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## Appendix D

### Contour Plots

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## GSM 850 128CH

DUT: P5000; Type: BAR; Serial: #1

Communication System: GSM 850; Frequency: 824.2 MHz; Duty Cycle: 1:8.3  
 Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1$  kg/m<sup>3</sup>  
 Phantom section: AMB with Coil Section  
 Measurement Standard: DAS4 (High Precision Assessment)

DASY4 Configuration:

- Probe: AM1DV2 – 1013; ; Calibrated: 2006-04-18
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn869; Calibrated: 2010-09-21
- Phantom: HAC Test Arch with Coil; Type: SD HAC P01 BA; Serial: 1018
- Measurement SW: DAS4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

**Point measurement/x (longitudinal) at max x/ABM Noise(x,y,z) (1x1x1):**

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

**Cursor:**

ABM2 = -30.9 dB A/m

Location: -8, 0.5, 363.7 mm

**Point measurement/x (longitudinal) at max x/ABM SNR(x,y,z) (1x1x1):**

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

**Cursor:**

ABM1/ABM2 = 27.1 dB

ABM1 comp = -3.84 dB A/m

BWC Factor = 0.151969 dB

Location: -8, 0.5, 363.7 mm

**Point measurement/x (longitudinal) at max x/ABM Signal(x,y,z) (1x1x1):**

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

**Cursor:**

ABM1 comp = -3.84 dB A/m

BWC Factor = 0.151969 dB

Location: -8, 0.5, 363.7 mm

**Point measurement/y (transversal) at max y/ABM Noise(x,y,z) (1x1x1):**

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

**Cursor:**

ABM2 = -35.8 dB A/m

Location: -0.5, 10, 363.7 mm

**Point measurement/y (transversal) at max y/ABM SNR(x,y,z) (1x1x1):**

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

**Cursor:**

ABM1/ABM2 = 30.8 dB

ABM1 comp = -5.03 dB A/m

BWC Factor = 0.151969 dB

Location: -0.5, 10, 363.7 mm

**Point measurement/y (transversal) at max y/ABM Signal(x,y,z) (1x1x1):**

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

**Cursor:**

ABM1 comp = -5.03 dB A/m

BWC Factor = 0.151969 dB

Location: -0.5, 10, 363.7 mm

**Scans/z (axial) 15 x 15/ABM Signal(x,y,z) (8x8x1):**

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

**Cursor:**

ABM1 comp = 3.28 dB A/m

BWC Factor = 0.151969 dB

Location: -0.5, 0.5, 363.7 mm

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**Point measurement/z (axial) 300–3k response at max/ABM Freq Resp(x,y,z,f) (1x1x1):**

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

**Cursor:**

Diff = 2.00 dB

BWC Factor = 10.8 dB

Location: 1.2, -1.2, 365 mm

**Point measurement/z (axial) at max z/ABM Noise(x,y,z) (1x1x1):**

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

**Cursor:**

ABM2 = -46.2 dB A/m

Location: -0.5, 0.5, 363.7 mm

**Point measurement/z (axial) at max z/ABM SNR(x,y,z) (1x1x1):**

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

**Cursor:**

ABM1/ABM2 = 50.0 dB

ABM1 comp = 3.85 dB A/m

BWC Factor = 0.151969 dB

Location: -0.5, 0.5, 363.7 mm

**Point measurement/z (axial) at max z/ABM Signal(x,y,z) (1x1x1):**

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

**Cursor:**

ABM1 comp = 3.85 dB A/m

BWC Factor = 0.151969 dB

Location: -0.5, 0.5, 363.7 mm

**Scans/z (axial) rough 50 x 50/ABM Signal(x,y,z) (11x11x1):**

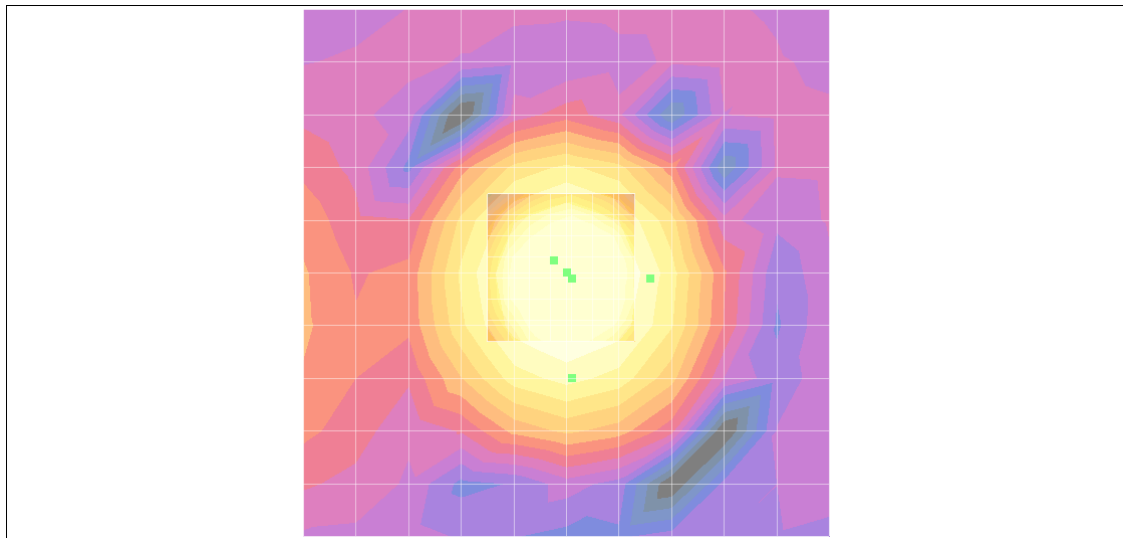
Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM1 comp = 2.98 dB A/m

BWC Factor = 0.151969 dB

Location: 0, 0, 363.7 mm



0 dB = 1.00A/m

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## GSM 850 190CH

**DUT: P5000; Type: BAR; Serial: #1**

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:8.3  
 Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1$  kg/m<sup>3</sup>  
 Phantom section: AMB with Coil Section  
 Measurement Standard: DASy4 (High Precision Assessment)

DASy4 Configuration:

- Probe: AM1DV2 - 1013; ; Calibrated: 2006-04-18
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn869; Calibrated: 2010-09-21
- Phantom: HAC Test Arch with Coil; Type: SD HAC P01 BA; Serial: 1018
- Measurement SW: DASy4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

**Point measurement/x (longitudinal) at max x/ABM Noise(x,y,z) (1x1x1):**

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

**Cursor:**

ABM2 = -30.7 dB A/m

Location: -8, 0.5, 363.7 mm

**Point measurement/x (longitudinal) at max x/ABM SNR(x,y,z) (1x1x1):**

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

**Cursor:**

ABM1/ABM2 = 27.1 dB

ABM1 comp = -3.58 dB A/m

BWC Factor = 0.152993 dB

Location: -8, 0.5, 363.7 mm

**Point measurement/x (longitudinal) at max x/ABM Signal(x,y,z) (1x1x1):**

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

**Cursor:**

ABM1 comp = -3.58 dB A/m

BWC Factor = 0.152993 dB

Location: -8, 0.5, 363.7 mm

**Point measurement/y (transversal) at max y/ABM Noise(x,y,z) (1x1x1):**

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

**Cursor:**

ABM2 = -39.4 dB A/m

Location: -0.5, -7, 363.7 mm

**Point measurement/y (transversal) at max y/ABM SNR(x,y,z) (1x1x1):**

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

**Cursor:**

ABM1/ABM2 = 34.9 dB

ABM1 comp = -4.44 dB A/m

BWC Factor = 0.152993 dB

Location: -0.5, -7, 363.7 mm

**Point measurement/y (transversal) at max y/ABM Signal(x,y,z) (1x1x1):**

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

**Cursor:**

ABM1 comp = -4.44 dB A/m

BWC Factor = 0.152993 dB

Location: -0.5, -7, 363.7 mm

**Scans/z (axial) 15 x 15/ABM Signal(x,y,z) (8x8x1):**

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

**Cursor:**

ABM1 comp = 3.50 dB A/m

BWC Factor = 0.151969 dB

Location: -0.5, 0.5, 363.7 mm

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**Point measurement/z (axial) 300–3k response at max/ABM Freq Resp(x,y,z,f) (1x1x1):**

