#04 HAC_E_GSM850_Ch128

DUT: 150324

Communication System: GSM850; Frequency: 824.2 MHz;Duty Cycle: 1:8.3
Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\varepsilon_r = 1$; $\rho = 1000$ kg/m^3
Ambient Temperature：22.5 ℃

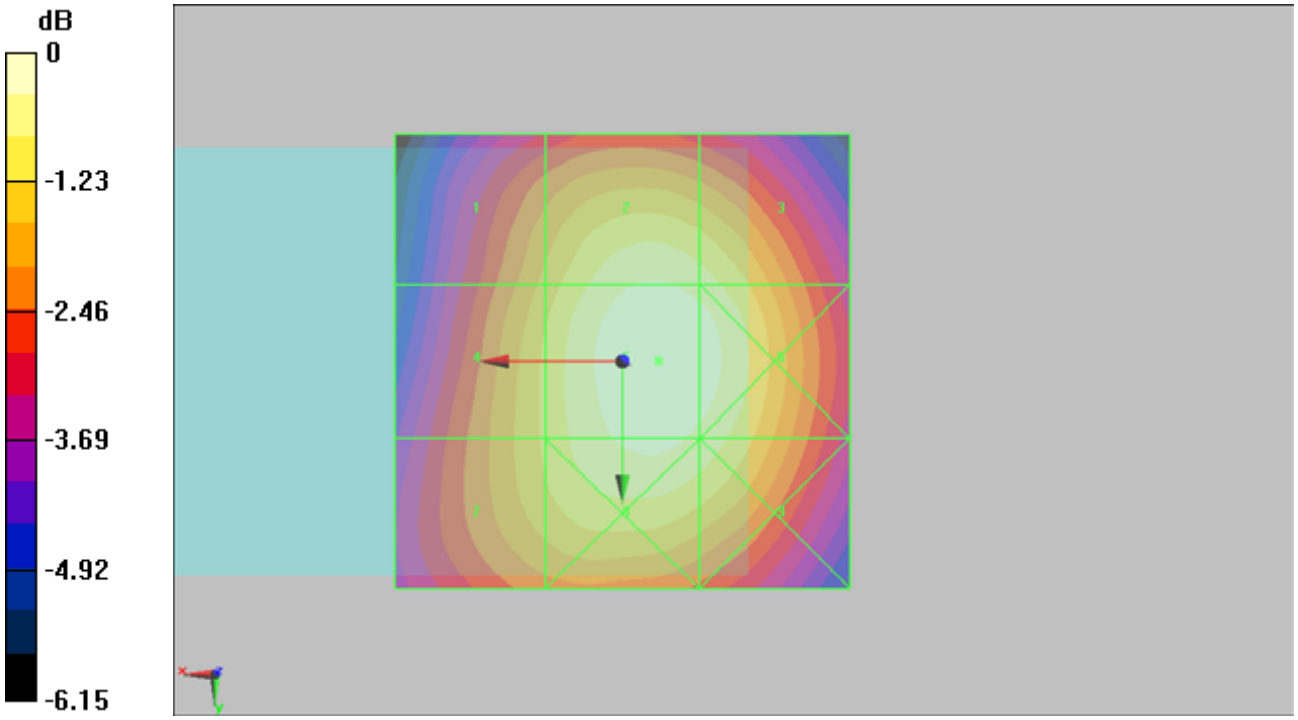
DASY5 Configuration:
- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2011/1/14
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch128/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 166.3 V/m
Probe Modulation Factor = 2.65
Device Reference Point: 0, 0, -6.3 mm
Reference Value = 83 V/m; Power Drift = -0.011 dB
Hearing Aid Near-Field Category: M3 (AWF -5 dB)

Peak E-field in V/m

Grid 1 **140.1 M4**	Grid 2 **159.4 M3**	Grid 3 **155.5 M3**
Grid 4 **146.2 M4**	Grid 5 **166.3 M3**	Grid 6 **163.1 M3**
Grid 7 **145.8 M4**	Grid 8 **160.6 M3**	Grid 9 **156.8 M3**

Cursor:
Total = 166.3 V/m
E Category: M3
Location: -4, 0, 8.7 mm



0 dB = 166.3V/m

#05 HAC_E_GSM850_Ch189

DUT: 150324

Communication System: GSM850; Frequency: 836.4 MHz;Duty Cycle: 1:8.3
Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\varepsilon_r = 1$; $\rho = 1000$ kg/m^3
Ambient Temperature：22.5 ℃

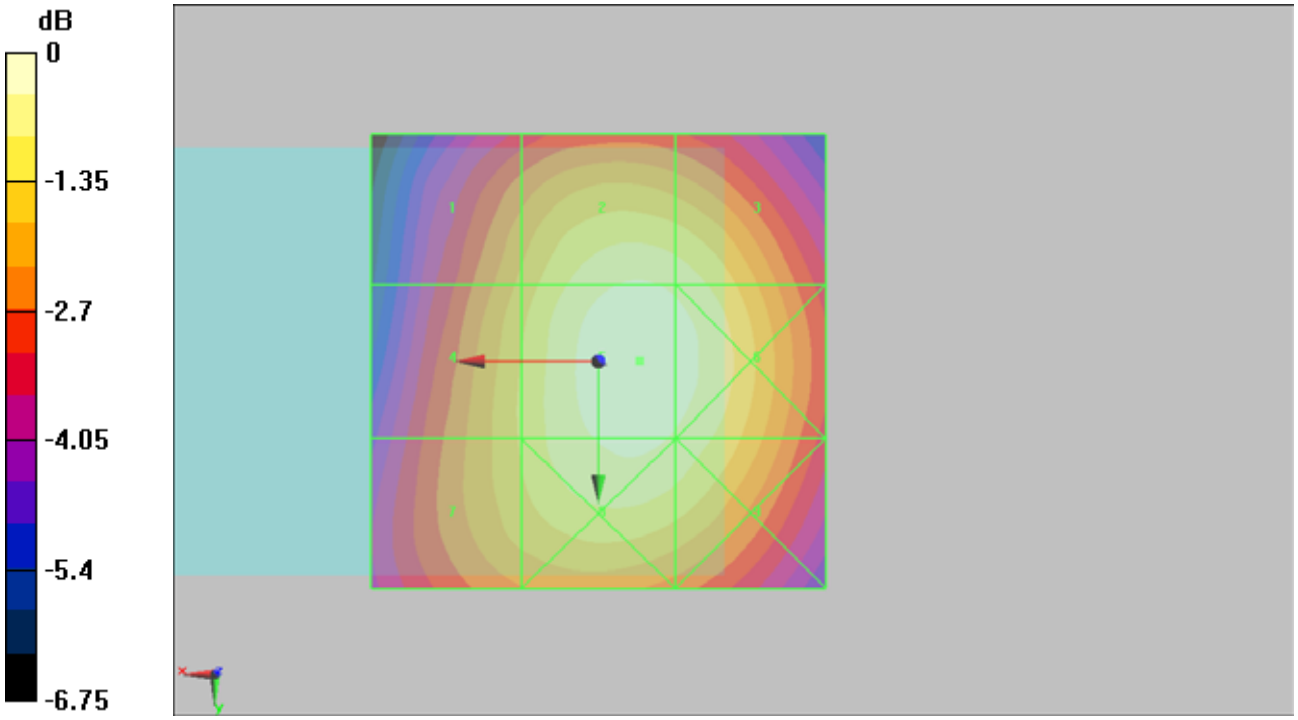
DASY5 Configuration:
- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2011/1/14
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch189/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 177.6 V/m
Probe Modulation Factor = 2.65
Device Reference Point: 0, 0, -6.3 mm
Reference Value = 88.5 V/m; Power Drift = 0.011 dB
Hearing Aid Near-Field Category: M3 (AWF -5 dB)

