



Applicant:	Kyocera
FCC ID:	V65S2151
Report #:	CT- S2151-20RFC-0113-R0

CELL-BC0

CDMA 835 Channel 1013

Date: 01/22/2013

Communication System: CDMA_Tri_BC0&10, Frequency: 824.7 MHz, Duty Cycle: 1:1
 Medium: Air, Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³ Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³

Phantom: HAC Test Arch with AMCC, Phantom section: RF Section

DASY4 Configuration:

Probe: ER3DV6 - SN2341 Probe: H3DV6 - SN6123, ConvF(1, 1, 1), Calibrated: 9/14/2012 Calibrated: 2/17/2012

Sensor-Surface: (Fix Surface),

Electronics: DAE4 Sn527, Calibrated: 7/30/2012

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

Temperature: Room T = 21.8 °C, Liquid T = 22.0 °C, 1 deg C

CELL_1013/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 47.0 V/m

Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 60.4 V/m; Power Drift = -0.097 dB

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

Peak E-field in V/m

Grid 1 45.4 M4	Grid 2 46.1 M4	Grid 3 41.6 M4
Grid 4 46.4 M4	Grid 5 47.0 M4	Grid 6 43.0 M4
Grid 7 45.2 M4	Grid 8 46.1 M4	Grid 9 41.6 M4

CELL_1013/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.085 A/m

Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.045 A/m; Power Drift = -0.014 dB

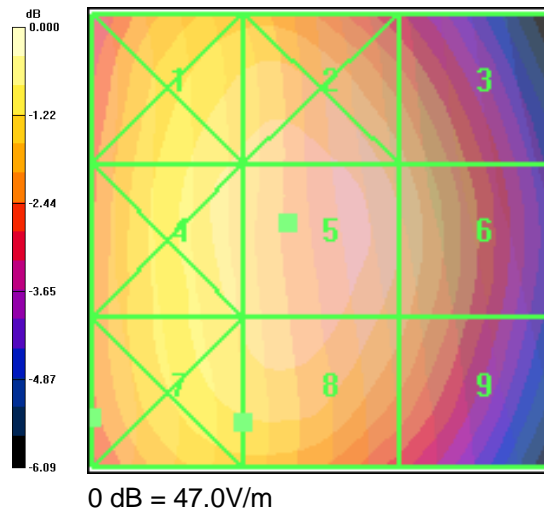
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

Grid 1 0.113 M4	Grid 2 0.081 M4	Grid 3 0.051 M4
Grid 4 0.113 M4	Grid 5 0.082 M4	Grid 6 0.054 M4
Grid 7 0.116 M4	Grid 8 0.085 M4	Grid 9 0.056 M4



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CDMA 835 Channel 384

Date: 01/22/2013

Communication System: CDMA_Tri_BC0&10, Frequency: 836.52 MHz, Duty Cycle: 1:1
 Medium: Air, Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³ Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³

Phantom: HAC Test Arch with AMCC, Phantom section: RF Section

DASY4 Configuration:

Probe: ER3DV6 - SN2341 Probe: H3DV6 - SN6123, ConvF(1, 1, 1), Calibrated: 9/14/2012 Calibrated: 2/17/2012

Sensor-Surface: (Fix Surface),

Electronics: DAE4 Sn527, Calibrated: 7/30/2012

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

Temperature: Room T = 21.8 °C 1 deg C, Liquid T = 22.0 °C 1 deg C

CELL_384/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 48.9 V/m

Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 63.4 V/m; Power Drift = -0.019 dB

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

Peak E-field in V/m

Grid 1 45.8 M4	Grid 2 47.3 M4	Grid 3 43.9 M4
Grid 4 47.0 M4	Grid 5 48.9 M4	Grid 6 46.1 M4
Grid 7 47.0 M4	Grid 8 48.4 M4	Grid 9 45.3 M4

CELL_384/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.078 A/m

Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.062 A/m; Power Drift = 0.033 dB

