

Z (AXIAL) MEASUREMENT: CDMA 800 Channel 383 Closed Position

Date: 5/11/2009

DUT: K48; Type: Cellular Phone; Serial: #1010

Communication System: CDMA; Frequency: 836.49 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: 9/18/2008
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn530; Calibrated: 3/12/2009
- 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 CH383/z (axial) rough 50 x 50/ABM Interpolated SNR(x,y,z) (51x51x1):

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

Signal Type: Audio File (.wav) 48k_1.025kHz_10s.wav

Cursor:

ABM1/ABM2 = 41.3 dB

ABM1 comp = -11.1 dB A/m

BWC Factor = 0.0129323 dB

Location: 4, -4, 363.7 mm

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

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

Signal Type: Audio File (.wav) 48k_1.025kHz_10s.wav

Cursor:

ABM1/ABM2 = 46.8 dB

ABM1 comp = -6.44 dB A/m

BWC Factor = 0.0129323 dB

Location: 1, -0.6, 363.7 mm

Scans CH383/z (axial) at max z/ABM SNR(x,y,z) (1x1x1):

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

Signal Type: Audio File (.wav) 48k_1.025kHz_10s.wav

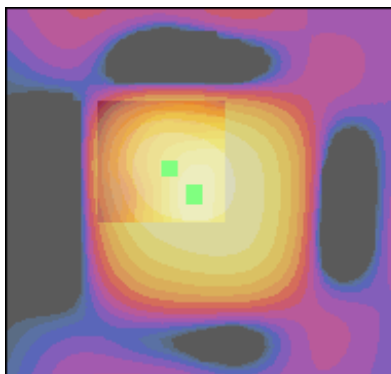
Cursor:

ABM1/ABM2 = 47.0 dB

ABM1 comp = -6.53 dB A/m

BWC Factor = 0.0129323 dB

Location: 1, -1, 363.7 mm



0 dB = 116.7

X (RADIAL) MEASUREMENT: CDMA 800 Channel 383 Closed Position

Date: 5/11/2009

DUT: K48 Phone Closed; Type: Cellular Phone; Serial: #1010

Communication System: CDMA; Frequency: 836.49 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: 9/18/2008
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn530; Calibrated: 3/12/2009
- 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 CH383/x (longitudinal) rough 50 x 50/ABM Interpolated SNR(x,y,z) (51x51x1):

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

Signal Type: Audio File (.wav) 48k_1.025kHz_10s.wav

Cursor:

ABM1/ABM2 = 26.2 dB

ABM1 comp = -23.8 dB A/m

BWC Factor = 0.0129323 dB

Location: -14, 1, 363.7 mm

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

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

Signal Type: Audio File (.wav) 48k_1.025kHz_10s.wav

Cursor:

ABM1/ABM2 = 30.9 dB

ABM1 comp = -15.6 dB A/m

BWC Factor = 0.0129323 dB

Location: -8.6, -3, 363.7 mm

Scans CH383/x (longitudinal) at max x/ABM SNR(x,y,z) (1x1x1):

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

Signal Type: Audio File (.wav) 48k_1.025kHz_10s.wav

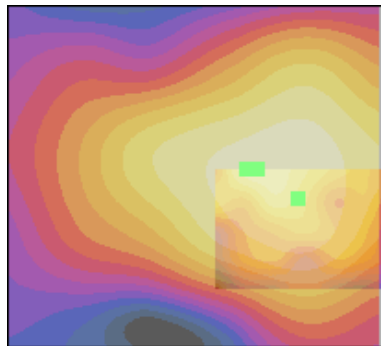
Cursor:

ABM1/ABM2 = 30.4 dB

ABM1 comp = -15.5 dB A/m

BWC Factor = 0.0129323 dB

Location: -7, -3, 363.7 mm



0 dB = 20.3

Y (RADIAL) MEASUREMENT: CDMA 800 Channel 383 Closed Position

Date: 5/11/2009

DUT: K48 Phone Closed; Type: Cellular Phone; Serial: #1010

Communication System: CDMA; Frequency: 836.49 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: 9/18/2008
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn530; Calibrated: 3/12/2009
- 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 CH383/y (transversal) rough 50 x 50/ABM Interpolated SNR(x,y,z) (51x51x1):

