

Plot 1 GSM850 Ch 128 Date/Time: 6/22/2016 12:12:54 PM
Test Laboratory: Cetecom Inc., SAR 3 Lab
DUT: Intel - Unimax; Type: Handset; Serial: U307TG6303000222

Communication System: UID 10021 - DAB, GSM-FDD (TDMA, GMSK); Frequency: 824.2 MHz
Medium: Air
Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 0$ kg/m³
Phantom section: RF Section
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)
Procedure Notes: Tech: James
DASY Configuration:

- Probe: ER3DV6 - SN2490; ConvF(1, 1, 1); Calibrated: 3/11/2014;
- Sensor-Surface: (Fix Surface), $z = 8.7$
- Electronics: DAE4 Sn1265; Calibrated: 5/11/2016
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: Arch: 1142; Coil: 1075
- DASYS2 52.8.8(1222);

Device E-Field measurement (E-field scan for ANSI C63.19-2011 compliance)/E Scan - ER3D: 835MHz-ch128-HAC-RF/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: $dx=0.5000$ mm, $dy=0.5000$ mm
Device Reference Point: 0, 0, -6.3 mm
Reference Value = 62.91 V/m; Power Drift = -0.01 dB
Applied MIF = 3.63 dB
RF audio interference level = 38.14 dBV/m
Emission category: M4

MIF scaled E-field

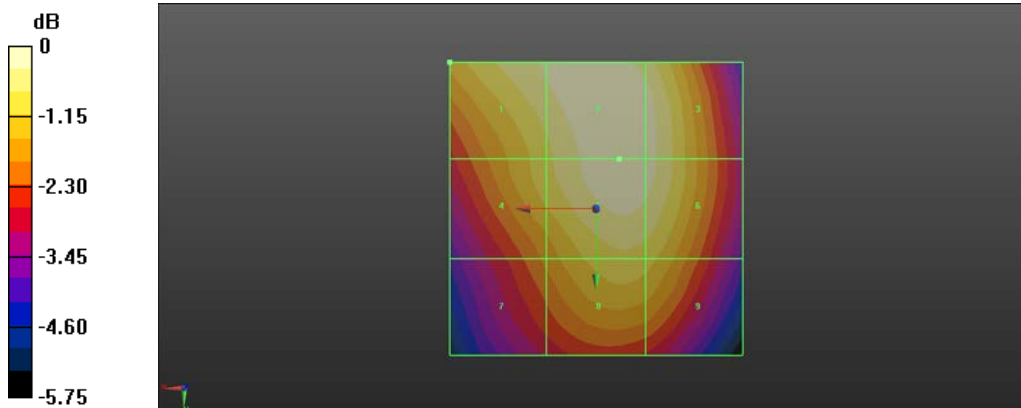
Grid 1 M4 37.84 dBV/m	Grid 2 M4 38.14 dBV/m	Grid 3 M4 37.95 dBV/m
Grid 4 M4 37.27 dBV/m	Grid 5 M4 38.07 dBV/m	Grid 6 M4 37.93 dBV/m
Grid 7 M4 36.34 dBV/m	Grid 8 M4 37.31 dBV/m	Grid 9 M4 37.17 dBV/m

Cursor:

Total = 36.72 dBV/m

E Category: M4

Location: 25, -25, 8.7 mm



0 dB = 80.74 V/m = 38.14 dBV/m

Plot 2 GSM850 Ch 190. Date/Time: 6/22/2016 11:58:53 AM
 Test Laboratory: Cetecom Inc., SAR 3 Lab
DUT: Intel - Unimax; Type: Handset; Serial: U307TG6303000222

Communication System: UID 10021 - DAB, GSM-FDD (TDMA, GMSK); Freq: 836.6 MHz
 Medium: Air
 Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 0$ kg/m³
 Phantom section: RF Section
 Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)
 Procedure Notes: Tech: James
 DASYS Configuration:

- Probe: ER3DV6 - SN2490; ConvF(1, 1, 1); Calibrated: 3/11/2014;
- Sensor-Surface: (Fix Surface), z = 8.7
- Electronics: DAE4 Sn1265; Calibrated: 5/11/2016
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: Arch: 1142; Coil: 1075
- DASYS2 52.8.8(1222);

Device E-Field measurement (E-field scan for ANSI C63.19-2011 compliance)/E Scan - ER3D: 835MHz-ch190-HAC-RF/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm
 Device Reference Point: 0, 0, -6.3 mm
 Reference Value = 55.87 V/m; Power Drift = 0.00 dB
 Applied MIF = 3.63 dB
 RF audio interference level = 37.20 dBV/m
Emission category: M4

MIF scaled E-field

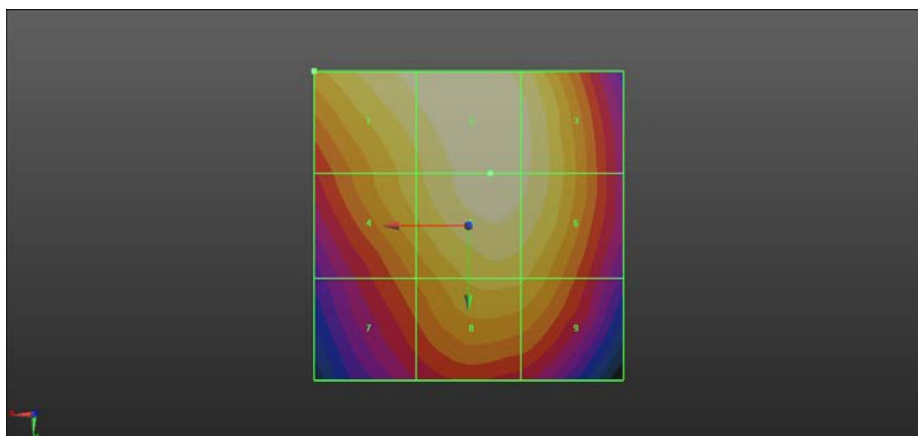
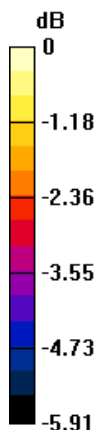
Grid 1 M4 36.95 dBV/m	Grid 2 M4 37.2 dBV/m	Grid 3 M4 36.96 dBV/m
Grid 4 M4 36.3 dBV/m	Grid 5 M4 37.04 dBV/m	Grid 6 M4 36.91 dBV/m
Grid 7 M4 35.28 dBV/m	Grid 8 M4 36.18 dBV/m	Grid 9 M4 36.08 dBV/m

Cursor:

Total = 35.84 dBV/m

E Category: M4

Location: 25, -25, 8.7 mm



Plot 3 GSM850 Ch 251 Date/Time: 6/22/2016 12:25:37 PM
Test Laboratory: Cetecom Inc., SAR 3 Lab
DUT: Intel - Unimax; Type: Handset; Serial: U307TG6303000222

Communication System: UID 10021 - DAB, GSM-FDD (TDMA, GMSK); Frequency: 848.6 MHz
Medium: Air
Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 0$ kg/m³
Phantom section: RF Section
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)
Procedure Notes: Tech: James
DASY Configuration:
Probe: ER3DV6 - SN2490; ConvF(1, 1, 1); Calibrated: 3/11/2014;
Sensor-Surface: (Fix Surface), $z = 8.7$
Electronics: DAE4 Sn1265; Calibrated: 5/11/2016
Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: Arch: 1142; Coil: 1075
DASY52 52.8.8(1222);

Device E-Field measurement (E-field scan for ANSI C63.19-2011 compliance)/E Scan - ER3D: 835MHz-ch251-HAC-RF/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: $dx=0.5000$ mm, $dy=0.5000$ mm
Device Reference Point: 0, 0, -6.3 mm
Reference Value = 51.72 V/m; Power Drift = -0.03 dB
Applied MIF = 3.63 dB
RF audio interference level = 36.46 dBV/m
Emission category: M4