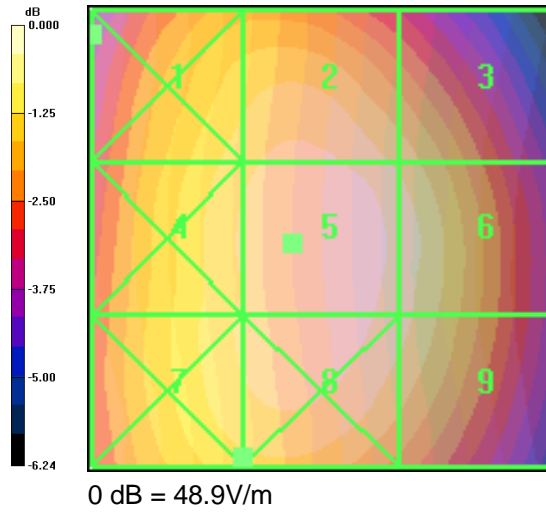
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

Grid 1 0.112 M4	Grid 2 0.078 M4	Grid 3 0.052 M4
Grid 4 0.107 M4	Grid 5 0.075 M4	Grid 6 0.050 M4
Grid 7 0.111 M4	Grid 8 0.078 M4	Grid 9 0.052 M4



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CDMA 835 Channel 777

Date: 01/22/2013

Communication System: CDMA_Tri_BC0&10, Frequency: 848.31 MHz, Duty Cycle: 1:1
 Medium: Air, Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³ Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³

Phantom: HAC Test Arch with AMCC, Phantom section: RF Section

DASY4 Configuration:

Probe: ER3DV6 - SN2341 Probe: H3DV6 - SN6123, ConvF(1, 1, 1), Calibrated: 9/14/2012 Calibrated: 2/17/2012

Sensor-Surface: (Fix Surface),

Electronics: DAE4 Sn527, Calibrated: 7/30/2012

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

Temperature: Room T = 21.8 °C 1 deg C, Liquid T = 22.0 °C 1 deg C

CELL_777/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 52.5 V/m

Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 67.6 V/m; Power Drift = 0.086 dB

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

Peak E-field in V/m

Grid 1 48.5 M4	Grid 2 50.7 M4	Grid 3 49.2 M4
Grid 4 49.7 M4	Grid 5 52.5 M4	Grid 6 51.9 M4
Grid 7 49.2 M4	Grid 8 51.7 M4	Grid 9 50.6 M4

CELL_777/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.086 A/m

Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.058 A/m; Power Drift = 0.045 dB

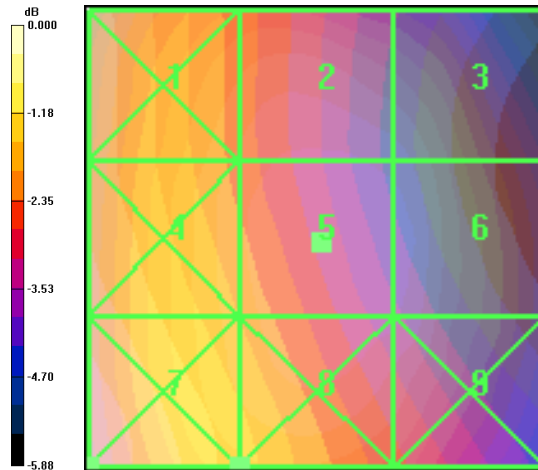
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

Grid 1 0.096 M4	Grid 2 0.066 M4	Grid 3 0.044 M4
Grid 4 0.105 M4	Grid 5 0.075 M4	Grid 6 0.048 M4
Grid 7 0.119 M4	Grid 8 0.086 M4	Grid 9 0.059 M4