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

**Cursor:**

Diff = 2.00 dB

BWC Factor = 10.8 dB

Location: 1.2, -1.2, 365 mm

**Point measurement/z (axial) at max z/ABM Noise(x,y,z) (1x1x1):**

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

**Cursor:**

ABM2 = -45.9 dB A/m

Location: -0.5, 0.5, 363.7 mm

**Point measurement/z (axial) at max z/ABM SNR(x,y,z) (1x1x1):**

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

**Cursor:**

ABM1/ABM2 = 49.7 dB

ABM1 comp = 3.80 dB A/m

BWC Factor = 0.152993 dB

Location: -0.5, 0.5, 363.7 mm

**Point measurement/z (axial) at max z/ABM Signal(x,y,z) (1x1x1):**

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

**Cursor:**

ABM1 comp = 3.80 dB A/m

BWC Factor = 0.152993 dB

Location: -0.5, 0.5, 363.7 mm

**Scans/z (axial) rough 50 x 50/ABM Signal(x,y,z) (11x11x1):**

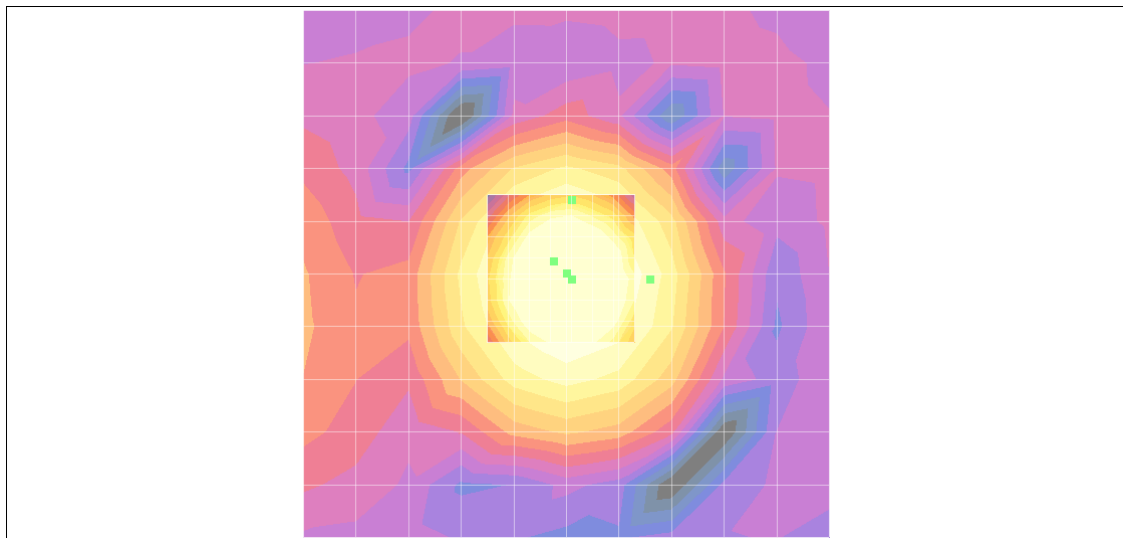
Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM1 comp = 3.18 dB A/m

BWC Factor = 0.151969 dB

Location: 0, 0, 363.7 mm



0 dB = 1.00A/m

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## GSM 850 251CH

DUT: P5000; Type: BAR; Serial: #1

Communication System: GSM 850; Frequency: 848.8 MHz; Duty Cycle: 1:8.3  
 Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1$  kg/m<sup>3</sup>  
 Phantom section: AMB with Coil Section  
 Measurement Standard: DASy4 (High Precision Assessment)

DASy4 Configuration:

- Probe: AM1DV2 - 1013; ; Calibrated: 2006-04-18
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn869; Calibrated: 2010-09-21
- Phantom: HAC Test Arch with Coil: Type: SD HAC P01 BA; Serial: 1018
- Measurement SW: DASy4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

**Point measurement/x (longitudinal) at max x/ABM Noise(x,y,z) (1x1x1):**

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

**Cursor:**

ABM2 = -29.9 dB A/m

Location: -7, 0.5, 363.7 mm

**Point measurement/x (longitudinal) at max x/ABM SNR(x,y,z) (1x1x1):**

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

**Cursor:**

ABM1/ABM2 = 25.8 dB

ABM1 comp = -4.09 dB A/m

BWC Factor = 0.152993 dB

Location: -7, 0.5, 363.7 mm

**Point measurement/x (longitudinal) at max x/ABM Signal(x,y,z) (1x1x1):**

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

**Cursor:**

ABM1 comp = -4.09 dB A/m

BWC Factor = 0.152993 dB

Location: -7, 0.5, 363.7 mm

**Point measurement/y (transversal) at max y/ABM Noise(x,y,z) (1x1x1):**

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

**Cursor:**

ABM2 = -39.4 dB A/m

Location: -0.5, -7, 363.7 mm

**Point measurement/y (transversal) at max y/ABM SNR(x,y,z) (1x1x1):**

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

**Cursor:**

ABM1/ABM2 = 35.0 dB

ABM1 comp = -4.42 dB A/m

BWC Factor = 0.152993 dB

Location: -0.5, -7, 363.7 mm

**Point measurement/y (transversal) at max y/ABM Signal(x,y,z) (1x1x1):**

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

**Cursor:**

ABM1 comp = -4.42 dB A/m

BWC Factor = 0.152993 dB

Location: -0.5, -7, 363.7 mm

**Scans/z (axial) 15 x 15/ABM Signal(x,y,z) (8x8x1):**

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

**Cursor:**

ABM1 comp = 3.37 dB A/m

BWC Factor = 0.151969 dB

Location: -0.5, 0.5, 363.7 mm

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**Point measurement/z (axial) 300–3k response at max/ABM Freq Resp(x,y,z,f) (1x1x1):**

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

**Cursor:**

Diff = 2.00 dB

BWC Factor = 10.8 dB

Location: 1.2, -1.2, 365 mm

**Point measurement/z (axial) at max z/ABM Noise(x,y,z) (1x1x1):**

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

**Cursor:**

ABM2 = -45.9 dB A/m

Location: -0.5, 0.5, 363.7 mm

**Point measurement/z (axial) at max z/ABM SNR(x,y,z) (1x1x1):**

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

**Cursor:**

ABM1/ABM2 = 49.5 dB

ABM1 comp = 3.64 dB A/m

BWC Factor = 0.152993 dB

Location: -0.5, 0.5, 363.7 mm

**Point measurement/z (axial) at max z/ABM Signal(x,y,z) (1x1x1):**

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

**Cursor:**

ABM1 comp = 3.64 dB A/m

BWC Factor = 0.152993 dB

Location: -0.5, 0.5, 363.7 mm

**Scans/z (axial) rough 50 x 50/ABM Signal(x,y,z) (11x11x1):**

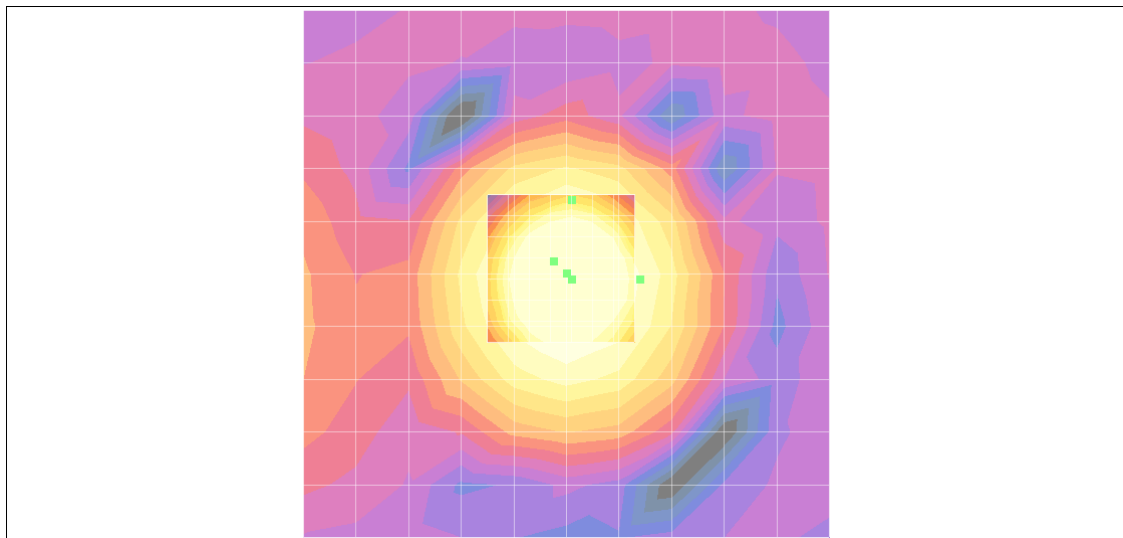
Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM1 comp = 3.41 dB A/m

