

APPENDIX D

**Z (AXIAL) MEASUREMENT: CDMA 800 Channel 1013**

**Equipment Setting:**

**DUT: E1000; Type: Cellular Phone ; Serial Number: 1359;** Date: 5/4/2007  
 Communication System: CDMA; Frequency: 824.7 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: 9/26/2006  
 - Sensor-Surface: 0mm (Fix Surface)  
 - Electronics: DAE4 Sn527; Calibrated: 9/19/2006  
 - Phantom: HAC Test Arch with Coil; Type: SD HAC P01 BA; Serial: 100x  
 - Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

**Scans CH1013/z (axial) rough 50 x 50/ABM Interpolated Signal(x,y,z) (51x51x1):**

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

**Cursor:**

ABM1 = -2.80417 dB A/m  
 BWC Factor = -0.206004 dB  
 Location: -3, -15, 363.7 mm

**Scans CH1013/z (axial) 16 x 16/ABM Interpolated Signal(x,y,z) (41x41x1):**

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

**Cursor:**

ABM1 = 0.622795 dB A/m  
 BWC Factor = -0.206004 dB  
 Location: 3, -14.6, 363.7 mm

**Point meas, TCoil on CH1013/z (axial) at max z/ABM Signal(x,y,z) (1x1x1):**

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

**Cursor:**

ABM1 comp = -3.32926 dB A/m  
 BWC Factor = -0.204999 dB  
 Location: -1, -11, 363.7 mm

**Point meas, TCoil on CH1013/z (axial) at max z/ABM Noise(x,y,z) (1x1x1):**

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

**Cursor:**

ABM2 = -52.7109 dB A/m  
 Location: -1, -11, 363.7 mm

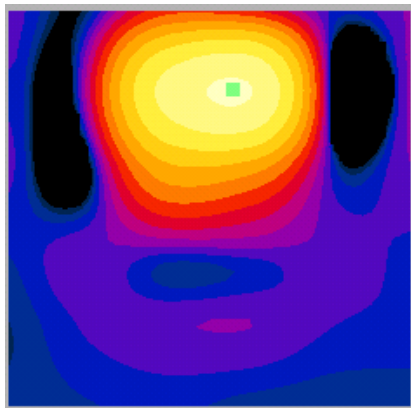
**Point meas, TCoil on CH1013/z (axial) at max z/ABM SNR(x,y,z) (1x1x1):**

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

**Cursor:**

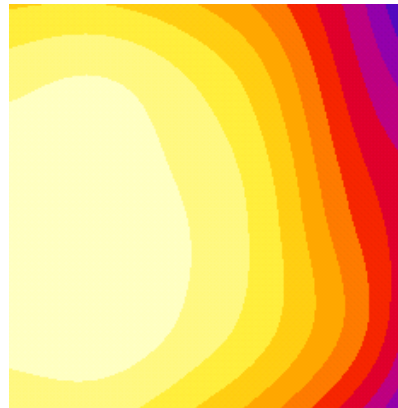
ABM1/ABM2 = 49.3816 dB  
 BWC Factor = -0.204999 dB  
 Location: -1, -11, 363.7 mm

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



0 dB = 1.00A/m

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



0 dB = 1.00A/m

**X RADIAL MEASUREMENT: CDMA 800 Channel 1013**

**Equipment Setting:**

**DUT: E1000; Type: Cellular Phone ; Serial Number: 1359;** Date: 5/4/2007  
 Communication System: CDMA; Frequency: 824.7 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: 9/26/2006  
 - Sensor-Surface: 0mm (Fix Surface)  
 - Electronics: DAE4 Sn527; Calibrated: 9/19/2006  
 - Phantom: HAC Test Arch with Coil; Type: SD HAC P01 BA; Serial: 100x  
 - Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

**Scans CH1013/x (longitudinal) 24 x 16/ABM Interpolated Signal(x,y,z) (61x41x1):**

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

**Cursor:**

ABM1 = -7.01026 dB A/m  
 BWC Factor = -0.206004 dB  
 Location: -8.6, -13.4, 363.7 mm

**Point meas, TCoil on CH1013/x (longitudinal) at max x/ABM Signal(x,y,z) (1x1x1):**

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

**Cursor:**

ABM1 comp = -10.8034 dB A/m  
 BWC Factor = -0.204999 dB  
 Location: -9, -15, 363.7 mm

**Point meas, TCoil on CH1013/x (longitudinal) at max x/ABM Noise(x,y,z) (1x1x1):**

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

**Cursor:**

ABM2 = -56.5797 dB A/m  
 Location: -9, -15, 363.7 mm

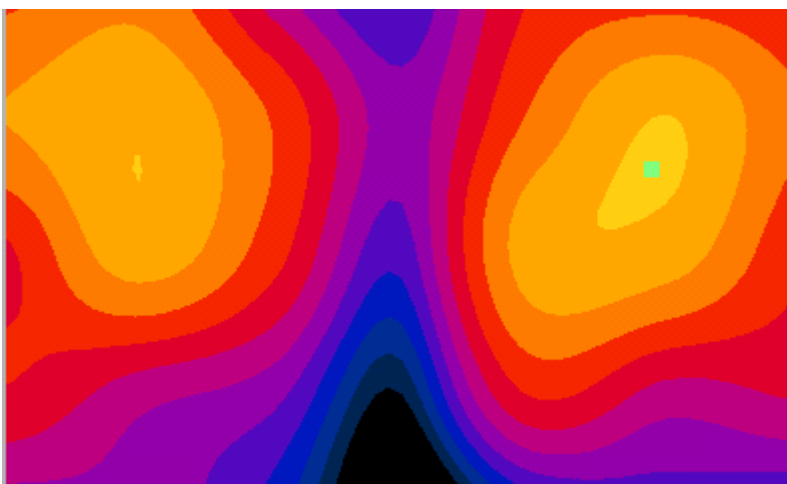
**Point meas, TCoil on CH1013/x (longitudinal) at max x/ABM SNR(x,y,z) (1x1x1):**

