Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2011/10/7

HAC_E_Dipole_835_111007

DUT: HAC Dipole 835 MHz

Communication System: CW; Frequency: 835 MHz;Duty Cycle: 1:1
Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\varepsilon_r = 1$; $\rho = 1000$ kg/m^3
Ambient Temperature：22.6 ℃

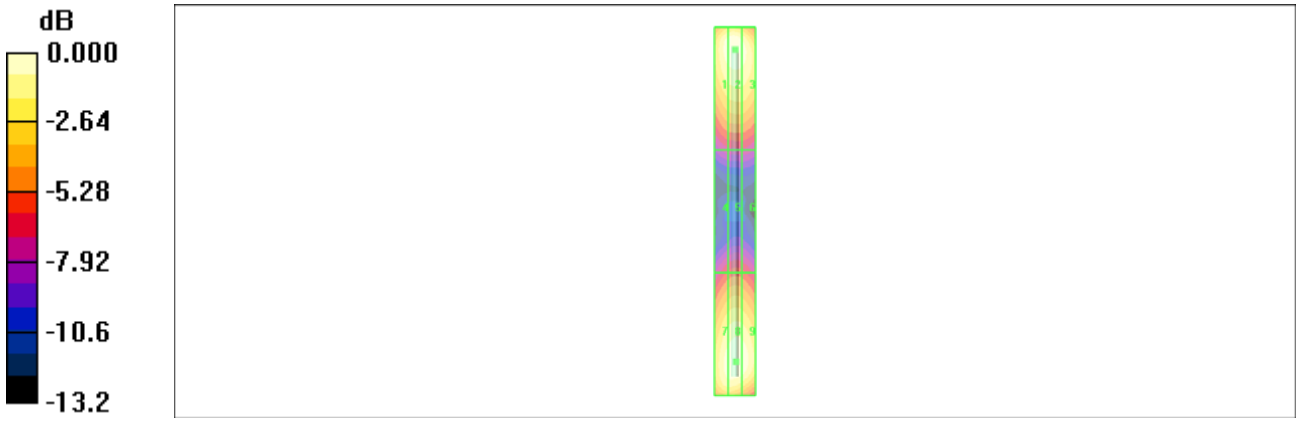
DASY4 Configuration:
- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2011/1/14
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn905; Calibrated: 2011/6/24
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

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 = 180.4 V/m
Probe Modulation Factor = 1.00
Reference Value = 132.0 V/m; Power Drift = -0.005 dB
Average value of Total=(180.4+ 179.8) / 2 = 180.1 V/m

Peak E-field in V/m

Grid 1 **174.9 M4**	Grid 2 **180.4 M4**	Grid 3 **172.6 M4**
Grid 4 **91.1 M4**	Grid 5 **95.1 M4**	Grid 6 **92.7 M4**
Grid 7 **172.3 M4**	Grid 8 **179.8 M4**	Grid 9 **176.4 M4**

Cursor:
Total = 180.4 V/m
E Category: M4
Location: 0, -79, 4.7 mm



0 dB = 180.4V/m

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2011/10/7

HAC_E_Dipole_1880_111007

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：22.6 ℃

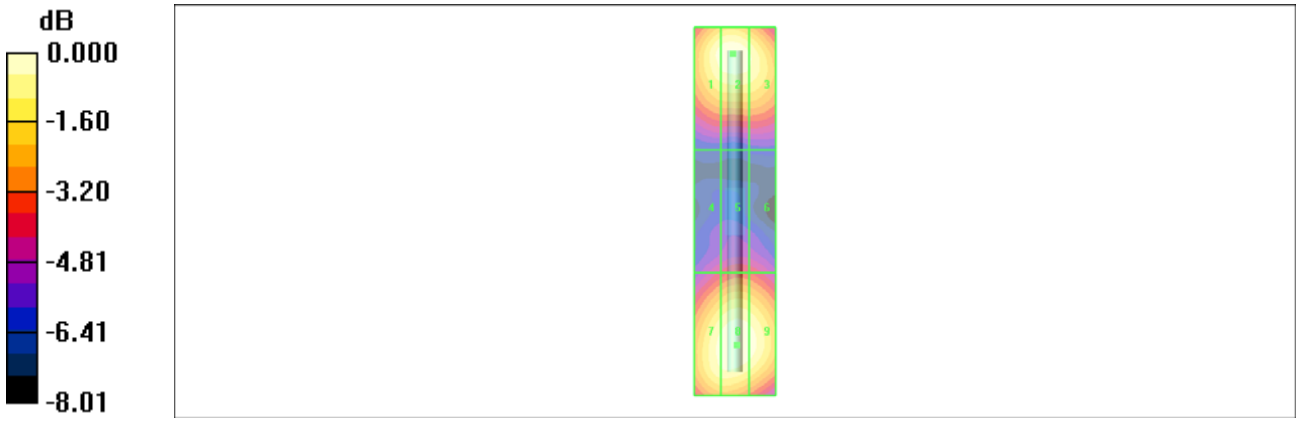
DASY4 Configuration:
- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2011/1/14
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn905; Calibrated: 2011/6/24
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

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 = 144.7 V/m
Probe Modulation Factor = 1.00
Reference Value = 147.5 V/m; Power Drift = -0.026 dB
Average value of Total=(144.6+ 144.7) / 2 = 144.65 V/m

Peak E-field in V/m

Grid 1 **140.6 M2**	Grid 2 **144.6 M2**	Grid 3 **137.6 M2**
Grid 4 **90.3 M3**	Grid 5 **96.3 M3**	Grid 6 **94.4 M3**
Grid 7 **139.9 M2**	Grid 8 **144.7 M2**	Grid 9 **141.3 M2**

