Date: 8/12/2012

Test Laboratory: UL CCS SAR Lab C

GSM 850

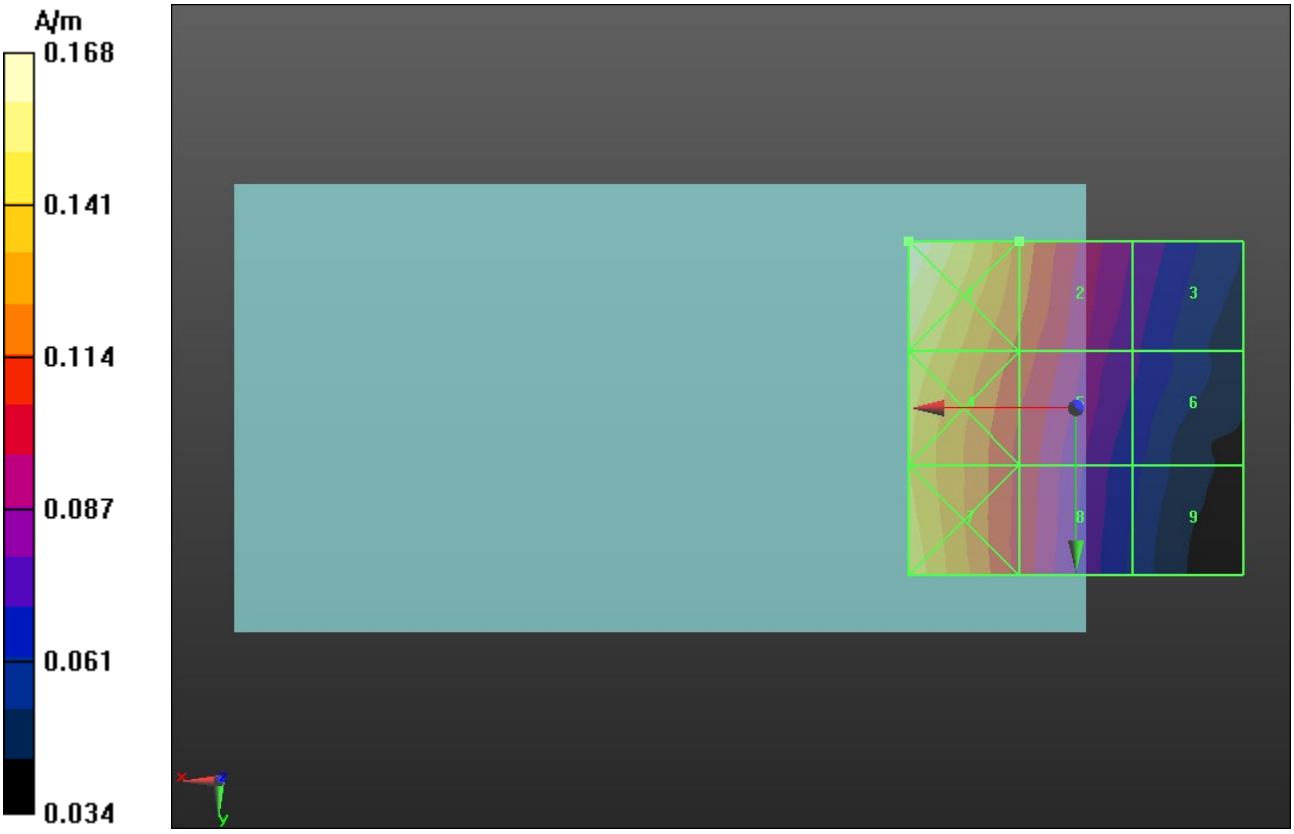
Communication System: GPRS-FDD (TDMA, GMSK, 1 slot); Frequency: 824.4 MHz; Duty Cycle: 1:8.00018
Phantom section: RF Section
DASY5 Configuration:
- Probe: H3DV6 - SN6157; ; Calibrated: 1/30/2012
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1239; Calibrated: 6/6/2012
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (1);SEMCAD X Version 14.4.5 (3634)

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

Maximum value of peak Total field = 0.120 A/m
Probe Modulation Factor = 2.790
Device Reference Point: 0, 0, -6.3 mm
Reference Value = 0.032 A/m; Power Drift = -0.0094 dB
Hearing Aid Near-Field Category: M4 (AWF -5 dB)

Peak H-field in A/m

Grid 1 **0.168 M4**	Grid 2 **0.120 M4**	Grid 3 **0.079 M4**
Grid 4 **0.149 M4**	Grid 5 **0.112 M4**	Grid 6 **0.072 M4**
Grid 7 **0.150 M4**	Grid 8 **0.103 M4**	Grid 9 **0.064 M4**



Date: 8/12/2012

Test Laboratory: UL CCS SAR Lab C

GSM 850

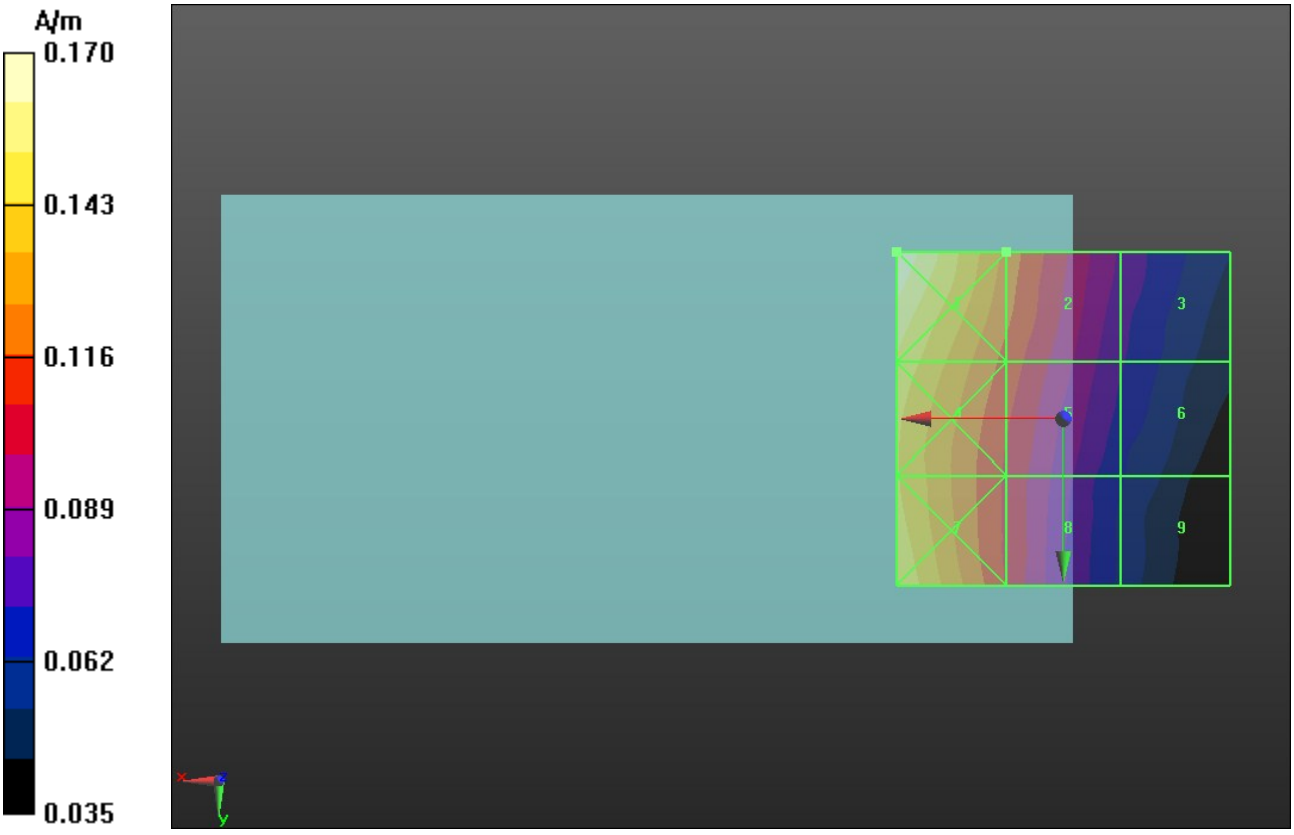
Communication System: GPRS-FDD (TDMA, GMSK, 1 slot); Frequency: 836.6 MHz; Duty Cycle: 1:8.00018
Phantom section: RF Section
DASY5 Configuration:
- Probe: H3DV6 - SN6157; ; Calibrated: 1/30/2012
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1239; Calibrated: 6/6/2012
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (1);SEMCAD X Version 14.4.5 (3634)

