Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2011/2/11

HAC_E_Dipole_835_110211

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：22.7 ℃

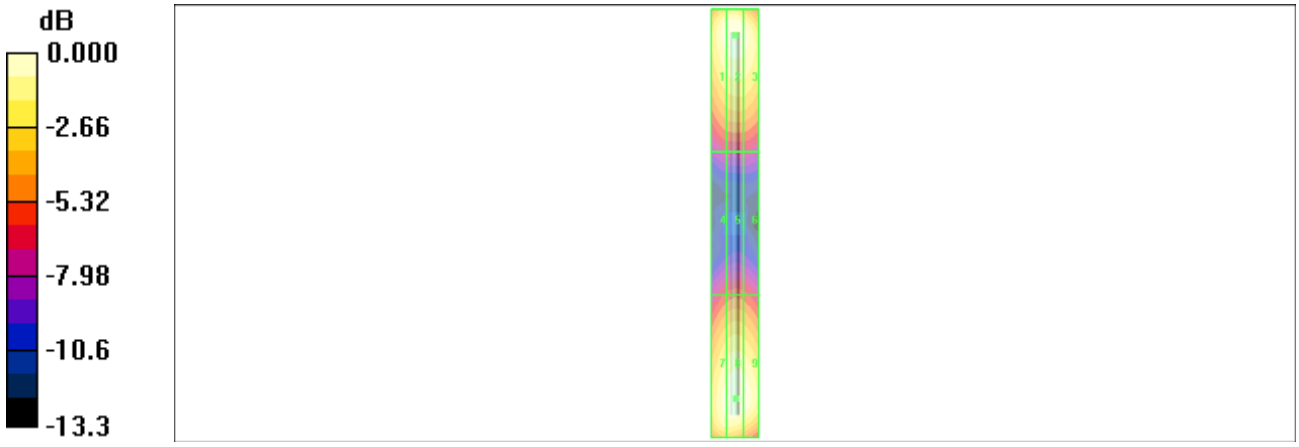
DASY4 Configuration:
- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2011/1/14
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 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
Probe Modulation Factor = 1.00
Reference Value = 132.1 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 **174.8 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 **172.2 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: 2011/2/11

HAC_E_Dipole_1880_110211

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：22.3 ℃

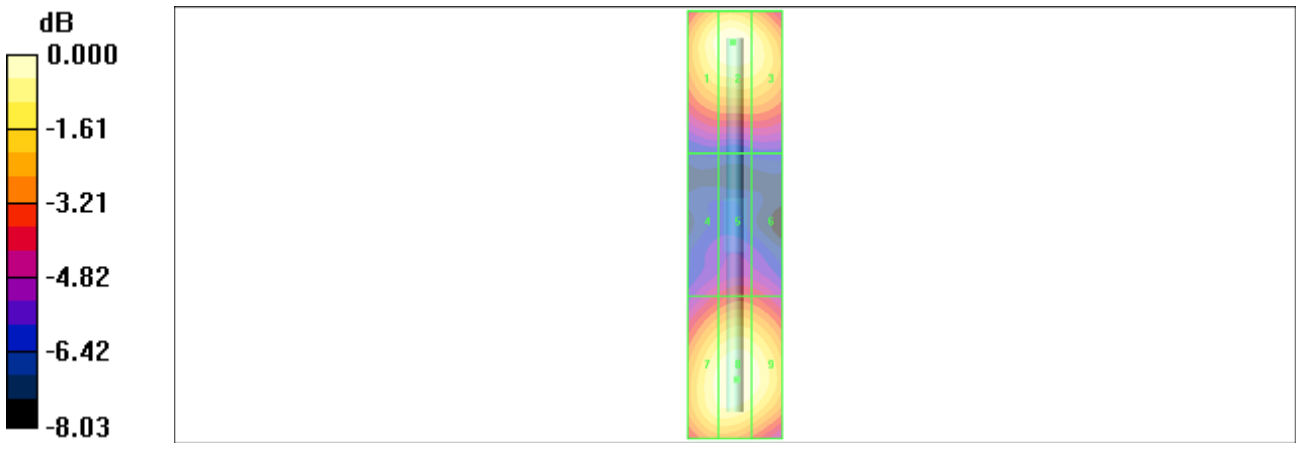
DASY4 Configuration:
- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2011/1/14
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 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
Probe Modulation Factor = 1.00
Reference Value = 137.5 V/m; Power Drift = 0.008 dB
Average Value of Total = (135.4 + 135.6) / 2 = 135.5 V/m

Peak E-field in V/m

Grid 1 **131.6 M2**	Grid 2 **135.4 M2**	Grid 3 **129.2 M2**
Grid 4 **84.8 M3**	Grid 5 **90.2 M3**	Grid 6 **88.5 M3**
Grid 7 **131.0 M2**	Grid 8 **135.6 M2**	Grid 9 **132.5 M2**

