

HAC_E_Dipole_835_090709**DUT: Dipole 835 MHz**

Communication System: GSM850; Frequency: 835 MHz; Duty Cycle: 1:1

Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.6

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2009/1/14

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn679; Calibrated: 2009/6/23

- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA

- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

E Scan - measurement distance from the probe sensor center to CD835 Dipole = 10mm/Hearing Aid Compatibility Test (41x361x1): Measurement grid: dx=5mm, dy=5mm

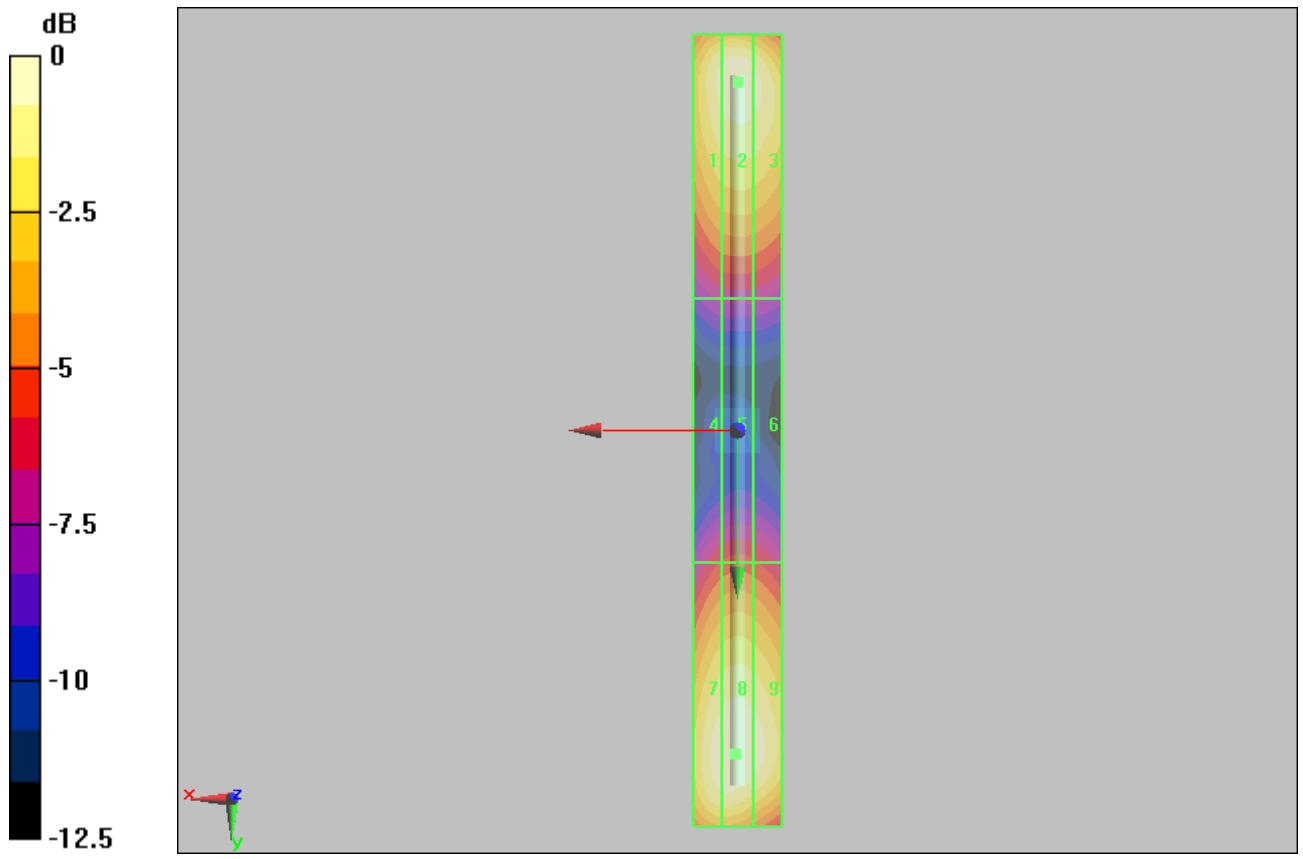
Probe Modulation Factor = 1

Reference Value = 125.8 V/m; Power Drift = -0.029 dB

Average value of Total=(166 + 168.4) / 2 = 167.2 V/m

Peak E-field in V/m

Grid 1 159.6 M4	Grid 2 166.0 M4	Grid 3 160.7 M4
Grid 4 87.4 M4	Grid 5 90.4 M4	Grid 6 88.2 M4
Grid 7 165.0 M4	Grid 8 168.4 M4	Grid 9 162.9 M4



0 dB = 168.4V/m

HAC_E_Dipole_1880_090709**DUT: HAC Dipole 1880 MHz**

Communication System: CW; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2009/1/14

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn679; Calibrated: 2009/6/23

- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;

- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

E Scan - ER probe center 10mm above CD1880 Dipole/Hearing Aid Compatibility Test**(41x181x1)**: Measurement grid: dx=5mm, dy=5mm

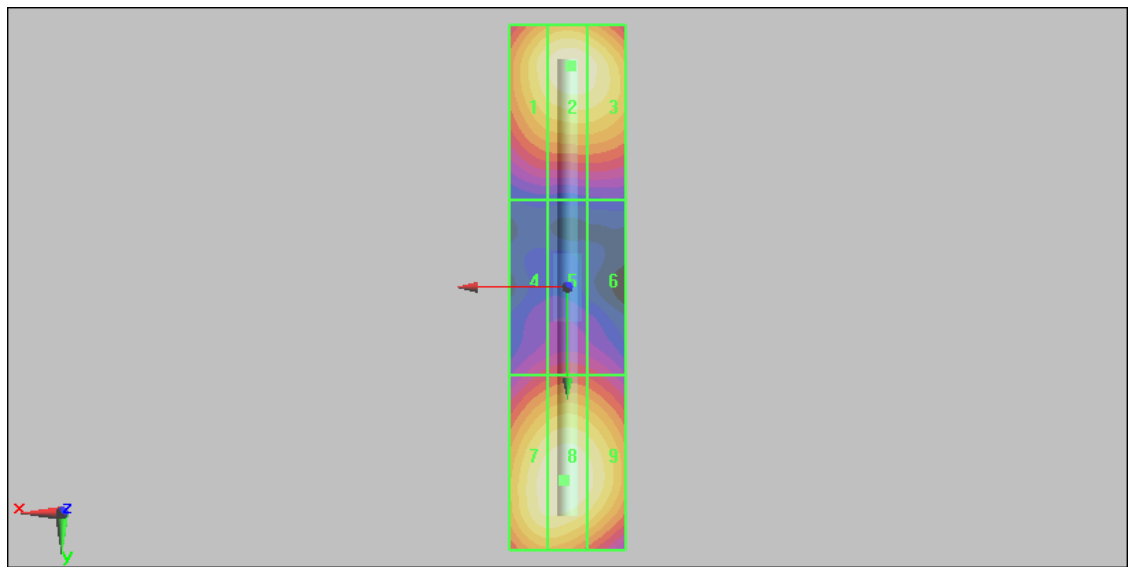
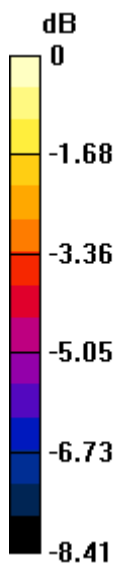
Probe Modulation Factor = 1

Reference Value = 71.5 V/m; Power Drift = -0.00107 dB

Average value of Total=(147.7+148) / 2 = 147.85 V/m

Peak E-field in V/m

Grid 1 138.8 M2	Grid 2 147.7 M2	Grid 3 144.0 M2
Grid 4 92 M3	Grid 5 95.9 M3	Grid 6 92.9 M3
Grid 7 145.3 M2	Grid 8 148.0 M2	Grid 9 142.0 M2



0 dB = 148.0V/m

HAC_H_Dipole_835_090709**DUT: HAC-Dipole 835 MHz**

Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1

Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³

Ambient Temperature : 22.5

DASY5 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2009/1/19

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn679; Calibrated: 2009/6/23

- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;

- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

H Scan - H3DV6 probe center 10mm above CD835 Dipole/Hearing Aid Compatibility Test**(41x361x1):** Measurement grid: dx=5mm, dy=5mm

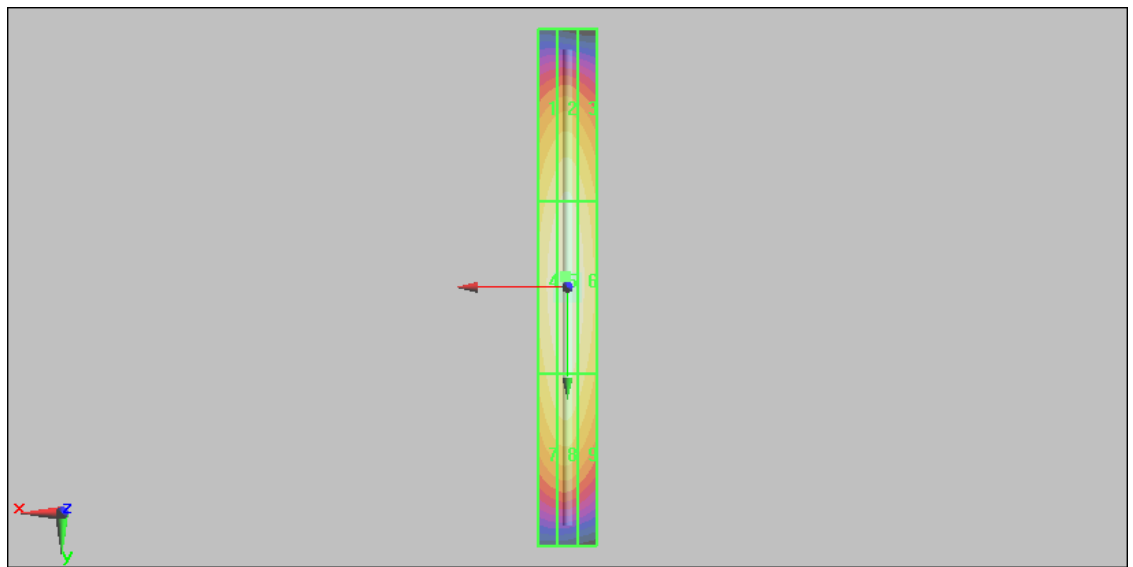
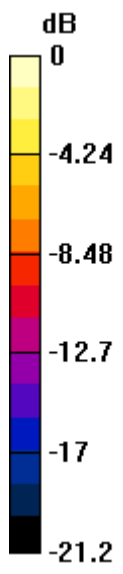
Probe Modulation Factor = 1