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

**Cursor:**

ABM1/ABM2 = 45.7763 dB  
 BWC Factor = -0.204999 dB  
 Location: -9, -15, 363.7 mm

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



0 dB = 1.00A/m

**Y RADIAL MEASUREMENT: CDMA 800 Channel 1013**

**Equipment Setting:**

**DUT: E1000; Type: Cellular Phone ; Serial Number: 1359;**  
 Communication System: CDMA; Frequency: 824.7 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

Date: 5/4/2007

**DASY4 Configuration:**

- Probe: AM1DV2 - 1045; ; Calibrated: 9/26/2006
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn527; Calibrated: 9/19/2006
- Phantom: HAC Test Arch with Coil; Type: SD HAC P01 BA; Serial: 100x
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

**Scans CH1013/y (transversal) 16 x 24/ABM Interpolated Signal(x,y,z) (41x61x1):**

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

**Cursor:**

ABM1 = -7.18618 dB A/m  
 BWC Factor = -0.206004 dB  
 Location: -1, -19.8, 363.7 mm

**Point meas,TCoil on CH1013/y (transversal) at max y/ABM Signal(x,y,z) (1x1x1):**

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

**Cursor:**

ABM1 comp = -6.96106 dB A/m  
 BWC Factor = -0.204999 dB  
 Location: -1, -19, 363.7 mm

**Point meas,TCoil on CH1013/y (transversal) at max y/ABM Noise(x,y,z) (1x1x1):**

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

**Cursor:**

ABM2 = -50.8044 dB A/m  
 Location: -1, -19, 363.7 mm

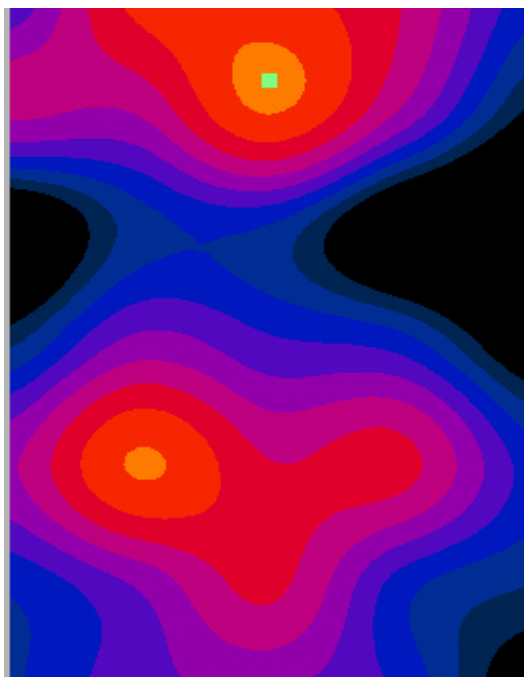
**Point meas,TCoil on CH1013/y (transversal) at max y/ABM SNR(x,y,z) (1x1x1):**

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

**Cursor:**

ABM1/ABM2 = 43.8433 dB  
 BWC Factor = -0.204999 dB  
 Location: -1, -19, 363.7 mm

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



0 dB = 1.00A/m

**Z (AXIAL) MEASUREMENT: CDMA 800 Channel 383**

**Equipment Setting:**

**DUT: E1000; Type: Cellular Phone ; Serial Number: 1359;**  
 Communication System: CDMA; Frequency: 836.49 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

Date: 5/4/2007

**DASY4 Configuration:**

- Probe: AM1DV2 - 1045; ; Calibrated: 9/26/2006
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn527; Calibrated: 9/19/2006
- Phantom: HAC Test Arch with Coil; Type: SD HAC P01 BA; Serial: 100x
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

**Scans CH383/z (axial) rough 50 x 50/ABM Interpolated Signal(x,y,z) (51x51x1):**

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

**Cursor:**

ABM1 = -2.00251 dB A/m  
 BWC Factor = -0.204999 dB  
 Location: 0, -15, 363.7 mm

**Scans CH383/z (axial) 16 x 16/ABM Interpolated Signal(x,y,z) (41x41x1):**

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

**Cursor:**

ABM1 = -0.914575 dB A/m  
 BWC Factor = -0.204999 dB  
 Location: -1, -11.8, 363.7 mm

**Point meas,TCoil on CH383/z (axial) at max z/ABM Signal(x,y,z) (1x1x1):**

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

**Cursor:**

ABM1 comp = 0.132039 dB A/m  
 BWC Factor = -0.204999 dB  
 Location: -1, -11, 363.7 mm

**Point meas,TCoil on CH383/z (axial) at max z/ABM Noise(x,y,z) (1x1x1):**

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

**Cursor:**

ABM2 = -52.7381 dB A/m  
 Location: -1, -11, 363.7 mm

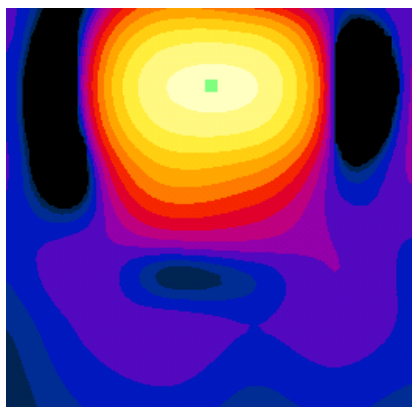
**Point meas,TCoil on CH383/z (axial) at max z/ABM SNR(x,y,z) (1x1x1):**

