

**APPENDIX D**

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

**Equipment Setting:**

**DUT: K33B-01; Type: Cellular Phone ; Serial Number: 2035;**  
 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: 01/30/2008**

**DASY4 Configuration:**

- Probe: AM1DV2 - 1045; ; Calibrated: 9/19/2007
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn494; Calibrated: 3/14/2007
- 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 = -5.98348 dB A/m  
 BWC Factor = -0.200998 dB  
 Location: 5, -4, 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 = -5.39502 dB A/m  
 BWC Factor = -0.200998 dB  
 Location: 1.4, -3, 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 = -5.27373 dB A/m  
 BWC Factor = -0.200998 dB  
 Location: 1, -1, 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 = -49.6461 dB A/m  
 Location: 1, -1, 363.7 mm

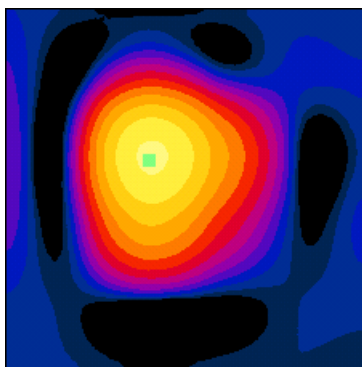
**Point meas, TCoil on CH1013/z (axial) at max z/ABM SNR(x,y,z) (1x1x1):**

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

**Cursor:**

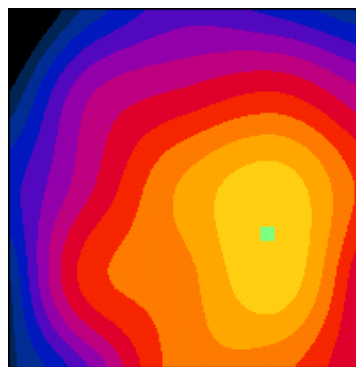
ABM1/ABM2 = 44.3724 dB  
 BWC Factor = -0.200998 dB  
 Location: 1, -1, 363.7 mm

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



0 dB = 1.00A/m

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



0 dB = 1.00A/m

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

**Equipment Setting:**

**DUT: K33B-01; Type: Cellular Phone ; Serial Number: 2035;**  
 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: 01/30/2008**

**DASY4 Configuration:**

- Probe: AM1DV2 - 1045; ; Calibrated: 9/19/2007
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn494; Calibrated: 3/14/2007
- 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 = -12.1891 dB A/m  
 BWC Factor = -0.200998 dB  
 Location: 9.4, -1, 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 = -12.1083 dB A/m  
 BWC Factor = -0.200998 dB  
 Location: 9, -1, 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 = -56.5418 dB A/m  
 Location: 9, -1, 363.7 mm

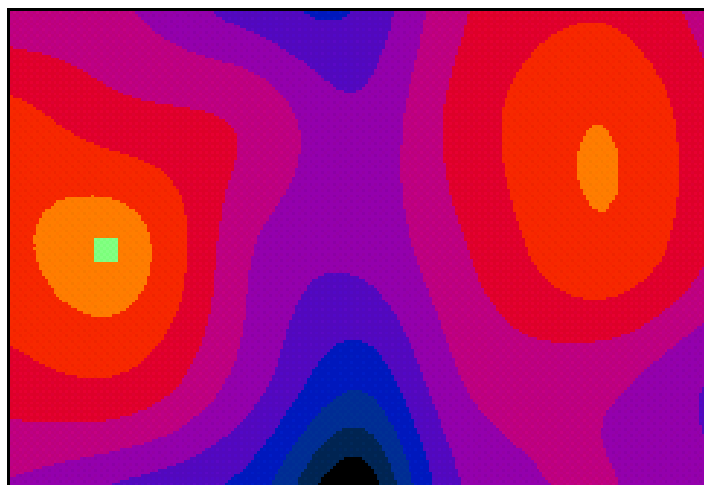
**Point meas,TCoil on CH1013/x (longitudinal) at max x/ABM SNR(x,y,z) (1x1x1):**

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

**Cursor:**

ABM1/ABM2 = 44.4335 dB  
 BWC Factor = -0.200998 dB  
 Location: 9, -1, 363.7 mm

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



0 dB = 1.00A/m

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

**Equipment Setting:**

**DUT: K33B-01; Type: Cellular Phone ; Serial Number: 2035;**  
 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: 01/30/2008**