Peak E-field in V/m

Grid 1 **146.6 M4**	Grid 2 **169.6 M3**	Grid 3 **166.5 M3**
Grid 4 **153.5 M3**	Grid 5 **177.6 M3**	Grid 6 **173.3 M3**
Grid 7 **153.0 M3**	Grid 8 **171.2 M3**	Grid 9 **167.3 M3**

Cursor:
Total = 177.6 V/m
E Category: M3
Location: -4.5, 0, 8.7 mm



0 dB = 177.6V/m

#06 HAC_E_GSM850_Ch251

DUT: 150324

Communication System: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:8.3
Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\varepsilon_r = 1$; $\rho = 1000$ kg/m^3
Ambient Temperature：22.5 ℃

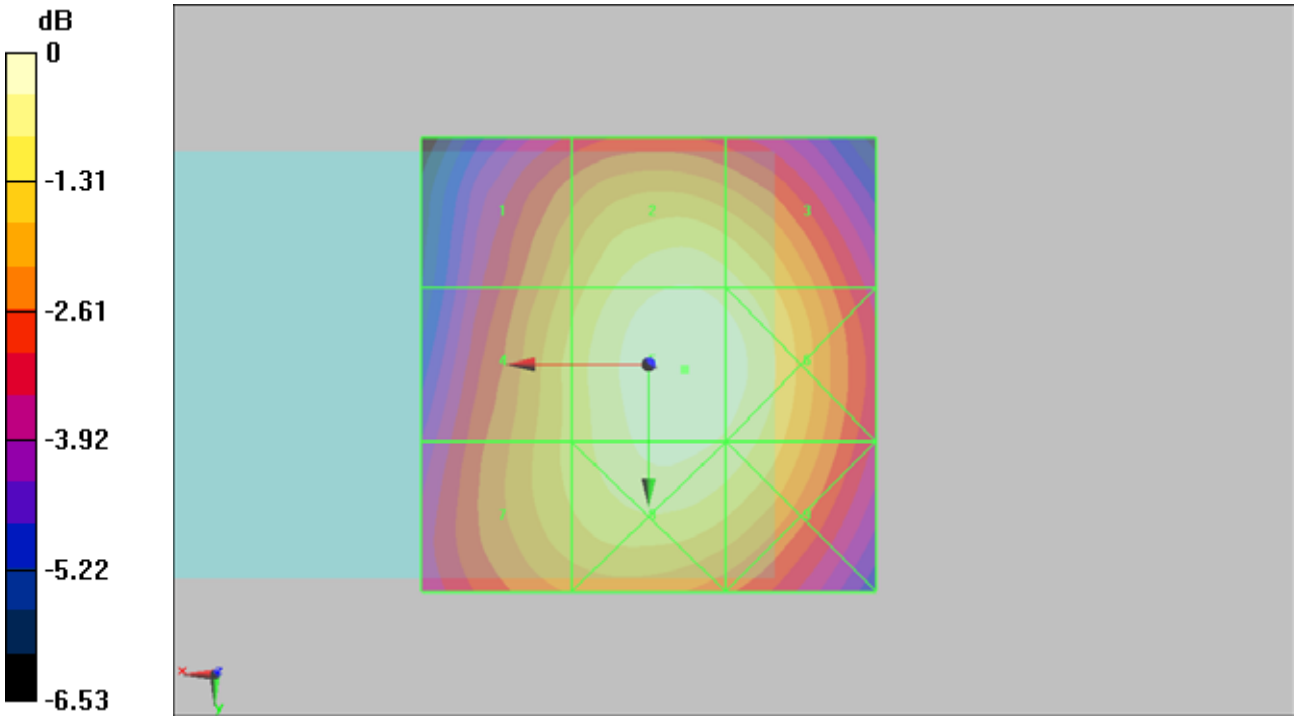
DASY5 Configuration:
- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2011/1/14
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch251/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 171.5 V/m
Probe Modulation Factor = 2.65
Device Reference Point: 0, 0, -6.3 mm
Reference Value = 86.7 V/m; Power Drift = -0.079 dB
Hearing Aid Near-Field Category: M3 (AWF -5 dB)

Peak E-field in V/m

Grid 1 **143.8 M4**	Grid 2 **163.7 M3**	Grid 3 **159.5 M3**
Grid 4 **150.7 M3**	Grid 5 **171.5 M3**	Grid 6 **167.9 M3**
Grid 7 **150.4 M3**	Grid 8 **166.1 M3**	Grid 9 **161.7 M3**

