

APPENDIX A. HAC TEST PLOTS

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.4 °C /1013

Test Date Apr.25, 2011

DUT: TXT8045; Type: Slide down; Serial: #1

Communication System: CDMA 835MHz FCC; Frequency: 824.7 MHz;Duty Cycle: 1:1
 Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³
 Phantom section: E Dipole Section ; Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

DASY4 Configuration:

- Probe: ER3DV6 - SN2343; ConvF(1, 1, 1); Calibrated: 2010-05-20
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn869; Calibrated: 2010-09-21
- Phantom: HAC Test Arch; Type: SD HAC P01 BA

E Scan - ER3D - 2007: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1):

Measurement grid: dx=5mm, dy=5mm
 Maximum value of peak Total field = 51.9 V/m
 Probe Modulation Factor = 0.963
 Device Reference Point: 0.000, 0.000, 354.7 mm
 Reference Value = 68.0 V/m; Power Drift = 0.033 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

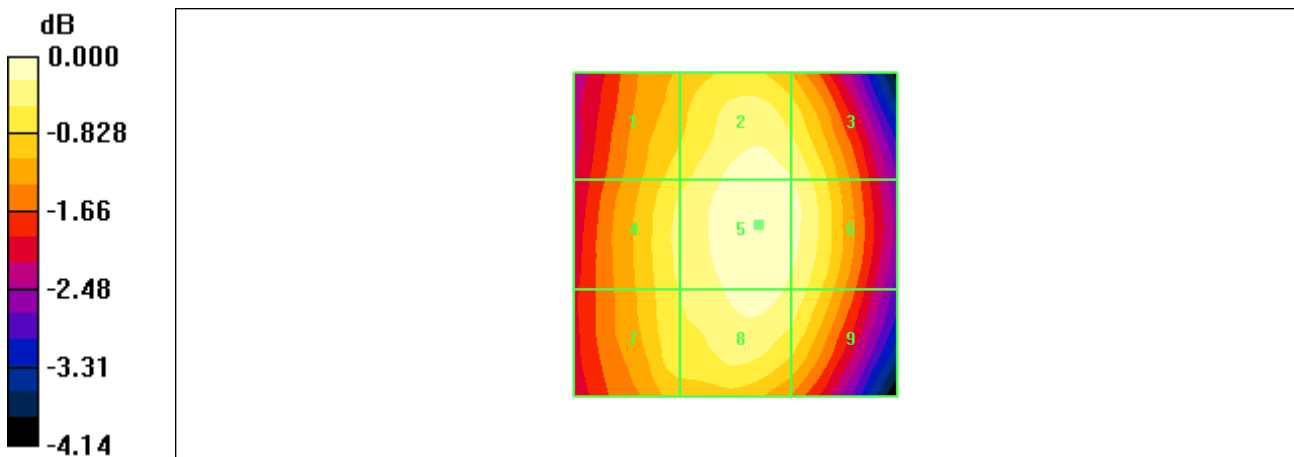
| | | |
|---------|---------|---------|
| Grid 1 | Grid 2 | Grid 3 |
| 48.2 M4 | 51.2 M4 | 50.4 M4 |
| Grid 4 | Grid 5 | Grid 6 |
| 49.2 M4 | 51.9 M4 | 51.0 M4 |
| Grid 7 | Grid 8 | Grid 9 |
| 48.8 M4 | 50.9 M4 | 50.0 M4 |

Cursor:

Total = 51.9 V/m

E Category: M4

Location: -3.5, -1.5, 370.9 mm



0 dB = 51.9V/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.4 °C /384

Test Date Apr.25, 2011

DUT: TXT8045; Type: Slide down; Serial: #1

Communication System: CDMA 835MHz FCC; Frequency: 836.52 MHz;Duty Cycle: 1:1

Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Phantom section: E Dipole Section ; Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

DASY4 Configuration:

- Probe: ER3DV6 - SN2343; ConvF(1, 1, 1); Calibrated: 2010-05-20
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn869; Calibrated: 2010-09-21
- Phantom: HAC Test Arch; Type: SD HAC P01 BA

E Scan - ER3D - 2007: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1):

Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 57.4 V/m

Probe Modulation Factor = 0.963

Device Reference Point: 0.000, 0.000, 354.7 mm

Reference Value = 74.1 V/m; Power Drift = 0.074 dB

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

Peak E-field in V/m

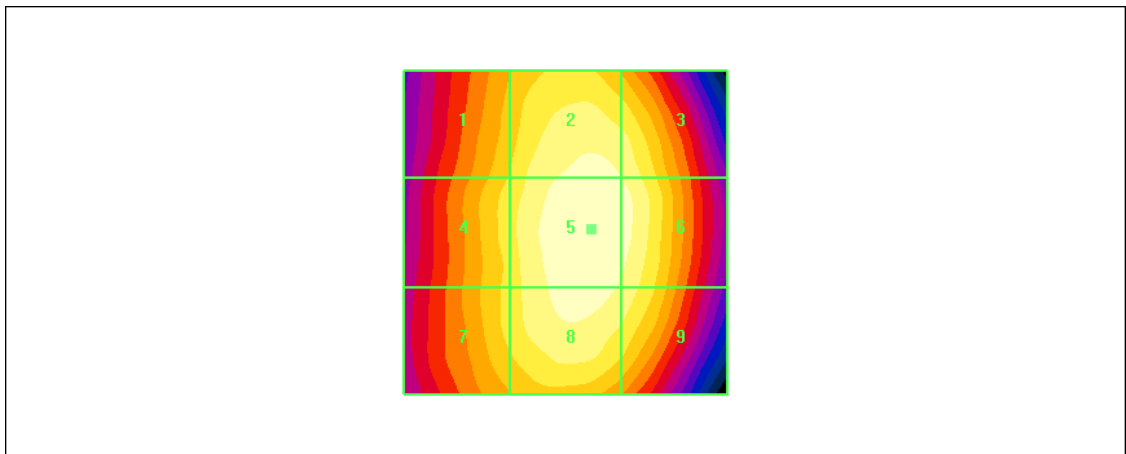
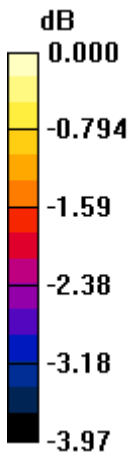
| | | |
|---------|---------|---------|
| Grid 1 | Grid 2 | Grid 3 |
| 52.6 M4 | 56.5 M4 | 55.7 M4 |
| Grid 4 | Grid 5 | Grid 6 |
| 53.5 M4 | 57.4 M4 | 56.5 M4 |
| Grid 7 | Grid 8 | Grid 9 |
| 53.1 M4 | 56.6 M4 | 55.4 M4 |

Cursor:

Total = 57.4 V/m

E Category: M4

Location: -4, -0.5, 370.9 mm



0 dB = 57.4V/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.4 °C /777

Test Date Apr.25, 2011

DUT: TXT8045; Type: Slide down; Serial: #1

Communication System: CDMA 835MHz FCC; Frequency: 848.31 MHz;Duty Cycle: 1:1

Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Phantom section: E Dipole Section ; Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

DASY4 Configuration:

- Probe: ER3DV6 - SN2343; ConvF(1, 1, 1); Calibrated: 2010-05-20
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn869; Calibrated: 2010-09-21
- Phantom: HAC Test Arch; Type: SD HAC P01 BA

E Scan - ER3D - 2007: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1):

Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 51.7 V/m

Probe Modulation Factor = 0.963

Device Reference Point: 0.000, 0.000, 354.7 mm

Reference Value = 68.1 V/m; Power Drift = -0.083 dB

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

Peak E-field in V/m

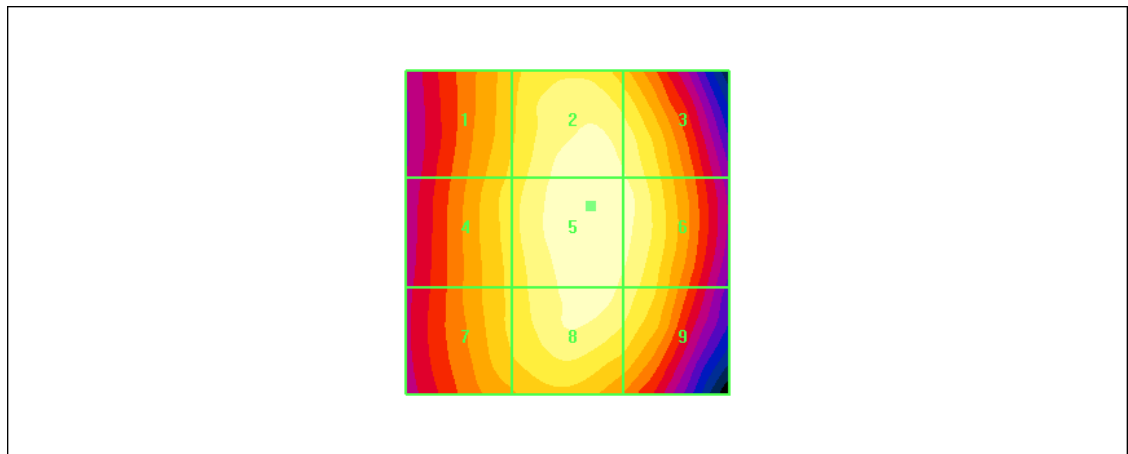
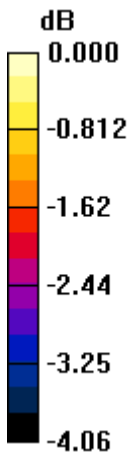
| | | |
|---------|---------|---------|
| Grid 1 | Grid 2 | Grid 3 |
| 47.6 M4 | 51.3 M4 | 50.4 M4 |
| Grid 4 | Grid 5 | Grid 6 |
| 48.1 M4 | 51.7 M4 | 50.9 M4 |
| Grid 7 | Grid 8 | Grid 9 |
| 47.6 M4 | 50.9 M4 | 49.8 M4 |

Cursor:

Total = 51.7 V/m

E Category: M4

Location: -3.5, -4, 370.9 mm



0 dB = 51.7V/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.4 °C /25

Test Date Apr.25, 2011

DUT: TXT8045; Type: Slide down; Serial: #1

Communication System: PCS 1900MHz FCC; Frequency: 1851.25 MHz;Duty Cycle: 1:1
 Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³
 Phantom section: E Dipole Section ; Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

DASY4 Configuration:

- Probe: ER3DV6 - SN2343; ConvF(1, 1, 1); Calibrated: 2010-05-20
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn869; Calibrated: 2010-09-21
- Phantom: HAC Test Arch; Type: SD HAC P01 BA

E Scan - ER3D - 2007: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1):

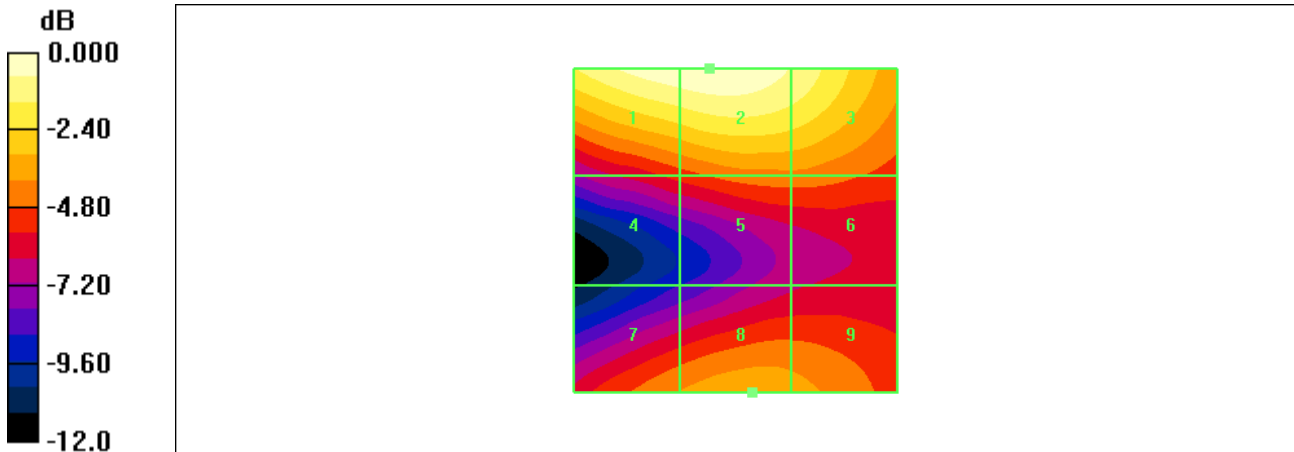
Measurement grid: dx=5mm, dy=5mm
 Maximum value of peak Total field = 27.6 V/m
 Probe Modulation Factor = 0.953
 Device Reference Point: 0.000, 0.000, 354.7 mm
 Reference Value = 13.4 V/m; Power Drift = -0.110 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

| | | |
|---------|---------|---------|
| Grid 1 | Grid 2 | Grid 3 |
| 27.2 M4 | 27.6 M4 | 25.1 M4 |
| Grid 4 | Grid 5 | Grid 6 |
| 15.2 M4 | 17.0 M4 | 17.0 M4 |
| Grid 7 | Grid 8 | Grid 9 |
| 17.5 M4 | 18.6 M4 | 18.1 M4 |

Cursor:

Total = 27.6 V/m
 E Category: M4
 Location: 4, -25, 370.9 mm



0 dB = 27.6V/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.4 °C /600

Test Date Apr.25, 2011

DUT: TXT8045; Type: Slide down; Serial: #1

Communication System: PCS 1900MHz FCC; Frequency: 1880 MHz;Duty Cycle: 1:1

Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Phantom section: E Dipole Section ; Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

DASY4 Configuration:

- Probe: ER3DV6 - SN2343; ConvF(1, 1, 1); Calibrated: 2010-05-20
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn869; Calibrated: 2010-09-21
- Phantom: HAC Test Arch; Type: SD HAC P01 BA

E Scan - ER3D - 2007: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1):

Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 31.1 V/m

Probe Modulation Factor = 0.953

Device Reference Point: 0.000, 0.000, 354.7 mm

Reference Value = 19.9 V/m; Power Drift = 0.031 dB

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

Peak E-field in V/m

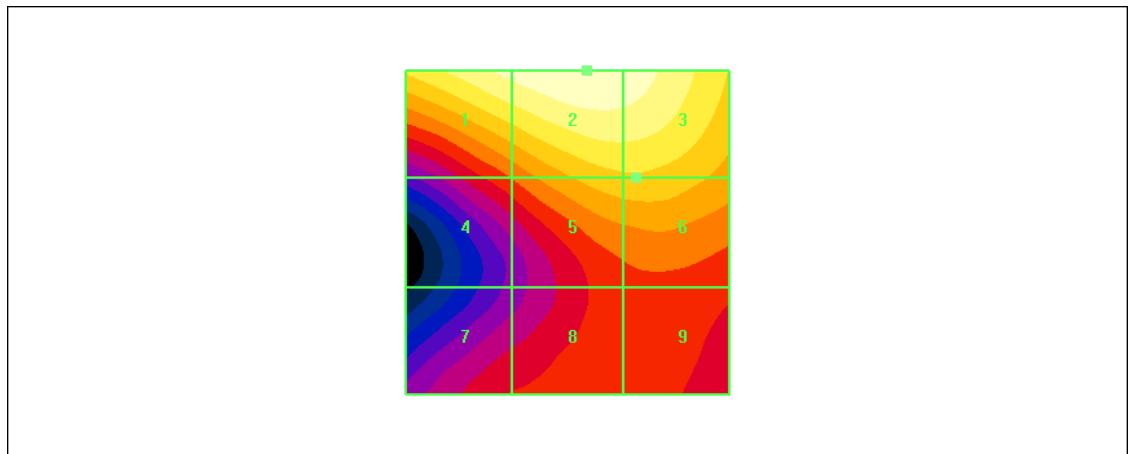
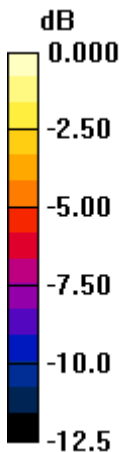
| | | |
|---------|---------|---------|
| Grid 1 | Grid 2 | Grid 3 |
| 29.3 M4 | 31.1 M4 | 30.2 M4 |
| Grid 4 | Grid 5 | Grid 6 |
| 17.7 M4 | 22.9 M4 | 23.0 M4 |
| Grid 7 | Grid 8 | Grid 9 |
| 16.0 M4 | 17.3 M4 | 17.2 M4 |

Cursor:

Total = 31.1 V/m

E Category: M4

Location: -3, -25, 370.9 mm



0 dB = 31.1V/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.4 °C /1175

Test Date Apr.25, 2011

DUT: TXT8045; Type: Slide down; Serial: #1

Communication System: PCS 1900MHz FCC; Frequency: 1908.75 MHz;Duty Cycle: 1:1

Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Phantom section: E Dipole Section ; Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

DASY4 Configuration:

- Probe: ER3DV6 - SN2343; ConvF(1, 1, 1); Calibrated: 2010-05-20
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn869; Calibrated: 2010-09-21
- Phantom: HAC Test Arch; Type: SD HAC P01 BA

E Scan - ER3D - 2007: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1):

Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 31.8 V/m

Probe Modulation Factor = 0.953

Device Reference Point: 0.000, 0.000, 354.7 mm

Reference Value = 20.4 V/m; Power Drift = -0.102 dB

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

Peak E-field in V/m

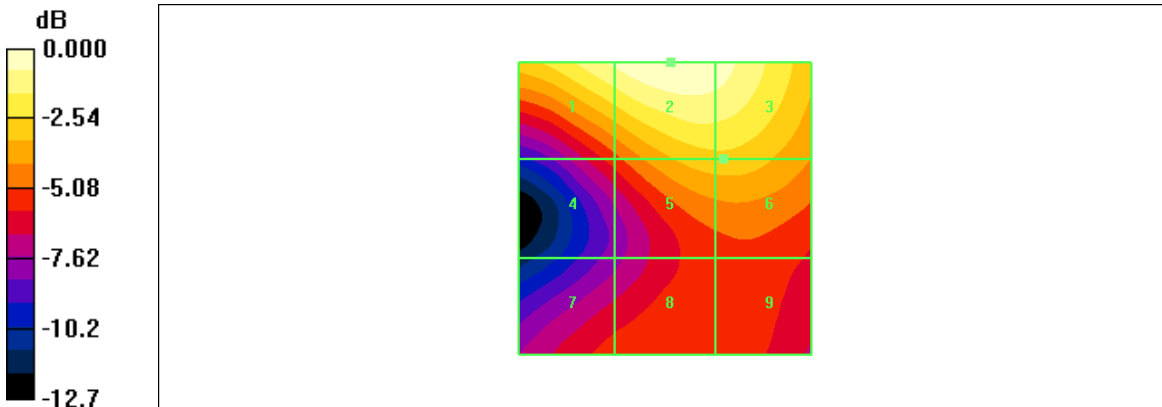
| | | |
|---------|---------|---------|
| Grid 1 | Grid 2 | Grid 3 |
| 29.5 M4 | 31.8 M4 | 30.4 M4 |
| Grid 4 | Grid 5 | Grid 6 |
| 17.2 M4 | 23.0 M4 | 23.0 M4 |
| Grid 7 | Grid 8 | Grid 9 |
| 16.8 M4 | 17.7 M4 | 17.5 M4 |