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

Maximum value of peak Total field = 0.123 A/m
Probe Modulation Factor = 2.790
Device Reference Point: 0, 0, -6.3 mm
Reference Value = 0.033 A/m; Power Drift = 0.06 dB
Hearing Aid Near-Field Category: M4 (AWF -5 dB)

Peak H-field in A/m

Grid 1 **0.170 M4**	Grid 2 **0.123 M4**	Grid 3 **0.079 M4**
Grid 4 **0.151 M4**	Grid 5 **0.113 M4**	Grid 6 **0.073 M4**
Grid 7 **0.153 M4**	Grid 8 **0.106 M4**	Grid 9 **0.064 M4**



Date: 8/12/2012

Test Laboratory: UL CCS SAR Lab C

GSM 850

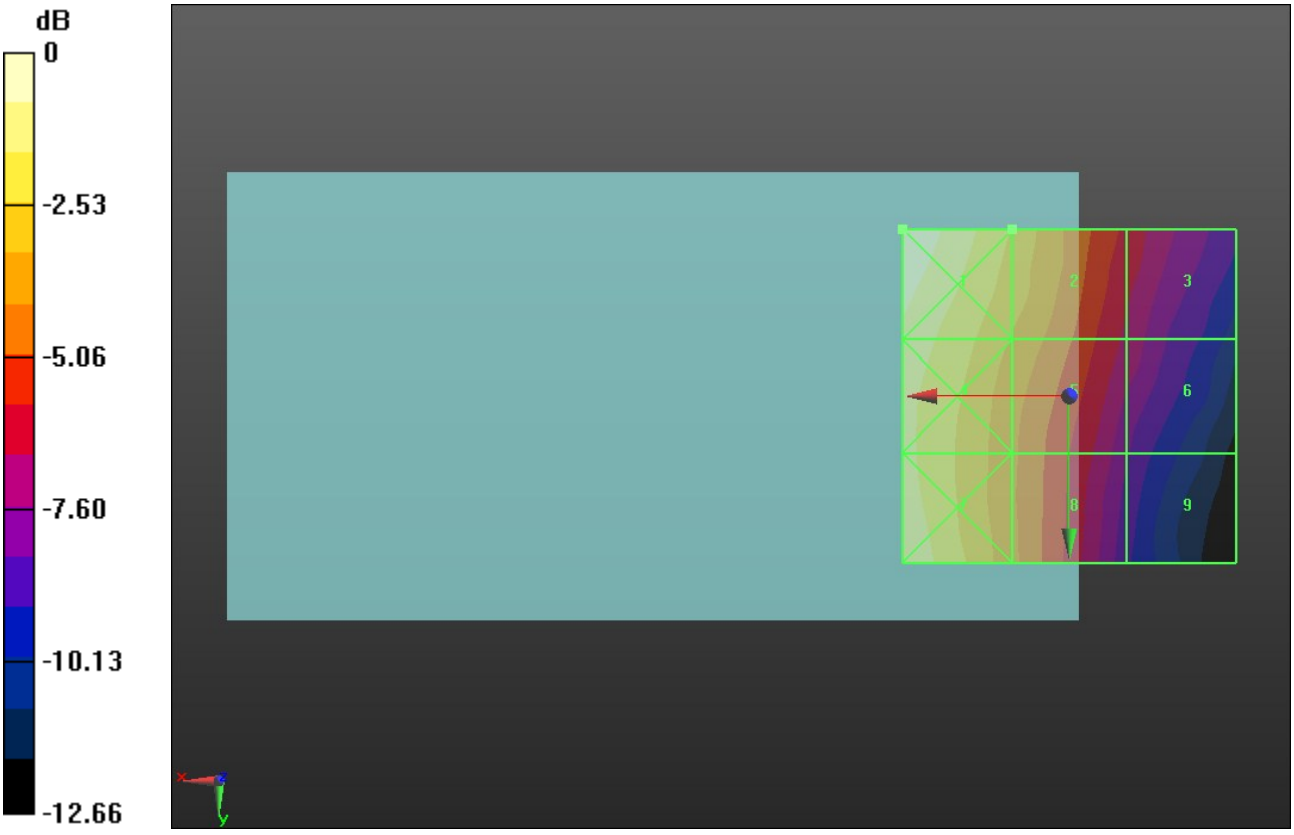
Communication System: GPRS-FDD (TDMA, GMSK, 1 slot); Frequency: 848.8 MHz; Duty Cycle: 1:8.00018
Phantom section: RF Section
DASY5 Configuration:
- Probe: H3DV6 - SN6157; ; Calibrated: 1/30/2012
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1239; Calibrated: 6/6/2012
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (1);SEMCAD X Version 14.4.5 (3634)

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

Maximum value of peak Total field = 0.126 A/m
Probe Modulation Factor = 2.790
Device Reference Point: 0, 0, -6.3 mm
Reference Value = 0.034 A/m; Power Drift = 0.13 dB
Hearing Aid Near-Field Category: M4 (AWF -5 dB)

Peak H-field in A/m

Grid 1 **0.170 M4**	Grid 2 **0.126 M4**	Grid 3 **0.084 M4**
Grid 4 **0.151 M4**	Grid 5 **0.114 M4**	Grid 6 **0.077 M4**
Grid 7 **0.154 M4**	Grid 8 **0.107 M4**	Grid 9 **0.066 M4**



0 dB = 0.170A/m

Date: 8/12/2012

Test Laboratory: UL CCS SAR Lab C

GSM 1900

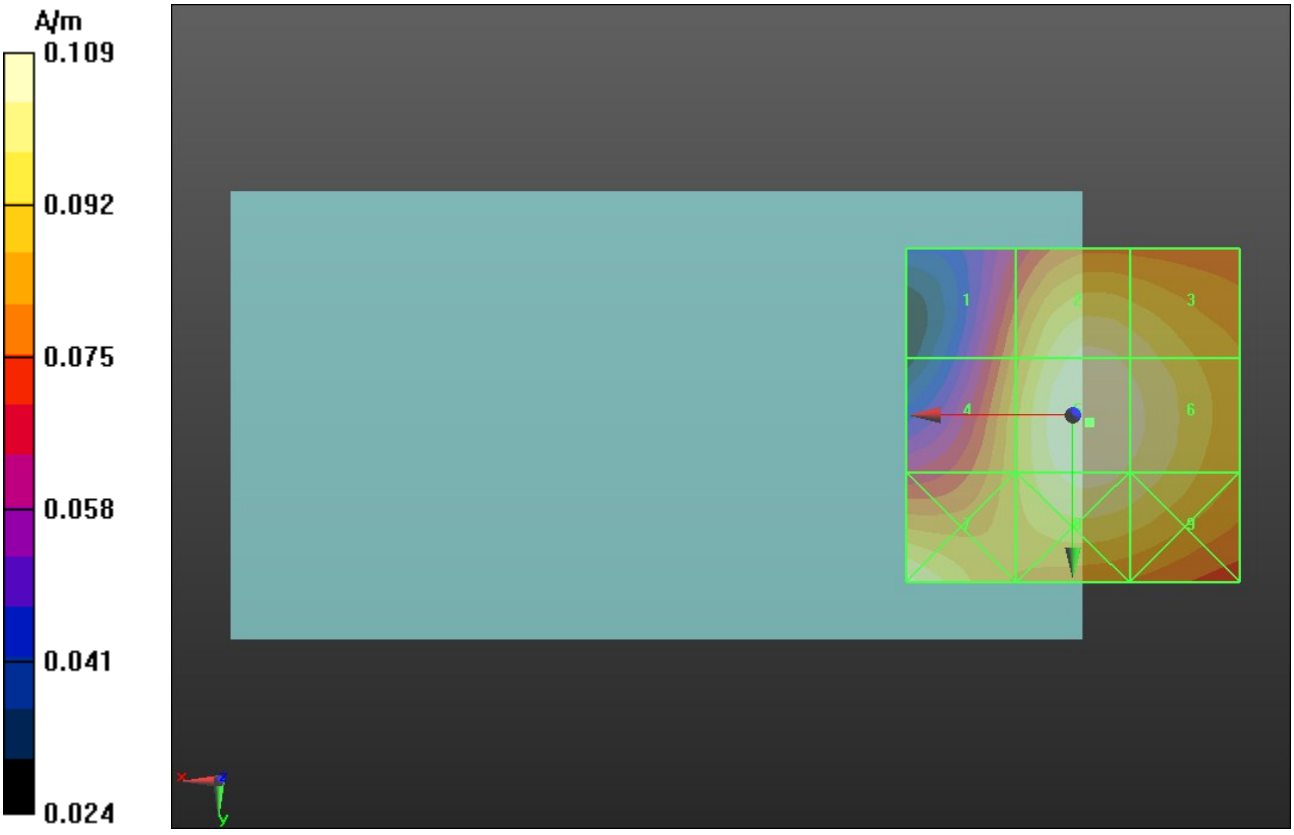
Communication System: GPRS-FDD (TDMA, GMSK, 1 slot); Frequency: 1850.2 MHz; Duty Cycle: 1:8.00018
Phantom section: RF Section
DASY5 Configuration:
- Probe: H3DV6 - SN6157; ; Calibrated: 1/30/2012
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1239; Calibrated: 6/6/2012
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (1);SEMCAD X Version 14.4.5 (3634)

