Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2011/8/1

HAC_E_Dipole_835_110801

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 ℃

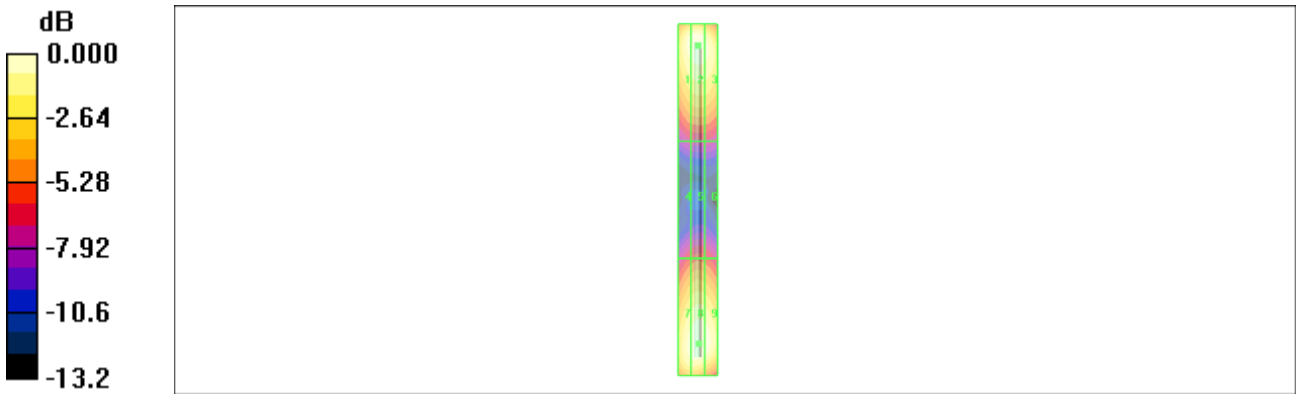
DASY4 Configuration:
- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2011/1/14
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 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 = 178.0 V/m
Probe Modulation Factor = 1.00
Reference Value = 130.5 V/m; Power Drift = 0.013 dB
Average value of Total=(178+ 177.9) / 2 = 177.95 V/m

Peak E-field in V/m

Grid 1 **172.6 M4**	Grid 2 **178.0 M4**	Grid 3 **170.3 M4**
Grid 4 **90.1 M4**	Grid 5 **94.0 M4**	Grid 6 **91.8 M4**
Grid 7 **170.2 M4**	Grid 8 **177.9 M4**	Grid 9 **174.3 M4**

Cursor:
Total = 178.0 V/m
E Category: M4
Location: 0, -79, 4.7 mm



0 dB = 178.0V/m

HAC_E_Dipole_1880_110801

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 ℃

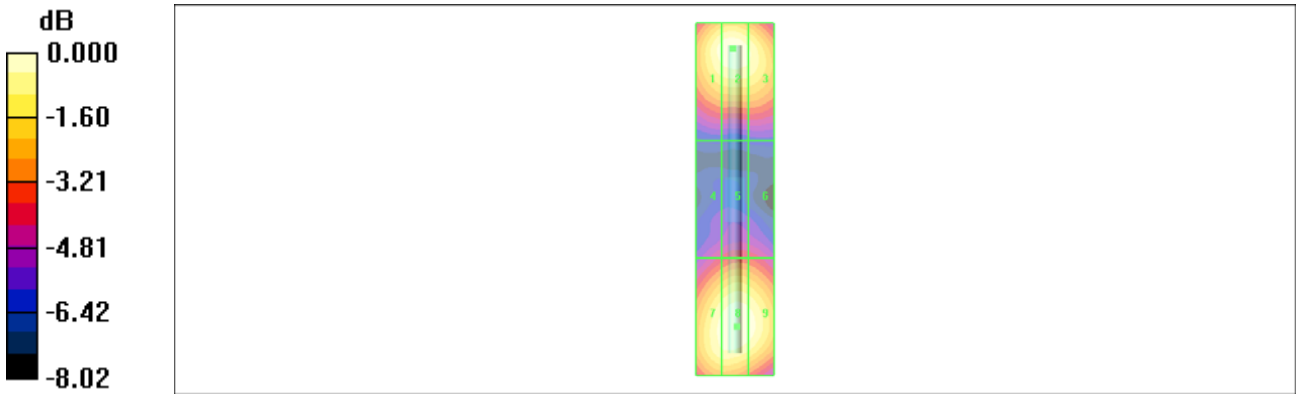
DASY4 Configuration:
- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2011/1/14
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 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 = 142.4 V/m
Probe Modulation Factor = 1.00
Reference Value = 144.9 V/m; Power Drift = -0.028 dB
Average value of Total=(142.4+ 142.4) / 2 = 142.4 V/m

Peak E-field in V/m

Grid 1 **138.3 M2**	Grid 2 **142.4 M2**	Grid 3 **135.5 M2**
Grid 4 **89.0 M3**	Grid 5 **94.8 M3**	Grid 6 **92.8 M3**
Grid 7 **137.6 M2**	Grid 8 **142.4 M2**	Grid 9 **139.0 M2**