Cursor:

Total = 31.8 V/m

E Category: M4

Location: -1, -25, 370.9 mm



0 dB = 31.8V/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.4 °C /1013

Test Date Apr.25, 2011

DUT: TXT8045; Type: Slide down; Serial: #1

Communication System: CDMA 835MHz FCC; Frequency: 824.7 MHz;Duty Cycle: 1:1
 Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³
 Phantom section: E Dipole Section ; Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

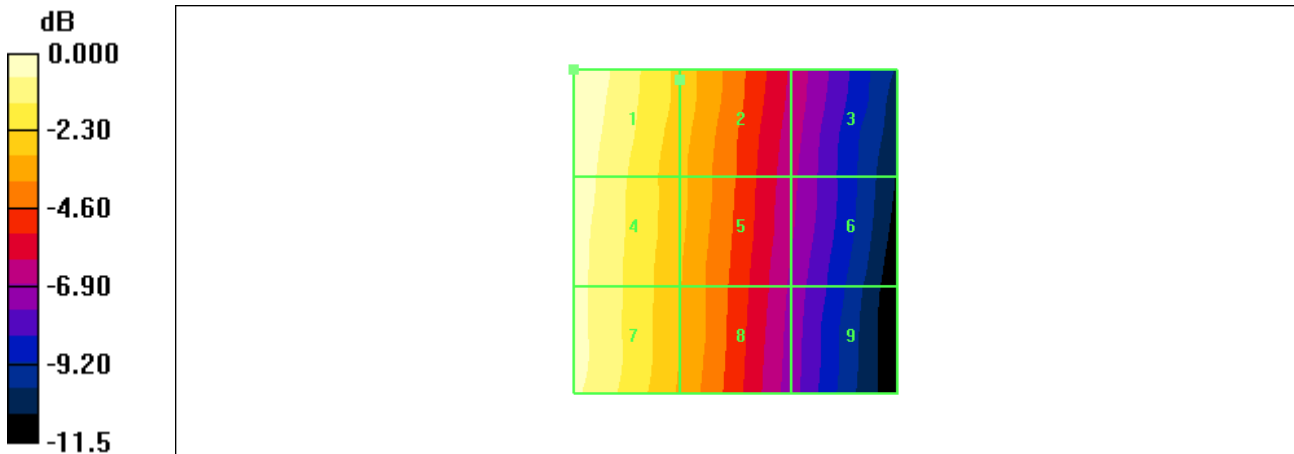
DASY4 Configuration:
 - Probe: H3DV6 - SN6101; ; Calibrated: 2010-05-27
 - Sensor-Surface: (Fix Surface)
 - Electronics: DAE4 Sn869; Calibrated: 2010-09-21
 - Phantom: HAC Test Arch; Type: SD HAC P01 BA

H Scan - H3DV6 - 2007: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1):
 Measurement grid: dx=5mm, dy=5mm
 Maximum value of peak Total field = 0.097 A/m
 Probe Modulation Factor = 0.868
 Device Reference Point: 0.000, 0.000, 354.7 mm
 Reference Value = 0.068 A/m; Power Drift = -0.067 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

| | | |
|----------|----------|----------|
| Grid 1 | Grid 2 | Grid 3 |
| 0.097 M4 | 0.072 M4 | 0.047 M4 |
| Grid 4 | Grid 5 | Grid 6 |
| 0.093 M4 | 0.070 M4 | 0.045 M4 |
| Grid 7 | Grid 8 | Grid 9 |
| 0.092 M4 | 0.069 M4 | 0.043 M4 |

Cursor:
 Total = 0.097 A/m
 H Category: M4
 Location: 25, -25, 370.9 mm



0 dB = 0.097A/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.4 °C /384

Test Date Apr.25, 2011

DUT: TXT8045; Type: Slide down; Serial: #1

Communication System: CDMA 835MHz FCC; Frequency: 836.52 MHz;Duty Cycle: 1:1

Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³

Phantom section: E Dipole Section ; Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

DASY4 Configuration:

- Probe: H3DV6 - SN6101; ; Calibrated: 2010-05-27
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn869; Calibrated: 2010-09-21
- Phantom: HAC Test Arch; Type: SD HAC P01 BA

H Scan - H3DV6 - 2007: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1):

Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.102 A/m

Probe Modulation Factor = 0.868

Device Reference Point: 0.000, 0.000, 354.7 mm

Reference Value = 0.067 A/m; Power Drift = 0.017 dB

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

Peak H-field in A/m

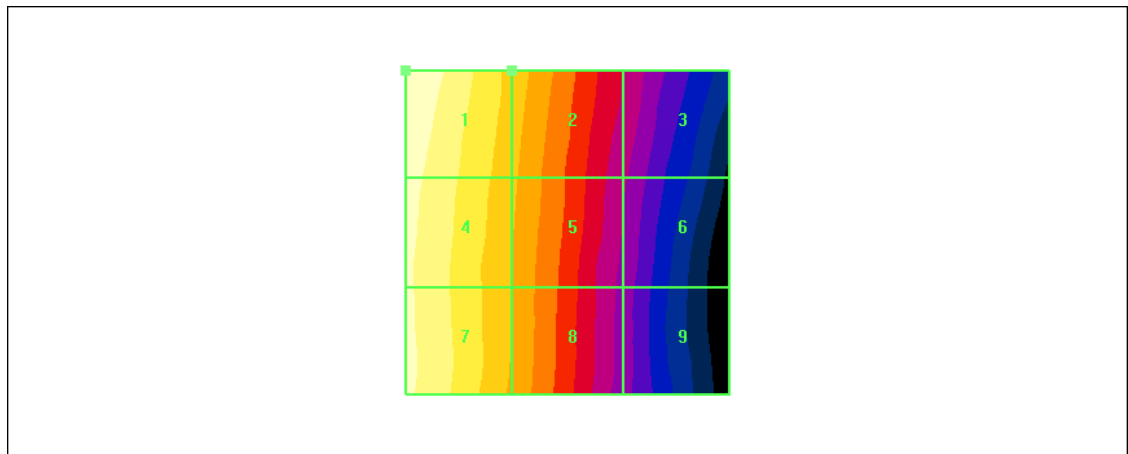
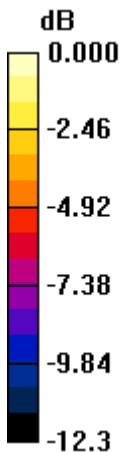
| | | |
|----------|----------|----------|
| Grid 1 | Grid 2 | Grid 3 |
| 0.102 M4 | 0.074 M4 | 0.048 M4 |
| Grid 4 | Grid 5 | Grid 6 |
| 0.096 M4 | 0.072 M4 | 0.045 M4 |
| Grid 7 | Grid 8 | Grid 9 |
| 0.095 M4 | 0.070 M4 | 0.042 M4 |

Cursor:

Total = 0.102 A/m

H Category: M4

Location: 25, -25, 370.9 mm



0 dB = 0.102A/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.4 °C /777

Test Date Apr.25, 2011

DUT: TXT8045; Type: Slide down; Serial: #1

Communication System: CDMA 835MHz FCC; Frequency: 848.31 MHz;Duty Cycle: 1:1

Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³

Phantom section: E Dipole Section ; Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

DASY4 Configuration:

- Probe: H3DV6 - SN6101; ; Calibrated: 2010-05-27
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn869; Calibrated: 2010-09-21
- Phantom: HAC Test Arch; Type: SD HAC P01 BA

H Scan - H3DV6 - 2007: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1):

Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.101 A/m

Probe Modulation Factor = 0.868

Device Reference Point: 0.000, 0.000, 354.7 mm

Reference Value = 0.067 A/m; Power Drift = -0.031 dB

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

Peak H-field in A/m

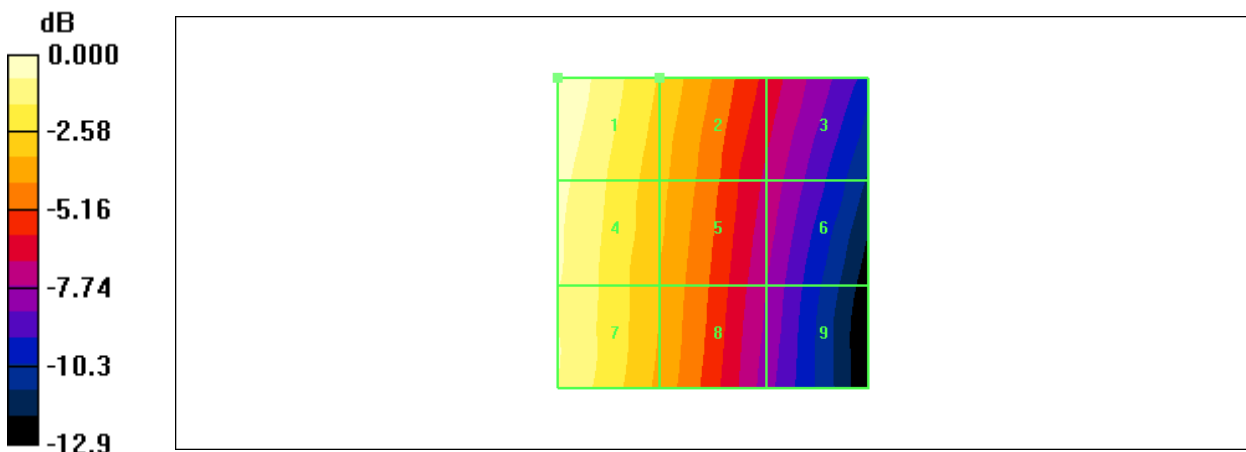
| | | |
|-----------------|-----------------|-----------------|
| Grid 1 | Grid 2 | Grid 3 |
| 0.101 M4 | 0.074 M4 | 0.049 M4 |
| Grid 4 | Grid 5 | Grid 6 |
| 0.094 M4 | 0.070 M4 | 0.045 M4 |
| Grid 7 | Grid 8 | Grid 9 |
| 0.092 M4 | 0.068 M4 | 0.042 M4 |

Cursor:

Total = 0.101 A/m

H Category: M4

Location: 25, -25, 370.9 mm



0 dB = 0.101A/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.4 °C /25

Test Date Apr.25, 2011

DUT: TXT8045; Type: Slide down; Serial: #1

Communication System: PCS 1900MHz FCC; Frequency: 1851.25 MHz;Duty Cycle: 1:1

Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³

Phantom section: E Dipole Section ; Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

DASY4 Configuration:

- Probe: H3DV6 - SN6101; ; Calibrated: 2010-05-27
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn869; Calibrated: 2010-09-21
- Phantom: HAC Test Arch; Type: SD HAC P01 BA

H Scan - H3DV6 - 2007: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1):

Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.065 A/m

Probe Modulation Factor = 0.784

Device Reference Point: 0.000, 0.000, 354.7 mm

Reference Value = 0.087 A/m; Power Drift = 0.113 dB

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

Peak H-field in A/m

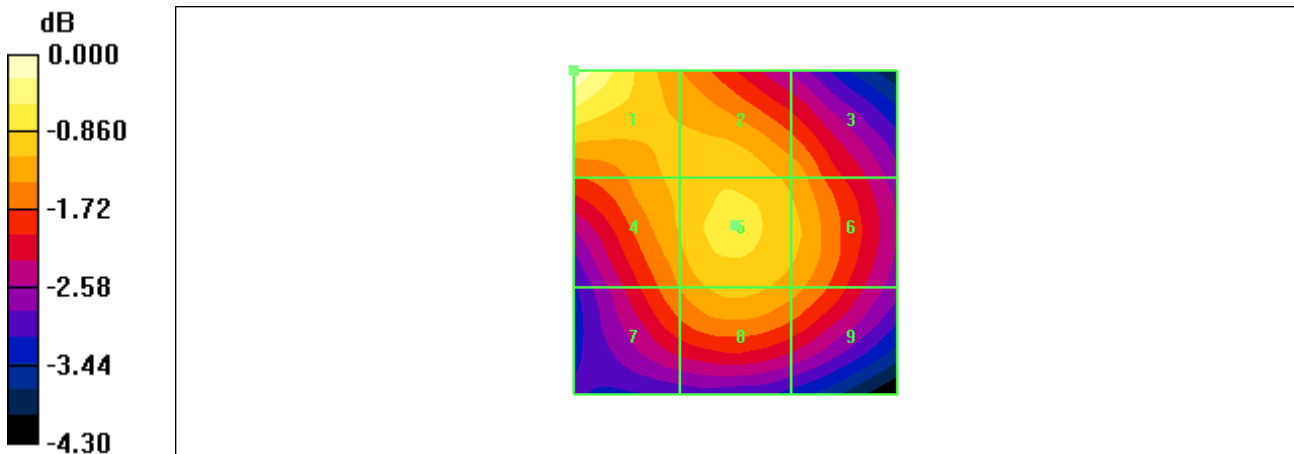
| | | |
|----------|----------|----------|
| Grid 1 | Grid 2 | Grid 3 |
| 0.065 M4 | 0.059 M4 | 0.056 M4 |
| Grid 4 | Grid 5 | Grid 6 |
| 0.058 M4 | 0.059 M4 | 0.058 M4 |
| Grid 7 | Grid 8 | Grid 9 |
| 0.055 M4 | 0.058 M4 | 0.056 M4 |

Cursor:

Total = 0.065 A/m

H Category: M4

Location: 25, -25, 370.9 mm



0 dB = 0.065A/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.4 °C /600

Test Date Apr.25, 2011

DUT: TXT8045; Type: Slide down; Serial: #1

Communication System: PCS 1900MHz FCC; Frequency: 1880 MHz;Duty Cycle: 1:1

Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³

Phantom section: E Dipole Section ; Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

DASY4 Configuration:

- Probe: H3DV6 - SN6101; ; Calibrated: 2010-05-27
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn869; Calibrated: 2010-09-21
- Phantom: HAC Test Arch; Type: SD HAC P01 BA

H Scan - H3DV6 - 2007: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1):

Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.073 A/m

Probe Modulation Factor = 0.784

Device Reference Point: 0.000, 0.000, 354.7 mm

Reference Value = 0.080 A/m; Power Drift = 0.125 dB

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

Peak H-field in A/m

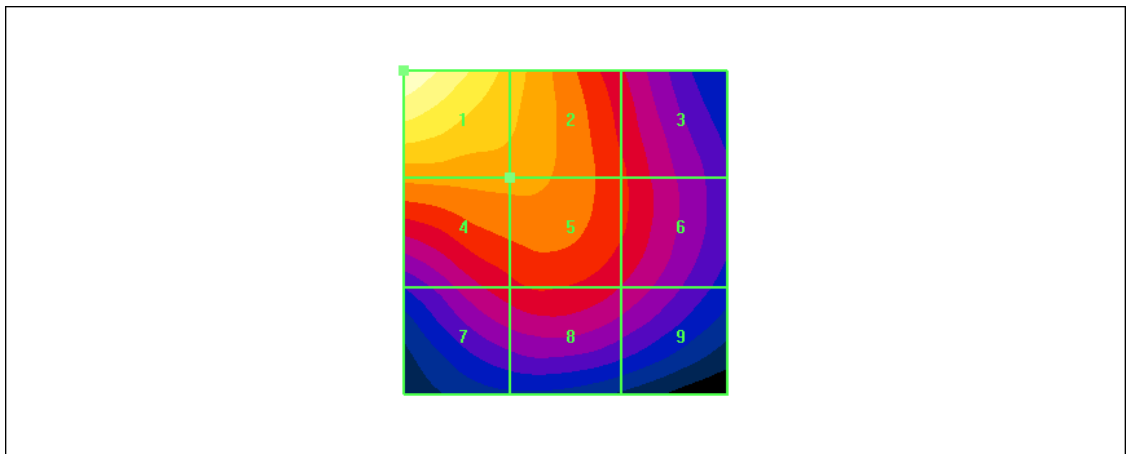
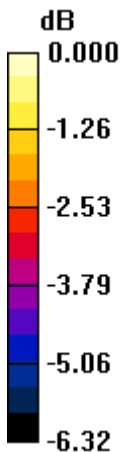
| | | |
|----------|----------|----------|
| Grid 1 | Grid 2 | Grid 3 |
| 0.073 M4 | 0.062 M4 | 0.053 M4 |
| Grid 4 | Grid 5 | Grid 6 |
| 0.058 M4 | 0.058 M4 | 0.053 M4 |
| Grid 7 | Grid 8 | Grid 9 |
| 0.051 M4 | 0.052 M4 | 0.050 M4 |

Cursor:

Total = 0.073 A/m

H Category: M4

Location: 25, -25, 370.9 mm



0 dB = 0.073A/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.4 °C /1175

Test Date Apr.25, 2011

DUT: TXT8045; Type: Slide down; Serial: #1

Communication System: PCS 1900MHz FCC; Frequency: 1908.75 MHz;Duty Cycle: 1:1
 Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³
 Phantom section: E Dipole Section ; Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

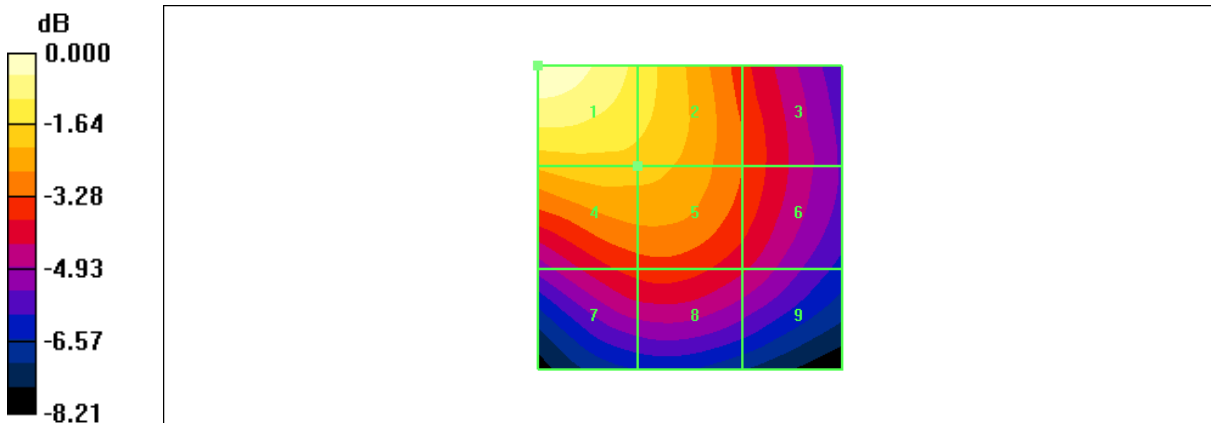
DASY4 Configuration:
 - Probe: H3DV6 - SN6101; ; Calibrated: 2010-05-27
 - Sensor-Surface: (Fix Surface)
 - Electronics: DAE4 Sn869; Calibrated: 2010-09-21
 - Phantom: HAC Test Arch; Type: SD HAC P01 BA

