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**Appendix D**

**Contour Plots**

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## CDMA835 (1013CH )

Test Laboratory: HCT  
 File Name: [001\\_1013ch.da4](#)

**DUT: A200; Type: folder**  
**Program Name: HAC\_TCoil\_WD\_Emission**

Communication System: CDMA 835MHz FCC; Frequency: 824.7 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: 2008-07-17
- 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 = -49.1 dB A/m

Location: 5, -8.5, 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 = 55.6 dB

ABM1 comp = 6.44 dB A/m

BWC Factor = 0.152993 dB

Location: 5, -8.5, 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 = 6.44 dB A/m

BWC Factor = 0.152993 dB

Location: 5, -8.5, 363.7 mm

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

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

**Cursor:**

ABM2 = -51.8 dB A/m

Location: 1.5, -17, 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 = 59.5 dB

ABM1 comp = 7.76 dB A/m

BWC Factor = 0.152993 dB

Location: 1.5, -17, 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 = 7.76 dB A/m

BWC Factor = 0.152993 dB

Location: 1.5, -17, 363.7 mm

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

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

**Cursor:**

ABM1 comp = 16.1 dB A/m

BWC Factor = 0.152993 dB

Location: 1.5, -8.5, 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 = 1.27 dB  
 BWC Factor = 10.8 dB  
 Location: 3.2, -10.2, 365 mm

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

**Cursor:**  
 ABM2 = -43.5 dB A/m  
 Location: 1.5, -8.5, 363.7 mm

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

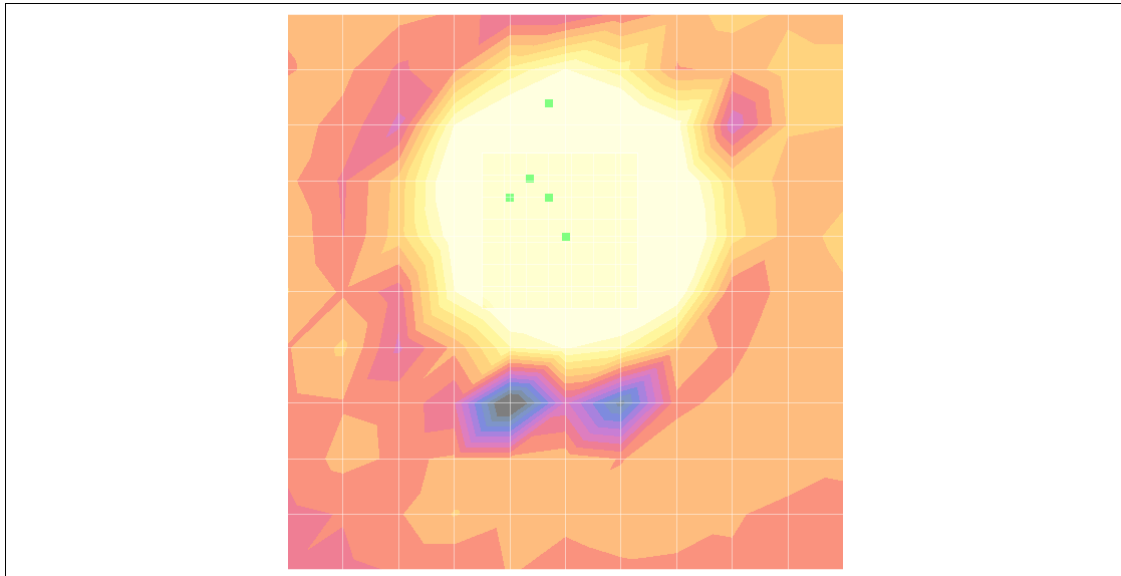
**Cursor:**  
 ABM1/ABM2 = 57.0 dB  
 ABM1 comp = 13.5 dB A/m  
 BWC Factor = 0.152993 dB  
 Location: 1.5, -8.5, 363.7 mm

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

**Cursor:**  
 ABM1 comp = 13.5 dB A/m  
 BWC Factor = 0.152993 dB  
 Location: 1.5, -8.5, 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 = 15.6 dB A/m  
 BWC Factor = 0.152993 dB  
 Location: 0, -5, 363.7 mm



