Date: 6/26/2012

Test Laboratory: UL CCS SAR Lab C

System Validation

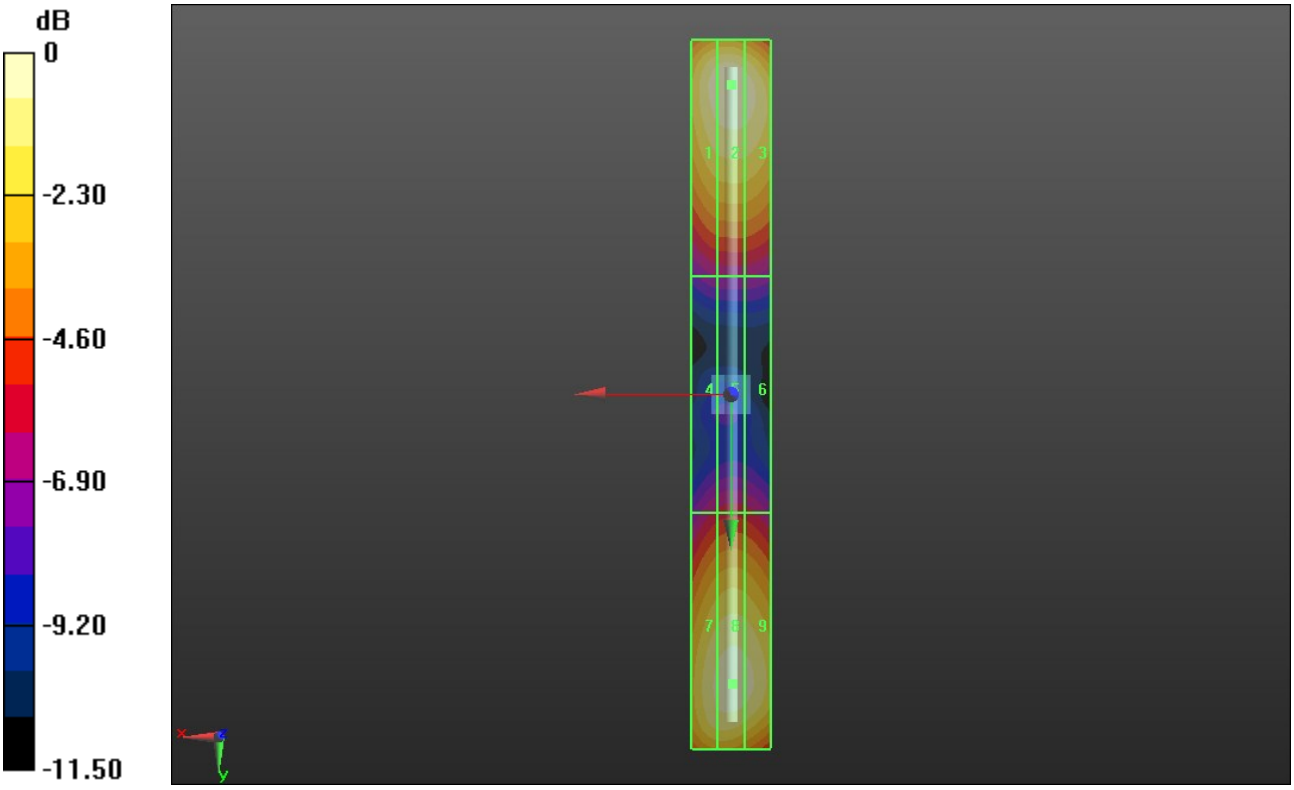
Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 1/20/2012
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1239; Calibrated: 6/6/2012
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (0);SEMCAD X Version 14.6.4 (4989)

CD835V3, E-Field/Measurement distance from the probe sensor center to Dipole = 10mm/Hearing Aid Compatibility Test (41x361x1): Measurement grid: dx=5mm, dy=5mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 115.2 V/m; Power Drift = 0.00 dB
PMR not calibrated. PMF = 1.000 is applied.
E-field emissions = 159.3 V/m
Near-field category: M4 (AWF 0 dB)

PMF scaled E-field

Grid 1 **M4** **154.8 V/m**	Grid 2 **M4** **159.3 V/m**	Grid 3 **M4** **154.2 V/m**
Grid 4 **M4** **81.10 V/m**	Grid 5 **M4** **83.94 V/m**	Grid 6 **M4** **82.40 V/m**
Grid 7 **M4** **149.1 V/m**	Grid 8 **M4** **154.0 V/m**	Grid 9 **M4** **151.6 V/m**



