Date: 4/9/2012

Test Laboratory: UL CCS SAR Lab C

GSM 850

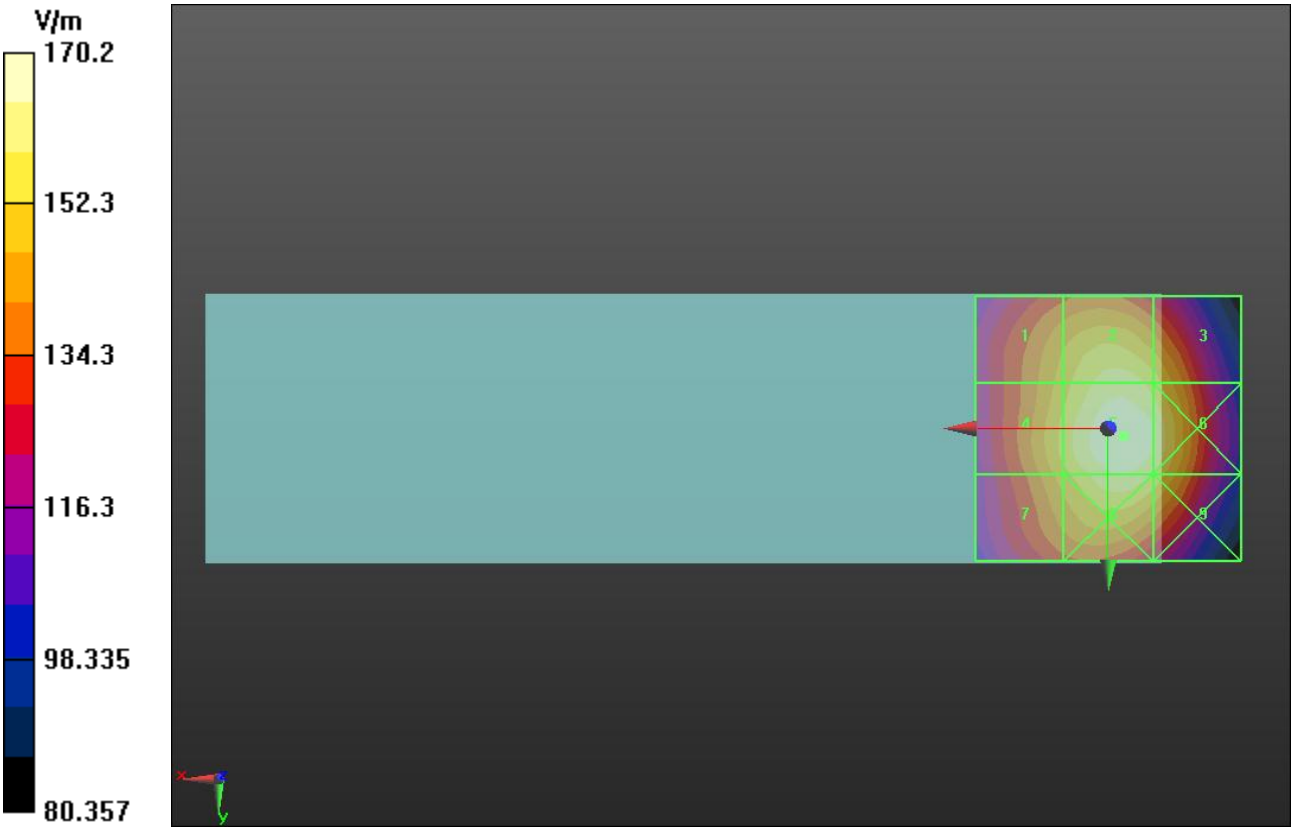
Communication System: GPRS-FDD (TDMA, GMSK, 1 slot); Frequency: 824.4 MHz; Duty Cycle: 1:8.00018
Phantom section: RF Section
DASY4 Configuration:
- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 1/20/2012
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn500; Calibrated: 7/14/2011
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (0);SEMCAD X Version 14.4.5 (3634)

E-Field/L ch/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 170.2 V/m
Probe Modulation Factor = 2.790
Device Reference Point: 0, 0, -6.3 mm
Reference Value = 83.553 V/m; Power Drift = 0.03 dB
Hearing Aid Near-Field Category: M3 (AWF -5 dB)

Peak E-field in V/m

Grid 1 **149.6 M3**	Grid 2 **161.7 M3**	Grid 3 **155.7 M3**
Grid 4 **154.6 M3**	Grid 5 **170.2 M3**	Grid 6 **164.5 M3**
Grid 7 **150.0 M3**	Grid 8 **164.2 M3**	Grid 9 **158.0 M3**