Reference Value = 0.446 A/m; Power Drift = -0.00222 dB

Maximum value of Total = 0.459 A/m

Peak H-field in A/m

Grid 1 0.383 M4	Grid 2 0.404 M4	Grid 3 0.375 M4
Grid 4 0.439 M4	Grid 5 0.459 M4	Grid 6 0.425 M4
Grid 7 0.381 M4	Grid 8 0.400 M4	Grid 9 0.370 M4



0 dB = 0.459A/m

HAC_H_Dipole_1880_090709**DUT: HAC Dipole 1880 MHz**

Communication System: CW; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³

Ambient Temperature : 22.6

DASY5 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2009/1/19

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn679; Calibrated: 2009/6/23

- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;

- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

H Scan - HSDV6 probe center 10mm above CD1880 Dipole/Hearing Aid Compatibility Test**(41x181x1):** Measurement grid: dx=5mm, dy=5mm

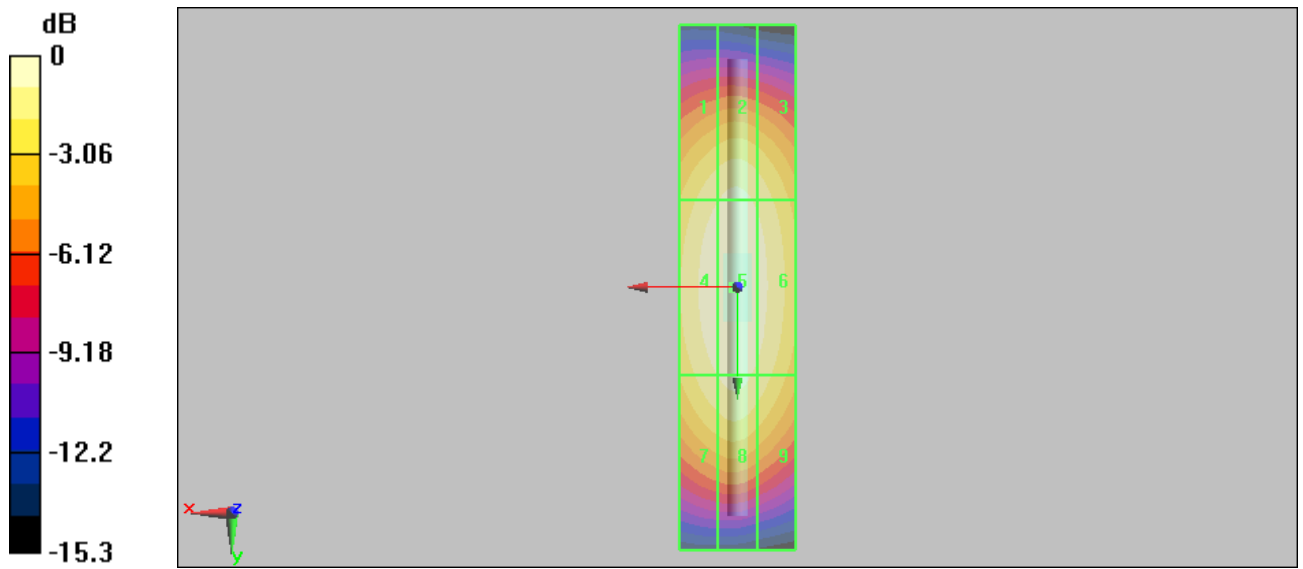
Probe Modulation Factor = 1

Reference Value = 0.482 A/m; Power Drift = -0.018 dB

Maximum value of Total = 0.494 A/m

Peak H-field in A/m

Grid 1 0.436 M2	Grid 2 0.457 M2	Grid 3 0.427 M2
Grid 4 0.478 M2	Grid 5 0.494 M2	Grid 6 0.463 M2
Grid 7 0.439 M2	Grid 8 0.458 M2	Grid 9 0.425 M2



0 dB = 0.494A/m