0 dB = 159.3V/m = 44.04 dB V/m

Date: 6/26/2012

Test Laboratory: UL CCS SAR Lab C

System Validation

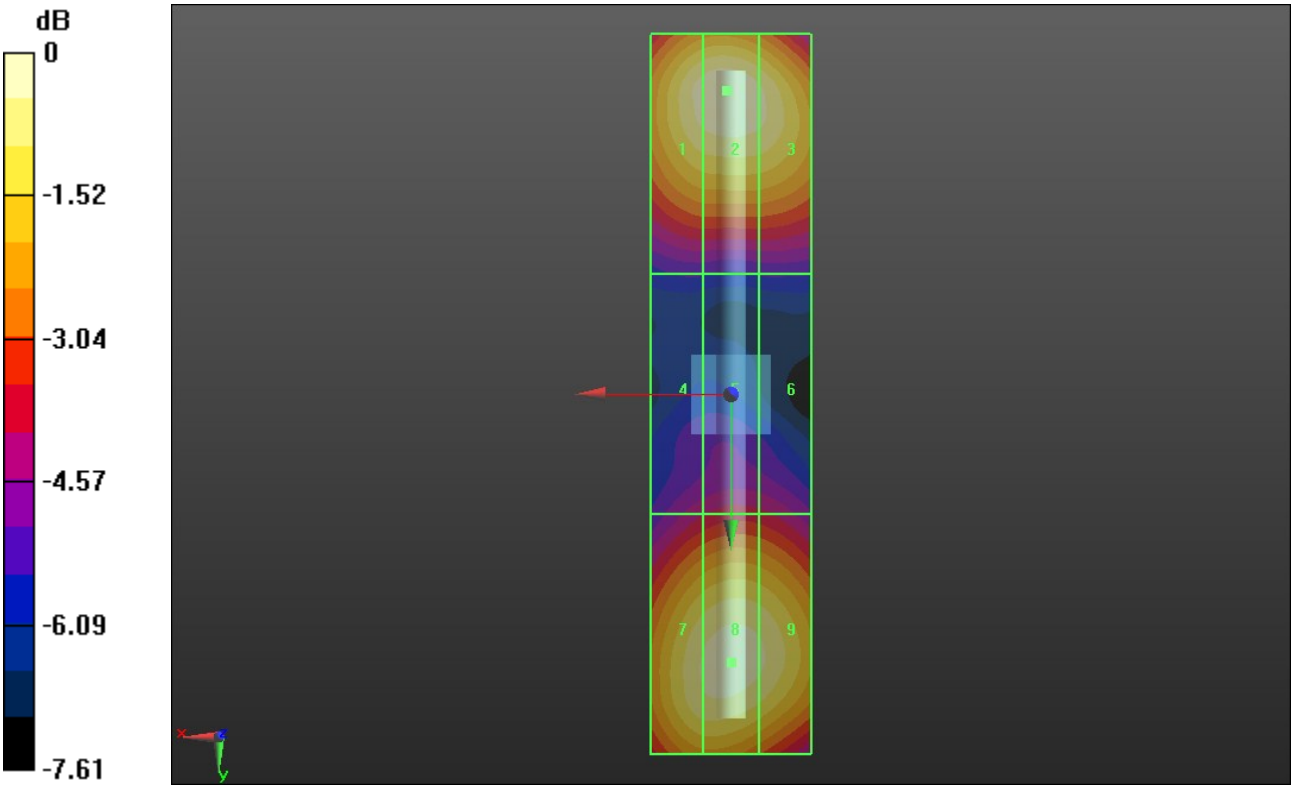
Communication System: CW; Frequency: 1880 MHz; Duty Cycle: 1:1
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 1/20/2012
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1239; Calibrated: 6/6/2012
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (0);SEMCAD X Version 14.6.4 (4989)

CD1880V3, E-Field/Measurement distance from the probe sensor center to Dipole = 10mm/Hearing Aid Compatibility Test (41x181x1): Measurement grid: dx=5mm, dy=5mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 137.3 V/m; Power Drift = -0.00 dB
PMR not calibrated. PMF = 1.000 is applied.
E-field emissions = 136.1 V/m
Near-field category: M2 (AWF 0 dB)

PMF scaled E-field

Grid 1 **M2** **132.6 V/m**	Grid 2 **M2** **136.1 V/m**	Grid 3 **M2** **130.9 V/m**
Grid 4 **M3** **84.96 V/m**	Grid 5 **M3** **88.55 V/m**	Grid 6 **M3** **87.37 V/m**
Grid 7 **M2** **129.4 V/m**	Grid 8 **M2** **132.6 V/m**	Grid 9 **M2** **129.8 V/m**



