

<b>Report No.:</b>	HCTA0910FT01	<b>FCC ID:</b>	JYCP7040	<b>Date of Issue:</b>	Oct. 23,2009
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## Appendix D

### Contour Plots

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## GSM 850 128CH

Test Laboratory: HCT  
File Name: [001.da4](#)

**DUT: P7040; Type: Bar**  
**Program Name: HAC\_TCoil\_WD\_Emission**

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

DASY4 Configuration:

- Probe: AM1DV2 - 1013; ; Calibrated: 2006-04-18
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn466; Calibrated: 2009-07-21
- Phantom: HAC Test Arch with Coil; Type: SD HAC P01 BA
- 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 = -36.6 dB A/m

Location: -12, 5.5, 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 = 28.7 dB

ABM1 comp = -7.90 dB A/m

BWC Factor = 0.151969 dB

Location: -12, 5.5, 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 = -7.90 dB A/m

BWC Factor = 0.151969 dB

Location: -12, 5.5, 363.7 mm

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

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

**Cursor:**

ABM2 = -39.8 dB A/m

Location: 3.5, -3, 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 = 38.2 dB

ABM1 comp = -1.61 dB A/m

BWC Factor = 0.151969 dB

Location: 3.5, -3, 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 = -1.61 dB A/m

BWC Factor = 0.151969 dB

Location: 3.5, -3, 363.7 mm

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

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

**Cursor:**

ABM1 comp = 6.41 dB A/m

BWC Factor = 0.15103 dB

Location: -2.5, 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: -0.8, -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 = -38.5 dB A/m  
 Location: -2.5, 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 = 44.8 dB  
 ABM1 comp = 6.33 dB A/m  
 BWC Factor = 0.151969 dB  
 Location: -2.5, 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:**

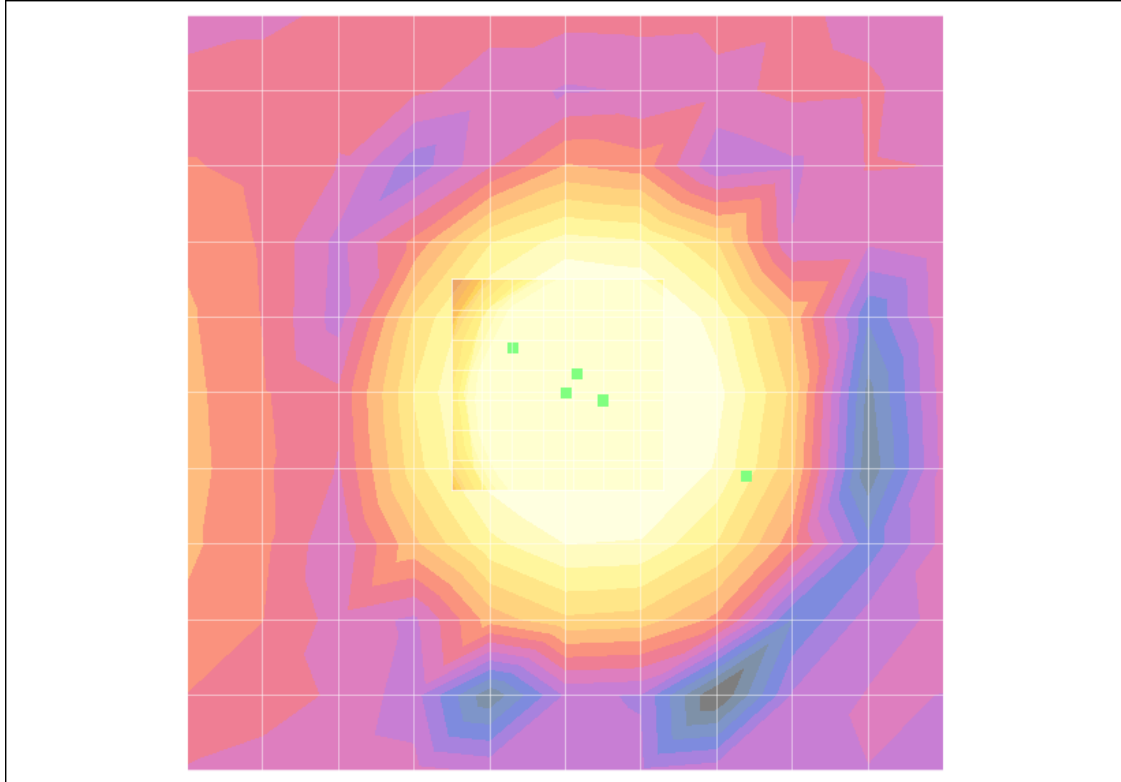
ABM1 comp = 6.33 dB A/m  
 BWC Factor = 0.151969 dB  
 Location: -2.5, 0.5, 363.7 mm

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

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

**Cursor:**

ABM1 comp = 5.91 dB A/m  
 BWC Factor = 0.15103 dB  
 Location: 0, 0, 363.7 mm



0 dB = 1.00A/m

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## GSM 850 190CH

Test Laboratory: HCT  
File Name: [002.da4](#)

**DUT: P7040; Type: Bar**  
**Program Name: HAC\_TCoil\_WD\_Emission**

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

DASY4 Configuration:

- Probe: AM1DV2 - 1013; ; Calibrated: 2006-04-18
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn466; Calibrated: 2009-07-21
- Phantom: HAC Test Arch with Coil; Type: SD HAC P01 BA
- 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 = -35.3 dB A/m

Location: -10, 5.5, 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 = 27.5 dB

ABM1 comp = -7.76 dB A/m

BWC Factor = 0.151969 dB

Location: -10, 5.5, 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 = -7.76 dB A/m

BWC Factor = 0.151969 dB

Location: -10, 5.5, 363.7 mm

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

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

**Cursor:**

ABM2 = -40.1 dB A/m

Location: 2.5, -3, 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 = 38.5 dB

ABM1 comp = -1.59 dB A/m

BWC Factor = 0.151969 dB

Location: 2.5, -3, 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 = -1.59 dB A/m

BWC Factor = 0.151969 dB

Location: 2.5, -3, 363.7 mm

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

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

**Cursor:**

ABM1 comp = 6.48 dB A/m

BWC Factor = 0.151969 dB

Location: -2.5, 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: -0.8, -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 = -38.8 dB A/m  
 Location: -2.5, 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 = 45.7 dB  
 ABM1 comp = 6.89 dB A/m  
 BWC Factor = 0.151969 dB  
 Location: -2.5, 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:**