**DASY4 Configuration:**

- Probe: AM1DV2 - 1045; ; Calibrated: 9/19/2007
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn494; Calibrated: 3/14/2007
- 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 = -12.8051 dB A/m  
 BWC Factor = -0.200998 dB  
 Location: 5, -9.4, 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 = -13.2572 dB A/m  
 BWC Factor = -0.200998 dB  
 Location: 5, -9, 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 = -59.0314 dB A/m  
 Location: 5, -9, 363.7 mm

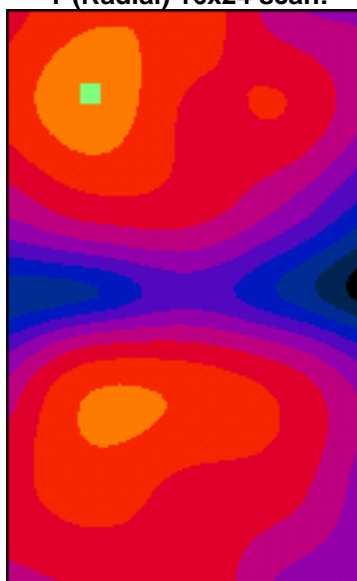
**Point meas,TCoil on CH1013/y (transversal) at max y/ABM SNR(x,y,z) (1x1x1):**

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

**Cursor:**

ABM1/ABM2 = 45.7742 dB  
 BWC Factor = -0.200998 dB  
 Location: 5, -9, 363.7 mm

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



0 dB = 1.00A/m

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

**Equipment Setting:**

**DUT: K33B-01; Type: Cellular Phone ; Serial Number: 2035;**  
 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: 01/30/2008**

**DASY4 Configuration:**

- Probe: AM1DV2 - 1045; ; Calibrated: 9/19/2007
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn494; Calibrated: 3/14/2007
- 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 B

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

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

**Cursor:**

ABM1 = -8.5886 dB A/m  
 BWC Factor = -0.200998 dB  
 Location: 4, -4, 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 = -4.89956 dB A/m  
 BWC Factor = -0.200998 dB  
 Location: 4.6, -2.6, 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 = -5.64949 dB A/m  
 BWC Factor = -0.200998 dB  
 Location: 5, -1, 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 = -47.9599 dB A/m  
 Location: 5, -1, 363.7 mm

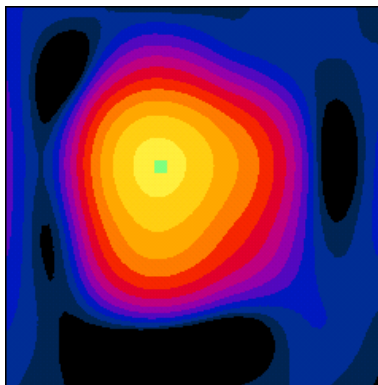
**Point meas,TCoil on CH383/z (axial) at max z/ABM SNR(x,y,z) (1x1x1):**

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

**Cursor:**

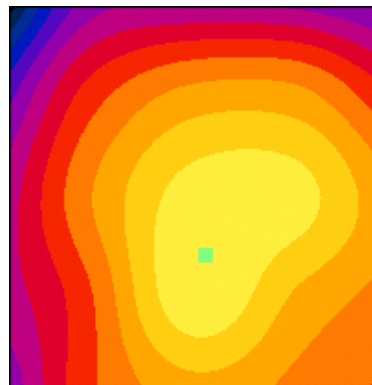
ABM1/ABM2 = 42.3104 dB  
 BWC Factor = -0.200998 dB  
 Location: 5, -1, 363.7 mm

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



0 dB = 1.00A/m

**Z (axial) 16x16scan:**



0 dB = 1.00A/m

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

**Equipment Setting:**

**DUT: K33B-01; Type: Cellular Phone ; Serial Number: 2035;**  
 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: 01/30/2008**

**DASY4 Configuration:**

- Probe: AM1DV2 - 1045; ; Calibrated: 9/19/2007
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn494; Calibrated: 3/14/2007
- 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 B

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

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

**Cursor:**

ABM1 = -12.4996 dB A/m  
 BWC Factor = -0.200998 dB  
 Location: -3.8, -4.6, 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 = -13.2599 dB A/m  
 BWC Factor = -0.200998 dB  
 Location: -7, -5, 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 = -56.7632 dB A/m  
 Location: -7, -5, 363.7 mm