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

**Cursor:**

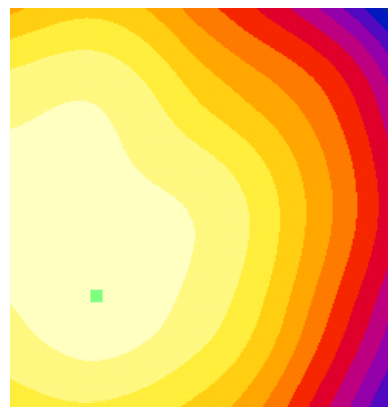
ABM1/ABM2 = 52.8701 dB  
 BWC Factor = -0.204999 dB  
 Location: -1, -11, 363.7 mm

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



0 dB = 1.00A/m

**Z (axial) 16x16scan:**



0 dB = 1.00A/m

**X RADIAL MEASUREMENT: CDMA 800 Channel 383**

**Equipment Setting:**

**DUT: E1000; Type: Cellular Phone ; Serial Number: 1359;** Date: 5/4/2007  
 Communication System: CDMA; Frequency: 836.49 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: 9/26/2006
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn527; Calibrated: 9/19/2006
- Phantom: HAC Test Arch with Coil; Type: SD HAC P01 BA; Serial: 100x
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

**Scans CH383/x (longitudinal) 24 x 16/ABM Interpolated Signal(x,y,z) (61x41x1):**

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

**Cursor:**

ABM1 = -6.84588 dB A/m  
 BWC Factor = -0.204999 dB  
 Location: -5.8, -14.2, 363.7 mm

**Point meas, TCoil on CH383/x (longitudinal) at max x/ABM Signal(x,y,z) (1x1x1):**

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

**Cursor:**

ABM1 comp = -7.19998 dB A/m  
 BWC Factor = -0.204999 dB  
 Location: -5, -15, 363.7 mm

**Point meas, TCoil on CH383/x (longitudinal) at max x/ABM Noise(x,y,z) (1x1x1):**

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

**Cursor:**

ABM2 = -52.7886 dB A/m  
 Location: -5, -15, 363.7 mm

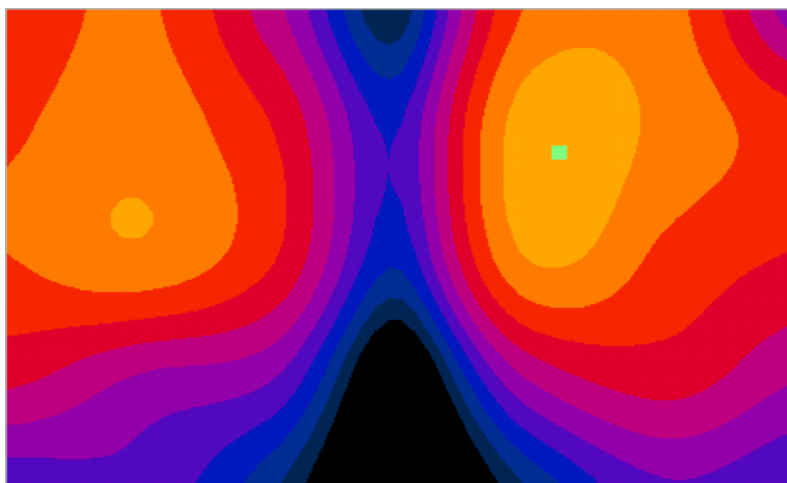
**Point meas, TCoil on CH383/x (longitudinal) at max x/ABM SNR(x,y,z) (1x1x1):**

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

**Cursor:**

ABM1/ABM2 = 45.5886 dB  
 BWC Factor = -0.204999 dB  
 Location: -5, -15, 363.7 mm

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



0 dB = 1.00A/m

**Y RADIAL MEASUREMENT: CDMA 800 Channel 383**

**Equipment Setting:**

**DUT: E1000; Type: Cellular Phone ; Serial Number: 1359;** Date: 5/4/2007  
 Communication System: CDMA; Frequency: 836.49 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: 9/26/2006
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn527; Calibrated: 9/19/2006
- Phantom: HAC Test Arch with Coil; Type: SD HAC P01 BA; Serial: 100x
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

**Scans CH383/y (transversal) 16 x 24/ABM Interpolated Signal(x,y,z) (41x61x1):**

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

**Cursor:**

ABM1 = -6.77867 dB A/m  
 BWC Factor = -0.204999 dB  
 Location: -1, -19.8, 363.7 mm

**Point meas,TCoil on CH383/y (transversal) at max y/ABM Signal(x,y,z) (1x1x1):**

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

**Cursor:**

ABM1 comp = -6.67903 dB A/m  
 BWC Factor = -0.204999 dB  
 Location: -1, -7, 363.7 mm

**Point meas,TCoil on CH383/y (transversal) at max y/ABM Noise(x,y,z) (1x1x1):**

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

**Cursor:**

ABM2 = -56.656 dB A/m  
 Location: -1, -7, 363.7 mm

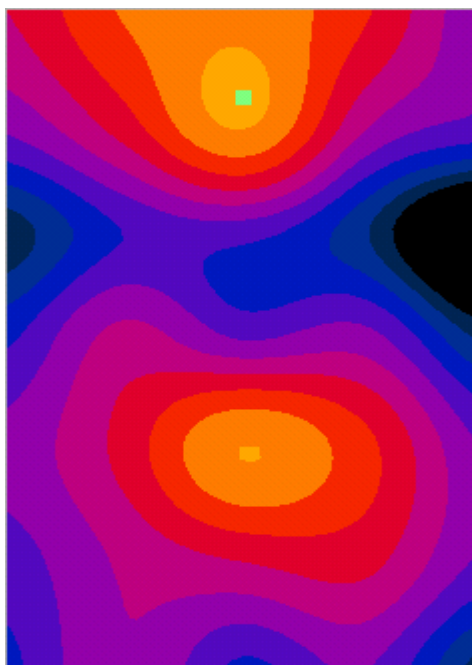
**Point meas,TCoil on CH383/y (transversal) at max y/ABM SNR(x,y,z) (1x1x1):**

