Date: 9/9/2012

Test Laboratory: UL CCS SAR Lab C

GSM 850

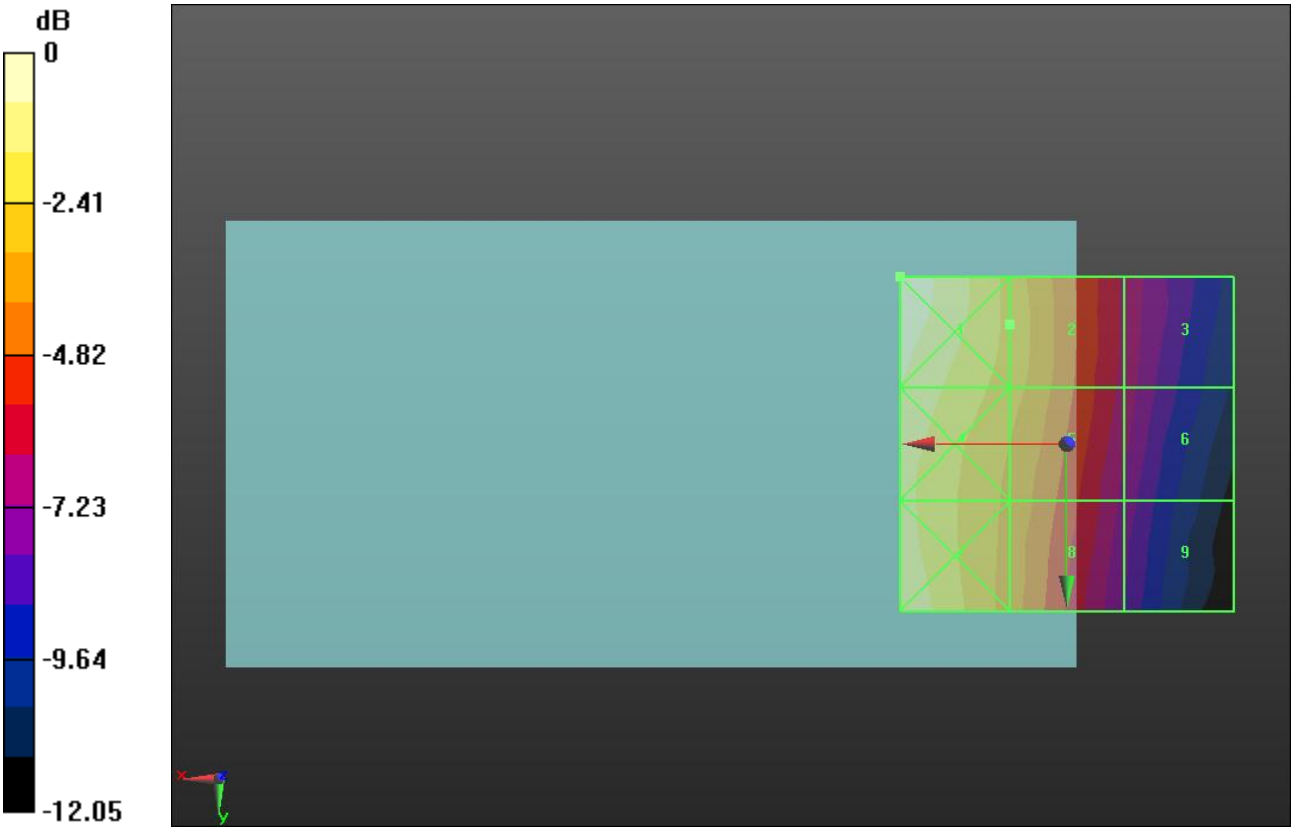
Communication System: GPRS-FDD (TDMA, GMSK, 1 slot); Frequency: 824.4 MHz; Duty Cycle: 1:8.00018
Phantom section: RF Section
DASY5 Configuration:
- Probe: H3DV6 - SN6157; ; Calibrated: 1/30/2012
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1239; Calibrated: 6/6/2012
- Phantom: HAC Test Arch 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 = 0.169 A/m
Probe Modulation Factor = 2.790
Device Reference Point: 0, 0, -6.3 mm
Reference Value = 0.051 A/m; Power Drift = -0.05 dB
Hearing Aid Near-Field Category: M4 (AWF -5 dB)

Peak H-field in A/m

Grid 1 **0.226 M4**	Grid 2 **0.169 M4**	Grid 3 **0.108 M4**
Grid 4 **0.210 M4**	Grid 5 **0.165 M4**	Grid 6 **0.106 M4**
Grid 7 **0.211 M4**	Grid 8 **0.155 M4**	Grid 9 **0.098 M4**



0 dB = 0.230A/m

Date: 9/9/2012

Test Laboratory: UL CCS SAR Lab C

GSM 850

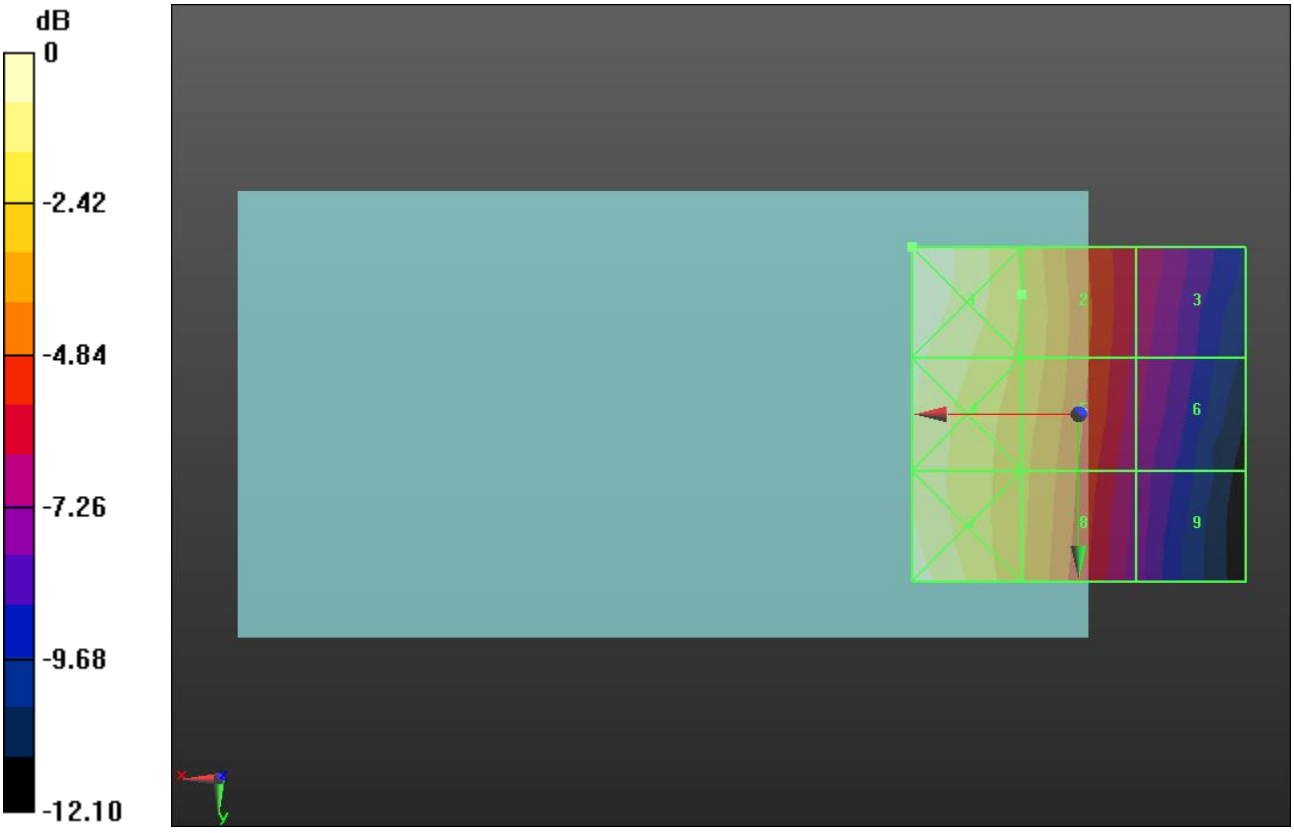
Communication System: GPRS-FDD (TDMA, GMSK, 1 slot); Frequency: 836.6 MHz; Duty Cycle: 1:8.00018
Phantom section: RF Section
DASY5 Configuration:
- Probe: H3DV6 - SN6157; ; Calibrated: 1/30/2012
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1239; Calibrated: 6/6/2012
- Phantom: HAC Test Arch 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 = 0.151 A/m
Probe Modulation Factor = 2.790
Device Reference Point: 0, 0, -6.3 mm
Reference Value = 0.046 A/m; Power Drift = 0.04 dB
Hearing Aid Near-Field Category: M4 (AWF -5 dB)