BWC Factor = 0.151969 dB

Location: 0, 0, 363.7 mm



0 dB = 1.00A/m

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## GSM1900 512CH

DUT: P5000; Type: BAR; Serial: #1

Communication System: GSM 1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3  
 Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1$  kg/m<sup>3</sup>  
 Phantom section: AMB with Coil Section  
 Measurement Standard: DASy4 (High Precision Assessment)

DASy4 Configuration:

- Probe: AM1DV2 - 1013; ; Calibrated: 2006-04-18
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn869; Calibrated: 2010-09-21
- Phantom: HAC Test Arch with Coil; Type: SD HAC P01 BA; Serial: 1018
- Measurement SW: DASy4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

**Point measurement/x (longitudinal) at max x/ABM Noise(x,y,z) (1x1x1):**

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

**Cursor:**

ABM2 = -34.5 dB A/m

Location: -8, 0.5, 363.7 mm

**Point measurement/x (longitudinal) at max x/ABM SNR(x,y,z) (1x1x1):**

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

**Cursor:**

ABM1/ABM2 = 30.2 dB

ABM1 comp = -4.21 dB A/m

BWC Factor = 0.152993 dB

Location: -8, 0.5, 363.7 mm

**Point measurement/x (longitudinal) at max x/ABM Signal(x,y,z) (1x1x1):**

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

**Cursor:**

ABM1 comp = -4.21 dB A/m

BWC Factor = 0.152993 dB

Location: -8, 0.5, 363.7 mm

**Point measurement/y (transversal) at max y/ABM Noise(x,y,z) (1x1x1):**

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

**Cursor:**

ABM2 = -43.1 dB A/m

Location: -0.5, -7, 363.7 mm

**Point measurement/y (transversal) at max y/ABM SNR(x,y,z) (1x1x1):**

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

**Cursor:**

ABM1/ABM2 = 38.1 dB

ABM1 comp = -5.09 dB A/m

BWC Factor = 0.152993 dB

Location: -0.5, -7, 363.7 mm

**Point measurement/y (transversal) at max y/ABM Signal(x,y,z) (1x1x1):**

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

**Cursor:**

ABM1 comp = -5.09 dB A/m

BWC Factor = 0.152993 dB

Location: -0.5, -7, 363.7 mm

**Scans/z (axial) 15 x 15/ABM Signal(x,y,z) (8x8x1):**

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

**Cursor:**

ABM1 comp = 3.31 dB A/m

BWC Factor = 0.15103 dB

Location: -0.5, 0.5, 363.7 mm



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**Point measurement/z (axial) 300–3k response at max/ABM Freq Resp(x,y,z,f) (1x1x1):**

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

**Cursor:**

Diff = 2.00 dB

BWC Factor = 10.8 dB

Location: 1.2, -1.2, 365 mm

**Point measurement/z (axial) at max z/ABM Noise(x,y,z) (1x1x1):**

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

**Cursor:**

ABM2 = -47.6 dB A/m

Location: -0.5, 0.5, 363.7 mm

**Point measurement/z (axial) at max z/ABM SNR(x,y,z) (1x1x1):**

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

**Cursor:**

ABM1/ABM2 = 50.9 dB

ABM1 comp = 3.37 dB A/m

BWC Factor = 0.152993 dB

Location: -0.5, 0.5, 363.7 mm

**Point measurement/z (axial) at max z/ABM Signal(x,y,z) (1x1x1):**

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

**Cursor:**

ABM1 comp = 3.37 dB A/m

BWC Factor = 0.152993 dB

Location: -0.5, 0.5, 363.7 mm

**Scans/z (axial) rough 50 x 50/ABM Signal(x,y,z) (11x11x1):**

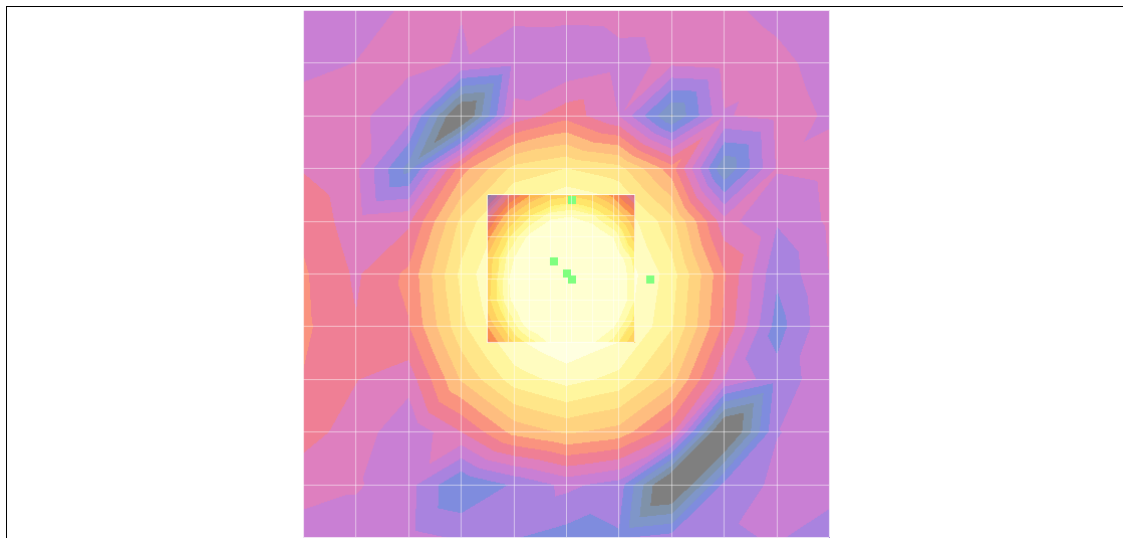
Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM1 comp = 3.48 dB A/m

BWC Factor = 0.15103 dB

Location: 0, 0, 363.7 mm



0 dB = 1.00A/m

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## GSM1900 661CH

**DUT: P5000; Type: BAR; Serial: #1**

Communication System: GSM 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3  
 Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1$  kg/m<sup>3</sup>  
 Phantom section: AMB with Coil Section  
 Measurement Standard: DASy4 (High Precision Assessment)

DASy4 Configuration:

- Probe: AM1DV2 - 1013; ; Calibrated: 2006-04-18
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn869; Calibrated: 2010-09-21
- Phantom: HAC Test Arch with Coil: Type: SD HAC P01 BA; Serial: 1018
- Measurement SW: DASy4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

**Point measurement/x (longitudinal) at max x/ABM Noise(x,y,z) (1x1x1):**

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

**Cursor:**

ABM2 = -34.0 dB A/m

Location: -8, -1.5, 363.7 mm

**Point measurement/x (longitudinal) at max x/ABM SNR(x,y,z) (1x1x1):**

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

**Cursor:**

ABM1/ABM2 = 29.7 dB

ABM1 comp = -4.33 dB A/m

BWC Factor = 0.152993 dB

Location: -8, -1.5, 363.7 mm

**Point measurement/x (longitudinal) at max x/ABM Signal(x,y,z) (1x1x1):**

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

**Cursor:**

ABM1 comp = -4.33 dB A/m

BWC Factor = 0.152993 dB

Location: -8, -1.5, 363.7 mm

**Point measurement/y (transversal) at max y/ABM Noise(x,y,z) (1x1x1):**

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

**Cursor:**

ABM2 = -38.7 dB A/m

Location: -0.5, 10, 363.7 mm

**Point measurement/y (transversal) at max y/ABM SNR(x,y,z) (1x1x1):**

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

**Cursor:**

ABM1/ABM2 = 33.2 dB

ABM1 comp = -5.52 dB A/m

BWC Factor = 0.152993 dB

Location: -0.5, 10, 363.7 mm

**Point measurement/y (transversal) at max y/ABM Signal(x,y,z) (1x1x1):**

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

**Cursor:**

ABM1 comp = -5.52 dB A/m

BWC Factor = 0.152993 dB

Location: -0.5, 10, 363.7 mm

**Scans/z (axial) 15 x 15/ABM Signal(x,y,z) (8x8x1):**

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

**Cursor:**

ABM1 comp = 3.38 dB A/m

BWC Factor = 0.151969 dB

Location: -0.5, 0.5, 363.7 mm

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**Point measurement/z (axial) 300–3k response at max/ABM Freq Resp(x,y,z,f) (1x1x1):**

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

**Cursor:**

Diff = 2.00 dB  
BWC Factor = 10.8 dB  
Location: 1.2, -1.2, 365 mm

**Point measurement/z (axial) at max z/ABM Noise(x,y,z) (1x1x1):**

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

**Cursor:**

ABM2 = -46.6 dB A/m  
Location: -0.5, 0.5, 363.7 mm

**Point measurement/z (axial) at max z/ABM SNR(x,y,z) (1x1x1):**

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

**Cursor:**

ABM1/ABM2 = 50.1 dB  
ABM1 comp = 3.46 dB A/m  
BWC Factor = 0.152993 dB  
Location: -0.5, 0.5, 363.7 mm