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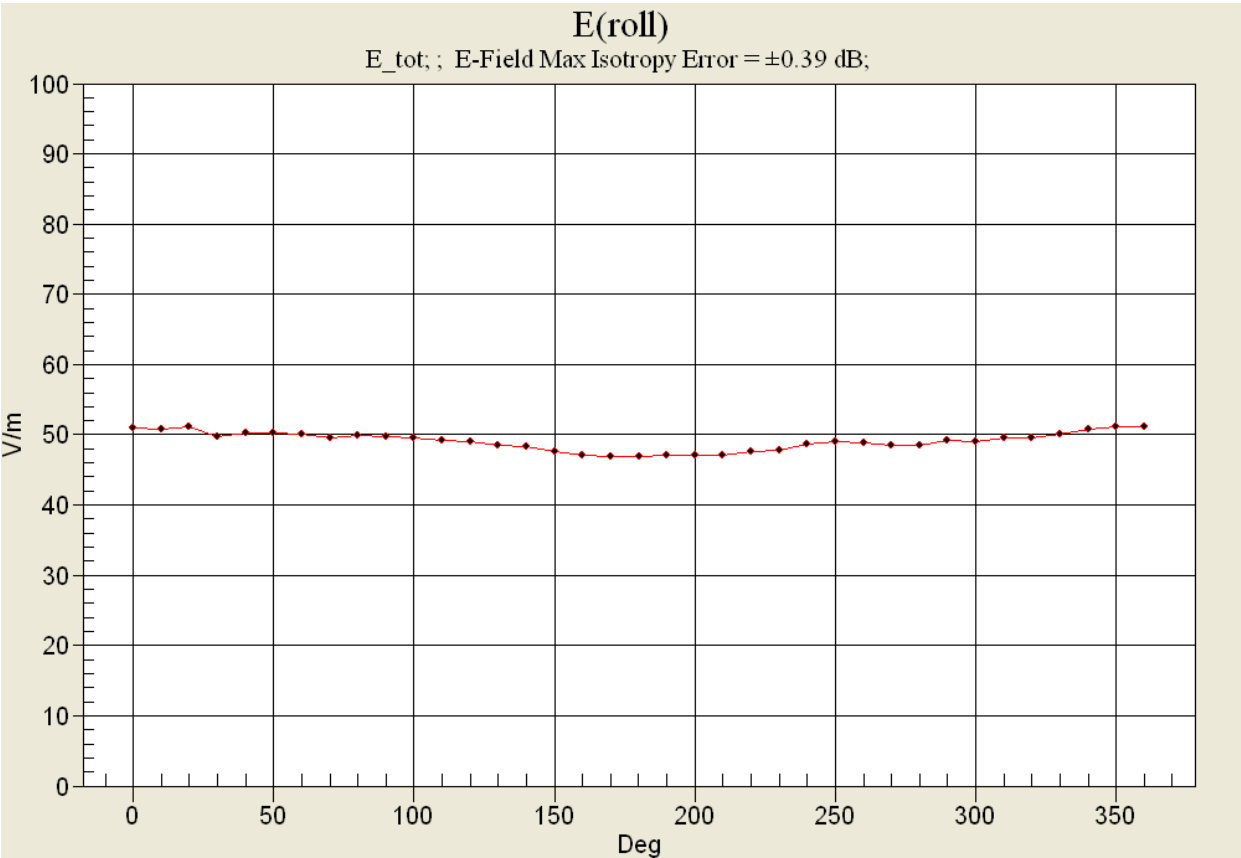


0 dB = 52.5V/m



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CDMA 835 Channel 777 (360) E roll



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CELL-BC10

CDMA 835 Channel 476

Date: 01/22/2013

Communication System: CDMA_Tri_BC0&10, Frequency: 817.9 MHz, Duty Cycle: 1:1
 Medium: Air, Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³ Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³

Phantom: HAC Test Arch with AMCC, Phantom section: RF Section

DASY4 Configuration:

Probe: ER3DV6 - SN2341 Probe: H3DV6 - SN6123, ConvF(1, 1, 1), Calibrated: 9/14/2012 Calibrated: 2/17/2012

Sensor-Surface: (Fix Surface),

Electronics: DAE4 Sn527, Calibrated: 7/30/2012

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

Temperature: Room T = 21.8 °C, Liquid T = 22.0 °C, 1 deg C

CELL_476/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 38.1 V/m

Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 47.8 V/m; Power Drift = -0.178 dB

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

Peak E-field in V/m

Grid 1 36.0 M4	Grid 2 36.2 M4	Grid 3 31.1 M4
Grid 4 37.9 M4	Grid 5 38.1 M4	Grid 6 32.8 M4
Grid 7 37.9 M4	Grid 8 38.1 M4	Grid 9 32.6 M4

CELL_476/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.062 A/m

Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.051 A/m; Power Drift = -0.197 dB

