



Applicant	Kyocera
FCC ID:	OVF-K5301
Report #:	CT- K5301-C2PC 20RFC-0711-R0

Exhibit 12 Appendix C: HAC RF Data Plot

PCS

CDMA 1900 Channel 25

Date: 07/25/2011

Communication System: CDMA-1900, Frequency: 1850 MHz Frequency: 1851.25 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 - SN2282 Probe: H3DV6 - SN6123, ConvF(1, 1, 1), Calibrated: 1/20/2011 Calibrated: 1/25/2011

Sensor-Surface: (Fix Surface),

Electronics: DAE4 Sn603, Calibrated: 9/20/2010

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

Temperature:

Room T = 21.8̄ 1 deg C, Liquid T = 22.0̄ 1 deg C

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

Maximum value of peak Total field = 31.3 V/m

Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 21.9 V/m; Power Drift = -0.170 dB

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

Peak E-field in V/m

Grid 1 31.3 M4	Grid 2 24.9 M4	Grid 3 21.4 M4
Grid 4 22.0 M4	Grid 5 29.9 M4	Grid 6 30.1 M4
Grid 7 32.5 M4	Grid 8 35.7 M4	Grid 9 35.1 M4

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

Maximum value of peak Total field = 0.108 A/m

Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm

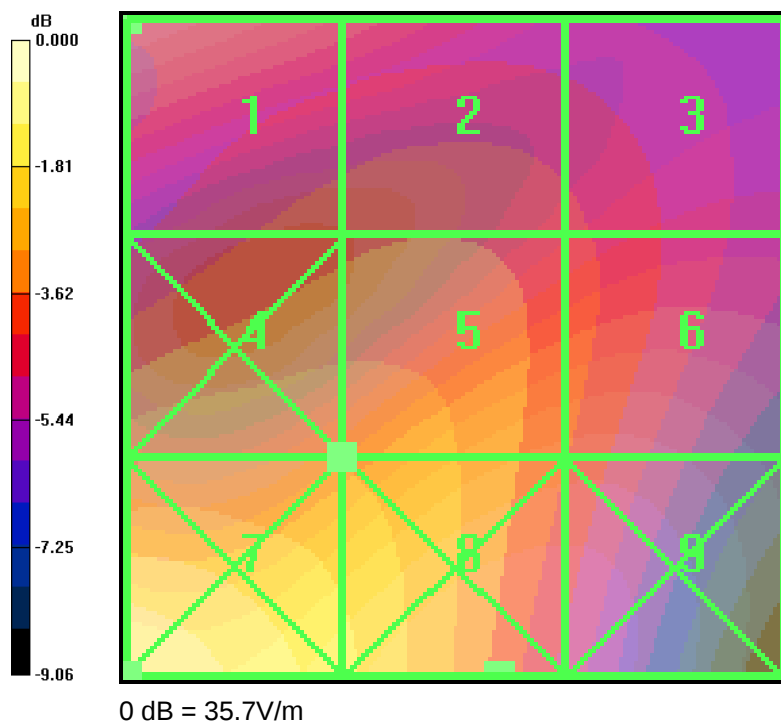
Reference Value = 0.109 A/m; Power Drift = 0.151 dB

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

Peak H-field in A/m

Grid 1 0.094 M4	Grid 2 0.096 M4	Grid 3 0.092 M4
Grid 4 0.109 M4	Grid 5 0.108 M4	Grid 6 0.093 M4
Grid 7 0.138 M4	Grid 8 0.117 M4	Grid 9 0.090 M4

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CDMA 1900 Channel 600

Date: 07/25/2011

Communication System: CDMA-1900, 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 - SN2282 Probe: H3DV6 - SN6123, ConvF(1, 1, 1), Calibrated: 1/20/2011 Calibrated: 1/25/2011

Sensor-Surface: (Fix Surface),

Electronics: DAE4 Sn603, Calibrated: 9/20/2010

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

Temperature:

Room T = 21.8̄ 1 deg C, Liquid T = 22.0̄ 1 deg C

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

Maximum value of peak Total field = 33.4 V/m

Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 19.9 V/m; Power Drift = -0.136 dB

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

Peak E-field in V/m

Grid 1 33.4 M4	Grid 2 27.8 M4	Grid 3 22.1 M4
Grid 4 20.7 M4	Grid 5 28.7 M4	Grid 6 28.9 M4
Grid 7 32.4 M4	Grid 8 36.4 M4	Grid 9 35.8 M4