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

Maximum value of peak Total field = 0.109 A/m
Probe Modulation Factor = 2.840
Device Reference Point: 0, 0, -6.3 mm
Reference Value = 0.050 A/m; Power Drift = 0.07 dB
Hearing Aid Near-Field Category: M4 (AWF -5 dB)

Peak H-field in A/m

Grid 1 **0.084 M4**	Grid 2 **0.105 M4**	Grid 3 **0.102 M4**
Grid 4 **0.091 M4**	Grid 5 **0.109 M4**	Grid 6 **0.105 M4**
Grid 7 **0.106 M4**	Grid 8 **0.105 M4**	Grid 9 **0.102 M4**



Date: 8/12/2012

Test Laboratory: UL CCS SAR Lab C

GSM 1900

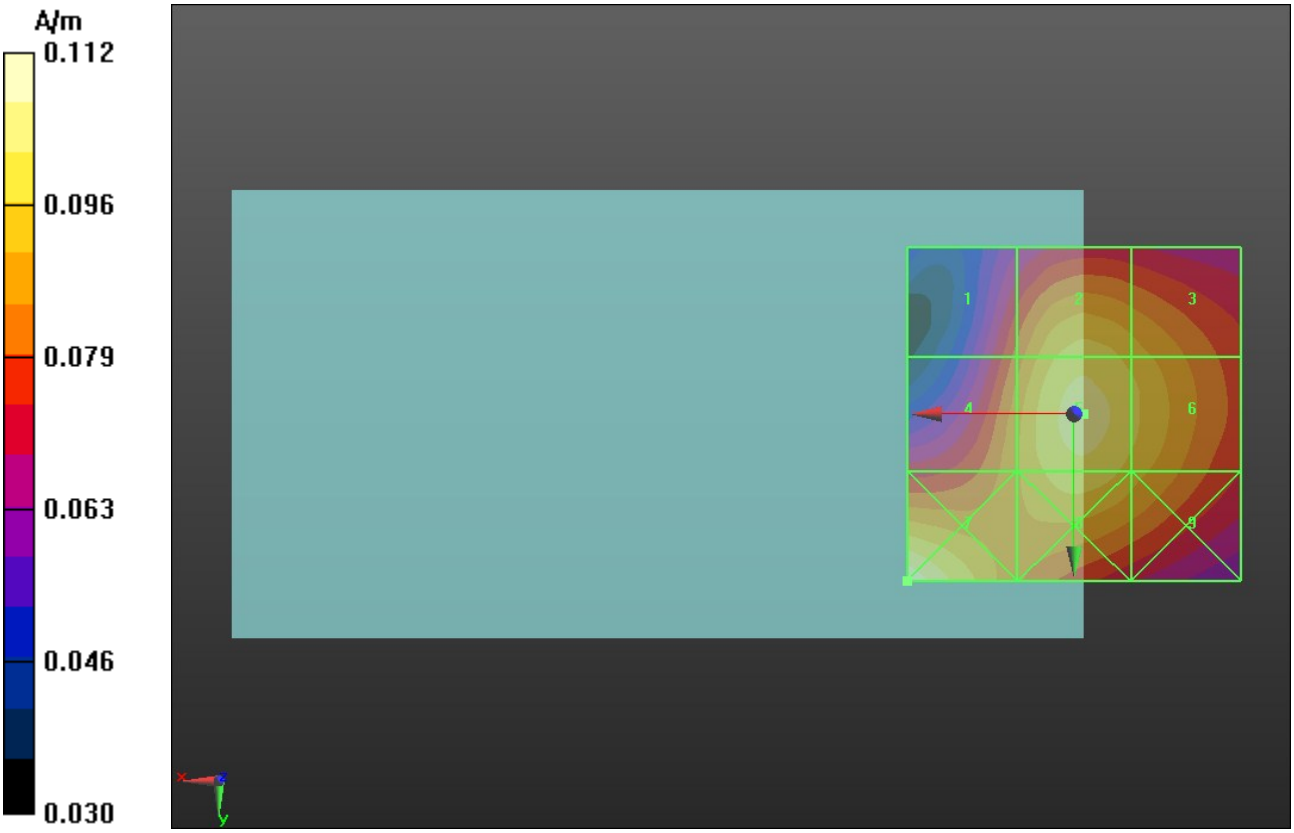
Communication System: GPRS-FDD (TDMA, GMSK, 1 slot); Frequency: 1880 MHz; Duty Cycle: 1:8.00018
Phantom section: RF Section
DASY5 Configuration:
- Probe: H3DV6 - SN6157; ; Calibrated: 1/30/2012
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1239; Calibrated: 6/6/2012
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (1);SEMCAD X Version 14.4.5 (3634)

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

Maximum value of peak Total field = 0.103 A/m
Probe Modulation Factor = 2.840
Device Reference Point: 0, 0, -6.3 mm
Reference Value = 0.047 A/m; Power Drift = -0.05 dB
Hearing Aid Near-Field Category: M4 (AWF -5 dB)

Peak H-field in A/m

Grid 1 **0.082 M4**	Grid 2 **0.099 M4**	Grid 3 **0.094 M4**
Grid 4 **0.090 M4**	Grid 5 **0.103 M4**	Grid 6 **0.097 M4**
Grid 7 **0.112 M4**	Grid 8 **0.099 M4**	Grid 9 **0.093 M4**



Date: 8/12/2012

Test Laboratory: UL CCS SAR Lab C

GSM 1900

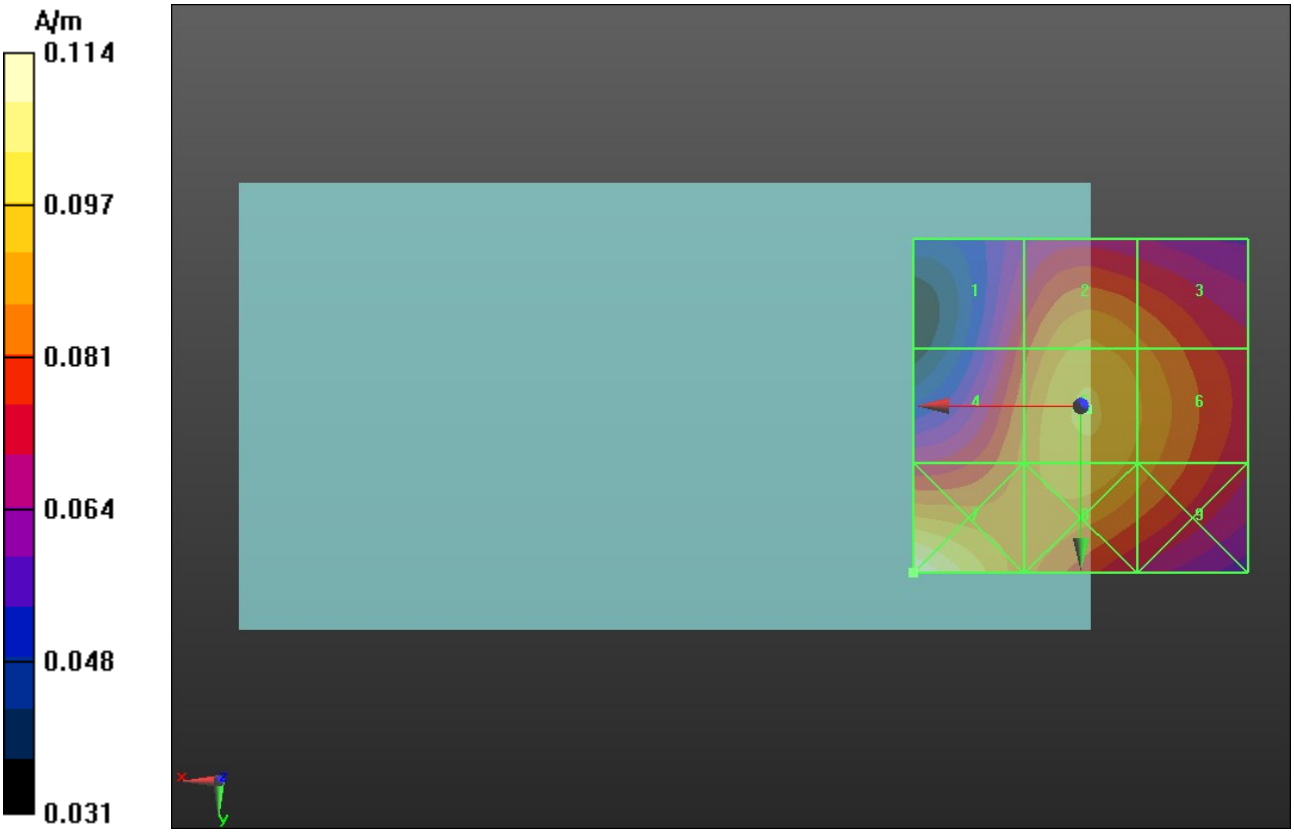
Communication System: GPRS-FDD (TDMA, GMSK, 1 slot); Frequency: 1909.8 MHz; Duty Cycle: 1:8.00018
Phantom section: RF Section
DASY5 Configuration:
- Probe: H3DV6 - SN6157; ; Calibrated: 1/30/2012
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1239; Calibrated: 6/6/2012
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (1);SEMCAD X Version 14.4.5 (3634)