Cursor:
Total = 171.5 V/m
E Category: M3
Location: -4, 0.5, 8.7 mm



0 dB = 171.5V/m

#01 HAC_E_GSM1900_Ch512

DUT: 150324

Communication System: PCS; Frequency: 1850.2 MHz;Duty Cycle: 1:8.3
Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\varepsilon_r = 1$; $\rho = 1000$ kg/m^3
Ambient Temperature：22.5 ℃

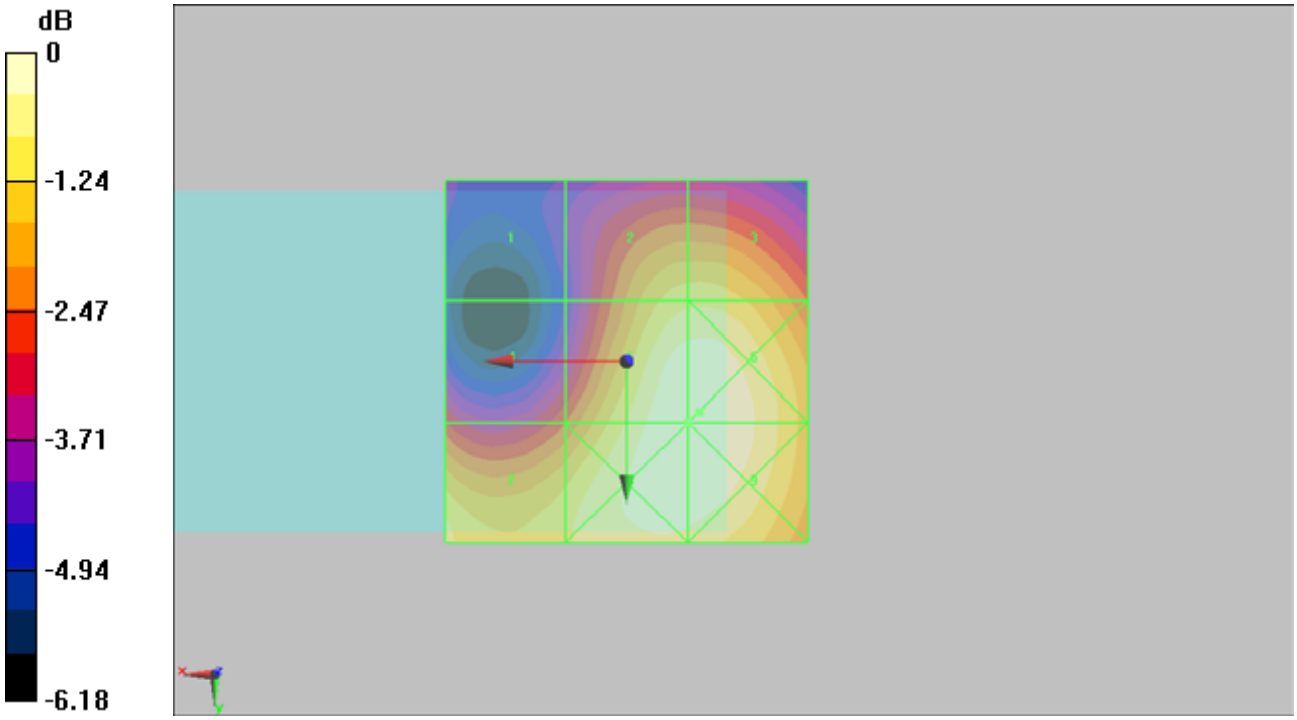
DASY5 Configuration:
- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2011/1/14
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch512/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 59.5 V/m
Probe Modulation Factor = 2.67
Device Reference Point: 0, 0, -6.3 mm
Reference Value = 25 V/m; Power Drift = 0.040 dB
Hearing Aid Near-Field Category: M3 (AWF -5 dB)

Peak E-field in V/m

Grid 1 **37 M4**	Grid 2 **53.4 M3**	Grid 3 **53.6 M3**
Grid 4 **44.9 M4**	Grid 5 **59.5 M3**	Grid 6 **59.6 M3**
Grid 7 **55.2 M3**	Grid 8 **59.5 M3**	Grid 9 **59.6 M3**

Cursor:
Total = 59.6 V/m
E Category: M3
Location: -10, 7, 8.7 mm



0 dB = 59.6V/m

#02 HAC_E_GSM1900_Ch661

DUT: 150324

Communication System: PCS; Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\varepsilon_r = 1$; $\rho = 1000$ kg/m^3
Ambient Temperature：22.4 ℃

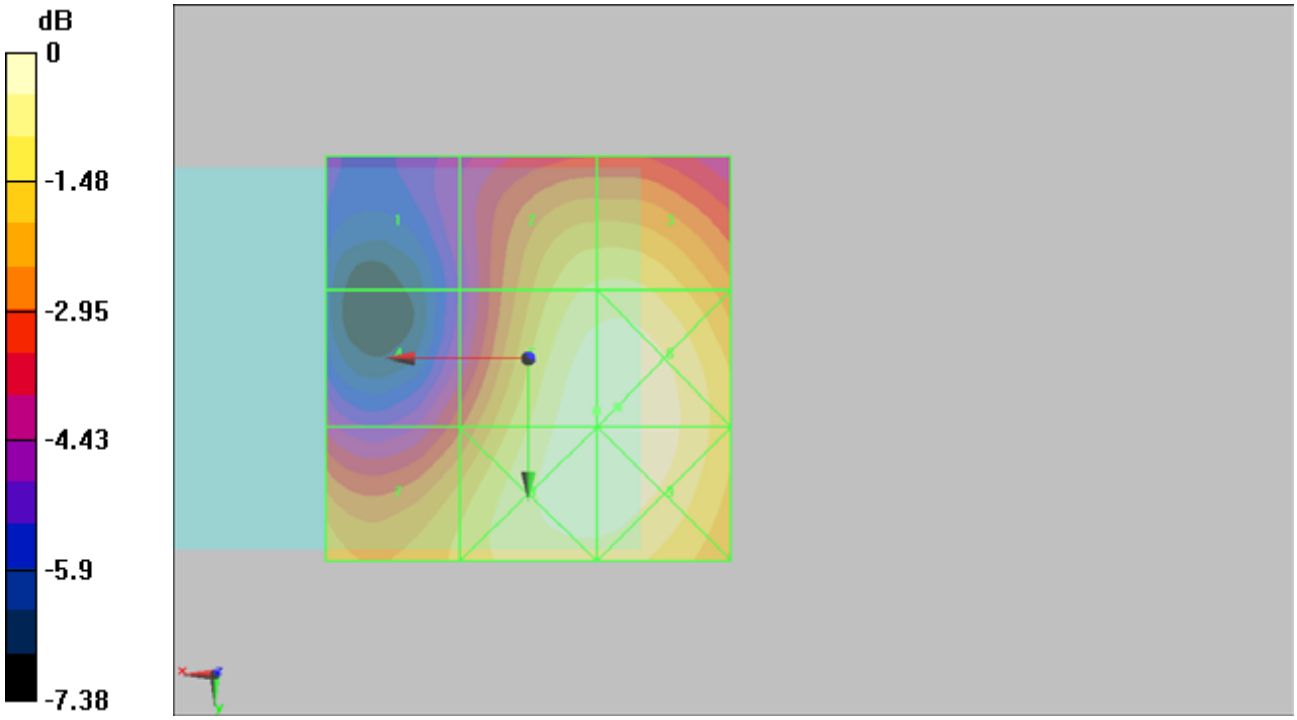
DASY5 Configuration:
- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2011/1/14
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch661/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 59.6 V/m
Probe Modulation Factor = 2.67
Device Reference Point: 0, 0, -6.3 mm
Reference Value = 24.9 V/m; Power Drift = 0.010 dB
Hearing Aid Near-Field Category: M3 (AWF -5 dB)