Date: 4/9/2012

Test Laboratory: UL CCS SAR Lab C

GSM 850

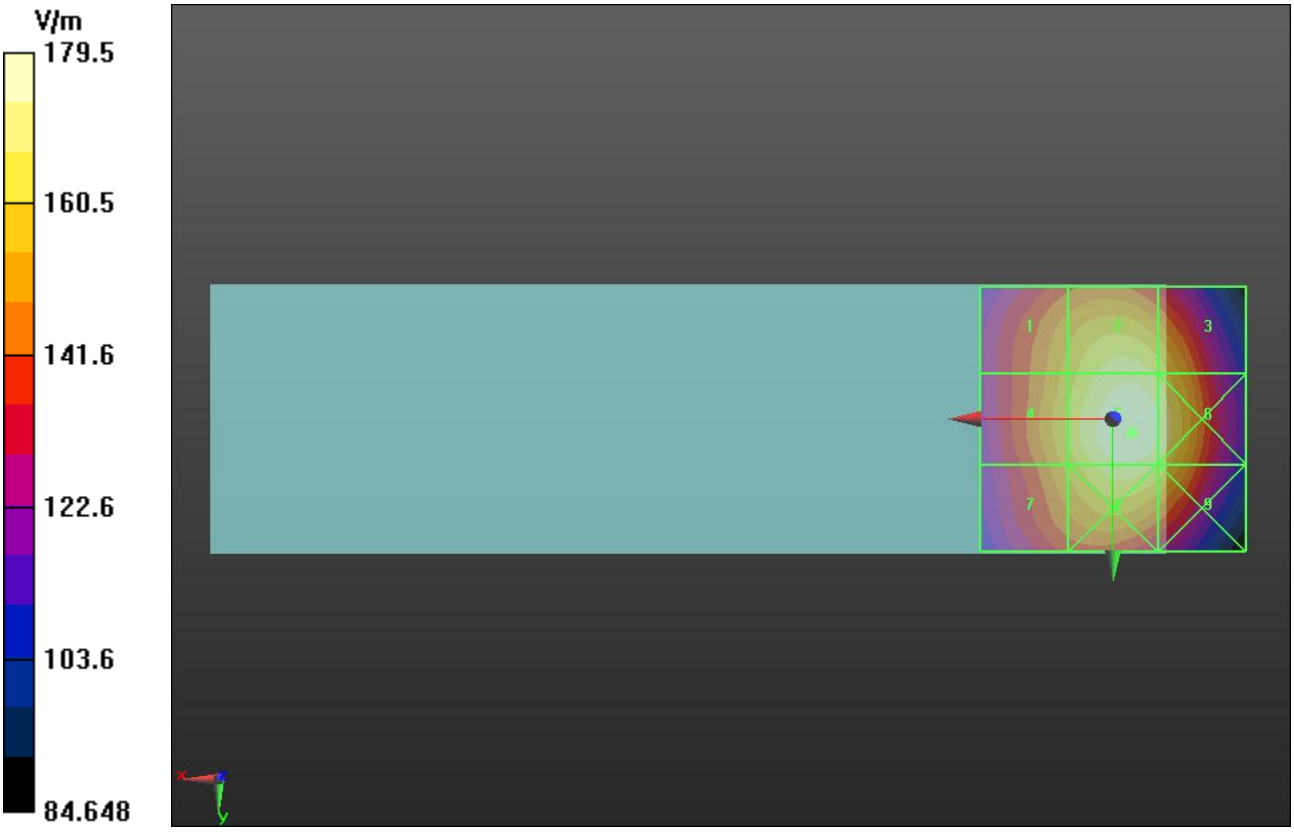
Communication System: GPRS-FDD (TDMA, GMSK, 1 slot); Frequency: 836.6 MHz; Duty Cycle: 1:8.00018
Phantom section: RF Section
DASY4 Configuration:
- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 1/20/2012
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn500; Calibrated: 7/14/2011
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (0);SEMCAD X Version 14.4.5 (3634)

E-Field/M ch/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 179.5 V/m
Probe Modulation Factor = 2.790
Device Reference Point: 0, 0, -6.3 mm
Reference Value = 88.082 V/m; Power Drift = 0.02 dB
Hearing Aid Near-Field Category: M3 (AWF -5 dB)

Peak E-field in V/m

Grid 1 **157.4 M3**	Grid 2 **171.3 M3**	Grid 3 **165.5 M3**
Grid 4 **161.9 M3**	Grid 5 **179.5 M3**	Grid 6 **173.9 M3**
Grid 7 **156.9 M3**	Grid 8 **172.8 M3**	Grid 9 **166.6 M3**



Date: 4/9/2012

Test Laboratory: UL CCS SAR Lab C

GSM 850

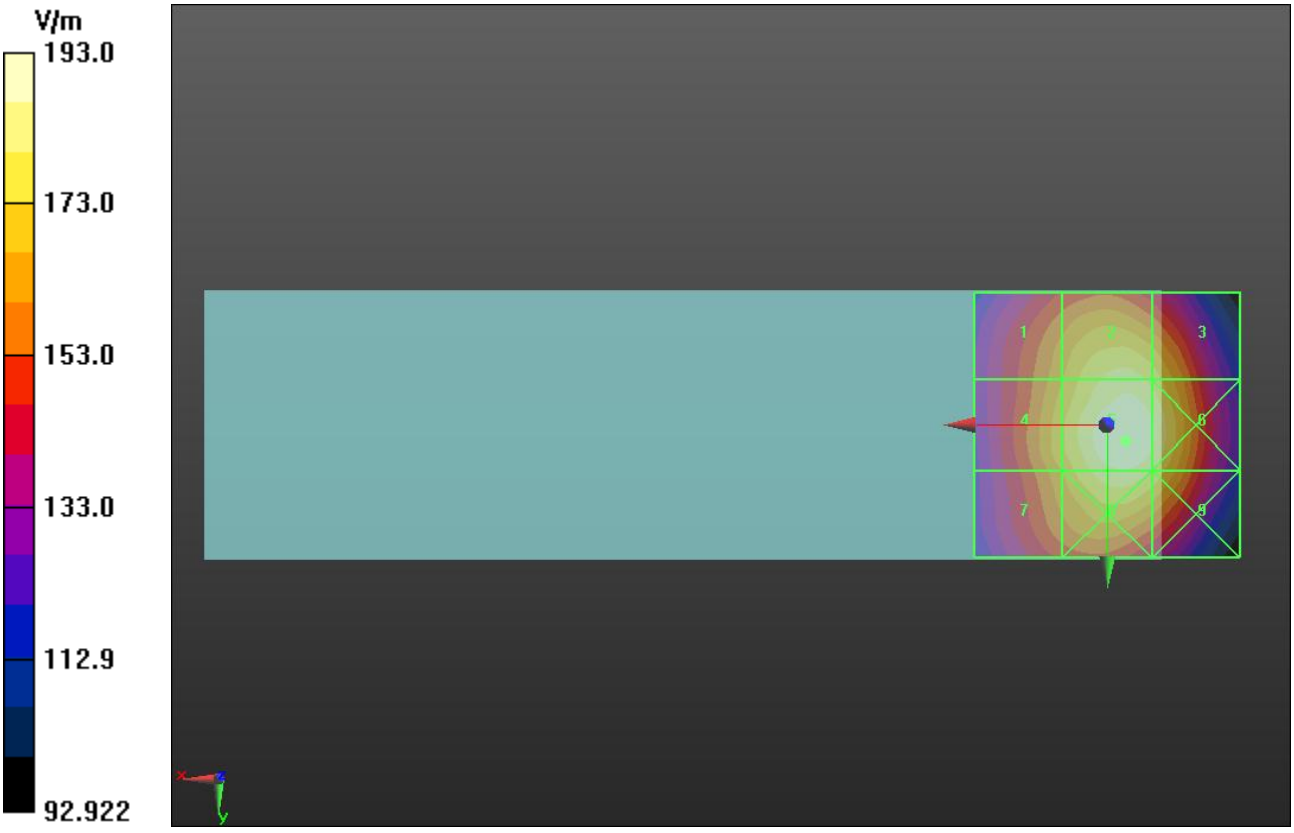
Communication System: GPRS-FDD (TDMA, GMSK, 1 slot); Frequency: 848.8 MHz; Duty Cycle: 1:8.00018
Phantom section: RF Section
DASY4 Configuration:
- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 1/20/2012
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn500; Calibrated: 7/14/2011
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (0);SEMCAD X Version 14.4.5 (3634)

