

## Exhibit 13 - APPENDIX D HAC T-Coil Data Plots

**Z (AXIAL) MEASUREMENT: CDMA 1900 Channel 25 Closed Position**

**Equipment Setting:**

**DUT: M2000; Type: Cellular Phone ; Serial Number: 1CYT79; Date: 12/10/08**

Communication System: CDMA; Frequency: 1850 MHz; Duty Cycle: 1:1

Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Phantom section: AMB with Coil Section DASY4 Configuration:

- Probe: AM1DV2 - 1045; ; Calibrated: 9/18/2008
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn530; Calibrated: 4/15/2008
- Phantom: HAC Test Arch with Coil; Type: SD HAC P01 BA; Serial: 100x
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

**Scans CH25/z (axial) rough 50 x 50/ABM Interpolated Signal(x,y,z) (51x51x1):**

Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM1 = 2.64 dB A/m

BWC Factor = 0.0107638 dB

Location: 1, 0, 363.7 mm

**Scans CH25/z (axial) 16 x 16/ABM Interpolated Signal(x,y,z) (41x41x1):**

Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM1 = 8.54 dB A/m

BWC Factor = 0.0107638 dB

Location: 1, 1, 363.7 mm

**Point meas, TCoil on CH25/z (axial) at max z/ABM Signal(x,y,z) (1x1x1):**

Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM1 comp = -4.74 dB A/m

BWC Factor = 0.0107638 dB

Location: -1, 1, 363.7 mm

**Point meas, TCoil on CH25/z (axial) at max z/ABM Noise(x,y,z) (1x1x1):**

Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM2 = -43.5 dB A/m

Location: -1, 1, 363.7 mm

**Point meas, TCoil on CH25/z (axial) at max z/ABM SNR(x,y,z) (1x1x1):**

Measurement grid: dx=10mm, dy=10mm

**Cursor:**

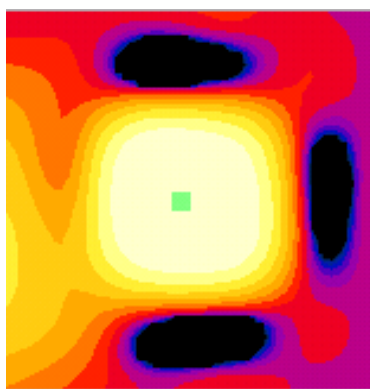
ABM1/ABM2 = 38.8 dB

ABM1 comp = -4.74 dB A/m

BWC Factor = 0.0107638 dB

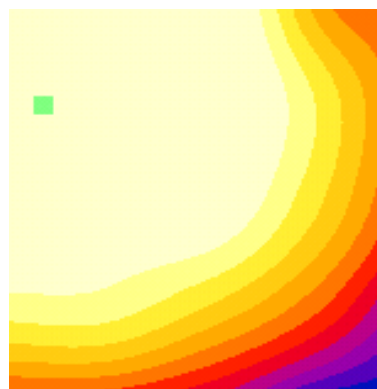
Location: -1, 1, 363.7 mm

**Z (axial) rough 50x50 scan:**



0 dB = 1.00A/m

**Z (axial) 16x16 scan:**



0 dB = 1.00A/m

**X RADIAL MEASUREMENT: CDMA 1900 Channel 25 Closed Position**

**Equipment Setting:**

**DUT: M2000; Type: Cellular Phone ; Serial Number: 1CYT79; Date: 12/10/08**

Communication System: CDMA; Frequency: 1850 MHz; Duty Cycle: 1:1

Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Phantom section: AMB with Coil Section DASY4 Configuration:

- Probe: AM1DV2 - 1045; ; Calibrated: 9/18/2008
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn530; Calibrated: 4/15/2008
- Phantom: HAC Test Arch with Coil; Type: SD HAC P01 BA; Serial: 100x
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

**Scans CH25/x (longitudinal) 24 x 16/ABM Interpolated Signal(x,y,z) (61x41x1):**

Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM1 = 3.23 dB A/m

BWC Factor = 0.0107638 dB

Location: -5.4, -2.6, 363.7 mm

**Point meas, TCoil on CH25/x (longitudinal) at max x/ABM Signal(x,y,z) (1x1x1):**

Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM1 comp = -13.3 dB A/m

BWC Factor = 0.0107638 dB

Location: -9, -3, 363.7 mm

**Point meas, TCoil on CH25/x (longitudinal) at max x/ABM Noise(x,y,z) (1x1x1):**

Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM2 = -26.5 dB A/m

Location: -9, -3, 363.7 mm

**Point meas, TCoil on CH25/x (longitudinal) at max x/ABM SNR(x,y,z) (1x1x1):**

Measurement grid: dx=10mm, dy=10mm

**Cursor:**

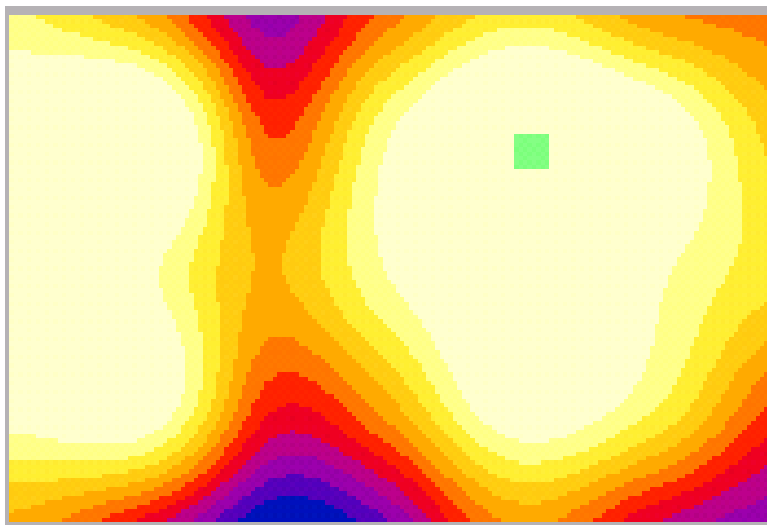
ABM1/ABM2 = 13.2 dB

ABM1 comp = -13.3 dB A/m

BWC Factor = 0.0107638 dB

Location: -9, -3, 363.7 mm

**X (Radial) 24x16 scan:**



0 dB = 1.00A/m

**Y RADIAL MEASUREMENT: CDMA 1900 Channel 25 Closed Position**

**Equipment Setting:**

**DUT: M2000; Type: Cellular Phone ; Serial Number: 1CYT79; Date: 12/10/08**

Communication System: CDMA; Frequency: 1850 MHz; Duty Cycle: 1:1

Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Phantom section: AMB with Coil Section DASY4 Configuration:

- Probe: AM1DV2 - 1045; ; Calibrated: 9/18/2008
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn530; Calibrated: 4/15/2008
- Phantom: HAC Test Arch with Coil; Type: SD HAC P01 BA; Serial: 100x
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

**Scans CH25/y (transversal) 16 x 24/ABM Interpolated Signal(x,y,z) (41x61x1):**

Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM1 = 1.36 dB A/m  
 BWC Factor = 0.0107638 dB  
 Location: 2.6, 5.8, 363.7 mm

**Point meas, TCoil on CH25/y (transversal) at max y/ABM Signal(x,y,z) (1x1x1):**

Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM1 comp = -12.1 dB A/m  
 BWC Factor = 0.0107638 dB  
 Location: -5, 5, 363.7 mm

**Point meas, TCoil on CH25/y (transversal) at max y/ABM Noise(x,y,z) (1x1x1):**

Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM2 = -45.0 dB A/m  
 Location: -5, 5, 363.7 mm

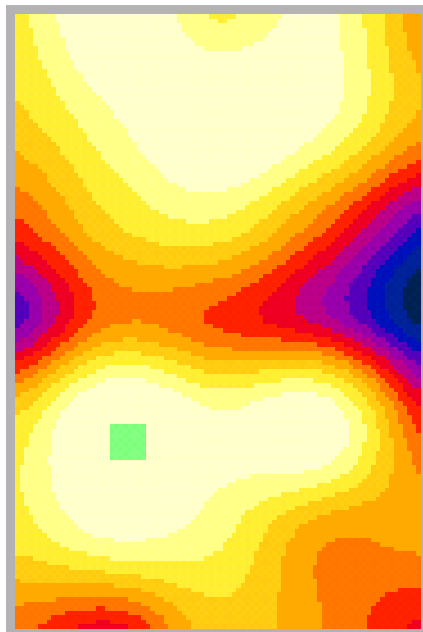
**Point meas, TCoil on CH25/y (transversal) at max y/ABM SNR(x,y,z) (1x1x1):**

Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM1/ABM2 = 33.0 dB  
 ABM1 comp = -12.1 dB A/m  
 BWC Factor = 0.0107638 dB  
 Location: -5, 5, 363.7 mm

**Y (Radial) 16x24 scan:**



0 dB = 1.00A/m

**Z (AXIAL) MEASUREMENT: CDMA 1900 Channel 600 Closed Positon**

**Equipment Setting:**

**DUT: M2000; Type: Cellular Phone ; Serial Number: 1CYT79; Date: 12/10/08**

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

Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Phantom section: AMB with Coil Section DASY4 Configuration:

- Probe: AM1DV2 - 1045; ; Calibrated: 9/18/2008
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn530; Calibrated: 4/15/2008
- Phantom: HAC Test Arch with Coil; Type: SD HAC P01 BA; Serial: 100x
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

**Scans CH600/z (axial) rough 50 x 50/ABM Interpolated Signal(x,y,z) (51x51x1):**

Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM1 = -10.1 dB A/m

BWC Factor = 0.0105903 dB

Location: 0, 3, 363.7 mm

**Scans CH600/z (axial) 16 x 16/ABM Interpolated Signal(x,y,z) (41x41x1):**

Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM1 = -4.22 dB A/m

BWC Factor = 0.0105903 dB

Location: -0.2, 1, 363.7 mm

**Point meas,TCoil on CH600/z (axial) at max z/ABM Signal(x,y,z) (1x1x1):**

Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM1 comp = -5.22 dB A/m

BWC Factor = 0.0109373 dB

Location: -1, 1, 363.7 mm

**Point meas,TCoil on CH600/z (axial) at max z/ABM Noise(x,y,z) (1x1x1):**

Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM2 = -45.4 dB A/m

Location: -1, 1, 363.7 mm

**Point meas,TCoil on CH600/z (axial) at max z/ABM SNR(x,y,z) (1x1x1):**

Measurement grid: dx=10mm, dy=10mm

**Cursor:**

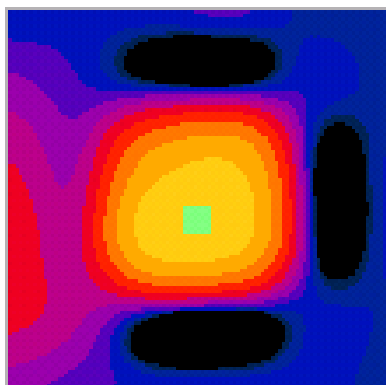
ABM1/ABM2 = 40.2 dB

ABM1 comp = -5.22 dB A/m

BWC Factor = 0.0109373 dB

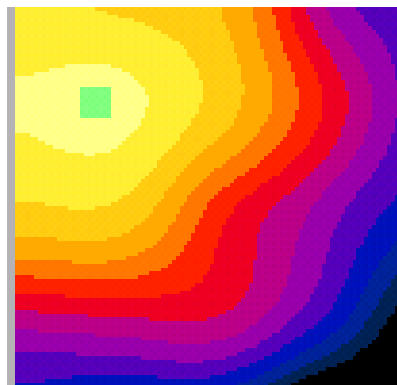
Location: -1, 1, 363.7 mm

**Z (axial) rough 50x50 scan:**



0 dB = 1.00A/m

**Z (axial) 16x16scan:**



0 dB = 1.00A/m

**X RADIAL MEASUREMENT: CDMA 1900 Channel 600 Closed Position**

**Equipment Setting:**

**DUT: M2000; Type: Cellular Phone ; Serial Number: 1CYT79; Date: 12/10/08**

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

Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Phantom section: AMB with Coil Section DASY4 Configuration:

- Probe: AM1DV2 - 1045; ; Calibrated: 9/18/2008
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn530; Calibrated: 4/15/2008
- Phantom: HAC Test Arch with Coil; Type: SD HAC P01 BA; Serial: 100x
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

