

APPENDIX D

Z (AXIAL) MEASUREMENT: CDMA 1900 Channel 25

Equipment Setting:

DUT: M1000; Type: Cellular Phone ; Serial Number: 1447; Date: 6/6/2007
 Communication System: CDMA; Frequency: 1850 MHz; Duty Cycle: 1:1
 Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 0$ kg/m³
 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 CH25/z (axial) rough 50 x 50/ABM Interpolated Signal(x,y,z) (51x51x1):

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

Cursor:

ABM1 = -3.36111 dB A/m
 BWC Factor = -0.204999 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 = 0.103978 dB A/m
 BWC Factor = -0.204999 dB
 Location: -1.4, 1.4, 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 = -0.763884 dB A/m
 BWC Factor = -0.204999 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 = -41.6844 dB A/m
 Location: -1, 1, 363.7 mm

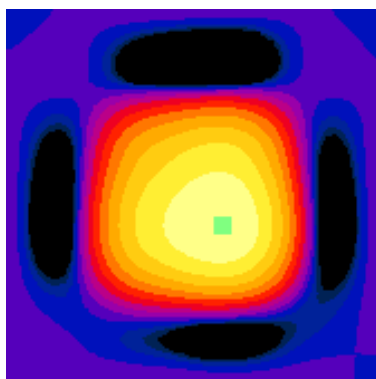
Point meas, TCoil on CH25/z (axial) at max z/ABM SNR(x,y,z) (1x1x1):

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

Cursor:

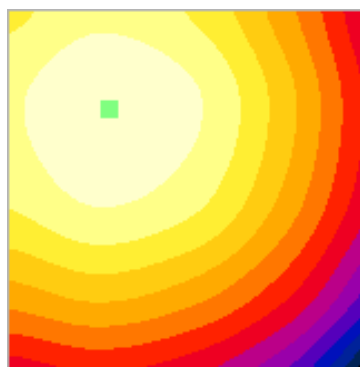
ABM1/ABM2 = 40.9205 dB
 BWC Factor = -0.204999 dB
 Location: -1, 1, 363.7 mm

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

Equipment Setting:

DUT: M1000; Type: Cellular Phone ; Serial Number: 1447;
 Communication System: CDMA; Frequency: 1850 MHz; Duty Cycle: 1:1
 Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 0$ kg/m³
 Phantom section: AMB with Coil Section

Date: 6/6/2007

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 = -8.69458 dB A/m
 BWC Factor = -0.204999 dB
 Location: -9, 1.4, 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 = -8.83613 dB A/m
 BWC Factor = -0.204999 dB
 Location: -9, 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 = -42.1329 dB A/m
 Location: -9, 1, 363.7 mm

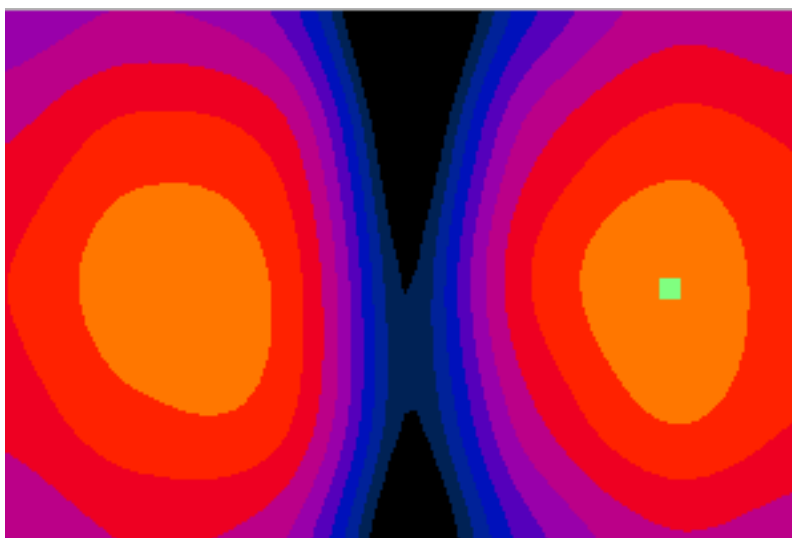
Point meas,TCoil on CH25/x (longitudinal) at max x/ABM SNR(x,y,z) (1x1x1):

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

Cursor:

ABM1/ABM2 = 33.2968 dB
 BWC Factor = -0.204999 dB
 Location: -9, 1, 363.7 mm

X (Radial) 24x16 scan:



0 dB = 1.00A/m

Y RADIAL MEASUREMENT: CDMA 1900 Channel 25

Equipment Setting:

DUT: M1000; Type: Cellular Phone ; Serial Number: 1447;
 Communication System: CDMA; Frequency: 1850 MHz; Duty Cycle: 1:1
 Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 0$ kg/m³
 Phantom section: AMB with Coil Section

Date: 6/6/2007

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 = -8.17463 dB A/m
 BWC Factor = -0.204999 dB
 Location: -1, -4.6, 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 = -8.99229 dB A/m
 BWC Factor = -0.204999 dB
 Location: -1, -3, 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 = -52.2529 dB A/m
 Location: -1, -3, 363.7 mm

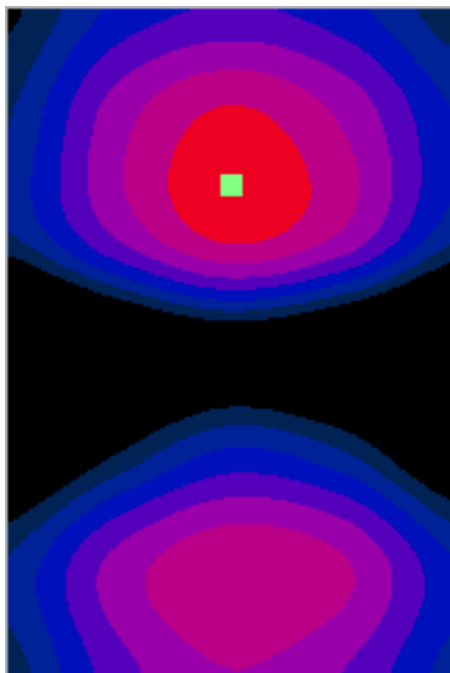
Point meas, TCoil on CH25/y (transversal) at max y/ABM SNR(x,y,z) (1x1x1):

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

Cursor:

ABM1/ABM2 = 43.2606 dB
 BWC Factor = -0.204999 dB
 Location: -1, -3, 363.7 mm

Y (Radial) 16x24 scan:



0 dB = 1.00A/m

Z (AXIAL) MEASUREMENT: CDMA 1900 Channel 600

Equipment Setting:

DUT: M1000; Type: Cellular Phone ; Serial Number: 1447; Date: 6/6/2007
 Communication System: CDMA; Frequency: 1880 MHz; Duty Cycle: 1:1
 Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 0$ kg/m³
 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/z (axial) rough 50 x 50/ABM Interpolated Signal(x,y,z) (51x51x1):

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

Cursor:

ABM1 = -4.96406 dB A/m
 BWC Factor = -0.204999 dB
 Location: -2, 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 = 0.0194383 dB A/m
 BWC Factor = -0.204999 dB
 Location: -1, 1.4, 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 = -0.775526 dB A/m
 BWC Factor = -0.204999 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 = -41.6205 dB A/m
 Location: -1, 1, 363.7 mm

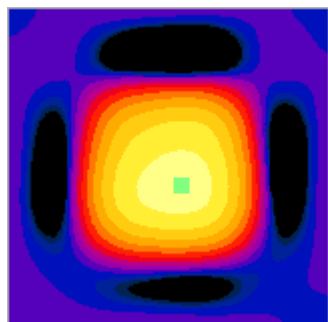
Point meas, TCoil on CH600/z (axial) at max z/ABM SNR(x,y,z) (1x1x1):

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

Cursor:

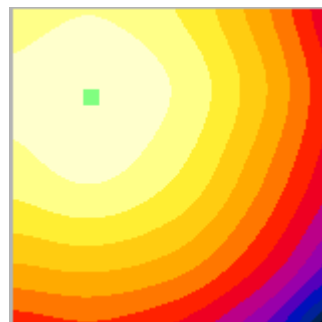
ABM1/ABM2 = 40.845 dB
 BWC Factor = -0.204999 dB
 Location: -1, 1, 363.7 mm

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 600

Equipment Setting:

DUT: M1000; Type: Cellular Phone ; Serial Number: 1447;
 Communication System: CDMA; Frequency: 1880 MHz; Duty Cycle: 1:1
 Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 0$ kg/m³
 Phantom section: AMB with Coil Section

