Validation E-Field Probe SN2282, Dipole SN1020, 835 MHz

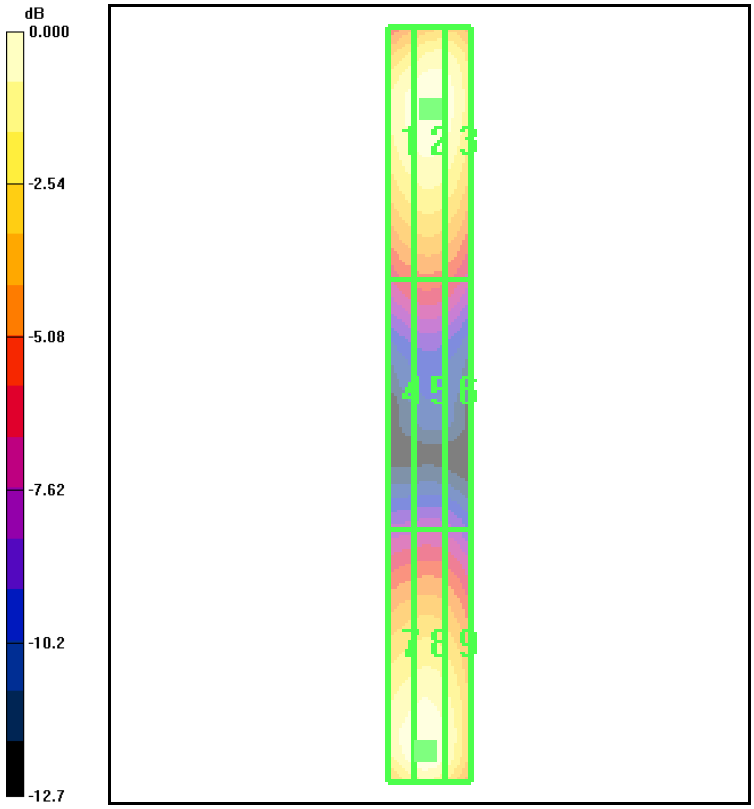
Date: 12/2/2009

Communication System: CW, Frequency: 835 MHz, Duty Cycle: 1:1
Medium: Air,Medium parameters used: σ = 0 mho/m, ε_r = 1; ρ = 1000 kg/m^3
Phantom: HAC Test Arch with AMCC,Phantom section: RF Section
DASY4 Configuration:
Probe: ER3DV6 - SN2282, ConvF(1, 1, 1), Calibrated: 8/14/2009
Sensor-Surface: (Fix Surface),
Electronics: DAE4 Sn530,Calibrated: 3/12/2009
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 = 169.8 V/m
Probe Modulation Factor = 1.00
Device Reference Point: 0.000, 0.000, -6.30 mm
Reference Value = 190.0 V/m; Power Drift = 0.033 dB

Peak E-field in V/m

Grid 1 **162.0 M4**	Grid 2 **167.7 M4**	Grid 3 **163.3 M4**
Grid 4 **90.0 M4**	Grid 5 **92.0 M4**	Grid 6 **89.0 M4**
Grid 7 **165.5 M4**	Grid 8 **169.8 M4**	Grid 9 **156.1 M4**