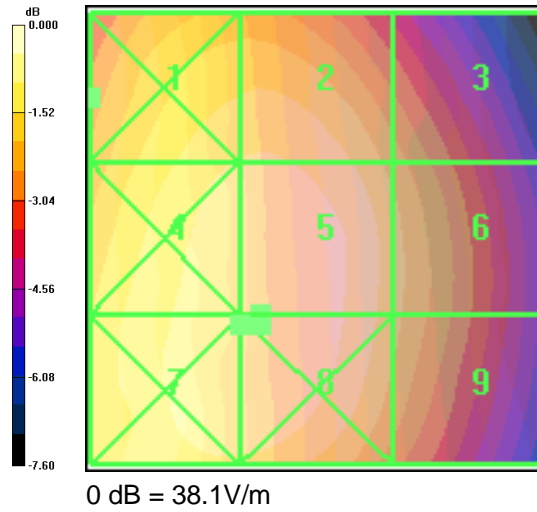
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

Grid 1 0.089 M4	Grid 2 0.058 M4	Grid 3 0.038 M4
Grid 4 0.088 M4	Grid 5 0.061 M4	Grid 6 0.038 M4
Grid 7 0.088 M4	Grid 8 0.062 M4	Grid 9 0.039 M4



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CDMA 835 Channel 580

Date: 01/22/2013

Communication System: CDMA_Tri_BC0&10, Frequency: 820.5 MHz, Duty Cycle: 1:1
 Medium: Air, Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³ Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³

Phantom: HAC Test Arch with AMCC, Phantom section: RF Section

DASY4 Configuration:

Probe: ER3DV6 - SN2341 Probe: H3DV6 - SN6123, ConvF(1, 1, 1), Calibrated: 9/14/2012 Calibrated: 2/17/2012

Sensor-Surface: (Fix Surface),

Electronics: DAE4 Sn527, Calibrated: 7/30/2012

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

Temperature: Room T = 21.8 °C, Liquid T = 22.0 °C, 1 deg C

CELL_580/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 41.9 V/m

Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 55.2 V/m; Power Drift = -0.191 dB

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

Peak E-field in V/m

Grid 1 40.3 M4	Grid 2 40.8 M4	Grid 3 35.7 M4
Grid 4 41.4 M4	Grid 5 41.9 M4	Grid 6 37.2 M4
Grid 7 40.9 M4	Grid 8 41.1 M4	Grid 9 36.3 M4

CELL_580/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.075 A/m

Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.061 A/m; Power Drift = 0.034 dB

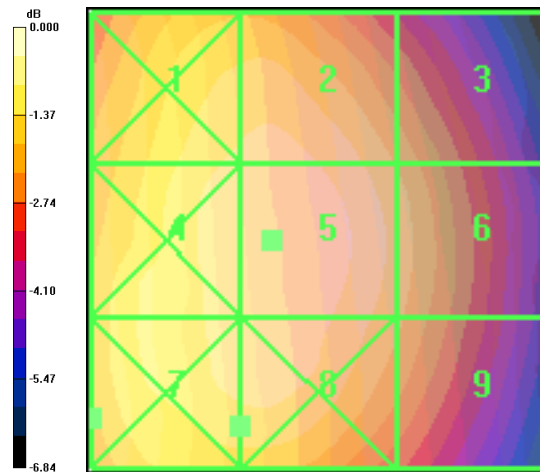
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

Grid 1 0.104 M4	Grid 2 0.071 M4	Grid 3 0.047 M4
Grid 4 0.105 M4	Grid 5 0.073 M4	Grid 6 0.050 M4
Grid 7 0.109 M4	Grid 8 0.075 M4	Grid 9 0.051 M4



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0 dB = 41.9V/m

CDMA 835 Channel 684

Date: 01/22/2013

Communication System: CDMA_Tri_BC0&10, Frequency: 823.1 MHz, Duty Cycle: 1:1
 Medium: Air, Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³ Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³

Phantom: HAC Test Arch with AMCC, Phantom section: RF Section

DASY4 Configuration:

Probe: ER3DV6 - SN2341 Probe: H3DV6 - SN6123, ConvF(1, 1, 1), Calibrated: 9/14/2012 Calibrated: 2/17/2012

Sensor-Surface: (Fix Surface),

Electronics: DAE4 Sn527, Calibrated: 7/30/2012

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

Temperature: Room T = 21.8 °C, Liquid T = 22.0 °C, 1 deg C

CELL_684/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 43.7 V/m

Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 55.3 V/m; Power Drift = -0.004 dB

