

01 HAC T-Coil_CDMA BC0_RC1 SO3_8kEVRC_Ch1013(Z)

DUT: 320404

Communication System: CDMA2000; Frequency: 824.7 MHz; Duty Cycle: 1:1

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

Ambient Temperature : 23.1 °C

DASY5 Configuration:

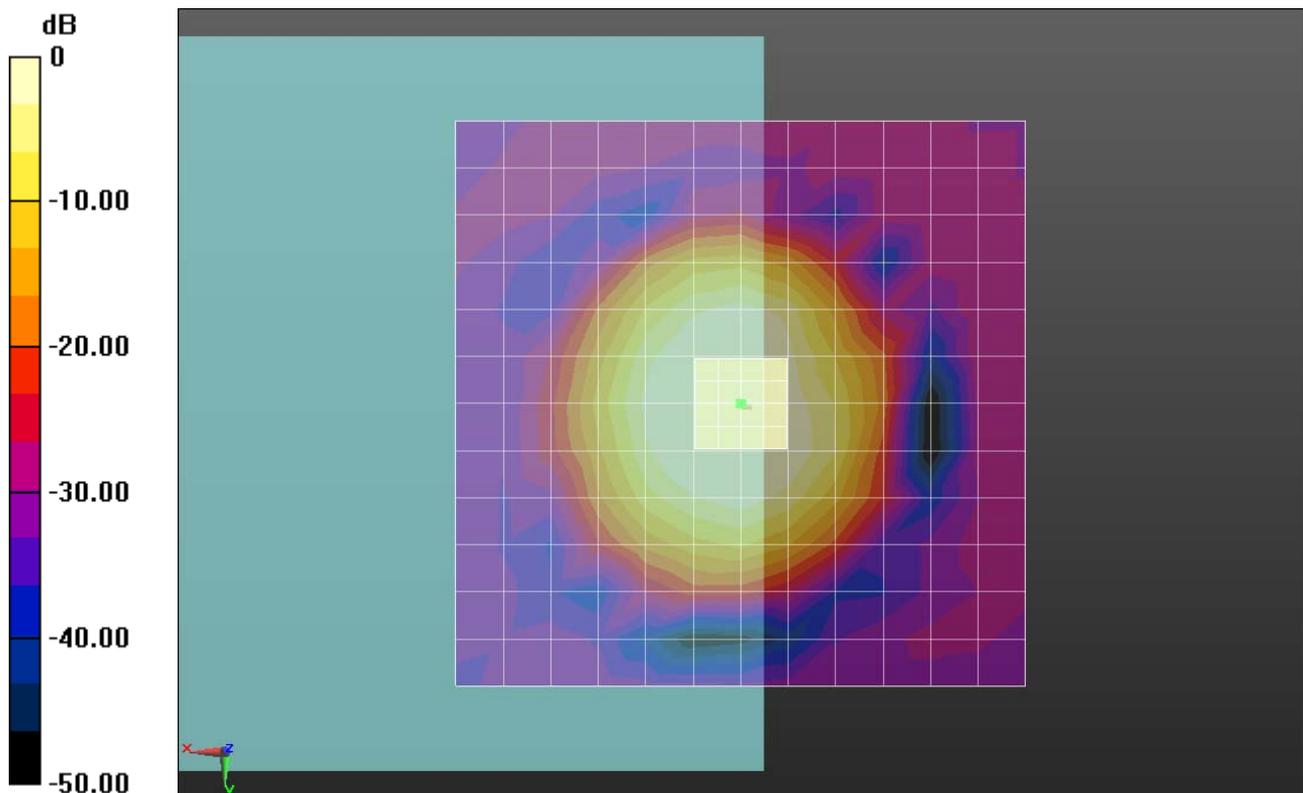
- Probe: AM1DV3 - 3093; ; Calibrated: 2012-4-19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

Ch1013/z (axial) fine 2mm 8 x 8/ABM SNR(x,y,z) (5x5x1): Measurement grid: dx=10mm, dy=10mm

ABM1/ABM2 = 46.00 dB

ABM1 comp = 4.19 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: 2dB



01 HAC T-Coil_CDMA BC0_RC1 SO3_8kEVRC_Ch1013(Y)

DUT: 320404

Communication System: CDMA2000; Frequency: 824.7 MHz; Duty Cycle: 1:1

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

Ambient Temperature : 23.1 °C

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)

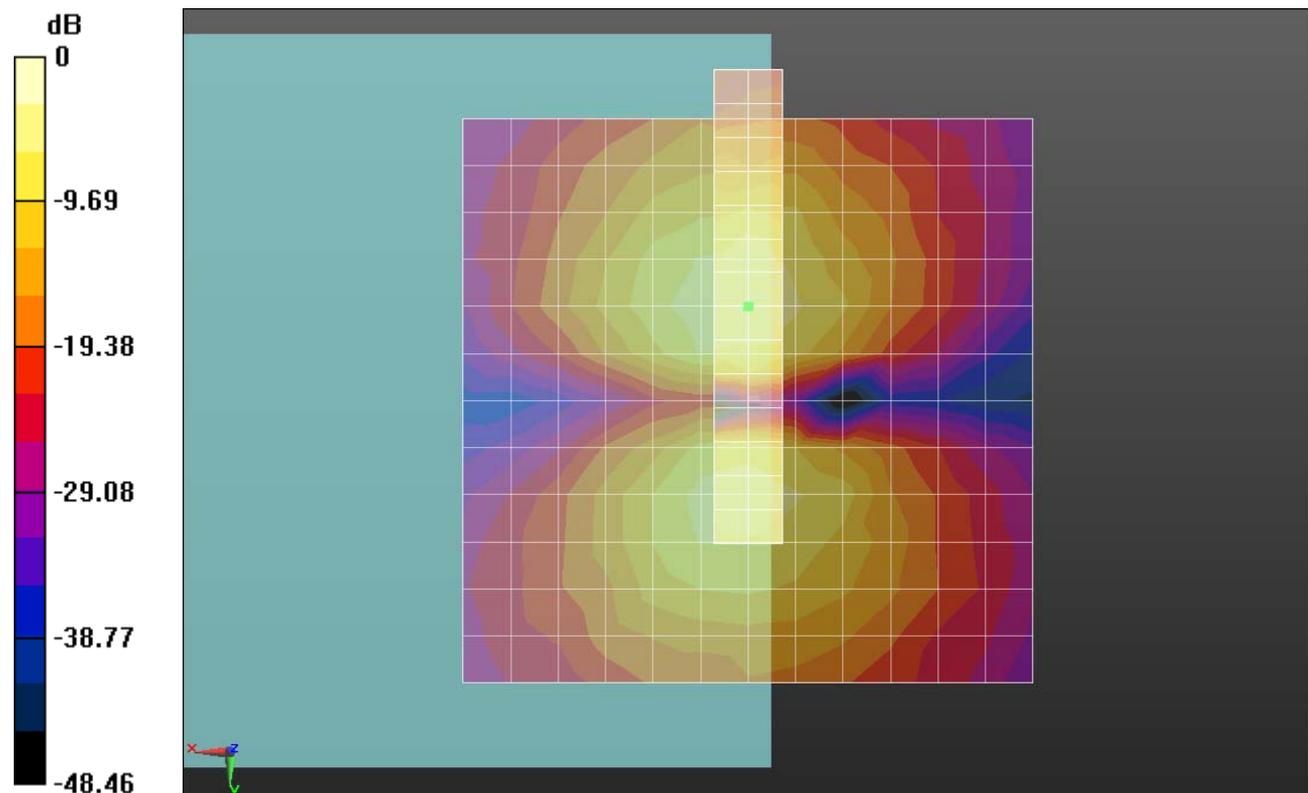
Ch1013/y (transversal) fine 3mm 6 x 42/ABM SNR(x,y,z) (3x15x1): Measurement grid:

dx=10mm, dy=10mm

ABM1/ABM2 = 40.88 dB

ABM1 comp = -2.45 dBA/m

Location: 0, -8.3, 3.7 mm



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

02 HAC_T-Coil CDMA BC0_RC1 SO3_8kEVRC_Ch384(Z)

DUT: 320404

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

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

Ambient Temperature : 23.1 °C

DASY5 Configuration:

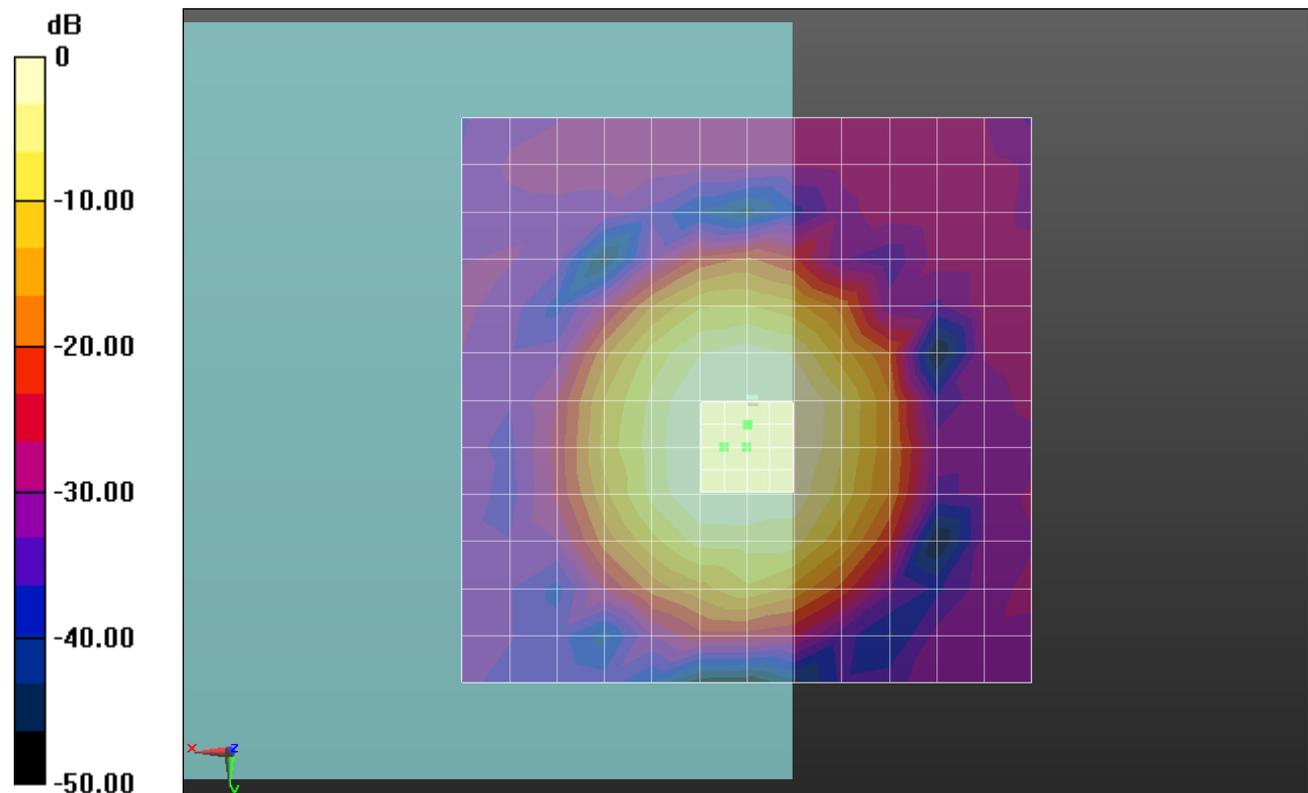
- Probe: AM1DV3 - 3093; ; Calibrated: 2012-4-19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

Ch384/z (axial) fine 2mm 8 x 8/ABM SNR(x,y,z) (5x5x1): Measurement grid: dx=10mm, dy=10mm

ABM1/ABM2 = 44.97 dB

ABM1 comp = 3.76 dBA/m

Location: 0, 2.2, 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, 2.2, 3.7 mm Diff: 1.37dB



02 HAC_T-Coil CDMA BC0_RC1 SO3_8kEVRC_Ch384(Y)

DUT: 320404

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

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

Ambient Temperature : 23.1 °C

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)

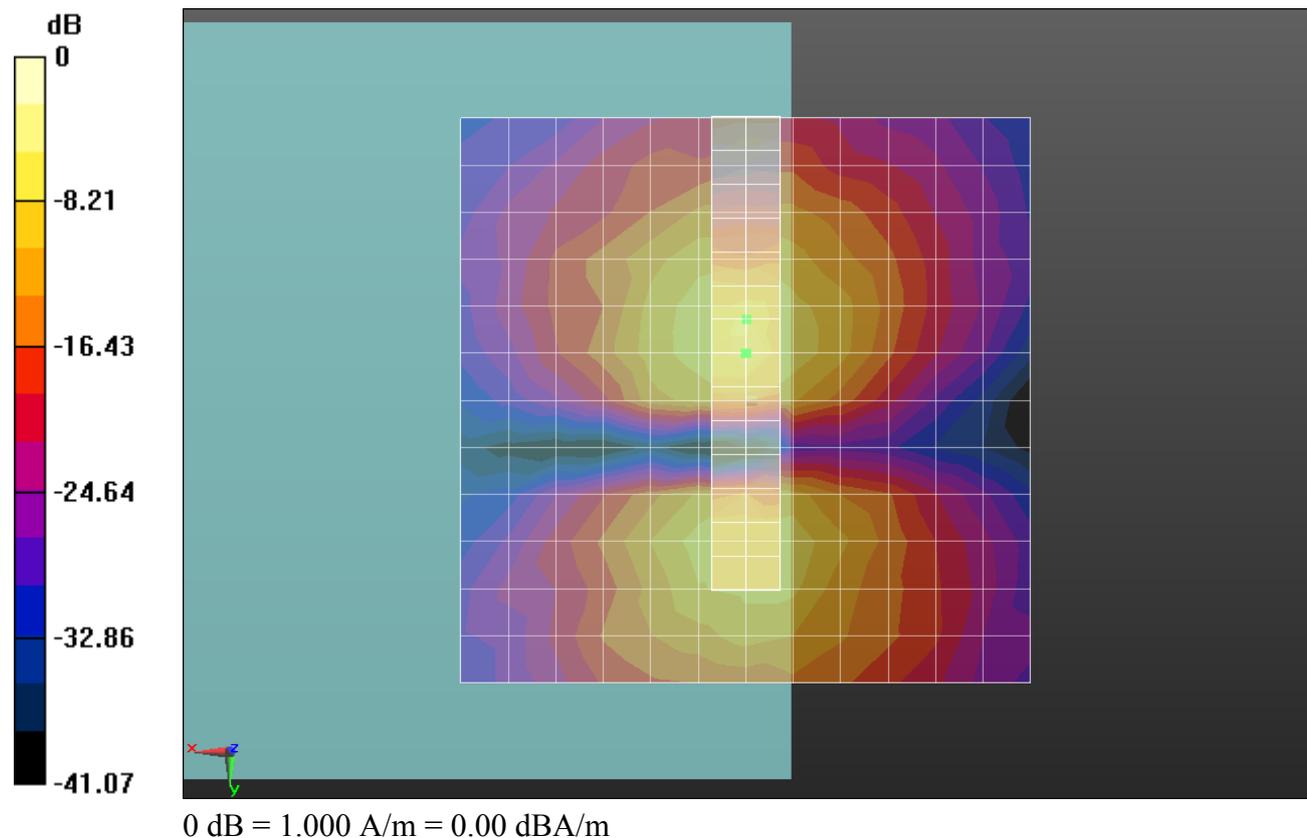
Ch384/y (transversal) fine 3mm 6 x 42/ABM SNR(x,y,z) (3x15x1): Measurement grid:

dx=10mm, dy=10mm

ABM1/ABM2 = 38.39 dB

ABM1 comp = -4.76 dBA/m

Location: 0, -4.2, 3.7 mm



03 HAC_T-Coil CDMA BC0_RC1 SO3_8kEVRC_Ch777(Z)

DUT: 320404

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

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

Ambient Temperature : 23.1 °C

DASY5 Configuration:

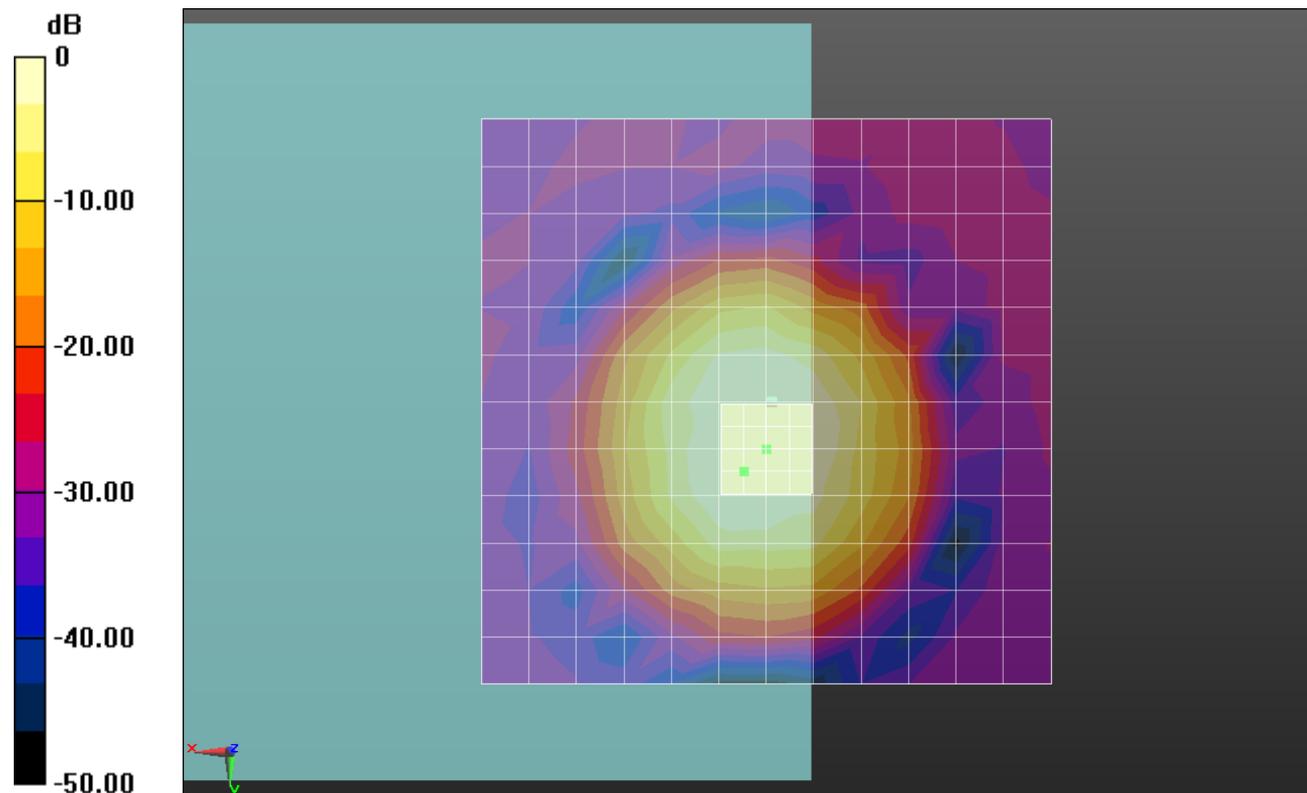
- Probe: AM1DV3 - 3093; ; Calibrated: 2012-4-19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