E-Field/H ch/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 193.0 V/m
Probe Modulation Factor = 2.790
Device Reference Point: 0, 0, -6.3 mm
Reference Value = 95.133 V/m; Power Drift = -0.07 dB
Hearing Aid Near-Field Category: M3 (AWF -5 dB)

Peak E-field in V/m

Grid 1 **166.1 M3**	Grid 2 **183.1 M3**	Grid 3 **177.7 M3**
Grid 4 **172.1 M3**	Grid 5 **193.0 M3**	Grid 6 **187.4 M3**
Grid 7 **166.9 M3**	Grid 8 **186.2 M3**	Grid 9 **179.9 M3**



Date: 4/9/2012

Test Laboratory: UL CCS SAR Lab C

GSM 1900

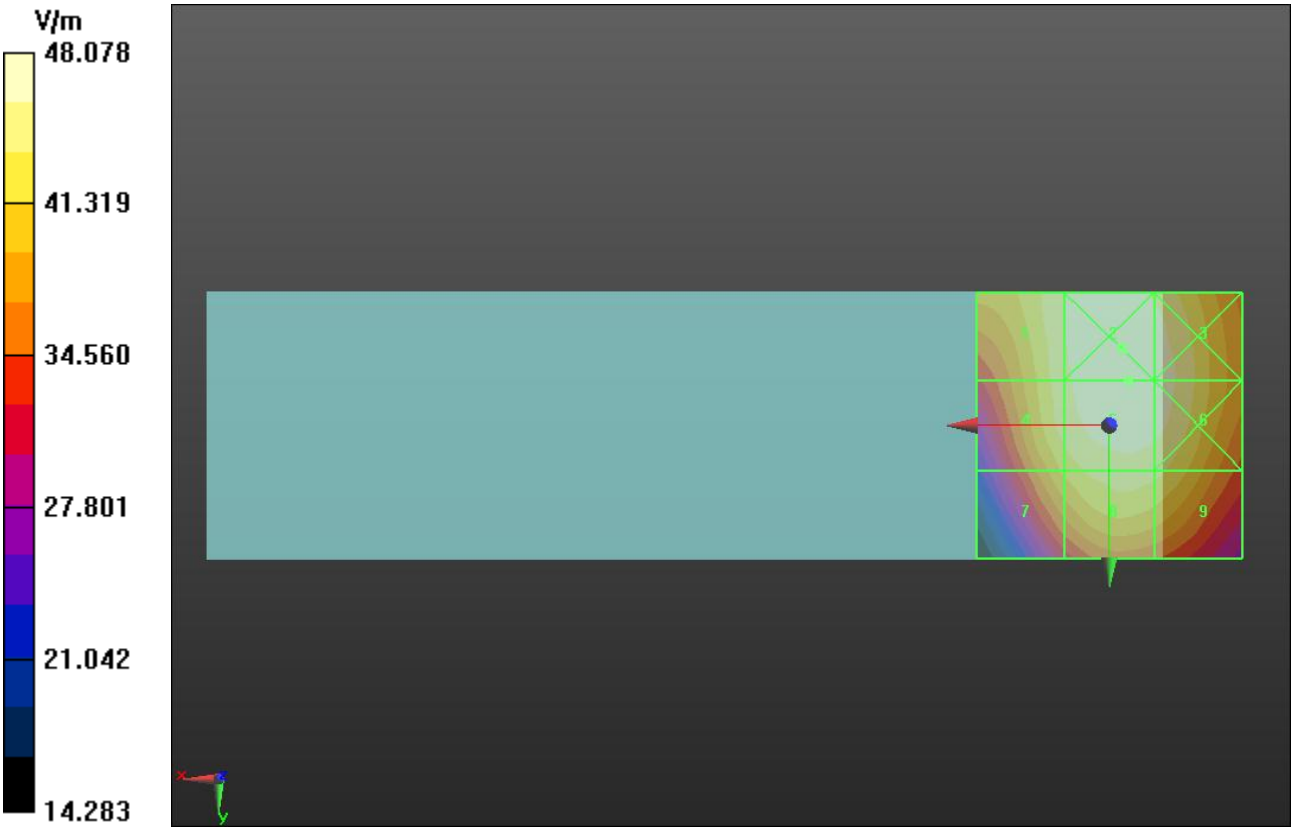
Communication System: GPRS-FDD (TDMA, GMSK, 1 slot); Frequency: 1850.2 MHz; Duty Cycle: 1:8.00018
Phantom section: RF Section
DASY4 Configuration:
- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 1/20/2012
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn500; Calibrated: 7/14/2011
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (0);SEMCAD X Version 14.4.5 (3634)

E-Field/L ch/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 47.896 V/m
Probe Modulation Factor = 2.820
Device Reference Point: 0, 0, -6.3 mm
Reference Value = 19.931 V/m; Power Drift = 0.0086 dB
Hearing Aid Near-Field Category: M3 (AWF -5 dB)

Peak E-field in V/m

Grid 1 **45.925 M4**	Grid 2 **48.078 M3**	Grid 3 **47.330 M3**
Grid 4 **45.245 M4**	Grid 5 **47.896 M3**	Grid 6 **47.304 M3**
Grid 7 **41.836 M4**	Grid 8 **44.900 M4**	Grid 9 **44.282 M4**