MIF scaled E-field

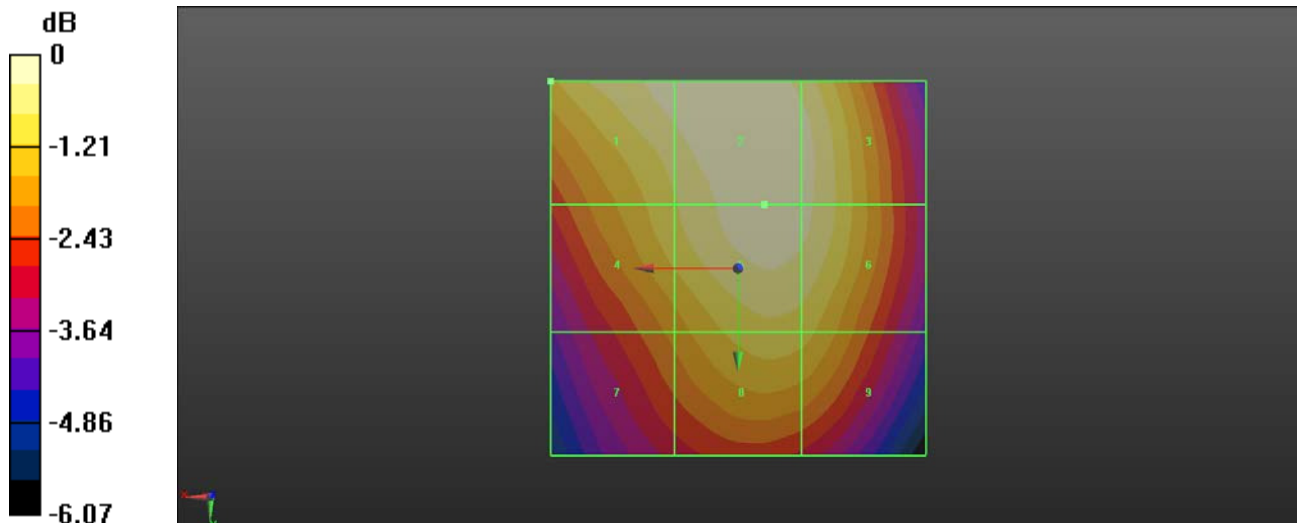
Grid 1 M4 36.29 dBV/m	Grid 2 M4 36.46 dBV/m	Grid 3 M4 36.24 dBV/m
Grid 4 M4 35.61 dBV/m	Grid 5 M4 36.29 dBV/m	Grid 6 M4 36.18 dBV/m
Grid 7 M4 34.6 dBV/m	Grid 8 M4 35.53 dBV/m	Grid 9 M4 35.41 dBV/m

Cursor:

Total = 35.15 dBV/m

E Category: M4

Location: 25, -25, 8.7 mm



0 dB = 66.52 V/m = 36.46 dBV/m

Plot 4

GSM1900 Ch 512

Date/Time: 6/22/2016 2:31:24 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Intel - Unimax; Type: Handset; Serial: U307TG6303000222

Communication System: UID 10021 - DAB, GSM-FDD (TDMA, GMSK); Frequency: 1850.2 MHz

Medium: Air

Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 0$ kg/m³

Phantom section: RF Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

Procedure Notes: Tech: James

DASY Configuration:

Probe: ER3DV6 - SN2490; ConvF(1, 1, 1); Calibrated: 3/11/2014;

Sensor-Surface: (Fix Surface), $z = 8.7$

Electronics: DAE4 Sn1265; Calibrated: 5/11/2016

Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: Arch: 1142; Coil: 1075

DASY52 52.8.8(1222);

Device E-Field measurement (E-field scan for ANSI C63.19-2011 compliance) 2/E Scan - ER3D: 1900MHz-ch512-HAC-RF 2/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: $dx=0.5000$ mm, $dy=0.5000$ mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 14.85 V/m; Power Drift = 0.08 dB