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

Peak E-field in V/m

Grid 1 42.7 M4	Grid 2 43.1 M4	Grid 3 38.1 M4
Grid 4 43.3 M4	Grid 5 43.7 M4	Grid 6 39.0 M4
Grid 7 42.2 M4	Grid 8 42.6 M4	Grid 9 37.5 M4

CELL_684/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.080 A/m

Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.064 A/m; Power Drift = 0.093 dB

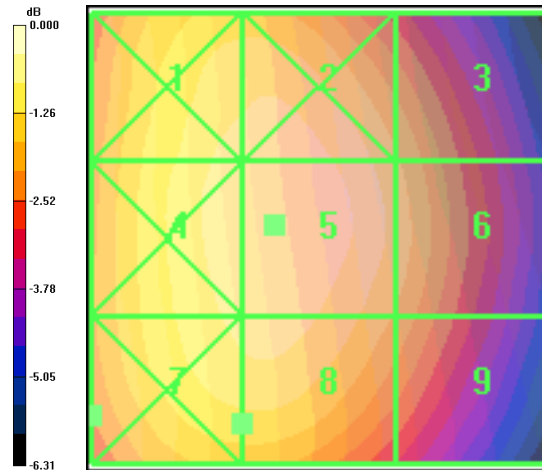
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

Grid 1 0.107 M4	Grid 2 0.075 M4	Grid 3 0.049 M4
Grid 4 0.108 M4	Grid 5 0.078 M4	Grid 6 0.053 M4
Grid 7 0.110 M4	Grid 8 0.080 M4	Grid 9 0.055 M4



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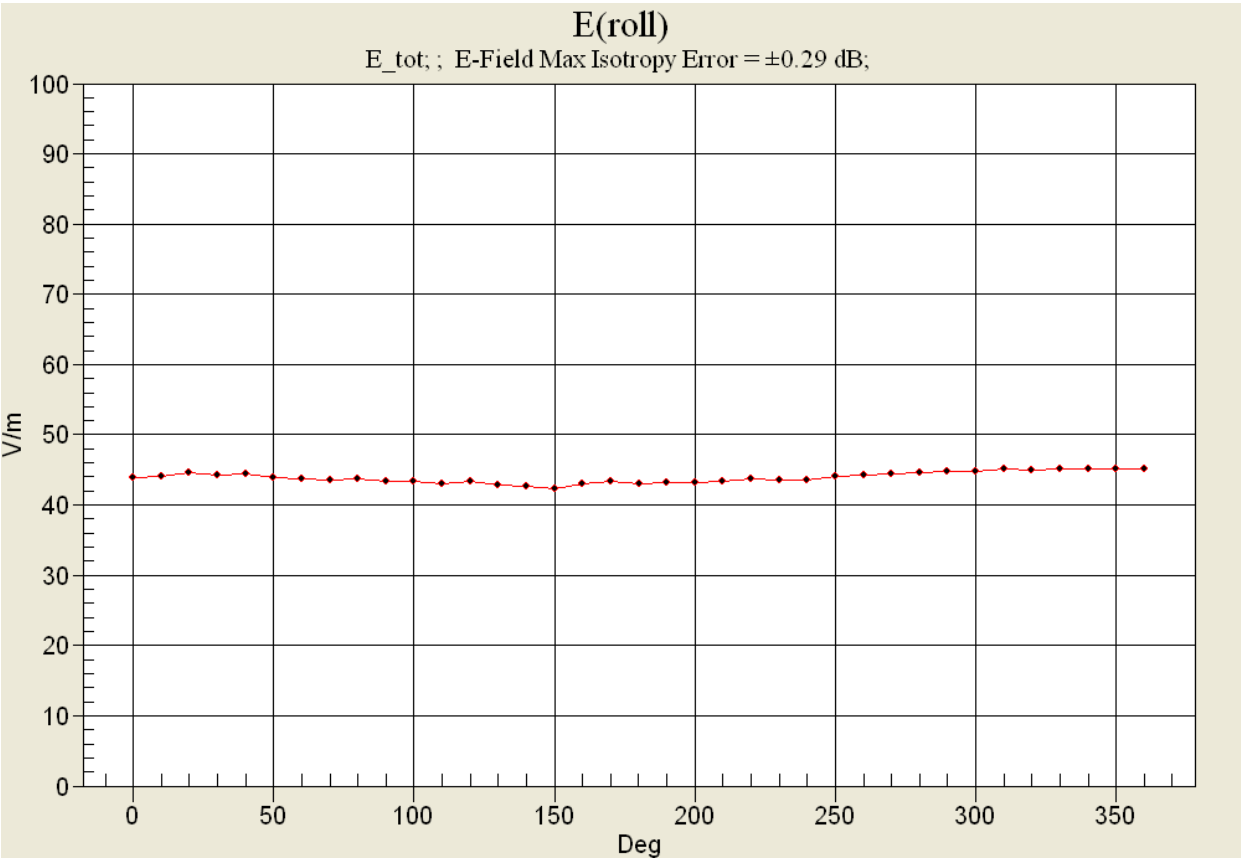