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

Maximum value of peak Total field = 0.098 A/m
Probe Modulation Factor = 2.840
Device Reference Point: 0, 0, -6.3 mm
Reference Value = 0.044 A/m; Power Drift = -0.04 dB
Hearing Aid Near-Field Category: M4 (AWF -5 dB)

Peak H-field in A/m

Grid 1 **0.079 M4**	Grid 2 **0.093 M4**	Grid 3 **0.088 M4**
Grid 4 **0.088 M4**	Grid 5 **0.098 M4**	Grid 6 **0.093 M4**
Grid 7 **0.114 M4**	Grid 8 **0.096 M4**	Grid 9 **0.090 M4**



Date: 8/12/2012

Test Laboratory: UL CCS SAR Lab C

W-CDMA Band V

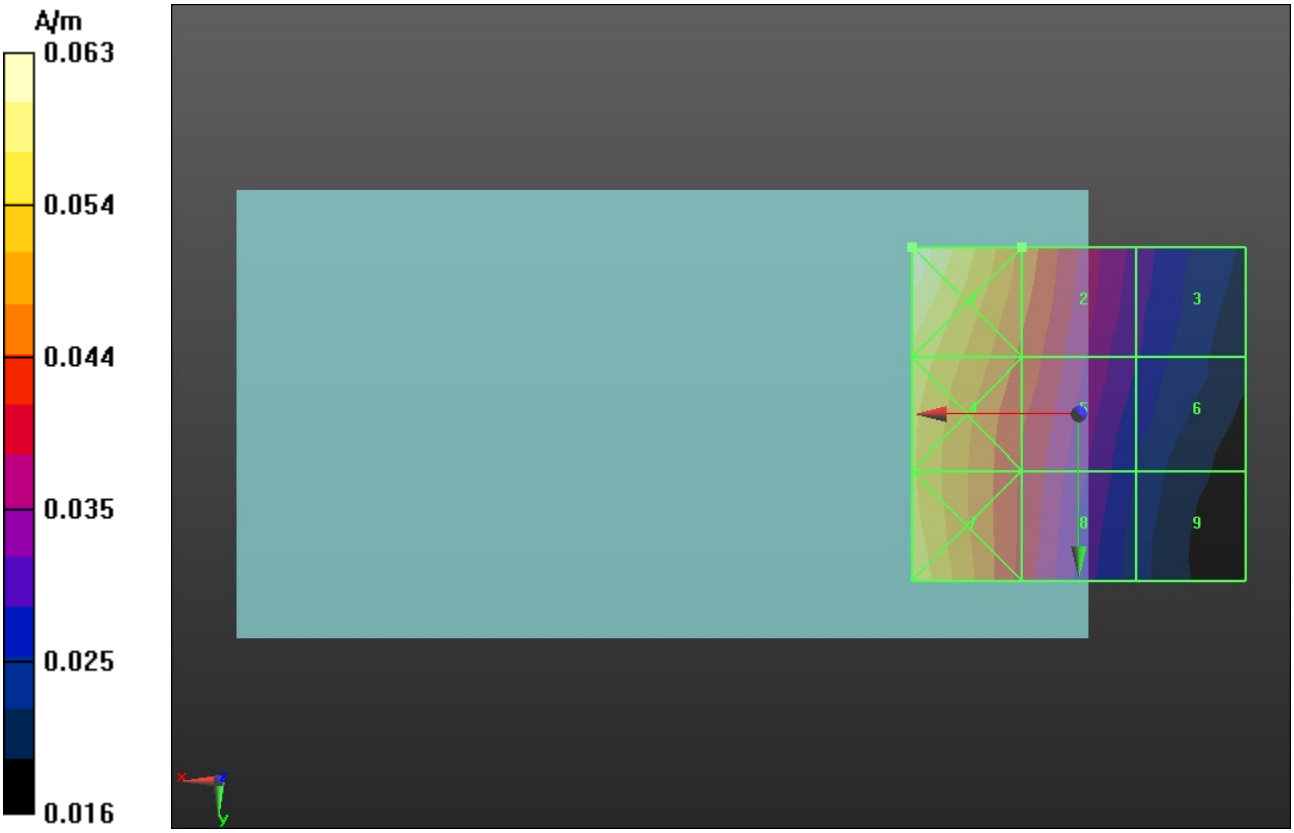
Communication System: UMTS-FDD (WCDMA); Frequency: 826.4 MHz; Duty Cycle: 1:1
Phantom section: RF Section
DASY5 Configuration:
- Probe: H3DV6 - SN6157; ; Calibrated: 1/30/2012
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1239; Calibrated: 6/6/2012
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (1);SEMCAD X Version 14.4.5 (3634)

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

Maximum value of peak Total field = 0.047 A/m
Probe Modulation Factor = 0.900
Device Reference Point: 0, 0, -6.3 mm
Reference Value = 0.040 A/m; Power Drift = 0.0095 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

Grid 1 **0.063 M4**	Grid 2 **0.047 M4**	Grid 3 **0.031 M4**
Grid 4 **0.056 M4**	Grid 5 **0.043 M4**	Grid 6 **0.029 M4**
Grid 7 **0.057 M4**	Grid 8 **0.041 M4**	Grid 9 **0.025 M4**