Peak H-field in A/m

Grid 1 **0.203 M4**	Grid 2 **0.151 M4**	Grid 3 **0.097 M4**
Grid 4 **0.189 M4**	Grid 5 **0.148 M4**	Grid 6 **0.093 M4**
Grid 7 **0.194 M4**	Grid 8 **0.141 M4**	Grid 9 **0.086 M4**



0 dB = 0.200A/m

Date: 9/9/2012

Test Laboratory: UL CCS SAR Lab C

GSM 850

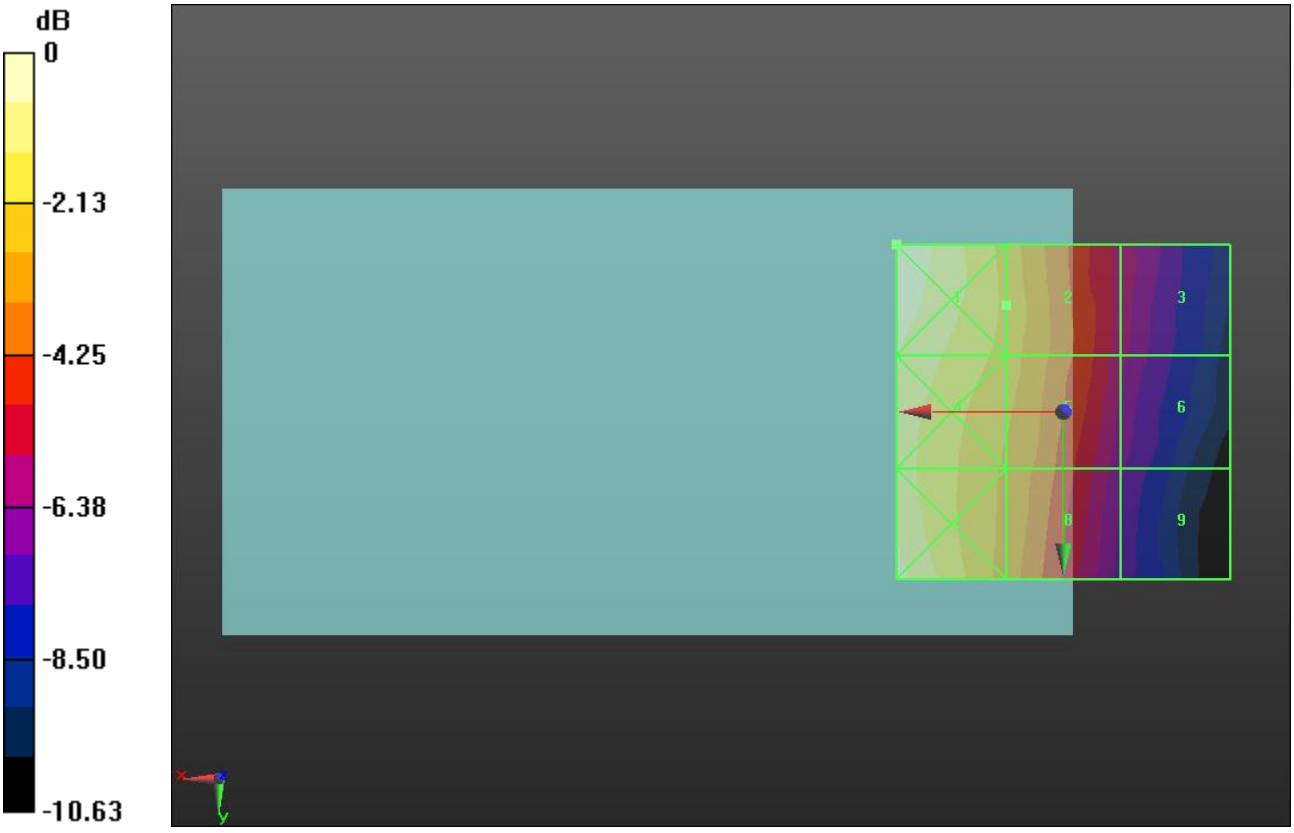
Communication System: GPRS-FDD (TDMA, GMSK, 1 slot); Frequency: 848.8 MHz; Duty Cycle: 1:8.00018
Phantom section: RF Section
DASY5 Configuration:
- Probe: H3DV6 - SN6157; ; Calibrated: 1/30/2012
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1239; Calibrated: 6/6/2012
- Phantom: HAC Test Arch 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 = 0.123 A/m
Probe Modulation Factor = 2.790
Device Reference Point: 0, 0, -6.3 mm
Reference Value = 0.039 A/m; Power Drift = 0.04 dB
Hearing Aid Near-Field Category: M4 (AWF -5 dB)

Peak H-field in A/m

Grid 1 **0.159 M4**	Grid 2 **0.123 M4**	Grid 3 **0.081 M4**
Grid 4 **0.148 M4**	Grid 5 **0.120 M4**	Grid 6 **0.079 M4**
Grid 7 **0.153 M4**	Grid 8 **0.114 M4**	Grid 9 **0.073 M4**



0 dB = 0.160A/m

Date: 9/9/2012

Test Laboratory: UL CCS SAR Lab C

GSM 1900

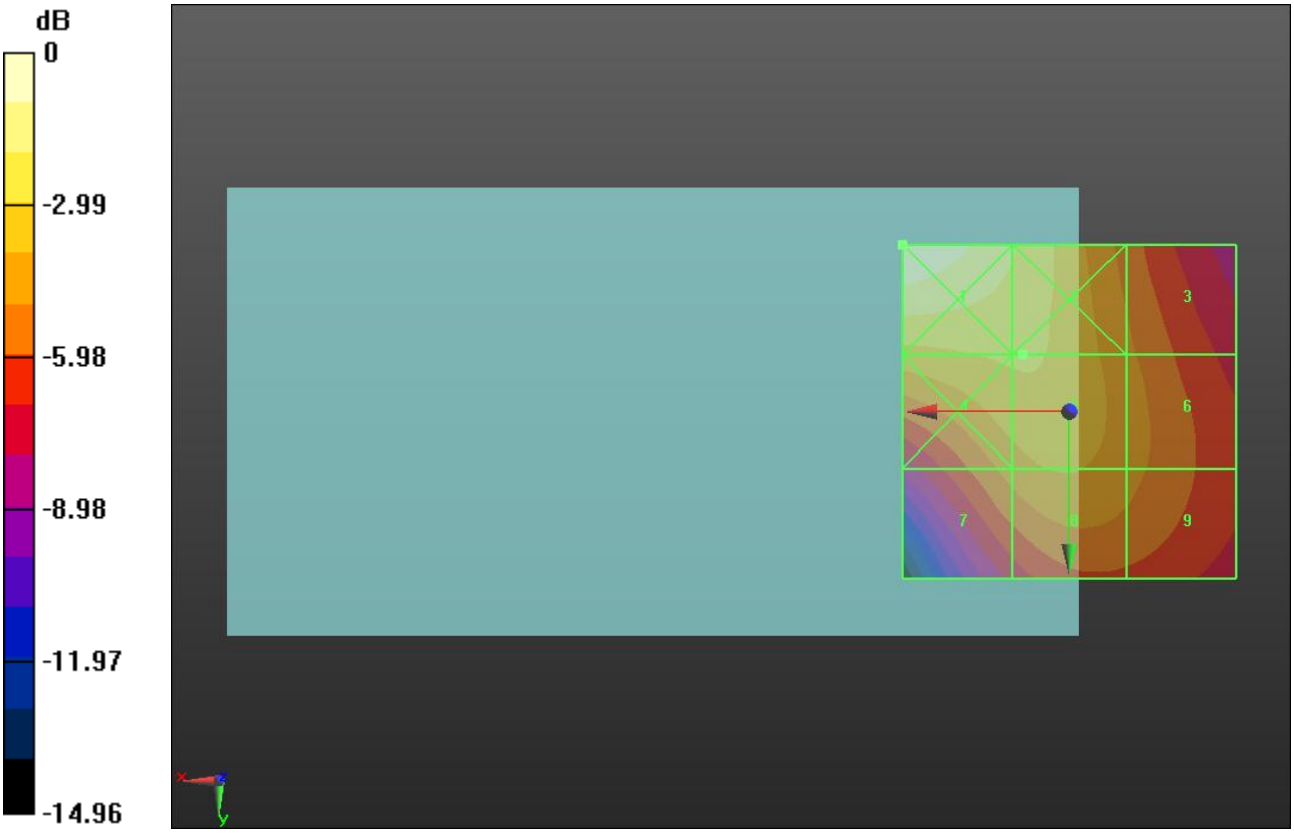
Communication System: GPRS-FDD (TDMA, GMSK, 1 slot); Frequency: 1850.2 MHz; Duty Cycle: 1:8.00018
Phantom section: RF Section
DASY5 Configuration:
- Probe: H3DV6 - SN6157; ; Calibrated: 1/30/2012
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1239; Calibrated: 6/6/2012
- Phantom: HAC Test Arch 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 = 0.166 A/m
Probe Modulation Factor = 2.840
Device Reference Point: 0, 0, -6.3 mm
Reference Value = 0.067 A/m; Power Drift = -0.03 dB
Hearing Aid Near-Field Category: M3 (AWF -5 dB)

