## 01 HAC T-Coil_CDMA2000 BC0_RC1 SO3a：nGXTE_Ch1013(Z)

## DUT: 332103

Communication System: CDMA2000; Frequency: 824.7 MHz;Duty Cycle: 1:1
Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m$^3$
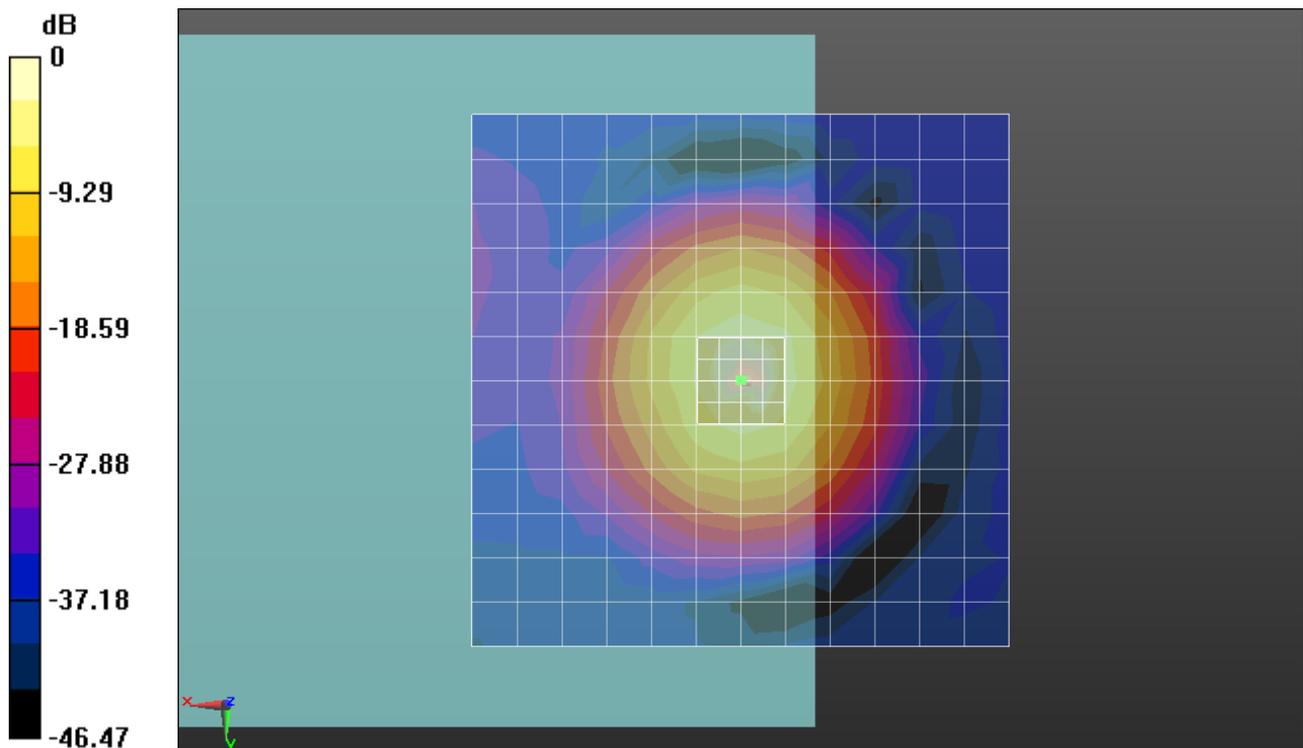Ambient Temperature：23.2 ℃

DASY5 Configuration:
- Probe: AM1DV3 - 3093; ; Calibrated: 2012-4-19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

## Ch1013/z (axial) fine 2mm 8 x 8/ABM SNR(x,y,z) (5x5x1): Measurement grid: dx=10mm, dy=10mm
ABM1/ABM2 = 38.37 dB
ABM1 comp = -2.75 dBA/m
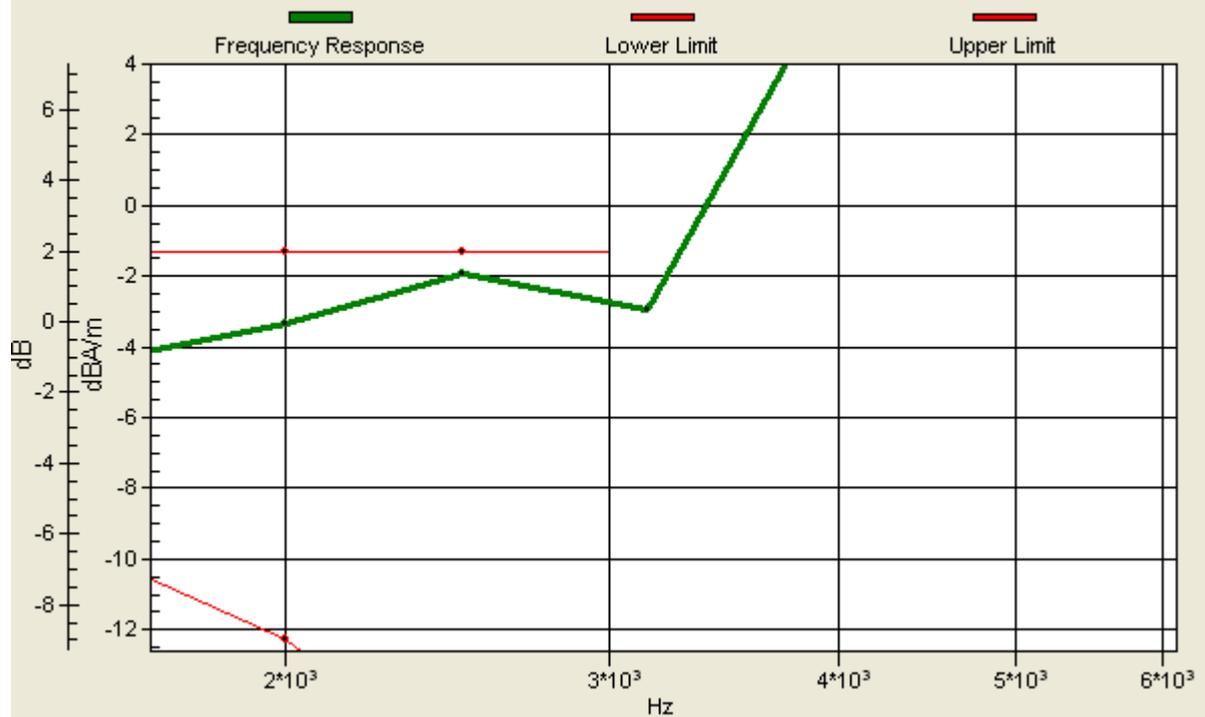Location: 0, 0, 3.7 mm



0 dB = 1.000 A/m = 0.00 dBA/m

Ch1013/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)
Loc: 0, 0, 3.7 mm Diff: 0.63dB

Frequency Response    Lower Limit    Upper Limit



Ch1013/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)
Loc: 0, 0, 3.7 mm Diff: 0.63dB

Frequency Response    Lower Limit    Upper Limit

**01 HAC T-Coil_CDMA2000 BC0_RC1 SO3_8kEVRC_Ch1013(Y)**

**DUT: 332103**

Communication System: CDMA2000; Frequency: 824.7 MHz;Duty Cycle: 1:1
Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m$^3$
Ambient Temperature：23.2 ℃

