Validation E Field Probe SN2341, Dipole SN1015, 1900MHz

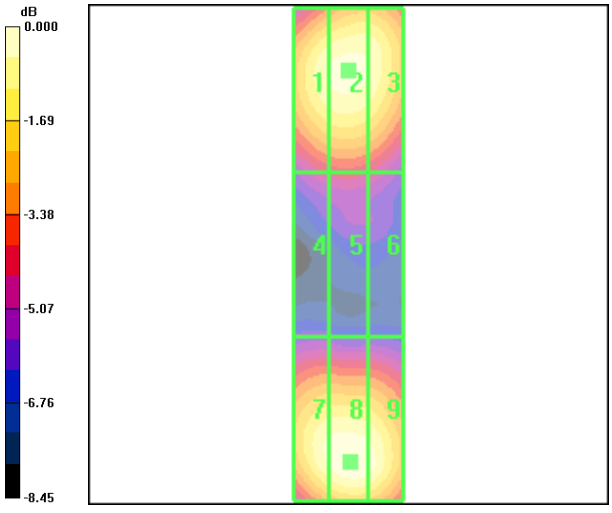
Date: 02/27/2012

C5170_E_Dipole_1880_022712
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 - SN2341, ConvF(1, 1, 1), Calibrated: 7/12/2011
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

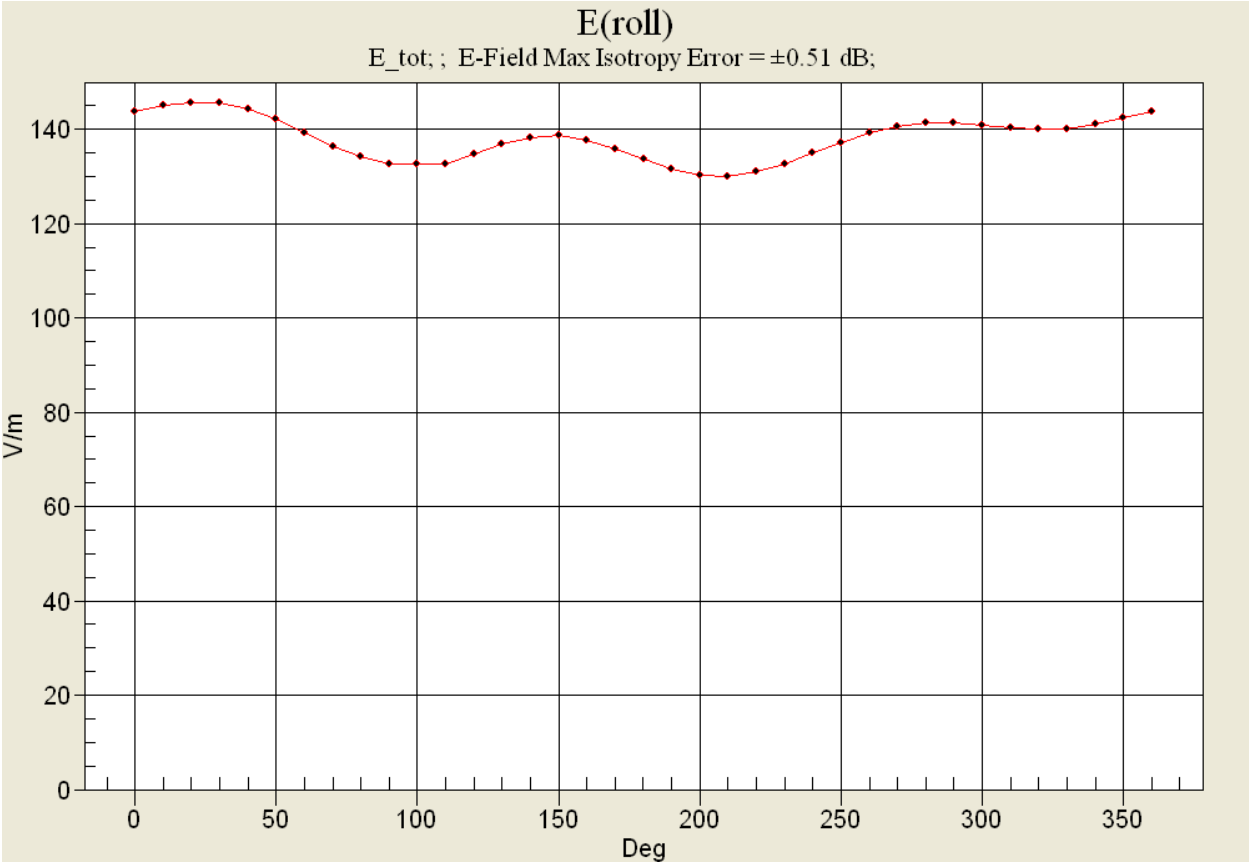
E Scan 1880 - measurement distance from the probe sensor center to CD1880 Dipole = 10mm/Hearing Aid Compatibility Test (41x181x1): Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 144.1 V/m
Probe Modulation Factor = 1.00
Device Reference Point: 0.000, 0.000, -6.30 mm
Reference Value = 161.5 V/m; Power Drift = 0.022 dB
Hearing Aid Near-Field Category: M2 (AWF 0 dB)