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

ABM1/ABM2 = 45.50 dB

ABM1 comp = 4.37 dBA/m

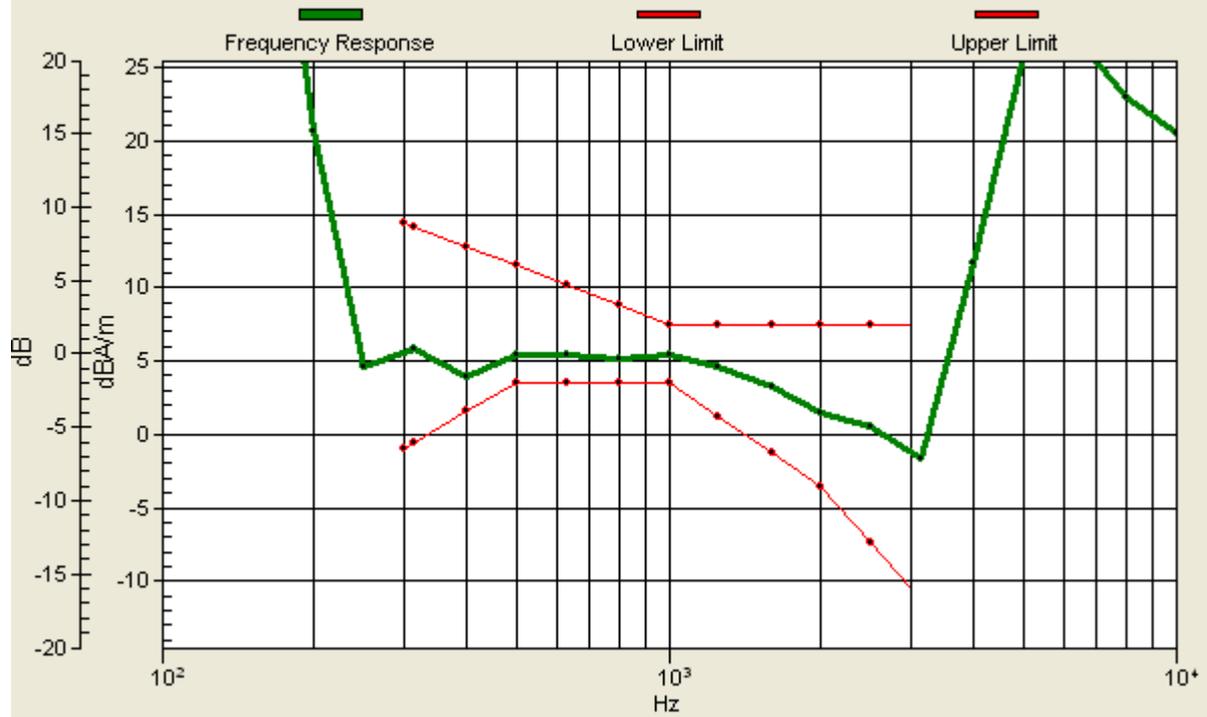
Location: 2, 6.2, 3.7 mm



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: 2, 6.2, 3.7 mm Diff: 1.69dB



03 HAC_T-Coil CDMA BC0_RC1 SO3_8kEVRC_Ch777(Y)

DUT: 320404

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

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

Ambient Temperature : 23.1 °C

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)

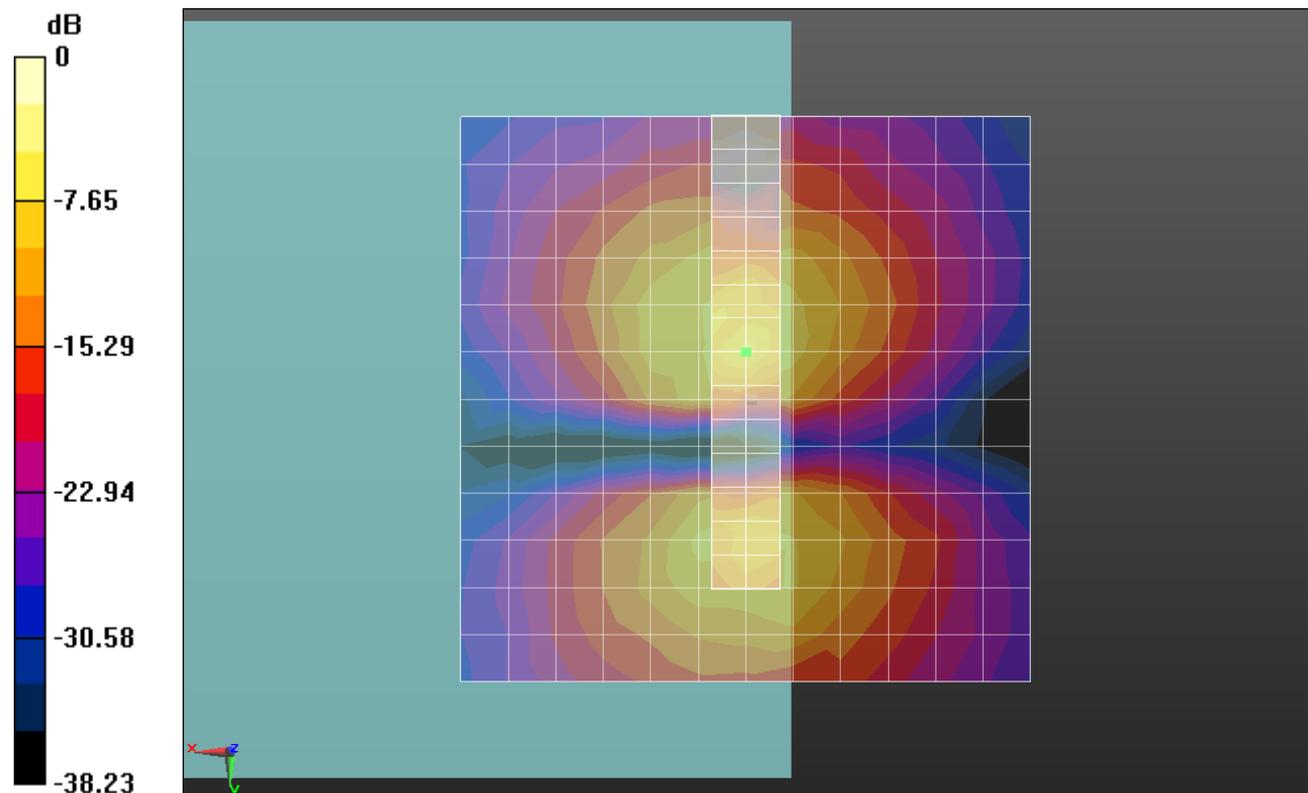
Ch777/y (transversal) fine 3mm 6 x 42/ABM SNR(x,y,z) (3x15x1): Measurement grid:

dx=10mm, dy=10mm

ABM1/ABM2 = 39.33 dB

ABM1 comp = -3.68 dBA/m

Location: 0, -4.2, 3.7 mm



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

04 HAC_T-Coil CDMA BC1_RC1 SO3_8kEVRC_Ch25(Z)

DUT: 320404

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

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

Ambient Temperature : 23.1 °C

DASY5 Configuration:

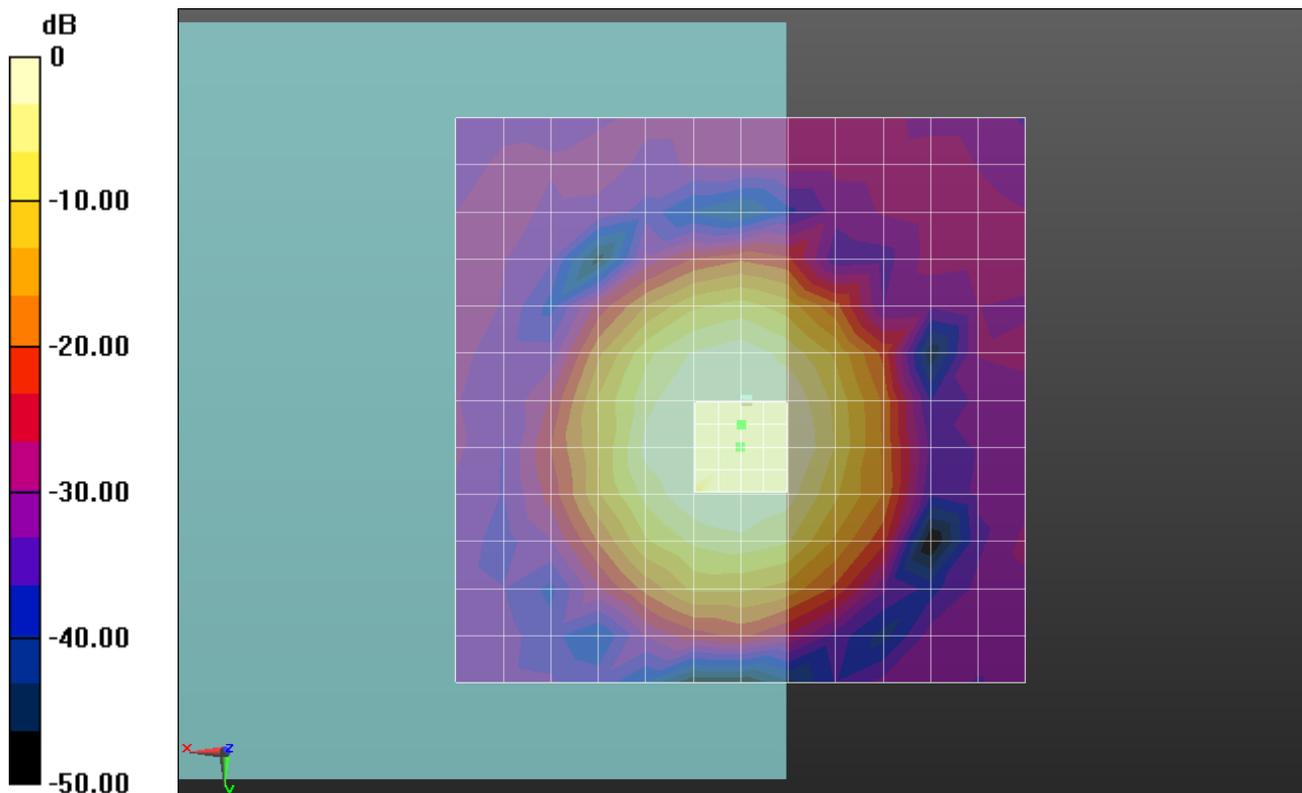
- Probe: AM1DV3 - 3093; ; Calibrated: 2012-4-19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

