

APPENDIX A. HAC TEST PLOTS

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.6 °C /1013

Test Date Mar. 9, 2010

DUT: TXT8040; 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 Device Section ; Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 176

DASY4 Configuration:

- Probe: ER3DV6 - SN2343; ConvF(1, 1, 1); Calibrated: 2009-05-22
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn869; Calibrated: 2009-09-18
- 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 = 38.4 V/m

Probe Modulation Factor = 0.956

Device Reference Point: 0.000, 0.000, 353.7 mm

Reference Value = 51.1 V/m; Power Drift = 0.040 dB

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

Peak E-field in V/m

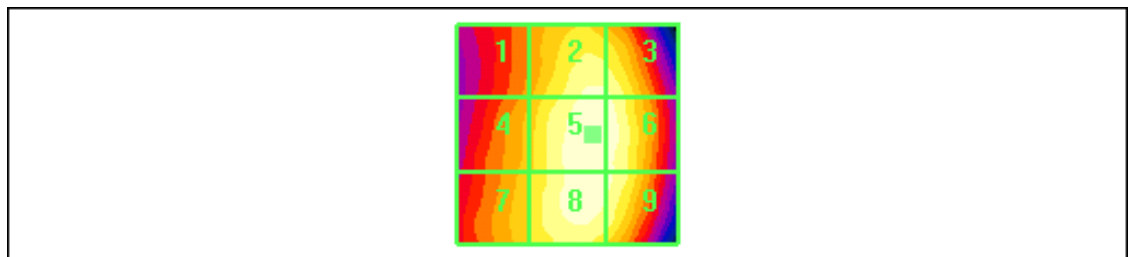
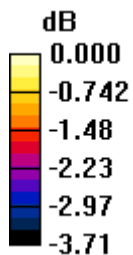
Grid 1	Grid 2	Grid 3
34.0 M4	37.7 M4	37.6 M4
Grid 4	Grid 5	Grid 6
35.1 M4	38.4 M4	38.3 M4
Grid 7	Grid 8	Grid 9
35.5 M4	38.3 M4	37.8 M4

Cursor:

Total = 38.4 V/m

E Category: M4

Location: -5.5, 0, 369.9 mm



0 dB = 38.4V/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.6 °C /384

Test Date Mar. 9, 2010

DUT: TXT8040; 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 Device Section ; Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 176

DASY4 Configuration:

- Probe: ER3DV6 - SN2343; ConvF(1, 1, 1); Calibrated: 2009-05-22
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn869; Calibrated: 2009-09-18
- 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 = 46.8 V/m

Probe Modulation Factor = 0.956

Device Reference Point: 0.000, 0.000, 353.7 mm

Reference Value = 62.1 V/m; Power Drift = 0.048 dB

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

Peak E-field in V/m

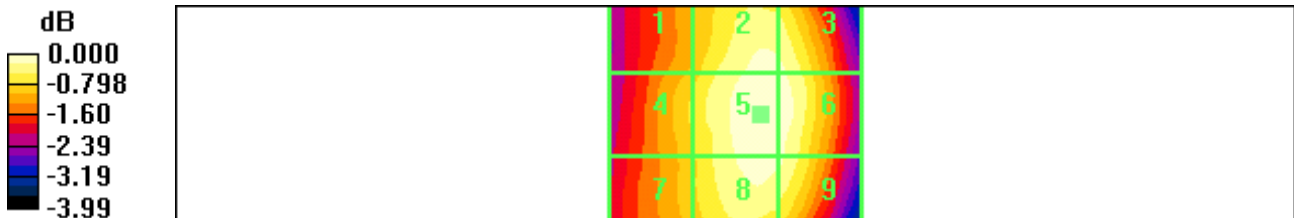
Grid 1	Grid 2	Grid 3
41.9 M4	46.0 M4	45.8 M4
Grid 4	Grid 5	Grid 6
43.1 M4	46.8 M4	46.6 M4
Grid 7	Grid 8	Grid 9
42.5 M4	46.0 M4	45.7 M4

Cursor:

Total = 46.8 V/m

E Category: M4

Location: -5, 0, 369.9 mm



0 dB = 46.8V/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.6 °C /777

Test Date Mar. 9, 2010

DUT: TXT8040; 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 Device Section ; Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 176

DASY4 Configuration:

- Probe: ER3DV6 - SN2343; ConvF(1, 1, 1); Calibrated: 2009-05-22
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn869; Calibrated: 2009-09-18
- 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 = 54.9 V/m

Probe Modulation Factor = 0.956

Device Reference Point: 0.000, 0.000, 353.7 mm

Reference Value = 72.3 V/m; Power Drift = 0.071 dB

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

Peak E-field in V/m

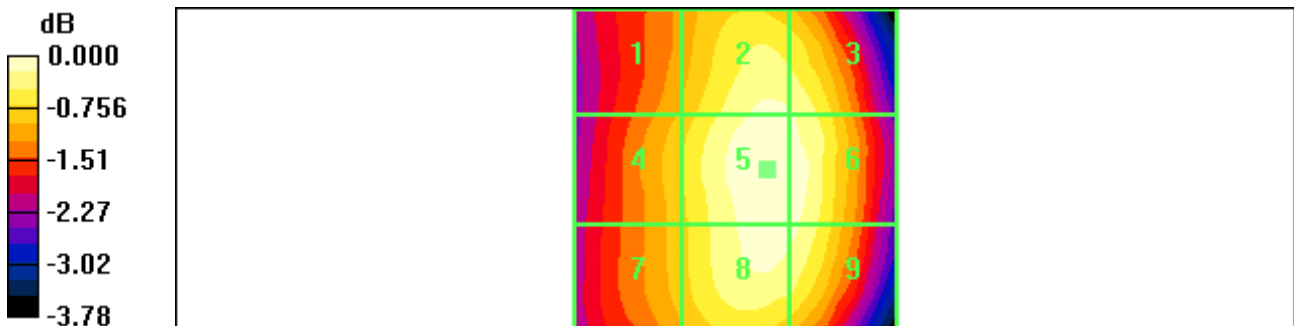
Grid 1	Grid 2	Grid 3
49.2 M4	53.8 M4	53.5 M4
Grid 4	Grid 5	Grid 6
50.3 M4	54.9 M4	54.6 M4
Grid 7	Grid 8	Grid 9
49.9 M4	54.2 M4	53.8 M4

