

**#04 HAC\_E\_GSM850\_Ch128**

**DUT: 031938-01**

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 : 22.5 °C

DASY4 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2010/1/22
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**CH128/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 196.0 V/m

Probe Modulation Factor = 2.64

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 97.2 V/m; Power Drift = 0.002 dB

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

Peak E-field in V/m

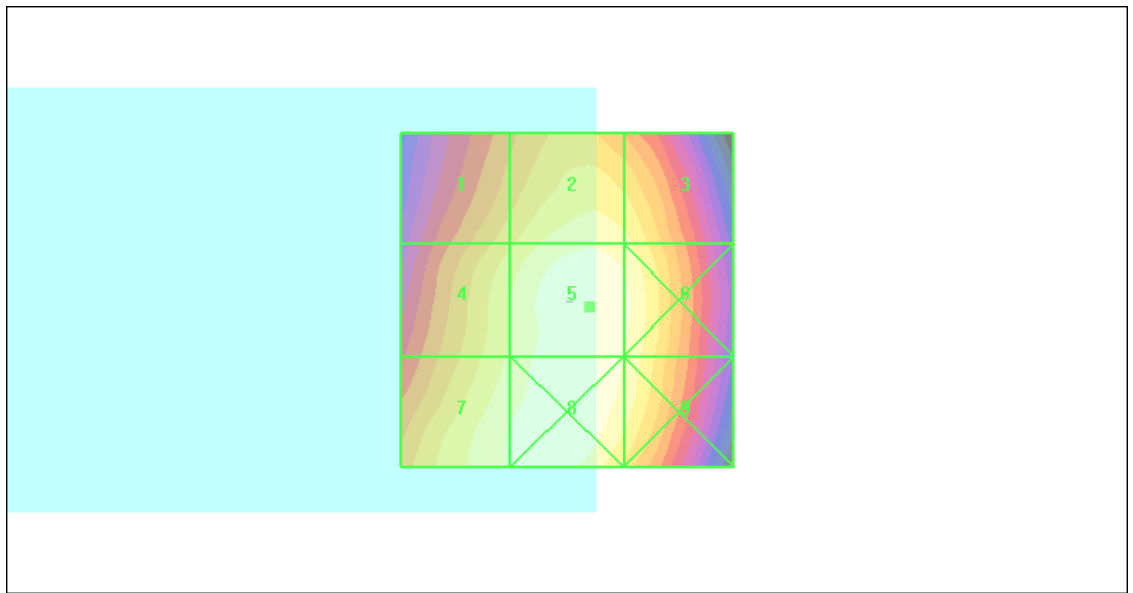
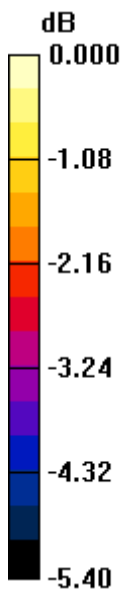
Grid 1 <b>171.8 M3</b>	Grid 2 <b>186.9 M3</b>	Grid 3 <b>182.9 M3</b>
Grid 4 <b>181.8 M3</b>	Grid 5 <b>196.0 M3</b>	Grid 6 <b>190.8 M3</b>
Grid 7 <b>189.1 M3</b>	Grid 8 <b>194.8 M3</b>	Grid 9 <b>188.1 M3</b>

**Cursor:**

Total = 196.0 V/m

E Category: M3

Location: -3.5, 1, 8.7 mm



0 dB = 196.0V/m

**#05 HAC\_E\_GSM850\_Ch189**

**DUT: 031938-01**

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 : 22.5 °C

DASY4 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2010/1/22
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**CH189/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 190.6 V/m

Probe Modulation Factor = 2.64

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 94.4 V/m; Power Drift = -0.001 dB

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

Peak E-field in V/m

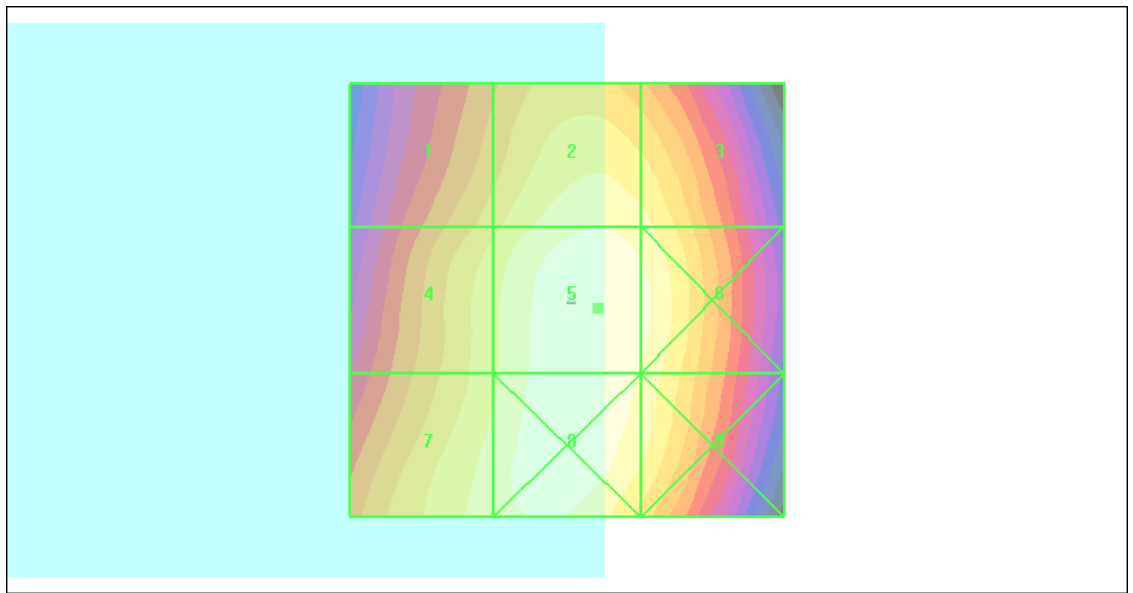
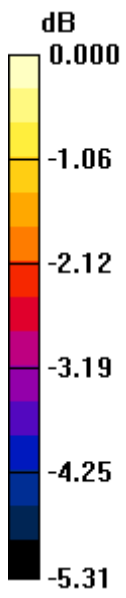
Grid 1 <b>166.8 M3</b>	Grid 2 <b>182.8 M3</b>	Grid 3 <b>178.7 M3</b>
Grid 4 <b>174.5 M3</b>	Grid 5 <b>190.6 M3</b>	Grid 6 <b>185.9 M3</b>
Grid 7 <b>179.7 M3</b>	Grid 8 <b>188.6 M3</b>	Grid 9 <b>182.1 M3</b>

**Cursor:**

Total = 190.6 V/m

E Category: M3

Location: -3.5, 1, 8.7 mm



0 dB = 190.6V/m

**#06 HAC\_E\_GSM850\_Ch251**

**DUT: 031938-01**

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 : 22.5 °C

DASY4 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2010/1/22
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**CH251/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 174.9 V/m

Probe Modulation Factor = 2.64

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 85.4 V/m; Power Drift = 0.021 dB

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

Peak E-field in V/m

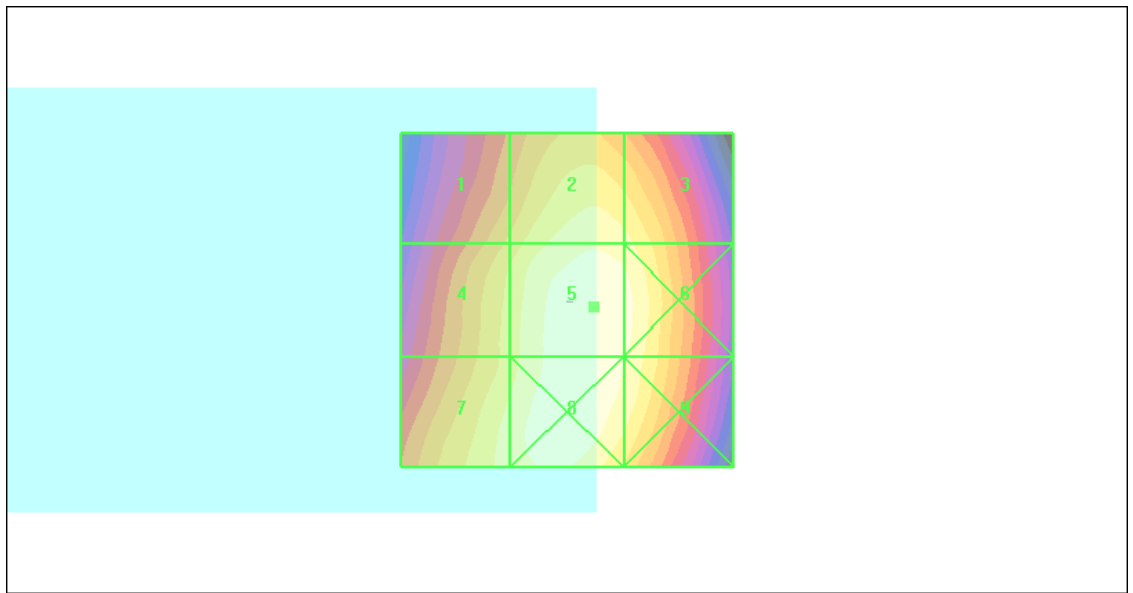
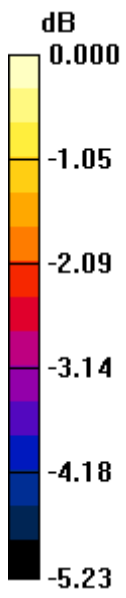
Grid 1 <b>151.1 M3</b>	Grid 2 <b>167.2 M3</b>	Grid 3 <b>164.1 M3</b>
Grid 4 <b>158.5 M3</b>	Grid 5 <b>174.9 M3</b>	Grid 6 <b>171.1 M3</b>
Grid 7 <b>164.7 M3</b>	Grid 8 <b>173.3 M3</b>	Grid 9 <b>168.9 M3</b>