Cursor:
Total = 144.7 V/m
E Category: M2
Location: -0.5, 32.5, 4.7 mm



0 dB = 144.7V/m

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2011/10/7

HAC_H_Dipole_835_111007

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：22.6 ℃

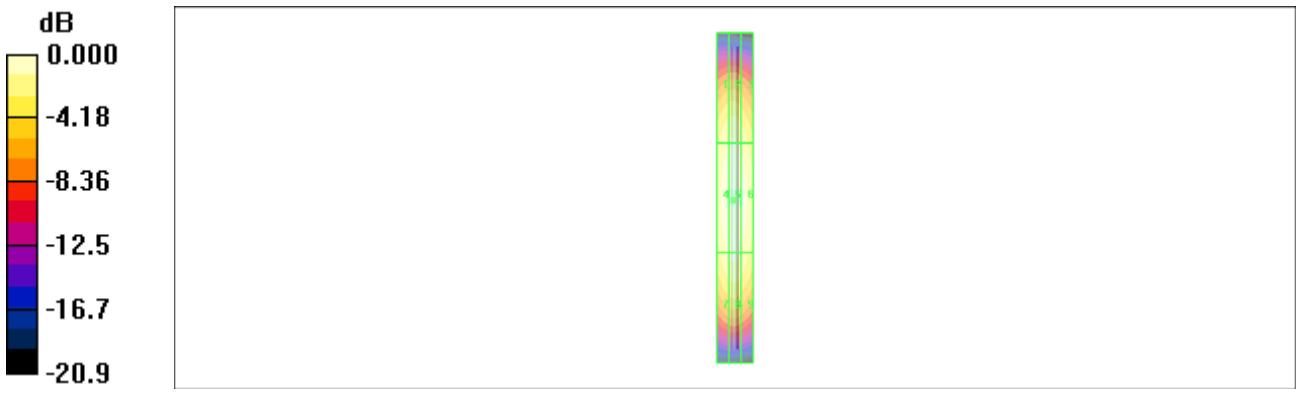
DASY4 Configuration:
- Probe: H3DV6 - SN6184; ; Calibrated: 2011/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn905; Calibrated: 2011/6/24
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

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 = 0.505 A/m; Power Drift = -0.023 dB
Maximum value of peak Total field = 0.456 A/m

Peak H-field in A/m

Grid 1 **0.389 M4**	Grid 2 **0.399 M4**	Grid 3 **0.373 M4**
Grid 4 **0.441 M4**	Grid 5 **0.456 M4**	Grid 6 **0.427 M4**
Grid 7 **0.394 M4**	Grid 8 **0.409 M4**	Grid 9 **0.381 M4**

Cursor:
Total = 0.456 A/m
H Category: M4
Location: 0.5, 1.5, 5.2 mm



0 dB = 0.456A/m

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2011/10/7

HAC_H_Dipole_1880_111007

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：22.6 ℃

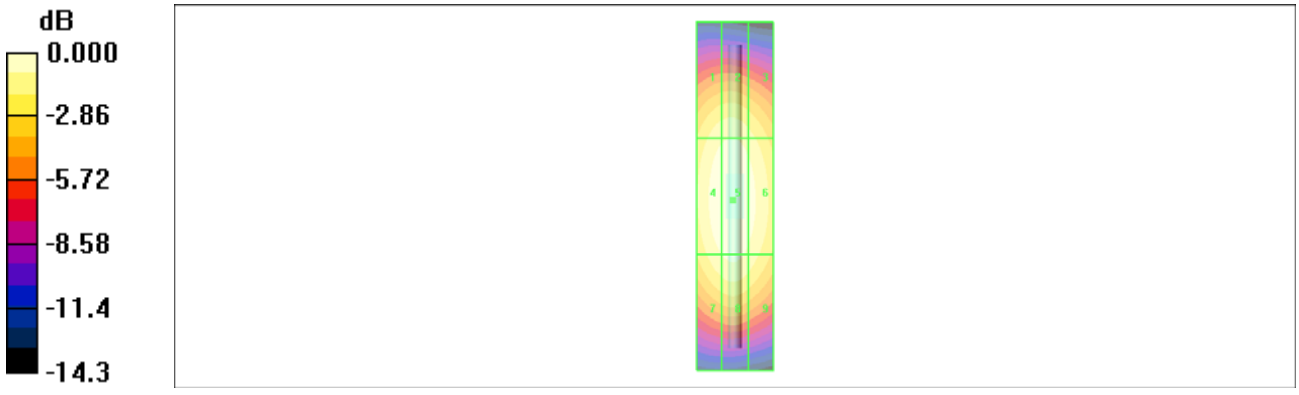
DASY4 Configuration:
- Probe: H3DV6 - SN6184; ; Calibrated: 2011/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn905; Calibrated: 2011/6/24
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

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 = 0.528 A/m; Power Drift = -0.008 dB
Maximum value of peak Total field = 0.481 A/m

Peak H-field in A/m

Grid 1 **0.423 M2**	Grid 2 **0.432 M2**	Grid 3 **0.406 M2**
Grid 4 **0.468 M2**	Grid 5 **0.481 M2**	Grid 6 **0.453 M2**
Grid 7 **0.430 M2**	Grid 8 **0.445 M2**	Grid 9 **0.418 M2**

Cursor:
Total = 0.481 A/m
H Category: M2
Location: 0.5, 1, 5.2 mm



0 dB = 0.481A/m