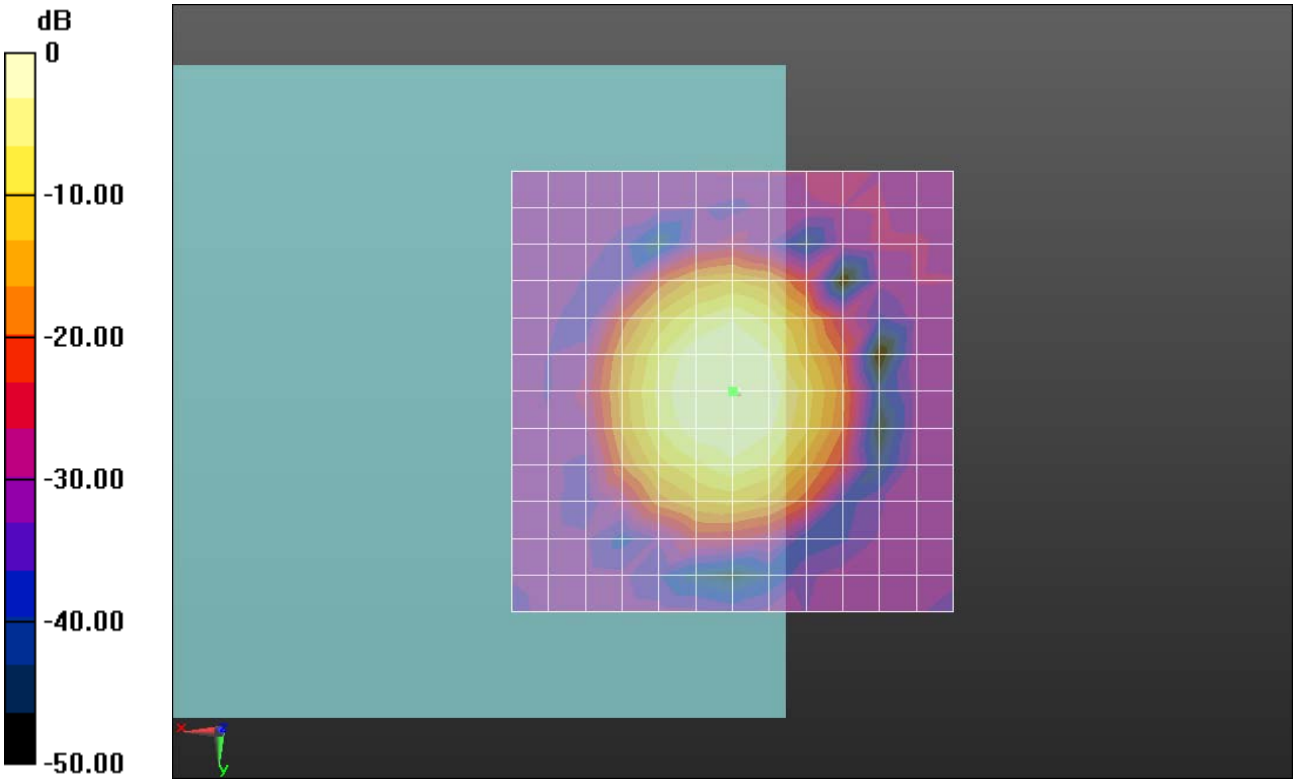
**01 HAC T-Coil_CDMA2000 BC0_RC1 SO3_Ch1013(Z)**

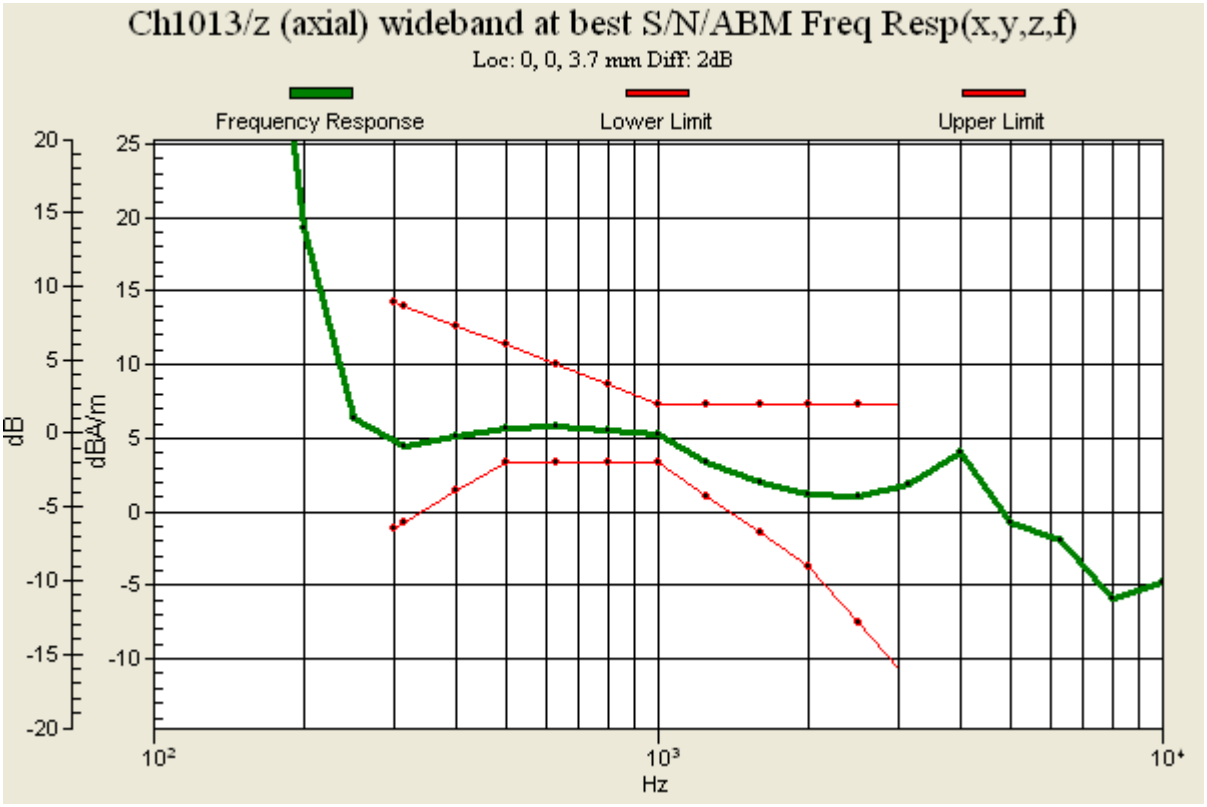
Communication System: CDMA2000; Frequency: 824.7 MHz;Duty Cycle: 1:1
Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m$^3$
Ambient Temperature：23.6 ℃

DASY5 Configuration:
- Probe: AM1DV3 - 3093; ; Calibrated: 2013.05.07
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.6.8 (7028)

**Ch1013/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1):** Measurement grid: dx=10mm, dy=10mm
ABM1/ABM2 = 41.87 dB
ABM1 comp = 3.13 dBA/m
Location: 0, 0, 3.7 mm