Peak H-field in A/m

Grid 1 **0.233 M3**	Grid 2 **0.185 M3**	Grid 3 **0.134 M4**
Grid 4 **0.165 M3**	Grid 5 **0.166 M3**	Grid 6 **0.138 M4**
Grid 7 **0.137 M4**	Grid 8 **0.147 M3**	Grid 9 **0.136 M4**



0 dB = 0.230A/m

Date: 9/9/2012

Test Laboratory: UL CCS SAR Lab C

GSM 1900

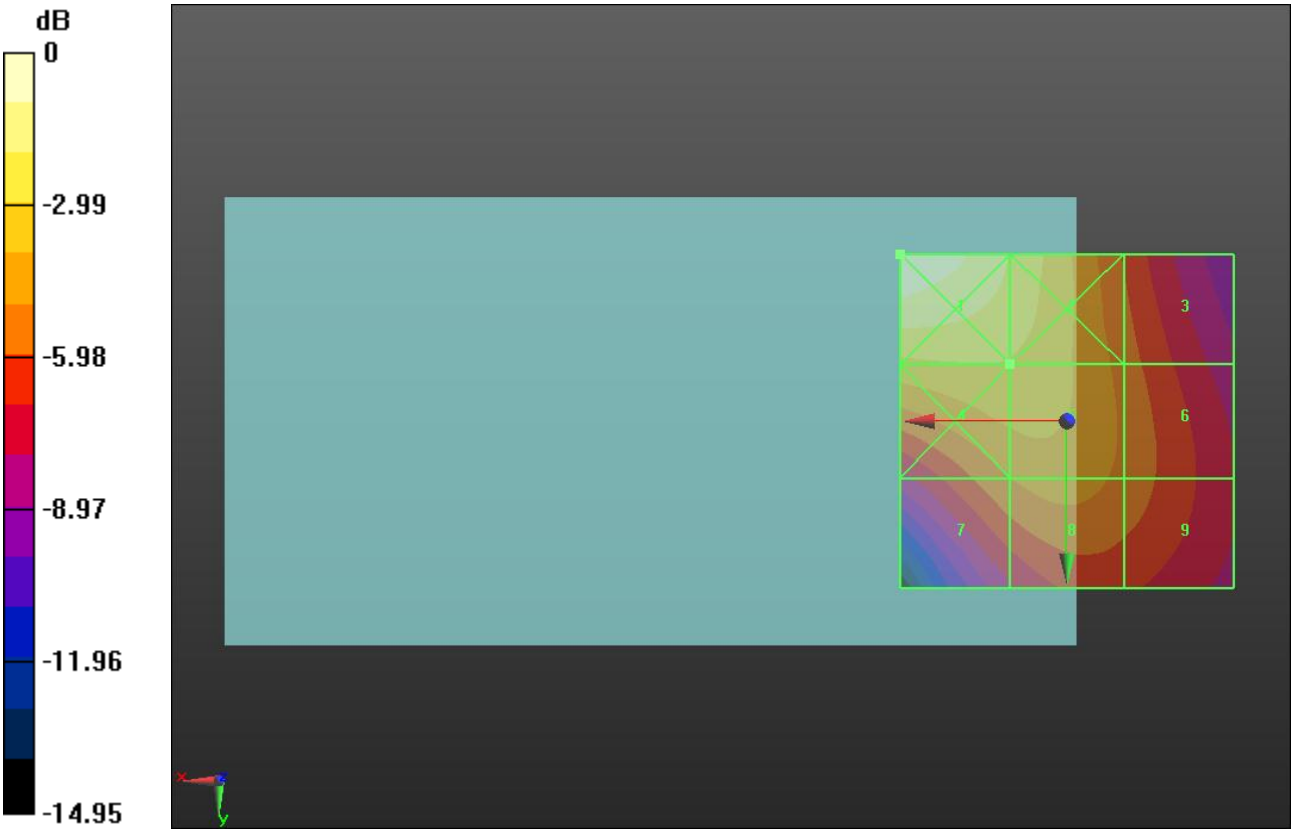
Communication System: GPRS-FDD (TDMA, GMSK, 1 slot); Frequency: 1880 MHz; Duty Cycle: 1:8.00018
Phantom section: RF Section
DASY5 Configuration:
- Probe: H3DV6 - SN6157; ; Calibrated: 1/30/2012
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1239; Calibrated: 6/6/2012
- Phantom: HAC Test Arch with 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 = 0.197 A/m
Probe Modulation Factor = 2.840
Device Reference Point: 0, 0, -6.3 mm
Reference Value = 0.074 A/m; Power Drift = 0.01 dB
Hearing Aid Near-Field Category: M3 (AWF -5 dB)

Peak H-field in A/m

Grid 1 **0.283 M2**	Grid 2 **0.222 M3**	Grid 3 **0.151 M3**
Grid 4 **0.198 M3**	Grid 5 **0.197 M3**	Grid 6 **0.155 M3**
Grid 7 **0.158 M3**	Grid 8 **0.166 M3**	Grid 9 **0.153 M3**



0 dB = 0.280A/m

Date: 9/9/2012

Test Laboratory: UL CCS SAR Lab C

GSM 1900

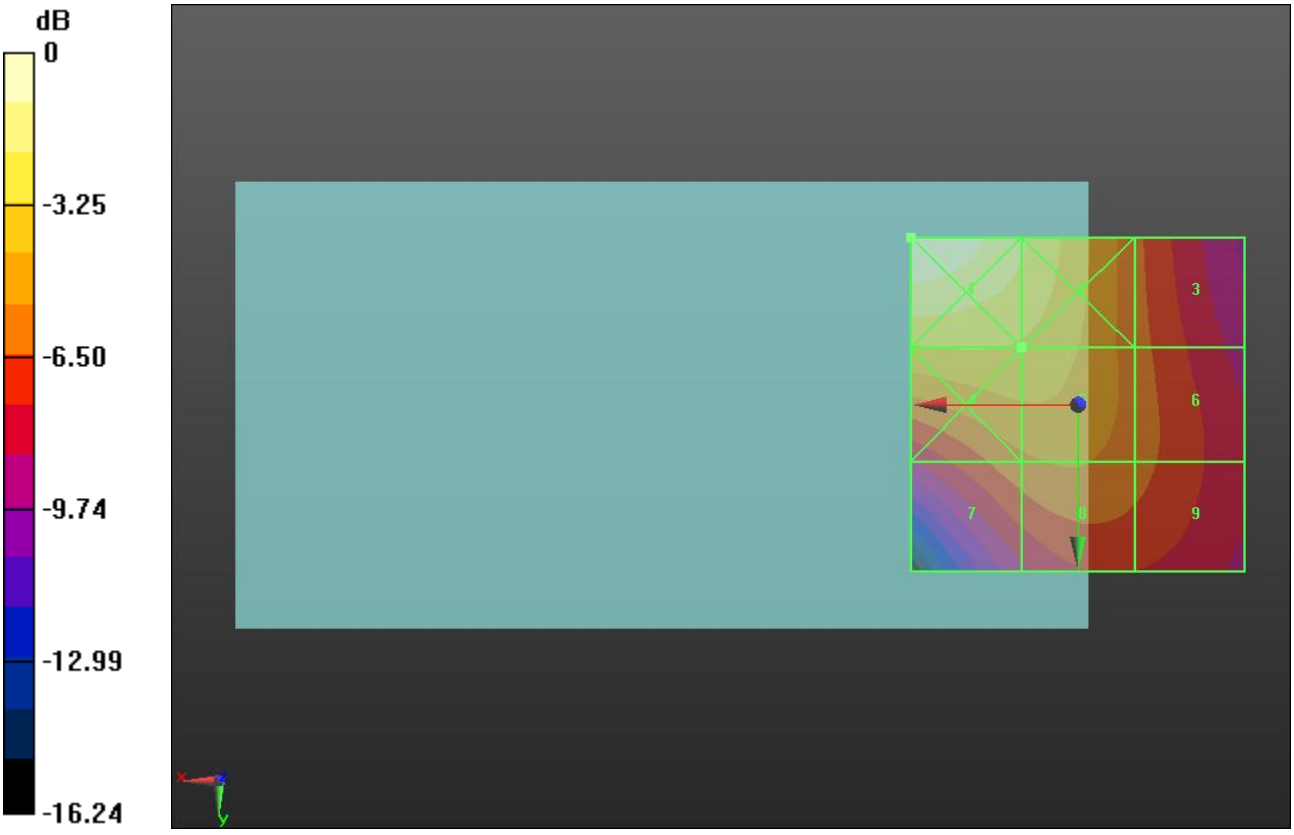
Communication System: GPRS-FDD (TDMA, GMSK, 1 slot); Frequency: 1909.8 MHz; Duty Cycle: 1:8.00018
Phantom section: RF Section
DASY5 Configuration:
- Probe: H3DV6 - SN6157; ; Calibrated: 1/30/2012
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1239; Calibrated: 6/6/2012
- Phantom: HAC Test Arch 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 = 0.203 A/m
Probe Modulation Factor = 2.840
Device Reference Point: 0, 0, -6.3 mm
Reference Value = 0.073 A/m; Power Drift = 0.0064 dB
Hearing Aid Near-Field Category: M3 (AWF -5 dB)