0 dB = 43.7V/m



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CDMA 835 Channel 684 (360) E roll



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FCC ID:	V65S2151
Report #:	CT- S2151-20RFC-0113-R0

PCS

CDMA 1900 Channel 25

Date: 01/22/2013

Communication System: CDMA_Tri_BC0&10, Frequency: 1850 MHz, Duty Cycle: 1:1
 Medium: Air, Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³ Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³

Phantom: HAC Test Arch with AMCC, Phantom section: RF Section

DASY4 Configuration:

Probe: ER3DV6 - SN2341 Probe: H3DV6 - SN6123, ConvF(1, 1, 1), Calibrated: 9/14/2012 Calibrated: 2/17/2012

Sensor-Surface: (Fix Surface),

Electronics: DAE4 Sn527, Calibrated: 7/30/2012

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

Temperature: Room T = 21.8 °C 1 deg C, Liquid T = 22.0 °C 1 deg C

PCS_25/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 36.6 V/m

Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 46.2 V/m; Power Drift = -0.087 dB

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

Peak E-field in V/m

Grid 1 26.5 M4	Grid 2 30.6 M4	Grid 3 29.7 M4
Grid 4 30.5 M4	Grid 5 36.6 M4	Grid 6 35.2 M4
Grid 7 30.6 M4	Grid 8 37.1 M4	Grid 9 35.6 M4

PCS_25/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.122 A/m

Probe Modulation Factor = 1.00

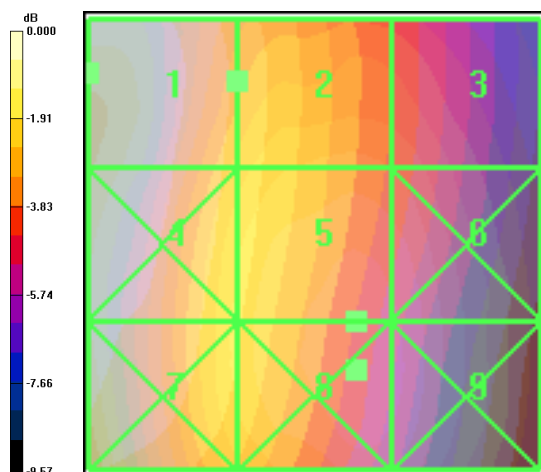
Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.085 A/m; Power Drift = -0.027 dB

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

Peak H-field in A/m

Grid 1 0.122 M4	Grid 2 0.103 M4	Grid 3 0.071 M4
Grid 4 0.120 M4	Grid 5 0.101 M4	Grid 6 0.070 M4
Grid 7 0.117 M4	Grid 8 0.097 M4	Grid 9 0.063 M4



0 dB = 37.1V/m

CDMA 1900 Channel 600

Date: 01/22/2013

Communication System: CDMA_Tri_BC0&10, Frequency: 1880 MHz, Duty Cycle: 1:1
 Medium: Air, Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³ Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³

Phantom: HAC Test Arch with AMCC, Phantom section: RF Section

DASY4 Configuration:

Probe: ER3DV6 - SN2341 Probe: H3DV6 - SN6123, ConvF(1, 1, 1), Calibrated: 9/14/2012 Calibrated: 2/17/2012

Sensor-Surface: (Fix Surface),

Electronics: DAE4 Sn527, Calibrated: 7/30/2012

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

Temperature: Room T = 21.8 °C, Liquid T = 22.0 °C, 1 deg C

PCS_600/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 28.9 V/m

Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 32.0 V/m; Power Drift = -0.106 dB