Date: 8/12/2012

Test Laboratory: UL CCS SAR Lab C

W-CDMA Band V

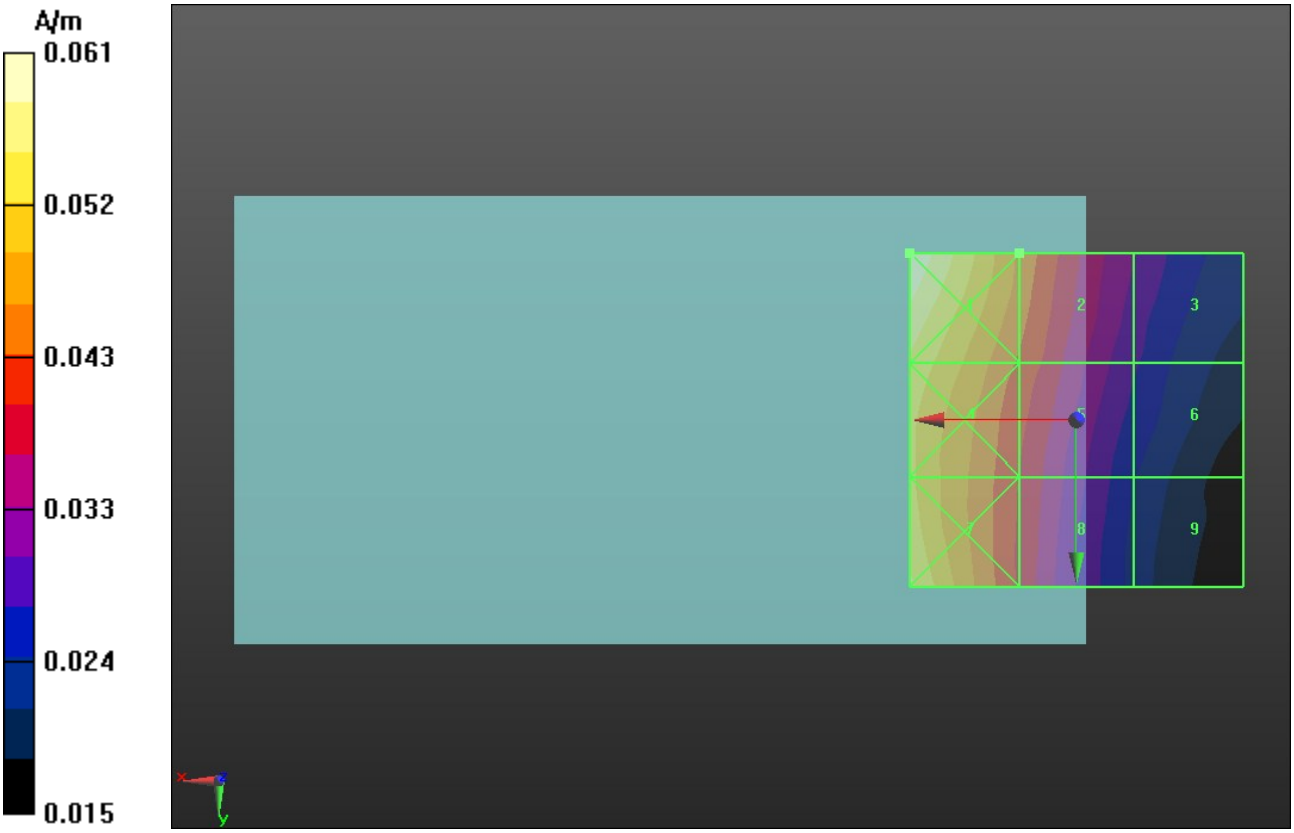
Communication System: UMTS-FDD (WCDMA); Frequency: 836.6 MHz; Duty Cycle: 1:1
Phantom section: RF Section
DASY5 Configuration:
- Probe: H3DV6 - SN6157; ; Calibrated: 1/30/2012
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1239; Calibrated: 6/6/2012
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (1);SEMCAD X Version 14.4.5 (3634)

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

Maximum value of peak Total field = 0.045 A/m
Probe Modulation Factor = 0.900
Device Reference Point: 0, 0, -6.3 mm
Reference Value = 0.039 A/m; Power Drift = 0.06 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

Grid 1 **0.061 M4**	Grid 2 **0.045 M4**	Grid 3 **0.031 M4**
Grid 4 **0.055 M4**	Grid 5 **0.042 M4**	Grid 6 **0.028 M4**
Grid 7 **0.056 M4**	Grid 8 **0.040 M4**	Grid 9 **0.025 M4**



Date: 8/12/2012

Test Laboratory: UL CCS SAR Lab C

W-CDMA Band V

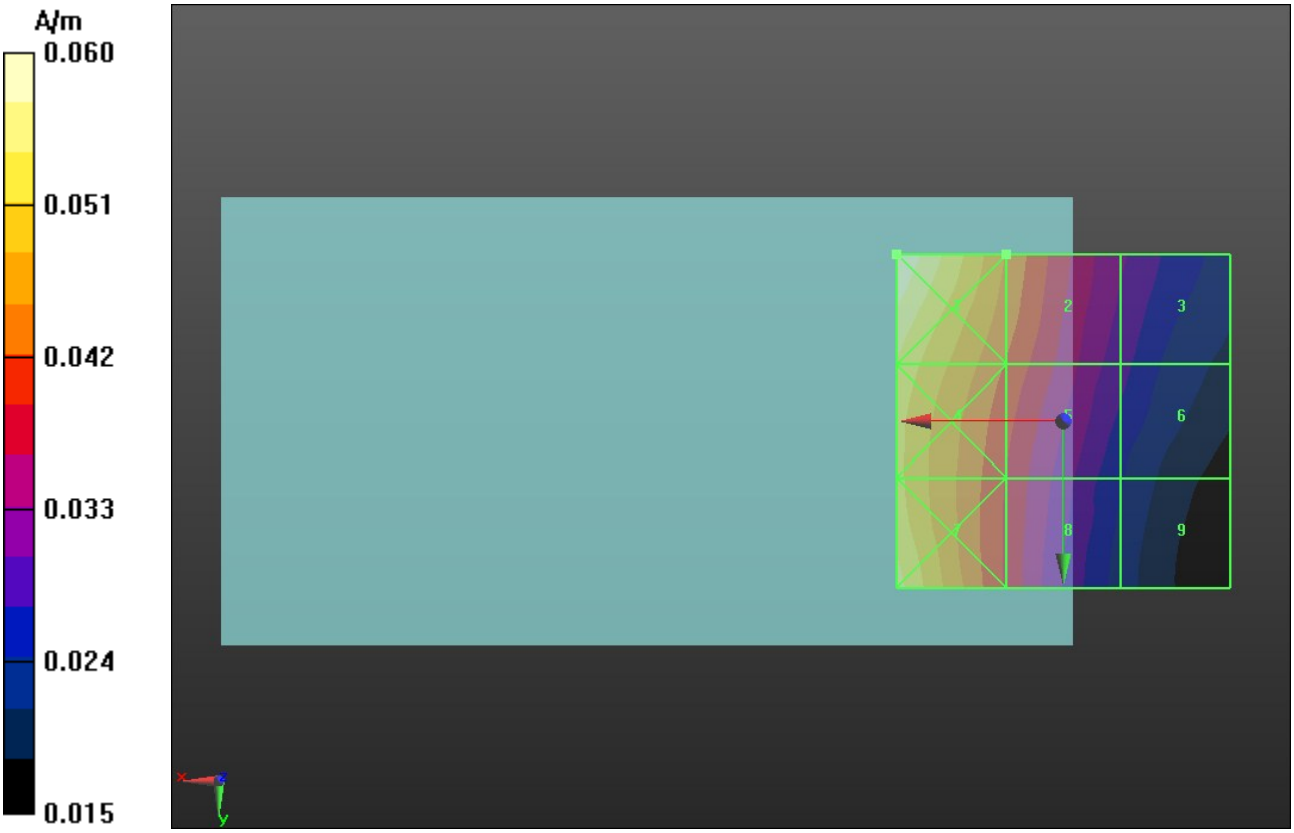
Communication System: UMTS-FDD (WCDMA); Frequency: 846.6 MHz; Duty Cycle: 1:1
Phantom section: RF Section
DASY5 Configuration:
- Probe: H3DV6 - SN6157; ; Calibrated: 1/30/2012
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1239; Calibrated: 6/6/2012
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (1);SEMCAD X Version 14.4.5 (3634)

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

Maximum value of peak Total field = 0.045 A/m
Probe Modulation Factor = 0.900
Device Reference Point: 0, 0, -6.3 mm
Reference Value = 0.039 A/m; Power Drift = 0.07 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

Grid 1 **0.060 M4**	Grid 2 **0.045 M4**	Grid 3 **0.031 M4**
Grid 4 **0.054 M4**	Grid 5 **0.042 M4**	Grid 6 **0.028 M4**
Grid 7 **0.055 M4**	Grid 8 **0.039 M4**	Grid 9 **0.025 M4**



