

**#01 HAC\_E\_GSM850\_Ch128****DUT: 211214**

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:8.3

Medium: Air Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.4 °C;

## DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2012/1/26
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch128/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 178.2 V/m

Probe Modulation Factor = 2.64

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 87 V/m; Power Drift = 0.038 dB

**Hearing Aid Near-Field Category: M3 (AWF -5 dB)**

Peak E-field in V/m

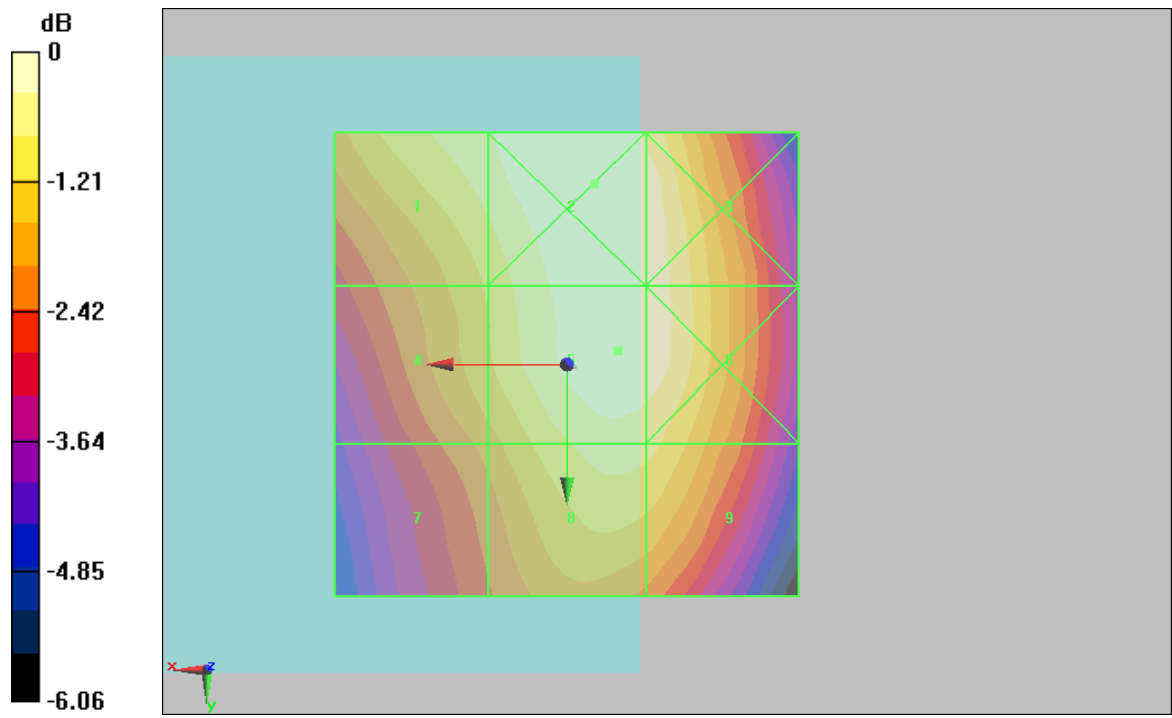
Grid 1	Grid 2	Grid 3
<b>170.8 M3</b>	<b>179.9 M3</b>	<b>177.4 M3</b>
Grid 4	Grid 5	Grid 6
<b>157.8 M3</b>	<b>178.2 M3</b>	<b>177.6 M3</b>
Grid 7	Grid 8	Grid 9
<b>146.1 M4</b>	<b>168.1 M3</b>	<b>166.6 M3</b>

**Cursor:**

Total = 179.9 V/m

E Category: M3

Location: -3, -19.5, 8.7 mm



0 dB = 179.9V/m

**#02 HAC\_E\_GSM850\_Ch189****DUT: 211214**

Communication System: GSM850; Frequency: 836.4 MHz; Duty Cycle: 1:8.3

Medium: Air Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.4 °C;

## DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2012/1/26
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch189/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 208.2 V/m

Probe Modulation Factor = 2.64

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 101.6 V/m; Power Drift = -0.050 dB

**Hearing Aid Near-Field Category: M3 (AWF -5 dB)**

Peak E-field in V/m

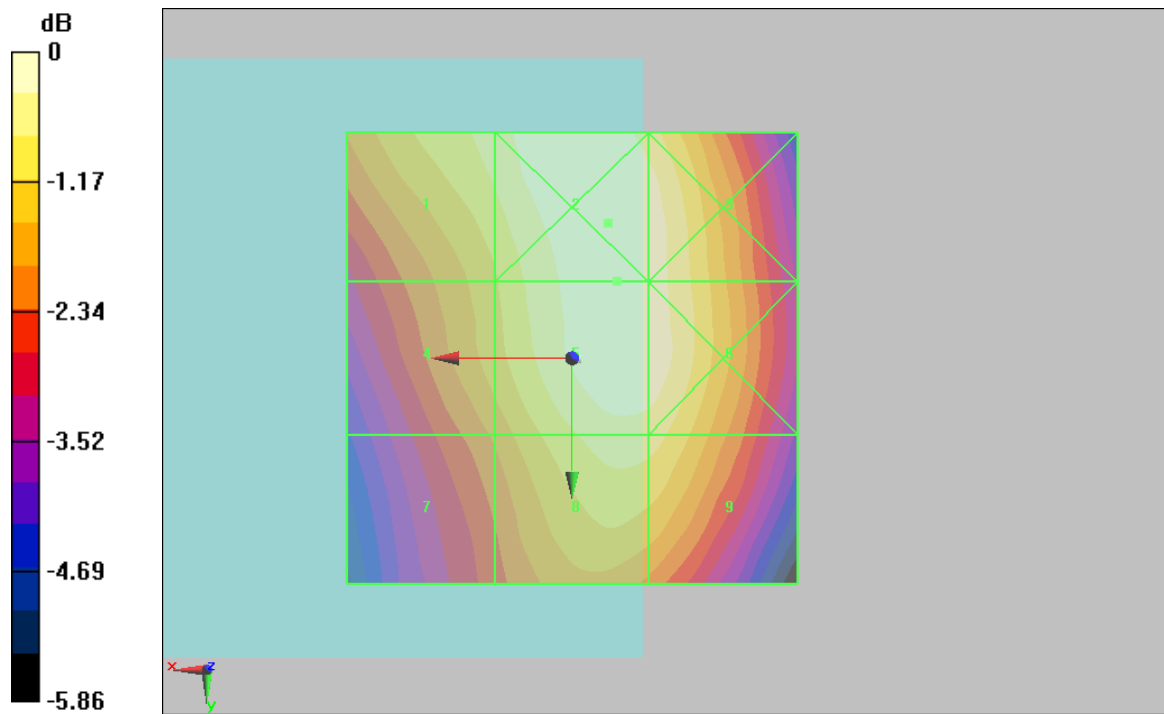
Grid 1 <b>194.8 M3</b>	Grid 2 <b>208.5 M3</b>	Grid 3 <b>204.7 M3</b>
Grid 4 <b>181.5 M3</b>	Grid 5 <b>208.2 M3</b>	Grid 6 <b>205.8 M3</b>
Grid 7 <b>168.5 M3</b>	Grid 8 <b>196.0 M3</b>	Grid 9 <b>194.6 M3</b>

**Cursor:**

Total = 208.5 V/m

E Category: M3

Location: -4, -15, 8.7 mm



0 dB = 208.5V/m

**#03 HAC\_E\_GSM850\_Ch251****DUT: 211214**

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:8.3

Medium: Air Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.4 °C;

## DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2012/1/26
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch251/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 187.2 V/m

Probe Modulation Factor = 2.64

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 91.1 V/m; Power Drift = -0.011 dB

**Hearing Aid Near-Field Category: M3 (AWF -5 dB)**

Peak E-field in V/m

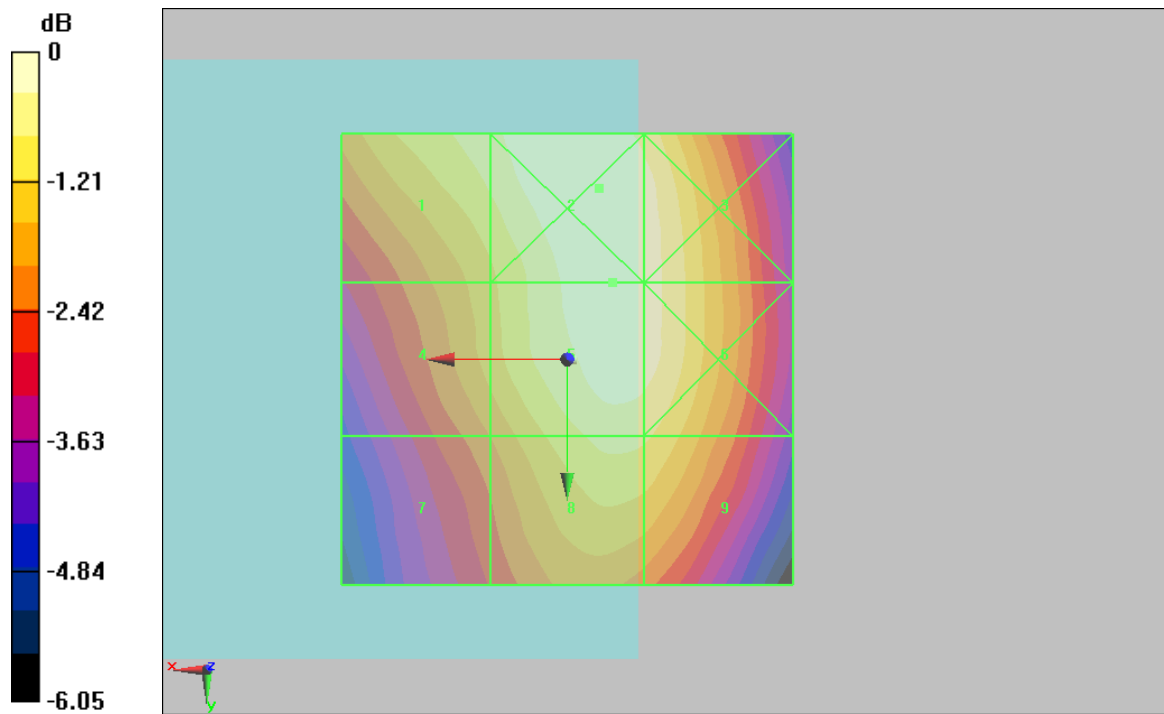
Grid 1	Grid 2	Grid 3
<b>178.6 M3</b>	<b>189.5 M3</b>	<b>185.5 M3</b>
Grid 4	Grid 5	Grid 6
<b>163.2 M3</b>	<b>187.2 M3</b>	<b>185.2 M3</b>
Grid 7	Grid 8	Grid 9
<b>150.6 M3</b>	<b>175.7 M3</b>	<b>174.1 M3</b>

**Cursor:**

Total = 189.5 V/m

E Category: M3

Location: -3.5, -19, 8.7 mm



0 dB = 189.5V/m

**#04 HAC\_E\_GSM1900\_Ch512****DUT: 211214**

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium: Air Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.4 °C;

## DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2012/1/26
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch512/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 63.7 V/m

Probe Modulation Factor = 2.67

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 12.9 V/m; Power Drift = -0.00365 dB

