Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2011/8/10

HAC_E_Dipole_835_110810

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：22.4 ℃

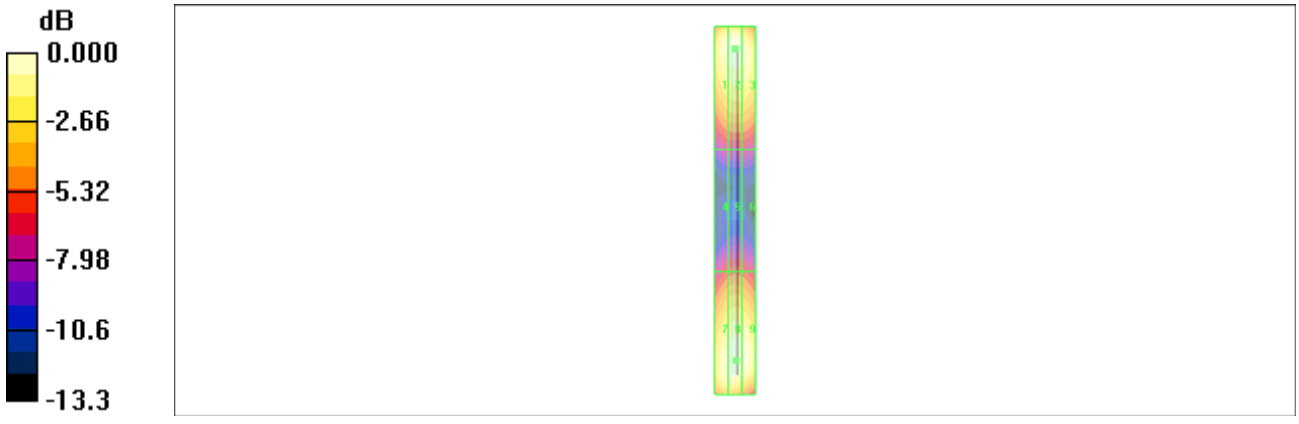
DASY4 Configuration:
- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2011/1/14
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

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 = 167.9 V/m
Probe Modulation Factor = 1.00
Reference Value = 122.8 V/m; Power Drift = -0.019 dB
Average value of Total=(167.8+ 167.9) / 2 = 167.85 V/m

Peak E-field in V/m

Grid 1 **162.1 M4**	Grid 2 **167.8 M4**	Grid 3 **160.5 M4**
Grid 4 **84.8 M4**	Grid 5 **88.5 M4**	Grid 6 **86.2 M4**
Grid 7 **160.0 M4**	Grid 8 **167.9 M4**	Grid 9 **164.7 M4**

Cursor:
Total = 167.9 V/m
E Category: M4
Location: -0.5, 73.5, 4.7 mm



0 dB = 167.9V/m

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2011/8/10

HAC_E_Dipole_1880_110810

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 ℃

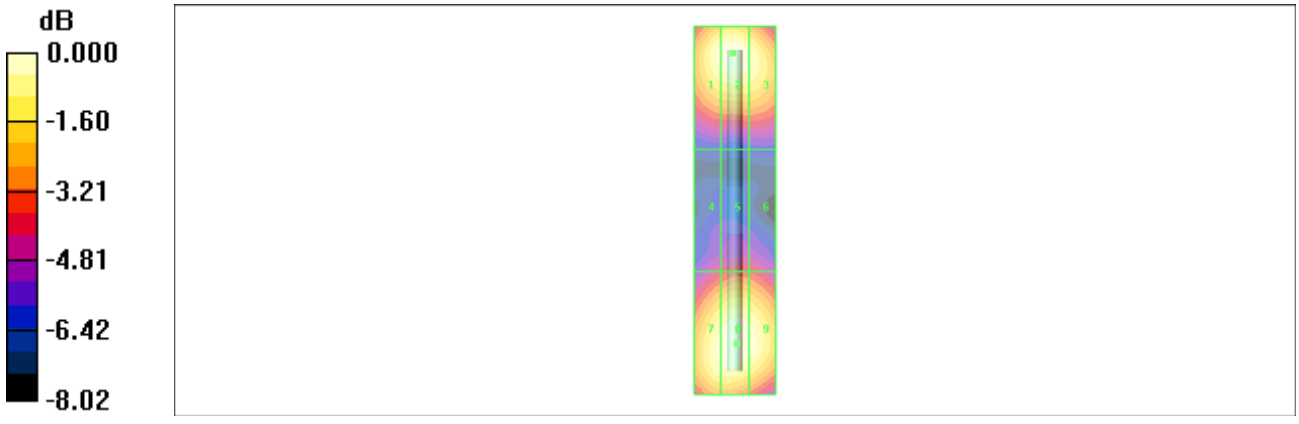
DASY4 Configuration:
- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2011/1/14
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 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 = 130.2 V/m
Probe Modulation Factor = 1.00
Reference Value = 132.2 V/m; Power Drift = 0.005 dB
Average value of Total=(130.2+ 130.1) / 2 = 130.15 V/m

Peak E-field in V/m

Grid 1 **126.4 M2**	Grid 2 **130.2 M2**	Grid 3 **123.9 M2**
Grid 4 **81.2 M3**	Grid 5 **86.4 M3**	Grid 6 **84.7 M3**
Grid 7 **125.7 M2**	Grid 8 **130.1 M2**	Grid 9 **127.0 M2**

