



Applicant:	Kyocera
FCC ID:	V65C5120
Report #:	CT-C5120-20RFB-0611-R0

Validation E Field Probe SN2341, Dipole SN1020, 835MHz

Date: 06/16/2011

C5120_E_Dipole_835

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 = 21.8 ± 1 deg C, Liquid T = 22.0 ± 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 = 166.2 V/m

Probe Modulation Factor = 1.00

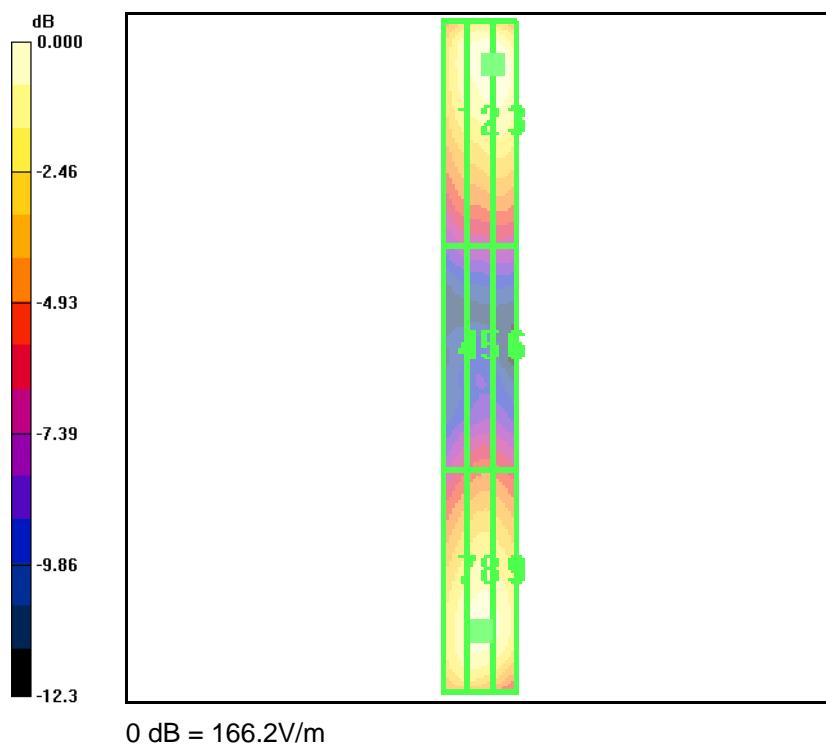
Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 169.1 V/m; Power Drift = 0.074 dB

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

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
151.9 M4	166.2 M4	166.2 M4
Grid 4	Grid 5	Grid 6
85.1 M4	92.3 M4	90.9 M4





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Validation H Field Probe SN6029, Dipole SN1020, 835MHz

Date: 06/16/2011

C5120_H_Dipole_835

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 = 21.8° 1 deg C, Liquid T = 22.0° 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 = 0.476 A/m

Probe Modulation Factor = 1.00

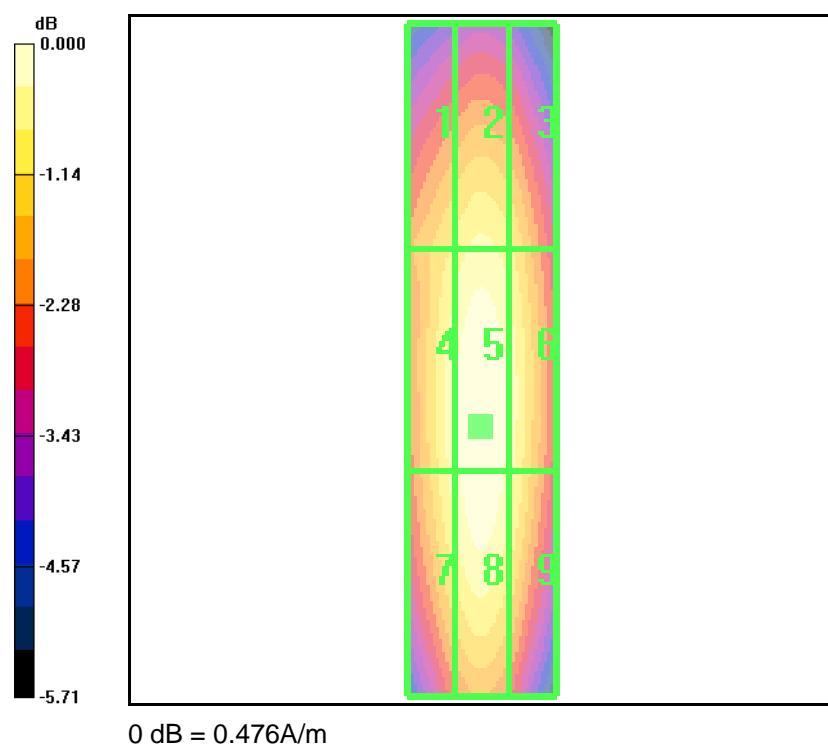
Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.552 A/m; Power Drift = -0.391 dB