Date: 8/12/2012

Test Laboratory: UL CCS SAR Lab C

W-CDMA Band IV

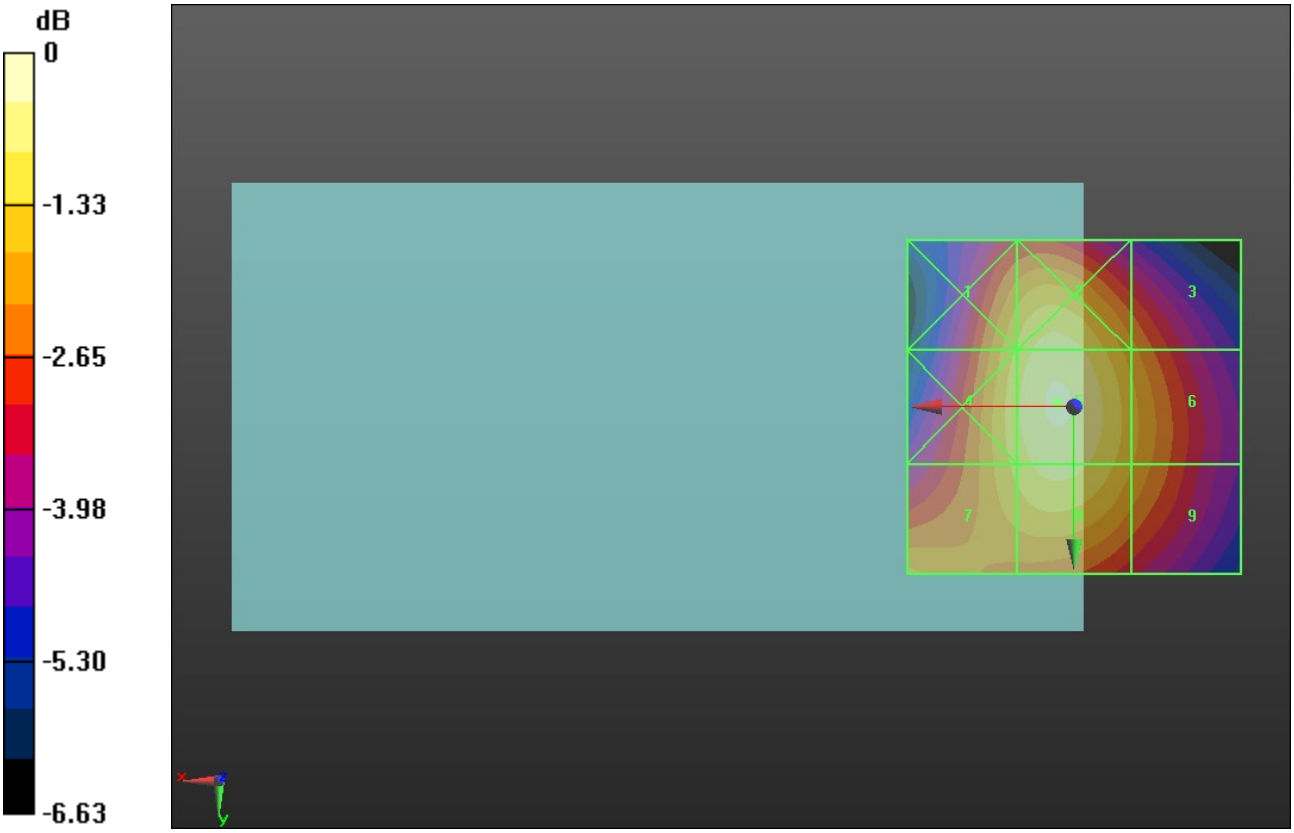
Communication System: UMTS-FDD (WCDMA); Frequency: 1712.4 MHz; Duty Cycle: 1:1
Phantom section: RF Section
DASY5 Configuration:
- Probe: H3DV6 - SN6157; ; Calibrated: 1/30/2012
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1239; Calibrated: 6/6/2012
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (1);SEMCAD X Version 14.4.5 (3634)

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

Maximum value of peak Total field = 0.057 A/m
Probe Modulation Factor = 0.950
Device Reference Point: 0, 0, -6.3 mm
Reference Value = 0.074 A/m; Power Drift = 0.07 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

Grid 1 **0.052 M4**	Grid 2 **0.056 M4**	Grid 3 **0.048 M4**
Grid 4 **0.054 M4**	Grid 5 **0.057 M4**	Grid 6 **0.050 M4**
Grid 7 **0.053 M4**	Grid 8 **0.055 M4**	Grid 9 **0.049 M4**



0 dB = 0.060A/m

Date: 8/12/2012

Test Laboratory: UL CCS SAR Lab C

W-CDMA Band IV

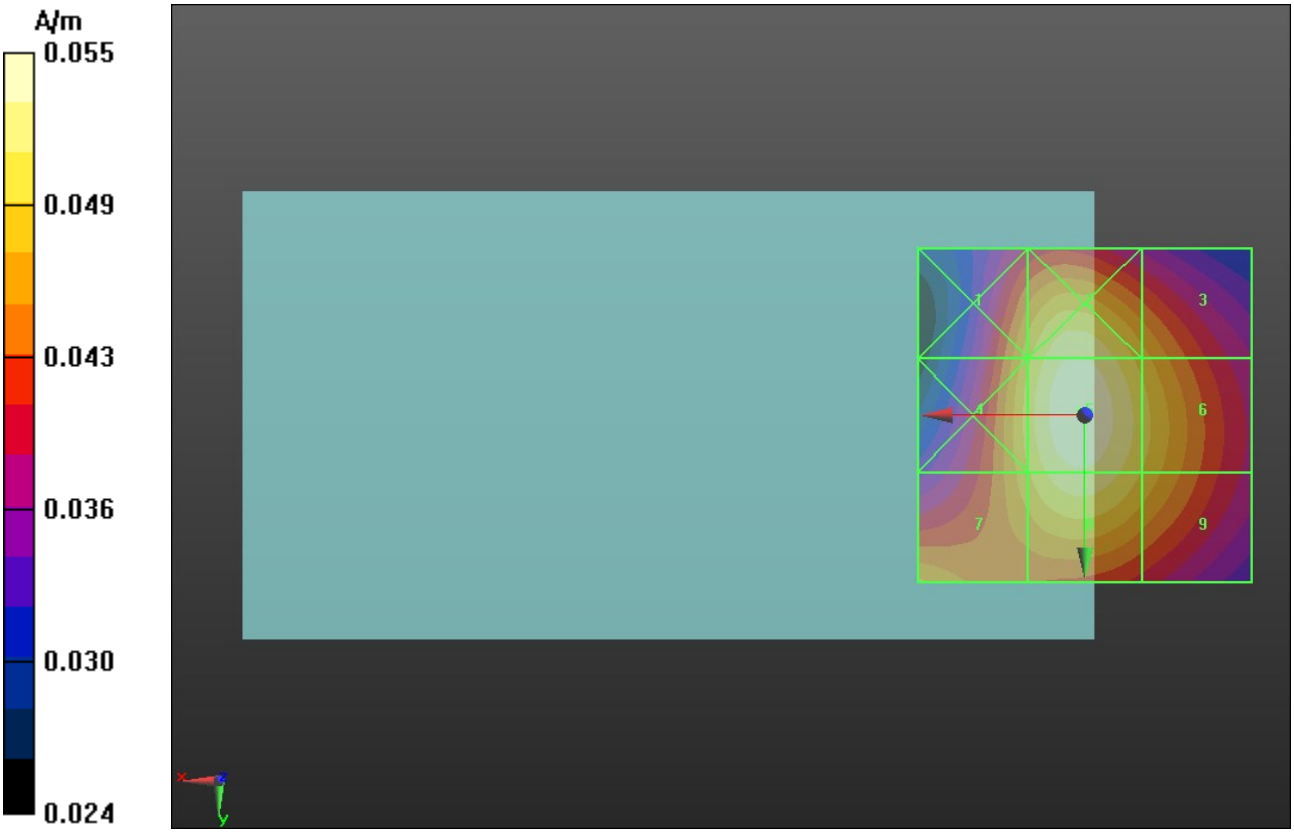
Communication System: UMTS-FDD (WCDMA); Frequency: 1732.4 MHz; Duty Cycle: 1:1
Phantom section: RF Section
DASY5 Configuration:
- Probe: H3DV6 - SN6157; ; Calibrated: 1/30/2012
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1239; Calibrated: 6/6/2012
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (1);SEMCAD X Version 14.4.5 (3634)

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

Maximum value of peak Total field = 0.055 A/m
Probe Modulation Factor = 0.950
Device Reference Point: 0, 0, -6.3 mm
Reference Value = 0.071 A/m; Power Drift = 0.01 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

Grid 1 **0.048 M4**	Grid 2 **0.053 M4**	Grid 3 **0.048 M4**
Grid 4 **0.050 M4**	Grid 5 **0.055 M4**	Grid 6 **0.050 M4**
Grid 7 **0.049 M4**	Grid 8 **0.053 M4**	Grid 9 **0.049 M4**