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

**Cursor:**

ABM1/ABM2 = 49.977 dB  
 BWC Factor = -0.204999 dB  
 Location: -1, -7, 363.7 mm

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



0 dB = 1.00A/m

**Z (AXIAL) MEASUREMENT: CDMA 800 Channel 777**

**Equipment Setting:**

**DUT: E1000; Type: Cellular Phone ; Serial Number: 1359;**  
 Communication System: CDMA; Frequency: 848.31 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

Date: 5/4/2007

**DASY4 Configuration:**

- Probe: AM1DV2 - 1045; ; Calibrated: 9/26/2006
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn527; Calibrated: 9/19/2006
- Phantom: HAC Test Arch with Coil; Type: SD HAC P01 BA; Serial: 100x
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

**Scans CH777/z (axial) rough 50 x 50/ABM Interpolated Signal(x,y,z) (51x51x1):**

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

**Cursor:**

ABM1 = -1.48206 dB A/m  
 BWC Factor = -0.204999 dB  
 Location: 0, -15, 363.7 mm

**Scans CH777/z (axial) 16 x 16/ABM Interpolated Signal(x,y,z) (41x41x1):**

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

**Cursor:**

ABM1 = 0.820797 dB A/m  
 BWC Factor = -0.204999 dB  
 Location: 0.2, -13, 363.7 mm

**Point meas, TCoil on CH777/z (axial) at max z/ABM Signal(x,y,z) (1x1x1):**

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

**Cursor:**

ABM1 comp = -2.45745 dB A/m  
 BWC Factor = -0.204999 dB  
 Location: -3, -11, 363.7 mm

**Point meas, TCoil on CH777/z (axial) at max z/ABM Noise(x,y,z) (1x1x1):**

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

**Cursor:**

ABM2 = -55.8922 dB A/m  
 Location: -3, -11, 363.7 mm

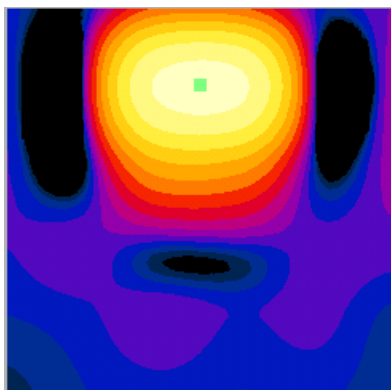
**Point meas, TCoil on CH777/z (axial) at max z/ABM SNR(x,y,z) (1x1x1):**

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

**Cursor:**

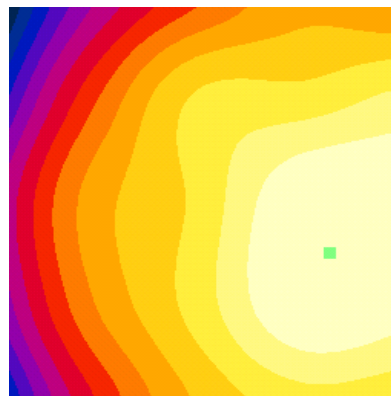
ABM1/ABM2 = 53.4347 dB  
 BWC Factor = -0.204999 dB  
 Location: -3, -11, 363.7 mm

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



0 dB = 1.00A/m

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



0 dB = 1.00A/m

**X RADIAL MEASUREMENT: CDMA 800 Channel 777**

**Equipment Setting:**

**DUT: E1000; Type: Cellular Phone ; Serial Number: 1359;**  
 Communication System: CDMA; Frequency: 848.31 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

Date: 5/4/2007

**DASY4 Configuration:**

- Probe: AM1DV2 - 1045; ; Calibrated: 9/26/2006
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn527; Calibrated: 9/19/2006
- Phantom: HAC Test Arch with Coil; Type: SD HAC P01 BA; Serial: 100x
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

**Scans CH777/x (longitudinal) 24 x 16/ABM Interpolated Signal(x,y,z) (61x41x1):**

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

**Cursor:**

ABM1 = -7.28203 dB A/m  
 BWC Factor = -0.204999 dB  
 Location: -7.4, -11.8, 363.7 mm

**Point meas,TCoil on CH777/x (longitudinal) at max x/ABM Signal(x,y,z) (1x1x1):**

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

**Cursor:**

ABM1 comp = -7.17965 dB A/m  
 BWC Factor = -0.204999 dB  
 Location: -7, -11, 363.7 mm

**Point meas,TCoil on CH777/x (longitudinal) at max x/ABM Noise(x,y,z) (1x1x1):**

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

**Cursor:**

ABM2 = -53.6936 dB A/m  
 Location: -7, -11, 363.7 mm

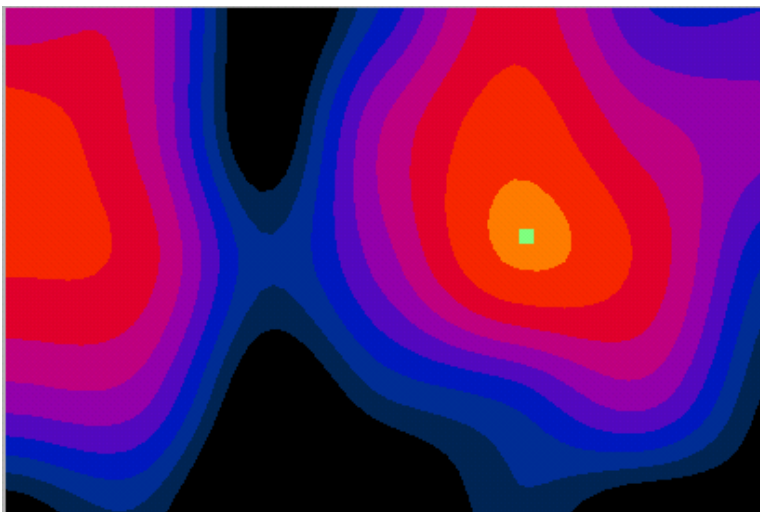
**Point meas,TCoil on CH777/x (longitudinal) at max x/ABM SNR(x,y,z) (1x1x1):**