Cursor:

Total = 54.9 V/m

E Category: M4

Location: -5, 0, 369.9 mm



0 dB = 54.9V/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.6 °C /25

Test Date Mar. 9, 2010

DUT: TXT8040; 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 Device Section ; Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 176

DASY4 Configuration:

- Probe: ER3DV6 - SN2343; ConvF(1, 1, 1); Calibrated: 2009-05-22
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn869; Calibrated: 2009-09-18
- 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 = 30.7 V/m

Probe Modulation Factor = 0.960

Device Reference Point: 0.000, 0.000, 353.7 mm

Reference Value = 15.3 V/m; Power Drift = 0.027 dB

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

Peak E-field in V/m

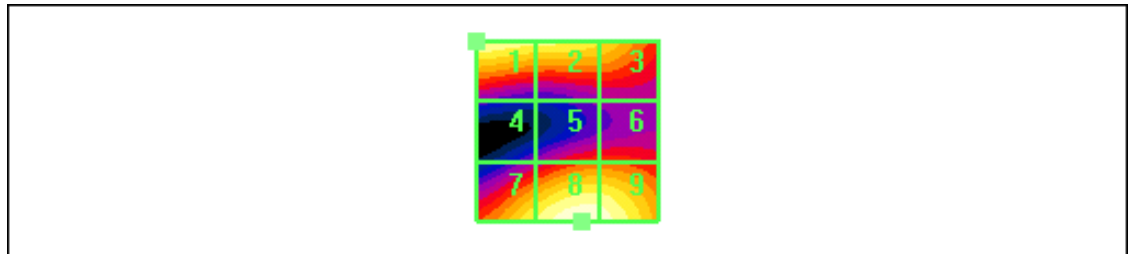
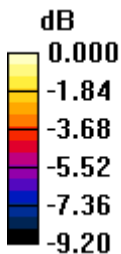
Grid 1	Grid 2	Grid 3
29.4 M4	27.9 M4	25.5 M4
Grid 4	Grid 5	Grid 6
16.4 M4	20.1 M4	20.2 M4
Grid 7	Grid 8	Grid 9
27.4 M4	30.7 M4	30.0 M4

Cursor:

Total = 30.7 V/m

E Category: M4

Location: -4, 25, 369.9 mm



0 dB = 30.7V/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.6 °C /600

Test Date Mar. 9, 2010

DUT: TXT8040; 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 Device Section ; Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 176

DASY4 Configuration:

- Probe: ER3DV6 - SN2343; ConvF(1, 1, 1); Calibrated: 2009-05-22
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn869; Calibrated: 2009-09-18
- 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 = 30.5 V/m

Probe Modulation Factor = 0.960

Device Reference Point: 0.000, 0.000, 353.7 mm

Reference Value = 19.4 V/m; Power Drift = 0.071 dB

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

Peak E-field in V/m

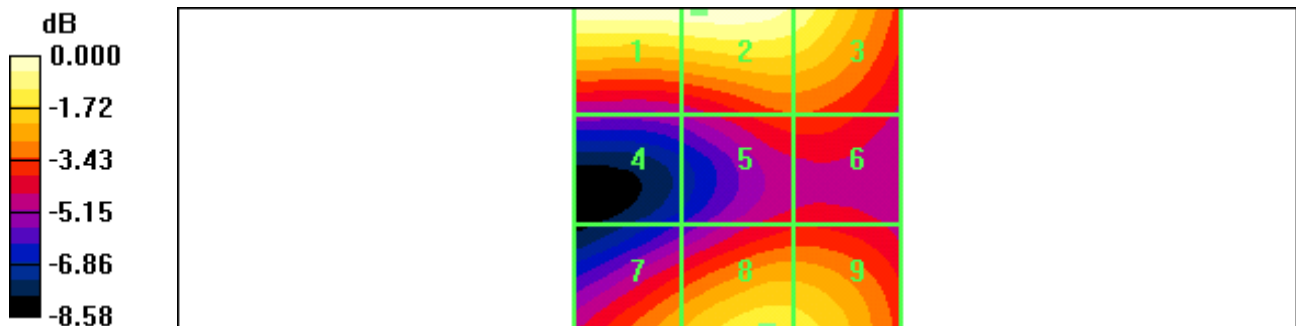
Grid 1	Grid 2	Grid 3
30.5 M4	30.5 M4	28.5 M4
Grid 4	Grid 5	Grid 6
17.1 M4	20.5 M4	20.5 M4
Grid 7	Grid 8	Grid 9
23.6 M4	26.4 M4	26.0 M4

Cursor:

Total = 30.5 V/m

E Category: M4

Location: 6, -25, 369.9 mm



0 dB = 30.5V/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.6 °C /1175

Test Date Mar. 9, 2010

DUT: TXT8040; 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 Device Section ; Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 176

DASY4 Configuration:

- Probe: ER3DV6 - SN2343; ConvF(1, 1, 1); Calibrated: 2009-05-22
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn869; Calibrated: 2009-09-18
- 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 = 30.0 V/m

Probe Modulation Factor = 0.960

Device Reference Point: 0.000, 0.000, 353.7 mm

Reference Value = 24.3 V/m; Power Drift = 0.111 dB

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

Peak E-field in V/m

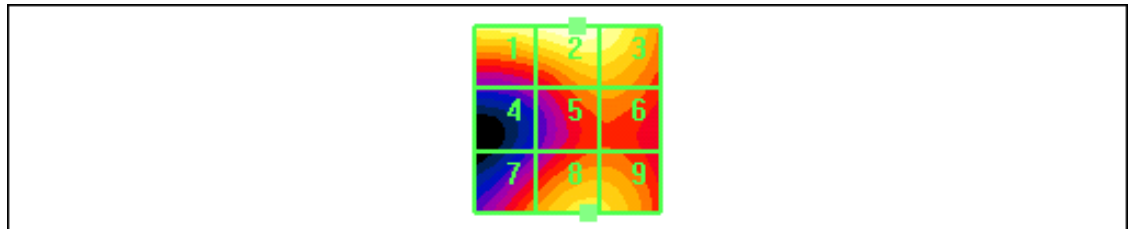
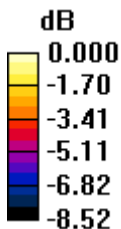
Grid 1	Grid 2	Grid 3
28.6 M4	30.0 M4	28.9 M4
Grid 4	Grid 5	Grid 6
17.2 M4	22.4 M4	22.5 M4
Grid 7	Grid 8	Grid 9
22.0 M4	25.6 M4	25.4 M4

