



Applicant	Kyocera
FCC ID:	OVF-K5301
Report #:	CT- K5301-C2PC 20RFB-0911-R0

Exhibit 12 Appendix B: HAC RF Validation Plot

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Report #:	CT- K5301-C2PC 20RFB-0911-R0

Date: 09/06/2011

K5301_E_Dipole_1880

Communication System: CW, Frequency: 1900 MHz, Duty Cycle: 1:1
 Medium: Air, Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³
 Phantom: HAC Test Arch with AMCC, Phantom section: RF Section

DASY4 Configuration:

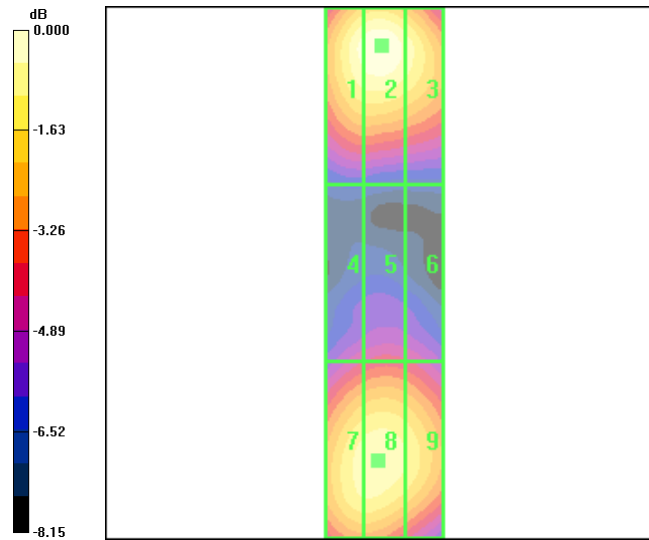
Probe: ER3DV6 - SN2282, ConvF(1, 1, 1), Calibrated: 1/20/2011
 Sensor-Surface: (Fix Surface),
 Electronics: DAE4 Sn527, Calibrated: 7/13/2011
 Measurement SW: DASY4, V4.7 Build 80
 Postprocessing SW: SEMCAD, V1.8 Build 186
Temperature: Room T = 21.8 +/- 1 deg C, Liquid T = 22.0 +/- 1 deg C

E Scan 1880 - measurement distance from the probe sensor center to CD1880 Dipole = 10mm/Hearing Aid Compatibility Test (41x181x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 145.8 V/m
 Probe Modulation Factor = 1.00
 Device Reference Point: 0.000, 0.000, -6.30 mm
 Reference Value = 137.6 V/m; Power Drift = -0.142 dB

Peak E-field in V/m

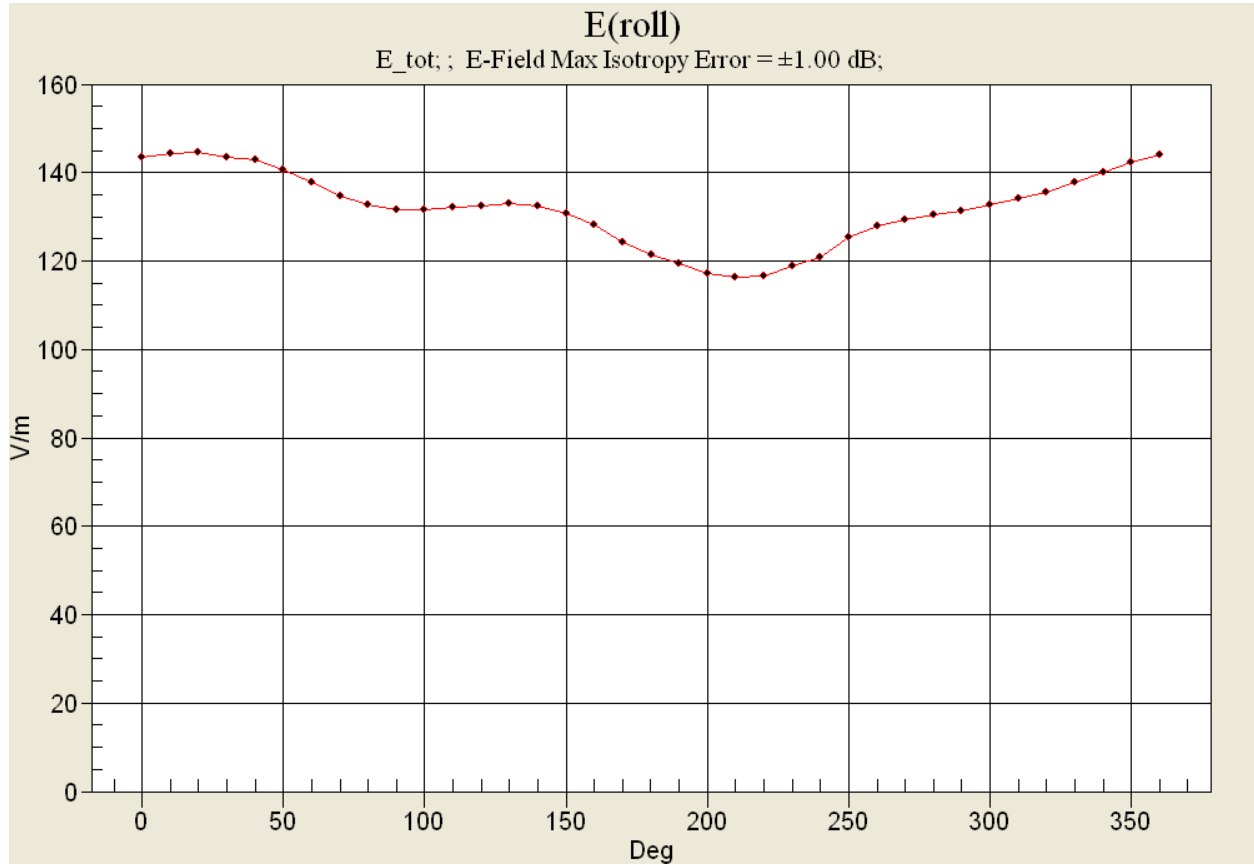
Grid 1 141.5 M2	Grid 2 145.8 M2	Grid 3 135.3 M2
Grid 4 88.5 M3	Grid 5 91.9 M3	Grid 6 89.8 M3
Grid 7 133.9 M2	Grid 8 135.5 M2	Grid 9 129.5 M2