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

ABM1/ABM2 = 45.49 dB

ABM1 comp = 3.75 dBA/m

Location: 0, 2.2, 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: 0, 2.2, 3.7 mm Diff: 1.57dB



04 HAC_T-Coil CDMA BC1_RC1 SO3_8kEVRC_Ch25(Y)

DUT: 320404

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

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

Ambient Temperature : 23.1 °C

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)

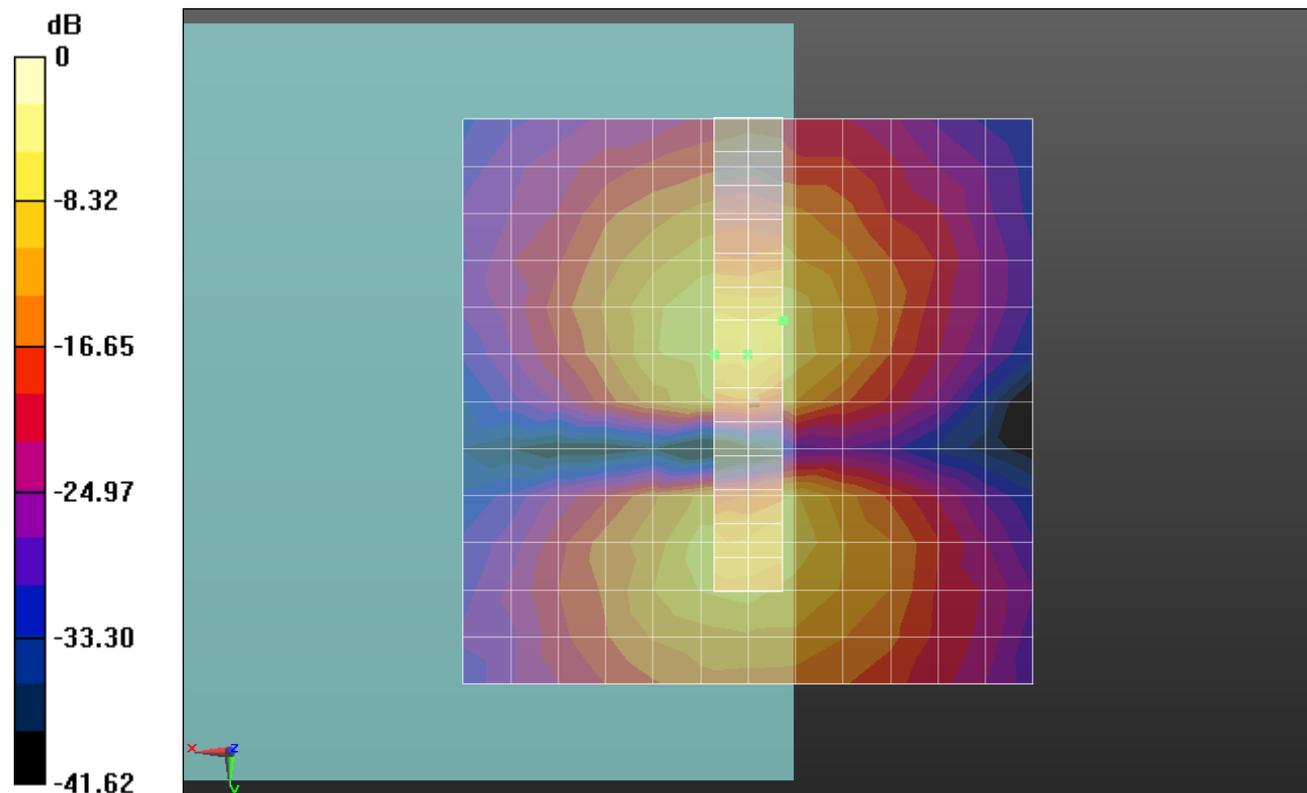
Ch25/y (transversal) fine 3mm 6 x 42/ABM SNR(x,y,z) (3x15x1): Measurement grid:

dx=10mm, dy=10mm

ABM1/ABM2 = 38.51 dB

ABM1 comp = -4.66 dBA/m

Location: -3, -7.2, 3.7 mm



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

05 HAC_T-Coil CDMA BC1_RC1 SO3_8kEVRC_Ch600(Z)

DUT: 320404

Communication System: CDMA2000; Frequency: 1880 MHz; Duty Cycle: 1:1

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

Ambient Temperature : 23.1 °C

DASY5 Configuration:

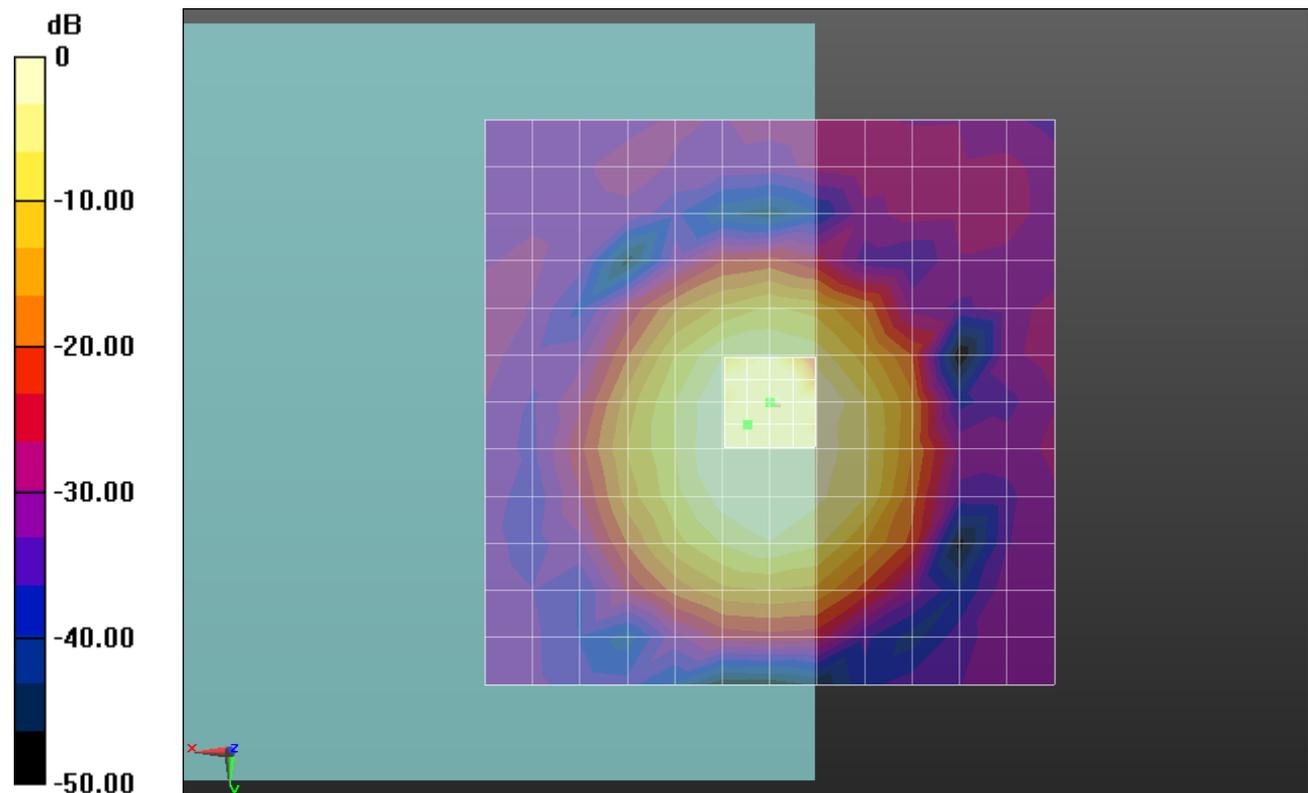
- Probe: AM1DV3 - 3093; ; Calibrated: 2012-4-19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

Ch600/z (axial) fine 2mm 8 x 8/ABM SNR(x,y,z) (5x5x1): Measurement grid: dx=10mm, dy=10mm