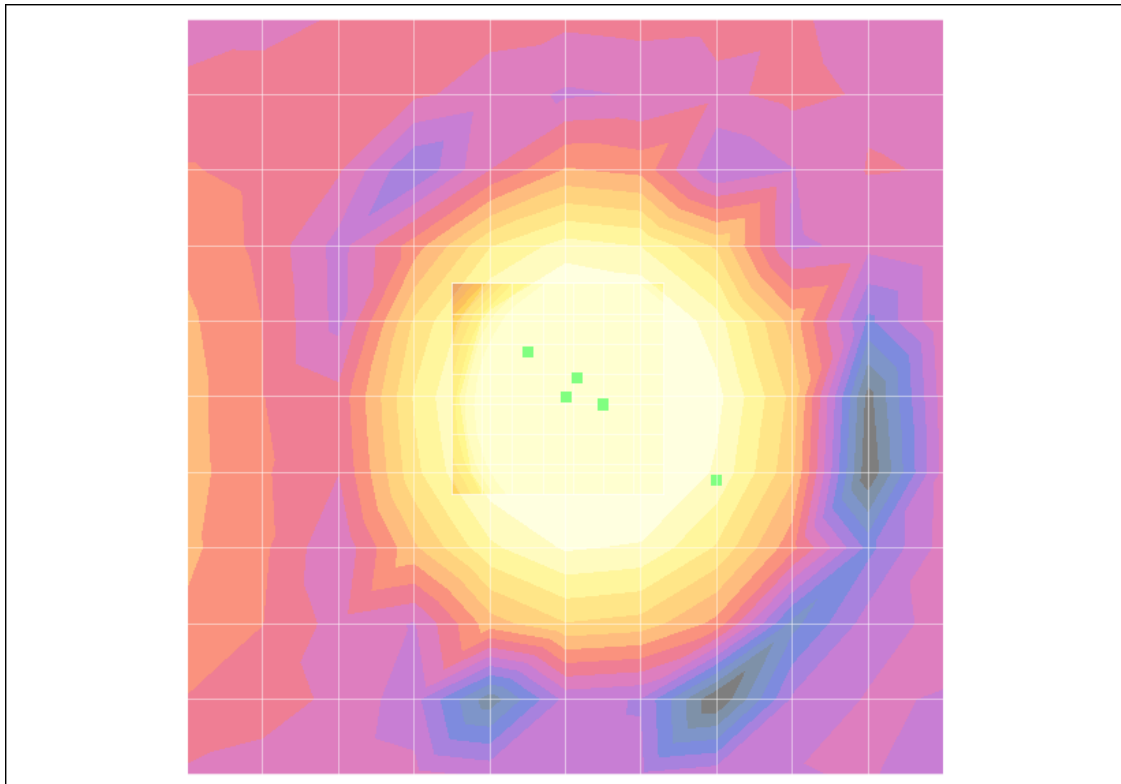
ABM1 comp = 6.89 dB A/m  
 BWC Factor = 0.151969 dB  
 Location: -2.5, 0.5, 363.7 mm

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

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

**Cursor:**

ABM1 comp = 6.11 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

Test Laboratory: HCT  
File Name: [003.da4](#)

**DUT: P7040; Type: Bar**  
**Program Name: HAC\_TCoil\_WD\_Emission**

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

DASY4 Configuration:

- Probe: AM1DV2 - 1013; ; Calibrated: 2006-04-18
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn466; Calibrated: 2009-07-21
- Phantom: HAC Test Arch with Coil; Type: SD HAC P01 BA
- 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 = -35.9 dB A/m

Location: -12, 5.5, 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 = 28.3 dB

ABM1 comp = -7.57 dB A/m

BWC Factor = 0.151969 dB

Location: -12, 5.5, 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 = -7.57 dB A/m

BWC Factor = 0.151969 dB

Location: -12, 5.5, 363.7 mm

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

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

**Cursor:**

ABM2 = -38.3 dB A/m

Location: 4.5, -3, 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 = 36.8 dB

ABM1 comp = -1.48 dB A/m

BWC Factor = 0.151969 dB

Location: 4.5, -3, 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 = -1.48 dB A/m

BWC Factor = 0.151969 dB

Location: 4.5, -3, 363.7 mm

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

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

**Cursor:**

ABM1 comp = 6.45 dB A/m

BWC Factor = 0.152993 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 = -38.8 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

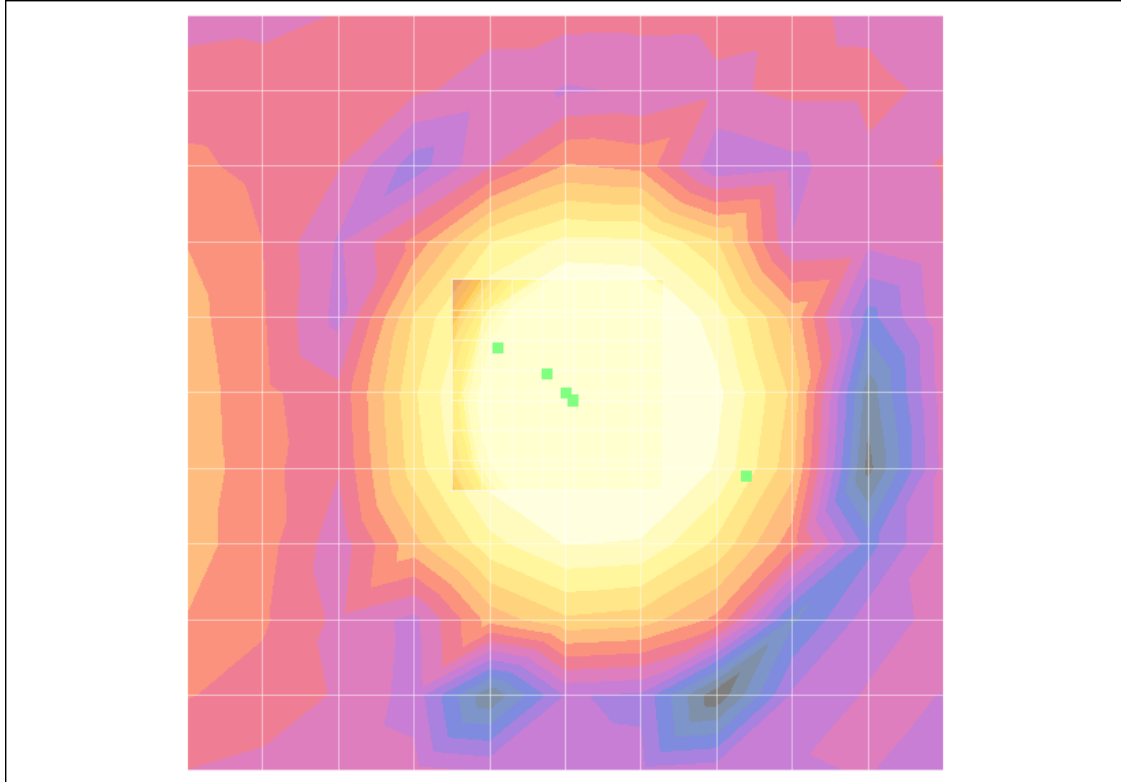
**Cursor:**  
 ABM1/ABM2 = 45.4 dB  
 ABM1 comp = 6.57 dB A/m  
 BWC Factor = 0.151969 dB  
 Location: -0.5, 0.5, 363.7 mm

**Point measurement/z (axial) at max z/ABM Signal(x,y,z) (1x1x1):**  
 Measurement grid: dx=10mm, dy=10mm

**Cursor:**  
 ABM1 comp = 6.57 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 = 6.15 dB A/m  
 BWC Factor = 0.152993 dB  
 Location: 0, 0, 363.7 mm



0 dB = 1.00A/m

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## GSM 1900 512CH

Test Laboratory: HCT  
File Name: [004.da4](#)

**DUT: P7040; Type: Bar**  
**Program Name: HAC\_TCoil\_WD\_Emission**

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

DASY4 Configuration:

- Probe: AM1DV2 - 1013; ; Calibrated: 2006-04-18
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn466; Calibrated: 2009-07-21
- Phantom: HAC Test Arch with Coil; Type: SD HAC P01 BA
- 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 = -38.6 dB A/m