Cursor:

Total = 30.0 V/m

E Category: M4

Location: -2.5, -25, 369.9 mm



0 dB = 30.0V/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.6 °C /1013

Test Date Mar. 9, 2010

DUT: TXT8040; 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: H Device Section ; Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 176

DASY4 Configuration:

- Probe: H3DV6 - SN6101; ; Calibrated: 2009-05-22

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn869; Calibrated: 2009-09-18

- 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 = 0.083 A/m

Probe Modulation Factor = 0.846

Device Reference Point: 0.000, 0.000, 353.7 mm

Reference Value = 0.064 A/m; Power Drift = -0.038 dB

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

Peak H-field in A/m

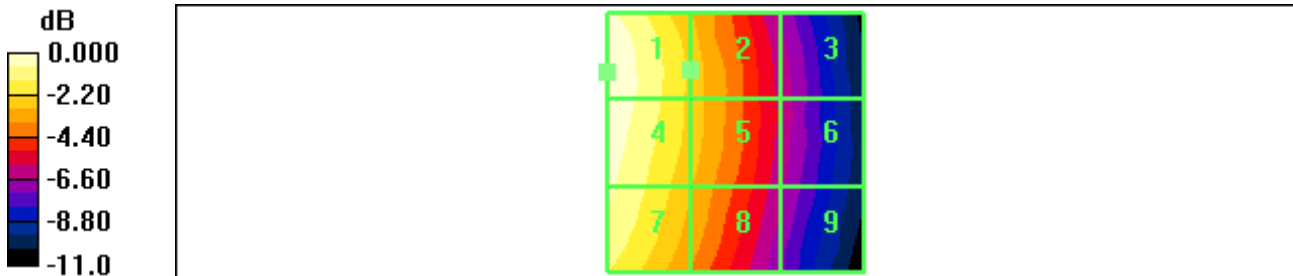
Grid 1	Grid 2	Grid 3
0.083 M4	0.063 M4	0.042 M4
Grid 4	Grid 5	Grid 6
0.083 M4	0.063 M4	0.042 M4
Grid 7	Grid 8	Grid 9
0.078 M4	0.059 M4	0.040 M4

Cursor:

Total = 0.083 A/m

H Category: M4

Location: 25, -13.5, 369.4 mm



Test Laboratory: HCT CO., LTD.
Ambient Temperature / Channel 21.6 °C /384
Test Date Mar. 9, 2010

DUT: TXT8040; 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: H Device Section ; Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 176

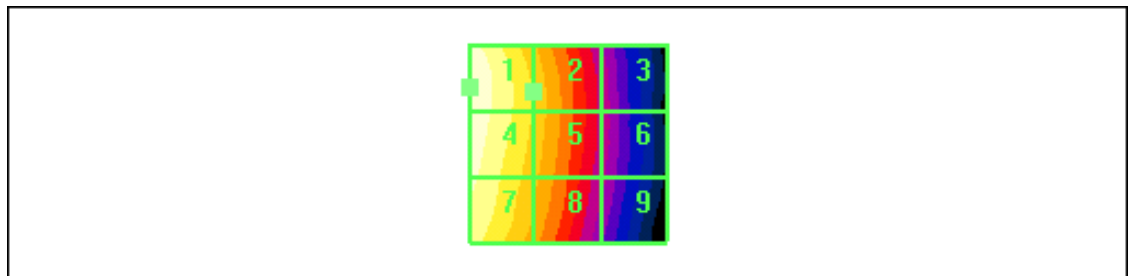
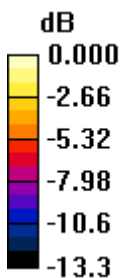
DASY4 Configuration:
- Probe: H3DV6 - SN6101; ; Calibrated: 2009-05-22
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn869; Calibrated: 2009-09-18
- Phantom: HAC Test Arch; Type: SD HAC P01 BA

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 = 0.846
Device Reference Point: 0.000, 0.000, 353.7 mm
Reference Value = 0.070 A/m; Power Drift = -0.007 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	0.044 M4
Grid 4	Grid 5	Grid 6
0.100 M4	0.073 M4	0.044 M4
Grid 7	Grid 8	Grid 9
0.094 M4	0.069 M4	0.042 M4

Cursor:
Total = 0.101 A/m
H Category: M4
Location: 25, -14.5, 369.4 mm



0 dB = 0.101A/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.6 °C /777

Test Date Mar. 9, 2010

DUT: TXT8040; 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: H Device Section ; Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 176

DASY4 Configuration:

- Probe: H3DV6 - SN6101; ; Calibrated: 2009-05-22
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn869; Calibrated: 2009-09-18
- 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 = 0.846

Device Reference Point: 0.000, 0.000, 353.7 mm

Reference Value = 0.063 A/m; Power Drift = -0.087 dB

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

Peak H-field in A/m

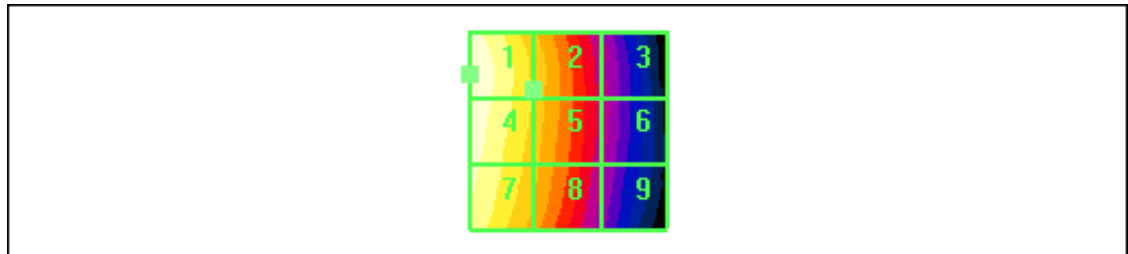
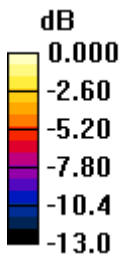
Grid 1	Grid 2	Grid 3
0.089 M4	0.065 M4	0.039 M4
Grid 4	Grid 5	Grid 6
0.088 M4	0.065 M4	0.039 M4
Grid 7	Grid 8	Grid 9
0.083 M4	0.062 M4	0.038 M4