0 dB = 1.00A/m

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## CDMA835 (384CH)

Test Laboratory: HCT  
File Name: [002\\_384ch.da4](#)

DUT: A200; Type: folder  
Program Name: HAC\_TCoil\_WD\_Emission

Communication System: CDMA 835MHz FCC; Frequency: 836.52 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: 2008-07-17
- 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 = -48.3 dB A/m

Location: -8, -11.5, 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 = 56.0 dB

ABM1 comp = 7.72 dB A/m

BWC Factor = 0.151969 dB

Location: -8, -11.5, 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 = 7.72 dB A/m

BWC Factor = 0.151969 dB

Location: -8, -11.5, 363.7 mm

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

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

#### Cursor:

ABM2 = -53.6 dB A/m

Location: -4.5, 0, 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 = 60.9 dB

ABM1 comp = 7.31 dB A/m

BWC Factor = 0.151969 dB

Location: -4.5, 0, 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 = 7.31 dB A/m

BWC Factor = 0.151969 dB

Location: -4.5, 0, 363.7 mm

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

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

#### Cursor:

ABM1 comp = 15.9 dB A/m

BWC Factor = 0.151969 dB

Location: -1.5, -7.5, 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 = 1.04 dB

BWC Factor = 10.8 dB

Location: 0.2, -9.2, 365 mm

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

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

**Cursor:**

ABM2 = -42.3 dB A/m

Location: -1.5, -7.5, 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 = 57.1 dB

ABM1 comp = 14.8 dB A/m

BWC Factor = 0.151969 dB

Location: -1.5, -7.5, 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 = 14.8 dB A/m

BWC Factor = 0.151969 dB

Location: -1.5, -7.5, 363.7 mm

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

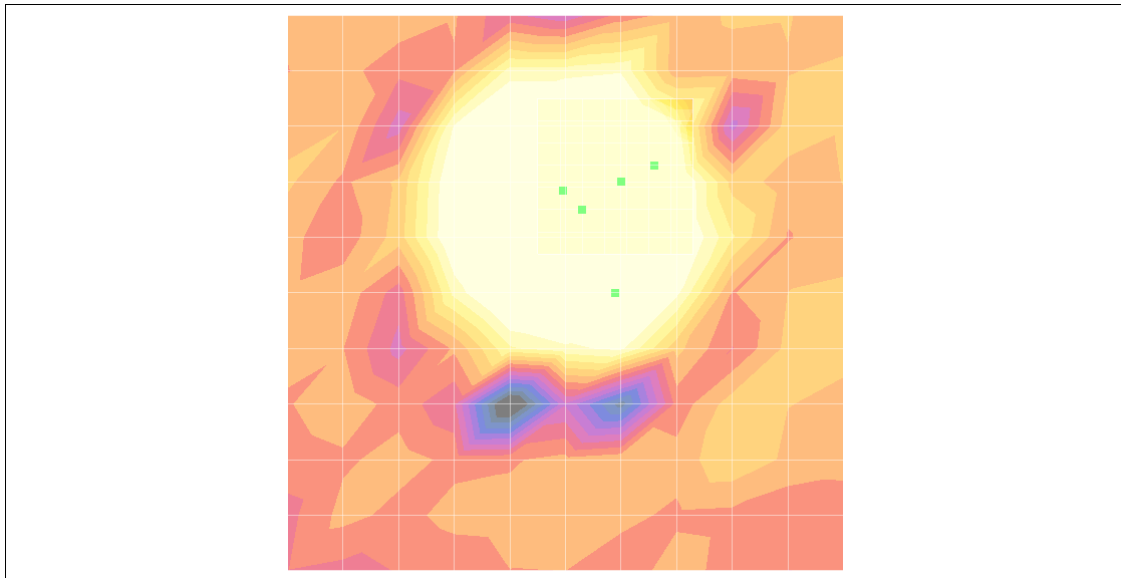
Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM1 comp = 15.4 dB A/m

BWC Factor = 0.151969 dB

Location: -5, -10, 363.7 mm



0 dB = 1.00A/m

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## CDMA800 (777CH)