DASY5 Configuration:
- Probe: AM1DV3 - 3093; ; Calibrated: 2012-4-19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
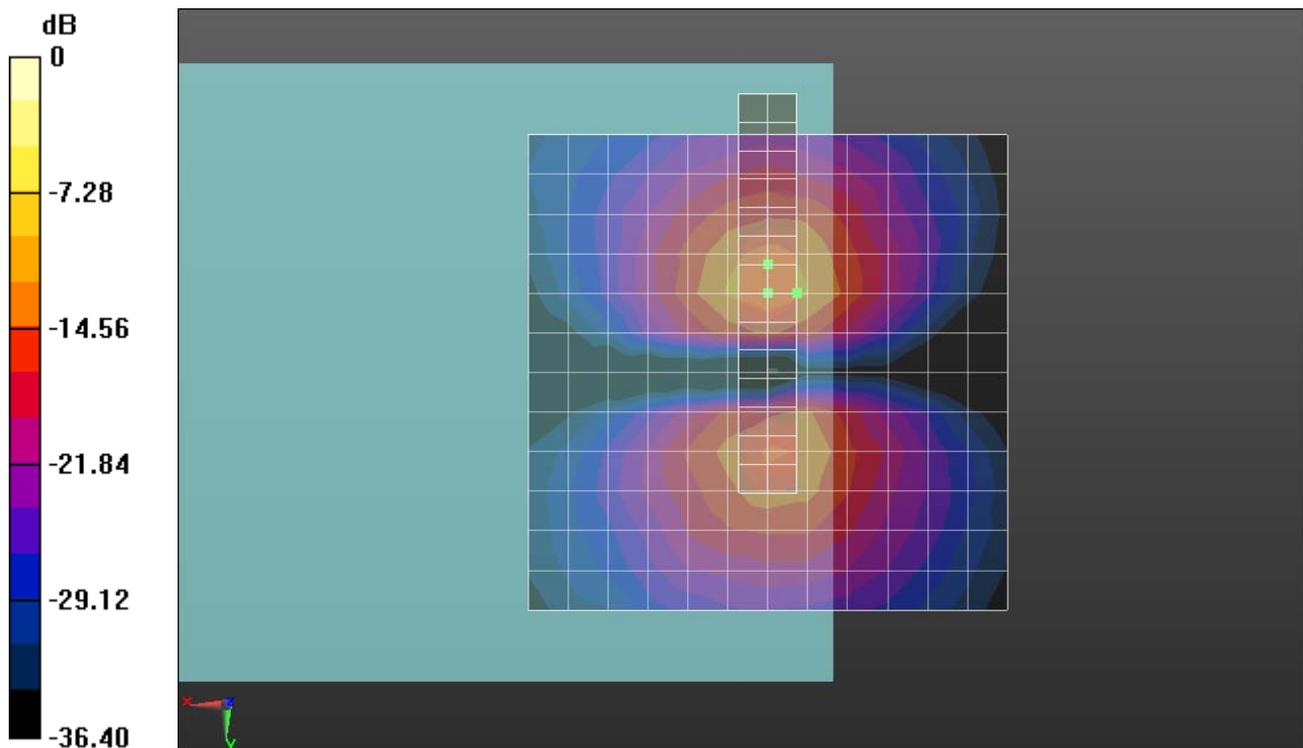- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

**Ch1013/y (transversal) fine 3mm 6 x 42/ABM SNR(x,y,z) (3x15x1):** Measurement grid:
dx=10mm, dy=10mm
ABM1/ABM2 = 31.32 dB
ABM1 comp = -11.11 dBA/m
Location: -3, -8.3, 3.7 mm



0 dB = 1.000 A/m = 0.00 dBA/m

## 02 HAC T-Coil_CDMA2000 BC0_RC1 SO3_8kEVRC_Ch384(Z)

**DUT: 332103**

Communication System: CDMA2000; Frequency: 836.52 MHz;Duty Cycle: 1:1
Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m$^3$
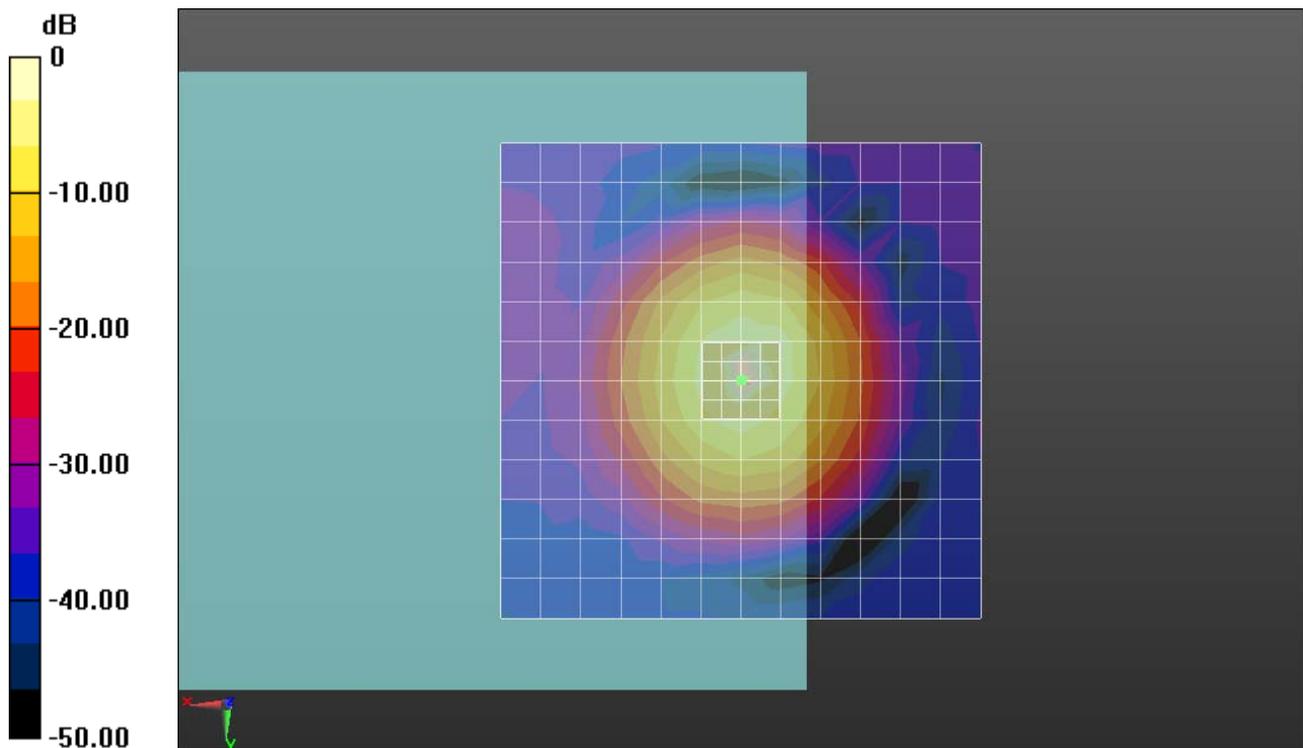Ambient Temperature：23.2 ℃

DASY5 Configuration:
- Probe: AM1DV3 - 3093; ; Calibrated: 2012-4-19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

### Ch384/z (axial) fine 2mm 8 x 8/ABM SNR(x,y,z) (5x5x1): Measurement grid: dx=10mm, dy=10mm
ABM1/ABM2 = 38.09 dB
ABM1 comp = -2.65 dBA/m
Location: 0, 0, 3.7 mm



0 dB = 1.000 A/m = 0.00 dBA/m

Ch384/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)
Loc: 0, 0, 3.7 mm Diff: 1.47dB