0 dB = 169.8V/m

Validation H-Field Probe SN6123, Dipole SN1020, 835 MHz

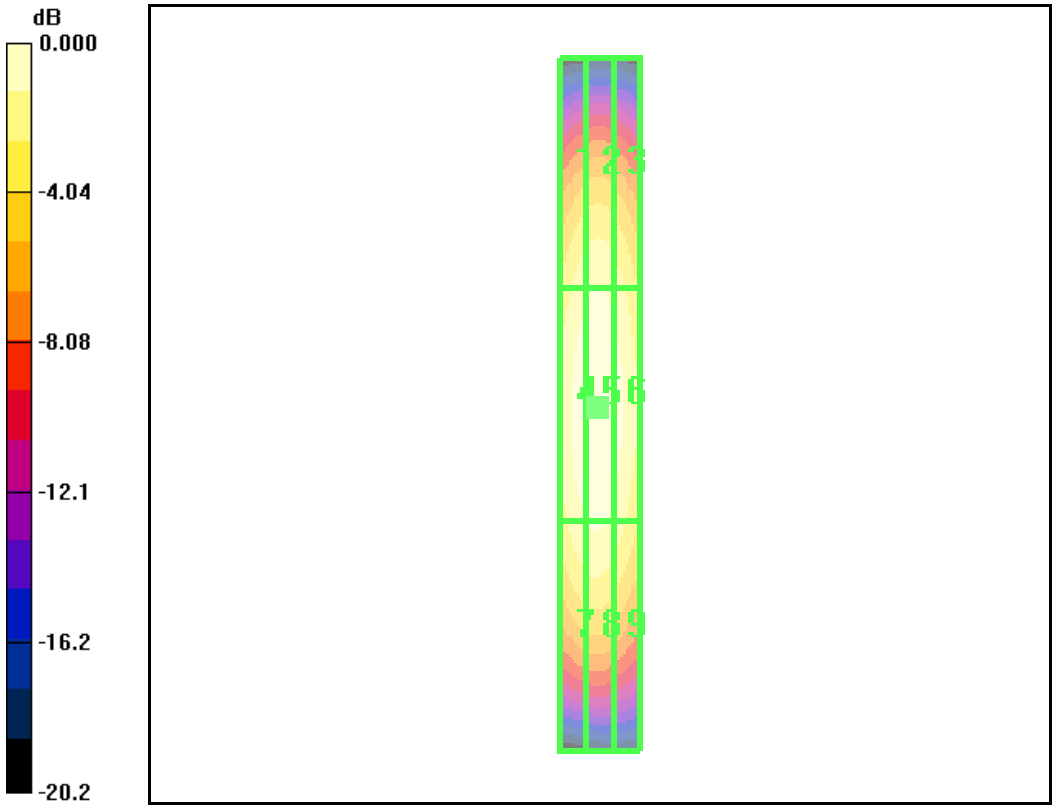
Date: 12/1/2009

Communication System: CW, Frequency: 835 MHz, Duty Cycle: 1:1
Medium: Air,Medium parameters used: σ = 0 mho/m, ε_r = 1; ρ = 1 kg/m^3
Phantom: HAC Test Arch with AMCC,Phantom section: RF Section
DASY4 Configuration:
Probe: H3DV6 - SN6123, , Calibrated: 7/16/2009
Sensor-Surface: (Fix Surface),
Electronics: DAE4 Sn530,Calibrated: 3/12/2009
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 (41x361x1): Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 0.474 A/m
Probe Modulation Factor = 1.00
Device Reference Point: 0.000, 0.000, -6.30 mm
Reference Value = 0.502 A/m; Power Drift = 0.026 dB

Peak H-field in A/m

Grid 1 **0.392 M4**	Grid 2 **0.408 M4**	Grid 3 **0.383 M4**
Grid 4 **0.456 M4**	Grid 5 **0.474 M4**	Grid 6 **0.442 M4**
Grid 7 **0.405 M4**	Grid 8 **0.418 M4**	Grid 9 **0.387 M4**



0 dB = 0.474A/m

Validation E-Field Probe SN2282, Dipole SN1015, 1800 MHz

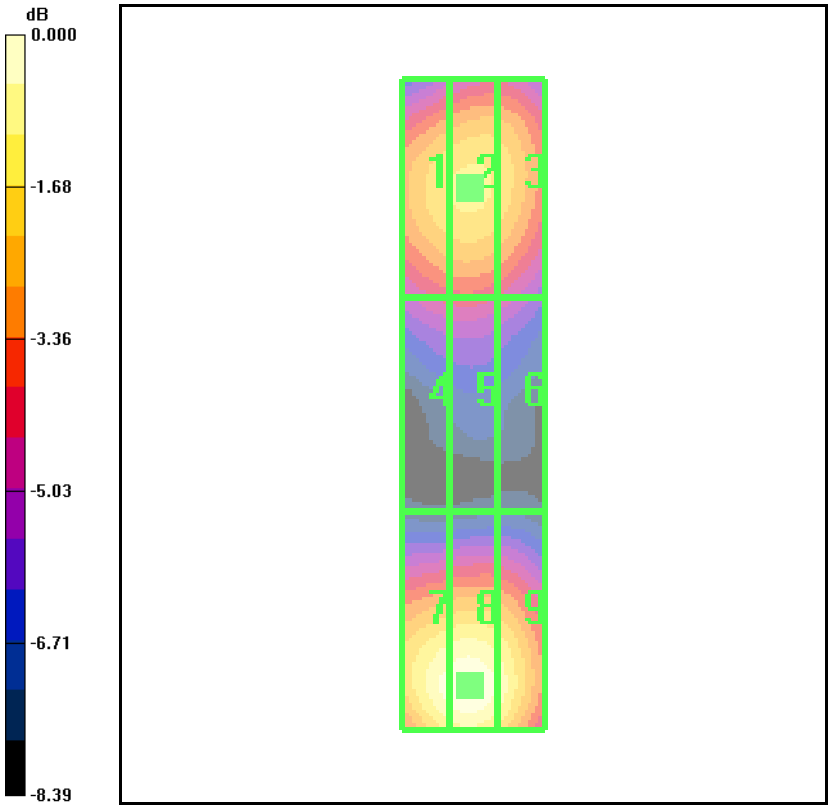
Date: 12/2/2009

Communication System: CW, Frequency: 1900 MHz, Duty Cycle: 1:1
Medium: Air,Medium parameters used: σ = 0 mho/m, ε_r = 1; ρ = 1000 kg/m^3
Phantom: HAC Test Arch with AMCC,Phantom section: RF Section
DASY4 Configuration:
Probe: ER3DV6 - SN2282, ConvF(1, 1, 1), Calibrated: 8/14/2009
Sensor-Surface: (Fix Surface),
Electronics: DAE4 Sn530,Calibrated: 3/12/2009
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 = 150.4 V/m
Probe Modulation Factor = 1.00
Device Reference Point: 0.000, 0.000, -6.30 mm
Reference Value = 173.0 V/m; Power Drift = -0.013 dB