Peak E-field in V/m

Grid 1 **136.4 M2**	Grid 2 **138.6 M2**	Grid 3 **135.2 M2**
Grid 4 **87.6 M3**	Grid 5 **89.5 M3**	Grid 6 **86.4 M3**
Grid 7 **138.4 M2**	Grid 8 **144.1 M2**	Grid 9 **140.2 M2**



0 dB = 144.1V/m



Validation H Field Probe SN6029, Dipole SN1015, 1900MHz

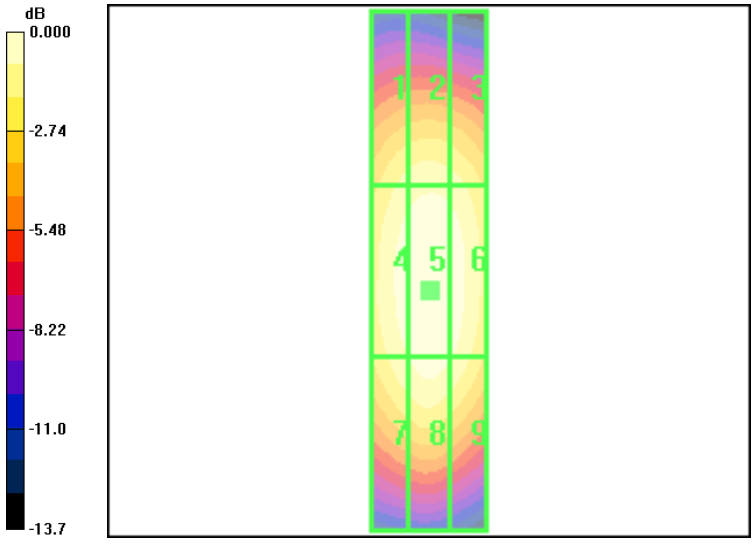
Date: 02/29/2012

C5170_H_Dipole_1880
Communication System: CW, Frequency: 1800 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: H3DV5 - SN6029, , Calibrated: 7/20/2011
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

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 = 0.491 A/m
Probe Modulation Factor = 1.00
Device Reference Point: 0.000, 0.000, -6.30 mm
Reference Value = 0.543 A/m; Power Drift = -0.123 dB

Peak H-field in A/m

Grid 1 **0.417 M2**	Grid 2 **0.431 M2**	Grid 3 **0.422 M2**
Grid 4 **0.471 M2**	Grid 5 **0.491 M2**	Grid 6 **0.476 M2**
Grid 7 **0.442 M2**	Grid 8 **0.463 M2**	Grid 9 **0.447 M2**



0 dB = 0.491A/m