## 02 HAC T-Coil_CDMA2000 BC0_RC1 SO3_8kEVRC_Ch384(Y)

**DUT: 332103**

Communication System: CDMA2000; Frequency: 836.52 MHz;Duty Cycle: 1:1

Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m$^3$

Ambient Temperature：23.2 ℃

DASY5 Configuration:
- Probe: AM1DV3 - 3093; ; Calibrated: 2012-4-19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)
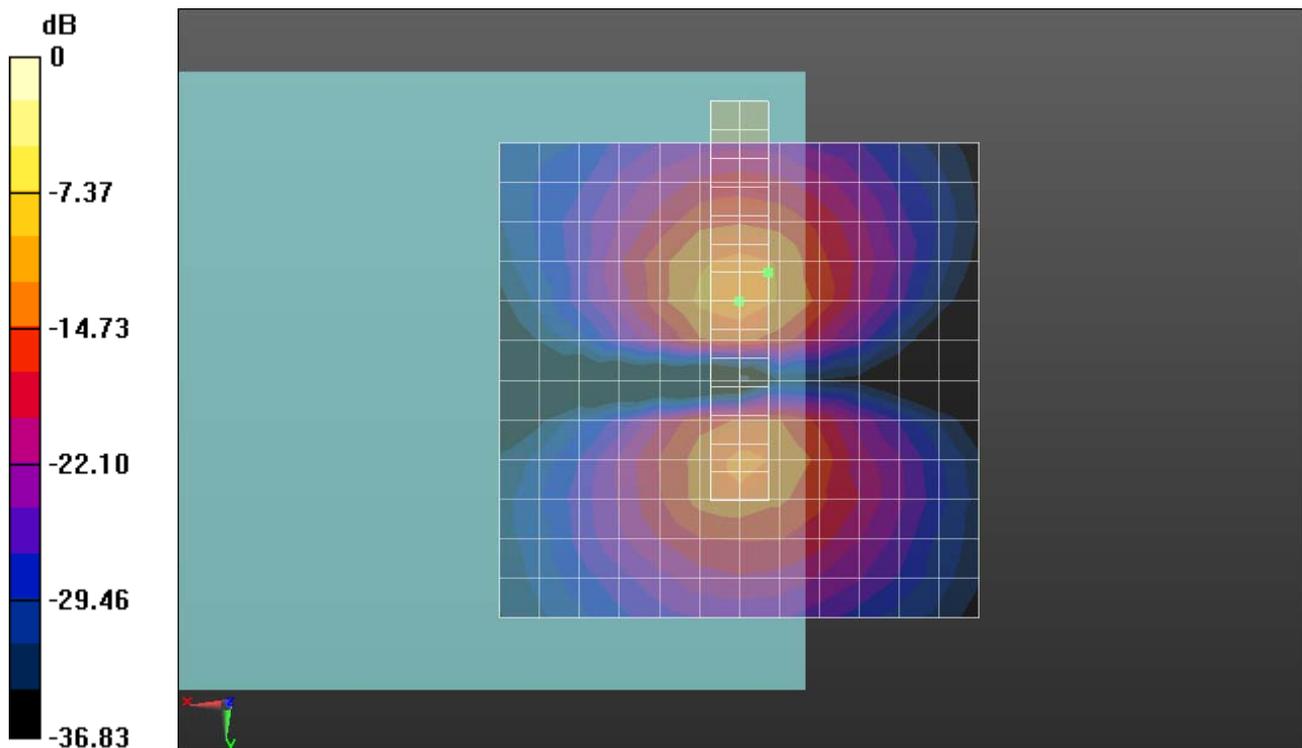
## Ch384/y (transversal) fine 3mm 6 x 42/ABM SNR(x,y,z) (3x15x1): Measurement grid:
dx=10mm, dy=10mm

ABM1/ABM2 = 31.42 dB

ABM1 comp = -11.26 dBA/m

Location: -3, -11.3, 3.7 mm



0 dB = 1.000 A/m = 0.00 dBA/m

## 03 HAC T-Coil_CDMA2000 BC0_RC1 SO3_8kEVRC_Ch777(Z)

**DUT: 332103**

Communication System: CDMA2000; Frequency: 848.31 MHz;Duty Cycle: 1:1

Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m$^3$
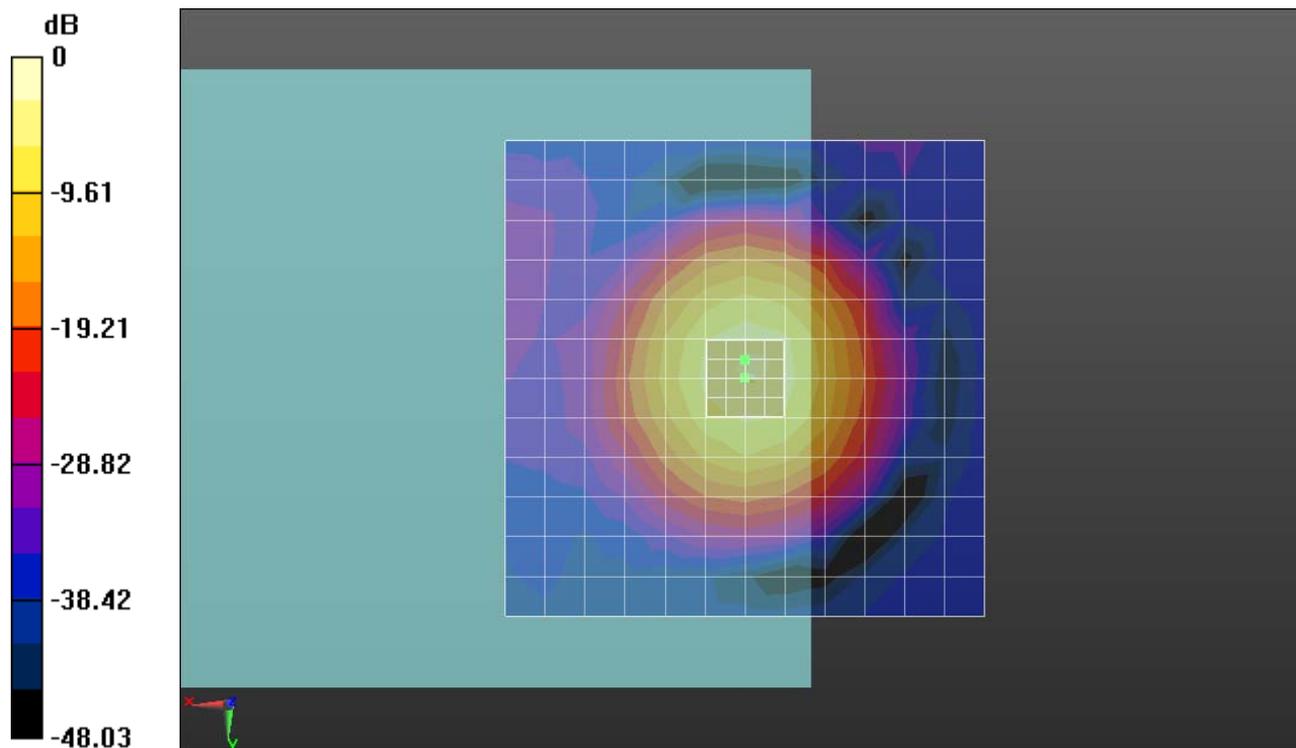
Ambient Temperature：23.2 ℃

DASY5 Configuration:
- Probe: AM1DV3 - 3093; ; Calibrated: 2012-4-19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

## Ch777/z (axial) fine 2mm 8 x 8/ABM SNR(x,y,z) (5x5x1): Measurement grid: dx=10mm, dy=10mm
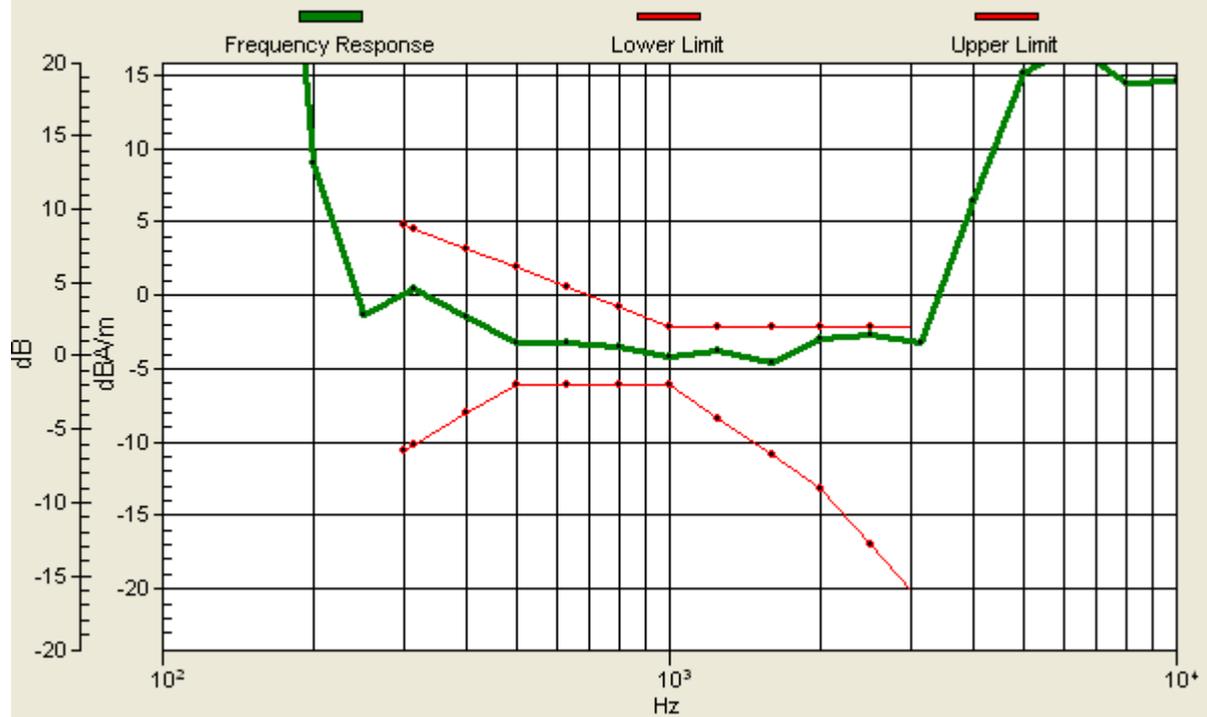
ABM1/ABM2 = 37.22 dB