**Scans CH600/x (longitudinal) 24 x 16/ABM Interpolated Signal(x,y,z) (61x41x1):**

Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM1 = -9.16 dB A/m

BWC Factor = 0.0105903 dB

Location: -5, 0.6, 363.7 mm

**Point meas,TCoil on CH600/x (longitudinal) at max x/ABM Signal(x,y,z) (1x1x1):**

Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM1 comp = -12.4 dB A/m

BWC Factor = 0.0109373 dB

Location: -9, -3, 363.7 mm

**Point meas,TCoil on CH600/x (longitudinal) at max x/ABM Noise(x,y,z) (1x1x1):**

Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM2 = -28.7 dB A/m

Location: -9, -3, 363.7 mm

**Point meas,TCoil on CH600/x (longitudinal) at max x/ABM SNR(x,y,z) (1x1x1):**

Measurement grid: dx=10mm, dy=10mm

**Cursor:**

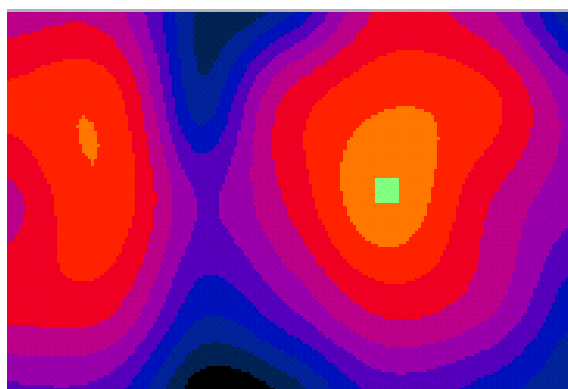
ABM1/ABM2 = 16.3 dB

ABM1 comp = -12.4 dB A/m

BWC Factor = 0.0109373 dB

Location: -9, -3, 363.7 mm

**X (Radial) 24x16 scan:**



0 dB = 1.00A/m

**Y RADIAL MEASUREMENT: CDMA 1900 Channel 600 Closed Position**

**Equipment Setting:**

**DUT: M2000; Type: Cellular Phone ; Serial Number: 1CYT79; Date: 12/10/08**

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

Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Phantom section: AMB with Coil Section DASY4 Configuration:

- Probe: AM1DV2 - 1045; ; Calibrated: 9/18/2008
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn530; Calibrated: 4/15/2008
- Phantom: HAC Test Arch with Coil; Type: SD HAC P01 BA; Serial: 100x
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

**Scans CH600/y (transversal) 16 x 24/ABM Interpolated Signal(x,y,z) (41x61x1):**

Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM1 = -9.96 dB A/m

BWC Factor = 0.0105903 dB

Location: -0.2, 5, 363.7 mm

**Point meas,TCoil on CH600/y (transversal) at max y/ABM Signal(x,y,z) (1x1x1):**

Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM1 comp = -10.9 dB A/m

BWC Factor = 0.0109373 dB

Location: -1, 5, 363.7 mm

**Point meas,TCoil on CH600/y (transversal) at max y/ABM Noise(x,y,z) (1x1x1):**

Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM2 = -44.9 dB A/m

Location: -1, 5, 363.7 mm

**Point meas,TCoil on CH600/y (transversal) at max y/ABM SNR(x,y,z) (1x1x1):**

Measurement grid: dx=10mm, dy=10mm

**Cursor:**

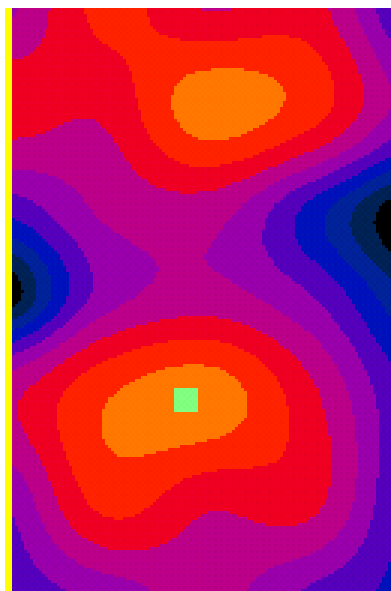
ABM1/ABM2 = 34.1 dB

ABM1 comp = -10.9 dB A/m

BWC Factor = 0.0109373 dB

Location: -1, 5, 363.7 mm

**Y (Radial) 16x24 scan:**



0 dB = 1.00A/m

**Z (AXIAL) MEASUREMENT: CDMA 1900 Channel 1175 Closed Position**

**Equipment Setting:**

**DUT: M2000; Type: Cellular Phone ; Serial Number: 1CYT79; Date: 12/10/08**  
 Communication System: CDMA; Frequency: 1910 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>  
 Phantom section: AMB with Coil Section DASY4 Configuration:  
 - Probe: AM1DV2 - 1045; ; Calibrated: 9/18/2008  
 - Sensor-Surface: 0mm (Fix Surface)  
 - Electronics: DAE4 Sn530; Calibrated: 4/15/2008  
 - Phantom: HAC Test Arch with Coil; Type: SD HAC P01 BA; Serial: 100x  
 - Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

**Scans CH1175/z (axial) rough 50 x 50/ABM Interpolated Signal(x,y,z) (51x51x1):**

Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM1 = -9.63 dB A/m  
 BWC Factor = 0.0109373 dB  
 Location: 4, 3, 363.7 mm

**Scans CH1175/z (axial) 16 x 16/ABM Interpolated Signal(x,y,z) (41x41x1):**

Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM1 = -4.51 dB A/m  
 BWC Factor = 0.0109373 dB  
 Location: -0.6, -0.6, 363.7 mm

**Point meas, TCoil on CH1175/z (axial) at max z/ABM Signal(x,y,z) (1x1x1):**

Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM1 comp = -5.61 dB A/m  
 BWC Factor = 0.0110241 dB  
 Location: -1, -1, 363.7 mm

**Point meas, TCoil on CH1175/z (axial) at max z/ABM Noise(x,y,z) (1x1x1):**

Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM2 = -44.0 dB A/m  
 Location: -1, -1, 363.7 mm

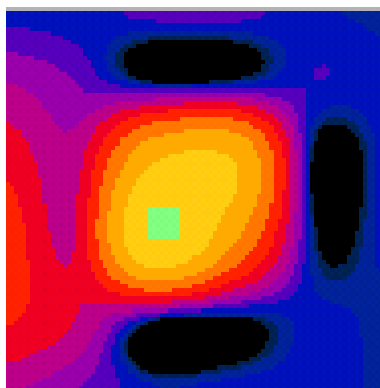
**Point meas, TCoil on CH1175/z (axial) at max z/ABM SNR(x,y,z) (1x1x1):**

