Probe: H3DV6 - SN6184; ; Calibrated: 2011/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

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 = 0.518 A/m; Power Drift = 0.023 dB
Maximum value of peak Total field = 0.468 A/m

Peak H-field in A/m

Grid 1 **0.396 M4**	Grid 2 **0.412 M4**	Grid 3 **0.394 M4**
Grid 4 **0.448 M4**	Grid 5 **0.468 M4**	Grid 6 **0.446 M4**
Grid 7 **0.402 M4**	Grid 8 **0.419 M4**	Grid 9 **0.398 M4**

Cursor:
Total = 0.468 A/m
H Category: M4
Location: 0, 4, 5.2 mm



0 dB = 0.468A/m

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2011/8/30

HAC_H_Dipole_1880_110830

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 ℃

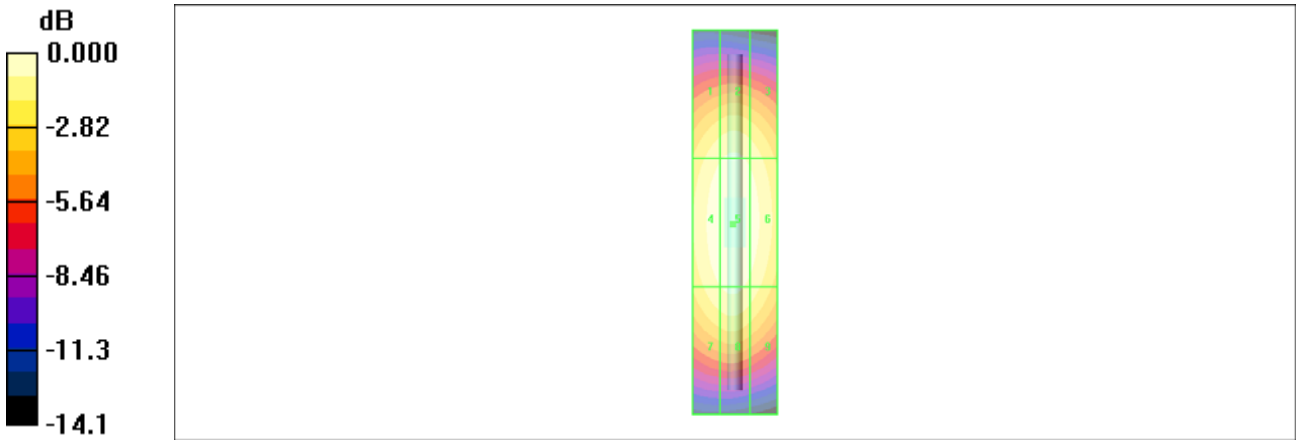
DASY4 Configuration:
- Probe: H3DV6 - SN6184; ; Calibrated: 2011/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

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 = 0.542 A/m; Power Drift = 0.013 dB
Maximum value of peak Total field = 0.490 A/m

Peak H-field in A/m

Grid 1 **0.434 M2**	Grid 2 **0.450 M2**	Grid 3 **0.429 M2**
Grid 4 **0.474 M2**	Grid 5 **0.490 M2**	Grid 6 **0.467 M2**
Grid 7 **0.438 M2**	Grid 8 **0.453 M2**	Grid 9 **0.426 M2**

Cursor:
Total = 0.490 A/m
H Category: M2
Location: 0.5, 0.5, 5.2 mm



0 dB = 0.490A/m