Date: 4/9/2012

Test Laboratory: UL CCS SAR Lab C

GSM 1900

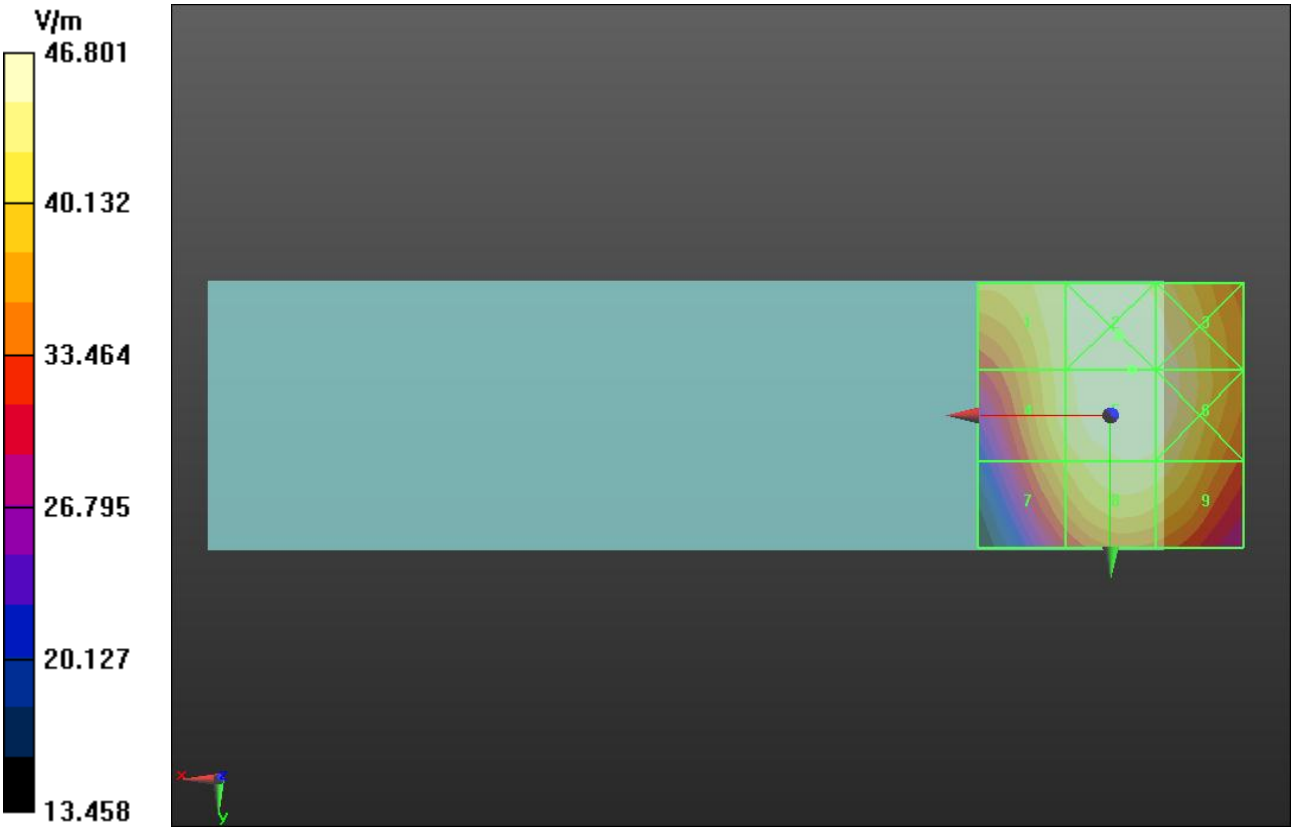
Communication System: GPRS-FDD (TDMA, GMSK, 1 slot); Frequency: 1880 MHz; Duty Cycle: 1:8.00018
Phantom section: RF Section
DASY4 Configuration:
- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 1/20/2012
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn500; Calibrated: 7/14/2011
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (0);SEMCAD X Version 14.4.5 (3634)

E-Field/M ch/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 46.681 V/m
Probe Modulation Factor = 2.820
Device Reference Point: 0, 0, -6.3 mm
Reference Value = 19.863 V/m; Power Drift = -0.01 dB
Hearing Aid Near-Field Category: M4 (AWF -5 dB)

Peak E-field in V/m

Grid 1 **44.801 M4**	Grid 2 **46.801 M4**	Grid 3 **46.164 M4**
Grid 4 **44.021 M4**	Grid 5 **46.681 M4**	Grid 6 **46.270 M4**
Grid 7 **40.802 M4**	Grid 8 **44.604 M4**	Grid 9 **44.060 M4**



Date: 4/9/2012

Test Laboratory: UL CCS SAR Lab C

GSM 1900

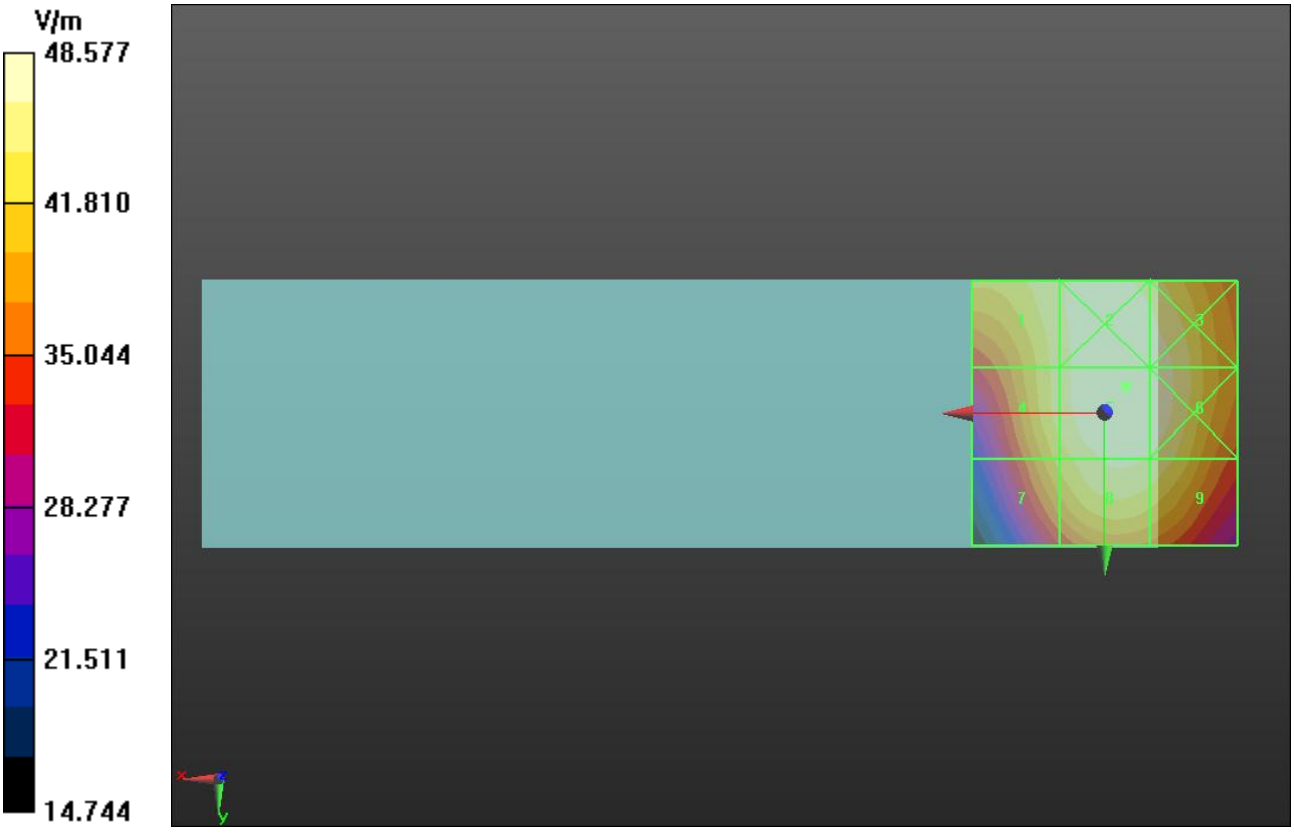
Communication System: GPRS-FDD (TDMA, GMSK, 1 slot); Frequency: 1909.8 MHz; Duty Cycle: 1:8.00018
Phantom section: RF Section
DASY4 Configuration:
- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 1/20/2012
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn500; Calibrated: 7/14/2011
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (0);SEMCAD X Version 14.4.5 (3634)