**Cursor:**

Total = 174.9 V/m

E Category: M3

Location: -4, 1, 8.7 mm



0 dB = 174.9V/m

**#01 HAC\_E\_GSM1900\_Ch512**

**DUT: 031938-01**

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

DASY4 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2010/1/22
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**CH512/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 52.1 V/m  
 Probe Modulation Factor = 2.70  
 Device Reference Point: 0.000, 0.000, -6.30 mm  
 Reference Value = 15.4 V/m; Power Drift = 0.042 dB

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

Peak E-field in V/m

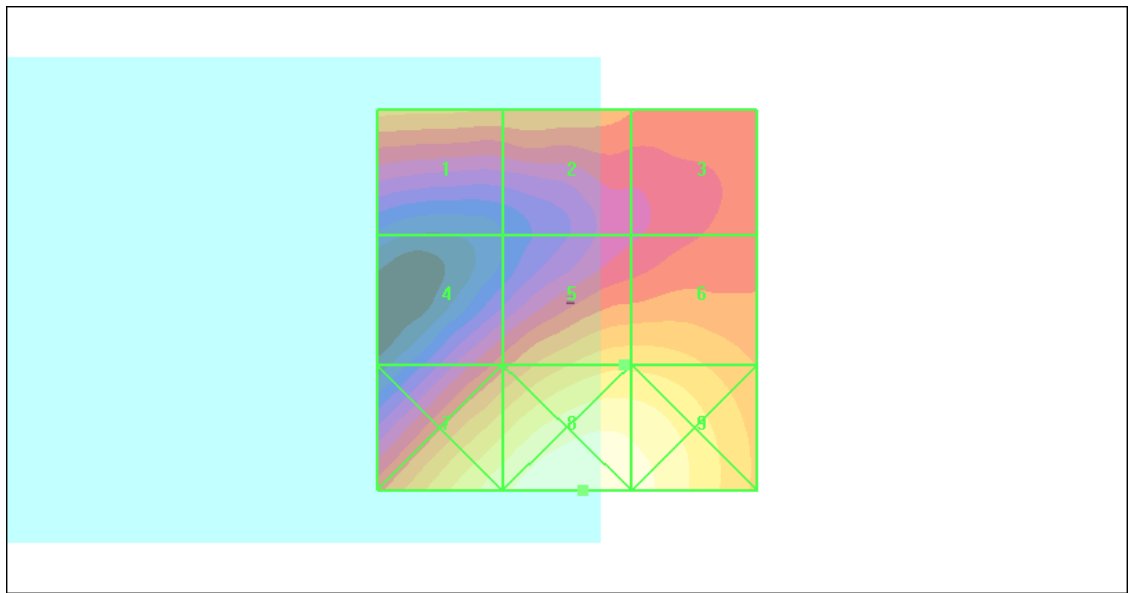
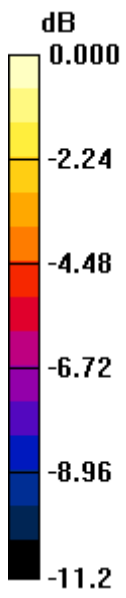
Grid 1 <b>46.3 M4</b>	Grid 2 <b>44.9 M4</b>	Grid 3 <b>41.4 M4</b>
Grid 4 <b>39.7 M4</b>	Grid 5 <b>52.1 M3</b>	Grid 6 <b>52.0 M3</b>
Grid 7 <b>61.7 M3</b>	Grid 8 <b>68.7 M3</b>	Grid 9 <b>65.9 M3</b>

**Cursor:**

Total = 68.7 V/m

E Category: M3

Location: -2, 25, 8.7 mm



0 dB = 68.7V/m



**#02 HAC\_E\_GSM1900\_Ch661**

**DUT: 031938-01**

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 : 22.5 °C

DASY4 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2010/1/22

- Sensor-Surface: (Fix Surface)

- Electronics: DAE3 Sn577; Calibrated: 2009/8/24

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

- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**CH661/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 55.0 V/m

Probe Modulation Factor = 2.70

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 16.4 V/m; Power Drift = -0.008 dB

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

Peak E-field in V/m

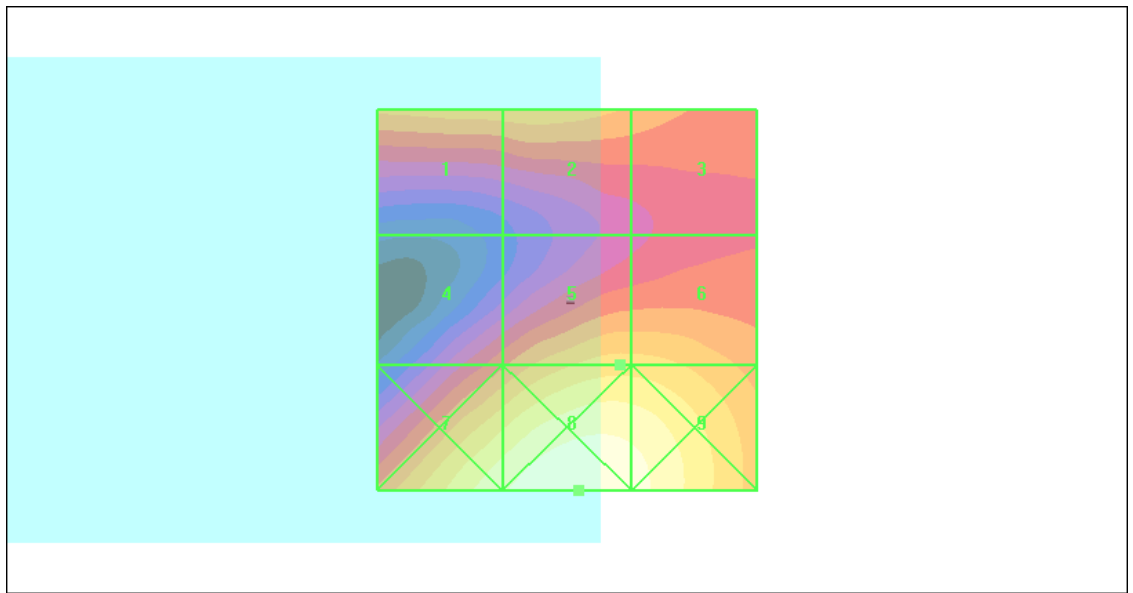
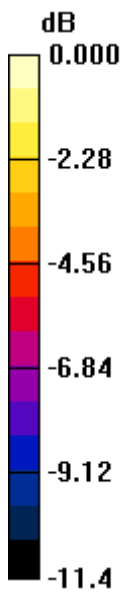
Grid 1 <b>50.9 M3</b>	Grid 2 <b>51.2 M3</b>	Grid 3 <b>47.3 M3</b>
Grid 4 <b>43.3 M4</b>	Grid 5 <b>55.0 M3</b>	Grid 6 <b>54.9 M3</b>
Grid 7 <b>67.4 M3</b>	Grid 8 <b>74.4 M3</b>	Grid 9 <b>70.7 M3</b>

**Cursor:**

Total = 74.4 V/m

E Category: M3

Location: -1.5, 25, 8.7 mm



0 dB = 74.4V/m

**#03 HAC\_E\_GSM1900\_Ch810**

**DUT: 031938-01**

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

DASY4 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2010/1/22
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**CH810/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 59.7 V/m  
 Probe Modulation Factor = 2.70  
 Device Reference Point: 0.000, 0.000, -6.30 mm  
 Reference Value = 18.9 V/m; Power Drift = 0.007 dB

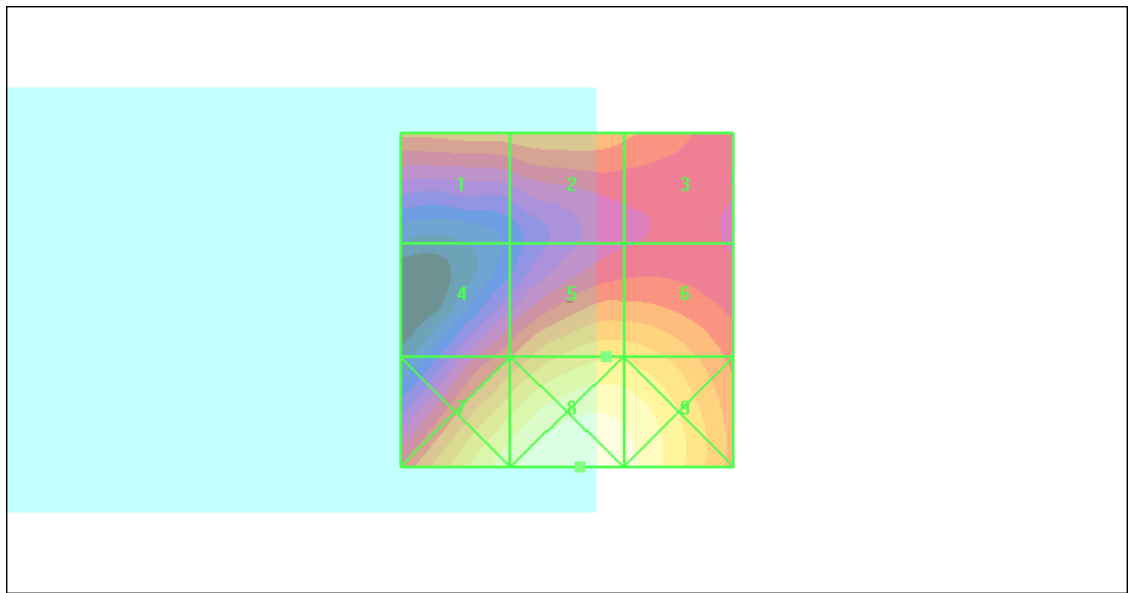
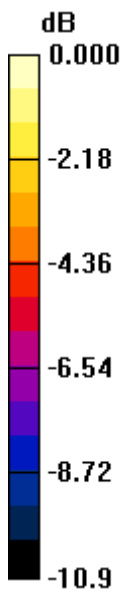
**Hearing Aid Near-Field Category: M3 (AWF -5 dB)**

Peak E-field in V/m

Grid 1 <b>49.8 M3</b>	Grid 2 <b>50.9 M3</b>	Grid 3 <b>48.3 M3</b>
Grid 4 <b>46.9 M4</b>	Grid 5 <b>59.7 M3</b>	Grid 6 <b>59.2 M3</b>
Grid 7 <b>70.1 M3</b>	Grid 8 <b>77.7 M3</b>	Grid 9 <b>73.7 M3</b>