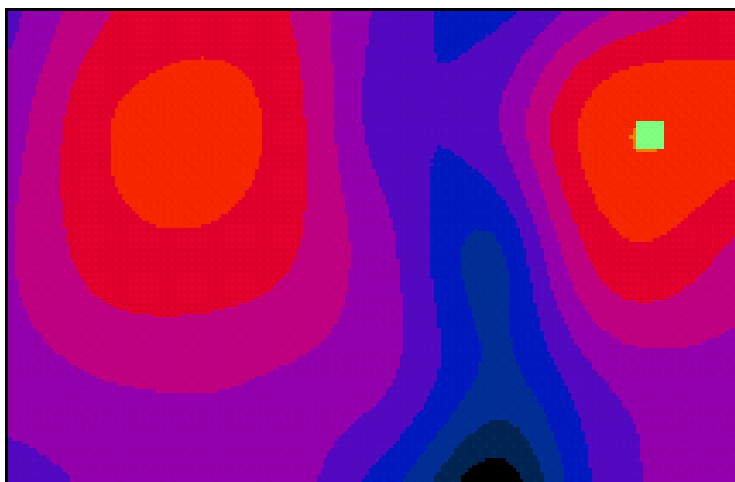
**Point meas,TCoil on CH383/x (longitudinal) at max x/ABM SNR(x,y,z) (1x1x1):**

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

**Cursor:**

ABM1/ABM2 = 43.5032 dB  
 BWC Factor = -0.200998 dB  
 Location: -7, -5, 363.7 mm

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



0 dB = 1.00A/m

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

**Equipment Setting:**

**DUT: K33B-01; Type: Cellular Phone ; Serial Number: 2035;**  
 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: 01/30/2008**

**DASY4 Configuration:**

- Probe: AM1DV2 - 1045; ; Calibrated: 9/19/2007
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn494; Calibrated: 3/14/2007
- 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 B

**Scans CH383/y (transversal) 16 x 24/ABM**

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

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

**Cursor:**

ABM1 = -13.5303 dB A/m  
 BWC Factor = -0.200998 dB  
 Location: 2.2, -9, 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 = -13.4665 dB A/m  
 BWC Factor = -0.200998 dB  
 Location: 1, -9, 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 = -58.9151 dB A/m  
 Location: 1, -9, 363.7 mm

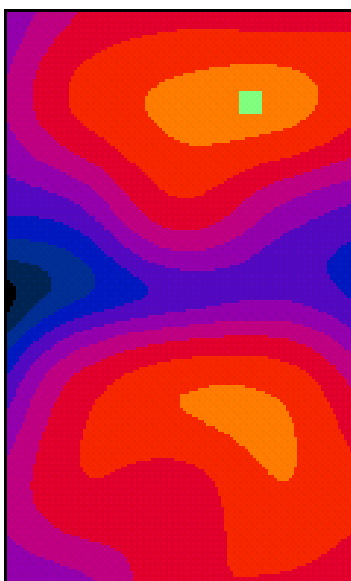
**Point meas,TCoil on CH383/y (transversal) at max y/ABM SNR(x,y,z) (1x1x1):**

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

**Cursor:**

ABM1/ABM2 = 45.4485 dB  
 BWC Factor = -0.200998 dB  
 Location: 1, -9, 363.7 mm

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



0 dB = 1.00A/m

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

**Equipment Setting:**

**DUT: K33B-01; Type: Cellular Phone ; Serial Number: 2035;**  
 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: 01/30/2008**

**DASY4 Configuration:**

- Probe: AM1DV2 - 1045; ; Calibrated: 9/19/2007
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn494; Calibrated: 3/14/2007
- 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 = -5.745 dB A/m  
 BWC Factor = -0.200998 dB  
 Location: 5, -4, 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 = -4.92858 dB A/m  
 BWC Factor = -0.200998 dB  
 Location: 3.8, -2.6, 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 = -5.36442 dB A/m  
 BWC Factor = -0.200998 dB  
 Location: 5, -1, 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 = -45.0742 dB A/m  
 Location: 5, -1, 363.7 mm