0 dB = 145.8V/m



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Date: 09/02/2011

K5301_H_Dipole_1880

Communication System: CW, Frequency: 1800 MHz, Duty Cycle: 1:1
 Medium: Air, 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: H3DV6 - SN6123, , Calibrated: 1/25/2011
 Sensor-Surface: (Fix Surface),
 Electronics: DAE4 Sn527, Calibrated: 7/13/2011
 Measurement SW: DASY4, V4.7 Build 80
 Postprocessing SW: SEMCAD, V1.8 Build 186
Temperature: Room T = 21.8 +/- 1 deg C, Liquid T = 22.0 +/- 1 deg C

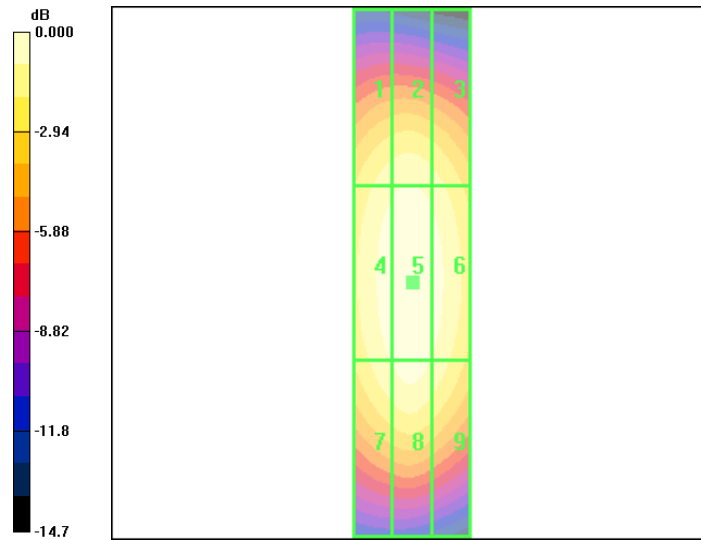
H Scan - measurement distance from the probe sensor center to CD1880 Dipole = 10mm/Hearing

Aid Compatibility Test (41x181x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.492 A/m
 Probe Modulation Factor = 1.00
 Device Reference Point: 0.000, 0.000, -6.30 mm
 Reference Value = 0.538 A/m; Power Drift = 0.058 dB

Peak H-field in A/m

Grid 1 0.425 M2	Grid 2 0.442 M2	Grid 3 0.416 M2
Grid 4 0.469 M2	Grid 5 0.492 M2	Grid 6 0.464 M2
Grid 7 0.441 M2	Grid 8 0.465 M2	Grid 9 0.433 M2



0 dB = 0.492A/m