H Scan - H3DV6 - 2007: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1):
 Measurement grid: dx=5mm, dy=5mm
 Maximum value of peak Total field = 0.084 A/m
 Probe Modulation Factor = 0.784
 Device Reference Point: 0.000, 0.000, 354.7 mm
 Reference Value = 0.088 A/m; Power Drift = 0.096 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

| | | |
|----------|----------|----------|
| Grid 1 | Grid 2 | Grid 3 |
| 0.084 M4 | 0.073 M4 | 0.058 M4 |
| Grid 4 | Grid 5 | Grid 6 |
| 0.068 M4 | 0.067 M4 | 0.058 M4 |
| Grid 7 | Grid 8 | Grid 9 |
| 0.056 M4 | 0.056 M4 | 0.051 M4 |

Cursor:
 Total = 0.084 A/m
 H Category: M4
 Location: 25, -25, 370.9 mm



0 dB = 0.084A/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.4 °C /128

Test Date Apr.25, 2011

DUT: TXT8045; Type: Slide down; Serial: #1

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:8.3

Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Phantom section: E Dipole Section ; Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

DASY4 Configuration:

- Probe: ER3DV6 - SN2343; ConvF(1, 1, 1); Calibrated: 2010-05-20
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn869; Calibrated: 2010-09-21
- Phantom: HAC Test Arch; Type: SD HAC P01 BA

E Scan - ER3D - 2007: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1):

Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 152.8 V/m

Probe Modulation Factor = 2.64

Device Reference Point: 0.000, 0.000, 354.7 mm

Reference Value = 74.0 V/m; Power Drift = -0.011 dB

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

Peak E-field in V/m

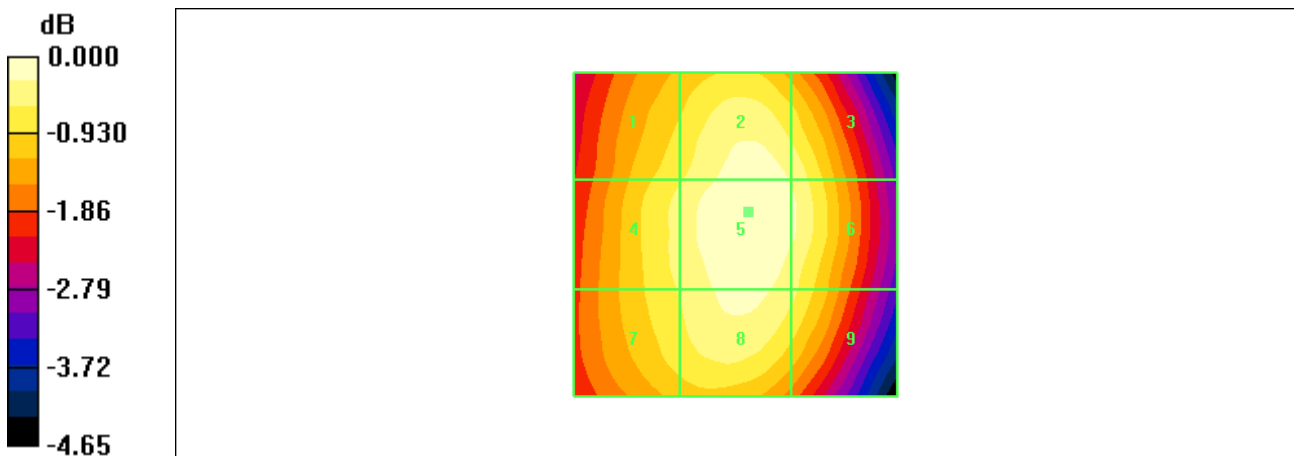
| | | |
|----------|----------|----------|
| Grid 1 | Grid 2 | Grid 3 |
| 141.8 M4 | 150.9 M3 | 147.1 M4 |
| Grid 4 | Grid 5 | Grid 6 |
| 144.5 M4 | 152.8 M3 | 148.8 M4 |
| Grid 7 | Grid 8 | Grid 9 |
| 142.9 M4 | 149.8 M3 | 144.0 M4 |

Cursor:

Total = 152.8 V/m

E Category: M3

Location: -2, -3.5, 370.9 mm



0 dB = 152.8V/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.4 °C /190

Test Date Apr.25, 2011

DUT: TXT8045; Type: Slide down; Serial: #1

Communication System: GSM 850; Frequency: 836.6 MHz;Duty Cycle: 1:8.3

Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Phantom section: E Dipole Section ; Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

DASY4 Configuration:

- Probe: ER3DV6 - SN2343; ConvF(1, 1, 1); Calibrated: 2010-05-20
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn869; Calibrated: 2010-09-21
- Phantom: HAC Test Arch; Type: SD HAC P01 BA

E Scan - ER3D - 2007: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1):

Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 175.9 V/m

Probe Modulation Factor = 2.64

Device Reference Point: 0.000, 0.000, 354.7 mm

Reference Value = 85.4 V/m; Power Drift = -0.087 dB

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

Peak E-field in V/m

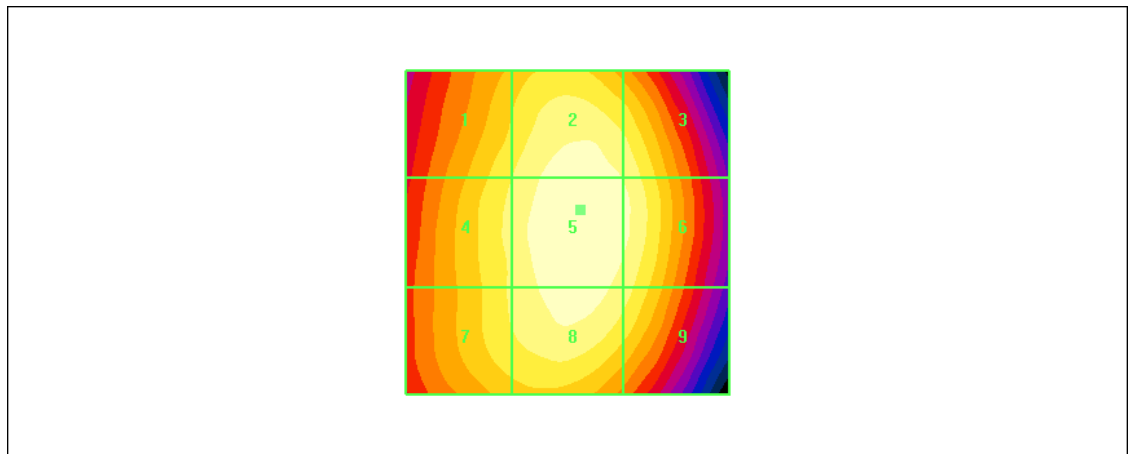
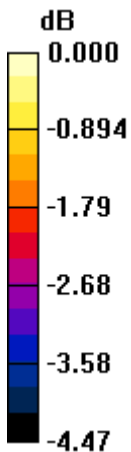
| | | |
|----------|----------|----------|
| Grid 1 | Grid 2 | Grid 3 |
| 164.4 M3 | 173.6 M3 | 169.7 M3 |
| Grid 4 | Grid 5 | Grid 6 |
| 166.6 M3 | 175.9 M3 | 171.9 M3 |
| Grid 7 | Grid 8 | Grid 9 |
| 165.4 M3 | 172.5 M3 | 167.4 M3 |

Cursor:

Total = 175.9 V/m

E Category: M3

Location: -2, -3.5, 370.9 mm



0 dB = 175.9V/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.4 °C /251

Test Date Apr.25, 2011

DUT: TXT8045; Type: Slide down; Serial: #1

Communication System: GSM 850; Frequency: 848.8 MHz; Duty Cycle: 1:8.3

Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Phantom section: E Dipole Section ; Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

DASY4 Configuration:

- Probe: ER3DV6 - SN2343; ConvF(1, 1, 1); Calibrated: 2010-05-20
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn869; Calibrated: 2010-09-21
- Phantom: HAC Test Arch; Type: SD HAC P01 BA

E Scan - ER3D - 2007: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1):

Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 173.2 V/m

Probe Modulation Factor = 2.64

Device Reference Point: 0.000, 0.000, 354.7 mm

Reference Value = 84.9 V/m; Power Drift = -0.167 dB

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

Peak E-field in V/m

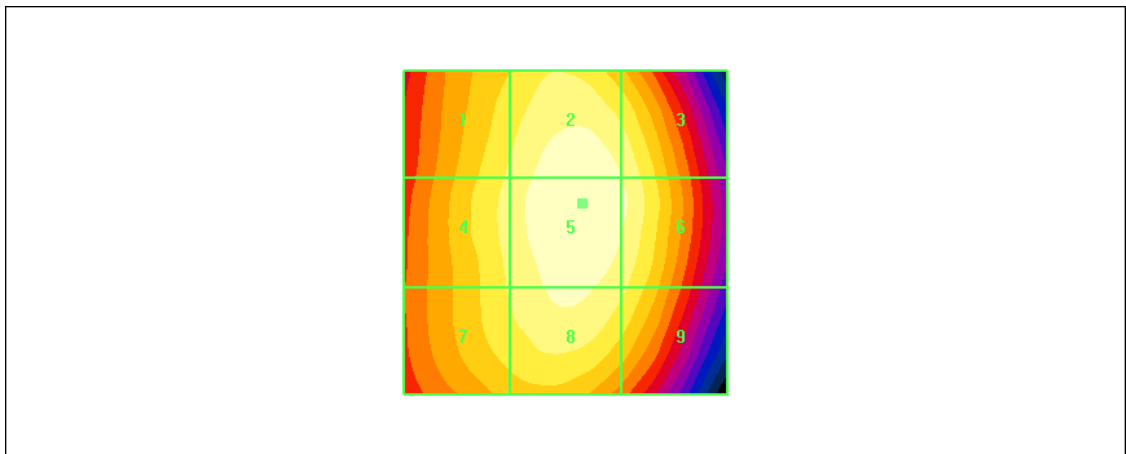
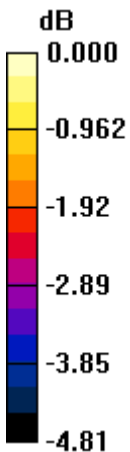
| | | |
|----------|----------|----------|
| Grid 1 | Grid 2 | Grid 3 |
| 162.3 M3 | 172.2 M3 | 167.2 M3 |
| Grid 4 | Grid 5 | Grid 6 |
| 163.8 M3 | 173.2 M3 | 168.7 M3 |
| Grid 7 | Grid 8 | Grid 9 |
| 161.6 M3 | 168.8 M3 | 162.6 M3 |

Cursor:

Total = 173.2 V/m

E Category: M3

Location: -2.5, -4.5, 370.9 mm



0 dB = 173.2V/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.4 °C /512

Test Date Apr.25, 2011

DUT: TXT8045; Type: Slide down; Serial: #1

Communication System: GSM 1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Phantom section: E Dipole Section ; Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

DASY4 Configuration:

- Probe: ER3DV6 - SN2343; ConvF(1, 1, 1); Calibrated: 2010-05-20
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn869; Calibrated: 2010-09-21
- Phantom: HAC Test Arch; Type: SD HAC P01 BA

E Scan - ER3D - 2007: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1):

Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 48.7 V/m

Probe Modulation Factor = 2.55

Device Reference Point: 0.000, 0.000, 354.7 mm

Reference Value = 8.52 V/m; Power Drift = -0.223 dB

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

Peak E-field in V/m

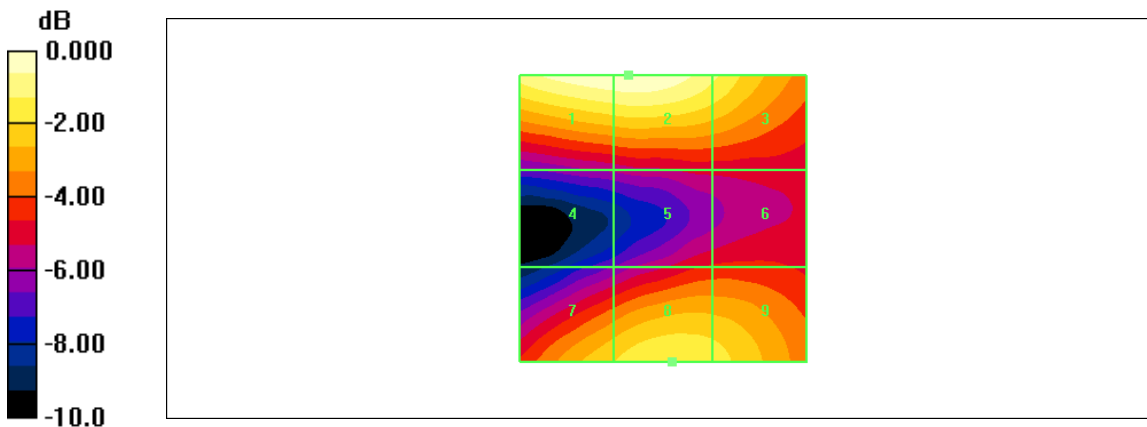
| | | |
|---------|---------|---------|
| Grid 1 | Grid 2 | Grid 3 |
| 48.5 M3 | 48.7 M3 | 42.7 M4 |
| Grid 4 | Grid 5 | Grid 6 |
| 25.1 M4 | 28.9 M4 | 29.2 M4 |
| Grid 7 | Grid 8 | Grid 9 |
| 38.6 M4 | 41.2 M4 | 40.1 M4 |

Cursor:

Total = 48.7 V/m

E Category: M3

Location: 6, -25, 370.9 mm



0 dB = 48.7V/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.4 °C /661

Test Date Apr.25, 2011

DUT: TXT8045; Type: Slide down; Serial: #1

Communication System: GSM 1900; Frequency: 1880 MHz;Duty Cycle: 1:8.3

Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Phantom section: E Dipole Section ; Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

DASY4 Configuration:

- Probe: ER3DV6 - SN2343; ConvF(1, 1, 1); Calibrated: 2010-05-20
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn869; Calibrated: 2010-09-21
- Phantom: HAC Test Arch; Type: SD HAC P01 BA

E Scan - ER3D - 2007: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1):

Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 59.5 V/m

Probe Modulation Factor = 2.55

Device Reference Point: 0.000, 0.000, 354.7 mm

Reference Value = 12.4 V/m; Power Drift = -0.074 dB

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

Peak E-field in V/m

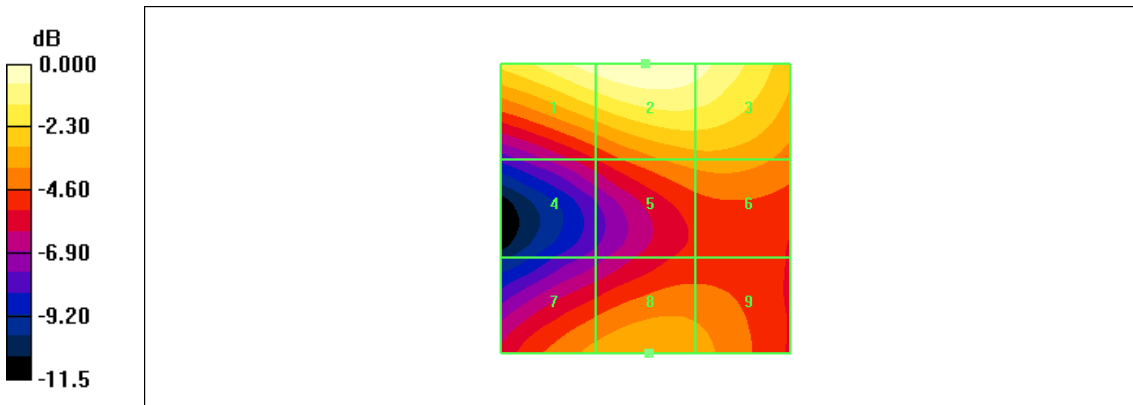
| | | |
|---------|---------|---------|
| Grid 1 | Grid 2 | Grid 3 |
| 57.1 M3 | 59.5 M3 | 56.6 M3 |
| Grid 4 | Grid 5 | Grid 6 |
| 32.2 M4 | 40.1 M4 | 40.5 M4 |
| Grid 7 | Grid 8 | Grid 9 |
| 39.5 M4 | 41.2 M4 | 39.7 M4 |

Cursor:

Total = 59.5 V/m

E Category: M3

Location: 0, -25, 370.9 mm



0 dB = 59.5V/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.4 °C /810

Test Date Apr.25, 2011

DUT: TXT8045; Type: Slide down; Serial: #1

Communication System: GSM 1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Phantom section: E Dipole Section ; Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

DASY4 Configuration:

- Probe: ER3DV6 - SN2343; ConvF(1, 1, 1); Calibrated: 2010-05-20

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn869; Calibrated: 2010-09-21

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

E Scan - ER3D - 2007: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1):

Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 62.3 V/m

Probe Modulation Factor = 2.55

Device Reference Point: 0.000, 0.000, 354.7 mm

Reference Value = 13.2 V/m; Power Drift = 0.005 dB

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

Peak E-field in V/m

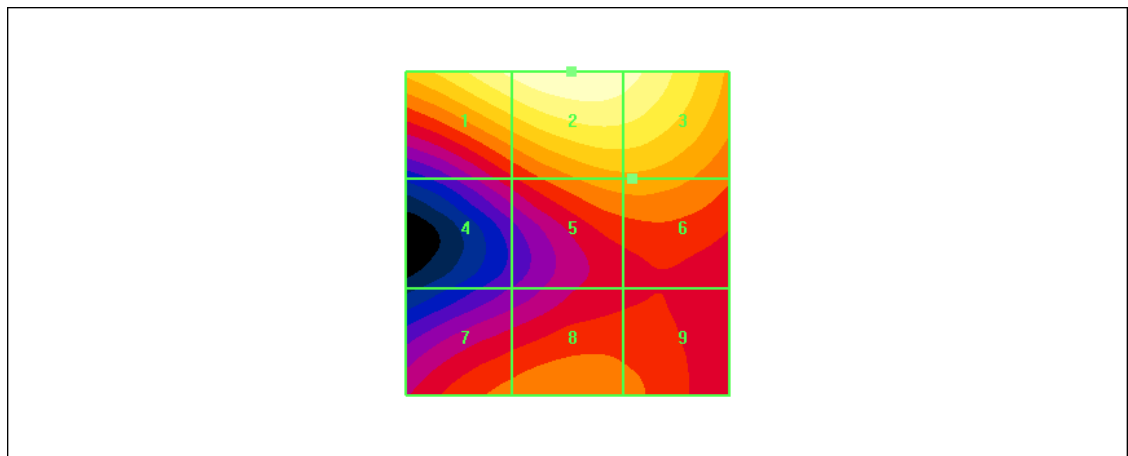
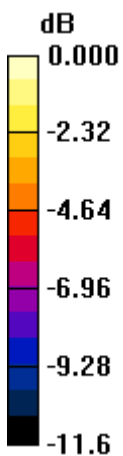
| | | |
|---------|---------|---------|
| Grid 1 | Grid 2 | Grid 3 |
| 58.4 M3 | 62.3 M3 | 59.5 M3 |
| Grid 4 | Grid 5 | Grid 6 |
| 32.9 M4 | 42.5 M4 | 42.6 M4 |
| Grid 7 | Grid 8 | Grid 9 |
| 38.0 M4 | 39.1 M4 | 37.9 M4 |

Cursor:

Total = 62.3 V/m

E Category: M3

Location: -0.5, -25, 370.9 mm



0 dB = 62.3V/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.4 °C /128

Test Date Apr.25, 2011

DUT: TXT8045; Type: Slide down; Serial: #1

Communication System: GSM 850; Frequency: 824.2 MHz; Duty Cycle: 1:8.3

Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³

Phantom section: E Dipole Section ; Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

DASY4 Configuration:

- Probe: H3DV6 - SN6101; ; Calibrated: 2010-05-27
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn869; Calibrated: 2010-09-21
- Phantom: HAC Test Arch; Type: SD HAC P01 BA

H Scan - H3DV6 - 2007: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1):

Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.219 A/m

Probe Modulation Factor = 2.11

Device Reference Point: 0.000, 0.000, 354.7 mm

Reference Value = 0.059 A/m; Power Drift = -0.107 dB

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

Peak H-field in A/m

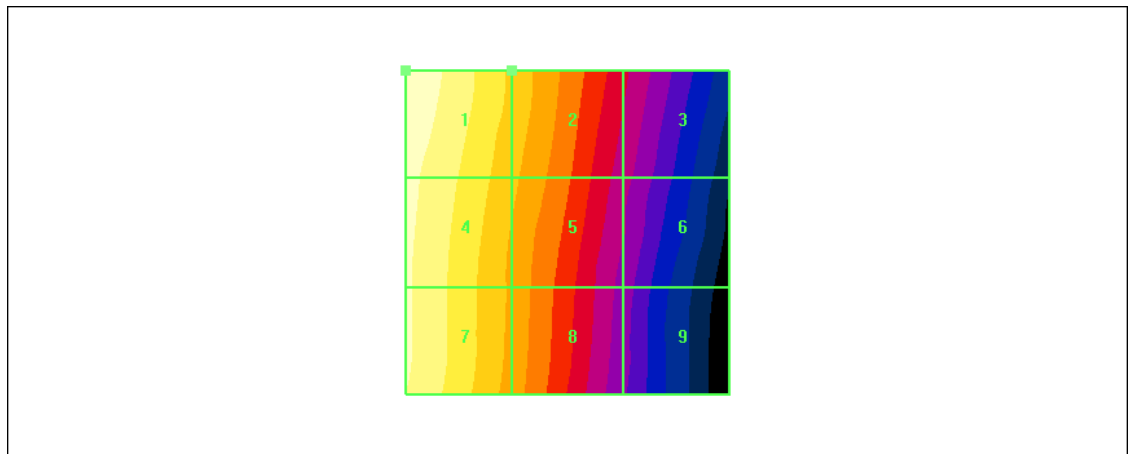
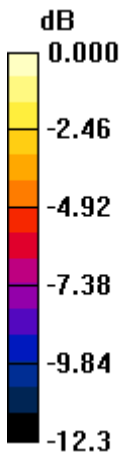
| | | |
|----------|----------|----------|
| Grid 1 | Grid 2 | Grid 3 |
| 0.219 M4 | 0.162 M4 | 0.106 M4 |
| Grid 4 | Grid 5 | Grid 6 |
| 0.206 M4 | 0.154 M4 | 0.098 M4 |
| Grid 7 | Grid 8 | Grid 9 |
| 0.203 M4 | 0.147 M4 | 0.090 M4 |

Cursor:

Total = 0.219 A/m

H Category: M4

Location: 25, -25, 370.9 mm



0 dB = 0.219A/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.4 °C /190

Test Date Apr.25, 2011

DUT: TXT8045; Type: Slide down; Serial: #1

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:8.3

Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³

Phantom section: E Dipole Section ; Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

DASY4 Configuration:

- Probe: H3DV6 - SN6101; ; Calibrated: 2010-05-27
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn869; Calibrated: 2010-09-21
- Phantom: HAC Test Arch; Type: SD HAC P01 BA

H Scan - H3DV6 - 2007: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1):

Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.234 A/m

Probe Modulation Factor = 2.11

Device Reference Point: 0.000, 0.000, 354.7 mm

Reference Value = 0.061 A/m; Power Drift = -0.174 dB

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

Peak H-field in A/m

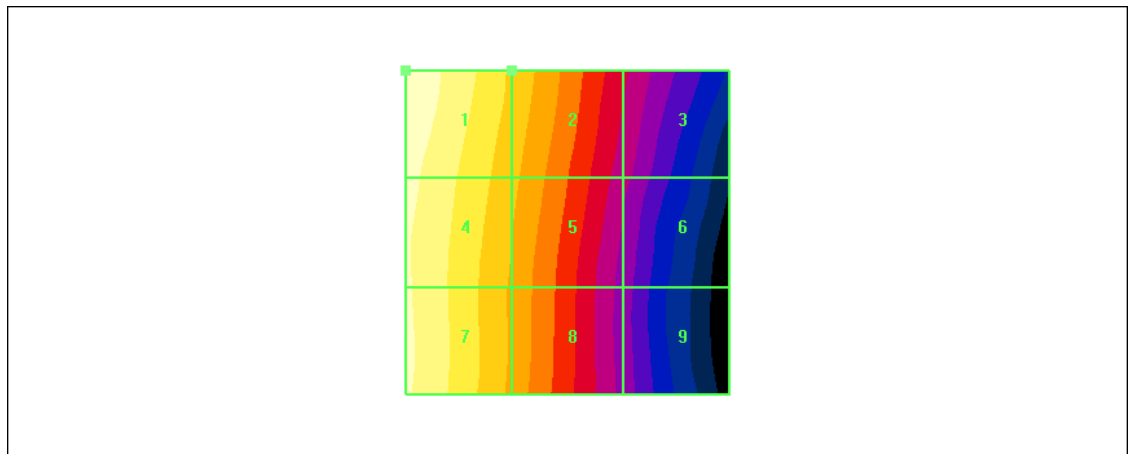
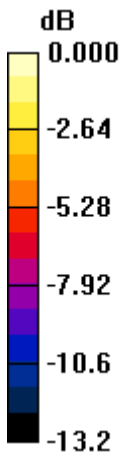
| | | |
|----------|----------|----------|
| Grid 1 | Grid 2 | Grid 3 |
| 0.234 M4 | 0.169 M4 | 0.107 M4 |
| Grid 4 | Grid 5 | Grid 6 |
| 0.220 M4 | 0.160 M4 | 0.098 M4 |
| Grid 7 | Grid 8 | Grid 9 |
| 0.217 M4 | 0.153 M4 | 0.091 M4 |

Cursor:

Total = 0.234 A/m

H Category: M4

Location: 25, -25, 370.9 mm



0 dB = 0.234A/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.4 °C /251

Test Date Apr.25, 2011

DUT: TXT8045; Type: Slide down; Serial: #1

Communication System: GSM 850; Frequency: 848.8 MHz; Duty Cycle: 1:8.3

Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³

Phantom section: E Dipole Section ; Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

DASY4 Configuration:

- Probe: H3DV6 - SN6101; ; Calibrated: 2010-05-27
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn869; Calibrated: 2010-09-21
- Phantom: HAC Test Arch; Type: SD HAC P01 BA

H Scan - H3DV6 - 2007: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1):

Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.254 A/m

Probe Modulation Factor = 2.11

Device Reference Point: 0.000, 0.000, 354.7 mm

Reference Value = 0.065 A/m; Power Drift = -0.205 dB

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

Peak H-field in A/m

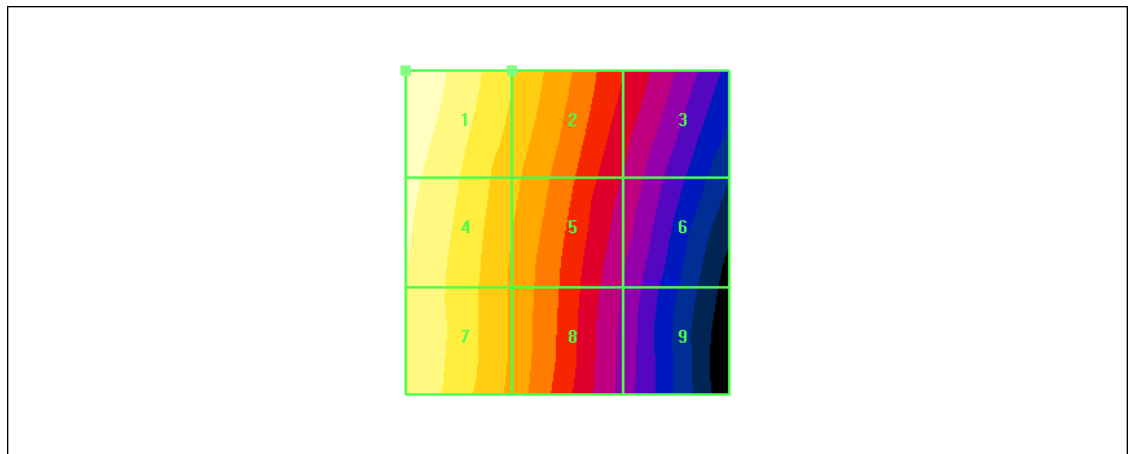
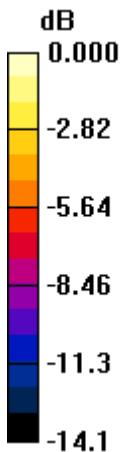
| | | |
|----------|----------|----------|
| Grid 1 | Grid 2 | Grid 3 |
| 0.254 M4 | 0.184 M4 | 0.120 M4 |
| Grid 4 | Grid 5 | Grid 6 |
| 0.237 M4 | 0.170 M4 | 0.107 M4 |
| Grid 7 | Grid 8 | Grid 9 |
| 0.229 M4 | 0.162 M4 | 0.096 M4 |

Cursor:

Total = 0.254 A/m

H Category: M4

Location: 25, -25, 370.9 mm



0 dB = 0.254A/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.4 °C /512

Test Date Apr.25, 2011

DUT: TXT8045; Type: Slide down; Serial: #1

Communication System: GSM 1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³

Phantom section: E Dipole Section ; Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

DASY4 Configuration:

- Probe: H3DV6 - SN6101; ; Calibrated: 2010-05-27
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn869; Calibrated: 2010-09-21
- Phantom: HAC Test Arch; Type: SD HAC P01 BA

H Scan - H3DV6 - 2007: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1):

Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.120 A/m

Probe Modulation Factor = 2.29

Device Reference Point: 0.000, 0.000, 354.7 mm

Reference Value = 0.057 A/m; Power Drift = -0.122 dB

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

Peak H-field in A/m

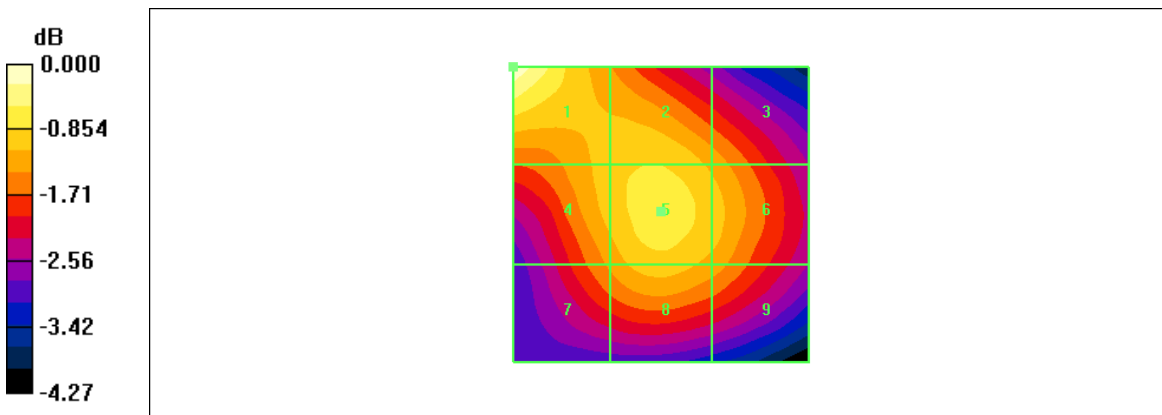
| | | |
|----------|----------|----------|
| Grid 1 | Grid 2 | Grid 3 |
| 0.120 M4 | 0.109 M4 | 0.104 M4 |
| Grid 4 | Grid 5 | Grid 6 |
| 0.107 M4 | 0.111 M4 | 0.107 M4 |
| Grid 7 | Grid 8 | Grid 9 |
| 0.103 M4 | 0.107 M4 | 0.104 M4 |

Cursor:

Total = 0.120 A/m

H Category: M4

Location: 25, -25, 370.9 mm



0 dB = 0.120A/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.4 °C /661

Test Date Apr.25, 2011

DUT: TXT8045; Type: Slide down; Serial: #1

Communication System: GSM 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³

Phantom section: E Dipole Section ; Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

DASY4 Configuration:

- Probe: H3DV6 - SN6101; ; Calibrated: 2010-05-27
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn869; Calibrated: 2010-09-21
- Phantom: HAC Test Arch; Type: SD HAC P01 BA

H Scan - H3DV6 - 2007: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1):

Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.157 A/m

Probe Modulation Factor = 2.29

Device Reference Point: 0.000, 0.000, 354.7 mm

Reference Value = 0.059 A/m; Power Drift = -0.004 dB

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

Peak H-field in A/m

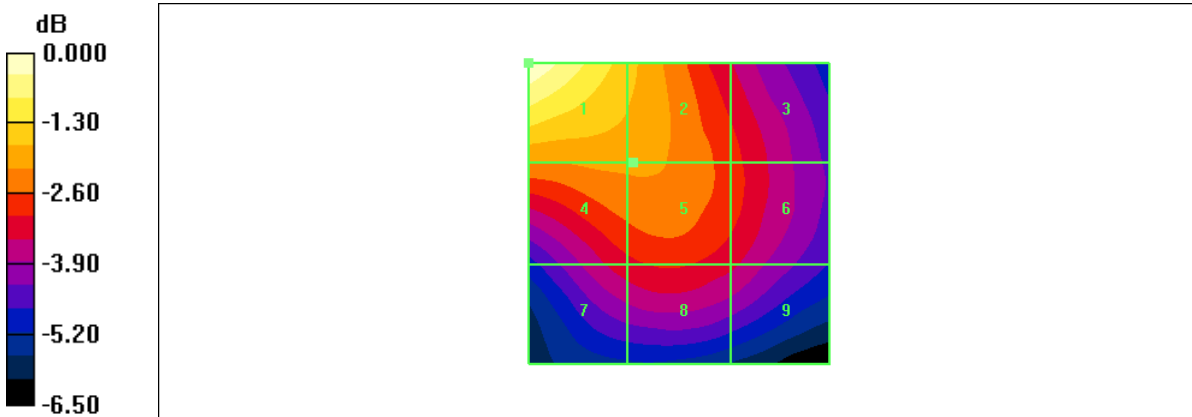
| | | |
|----------|----------|----------|
| Grid 1 | Grid 2 | Grid 3 |
| 0.157 M3 | 0.131 M4 | 0.113 M4 |
| Grid 4 | Grid 5 | Grid 6 |
| 0.124 M4 | 0.124 M4 | 0.114 M4 |
| Grid 7 | Grid 8 | Grid 9 |
| 0.109 M4 | 0.112 M4 | 0.107 M4 |

Cursor:

Total = 0.157 A/m

H Category: M3

Location: 25, -25, 370.9 mm



0 dB = 0.157A/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.4 °C /810

Test Date Apr.25, 2011

DUT: TXT8045; Type: Slide down; Serial: #1

Communication System: GSM 1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³

Phantom section: E Dipole Section ; Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

DASY4 Configuration:

- Probe: H3DV6 - SN6101; ; Calibrated: 2010-05-27

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn869; Calibrated: 2010-09-21

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

H Scan - H3DV6 - 2007: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1):

Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.191 A/m

Probe Modulation Factor = 2.29

Device Reference Point: 0.000, 0.000, 354.7 mm

Reference Value = 0.067 A/m; Power Drift = 0.066 dB

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

Peak H-field in A/m

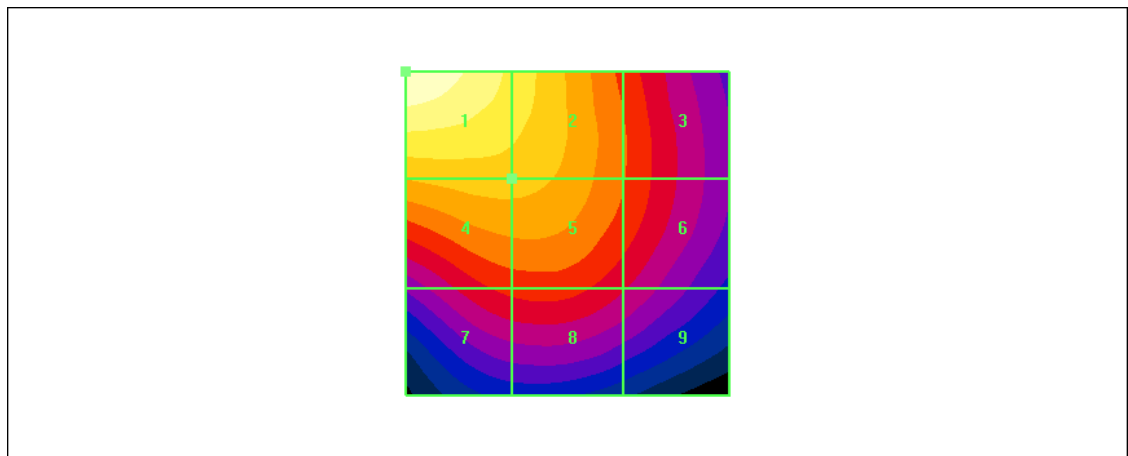
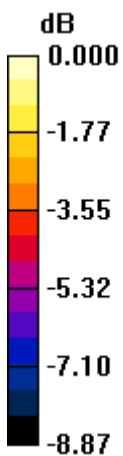
| | | |
|----------|----------|----------|
| Grid 1 | Grid 2 | Grid 3 |
| 0.191 M3 | 0.164 M3 | 0.128 M4 |
| Grid 4 | Grid 5 | Grid 6 |
| 0.150 M3 | 0.150 M3 | 0.128 M4 |
| Grid 7 | Grid 8 | Grid 9 |
| 0.122 M4 | 0.123 M4 | 0.112 M4 |

Cursor:

Total = 0.191 A/m

H Category: M3

Location: 25, -25, 370.9 mm



0 dB = 0.191A/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.4 °C /1013

Test Date Apr.25, 2011

DUT: TXT8045; Type: Slide up; Serial: #1

Communication System: CDMA 835MHz FCC; Frequency: 824.7 MHz;Duty Cycle: 1:1

Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Phantom section: E Dipole Section ; Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

DASY4 Configuration:

- Probe: ER3DV6 - SN2343; ConvF(1, 1, 1); Calibrated: 2010-05-20
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn869; Calibrated: 2010-09-21
- Phantom: HAC Test Arch; Type: SD HAC P01 BA

E Scan - ER3D - 2007: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1):

Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 57.4 V/m

Probe Modulation Factor = 0.963

Device Reference Point: 0.000, 0.000, 354.7 mm

Reference Value = 75.8 V/m; Power Drift = -0.006 dB

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

Peak E-field in V/m

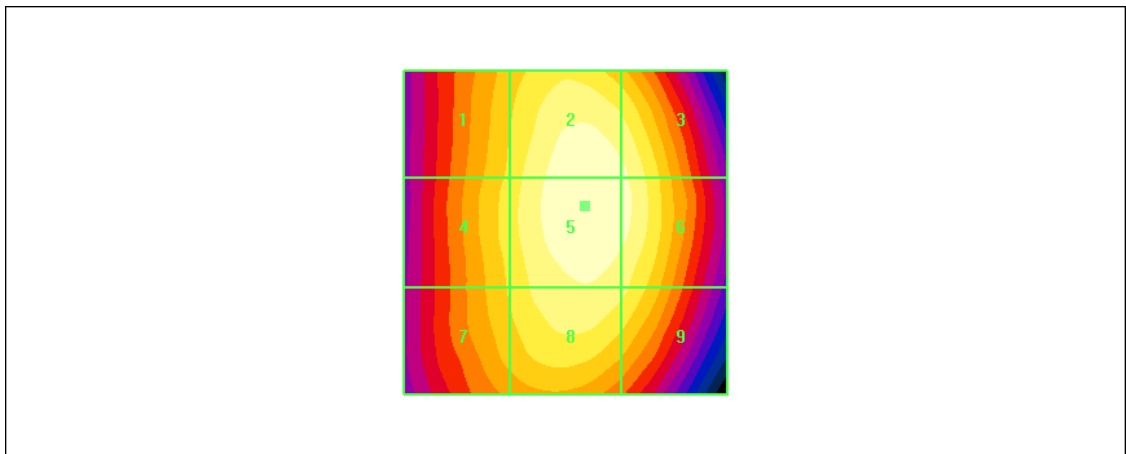
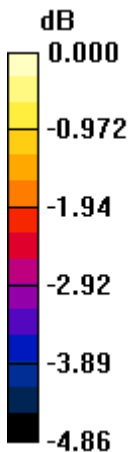
| | | |
|---------|---------|---------|
| Grid 1 | Grid 2 | Grid 3 |
| 52.0 M4 | 57.0 M4 | 55.9 M4 |
| Grid 4 | Grid 5 | Grid 6 |
| 52.6 M4 | 57.4 M4 | 56.3 M4 |
| Grid 7 | Grid 8 | Grid 9 |
| 51.7 M4 | 55.2 M4 | 53.9 M4 |

Cursor:

Total = 57.4 V/m

E Category: M4

Location: -3, -4, 370.9 mm



0 dB = 57.4V/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.4 °C /384

Test Date Apr.25, 2011

DUT: TXT8045; Type: Slide up; Serial: #1

Communication System: CDMA 835MHz FCC; Frequency: 836.52 MHz;Duty Cycle: 1:1

Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Phantom section: E Dipole Section ; Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

DASY4 Configuration:

- Probe: ER3DV6 - SN2343; ConvF(1, 1, 1); Calibrated: 2010-05-20
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn869; Calibrated: 2010-09-21
- Phantom: HAC Test Arch; Type: SD HAC P01 BA

E Scan - ER3D - 2007: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1):

Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 61.6 V/m

Probe Modulation Factor = 0.963

Device Reference Point: 0.000, 0.000, 354.7 mm

Reference Value = 80.9 V/m; Power Drift = 0.051 dB

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

Peak E-field in V/m

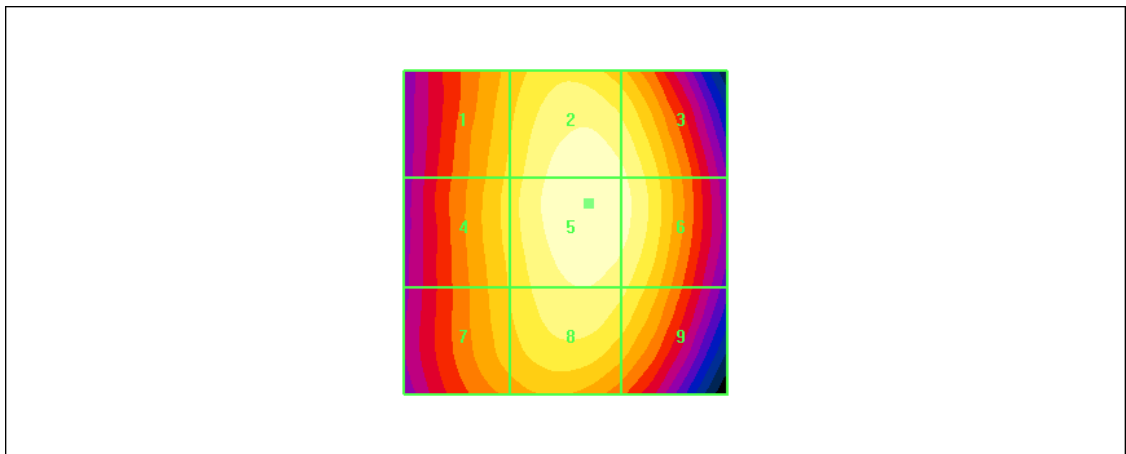
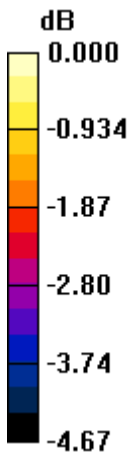
| | | |
|---------|---------|---------|
| Grid 1 | Grid 2 | Grid 3 |
| 56.0 M4 | 61.1 M4 | 60.0 M4 |
| Grid 4 | Grid 5 | Grid 6 |
| 56.4 M4 | 61.6 M4 | 60.5 M4 |
| Grid 7 | Grid 8 | Grid 9 |
| 55.6 M4 | 59.4 M4 | 58.0 M4 |

Cursor:

Total = 61.6 V/m

E Category: M4

Location: -3.5, -4.5, 370.9 mm



0 dB = 61.6V/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.4 °C /777

Test Date Apr.25, 2011

DUT: TXT8045; Type: Slide up; Serial: #1

Communication System: CDMA 835MHz FCC; Frequency: 848.31 MHz;Duty Cycle: 1:1
 Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³
 Phantom section: E Dipole Section ; Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

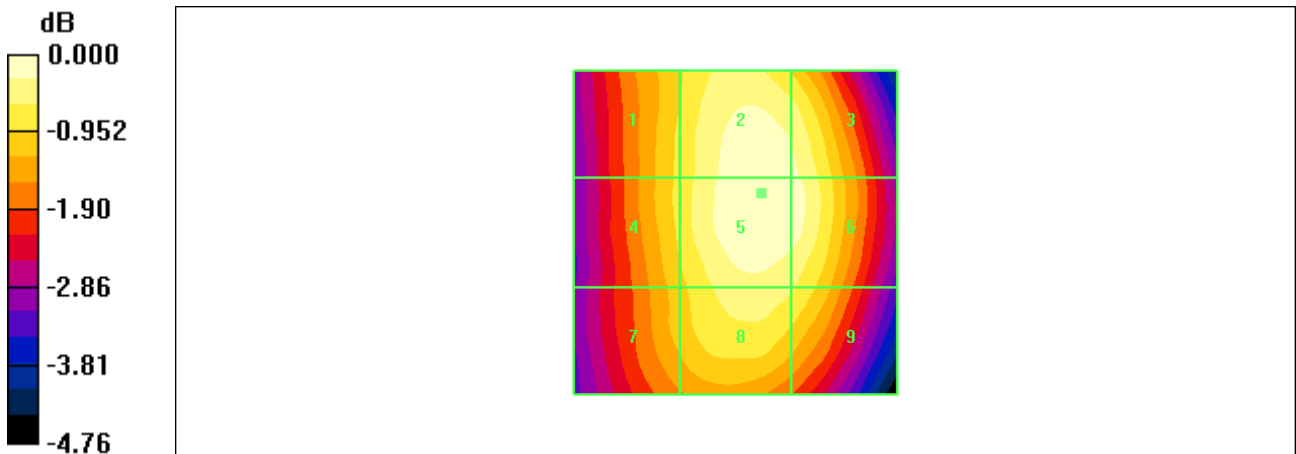
DASY4 Configuration:
 - Probe: ER3DV6 - SN2343; ConvF(1, 1, 1); Calibrated: 2010-05-20
 - Sensor-Surface: (Fix Surface)
 - Electronics: DAE4 Sn869; Calibrated: 2010-09-21
 - Phantom: HAC Test Arch; Type: SD HAC P01 BA

E Scan - ER3D - 2007: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1):
 Measurement grid: dx=5mm, dy=5mm
 Maximum value of peak Total field = 58.3 V/m
 Probe Modulation Factor = 0.963
 Device Reference Point: 0.000, 0.000, 354.7 mm
 Reference Value = 76.9 V/m; Power Drift = -0.081 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

| | | |
|---------|---------|---------|
| Grid 1 | Grid 2 | Grid 3 |
| 53.0 M4 | 58.3 M4 | 57.1 M4 |
| Grid 4 | Grid 5 | Grid 6 |
| 53.1 M4 | 58.3 M4 | 57.6 M4 |
| Grid 7 | Grid 8 | Grid 9 |
| 51.7 M4 | 55.6 M4 | 54.5 M4 |

Cursor:
 Total = 58.3 V/m
 E Category: M4
 Location: -4, -6, 370.9 mm



0 dB = 58.3V/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.4 °C /25

Test Date Apr.25, 2011

DUT: TXT8045; Type: Slide up; Serial: #1

Communication System: PCS 1900MHz FCC; Frequency: 1851.25 MHz;Duty Cycle: 1:1
 Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³
 Phantom section: E Dipole Section ; Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

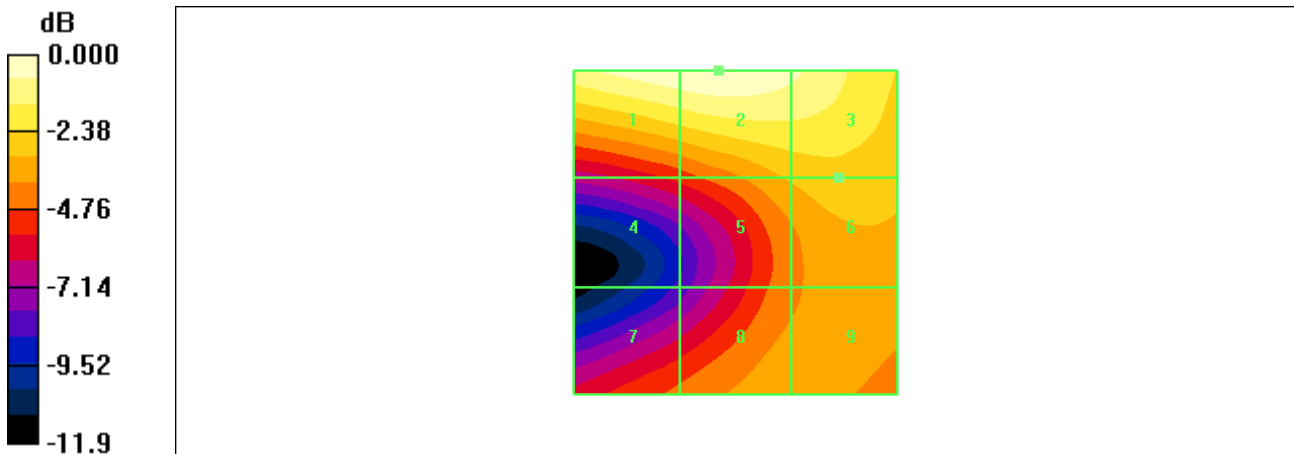
DASY4 Configuration:
 - Probe: ER3DV6 - SN2343; ConvF(1, 1, 1); Calibrated: 2010-05-20
 - Sensor-Surface: (Fix Surface)
 - Electronics: DAE4 Sn869; Calibrated: 2010-09-21
 - Phantom: HAC Test Arch; Type: SD HAC P01 BA

E Scan - ER3D - 2007: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1):
 Measurement grid: dx=5mm, dy=5mm
 Maximum value of peak Total field = 30.1 V/m
 Probe Modulation Factor = 0.953
 Device Reference Point: 0.000, 0.000, 354.7 mm
 Reference Value = 18.2 V/m; Power Drift = -0.006 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

| | | |
|---------|---------|---------|
| Grid 1 | Grid 2 | Grid 3 |
| 29.7 M4 | 30.1 M4 | 28.1 M4 |
| Grid 4 | Grid 5 | Grid 6 |
| 16.6 M4 | 21.2 M4 | 22.2 M4 |
| Grid 7 | Grid 8 | Grid 9 |
| 17.9 M4 | 19.9 M4 | 20.0 M4 |

Cursor:
 Total = 30.1 V/m
 E Category: M4
 Location: 2.5, -25, 370.9 mm



0 dB = 30.1V/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.4 °C /600

Test Date Apr.25, 2011

DUT: TXT8045; Type: Slide up; Serial: #1

Communication System: PCS 1900MHz FCC; Frequency: 1880 MHz;Duty Cycle: 1:1

Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Phantom section: E Dipole Section ; Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

DASY4 Configuration:

- Probe: ER3DV6 - SN2343; ConvF(1, 1, 1); Calibrated: 2010-05-20
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn869; Calibrated: 2010-09-21
- Phantom: HAC Test Arch; Type: SD HAC P01 BA

E Scan - ER3D - 2007: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1):

Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 34.1 V/m

Probe Modulation Factor = 0.953

Device Reference Point: 0.000, 0.000, 354.7 mm

Reference Value = 27.1 V/m; Power Drift = 0.059 dB

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

Peak E-field in V/m

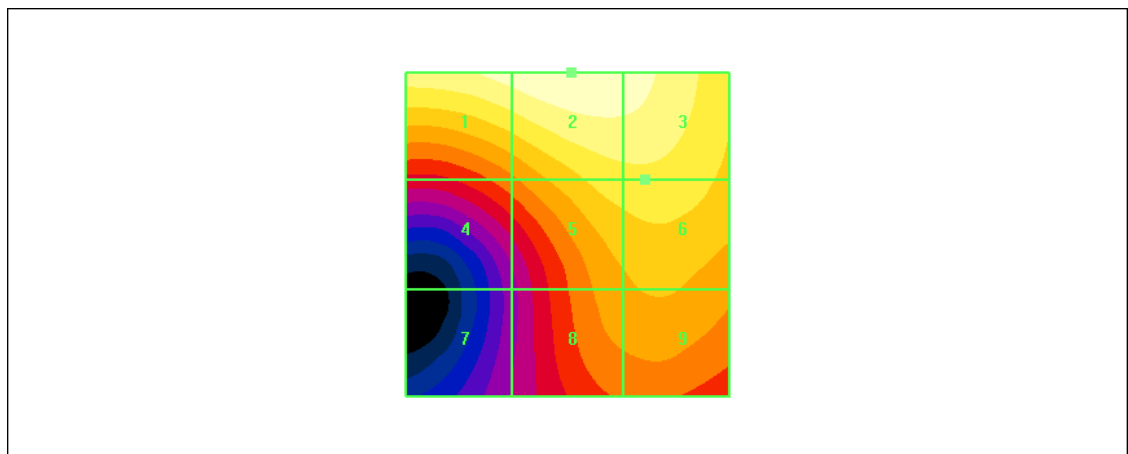
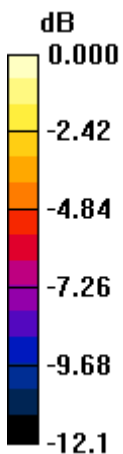
| | | |
|---------|---------|---------|
| Grid 1 | Grid 2 | Grid 3 |
| 32.6 M4 | 34.1 M4 | 33.0 M4 |
| Grid 4 | Grid 5 | Grid 6 |
| 21.0 M4 | 27.4 M4 | 27.6 M4 |
| Grid 7 | Grid 8 | Grid 9 |
| 15.0 M4 | 23.1 M4 | 23.8 M4 |

Cursor:

Total = 34.1 V/m

E Category: M4

Location: -0.5, -25, 370.9 mm



0 dB = 34.1V/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.4 °C /1175

Test Date Apr.25, 2011

DUT: TXT8045; Type: Slide up; Serial: #1

Communication System: PCS 1900MHz FCC; Frequency: 1908.75 MHz;Duty Cycle: 1:1
 Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³
 Phantom section: E Dipole Section ; Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

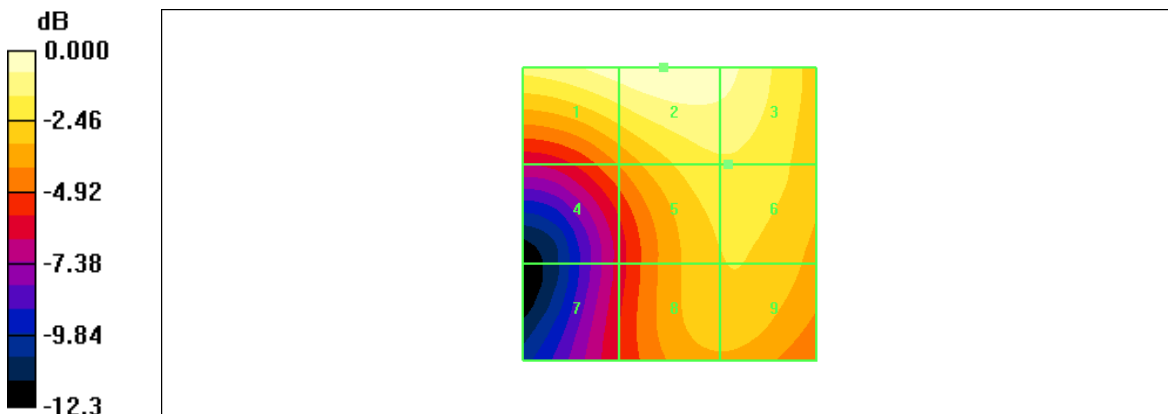
DASY4 Configuration:
 - Probe: ER3DV6 - SN2343; ConvF(1, 1, 1); Calibrated: 2010-05-20
 - Sensor-Surface: (Fix Surface)
 - Electronics: DAE4 Sn869; Calibrated: 2010-09-21
 - Phantom: HAC Test Arch; Type: SD HAC P01 BA

E Scan - ER3D - 2007: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1):
 Measurement grid: dx=5mm, dy=5mm
 Maximum value of peak Total field = 35.4 V/m
 Probe Modulation Factor = 0.953
 Device Reference Point: 0.000, 0.000, 354.7 mm
 Reference Value = 30.5 V/m; Power Drift = 0.010 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

| | | |
|----------------|----------------|----------------|
| Grid 1 | Grid 2 | Grid 3 |
| 34.1 M4 | 35.4 M4 | 33.7 M4 |
| Grid 4 | Grid 5 | Grid 6 |
| 22.3 M4 | 28.9 M4 | 28.9 M4 |
| Grid 7 | Grid 8 | Grid 9 |
| 18.4 M4 | 26.5 M4 | 26.8 M4 |

Cursor:
 Total = 35.4 V/m
 E Category: M4
 Location: 1, -25, 370.9 mm



0 dB = 35.4V/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.4 °C /1013

Test Date Apr.25, 2011

DUT: TXT8045; Type: Slide up; Serial: #1

Communication System: CDMA 835MHz FCC; Frequency: 824.7 MHz;Duty Cycle: 1:1
 Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³
 Phantom section: E Dipole Section ; Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