Peak H-field in A/m

Grid 1 **0.303 M2**	Grid 2 **0.239 M3**	Grid 3 **0.151 M3**
Grid 4 **0.208 M3**	Grid 5 **0.203 M3**	Grid 6 **0.153 M3**
Grid 7 **0.156 M3**	Grid 8 **0.163 M3**	Grid 9 **0.150 M3**



0 dB = 0.300A/m

Date: 9/9/2012

Test Laboratory: UL CCS SAR Lab C

W-CDMA Band V

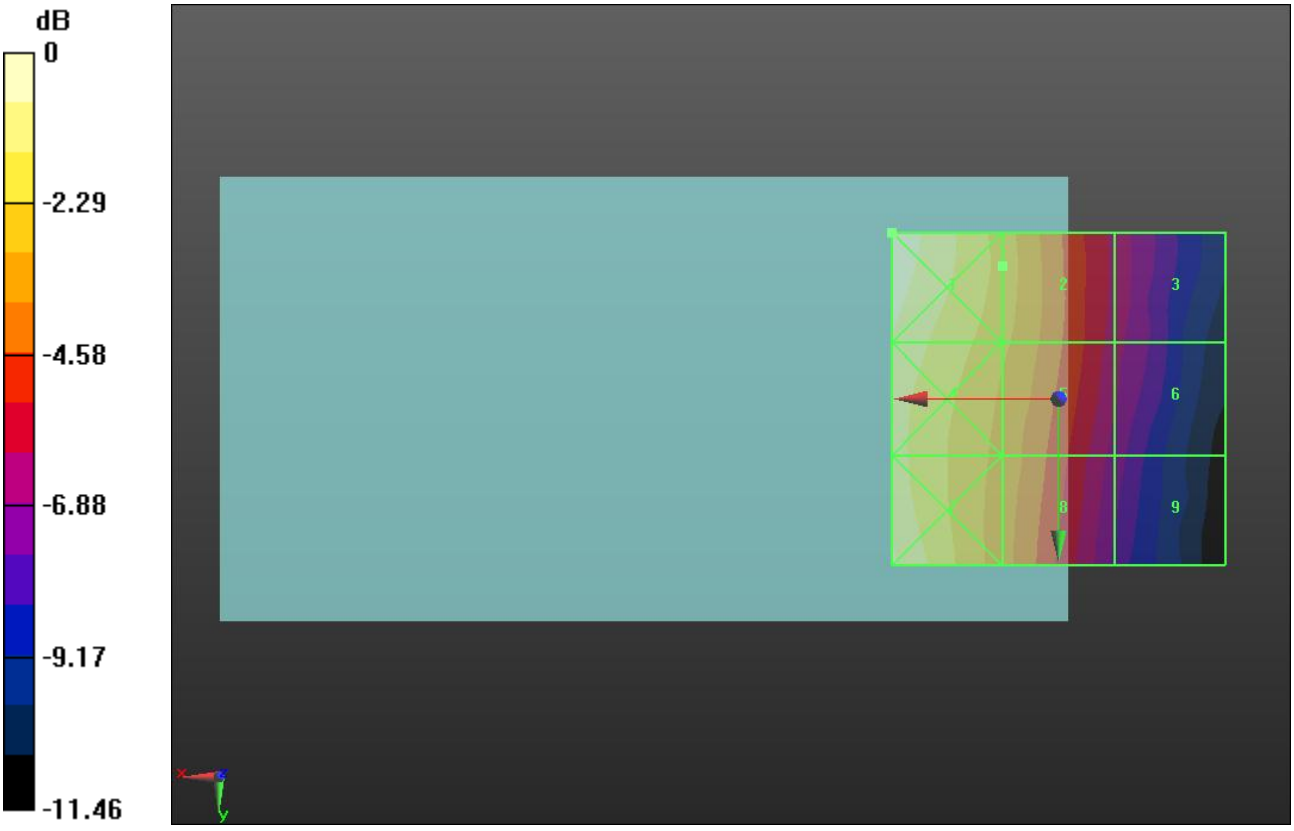
Communication System: UMTS-FDD (WCDMA); Frequency: 826.4 MHz; Duty Cycle: 1:1
Phantom section: RF Section
DASY5 Configuration:
- Probe: H3DV6 - SN6157; ; Calibrated: 1/30/2012
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1239; Calibrated: 6/6/2012
- Phantom: HAC Test Arch with AMCC; Type: SD 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 = 0.045 A/m
Probe Modulation Factor = 0.900
Device Reference Point: 0, 0, -6.3 mm
Reference Value = 0.042 A/m; Power Drift = -0.04 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

Grid 1 **0.059 M4**	Grid 2 **0.045 M4**	Grid 3 **0.029 M4**
Grid 4 **0.055 M4**	Grid 5 **0.043 M4**	Grid 6 **0.028 M4**
Grid 7 **0.056 M4**	Grid 8 **0.041 M4**	Grid 9 **0.026 M4**