Cursor:

Total = 0.089 A/m

H Category: M4

Location: 25, -14.5, 369.4 mm



0 dB = 0.089A/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.6 °C /25

Test Date Mar. 9, 2010

DUT: TXT8040; 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: H Device Section ; Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 176

DASY4 Configuration:

- Probe: H3DV6 - SN6101; ; Calibrated: 2009-05-22
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn869; Calibrated: 2009-09-18
- 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 = 0.060 A/m

Probe Modulation Factor = 0.733

Device Reference Point: 0.000, 0.000, 353.7 mm

Reference Value = 0.087 A/m; Power Drift = 0.012 dB

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

Peak H-field in A/m

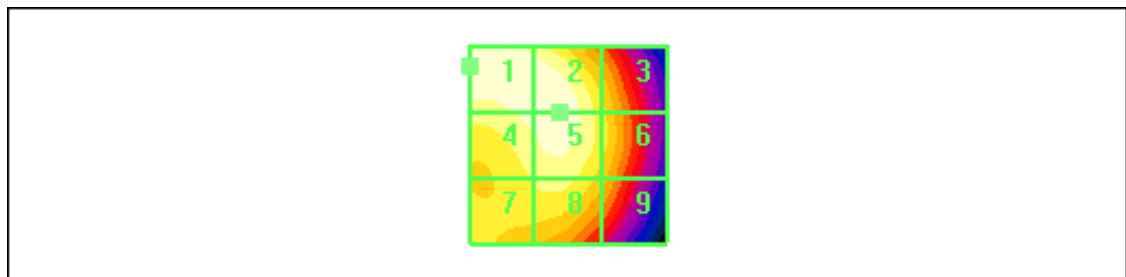
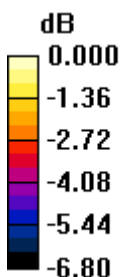
Grid 1	Grid 2	Grid 3
0.060 M4	0.059 M4	0.053 M4
Grid 4	Grid 5	Grid 6
0.058 M4	0.059 M4	0.053 M4
Grid 7	Grid 8	Grid 9
0.054 M4	0.055 M4	0.050 M4

Cursor:

Total = 0.060 A/m

H Category: M4

Location: 25, -20, 369.4 mm



0 dB = 0.060A/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.6 °C /600

Test Date Mar. 9, 2010

DUT: TXT8040; 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: H Device Section ; Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 176

DASY4 Configuration:

- Probe: H3DV6 - SN6101; ; Calibrated: 2009-05-22
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn869; Calibrated: 2009-09-18
- 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 = 0.066 A/m

Probe Modulation Factor = 0.733

Device Reference Point: 0.000, 0.000, 353.7 mm

Reference Value = 0.090 A/m; Power Drift = -0.163 dB

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

Peak H-field in A/m

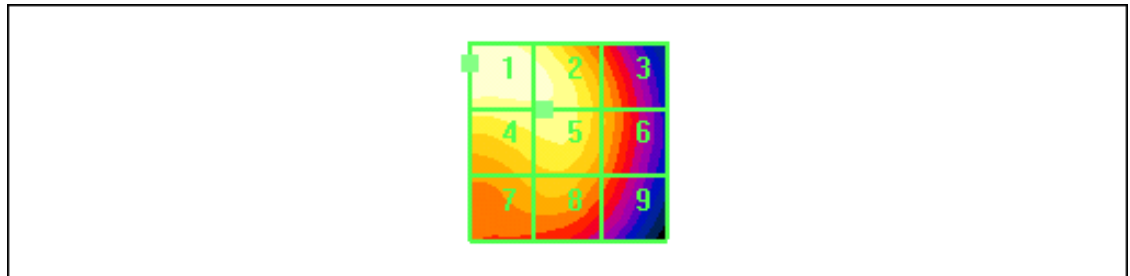
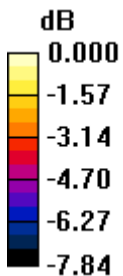
Grid 1	Grid 2	Grid 3
0.066 M4	0.063 M4	0.053 M4
Grid 4	Grid 5	Grid 6
0.061 M4	0.062 M4	0.053 M4
Grid 7	Grid 8	Grid 9
0.054 M4	0.055 M4	0.049 M4

Cursor:

Total = 0.066 A/m

H Category: M4

Location: 25, -20, 369.4 mm



0 dB = 0.066A/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.6 °C /1175

Test Date Mar. 9, 2010

DUT: TXT8040; 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: H Device Section ; Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 176

DASY4 Configuration:

- Probe: H3DV6 - SN6101; ; Calibrated: 2009-05-22
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn869; Calibrated: 2009-09-18
- 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 = 0.733

Device Reference Point: 0.000, 0.000, 353.7 mm

Reference Value = 0.083 A/m; Power Drift = 0.052 dB

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

Peak H-field in A/m

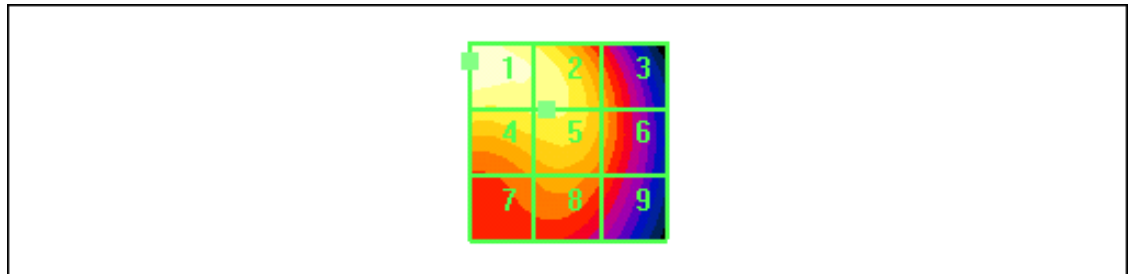
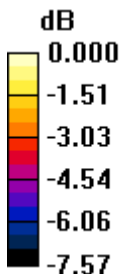
Grid 1	Grid 2	Grid 3
0.065 M4	0.061 M4	0.051 M4
Grid 4	Grid 5	Grid 6
0.059 M4	0.059 M4	0.051 M4
Grid 7	Grid 8	Grid 9
0.049 M4	0.051 M4	0.047 M4