ABM1 comp = -3.41 dBA/m

Location: 0, -2, 3.7 mm



0 dB = 1.000 A/m = 0.00 dBA/m

Ch777/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)
Loc: 0, -2, 3.7 mm Diff: 0.59dB

Frequency Response     Lower Limit     Upper Limit



Ch777/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)
Loc: 0, -2, 3.7 mm Diff: 0.59dB

Frequency Response     Lower Limit     Upper Limit

**03 HAC T-Coil_CDMA2000 BC0_RC1 SO3_8kEVRC_Ch777(Y)**

**DUT: 332103**

Communication System: CDMA2000; Frequency: 848.31 MHz;Duty Cycle: 1:1
Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m$^3$
Ambient Temperature：23.2 ℃

DASY5 Configuration:
- Probe: AM1DV3 - 3093; ; Calibrated: 2012-4-19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
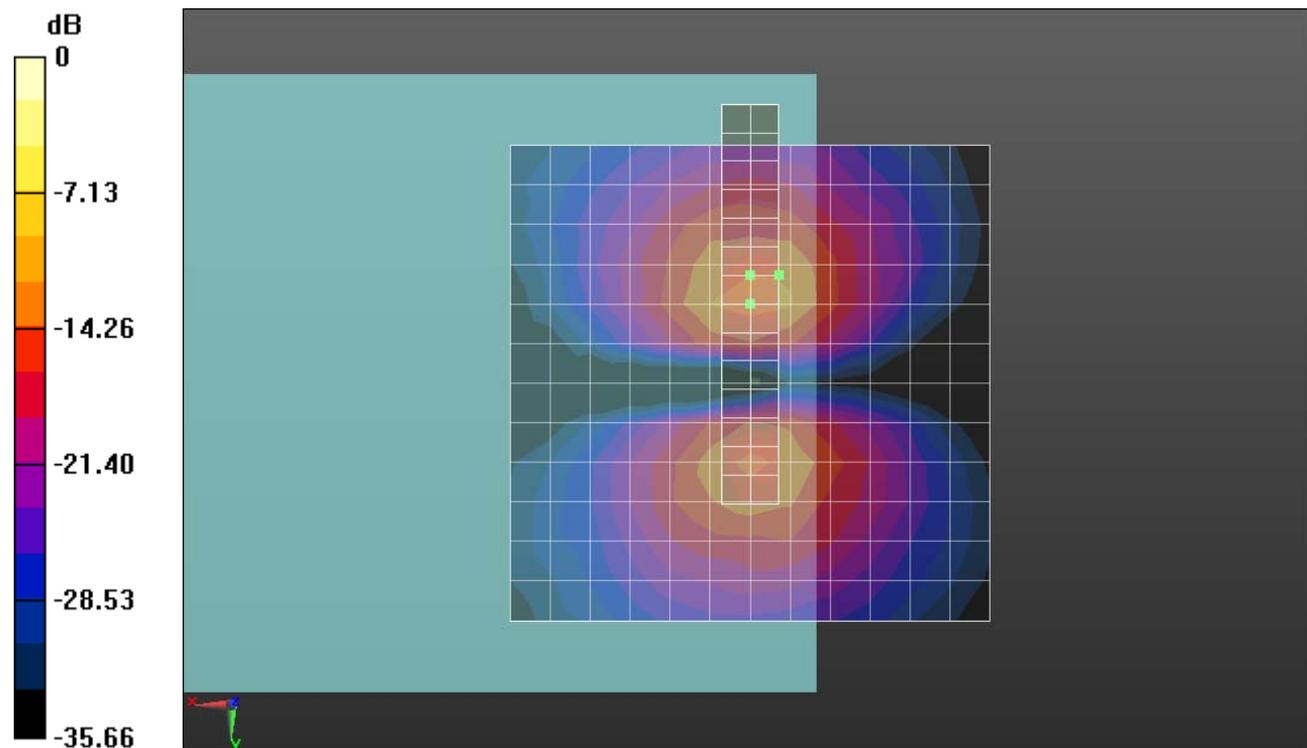- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

**Ch777/y (transversal) fine 3mm 6 x 42/ABM SNR(x,y,z) (3x15x1):** Measurement grid:
dx=10mm, dy=10mm
ABM1/ABM2 = 31.01 dB
ABM1 comp = -11.37 dBA/m
Location: -3, -11.3, 3.7 mm



0 dB = 1.000 A/m = 0.00 dBA/m

## 04 HAC T-Coil_CDMA2000 BC1_RC1 SO3_8kEVRC_Ch25(Z)

## DUT: 332103

Communication System: CDMA2000; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m$^3$
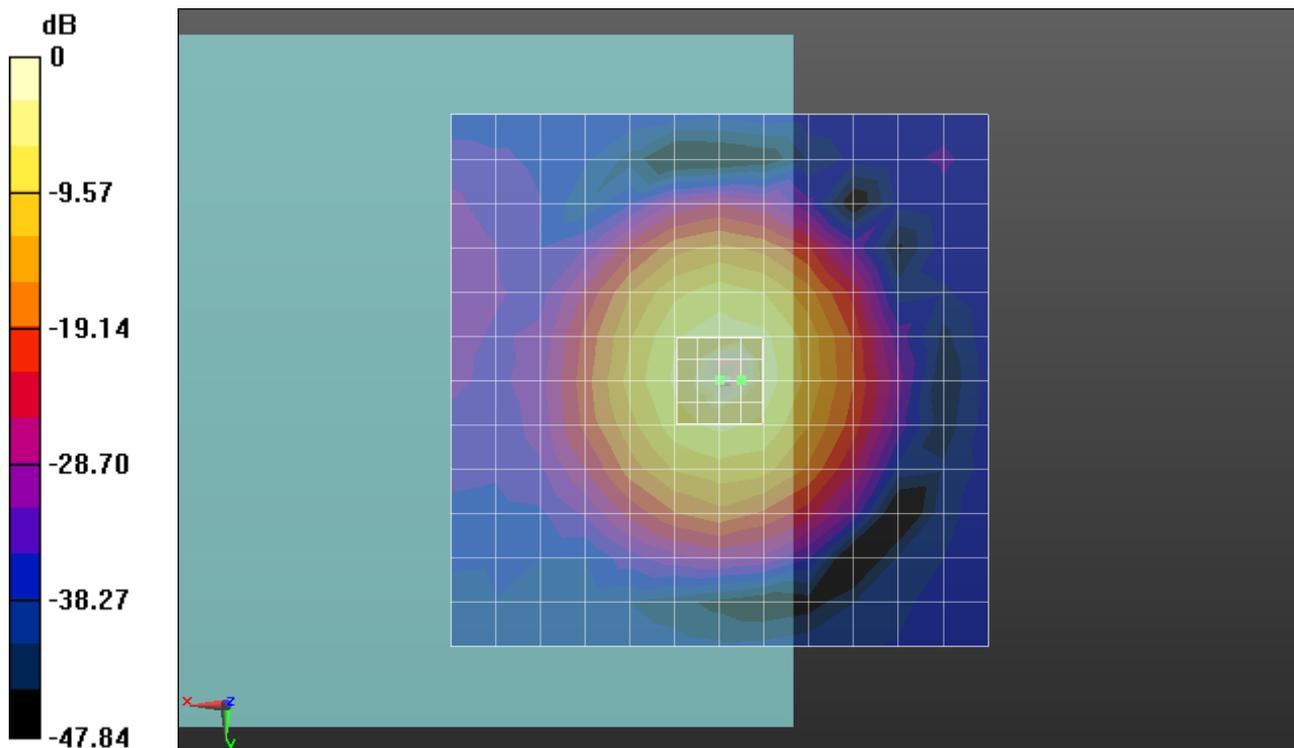Ambient Temperature：23.2 ℃