0 dB = 136.1V/m = 42.68 dB V/m

Date: 6/26/2012

Test Laboratory: UL CCS SAR Lab C

System Validation

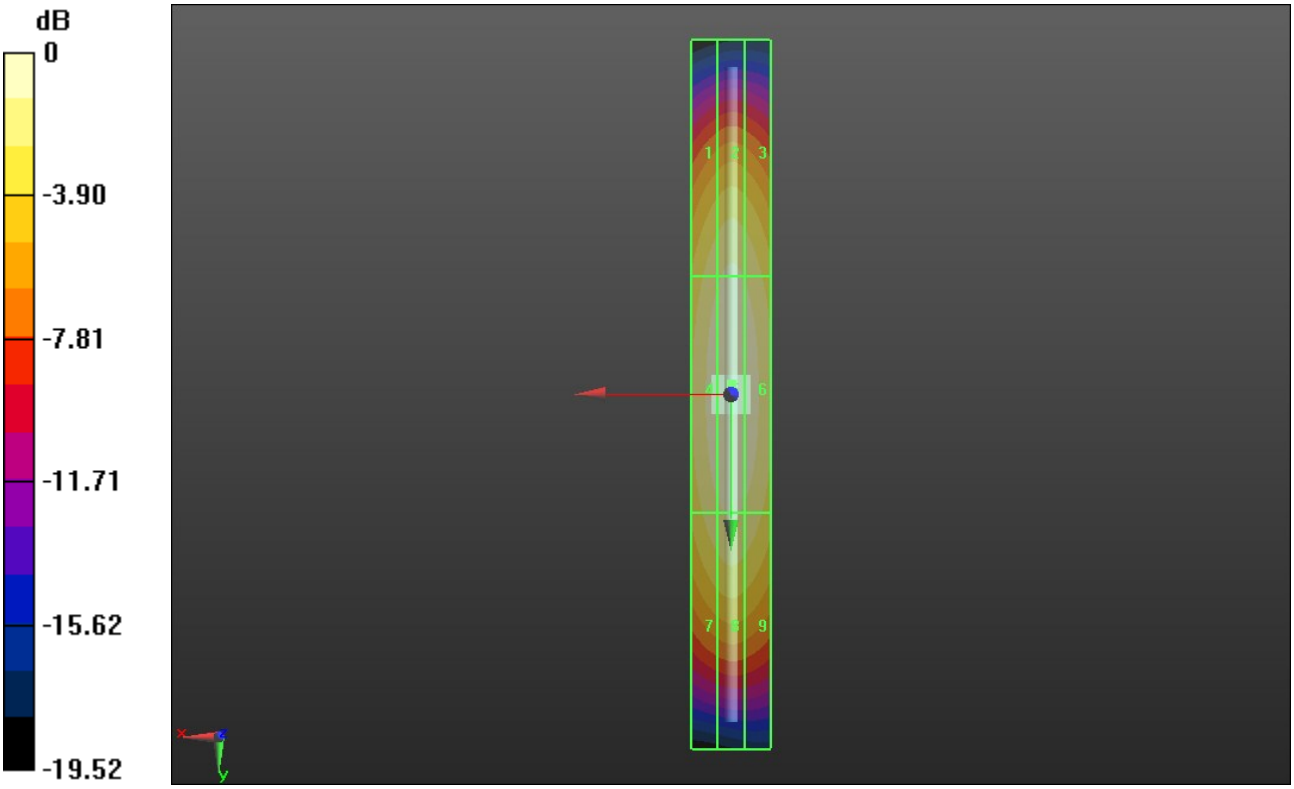
Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1
Phantom section: RF Section
DASY5 Configuration:
- Probe: H3DV6 - SN6157; ; Calibrated: 1/30/2012
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1239; Calibrated: 6/6/2012
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (0);SEMCAD X Version 14.6.4 (4989)

CD835V3, H-Field/Measurement distance from the probe sensor center to Dipole = 10mm/Hearing Aid Compatibility Test (41x361x1): Measurement grid: dx=5mm, dy=5mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 0.47 V/m; Power Drift = -0.01 dB
PMR not calibrated. PMF = 1.000 is applied.
H-field emissions = 0.45 A/m
Near-field category: M4 (AWF 0 dB)

PMF scaled H-field

Grid 1 **M4** **0.38 A/m**	Grid 2 **M4** **0.40 A/m**	Grid 3 **M4** **0.38 A/m**
Grid 4 **M4** **0.42 A/m**	Grid 5 **M4** **0.45 A/m**	Grid 6 **M4** **0.43 A/m**
Grid 7 **M4** **0.38 A/m**	Grid 8 **M4** **0.39 A/m**	Grid 9 **M4** **0.38 A/m**