Location: -10, 5.5, 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 = 31.1 dB

ABM1 comp = -7.55 dB A/m

BWC Factor = 0.15103 dB

Location: -10, 5.5, 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 = -7.55 dB A/m

BWC Factor = 0.15103 dB

Location: -10, 5.5, 363.7 mm

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

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

**Cursor:**

ABM2 = -41.8 dB A/m

Location: 4.5, -3, 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 = 40.7 dB

ABM1 comp = -1.15 dB A/m

BWC Factor = 0.15103 dB

Location: 4.5, -3, 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 = -1.15 dB A/m

BWC Factor = 0.15103 dB

Location: 4.5, -3, 363.7 mm

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

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

**Cursor:**

ABM1 comp = 6.47 dB A/m

BWC Factor = 0.151969 dB

Location: -2.5, 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: -0.8, -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 = -40.0 dB A/m  
 Location: -2.5, 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 = 46.6 dB  
 ABM1 comp = 6.57 dB A/m  
 BWC Factor = 0.15103 dB  
 Location: -2.5, 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:**

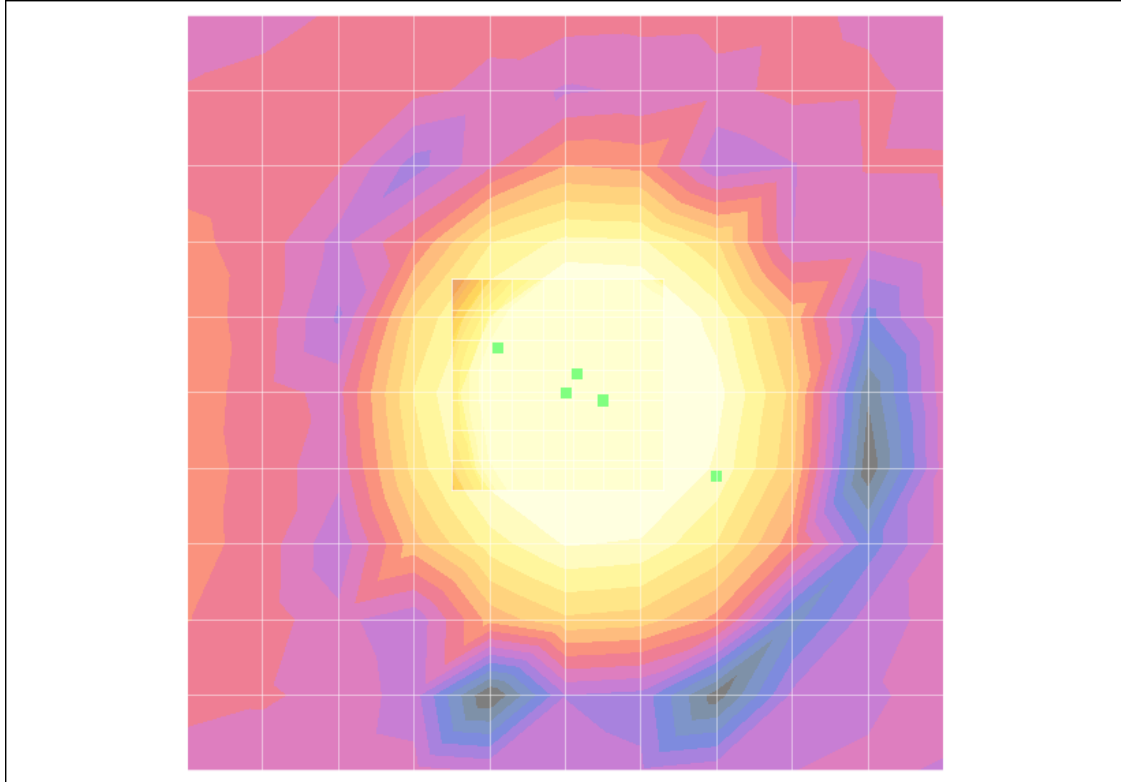
ABM1 comp = 6.57 dB A/m  
 BWC Factor = 0.15103 dB  
 Location: -2.5, 0.5, 363.7 mm

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

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

**Cursor:**

ABM1 comp = 6.12 dB A/m  
 BWC Factor = 0.151969 dB  
 Location: 0, 0, 363.7 mm



0 dB = 1.00A/m

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## GSM 1900 661CH

Test Laboratory: HCT  
File Name: [005.da4](#)

**DUT: P7040; Type: Bar**  
**Program Name: HAC\_TCoil\_WD\_Emission**

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

DASY4 Configuration:

- Probe: AM1DV2 - 1013; ; Calibrated: 2006-04-18
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn466; Calibrated: 2009-07-21
- Phantom: HAC Test Arch with Coil; Type: SD HAC P01 BA
- 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 = -38.5 dB A/m

Location: -10, 5.5, 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 = 31.1 dB

ABM1 comp = -7.37 dB A/m

BWC Factor = 0.151969 dB

Location: -10, 5.5, 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 = -7.37 dB A/m

BWC Factor = 0.151969 dB

Location: -10, 5.5, 363.7 mm

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

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

**Cursor:**

ABM2 = -42.3 dB A/m

Location: 3.5, -3, 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 = 41.1 dB

ABM1 comp = -1.16 dB A/m

BWC Factor = 0.151969 dB

Location: 3.5, -3, 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 = -1.16 dB A/m

BWC Factor = 0.151969 dB

Location: 3.5, -3, 363.7 mm

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

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

**Cursor:**

ABM1 comp = 6.44 dB A/m

BWC Factor = 0.151969 dB

Location: -2.5, 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: -0.8, -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 = -40.4 dB A/m  
 Location: -2.5, 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 = 47.2 dB  
 ABM1 comp = 6.78 dB A/m  
 BWC Factor = 0.151969 dB  
 Location: -2.5, 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:**

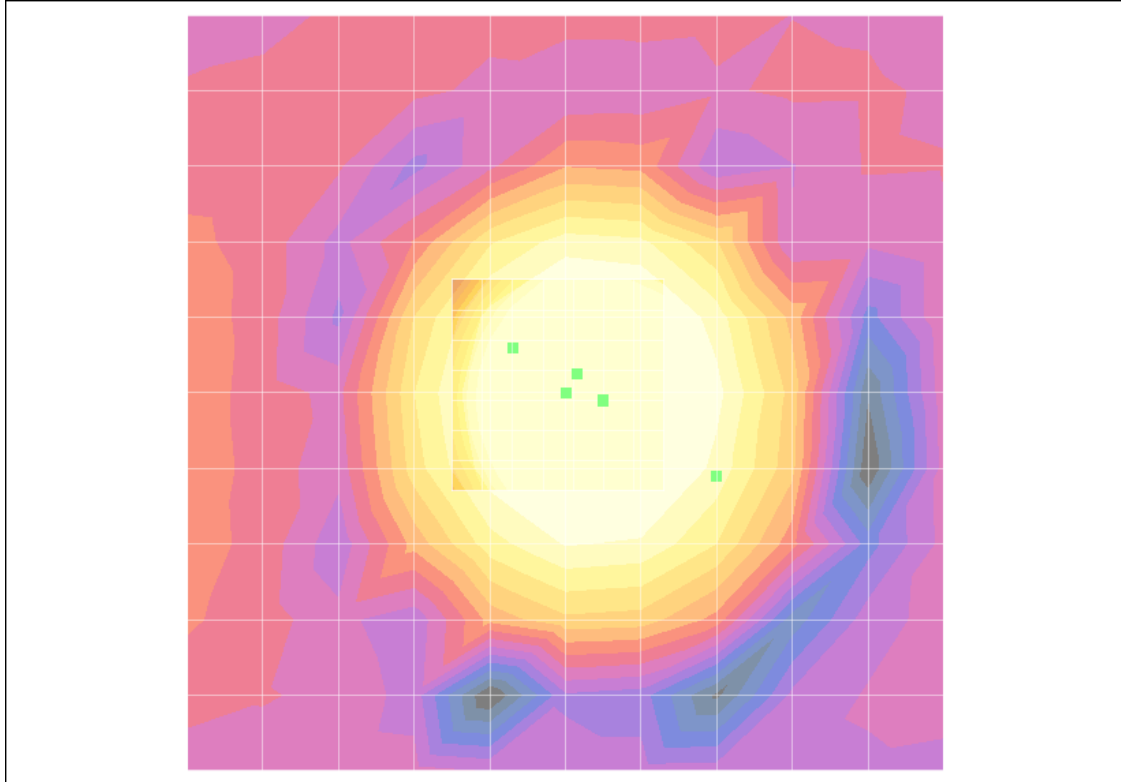
ABM1 comp = 6.78 dB A/m  
 BWC Factor = 0.151969 dB  
 Location: -2.5, 0.5, 363.7 mm