0 dB = 0.060A/m

Date: 9/9/2012

Test Laboratory: UL CCS SAR Lab C

W-CDMA Band V

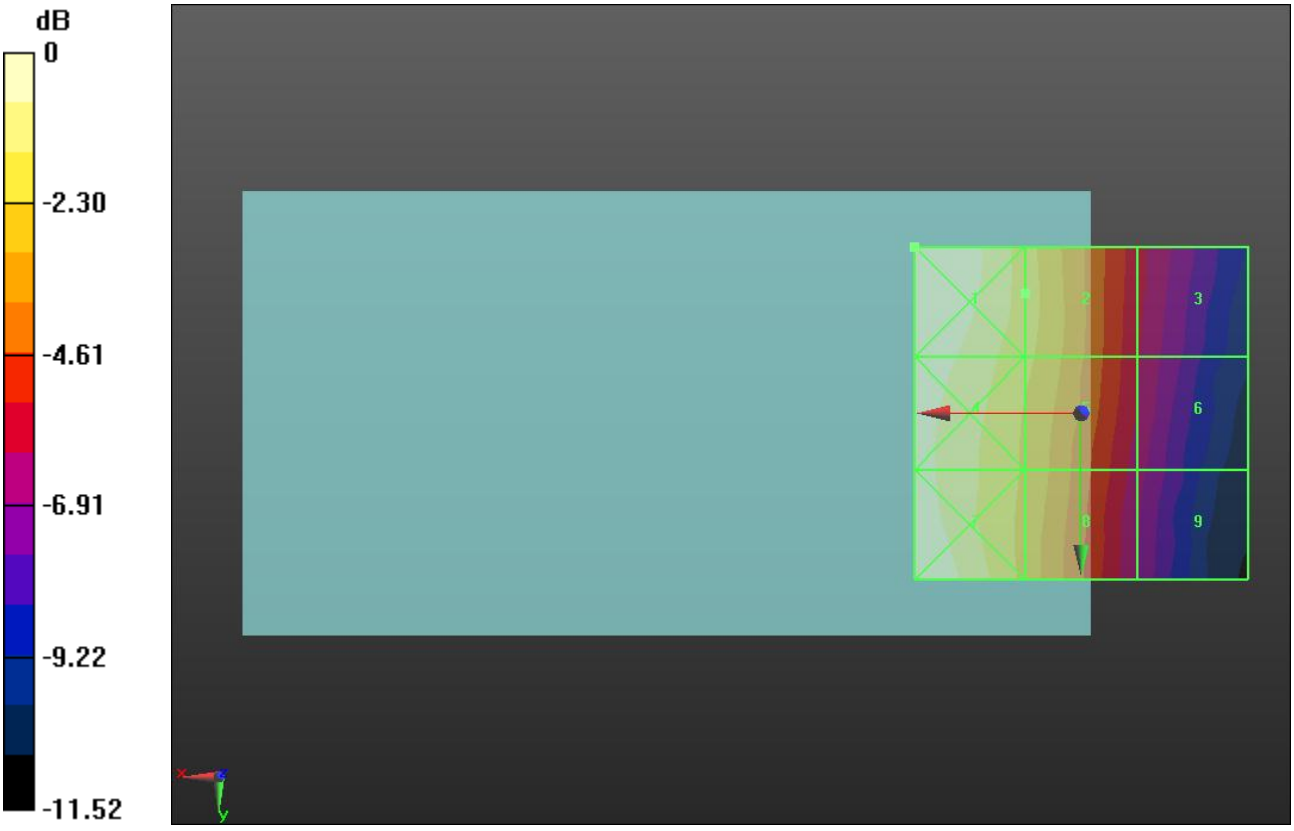
Communication System: UMTS-FDD (WCDMA); Frequency: 836.6 MHz; Duty Cycle: 1:1
Phantom section: RF Section
DASY5 Configuration:
- Probe: H3DV6 - SN6157; ; Calibrated: 1/30/2012
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1239; Calibrated: 6/6/2012
- Phantom: HAC Test Arch with AMCC; Type: SD 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 = 0.040 A/m
Probe Modulation Factor = 0.900
Device Reference Point: 0, 0, -6.3 mm
Reference Value = 0.039 A/m; Power Drift = 0.04 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

Grid 1 **0.054 M4**	Grid 2 **0.040 M4**	Grid 3 **0.026 M4**
Grid 4 **0.050 M4**	Grid 5 **0.039 M4**	Grid 6 **0.025 M4**
Grid 7 **0.052 M4**	Grid 8 **0.038 M4**	Grid 9 **0.024 M4**



0 dB = 0.050A/m

Date: 9/9/2012

Test Laboratory: UL CCS SAR Lab C

W-CDMA Band V

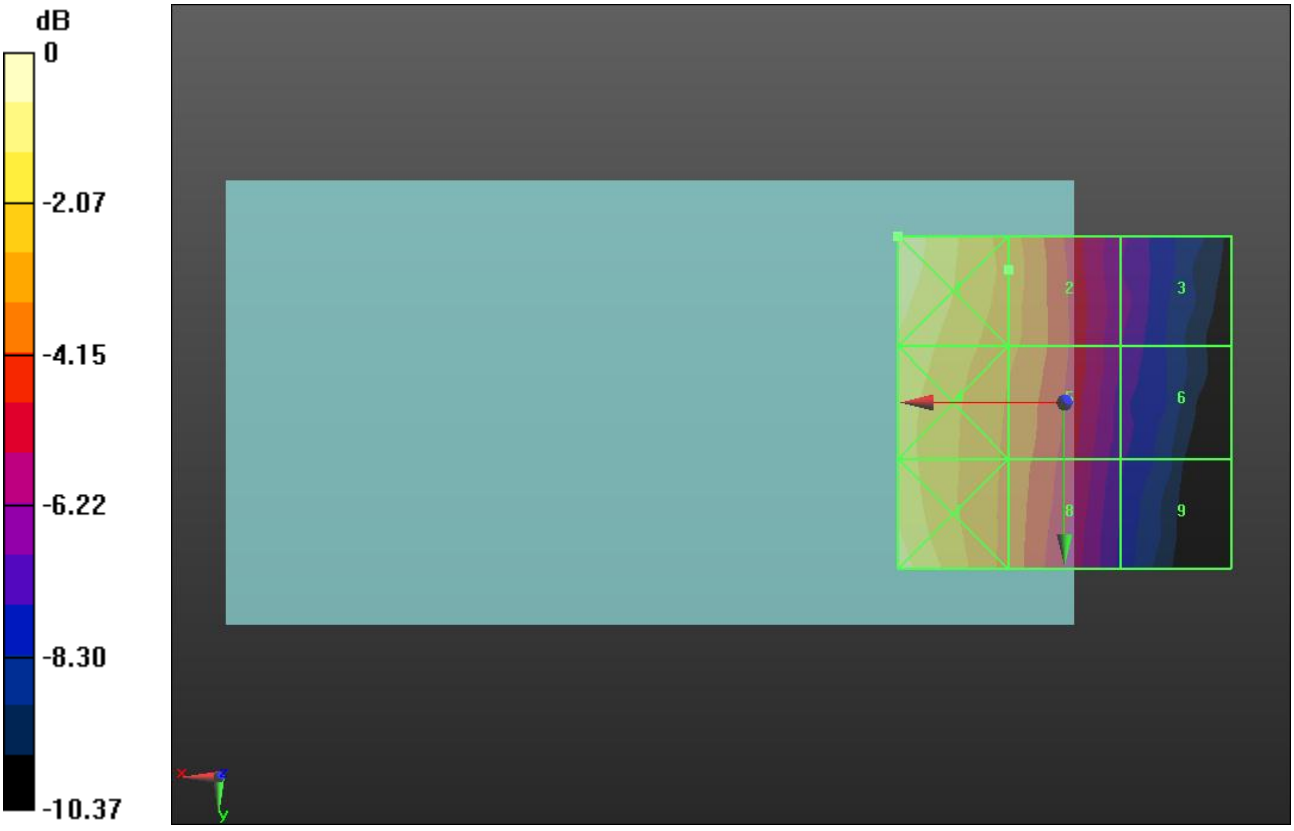
Communication System: UMTS-FDD (WCDMA); Frequency: 846.6 MHz; Duty Cycle: 1:1
Phantom section: RF Section
DASY5 Configuration:
- Probe: H3DV6 - SN6157; ; Calibrated: 1/30/2012
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1239; Calibrated: 6/6/2012
- Phantom: HAC Test Arch with AMCC; Type: SD 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 = 0.035 A/m
Probe Modulation Factor = 0.900
Device Reference Point: 0, 0, -6.3 mm
Reference Value = 0.035 A/m; Power Drift = 0.09 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

Grid 1 **0.045 M4**	Grid 2 **0.035 M4**	Grid 3 **0.023 M4**
Grid 4 **0.042 M4**	Grid 5 **0.034 M4**	Grid 6 **0.023 M4**
Grid 7 **0.045 M4**	Grid 8 **0.033 M4**	Grid 9 **0.021 M4**