**Point measurement/z (axial) at max z/ABM Signal(x,y,z) (1x1x1):**

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

**Cursor:**

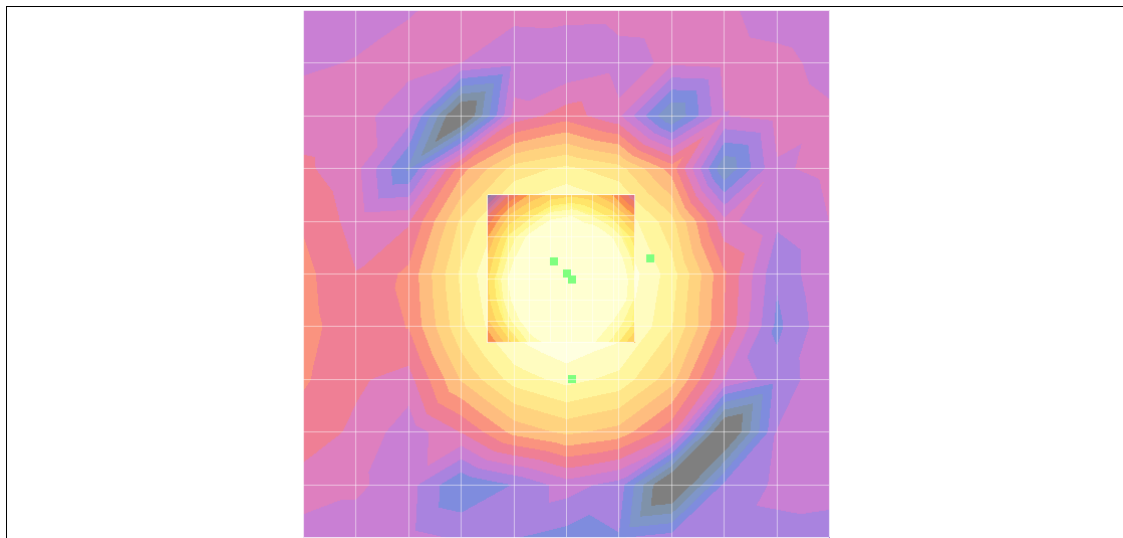
ABM1 comp = 3.46 dB A/m  
BWC Factor = 0.152993 dB  
Location: -0.5, 0.5, 363.7 mm

**Scans/z (axial) rough 50 x 50/ABM Signal(x,y,z) (11x11x1):**

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

**Cursor:**

ABM1 comp = 2.97 dB A/m  
BWC Factor = 0.151969 dB  
Location: 0, 0, 363.7 mm



0 dB = 1.00A/m

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## GSM1900 810CH

**DUT: P5000; Type: BAR; Serial: #1**

Communication System: GSM 1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3  
 Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1$  kg/m<sup>3</sup>  
 Phantom section: AMB with Coil Section  
 Measurement Standard: DASy4 (High Precision Assessment)

DASy4 Configuration:

- Probe: AM1DV2 - 1013; ; Calibrated: 2006-04-18
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn869; Calibrated: 2010-09-21
- Phantom: HAC Test Arch with Coil; Type: SD HAC P01 BA; Serial: 1018
- Measurement SW: DASy4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

**Point measurement/x (longitudinal) at max x/ABM Noise(x,y,z) (1x1x1):**

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

**Cursor:**

ABM2 = -34.4 dB A/m

Location: -8, -1.5, 363.7 mm

**Point measurement/x (longitudinal) at max x/ABM SNR(x,y,z) (1x1x1):**

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

**Cursor:**

ABM1/ABM2 = 30.0 dB

ABM1 comp = -4.35 dB A/m

BWC Factor = 0.152993 dB

Location: -8, -1.5, 363.7 mm

**Point measurement/x (longitudinal) at max x/ABM Signal(x,y,z) (1x1x1):**

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

**Cursor:**

ABM1 comp = -4.35 dB A/m

BWC Factor = 0.152993 dB

Location: -8, -1.5, 363.7 mm

**Point measurement/y (transversal) at max y/ABM Noise(x,y,z) (1x1x1):**

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

**Cursor:**

ABM2 = -40.3 dB A/m

Location: 1.5, -7, 363.7 mm

**Point measurement/y (transversal) at max y/ABM SNR(x,y,z) (1x1x1):**

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

**Cursor:**

ABM1/ABM2 = 35.3 dB

ABM1 comp = -4.93 dB A/m

BWC Factor = 0.152993 dB

Location: 1.5, -7, 363.7 mm

**Point measurement/y (transversal) at max y/ABM Signal(x,y,z) (1x1x1):**

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

**Cursor:**

ABM1 comp = -4.93 dB A/m

BWC Factor = 0.152993 dB

Location: 1.5, -7, 363.7 mm

**Scans/z (axial) 15 x 15/ABM Signal(x,y,z) (8x8x1):**

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

**Cursor:**

ABM1 comp = 3.37 dB A/m

BWC Factor = 0.151969 dB

Location: -0.5, 0.5, 363.7 mm

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**Point measurement/z (axial) 300–3k response at max/ABM Freq Resp(x,y,z,f) (1x1x1):**

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

**Cursor:**

Diff = 2.00 dB

BWC Factor = 10.8 dB

Location: 1.2, -1.2, 365 mm

**Point measurement/z (axial) at max z/ABM Noise(x,y,z) (1x1x1):**

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

**Cursor:**

ABM2 = -46.4 dB A/m

Location: -0.5, 0.5, 363.7 mm

**Point measurement/z (axial) at max z/ABM SNR(x,y,z) (1x1x1):**

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

**Cursor:**

ABM1/ABM2 = 50.0 dB

ABM1 comp = 3.55 dB A/m

BWC Factor = 0.152993 dB

Location: -0.5, 0.5, 363.7 mm

**Point measurement/z (axial) at max z/ABM Signal(x,y,z) (1x1x1):**

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

**Cursor:**

ABM1 comp = 3.55 dB A/m

BWC Factor = 0.152993 dB

Location: -0.5, 0.5, 363.7 mm

**Scans/z (axial) rough 50 x 50/ABM Signal(x,y,z) (11x11x1):**

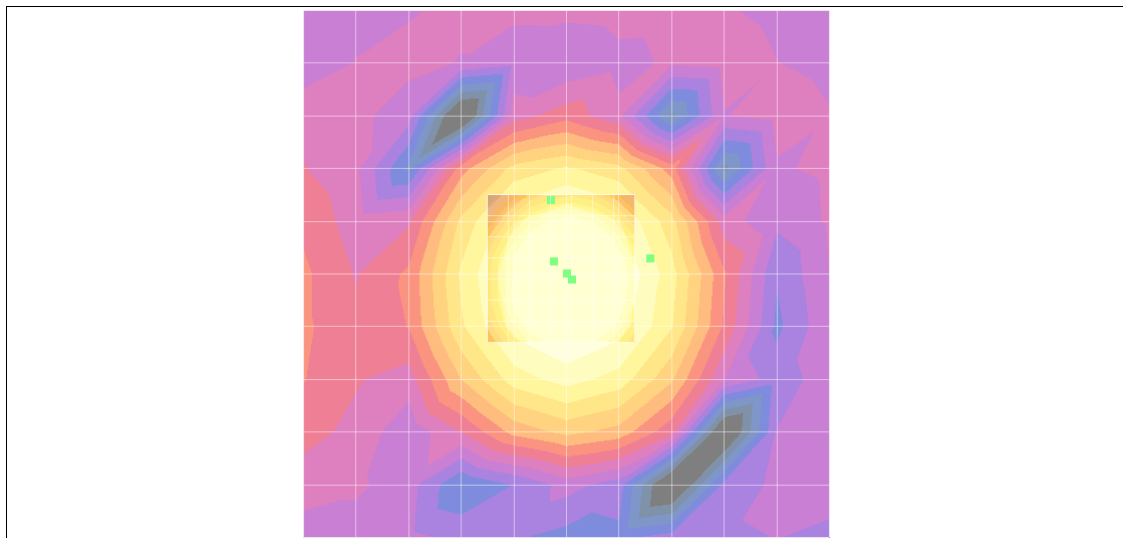
Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM1 comp = 3.35 dB A/m

BWC Factor = 0.151969 dB

Location: 0, 0, 363.7 mm



0 dB = 1.00A/m

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## WCDMA850 4132CH

DUT: P5000; Type: BAR; Serial: #1

Communication System: WCDMA850; Frequency: 826.4 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1$  kg/m<sup>3</sup>  
 Phantom section: AMB with Coil Section  
 Measurement Standard: DASy4 (High Precision Assessment)