**Hearing Aid Near-Field Category: M3 (AWF -5 dB)**

Peak E-field in V/m

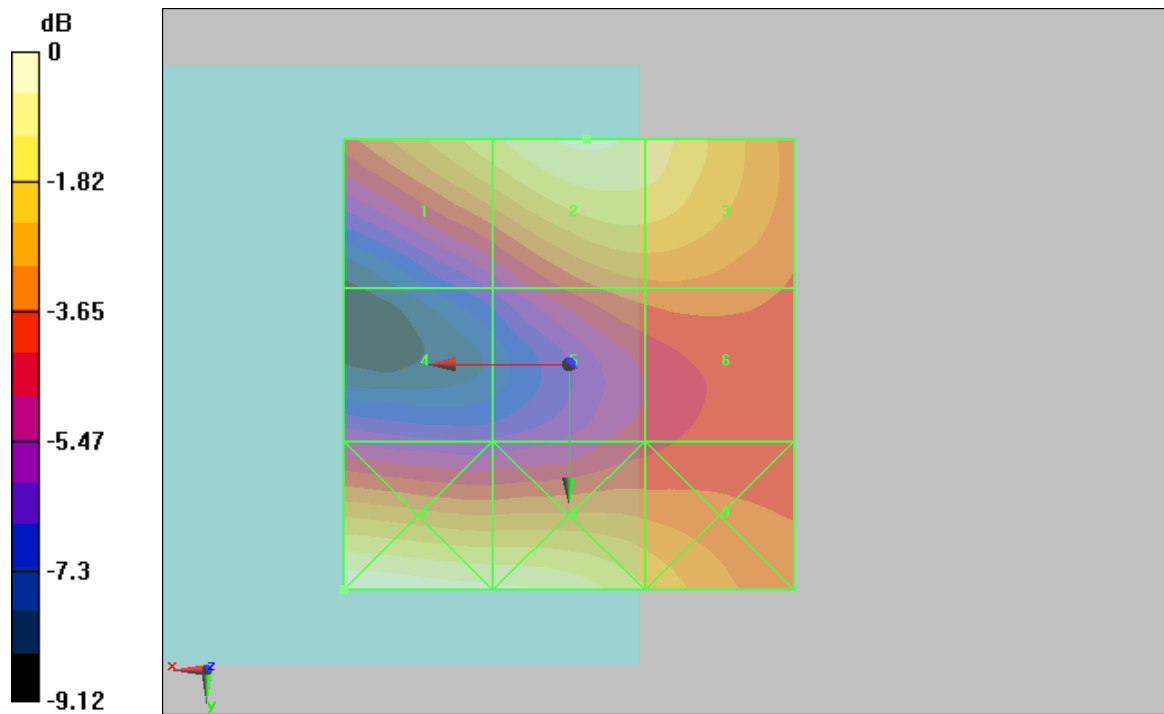
Grid 1 <b>57.7 M3</b>	Grid 2 <b>63.7 M3</b>	Grid 3 <b>61.2 M3</b>
Grid 4 <b>35.8 M4</b>	Grid 5 <b>46.5 M4</b>	Grid 6 <b>46.9 M4</b>
Grid 7 <b>67.4 M3</b>	Grid 8 <b>64.1 M3</b>	Grid 9 <b>54.9 M3</b>

**Cursor:**

Total = 67.4 V/m

E Category: M3

Location: 25, 25, 8.7 mm



0 dB = 67.4V/m

**#05 HAC\_E\_GSM1900\_Ch661****DUT: 211214**

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium: Air Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.4 °C;

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2012/1/26
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch661/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 62 V/m

Probe Modulation Factor = 2.67

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 13.6 V/m; Power Drift = -0.028 dB

**Hearing Aid Near-Field Category: M3 (AWF -5 dB)**

Peak E-field in V/m

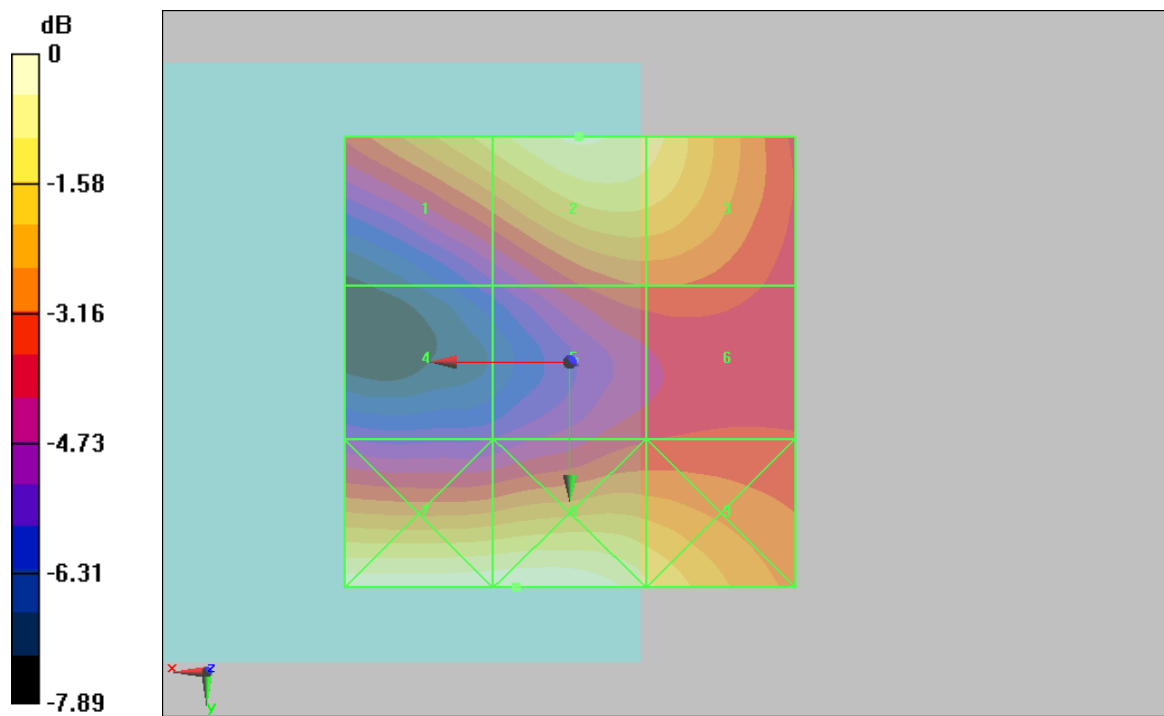
Grid 1 <b>56.3 M3</b>	Grid 2 <b>62 M3</b>	Grid 3 <b>59.5 M3</b>
Grid 4 <b>35.9 M4</b>	Grid 5 <b>45.4 M4</b>	Grid 6 <b>45.6 M4</b>
Grid 7 <b>65 M3</b>	Grid 8 <b>65.2 M3</b>	Grid 9 <b>58.7 M3</b>

**Cursor:**

Total = 65.2 V/m

E Category: M3

Location: 6, 25, 8.7 mm



0 dB = 65.2V/m

**#06 HAC\_E\_GSM1900\_Ch810****DUT: 211214**

Communication System: PCS; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

Medium: Air Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.4 °C;

## DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2012/1/26
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch810/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 73.9 V/m

Probe Modulation Factor = 2.67

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 14.2 V/m; Power Drift = -0.031 dB

**Hearing Aid Near-Field Category: M3 (AWF -5 dB)**

Peak E-field in V/m

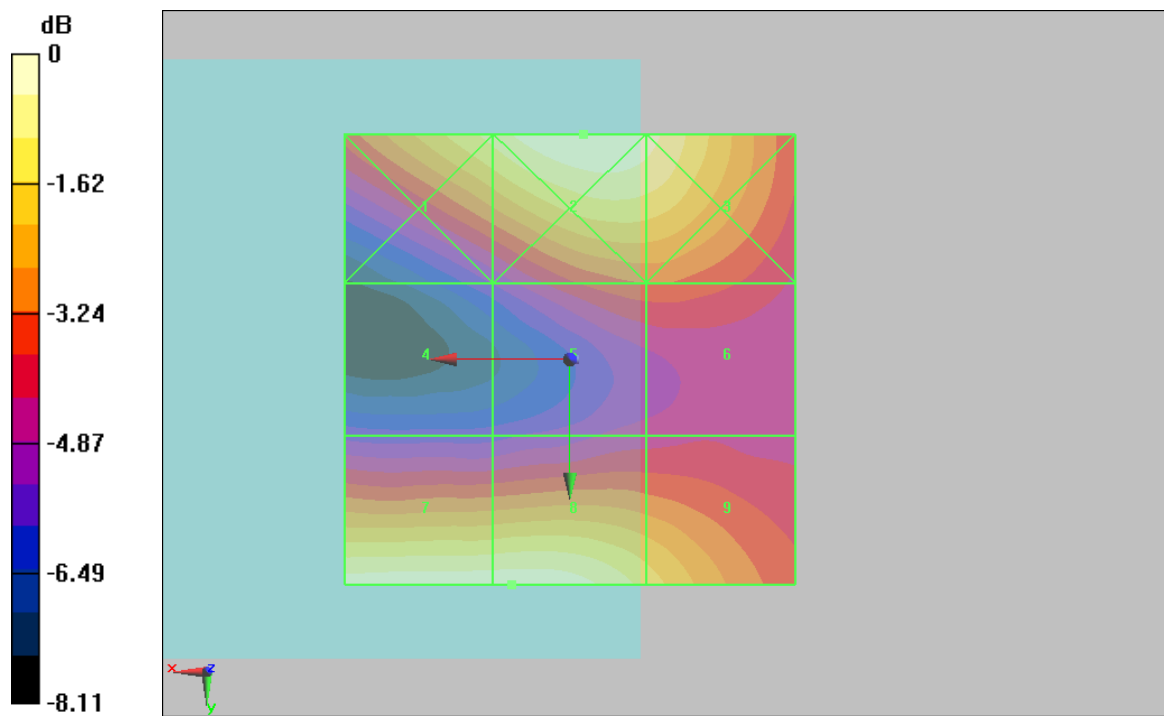
Grid 1 <b>67.7 M3</b>	Grid 2 <b>74.6 M3</b>	Grid 3 <b>71.8 M3</b>
Grid 4 <b>40.4 M4</b>	Grid 5 <b>51.5 M3</b>	Grid 6 <b>51.6 M3</b>
Grid 7 <b>73.8 M3</b>	Grid 8 <b>73.9 M3</b>	Grid 9 <b>64.3 M3</b>

**Cursor:**

Total = 74.6 V/m

E Category: M3

Location: -1.5, -25, 8.7 mm



0 dB = 74.6V/m

**#07 HAC\_E\_WCDMA V\_RMC12.2K\_Ch4132****DUT: 211214**

Communication System: WCDMA; Frequency: 826.4 MHz; Duty Cycle: 1:1  
 Medium: Air Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Ambient Temperature : 22.4 °C;

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2012/1/26
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch4132/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 68.1 V/m

Probe Modulation Factor = 1

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 87.7 V/m; Power Drift = -0.070 dB