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

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

**Cursor:**

ABM1 comp = 6.17 dB A/m  
 BWC Factor = 0.151969 dB  
 Location: 0, 0, 363.7 mm



0 dB = 1.00A/m

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## GSM 1900 810CH

Test Laboratory: HCT  
File Name: [006.da4](#)

**DUT: P7040; Type: Bar**  
**Program Name: HAC\_TCoil\_WD\_Emission**

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

DASY4 Configuration:

- Probe: AM1DV2 - 1013; ; Calibrated: 2006-04-18
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn466; Calibrated: 2009-07-21
- Phantom: HAC Test Arch with Coil; Type: SD HAC P01 BA
- 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 = -38.9 dB A/m

Location: -10, 3.5, 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 = 31.3 dB

ABM1 comp = -7.62 dB A/m

BWC Factor = 0.151969 dB

Location: -10, 3.5, 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 = -7.62 dB A/m

BWC Factor = 0.151969 dB

Location: -10, 3.5, 363.7 mm

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

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

**Cursor:**

ABM2 = -41.3 dB A/m

Location: 4.5, -3, 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 = 39.9 dB

ABM1 comp = -1.44 dB A/m

BWC Factor = 0.151969 dB

Location: 4.5, -3, 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 = -1.44 dB A/m

BWC Factor = 0.151969 dB

Location: 4.5, -3, 363.7 mm

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

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

**Cursor:**

ABM1 comp = 6.68 dB A/m

BWC Factor = 0.151969 dB

Location: -2.5, 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: -0.8, -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 = -40.4 dB A/m  
 Location: -2.5, 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 = 47.3 dB  
 ABM1 comp = 6.90 dB A/m  
 BWC Factor = 0.151969 dB  
 Location: -2.5, 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:**

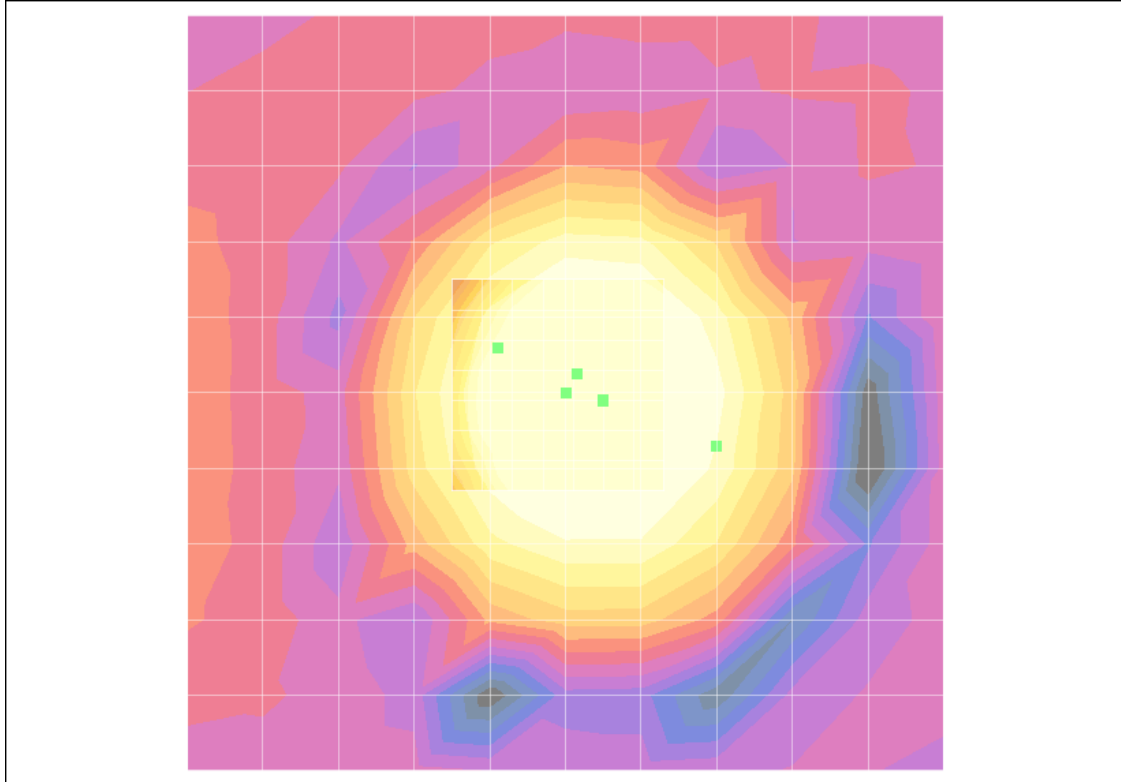
ABM1 comp = 6.90 dB A/m  
 BWC Factor = 0.151969 dB  
 Location: -2.5, 0.5, 363.7 mm

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

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

**Cursor:**

ABM1 comp = 6.33 dB A/m  
 BWC Factor = 0.151969 dB  
 Location: 0, 0, 363.7 mm



0 dB = 1.00A/m

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## WCDMA 850 4132CH

Test Laboratory: HCT  
 File Name: [007.da4](#)

**DUT: P7040; Type: Bar**  
**Program Name: HAC\_TCoil\_WD\_Emission**

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

**DASY4 Configuration:**

- Probe: AM1DV2 - 1013; ; Calibrated: 2006-04-18
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn466; Calibrated: 2009-07-21
- Phantom: HAC Test Arch with Coil; Type: SD HAC P01 BA
- 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 = -48.7 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 = 49.4 dB

ABM1 comp = 0.733 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 = 0.733 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 = -50.8 dB A/m

Location: -0.5, -8, 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 = 49.2 dB

ABM1 comp = -1.56 dB A/m

BWC Factor = 0.152993 dB

Location: -0.5, -8, 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 = -1.56 dB A/m

BWC Factor = 0.152993 dB

Location: -0.5, -8, 363.7 mm

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

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

**Cursor:**

ABM1 comp = 6.05 dB A/m

BWC Factor = 0.152993 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 = 1.16 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