DASY5 Configuration:
- Probe: AM1DV3 - 3093; ; Calibrated: 2012-4-19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

## Ch25/z (axial) fine 2mm 8 x 8/ABM SNR(x,y,z) (5x5x1): Measurement grid: dx=10mm, dy=10mm

ABM1/ABM2 = 36.48 dB
ABM1 comp = -3.21 dBA/m
Location: -2, 0, 3.7 mm
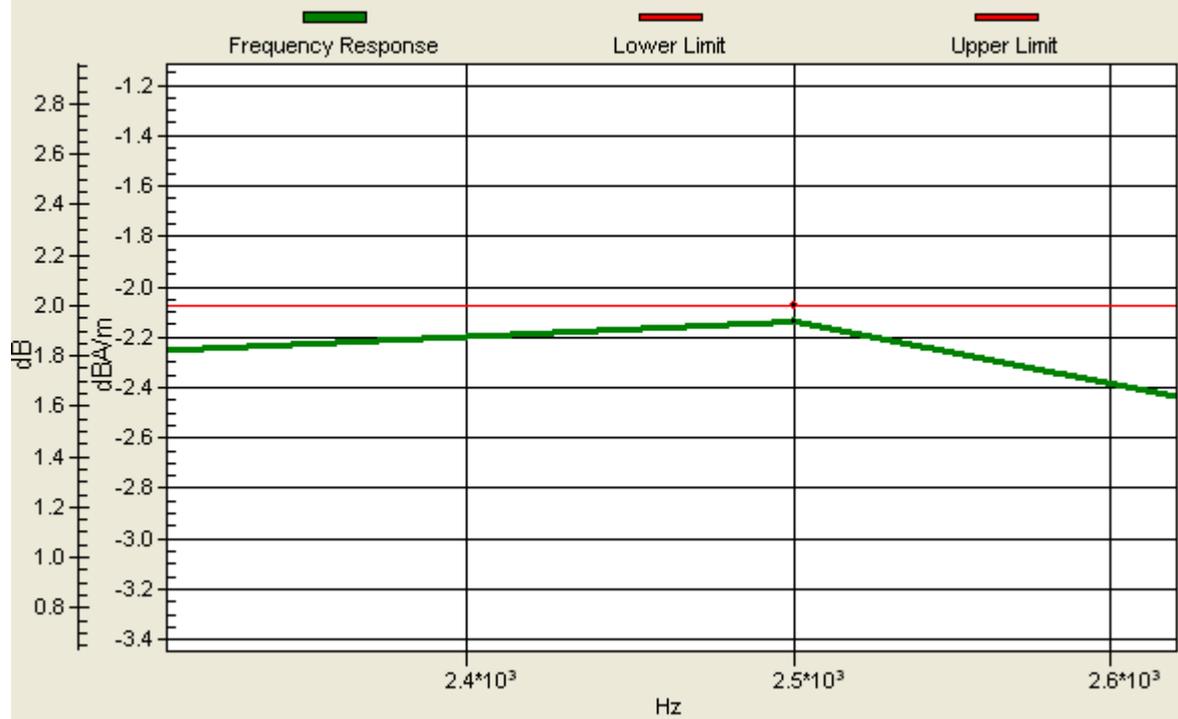


0 dB = 1.000 A/m = 0.00 dBA/m

Ch25/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)
Loc: -2, 0, 3.7 mm Diff: 0.07dB

Frequency Response    Lower Limit    Upper Limit



Ch25/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)
Loc: -2, 0, 3.7 mm Diff: 0.07dB

Frequency Response    Lower Limit    Upper Limit

## 04 HAC T-Coil_CDMA2000 BC1_RC1 SO3_8kEVRC_Ch25(Y)

## DUT: 332103

Communication System: CDMA2000; Frequency: 1851.25 MHz;Duty Cycle: 1:1

Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m$^3$

Ambient Temperature：23.2 ℃

DASY5 Configuration:
- Probe: AM1DV3 - 3093; ; Calibrated: 2012-4-19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
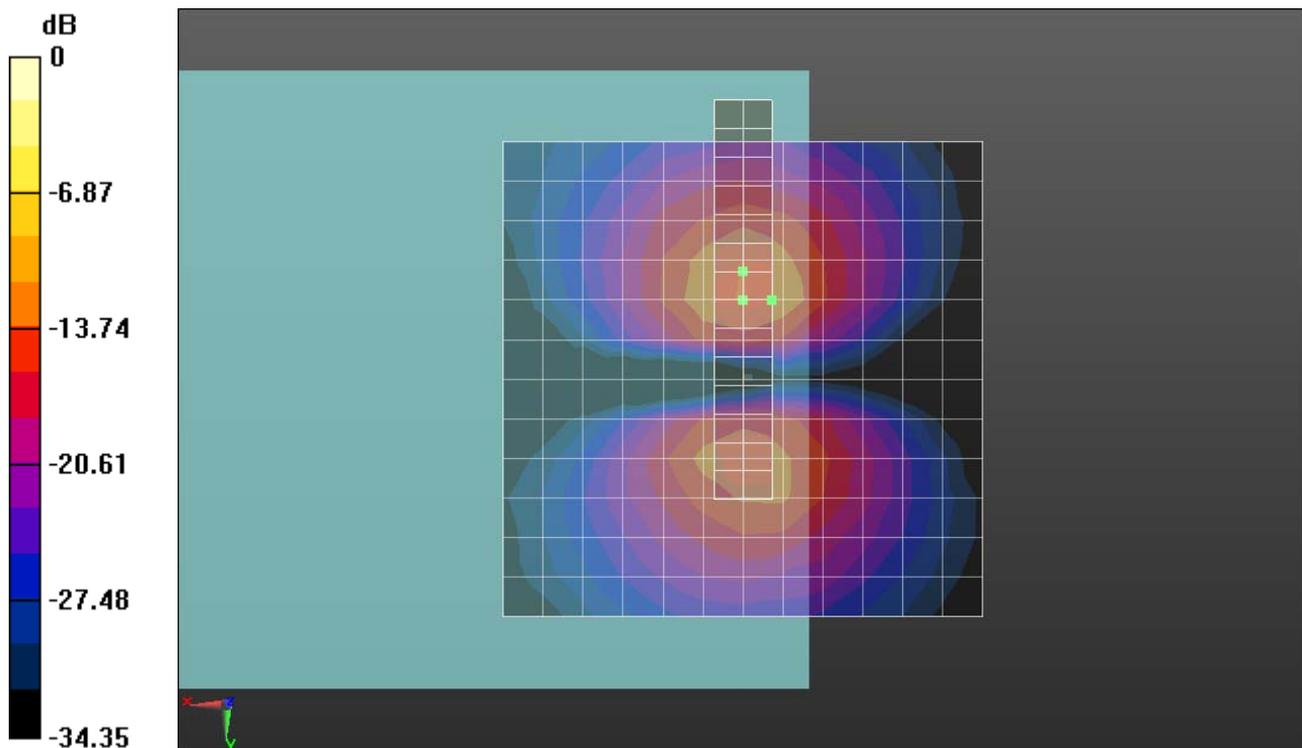- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

## Ch25/y (transversal) fine 3mm 6 x 42/ABM SNR(x,y,z) (3x15x1): Measurement grid:
dx=10mm, dy=10mm
ABM1/ABM2 = 30.40 dB
ABM1 comp = -11.64 dBA/m
Location: -3, -8.3, 3.7 mm