**Cursor:**

Total = 77.7 V/m  
 E Category: M3  
 Location: -2, 25, 8.7 mm



0 dB = 77.7V/m

**#10 HAC\_E\_WCDMA V\_RMC12.2k\_Ch4132**

**DUT: 031938-01**

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

DASY4 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2010/1/22
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**CH4132/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 58.2 V/m

Probe Modulation Factor = 0.981

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 76.3 V/m; Power Drift = 0.049 dB

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

Peak E-field in V/m

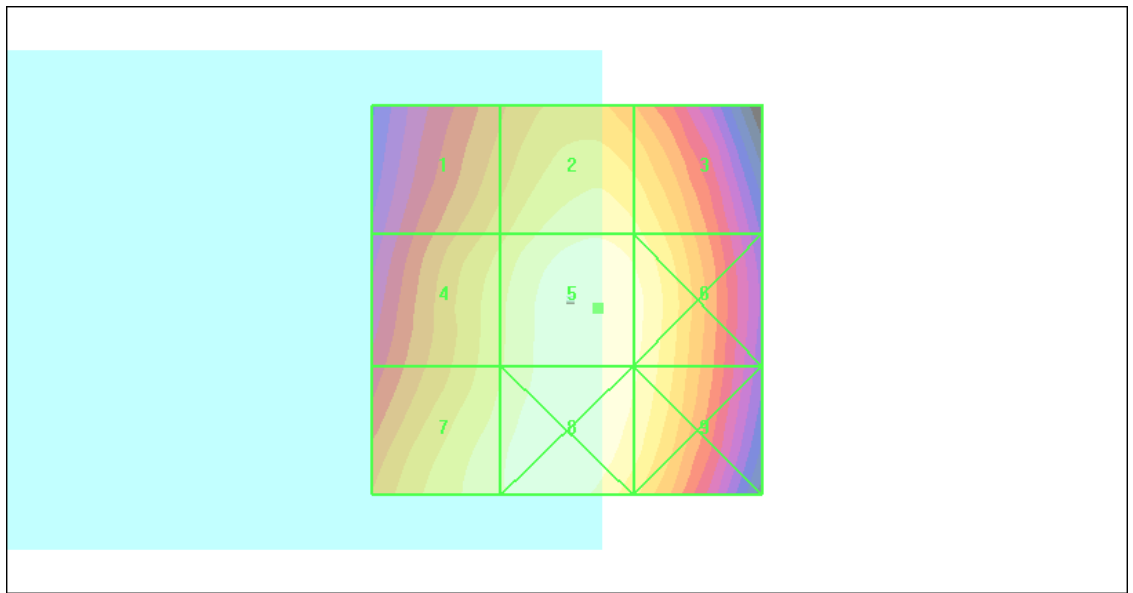
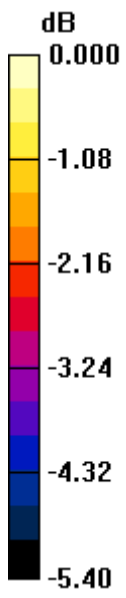
Grid 1 <b>50.8 M4</b>	Grid 2 <b>55.6 M4</b>	Grid 3 <b>54.3 M4</b>
Grid 4 <b>53.4 M4</b>	Grid 5 <b>58.2 M4</b>	Grid 6 <b>56.8 M4</b>
Grid 7 <b>55.7 M4</b>	Grid 8 <b>57.8 M4</b>	Grid 9 <b>56.3 M4</b>

**Cursor:**

Total = 58.2 V/m

E Category: M4

Location: -4, 1, 8.7 mm



0 dB = 58.2V/m

**#11 HAC\_E\_WCDMA V\_RMC12.2k\_Ch4182**

**DUT: 031938-01**

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

**DASY4 Configuration:**

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2010/1/22
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**CH4182/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 59.9 V/m

Probe Modulation Factor = 0.981

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 79.1 V/m; Power Drift = -0.003 dB

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

Peak E-field in V/m

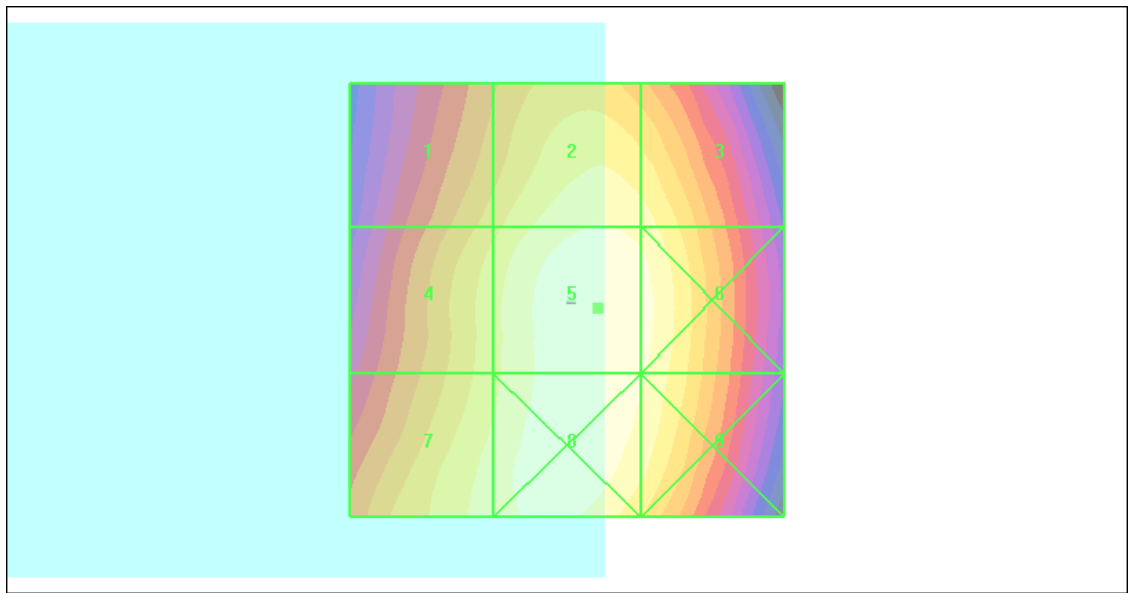
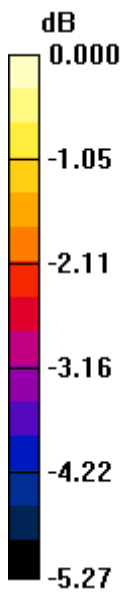
Grid 1 <b>52.3 M4</b>	Grid 2 <b>57.7 M4</b>	Grid 3 <b>56.5 M4</b>
Grid 4 <b>54.7 M4</b>	Grid 5 <b>59.9 M4</b>	Grid 6 <b>58.6 M4</b>
Grid 7 <b>56.5 M4</b>	Grid 8 <b>59.4 M4</b>	Grid 9 <b>57.9 M4</b>

**Cursor:**

Total = 59.9 V/m

E Category: M4

Location: -3.5, 1, 8.7 mm



0 dB = 59.9V/m



### #12 HAC\_E\_WCDMA V\_RMC12.2k\_Ch4233

#### DUT: 031938-01

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 : 22.5 °C

#### DASY4 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2010/1/22
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

#### CH4233/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 62.2 V/m

Probe Modulation Factor = 0.981

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 81.6 V/m; Power Drift = -0.056 dB

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

Peak E-field in V/m

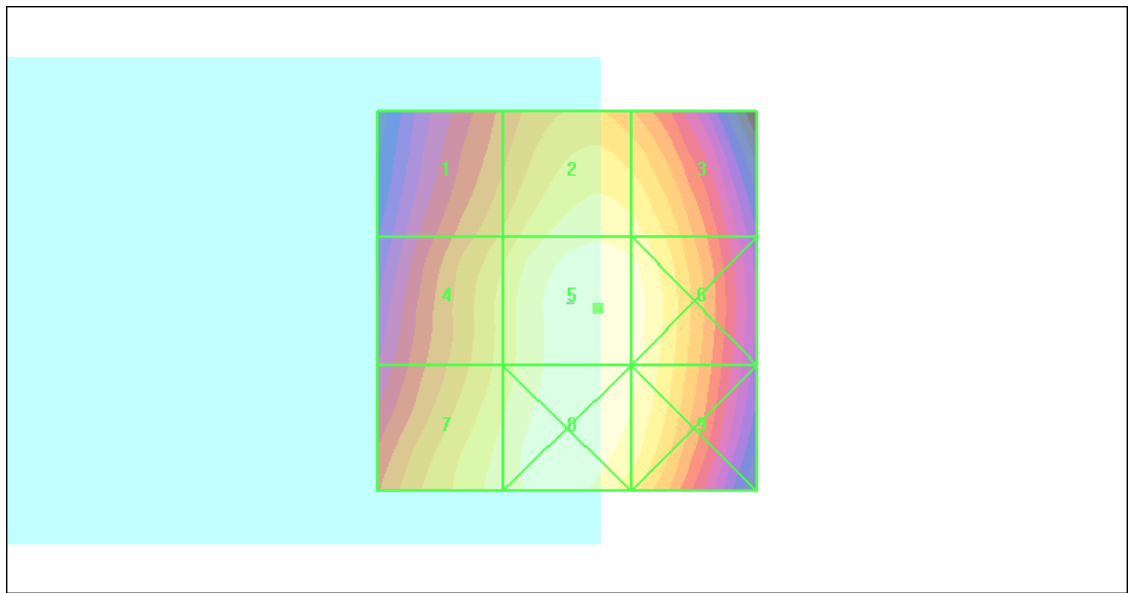
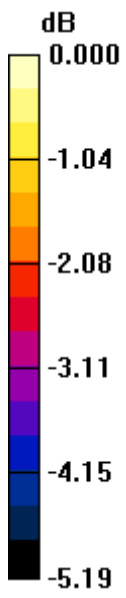
Grid 1 <b>53.5 M4</b>	Grid 2 <b>59.5 M4</b>	Grid 3 <b>58.6 M4</b>
Grid 4 <b>56.2 M4</b>	Grid 5 <b>62.2 M4</b>	Grid 6 <b>61.1 M4</b>
Grid 7 <b>58.6 M4</b>	Grid 8 <b>61.7 M4</b>	Grid 9 <b>60.5 M4</b>