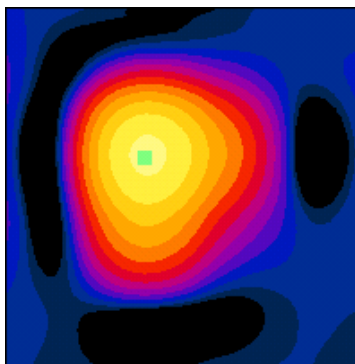
**Point meas,TCoil on CH777/z (axial) at max z/ABM SNR(x,y,z) (1x1x1):**

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

**Cursor:**

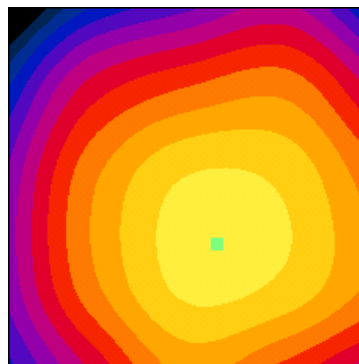
ABM1/ABM2 = 39.7097 dB  
 BWC Factor = -0.200998 dB  
 Location: 5, -1, 363.7 mm

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



0 dB = 1.00A/m

**Z (axial) 16x16scan:**



0 dB = 1.00A/m

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

**Equipment Setting:**

**DUT: K33B-01; Type: Cellular Phone ; Serial Number: 2035;**  
 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: 01/30/2008**

**DASY4 Configuration:**

- Probe: AM1DV2 - 1045; ; Calibrated: 9/19/2007
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn494; Calibrated: 3/14/2007
- 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 = -12.5659 dB A/m  
 BWC Factor = -0.200998 dB  
 Location: 9.4, -2.2, 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 = -13.3596 dB A/m  
 BWC Factor = -0.200998 dB  
 Location: -7, -5, 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 = -56.2102 dB A/m  
 Location: -7, -5, 363.7 mm

**Point meas,TCoil on CH777/x (longitudinal) at max**

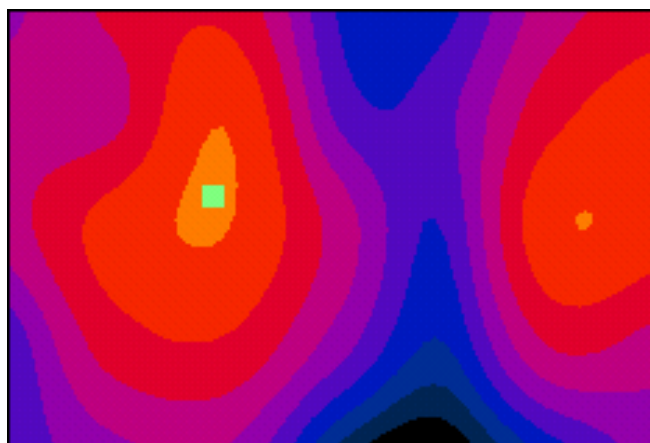
**x/ABM SNR(x,y,z) (1x1x1):**

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

**Cursor:**

ABM1/ABM2 = 42.8506 dB  
 BWC Factor = -0.200998 dB  
 Location: -7, -5, 363.7 mm

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



0 dB = 1.00A/m



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

**Equipment Setting:**

**DUT:K33B-01; Type: Cellular Phone ; Serial Number: 2035;**  
 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: 01/30/2008**

**DASY4 Configuration:**

- Probe: AM1DV2 - 1045; ; Calibrated: 9/19/2007
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn494; Calibrated: 3/14/2007
- 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 = -13.0695 dB A/m  
 BWC Factor = -0.200998 dB  
 Location: 3.8, -9.4, 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 = -13.4188 dB A/m  
 BWC Factor = -0.200998 dB  
 Location: 5, -9, 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 = -58.8768 dB A/m  
 Location: 5, -9, 363.7 mm

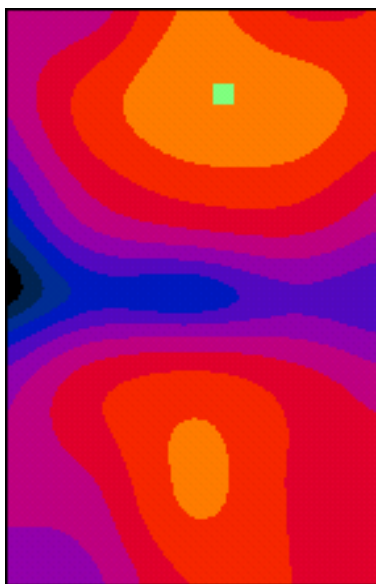
**Point meas,TCoil on CH777/y (transversal) at max y/ABM SNR(x,y,z) (1x1x1):**