Date: 6/6/2007

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 = -8.62153 dB A/m
 BWC Factor = -0.204999 dB
 Location: -8.6, 1.4, 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 = -9.24366 dB A/m
 BWC Factor = -0.204999 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 = -42.0262 dB A/m
 Location: -9, 1, 363.7 mm

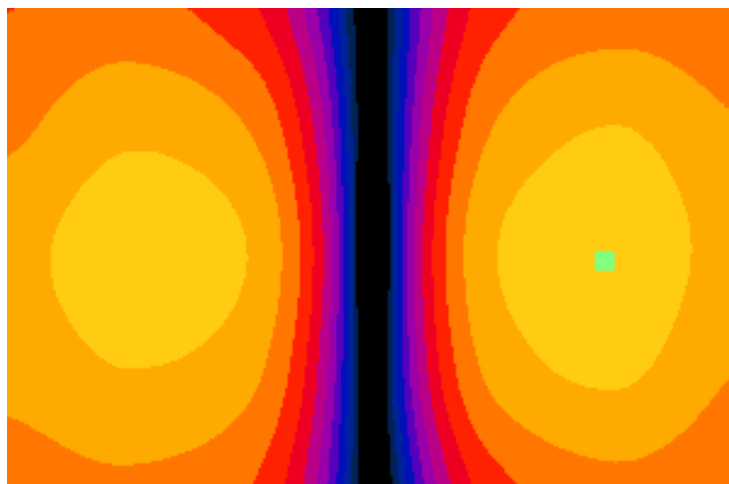
Point meas, TCoil on CH600/x (longitudinal) at max x/ABM SNR(x,y,z) (1x1x1):

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

Cursor:

ABM1/ABM2 = 32.7825 dB
 BWC Factor = -0.204999 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: M1000; Type: Cellular Phone ; Serial Number: 1447; Date: 6/6/2007

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

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

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 = -8.8909 dB A/m
 BWC Factor = -0.204999 dB
 Location: -0.6, -5.8, 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 = -8.89037 dB A/m
 BWC Factor = -0.204999 dB
 Location: -1, -3, 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 = -53.6057 dB A/m
 Location: -1, -3, 363.7 mm

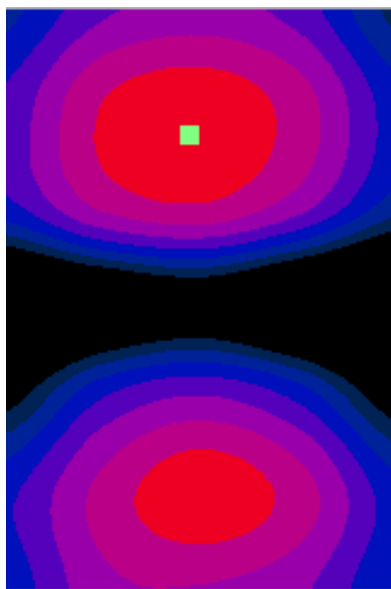
Point meas,TCoil on CH600/y (transversal) at max y/ABM SNR(x,y,z) (1x1x1):

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

Cursor:

ABM1/ABM2 = 44.7153 dB
 BWC Factor = -0.204999 dB
 Location: -1, -3, 363.7 mm

Y (Radial) 16x24 scan:



0 dB = 1.00A/m

Z (AXIAL) MEASUREMENT: CDMA 1900 Channel 1175

Equipment Setting:

DUT: M1000; Type: Cellular Phone ; Serial Number: 1447; Date: 6/6/2007
 Communication System: CDMA; Frequency: 1910 MHz; Duty Cycle: 1:1
 Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 0$ kg/m³
 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 CH1175/z (axial) rough 50 x 50/ABM Interpolated Signal(x,y,z) (51x51x1):

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

Cursor:

ABM1 = -3.06721 dB A/m
 BWC Factor = -0.204999 dB
 Location: -4, 4, 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 = -0.326919 dB A/m
 BWC Factor = -0.204999 dB
 Location: -1.4, 1.8, 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 = -4.05459 dB A/m
 BWC Factor = -0.204999 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 = -44.2699 dB A/m
 Location: -5, 1, 363.7 mm

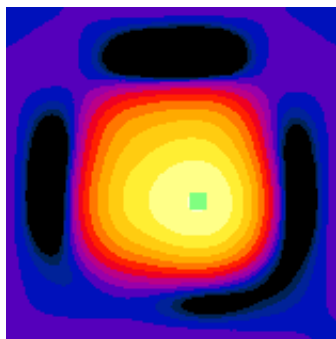
Point meas, TCoil on CH1175/z (axial) at max z/ABM SNR(x,y,z) (1x1x1):