Applied MIF = 3.63 dB

RF audio interference level = 30.63 dBV/m

Emission category: M3

MIF scaled E-field

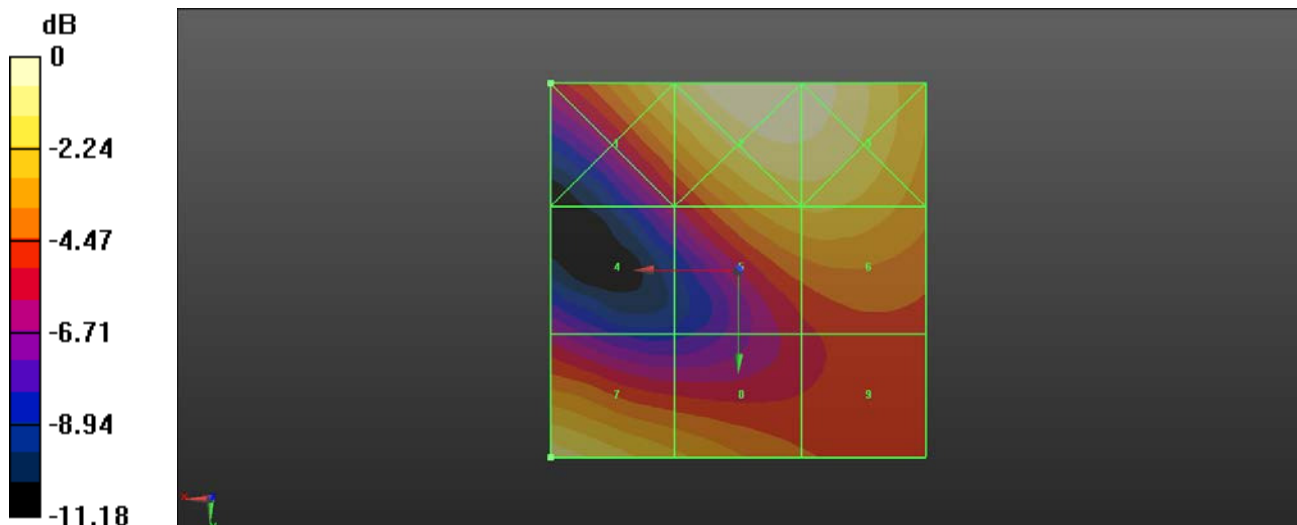
Grid 1 M3 30.36 dBV/m	Grid 2 M3 31.67 dBV/m	Grid 3 M3 31.49 dBV/m
Grid 4 M4 25.64 dBV/m	Grid 5 M4 29.54 dBV/m	Grid 6 M4 29.58 dBV/m
Grid 7 M3 30.63 dBV/m	Grid 8 M4 28.92 dBV/m	Grid 9 M4 27.35 dBV/m

Cursor:

Total = 26.01 dBV/m

E Category: M4

Location: 25, -25, 8.7 mm



0 dB = 38.34 V/m = 31.67 dBV/m

Plot 5 GSM1900 Ch 661

Date/Time: 6/22/2016 2:05:36 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Intel - Unimax; Type: Handset; Serial: U307TG6303000222

Communication System: UID 10021 - DAB, GSM-FDD (TDMA, GMSK); Frequency: 1880 MHz

Medium: Air

Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 0$ kg/m³

Phantom section: RF Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

Procedure Notes: Tech: James

DASY Configuration:

Probe: ER3DV6 - SN2490; ConvF(1, 1, 1); Calibrated: 3/11/2014;

Sensor-Surface: (Fix Surface), $z = 8.7$

Electronics: DAE4 Sn1265; Calibrated: 5/11/2016

Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: Arch: 1142; Coil: 1075

DASY52 52.8.8(1222);

Device E-Field measurement (E-field scan for ANSI C63.19-2011 compliance) 2/E Scan - ER3D:1900MHz-ch661-HAC-RF/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 13.18 V/m; Power Drift = 0.12 dB