Cursor:

Total = 0.065 A/m

H Category: M4

Location: 25, -20.5, 369.4 mm



0 dB = 0.065A/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.6 °C /1013

Test Date Mar. 9, 2010

DUT: TXT8040; 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 Device Section ; Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 176

DASY4 Configuration:

- Probe: ER3DV6 - SN2343; ConvF(1, 1, 1); Calibrated: 2009-05-22
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn869; Calibrated: 2009-09-18
- 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 = 42.4 V/m

Probe Modulation Factor = 0.956

Device Reference Point: 0.000, 0.000, 353.7 mm

Reference Value = 56.7 V/m; Power Drift = 0.017 dB

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

Peak E-field in V/m

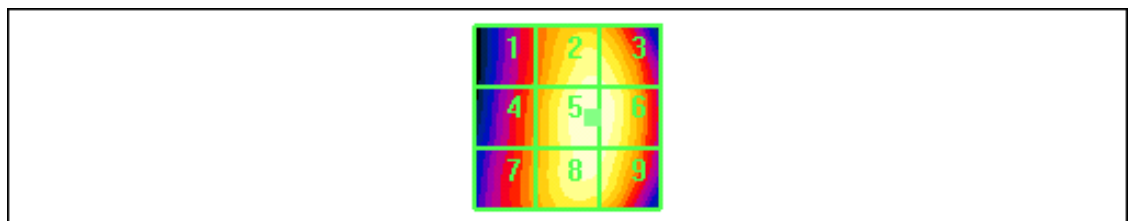
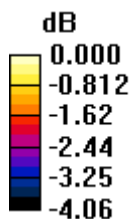
Grid 1	Grid 2	Grid 3
35.9 M4	41.6 M4	41.5 M4
Grid 4	Grid 5	Grid 6
36.8 M4	42.4 M4	42.3 M4
Grid 7	Grid 8	Grid 9
37.2 M4	41.9 M4	41.7 M4

Cursor:

Total = 42.4 V/m

E Category: M4

Location: -7, 0, 369.9 mm



0 dB = 42.4V/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.6 °C /384

Test Date Mar. 9, 2010

DUT: TXT8040; 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 Device Section ; Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 176

DASY4 Configuration:

- Probe: ER3DV6 - SN2343; ConvF(1, 1, 1); Calibrated: 2009-05-22
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn869; Calibrated: 2009-09-18
- 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 = 58.5 V/m

Probe Modulation Factor = 0.956

Device Reference Point: 0.000, 0.000, 353.7 mm

Reference Value = 78.6 V/m; Power Drift = -0.053 dB

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

Peak E-field in V/m

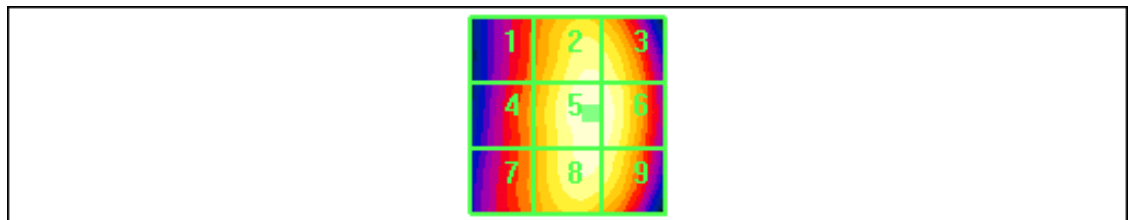
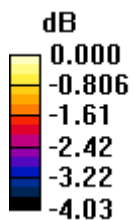
Grid 1	Grid 2	Grid 3
50.3 M4	57.5 M4	57.2 M4
Grid 4	Grid 5	Grid 6
51.4 M4	58.5 M4	58.4 M4
Grid 7	Grid 8	Grid 9
51.2 M4	57.5 M4	57.2 M4

Cursor:

Total = 58.5 V/m

E Category: M4

Location: -6, -0.5, 369.9 mm



0 dB = 58.5V/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.6 °C /777

Test Date Mar. 9, 2010

DUT: TXT8040; 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 Device Section ; Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 176

DASY4 Configuration:

- Probe: ER3DV6 - SN2343; ConvF(1, 1, 1); Calibrated: 2009-05-22
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn869; Calibrated: 2009-09-18
- 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 = 54.0 V/m

Probe Modulation Factor = 0.956

Device Reference Point: 0.000, 0.000, 353.7 mm

Reference Value = 72.8 V/m; Power Drift = -0.055 dB

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

Peak E-field in V/m

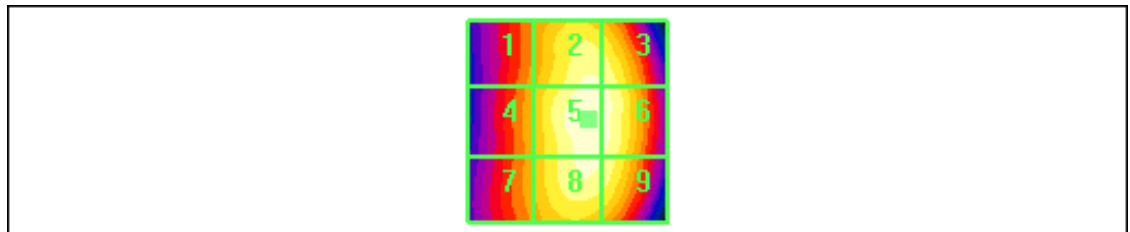
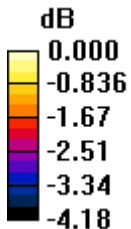
Grid 1	Grid 2	Grid 3
47.1 M4	52.9 M4	52.7 M4
Grid 4	Grid 5	Grid 6
47.8 M4	54.0 M4	53.4 M4
Grid 7	Grid 8	Grid 9
47.7 M4	52.9 M4	52.6 M4

Cursor:

Total = 54.0 V/m

E Category: M4

Location: -5, -0.5, 369.9 mm



0 dB = 54.0V/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.6 °C /25

Test Date Mar. 9, 2010

DUT: TXT8040; 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 Device Section ; Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 176