0 dB = 0.050A/m

Date: 9/9/2012

Test Laboratory: UL CCS SAR Lab C

W-CDMA Band IV

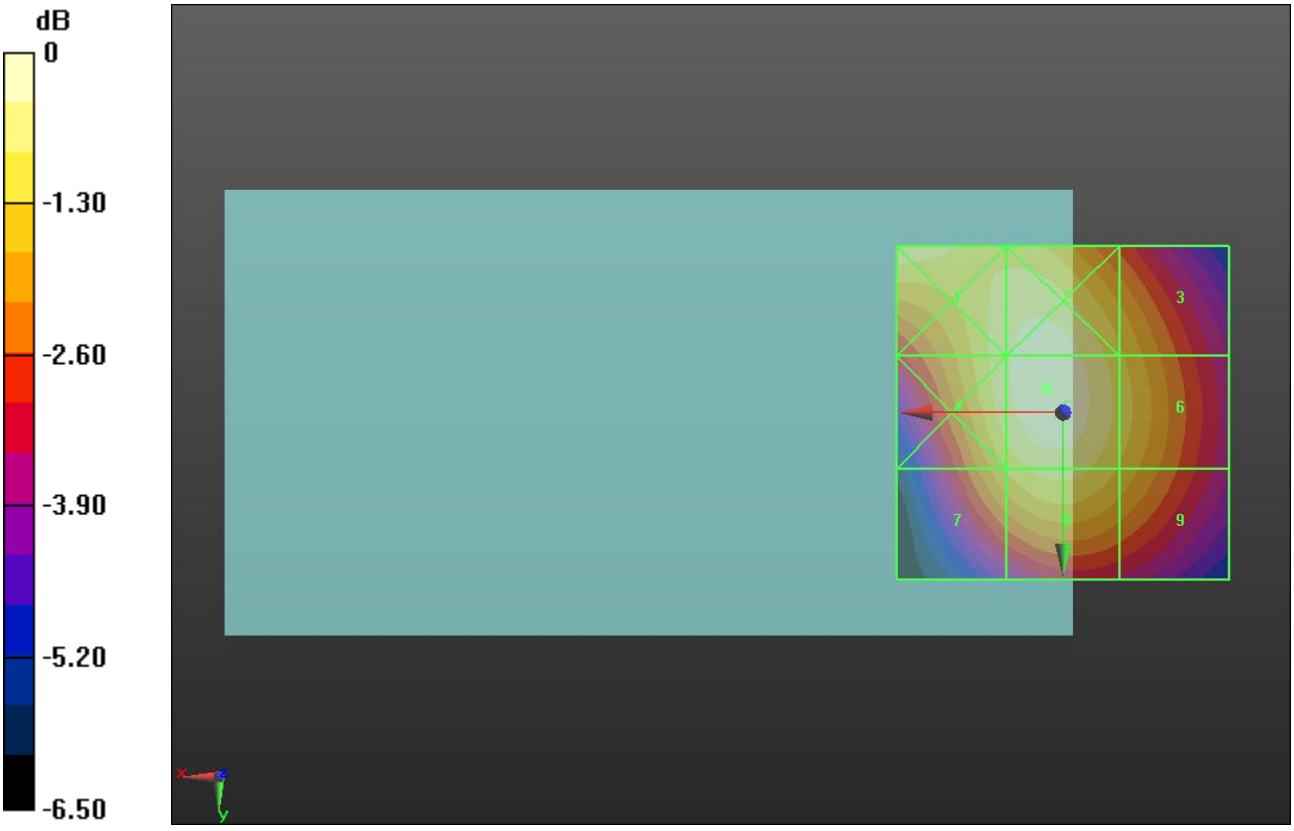
Communication System: UMTS-FDD (WCDMA); Frequency: 1712.4 MHz; Duty Cycle: 1:1
Phantom section: RF Section
DASY5 Configuration:
- Probe: H3DV6 - SN6157; ; Calibrated: 1/30/2012
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1239; Calibrated: 6/6/2012
- Phantom: HAC Test Arch with AMCC; Type: SD 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 = 0.079 A/m
Probe Modulation Factor = 0.950
Device Reference Point: 0, 0, -6.3 mm
Reference Value = 0.099 A/m; Power Drift = 0.02 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

Grid 1 **0.077 M4**	Grid 2 **0.078 M4**	Grid 3 **0.070 M4**
Grid 4 **0.076 M4**	Grid 5 **0.079 M4**	Grid 6 **0.071 M4**
Grid 7 **0.069 M4**	Grid 8 **0.074 M4**	Grid 9 **0.068 M4**



0 dB = 0.080A/m

Date: 9/9/2012

Test Laboratory: UL CCS SAR Lab C

W-CDMA Band IV

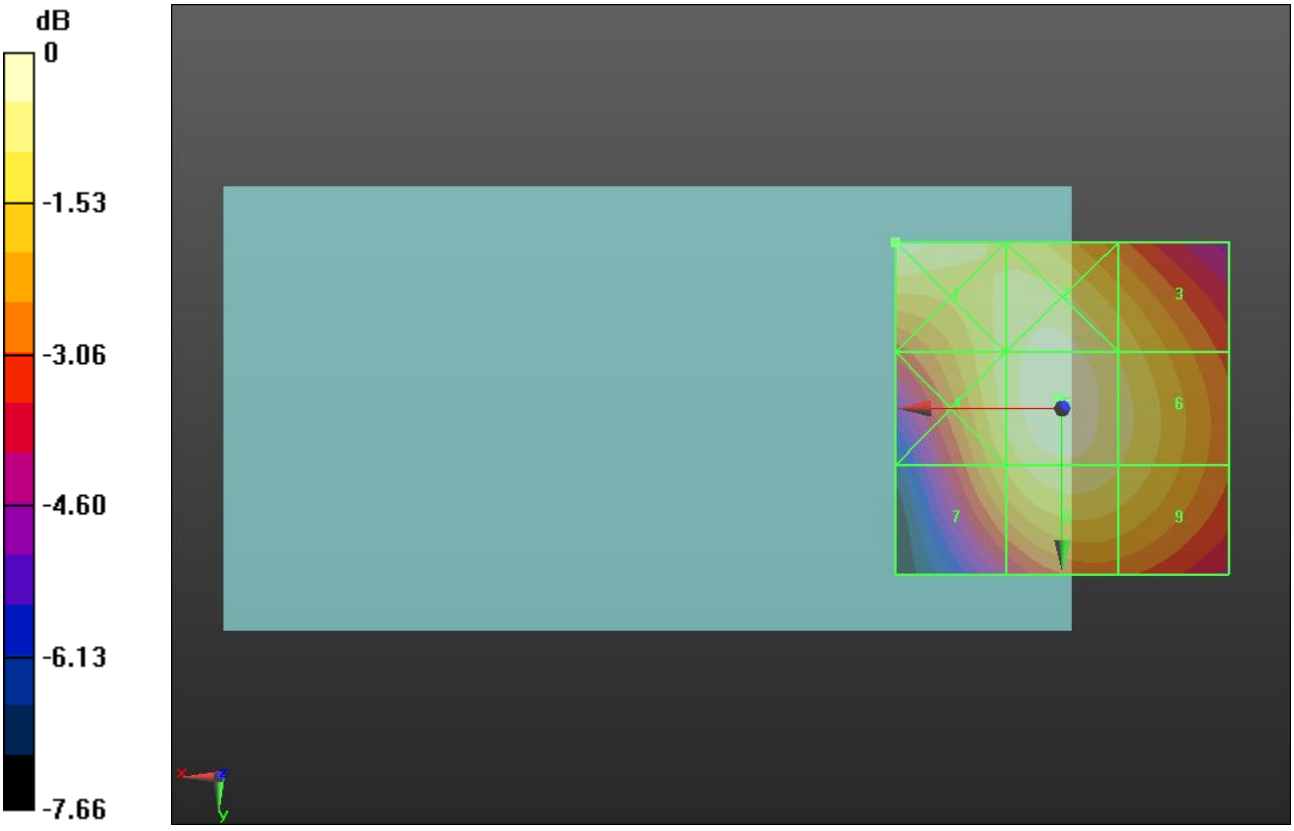
Communication System: UMTS-FDD (WCDMA); Frequency: 1732.4 MHz; Duty Cycle: 1:1
Phantom section: RF Section
DASY5 Configuration:
- Probe: H3DV6 - SN6157; ; Calibrated: 1/30/2012
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1239; Calibrated: 6/6/2012
- Phantom: HAC Test Arch with AMCC; Type: SD 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 = 0.079 A/m
Probe Modulation Factor = 0.950
Device Reference Point: 0, 0, -6.3 mm
Reference Value = 0.099 A/m; Power Drift = 0.02 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

Grid 1 **0.080 M4**	Grid 2 **0.077 M4**	Grid 3 **0.071 M4**
Grid 4 **0.073 M4**	Grid 5 **0.079 M4**	Grid 6 **0.073 M4**
Grid 7 **0.068 M4**	Grid 8 **0.075 M4**	Grid 9 **0.071 M4**