ABM1/ABM2 = 44.61 dB

ABM1 comp = 3.73 dBA/m

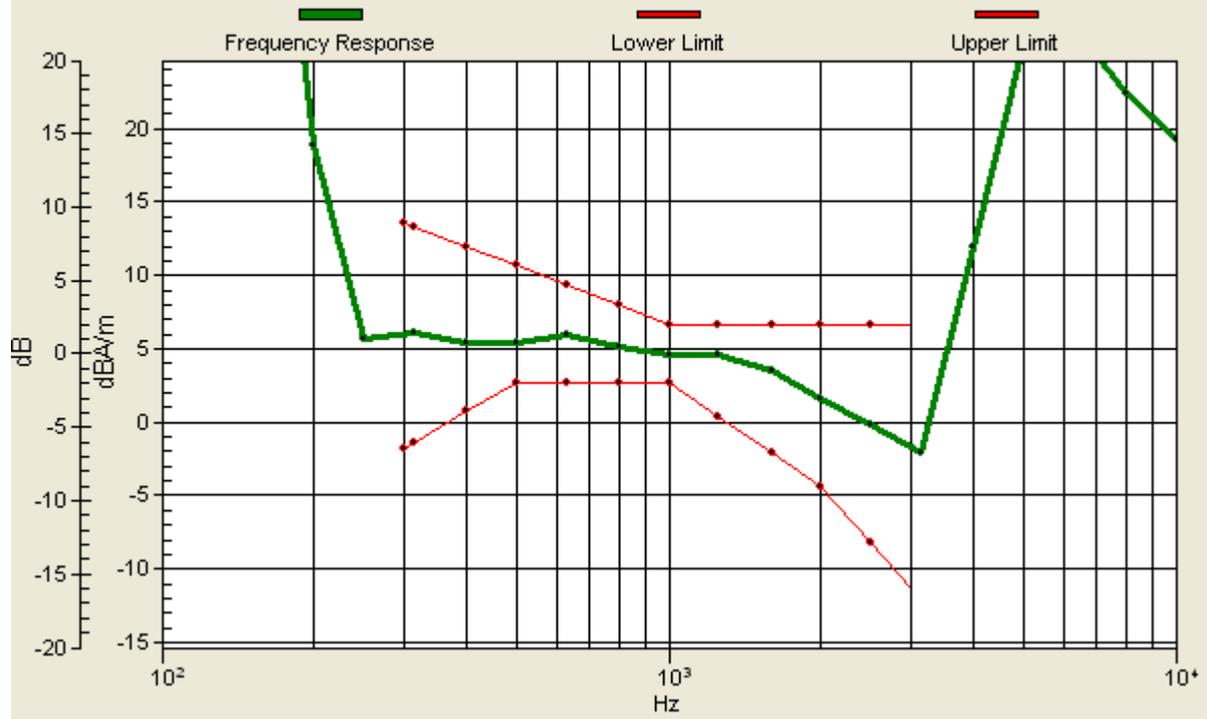
Location: 2, 2, 3.7 mm



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: 2, 2, 3.7 mm Diff: 2dB



05 HAC_T-Coil CDMA BC1_RC1 SO3_8kEVRC_Ch600(Y)

DUT: 320404

Communication System: CDMA2000; Frequency: 1880 MHz; Duty Cycle: 1:1

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

Ambient Temperature : 23.1 °C

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)

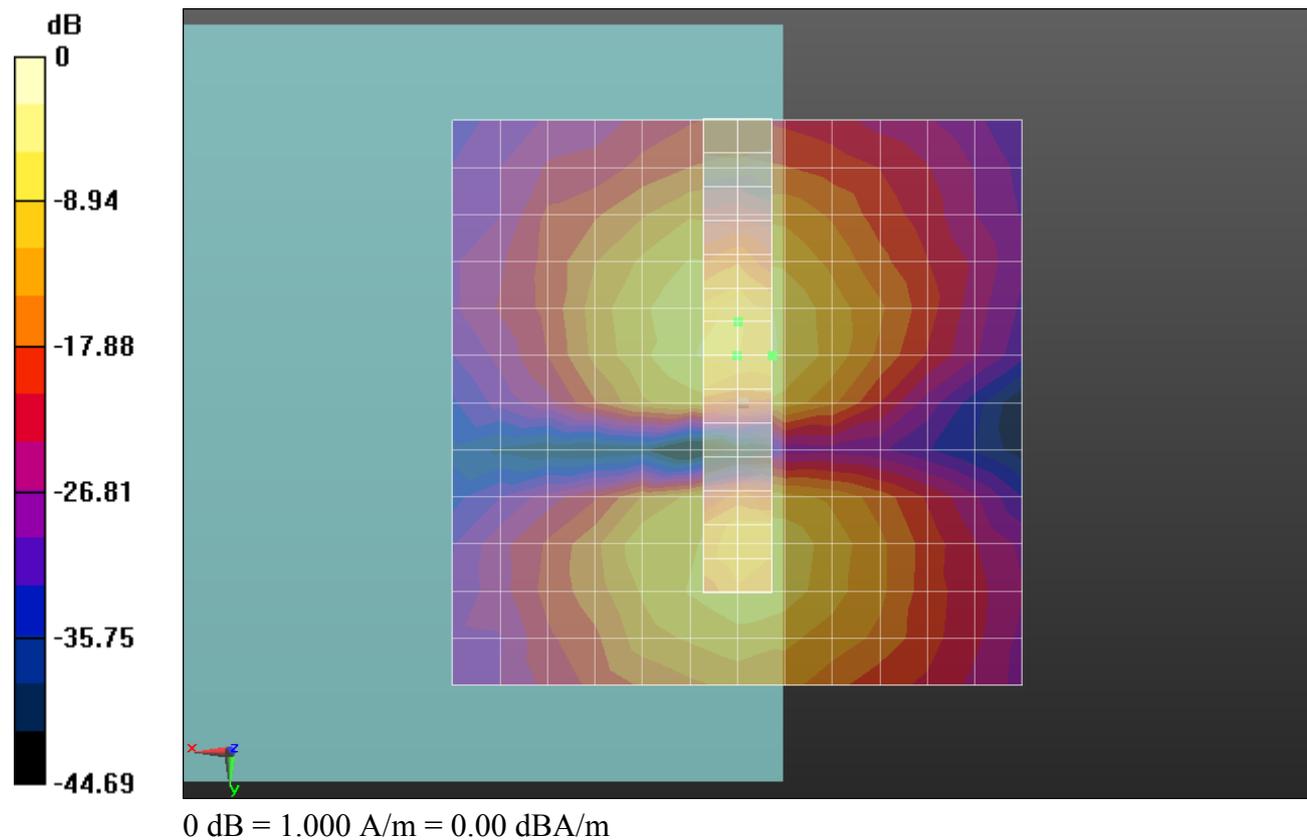
Ch600/y (transversal) fine 3mm 6 x 42/ABM SNR(x,y,z) (3x15x1): Measurement grid:

dx=10mm, dy=10mm

ABM1/ABM2 = 38.63 dB

ABM1 comp = -5.34 dBA/m

Location: -3, -4.2, 3.7 mm



06 HAC_T-Coil CDMA BC1_RC1 SO3_8kEVRC_Ch1175(Z)

DUT: 320404

Communication System: CDMA2000; Frequency: 1908.75 MHz; Duty Cycle: 1:1

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

Ambient Temperature : 23.1 °C

DASY5 Configuration:

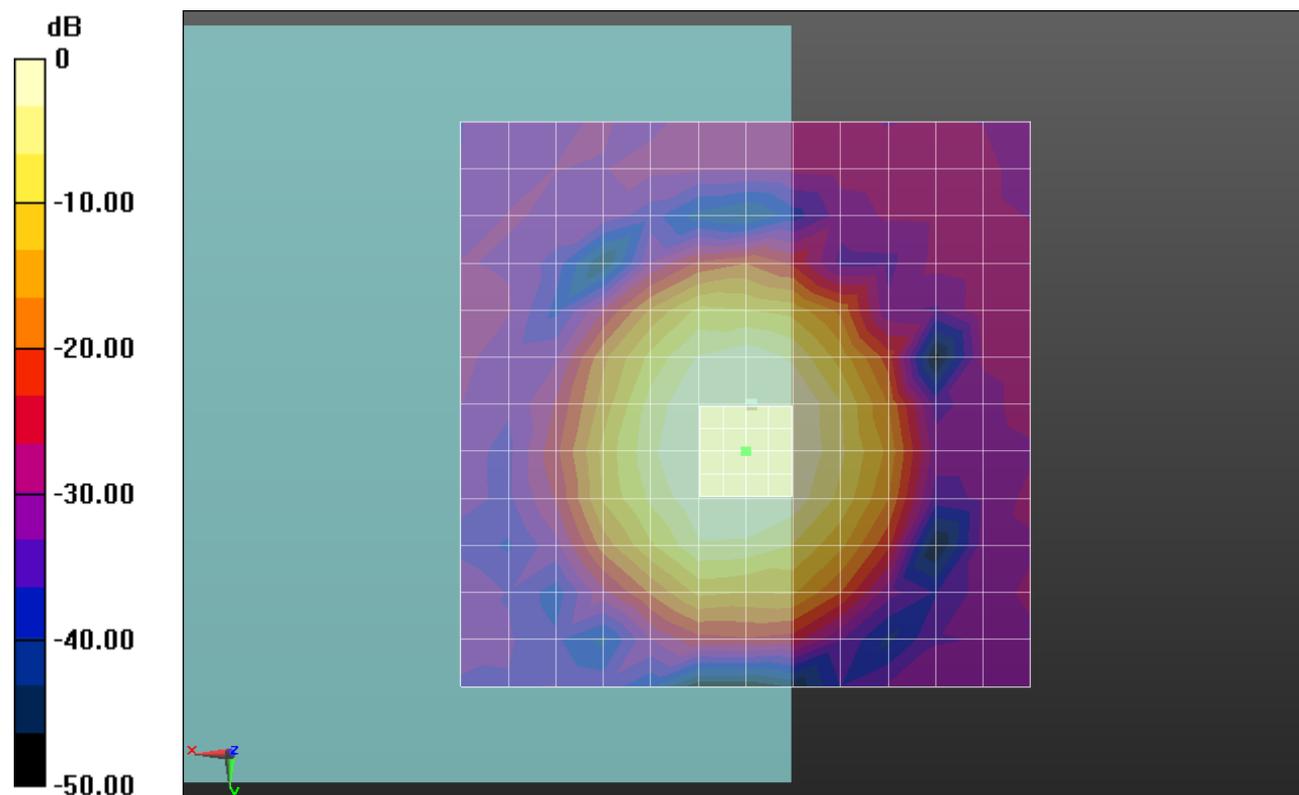
- Probe: AM1DV3 - 3093; ; Calibrated: 2012-4-19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