Test Laboratory: HCT  
File Name: [003\\_777ch.da4](#)

DUT: A200; Type: folder  
Program Name: HAC\_TCoil\_WD\_Emission

Communication System: CDMA 835MHz FCC; Frequency: 848.31 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: 2008-07-17
- 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 = -46.8 dB A/m  
Location: -6, -10.5, 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 = 53.4 dB  
ABM1 comp = 6.57 dB A/m  
BWC Factor = 0.151969 dB  
Location: -6, -10.5, 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 = 6.57 dB A/m  
BWC Factor = 0.151969 dB  
Location: -6, -10.5, 363.7 mm

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

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

#### Cursor:

ABM2 = -53.2 dB A/m  
Location: -2.5, 0, 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 = 60.2 dB  
ABM1 comp = 7.06 dB A/m  
BWC Factor = 0.151969 dB  
Location: -2.5, 0, 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 = 7.06 dB A/m  
BWC Factor = 0.151969 dB  
Location: -2.5, 0, 363.7 mm

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

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

#### Cursor:

ABM1 comp = 16.1 dB A/m  
BWC Factor = 0.151969 dB  
Location: 1.5, -8.5, 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 = 1.22 dB  
BWC Factor = 10.8 dB  
Location: 3.2, -10.2, 365 mm

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

**Cursor:**  
ABM2 = -42.4 dB A/m  
Location: 1.5, -8.5, 363.7 mm

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

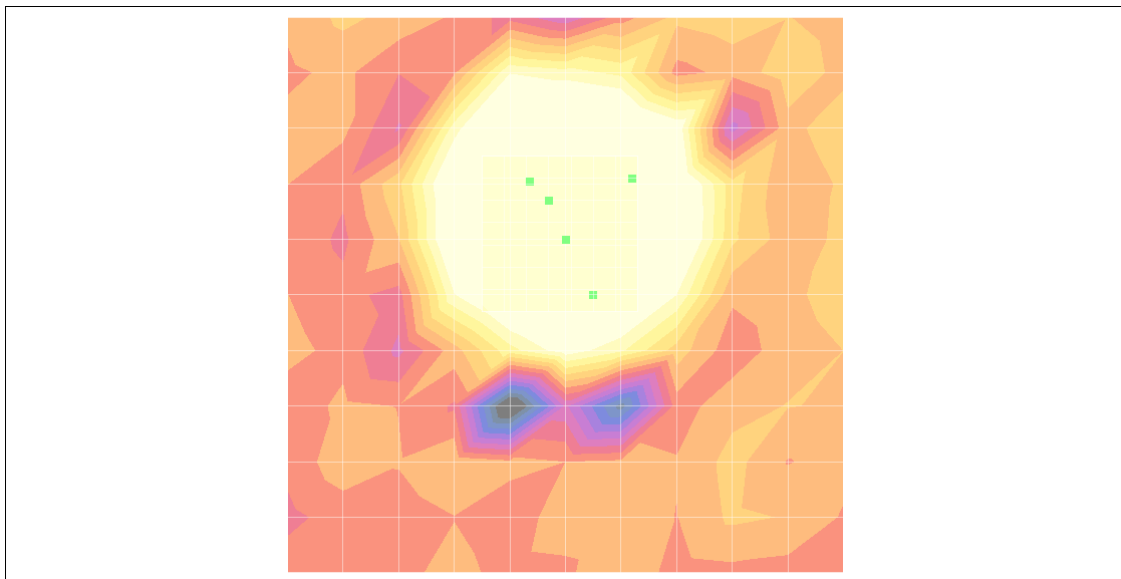
**Cursor:**  
ABM1/ABM2 = 56.6 dB  
ABM1 comp = 14.2 dB A/m  
BWC Factor = 0.151969 dB  
Location: 1.5, -8.5, 363.7 mm

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

**Cursor:**  
ABM1 comp = 14.2 dB A/m  
BWC Factor = 0.151969 dB  
Location: 1.5, -8.5, 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 = 13.6 dB A/m  
BWC Factor = 0.151969 dB  
Location: 0, -5, 363.7 mm



0 dB = 1.00A/m

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## PCS1900 (25CH )