Peak E-field in V/m

Grid 1 **124.0 M2**	Grid 2 **126.8 M2**	Grid 3 **122.5 M2**
Grid 4 **93.1 M3**	Grid 5 **94.6 M3**	Grid 6 **89.9 M3**
Grid 7 **145.8 M2**	Grid 8 **150.4 M2**	Grid 9 **138.5 M2**



0 dB = 150.4V/m

Validation H-Field Probe SN6123, Dipole SN1015, 1880 MHz

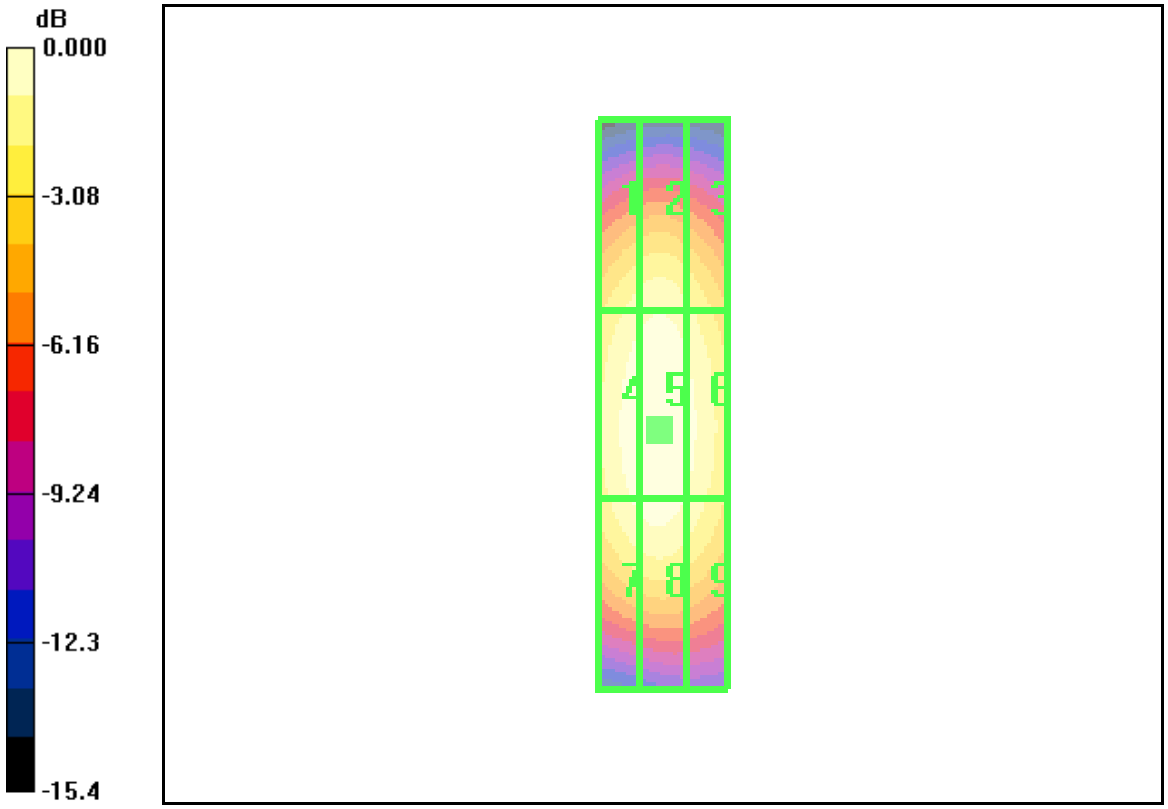
Date: 12/1/2009

Communication System: CW, Frequency: 1900 MHz, Duty Cycle: 1:1
Medium: Air,Medium parameters used: σ = 0 mho/m, ε_r = 1; ρ = 1 kg/m^3
Phantom: HAC Test Arch with AMCC,Phantom section: RF Section
DASY4 Configuration:
Probe: H3DV6 - SN6123, , Calibrated: 7/16/2009
Sensor-Surface: (Fix Surface),
Electronics: DAE4 Sn530,Calibrated: 3/12/2009
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 = 0.479 A/m
Probe Modulation Factor = 1.00
Device Reference Point: 0.000, 0.000, -6.30 mm
Reference Value = 0.506 A/m; Power Drift = -0.024 dB

Peak H-field in A/m

Grid 1 **0.405 M2**	Grid 2 **0.421 M2**	Grid 3 **0.392 M2**
Grid 4 **0.465 M2**	Grid 5 **0.479 M2**	Grid 6 **0.448 M2**
Grid 7 **0.440 M2**	Grid 8 **0.453 M2**	Grid 9 **0.422 M2**



0 dB = 0.479A/m