



Applicant	Kyocera
FCC ID:	OVF-K33BIC06
Report #:	CT-K33BIC-06B C2PC-20RFB-0111-R0

CELL

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Report #:	CT-K33BIC-06B C2PC-20RFB-0111-R0

Validation E Field Probe SN2341, Dipole SN1020, 835MHz

Date 01/13/2011

Communication System: CW, Frequency: 835 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 - SN2341, ConvF(1, 1, 1), Calibrated: 7/12/2010
 Sensor-Surface: (Fix Surface),
 Electronics: DAE4 Sn527, Calibrated: 7/8/2010
 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

E Scan 835 - measurement distance from the probe sensor center to CD835 Dipole = 10mm/Hearing Aid Compatibility Test (41x361x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 167.7 V/m

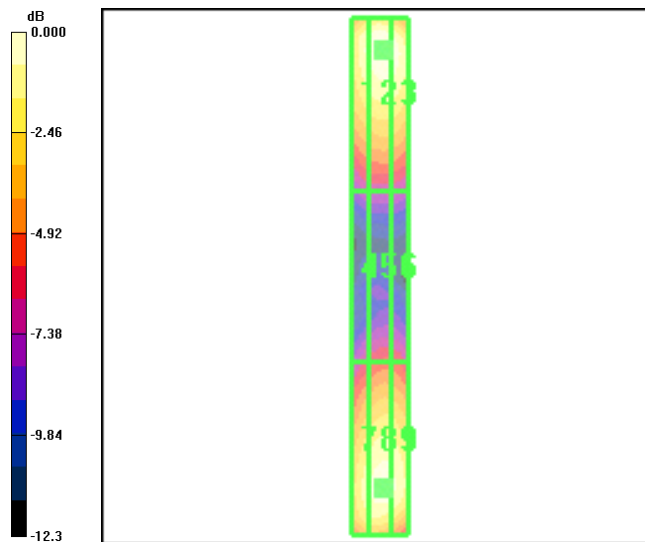
Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 175.8 V/m; Power Drift = -0.124 dB

Peak E-field in V/m

Grid 1 160.0 M4	Grid 2 167.7 M4	Grid 3 165.5 M4
Grid 4 83.8 M4	Grid 5 90.2 M4	Grid 6 89.7 M4
Grid 7 151.8 M4	Grid 8 160.6 M4	Grid 9 158.1 M4



0 dB = 167.7V/m

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Validation H Field Probe SN6029, Dipole SN1020, 835MHz

Date 01/12/2011

Communication System: CW, Frequency: 835 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: H3DV5 - SN6029, , Calibrated: 7/16/2010
 Sensor-Surface: (Fix Surface),
 Electronics: DAE4 Sn527, Calibrated: 7/8/2010
 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

H Scan - measurement distance from the probe sensor center to CD835 Dipole = 10mm/Hearing

Aid Compatibility Test (41x361x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.492 A/m

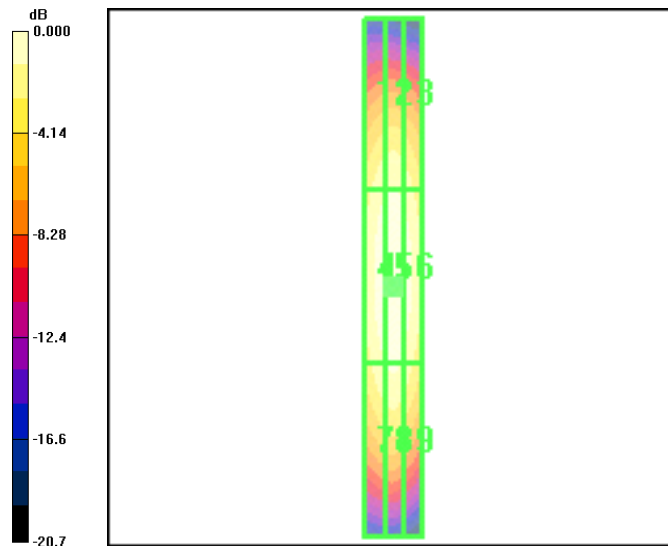
Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.522 A/m; Power Drift = 0.071 dB