Ch1175/z (axial) fine 2mm 8 x 8/ABM SNR(x,y,z) (5x5x1): Measurement grid: dx=10mm, dy=10mm

ABM1/ABM2 = 45.41 dB

ABM1 comp = 4.02 dBA/m

Location: 0, 4.2, 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, 4.2, 3.7 mm Diff: 1.5dB



06 HAC_T-Coil CDMA BC1_RC1 SO3_8kEVRC_Ch1175(Y)

DUT: 320404

Communication System: CDMA2000; Frequency: 1908.75 MHz; Duty Cycle: 1:1

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

Ambient Temperature : 23.1 °C

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)

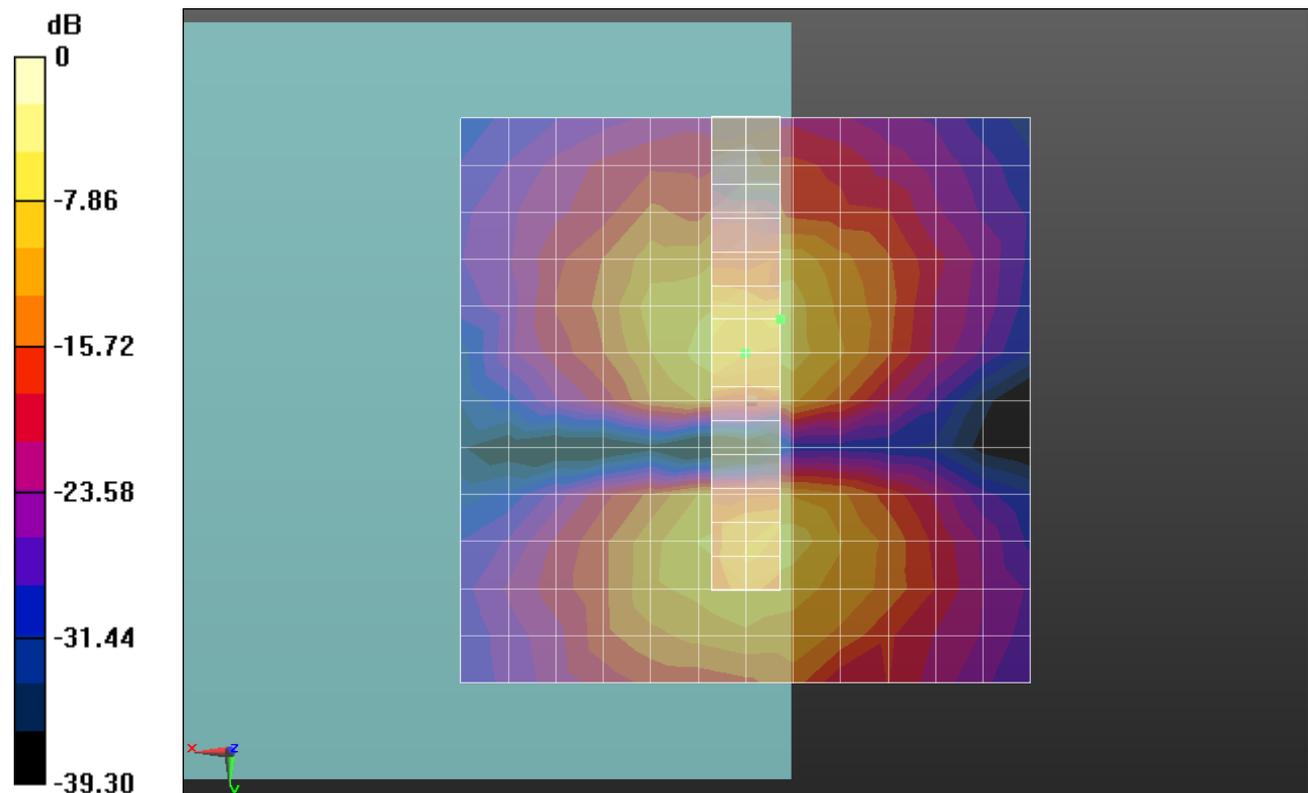
Ch1175/y (transversal) fine 3mm 6 x 42/ABM SNR(x,y,z) (3x15x1): Measurement grid:

dx=10mm, dy=10mm

ABM1/ABM2 = 37.88 dB

ABM1 comp = -4.70 dBA/m

Location: -3, -7.2, 3.7 mm



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

07 HAC_T-Coil CDMA BC10_RC1 SO3_8kEVRC_Ch476(Z)

DUT: 320404

Communication System: CDMA2000; Frequency: 817.9 MHz; Duty Cycle: 1:1

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

Ambient Temperature : 23.1 °C

DASY5 Configuration:

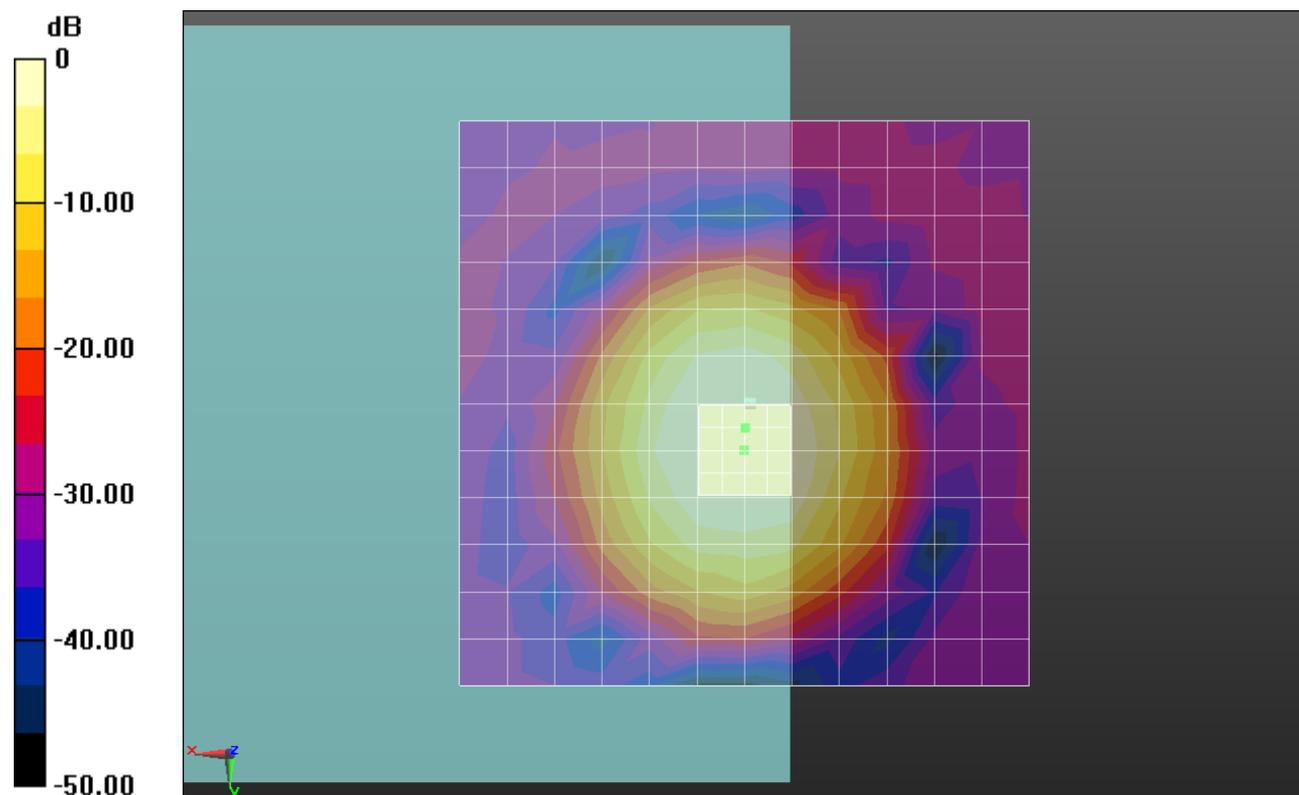
- Probe: AM1DV3 - 3093; ; Calibrated: 2012-4-19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

Ch476/z (axial) fine 2mm 8 x 8/ABM SNR(x,y,z) (5x5x1): Measurement grid: dx=10mm, dy=10mm

ABM1/ABM2 = 45.47 dB

ABM1 comp = 4.30 dBA/m

Location: 0, 2.2, 3.7 mm



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

Ch476/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)

Loc: 0, 2.2, 3.7 mm Diff: 1.61dB



07 HAC_T-Coil CDMA BC10_RC1 SO3_8kEVRC_Ch476(Y)

DUT: 320404

Communication System: CDMA2000; Frequency: 817.9 MHz; Duty Cycle: 1:1

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

Ambient Temperature : 23.1 °C

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)