Measurement grid: dx=10mm, dy=10mm

**Cursor:**

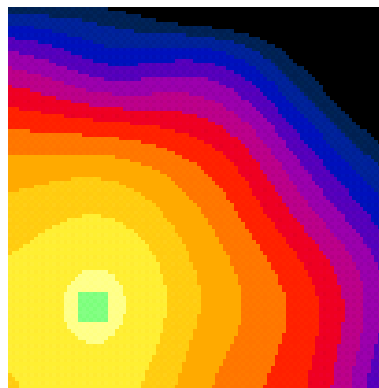
ABM1/ABM2 = 38.4 dB  
 ABM1 comp = -5.61 dB A/m  
 BWC Factor = 0.0110241 dB  
 Location: -1, -1, 363.7 mm

**Z (axial) rough 50x50 scan:**



0 dB = 1.00A/m

**Z (axial) 16x16 scan:**



0 dB = 1.00A/m

**X RADIAL MEASUREMENT: CDMA 1900 Channel 1175 Closed Position**

**Equipment Setting:**

**DUT: M2000; Type: Cellular Phone ; Serial Number: 1CYT79; Date: 12/10/08**

Communication System: CDMA; Frequency: 1910 MHz; Duty Cycle: 1:1

Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Phantom section: AMB with Coil Section DASY4 Configuration:

- Probe: AM1DV2 - 1045; ; Calibrated: 9/18/2008
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn530; Calibrated: 4/15/2008
- Phantom: HAC Test Arch with Coil; Type: SD HAC P01 BA; Serial: 100x
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

**Scans CH1175/x (longitudinal) 24 x 16/ABM Interpolated Signal(x,y,z) (61x41x1):**

Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM1 = -9.00 dB A/m

BWC Factor = 0.0109373 dB

Location: -5, -0.6, 363.7 mm

**Point meas, TCoil on CH1175/x (longitudinal) at max x/ABM Signal(x,y,z) (1x1x1):**

Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM1 comp = -10.7 dB A/m

BWC Factor = 0.0110241 dB

Location: -5, -1, 363.7 mm

**Point meas, TCoil on CH1175/x (longitudinal) at max x/ABM Noise(x,y,z) (1x1x1):**

Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM2 = -23.3 dB A/m

Location: -5, -1, 363.7 mm

**Point meas, TCoil on CH1175/x (longitudinal) at max x/ABM SNR(x,y,z) (1x1x1):**

Measurement grid: dx=10mm, dy=10mm

**Cursor:**

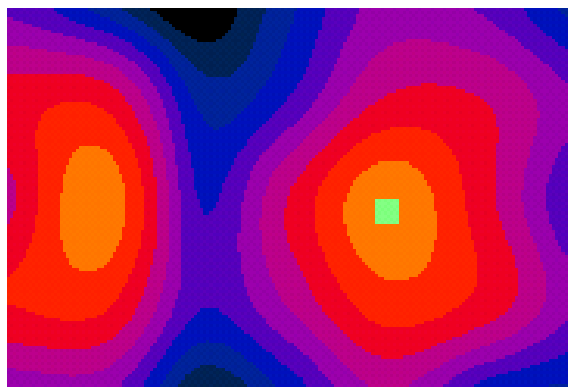
ABM1/ABM2 = 12.6 dB

ABM1 comp = -10.7 dB A/m

BWC Factor = 0.0110241 dB

Location: -5, -1, 363.7 mm

**X (Radial) 24x16 scan:**



0 dB = 1.00A/m



**Y RADIAL MEASUREMENT: CDMA 1900 Channel 1175 Closed Position**

**Equipment Setting:**

**DUT: M2000; Type: Cellular Phone ; Serial Number: 1CYT79; Date: 12/10/08**

Communication System: CDMA; Frequency: 1910 MHz; Duty Cycle: 1:1

Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Phantom section: AMB with Coil Section DASY4 Configuration:

- Probe: AM1DV2 - 1045; ; Calibrated: 9/18/2008
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn530; Calibrated: 4/15/2008
- Phantom: HAC Test Arch with Coil; Type: SD HAC P01 BA; Serial: 100x
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

**Scans CH1175/y (transversal) 16 x 24/ABM**

**Interpolated Signal(x,y,z) (41x61x1):**

Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM1 = -9.98 dB A/m

BWC Factor = 0.0109373 dB

Location: -0.2, -8.6, 363.7 mm

**Point meas,TCoil on CH1175/y (transversal) at max**

**y/ABM Signal(x,y,z) (1x1x1):**

Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM1 comp = -11.8 dB A/m

BWC Factor = 0.0110241 dB

Location: -1, 3, 363.7 mm

**Point meas,TCoil on CH1175/y (transversal) at max**

**y/ABM Noise(x,y,z) (1x1x1):**

Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM2 = -50.7 dB A/m

Location: -1, 3, 363.7 mm

**Point meas,TCoil on CH1175/y (transversal) at max**

**y/ABM SNR(x,y,z) (1x1x1):**

Measurement grid: dx=10mm, dy=10mm

**Cursor:**

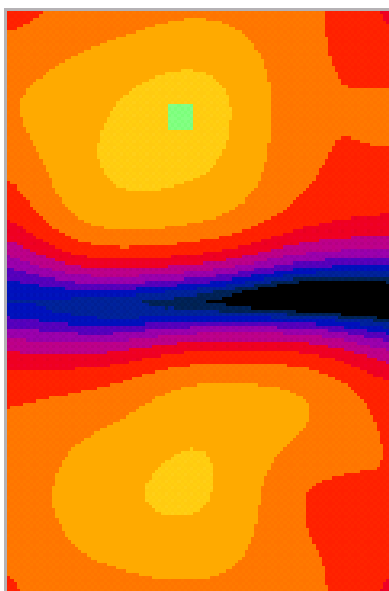
ABM1/ABM2 = 38.9 dB

ABM1 comp = -11.8 dB A/m

BWC Factor = 0.0110241 dB

Location: -1, 3, 363.7 mm

**Y (Radial) 16x24 scan:**



0 dB = 1.00A

**Z (AXIAL) MEASUREMENT: CDMA 1900 Channel 25 Open Position**

**Equipment Setting:**

**DUT: M2000; Type: Cellular Phone ; Serial Number: 1CYT79; Date: 12/10/08**

Communication System: CDMA; Frequency: 1850 MHz; Duty Cycle: 1:1

Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Phantom section: AMB with Coil Section DASY4 Configuration:

- Probe: AM1DV2 - 1045; ; Calibrated: 9/18/2008
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn530; Calibrated: 4/15/2008
- Phantom: HAC Test Arch with Coil; Type: SD HAC P01 BA; Serial: 100x
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