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

**Cursor:**

ABM1/ABM2 = 46.514 dB  
 BWC Factor = -0.204999 dB  
 Location: -7, -11, 363.7 mm

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



0 dB = 1.00A/m



**Y RADIAL MEASUREMENT: CDMA 800 Channel 777**

**Equipment Setting:**

**DUT: E1000; Type: Cellular Phone ; Serial Number: 1359;**  
 Communication System: CDMA; Frequency: 848.31 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

Date: 5/4/2007

**DASY4 Configuration:**

- Probe: AM1DV2 - 1045; ; Calibrated: 9/26/2006
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn527; Calibrated: 9/19/2006
- Phantom: HAC Test Arch with Coil; Type: SD HAC P01 BA; Serial: 100x
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

**Scans CH777/y (transversal) 16 x 24/ABM Interpolated Signal(x,y,z) (41x61x1):**

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

**Cursor:**

ABM1 = -6.6498 dB A/m  
 BWC Factor = -0.204999 dB  
 Location: 0.2, -19.4, 363.7 mm

**Point meas,TCoil on CH777/y (transversal) at max y/ABM Signal(x,y,z) (1x1x1):**

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

**Cursor:**

ABM1 comp = -7.41402 dB A/m  
 BWC Factor = -0.204999 dB  
 Location: -3, -7, 363.7 mm

**Point meas,TCoil on CH777/y (transversal) at max y/ABM Noise(x,y,z) (1x1x1):**

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

**Cursor:**

ABM2 = -57.3243 dB A/m  
 Location: -3, -7, 363.7 mm

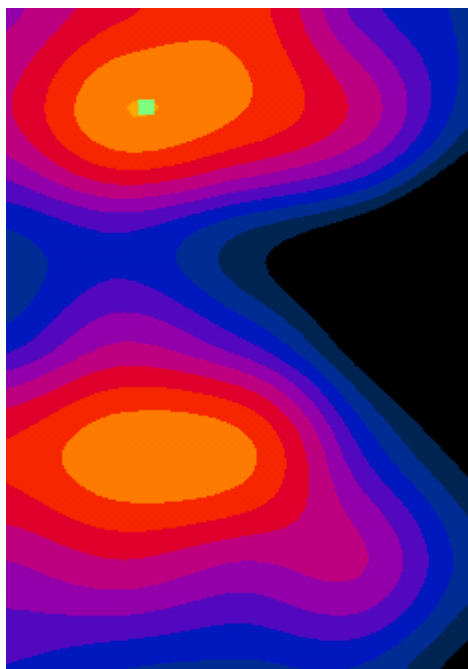
**Point meas,TCoil on CH777/y (transversal) at max y/ABM SNR(x,y,z) (1x1x1):**

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

**Cursor:**

ABM1/ABM2 = 49.9103 dB  
 BWC Factor = -0.204999 dB  
 Location: -3, -7, 363.7 mm

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



0 dB = 1.00A/m

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

**Equipment Setting:**

**DUT: E1000; Type: Cellular Phone ; Serial Number: 1359;**  
 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

Date: 5/7/2007

**DASY4 Configuration:**

- Probe: AM1DV2 - 1045; ; Calibrated: 9/26/2006
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn527; Calibrated: 9/19/2006
- Phantom: HAC Test Arch with Coil; Type: SD HAC P01 BA; Serial: 100x
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

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

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

**Cursor:**

ABM1 = 0.398311 dB A/m  
 BWC Factor = -0.204999 dB  
 Location: -4, -15, 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 = 2.34352 dB A/m  
 BWC Factor = -0.204999 dB  
 Location: -1, -14.2, 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 = -3.2069 dB A/m  
 BWC Factor = -0.204999 dB  
 Location: -5, -15, 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 = -54.654 dB A/m  
 Location: -5, -15, 363.7 mm

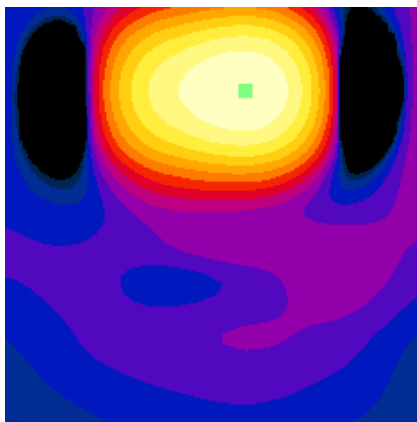
**Point meas, TCoil on CH25/z (axial) at max z/ABM SNR(x,y,z) (1x1x1):**