DASy4 Configuration:

- Probe: AM1DV2 - 1013; ; Calibrated: 2006-04-18
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn869; Calibrated: 2010-09-21
- Phantom: HAC Test Arch with Coil; Type: SD HAC P01 BA; Serial: 1018
- Measurement SW: DASy4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

**Point measurement/x (longitudinal) at max x/ABM Noise(x,y,z) (1x1x1):**

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

**Cursor:**

ABM2 = -50.7 dB A/m

Location: -8, 0.5, 363.7 mm

**Point measurement/x (longitudinal) at max x/ABM SNR(x,y,z) (1x1x1):**

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

**Cursor:**

ABM1/ABM2 = 47.0 dB

ABM1 comp = -3.72 dB A/m

BWC Factor = 0.151969 dB

Location: -8, 0.5, 363.7 mm

**Point measurement/x (longitudinal) at max x/ABM Signal(x,y,z) (1x1x1):**

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

**Cursor:**

ABM1 comp = -3.72 dB A/m

BWC Factor = 0.151969 dB

Location: -8, 0.5, 363.7 mm

**Point measurement/y (transversal) at max y/ABM Noise(x,y,z) (1x1x1):**

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

**Cursor:**

ABM2 = -50.9 dB A/m

Location: -0.5, -6, 363.7 mm

**Point measurement/y (transversal) at max y/ABM SNR(x,y,z) (1x1x1):**

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

**Cursor:**

ABM1/ABM2 = 45.3 dB

ABM1 comp = -5.59 dB A/m

BWC Factor = 0.151969 dB

Location: -0.5, -6, 363.7 mm

**Point measurement/y (transversal) at max y/ABM Signal(x,y,z) (1x1x1):**

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

**Cursor:**

ABM1 comp = -5.59 dB A/m

BWC Factor = 0.151969 dB

Location: -0.5, -6, 363.7 mm

**Scans/z (axial) 15 x 15/ABM Signal(x,y,z) (8x8x1):**

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

**Cursor:**

ABM1 comp = 3.61 dB A/m

BWC Factor = 0.151969 dB

Location: -0.5, 0.5, 363.7 mm

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**Point measurement/z (axial) 300–3k response at max/ABM Freq Resp(x,y,z,f) (1x1x1):**

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

**Cursor:**

Diff = 2.00 dB

BWC Factor = 10.8 dB

Location: 1.2, -1.2, 365 mm

**Point measurement/z (axial) at max z/ABM Noise(x,y,z) (1x1x1):**

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

**Cursor:**

ABM2 = -45.5 dB A/m

Location: -0.5, 0.5, 363.7 mm

**Point measurement/z (axial) at max z/ABM SNR(x,y,z) (1x1x1):**

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

**Cursor:**

ABM1/ABM2 = 48.5 dB

ABM1 comp = 3.04 dB A/m

BWC Factor = 0.151969 dB

Location: -0.5, 0.5, 363.7 mm

**Point measurement/z (axial) at max z/ABM Signal(x,y,z) (1x1x1):**

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

**Cursor:**

ABM1 comp = 3.04 dB A/m

BWC Factor = 0.151969 dB

Location: -0.5, 0.5, 363.7 mm

**Scans/z (axial) rough 50 x 50/ABM Signal(x,y,z) (11x11x1):**

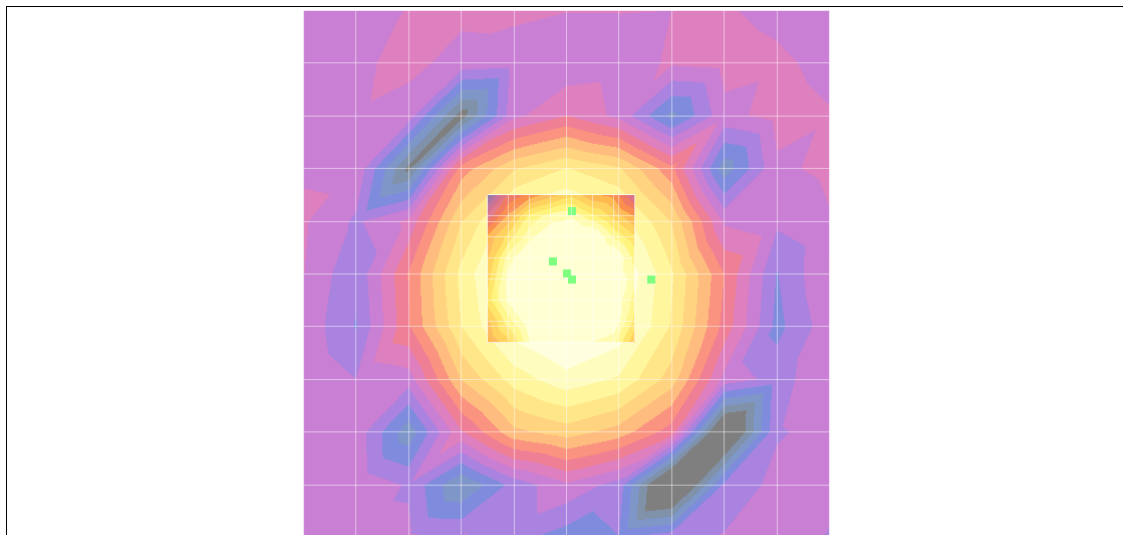
Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM1 comp = 3.48 dB A/m

BWC Factor = 0.151969 dB

Location: 0, 0, 363.7 mm



0 dB = 1.00A/m



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## WCDMA850 4183CH

DUT: P5000; Type: BAR; Serial: #1

Communication System: WCDMA850; Frequency: 836.6 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1$  kg/m<sup>3</sup>  
 Phantom section: AMB with Coil Section  
 Measurement Standard: DAS4 (High Precision Assessment)

DAS4 Configuration:

- Probe: AM1DV2 - 1013; ; Calibrated: 2006-04-18
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn869; Calibrated: 2010-09-21
- Phantom: HAC Test Arch with Coil; Type: SD HAC P01 BA; Serial: 1018
- Measurement SW: DAS4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

**Point measurement/x (longitudinal) at max x/ABM Noise(x,y,z) (1x1x1):**

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

**Cursor:**

ABM2 = -50.6 dB A/m

Location: -8, 0.5, 363.7 mm

**Point measurement/x (longitudinal) at max x/ABM SNR(x,y,z) (1x1x1):**

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

**Cursor:**

ABM1/ABM2 = 46.7 dB

ABM1 comp = -3.86 dB A/m

BWC Factor = 0.151969 dB

Location: -8, 0.5, 363.7 mm

**Point measurement/x (longitudinal) at max x/ABM Signal(x,y,z) (1x1x1):**

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

**Cursor:**

ABM1 comp = -3.86 dB A/m

BWC Factor = 0.151969 dB

Location: -8, 0.5, 363.7 mm

**Point measurement/y (transversal) at max y/ABM Noise(x,y,z) (1x1x1):**

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

**Cursor:**

ABM2 = -51.1 dB A/m

Location: -0.5, 10, 363.7 mm

**Point measurement/y (transversal) at max y/ABM SNR(x,y,z) (1x1x1):**

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

**Cursor:**

ABM1/ABM2 = 46.1 dB

ABM1 comp = -4.99 dB A/m

BWC Factor = 0.151969 dB

Location: -0.5, 10, 363.7 mm

**Point measurement/y (transversal) at max y/ABM Signal(x,y,z) (1x1x1):**

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

**Cursor:**

ABM1 comp = -4.99 dB A/m

BWC Factor = 0.151969 dB

Location: -0.5, 10, 363.7 mm

**Scans/z (axial) 15 x 15/ABM Signal(x,y,z) (8x8x1):**

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

**Cursor:**

ABM1 comp = 3.39 dB A/m

BWC Factor = 0.151969 dB

Location: -0.5, 2.5, 363.7 mm

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**Point measurement/z (axial) 300–3k response at max/ABM Freq Resp(x,y,z,f) (1x1x1):**

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

**Cursor:**

Diff = 2.00 dB  
BWC Factor = 10.8 dB  
Location: 1.3, 0.8, 365 mm

**Point measurement/z (axial) at max z/ABM Noise(x,y,z) (1x1x1):**

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

**Cursor:**

ABM2 = -44.3 dB A/m  
Location: -0.5, 2.5, 363.7 mm

**Point measurement/z (axial) at max z/ABM SNR(x,y,z) (1x1x1):**

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

**Cursor:**

ABM1/ABM2 = 47.4 dB  
ABM1 comp = 3.10 dB A/m  
BWC Factor = 0.151969 dB  
Location: -0.5, 2.5, 363.7 mm