**Scans CH25/z (axial) rough 50 x 50/ABM Interpolated Signal(x,y,z) (51x51x1):**

Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM1 = -8.82 dB A/m

BWC Factor = 0.0106771 dB

Location: 3, -4, 363.7 mm

**Scans CH25/z (axial) 16 x 16/ABM Interpolated Signal(x,y,z) (41x41x1):**

Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM1 = -2.46 dB A/m

BWC Factor = 0.0106771 dB

Location: 1, -1, 363.7 mm

**Point meas, TCoil on CH25/z (axial) at max z/ABM Signal(x,y,z) (1x1x1):**

Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM1 comp = -4.40 dB A/m

BWC Factor = 0.0111108 dB

Location: 1, -1, 363.7 mm

**Point meas, TCoil on CH25/z (axial) at max z/ABM Noise(x,y,z) (1x1x1):**

Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM2 = -35.0 dB A/m

Location: 1, -1, 363.7 mm

**Point meas, TCoil on CH25/z (axial) at max z/ABM SNR(x,y,z) (1x1x1):**

Measurement grid: dx=10mm, dy=10mm

**Cursor:**

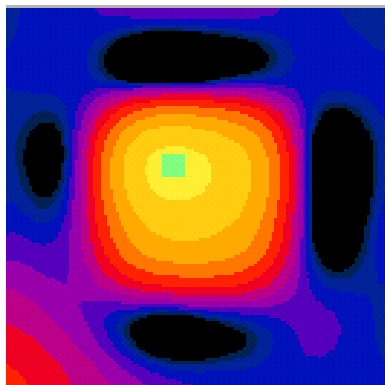
ABM1/ABM2 = 30.6 dB

ABM1 comp = -4.40 dB A/m

BWC Factor = 0.0111108 dB

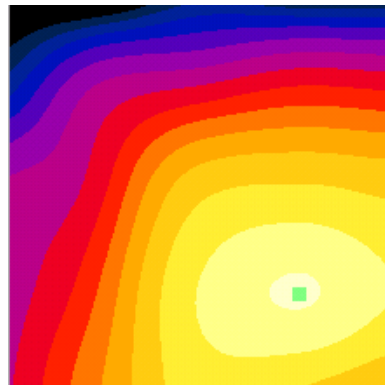
Location: 1, -1, 363.7 mm

**Z (axial) rough 50x50 scan:**



0 dB = 1.00A/m

**Z (axial) 16x16 scan:**



0 dB = 1.00A/m

**X RADIAL MEASUREMENT: CDMA 1900 Channel 25 Open Position**

**Equipment Setting:**

**DUT: M2000; Type: Cellular Phone ; Serial Number: 1CYT79;**

**Date: 12/10/08**

Communication System: CDMA; Frequency: 1850 MHz; Duty Cycle: 1:1

Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Phantom section: AMB with Coil Section DASY4 Configuration:

- Probe: AM1DV2 - 1045; ; Calibrated: 9/18/2008

- Sensor-Surface: 0mm (Fix Surface)

- Electronics: DAE4 Sn530; Calibrated: 4/15/2008

- Phantom: HAC Test Arch with Coil; Type: SD HAC P01 BA; Serial: 100x

- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

**Scans CH25/x (longitudinal) 24 x 16/ABM**

**Interpolated Signal(x,y,z) (61x41x1):**

Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM1 = -11.9 dB A/m

BWC Factor = 0.0106771 dB

Location: -6.6, 2.6, 363.7 mm

**Point meas, TCoil on CH25/x (longitudinal) at max**

**x/ABM Signal(x,y,z) (1x1x1):**

Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM1 comp = -12.6 dB A/m

BWC Factor = 0.0111108 dB

Location: -7, -5, 363.7 mm

**Point meas, TCoil on CH25/x (longitudinal) at max x/ABM Noise(x,y,z) (1x1x1):**

Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM2 = -33.5 dB A/m

Location: -7, -5, 363.7 mm

**Point meas, TCoil on CH25/x (longitudinal) at max x/ABM SNR(x,y,z) (1x1x1):**

Measurement grid: dx=10mm, dy=10mm

**Cursor:**

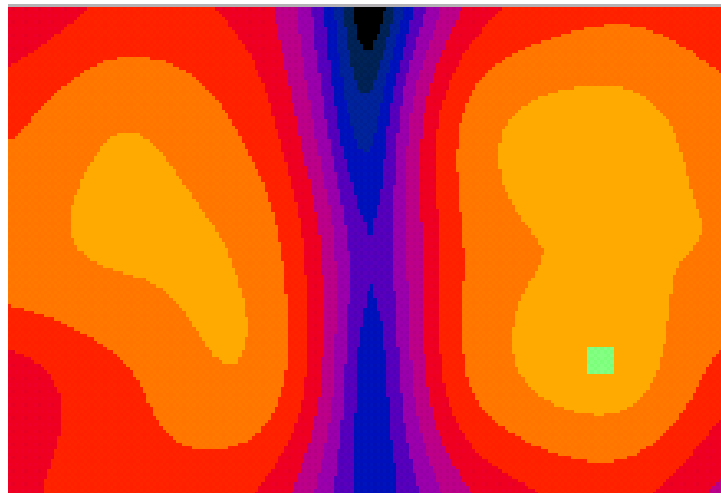
ABM1/ABM2 = 20.9 dB

ABM1 comp = -12.6 dB A/m

BWC Factor = 0.0111108 dB

Location: -7, -5, 363.7 mm

**X (Radial) 24x16 scan:**



0 dB = 1.00A/m

**Y RADIAL MEASUREMENT: CDMA 1900 Channel 25 Open Position**

**Equipment Setting:**

**DUT: M2000; Type: Cellular Phone ; Serial Number: 1CYT79;**

**Date:** 12/10/08

Communication System: CDMA; Frequency: 1850 MHz; Duty Cycle: 1:1

Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Phantom section: AMB with Coil Section DASY4 Configuration:

- Probe: AM1DV2 - 1045; ; Calibrated: 9/18/2008

- Sensor-Surface: 0mm (Fix Surface)