#### Cursor:

Total = 62.2 V/m

E Category: M4

Location: -4, 1, 8.7 mm



0 dB = 62.2V/m

**#07 HAC\_E\_WCDMA II\_RMC12.2k\_Ch9262**

**DUT: 031938-01**

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

DASY4 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2010/1/22
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**CH9262/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 27.7 V/m

Probe Modulation Factor = 0.977

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 22.0 V/m; Power Drift = -0.234 dB

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

Peak E-field in V/m

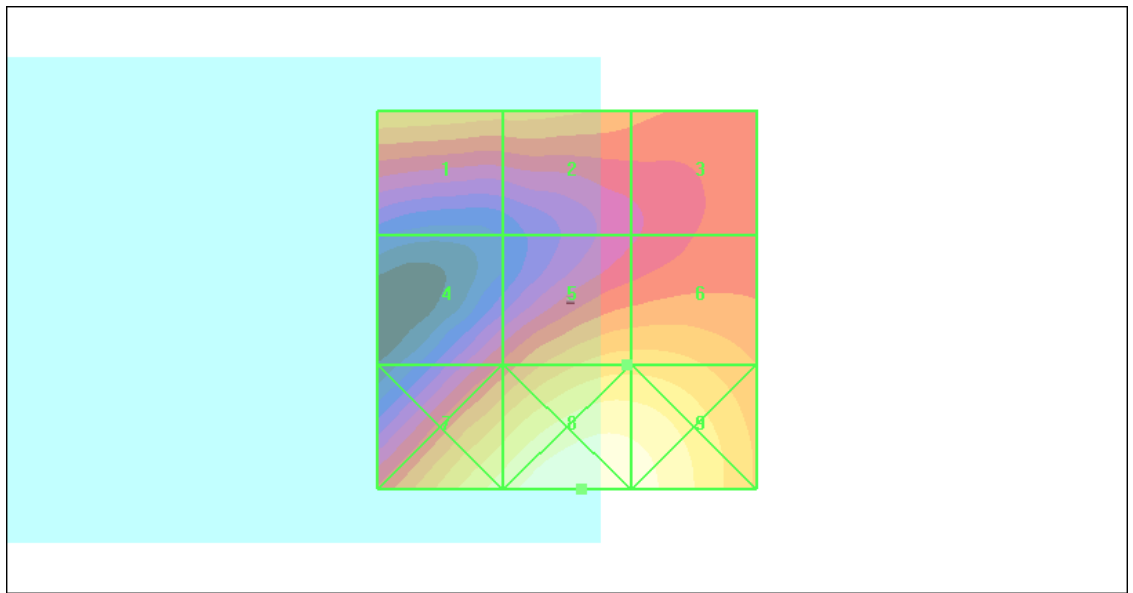
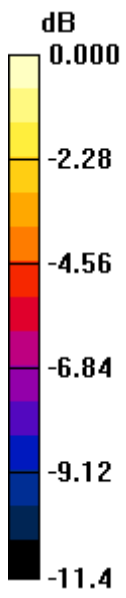
Grid 1 <b>26.3 M4</b>	Grid 2 <b>25.2 M4</b>	Grid 3 <b>22.9 M4</b>
Grid 4 <b>20.6 M4</b>	Grid 5 <b>27.7 M4</b>	Grid 6 <b>27.7 M4</b>
Grid 7 <b>32.8 M4</b>	Grid 8 <b>37.2 M4</b>	Grid 9 <b>35.8 M4</b>

**Cursor:**

Total = 37.2 V/m

E Category: M4

Location: -2, 25, 8.7 mm



0 dB = 37.2V/m

**#08 HAC\_E\_WCDMA II\_RMC12.2k\_Ch9400**

**DUT: 031938-01**

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

DASY4 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2010/1/22
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**CH9400/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 30.9 V/m

Probe Modulation Factor = 0.977

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 24.2 V/m; Power Drift = 0.037 dB

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

Peak E-field in V/m

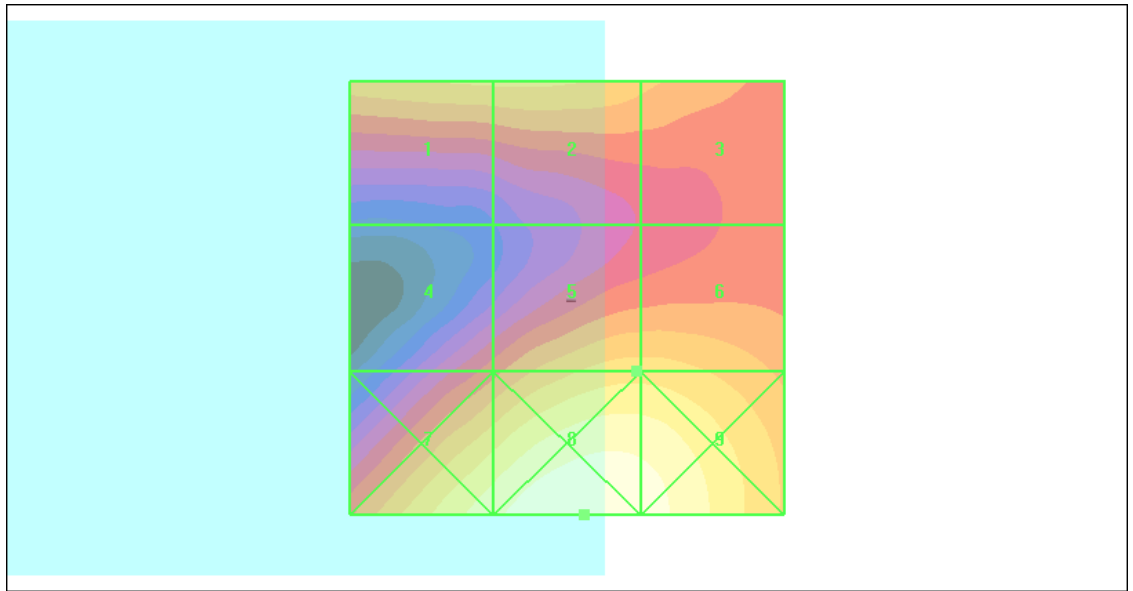
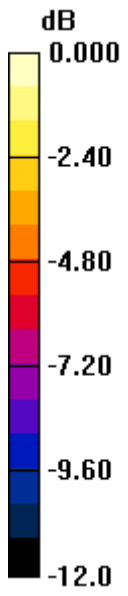
Grid 1 <b>29.9 M4</b>	Grid 2 <b>30.0 M4</b>	Grid 3 <b>27.6 M4</b>
Grid 4 <b>23.6 M4</b>	Grid 5 <b>30.9 M4</b>	Grid 6 <b>30.9 M4</b>
Grid 7 <b>37.7 M4</b>	Grid 8 <b>42.3 M4</b>	Grid 9 <b>40.6 M4</b>

**Cursor:**

Total = 42.3 V/m

E Category: M4

Location: -2, 25, 8.7 mm



0 dB = 42.3V/m

**#09 HAC\_E\_WCDMA II\_RMC12.2k\_Ch9538**

**DUT: 031938-01**

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

DASY4 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2010/1/22
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**CH9538/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 30.3 V/m

Probe Modulation Factor = 0.977

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 25.5 V/m; Power Drift = -0.045 dB

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

Peak E-field in V/m

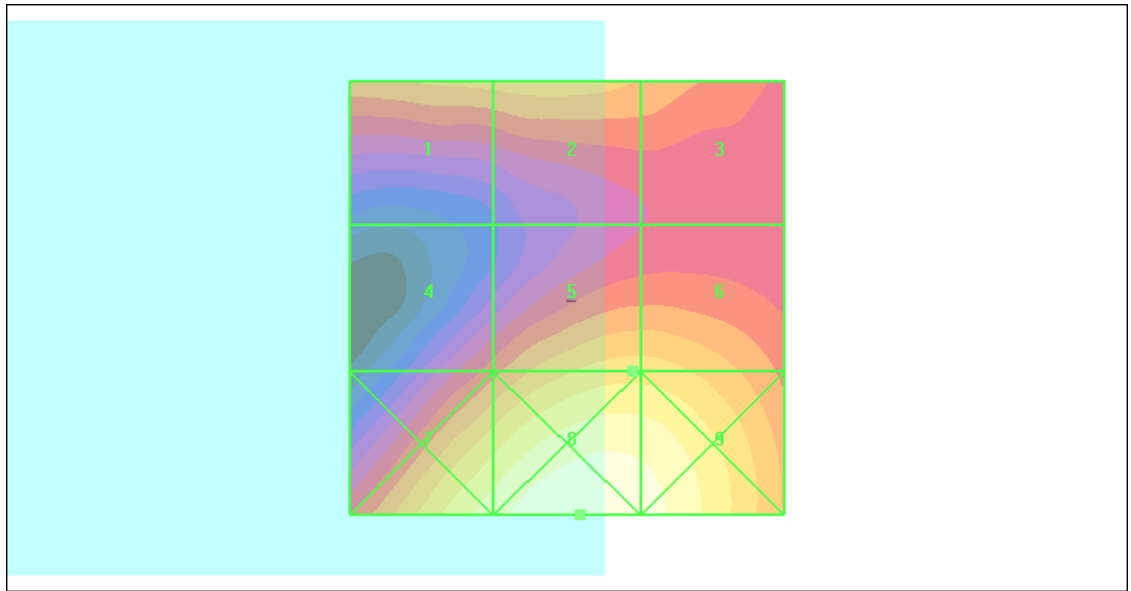
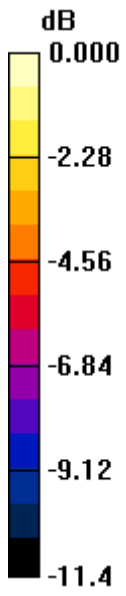
Grid 1 <b>27.4 M4</b>	Grid 2 <b>27.8 M4</b>	Grid 3 <b>26.2 M4</b>
Grid 4 <b>23.5 M4</b>	Grid 5 <b>30.3 M4</b>	Grid 6 <b>30.3 M4</b>
Grid 7 <b>36.2 M4</b>	Grid 8 <b>40.8 M4</b>	Grid 9 <b>39.1 M4</b>