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

**Cursor:**

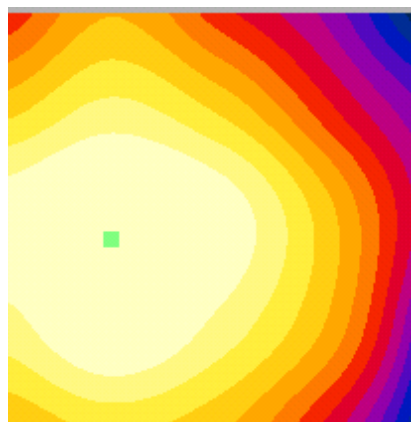
ABM1/ABM2 = 51.4471 dB  
 BWC Factor = -0.204999 dB  
 Location: -5, -15, 363.7 mm

**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**

**Equipment Setting:**

**DUT: E1000; Type: Cellular Phone ; Serial Number: 1359;**  
 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

Date: 5/7/2007

**DASY4 Configuration:**

- Probe: AM1DV2 - 1045; ; Calibrated: 9/26/2006
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn527; Calibrated: 9/19/2006
- Phantom: HAC Test Arch with Coil; Type: SD HAC P01 BA; Serial: 100x
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

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

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

**Cursor:**

ABM1 = -6.05018 dB A/m  
 BWC Factor = -0.204999 dB  
 Location: -9, -15, 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 = -5.96844 dB A/m  
 BWC Factor = -0.204999 dB  
 Location: -9, -15, 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 = -55.4253 dB A/m  
 Location: -9, -15, 363.7 mm

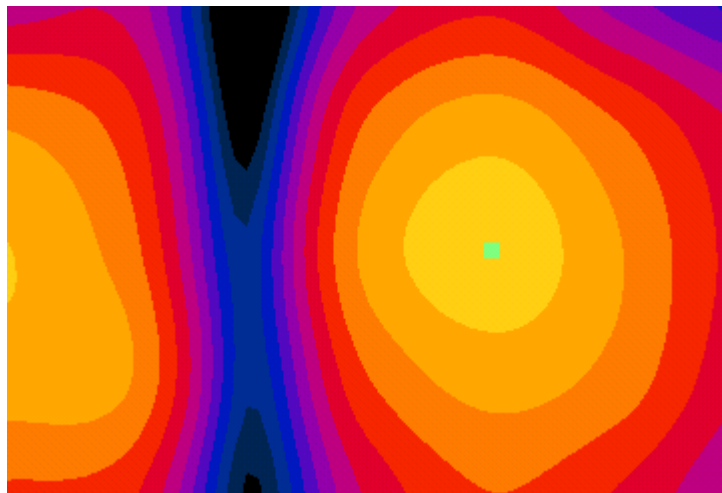
**Point meas, TCoil on CH25/x (longitudinal) at max x/ABM SNR(x,y,z) (1x1x1):**

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

**Cursor:**

ABM1/ABM2 = 49.4568 dB  
 BWC Factor = -0.204999 dB  
 Location: -9, -15, 363.7 mm

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



0 dB = 1.00A/m

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

**Equipment Setting:**

**DUT: E1000; Type: Cellular Phone ; Serial Number: 1359;**  
 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

Date: 5/7/2007

**DASY4 Configuration:**

- Probe: AM1DV2 - 1045; ; Calibrated: 9/26/2006
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn527; Calibrated: 9/19/2006
- Phantom: HAC Test Arch with Coil; Type: SD HAC P01 BA; Serial: 100x
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

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

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

**Cursor:**

ABM1 = -5.65498 dB A/m  
 BWC Factor = -0.204999 dB  
 Location: -1.4, -20.2, 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 = -9.29901 dB A/m  
 BWC Factor = -0.204999 dB  
 Location: 3, -7, 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 = -51.8279 dB A/m  
 Location: 3, -7, 363.7 mm

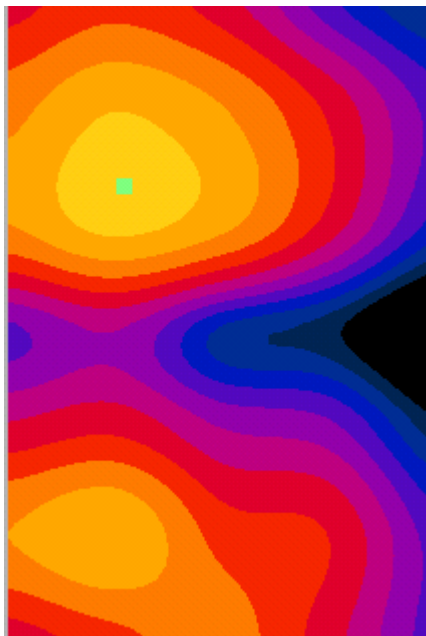
**Point meas,TCoil on CH25/y (transversal) at max y/ABM SNR(x,y,z) (1x1x1):**

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

**Cursor:**

ABM1/ABM2 = 42.5289 dB  
 BWC Factor = -0.204999 dB  
 Location: 3, -7, 363.7 mm

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



0 dB = 1.00A/m

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

**Equipment Setting:**

**DUT: E1000; Type: Cellular Phone ; Serial Number: 1359;**  
 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

Date: 5/7/2007

**DASY4 Configuration:**

- Probe: AM1DV2 - 1045; ; Calibrated: 9/26/2006
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn527; Calibrated: 9/19/2006
- Phantom: HAC Test Arch with Coil; Type: SD HAC P01 BA; Serial: 100x
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

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

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

**Cursor:**

ABM1 = -1.50002 dB A/m  
 BWC Factor = -0.204999 dB  
 Location: -4, -15, 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 = 0.543681 dB A/m  
 BWC Factor = -0.204999 dB  
 Location: -3, -14.6, 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 = -4.37916 dB A/m  
 BWC Factor = -0.204999 dB  
 Location: -5, -15, 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 = -54.6759 dB A/m  
 Location: -5, -15, 363.7 mm