Cursor:
Total = 135.6 V/m
E Category: M2
Location: -0.5, 32.5, 4.7 mm



0 dB = 135.6V/m

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2011/2/12

HAC_H_Dipole_835_110212

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 ℃

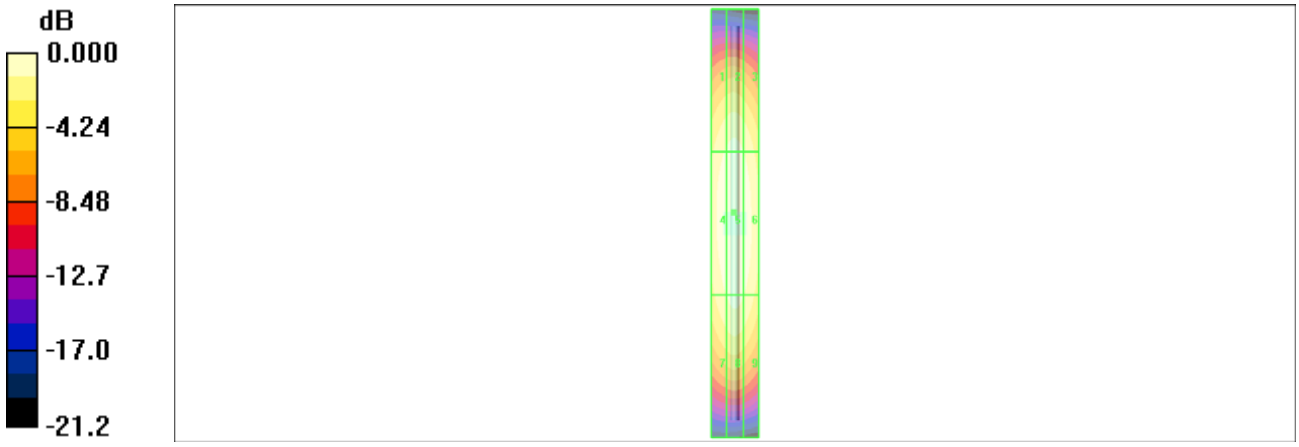
DASY4 Configuration:
- Probe: H3DV6 - SN6184; ; Calibrated: 2011/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

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 = 0.497 A/m; Power Drift = 0.000 dB
Maximum Value of Total = 0.448 A/m

Peak H-field in A/m

Grid 1 **0.389 M4**	Grid 2 **0.405 M4**	Grid 3 **0.382 M4**
Grid 4 **0.430 M4**	Grid 5 **0.448 M4**	Grid 6 **0.424 M4**
Grid 7 **0.382 M4**	Grid 8 **0.402 M4**	Grid 9 **0.383 M4**

Cursor:
Total = 0.448 A/m
H Category: M4
Location: 0.5, -4.5, 5.2 mm



0 dB = 0.448A/m

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2011/2/12

HAC_H_Dipole_1880_110212

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：22.7 ℃

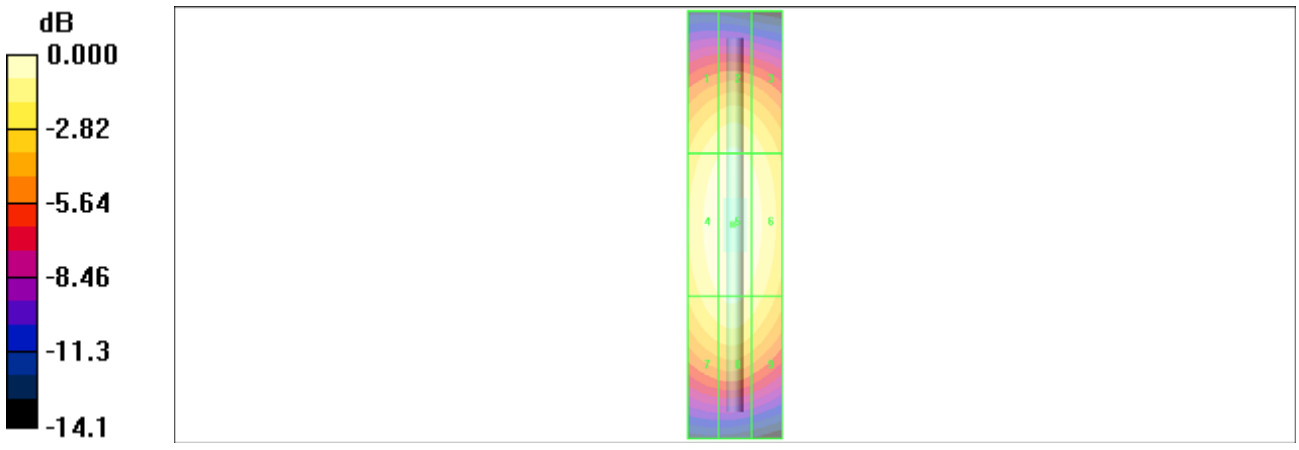
DASY4 Configuration:
- Probe: H3DV6 - SN6184; ; Calibrated: 2011/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

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 = 0.510 A/m; Power Drift = 0.010 dB
Maximum Value of Total = 0.463 A/m

Peak H-field in A/m

Grid 1 **0.410 M2**	Grid 2 **0.425 M2**	Grid 3 **0.405 M2**
Grid 4 **0.448 M2**	Grid 5 **0.463 M2**	Grid 6 **0.441 M2**
Grid 7 **0.413 M2**	Grid 8 **0.426 M2**	Grid 9 **0.401 M2**

Cursor:
Total = 0.463 A/m
H Category: M2
Location: 0.5, 0, 5.2 mm



0 dB = 0.463A/m