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

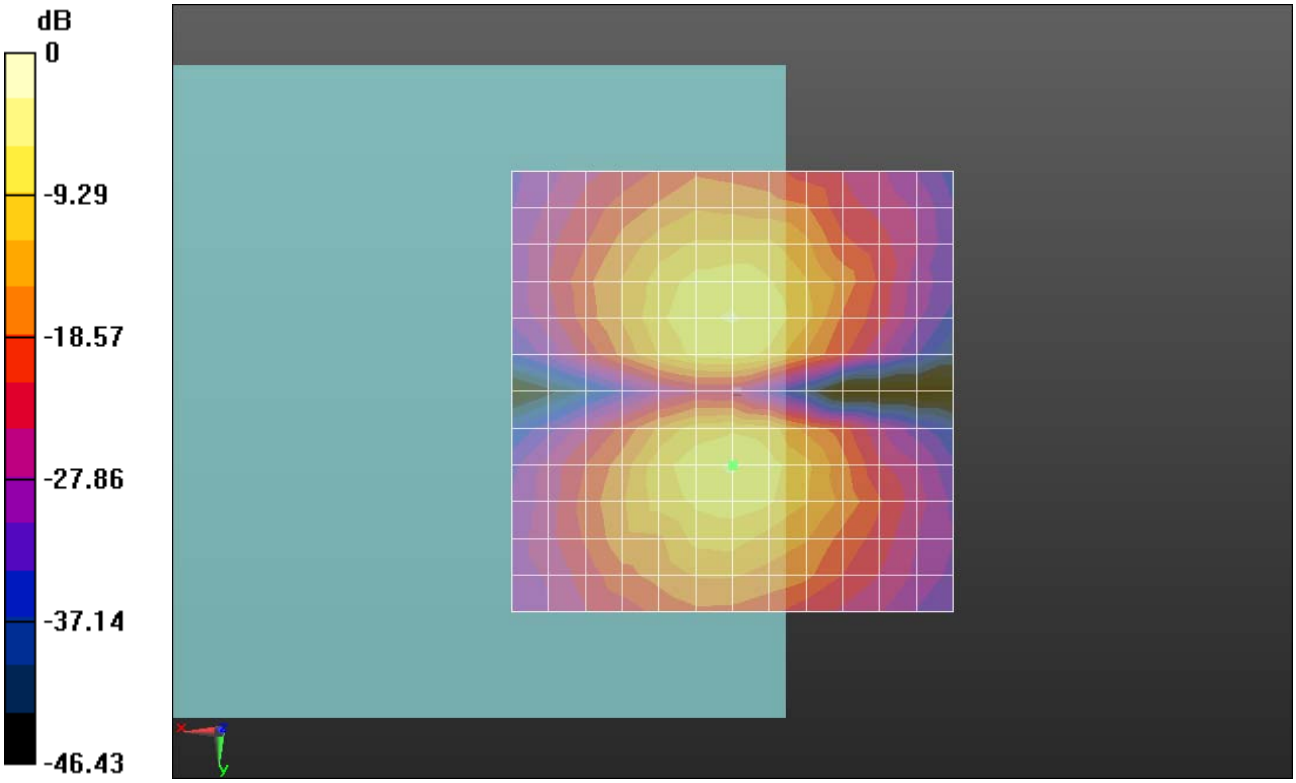

Ch1013/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)
Loc: 0, 0, 3.7 mm Diff: 2dB
Frequency Response
Lower Limit
Upper Limit
dB
dBA/m
Hz
20
15
10
5
0
-5
-10
-15
-20
25
20
15
10
5
0
-5
-10
$10^2$
$10^3$
$10^4$

**01 HAC T-Coil_CDMA2000 BC0_RC1 SO3_Ch1013(Y)**

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：23.6 ℃

DASY5 Configuration:
- Probe: AM1DV3 - 3093; ; Calibrated: 2013.05.07
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.6.8 (7028)

**Ch1013/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1):** Measurement grid: dx=10mm, dy=10mm
ABM1/ABM2 = 35.33 dB
ABM1 comp = -5.59 dBA/m
Location: 0, 8.3, 3.7 mm



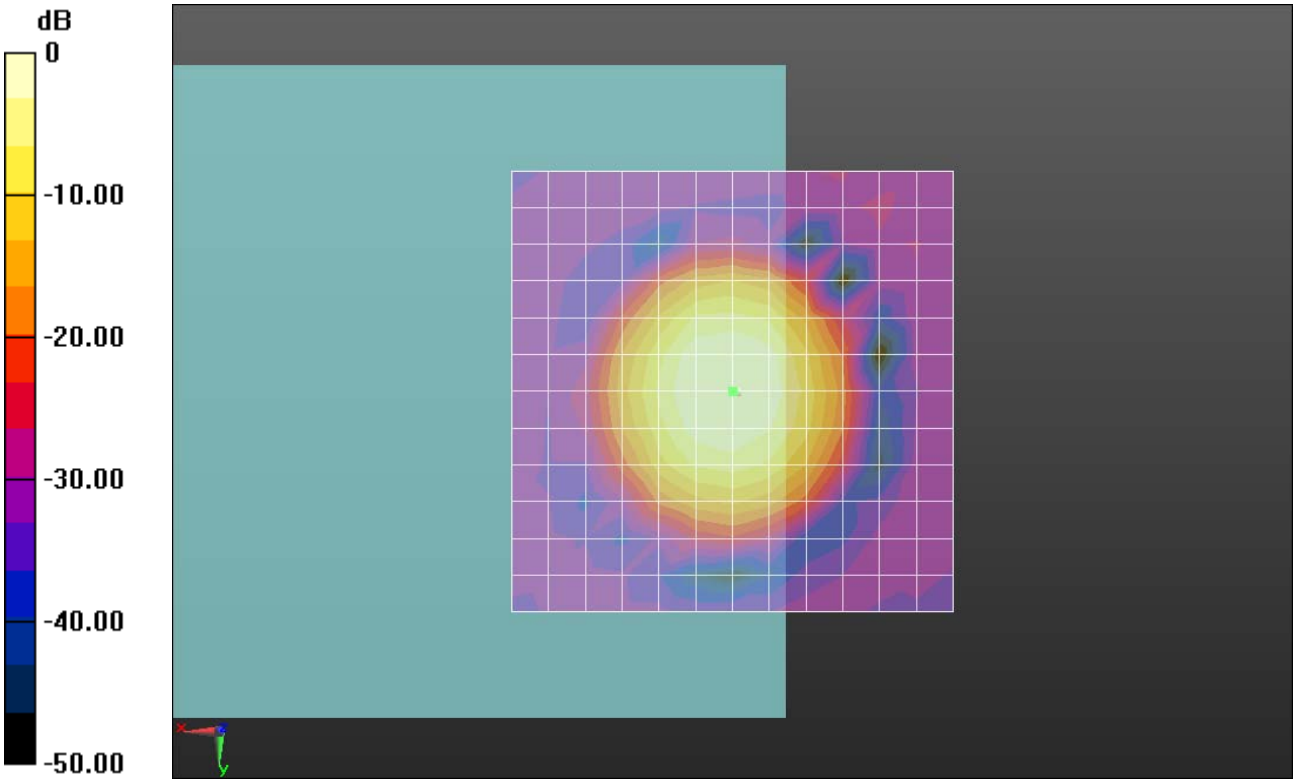

0 dB = 1.000 A/m = 0.00 dBA/m

**02 HAC T-Coil_CDMA2000 BC0_RC1 SO3_Ch384(Z)**

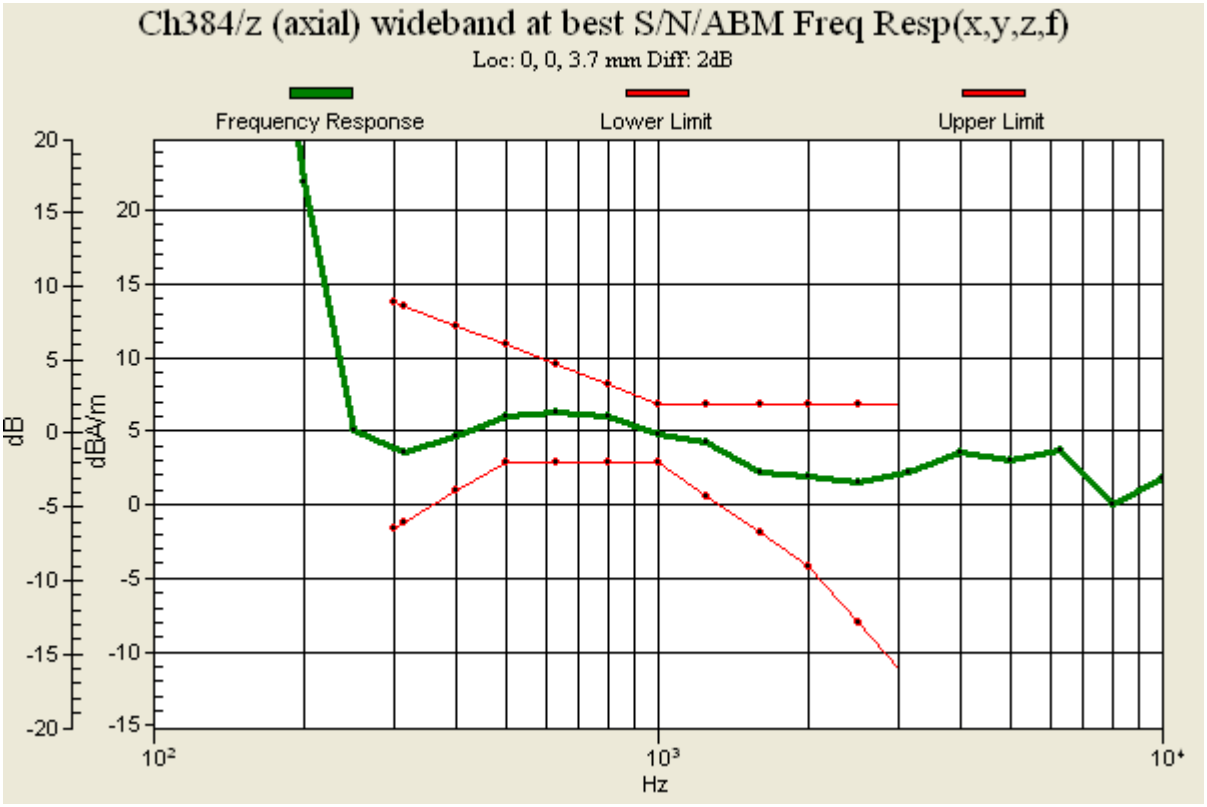
Communication System: CDMA2000; Frequency: 836.52 MHz;Duty Cycle: 1:1
Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m$^3$
Ambient Temperature：23.6 ℃