- Electronics: DAE4 Sn530; Calibrated: 4/15/2008

- Phantom: HAC Test Arch with Coil; Type: SD HAC P01 BA; Serial: 100x

- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

**Scans CH25/y (transversal) 16 x 24/ABM Interpolated Signal(x,y,z) (41x61x1):**

Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM1 = -10.4 dB A/m

BWC Factor = 0.0106771 dB

Location: 0.6, -6.6, 363.7 mm

**Point meas, TCoil on CH25/y (transversal) at max y/ABM Signal(x,y,z) (1x1x1):**

Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM1 comp = -16.3 dB A/m

BWC Factor = 0.0111108 dB

Location: -7, -9, 363.7 mm

**Point meas, TCoil on CH25/y (transversal) at max y/ABM Noise(x,y,z) (1x1x1):**

Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM2 = -40.0 dB A/m

Location: -7, -9, 363.7 mm

**Point meas, TCoil on CH25/y (transversal) at max y/ABM SNR(x,y,z) (1x1x1):**

Measurement grid: dx=10mm, dy=10mm

**Cursor:**

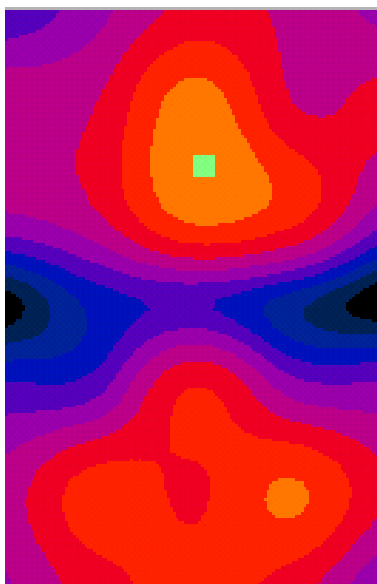
ABM1/ABM2 = 23.8 dB

ABM1 comp = -16.3 dB A/m

BWC Factor = 0.0111108 dB

Location: -7, -9, 363.7 mm

**Y (Radial) 16x24 scan:**



0 dB = 1.00A/m

**Z (AXIAL) MEASUREMENT: CDMA 1900 Channel 600 Open Position**

**Equipment Setting:**

**DUT: M2000; Type: Cellular Phone ; Serial Number: 1CYT79;** **Date:** 12/10/08  
 Communication System: CDMA; Frequency: 1880 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>  
 Phantom section: AMB with Coil Section DASY4 Configuration:  
 - Probe: AM1DV2 - 1045; ; Calibrated: 9/18/2008  
 - Sensor-Surface: 0mm (Fix Surface)  
 - Electronics: DAE4 Sn530; Calibrated: 4/15/2008  
 - Phantom: HAC Test Arch with Coil; Type: SD HAC P01 BA; Serial: 100x  
 - Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

**Scans CH600/z (axial) rough 50 x 50/ABM Interpolated Signal(x,y,z) (51x51x1):**

Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM1 = -8.07 dB A/m  
 BWC Factor = 0.0116313 dB  
 Location: 3, 0, 363.7 mm

**Scans CH600/z (axial) 16 x 16/ABM Interpolated Signal(x,y,z) (41x41x1):**

Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM1 = -4.75 dB A/m  
 BWC Factor = 0.0116313 dB  
 Location: -3, 0.2, 363.7 mm

**Point meas, TCoil on CH600/z (axial) at max z/ABM Signal(x,y,z) (1x1x1):**

Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM1 comp = -9.88 dB A/m  
 BWC Factor = 0.0111108 dB  
 Location: 5, 1, 363.7 mm

**Point meas, TCoil on CH600/z (axial) at max z/ABM Noise(x,y,z) (1x1x1):**

Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM2 = -39.2 dB A/m  
 Location: 5, 1, 363.7 mm

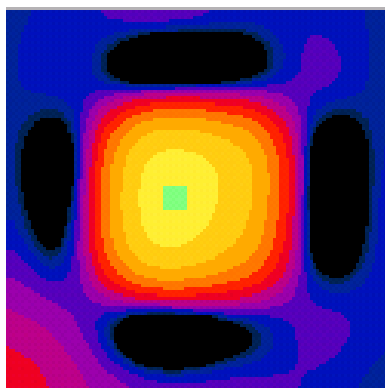
**Point meas, TCoil on CH600/z (axial) at max z/ABM SNR(x,y,z) (1x1x1):**

Measurement grid: dx=10mm, dy=10mm

**Cursor:**

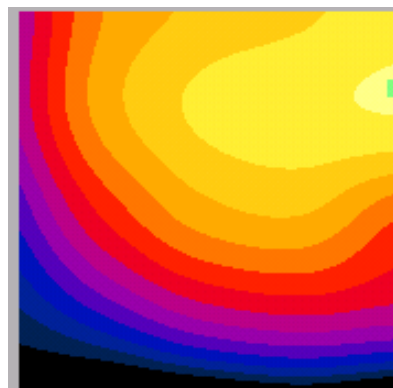
ABM1/ABM2 = 29.4 dB  
 ABM1 comp = -9.88 dB A/m  
 BWC Factor = 0.0111108 dB  
 Location: 5, 1, 363.7 mm

**Z (axial) rough 50x50 scan:**



0 dB = 1.00A/m

**Z (axial) 16x16 scan:**



0 dB = 1.00A/m

**X RADIAL MEASUREMENT: CDMA 1900 Channel 600 Open Position**

**Equipment Setting:**

**DUT: M2000; Type: Cellular Phone ; Serial Number: 1CYT79;** **Date:** 12/10/08  
 Communication System: CDMA; Frequency: 1880 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>  
 Phantom section: AMB with Coil Section DASY4 Configuration:  
 - Probe: AM1DV2 - 1045; ; Calibrated: 9/18/2008  
 - Sensor-Surface: 0mm (Fix Surface)  
 - Electronics: DAE4 Sn530; Calibrated: 4/15/2008  
 - Phantom: HAC Test Arch with Coil; Type: SD HAC P01 BA; Serial: 100x  
 - Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

**Scans CH600/x (longitudinal) 24 x 16/ABM Interpolated Signal(x,y,z) (61x41x1):**

Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM1 = -11.2 dB A/m  
 BWC Factor = 0.0116313 dB  
 Location: -7, -3, 363.7 mm

**Point meas, TCoil on CH600/x (longitudinal) at max x/ABM Signal(x,y,z) (1x1x1):**

Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM1 comp = -10.6 dB A/m  
 BWC Factor = 0.0111108 dB  
 Location: -7, -3, 363.7 mm

**Point meas, TCoil on CH600/x (longitudinal) at max x/ABM Noise(x,y,z) (1x1x1):**

Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM2 = -34.9 dB A/m  
 Location: -7, -3, 363.7 mm