Test Laboratory: HCT  
File Name: [004\\_25ch.da4](#)

DUT: A200; Type: folder  
Program Name: HAC\_TCoil\_WD\_Emission

Communication System: PCS 1900MHz FCC; Frequency: 1851.25 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: 2008-07-17
- 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 = -45.3 dB A/m  
Location: -6, -9.5, 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 = 53.2 dB  
ABM1 comp = 7.86 dB A/m  
BWC Factor = 0.151969 dB  
Location: -6, -9.5, 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 = 7.86 dB A/m  
BWC Factor = 0.151969 dB  
Location: -6, -9.5, 363.7 mm

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

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

#### Cursor:

ABM2 = -53.5 dB A/m  
Location: -4.5, 0, 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 = 59.1 dB  
ABM1 comp = 5.64 dB A/m  
BWC Factor = 0.151969 dB  
Location: -4.5, 0, 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 = 5.64 dB A/m  
BWC Factor = 0.151969 dB  
Location: -4.5, 0, 363.7 mm

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

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

#### Cursor:

ABM1 comp = 17.1 dB A/m  
BWC Factor = 0.151969 dB  
Location: -2.5, -6.5, 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 = 1.31 dB  
 BWC Factor = 10.8 dB  
 Location: -0.8, -8.2, 365 mm

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

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

**Cursor:**

ABM2 = -38.9 dB A/m  
 Location: -2.5, -6.5, 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 = 53.2 dB  
 ABM1 comp = 14.4 dB A/m  
 BWC Factor = 0.151969 dB  
 Location: -2.5, -6.5, 363.7 mm

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

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

**Cursor:**

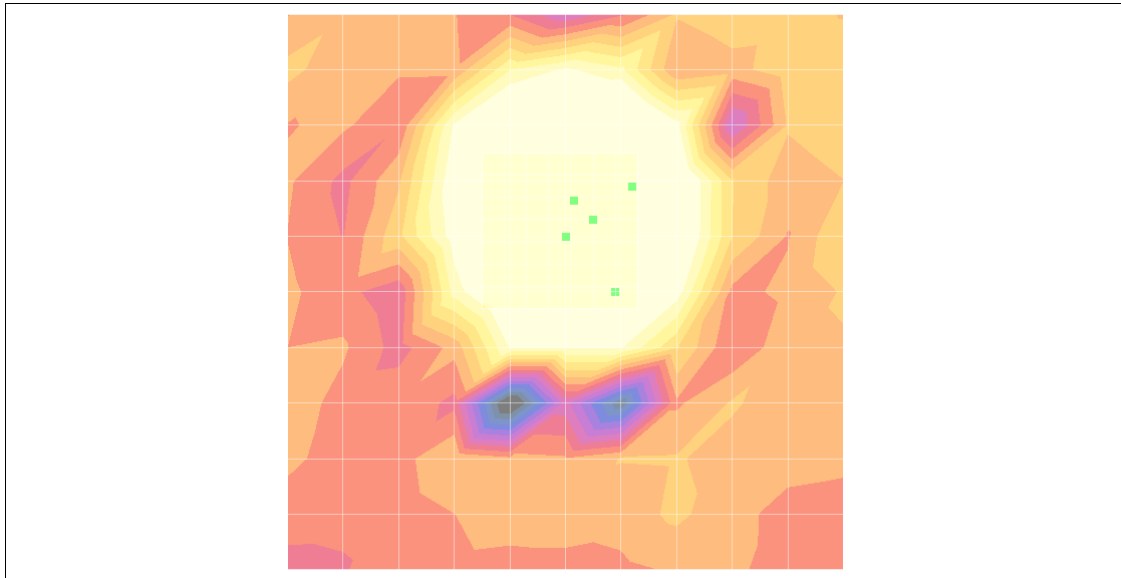
ABM1 comp = 14.4 dB A/m  
 BWC Factor = 0.151969 dB  
 Location: -2.5, -6.5, 363.7 mm

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

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

**Cursor:**

ABM1 comp = 16.5 dB A/m  
 BWC Factor = 0.151969 dB  
 Location: 0, -5, 363.7 mm



0 dB = 1.00A/m

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## PCS1900 (600CH)