**Cursor:**

Total = 40.8 V/m

E Category: M4

Location: -1.5, 25, 8.7 mm



0 dB = 40.8V/m



**#16 HAC\_H\_GSM850\_Ch128**

**DUT: 031938-01**

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

DASY4 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2010/1/22
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**CH128/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.198 A/m

Probe Modulation Factor = 1.42

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.073 A/m; Power Drift = -0.096 dB

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

Peak H-field in A/m

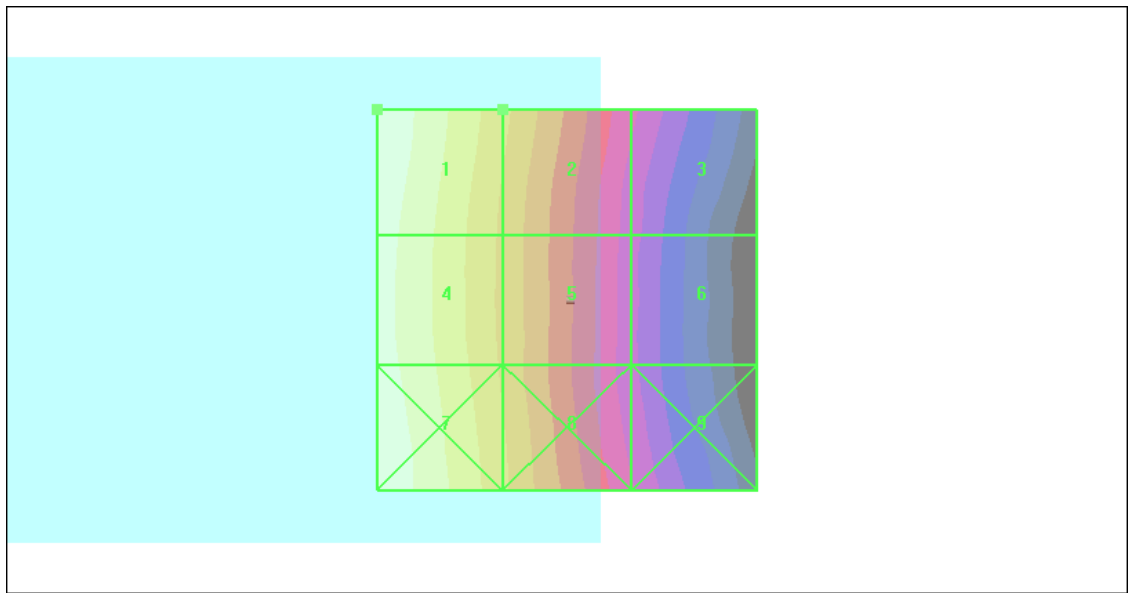
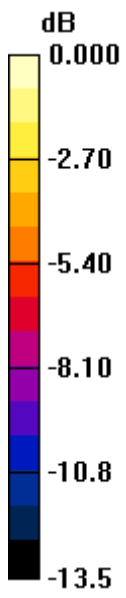
Grid 1 <b>0.198 M4</b>	Grid 2 <b>0.135 M4</b>	Grid 3 <b>0.080 M4</b>
Grid 4 <b>0.188 M4</b>	Grid 5 <b>0.129 M4</b>	Grid 6 <b>0.074 M4</b>
Grid 7 <b>0.197 M4</b>	Grid 8 <b>0.135 M4</b>	Grid 9 <b>0.079 M4</b>

**Cursor:**

Total = 0.198 A/m

H Category: M4

Location: 25, -25, 8.7 mm



0 dB = 0.198A/m

**#17 HAC\_H\_GSM850\_Ch189**

**DUT: 031938-01**

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 : 22.5 °C

DASY4 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2010/1/22
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**CH189/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.193 A/m

Probe Modulation Factor = 1.42

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.071 A/m; Power Drift = 0.040 dB

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

Peak H-field in A/m

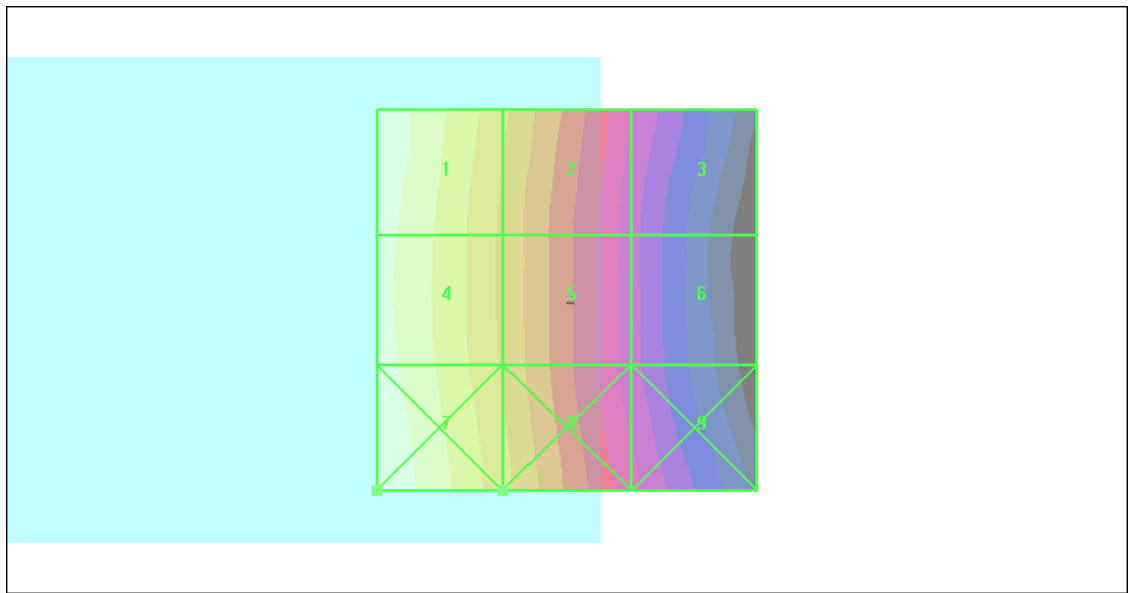
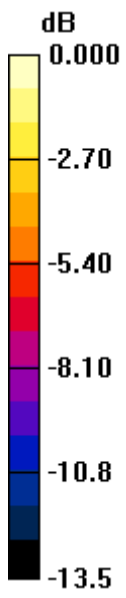
Grid 1 <b>0.193 M4</b>	Grid 2 <b>0.132 M4</b>	Grid 3 <b>0.077 M4</b>
Grid 4 <b>0.186 M4</b>	Grid 5 <b>0.127 M4</b>	Grid 6 <b>0.073 M4</b>
Grid 7 <b>0.195 M4</b>	Grid 8 <b>0.134 M4</b>	Grid 9 <b>0.080 M4</b>

**Cursor:**

Total = 0.195 A/m

H Category: M4

Location: 25, 25, 8.7 mm



0 dB = 0.195A/m

**#18 HAC\_H\_GSM850\_Ch251**

**DUT: 031938-01**

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 : 22.5 °C

DASY4 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2010/1/22
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**CH251/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.173 A/m

Probe Modulation Factor = 1.42

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.065 A/m; Power Drift = -0.034 dB

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

Peak H-field in A/m

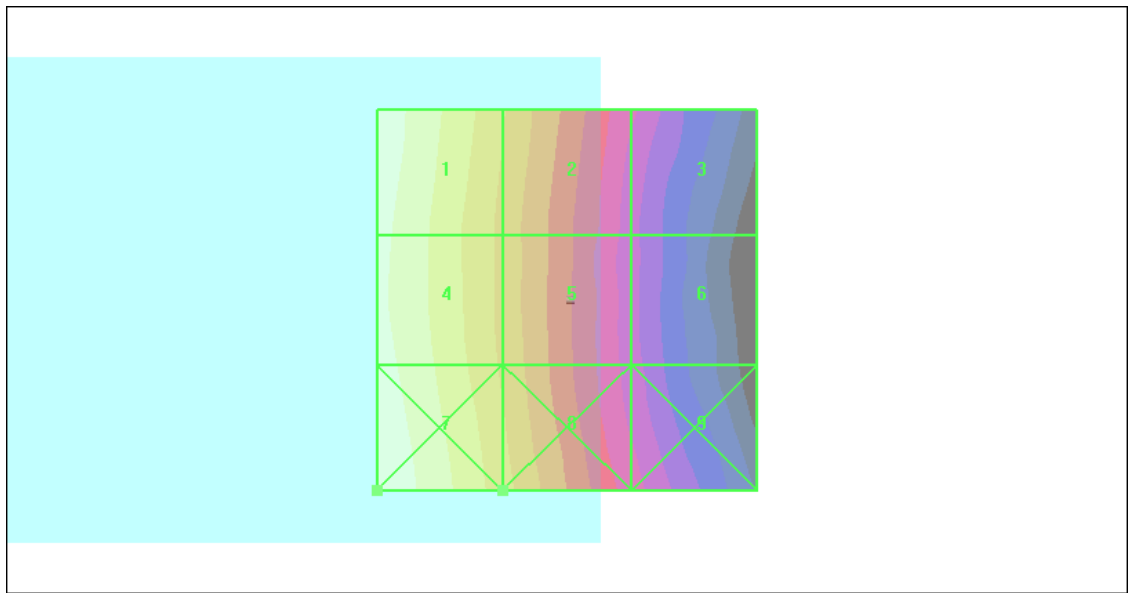
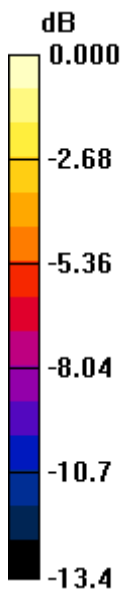
Grid 1 <b>0.173 M4</b>	Grid 2 <b>0.120 M4</b>	Grid 3 <b>0.073 M4</b>
Grid 4 <b>0.169 M4</b>	Grid 5 <b>0.116 M4</b>	Grid 6 <b>0.067 M4</b>
Grid 7 <b>0.178 M4</b>	Grid 8 <b>0.124 M4</b>	Grid 9 <b>0.074 M4</b>