Peak E-field in V/m

Grid 1 **36.2 M4**	Grid 2 **54.3 M3**	Grid 3 **54.6 M3**
Grid 4 **42.3 M4**	Grid 5 **59.6 M3**	Grid 6 **60 M3**
Grid 7 **51.4 M3**	Grid 8 **59.5 M3**	Grid 9 **59.8 M3**

Cursor:
Total = 60 V/m
E Category: M3
Location: -11, 6, 8.7 mm



0 dB = 60V/m

#03 HAC_E_GSM1900_Ch810

DUT: 150324

Communication System: PCS; Frequency: 1909.8 MHz;Duty Cycle: 1:8.3
Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\varepsilon_r = 1$; $\rho = 1000$ kg/m^3
Ambient Temperature：22.4 ℃

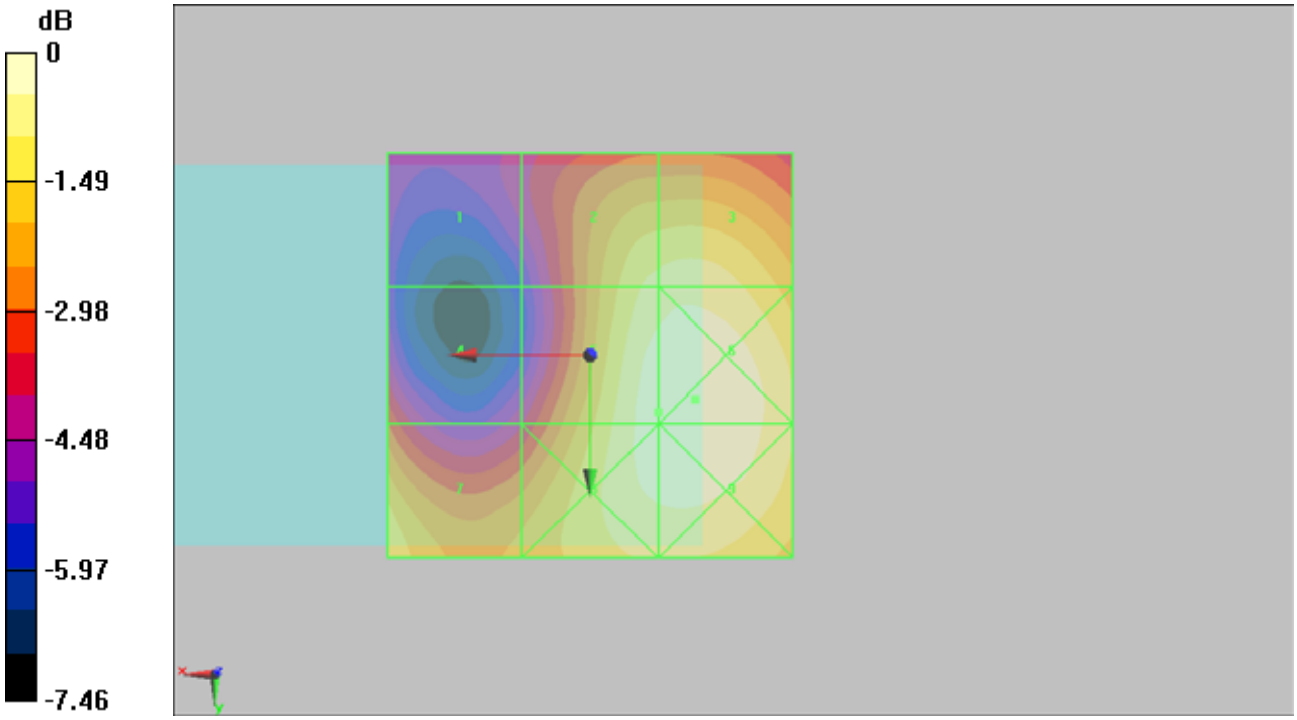
DASY5 Configuration:
- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2011/1/14
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch810/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 50.6 V/m
Probe Modulation Factor = 2.67
Device Reference Point: 0, 0, -6.3 mm
Reference Value = 20.1 V/m; Power Drift = -0.043 dB
Hearing Aid Near-Field Category: M3 (AWF -5 dB)

Peak E-field in V/m

Grid 1 **32.1 M4**	Grid 2 **47.1 M4**	Grid 3 **47.9 M3**
Grid 4 **37.1 M4**	Grid 5 **50.6 M3**	Grid 6 **51.7 M3**
Grid 7 **46.5 M4**	Grid 8 **50.5 M3**	Grid 9 **51.5 M3**

Cursor:
Total = 51.7 V/m
E Category: M3
Location: -13, 5.5, 8.7 mm



0 dB = 51.7V/m

#10 HAC_H_GSM850_Ch128

DUT: 150324

Communication System: GSM850; Frequency: 824.2 MHz;Duty Cycle: 1:8.3
Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\varepsilon_r = 1$; $\rho = 1$ kg/m^3
Ambient Temperature：22.4 ℃