Applied MIF = 3.63 dB

RF audio interference level = 29.95 dBV/m

Emission category: M4

MIF scaled E-field

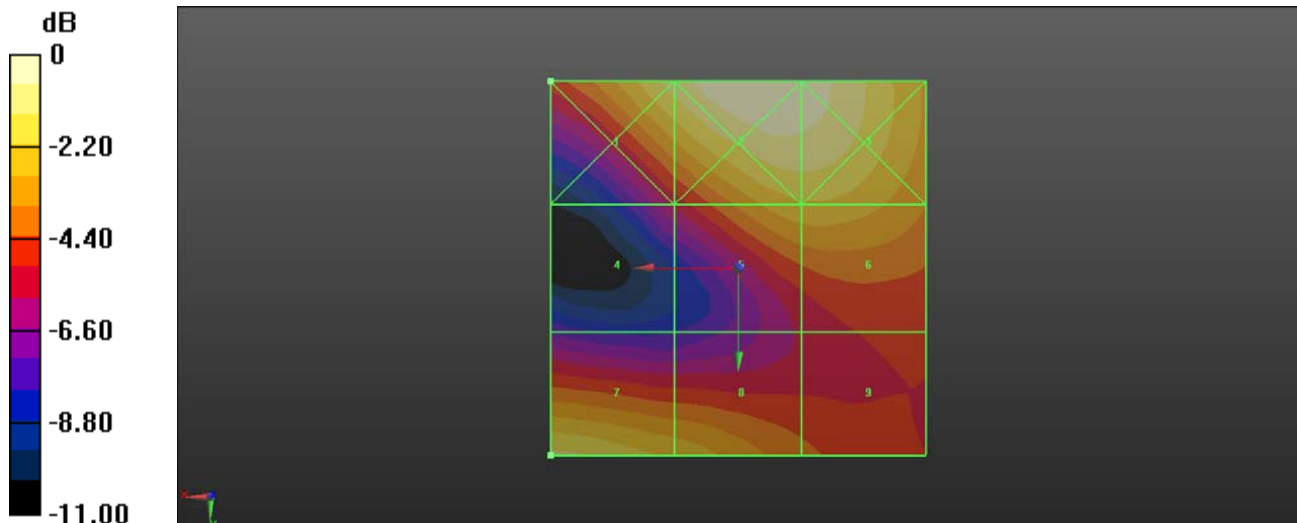
Grid 1 M3 30.11 dBV/m	Grid 2 M3 31.22 dBV/m	Grid 3 M3 30.96 dBV/m
Grid 4 M4 25.55 dBV/m	Grid 5 M4 28.89 dBV/m	Grid 6 M4 28.93 dBV/m
Grid 7 M4 29.95 dBV/m	Grid 8 M4 28.86 dBV/m	Grid 9 M4 27.1 dBV/m

Cursor:

Total = 26.46 dBV/m

E Category: M4

Location: 25, -25, 8.7 mm



0 dB = 36.40 V/m = 31.22 dBV/m

Plot 6

GSM1900 Ch 810.

Date/Time: 6/22/2016 2:23:25 PM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: Intel - Unimax; Type: Handset; Serial: U307TG6303000222

Communication System: UID 10021 - DAB, GSM-FDD (TDMA, GMSK); Frequency: 1909.8 MHz

Medium: Air

Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 0$ kg/m³

Phantom section: RF Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

Procedure Notes: Tech: James

DASY Configuration:

Probe: ER3DV6 - SN2490; ConvF(1, 1, 1); Calibrated: 3/11/2014;

Sensor-Surface: (Fix Surface), $z = 8.7$

Electronics: DAE4 Sn1265; Calibrated: 5/11/2016

Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: Arch: 1142; Coil: 1075

DASY52 52.8.8(1222);

Device E-Field measurement (E-field scan for ANSI C63.19-2011 compliance) 2/E Scan - ER3D: 1900MHz-ch810-HAC-RF/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 11.33 V/m; Power Drift = 0.06 dB