Peak H-field in A/m

Grid 1 0.413 M4	Grid 2 0.426 M4	Grid 3 0.400 M4
Grid 4 0.470 M4	Grid 5 0.492 M4	Grid 6 0.461 M4
Grid 7 0.415 M4	Grid 8 0.434 M4	Grid 9 0.400 M4



0 dB = 0.492A/m

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Validation E Field Probe SN2341, Dipole SN1015, 1900MHz

Date 01/13/2011

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 - SN2341, ConvF(1, 1, 1), Calibrated: 7/12/2010
 Sensor-Surface: (Fix Surface),
 Electronics: DAE4 Sn527, Calibrated: 7/8/2010
 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

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 = 141.0 V/m

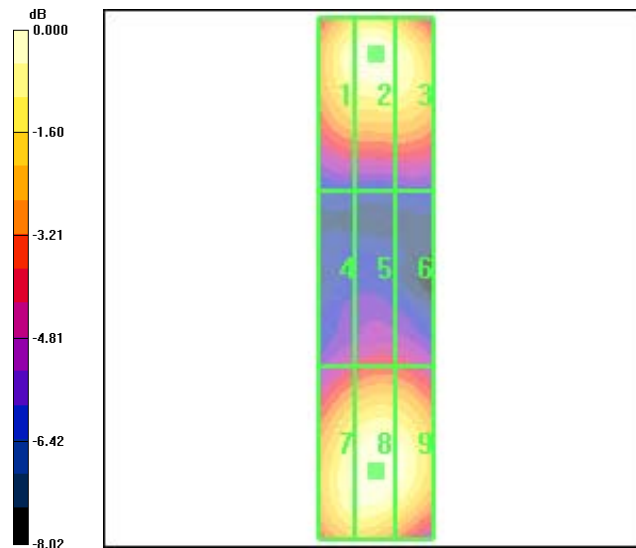
Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 146.5 V/m; Power Drift = -0.065 dB

Peak E-field in V/m

Grid 1 136.2 M2	Grid 2 141.0 M2	Grid 3 135.3 M2
Grid 4 87.7 M3	Grid 5 92.6 M3	Grid 6 91.3 M3
Grid 7 136.3 M2	Grid 8 141.0 M2	Grid 9 137.6 M2



0 dB = 141.0V/m

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Validation H Field Probe SN6029, Dipole SN1015, 1900MHz

Date 01/12/2011

Communication System: CW, Frequency: 1900 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: H3DV5 - SN6029, , Calibrated: 7/16/2010
 Sensor-Surface: (Fix Surface),
 Electronics: DAE4 Sn527, Calibrated: 7/8/2010
 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

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 = 0.486 A/m

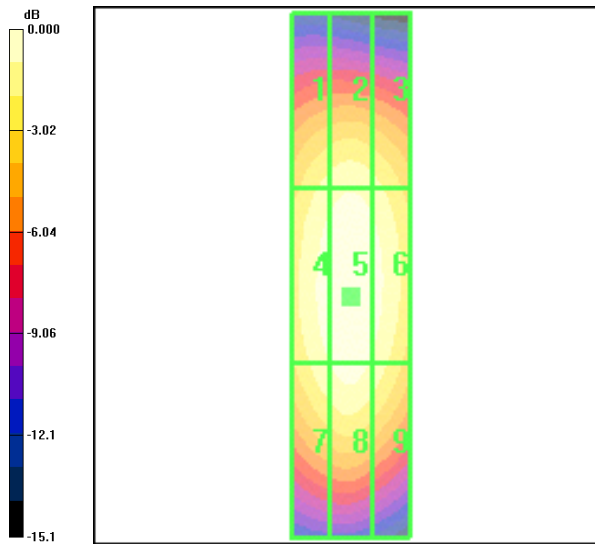
Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.511 A/m; Power Drift = 0.064 dB

Peak H-field in A/m

Grid 1 0.409 M2	Grid 2 0.427 M2	Grid 3 0.407 M2
Grid 4 0.463 M2	Grid 5 0.486 M2	Grid 6 0.459 M2
Grid 7 0.434 M2	Grid 8 0.457 M2	Grid 9 0.426 M2



0 dB = 0.486A/m