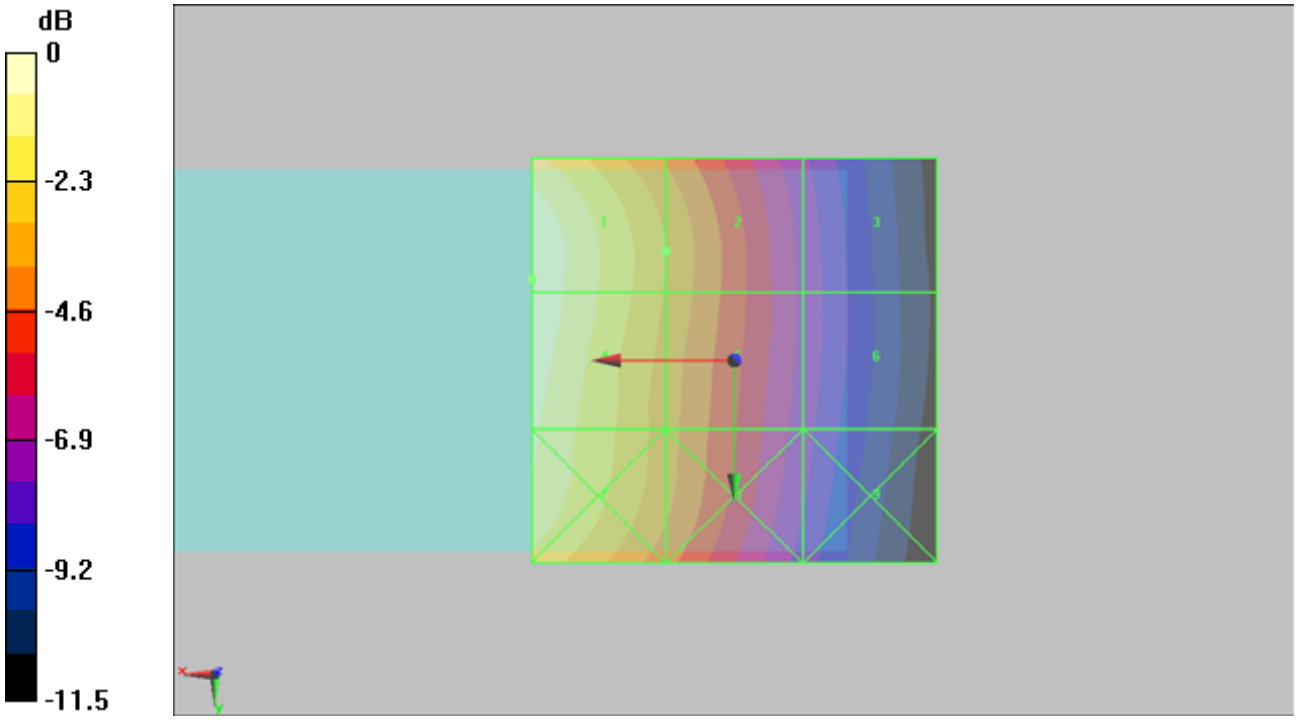
DASY5 Configuration:
- Probe: H3DV6 - SN6184; ; Calibrated: 2011/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch128/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 0.231 A/m
Probe Modulation Factor = 1.46
Device Reference Point: 0, 0, -6.3 mm
Reference Value = 0.090 A/m; Power Drift = 0.033 dB
Hearing Aid Near-Field Category: M4 (AWF -5 dB)

Peak H-field in A/m

Grid 1 **0.231 M4**	Grid 2 **0.163 M4**	Grid 3 **0.103 M4**
Grid 4 **0.231 M4**	Grid 5 **0.162 M4**	Grid 6 **0.103 M4**
Grid 7 **0.216 M4**	Grid 8 **0.155 M4**	Grid 9 **0.100 M4**

Cursor:
Total = 0.231 A/m
H Category: M4
Location: 25, -10, 8.7 mm



0 dB = 0.231A/m

#11 HAC_H_GSM850_Ch189

DUT: 150324

Communication System: GSM850; Frequency: 836.4 MHz;Duty Cycle: 1:8.3
Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\varepsilon_r = 1$; $\rho = 1$ kg/m^3
Ambient Temperature：22.5 ℃

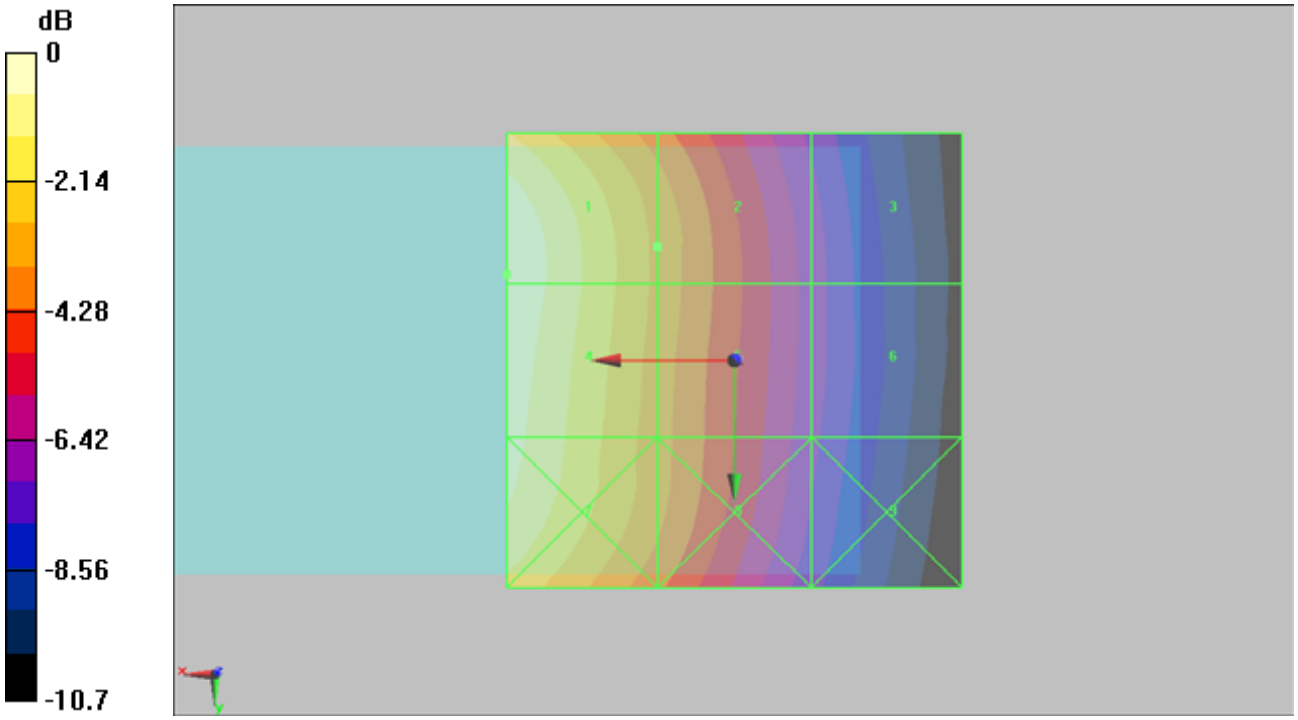
DASY5 Configuration:
- Probe: H3DV6 - SN6184; ; Calibrated: 2011/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch189/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 0.257 A/m
Probe Modulation Factor = 1.46
Device Reference Point: 0, 0, -6.3 mm
Reference Value = 0.104 A/m; Power Drift = -0.055 dB
Hearing Aid Near-Field Category: M4 (AWF -5 dB)