DASY5 Configuration:
- Probe: AM1DV3 - 3093; ; Calibrated: 2013.05.07
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.6.8 (7028)

**Ch384/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1):** Measurement grid:
dx=10mm, dy=10mm
ABM1/ABM2 = 41.51 dB
ABM1 comp = 2.82 dBA/m
Location: 0, 0, 3.7 mm




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

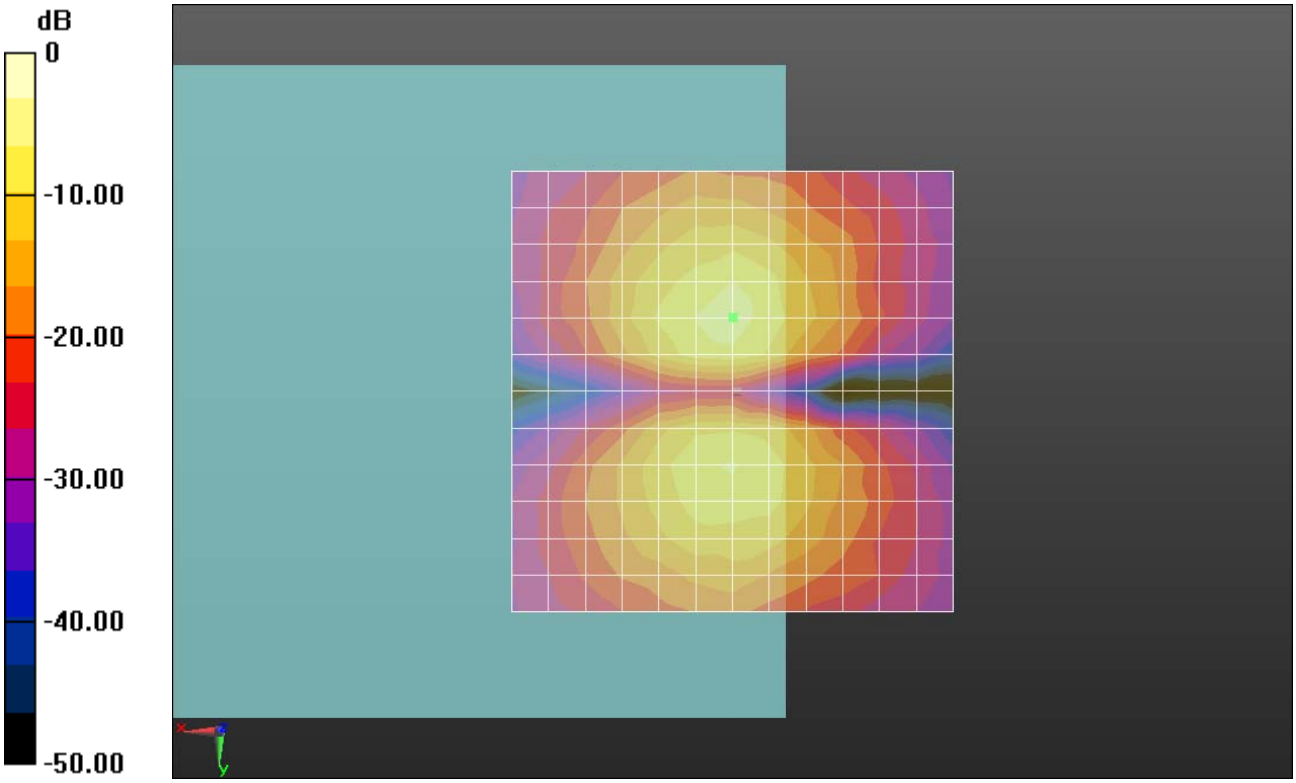

Ch384/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)
Loc: 0, 0, 3.7 mm Diff: 2dB
Frequency Response
Lower Limit
Upper Limit
dB
dBA/m
Hz
10²
10³
10⁴

**02 HAC T-Coil_CDMA2000 BC0_RC1 SO3_Ch384(Y)**

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：23.6 ℃

DASY5 Configuration:
- Probe: AM1DV3 - 3093; ; Calibrated: 2013.05.07
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.6.8 (7028)

**Ch384/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1):** Measurement grid: dx=10mm, dy=10mm
ABM1/ABM2 = 38.03 dB
ABM1 comp = -4.10 dBA/m
Location: 0, -8.3, 3.7 mm




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

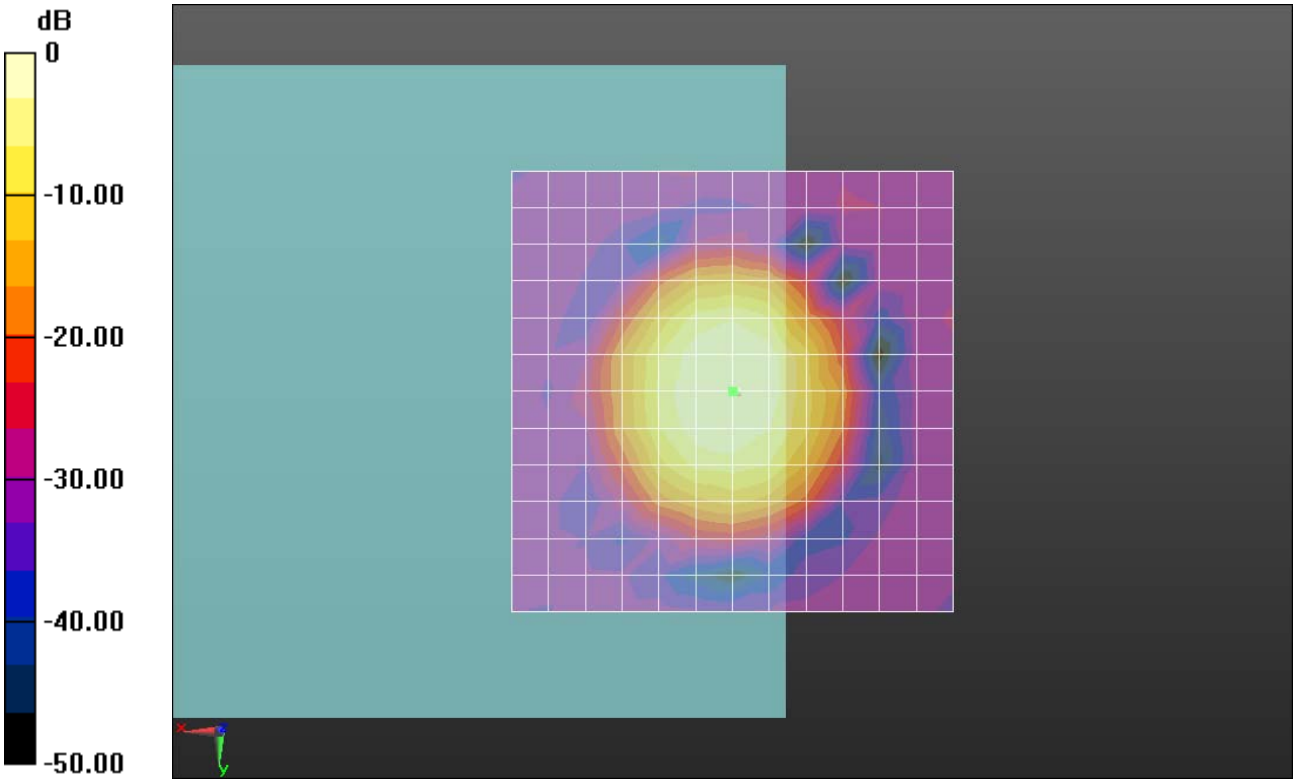
Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2014.01.20