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

Maximum value of peak Total field = 0.104 A/m

Probe Modulation Factor = 1.00

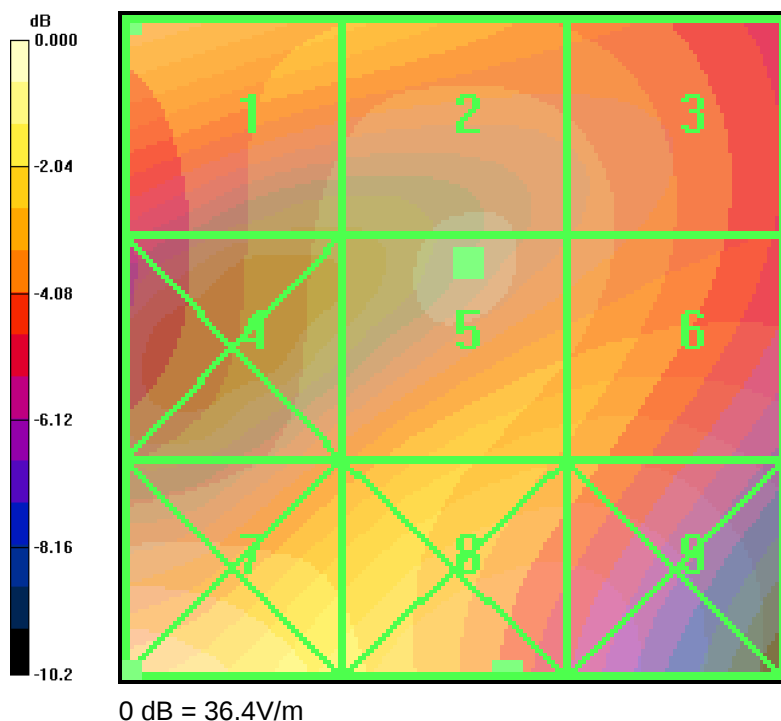
Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.117 A/m; Power Drift = -0.150 dB

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

Peak H-field in A/m

Grid 1 0.100 M4	Grid 2 0.104 M4	Grid 3 0.101 M4
Grid 4 0.100 M4	Grid 5 0.104 M4	Grid 6 0.101 M4
Grid 7 0.123 M4	Grid 8 0.106 M4	Grid 9 0.091 M4



CDMA 1900 Channel 1175

Date: 07/25/2011

Communication System: CDMA-1900, Frequency: 1910 MHz Frequency: 1908.75 MHz, Duty Cycle: 1:1
 Medium: Air, Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³ Medium parameters used: σ
 $= 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³

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

DASY4 Configuration:

Probe: ER3DV6 - SN2282 Probe: H3DV6 - SN6123, ConvF(1, 1, 1), Calibrated: 1/20/2011 Calibrated:
 1/25/2011

Sensor-Surface: (Fix Surface),

Electronics: DAE4 Sn603, Calibrated: 9/20/2010

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

Temperature:

Room T = 21.8̄ 1 deg C, Liquid T = 22.0̄ 1 deg C

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

Maximum value of peak Total field = 33.2 V/m

Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 20.7 V/m; Power Drift = 0.037 dB

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

Peak E-field in V/m

Grid 1 33.2 M4	Grid 2 28.7 M4	Grid 3 23.6 M4
Grid 4 19.9 M4	Grid 5 27.4 M4	Grid 6 27.5 M4
Grid 7 30.7 M4	Grid 8 34.2 M4	Grid 9 33.3 M4

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

Maximum value of peak Total field = 0.102 A/m

Probe Modulation Factor = 1.00

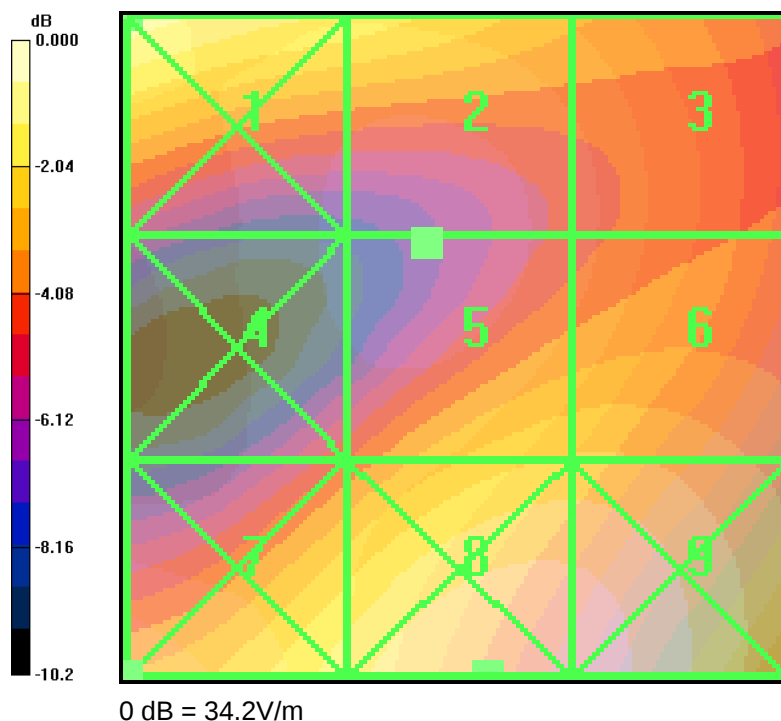
Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.112 A/m; Power Drift = 0.044 dB

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

Peak H-field in A/m

Grid 1 0.101 M4	Grid 2 0.102 M4	Grid 3 0.097 M4
Grid 4 0.101 M4	Grid 5 0.102 M4	Grid 6 0.097 M4
Grid 7 0.110 M4	Grid 8 0.097 M4	Grid 9 0.086 M4



CDMA 1900 Channel 600 (360) E roll