Peak H-field in A/m

Grid 1 **0.257 M4**	Grid 2 **0.182 M4**	Grid 3 **0.119 M4**
Grid 4 **0.257 M4**	Grid 5 **0.182 M4**	Grid 6 **0.119 M4**
Grid 7 **0.245 M4**	Grid 8 **0.177 M4**	Grid 9 **0.116 M4**

Cursor:
Total = 0.257 A/m
H Category: M4
Location: 25, -9.5, 8.7 mm



0 dB = 0.257A/m

#12 HAC_H_GSM850_Ch251

DUT: 150324

Communication System: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:8.3
Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\varepsilon_r = 1$; $\rho = 1$ kg/m^3
Ambient Temperature：22.4 ℃

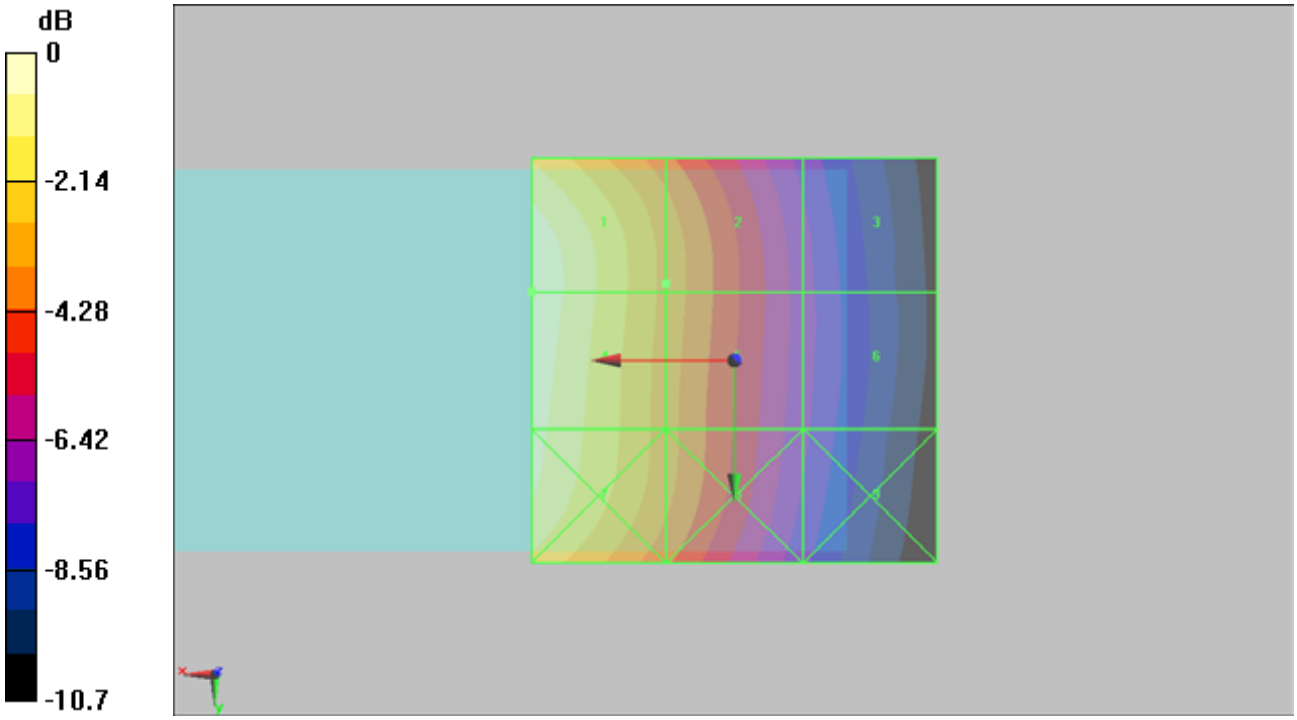
DASY5 Configuration:
- Probe: H3DV6 - SN6184; ; Calibrated: 2011/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch251/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 0.261 A/m
Probe Modulation Factor = 1.46
Device Reference Point: 0, 0, -6.3 mm
Reference Value = 0.105 A/m; Power Drift = 0.053 dB
Hearing Aid Near-Field Category: M4 (AWF -5 dB)

Peak H-field in A/m

Grid 1 **0.261 M4**	Grid 2 **0.184 M4**	Grid 3 **0.119 M4**
Grid 4 **0.261 M4**	Grid 5 **0.184 M4**	Grid 6 **0.120 M4**
Grid 7 **0.249 M4**	Grid 8 **0.180 M4**	Grid 9 **0.117 M4**

Cursor:
Total = 0.261 A/m
H Category: M4
Location: 25, -8.5, 8.7 mm



0 dB = 0.261A/m

#07 HAC_H_GSM1900_Ch512

DUT: 150324

Communication System: PCS; Frequency: 1850.2 MHz;Duty Cycle: 1:8.3
Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\varepsilon_r = 1$; $\rho = 1$ kg/m^3
Ambient Temperature：22.4 ℃