Test Laboratory: HCT  
File Name: [005\\_600ch.da4](#)

DUT: A200; Type: folder  
Program Name: HAC\_TCoil\_WD\_Emission

Communication System: PCS 1900MHz FCC; 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: 2008-07-17
- 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 = -44.9 dB A/m  
Location: -8, -7.5, 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 = 52.7 dB  
ABM1 comp = 7.87 dB A/m  
BWC Factor = 0.152993 dB  
Location: -8, -7.5, 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 = 7.87 dB A/m  
BWC Factor = 0.152993 dB  
Location: -8, -7.5, 363.7 mm

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

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

#### Cursor:

ABM2 = -52.1 dB A/m  
Location: 1.5, 0, 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 = 59.6 dB  
ABM1 comp = 7.52 dB A/m  
BWC Factor = 0.152993 dB  
Location: 1.5, 0, 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 = 7.52 dB A/m  
BWC Factor = 0.152993 dB  
Location: 1.5, 0, 363.7 mm

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

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

#### Cursor:

ABM1 comp = 16.3 dB A/m  
BWC Factor = 0.152993 dB  
Location: -3.5, -7.5, 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 = 1.19 dB  
 BWC Factor = 10.8 dB  
 Location: -1.8, -9.2, 365 mm

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

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

**Cursor:**

ABM2 = -36.8 dB A/m  
 Location: -3.5, -7.5, 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 = 51.5 dB  
 ABM1 comp = 14.7 dB A/m  
 BWC Factor = 0.152993 dB  
 Location: -3.5, -7.5, 363.7 mm

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

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

**Cursor:**

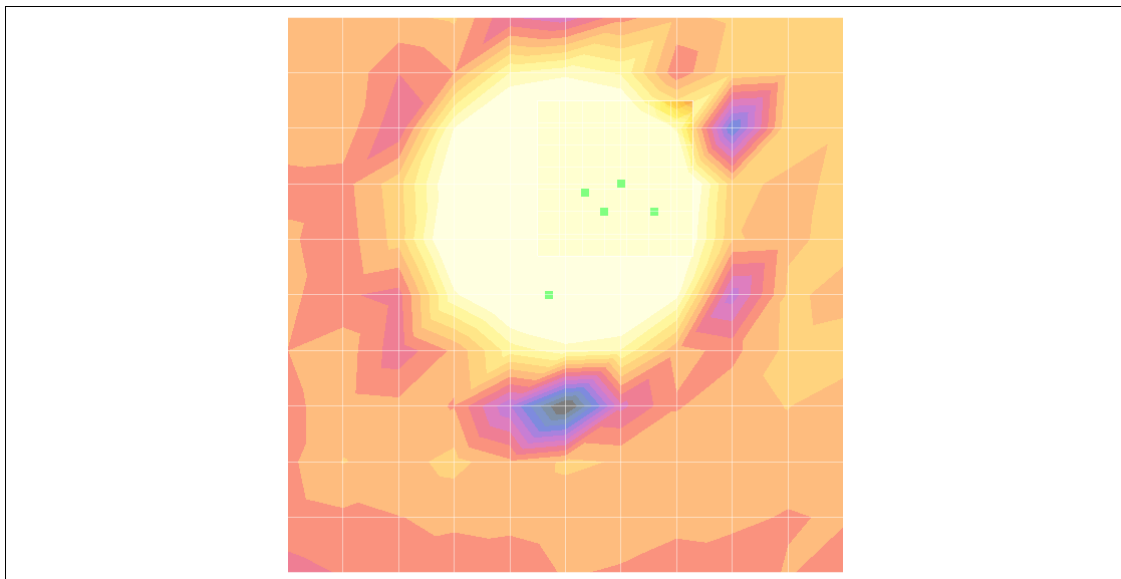
ABM1 comp = 14.7 dB A/m  
 BWC Factor = 0.152993 dB  
 Location: -3.5, -7.5, 363.7 mm

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

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

**Cursor:**

ABM1 comp = 14.7 dB A/m  
 BWC Factor = 0.152993 dB  
 Location: -5, -10, 363.7 mm