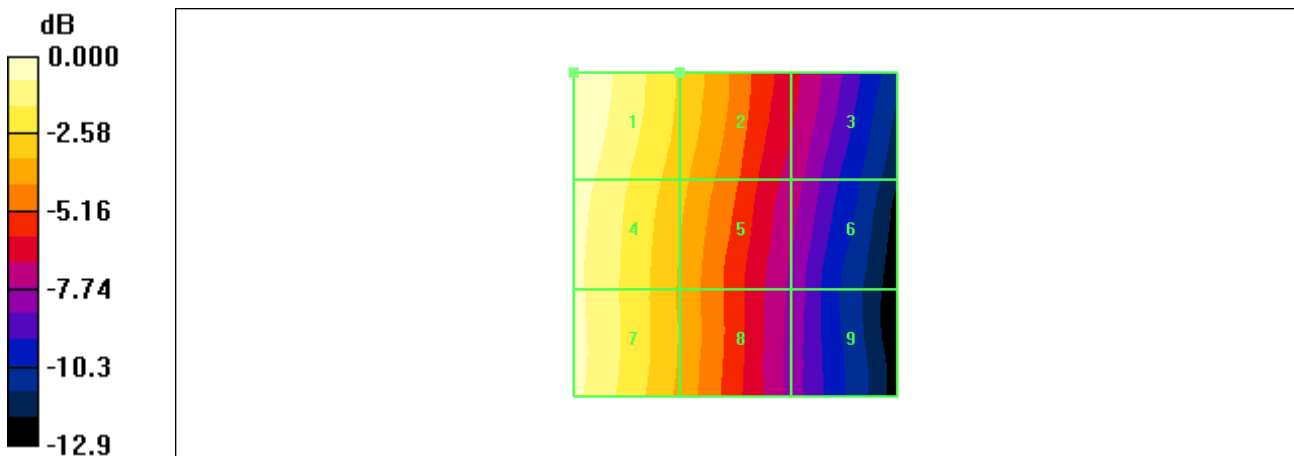
DASY4 Configuration:
 - Probe: H3DV6 - SN6101; ; Calibrated: 2010-05-27
 - Sensor-Surface: (Fix Surface)
 - Electronics: DAE4 Sn869; Calibrated: 2010-09-21
 - Phantom: HAC Test Arch; Type: SD HAC P01 BA

H Scan - H3DV6 - 2007: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1):
 Measurement grid: dx=5mm, dy=5mm
 Maximum value of peak Total field = 0.102 A/m
 Probe Modulation Factor = 0.868
 Device Reference Point: 0.000, 0.000, 354.7 mm
 Reference Value = 0.063 A/m; Power Drift = -0.102 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

| | | |
|----------|----------|----------|
| Grid 1 | Grid 2 | Grid 3 |
| 0.102 M4 | 0.075 M4 | 0.048 M4 |
| Grid 4 | Grid 5 | Grid 6 |
| 0.097 M4 | 0.071 M4 | 0.045 M4 |
| Grid 7 | Grid 8 | Grid 9 |
| 0.096 M4 | 0.068 M4 | 0.041 M4 |

Cursor:
 Total = 0.102 A/m
 H Category: M4
 Location: 25, -25, 370.9 mm



0 dB = 0.102A/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.4 °C /384

Test Date Apr.25, 2011

DUT: TXT8045; Type: Slide up; Serial: #1

Communication System: CDMA 835MHz FCC; Frequency: 836.52 MHz;Duty Cycle: 1:1

Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³

Phantom section: E Dipole Section ; Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

DASY4 Configuration:

- Probe: H3DV6 - SN6101; ; Calibrated: 2010-05-27
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn869; Calibrated: 2010-09-21
- Phantom: HAC Test Arch; Type: SD HAC P01 BA

H Scan - H3DV6 - 2007: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1):

Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.101 A/m

Probe Modulation Factor = 0.868

Device Reference Point: 0.000, 0.000, 354.7 mm

Reference Value = 0.060 A/m; Power Drift = -0.125 dB

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

Peak H-field in A/m

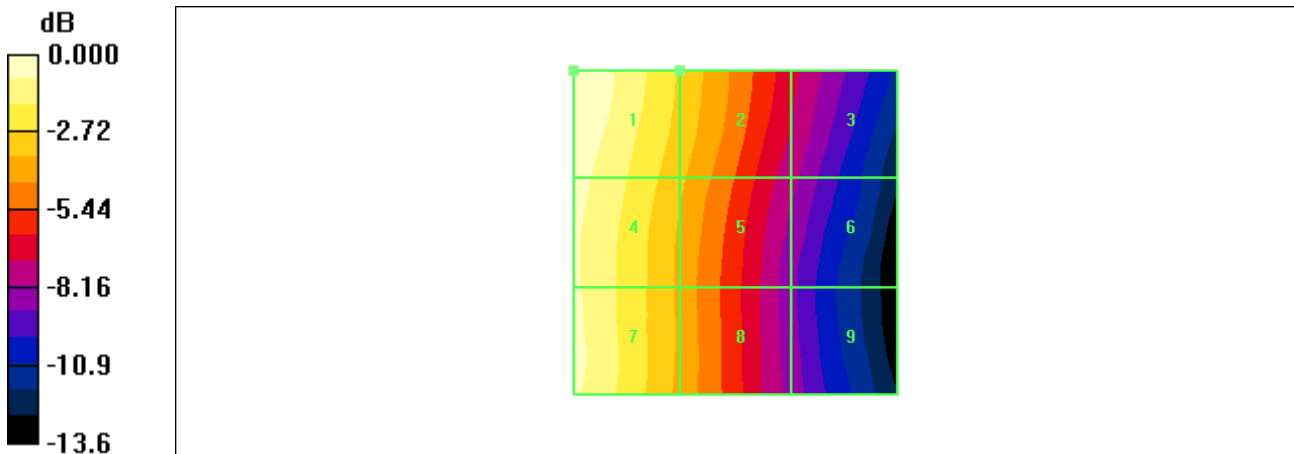
| | | |
|----------|----------|----------|
| Grid 1 | Grid 2 | Grid 3 |
| 0.101 M4 | 0.073 M4 | 0.046 M4 |
| Grid 4 | Grid 5 | Grid 6 |
| 0.095 M4 | 0.068 M4 | 0.041 M4 |
| Grid 7 | Grid 8 | Grid 9 |
| 0.094 M4 | 0.065 M4 | 0.038 M4 |

Cursor:

Total = 0.101 A/m

H Category: M4

Location: 25, -25, 370.9 mm



0 dB = 0.101A/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.4 °C /777

Test Date Apr.25, 2011

DUT: TXT8045; Type: Slide up; Serial: #1

Communication System: CDMA 835MHz FCC; Frequency: 848.31 MHz;Duty Cycle: 1:1

Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³

Phantom section: E Dipole Section ; Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

DASY4 Configuration:

- Probe: H3DV6 - SN6101; ; Calibrated: 2010-05-27
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn869; Calibrated: 2010-09-21
- Phantom: HAC Test Arch; Type: SD HAC P01 BA

H Scan - H3DV6 - 2007: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1):

Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.103 A/m

Probe Modulation Factor = 0.868

Device Reference Point: 0.000, 0.000, 354.7 mm

Reference Value = 0.059 A/m; Power Drift = 0.039 dB

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

Peak H-field in A/m

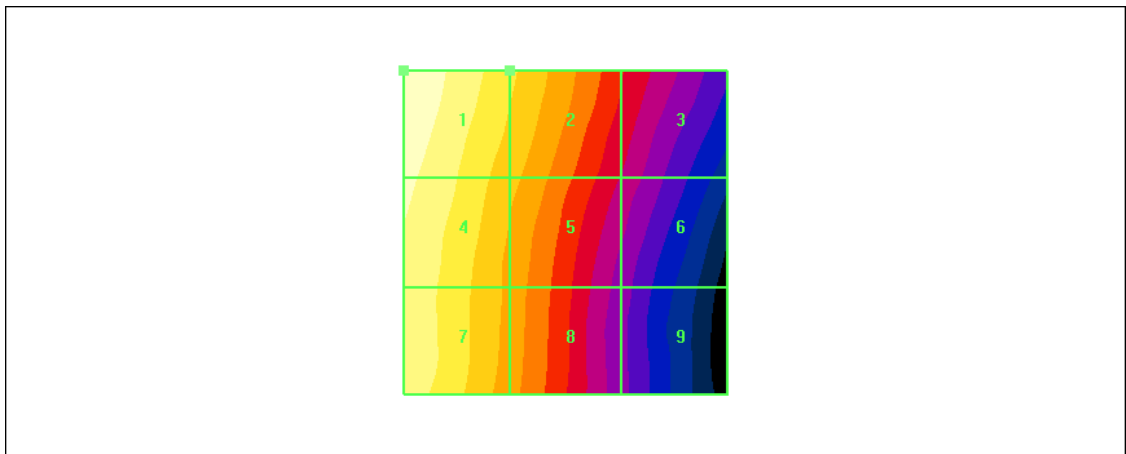
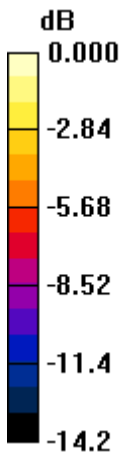
| | | |
|----------|----------|----------|
| Grid 1 | Grid 2 | Grid 3 |
| 0.103 M4 | 0.076 M4 | 0.049 M4 |
| Grid 4 | Grid 5 | Grid 6 |
| 0.095 M4 | 0.069 M4 | 0.043 M4 |
| Grid 7 | Grid 8 | Grid 9 |
| 0.091 M4 | 0.064 M4 | 0.037 M4 |

Cursor:

Total = 0.103 A/m

H Category: M4

Location: 25, -25, 370.9 mm



0 dB = 0.103A/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.4 °C /25

Test Date Apr.25, 2011

DUT: TXT8045; Type: Slide up; Serial: #1

Communication System: PCS 1900MHz FCC; Frequency: 1851.25 MHz;Duty Cycle: 1:1
 Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³
 Phantom section: E Dipole Section ; Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

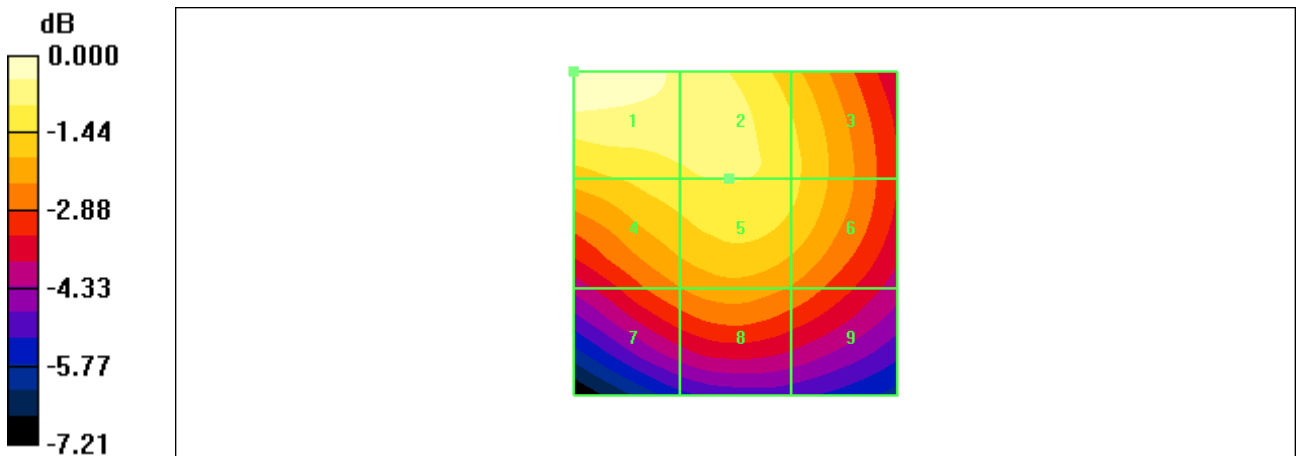
DASY4 Configuration:
 - Probe: H3DV6 - SN6101; ; Calibrated: 2010-05-27
 - Sensor-Surface: (Fix Surface)
 - Electronics: DAE4 Sn869; Calibrated: 2010-09-21
 - Phantom: HAC Test Arch; Type: SD HAC P01 BA

H Scan - H3DV6 - 2007: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1):
 Measurement grid: dx=5mm, dy=5mm
 Maximum value of peak Total field = 0.078 A/m
 Probe Modulation Factor = 0.784
 Device Reference Point: 0.000, 0.000, 354.7 mm
 Reference Value = 0.094 A/m; Power Drift = 0.006 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

| | | |
|----------|----------|----------|
| Grid 1 | Grid 2 | Grid 3 |
| 0.078 M4 | 0.073 M4 | 0.067 M4 |
| Grid 4 | Grid 5 | Grid 6 |
| 0.069 M4 | 0.070 M4 | 0.067 M4 |
| Grid 7 | Grid 8 | Grid 9 |
| 0.059 M4 | 0.061 M4 | 0.059 M4 |

Cursor:
 Total = 0.078 A/m
 H Category: M4
 Location: 25, -25, 370.9 mm



0 dB = 0.078A/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.4 °C /600

Test Date Apr.25, 2011

DUT: TXT8045; Type: Slide up; Serial: #1

Communication System: PCS 1900MHz FCC; Frequency: 1880 MHz;Duty Cycle: 1:1

Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³

Phantom section: E Dipole Section ; Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

DASY4 Configuration:

- Probe: H3DV6 - SN6101; ; Calibrated: 2010-05-27

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn869; Calibrated: 2010-09-21

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

H Scan - H3DV6 - 2007: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1):

Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.089 A/m

Probe Modulation Factor = 0.784

Device Reference Point: 0.000, 0.000, 354.7 mm

Reference Value = 0.095 A/m; Power Drift = -0.075 dB

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

Peak H-field in A/m

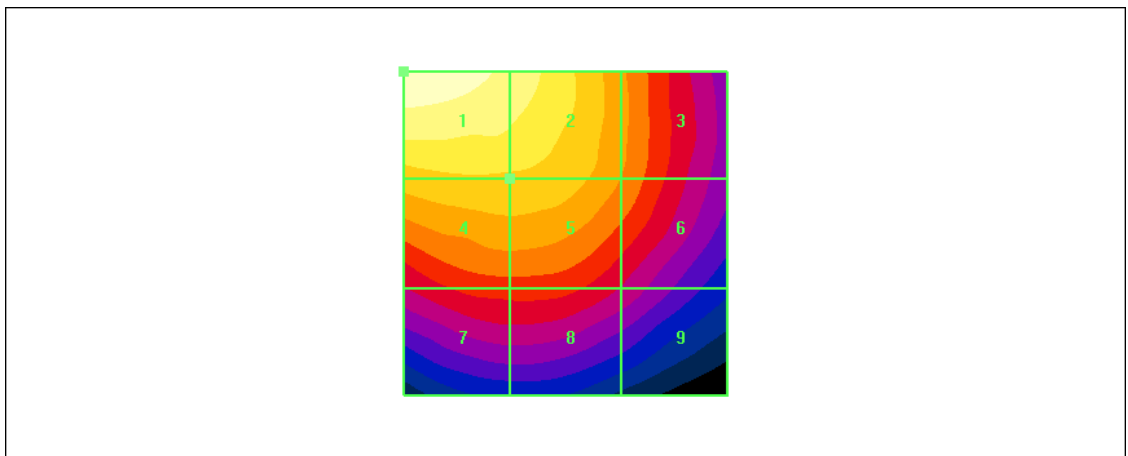
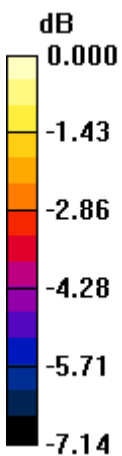
| | | |
|-----------------|-----------------|-----------------|
| Grid 1 | Grid 2 | Grid 3 |
| 0.089 M4 | 0.083 M4 | 0.069 M4 |
| Grid 4 | Grid 5 | Grid 6 |
| 0.075 M4 | 0.075 M4 | 0.068 M4 |
| Grid 7 | Grid 8 | Grid 9 |
| 0.062 M4 | 0.063 M4 | 0.057 M4 |

Cursor:

Total = 0.089 A/m

H Category: M4

Location: 25, -25, 370.9 mm



0 dB = 0.089A/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.4 °C /1175

Test Date Apr.25, 2011

DUT: TXT8045; Type: Slide up; Serial: #1

Communication System: PCS 1900MHz FCC; Frequency: 1908.75 MHz;Duty Cycle: 1:1
 Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³
 Phantom section: E Dipole Section ; Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

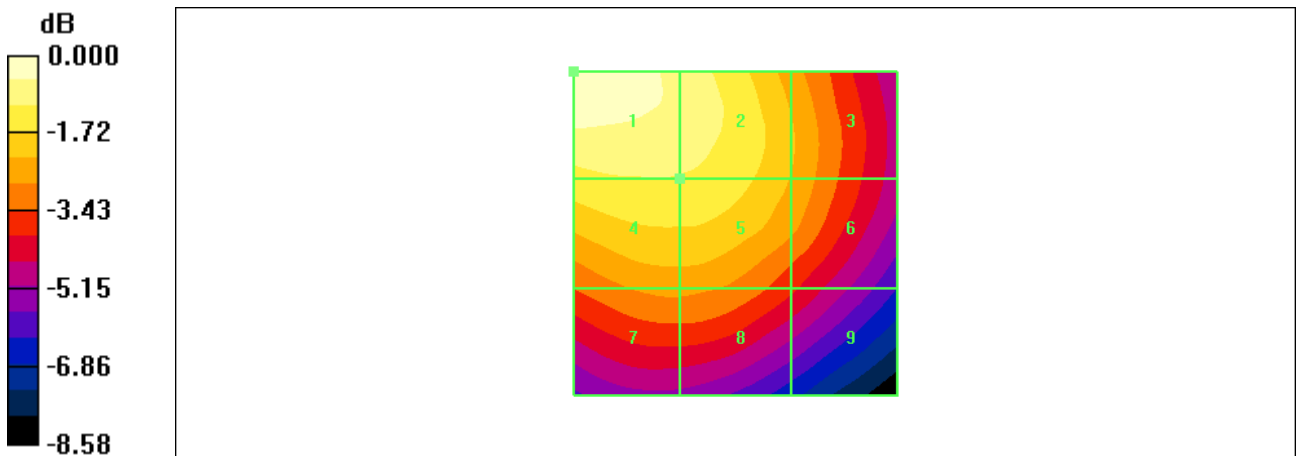
DASY4 Configuration:
 - Probe: H3DV6 - SN6101; ; Calibrated: 2010-05-27
 - Sensor-Surface: (Fix Surface)
 - Electronics: DAE4 Sn869; Calibrated: 2010-09-21
 - Phantom: HAC Test Arch; Type: SD HAC P01 BA

H Scan - H3DV6 - 2007: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1):
 Measurement grid: dx=5mm, dy=5mm
 Maximum value of peak Total field = 0.093 A/m
 Probe Modulation Factor = 0.784
 Device Reference Point: 0.000, 0.000, 354.7 mm
 Reference Value = 0.103 A/m; Power Drift = 0.013 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

| | | |
|----------|----------|----------|
| Grid 1 | Grid 2 | Grid 3 |
| 0.093 M4 | 0.086 M4 | 0.072 M4 |
| Grid 4 | Grid 5 | Grid 6 |
| 0.082 M4 | 0.081 M4 | 0.071 M4 |
| Grid 7 | Grid 8 | Grid 9 |
| 0.068 M4 | 0.068 M4 | 0.060 M4 |