**03 HAC T-Coil_CDMA2000 BC0_RC1 SO3_Ch777(Z)**

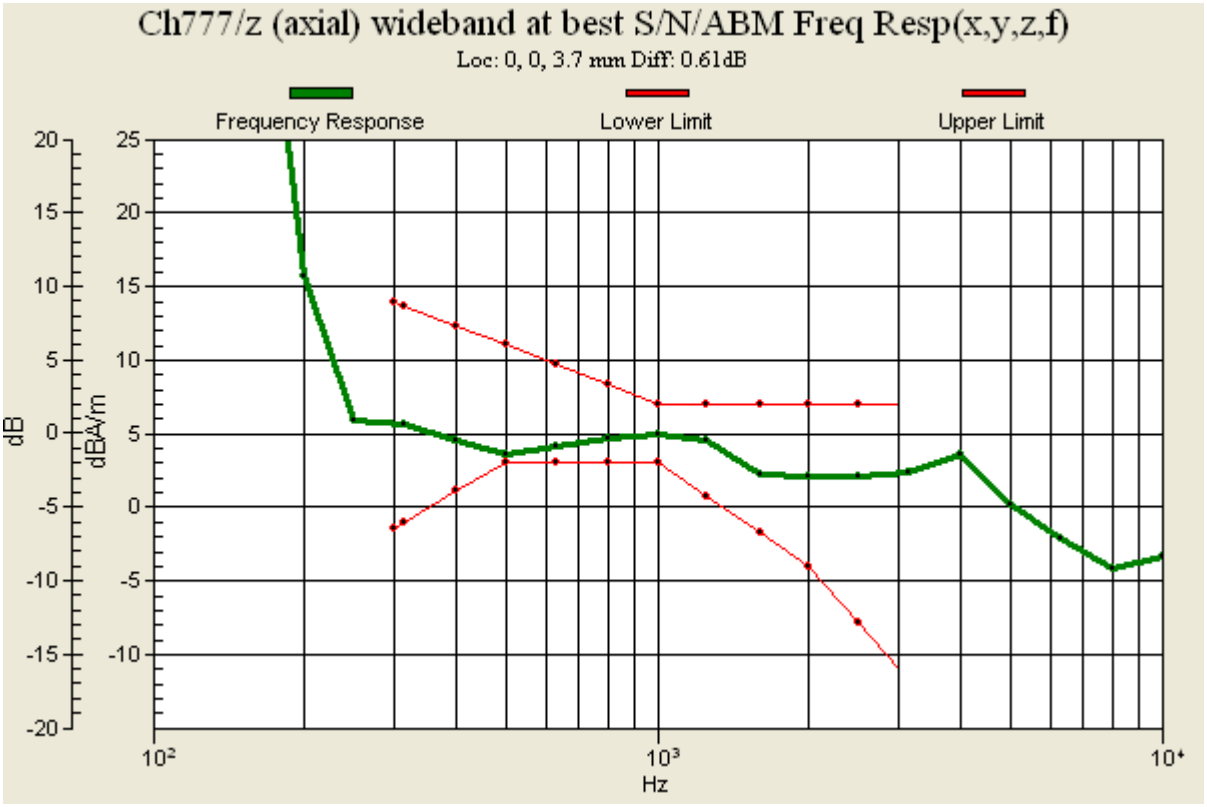
Communication System: CDMA2000; Frequency: 848.31 MHz;Duty Cycle: 1:1
Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m$^3$
Ambient Temperature：23.6 ℃

DASY5 Configuration:
- Probe: AM1DV3 - 3093; ; Calibrated: 2013.05.07
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.6.8 (7028)

**Ch777/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1):** Measurement grid:
dx=10mm, dy=10mm
ABM1/ABM2 = 41.60 dB
ABM1 comp = 2.74 dBA/m
Location: 0, 0, 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, 0, 3.7 mm Diff: 0.61dB
Frequency Response
Lower Limit
Upper Limit
dB
dBA/m
Hz
20
15
10
5
0
-5
-10
-15
-20
25
20
15
10
5
0
-5
-10
$10^2$
$10^3$
$10^4$

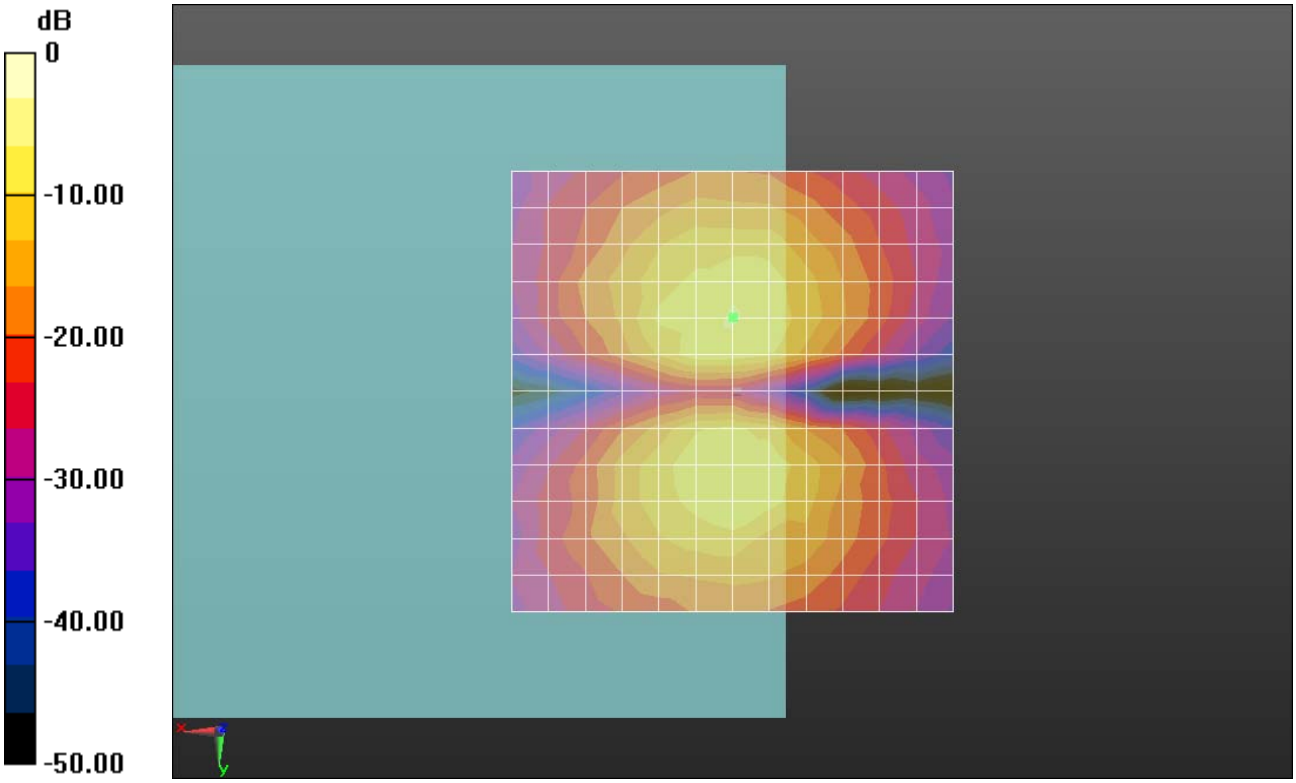
Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2014.01.20

**03 HAC T-Coil_CDMA2000 BC0_RC1 SO3_Ch777(Y)**

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：23.6 ℃

DASY5 Configuration:
- Probe: AM1DV3 - 3093; ; Calibrated: 2013.05.07
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.6.8 (7028)

**Ch777/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1):** Measurement grid: dx=10mm, dy=10mm
ABM1/ABM2 = 33.99 dB
ABM1 comp = -6.25 dBA/m
Location: 0, -8.3, 3.7 mm