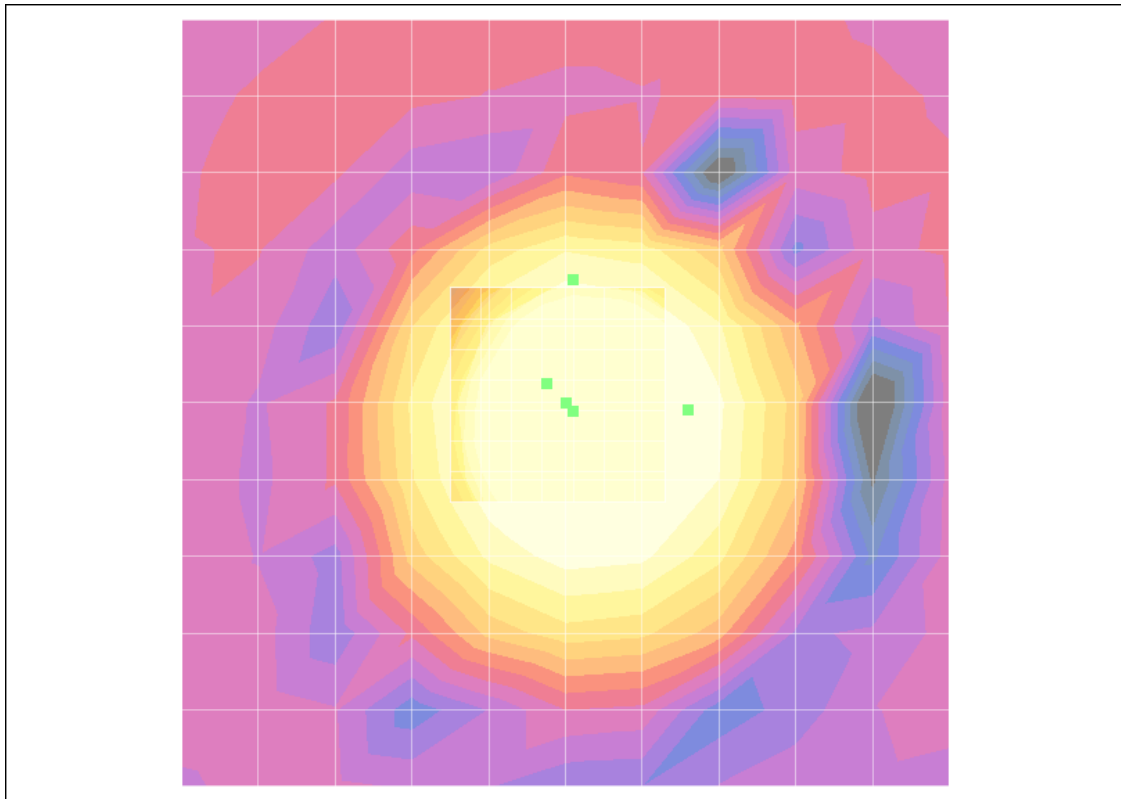
**Cursor:**  
 ABM1/ABM2 = 51.9 dB  
 ABM1 comp = 6.38 dB A/m  
 BWC Factor = 0.152993 dB  
 Location: -0.5, 0.5, 363.7 mm

**Point measurement/z (axial) at max z/ABM Signal(x,y,z) (1x1x1):**  
 Measurement grid: dx=10mm, dy=10mm

**Cursor:**  
 ABM1 comp = 6.38 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 = 5.83 dB A/m  
 BWC Factor = 0.152993 dB  
 Location: 0, 0, 363.7 mm



0 dB = 1.00A/m

<b>Report No.:</b>	HCTA0910FT01	<b>FCC ID:</b>	JYCP7040	<b>Date of Issue:</b>	Oct. 23,2009
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## WCDMA 850 4183CH

Test Laboratory: HCT  
 File Name: [008.da4](#)

**DUT: P7040; Type: Bar**  
**Program Name: HAC\_TCoil\_WD\_Emission**

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

**DASY4 Configuration:**

- Probe: AM1DV2 - 1013; ; Calibrated: 2006-04-18
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn466; Calibrated: 2009-07-21
- Phantom: HAC Test Arch with Coil; Type: SD HAC P01 BA
- 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 = -48.1 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 = 48.8 dB

ABM1 comp = 0.696 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 = 0.696 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 = -50.7 dB A/m

Location: -2.5, -8, 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 = 49.2 dB

ABM1 comp = -1.46 dB A/m

BWC Factor = 0.152993 dB

Location: -2.5, -8, 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 = -1.46 dB A/m

BWC Factor = 0.152993 dB

Location: -2.5, -8, 363.7 mm

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

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

**Cursor:**

ABM1 comp = 6.21 dB A/m

BWC Factor = 0.152993 dB

Location: -2.5, 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 = 1.24 dB  
 BWC Factor = 10.8 dB  
 Location: -0.8, -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: -2.5, 0.5, 363.7 mm

**Point measurement/z (axial) at max z/ABM SNR(x,y,z) (1x1x1):**  
 Measurement grid: dx=10mm, dy=10mm

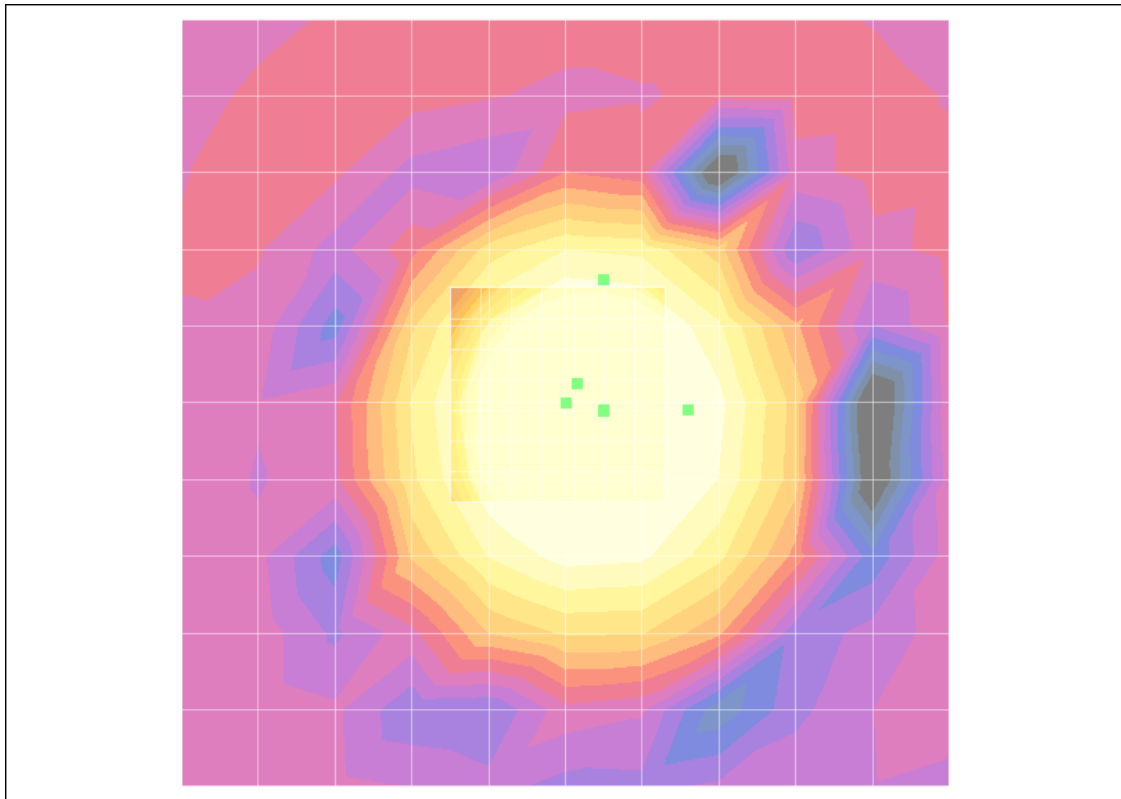
**Cursor:**  
 ABM1/ABM2 = 52.3 dB  
 ABM1 comp = 6.42 dB A/m  
 BWC Factor = 0.152993 dB  
 Location: -2.5, 0.5, 363.7 mm