**Cursor:**

Total = 0.178 A/m

H Category: M4

Location: 25, 25, 8.7 mm



0 dB = 0.178A/m

**#13 HAC\_H\_GSM1900\_Ch512**

**DUT: 031938-01**

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

DASY4 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2010/1/22
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**CH512/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.074 A/m

Probe Modulation Factor = 1.28

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.064 A/m; Power Drift = 0.054 dB

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

Peak H-field in A/m

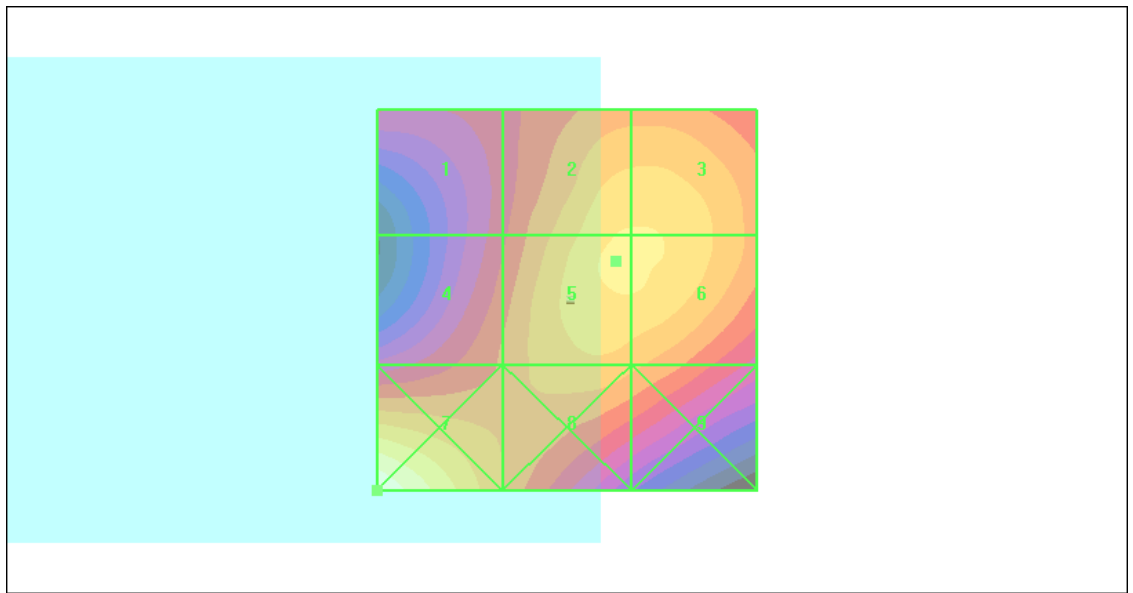
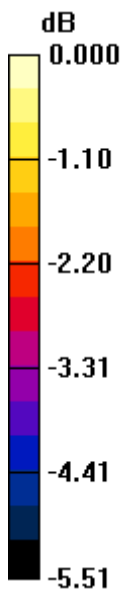
Grid 1 <b>0.061 M4</b>	Grid 2 <b>0.073 M4</b>	Grid 3 <b>0.073 M4</b>
Grid 4 <b>0.065 M4</b>	Grid 5 <b>0.074 M4</b>	Grid 6 <b>0.074 M4</b>
Grid 7 <b>0.083 M4</b>	Grid 8 <b>0.069 M4</b>	Grid 9 <b>0.068 M4</b>

**Cursor:**

Total = 0.083 A/m

H Category: M4

Location: 25, 25, 8.7 mm



0 dB = 0.083A/m



**#14 HAC\_H\_GSM1900\_Ch661**

**DUT: 031938-01**

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

DASY4 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2010/1/22
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**CH661/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.083 A/m

Probe Modulation Factor = 1.28

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.072 A/m; Power Drift = 0.046 dB

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

Peak H-field in A/m

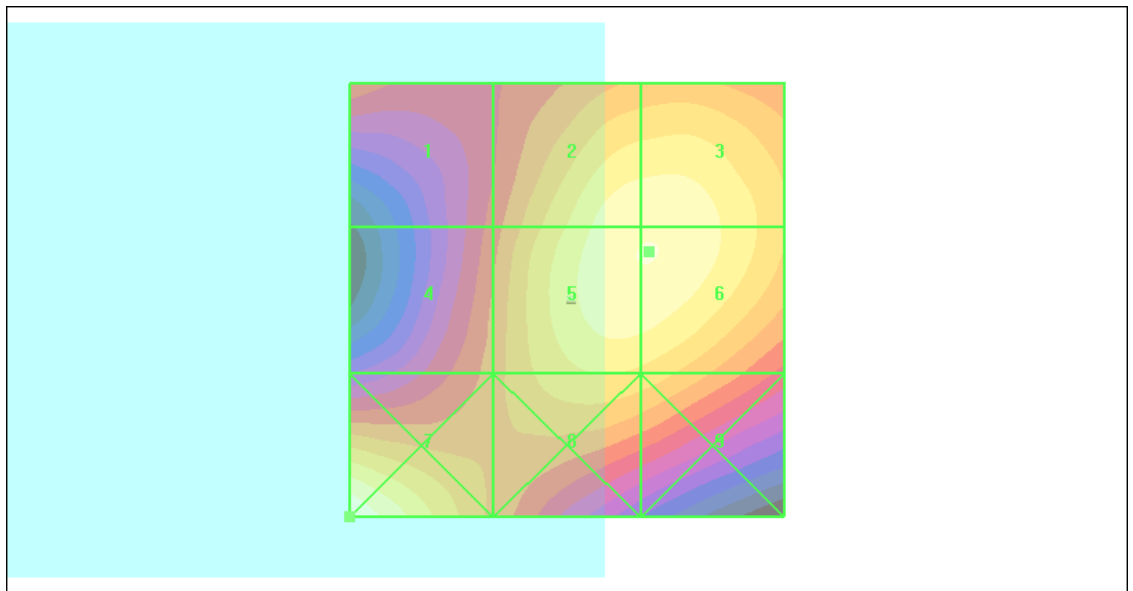
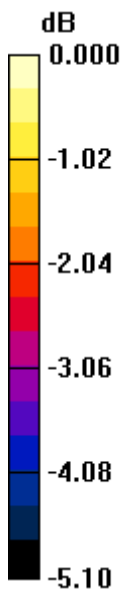
Grid 1 <b>0.068 M4</b>	Grid 2 <b>0.082 M4</b>	Grid 3 <b>0.082 M4</b>
Grid 4 <b>0.069 M4</b>	Grid 5 <b>0.083 M4</b>	Grid 6 <b>0.083 M4</b>
Grid 7 <b>0.086 M4</b>	Grid 8 <b>0.077 M4</b>	Grid 9 <b>0.076 M4</b>

**Cursor:**

Total = 0.086 A/m

H Category: M4

Location: 25, 25, 8.7 mm



0 dB = 0.086A/m

**#15 HAC\_H\_GSM1900\_Ch810**

**DUT: 031938-01**

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 : 22.5 °C

DASY4 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2010/1/22
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**CH810/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.078 A/m

Probe Modulation Factor = 1.28

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.067 A/m; Power Drift = 0.011 dB

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

Peak H-field in A/m

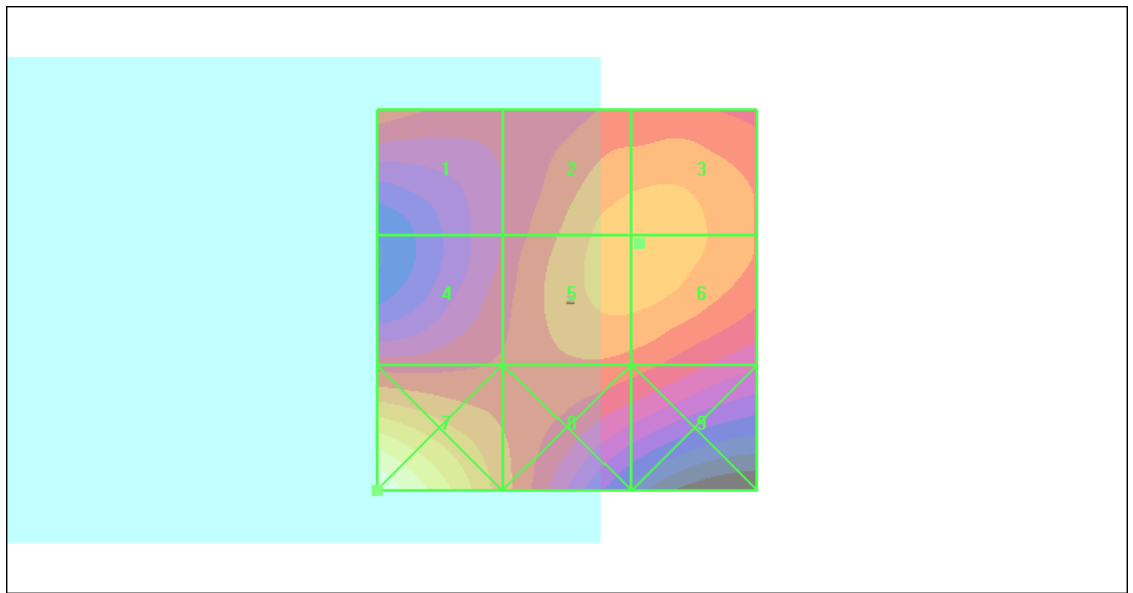
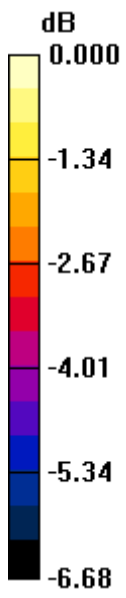
Grid 1 <b>0.071 M4</b>	Grid 2 <b>0.077 M4</b>	Grid 3 <b>0.077 M4</b>
Grid 4 <b>0.068 M4</b>	Grid 5 <b>0.078 M4</b>	Grid 6 <b>0.078 M4</b>
Grid 7 <b>0.097 M4</b>	Grid 8 <b>0.073 M4</b>	Grid 9 <b>0.070 M4</b>