Cursor:
Total = 142.4 V/m
E Category: M2
Location: 0.5, -38.5, 4.7 mm



0 dB = 142.4V/m

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2011/8/1

HAC_H_Dipole_1880_110801

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 ℃

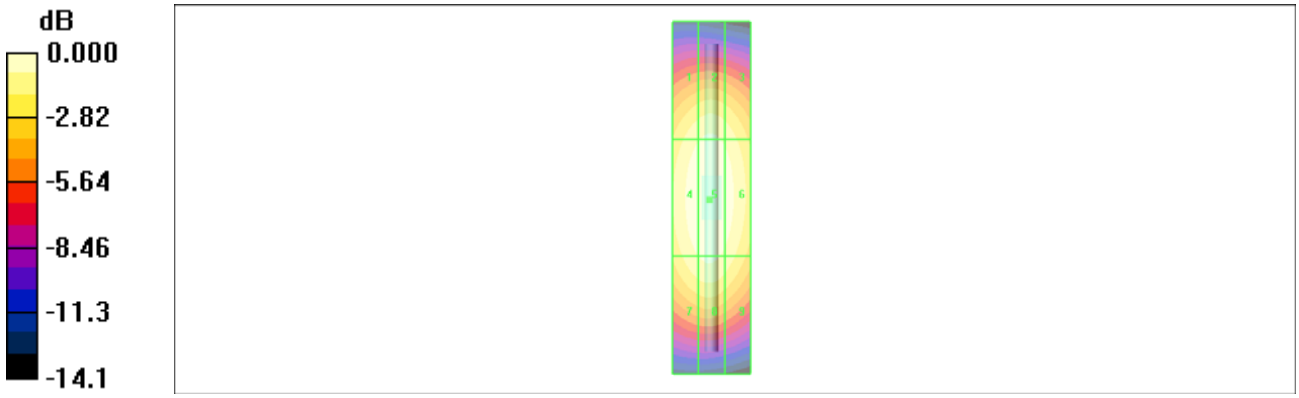
DASY4 Configuration:
- Probe: H3DV6 - SN6184; ; Calibrated: 2011/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

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 = 0.530 A/m; Power Drift = 0.006 dB
Maximum value of peak Total field = 0.480 A/m

Peak H-field in A/m

Grid 1 **0.426 M2**	Grid 2 **0.441 M2**	Grid 3 **0.420 M2**
Grid 4 **0.465 M2**	Grid 5 **0.480 M2**	Grid 6 **0.458 M2**
Grid 7 **0.429 M2**	Grid 8 **0.443 M2**	Grid 9 **0.417 M2**

Cursor:
Total = 0.480 A/m
H Category: M2
Location: 0.5, 0.5, 5.2 mm



0 dB = 0.480A/m

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2011/8/1

HAC_H_Dipole_835_110801

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 ℃

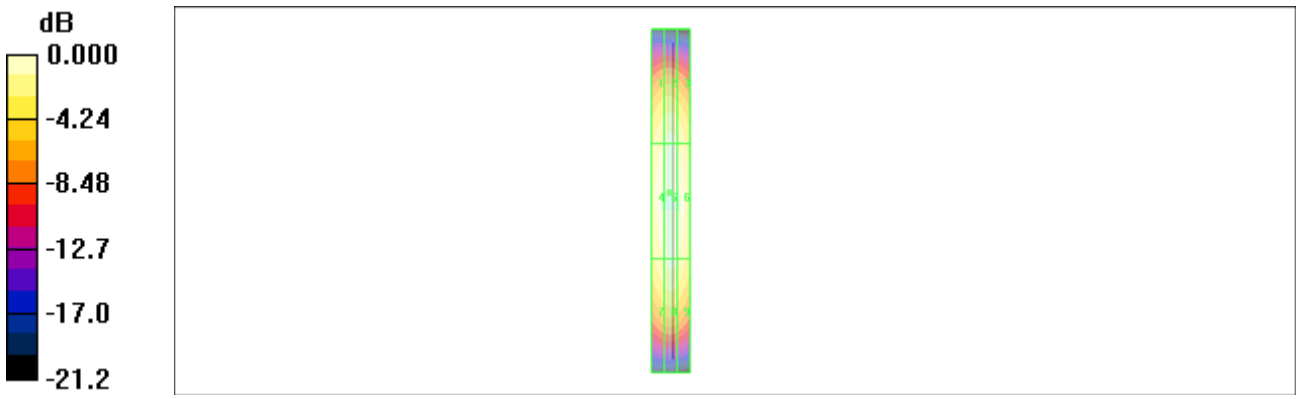
DASY4 Configuration:
- Probe: H3DV6 - SN6184; ; Calibrated: 2011/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

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 = 0.525 A/m; Power Drift = -0.052 dB
Maximum value of peak Total field = 0.471 A/m

Peak H-field in A/m

Grid 1 **0.410 M4**	Grid 2 **0.428 M4**	Grid 3 **0.403 M4**
Grid 4 **0.453 M4**	Grid 5 **0.471 M4**	Grid 6 **0.447 M4**
Grid 7 **0.404 M4**	Grid 8 **0.425 M4**	Grid 9 **0.404 M4**

Cursor:
Total = 0.471 A/m
H Category: M4
Location: 0.5, -4.5, 5.2 mm



0 dB = 0.471A/m