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

**Cursor:**

ABM1/ABM2 = 45.458 dB  
 BWC Factor = -0.200998 dB  
 Location: 5, -9, 363.7 mm

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



0 dB = 1.00A/m

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

**Equipment Setting:**

**DUT: K33B-01; Type: Cellular Phone ; Serial Number: 2035;**  
 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: 01/29/2008**

**DASY4 Configuration:**

- Probe: AM1DV2 - 1045; ; Calibrated: 9/19/2007
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn494; Calibrated: 3/14/2007
- 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 = -5.95069 dB A/m  
 BWC Factor = -0.200002 dB  
 Location: 4, -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 = -3.69566 dB A/m  
 BWC Factor = -0.200002 dB  
 Location: 3.4, -3.8, 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 = -4.96895 dB A/m  
 BWC Factor = -0.200002 dB  
 Location: 1, -5, 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 = -50.1642 dB A/m  
 Location: 1, -5, 363.7 mm

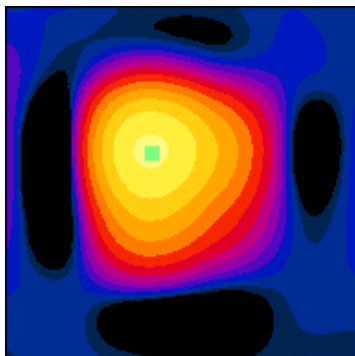
**Point meas, TCoil on CH25/z (axial) at max z/ABM SNR(x,y,z) (1x1x1):**

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

**Cursor:**

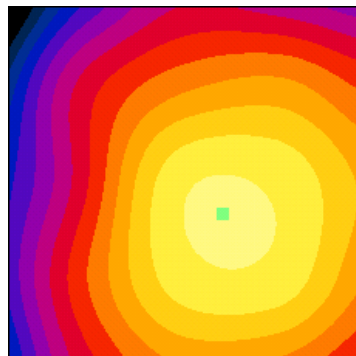
ABM1/ABM2 = 45.1953 dB  
 BWC Factor = -0.200002 dB  
 Location: 1, -5, 363.7 mm

**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: K33B-01; Type: Cellular Phone ; Serial Number: 2035;**  
 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: 01/29/2008**

**DASY4 Configuration:**

- Probe: AM1DV2 - 1045; ; Calibrated: 9/19/2007
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn494; Calibrated: 3/14/2007
- 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 = -12.7281 dB A/m  
 BWC Factor = -0.200002 dB  
 Location: -3.8, -1, 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 = -13.0061 dB A/m  
 BWC Factor = -0.200002 dB  
 Location: -3, -1, 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 = -56.6769 dB A/m  
 Location: -3, -1, 363.7 mm

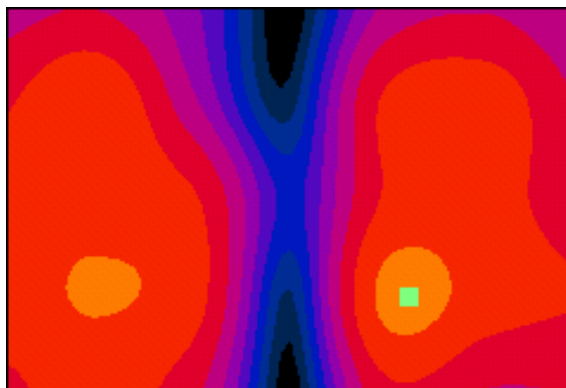
**Point meas, TCoil on CH25/x (longitudinal) at max x/ABM SNR(x,y,z) (1x1x1):**

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

**Cursor:**

ABM1/ABM2 = 43.6708 dB  
 BWC Factor = -0.200002 dB  
 Location: -3, -1, 363.7 mm

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



0 dB = 1.00A/m

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

**Equipment Setting:**

**DUT: K33B-01; Type: Cellular Phone ; Serial Number: 2035;**  
 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: 01/29/2008**