**Cursor:**

Total = 0.097 A/m

H Category: M4

Location: 25, 25, 8.7 mm



0 dB = 0.097A/m

**#22 HAC\_H\_WCDMA V\_RMC12.2k\_Ch4132**

**DUT: 031938-01**

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 : 22.5 °C

DASY4 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2010/1/22
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**CH4132/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.090 A/m

Probe Modulation Factor = 0.828

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.059 A/m; Power Drift = 0.027 dB

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

Peak H-field in A/m

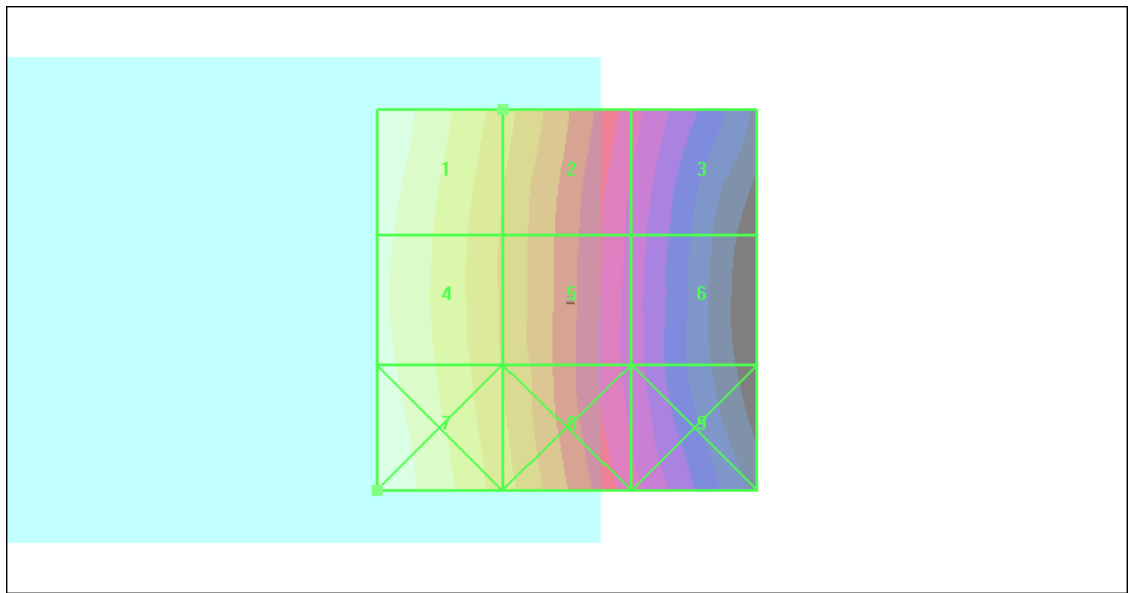
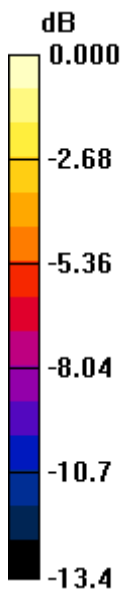
Grid 1 <b>0.090 M4</b>	Grid 2 <b>0.063 M4</b>	Grid 3 <b>0.038 M4</b>
Grid 4 <b>0.086 M4</b>	Grid 5 <b>0.060 M4</b>	Grid 6 <b>0.035 M4</b>
Grid 7 <b>0.091 M4</b>	Grid 8 <b>0.063 M4</b>	Grid 9 <b>0.038 M4</b>

**Cursor:**

Total = 0.091 A/m

H Category: M4

Location: 25, 25, 8.7 mm



0 dB = 0.091A/m

**#23 HAC\_H\_WCDMA V\_RMC12.2k\_Ch4182**

**DUT: 031938-01**

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

DASY4 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2010/1/22
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**CH4182/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.092 A/m

Probe Modulation Factor = 0.828

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.060 A/m; Power Drift = 0.061 dB

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

Peak H-field in A/m

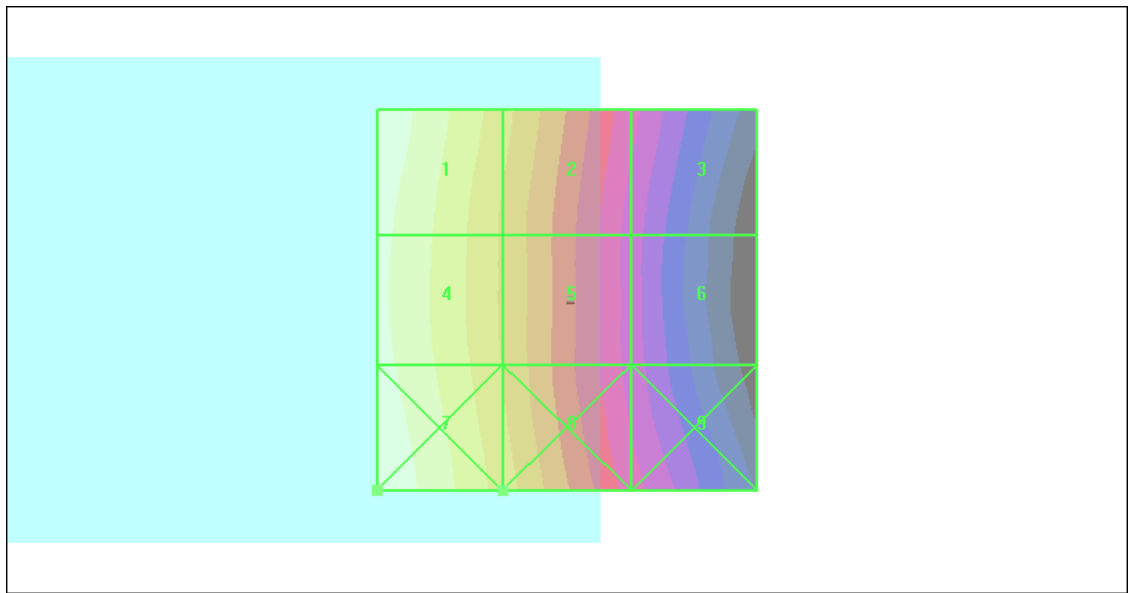
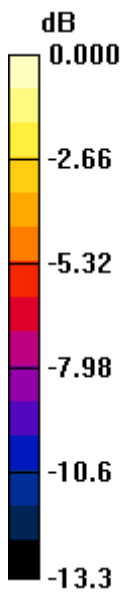
Grid 1 <b>0.092 M4</b>	Grid 2 <b>0.065 M4</b>	Grid 3 <b>0.039 M4</b>
Grid 4 <b>0.088 M4</b>	Grid 5 <b>0.062 M4</b>	Grid 6 <b>0.036 M4</b>
Grid 7 <b>0.094 M4</b>	Grid 8 <b>0.066 M4</b>	Grid 9 <b>0.040 M4</b>

**Cursor:**

Total = 0.094 A/m

H Category: M4

Location: 25, 25, 8.7 mm



0 dB = 0.094A/m



**#24 HAC\_H\_WCDMA V\_RMC12.2k\_Ch4233**

**DUT: 031938-01**

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 : 22.5 °C

DASY4 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2010/1/22
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**CH4233/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.096 A/m

Probe Modulation Factor = 0.828

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.062 A/m; Power Drift = -0.100 dB

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

Peak H-field in A/m

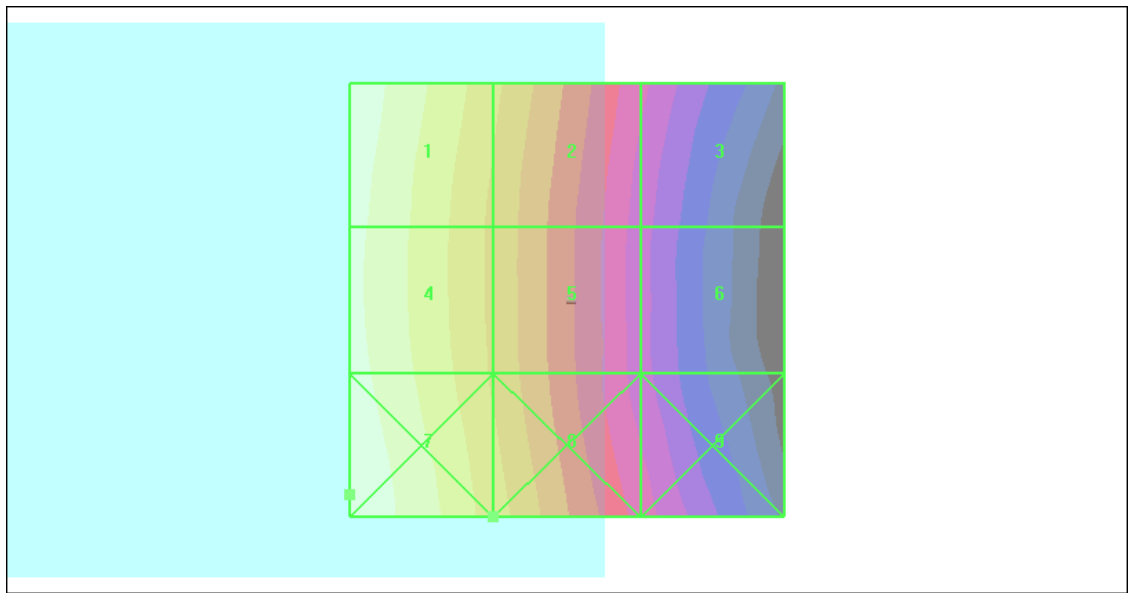
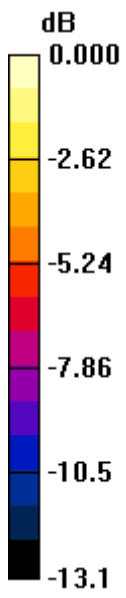
Grid 1 <b>0.096 M4</b>	Grid 2 <b>0.067 M4</b>	Grid 3 <b>0.041 M4</b>
Grid 4 <b>0.092 M4</b>	Grid 5 <b>0.064 M4</b>	Grid 6 <b>0.037 M4</b>
Grid 7 <b>0.097 M4</b>	Grid 8 <b>0.068 M4</b>	Grid 9 <b>0.042 M4</b>