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

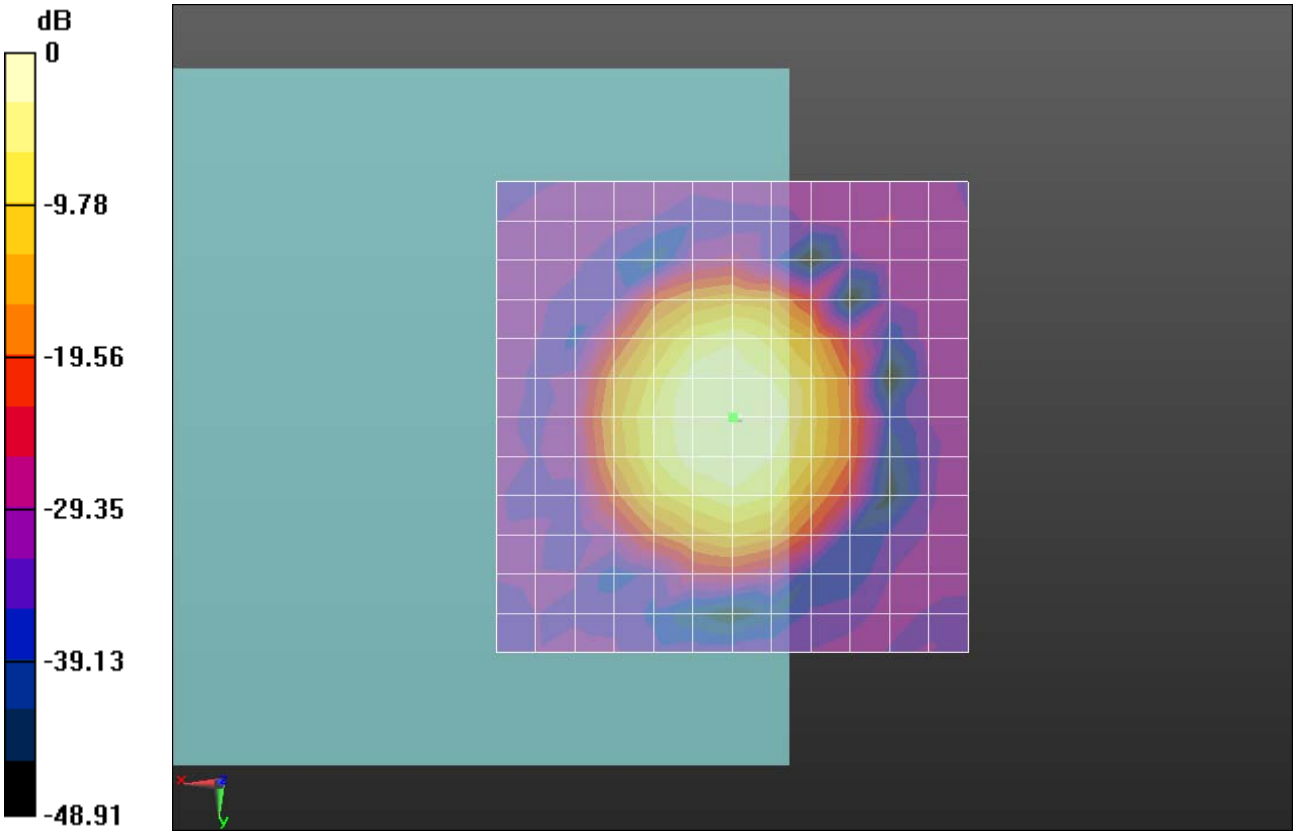
Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2014.01.20

**04 HAC T-Coil_CDMA2000 BC1_RC1 SO3_Ch25(Z)**

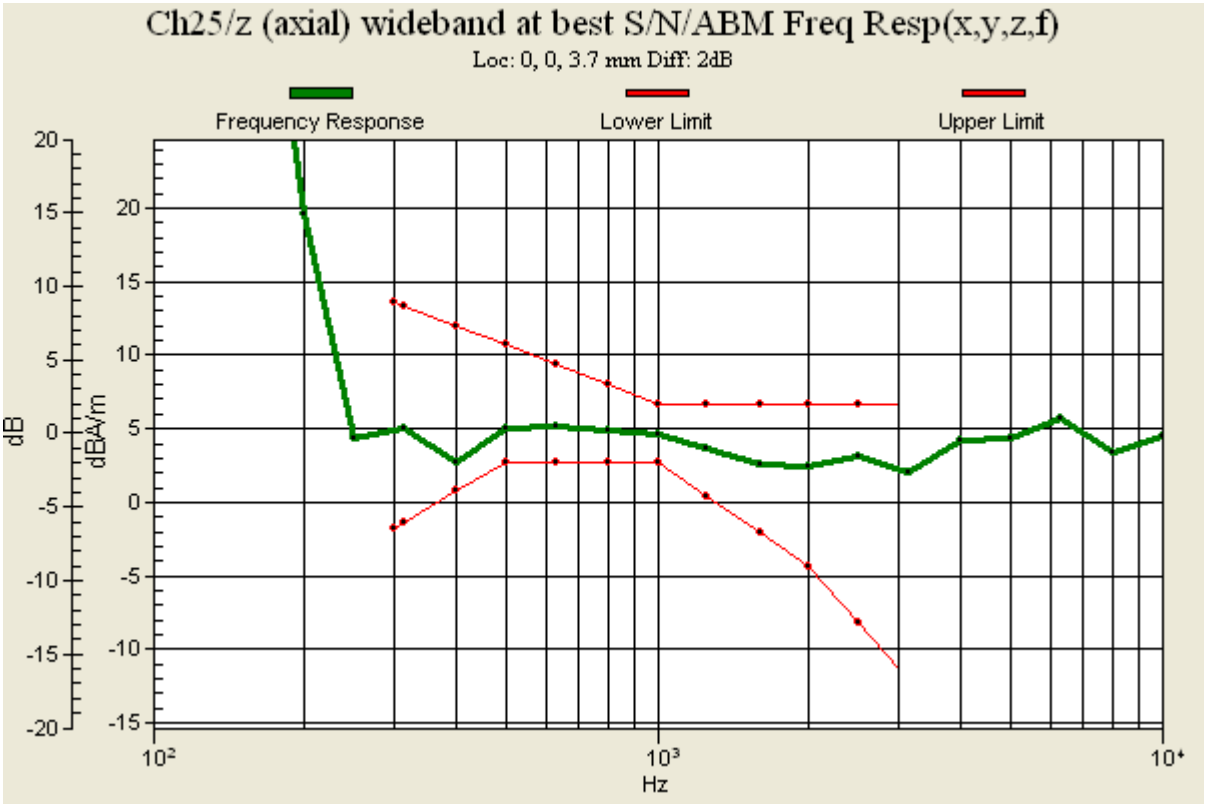
Communication System: CDMA2000; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m$^3$
Ambient Temperature：23.6 ℃

DASY5 Configuration:
- Probe: AM1DV3 - 3093; ; Calibrated: 2013.05.07
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.6.8 (7028)

**Ch25/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1):** Measurement grid: dx=10mm, dy=10mm
ABM1/ABM2 = 41.92 dB
ABM1 comp = 2.20 dBA/m
Location: 0, 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: 0, 0, 3.7 mm Diff: 2dB
Frequency Response
Lower Limit
Upper Limit
dB
dBA/m
Hz
20
15
10
5
0
-5
-10
-15
-20
$10^2$
$10^3$
$10^4$