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

Signal Type: Audio File (.wav) 48k_1.025kHz_10s.wav

Cursor:

ABM1/ABM2 = 38.7 dB

ABM1 comp = -17.4 dB A/m

BWC Factor = 0.0129323 dB

Location: -4, 3, 363.7 mm

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

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

Signal Type: Audio File (.wav) 48k_1.025kHz_10s.wav

Cursor:

ABM1/ABM2 = 38.7 dB

ABM1 comp = -15.0 dB A/m

BWC Factor = 0.0129323 dB

Location: -1.4, -7, 363.7 mm

Scans CH383/y (transversal) at max y/ABM SNR(x,y,z) (1x1x1):

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

Signal Type: Audio File (.wav) 48k_1.025kHz_10s.wav

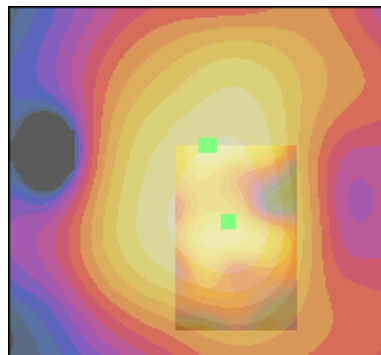
Cursor:

ABM1/ABM2 = 39.1 dB

ABM1 comp = -14.2 dB A/m

BWC Factor = 0.0129323 dB

Location: -1, -7, 363.7 mm



0 dB = 86.2

Z (AXIAL) MEASUREMENT: CDMA 1700 Channel 450 Closed Position

Date: 5/11/2009

DUT: K48 Phone Closed; Type: Cellular Phone; Serial: #1010

Communication System: AWS-1700; Frequency: 1732.5 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: 9/18/2008
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn530; Calibrated: 3/12/2009
- 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 CH450/z (axial) rough 50 x 50/ABM Interpolated SNR(x,y,z) (51x51x1):

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

Signal Type: Audio File (.wav) 48k_1.025kHz_10s.wav

Cursor:

ABM1/ABM2 = 42.2 dB

ABM1 comp = -14.2 dB A/m

BWC Factor = 0.0130191 dB

Location: -4, -4, 363.7 mm

Scans CH450/z (axial) 16 x 16/ABM Interpolated SNR(x,y,z) (41x41x1):

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

Signal Type: Audio File (.wav) 48k_1.025kHz_10s.wav

Cursor:

ABM1/ABM2 = 47.9 dB

ABM1 comp = -8.29 dB A/m

BWC Factor = 0.0130191 dB

Location: -1, -1, 363.7 mm

Scans CH450/z (axial) at max z/ABM SNR(x,y,z) (1x1x1):

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

Signal Type: Audio File (.wav) 48k_1.025kHz_10s.wav

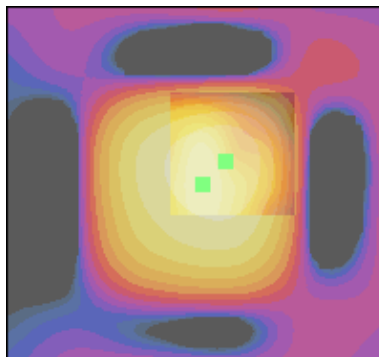
Cursor:

ABM1/ABM2 = 45.8 dB

ABM1 comp = -10.0 dB A/m

BWC Factor = 0.0130191 dB

Location: -1, -1, 363.7 mm



0 dB = 129.3

X (RADIAL) MEASUREMENT: CDMA 1700 Channel 450 Closed Position

Date: 5/11/2009

DUT: K48 Phone Closed; Type: Cellular Phone; Serial: #1010

Communication System: AWS-1700; Frequency: 1732.5 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: 9/18/2008
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn530; Calibrated: 3/12/2009
- 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 CH450/x (longitudinal) rough 50 x 50/ABM Interpolated SNR(x,y,z) (51x51x1):

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

Signal Type: Audio File (.wav) 48k_1.025kHz_10s.wav

Cursor:

ABM1/ABM2 = 32.2 dB

ABM1 comp = -15.7 dB A/m

BWC Factor = 0.0130191 dB

Location: -6, -4, 363.7 mm

Scans CH450/x (longitudinal) 24 x 16/ABM Interpolated SNR(x,y,z) (61x41x1):