0 dB = 0.450A/m = -6.94 dB A/m

Date: 6/26/2012

Test Laboratory: UL CCS SAR Lab C

System Validation

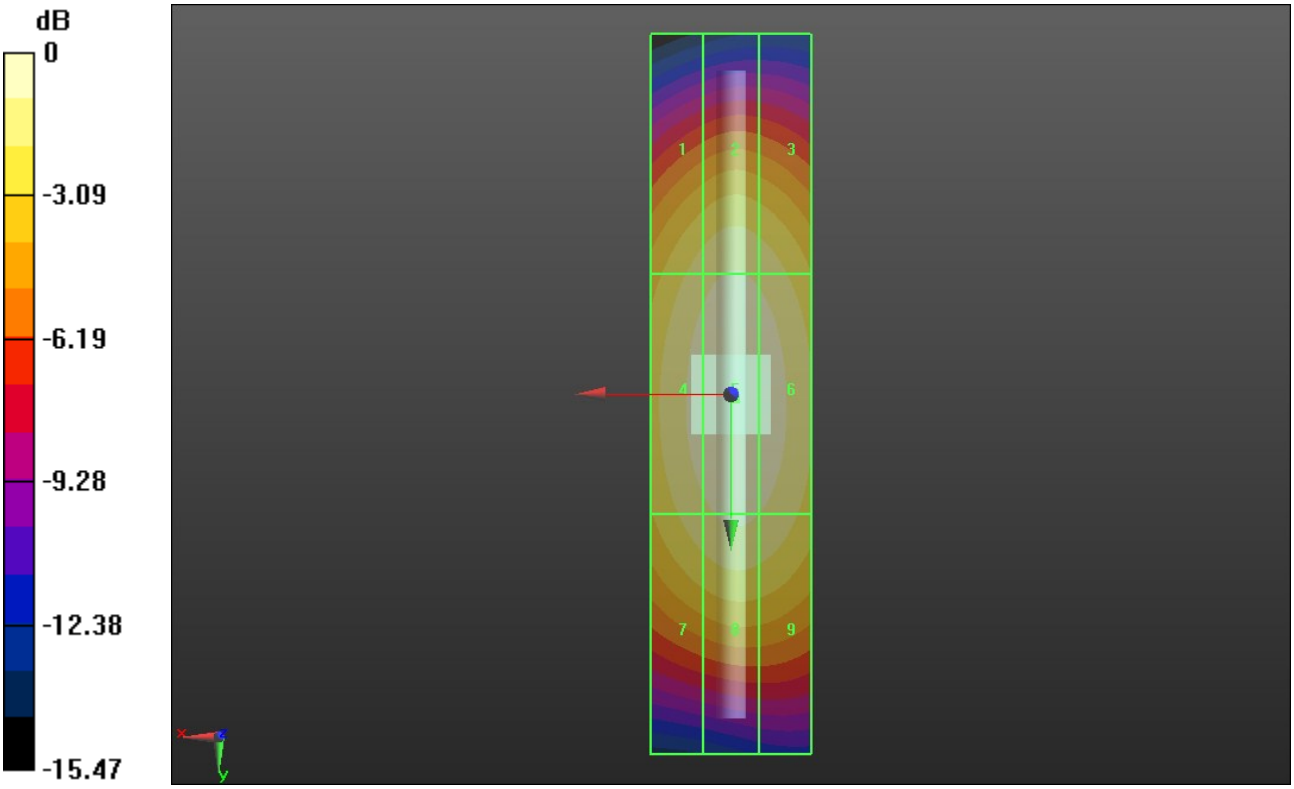
Communication System: CW; Frequency: 1880 MHz; Duty Cycle: 1:1
Phantom section: RF Section
DASY5 Configuration:
- Probe: H3DV6 - SN6157; ; Calibrated: 1/30/2012
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1239; Calibrated: 6/6/2012
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (0);SEMCAD X Version 14.6.4 (4989)

CD1880V3, H-Field/Measurement distance from the probe sensor center to Dipole = 10mm/Hearing Aid Compatibility Test (41x181x1): Measurement grid: dx=5mm, dy=5mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 0.48 V/m; Power Drift = -0.00 dB
PMR not calibrated. PMF = 1.000 is applied.
H-field emissions = 0.46 A/m
Near-field category: M2 (AWF 0 dB)

PMF scaled H-field

Grid 1 **M2** **0.39 A/m**	Grid 2 **M2** **0.41 A/m**	Grid 3 **M2** **0.40 A/m**
Grid 4 **M2** **0.43 A/m**	Grid 5 **M2** **0.46 A/m**	Grid 6 **M2** **0.44 A/m**
Grid 7 **M2** **0.40 A/m**	Grid 8 **M2** **0.42 A/m**	Grid 9 **M2** **0.41 A/m**



0 dB = 0.460A/m = -6.74 dB A/m