Applied MIF = 3.63 dB

RF audio interference level = 29.54 dBV/m

Emission category: M4

MIF scaled E-field

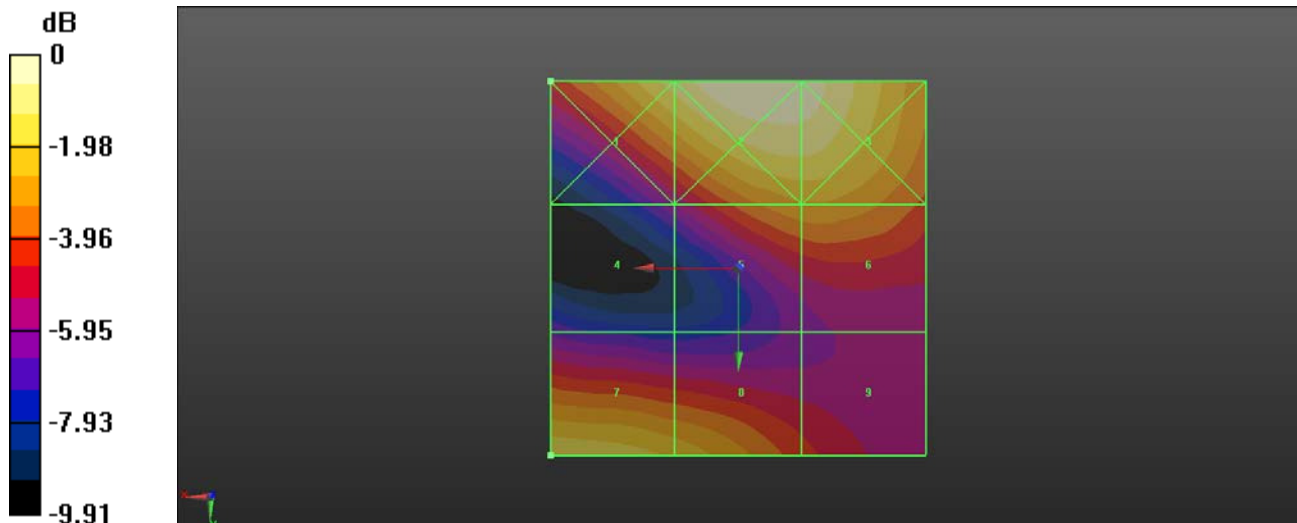
Grid 1 M4 29.85 dBV/m	Grid 2 M3 30.85 dBV/m	Grid 3 M3 30.59 dBV/m
Grid 4 M4 24.92 dBV/m	Grid 5 M4 28.11 dBV/m	Grid 6 M4 28.16 dBV/m
Grid 7 M4 29.54 dBV/m	Grid 8 M4 28.74 dBV/m	Grid 9 M4 26.53 dBV/m

Cursor:

Total = 26.42 dBV/m

E Category: M4

Location: 25, -25, 8.7 mm



0 dB = 34.89 V/m = 30.85 dBV/m

Plot 7 Dipole Validation 835MHz.

Date/Time: 6/22/2016 11:02:51 AM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: HAC-Dipole 835 MHz - CD835V3 - SN1160_March 2014; Type: D835V3; Serial: 1160

Communication System: UID 0, CW; Frequency: 835 MHz

Medium: Air

Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 0$ kg/m³

Phantom section: RF Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

Procedure Notes: Tech: James

DASY Configuration:

Probe: ER3DV6 - SN2490; ConvF(1, 1, 1); Calibrated: 3/11/2014;

Sensor-Surface: 0mm (Fix Surface), z = 9.7

Electronics: DAE4 Sn1265; Calibrated: 5/11/2016

Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: Arch: 1142; Coil: 1075

DASY52 52.8.8(1222);

Dipole E-Field measurement (E-field scan for ANSI C63.19-2011 compliance)/E Scan - measurement distance from the probe sensor center to CD835 = 15mm/Hearing Aid Compatibility Test at 15mm distance (41x361x1):