E-Field/H ch/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 48.577 V/m
Probe Modulation Factor = 2.820
Device Reference Point: 0, 0, -6.3 mm
Reference Value = 20.652 V/m; Power Drift = 0.01 dB
Hearing Aid Near-Field Category: M3 (AWF -5 dB)

Peak E-field in V/m

Grid 1 **46.050 M4**	Grid 2 **48.444 M3**	Grid 3 **47.976 M3**
Grid 4 **45.367 M4**	Grid 5 **48.577 M3**	Grid 6 **48.141 M3**
Grid 7 **42.831 M4**	Grid 8 **46.860 M4**	Grid 9 **46.134 M4**



Date: 4/9/2012

Test Laboratory: UL CCS SAR Lab C

W-CDMA band V

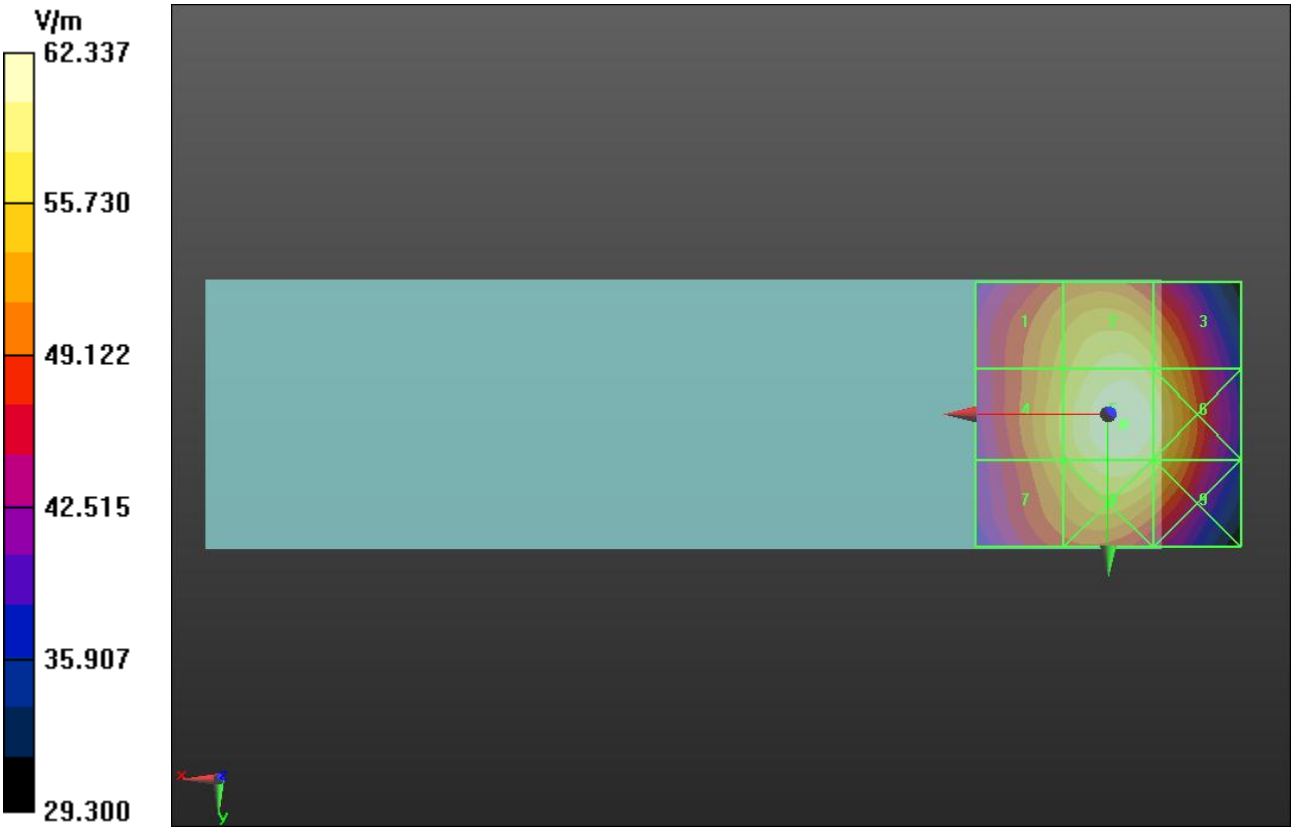
Communication System: UMTS-FDD (WCDMA); Frequency: 826.4 MHz; Duty Cycle: 1:1
Phantom section: RF Section
DASY4 Configuration:
- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 1/20/2012
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn500; Calibrated: 7/14/2011
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (0);SEMCAD X Version 14.4.5 (3634)

E-Field, R99 RMC 12.2kbps/L ch/Hearing Aid Compatibility Test (101x101x1):

Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 62.337 V/m
Probe Modulation Factor = 0.890
Device Reference Point: 0, 0, -6.3 mm
Reference Value = 94.674 V/m; Power Drift = 0.15 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

Grid 1 **54.917 M4**	Grid 2 **59.308 M4**	Grid 3 **56.864 M4**
Grid 4 **56.560 M4**	Grid 5 **62.337 M4**	Grid 6 **59.954 M4**
Grid 7 **54.956 M4**	Grid 8 **60.030 M4**	Grid 9 **57.536 M4**