**Point measurement/z (axial) at max z/ABM Signal(x,y,z) (1x1x1):**

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

**Cursor:**

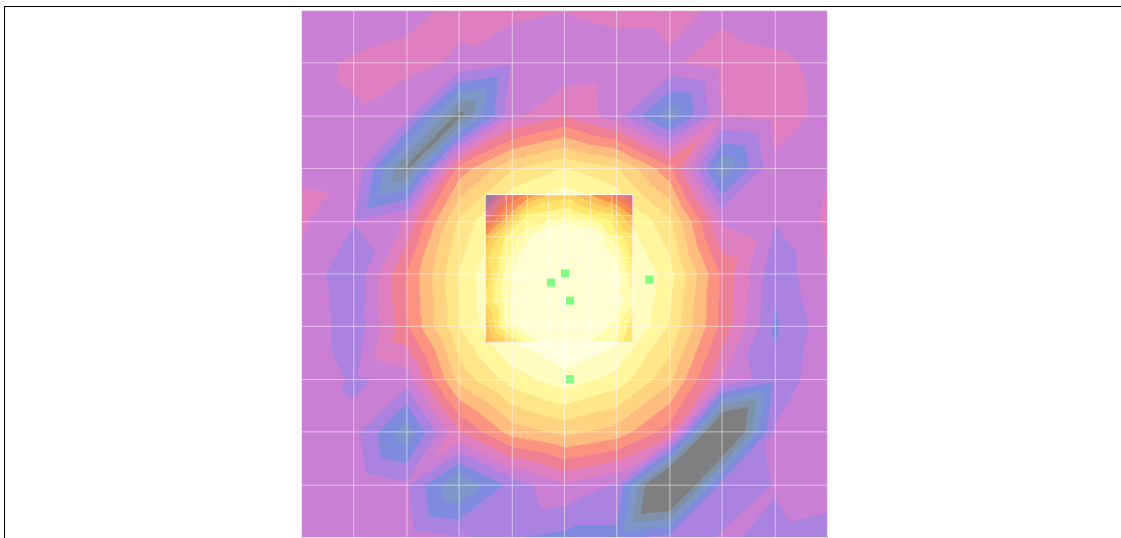
ABM1 comp = 3.10 dB A/m  
BWC Factor = 0.151969 dB  
Location: -0.5, 2.5, 363.7 mm

**Scans/z (axial) rough 50 x 50/ABM Signal(x,y,z) (11x11x1):**

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

**Cursor:**

ABM1 comp = 2.62 dB A/m  
BWC Factor = 0.151969 dB  
Location: 0, 0, 363.7 mm



0 dB = 1.00A/m

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## WCDMA850 4233CH

DUT: P5000; Type: BAR; Serial: #1

Communication System: WCDMA850; Frequency: 846.6 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1$  kg/m<sup>3</sup>  
 Phantom section: AMB with Coil Section  
 Measurement Standard: DASy4 (High Precision Assessment)

DASy4 Configuration:

- Probe: AM1DV2 - 1013; ; Calibrated: 2006-04-18
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn869; Calibrated: 2010-09-21
- Phantom: HAC Test Arch with Coil; Type: SD HAC P01 BA; Serial: 1018
- Measurement SW: DASy4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

**Point measurement/x (longitudinal) at max x/ABM Noise(x,y,z) (1x1x1):**

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

**Cursor:**

ABM2 = -50.2 dB A/m

Location: -7, 0.5, 363.7 mm

**Point measurement/x (longitudinal) at max x/ABM SNR(x,y,z) (1x1x1):**

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

**Cursor:**

ABM1/ABM2 = 46.2 dB

ABM1 comp = -4.06 dB A/m

BWC Factor = 0.151969 dB

Location: -7, 0.5, 363.7 mm

**Point measurement/x (longitudinal) at max x/ABM Signal(x,y,z) (1x1x1):**

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

**Cursor:**

ABM1 comp = -4.06 dB A/m

BWC Factor = 0.151969 dB

Location: -7, 0.5, 363.7 mm

**Point measurement/y (transversal) at max y/ABM Noise(x,y,z) (1x1x1):**

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

**Cursor:**

ABM2 = -51.1 dB A/m

Location: -0.5, 10, 363.7 mm

**Point measurement/y (transversal) at max y/ABM SNR(x,y,z) (1x1x1):**

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

**Cursor:**

ABM1/ABM2 = 45.5 dB

ABM1 comp = -5.60 dB A/m

BWC Factor = 0.151969 dB

Location: -0.5, 10, 363.7 mm

**Point measurement/y (transversal) at max y/ABM Signal(x,y,z) (1x1x1):**

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

**Cursor:**

ABM1 comp = -5.60 dB A/m

BWC Factor = 0.151969 dB

Location: -0.5, 10, 363.7 mm

**Scans/z (axial) 15 x 15/ABM Signal(x,y,z) (8x8x1):**

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

**Cursor:**

ABM1 comp = 3.53 dB A/m

BWC Factor = 0.151969 dB

Location: -0.5, 0.5, 363.7 mm

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**Point measurement/z (axial) 300–3k response at max/ABM Freq Resp(x,y,z,f) (1x1x1):**

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

**Cursor:**

Diff = 2.00 dB  
 BWC Factor = 10.8 dB  
 Location: 1.2, -1.2, 365 mm

**Point measurement/z (axial) at max z/ABM Noise(x,y,z) (1x1x1):**

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

**Cursor:**

ABM2 = -45.1 dB A/m  
 Location: -0.5, 0.5, 363.7 mm

**Point measurement/z (axial) at max z/ABM SNR(x,y,z) (1x1x1):**

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

**Cursor:**

ABM1/ABM2 = 48.7 dB  
 ABM1 comp = 3.66 dB A/m  
 BWC Factor = 0.151969 dB  
 Location: -0.5, 0.5, 363.7 mm

**Point measurement/z (axial) at max z/ABM Signal(x,y,z) (1x1x1):**

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

**Cursor:**

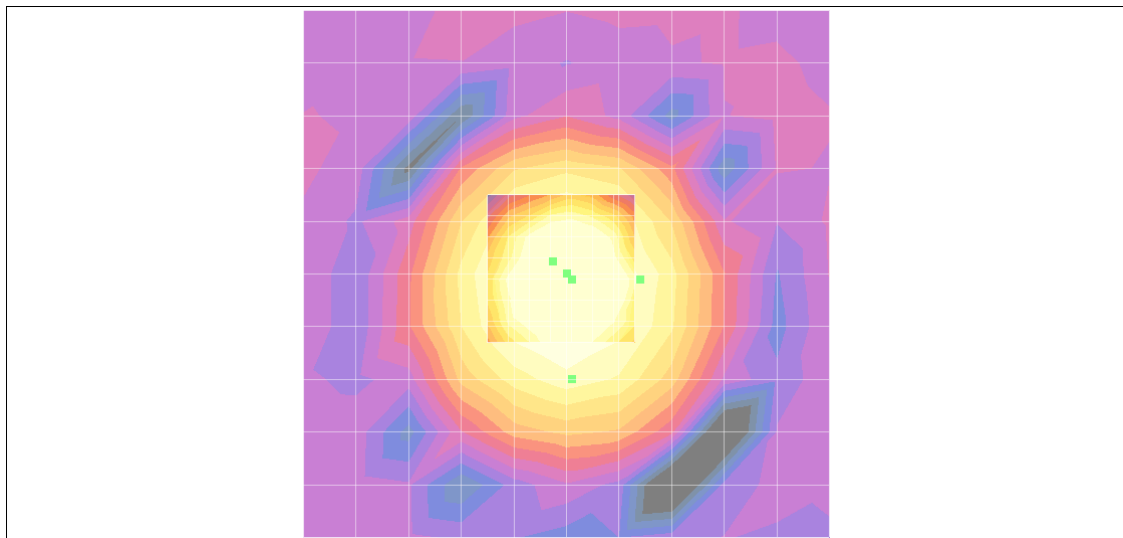
ABM1 comp = 3.66 dB A/m  
 BWC Factor = 0.151969 dB  
 Location: -0.5, 0.5, 363.7 mm

**Scans/z (axial) rough 50 x 50/ABM Signal(x,y,z) (11x11x1):**

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

**Cursor:**

ABM1 comp = 2.64 dB A/m  
 BWC Factor = 0.151969 dB  
 Location: 0, 0, 363.7 mm



0 dB = 1.00A/m

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## WCDMA1900 9262CH

**DUT: P5000; Type: BAR; Serial: #1**

Communication System: WCDMA1900; Frequency: 1852.4 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1$  kg/m<sup>3</sup>  
 Phantom section: AMB with Coil Section  
 Measurement Standard: DAS4 (High Precision Assessment)

