Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/1/4

HAC_E_Dipole_835_120104

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 ℃

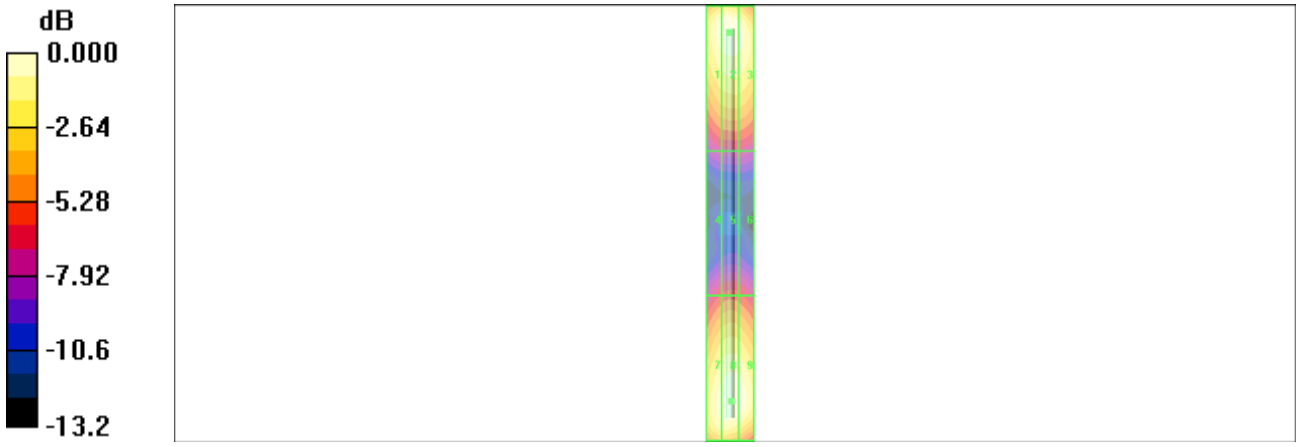
DASY4 Configuration:
- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2011/1/14
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 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 = 171.9 V/m
Probe Modulation Factor = 1.00
Reference Value = 126.0 V/m; Power Drift = -0.018 dB
Average value of Total=(171.9+171.6) / 2 = 171.8 V/m

Peak E-field in V/m

Grid 1 **166.6 M4**	Grid 2 **171.9 M4**	Grid 3 **164.7 M4**
Grid 4 **86.8 M4**	Grid 5 **90.6 M4**	Grid 6 **88.4 M4**
Grid 7 **164.2 M4**	Grid 8 **171.6 M4**	Grid 9 **168.4 M4**

Cursor:
Total = 171.9 V/m
E Category: M4
Location: 0, -79, 4.7 mm



0 dB = 171.9V/m

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/1/4

HAC_E_Dipole_1880_120104

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 ℃

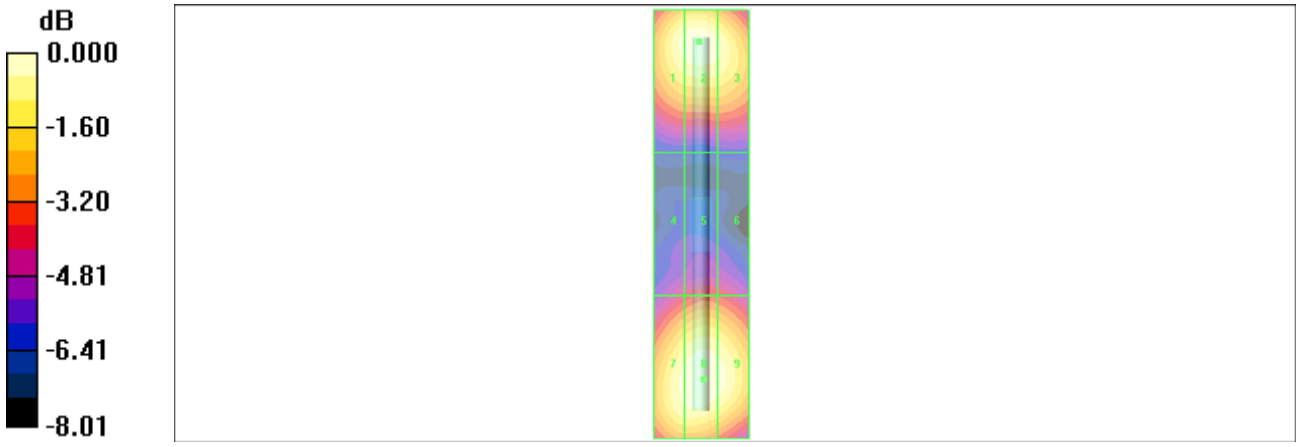
DASY4 Configuration:
- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2011/1/14
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 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 = 142.2 V/m
Probe Modulation Factor = 1.00
Reference Value = 144.8 V/m; Power Drift = -0.028 dB
Average value of Total=(142.2+142.2) / 2 = 142.2 V/m

Peak E-field in V/m

Grid 1 **138.1 M2**	Grid 2 **142.2 M2**	Grid 3 **135.3 M2**
Grid 4 **88.9 M3**	Grid 5 **94.6 M3**	Grid 6 **92.7 M3**
Grid 7 **137.4 M2**	Grid 8 **142.2 M2**	Grid 9 **138.8 M2**