Cursor:
 Total = 0.093 A/m
 H Category: M4
 Location: 25, -25, 370.9 mm



0 dB = 0.093A/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.4 °C /128

Test Date Apr.25, 2011

DUT: TXT8045; Type: Slide up; Serial: #1

Communication System: GSM 850; Frequency: 824.2 MHz; Duty Cycle: 1:8.3

Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Phantom section: E Dipole Section ; Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

DASY4 Configuration:

- Probe: ER3DV6 - SN2343; ConvF(1, 1, 1); Calibrated: 2010-05-20
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn869; Calibrated: 2010-09-21
- Phantom: HAC Test Arch; Type: SD HAC P01 BA

E Scan - ER3D - 2007: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1):

Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 128.2 V/m

Probe Modulation Factor = 2.64

Device Reference Point: 0.000, 0.000, 354.7 mm

Reference Value = 62.1 V/m; Power Drift = -0.049 dB

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

Peak E-field in V/m

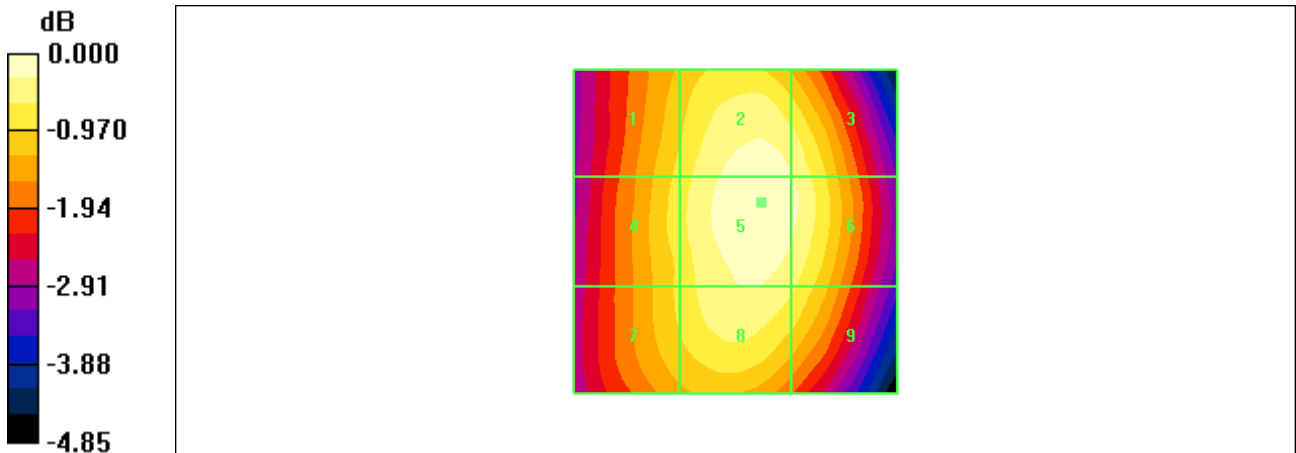
| | | |
|----------|----------|----------|
| Grid 1 | Grid 2 | Grid 3 |
| 116.4 M4 | 127.0 M4 | 123.9 M4 |
| Grid 4 | Grid 5 | Grid 6 |
| 117.6 M4 | 128.2 M4 | 125.3 M4 |
| Grid 7 | Grid 8 | Grid 9 |
| 116.0 M4 | 123.7 M4 | 120.0 M4 |

Cursor:

Total = 128.2 V/m

E Category: M4

Location: -4, -4.5, 370.9 mm



0 dB = 128.2V/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.4 °C /190

Test Date Apr.25, 2011

DUT: TXT8045; Type: Slide up; Serial: #1

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:8.3

Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Phantom section: E Dipole Section ; Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

DASY4 Configuration:

- Probe: ER3DV6 - SN2343; ConvF(1, 1, 1); Calibrated: 2010-05-20
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn869; Calibrated: 2010-09-21
- Phantom: HAC Test Arch; Type: SD HAC P01 BA

E Scan - ER3D - 2007: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1):

Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 147.1 V/m

Probe Modulation Factor = 2.64

Device Reference Point: 0.000, 0.000, 354.7 mm

Reference Value = 71.0 V/m; Power Drift = -0.169 dB

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

Peak E-field in V/m

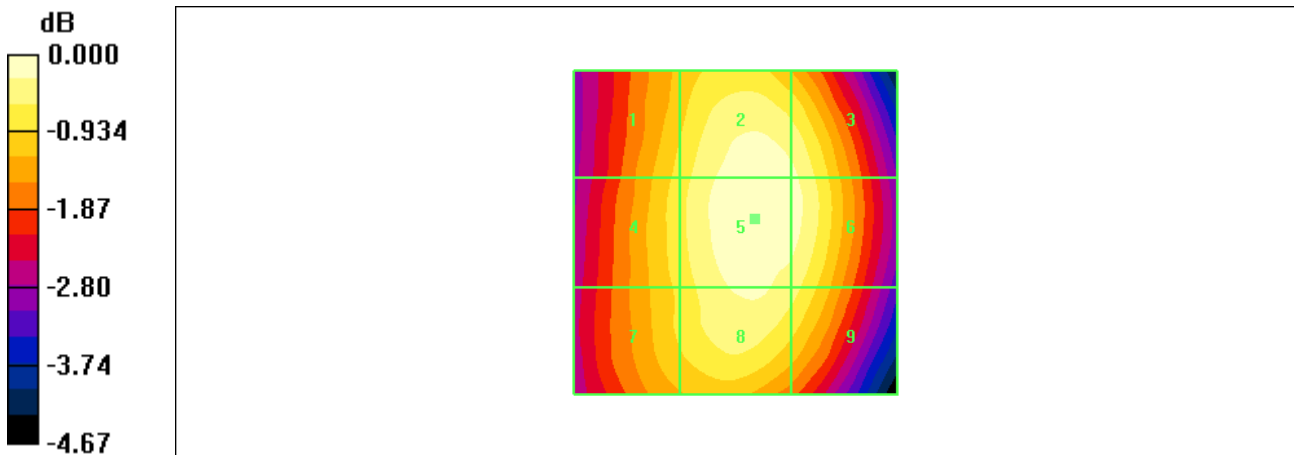
| | | |
|----------|----------|----------|
| Grid 1 | Grid 2 | Grid 3 |
| 134.4 M4 | 145.7 M4 | 143.4 M4 |
| Grid 4 | Grid 5 | Grid 6 |
| 135.6 M4 | 147.1 M4 | 144.7 M4 |
| Grid 7 | Grid 8 | Grid 9 |
| 133.8 M4 | 142.8 M4 | 139.2 M4 |

Cursor:

Total = 147.1 V/m

E Category: M4

Location: -3, -2, 370.9 mm



0 dB = 147.1V/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.4 °C /251

Test Date Apr.25, 2011

DUT: TXT8045; Type: Slide up; Serial: #1

Communication System: GSM 850; Frequency: 848.8 MHz; Duty Cycle: 1:8.3

Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Phantom section: E Dipole Section ; Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

DASY4 Configuration:

- Probe: ER3DV6 - SN2343; ConvF(1, 1, 1); Calibrated: 2010-05-20
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn869; Calibrated: 2010-09-21
- Phantom: HAC Test Arch; Type: SD HAC P01 BA

E Scan - ER3D - 2007: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1):

Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 138.5 V/m

Probe Modulation Factor = 2.64

Device Reference Point: 0.000, 0.000, 354.7 mm

Reference Value = 67.8 V/m; Power Drift = -0.110 dB

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

Peak E-field in V/m

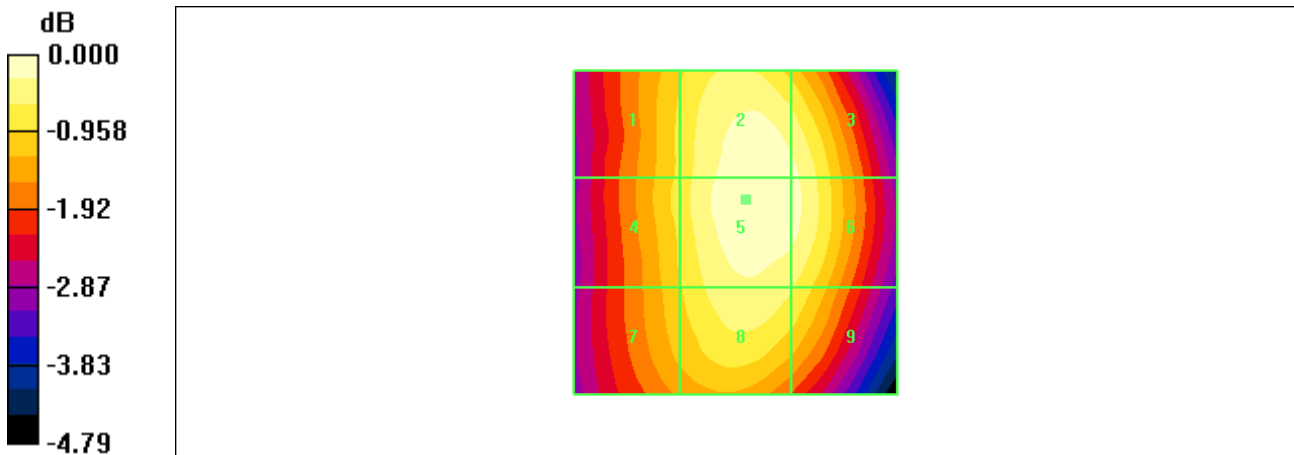
| | | |
|----------|----------|----------|
| Grid 1 | Grid 2 | Grid 3 |
| 125.7 M4 | 137.4 M4 | 135.1 M4 |
| Grid 4 | Grid 5 | Grid 6 |
| 126.5 M4 | 138.5 M4 | 135.8 M4 |
| Grid 7 | Grid 8 | Grid 9 |
| 123.8 M4 | 132.8 M4 | 129.3 M4 |

Cursor:

Total = 138.5 V/m

E Category: M4

Location: -1.5, -5, 370.9 mm



0 dB = 138.5V/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.4 °C /512

Test Date Apr.25, 2011

DUT: TXT8045; Type: Slide up; Serial: #1

Communication System: GSM 1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Phantom section: E Dipole Section ; Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

DASY4 Configuration:

- Probe: ER3DV6 - SN2343; ConvF(1, 1, 1); Calibrated: 2010-05-20
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn869; Calibrated: 2010-09-21
- Phantom: HAC Test Arch; Type: SD HAC P01 BA

E Scan - ER3D - 2007: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1):

Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 44.6 V/m

Probe Modulation Factor = 2.55

Device Reference Point: 0.000, 0.000, 354.7 mm

Reference Value = 13.1 V/m; Power Drift = -0.035 dB

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

Peak E-field in V/m

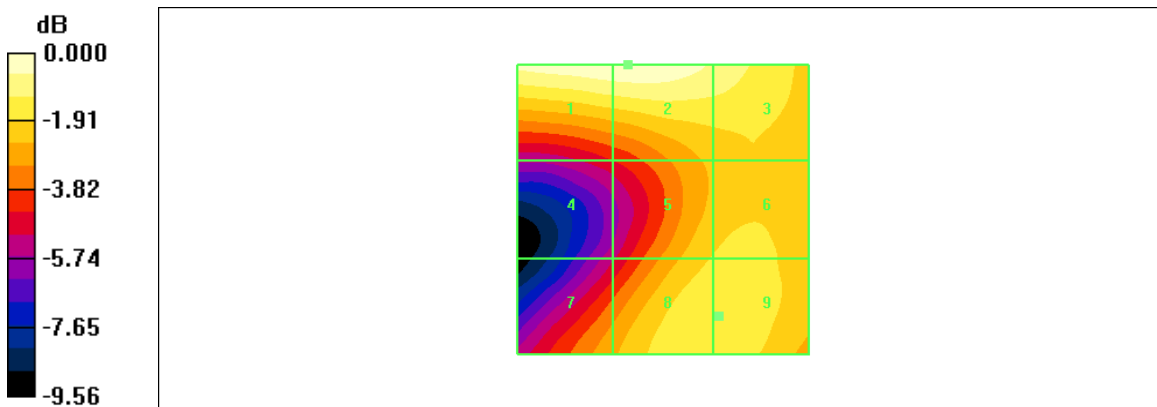
| | | |
|---------|---------|---------|
| Grid 1 | Grid 2 | Grid 3 |
| 44.4 M4 | 44.6 M4 | 41.0 M4 |
| Grid 4 | Grid 5 | Grid 6 |
| 26.8 M4 | 36.0 M4 | 36.9 M4 |
| Grid 7 | Grid 8 | Grid 9 |
| 32.9 M4 | 38.2 M4 | 38.2 M4 |

Cursor:

Total = 44.6 V/m

E Category: M4

Location: 6, -25, 370.9 mm



Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.4 °C /661

Test Date Apr.25, 2011

DUT: TXT8045; Type: Slide up; Serial: #1

Communication System: GSM 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Phantom section: E Dipole Section ; Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

DASY4 Configuration:

- Probe: ER3DV6 - SN2343; ConvF(1, 1, 1); Calibrated: 2010-05-20
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn869; Calibrated: 2010-09-21
- Phantom: HAC Test Arch; Type: SD HAC P01 BA

E Scan - ER3D - 2007: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1):

Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 56.3 V/m

Probe Modulation Factor = 2.55

Device Reference Point: 0.000, 0.000, 354.7 mm

Reference Value = 17.8 V/m; Power Drift = 0.000 dB

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

Peak E-field in V/m

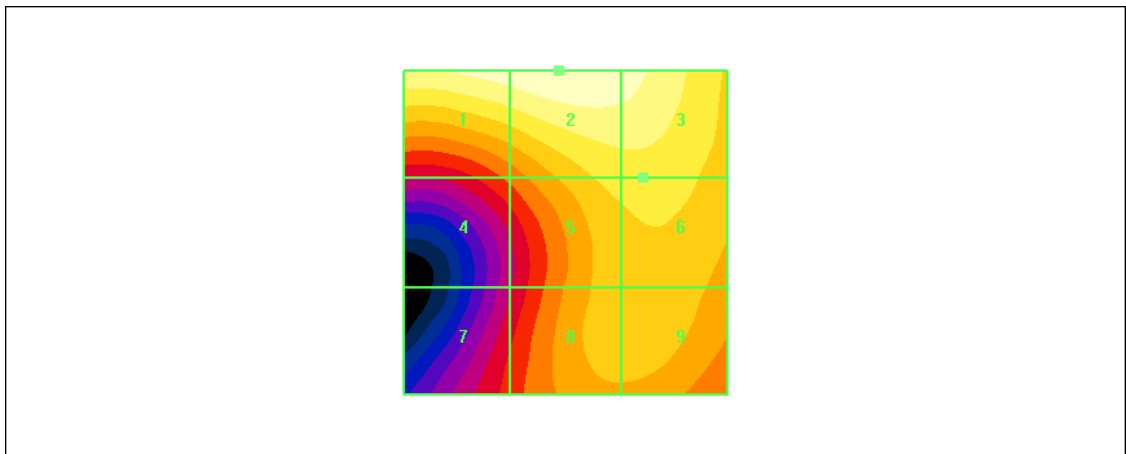
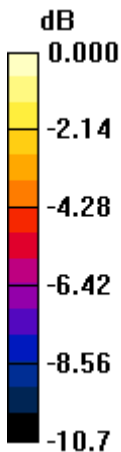
| | | |
|---------|---------|---------|
| Grid 1 | Grid 2 | Grid 3 |
| 54.7 M3 | 56.3 M3 | 54.2 M3 |
| Grid 4 | Grid 5 | Grid 6 |
| 35.4 M4 | 45.6 M4 | 46.0 M4 |
| Grid 7 | Grid 8 | Grid 9 |
| 32.9 M4 | 42.8 M4 | 43.4 M4 |

Cursor:

Total = 56.3 V/m

E Category: M3

Location: 1, -25, 370.9 mm



0 dB = 56.3V/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.4 °C /810

Test Date Apr.25, 2011

DUT: TXT8045; Type: Slide up; Serial: #1

Communication System: GSM 1900; Frequency: 1909.8 MHz;Duty Cycle: 1:8.3

Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Phantom section: E Dipole Section ; Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

DASY4 Configuration:

- Probe: ER3DV6 - SN2343; ConvF(1, 1, 1); Calibrated: 2010-05-20
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn869; Calibrated: 2010-09-21
- Phantom: HAC Test Arch; Type: SD HAC P01 BA

E Scan - ER3D - 2007: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1):

Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 58.2 V/m

Probe Modulation Factor = 2.55

Device Reference Point: 0.000, 0.000, 354.7 mm

Reference Value = 19.0 V/m; Power Drift = 0.002 dB

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

Peak E-field in V/m

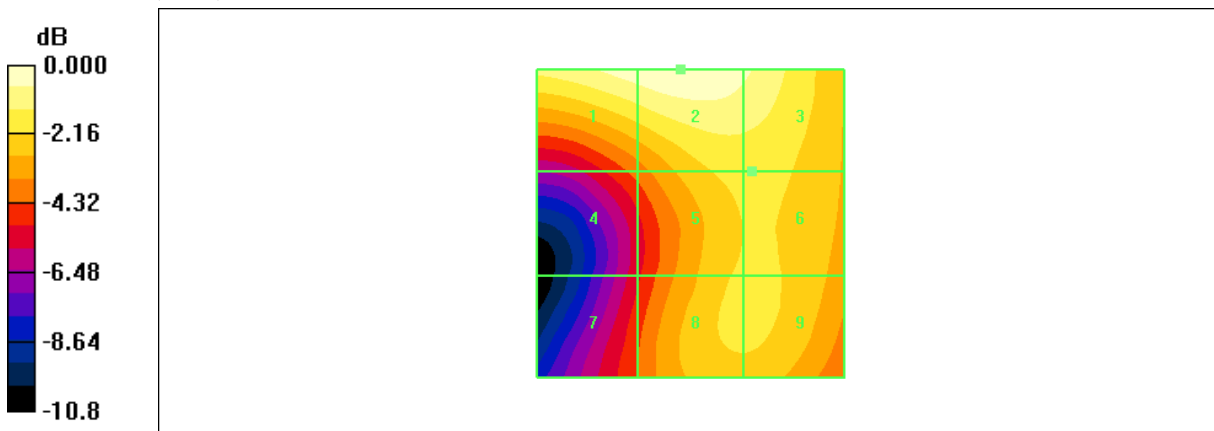
| | | |
|---------|---------|---------|
| Grid 1 | Grid 2 | Grid 3 |
| 56.6 M3 | 58.2 M3 | 54.6 M3 |
| Grid 4 | Grid 5 | Grid 6 |
| 37.0 M4 | 46.8 M4 | 46.9 M4 |
| Grid 7 | Grid 8 | Grid 9 |
| 35.7 M4 | 46.5 M4 | 46.5 M4 |

Cursor:

Total = 58.2 V/m

E Category: M3

Location: 1.5, -25, 370.9 mm



0 dB = 58.2V/m

Test Laboratory: HCT CO., LTD.
 Ambient Temperature / Channel 21.4 °C /128
 Test Date Apr.25, 2011