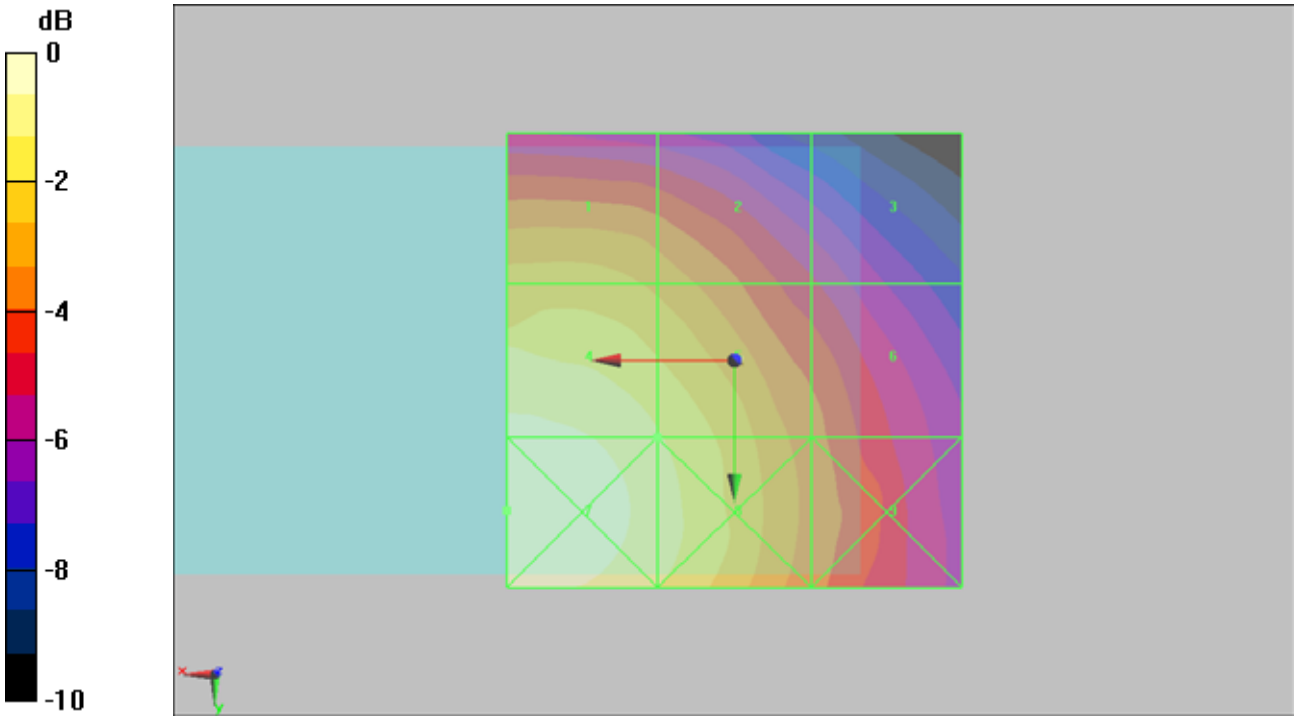
DASY5 Configuration:
- Probe: H3DV6 - SN6184; ; Calibrated: 2011/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch512/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 0.107 A/m
Probe Modulation Factor = 1.24
Device Reference Point: 0, 0, -6.3 mm
Reference Value = 0.068 A/m; Power Drift = 0.056 dB
Hearing Aid Near-Field Category: M4 (AWF -5 dB)

Peak H-field in A/m

Grid 1 **0.086 M4**	Grid 2 **0.081 M4**	Grid 3 **0.062 M4**
Grid 4 **0.107 M4**	Grid 5 **0.097 M4**	Grid 6 **0.073 M4**
Grid 7 **0.112 M4**	Grid 8 **0.100 M4**	Grid 9 **0.075 M4**

Cursor:
Total = 0.112 A/m
H Category: M4
Location: 25, 16.5, 8.7 mm



0 dB = 0.112A/m

#08 HAC_H_GSM1900_Ch661

DUT: 150324

Communication System: PCS; Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\varepsilon_r = 1$; $\rho = 1$ kg/m^3
Ambient Temperature：22.4 ℃

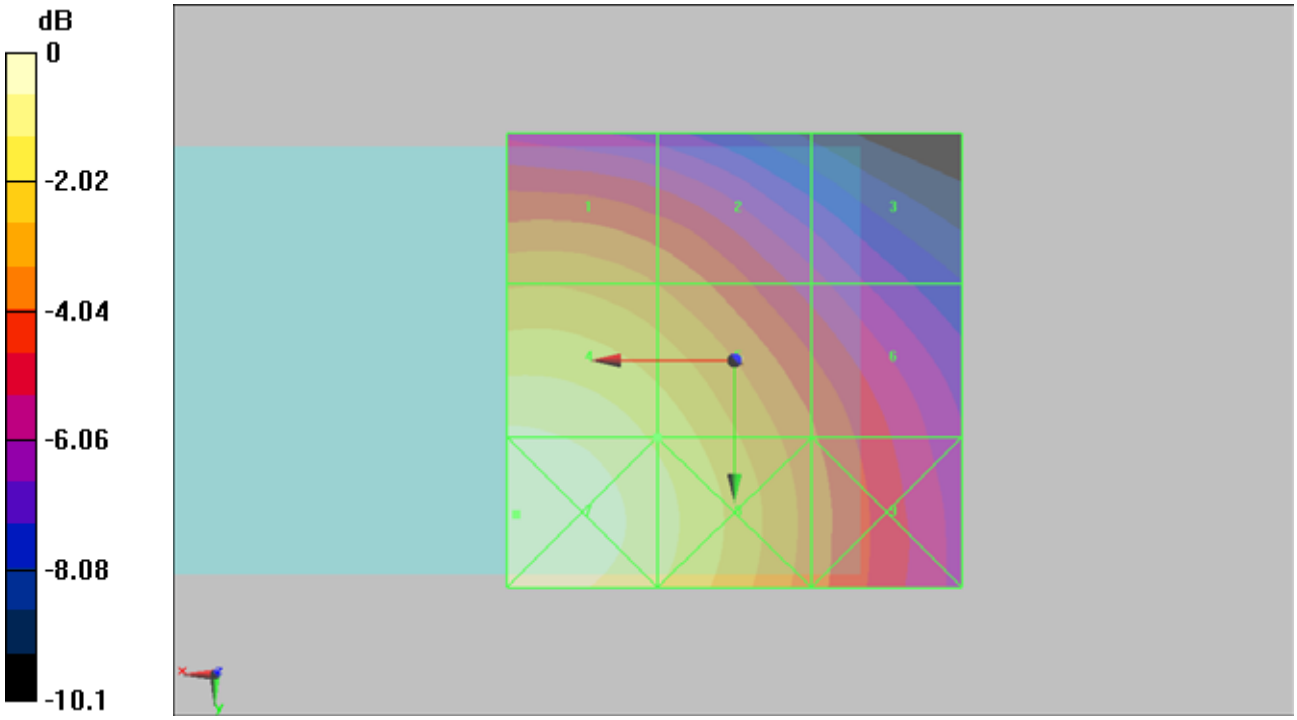
DASY5 Configuration:
- Probe: H3DV6 - SN6184; ; Calibrated: 2011/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch661/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 0.110 A/m
Probe Modulation Factor = 1.24
Device Reference Point: 0, 0, -6.3 mm
Reference Value = 0.069 A/m; Power Drift = 0.077 dB
Hearing Aid Near-Field Category: M4 (AWF -5 dB)