0 dB = 1.00A/m

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## PCS1900 (1175CH )

Test Laboratory: HCT  
File Name: [006\\_1175ch.da4](#)

DUT: A200; Type: folder  
Program Name: HAC\_TCoil\_WD\_Emission

Communication System: PCS 1900MHz FCC; Frequency: 1908.75 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: 2008-07-17
- 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 = -41.7 dB A/m  
Location: -6, -7.5, 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 = 7.97 dB A/m  
BWC Factor = 0.152993 dB  
Location: -6, -7.5, 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 = 7.97 dB A/m  
BWC Factor = 0.152993 dB  
Location: -6, -7.5, 363.7 mm

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

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

#### Cursor:

ABM2 = -53.2 dB A/m  
Location: -4.5, -2, 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 = 60.1 dB  
ABM1 comp = 6.87 dB A/m  
BWC Factor = 0.152993 dB  
Location: -4.5, -2, 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 = 6.87 dB A/m  
BWC Factor = 0.152993 dB  
Location: -4.5, -2, 363.7 mm

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

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

#### Cursor:

ABM1 comp = 16.4 dB A/m  
BWC Factor = 0.151969 dB  
Location: -0.5, -10.5, 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 = 1.03 dB  
 BWC Factor = 10.8 dB  
 Location: 1.2, -12.2, 365 mm

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

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

**Cursor:**

ABM2 = -38.6 dB A/m  
 Location: -0.5, -10.5, 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 = 53.7 dB  
 ABM1 comp = 15.0 dB A/m  
 BWC Factor = 0.152993 dB  
 Location: -0.5, -10.5, 363.7 mm

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

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

**Cursor:**

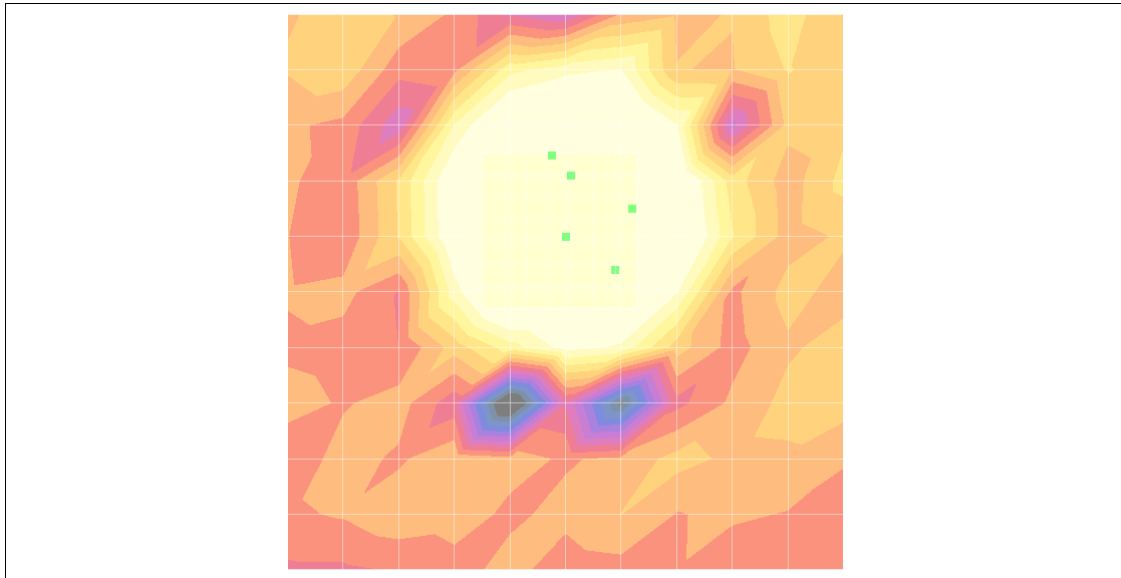
ABM1 comp = 15.0 dB A/m  
 BWC Factor = 0.152993 dB  
 Location: -0.5, -10.5, 363.7 mm