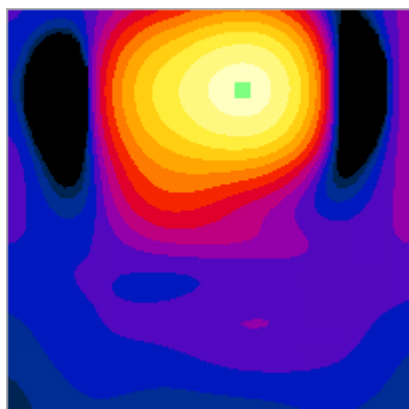
**Point meas, TCoil on CH600/z (axial) at max z/ABM SNR(x,y,z) (1x1x1):**

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

**Cursor:**

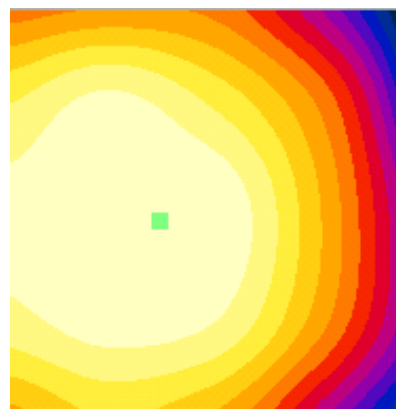
ABM1/ABM2 = 50.2968 dB  
 BWC Factor = -0.204999 dB  
 Location: -5, -15, 363.7 mm

**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**

**Equipment Setting:**

**DUT: E1000; Type: Cellular Phone ; Serial Number: 1359;**  
 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

Date: 5/7/2007

**DASY4 Configuration:**

- Probe: AM1DV2 - 1045; ; Calibrated: 9/26/2006
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn527; Calibrated: 9/19/2006
- Phantom: HAC Test Arch with Coil; Type: SD HAC P01 BA; Serial: 100x
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

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

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

**Cursor:**

ABM1 = -6.52208 dB A/m  
 BWC Factor = -0.204999 dB  
 Location: 5.4, -14.6, 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 = -7.32575 dB A/m  
 BWC Factor = -0.204999 dB  
 Location: -9, -11, 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 = -50.978 dB A/m  
 Location: -9, -11, 363.7 mm

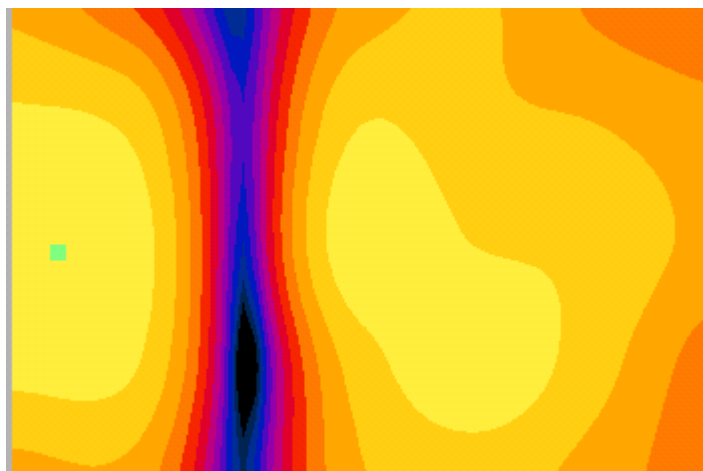
**Point meas, TCoil on CH600/x (longitudinal) at max x/ABM SNR(x,y,z) (1x1x1):**

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

**Cursor:**

ABM1/ABM2 = 43.6522 dB  
 BWC Factor = -0.204999 dB  
 Location: -9, -11, 363.7 mm

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



0 dB = 1.00A/m

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

**Equipment Setting:**

**DUT: E1000; Type: Cellular Phone ; Serial Number: 1359;** Date: 5/7/2007

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: 9/26/2006
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn527; Calibrated: 9/19/2006
- Phantom: HAC Test Arch with Coil; Type: SD HAC P01 BA; Serial: 100x
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

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

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

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

**Cursor:**

ABM1 = -6.11497 dB A/m

BWC Factor = -0.204999 dB

Location: -1, -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 = -8.45251 dB A/m

BWC Factor = -0.204999 dB

Location: -5, -23, 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 = -53.7499 dB A/m

Location: -5, -23, 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

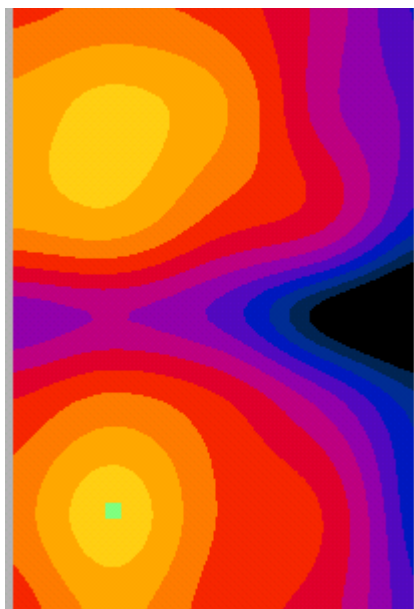
**Cursor:**

ABM1/ABM2 = 45.2974 dB

BWC Factor = -0.204999 dB

Location: -5, -23, 363.7 mm

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



0 dB = 1.00A/m

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

**Equipment Setting:**

**DUT: E1000; Type: Cellular Phone ; Serial Number: 1359;**  
 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

Date: 5/7/2007

**DASY4 Configuration:**

- Probe: AM1DV2 - 1045; ; Calibrated: 9/26/2006
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn527; Calibrated: 9/19/2006
- Phantom: HAC Test Arch with Coil; Type: SD HAC P01 BA; Serial: 100x
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