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

Signal Type: Audio File (.wav) 48k_1.025kHz_10s.wav

Cursor:

ABM1/ABM2 = 32.6 dB

ABM1 comp = -14.7 dB A/m

BWC Factor = 0.0130191 dB

Location: -5.4, -1.4, 363.7 mm

Scans CH450/x (longitudinal) at max x/ABM SNR(x,y,z) (1x1x1):

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

Signal Type: Audio File (.wav) 48k_1.025kHz_10s.wav

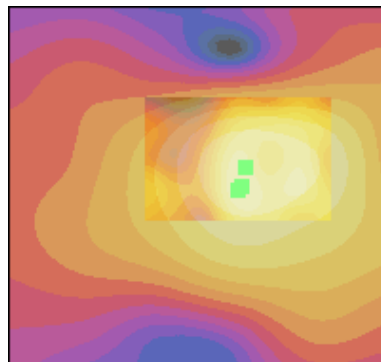
Cursor:

ABM1/ABM2 = 32.4 dB

ABM1 comp = -14.8 dB A/m

BWC Factor = 0.0130191 dB

Location: -5, -1, 363.7 mm



0 dB = 40.8

Y (RADIAL) MEASUREMENT: CDMA 1700 Channel 450 Closed Position

Date: 5/11/2009

DUT: K48 Phone Closed; Type: Cellular Phone; Serial: #1010

Communication System: AWS-1700; Frequency: 1732.5 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: 9/18/2008
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn530; Calibrated: 3/12/2009
- 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 CH450/y (transversal) rough 50 x 50/ABM Interpolated SNR(x,y,z) (51x51x1):

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

Signal Type: Audio File (.wav) 48k_1.025kHz_10s.wav

Cursor:

ABM1/ABM2 = 38.6 dB

ABM1 comp = -17.5 dB A/m

BWC Factor = 0.0130191 dB

Location: -2, -4, 363.7 mm

Scans CH450/y (transversal) 16 x 24/ABM Interpolated SNR(x,y,z) (41x61x1):

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

Signal Type: Audio File (.wav) 48k_1.025kHz_10s.wav

Cursor:

ABM1/ABM2 = 39.7 dB

ABM1 comp = -15.0 dB A/m

BWC Factor = 0.0130191 dB

Location: -2.2, -8.6, 363.7 mm

Scans CH450/y (transversal) at max y/ABM SNR(x,y,z) (1x1x1):

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

Signal Type: Audio File (.wav) 48k_1.025kHz_10s.wav

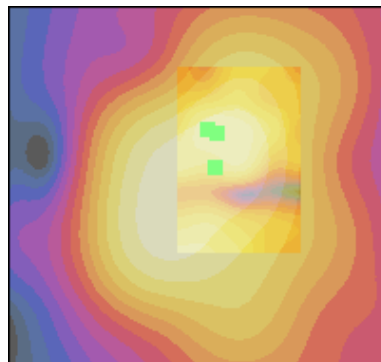
Cursor:

ABM1/ABM2 = 37.8 dB

ABM1 comp = -15.0 dB A/m

BWC Factor = 0.0130191 dB

Location: -1, -9, 363.7 mm



0 dB = 84.7

Z (AXIAL) MEASUREMENT: CDMA 1900 Channel 600 Closed Position

Date: 5/11/2009

DUT: K48 Phone Closed; Type: Cellular Phone; Serial: #1010

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: 9/18/2008
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn530; Calibrated: 3/12/2009
- 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 SNR(x,y,z) (51x51x1):

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

Signal Type: Audio File (.wav) 48k_1.025kHz_10s.wav

Cursor:

ABM1/ABM2 = 45.2 dB

ABM1 comp = -7.62 dB A/m

BWC Factor = 0.0131925 dB

Location: 1, -3, 363.7 mm

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

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

Signal Type: Audio File (.wav) 48k_1.025kHz_10s.wav

Cursor:

ABM1/ABM2 = 52.3 dB

ABM1 comp = -2.19 dB A/m

BWC Factor = 0.0131925 dB

Location: 0.6, -1.4, 363.7 mm

Scans CH600/z (axial) at max z/ABM SNR(x,y,z) (1x1x1):