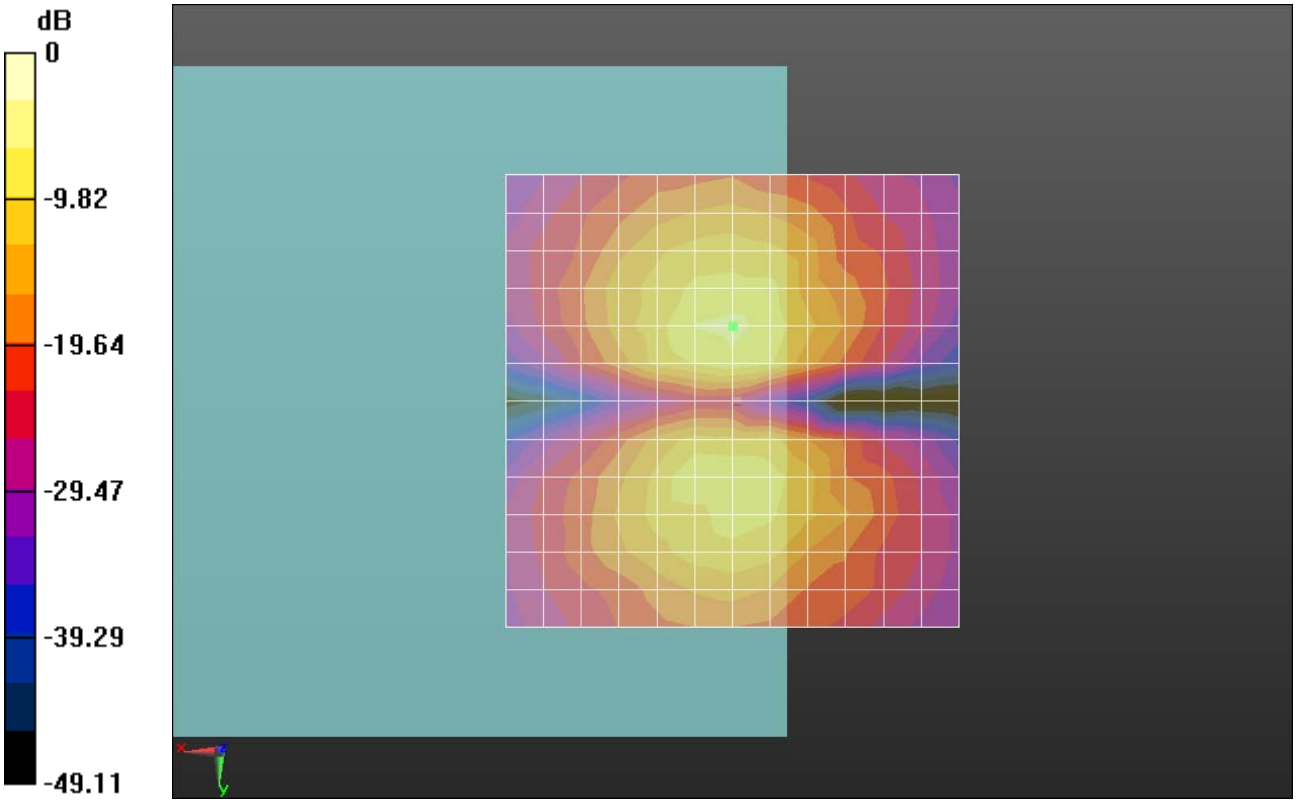
Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2014.01.20

**04 HAC T-Coil_CDMA2000 BC1_RC1 SO3_Ch25(Y)**

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：23.6 ℃

DASY5 Configuration:
- Probe: AM1DV3 - 3093; ; Calibrated: 2013.05.07
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.6.8 (7028)

**Ch25/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1):** Measurement grid: dx=10mm, dy=10mm
ABM1/ABM2 = 36.95 dB
ABM1 comp = -5.49 dBA/m
Location: 0, -8.3, 3.7 mm




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

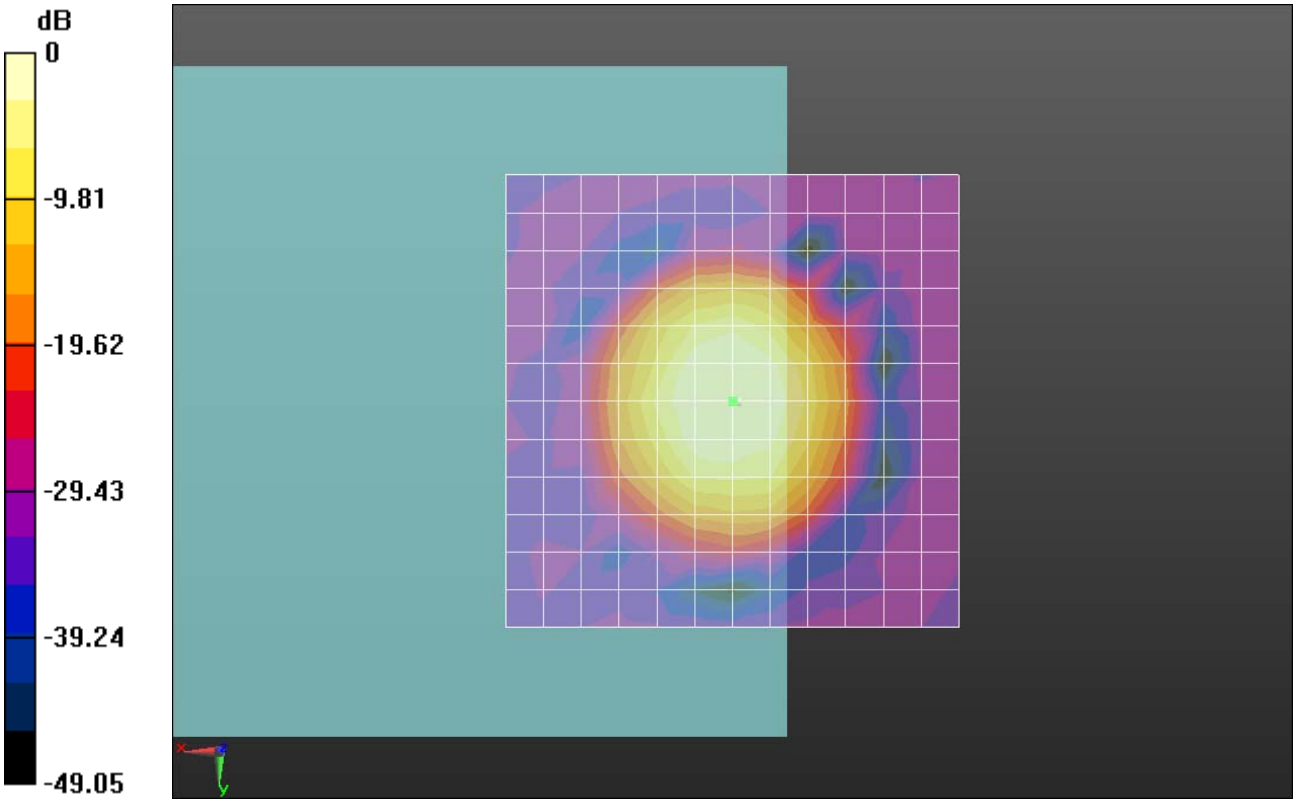
Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2014.01.20

**05 HAC T-Coil_CDMA2000 BC1_RC1 SO3_Ch600(Z)**

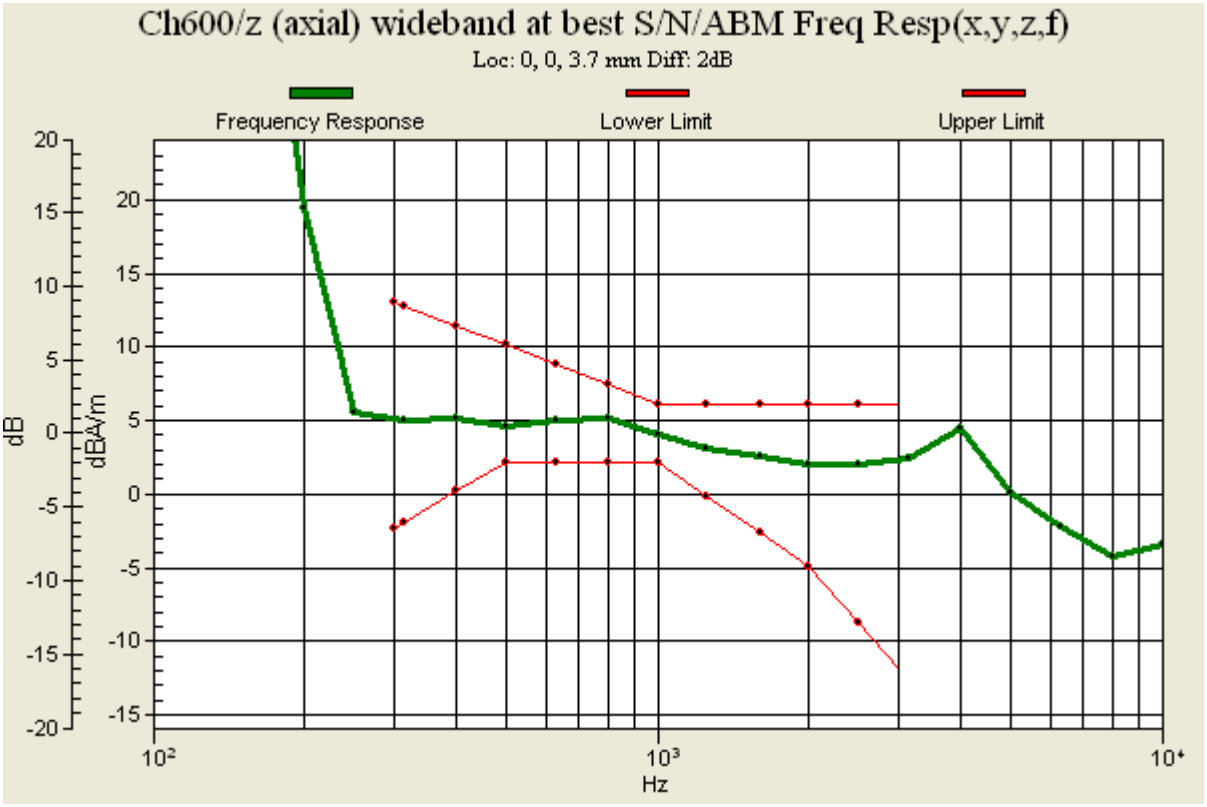
Communication System: CDMA2000; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m$^3$
Ambient Temperature：23.6 ℃