**Hearing Aid Near-Field Category: M4 (AWF 0 dB)**

Peak E-field in V/m

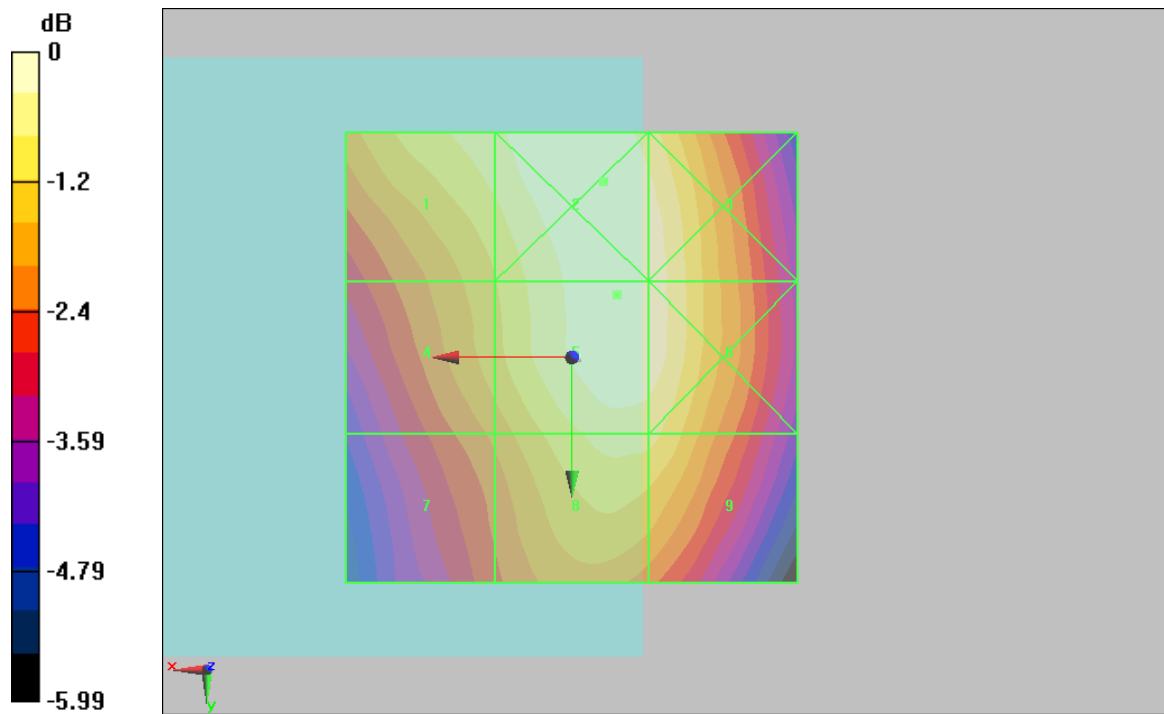
Grid 1 <b>64.9 M4</b>	Grid 2 <b>68.7 M4</b>	Grid 3 <b>67.5 M4</b>
Grid 4 <b>59.8 M4</b>	Grid 5 <b>68.1 M4</b>	Grid 6 <b>67.5 M4</b>
Grid 7 <b>55.4 M4</b>	Grid 8 <b>64 M4</b>	Grid 9 <b>63.6 M4</b>

**Cursor:**

Total = 68.7 V/m

E Category: M4

Location: -3.5, -19.5, 8.7 mm



0 dB = 68.7V/m

**#08 HAC\_E\_WCDMA V\_RMC12.2K\_Ch4182****DUT: 211214**

Communication System: WCDMA; Frequency: 836.4 MHz; Duty Cycle: 1:1  
 Medium: Air Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Ambient Temperature : 22.4 °C;

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2012/1/26
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch4182/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 69.4 V/m

Probe Modulation Factor = 1

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 88.9 V/m; Power Drift = 0.00154 dB

**Hearing Aid Near-Field Category: M4 (AWF 0 dB)**

Peak E-field in V/m

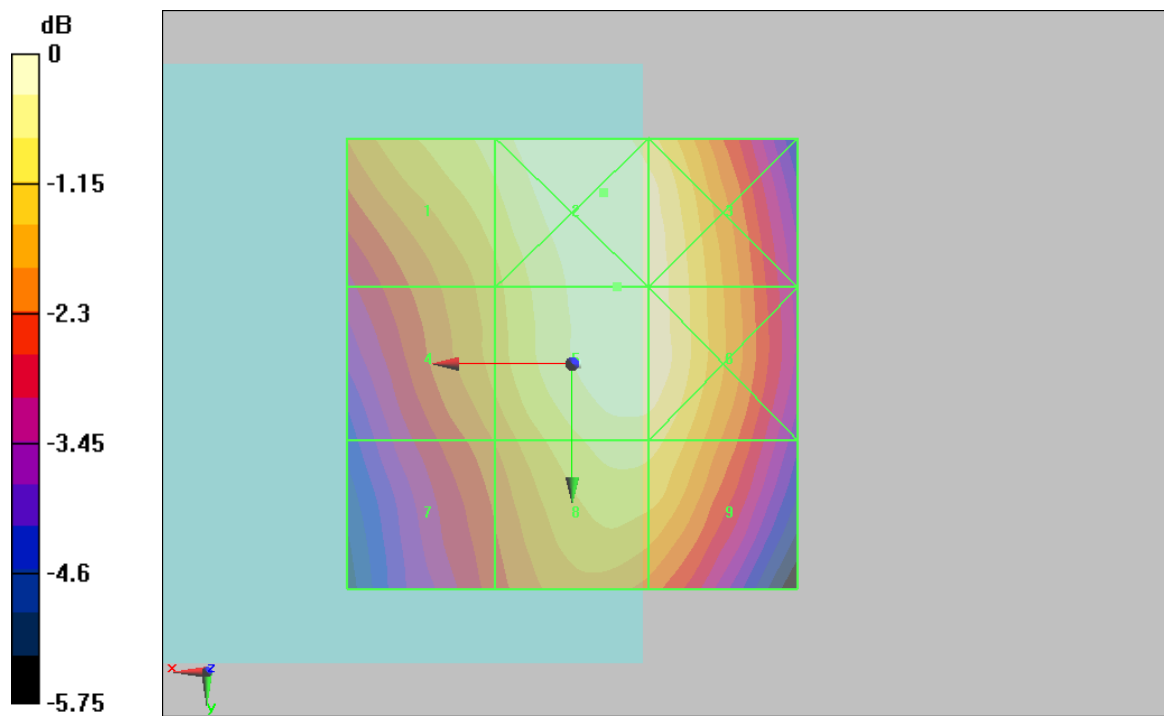
Grid 1 <b>65.2 M4</b>	Grid 2 <b>69.8 M4</b>	Grid 3 <b>68.7 M4</b>
Grid 4 <b>60.3 M4</b>	Grid 5 <b>69.4 M4</b>	Grid 6 <b>69 M4</b>
Grid 7 <b>56.3 M4</b>	Grid 8 <b>65.4 M4</b>	Grid 9 <b>65 M4</b>

**Cursor:**

Total = 69.8 V/m

E Category: M4

Location: -3.5, -19, 8.7 mm



0 dB = 69.8V/m

**#09 HAC\_E\_WCDMA V\_RMC12.2K\_Ch4233****DUT: 211214**

Communication System: WCDMA; Frequency: 846.6 MHz; Duty Cycle: 1:1  
 Medium: Air Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Ambient Temperature : 22.4 °C;

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2012/1/26
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch4233/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 69.9 V/m

Probe Modulation Factor = 1

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 89.3 V/m; Power Drift = -0.033 dB

**Hearing Aid Near-Field Category: M4 (AWF 0 dB)**

Peak E-field in V/m

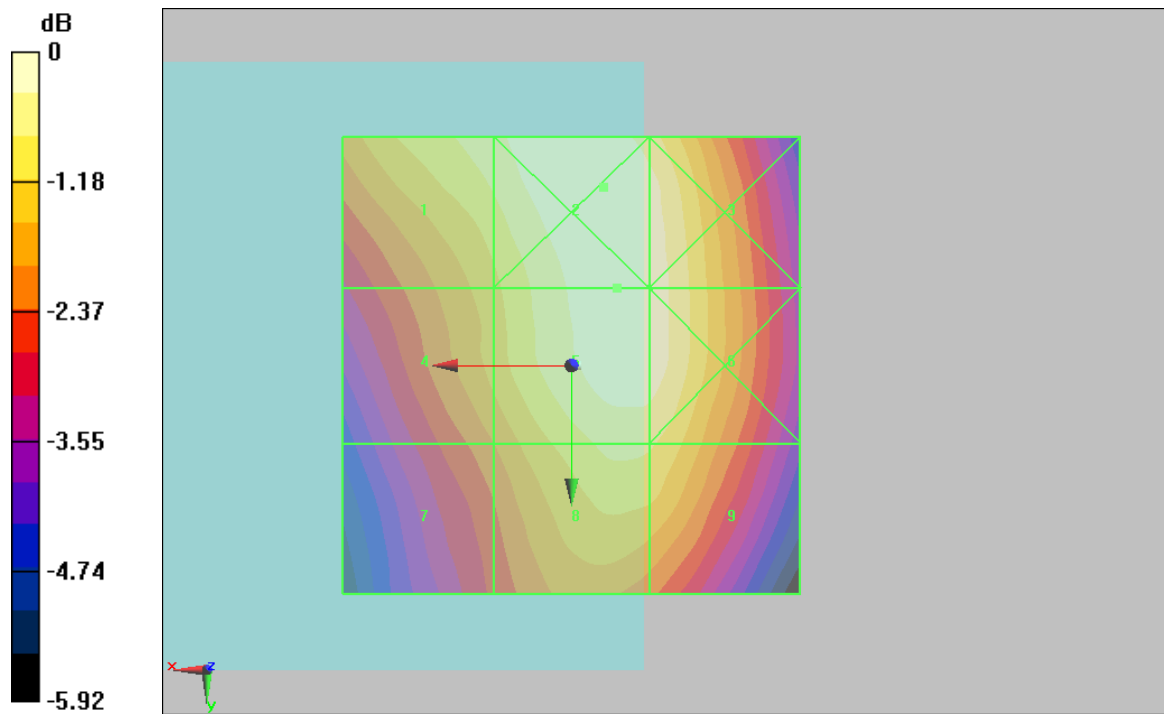
Grid 1 <b>66.7 M4</b>	Grid 2 <b>70.7 M4</b>	Grid 3 <b>69.4 M4</b>
Grid 4 <b>61 M4</b>	Grid 5 <b>69.9 M4</b>	Grid 6 <b>69.4 M4</b>
Grid 7 <b>56.4 M4</b>	Grid 8 <b>65.6 M4</b>	Grid 9 <b>65 M4</b>

**Cursor:**

Total = 70.7 V/m

E Category: M4

Location: -3.5, -19.5, 8.7 mm



0 dB = 70.7V/m

## #10 HAC\_E\_WCDMA II\_RMC12.2K\_Ch9262

**DUT: 211214**

Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1  
Medium: Air Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 22.4 °C;

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2012/1/26
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch9262/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 30.6 V/m

Probe Modulation Factor = 0.980

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 16.8 V/m; Power Drift = 0.042 dB