**Point measurement/z (axial) at max z/ABM Signal(x,y,z) (1x1x1):**  
 Measurement grid: dx=10mm, dy=10mm

**Cursor:**  
 ABM1 comp = 6.42 dB A/m  
 BWC Factor = 0.152993 dB  
 Location: -2.5, 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 = 6.14 dB A/m  
 BWC Factor = 0.152993 dB  
 Location: 0, 0, 363.7 mm



0 dB = 1.00A/m

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## WCDMA 850 4233CH

Test Laboratory: HCT  
 File Name: [009.da4](#)

**DUT: P7040; Type: Bar**  
**Program Name: HAC\_TCoil\_WD\_Emission**

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

**DASY4 Configuration:**

- Probe: AM1DV2 - 1013; ; Calibrated: 2006-04-18
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn466; Calibrated: 2009-07-21
- Phantom: HAC Test Arch with Coil; Type: SD HAC P01 BA
- 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 = -47.1 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 = 47.8 dB  
 ABM1 comp = 0.661 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 = 0.661 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 = -49.8 dB A/m  
 Location: -0.5, -8, 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 = 48.3 dB  
 ABM1 comp = -1.50 dB A/m  
 BWC Factor = 0.152993 dB  
 Location: -0.5, -8, 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 = -1.50 dB A/m  
 BWC Factor = 0.152993 dB  
 Location: -0.5, -8, 363.7 mm

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

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

**Cursor:**

ABM1 comp = 6.04 dB A/m  
 BWC Factor = 0.152993 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 = 1.15 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

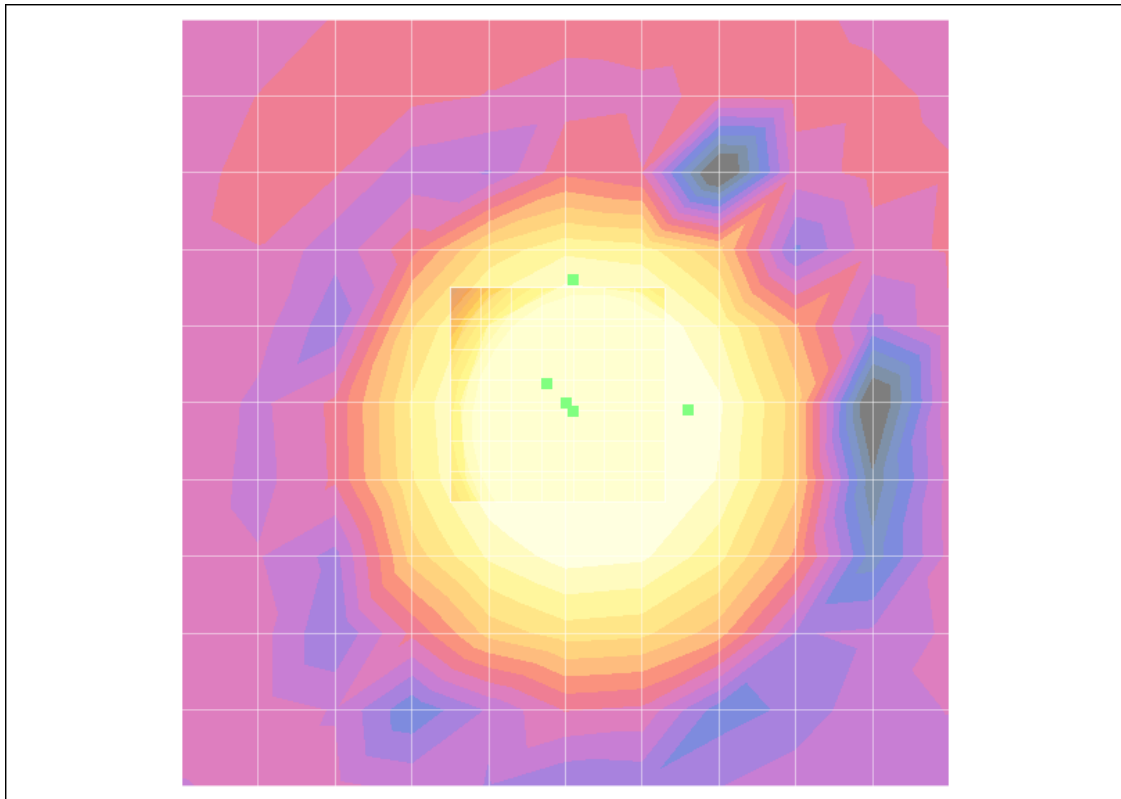
**Cursor:**  
 ABM1/ABM2 = 51.3 dB  
 ABM1 comp = 6.18 dB A/m  
 BWC Factor = 0.152993 dB  
 Location: -0.5, 0.5, 363.7 mm

**Point measurement/z (axial) at max z/ABM Signal(x,y,z) (1x1x1):**  
 Measurement grid: dx=10mm, dy=10mm

**Cursor:**  
 ABM1 comp = 6.18 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 = 5.66 dB A/m  
 BWC Factor = 0.152993 dB  
 Location: 0, 0, 363.7 mm



0 dB = 1.00A/m

<b>Report No.:</b>	HCTA0910FT01	<b>FCC ID:</b>	JYCP7040	<b>Date of Issue:</b>	Oct. 23,2009
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## WCDMA 1900 9262CH

Test Laboratory: HCT  
 File Name: [010.da4](#)

**DUT: P7040; Type: Bar**  
**Program Name: HAC\_TCoil\_WD\_Emission**

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

**DASY4 Configuration:**

- Probe: AM1DV2 - 1013; ; Calibrated: 2006-04-18
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn466; Calibrated: 2009-07-21
- Phantom: HAC Test Arch with Coil; Type: SD HAC P01 BA
- 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 = -47.4 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 = 48.5 dB  
 ABM1 comp = 1.07 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 = 1.07 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 = -50.1 dB A/m  
 Location: -3.5, 8, 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 = 48.6 dB  
 ABM1 comp = -1.44 dB A/m  
 BWC Factor = 0.152993 dB  
 Location: -3.5, 8, 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 = -1.44 dB A/m  
 BWC Factor = 0.152993 dB  
 Location: -3.5, 8, 363.7 mm

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

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

**Cursor:**

ABM1 comp = 5.92 dB A/m  
 BWC Factor = 0.152993 dB  
 Location: -2.5, 0.5, 363.7 mm