DASY5 Configuration:
- Probe: AM1DV3 - 3093; ; Calibrated: 2013.05.07
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.6.8 (7028)

**Ch600/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1):** Measurement grid:
dx=10mm, dy=10mm
ABM1/ABM2 = 39.84 dB
ABM1 comp = 1.65 dBA/m
Location: 0, 0, 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, 0, 3.7 mm Diff: 2dB
Frequency Response
Lower Limit
Upper Limit
dB
dBA/m
Hz
20
15
10
5
0
-5
-10
-15
-20
$10^2$
$10^3$
$10^4$

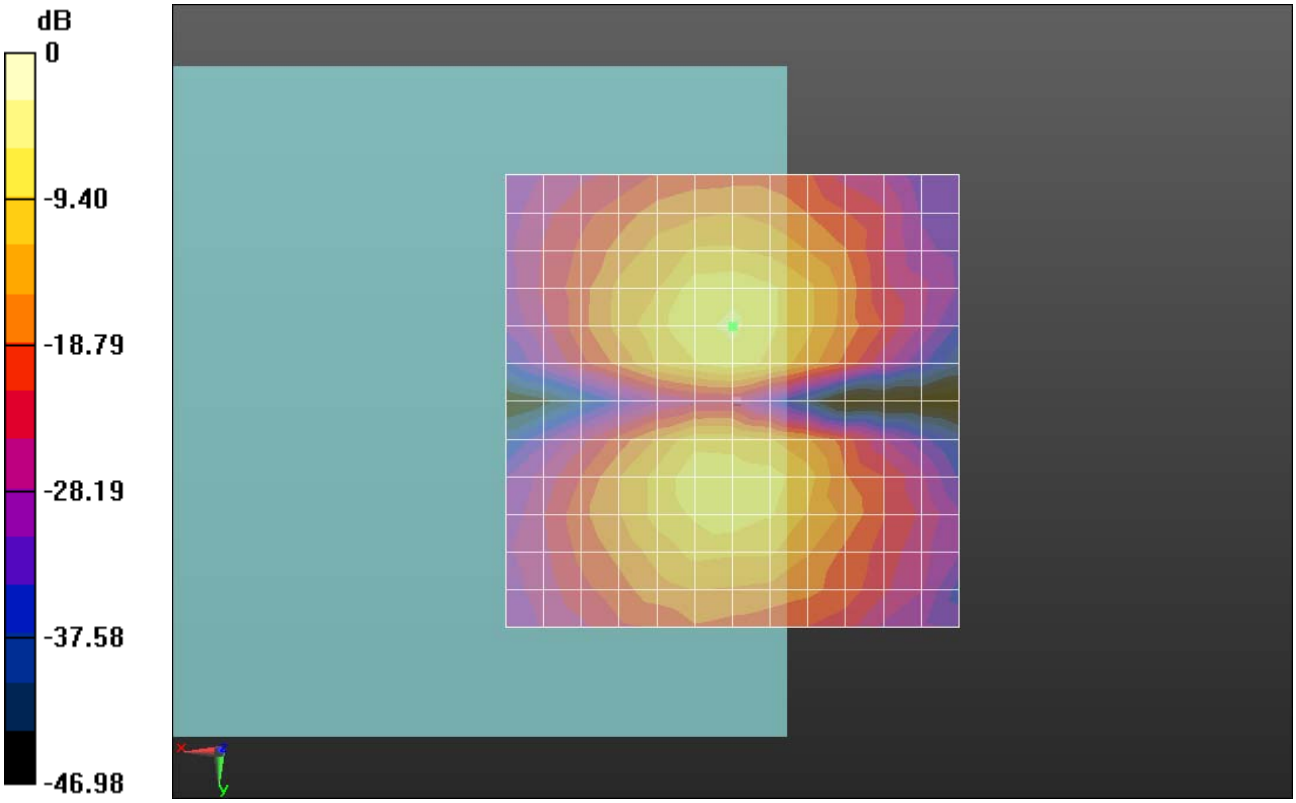
Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2014.01.20

**05 HAC T-Coil_CDMA2000 BC1_RC1 SO3_Ch600(Y)**

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：23.6 ℃

DASY5 Configuration:
- Probe: AM1DV3 - 3093; ; Calibrated: 2013.05.07
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.6.8 (7028)

**Ch600/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1):** Measurement grid: dx=10mm, dy=10mm
ABM1/ABM2 = 37.40 dB
ABM1 comp = -5.45 dBA/m
Location: 0, -8.3, 3.7 mm