DASY4 Configuration:

- Probe: AM1DV2 - 1013; ; Calibrated: 2006-04-18
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn869; Calibrated: 2010-09-21
- Phantom: HAC Test Arch with Coil; Type: SD HAC P01 BA; Serial: 1018
- Measurement SW: DAS4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

**Point measurement/x (longitudinal) at max x/ABM Noise(x,y,z) (1x1x1):**

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

**Cursor:**

ABM2 = -50.4 dB A/m

Location: -8, 0.5, 363.7 mm

**Point measurement/x (longitudinal) at max x/ABM SNR(x,y,z) (1x1x1):**

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

**Cursor:**

ABM1/ABM2 = 45.9 dB

ABM1 comp = -4.51 dB A/m

BWC Factor = 0.151969 dB

Location: -8, 0.5, 363.7 mm

**Point measurement/x (longitudinal) at max x/ABM Signal(x,y,z) (1x1x1):**

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

**Cursor:**

ABM1 comp = -4.51 dB A/m

BWC Factor = 0.151969 dB

Location: -8, 0.5, 363.7 mm

**Point measurement/y (transversal) at max y/ABM Noise(x,y,z) (1x1x1):**

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

**Cursor:**

ABM2 = -49.8 dB A/m

Location: -0.5, -5, 363.7 mm

**Point measurement/y (transversal) at max y/ABM SNR(x,y,z) (1x1x1):**

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

**Cursor:**

ABM1/ABM2 = 44.6 dB

ABM1 comp = -5.14 dB A/m

BWC Factor = 0.151969 dB

Location: -0.5, -5, 363.7 mm

**Point measurement/y (transversal) at max y/ABM Signal(x,y,z) (1x1x1):**

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

**Cursor:**

ABM1 comp = -5.14 dB A/m

BWC Factor = 0.151969 dB

Location: -0.5, -5, 363.7 mm

**Scans/z (axial) 15 x 15/ABM Signal(x,y,z) (8x8x1):**

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

**Cursor:**

ABM1 comp = 3.60 dB A/m

BWC Factor = 0.151969 dB

Location: -0.5, 0.5, 363.7 mm

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**Point measurement/z (axial) 300–3k response at max/ABM Freq Resp(x,y,z,f) (1x1x1):**

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

**Cursor:**

Diff = 2.00 dB  
BWC Factor = 10.8 dB  
Location: 1.2, -1.2, 365 mm

**Point measurement/z (axial) at max z/ABM Noise(x,y,z) (1x1x1):**

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

**Cursor:**

ABM2 = -45.4 dB A/m  
Location: -0.5, 0.5, 363.7 mm

**Point measurement/z (axial) at max z/ABM SNR(x,y,z) (1x1x1):**

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

**Cursor:**

ABM1/ABM2 = 48.9 dB  
ABM1 comp = 3.53 dB A/m  
BWC Factor = 0.151969 dB  
Location: -0.5, 0.5, 363.7 mm

**Point measurement/z (axial) at max z/ABM Signal(x,y,z) (1x1x1):**

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

**Cursor:**

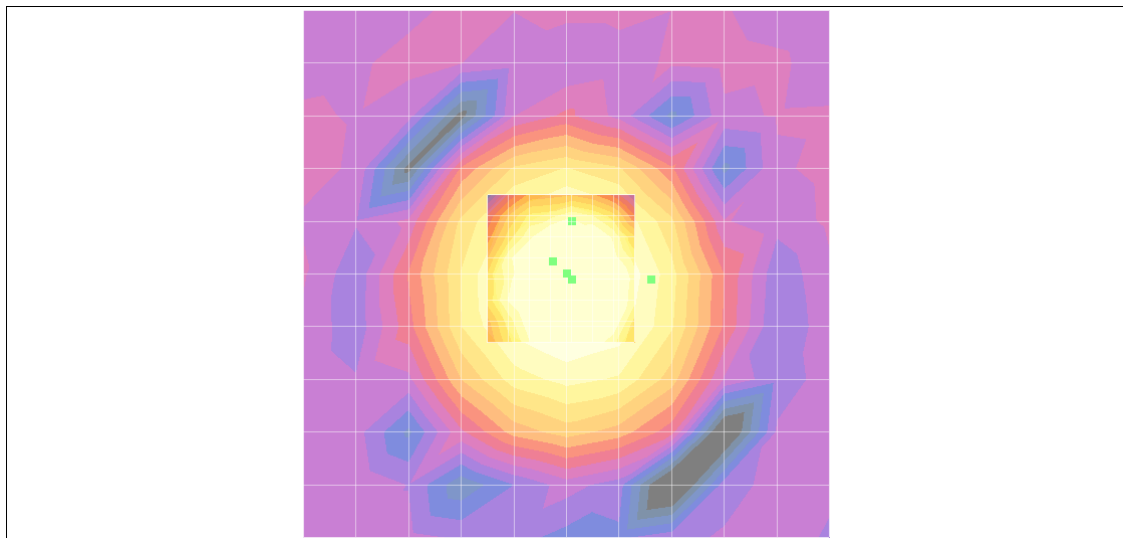
ABM1 comp = 3.53 dB A/m  
BWC Factor = 0.151969 dB  
Location: -0.5, 0.5, 363.7 mm

**Scans/z (axial) rough 50 x 50/ABM Signal(x,y,z) (11x11x1):**

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

**Cursor:**

ABM1 comp = 3.71 dB A/m  
BWC Factor = 0.151969 dB  
Location: 0, 0, 363.7 mm



0 dB = 1.00A/m

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## WCDMA1900 9400CH

**DUT: P5000; Type: BAR; Serial: #1**

Communication System: WCDMA1900; Frequency: 1880 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1$  kg/m<sup>3</sup>  
 Phantom section: AMB with Coil Section  
 Measurement Standard: DASYS4 (High Precision Assessment)

DASY4 Configuration:

- Probe: AM1DV2 - 1013; ; Calibrated: 2006-04-18
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn869; Calibrated: 2010-09-21
- Phantom: HAC Test Arch with Coil; Type: SD HAC P01 BA; Serial: 1018
- Measurement SW: DASYS4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

**Point measurement/x (longitudinal) at max x/ABM Noise(x,y,z) (1x1x1):**

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

**Cursor:**

ABM2 = -50.6 dB A/m

Location: -8, 0.5, 363.7 mm

**Point measurement/x (longitudinal) at max x/ABM SNR(x,y,z) (1x1x1):**

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

**Cursor:**

ABM1/ABM2 = 46.4 dB

ABM1 comp = -4.17 dB A/m

BWC Factor = 0.151969 dB

Location: -8, 0.5, 363.7 mm

**Point measurement/x (longitudinal) at max x/ABM Signal(x,y,z) (1x1x1):**

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

**Cursor:**

ABM1 comp = -4.17 dB A/m

BWC Factor = 0.151969 dB

Location: -8, 0.5, 363.7 mm

**Point measurement/y (transversal) at max y/ABM Noise(x,y,z) (1x1x1):**

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

**Cursor:**

ABM2 = -51.3 dB A/m

Location: -0.5, 10, 363.7 mm

**Point measurement/y (transversal) at max y/ABM SNR(x,y,z) (1x1x1):**

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

**Cursor:**

ABM1/ABM2 = 46.1 dB

ABM1 comp = -5.21 dB A/m

BWC Factor = 0.151969 dB

Location: -0.5, 10, 363.7 mm

**Point measurement/y (transversal) at max y/ABM Signal(x,y,z) (1x1x1):**

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

**Cursor:**

ABM1 comp = -5.21 dB A/m

BWC Factor = 0.151969 dB

Location: -0.5, 10, 363.7 mm

**Scans/z (axial) 15 x 15/ABM Signal(x,y,z) (8x8x1):**

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

**Cursor:**

ABM1 comp = 3.50 dB A/m

BWC Factor = 0.151969 dB

Location: -0.5, 2.5, 363.7 mm

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**Point measurement/z (axial) 300–3k response at max/ABM Freq Resp(x,y,z,f) (1x1x1):**

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

**Cursor:**

Diff = 2.00 dB  
BWC Factor = 10.8 dB  
Location: 1.3, 0.8, 365 mm

**Point measurement/z (axial) at max z/ABM Noise(x,y,z) (1x1x1):**

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

**Cursor:**

ABM2 = -43.7 dB A/m  
Location: -0.5, 2.5, 363.7 mm

**Point measurement/z (axial) at max z/ABM SNR(x,y,z) (1x1x1):**

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

**Cursor:**

ABM1/ABM2 = 47.3 dB  
ABM1 comp = 3.62 dB A/m  
BWC Factor = 0.151969 dB  
Location: -0.5, 2.5, 363.7 mm