Date: 8/12/2012

Test Laboratory: UL CCS SAR Lab C

W-CDMA Band IV

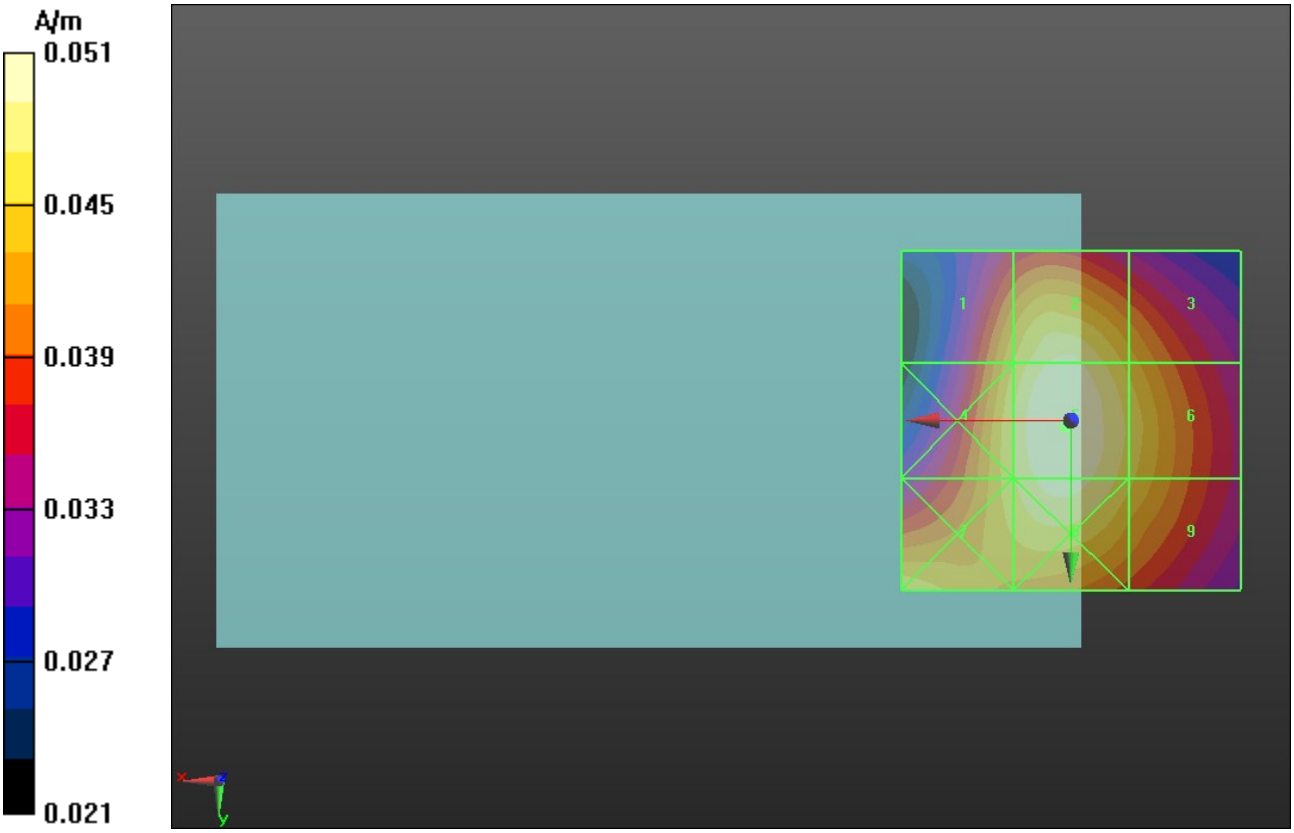
Communication System: UMTS-FDD (WCDMA); Frequency: 1752.5 MHz; Duty Cycle: 1:1
Phantom section: RF Section
DASY5 Configuration:
- Probe: H3DV6 - SN6157; ; Calibrated: 1/30/2012
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1239; Calibrated: 6/6/2012
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (1);SEMCAD X Version 14.4.5 (3634)

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

Maximum value of peak Total field = 0.051 A/m
Probe Modulation Factor = 0.950
Device Reference Point: 0, 0, -6.3 mm
Reference Value = 0.068 A/m; Power Drift = -0.07 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

Grid 1 **0.045 M4**	Grid 2 **0.050 M4**	Grid 3 **0.044 M4**
Grid 4 **0.047 M4**	Grid 5 **0.051 M4**	Grid 6 **0.047 M4**
Grid 7 **0.047 M4**	Grid 8 **0.050 M4**	Grid 9 **0.046 M4**



Date: 8/12/2012

Test Laboratory: UL CCS SAR Lab C

W-CDMA Band II

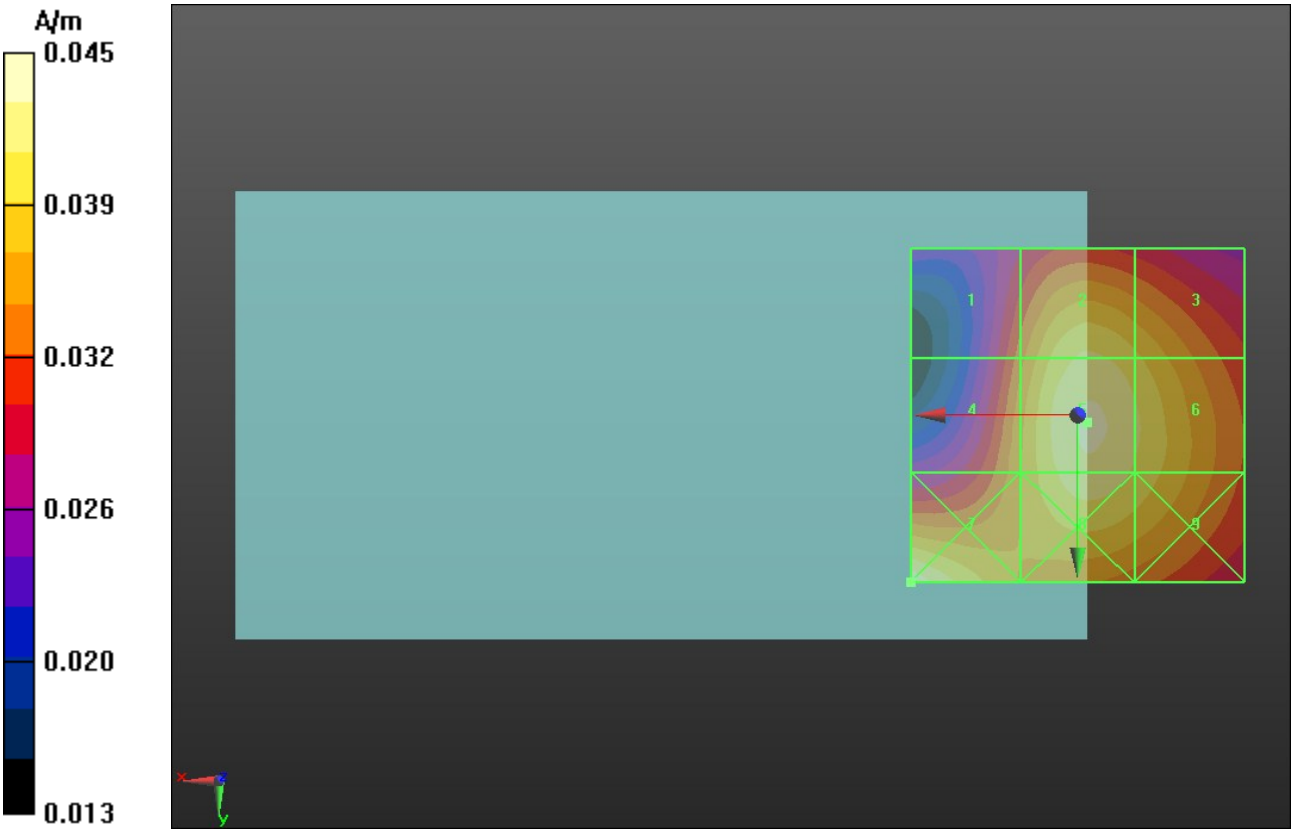
Communication System: UMTS-FDD (WCDMA); Frequency: 1852.4 MHz; Duty Cycle: 1:1
Phantom section: RF Section
DASY5 Configuration:
- Probe: H3DV6 - SN6157; ; Calibrated: 1/30/2012
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1239; Calibrated: 6/6/2012
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (1);SEMCAD X Version 14.4.5 (3634)

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

Maximum value of peak Total field = 0.043 A/m
Probe Modulation Factor = 0.950
Device Reference Point: 0, 0, -6.3 mm
Reference Value = 0.058 A/m; Power Drift = 0.03 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

Grid 1 **0.034 M4**	Grid 2 **0.041 M4**	Grid 3 **0.039 M4**
Grid 4 **0.036 M4**	Grid 5 **0.043 M4**	Grid 6 **0.041 M4**
Grid 7 **0.045 M4**	Grid 8 **0.042 M4**	Grid 9 **0.040 M4**