Date: 4/9/2012

Test Laboratory: UL CCS SAR Lab C

W-CDMA band V

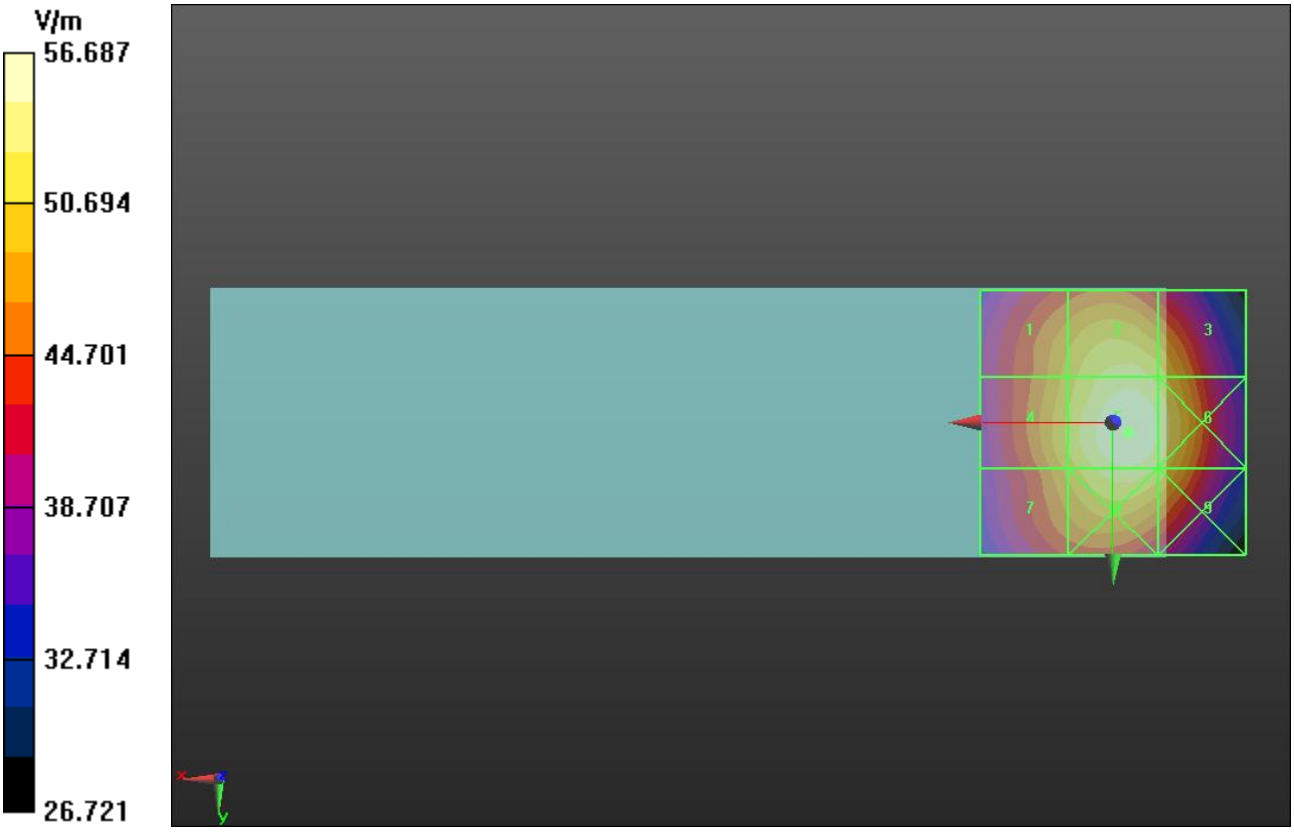
Communication System: UMTS-FDD (WCDMA); Frequency: 836.6 MHz; Duty Cycle: 1:1
Phantom section: RF Section
DASY4 Configuration:
- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 1/20/2012
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn500; Calibrated: 7/14/2011
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (0);SEMCAD X Version 14.4.5 (3634)

E-Field, R99 RMC 12.2kbps/M ch/Hearing Aid Compatibility Test (101x101x1):

Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 56.687 V/m
Probe Modulation Factor = 0.890
Device Reference Point: 0, 0, -6.3 mm
Reference Value = 86.598 V/m; Power Drift = 0.06 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

Grid 1 **49.661 M4**	Grid 2 **53.868 M4**	Grid 3 **52.072 M4**
Grid 4 **51.145 M4**	Grid 5 **56.687 M4**	Grid 6 **54.818 M4**
Grid 7 **49.515 M4**	Grid 8 **54.469 M4**	Grid 9 **52.474 M4**