**Hearing Aid Near-Field Category: M4 (AWF 0 dB)**

Peak E-field in V/m

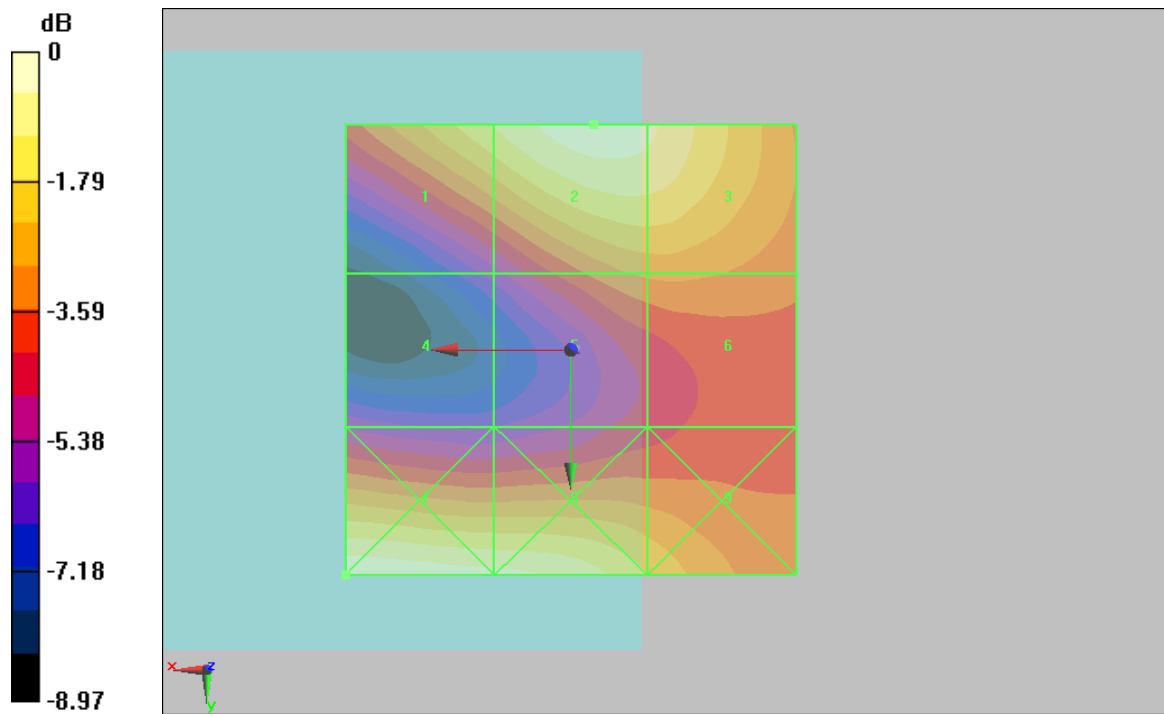
Grid 1 <b>27.5 M4</b>	Grid 2 <b>30.6 M4</b>	Grid 3 <b>29.7 M4</b>
Grid 4 <b>16.8 M4</b>	Grid 5 <b>22.6 M4</b>	Grid 6 <b>22.8 M4</b>
Grid 7 <b>31.4 M4</b>	Grid 8 <b>30 M4</b>	Grid 9 <b>25.6 M4</b>

**Cursor:**

Total = 31.4 V/m

E Category: M4

Location: 25, 25, 8.7 mm



0 dB = 31.4V/m

**#11 HAC\_E\_WCDMA II\_RMC12.2K\_Ch9400****DUT: 211214**

Communication System: WCDMA; Frequency: 1880 MHz; Duty Cycle: 1:1  
 Medium: Air Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Ambient Temperature : 22.4 °C;

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2012/1/26
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch9400/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 26.6 V/m

Probe Modulation Factor = 0.980

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 16.4 V/m; Power Drift = -0.010 dB

**Hearing Aid Near-Field Category: M4 (AWF 0 dB)**

Peak E-field in V/m

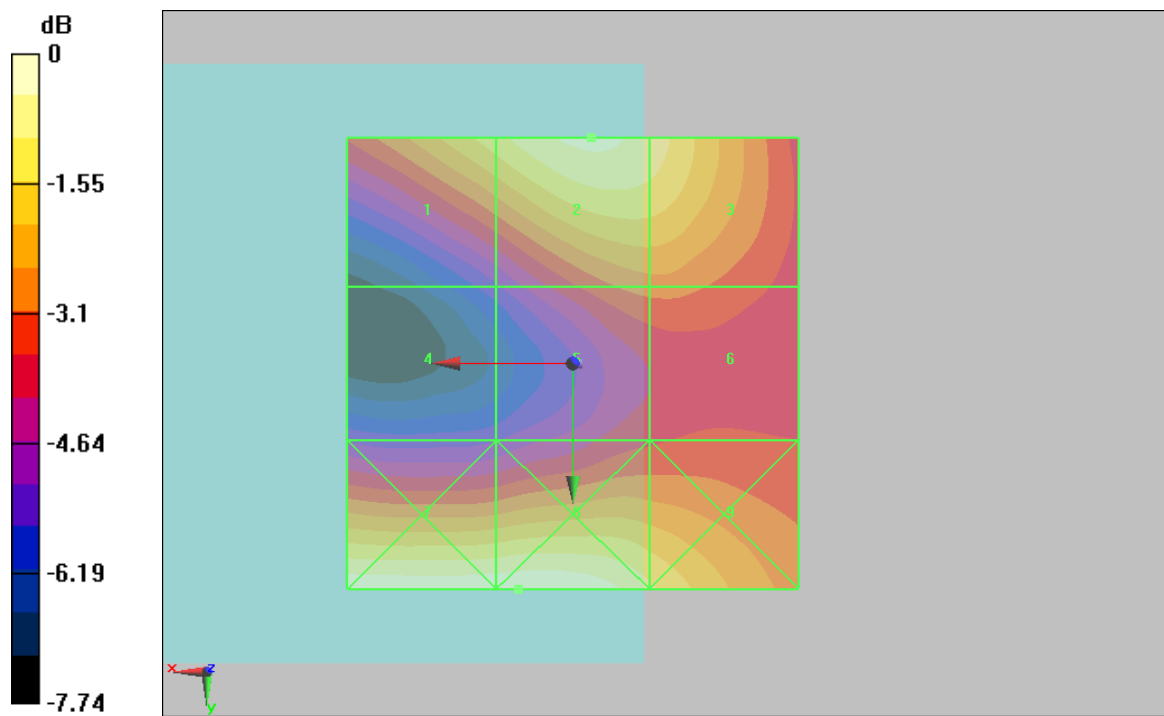
Grid 1 <b>24.2 M4</b>	Grid 2 <b>26.6 M4</b>	Grid 3 <b>25.6 M4</b>
Grid 4 <b>15.3 M4</b>	Grid 5 <b>20 M4</b>	Grid 6 <b>20.1 M4</b>
Grid 7 <b>27.6 M4</b>	Grid 8 <b>27.8 M4</b>	Grid 9 <b>25 M4</b>

**Cursor:**

Total = 27.8 V/m

E Category: M4

Location: 6, 25, 8.7 mm



0 dB = 27.8V/m

**#12 HAC\_E\_WCDMA II\_RMC12.2K\_Ch9538****DUT: 211214**

Communication System: WCDMA; Frequency: 1907.6 MHz; Duty Cycle: 1:1  
 Medium: Air Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Ambient Temperature : 22.4 °C;

## DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2012/1/26
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch9538/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 30.9 V/m

Probe Modulation Factor = 0.980

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 16.9 V/m; Power Drift = -0.013 dB

**Hearing Aid Near-Field Category: M4 (AWF 0 dB)**

Peak E-field in V/m

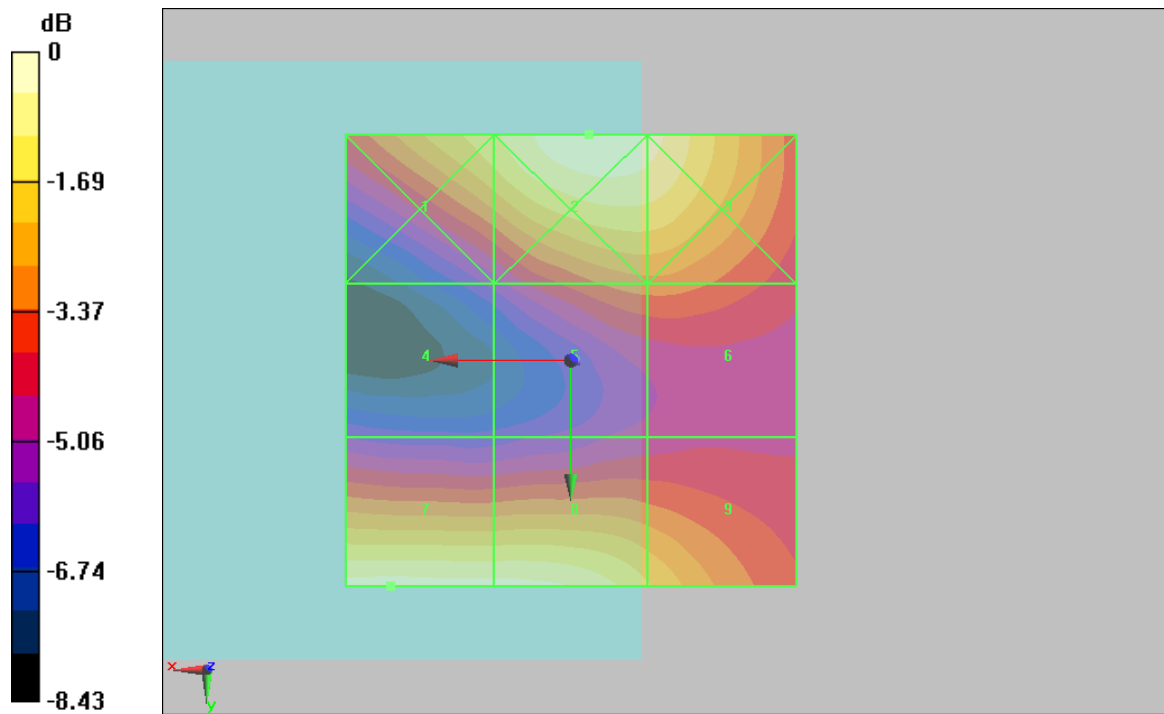
Grid 1 <b>27.7 M4</b>	Grid 2 <b>31.8 M4</b>	Grid 3 <b>30.6 M4</b>
Grid 4 <b>17.2 M4</b>	Grid 5 <b>22.4 M4</b>	Grid 6 <b>22.5 M4</b>
Grid 7 <b>30.9 M4</b>	Grid 8 <b>30.6 M4</b>	Grid 9 <b>26.4 M4</b>

**Cursor:**

Total = 31.8 V/m

E Category: M4

Location: -2, -25, 8.7 mm



0 dB = 31.8V/m

**#13 HAC\_H\_GSM850\_Ch128****DUT: 211214**

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:8.3

Medium: Air Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1$  kg/m<sup>3</sup>

Ambient Temperature : 22.4 °C;

**DASY5 Configuration:**

- Probe: H3DV6 - SN6184; ; Calibrated: 2012/1/26
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch128/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.341 A/m

Probe Modulation Factor = 2.54

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.068 A/m; Power Drift = 0.068 dB