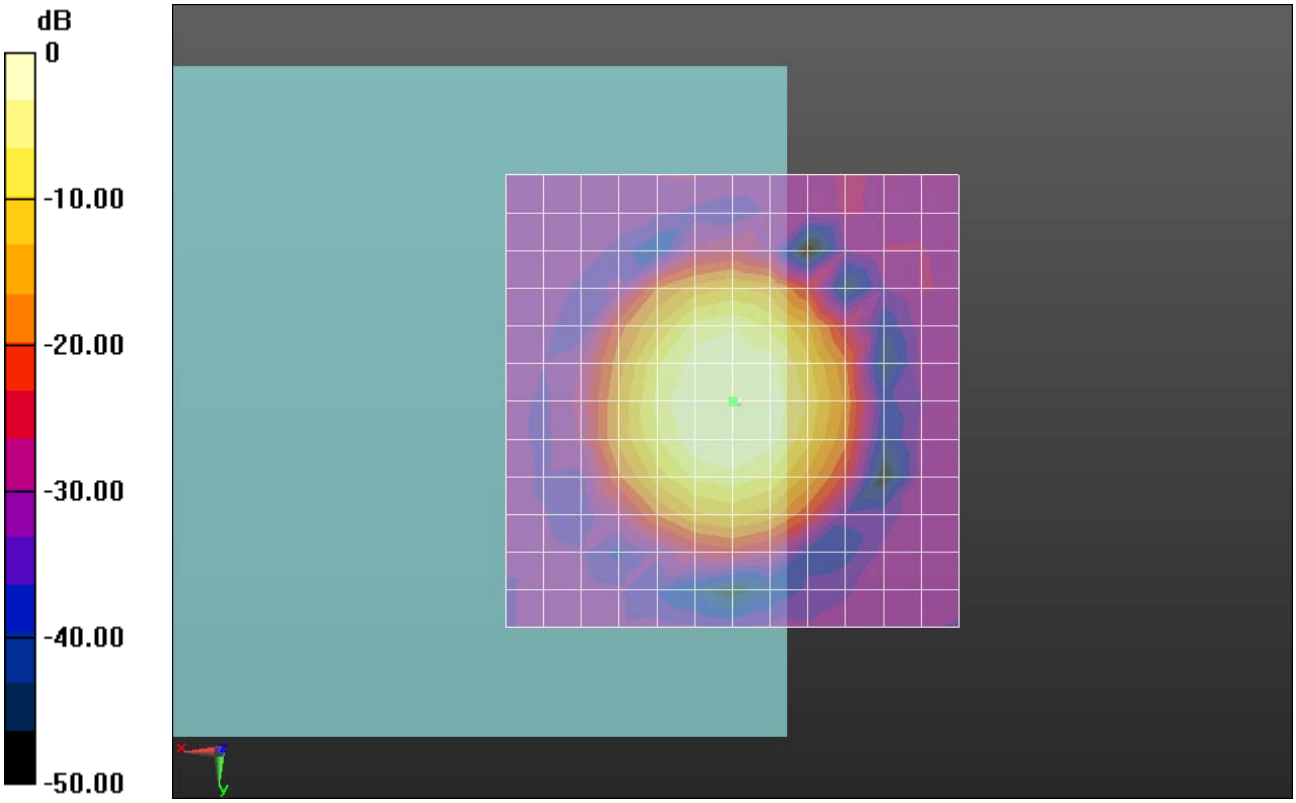

0 dB = 1.000 A/m = 0.00 dBA/m

**06 HAC T-Coil_CDMA2000 BC1_RC1 SO3_Ch1175(Z)**

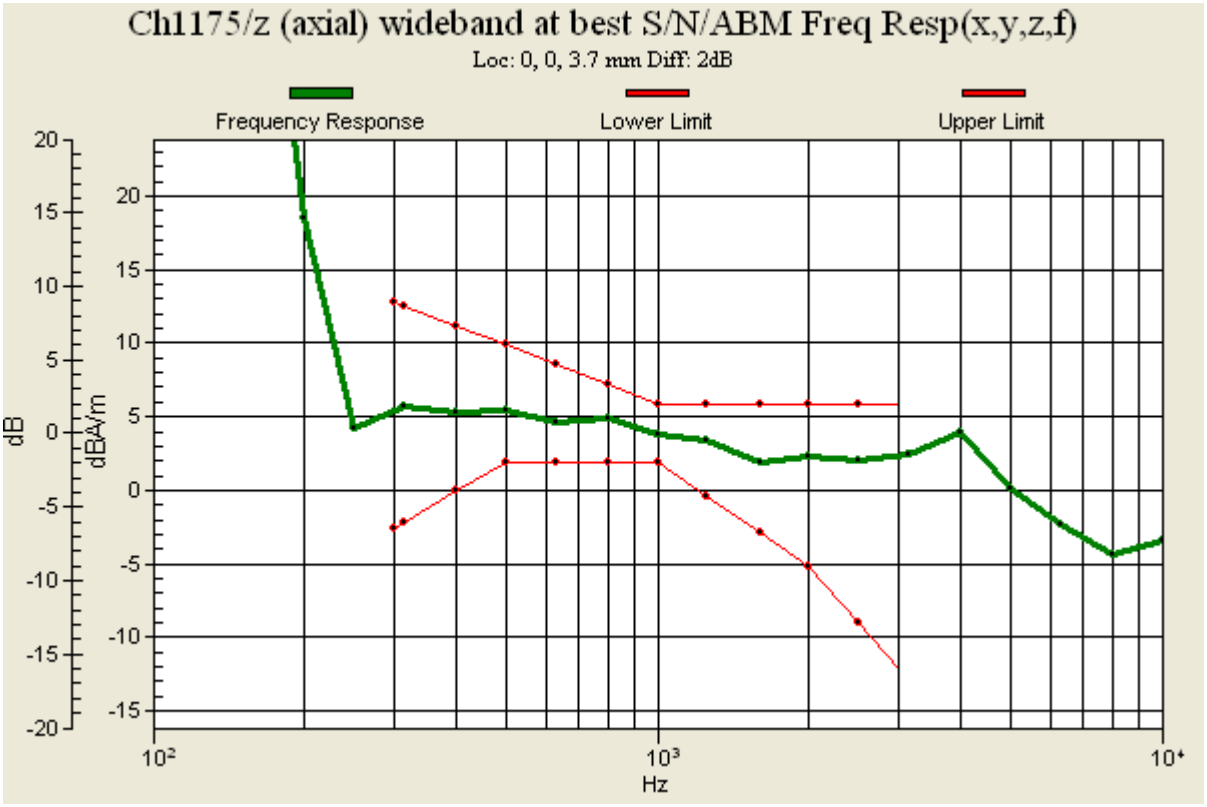
Communication System: CDMA2000; Frequency: 1908.75 MHz;Duty Cycle: 1:1
Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m$^3$
Ambient Temperature：23.6 ℃

DASY5 Configuration:
- Probe: AM1DV3 - 3093; ; Calibrated: 2013.05.07
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.6.8 (7028)

**Ch1175/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1):** Measurement grid: dx=10mm, dy=10mm
ABM1/ABM2 = 42.11 dB
ABM1 comp = 2.12 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: 2dB
Frequency Response
Lower Limit
Upper Limit
dB
dBA/m
Hz
10²
10³
10⁴

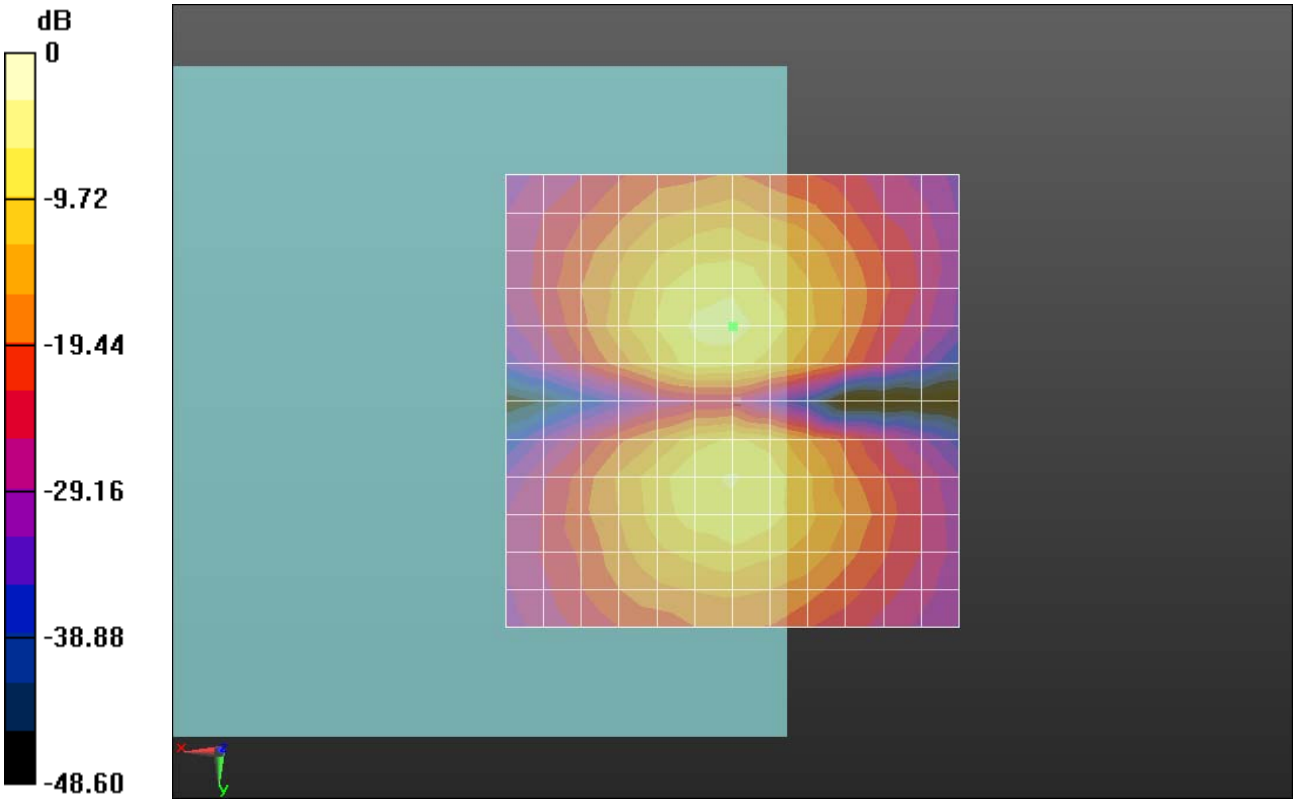
Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2014.01.20

**06 HAC T-Coil_CDMA2000 BC1_RC1 SO3_Ch1175(Y)**

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：23.6 ℃

DASY5 Configuration:
- Probe: AM1DV3 - 3093; ; Calibrated: 2013.05.07
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.6.8 (7028)

**Ch1175/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1):** Measurement grid: dx=10mm, dy=10mm
ABM1/ABM2 = 38.05 dB
ABM1 comp = -4.89 dBA/m
Location: 0, -8.3, 3.7 mm




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