Cursor:
Total = 142.2 V/m
E Category: M2
Location: 0.5, -38.5, 4.7 mm



0 dB = 142.2V/m

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/1/4

HAC_H_Dipole_835_120104

DUT: HAC-Dipole 835 MHz

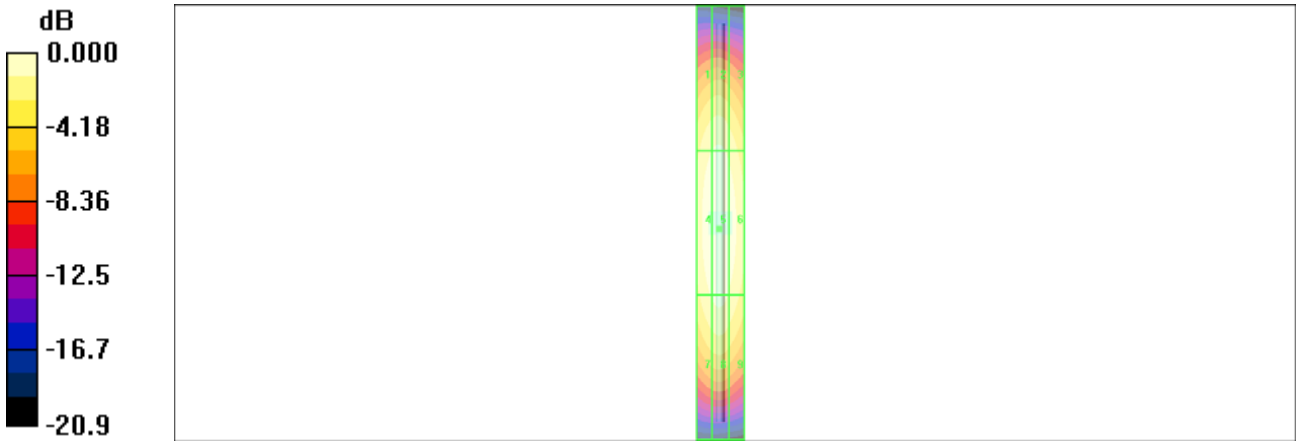
Communication System: CW; Frequency: 835 MHz;Duty Cycle: 1:1
Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\varepsilon_r = 1$; $\rho = 1$ kg/m^3
Ambient Temperature：22.5 ℃

DASY4 Configuration:
- Probe: H3DV6 - SN6184; ; Calibrated: 2011/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- 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 = 0.495 A/m; Power Drift = -0.006 dB
Maximum value of Total = 0.447 A/m

Peak H-field in A/m

Grid 1 **0.380 M4**	Grid 2 **0.391 M4**	Grid 3 **0.365 M4**
Grid 4 **0.432 M4**	Grid 5 **0.447 M4**	Grid 6 **0.418 M4**
Grid 7 **0.387 M4**	Grid 8 **0.401 M4**	Grid 9 **0.374 M4**



0 dB = 0.447A/m

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2012/1/4

HAC_H_Dipole_1880_120104

DUT: HAC Dipole 1880 MHz

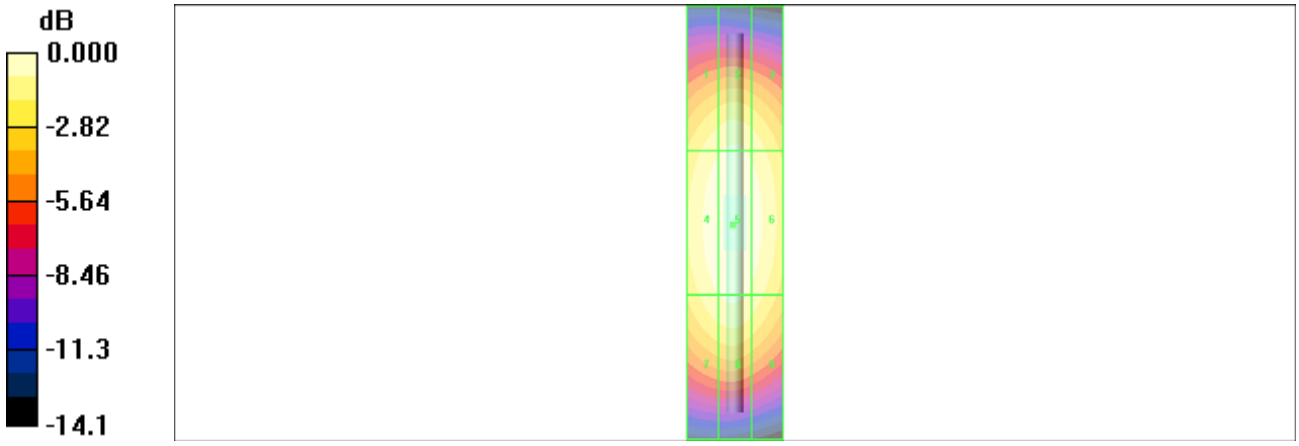
Communication System: CW; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\varepsilon_r = 1$; $\rho = 1$ kg/m^3
Ambient Temperature：22.6 ℃

DASY4 Configuration:
- Probe: H3DV6 - SN6184; ; Calibrated: 2011/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- 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 = 0.001 dB
Maximum value of Total = 0.491 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 **0.475 M2**	Grid 5 **0.491 M2**	Grid 6 **0.468 M2**
Grid 7 **0.439 M2**	Grid 8 **0.453 M2**	Grid 9 **0.426 M2**



0 dB = 0.491A/m