

Applicant:	Kyocera
FCC ID:	V65M9300
Report #:	CT-M9300-20RFB-1210-R0

Validation E Field Probe SN2341, Dipole SN1020, 835MHz

Date: 12/16/2010

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 = 169.5 V/m

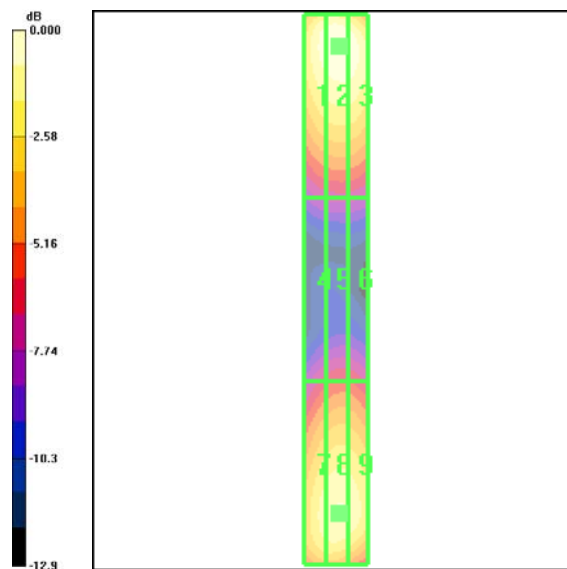
Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 175.1 V/m; Power Drift = 0.138 dB

Peak E-field in V/m

Grid 1 163.5 M4	Grid 2 169.5 M4	Grid 3 167.4 M4
Grid 4 81.3 M4	Grid 5 86.2 M4	Grid 6 85.7 M4
Grid 7 147.7 M4	Grid 8 155.3 M4	Grid 9 152.9 M4



0 dB = 169.5V/m

Validation H Field Probe SN6029, Dipole SN1020, 835MHz

Date: 12/16/2010

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

Maximum value of peak Total field = 0.479 A/m

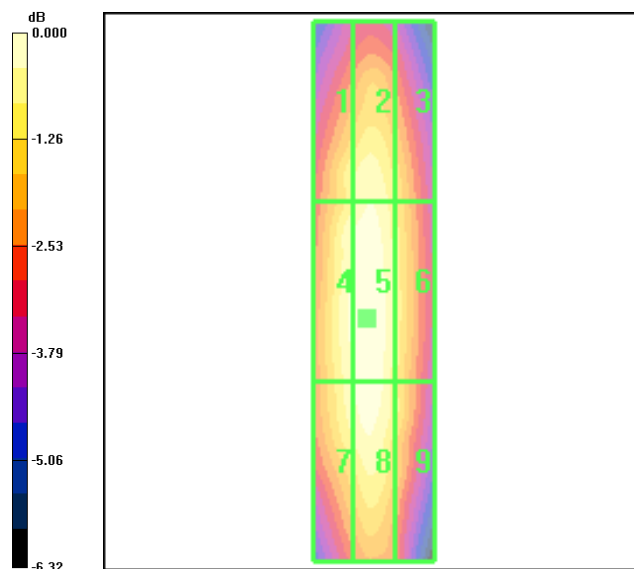
Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.516 A/m; Power Drift = -0.116 dB

Peak H-field in A/m

Grid 1 0.433 M4	Grid 2 0.456 M4	Grid 3 0.418 M4
Grid 4 0.466 M4	Grid 5 0.479 M4	Grid 6 0.432 M4
Grid 7 0.456 M4	Grid 8 0.474 M4	Grid 9 0.426 M4



0 dB = 0.479A/m

Validation E Field Probe SN2341, Dipole SN1015, 1900MHz

Date: 12/16/2010

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 = 152.6 V/m

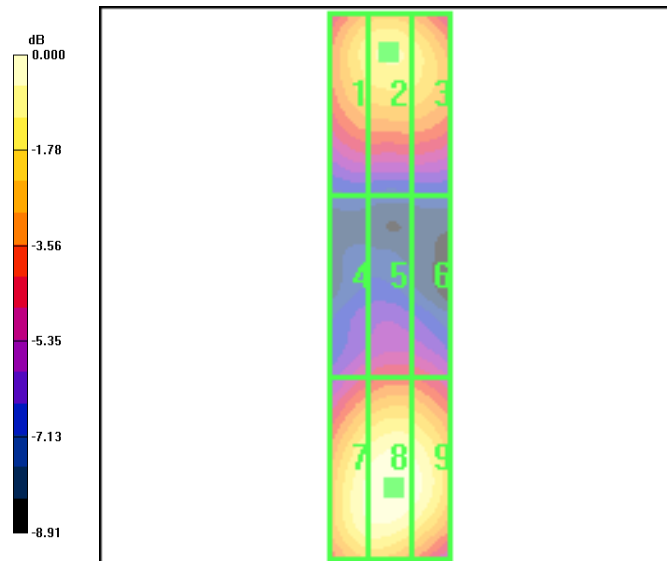
Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 155.9 V/m; Power Drift = 0.096 dB

Peak E-field in V/m

Grid 1 130.7 M2	Grid 2 135.5 M2	Grid 3 130.6 M2
Grid 4 91.0 M3	Grid 5 97.2 M3	Grid 6 95.7 M3
Grid 7 146.7 M2	Grid 8 152.6 M2	Grid 9 148.9 M2



0 dB = 152.6V/m

Validation H Field Probe SN6029, Dipole SN1015, 1900MHz

Date: 12/16/2010

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: 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 = 0.459 A/m

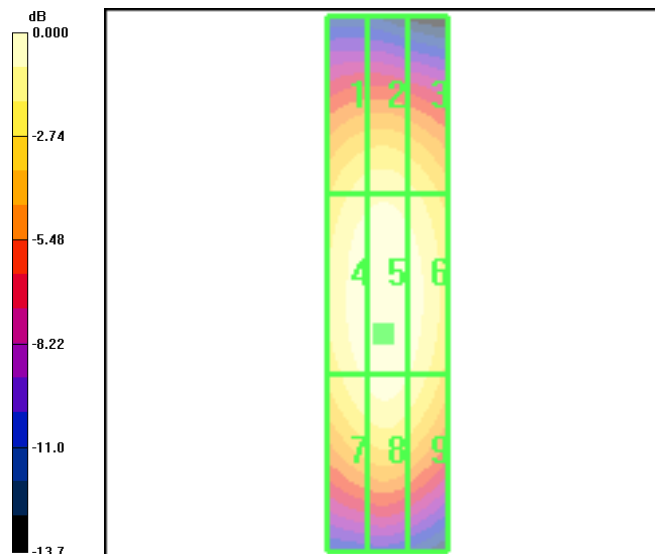
Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.552 A/m; Power Drift = 0.022 dB

Peak H-field in A/m

Grid 1 0.398 M2	Grid 2 0.407 M2	Grid 3 0.389 M2
Grid 4 0.446 M2	Grid 5 0.459 M2	Grid 6 0.441 M2
Grid 7 0.424 M2	Grid 8 0.441 M2	Grid 9 0.416 M2



0 dB = 0.459A/m