0 dB = 1.000 A/m = 0.00 dBA/m

## 05 HAC T-Coil_CDMA2000 BC1_RC1 SO3_8kEVRC_Ch600(Z)

## DUT: 332103

Communication System: CDMA2000; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m$^3$
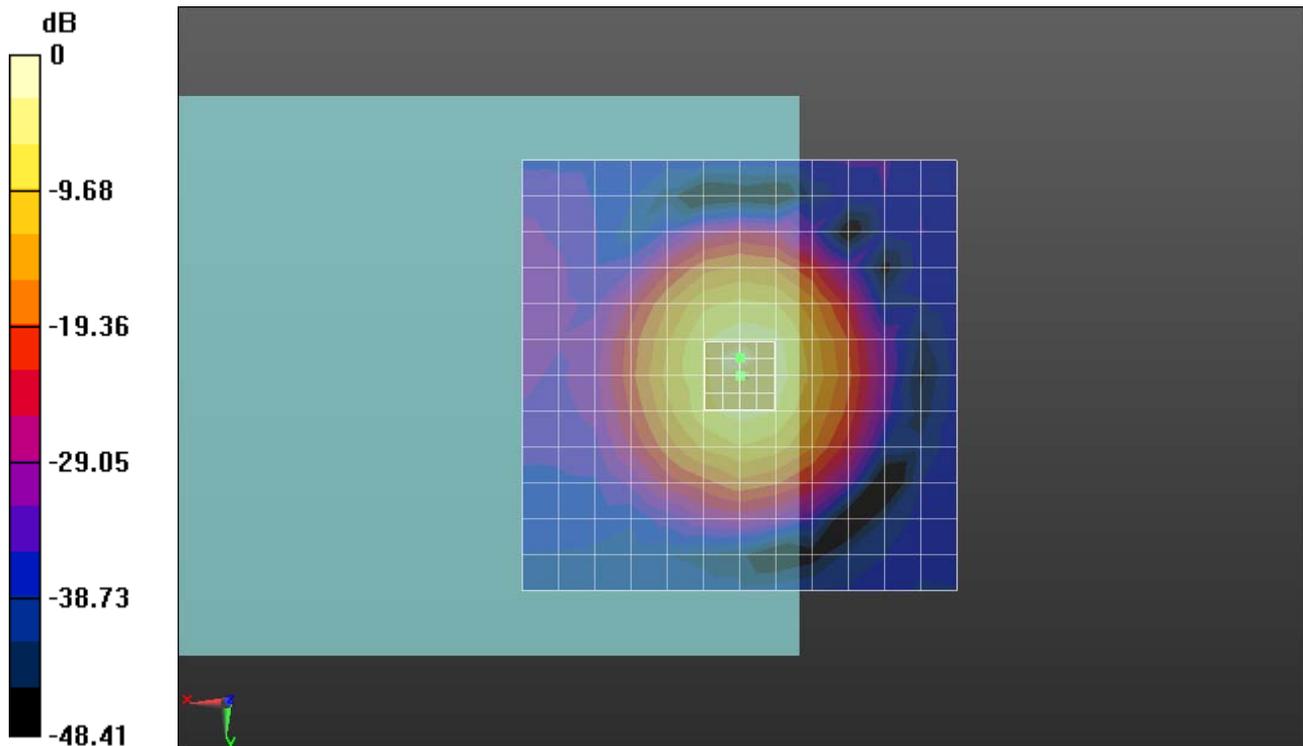Ambient Temperature：23.2 ℃

DASY5 Configuration:
- Probe: AM1DV3 - 3093; ; Calibrated: 2012-4-19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

## Ch600/z (axial) fine 2mm 8 x 8/ABM SNR(x,y,z) (5x5x1): Measurement grid: dx=10mm,
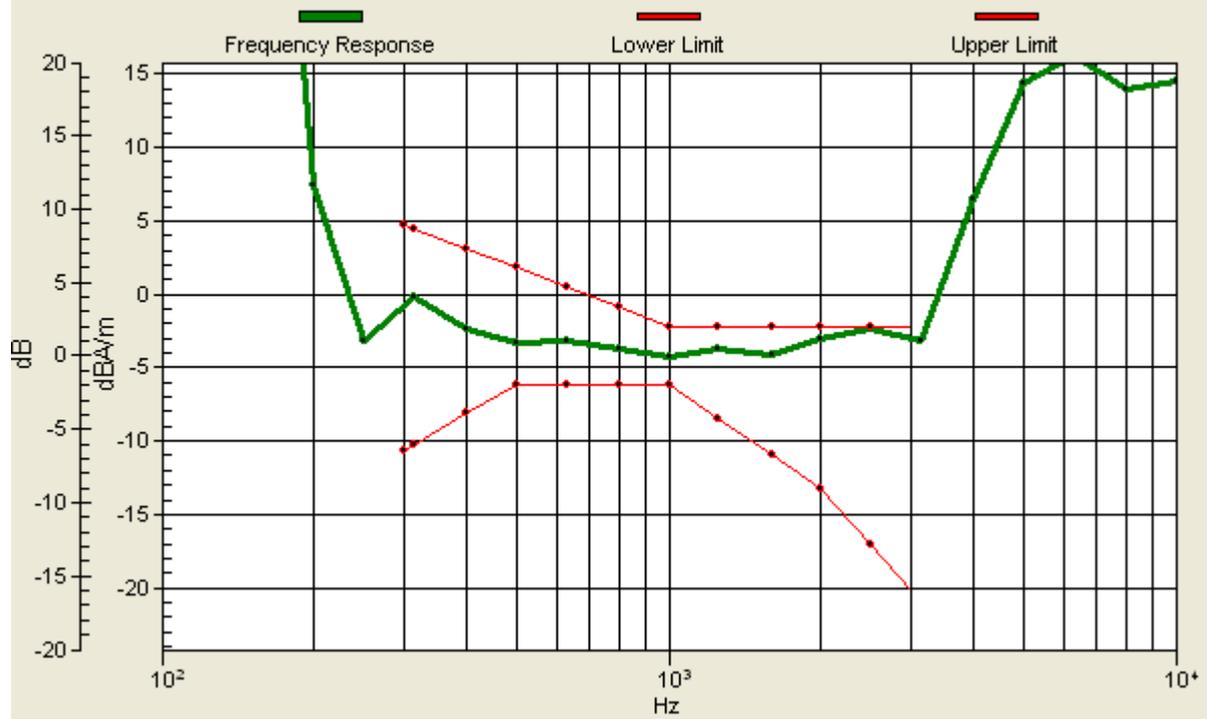dy=10mm
ABM1/ABM2 = 37.39 dB
ABM1 comp = -3.11 dBA/m
Location: 0, -2, 3.7 mm
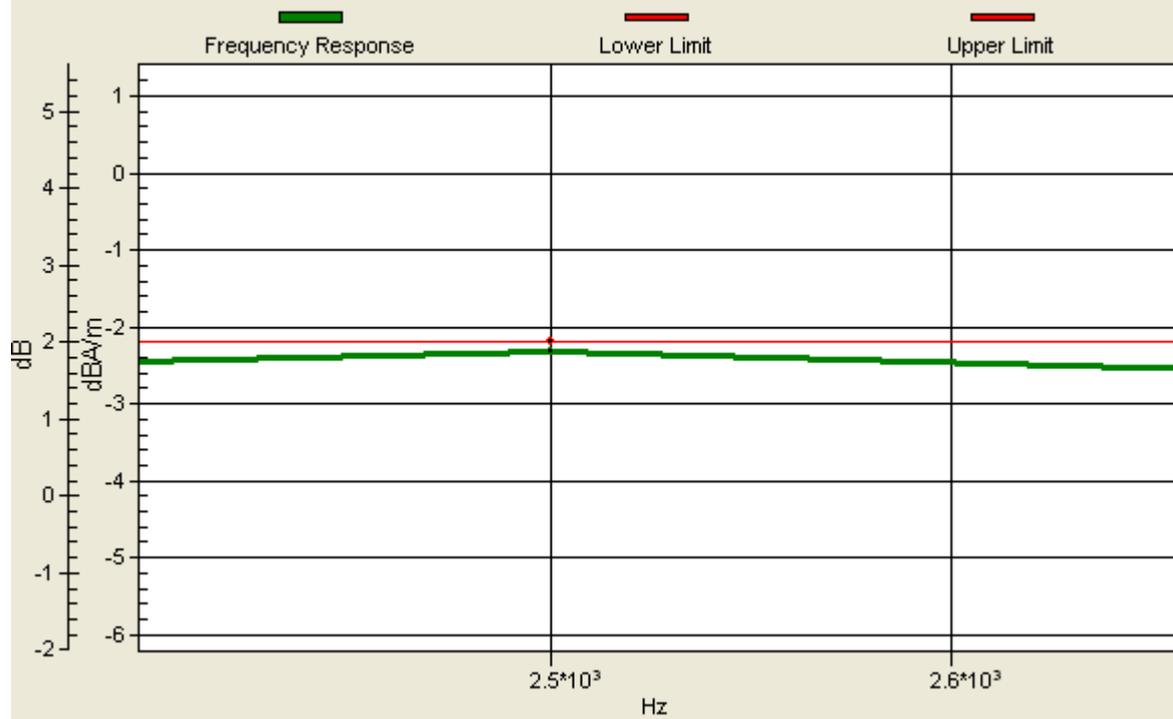