0 dB = 0.080A/m

Date: 9/9/2012

Test Laboratory: UL CCS SAR Lab C

W-CDMA Band IV

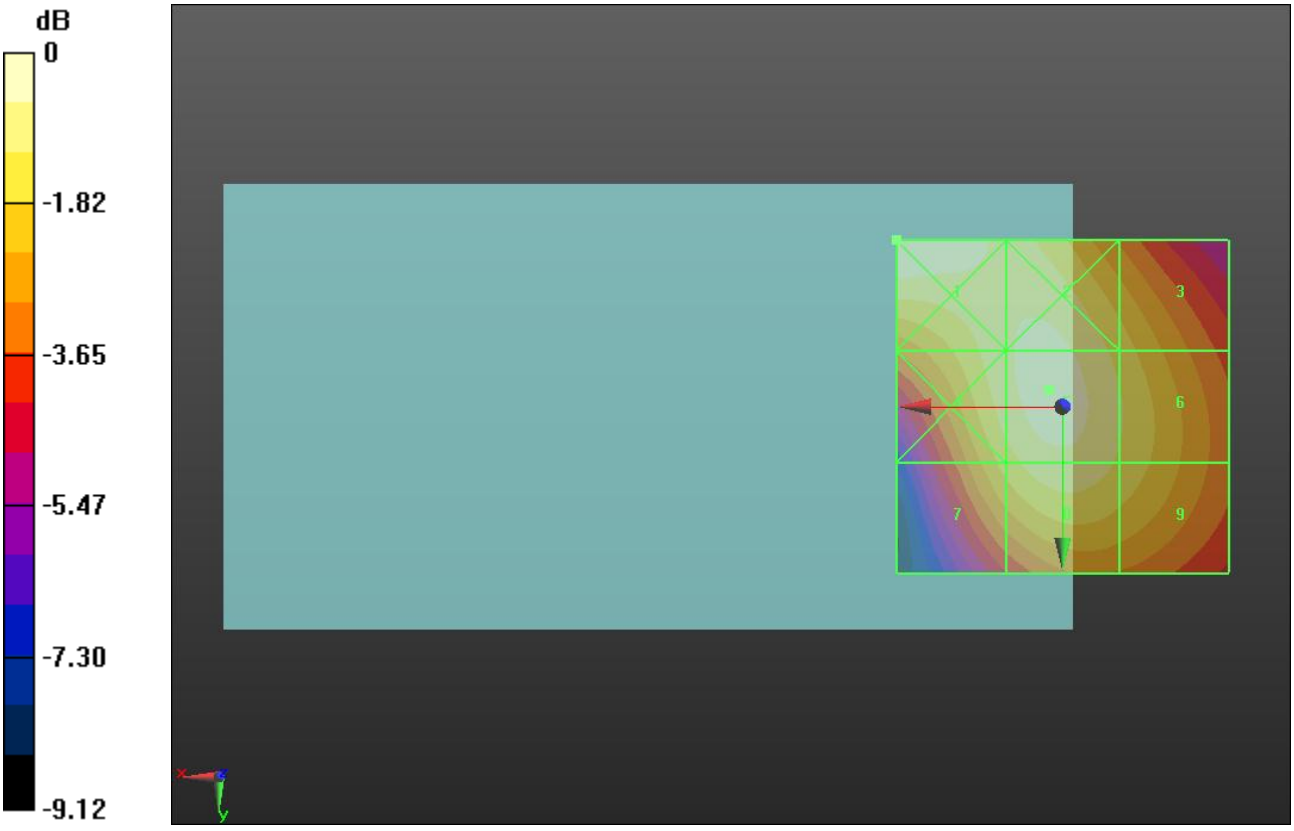
Communication System: UMTS-FDD (WCDMA); Frequency: 1752.5 MHz; Duty Cycle: 1:1
Phantom section: RF Section
DASY5 Configuration:
- Probe: H3DV6 - SN6157; ; Calibrated: 1/30/2012
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1239; Calibrated: 6/6/2012
- Phantom: HAC Test Arch with AMCC; Type: SD 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 = 0.067 A/m
Probe Modulation Factor = 0.950
Device Reference Point: 0, 0, -6.3 mm
Reference Value = 0.085 A/m; Power Drift = 0.04 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

Grid 1 **0.074 M4**	Grid 2 **0.067 M4**	Grid 3 **0.059 M4**
Grid 4 **0.064 M4**	Grid 5 **0.067 M4**	Grid 6 **0.062 M4**
Grid 7 **0.059 M4**	Grid 8 **0.064 M4**	Grid 9 **0.060 M4**



0 dB = 0.070A/m

Date: 9/9/2012

Test Laboratory: UL CCS SAR Lab C

W-CDMA Band II

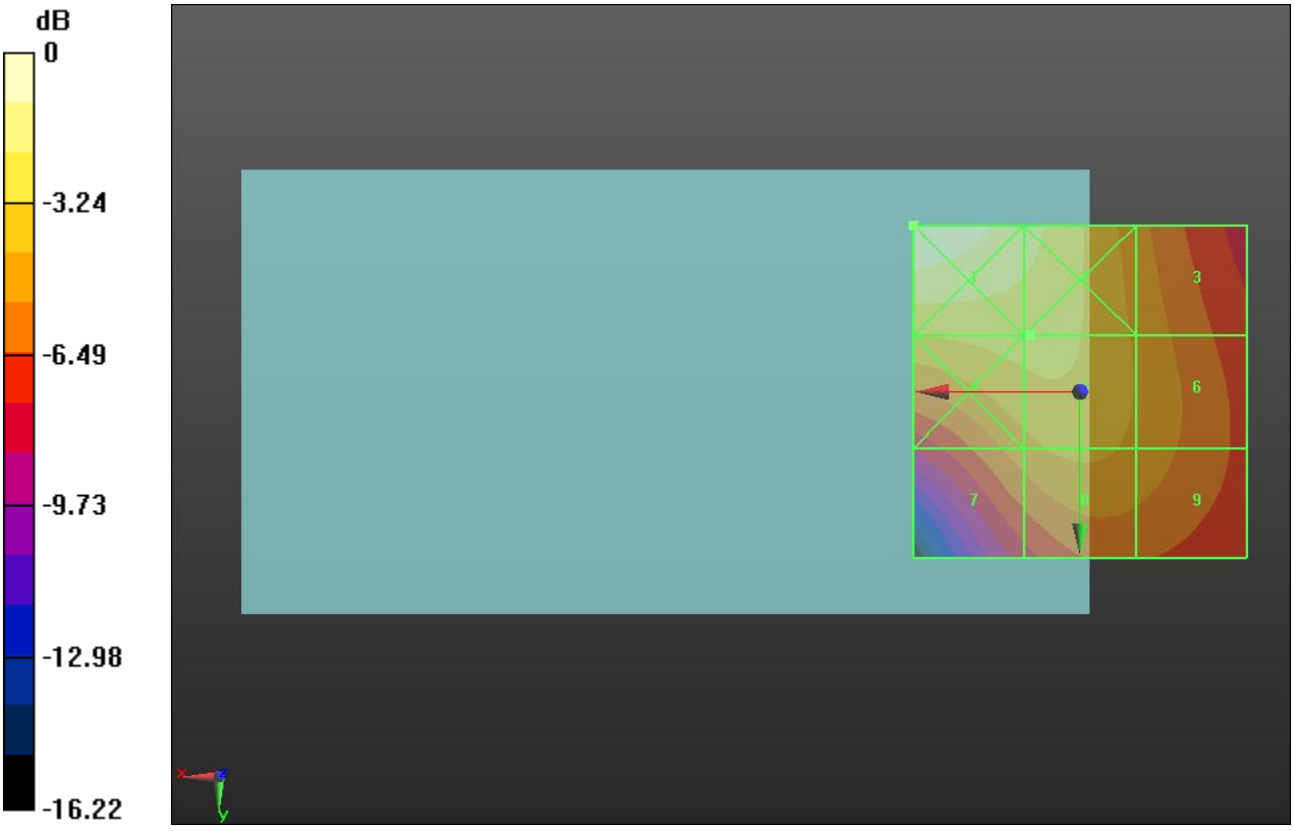
Communication System: UMTS-FDD (WCDMA); Frequency: 1852.4 MHz; Duty Cycle: 1:1
Phantom section: RF Section
DASY5 Configuration:
- Probe: H3DV6 - SN6157; ; Calibrated: 1/30/2012
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1239; Calibrated: 6/6/2012
- Phantom: HAC Test Arch with AMCC; Type: SD 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 = 0.072 A/m
Probe Modulation Factor = 0.950
Device Reference Point: 0, 0, -6.3 mm
Reference Value = 0.086 A/m; Power Drift = -0.07 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

Grid 1 **0.101 M4**	Grid 2 **0.082 M4**	Grid 3 **0.060 M4**
Grid 4 **0.072 M4**	Grid 5 **0.072 M4**	Grid 6 **0.060 M4**
Grid 7 **0.058 M4**	Grid 8 **0.063 M4**	Grid 9 **0.059 M4**