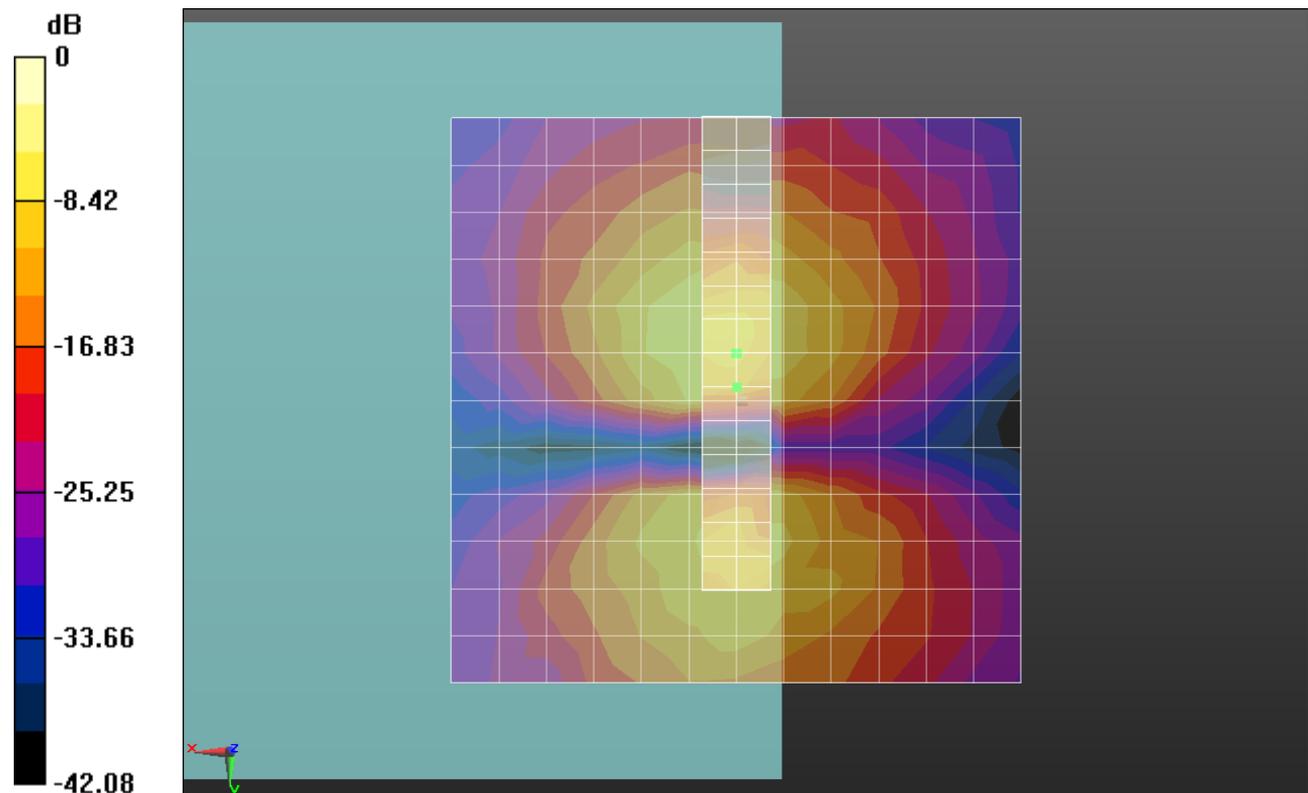
Ch476/y (transversal) fine 3mm 6 x 42/ABM SNR(x,y,z) (3x15x1): Measurement grid:

dx=10mm, dy=10mm

ABM1/ABM2 = 38.48 dB

ABM1 comp = -6.20 dBA/m

Location: 0, -1.2, 3.7 mm



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

08 HAC_T-Coil CDMA BC10_RC1 SO3_8kEVRC_Ch580(Z)

DUT: 320404

Communication System: CDMA2000; Frequency: 820.5 MHz; Duty Cycle: 1:1

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

Ambient Temperature : 23.1 °C

DASY5 Configuration:

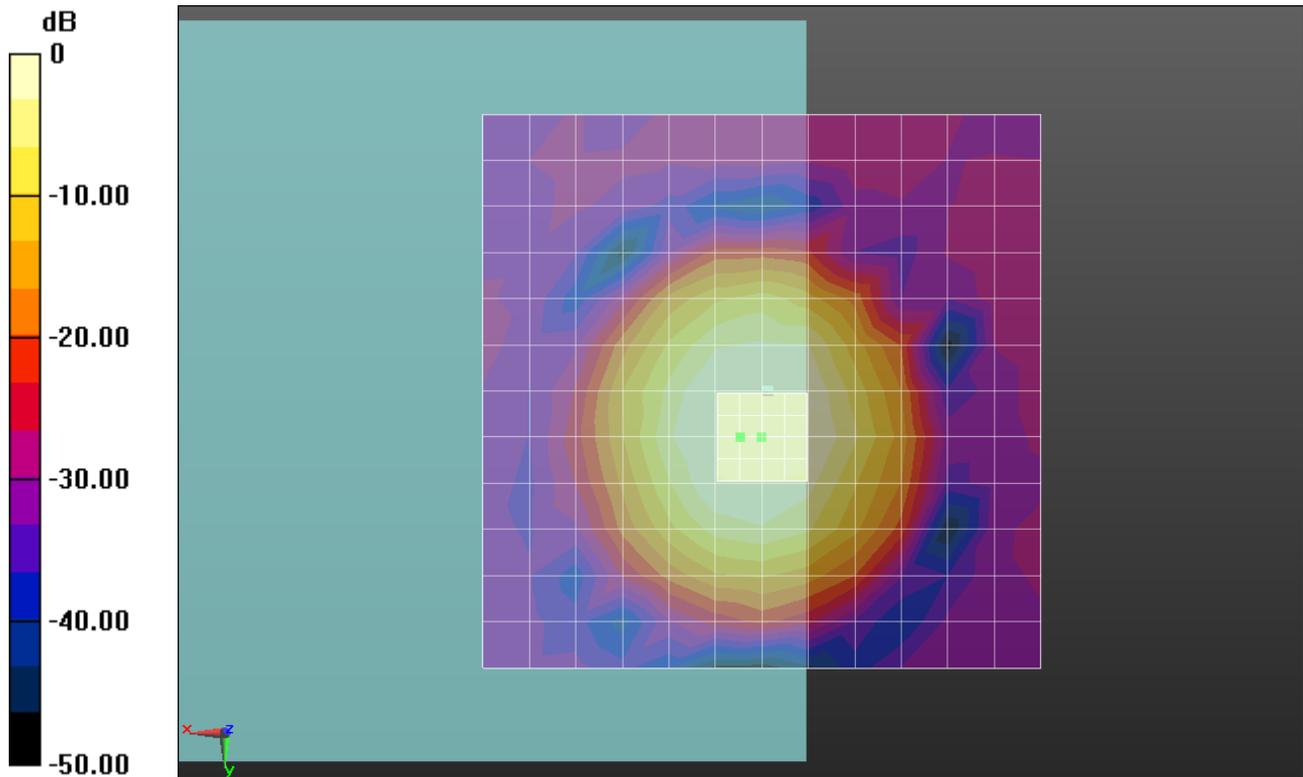
- Probe: AM1DV3 - 3093; ; Calibrated: 2012-4-19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

Ch580/z (axial) fine 2mm 8 x 8/ABM SNR(x,y,z) (5x5x1): Measurement grid: dx=10mm, dy=10mm

ABM1/ABM2 = 44.15 dB

ABM1 comp = 3.19 dBA/m

Location: 2, 4.2, 3.7 mm



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

Ch580/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)

Loc: 2, 4.2, 3.7 mm Diff: 1.68dB



08 HAC_T-Coil CDMA BC10_RC1 SO3_8kEVRC_Ch580(Y)

DUT: 320404

Communication System: CDMA2000; Frequency: 820.5 MHz; Duty Cycle: 1:1

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

Ambient Temperature : 23.1 °C

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)

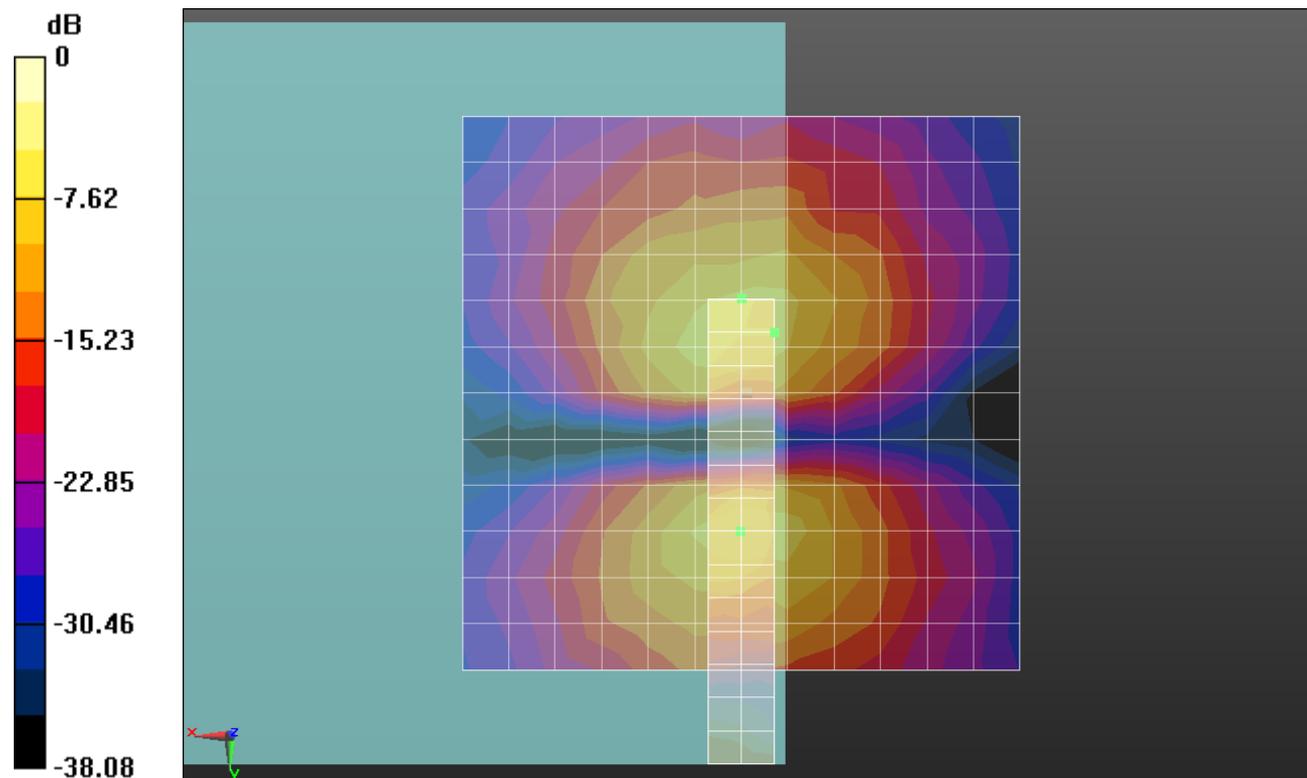
Ch580/y (transversal) fine 3mm 6 x 42/ABM SNR(x,y,z) (3x15x1): Measurement grid:

dx=10mm, dy=10mm

ABM1/ABM2 = 37.97 dB

ABM1 comp = -5.85 dBA/m

Location: -3, -5.5, 3.7 mm



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

09 HAC_T-Coil CDMA BC10_RC1 SO3_8kEVRC_Ch684(Z)

DUT: 320404

Communication System: CDMA2000; Frequency: 823.1 MHz; Duty Cycle: 1:1

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

Ambient Temperature : 23.1 °C

DASY5 Configuration:

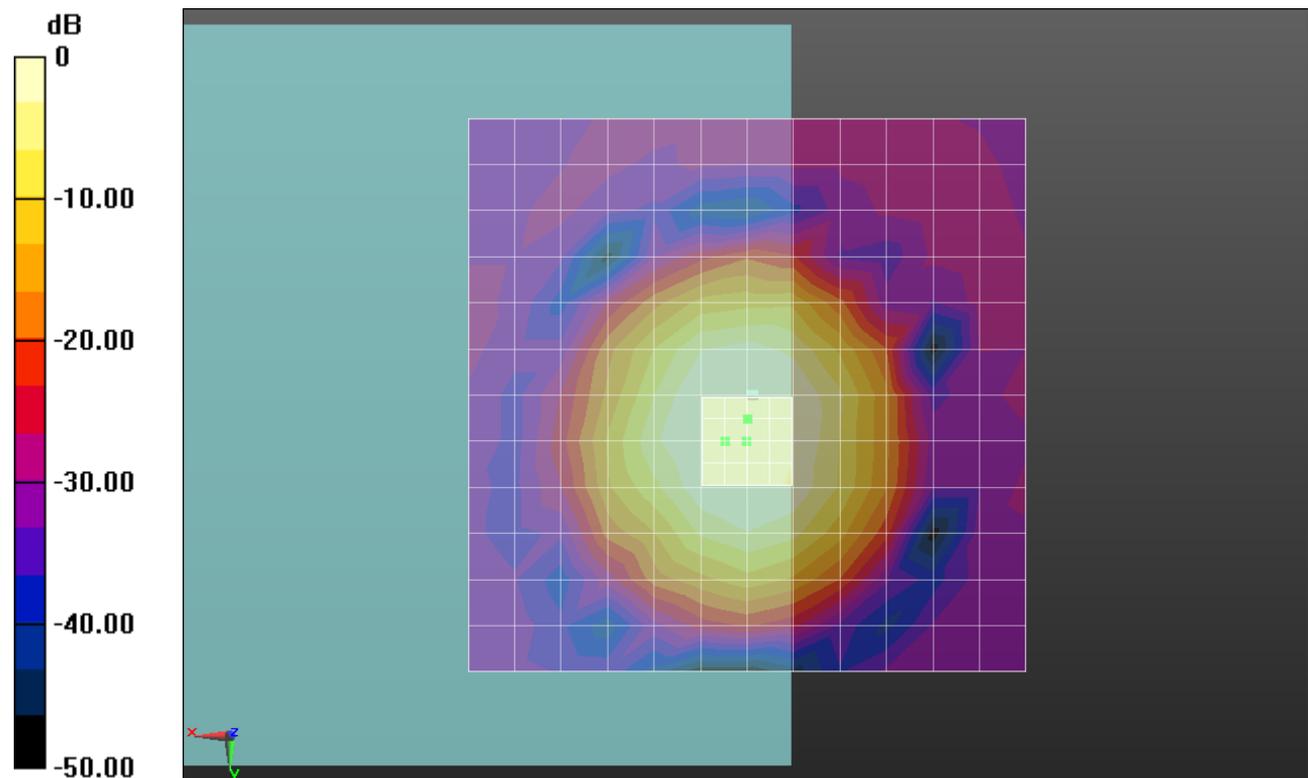
- Probe: AM1DV3 - 3093; ; Calibrated: 2012-4-19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

Ch684/z (axial) fine 2mm 8 x 8/ABM SNR(x,y,z) (5x5x1): Measurement grid: dx=10mm, dy=10mm

ABM1/ABM2 = 45.35 dB

ABM1 comp = 3.61 dBA/m

Location: 0, 2.2, 3.7 mm



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

Ch684/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)

Loc: 0, 2.2, 3.7 mm Diff: 1.68dB



09 HAC_T-Coil CDMA BC10_RC1 SO3_8kEVRC_Ch684(Y)

DUT: 320404

Communication System: CDMA2000; Frequency: 823.1 MHz; Duty Cycle: 1:1

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

Ambient Temperature : 23.1 °C

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)

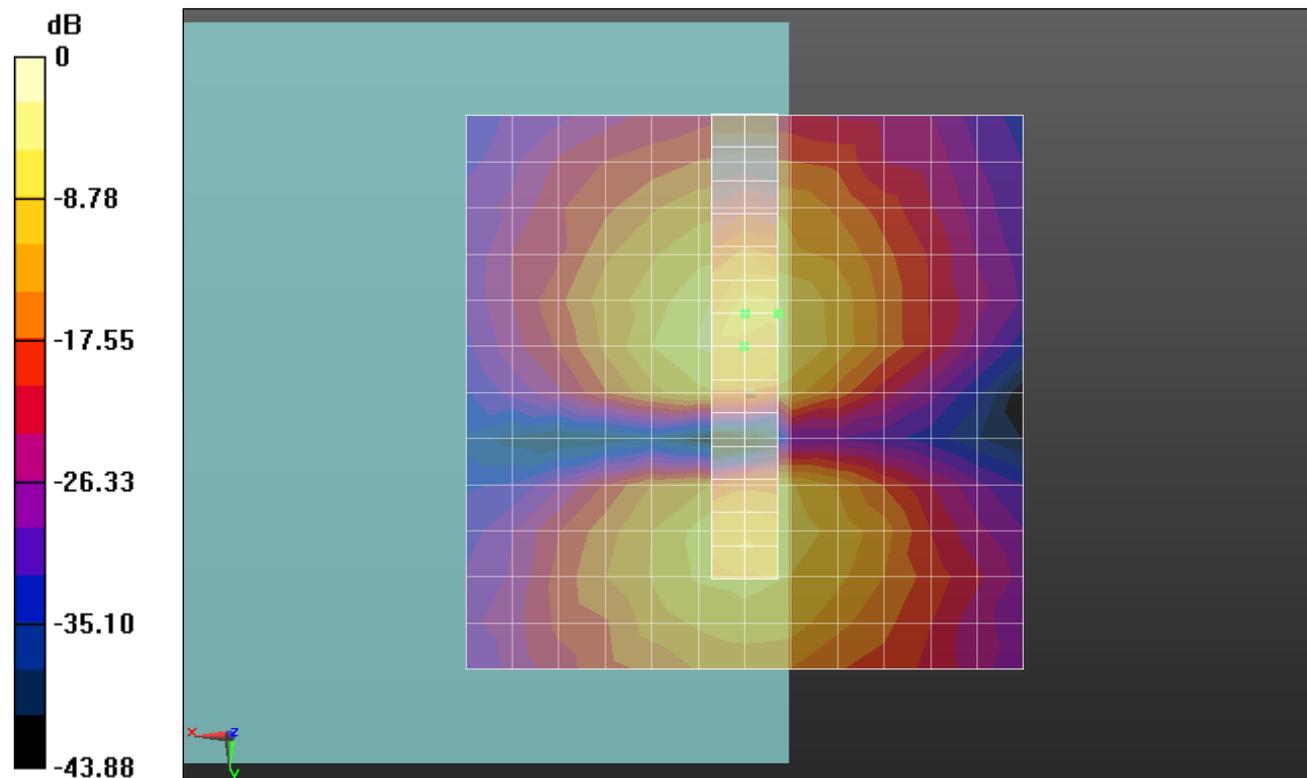
Ch684/y (transversal) fine 3mm 6 x 42/ABM SNR(x,y,z) (3x15x1): Measurement grid:

dx=10mm, dy=10mm

ABM1/ABM2 = 37.75 dB

ABM1 comp = -5.37 dBA/m

Location: -3, -7.2, 3.7 mm



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