DASY4 Configuration:

- Probe: ER3DV6 - SN2343; ConvF(1, 1, 1); Calibrated: 2009-05-22
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn869; Calibrated: 2009-09-18
- 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 = 27.0 V/m

Probe Modulation Factor = 0.960

Device Reference Point: 0.000, 0.000, 353.7 mm

Reference Value = 19.1 V/m; Power Drift = 0.028 dB

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

Peak E-field in V/m

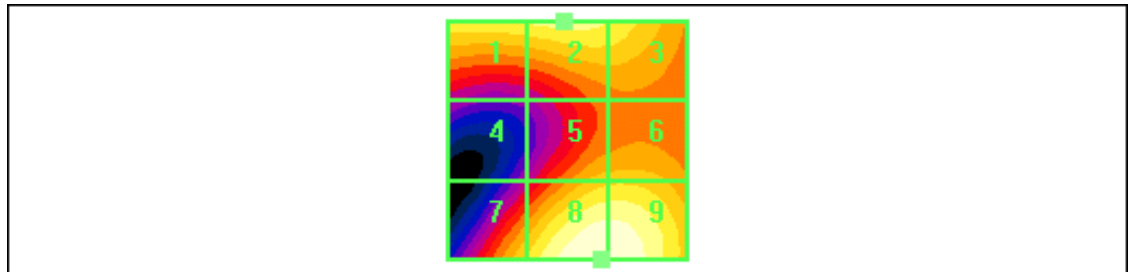
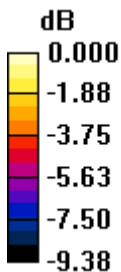
Grid 1	Grid 2	Grid 3
23.7 M4	24.3 M4	23.5 M4
Grid 4	Grid 5	Grid 6
14.7 M4	21.3 M4	21.5 M4
Grid 7	Grid 8	Grid 9
22.1 M4	27.0 M4	26.9 M4

Cursor:

Total = 27.0 V/m

E Category: M4

Location: -7, 25, 369.9 mm



0 dB = 27.0V/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.6 °C /600

Test Date Mar. 9, 2010

DUT: TXT8040; 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 Device Section ; Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 176

DASY4 Configuration:

- Probe: ER3DV6 - SN2343; ConvF(1, 1, 1); Calibrated: 2009-05-22
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn869; Calibrated: 2009-09-18
- 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 = 26.9 V/m

Probe Modulation Factor = 0.960

Device Reference Point: 0.000, 0.000, 353.7 mm

Reference Value = 23.6 V/m; Power Drift = 0.090 dB

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

Peak E-field in V/m

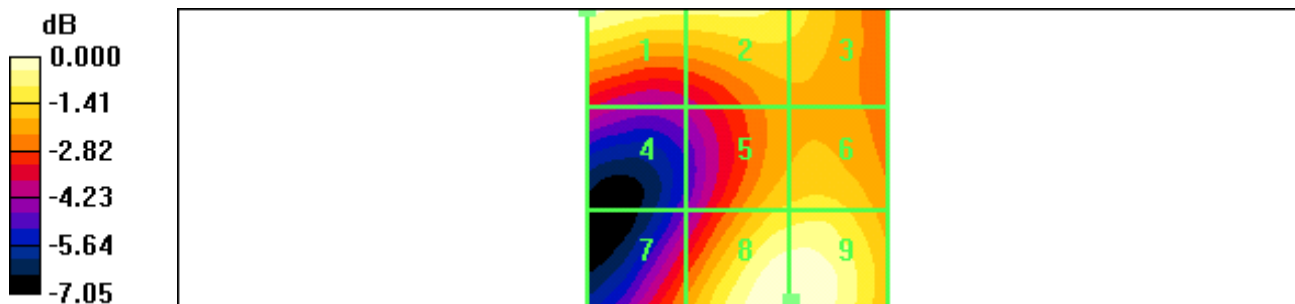
Grid 1	Grid 2	Grid 3
26.1 M4	24.8 M4	23.7 M4
Grid 4	Grid 5	Grid 6
17.6 M4	23.2 M4	23.6 M4
Grid 7	Grid 8	Grid 9
21.1 M4	26.9 M4	26.9 M4

Cursor:

Total = 26.9 V/m

E Category: M4

Location: -9, 24, 369.9 mm



0 dB = 26.9V/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.6 °C /1175

Test Date Mar. 9, 2010

DUT: TXT8040; 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 Device Section ; Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 176

DASY4 Configuration:

- Probe: ER3DV6 - SN2343; ConvF(1, 1, 1); Calibrated: 2009-05-22

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn869; Calibrated: 2009-09-18

- 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 = 26.9 V/m

Probe Modulation Factor = 0.960

Device Reference Point: 0.000, 0.000, 353.7 mm

Reference Value = 22.9 V/m; Power Drift = 0.051 dB

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

Peak E-field in V/m

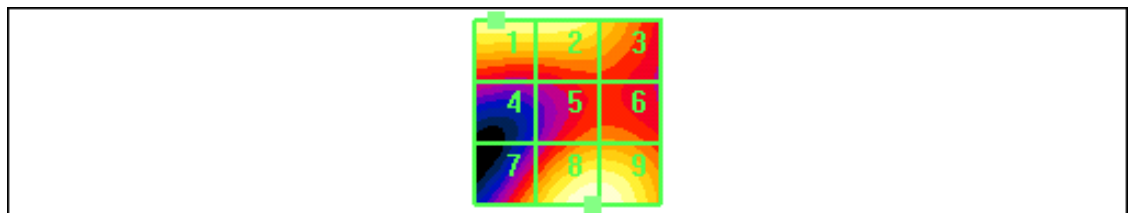
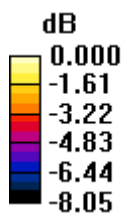
Grid 1	Grid 2	Grid 3
25.7 M4	25.6 M4	22.9 M4
Grid 4	Grid 5	Grid 6
16.8 M4	20.3 M4	20.4 M4
Grid 7	Grid 8	Grid 9
21.6 M4	26.9 M4	26.8 M4

Cursor:

Total = 26.9 V/m

E Category: M4

Location: -7, 25, 369.9 mm



0 dB = 26.9V/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.6 °C /1013

Test Date Mar. 9, 2010

DUT: TXT8040; 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: H Device Section ; Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 176