**DASY4 Configuration:**

- Probe: AM1DV2 - 1045; ; Calibrated: 9/19/2007
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn494; Calibrated: 3/14/2007
- 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 = -12.1316 dB A/m  
 BWC Factor = -0.200002 dB  
 Location: 2.2, -9.4, 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 = -13.4324 dB A/m  
 BWC Factor = -0.200002 dB  
 Location: 1, -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 = -59.2608 dB A/m  
 Location: 1, -9, 363.7 mm

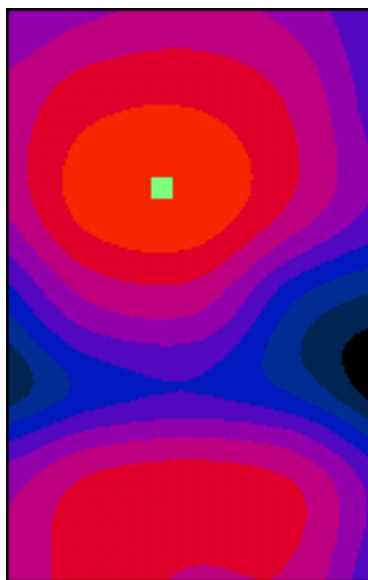
**Point meas, TCoil on CH25/y (transversal) at max y/ABM SNR(x,y,z) (1x1x1):**

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

**Cursor:**

ABM1/ABM2 = 45.8284 dB  
 BWC Factor = -0.200002 dB  
 Location: 1, -9, 363.7 mm

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



0 dB = 1.00A/m

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

**Equipment Setting:**

**DUT: K33B-01; Type: Cellular Phone ; Serial Number: 2035;**

**Date: 01/29/2008**

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: 9/19/2007

- Sensor-Surface: 0mm (Fix Surface)

- Electronics: DAE3 Sn494; Calibrated: 3/14/2007

- 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 = -6.04169 dB A/m

BWC Factor = -0.200002 dB

Location: 5, -4, 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 = -4.87106 dB A/m

BWC Factor = -0.200002 dB

Location: 4.2, -4.6, 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 = -8.1901 dB A/m

BWC Factor = -0.200002 dB

Location: 5, -5, 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 = -49.154 dB A/m

Location: 5, -5, 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

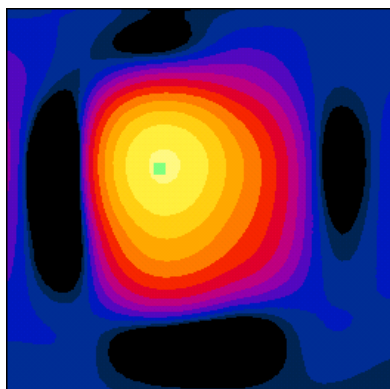
**Cursor:**

ABM1/ABM2 = 40.9639 dB

BWC Factor = -0.200002 dB

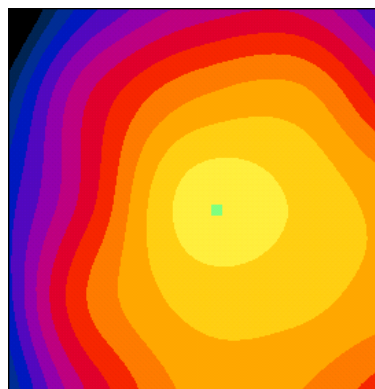
Location: 5, -5, 363.7 mm

**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**

**Equipment Setting:**

**DUT: K33B-01; Type: Cellular Phone ; Serial Number: 2035;**  
 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: 01/29/2008**

**DASY4 Configuration:**

- Probe: AM1DV2 - 1045; ; Calibrated: 9/19/2007
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn494; Calibrated: 3/14/2007
- 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 = -11.5003 dB A/m  
 BWC Factor = -0.200002 dB  
 Location: 8.6, -2.6, 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 = -12.0397 dB A/m  
 BWC Factor = -0.200002 dB  
 Location: 9, -1, 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 = -56.5452 dB A/m  
 Location: 9, -1, 363.7 mm