0 dB = 0.100A/m

Date: 9/9/2012

Test Laboratory: UL CCS SAR Lab C

W-CDMA Band II

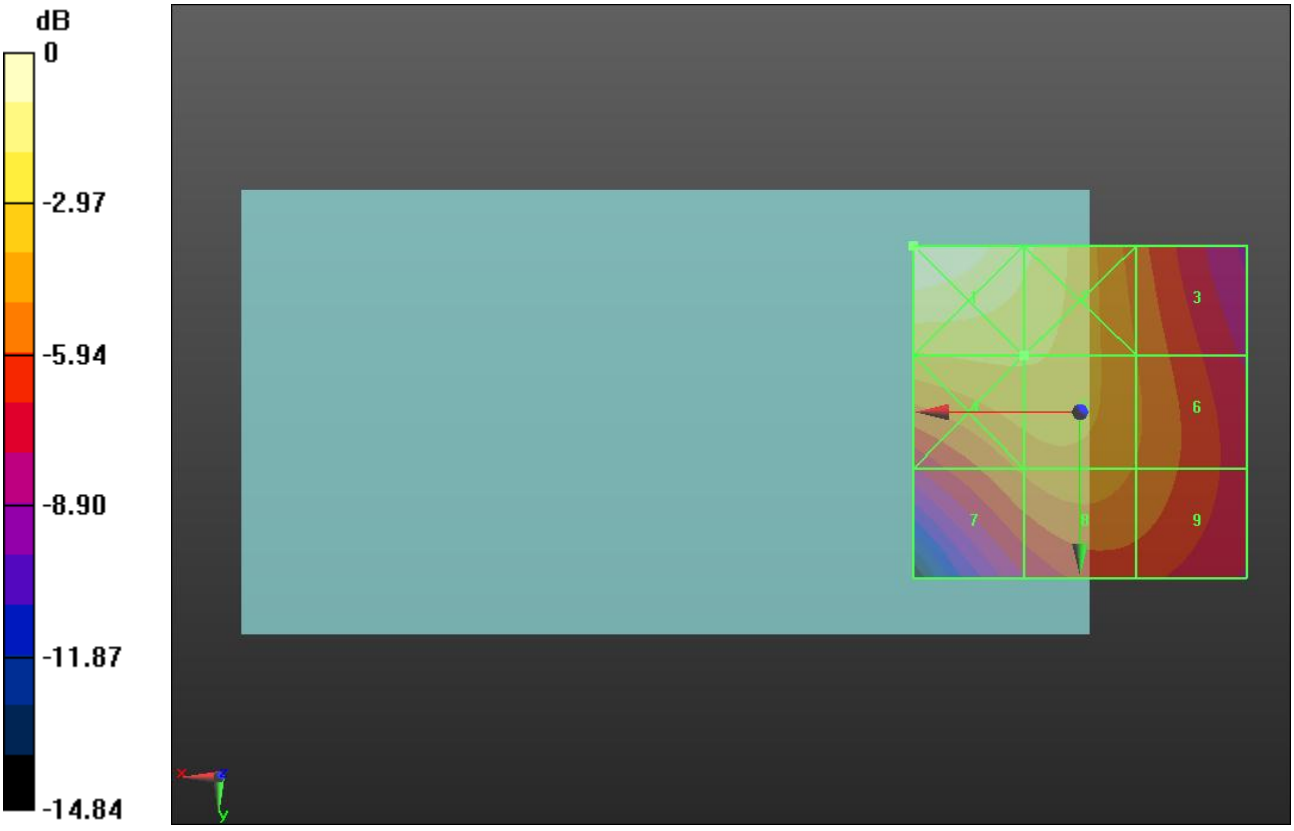
Communication System: UMTS-FDD (WCDMA); Frequency: 1880 MHz; Duty Cycle: 1:1
Phantom section: RF Section
DASY5 Configuration:
- Probe: H3DV6 - SN6157; ; Calibrated: 1/30/2012
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1239; Calibrated: 6/6/2012
- Phantom: HAC Test Arch with AMCC; Type: SD 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 = 0.087 A/m
Probe Modulation Factor = 0.950
Device Reference Point: 0, 0, -6.3 mm
Reference Value = 0.098 A/m; Power Drift = -0.02 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

Grid 1 **0.121 M4**	Grid 2 **0.098 M4**	Grid 3 **0.068 M4**
Grid 4 **0.087 M4**	Grid 5 **0.087 M4**	Grid 6 **0.069 M4**
Grid 7 **0.069 M4**	Grid 8 **0.073 M4**	Grid 9 **0.067 M4**



0 dB = 0.120A/m

Date: 9/9/2012

Test Laboratory: UL CCS SAR Lab C

W-CDMA Band II

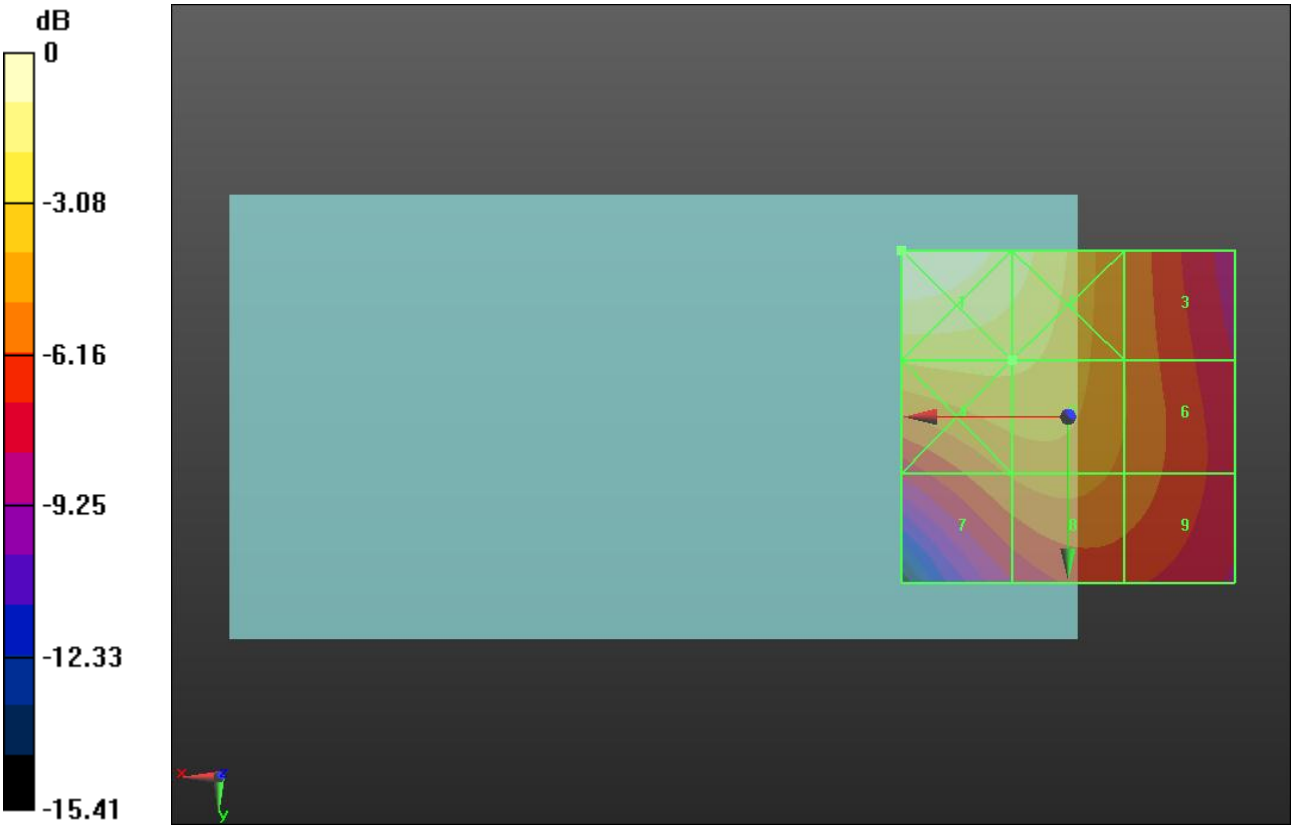
Communication System: UMTS-FDD (WCDMA); Frequency: 1907.6 MHz; Duty Cycle: 1:1
Phantom section: RF Section
DASY5 Configuration:
- Probe: H3DV6 - SN6157; ; Calibrated: 1/30/2012
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1239; Calibrated: 6/6/2012
- Phantom: HAC Test Arch with AMCC; Type: SD 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 = 0.087 A/m
Probe Modulation Factor = 0.950
Device Reference Point: 0, 0, -6.3 mm
Reference Value = 0.094 A/m; Power Drift = 0.01 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

Grid 1 **0.123 M4**	Grid 2 **0.101 M4**	Grid 3 **0.067 M4**
Grid 4 **0.087 M4**	Grid 5 **0.087 M4**	Grid 6 **0.067 M4**
Grid 7 **0.067 M4**	Grid 8 **0.070 M4**	Grid 9 **0.064 M4**



0 dB = 0.120A/m