**Point measurement/z (axial) at max z/ABM Signal(x,y,z) (1x1x1):**

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

**Cursor:**

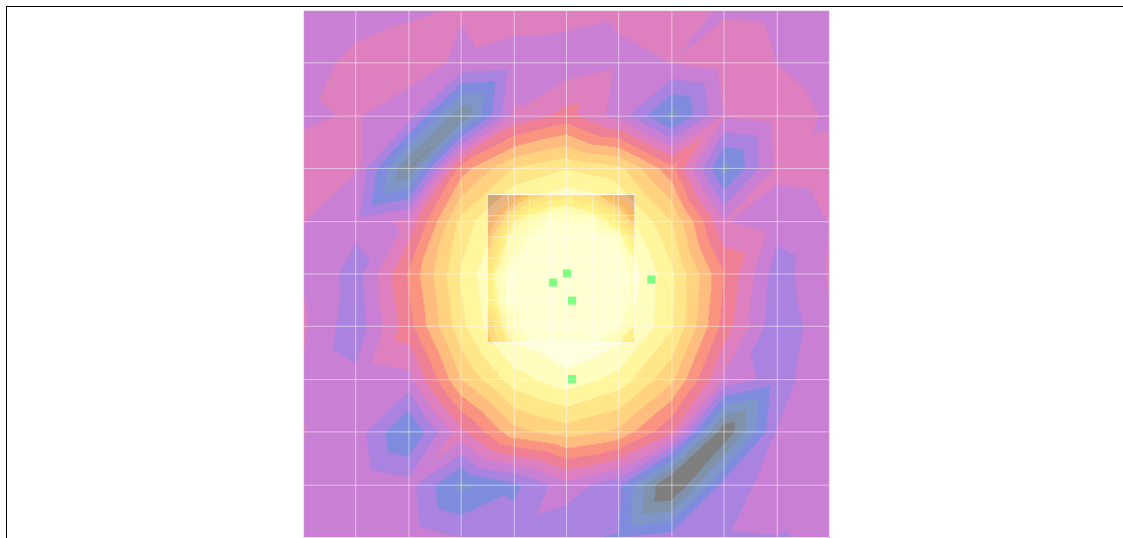
ABM1 comp = 3.62 dB A/m  
BWC Factor = 0.151969 dB  
Location: -0.5, 2.5, 363.7 mm

**Scans/z (axial) rough 50 x 50/ABM Signal(x,y,z) (11x11x1):**

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

**Cursor:**

ABM1 comp = 2.99 dB A/m  
BWC Factor = 0.151969 dB  
Location: 0, 0, 363.7 mm



0 dB = 1.00A/m



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## WCDMA1900 9538CH

DUT: P5000; Type: BAR; Serial: #1

Communication System: WCDMA1900; Frequency: 1907.6 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1$  kg/m<sup>3</sup>  
 Phantom section: AMB with Coil Section  
 Measurement Standard: DAS4 (High Precision Assessment)

DASY4 Configuration:

- Probe: AM1DV2 - 1013; ; Calibrated: 2006-04-18
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn869; Calibrated: 2010-09-21
- Phantom: HAC Test Arch with Coil; Type: SD HAC P01 BA; Serial: 1018
- Measurement SW: DAS4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

**Point measurement/x (longitudinal) at max x/ABM Noise(x,y,z) (1x1x1):**

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

**Cursor:**

ABM2 = -49.9 dB A/m

Location: -8, 2.5, 363.7 mm

**Point measurement/x (longitudinal) at max x/ABM SNR(x,y,z) (1x1x1):**

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

**Cursor:**

ABM1/ABM2 = 45.2 dB

ABM1 comp = -4.70 dB A/m

BWC Factor = 0.151969 dB

Location: -8, 2.5, 363.7 mm

**Point measurement/x (longitudinal) at max x/ABM Signal(x,y,z) (1x1x1):**

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

**Cursor:**

ABM1 comp = -4.70 dB A/m

BWC Factor = 0.151969 dB

Location: -8, 2.5, 363.7 mm

**Point measurement/y (transversal) at max y/ABM Noise(x,y,z) (1x1x1):**

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

**Cursor:**

ABM2 = -50.0 dB A/m

Location: 1.5, -7, 363.7 mm

**Point measurement/y (transversal) at max y/ABM SNR(x,y,z) (1x1x1):**

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

**Cursor:**

ABM1/ABM2 = 44.3 dB

ABM1 comp = -5.70 dB A/m

BWC Factor = 0.151969 dB

Location: 1.5, -7, 363.7 mm

**Point measurement/y (transversal) at max y/ABM Signal(x,y,z) (1x1x1):**

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

**Cursor:**

ABM1 comp = -5.70 dB A/m

BWC Factor = 0.151969 dB

Location: 1.5, -7, 363.7 mm

**Scans/z (axial) 15 x 15/ABM Signal(x,y,z) (8x8x1):**

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

**Cursor:**

ABM1 comp = 3.44 dB A/m

BWC Factor = 0.151969 dB

Location: -0.5, 2.5, 363.7 mm

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**Point measurement/z (axial) 300–3k response at max/ABM Freq Resp(x,y,z,f) (1x1x1):**

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

**Cursor:**

Diff = 2.00 dB  
BWC Factor = 10.8 dB  
Location: 1.3, 0.8, 365 mm

**Point measurement/z (axial) at max z/ABM Noise(x,y,z) (1x1x1):**

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

**Cursor:**

ABM2 = -42.5 dB A/m  
Location: -0.5, 2.5, 363.7 mm

**Point measurement/z (axial) at max z/ABM SNR(x,y,z) (1x1x1):**

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

**Cursor:**

ABM1/ABM2 = 46.3 dB  
ABM1 comp = 3.86 dB A/m  
BWC Factor = 0.151969 dB  
Location: -0.5, 2.5, 363.7 mm

**Point measurement/z (axial) at max z/ABM Signal(x,y,z) (1x1x1):**

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

**Cursor:**

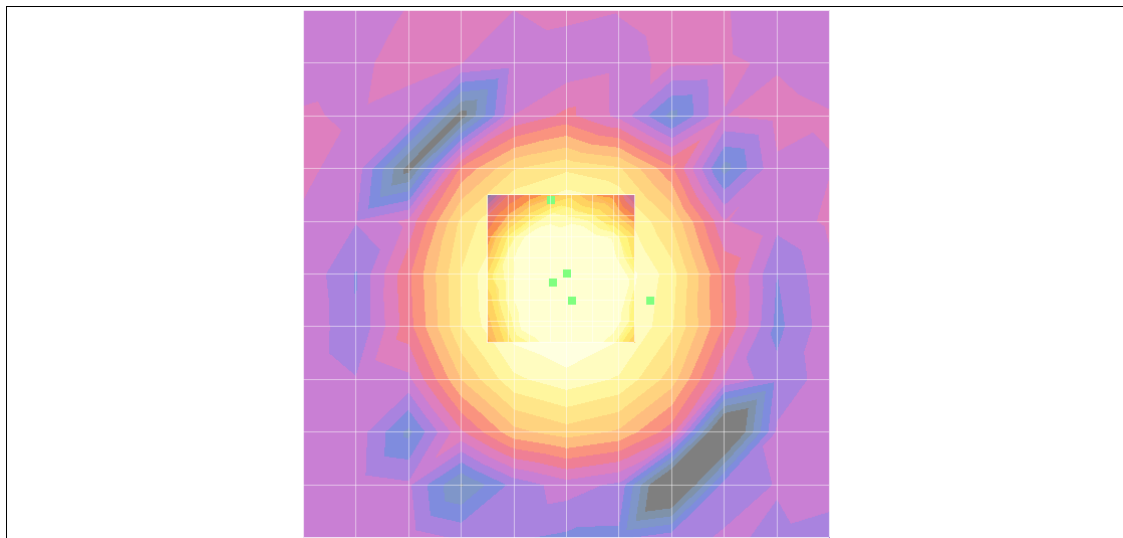
ABM1 comp = 3.86 dB A/m  
BWC Factor = 0.151969 dB  
Location: -0.5, 2.5, 363.7 mm

**Scans/z (axial) rough 50 x 50/ABM Signal(x,y,z) (11x11x1):**

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

**Cursor:**

ABM1 comp = 3.53 dB A/m  
BWC Factor = 0.151969 dB  
Location: 0, 0, 363.7 mm



0 dB = 1.00A/m