**Hearing Aid Near-Field Category: M4 (AWF -5 dB)**

Peak H-field in A/m

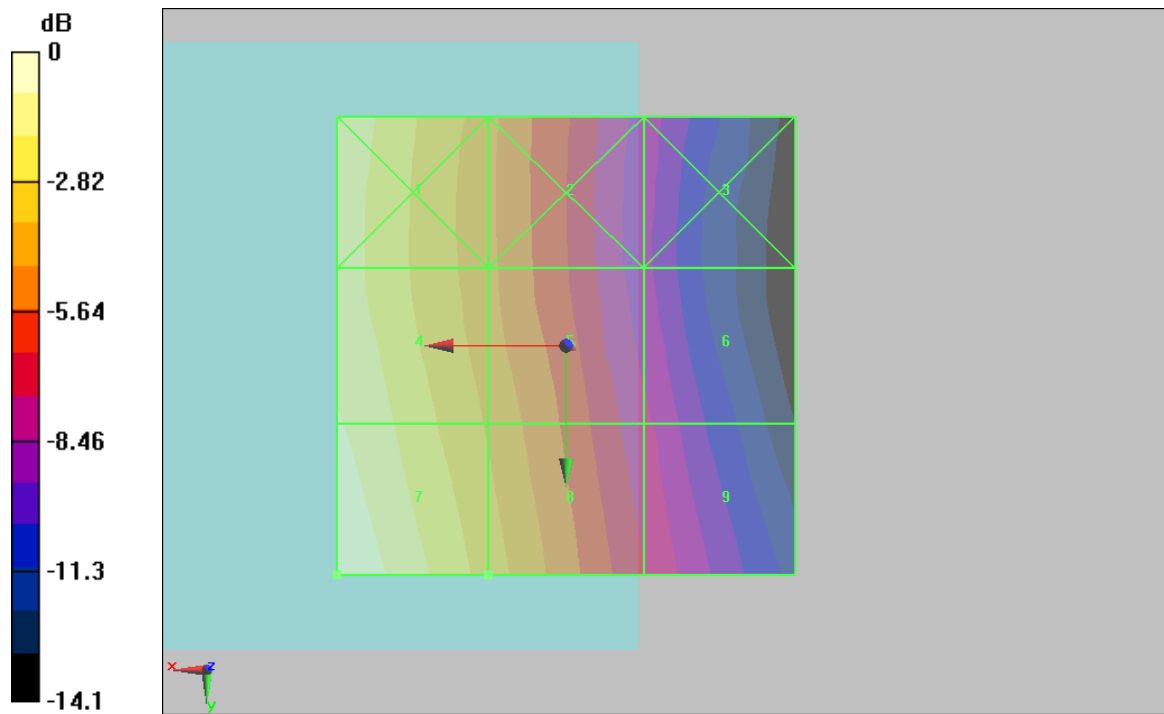
Grid 1	Grid 2	Grid 3
<b>0.299 M4</b>	<b>0.207 M4</b>	<b>0.124 M4</b>
Grid 4	Grid 5	Grid 6
<b>0.309 M4</b>	<b>0.219 M4</b>	<b>0.133 M4</b>
Grid 7	Grid 8	Grid 9
<b>0.341 M4</b>	<b>0.235 M4</b>	<b>0.144 M4</b>

**Cursor:**

Total = 0.341 A/m

H Category: M4

Location: 25, 25, 8.7 mm



0 dB = 0.341A/m

**#14 HAC\_H\_GSM850\_Ch189****DUT: 211214**

Communication System: GSM850; Frequency: 836.4 MHz; Duty Cycle: 1:8.3

Medium: Air Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1$  kg/m<sup>3</sup>

Ambient Temperature : 22.4 °C;

**DASY5 Configuration:**

- Probe: H3DV6 - SN6184; ; Calibrated: 2012/1/26
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch189/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.395 A/m

Probe Modulation Factor = 2.54

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.076 A/m; Power Drift = 0.040 dB

**Hearing Aid Near-Field Category: M4 (AWF -5 dB)**

Peak H-field in A/m

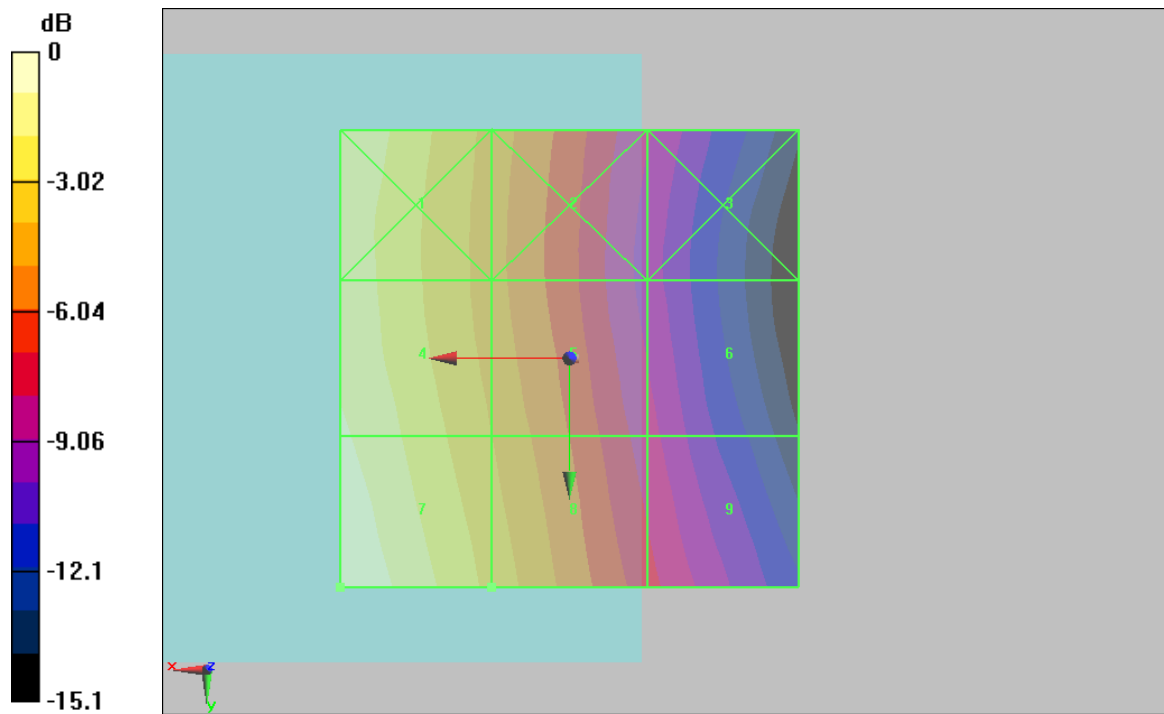
Grid 1 <b>0.351 M4</b>	Grid 2 <b>0.238 M4</b>	Grid 3 <b>0.142 M4</b>
Grid 4 <b>0.359 M4</b>	Grid 5 <b>0.249 M4</b>	Grid 6 <b>0.147 M4</b>
Grid 7 <b>0.395 M4</b>	Grid 8 <b>0.270 M4</b>	Grid 9 <b>0.164 M4</b>

**Cursor:**

Total = 0.395 A/m

H Category: M4

Location: 25, 25, 8.7 mm



0 dB = 0.395A/m

**#15 HAC\_H\_GSM850\_Ch251****DUT: 211214**

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:8.3

Medium: Air Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1$  kg/m<sup>3</sup>

Ambient Temperature : 22.4 °C;

## DASY5 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2012/1/26
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch251/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.369 A/m

Probe Modulation Factor = 2.54

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.072 A/m; Power Drift = 0.151 dB

**Hearing Aid Near-Field Category: M4 (AWF -5 dB)**

Peak H-field in A/m

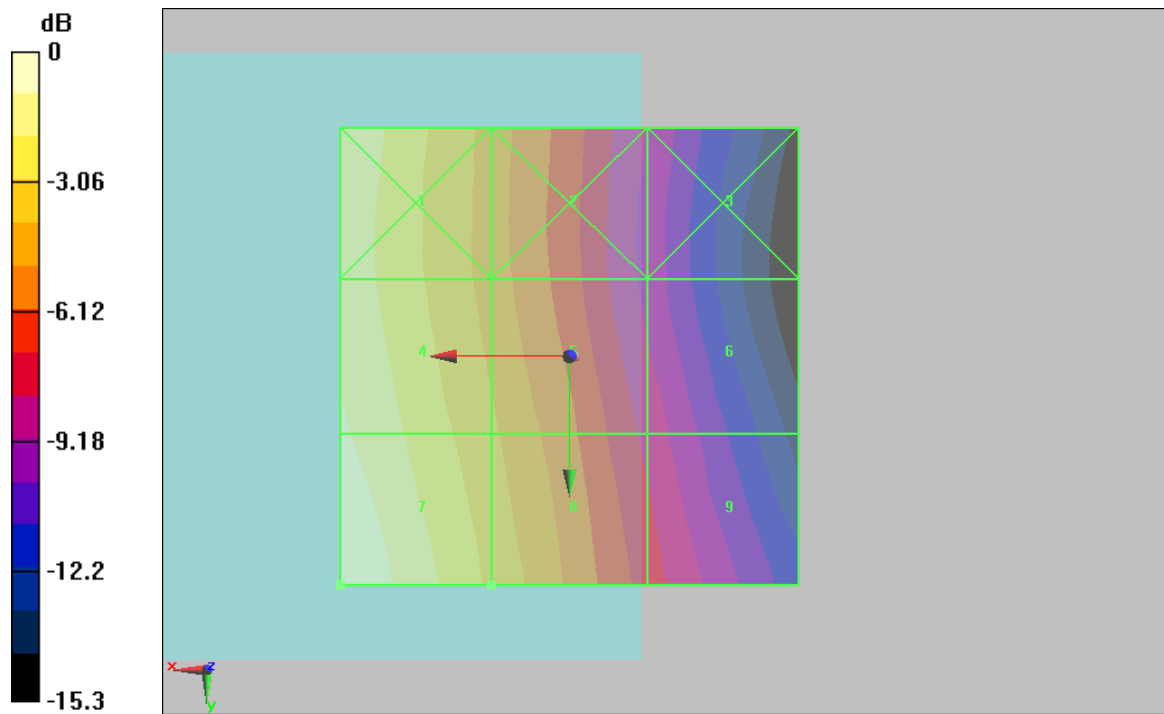
Grid 1	Grid 2	Grid 3
<b>0.324 M4</b>	<b>0.220 M4</b>	<b>0.128 M4</b>
Grid 4	Grid 5	Grid 6
<b>0.334 M4</b>	<b>0.236 M4</b>	<b>0.140 M4</b>
Grid 7	Grid 8	Grid 9
<b>0.369 M4</b>	<b>0.253 M4</b>	<b>0.154 M4</b>

**Cursor:**

Total = 0.369 A/m

H Category: M4

Location: 25, 25, 8.7 mm



0 dB = 0.369A/m

**#16 HAC\_H\_GSM1900\_Ch512****DUT: 211214**

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium: Air Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1$  kg/m<sup>3</sup>

Ambient Temperature : 22.4 °C;

## DASY5 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2012/1/26

- Sensor-Surface: (Fix Surface)

- Electronics: DAE3 Sn495; Calibrated: 2011/4/28

- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;

- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch512/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.174 A/m

Probe Modulation Factor = 2.49

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.078 A/m; Power Drift = -0.012 dB