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

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
0.424 M4	0.442 M4	0.425 M4
Grid 4	Grid 5	Grid 6
0.454 M4	0.476 M4	0.453 M4
Grid 7	Grid 8	Grid 9
0.449 M4	0.473 M4	0.448 M4





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Validation E Field Probe SN2341, Dipole SN1015, 1900MHz

Date: 06/16/2011

C5120_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 - 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 = 21.8 ± 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 = 139.7 V/m

Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 145.6 V/m; Power Drift = -0.160 dB

Hearing Aid Near-Field Category: M2 (AWF 0 dB)

Peak E-field in V/m

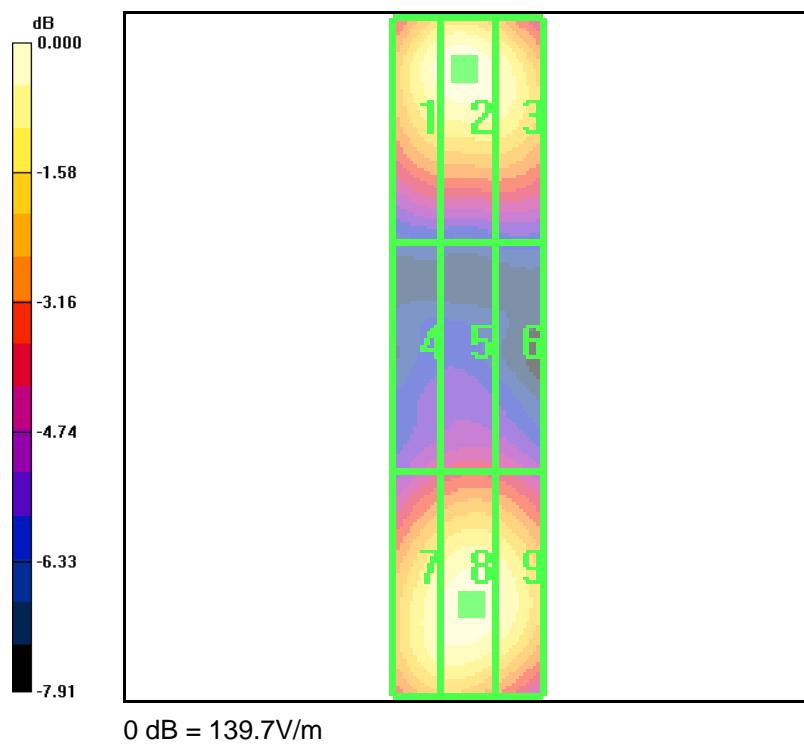
Grid 1	Grid 2	Grid 3
135.8 M2	139.7 M2	133.6 M2
Grid 4	Grid 5	Grid 6
85.5 M3	89.6 M3	88.1 M3



COMPTEST

Services LLC

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Validation H Field Probe SN6029, Dipole SN1015, 1900MHz

Date: 06/16/2011

C5120_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: 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 = 21.8° 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 = 0.548 A/m; Power Drift = -0.226 dB

Hearing Aid Near-Field Category: M2 (AWF 0 dB)

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
0.424 M2	0.443 M2	0.420 M2
Grid 4	Grid 5	Grid 6
0.469 M2	0.492 M2	0.470 M2
Grid 7	Grid 8	Grid 9
0.438 M2	0.467 M2	0.439 M2