Date: 8/12/2012

Test Laboratory: UL CCS SAR Lab C

W-CDMA Band II

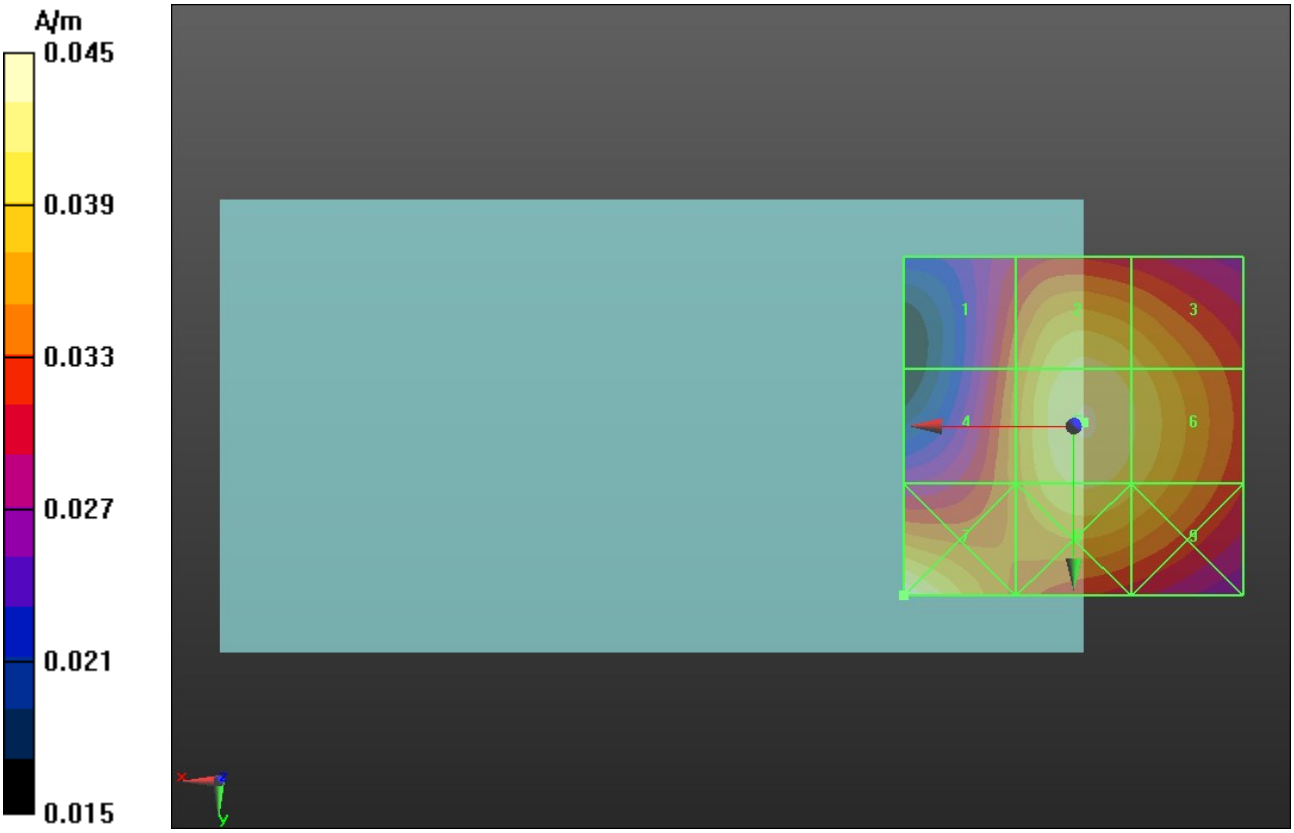
Communication System: UMTS-FDD (WCDMA); Frequency: 1880 MHz; Duty Cycle: 1:1
Phantom section: RF Section
DASY5 Configuration:
- Probe: H3DV6 - SN6157; ; Calibrated: 1/30/2012
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1239; Calibrated: 6/6/2012
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (1);SEMCAD X Version 14.4.5 (3634)

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

Maximum value of peak Total field = 0.043 A/m
Probe Modulation Factor = 0.950
Device Reference Point: 0, 0, -6.3 mm
Reference Value = 0.057 A/m; Power Drift = -0.03 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

Grid 1 **0.035 M4**	Grid 2 **0.042 M4**	Grid 3 **0.040 M4**
Grid 4 **0.036 M4**	Grid 5 **0.043 M4**	Grid 6 **0.041 M4**
Grid 7 **0.045 M4**	Grid 8 **0.041 M4**	Grid 9 **0.040 M4**



Date: 8/12/2012

Test Laboratory: UL CCS SAR Lab C

W-CDMA Band II

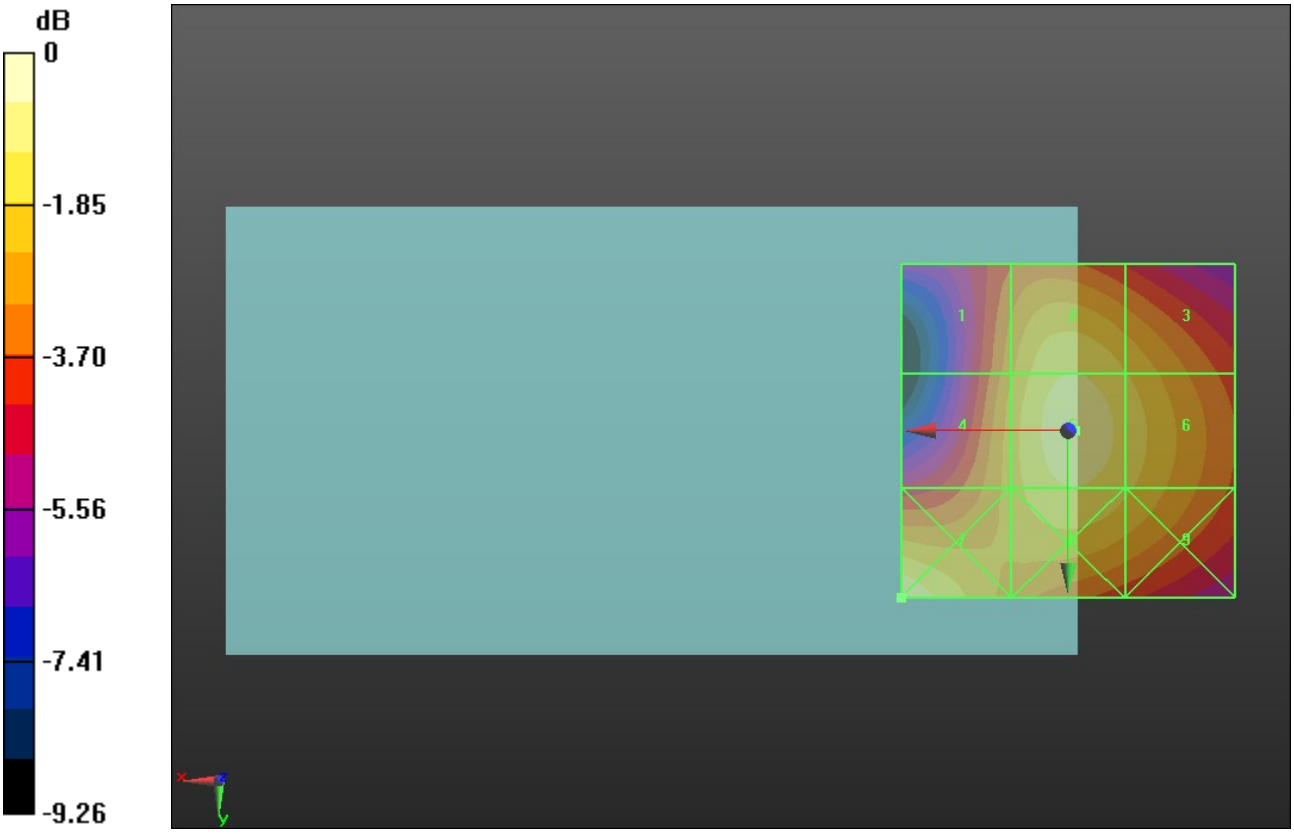
Communication System: UMTS-FDD (WCDMA); Frequency: 1907.6 MHz; Duty Cycle: 1:1
Phantom section: RF Section
DASY5 Configuration:
- Probe: H3DV6 - SN6157; ; Calibrated: 1/30/2012
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1239; Calibrated: 6/6/2012
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (1);SEMCAD X Version 14.4.5 (3634)

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

Maximum value of peak Total field = 0.045 A/m
Probe Modulation Factor = 0.950
Device Reference Point: 0, 0, -6.3 mm
Reference Value = 0.058 A/m; Power Drift = 0.09 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

Grid 1 **0.037 M4**	Grid 2 **0.044 M4**	Grid 3 **0.041 M4**
Grid 4 **0.039 M4**	Grid 5 **0.045 M4**	Grid 6 **0.042 M4**
Grid 7 **0.047 M4**	Grid 8 **0.043 M4**	Grid 9 **0.041 M4**



0 dB = 0.050A/m