<b>Report No.:</b>	HCTA0910FT01	<b>FCC ID:</b>	JYCP7040	<b>Date of Issue:</b>	Oct. 23,2009
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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 = 1.21 dB  
 BWC Factor = 10.8 dB  
 Location: -0.8, -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 = -43.3 dB A/m  
 Location: -2.5, 0.5, 363.7 mm

**Point measurement/z (axial) at max z/ABM SNR(x,y,z) (1x1x1):**  
 Measurement grid: dx=10mm, dy=10mm

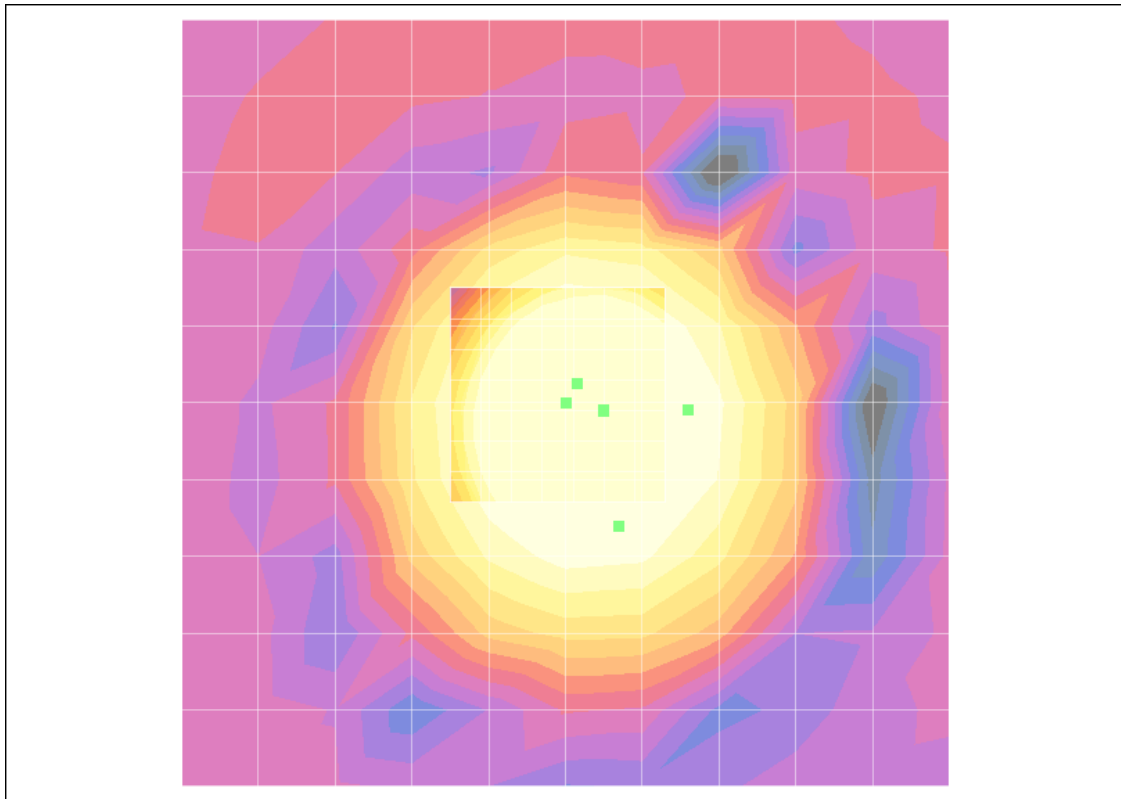
**Cursor:**  
 ABM1/ABM2 = 50.4 dB  
 ABM1 comp = 7.09 dB A/m  
 BWC Factor = 0.152993 dB  
 Location: -2.5, 0.5, 363.7 mm

**Point measurement/z (axial) at max z/ABM Signal(x,y,z) (1x1x1):**  
 Measurement grid: dx=10mm, dy=10mm

**Cursor:**  
 ABM1 comp = 7.09 dB A/m  
 BWC Factor = 0.152993 dB  
 Location: -2.5, 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 = 5.70 dB A/m  
 BWC Factor = 0.152993 dB  
 Location: 0, 0, 363.7 mm



0 dB = 1.00A/m

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## WCDMA 1900 9400CH

Test Laboratory: HCT  
 File Name: [011.da4](#)

**DUT: P7040; Type: Bar**  
**Program Name: HAC\_TCoil\_WD\_Emission**

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

**DASY4 Configuration:**

- Probe: AM1DV2 - 1013; ; Calibrated: 2006-04-18
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn466; Calibrated: 2009-07-21
- Phantom: HAC Test Arch with Coil; Type: SD HAC P01 BA
- 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 = -49.6 dB A/m  
 Location: -10, -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 = 49.7 dB  
 ABM1 comp = 0.039 dB A/m  
 BWC Factor = 0.152993 dB  
 Location: -10, -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 = 0.039 dB A/m  
 BWC Factor = 0.152993 dB  
 Location: -10, -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 = -50.8 dB A/m  
 Location: -3.5, 8, 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 = 48.8 dB  
 ABM1 comp = -1.99 dB A/m  
 BWC Factor = 0.152993 dB  
 Location: -3.5, 8, 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 = -1.99 dB A/m  
 BWC Factor = 0.152993 dB  
 Location: -3.5, 8, 363.7 mm

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

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

**Cursor:**

ABM1 comp = 4.07 dB A/m  
 BWC Factor = 0.152993 dB  
 Location: 1.5, -1.5, 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 = 1.17 dB  
 BWC Factor = 10.8 dB  
 Location: 3.2, -3.2, 365 mm