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

Peak E-field in V/m

Grid 1 19.3 M4	Grid 2 21.6 M4	Grid 3 21.8 M4
Grid 4 23.8 M4	Grid 5 28.9 M4	Grid 6 28.7 M4
Grid 7 26.0 M4	Grid 8 30.4 M4	Grid 9 30.1 M4

PCS_600/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.081 A/m

Probe Modulation Factor = 1.00

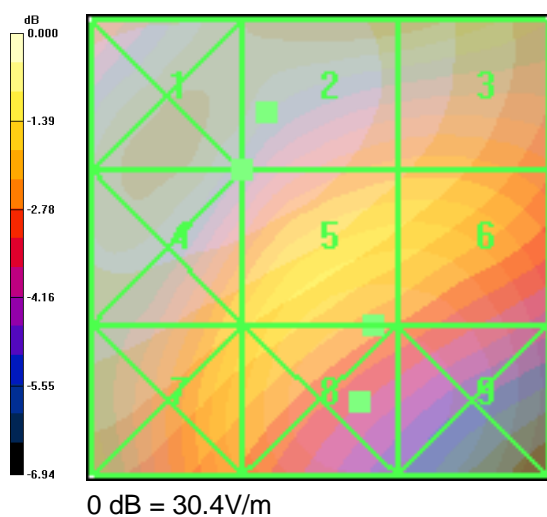
Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.029 A/m; Power Drift = -0.054 dB

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

Peak H-field in A/m

Grid 1 0.081 M4	Grid 2 0.081 M4	Grid 3 0.075 M4
Grid 4 0.080 M4	Grid 5 0.079 M4	Grid 6 0.071 M4
Grid 7 0.073 M4	Grid 8 0.066 M4	Grid 9 0.053 M4



CDMA 1900 Channel 1175

Date: 01/22/2013

Communication System: CDMA_Tri_BC0&10, Frequency: 1910 MHz, Duty Cycle: 1:1
 Medium: Air, Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³ Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³

Phantom: HAC Test Arch with AMCC, Phantom section: RF Section

DASY4 Configuration:

Probe: ER3DV6 - SN2341 Probe: H3DV6 - SN6123, ConvF(1, 1, 1), Calibrated: 9/14/2012 Calibrated: 2/17/2012

Sensor-Surface: (Fix Surface),

Electronics: DAE4 Sn527, Calibrated: 7/30/2012

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

Temperature: Room T = 21.8 °C, Liquid T = 22.0 °C, 1 deg C

PCS_1175/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 20.4 V/m

Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 25.8 V/m; Power Drift = -0.024 dB

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

Peak E-field in V/m

Grid 1 24.2 M4	Grid 2 23.9 M4	Grid 3 19.6 M4
Grid 4 16.8 M4	Grid 5 20.1 M4	Grid 6 20.0 M4
Grid 7 17.8 M4	Grid 8 20.4 M4	Grid 9 20.2 M4

PCS_1175/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.083 A/m

Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.029 A/m; Power Drift = 0.033 dB

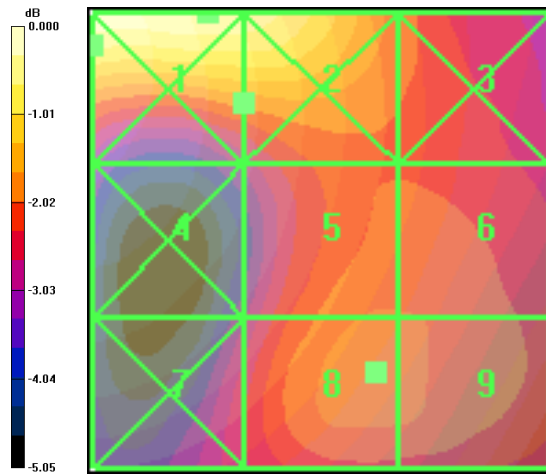
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

Grid 1 0.104 M4	Grid 2 0.083 M4	Grid 3 0.061 M4
Grid 4 0.098 M4	Grid 5 0.082 M4	Grid 6 0.061 M4
Grid 7 0.083 M4	Grid 8 0.073 M4	Grid 9 0.054 M4



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0 dB = 24.2V/m

CDMA 1900 Channel 25 (360) E roll