0 dB = 1.000 A/m = 0.00 dBA/m

Ch600/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)
Loc: 0, -2, 3.7 mm Diff: 0.11dB

Frequency Response    Lower Limit    Upper Limit



Ch600/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)
Loc: 0, -2, 3.7 mm Diff: 0.11dB

Frequency Response    Lower Limit    Upper Limit

## 05 HAC T-Coil_CDMA2000 BC1_RC1 SO3_8kEVRC_Ch600(Y)

**DUT: 332103**

Communication System: CDMA2000; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m$^3$
Ambient Temperature：23.2 ℃

DASY5 Configuration:
- Probe: AM1DV3 - 3093; ; Calibrated: 2012-4-19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
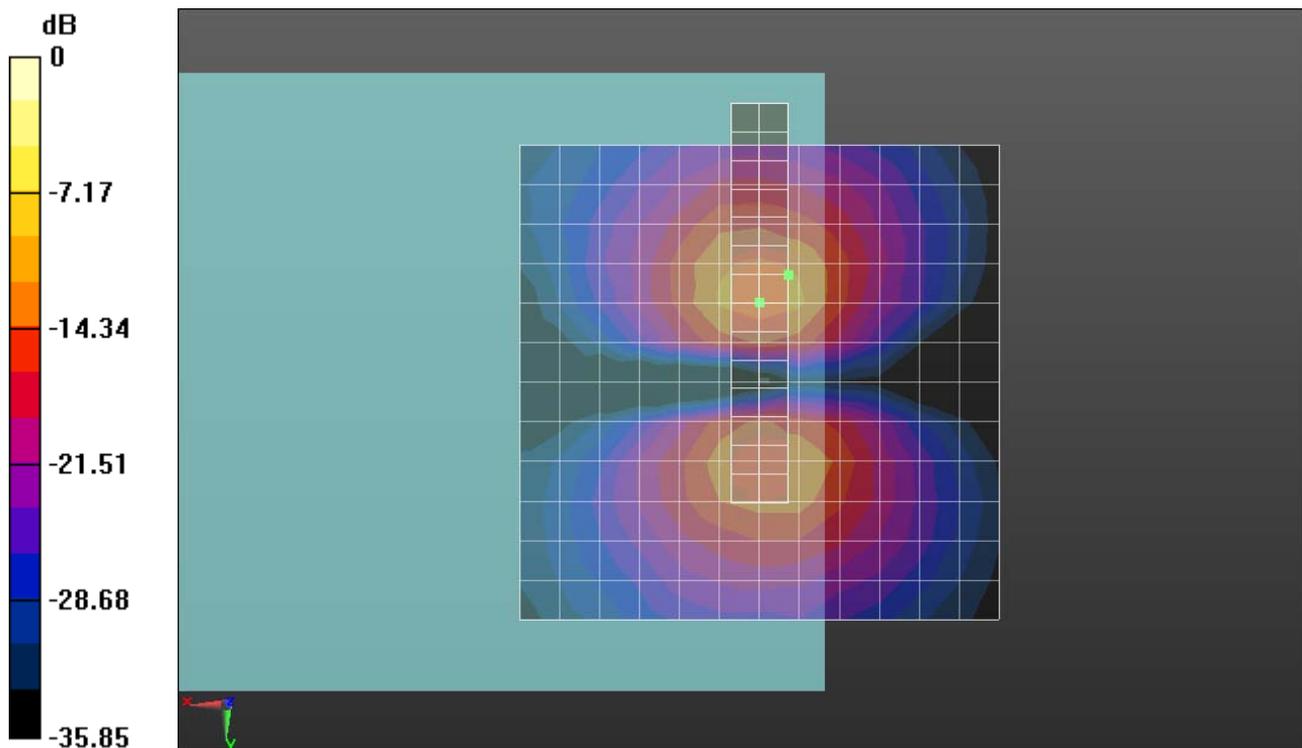- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

**Ch600/y (transversal) fine 3mm 6 x 42/ABM SNR(x,y,z) (3x15x1):** Measurement grid:
dx=10mm, dy=10mm
ABM1/ABM2 = 30.20 dB
ABM1 comp = -10.99 dBA/m
Location: -3, -11.3, 3.7 mm



0 dB = 1.000 A/m = 0.00 dBA/m

**06 HAC T-Coil_CDMA2000 BC1_RC1 SO3_8kEVRC_Ch1175(Z)**

**DUT: 332103**

Communication System: CDMA2000; Frequency: 1908.75 MHz;Duty Cycle: 1:1
Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m$^3$
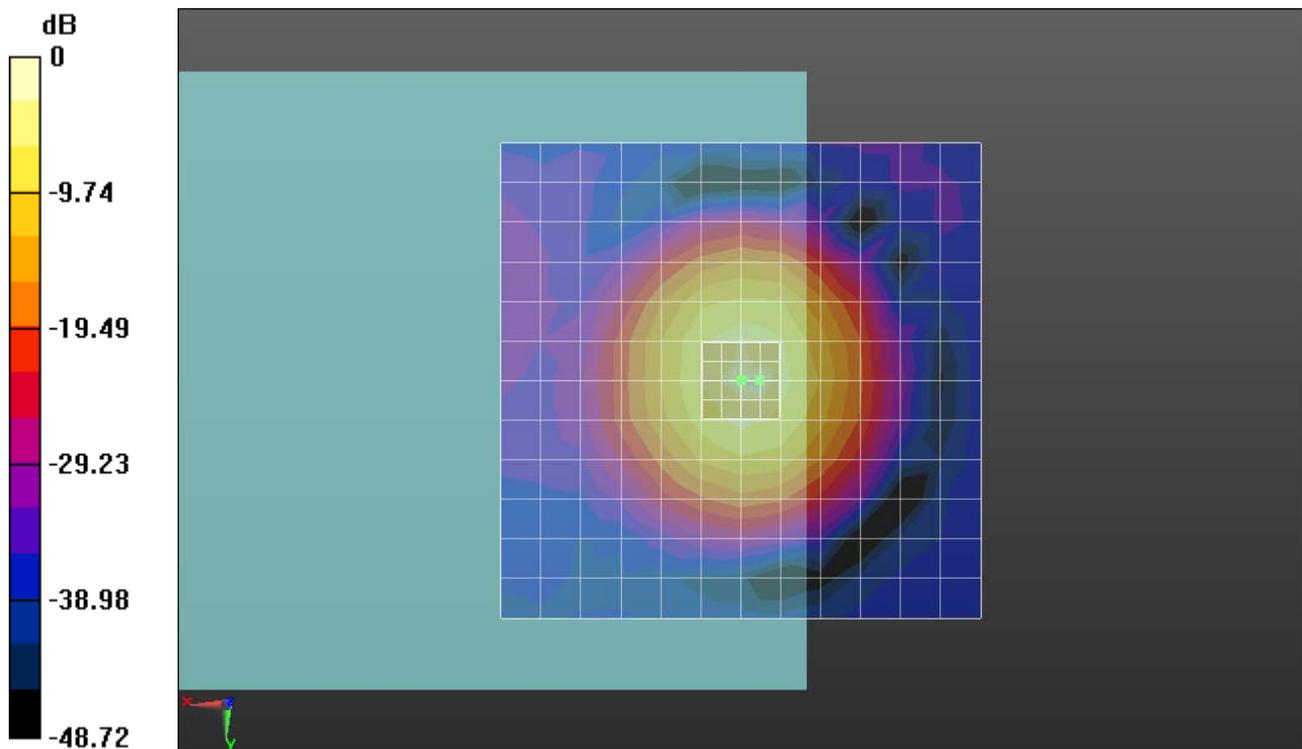Ambient Temperature：23.2 ℃