DUT: TXT8045; Type: Slide up; Serial: #1

Communication System: GSM 850; Frequency: 824.2 MHz; Duty Cycle: 1:8.3
 Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³
 Phantom section: E Dipole Section ; Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

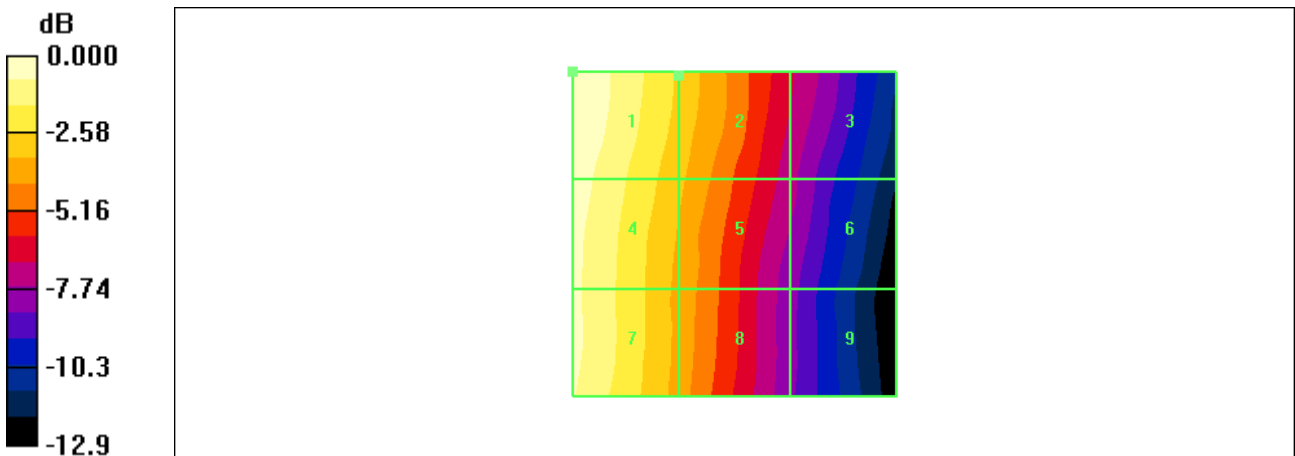
DASY4 Configuration:
 - Probe: H3DV6 - SN6101; ; Calibrated: 2010-05-27
 - Sensor-Surface: (Fix Surface)
 - Electronics: DAE4 Sn869; Calibrated: 2010-09-21
 - Phantom: HAC Test Arch; Type: SD HAC P01 BA

H Scan - H3DV6 - 2007: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1):
 Measurement grid: dx=5mm, dy=5mm
 Maximum value of peak Total field = 0.213 A/m
 Probe Modulation Factor = 2.11
 Device Reference Point: 0.000, 0.000, 354.7 mm
 Reference Value = 0.053 A/m; Power Drift = -0.069 dB
Hearing Aid Near-Field Category: M4 (AWF -5 dB)

Peak H-field in A/m

| | | |
|-----------------|-----------------|-----------------|
| Grid 1 | Grid 2 | Grid 3 |
| 0.213 M4 | 0.155 M4 | 0.099 M4 |
| Grid 4 | Grid 5 | Grid 6 |
| 0.204 M4 | 0.147 M4 | 0.091 M4 |
| Grid 7 | Grid 8 | Grid 9 |
| 0.199 M4 | 0.139 M4 | 0.083 M4 |

Cursor:
 Total = 0.213 A/m
 H Category: M4
 Location: 25, -25, 370.9 mm



0 dB = 0.213A/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.4 °C /190

Test Date Apr.25, 2011

DUT: TXT8045; Type: Slide up; Serial: #1

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:8.3

Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³

Phantom section: E Dipole Section ; Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

DASY4 Configuration:

- Probe: H3DV6 - SN6101; ; Calibrated: 2010-05-27
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn869; Calibrated: 2010-09-21
- Phantom: HAC Test Arch; Type: SD HAC P01 BA

H Scan - H3DV6 - 2007: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1):

Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.227 A/m

Probe Modulation Factor = 2.11

Device Reference Point: 0.000, 0.000, 354.7 mm

Reference Value = 0.053 A/m; Power Drift = -0.045 dB

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

Peak H-field in A/m

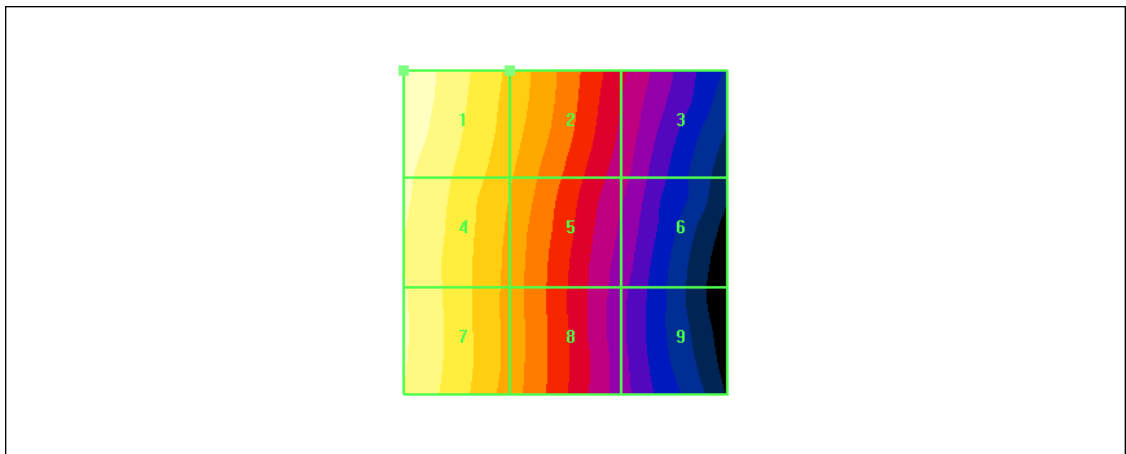
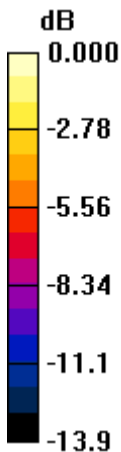
| | | |
|----------|----------|----------|
| Grid 1 | Grid 2 | Grid 3 |
| 0.227 M4 | 0.160 M4 | 0.100 M4 |
| Grid 4 | Grid 5 | Grid 6 |
| 0.209 M4 | 0.150 M4 | 0.091 M4 |
| Grid 7 | Grid 8 | Grid 9 |
| 0.207 M4 | 0.143 M4 | 0.083 M4 |

Cursor:

Total = 0.227 A/m

H Category: M4

Location: 25, -25, 370.9 mm



0 dB = 0.227A/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.4 °C /251

Test Date Apr.25, 2011

DUT: TXT8045; Type: Slide up; Serial: #1

Communication System: GSM 850; Frequency: 848.8 MHz; Duty Cycle: 1:8.3

Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³

Phantom section: E Dipole Section ; Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

DASY4 Configuration:

- Probe: H3DV6 - SN6101; ; Calibrated: 2010-05-27
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn869; Calibrated: 2010-09-21
- Phantom: HAC Test Arch; Type: SD HAC P01 BA

H Scan - H3DV6 - 2007: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1):

Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.233 A/m

Probe Modulation Factor = 2.11

Device Reference Point: 0.000, 0.000, 354.7 mm

Reference Value = 0.055 A/m; Power Drift = -0.152 dB

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

Peak H-field in A/m

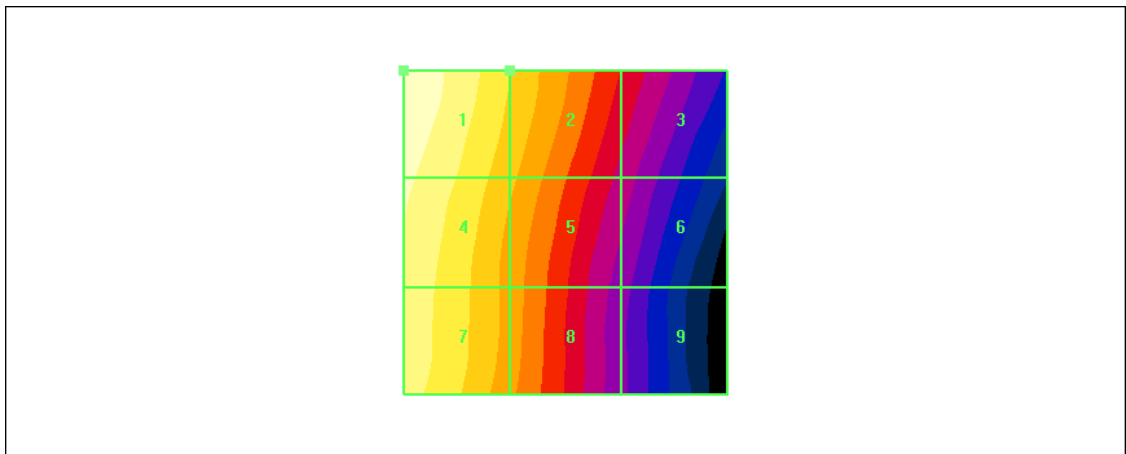
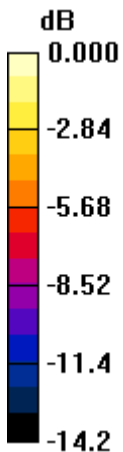
| | | |
|----------|----------|----------|
| Grid 1 | Grid 2 | Grid 3 |
| 0.233 M4 | 0.169 M4 | 0.109 M4 |
| Grid 4 | Grid 5 | Grid 6 |
| 0.215 M4 | 0.155 M4 | 0.094 M4 |
| Grid 7 | Grid 8 | Grid 9 |
| 0.205 M4 | 0.144 M4 | 0.083 M4 |

Cursor:

Total = 0.233 A/m

H Category: M4

Location: 25, -25, 370.9 mm



0 dB = 0.233A/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.4 °C /512

Test Date Apr.25, 2011

DUT: TXT8045; Type: Slide up; Serial: #1

Communication System: GSM 1900; Frequency: 1850.2 MHz;Duty Cycle: 1:8.3

Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³

Phantom section: E Dipole Section ; Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

DASY4 Configuration:

- Probe: H3DV6 - SN6101; ; Calibrated: 2010-05-27
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn869; Calibrated: 2010-09-21
- Phantom: HAC Test Arch; Type: SD HAC P01 BA

H Scan - H3DV6 - 2007: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1):

Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.128 A/m

Probe Modulation Factor = 2.29

Device Reference Point: 0.000, 0.000, 354.7 mm

Reference Value = 0.053 A/m; Power Drift = 0.003 dB

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

Peak H-field in A/m

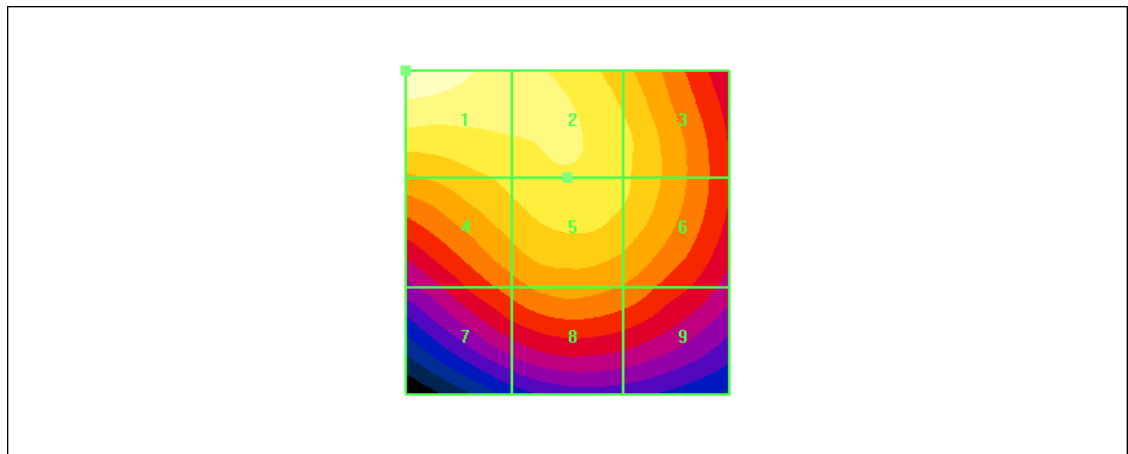
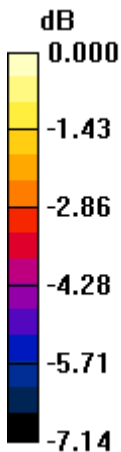
| | | |
|----------|----------|----------|
| Grid 1 | Grid 2 | Grid 3 |
| 0.128 M4 | 0.118 M4 | 0.110 M4 |
| Grid 4 | Grid 5 | Grid 6 |
| 0.110 M4 | 0.114 M4 | 0.110 M4 |
| Grid 7 | Grid 8 | Grid 9 |
| 0.095 M4 | 0.100 M4 | 0.097 M4 |

Cursor:

Total = 0.128 A/m

H Category: M4

Location: 25, -25, 370.9 mm



0 dB = 0.128A/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.4 °C /661

Test Date Apr.25, 2011

DUT: TXT8045; Type: Slide up; Serial: #1

Communication System: GSM 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³

Phantom section: E Dipole Section ; Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

DASY4 Configuration:

- Probe: H3DV6 - SN6101; ; Calibrated: 2010-05-27
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn869; Calibrated: 2010-09-21
- Phantom: HAC Test Arch; Type: SD HAC P01 BA

H Scan - H3DV6 - 2007: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1):

Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.177 A/m

Probe Modulation Factor = 2.29

Device Reference Point: 0.000, 0.000, 354.7 mm

Reference Value = 0.064 A/m; Power Drift = -0.007 dB

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

Peak H-field in A/m

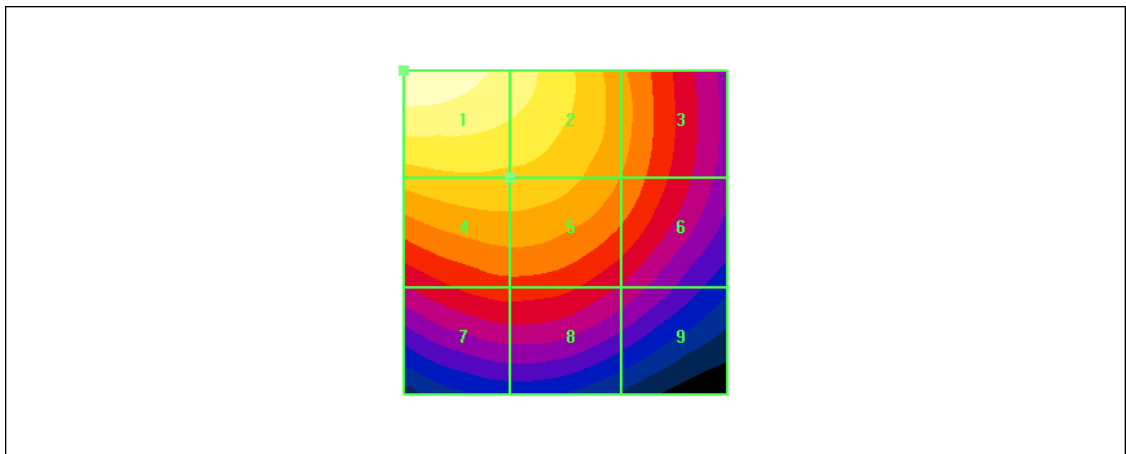
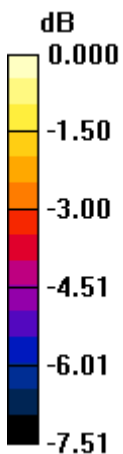
| | | |
|----------|----------|----------|
| Grid 1 | Grid 2 | Grid 3 |
| 0.177 M3 | 0.164 M3 | 0.137 M4 |
| Grid 4 | Grid 5 | Grid 6 |
| 0.148 M3 | 0.147 M3 | 0.133 M4 |
| Grid 7 | Grid 8 | Grid 9 |
| 0.122 M4 | 0.122 M4 | 0.111 M4 |

Cursor:

Total = 0.177 A/m

H Category: M3

Location: 25, -25, 370.9 mm



0 dB = 0.177A/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.4 °C /810

Test Date Apr.25, 2011

DUT: TXT8045; Type: Slide up; Serial: #1

Communication System: GSM 1900; Frequency: 1909.8 MHz;Duty Cycle: 1:8.3

Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³

Phantom section: E Dipole Section ; Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

DASY4 Configuration:

- Probe: H3DV6 - SN6101; ; Calibrated: 2010-05-27
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn869; Calibrated: 2010-09-21
- Phantom: HAC Test Arch; Type: SD HAC P01 BA

H Scan - H3DV6 - 2007: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1):

Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.187 A/m

Probe Modulation Factor = 2.29

Device Reference Point: 0.000, 0.000, 354.7 mm

Reference Value = 0.069 A/m; Power Drift = -0.107 dB

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

Peak H-field in A/m

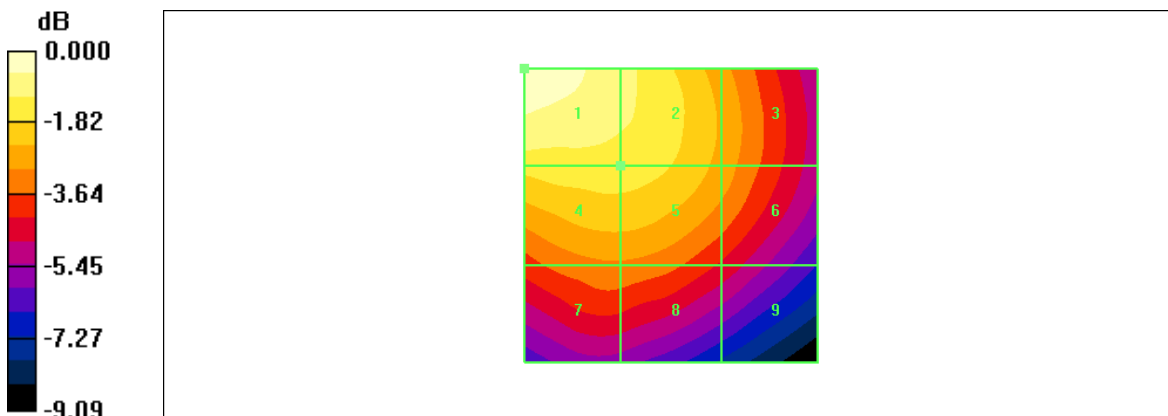
| | | |
|----------|----------|----------|
| Grid 1 | Grid 2 | Grid 3 |
| 0.187 M3 | 0.167 M3 | 0.140 M3 |
| Grid 4 | Grid 5 | Grid 6 |
| 0.158 M3 | 0.157 M3 | 0.138 M4 |
| Grid 7 | Grid 8 | Grid 9 |
| 0.131 M4 | 0.131 M4 | 0.114 M4 |

Cursor:

Total = 0.187 A/m

H Category: M3

Location: 25, -25, 370.9 mm



0 dB = 0.187A/m