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

Signal Type: Audio File (.wav) 48k_1.025kHz_10s.wav

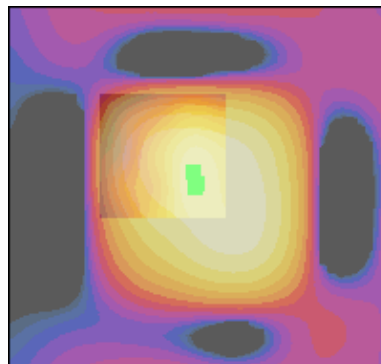
Cursor:

ABM1/ABM2 = 51.7 dB

ABM1 comp = -2.35 dB A/m

BWC Factor = 0.0131925 dB

Location: 1, -1, 363.7 mm



0 dB = 182.4

X (RADIAL) MEASUREMENT: CDMA 1900 Channel 600 Closed Position

Date: 5/11/2009

DUT: K48 Phone Closed; Type: Cellular Phone; Serial: #1010

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: 9/18/2008
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn530; Calibrated: 3/12/2009
- 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) rough 50 x 50/ABM Interpolated SNR(x,y,z) (51x51x1):

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

Signal Type: Audio File (.wav) 48k_1.025kHz_10s.wav

Cursor:

ABM1/ABM2 = 32.6 dB

ABM1 comp = -18.5 dB A/m

BWC Factor = 0.0131925 dB

Location: -14, -2, 363.7 mm

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

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

Signal Type: Audio File (.wav) 48k_1.025kHz_10s.wav

Cursor:

ABM1/ABM2 = 36.0 dB

ABM1 comp = -10.6 dB A/m

BWC Factor = 0.0131925 dB

Location: -7, -0.6, 363.7 mm

Scans CH600/x (longitudinal) at max x/ABM SNR(x,y,z) (1x1x1):

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

Signal Type: Audio File (.wav) 48k_1.025kHz_10s.wav

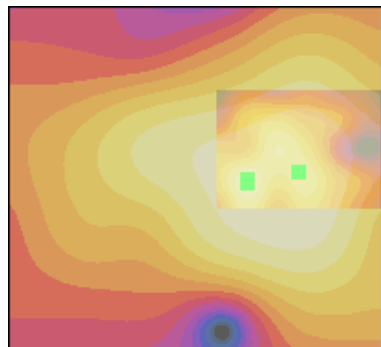
Cursor:

ABM1/ABM2 = 35.8 dB

ABM1 comp = -10.7 dB A/m

BWC Factor = 0.0131925 dB

Location: -7, -1, 363.7 mm



0 dB = 42.4

Y (RADIAL) MEASUREMENT: CDMA 1900 Channel 600 Closed Position

Date: 5/11/2009

DUT: K48 Phone Closed; Type: Cellular Phone; Serial: #1010

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: 9/18/2008
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn530; Calibrated: 3/12/2009
- 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) rough 50 x 50/ABM Interpolated SNR(x,y,z) (51x51x1):

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

Signal Type: Audio File (.wav) 48k_1.025kHz_10s.wav

Cursor:

ABM1/ABM2 = 43.1 dB

ABM1 comp = -13.7 dB A/m

BWC Factor = 0.0131925 dB

Location: -4, -5, 363.7 mm

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

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

Signal Type: Audio File (.wav) 48k_1.025kHz_10s.wav

Cursor:

ABM1/ABM2 = 44.0 dB

ABM1 comp = -12.5 dB A/m

BWC Factor = 0.0131925 dB

Location: -1.4, 3.4, 363.7 mm

Scans CH600/y (transversal) at max y/ABM SNR(x,y,z) (1x1x1):

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

Signal Type: Audio File (.wav) 48k_1.025kHz_10s.wav

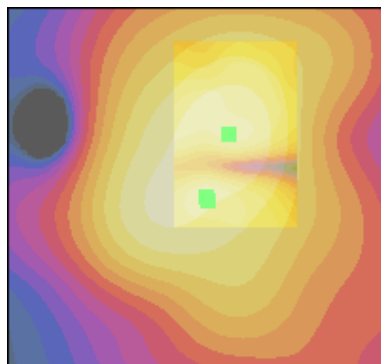
Cursor:

ABM1/ABM2 = 38.7 dB

ABM1 comp = -15.5 dB A/m

BWC Factor = 0.0131925 dB

Location: -1, 3, 363.7 mm



0 dB = 142.7

Z (AXIAL) MEASUREMENT: CDMA 800 Channel 383 Open Position

Date: 5/8/2009

DUT: K48 Phone Open; Type: Cellular Phone; Serial: #1010

Communication System: CDMA; Frequency: 836.49 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: 9/18/2008
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn530; Calibrated: 3/12/2009
- 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 CH383/z (axial) rough 50 x 50/ABM Interpolated SNR(x,y,z) (51x51x1):

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

Signal Type: Audio File (.wav) 48k_1.025kHz_10s.wav

Cursor:

ABM1/ABM2 = 45.6 dB

ABM1 comp = -7.27 dB A/m

BWC Factor = 0.0127589 dB

Location: 2, -4, 363.7 mm

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

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

Signal Type: Audio File (.wav) 48k_1.025kHz_10s.wav

Cursor:

ABM1/ABM2 = 49.9 dB

ABM1 comp = -2.59 dB A/m

BWC Factor = 0.0127589 dB

Location: 1, -0.6, 363.7 mm

Scans CH383/z (axial) at max z/ABM SNR(x,y,z) (1x1x1):

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

Signal Type: Audio File (.wav) 48k_1.025kHz_10s.wav

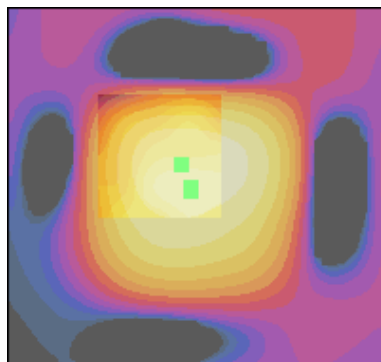
Cursor:

ABM1/ABM2 = 49.2 dB

ABM1 comp = -3.17 dB A/m

BWC Factor = 0.0127589 dB

Location: 1, -1, 363.7 mm



0 dB = 191.1

X (RADIAL) MEASUREMENT: CDMA 800 Channel 383 Open Position

Date: 5/8/2009

DUT: K48 Phone Open; Type: Cellular Phone; Serial: #1010

Communication System: CDMA; Frequency: 836.49 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: 9/18/2008
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn530; Calibrated: 3/12/2009
- 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 CH383/x (longitudinal) rough 50 x 50/ABM Interpolated SNR(x,y,z) (51x51x1):

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

Signal Type: Audio File (.wav) 48k_1.025kHz_10s.wav

Cursor:

ABM1/ABM2 = 38.7 dB

ABM1 comp = -14.1 dB A/m

BWC Factor = 0.0127589 dB

Location: -5, -4, 363.7 mm

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

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

Signal Type: Audio File (.wav) 48k_1.025kHz_10s.wav

Cursor:

ABM1/ABM2 = 40.7 dB

ABM1 comp = -11.7 dB A/m

BWC Factor = 0.0127589 dB

Location: -5.4, -2.6, 363.7 mm

Scans CH383/x (longitudinal) at max x/ABM SNR(x,y,z) (1x1x1):

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

Signal Type: Audio File (.wav) 48k_1.025kHz_10s.wav

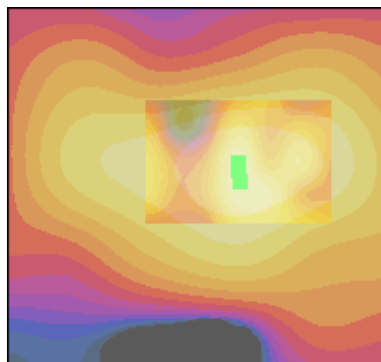
Cursor:

ABM1/ABM2 = 37.0 dB

ABM1 comp = -16.1 dB A/m

BWC Factor = 0.0127589 dB

Location: -5, -5, 363.7 mm



0 dB = 86.5

Y (RADIAL) MEASUREMENT: CDMA 800 Channel 383 Open Position

Date: 5/8/2009

DUT: K48 Phone Open; Type: Cellular Phone; Serial: #1010

Communication System: CDMA; Frequency: 836.49 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: 9/18/2008
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn530; Calibrated: 3/12/2009
- 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 CH383/y (transversal) rough 50 x 50/ABM Interpolated SNR(x,y,z) (51x51x1):