DASY4 Configuration:

- Probe: H3DV6 - SN6101; ; Calibrated: 2009-05-22
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn869; Calibrated: 2009-09-18
- 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 = 0.846

Device Reference Point: 0.000, 0.000, 353.7 mm

Reference Value = 0.056 A/m; Power Drift = -0.089 dB

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

Peak H-field in A/m

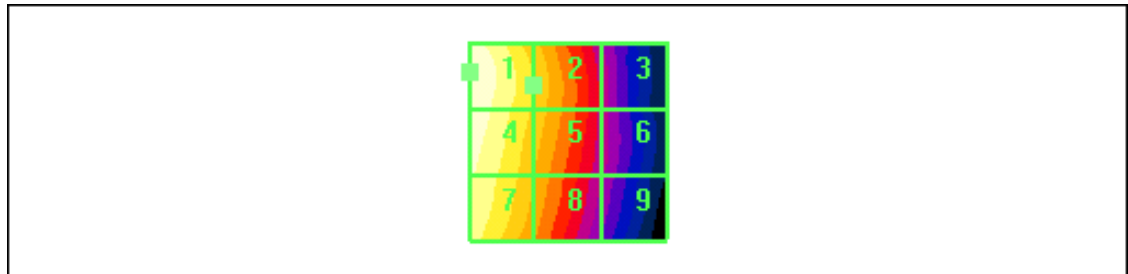
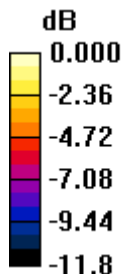
Grid 1	Grid 2	Grid 3
0.078 M4	0.060 M4	0.037 M4
Grid 4	Grid 5	Grid 6
0.078 M4	0.059 M4	0.037 M4
Grid 7	Grid 8	Grid 9
0.072 M4	0.054 M4	0.035 M4

Cursor:

Total = 0.078 A/m

H Category: M4

Location: 25, -18, 369.4 mm



0 dB = 0.078A/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.6 °C /384

Test Date Mar. 9, 2010

DUT: TXT8040; 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: H Device Section ; Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 176

DASY4 Configuration:

- Probe: H3DV6 - SN6101; ; Calibrated: 2009-05-22
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn869; Calibrated: 2009-09-18
- 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 = 0.105 A/m

Probe Modulation Factor = 0.846

Device Reference Point: 0.000, 0.000, 353.7 mm

Reference Value = 0.072 A/m; Power Drift = 0.062 dB

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

Peak H-field in A/m

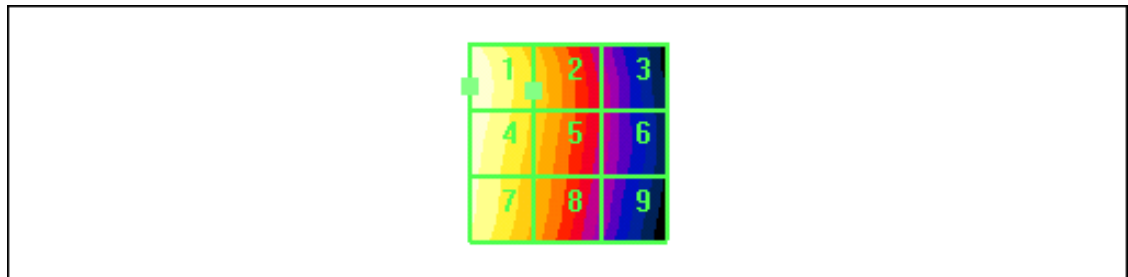
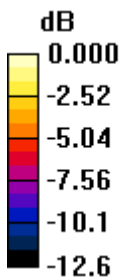
Grid 1	Grid 2	Grid 3
0.105 M4	0.078 M4	0.048 M4
Grid 4	Grid 5	Grid 6
0.103 M4	0.077 M4	0.048 M4
Grid 7	Grid 8	Grid 9
0.098 M4	0.073 M4	0.045 M4

Cursor:

Total = 0.105 A/m

H Category: M4

Location: 25, -14.5, 369.4 mm



0 dB = 0.105A/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.6 °C /777

Test Date Mar. 9, 2010

DUT: TXT8040; 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: H Device Section ; Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 176

DASY4 Configuration:

- Probe: H3DV6 - SN6101; ; Calibrated: 2009-05-22
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn869; Calibrated: 2009-09-18
- 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 = 0.095 A/m

Probe Modulation Factor = 0.846

Device Reference Point: 0.000, 0.000, 353.7 mm

Reference Value = 0.065 A/m; Power Drift = -0.067 dB

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

Peak H-field in A/m

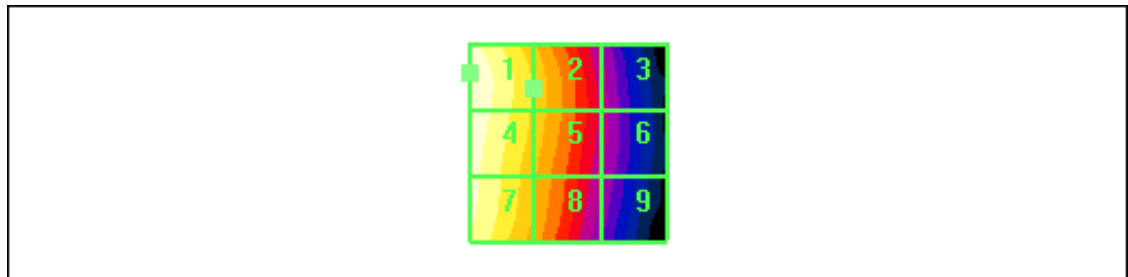
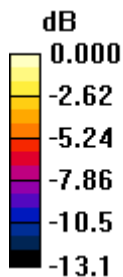
Grid 1	Grid 2	Grid 3
0.095 M4	0.069 M4	0.041 M4
Grid 4	Grid 5	Grid 6
0.094 M4	0.069 M4	0.041 M4
Grid 7	Grid 8	Grid 9
0.089 M4	0.065 M4	0.039 M4

Cursor:

Total = 0.095 A/m

H Category: M4

Location: 25, -18, 369.4 mm



0 dB = 0.095A/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.6 °C /25

Test Date Mar. 9, 2010

DUT: TXT8040; 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: H Device Section ; Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 176