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

Cursor:

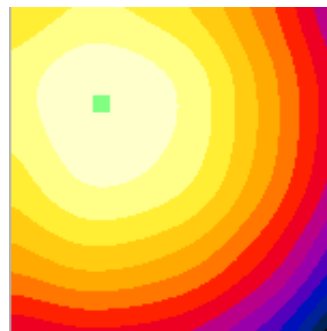
ABM1/ABM2 = 40.2153 dB
 BWC Factor = -0.204999 dB
 Location: -5, 1, 363.7 mm

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: M1000; Type: Cellular Phone ; Serial Number: 1447; Date: 6/6/2007

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

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

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 CH1175/x (longitudinal) 24 x 16/ABM

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

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

Cursor:

ABM1 = -8.70317 dB A/m

BWC Factor = -0.204999 dB

Location: -9.4, 1.4, 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 = -9.69747 dB A/m

BWC Factor = -0.204999 dB

Location: -9, 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 = -41.9217 dB A/m

Location: -9, 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

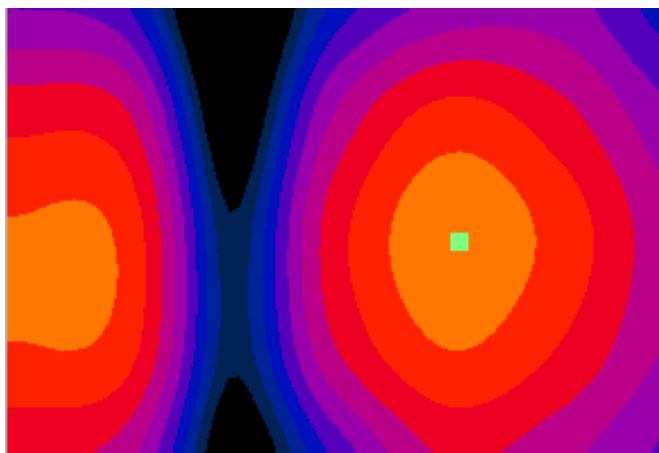
Cursor:

ABM1/ABM2 = 32.2242 dB

BWC Factor = -0.204999 dB

Location: -9, 1, 363.7 mm

X (Radial) 24x16 scan:



0 dB = 1.00A/m

Y RADIAL MEASUREMENT: CDMA 1900 Channel 1175

Equipment Setting:

DUT: M1000; Type: Cellular Phone ; Serial Number: 1447; Date: 6/6/2007
 Communication System: CDMA; Frequency: 1910 MHz; Duty Cycle: 1:1
 Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 0$ kg/m³

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 CH1175/y (transversal) 16 x 24/ABM

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

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

Cursor:

ABM1 = -8.50602 dB A/m
 BWC Factor = -0.204999 dB
 Location: -1.4, -4.2, 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 = -11.4299 dB A/m
 BWC Factor = -0.204999 dB
 Location: -5, -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 = -57.06 dB A/m
 Location: -5, -3, 363.7 mm

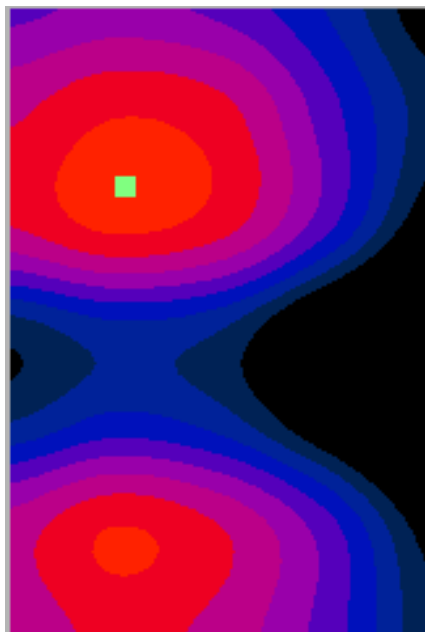
Point meas, TCoil on CH1175/y (transversal) at max y/ABM SNR(x,y,z) (1x1x1):

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

Cursor:

ABM1/ABM2 = 45.6301 dB
 BWC Factor = -0.204999 dB
 Location: -5, -3, 363.7 mm

Y (Radial) 16x24 scan:



0 dB = 1.00A/m