Cursor:
Total = 130.2 V/m
E Category: M2
Location: 0.5, -38.5, 4.7 mm



0 dB = 130.2V/m

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2011/8/10

HAC_H_Dipole_835_110810

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：22.4 ℃

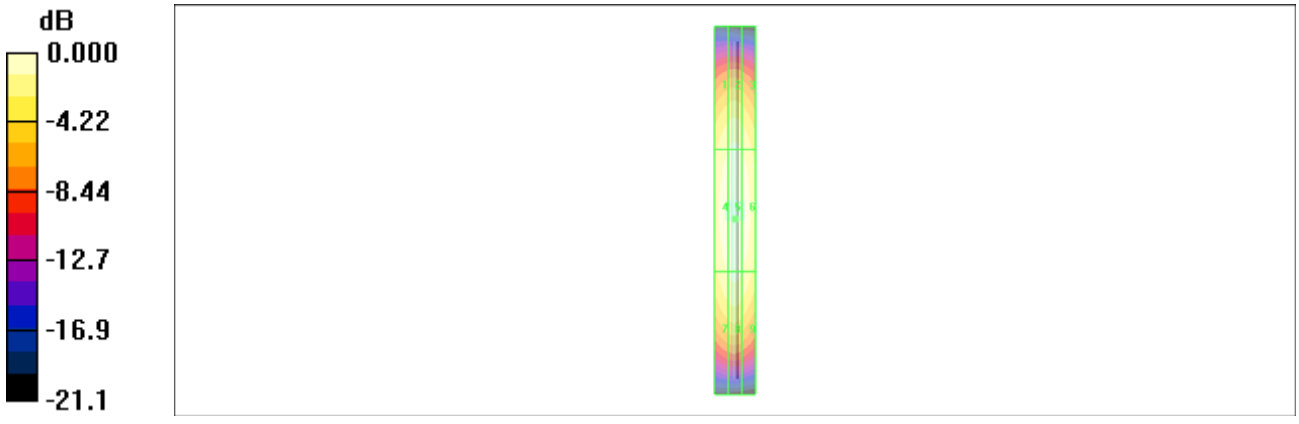
DASY4 Configuration:
- Probe: H3DV6 - SN6184; ; Calibrated: 2011/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

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 = 0.511 A/m; Power Drift = -0.008 dB
Maximum value of peak Total field = 0.462 A/m

Peak H-field in A/m

Grid 1 **0.391 M4**	Grid 2 **0.407 M4**	Grid 3 **0.388 M4**
Grid 4 **0.442 M4**	Grid 5 **0.462 M4**	Grid 6 **0.440 M4**
Grid 7 **0.396 M4**	Grid 8 **0.414 M4**	Grid 9 **0.393 M4**

Cursor:
Total = 0.462 A/m
H Category: M4
Location: 0, 4, 5.2 mm



0 dB = 0.462A/m

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2011/8/10

HAC_H_Dipole_1880_110810

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 ℃

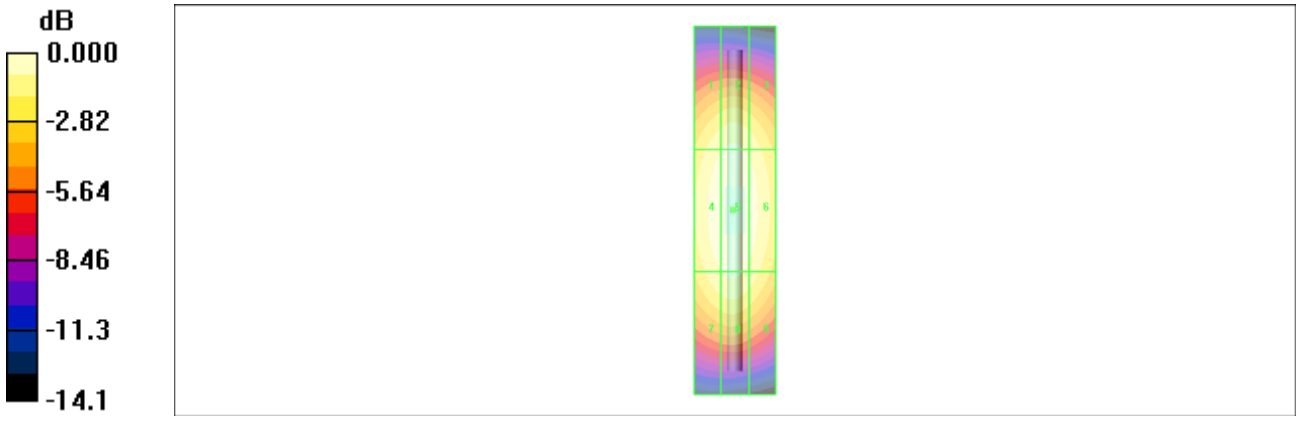
DASY4 Configuration:
- Probe: H3DV6 - SN6184; ; Calibrated: 2011/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

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 = 0.495 A/m; Power Drift = 0.011 dB
Maximum value of peak Total field = 0.449 A/m

Peak H-field in A/m

Grid 1 **0.398 M2**	Grid 2 **0.413 M2**	Grid 3 **0.392 M2**
Grid 4 **0.434 M2**	Grid 5 **0.449 M2**	Grid 6 **0.428 M2**
Grid 7 **0.400 M2**	Grid 8 **0.414 M2**	Grid 9 **0.390 M2**

Cursor:
Total = 0.449 A/m
H Category: M2
Location: 0.5, 0, 5.2 mm



0 dB = 0.449A/m