DASY4 Configuration:

- Probe: H3DV6 - SN6101; ; Calibrated: 2009-05-22
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn869; Calibrated: 2009-09-18
- 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 = 0.055 A/m

Probe Modulation Factor = 0.733

Device Reference Point: 0.000, 0.000, 353.7 mm

Reference Value = 0.080 A/m; Power Drift = -0.114 dB

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

Peak H-field in A/m

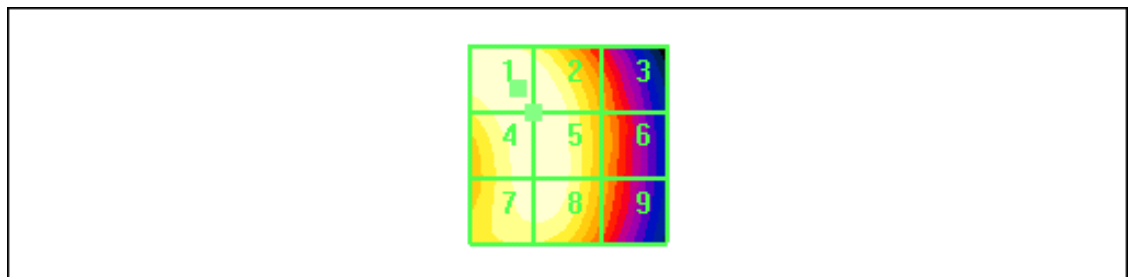
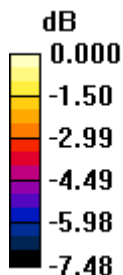
Grid 1	Grid 2	Grid 3
0.055 M4	0.055 M4	0.043 M4
Grid 4	Grid 5	Grid 6
0.055 M4	0.055 M4	0.045 M4
Grid 7	Grid 8	Grid 9
0.054 M4	0.055 M4	0.044 M4

Cursor:

Total = 0.055 A/m

H Category: M4

Location: 12.5, -14.5, 369.4 mm



0 dB = 0.055A/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.6 °C /600

Test Date Mar. 9, 2010

DUT: TXT8040; 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: H Device Section ; Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 176

DASY4 Configuration:

- Probe: H3DV6 - SN6101; ; Calibrated: 2009-05-22
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn869; Calibrated: 2009-09-18
- 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 = 0.056 A/m

Probe Modulation Factor = 0.733

Device Reference Point: 0.000, 0.000, 353.7 mm

Reference Value = 0.077 A/m; Power Drift = -0.097 dB

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

Peak H-field in A/m

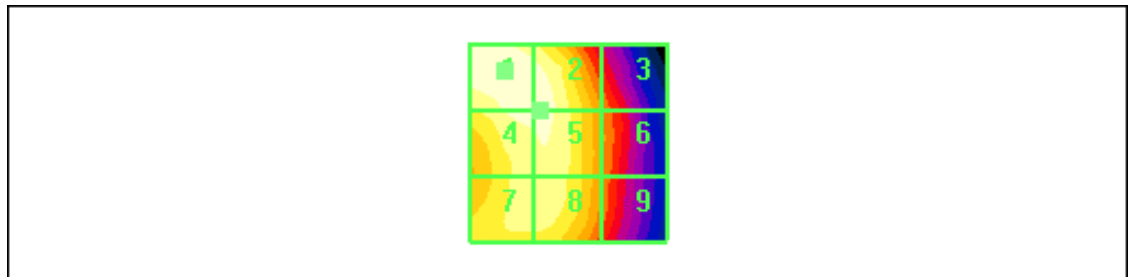
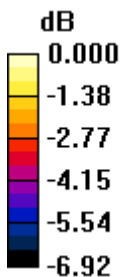
Grid 1	Grid 2	Grid 3
0.056 M4	0.055 M4	0.043 M4
Grid 4	Grid 5	Grid 6
0.054 M4	0.054 M4	0.044 M4
Grid 7	Grid 8	Grid 9
0.052 M4	0.052 M4	0.043 M4

Cursor:

Total = 0.056 A/m

H Category: M4

Location: 16, -18.5, 369.4 mm



0 dB = 0.056A/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.6 °C /1175

Test Date Mar. 9, 2010

DUT: TXT8040; 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: H Device Section ; Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 176

DASY4 Configuration:

- Probe: H3DV6 - SN6101; ; Calibrated: 2009-05-22
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn869; Calibrated: 2009-09-18
- 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 = 0.054 A/m

Probe Modulation Factor = 0.733

Device Reference Point: 0.000, 0.000, 353.7 mm

Reference Value = 0.076 A/m; Power Drift = 0.058 dB

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

Peak H-field in A/m

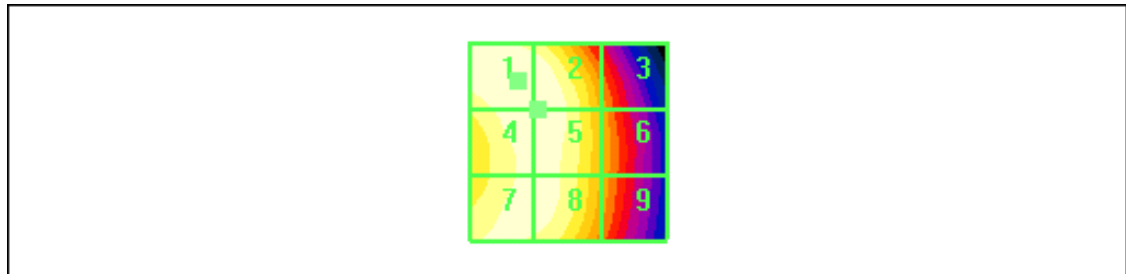
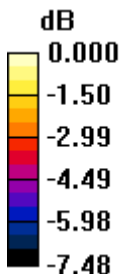
Grid 1	Grid 2	Grid 3
0.054 M4	0.054 M4	0.042 M4
Grid 4	Grid 5	Grid 6
0.054 M4	0.054 M4	0.043 M4
Grid 7	Grid 8	Grid 9
0.052 M4	0.052 M4	0.043 M4

Cursor:

Total = 0.054 A/m

H Category: M4

Location: 12.5, -15.5, 369.4 mm



0 dB = 0.054A/m