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

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

**Cursor:**

ABM1 = -3.37674 dB A/m  
 BWC Factor = -0.204999 dB  
 Location: -3, -15, 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 = 2.15387 dB A/m  
 BWC Factor = -0.204999 dB  
 Location: -3, -13.8, 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 = 2.009 dB A/m  
 BWC Factor = -0.204999 dB  
 Location: -3, -15, 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 = -51.4297 dB A/m  
 Location: -3, -15, 363.7 mm

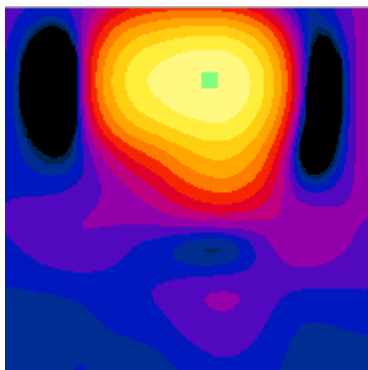
**Point meas, TCoil on CH1175/z (axial) at max z/ABM SNR(x,y,z) (1x1x1):**

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

**Cursor:**

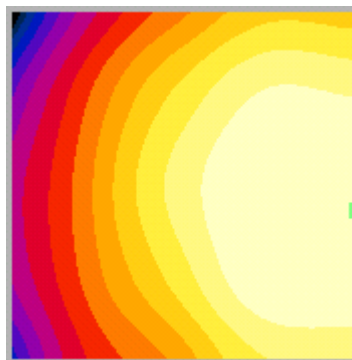
ABM1/ABM2 = 53.4387 dB  
 BWC Factor = -0.204999 dB  
 Location: -3, -15, 363.7 mm

**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**

**Equipment Setting:**

**DUT: E1000; Type: Cellular Phone ; Serial Number: 1359;**  
 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

Date: 5/7/2007

**DASY4 Configuration:**

- Probe: AM1DV2 - 1045; ; Calibrated: 9/26/2006
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn527; Calibrated: 9/19/2006
- Phantom: HAC Test Arch with Coil; Type: SD HAC P01 BA; Serial: 100x
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

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

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

**Cursor:**

ABM1 = -5.96996 dB A/m  
 BWC Factor = -0.204999 dB  
 Location: -7.4, -14.2, 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 = -6.52769 dB A/m  
 BWC Factor = -0.204999 dB  
 Location: 5, -15, 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 = -52.7785 dB A/m  
 Location: 5, -15, 363.7 mm

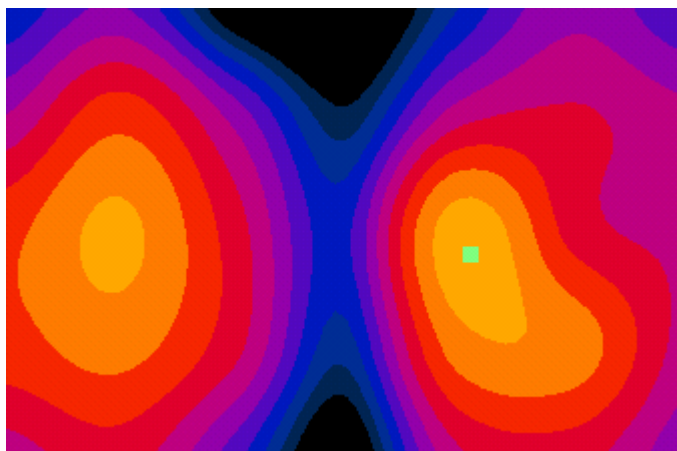
**Point meas,TCoil on CH1175/x (longitudinal) at max x/ABM SNR(x,y,z) (1x1x1):**

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

**Cursor:**

ABM1/ABM2 = 46.2509 dB  
 BWC Factor = -0.204999 dB  
 Location: 5, -15, 363.7 mm

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



0 dB = 1.00A/m

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

**Equipment Setting:**

**DUT: E1000; Type: Cellular Phone ; Serial Number: 1359;**  
 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

Date: 5/7/2007

**DASY4 Configuration:**

- Probe: AM1DV2 - 1045; ; Calibrated: 9/26/2006
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn527; Calibrated: 9/19/2006
- Phantom: HAC Test Arch with Coil; Type: SD HAC P01 BA; Serial: 100x
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

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

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

**Cursor:**

ABM1 = -5.57787 dB A/m  
 BWC Factor = -0.204999 dB  
 Location: -1.4, -19.8, 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 = -5.95843 dB A/m  
 BWC Factor = -0.204999 dB  
 Location: -3, -19, 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 = -51.1928 dB A/m  
 Location: -3, -19, 363.7 mm

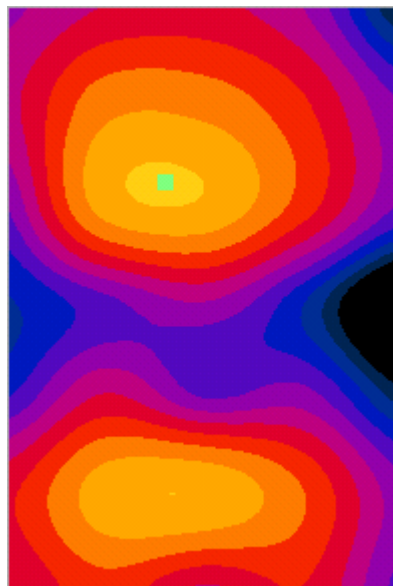
**Point meas, TCoil on CH1175/y (transversal) at max y/ABM SNR(x,y,z) (1x1x1):**

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

**Cursor:**

ABM1/ABM2 = 45.2344 dB  
 BWC Factor = -0.204999 dB  
 Location: -3, -19, 363.7 mm

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



0 dB = 1.00A/m