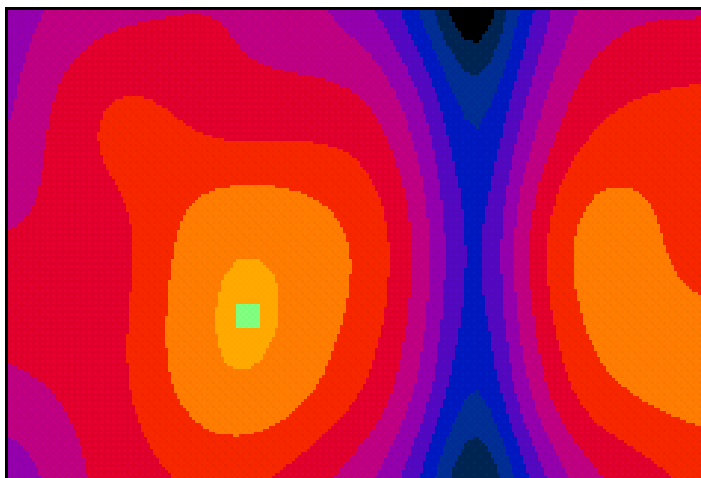
**Point meas, TCoil on CH600/x (longitudinal) at max x/ABM SNR(x,y,z) (1x1x1):**

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

**Cursor:**

ABM1/ABM2 = 44.5055 dB  
 BWC Factor = -0.200002 dB  
 Location: 9, -1, 363.7 mm

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



0 dB = 1.00A/m

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

**Equipment Setting:**

**DUT: K33B-01; Type: Cellular Phone ; Serial Number: 2035;**  
 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: 01/29/2008**

**DASY4 Configuration:**

- Probe: AM1DV2 - 1045; ; Calibrated: 9/19/2007
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn494; Calibrated: 3/14/2007
- 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 = -12.7409 dB A/m  
 BWC Factor = -0.200002 dB  
 Location: 1, -9, 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 = -13.3029 dB A/m  
 BWC Factor = -0.200002 dB  
 Location: 1, -9, 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 = -59.1769 dB A/m  
 Location: 1, -9, 363.7 mm

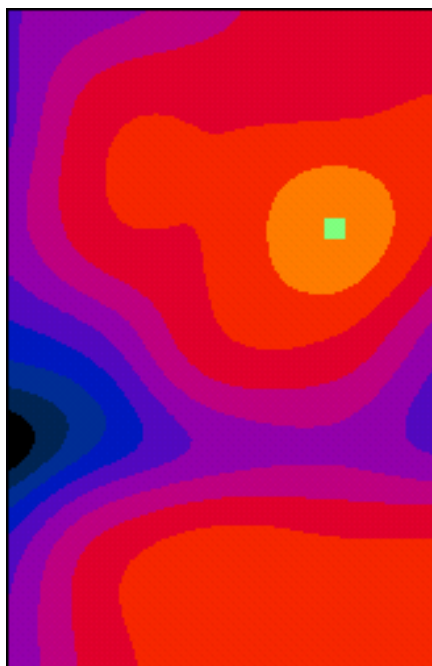
**Point meas, TCoil on CH600/y (transversal) at max y/ABM SNR(x,y,z) (1x1x1):**

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

**Cursor:**

ABM1/ABM2 = 45.874 dB  
 BWC Factor = -0.200002 dB  
 Location: 1, -9, 363.7 mm

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



0 dB = 1.00A/m

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

**Equipment Setting:**

**DUT: K33B-01; Type: Cellular Phone ; Serial Number: 2035;**  
 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: 01/29/2008**

**DASY4 Configuration:**

- Probe: AM1DV2 - 1045; ; Calibrated: 9/19/2007
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn494; Calibrated: 3/14/2007
- 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 = -6.48046 dB A/m  
 BWC Factor = -0.200998 dB  
 Location: 5, -5, 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 = -4.64685 dB A/m  
 BWC Factor = -0.200998 dB  
 Location: 4.6, -1, 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 = -5.47371 dB A/m  
 BWC Factor = -0.200998 dB  
 Location: 5, -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 = -50.5615 dB A/m  
 Location: 5, -1, 363.7 mm

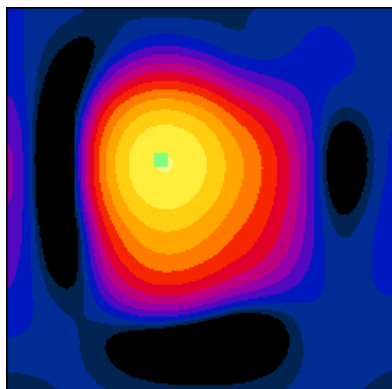
**Point meas, TCoil on CH1175/z (axial) at max z/ABM SNR(x,y,z) (1x1x1):**