**Hearing Aid Near-Field Category: M3 (AWF -5 dB)**

Peak H-field in A/m

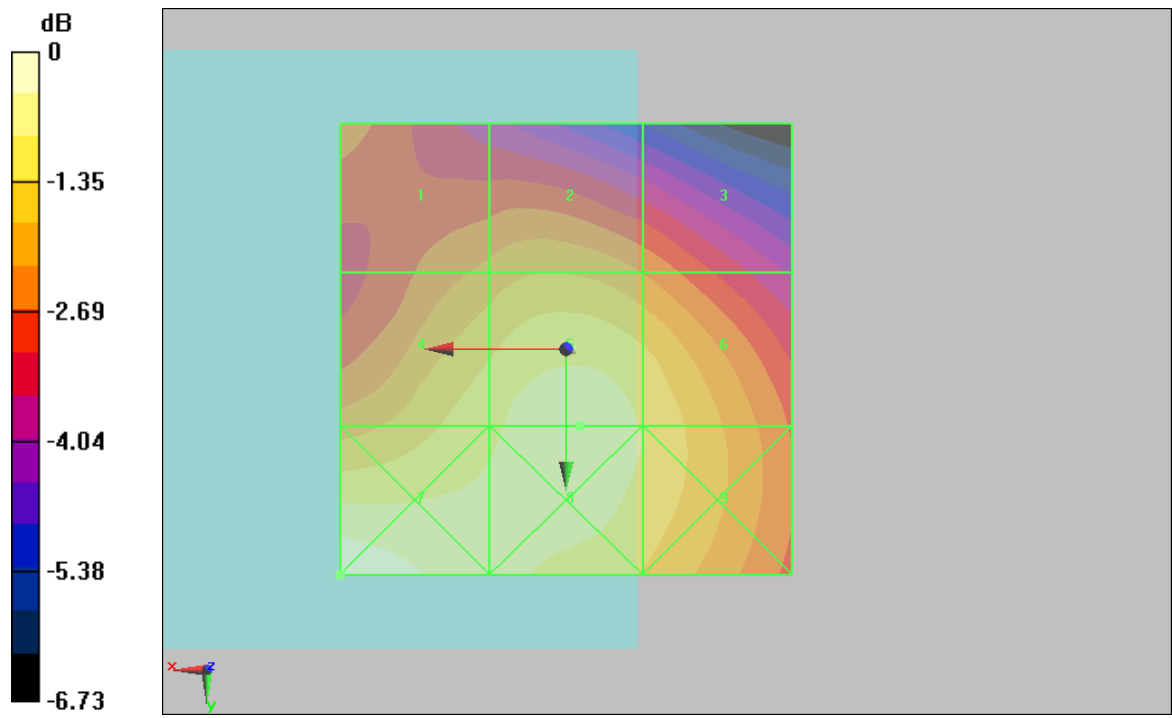
Grid 1 <b>0.148 M3</b>	Grid 2 <b>0.153 M3</b>	Grid 3 <b>0.145 M3</b>
Grid 4 <b>0.167 M3</b>	Grid 5 <b>0.174 M3</b>	Grid 6 <b>0.169 M3</b>
Grid 7 <b>0.188 M3</b>	Grid 8 <b>0.175 M3</b>	Grid 9 <b>0.170 M3</b>

**Cursor:**

Total = 0.188 A/m

H Category: M3

Location: 25, 25, 8.7 mm



0 dB = 0.188A/m

**#17 HAC\_H\_GSM1900\_Ch661****DUT: 211214**

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:8.3  
 Medium: Air Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1$  kg/m<sup>3</sup>  
 Ambient Temperature : 22.4 °C;

## DASY5 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2012/1/26
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch661/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.167 A/m

Probe Modulation Factor = 2.49

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.071 A/m; Power Drift = 0.019 dB

**Hearing Aid Near-Field Category: M3 (AWF -5 dB)**

Peak H-field in A/m

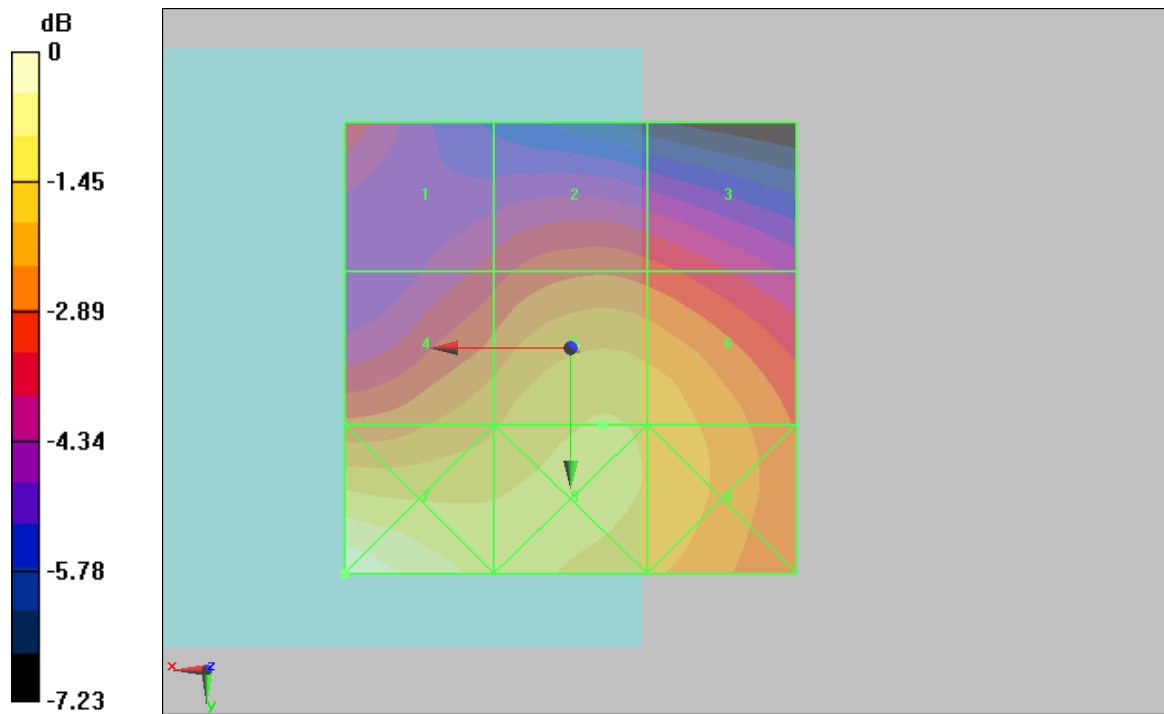
Grid 1 <b>0.133 M4</b>	Grid 2 <b>0.140 M4</b>	Grid 3 <b>0.137 M4</b>
Grid 4 <b>0.156 M3</b>	Grid 5 <b>0.167 M3</b>	Grid 6 <b>0.164 M3</b>
Grid 7 <b>0.196 M3</b>	Grid 8 <b>0.171 M3</b>	Grid 9 <b>0.166 M3</b>

**Cursor:**

Total = 0.196 A/m

H Category: M3

Location: 25, 25, 8.7 mm



0 dB = 0.196A/m

**#18 HAC\_H\_GSM1900\_Ch810****DUT: 211214**

Communication System: PCS; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

Medium: Air Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1$  kg/m<sup>3</sup>

Ambient Temperature : 22.4 °C;

**DASY5 Configuration:**

- Probe: H3DV6 - SN6184; ; Calibrated: 2012/1/26
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch810/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.230 A/m

Probe Modulation Factor = 2.49

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.087 A/m; Power Drift = 0.065 dB

**Hearing Aid Near-Field Category: M3 (AWF -5 dB)**

Peak H-field in A/m

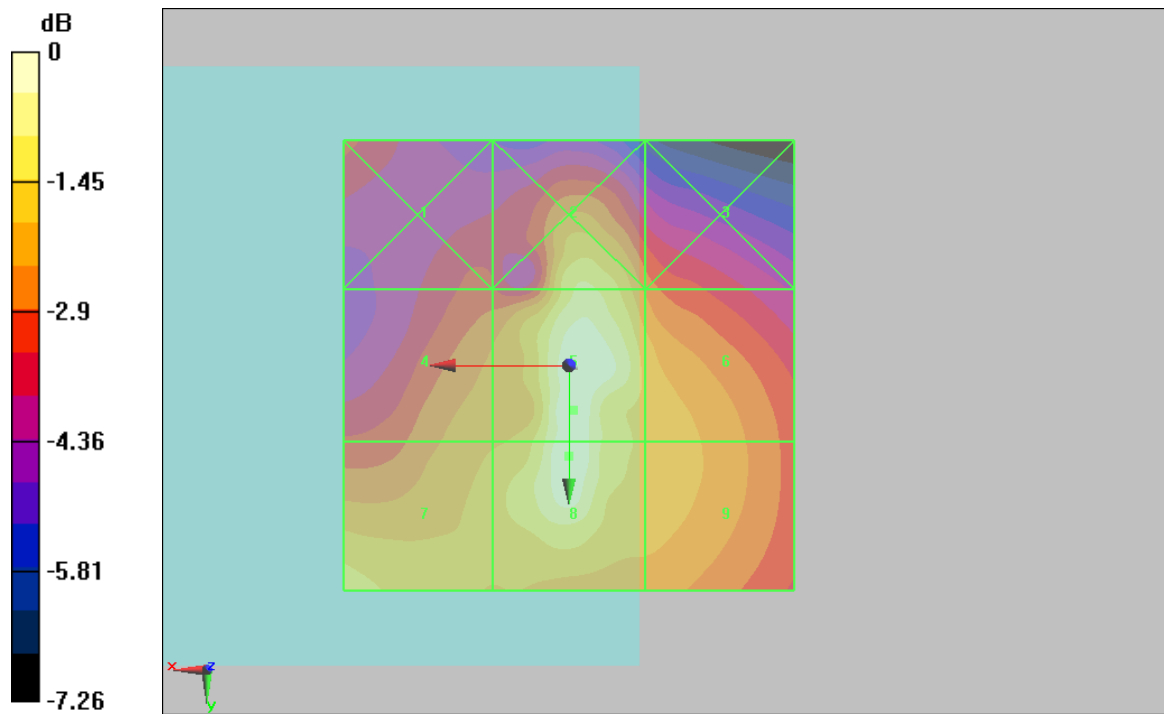
Grid 1 <b>0.160 M3</b>	Grid 2 <b>0.208 M3</b>	Grid 3 <b>0.172 M3</b>
Grid 4 <b>0.183 M3</b>	Grid 5 <b>0.229 M3</b>	Grid 6 <b>0.194 M3</b>
Grid 7 <b>0.203 M3</b>	Grid 8 <b>0.230 M3</b>	Grid 9 <b>0.194 M3</b>

**Cursor:**

Total = 0.230 A/m

H Category: M3

Location: 0, 10, 8.7 mm



0 dB = 0.230A/m

**#19 HAC\_H\_WCDMA V\_RMC12.2K\_Ch4132****DUT: 211214**

Communication System: WCDMA; Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium: Air Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1$  kg/m<sup>3</sup>

Ambient Temperature : 22.4 °C;

DASY5 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2012/1/26

- Sensor-Surface: (Fix Surface)

- Electronics: DAE3 Sn495; Calibrated: 2011/4/28

- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;

- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch4132/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.109 A/m

Probe Modulation Factor = 0.830

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.069 A/m; Power Drift = -0.045 dB

**Hearing Aid Near-Field Category: M4 (AWF 0 dB)**

Peak H-field in A/m

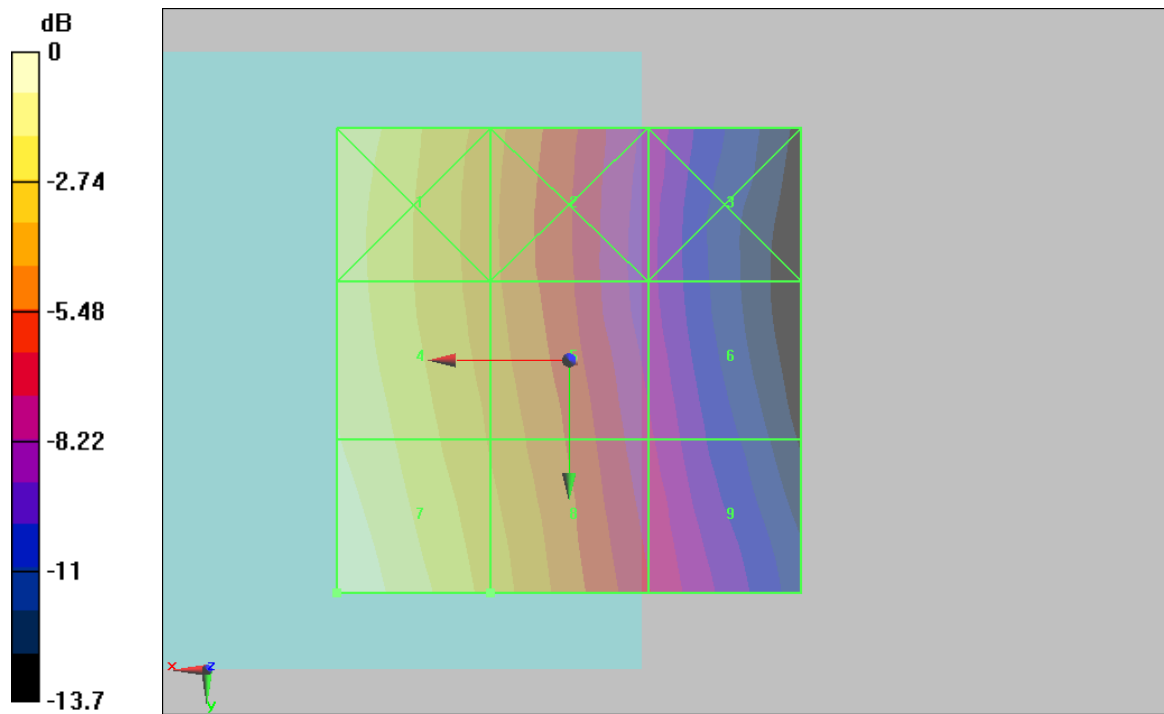
Grid 1	Grid 2	Grid 3
<b>0.097 M4</b>	<b>0.068 M4</b>	<b>0.041 M4</b>
Grid 4	Grid 5	Grid 6
<b>0.099 M4</b>	<b>0.071 M4</b>	<b>0.043 M4</b>
Grid 7	Grid 8	Grid 9
<b>0.109 M4</b>	<b>0.076 M4</b>	<b>0.048 M4</b>

**Cursor:**

Total = 0.109 A/m

H Category: M4

Location: 25, 25, 8.7 mm



0 dB = 0.109A/m

**#20 HAC\_H\_WCDMA V\_RMC12.2K\_Ch4182****DUT: 211214**

Communication System: WCDMA; Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium: Air Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1$  kg/m<sup>3</sup>

Ambient Temperature : 22.4 °C;

DASY5 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2012/1/26

- Sensor-Surface: (Fix Surface)

- Electronics: DAE3 Sn495; Calibrated: 2011/4/28

- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;

- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch4182/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.110 A/m

Probe Modulation Factor = 0.830

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.067 A/m; Power Drift = 0.057 dB

**Hearing Aid Near-Field Category: M4 (AWF 0 dB)**

Peak H-field in A/m

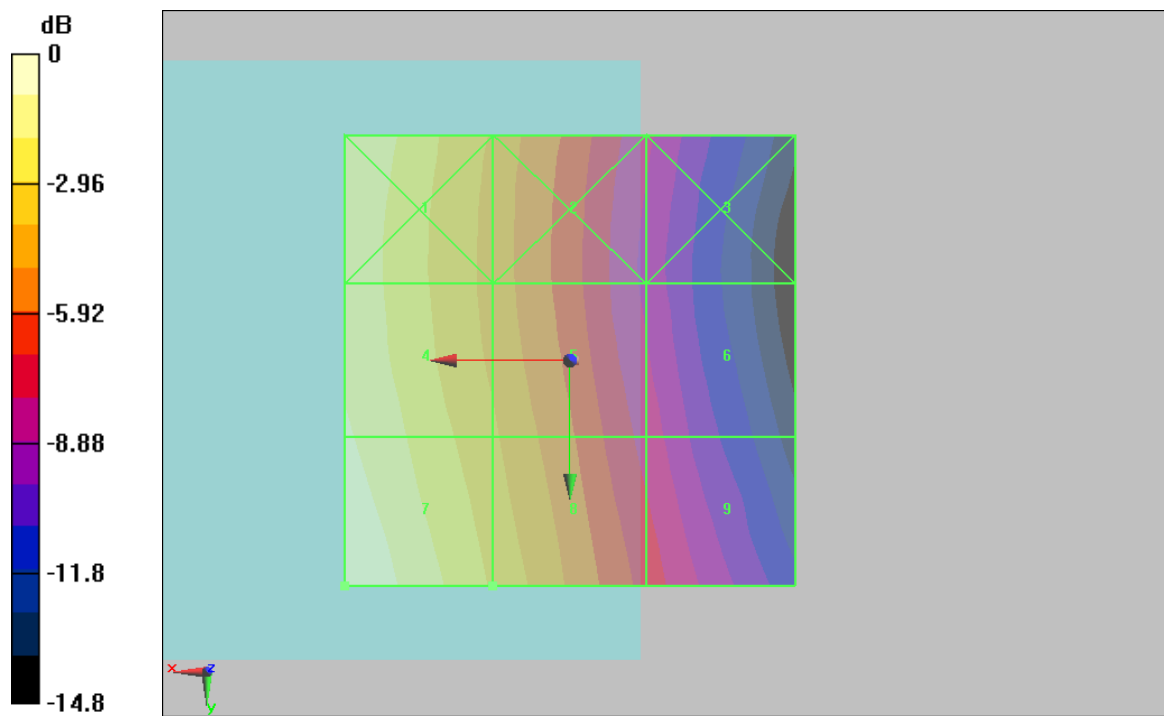
Grid 1	Grid 2	Grid 3
<b>0.099 M4</b>	<b>0.069 M4</b>	<b>0.041 M4</b>
Grid 4	Grid 5	Grid 6
<b>0.100 M4</b>	<b>0.071 M4</b>	<b>0.043 M4</b>
Grid 7	Grid 8	Grid 9
<b>0.110 M4</b>	<b>0.077 M4</b>	<b>0.048 M4</b>

**Cursor:**

Total = 0.110 A/m

H Category: M4

Location: 25, 25, 8.7 mm



0 dB = 0.110A/m

**#21 HAC\_H\_WCDMA V\_RMC12.2K\_Ch4233****DUT: 211214**

Communication System: WCDMA; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: Air Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1$  kg/m<sup>3</sup>

Ambient Temperature : 22.4 °C;

DASY5 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2012/1/26
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch4233/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.113 A/m

Probe Modulation Factor = 0.830

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.070 A/m; Power Drift = -0.023 dB

**Hearing Aid Near-Field Category: M4 (AWF 0 dB)**

Peak H-field in A/m

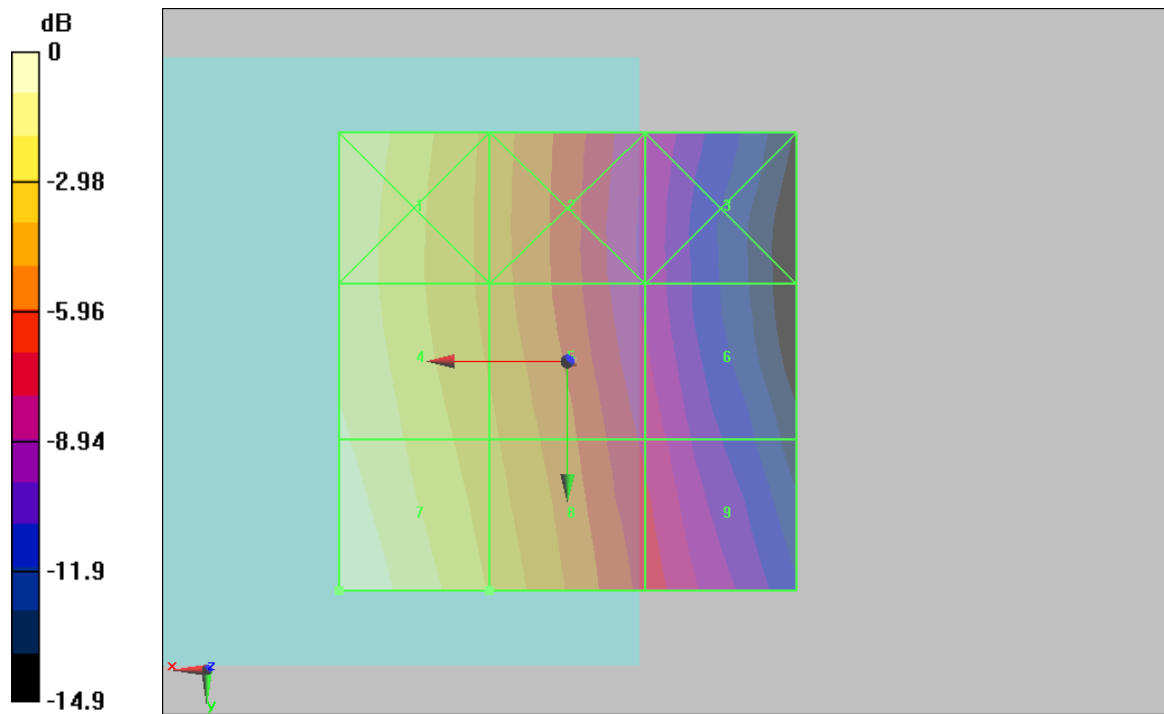
Grid 1 <b>0.101 M4</b>	Grid 2 <b>0.069 M4</b>	Grid 3 <b>0.041 M4</b>
Grid 4 <b>0.103 M4</b>	Grid 5 <b>0.074 M4</b>	Grid 6 <b>0.044 M4</b>
Grid 7 <b>0.113 M4</b>	Grid 8 <b>0.080 M4</b>	Grid 9 <b>0.049 M4</b>

**Cursor:**

Total = 0.113 A/m

H Category: M4

Location: 25, 25, 8.7 mm



0 dB = 0.113A/m

**#22 HAC\_H\_WCDMA II\_RMC12.2K\_Ch9262****DUT: 211214**

Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: Air Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1$  kg/m<sup>3</sup>