**Point measurement/z (axial) at max z/ABM Noise(x,y,z) (1x1x1):**  
 Measurement grid: dx=10mm, dy=10mm

**Cursor:**  
 ABM2 = -48.1 dB A/m  
 Location: 1.5, -1.5, 363.7 mm

**Point measurement/z (axial) at max z/ABM SNR(x,y,z) (1x1x1):**  
 Measurement grid: dx=10mm, dy=10mm

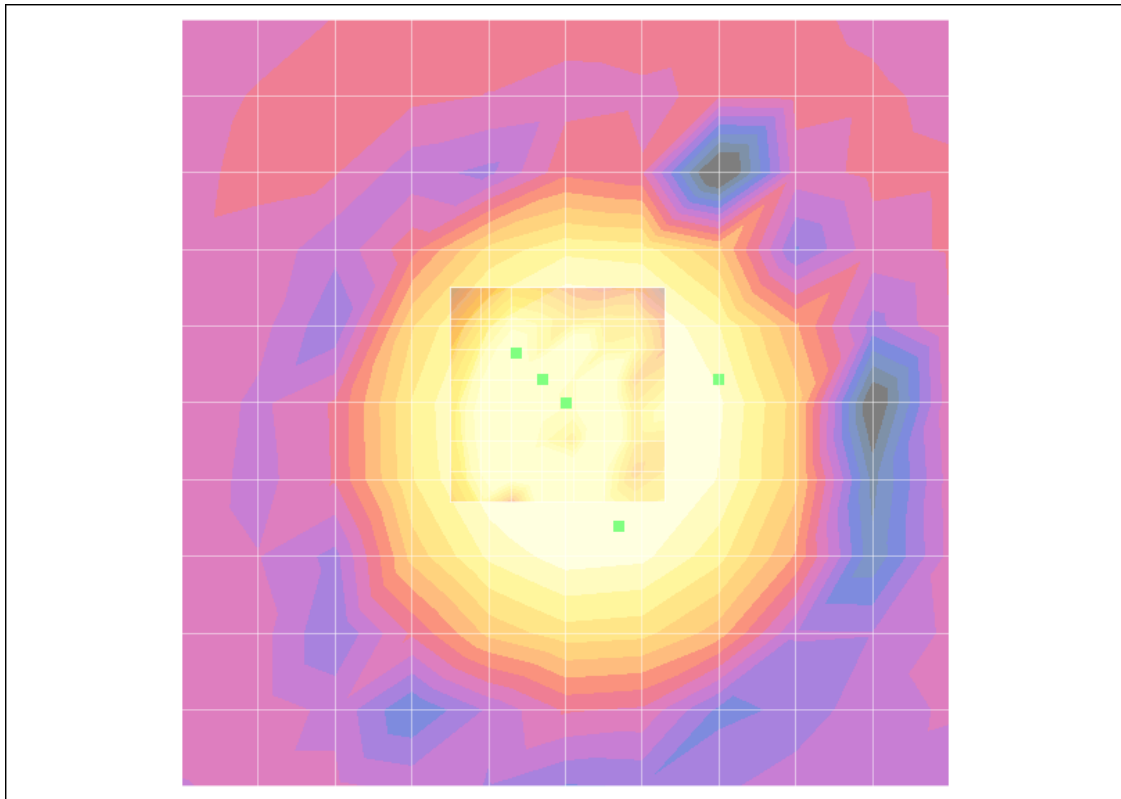
**Cursor:**  
 ABM1/ABM2 = 52.2 dB  
 ABM1 comp = 4.12 dB A/m  
 BWC Factor = 0.152993 dB  
 Location: 1.5, -1.5, 363.7 mm

**Point measurement/z (axial) at max z/ABM Signal(x,y,z) (1x1x1):**  
 Measurement grid: dx=10mm, dy=10mm

**Cursor:**  
 ABM1 comp = 4.12 dB A/m  
 BWC Factor = 0.152993 dB  
 Location: 1.5, -1.5, 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 = 5.44 dB A/m  
 BWC Factor = 0.152993 dB  
 Location: 0, 0, 363.7 mm



0 dB = 1.00A/m

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## WCDMA 1900 9538CH

Test Laboratory: HCT  
File Name: [012.da4](#)

**DUT: P7040; Type: Bar**  
**Program Name: HAC\_TCoil\_WD\_Emission**

Communication System: WCDMA1900; Frequency: 1907.6<sub>3</sub>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

**DASY4 Configuration:**

- Probe: AM1DV2 - 1013; ; Calibrated: 2006-04-18
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn466; Calibrated: 2009-07-21
- Phantom: HAC Test Arch with Coil; Type: SD HAC P01 BA
- 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 = -49.4 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 = 50.2 dB

ABM1 comp = 0.734 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 = 0.734 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 = -50.9 dB A/m

Location: -2.5, -8, 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 = 49.7 dB

ABM1 comp = -1.25 dB A/m

BWC Factor = 0.152993 dB

Location: -2.5, -8, 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 = -1.25 dB A/m

BWC Factor = 0.152993 dB

Location: -2.5, -8, 363.7 mm

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

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

**Cursor:**

ABM1 comp = 4.57 dB A/m

BWC Factor = 0.151969 dB

Location: -4.5, 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 = 1.38 dB  
 BWC Factor = 10.8 dB  
 Location: -2.8, 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 = -47.7 dB A/m  
 Location: -4.5, 2.5, 363.7 mm

**Point measurement/z (axial) at max z/ABM SNR(x,y,z) (1x1x1):**  
 Measurement grid: dx=10mm, dy=10mm

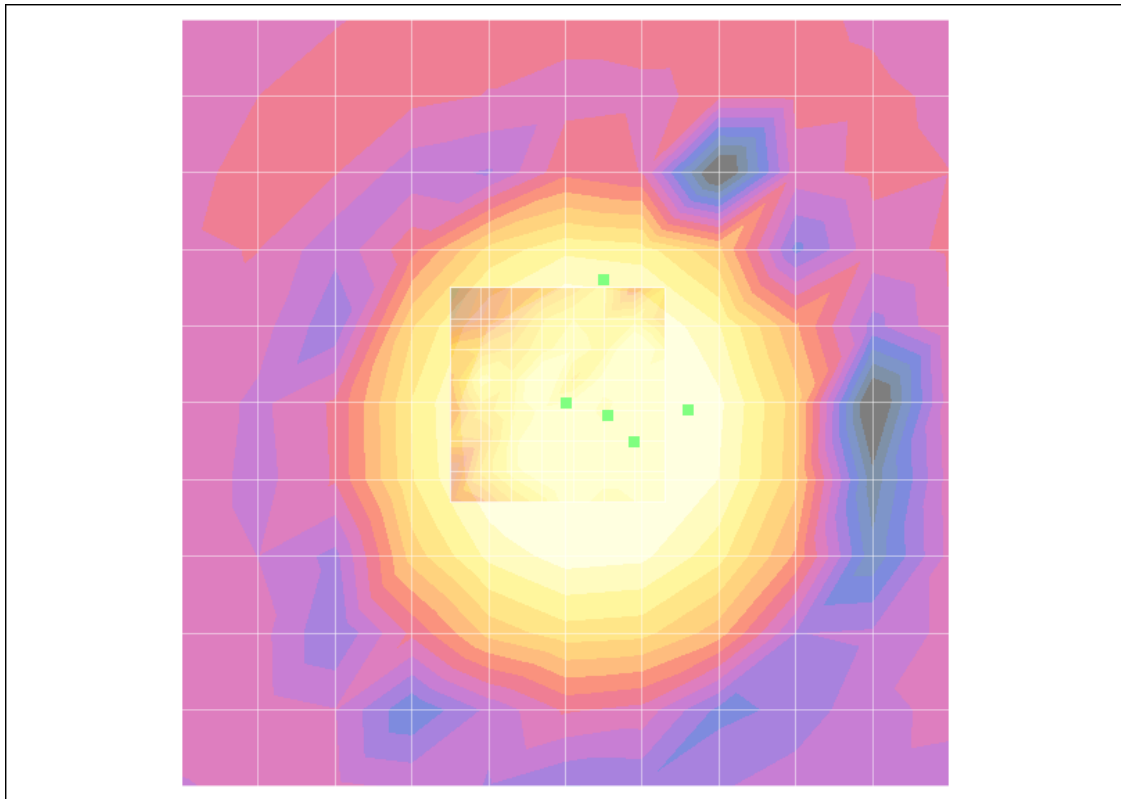
**Cursor:**  
 ABM1/ABM2 = 52.7 dB  
 ABM1 comp = 5.02 dB A/m  
 BWC Factor = 0.152993 dB  
 Location: -4.5, 2.5, 363.7 mm

**Point measurement/z (axial) at max z/ABM Signal(x,y,z) (1x1x1):**  
 Measurement grid: dx=10mm, dy=10mm

**Cursor:**  
 ABM1 comp = 5.02 dB A/m  
 BWC Factor = 0.152993 dB  
 Location: -4.5, 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 = 5.66 dB A/m  
 BWC Factor = 0.151969 dB  
 Location: 0, 0, 363.7 mm



0 dB = 1.00A/m