Date: 4/9/2012

Test Laboratory: UL CCS SAR Lab C

W-CDMA band V

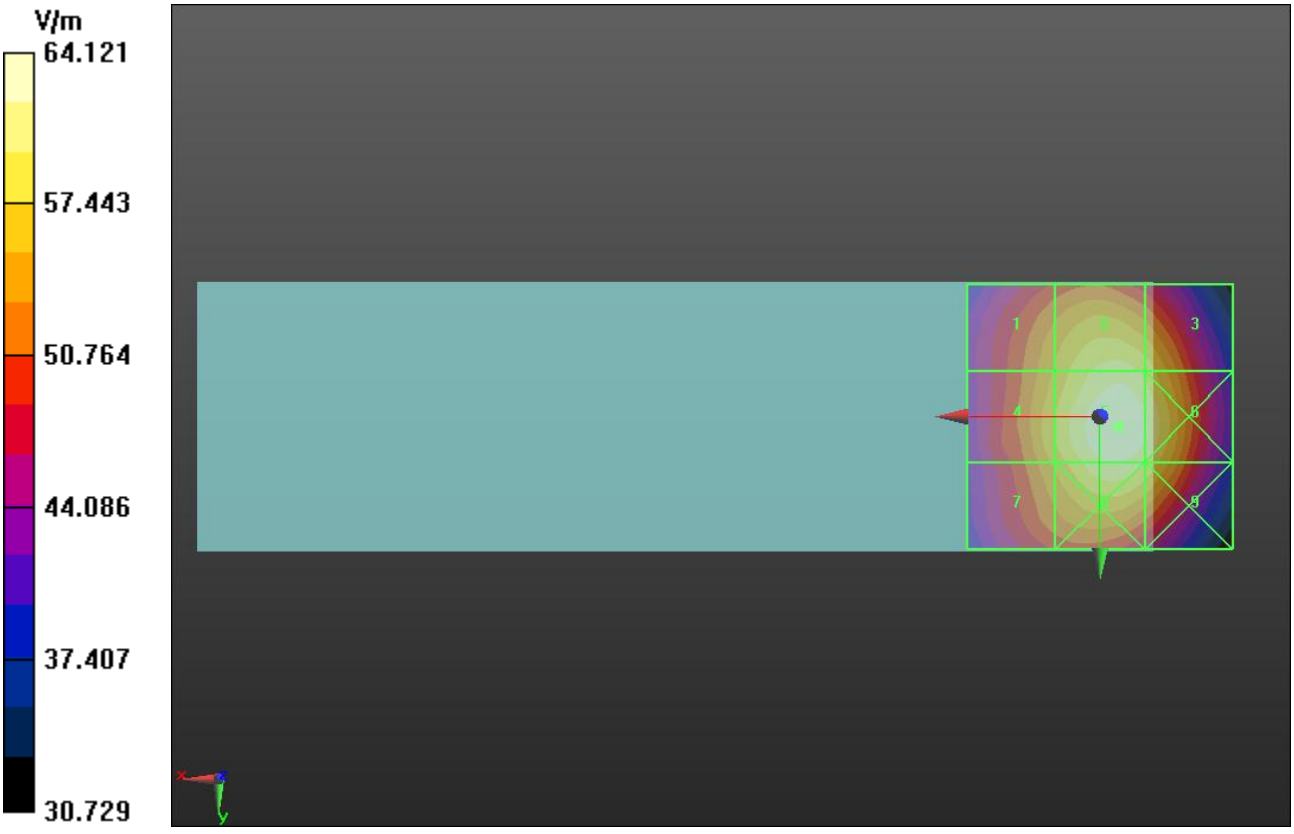
Communication System: UMTS-FDD (WCDMA); Frequency: 846.6 MHz; Duty Cycle: 1:1
Phantom section: RF Section
DASY4 Configuration:
- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 1/20/2012
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn500; Calibrated: 7/14/2011
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (0);SEMCAD X Version 14.4.5 (3634)

E-Field, R99 RMC 12.2kbps/H ch/Hearing Aid Compatibility Test (101x101x1):

Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 64.121 V/m
Probe Modulation Factor = 0.890
Device Reference Point: 0, 0, -6.3 mm
Reference Value = 99.359 V/m; Power Drift = -0.07 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

Grid 1 **55.610 M4**	Grid 2 **60.813 M4**	Grid 3 **59.079 M4**
Grid 4 **57.518 M4**	Grid 5 **64.121 M4**	Grid 6 **62.273 M4**
Grid 7 **55.898 M4**	Grid 8 **62.094 M4**	Grid 9 **59.943 M4**



Date: 4/9/2012

Test Laboratory: UL CCS SAR Lab C

W-CDMA band II

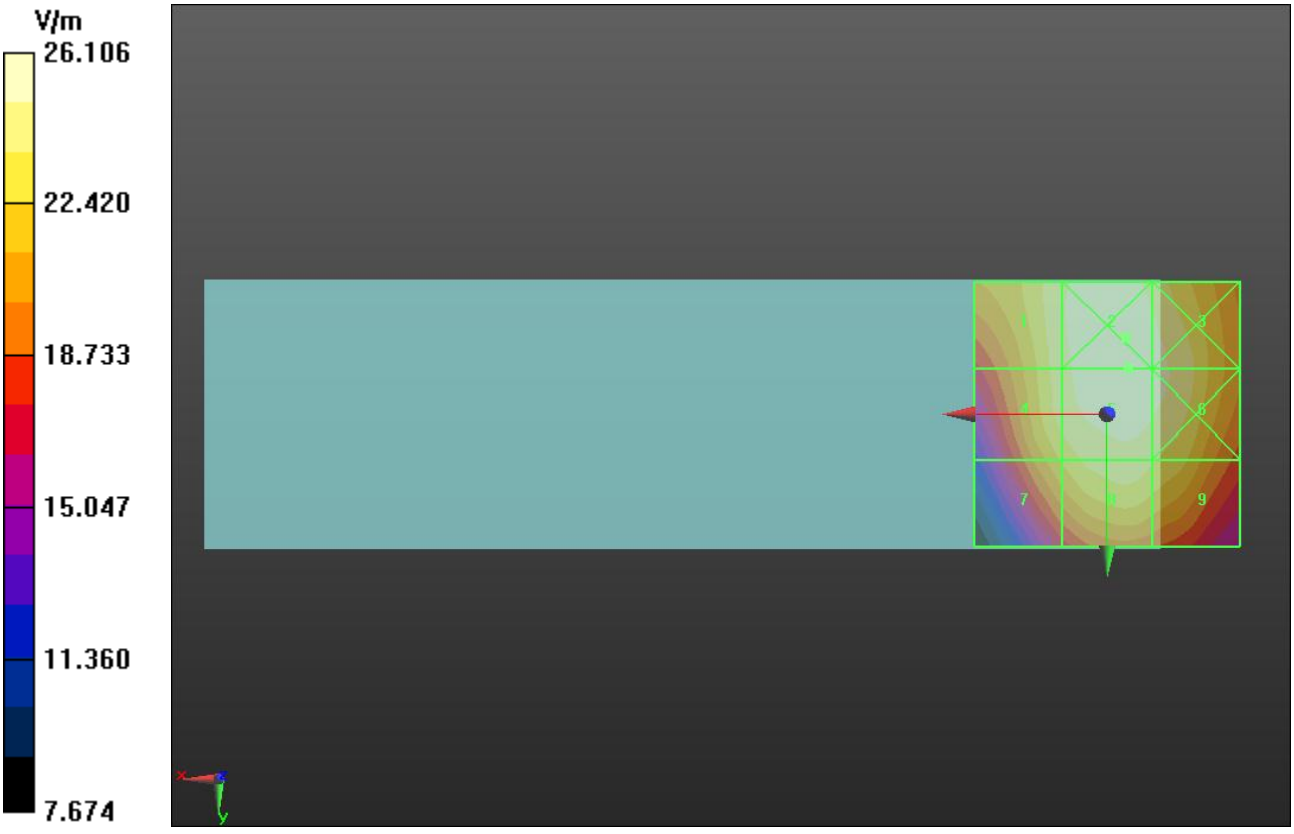
Communication System: UMTS-FDD (WCDMA); Frequency: 1852.4 MHz; Duty Cycle: 1:1
Phantom section: RF Section
DASY4 Configuration:
- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 1/20/2012
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn500; Calibrated: 7/14/2011
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (0);SEMCAD X Version 14.4.5 (3634)