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

**Cursor:**

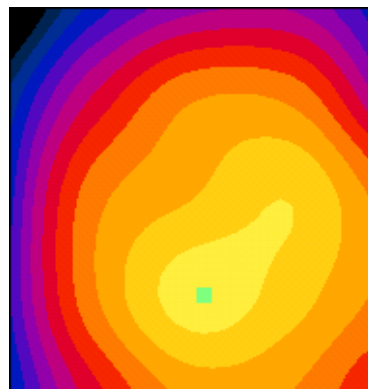
ABM1/ABM2 = 45.0878 dB  
 BWC Factor = -0.200998 dB  
 Location: 5, -1, 363.7 mm

**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 1175**

**Equipment Setting:**

**DUT: K33B-01; Type: Cellular Phone ; Serial Number: 2035;**  
 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: 01/29/2008**

**DASY4 Configuration:**

- Probe: AM1DV2 - 1045; ; Calibrated: 9/19/2007
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn494; Calibrated: 3/14/2007
- 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 = -11.7379 dB A/m  
 BWC Factor = -0.200998 dB  
 Location: 9.4, -3.4, 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 = -12.1534 dB A/m  
 BWC Factor = -0.200998 dB  
 Location: 9, -5, 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 = -56.6819 dB A/m  
 Location: 9, -5, 363.7 mm

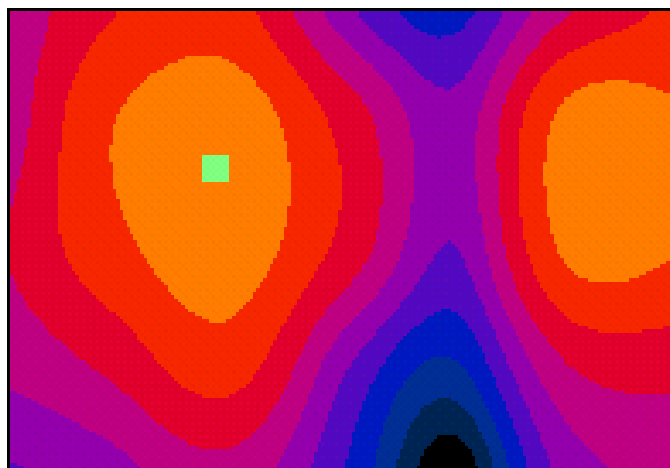
**Point meas, TCoil on CH1175/x (longitudinal) at max x/ABM SNR(x,y,z) (1x1x1):**

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

**Cursor:**

ABM1/ABM2 = 44.5285 dB  
 BWC Factor = -0.200998 dB  
 Location: 9, -5, 363.7 mm

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



0 dB = 1.00A/m

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

**Equipment Setting:**

**DUT: K33B-01; Type: Cellular Phone ; Serial Number: 2035;**  
 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: 01/29/2008**

**DASY4 Configuration:**

- Probe: AM1DV2 - 1045; ; Calibrated: 9/19/2007
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn494; Calibrated: 3/14/2007
- 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 = -12.0793 dB A/m  
 BWC Factor = -0.200998 dB  
 Location: 3.8, -9.4, 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 = -12.5649 dB A/m  
 BWC Factor = -0.200998 dB  
 Location: 5, -9, 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 = -58.2962 dB A/m  
 Location: 5, -9, 363.7 mm

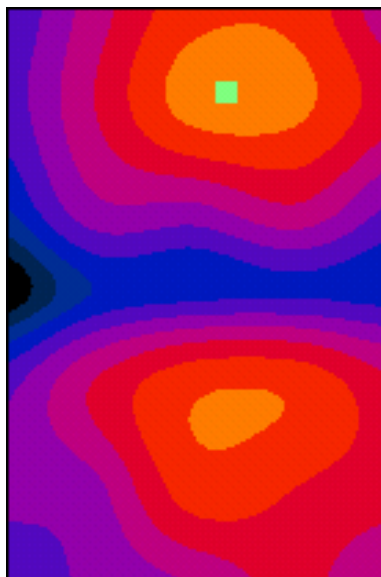
**Point meas,TCoil on CH1175/y (transversal) at max y/ABM SNR(x,y,z) (1x1x1):**

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

**Cursor:**

ABM1/ABM2 = 45.7313 dB  
 BWC Factor = -0.200998 dB  
 Location: 5, -9, 363.7 mm

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



0 dB = 1.00A/m