DASY5 Configuration:
- Probe: AM1DV3 - 3093; ; Calibrated: 2012-4-19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

**Ch1175/z (axial) fine 2mm 8 x 8/ABM SNR(x,y,z) (5x5x1):** Measurement grid: dx=10mm,
dy=10mm
ABM1/ABM2 = 37.49 dB
ABM1 comp = -3.43 dBA/m
Location: 0, 0, 3.7 mm
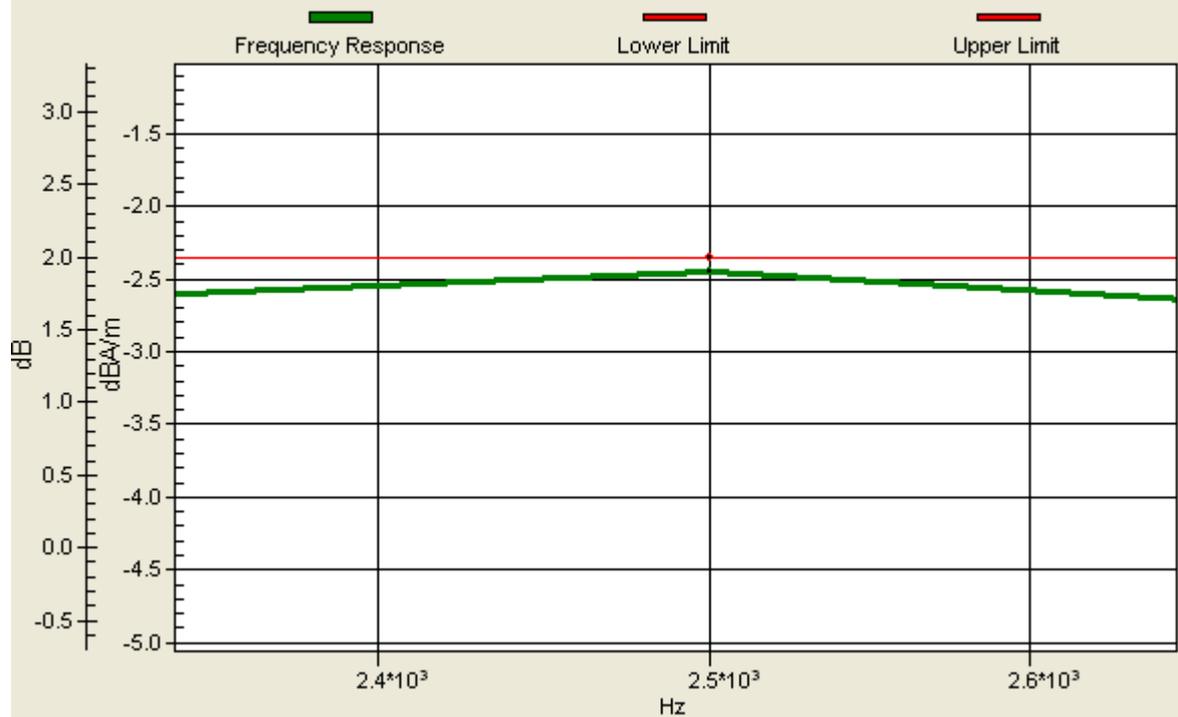


0 dB = 1.000 A/m = 0.00 dBA/m

Ch1175/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)
Loc: 0, 0, 3.7 mm Diff: 0.11dB



Ch1175/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)
Loc: 0, 0, 3.7 mm Diff: 0.11dB

## 06 HAC T-Coil_CDMA2000 BC1_RC1 SO3_8kEVRC_Ch1175(Y)

## DUT: 332103

Communication System: CDMA2000; Frequency: 1908.75 MHz;Duty Cycle: 1:1
Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m$^3$
Ambient Temperature：23.2 ℃

DASY5 Configuration:
- Probe: AM1DV3 - 3093; ; Calibrated: 2012-4-19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
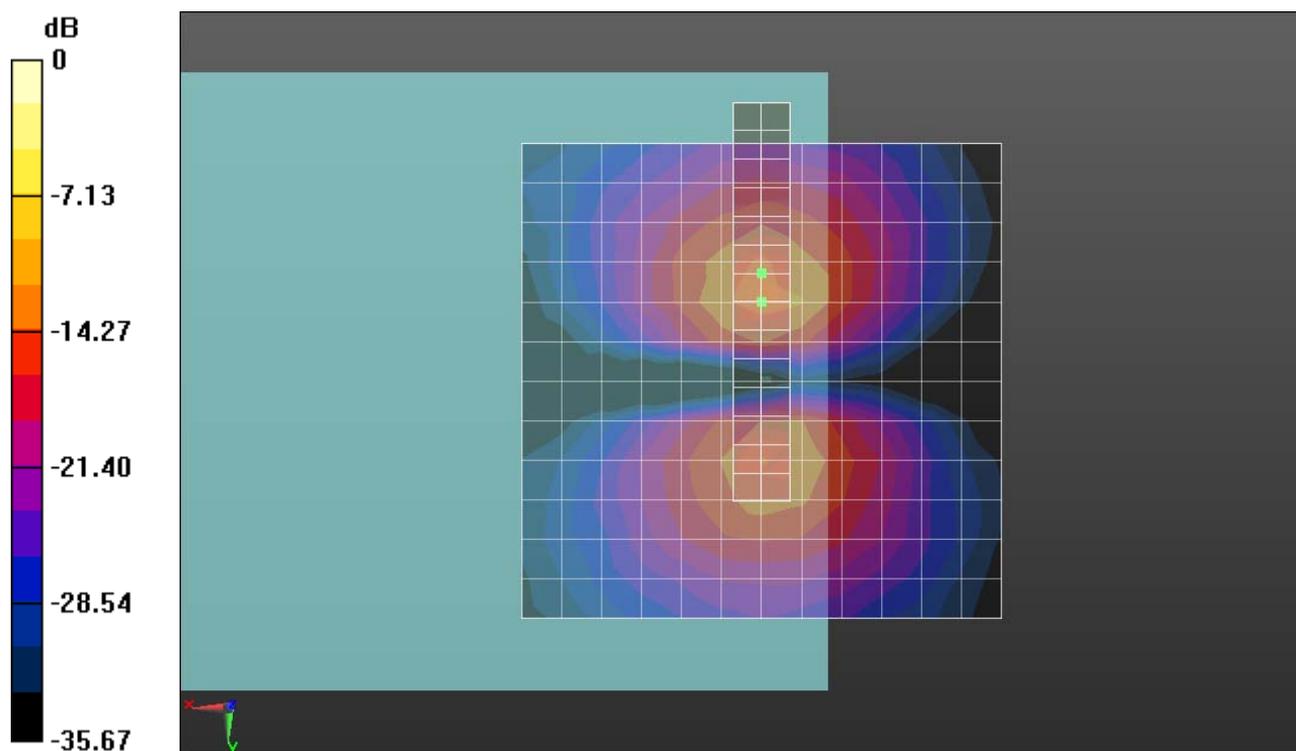- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

## Ch1175/y (transversal) fine 3mm 6 x 42/ABM SNR(x,y,z) (3x15x1): Measurement grid:
dx=10mm, dy=10mm
ABM1/ABM2 = 30.58 dB
ABM1 comp = -10.89 dBA/m
Location: 0, -11.3, 3.7 mm



0 dB = 1.000 A/m = 0.00 dBA/m