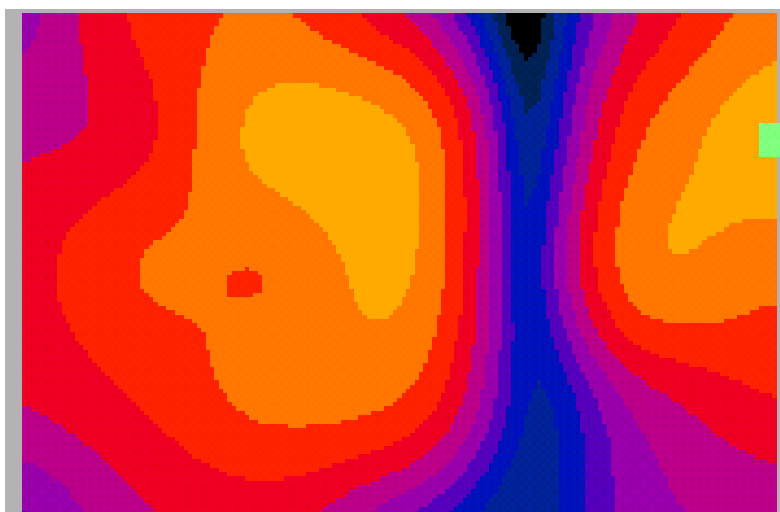
**Point meas, TCoil on CH600/x (longitudinal) at max x/ABM SNR(x,y,z) (1x1x1):**

Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM1/ABM2 = 24.2 dB  
 ABM1 comp = -10.6 dB A/m  
 BWC Factor = 0.0111108 dB  
 Location: -7, -3, 363.7 mm

**X (Radial) 24x16 scan:**



0 dB = 1.00A/m

**Y RADIAL MEASUREMENT: CDMA 1900 Channel 600 Open Position**

**Equipment Setting:**

**DUT: M2000; Type: Cellular Phone ; Serial Number: 1CYT79; Date: 12/10/08**

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

Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Phantom section: AMB with Coil Section DASY4 Configuration:

- Probe: AM1DV2 - 1045; ; Calibrated: 9/18/2008
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn530; Calibrated: 4/15/2008
- Phantom: HAC Test Arch with Coil; Type: SD HAC P01 BA; Serial: 100x
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

**Scans CH600/y (transversal) 16 x 24/ABM**

**Interpolated Signal(x,y,z) (41x61x1):**

Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM1 = -10.7 dB A/m

BWC Factor = 0.0116313 dB

Location: 0.6, -7, 363.7 mm

**Point meas, TCoil on CH600/y (transversal) at max**

**y/ABM Signal(x,y,z) (1x1x1):**

Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM1 comp = -11.8 dB A/m

BWC Factor = 0.0111108 dB

Location: -3, -7, 363.7 mm

**Point meas, TCoil on CH600/y (transversal) at max y/ABM Noise(x,y,z) (1x1x1):**

Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM2 = -39.1 dB A/m

Location: -3, -7, 363.7 mm

**Point meas, TCoil on CH600/y (transversal) at max y/ABM SNR(x,y,z) (1x1x1):**

Measurement grid: dx=10mm, dy=10mm

**Cursor:**

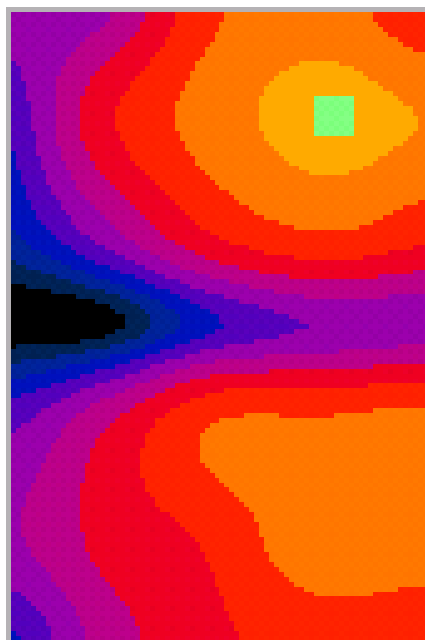
ABM1/ABM2 = 27.4 dB

ABM1 comp = -11.8 dB A/m

BWC Factor = 0.0111108 dB

Location: -3, -7, 363.7 mm

**Y (Radial) 16x24 scan:**



0 dB = 1.00A/m

**Z (AXIAL) MEASUREMENT: CDMA 1900 Channel 1175 Open Position**

**Equipment Setting:**

**DUT: M2000; Type: Cellular Phone ; Serial Number: 1CYT79; Date: 12/10/08**

Communication System: CDMA; Frequency: 1910 MHz; Duty Cycle: 1:1

Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Phantom section: AMB with Coil Section DASY4 Configuration:

- Probe: AM1DV2 - 1045; ; Calibrated: 9/18/2008
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn530; Calibrated: 4/15/2008
- Phantom: HAC Test Arch with Coil; Type: SD HAC P01 BA; Serial: 100x
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