Ambient Temperature : 22.4 °C;

DASY5 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2012/1/26
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch9262/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.072 A/m

Probe Modulation Factor = 0.830

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.095 A/m; Power Drift = 0.035 dB

**Hearing Aid Near-Field Category: M4 (AWF 0 dB)**

Peak H-field in A/m

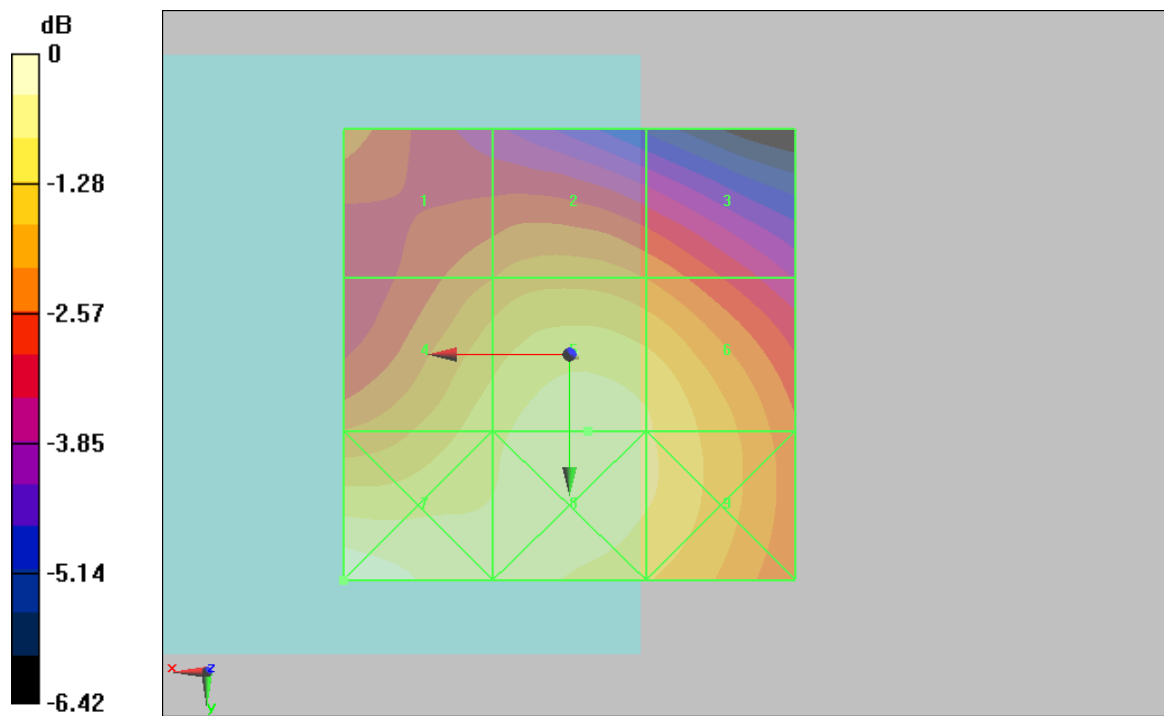
Grid 1 <b>0.061 M4</b>	Grid 2 <b>0.063 M4</b>	Grid 3 <b>0.061 M4</b>
Grid 4 <b>0.070 M4</b>	Grid 5 <b>0.072 M4</b>	Grid 6 <b>0.071 M4</b>
Grid 7 <b>0.078 M4</b>	Grid 8 <b>0.073 M4</b>	Grid 9 <b>0.071 M4</b>

**Cursor:**

Total = 0.078 A/m

H Category: M4

Location: 25, 25, 8.7 mm



0 dB = 0.078A/m

**#23 HAC\_H\_WCDMA II\_RMC12.2K\_Ch9400****DUT: 211214**

Communication System: WCDMA; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: Air Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1$  kg/m<sup>3</sup>

Ambient Temperature : 22.4 °C;

DASY5 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2012/1/26

- Sensor-Surface: (Fix Surface)

- Electronics: DAE3 Sn495; Calibrated: 2011/4/28

- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;

- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch9400/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.066 A/m

Probe Modulation Factor = 0.830

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.083 A/m; Power Drift = 0.013 dB

**Hearing Aid Near-Field Category: M4 (AWF 0 dB)**

Peak H-field in A/m

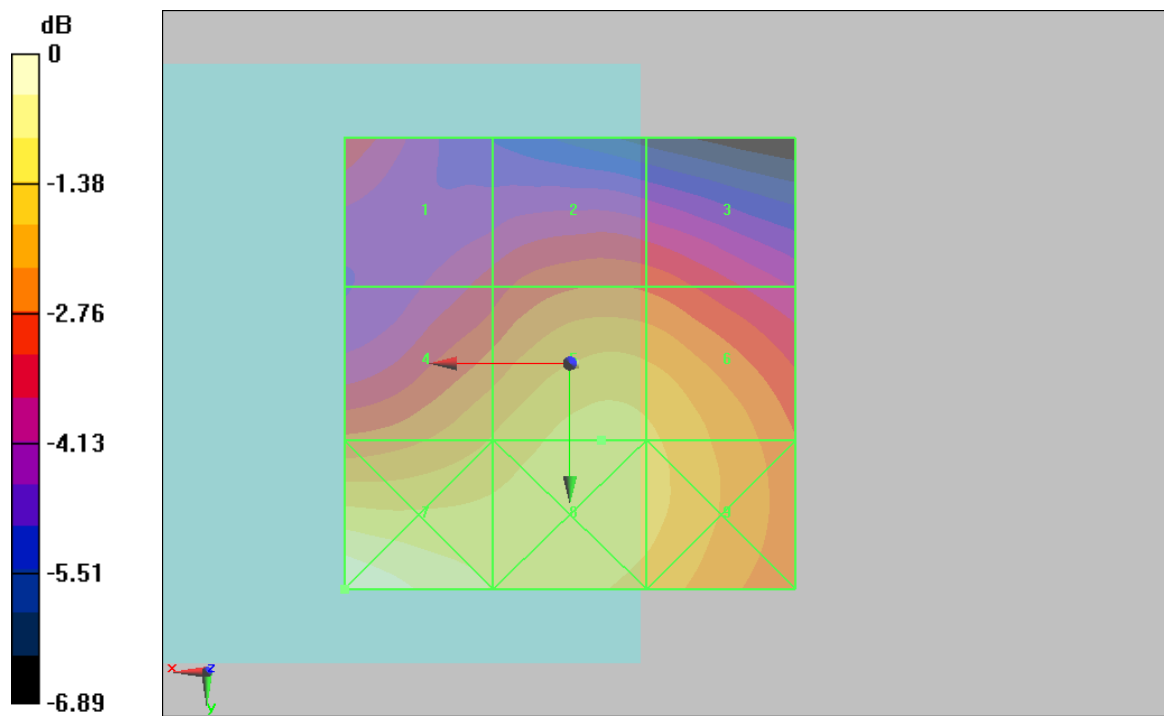
Grid 1 <b>0.052 M4</b>	Grid 2 <b>0.055 M4</b>	Grid 3 <b>0.054 M4</b>
Grid 4 <b>0.061 M4</b>	Grid 5 <b>0.066 M4</b>	Grid 6 <b>0.065 M4</b>
Grid 7 <b>0.075 M4</b>	Grid 8 <b>0.067 M4</b>	Grid 9 <b>0.065 M4</b>

**Cursor:**

Total = 0.075 A/m

H Category: M4

Location: 25, 25, 8.7 mm



0 dB = 0.075A/m

**#24 HAC\_H\_WCDMA II\_RMC12.2K\_Ch9538****DUT: 211214**

Communication System: WCDMA; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium: Air Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1$  kg/m<sup>3</sup>

Ambient Temperature : 22.4 °C;

DASY5 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2012/1/26
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch9538/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.075 A/m

Probe Modulation Factor = 0.830

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.097 A/m; Power Drift = 0.017 dB

**Hearing Aid Near-Field Category: M4 (AWF 0 dB)**

Peak H-field in A/m

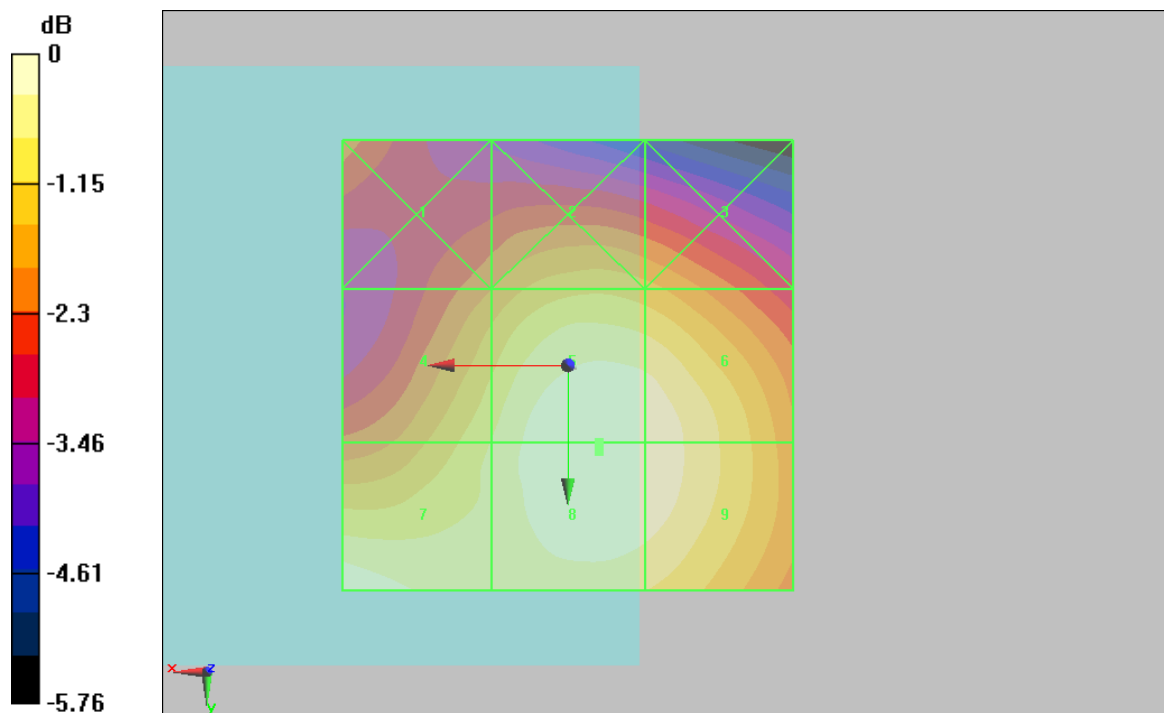
Grid 1 <b>0.060 M4</b>	Grid 2 <b>0.065 M4</b>	Grid 3 <b>0.064 M4</b>
Grid 4 <b>0.069 M4</b>	Grid 5 <b>0.075 M4</b>	Grid 6 <b>0.074 M4</b>
Grid 7 <b>0.075 M4</b>	Grid 8 <b>0.075 M4</b>	Grid 9 <b>0.075 M4</b>

**Cursor:**

Total = 0.075 A/m

H Category: M4

Location: -3.5, 9.5, 8.7 mm



0 dB = 0.075A/m