**Cursor:**

Total = 0.097 A/m

H Category: M4

Location: 25, 22.5, 8.7 mm



0 dB = 0.097A/m

**#19 HAC\_H\_WCDMA II\_RMC12.2k\_Ch9262**

**DUT: 031938-01**

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

DASY4 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2010/1/22
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**CH9262/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.047 A/m

Probe Modulation Factor = 0.515

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.100 A/m; Power Drift = -0.077 dB

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

Peak H-field in A/m

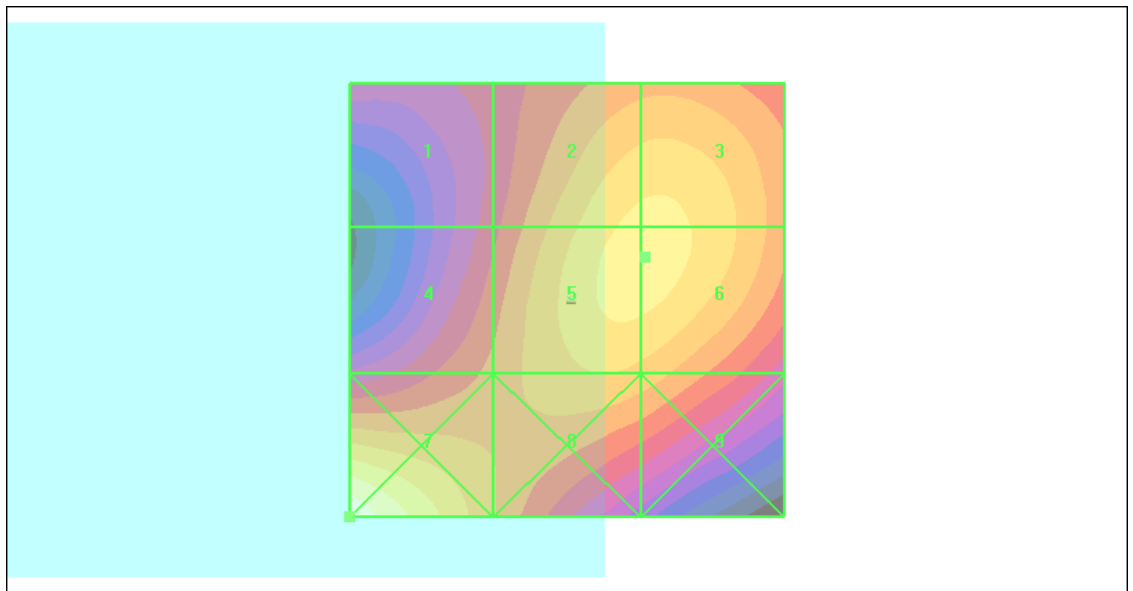
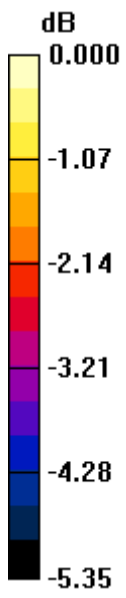
Grid 1 <b>0.039 M4</b>	Grid 2 <b>0.047 M4</b>	Grid 3 <b>0.047 M4</b>
Grid 4 <b>0.041 M4</b>	Grid 5 <b>0.047 M4</b>	Grid 6 <b>0.047 M4</b>
Grid 7 <b>0.052 M4</b>	Grid 8 <b>0.044 M4</b>	Grid 9 <b>0.043 M4</b>

**Cursor:**

Total = 0.052 A/m

H Category: M4

Location: 25, 25, 8.7 mm



0 dB = 0.052A/m

**#20 HAC\_H\_WCDMA II\_RMC12.2k\_Ch9400**

**DUT: 031938-01**

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

DASY4 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2010/1/22
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**CH9400/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.052 A/m

Probe Modulation Factor = 0.515

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.110 A/m; Power Drift = 0.048 dB

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

Peak H-field in A/m

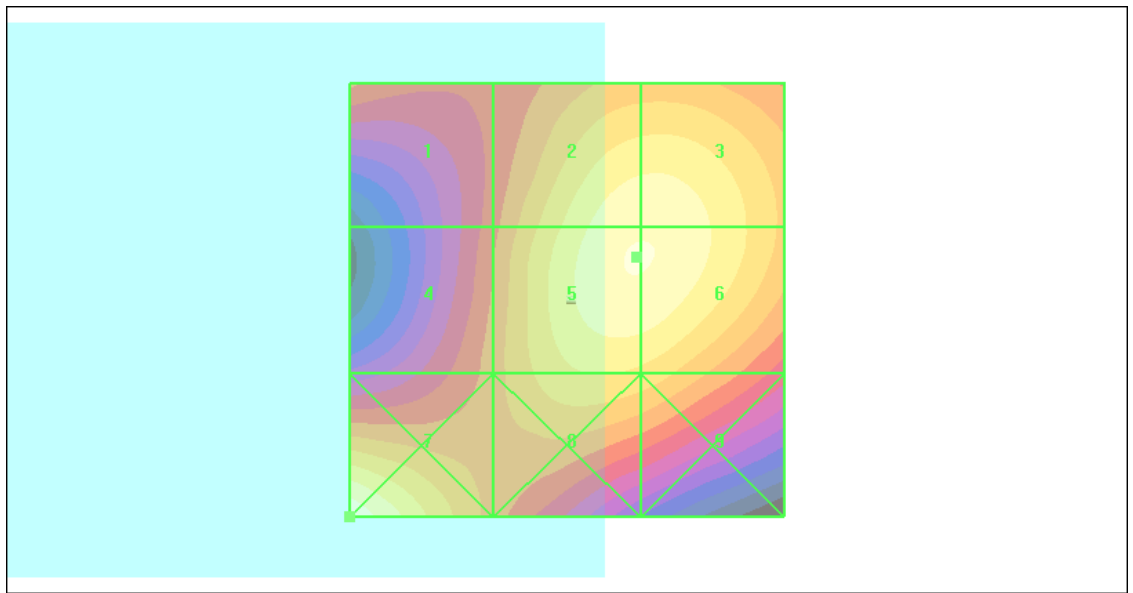
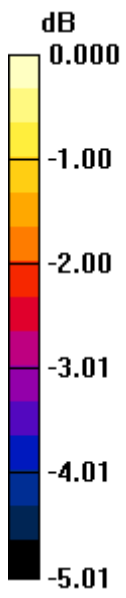
Grid 1 <b>0.043 M4</b>	Grid 2 <b>0.052 M4</b>	Grid 3 <b>0.052 M4</b>
Grid 4 <b>0.044 M4</b>	Grid 5 <b>0.052 M4</b>	Grid 6 <b>0.052 M4</b>
Grid 7 <b>0.054 M4</b>	Grid 8 <b>0.048 M4</b>	Grid 9 <b>0.048 M4</b>

**Cursor:**

Total = 0.054 A/m

H Category: M4

Location: 25, 25, 8.7 mm



0 dB = 0.054A/m

**#21 HAC\_H\_WCDMA II\_RMC12.2k\_Ch9538**

**DUT: 031938-01**

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

DASY4 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2010/1/22
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**CH9538/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.046 A/m

Probe Modulation Factor = 0.515

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.098 A/m; Power Drift = -0.009 dB

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

Peak H-field in A/m

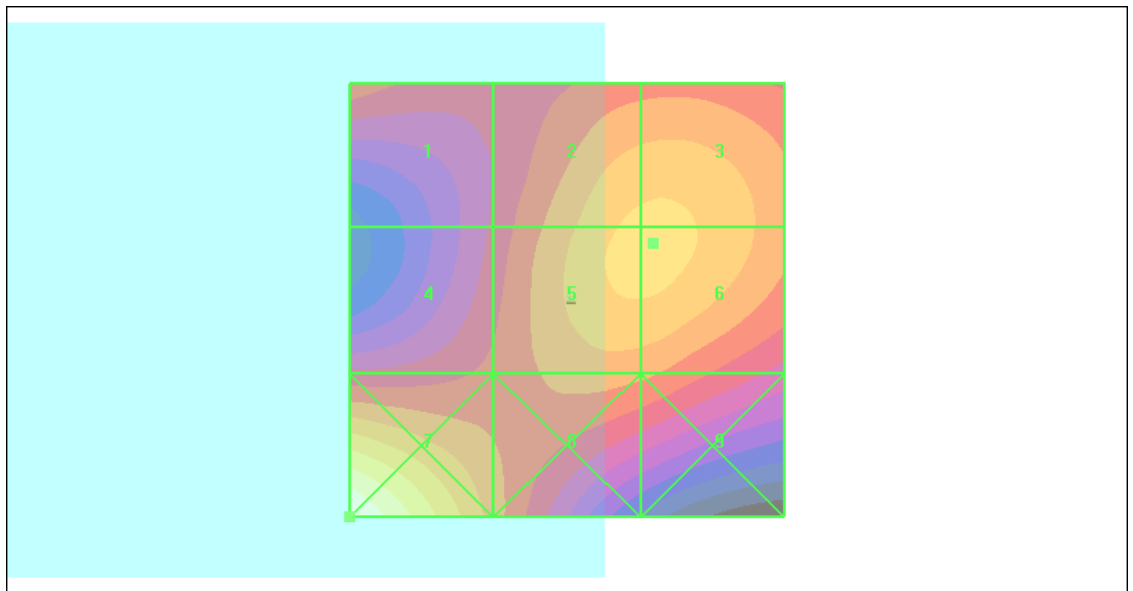
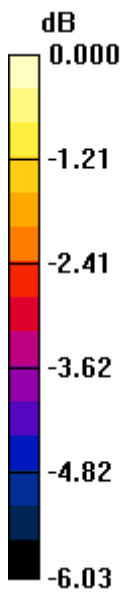
Grid 1 <b>0.041 M4</b>	Grid 2 <b>0.046 M4</b>	Grid 3 <b>0.046 M4</b>
Grid 4 <b>0.040 M4</b>	Grid 5 <b>0.046 M4</b>	Grid 6 <b>0.046 M4</b>
Grid 7 <b>0.055 M4</b>	Grid 8 <b>0.043 M4</b>	Grid 9 <b>0.042 M4</b>

**Cursor:**

Total = 0.055 A/m

H Category: M4

Location: 25, 25, 8.7 mm



0 dB = 0.055A/m