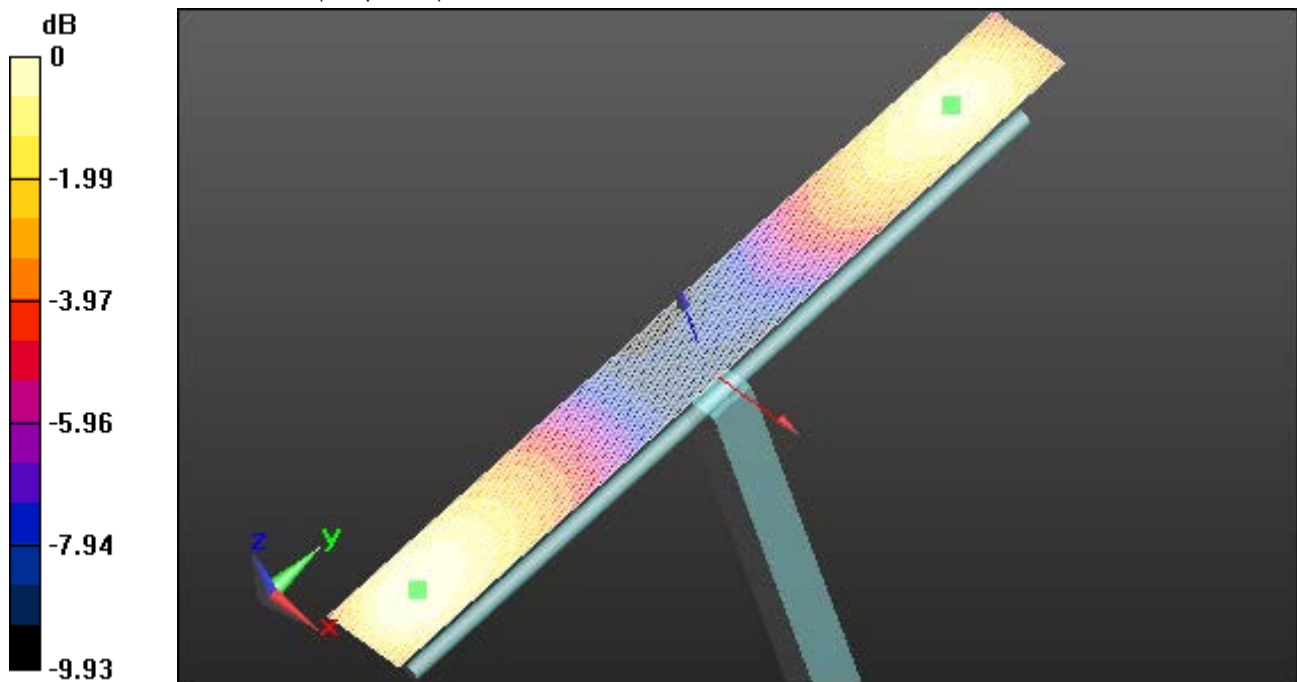
Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 116.6 V/m; Power Drift = -0.01 dB

Applied MIF = 0.00 dB

Maximum value of Total (interpolated) = 104.8 V/m



0 dB = 104.8 V/m = 40.41 dBV/m

Plot 8

Dipole Validation 1880 MHz

Date/Time: 6/22/2016 11:31:01 AM

Test Laboratory: Cetecom Inc., SAR 3 Lab

DUT: HAC Dipole 1880 MHz - CD1880V3 - SN 1144_March 2014; Type: CD1880V3; Serial: 1144

Communication System: UID 0, CW; Frequency: 1880 MHz

Medium: Air

Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 0$ kg/m³

Phantom section: RF Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

Procedure Notes: Tech: James

DASY Configuration:

- Probe: ER3DV6 - SN2490; ConvF(1, 1, 1); Calibrated: 3/11/2014;
- Sensor-Surface: 0mm (Fix Surface), z = 9.7
- Electronics: DAE4 Sn1265; Calibrated: 5/11/2016
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: Arch: 1142; Coil: 1075
- DASYS2 52.8.8(1222);

Dipole E-Field measurement (E-field scan for ANSI C63.19-2011 compliance) 2/E Scan - measurement distance from the probe sensor center to CD1880 = 15mm/Hearing Aid Compatibility Test at 15mm distance (41x181x1):

Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 130.2 V/m; Power Drift = -0.03 dB

Applied MIF = 0.00 dB

Maximum value of Total (interpolated) = 86.74 V/m