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

Signal Type: Audio File (.wav) 48k_1.025kHz_10s.wav

Cursor:

ABM1/ABM2 = 41.3 dB

ABM1 comp = -13.5 dB A/m

BWC Factor = 0.0127589 dB

Location: -1, -6, 363.7 mm

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

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

Signal Type: Audio File (.wav) 48k_1.025kHz_10s.wav

Cursor:

ABM1/ABM2 = 43.8 dB

ABM1 comp = -10.7 dB A/m

BWC Factor = 0.0127589 dB

Location: -0.6, -6.6, 363.7 mm

Scans CH383/y (transversal) at max y/ABM SNR(x,y,z) (1x1x1):

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

Signal Type: Audio File (.wav) 48k_1.025kHz_10s.wav

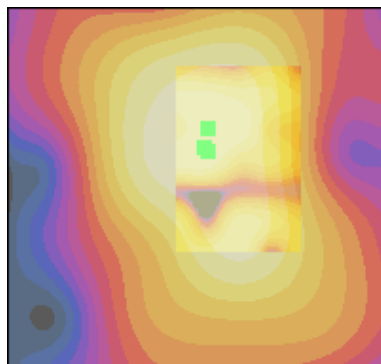
Cursor:

ABM1/ABM2 = 39.6 dB

ABM1 comp = -15.9 dB A/m

BWC Factor = 0.0127589 dB

Location: -1, -9, 363.7 mm



0 dB = 116.2

Z (AXIAL) MEASUREMENT: CDMA 1700 Channel 25 Open Position

Date: 5/12/2009

DUT: K48 Phone Open; Type: Cellular Phone; Serial: #1010

Communication System: AWS-1700; Frequency: 1711.25 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: 9/18/2008
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn530; Calibrated: 3/12/2009
- 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 SNR(x,y,z) (51x51x1):

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

Signal Type: Audio File (.wav) 48k_1.025kHz_10s.wav

Cursor:

ABM1/ABM2 = 45.9 dB

ABM1 comp = -7.26 dB A/m

BWC Factor = 0.00694593 dB

Location: 4, -4, 363.7 mm

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

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

Signal Type: Audio File (.wav) 48k_1.025kHz_10s.wav

Cursor:

ABM1/ABM2 = 48.3 dB

ABM1 comp = -4.77 dB A/m

BWC Factor = 0.00694593 dB

Location: -3, -1.4, 363.7 mm

Scans CH25/z (axial) at max z/ABM SNR(x,y,z) (1x1x1):

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

Signal Type: Audio File (.wav) 48k_1.025kHz_10s.wav

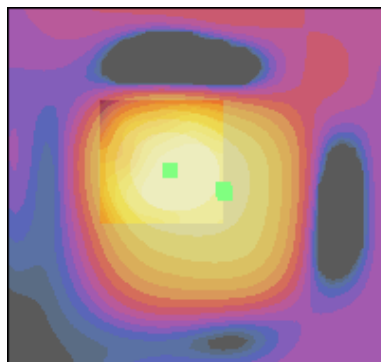
Cursor:

ABM1/ABM2 = 43.6 dB

ABM1 comp = -9.55 dB A/m

BWC Factor = 0.00694593 dB

Location: -3, -1, 363.7 mm



0 dB = 198.3

X (RADIAL) MEASUREMENT: CDMA 1700 Channel 25 Open Position

Date: 5/12/2009

DUT: K48 Phone Open; Type: Cellular Phone; Serial: #1010

Communication System: AWS-1700; Frequency: 1711.25 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: 9/18/2008
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn530; Calibrated: 3/12/2009
- 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) rough 50 x 50/ABM Interpolated SNR(x,y,z) (51x51x1):

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

Signal Type: Audio File (.wav) 48k_1.025kHz_10s.wav

Cursor:

ABM1/ABM2 = 40.8 dB

ABM1 comp = -12.4 dB A/m

BWC Factor = 0.00694593 dB

Location: -5, -5, 363.7 mm

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

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

Signal Type: Audio File (.wav) 48k_1.025kHz_10s.wav

Cursor:

ABM1/ABM2 = 42.0 dB

ABM1 comp = -11.7 dB A/m

BWC Factor = 0.00694593 dB

Location: -9, -3.4, 363.7 mm

Scans CH25/x (longitudinal) at max x/ABM SNR(x,y,z) (1x1x1):

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

Signal Type: Audio File (.wav) 48k_1.025kHz_10s.wav

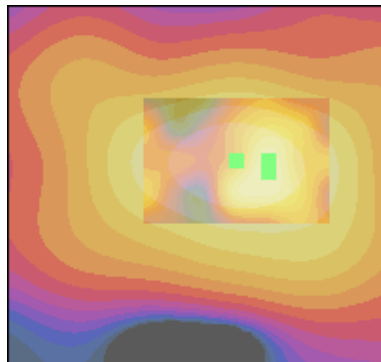
Cursor:

ABM1/ABM2 = 41.7 dB

ABM1 comp = -12.3 dB A/m

BWC Factor = 0.00694593 dB

Location: -9, -5, 363.7 mm



0 dB = 109.2

Y (RADIAL) MEASUREMENT: CDMA 1700 Channel 25 Open Position

Date: 5/12/2009

DUT: K48 Phone Open; Type: Cellular Phone; Serial: #1010

Communication System: AWS-1700; Frequency: 1711.25 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: 9/18/2008
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn530; Calibrated: 3/12/2009
- 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) rough 50 x 50/ABM Interpolated SNR(x,y,z) (51x51x1):

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

Signal Type: Audio File (.wav) 48k_1.025kHz_10s.wav

Cursor:

ABM1/ABM2 = 40.9 dB

ABM1 comp = -15.5 dB A/m

BWC Factor = 0.00694593 dB

Location: -4, -8, 363.7 mm

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

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

Signal Type: Audio File (.wav) 48k_1.025kHz_10s.wav

Cursor:

ABM1/ABM2 = 44.6 dB

ABM1 comp = -11.0 dB A/m

BWC Factor = 0.00694593 dB

Location: -1, -9, 363.7 mm

Scans CH25/y (transversal) at max y/ABM SNR(x,y,z) (1x1x1):

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

Signal Type: Audio File (.wav) 48k_1.025kHz_10s.wav

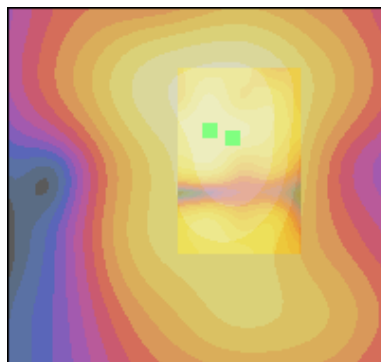
Cursor:

ABM1/ABM2 = 41.7 dB

ABM1 comp = -13.6 dB A/m

BWC Factor = 0.00694593 dB

Location: -1, -9, 363.7 mm



0 dB = 110.9

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

Date: 5/13/2009

DUT: K48 Phone Open; Type: Cellular Phone; Serial: #1010

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: 9/18/2008
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn530; Calibrated: 3/12/2009
- 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 SNR(x,y,z) (51x51x1):

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

Signal Type: Audio File (.wav) 48k_1.025kHz_10s.wav

Cursor:

ABM1/ABM2 = 47.2 dB

ABM1 comp = -9.30 dB A/m

BWC Factor = 0.011718 dB

Location: 4, 3, 363.7 mm

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

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

Signal Type: Audio File (.wav) 48k_1.025kHz_10s.wav

Cursor:

ABM1/ABM2 = 51.1 dB

ABM1 comp = -3.39 dB A/m

BWC Factor = 0.011718 dB

Location: 2.6, -3, 363.7 mm

Scans CH25/z (axial) at max z/ABM SNR(x,y,z) (1x1x1):