Peak H-field in A/m

Grid 1 **0.085 M4**	Grid 2 **0.079 M4**	Grid 3 **0.060 M4**
Grid 4 **0.110 M4**	Grid 5 **0.099 M4**	Grid 6 **0.075 M4**
Grid 7 **0.117 M4**	Grid 8 **0.104 M4**	Grid 9 **0.077 M4**

Cursor:
Total = 0.117 A/m
H Category: M4
Location: 24, 17, 8.7 mm



0 dB = 0.117A/m

#09 HAC_H_GSM1900_Ch810

DUT: 150324

Communication System: PCS; Frequency: 1909.8 MHz;Duty Cycle: 1:8.3
Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\varepsilon_r = 1$; $\rho = 1$ kg/m^3
Ambient Temperature：22.4 ℃

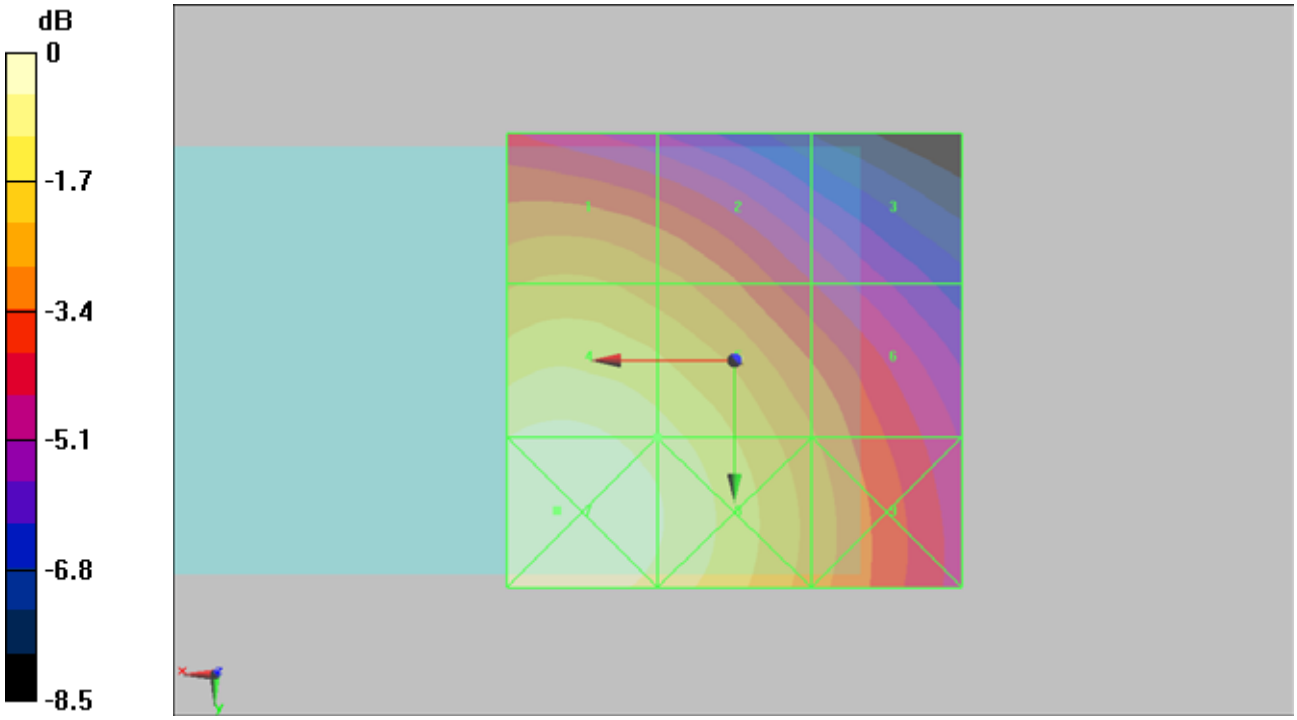
DASY5 Configuration:
- Probe: H3DV6 - SN6184; ; Calibrated: 2011/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch810/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 0.098 A/m
Probe Modulation Factor = 1.24
Device Reference Point: 0, 0, -6.3 mm
Reference Value = 0.068 A/m; Power Drift = -0.00237 dB
Hearing Aid Near-Field Category: M4 (AWF -5 dB)

Peak H-field in A/m

Grid 1 **0.080 M4**	Grid 2 **0.076 M4**	Grid 3 **0.061 M4**
Grid 4 **0.098 M4**	Grid 5 **0.092 M4**	Grid 6 **0.074 M4**
Grid 7 **0.102 M4**	Grid 8 **0.096 M4**	Grid 9 **0.077 M4**

Cursor:
Total = 0.102 A/m
H Category: M4
Location: 19.5, 16.5, 8.7 mm



0 dB = 0.102A/m