E-Field, R99 RMC 12.2kbps/L ch/Hearing Aid Compatibility Test (101x101x1):

Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 26.012 V/m
Probe Modulation Factor = 0.960
Device Reference Point: 0, 0, -6.3 mm
Reference Value = 31.434 V/m; Power Drift = 0.15 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

Grid 1 **24.709 M4**	Grid 2 **26.106 M4**	Grid 3 **25.462 M4**
Grid 4 **24.451 M4**	Grid 5 **26.012 M4**	Grid 6 **25.471 M4**
Grid 7 **22.646 M4**	Grid 8 **24.471 M4**	Grid 9 **23.833 M4**



Date: 4/9/2012

Test Laboratory: UL CCS SAR Lab C

W-CDMA band II

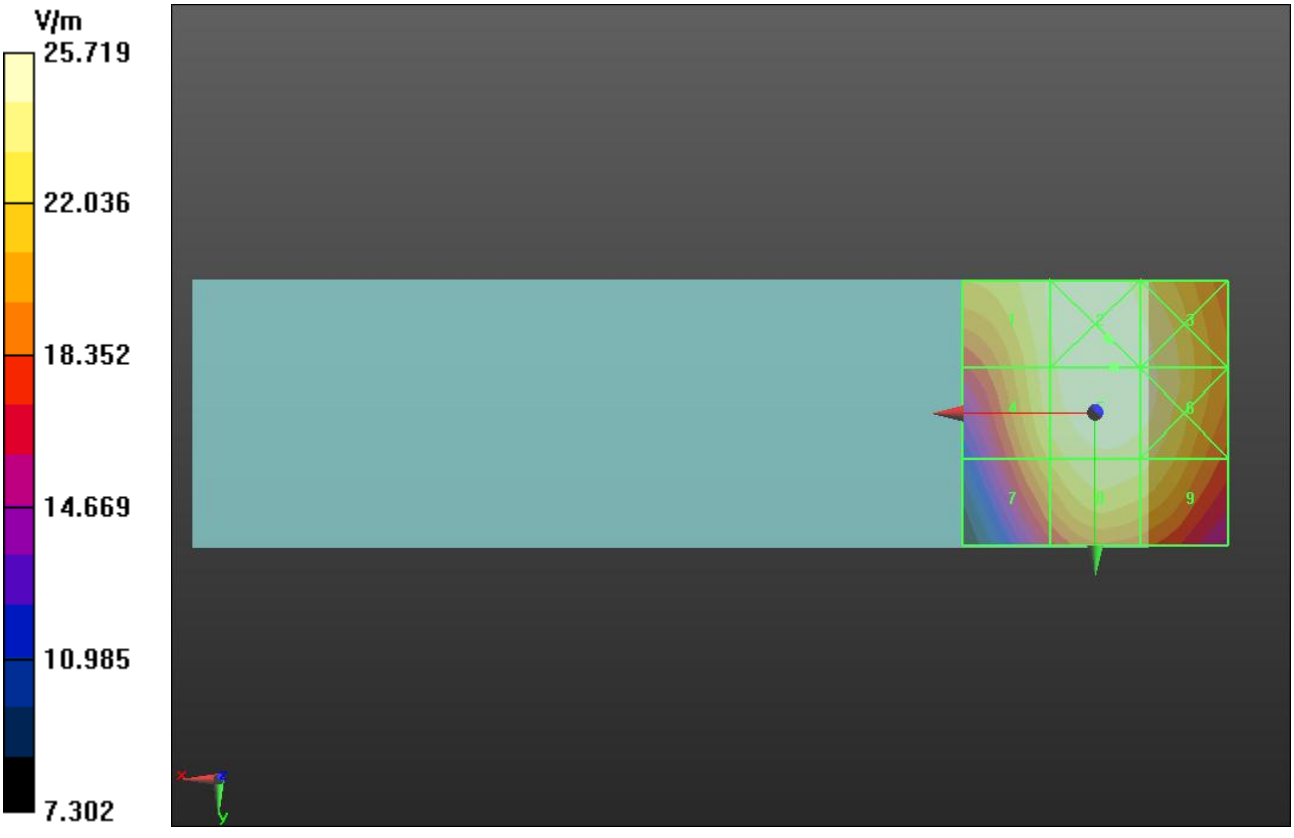
Communication System: UMTS-FDD (WCDMA); Frequency: 1880 MHz; Duty Cycle: 1:1
Phantom section: RF Section
DASY4 Configuration:
- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 1/20/2012
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn500; Calibrated: 7/14/2011
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (0);SEMCAD X Version 14.4.5 (3634)

E-Field, R99 RMC 12.2kbps/M ch/Hearing Aid Compatibility Test (101x101x1):

Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 25.664 V/m
Probe Modulation Factor = 0.960
Device Reference Point: 0, 0, -6.3 mm
Reference Value = 31.572 V/m; Power Drift = 0.02 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

Grid 1 **24.719 M4**	Grid 2 **25.719 M4**	Grid 3 **25.079 M4**
Grid 4 **24.122 M4**	Grid 5 **25.664 M4**	Grid 6 **25.147 M4**
Grid 7 **22.313 M4**	Grid 8 **24.285 M4**	Grid 9 **23.782 M4**



Date: 4/9/2012

Test Laboratory: UL CCS SAR Lab C

W-CDMA band II

Communication System: UMTS-FDD (WCDMA); Frequency: 1907.6 MHz; Duty Cycle: 1:1
Phantom section: RF Section
DASY4 Configuration:
- Probe: ER3DV6 - SN2339; ConvF(1, 1, 1); Calibrated: 1/20/2012
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn500; Calibrated: 7/14/2011
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (0);SEMCAD X Version 14.4.5 (3634)

E-Field, R99 RMC 12.2kbps/H ch/Hearing Aid Compatibility Test (101x101x1):

Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 28.076 V/m
Probe Modulation Factor = 0.960
Device Reference Point: 0, 0, -6.3 mm
Reference Value = 35.038 V/m; Power Drift = 0.03 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

Grid 1 **26.747 M4**	Grid 2 **28.042 M4**	Grid 3 **27.732 M4**
Grid 4 **26.416 M4**	Grid 5 **28.076 M4**	Grid 6 **27.814 M4**
Grid 7 **24.571 M4**	Grid 8 **26.852 M4**	Grid 9 **26.344 M4**