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

Signal Type: Audio File (.wav) 48k_1.025kHz_10s.wav

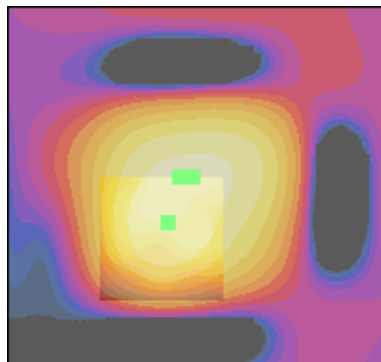
Cursor:

ABM1/ABM2 = 46.0 dB

ABM1 comp = -8.37 dB A/m

BWC Factor = 0.011718 dB

Location: 1, -3, 363.7 mm



0 dB = 228.2

X (RADIAL) MEASUREMENT: CDMA 1900 Channel 25 Open Position

Date: 5/13/2009

DUT: K48 Phone Open; Type: Cellular Phone; Serial: #1010

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: 9/18/2008
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn530; Calibrated: 3/12/2009
- 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) rough 50 x 50/ABM Interpolated SNR(x,y,z) (51x51x1):

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

Signal Type: Audio File (.wav) 48k_1.025kHz_10s.wav

Cursor:

ABM1/ABM2 = 42.3 dB

ABM1 comp = -11.9 dB A/m

BWC Factor = 0.011718 dB

Location: -5, -5, 363.7 mm

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

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

Signal Type: Audio File (.wav) 48k_1.025kHz_10s.wav

Cursor:

ABM1/ABM2 = 42.2 dB

ABM1 comp = -12.1 dB A/m

BWC Factor = 0.011718 dB

Location: -5.8, -5, 363.7 mm

Scans CH25/x (longitudinal) at max x/ABM SNR(x,y,z) (1x1x1):

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

Signal Type: Audio File (.wav) 48k_1.025kHz_10s.wav

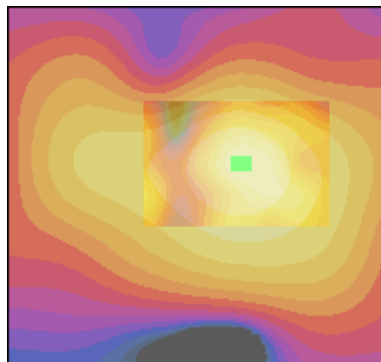
Cursor:

ABM1/ABM2 = 37.3 dB

ABM1 comp = -17.0 dB A/m

BWC Factor = 0.011718 dB

Location: -5, -5, 363.7 mm



0 dB = 130.8

Y (RADIAL) MEASUREMENT: CDMA 1900 Channel 25 Open Position

Date: 5/13/2009

DUT: K48 Phone Open; Type: Cellular Phone; Serial: #1010

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: 9/18/2008
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn530; Calibrated: 3/12/2009
- 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) rough 50 x 50/ABM Interpolated SNR(x,y,z) (51x51x1):

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

Signal Type: Audio File (.wav) 48k_1.025kHz_10s.wav

Cursor:

ABM1/ABM2 = 42.7 dB

ABM1 comp = -12.4 dB A/m

BWC Factor = 0.011718 dB

Location: 3, -5, 363.7 mm

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

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

Signal Type: Audio File (.wav) 48k_1.025kHz_10s.wav

Cursor:

ABM1/ABM2 = 46.0 dB

ABM1 comp = -10.6 dB A/m

BWC Factor = 0.011718 dB

Location: 0.6, -8.2, 363.7 mm

Scans CH25/y (transversal) at max y/ABM SNR(x,y,z) (1x1x1):

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

Signal Type: Audio File (.wav) 48k_1.025kHz_10s.wav

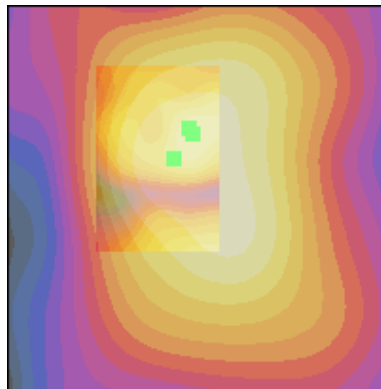
Cursor:

ABM1/ABM2 = 40.7 dB

ABM1 comp = -15.5 dB A/m

BWC Factor = 0.011718 dB

Location: 1, -9, 363.7 mm



0 dB = 136.3