**Scans CH1175/z (axial) rough 50 x 50/ABM Interpolated Signal(x,y,z) (51x51x1):**

Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM1 = -8.06 dB A/m

BWC Factor = 0.0111108 dB

Location: 3, -3, 363.7 mm

**Scans CH1175/z (axial) 16 x 16/ABM Interpolated Signal(x,y,z) (41x41x1):**

Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM1 = -2.75 dB A/m

BWC Factor = 0.0111108 dB

Location: 1.4, 0.6, 363.7 mm

**Point meas, TCoil on CH1175/z (axial) at max z/ABM Signal(x,y,z) (1x1x1):**

Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM1 comp = -2.52 dB A/m

BWC Factor = 0.0105036 dB

Location: 1, 1, 363.7 mm

**Point meas, TCoil on CH1175/z (axial) at max z/ABM Noise(x,y,z) (1x1x1):**

Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM2 = -34.8 dB A/m

Location: 1, 1, 363.7 mm

**Point meas, TCoil on CH1175/z (axial) at max z/ABM SNR(x,y,z) (1x1x1):**

Measurement grid: dx=10mm, dy=10mm

**Cursor:**

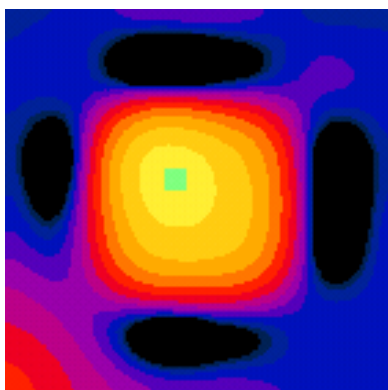
ABM1/ABM2 = 32.3 dB

ABM1 comp = -2.52 dB A/m

BWC Factor = 0.0105036 dB

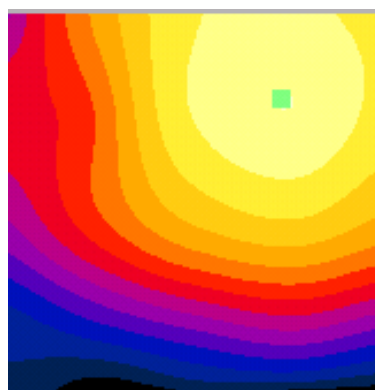
Location: 1, 1, 363.7 mm

**Z (axial) rough 50x50 scan:**



0 dB = 1.00A/m

**Z (axial) 16x16 scan:**



0 dB = 1.00A/m



**X RADIAL MEASUREMENT: CDMA 1900 Channel 1175 Open Position**

**Equipment Setting:**

**DUT: M2000; Type: Cellular Phone ; Serial Number: 1CYT79; Date: 12/10/08**

Communication System: CDMA; Frequency: 1910 MHz; Duty Cycle: 1:1

Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Phantom section: AMB with Coil Section DASY4 Configuration:

- Probe: AM1DV2 - 1045; ; Calibrated: 9/18/2008
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn530; Calibrated: 4/15/2008
- Phantom: HAC Test Arch with Coil; Type: SD HAC P01 BA; Serial: 100x
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

**Scans CH1175/x (longitudinal) 24 x 16/ABM Interpolated Signal(x,y,z) (61x41x1):**

Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM1 = -10.3 dB A/m  
 BWC Factor = 0.0111108 dB  
 Location: -7, -2.2, 363.7 mm

**Point meas, TCoil on CH1175/x (longitudinal) at max x/ABM Signal(x,y,z) (1x1x1):**

Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM1 comp = -10.7 dB A/m  
 BWC Factor = 0.0105036 dB  
 Location: -7, -3, 363.7 mm

**Point meas, TCoil on CH1175/x (longitudinal) at max x/ABM Noise(x,y,z) (1x1x1):**

Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM2 = -32.3 dB A/m  
 Location: -7, -3, 363.7 mm

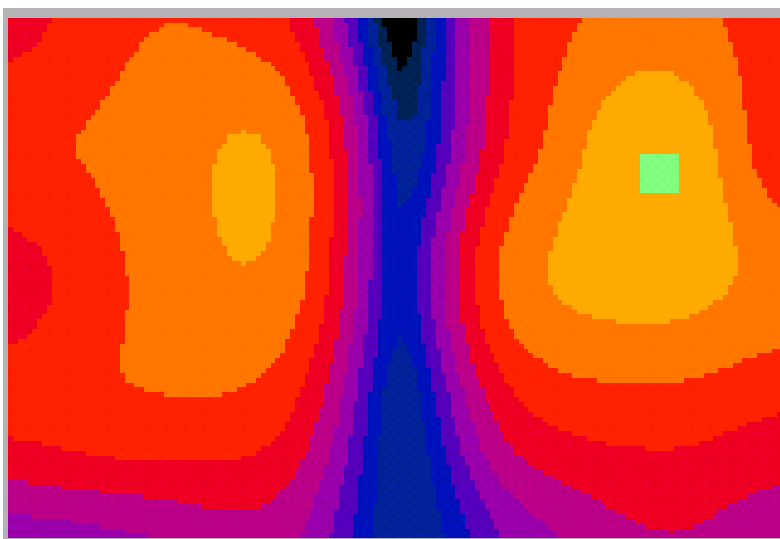
**Point meas, TCoil on CH1175/x (longitudinal) at max x/ABM SNR(x,y,z) (1x1x1):**

Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM1/ABM2 = 21.6 dB  
 ABM1 comp = -10.7 dB A/m  
 BWC Factor = 0.0105036 dB  
 Location: -7, -3, 363.7 mm

**X (Radial) 24x16 scan:**



0 dB = 1.00A/m

**Y RADIAL MEASUREMENT: CDMA 1900 Channel 1175 Open Position**

**Equipment Setting:**

**DUT: M2000; Type: Cellular Phone ; Serial Number: 1CYT79; Date: 12/10/08**

Communication System: CDMA; Frequency: 1910 MHz; Duty Cycle: 1:1

Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Phantom section: AMB with Coil Section DASY4 Configuration:

- Probe: AM1DV2 - 1045; ; Calibrated: 9/18/2008
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn530; Calibrated: 4/15/2008
- Phantom: HAC Test Arch with Coil; Type: SD HAC P01 BA; Serial: 100x
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

**Scans CH1175/y (transversal) 16 x 24/ABM Interpolated Signal(x,y,z) (41x61x1):**

Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM1 = -11.0 dB A/m  
 BWC Factor = 0.0111108 dB  
 Location: -1, -6.6, 363.7 mm

**Point meas, TCoil on CH1175/y (transversal) at max y/ABM Signal(x,y,z) (1x1x1):**

Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM1 comp = -11.8 dB A/m  
 BWC Factor = 0.0105036 dB  
 Location: -3, -7, 363.7 mm

**Point meas, TCoil on CH1175/y (transversal) at max y/ABM Noise(x,y,z) (1x1x1):**

Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM2 = -36.3 dB A/m  
 Location: -3, -7, 363.7 mm

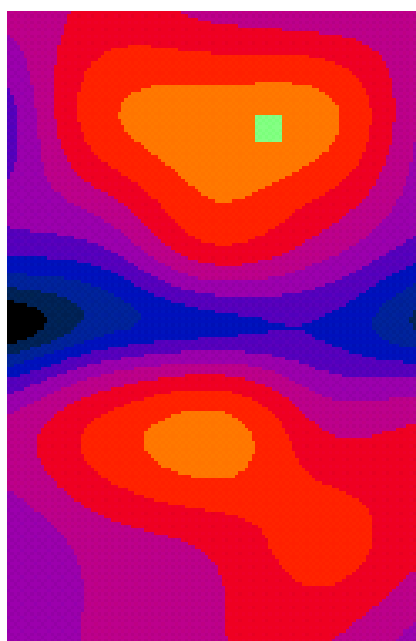
**Point meas, TCoil on CH1175/y (transversal) at max y/ABM SNR(x,y,z) (1x1x1):**

Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM1/ABM2 = 24.6 dB  
 ABM1 comp = -11.8 dB A/m  
 BWC Factor = 0.0105036 dB  
 Location: -3, -7, 363.7 mm

**Y (Radial) 16x24 scan:**



0 dB = 1.00A/m