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

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

**Cursor:**

ABM1 comp = 16.8 dB A/m  
 BWC Factor = 0.151969 dB  
 Location: 0, -5, 363.7 mm



0 dB = 1.00A/m

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## AWS1700 (25CH)

Test Laboratory: HCT  
 File Name: [007\\_AWS\\_25ch.da4](#)

**DUT: A200; Type: folder**  
**Program Name: HAC\_TCoil\_WD\_Emission**

Communication System: AWS 1700 MHz FCC; Frequency: 1711.25 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: 2008-07-17
- 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 = -49.5 dB A/m  
 Location: 8, -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 = 55.3 dB  
 ABM1 comp = 5.84 dB A/m  
 BWC Factor = 0.152993 dB  
 Location: 8, -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 = 5.84 dB A/m  
 BWC Factor = 0.152993 dB  
 Location: 8, -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 = -53.2 dB A/m  
 Location: -0.5, 2, 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 = 61.8 dB  
 ABM1 comp = 8.54 dB A/m  
 BWC Factor = 0.152993 dB  
 Location: -0.5, 2, 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 = 8.54 dB A/m  
 BWC Factor = 0.152993 dB  
 Location: -0.5, 2, 363.7 mm

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

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

**Cursor:**

ABM1 comp = 16.6 dB A/m  
 BWC Factor = 0.151969 dB  
 Location: -0.5, -8.5, 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 = 1.62 dB  
 BWC Factor = 10.8 dB  
 Location: 1.2, -10.2, 365 mm

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

**Cursor:**  
 ABM2 = -39.4 dB A/m  
 Location: -0.5, -8.5, 363.7 mm

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

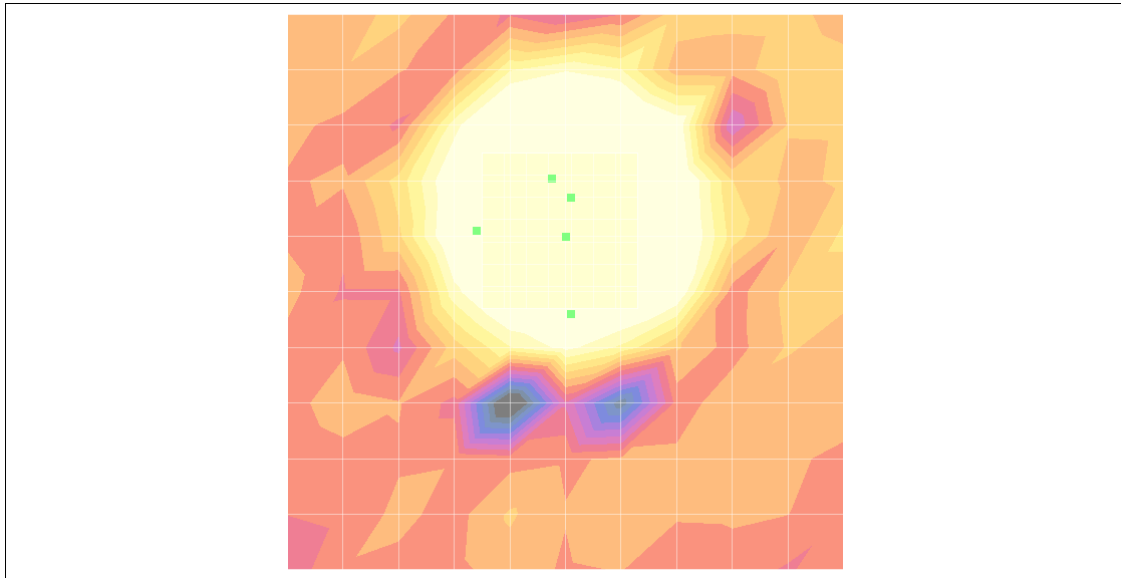
**Cursor:**  
 ABM1/ABM2 = 54.5 dB  
 ABM1 comp = 15.1 dB A/m  
 BWC Factor = 0.152993 dB  
 Location: -0.5, -8.5, 363.7 mm

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

**Cursor:**  
 ABM1 comp = 15.1 dB A/m  
 BWC Factor = 0.152993 dB  
 Location: -0.5, -8.5, 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 = 15.4 dB A/m  
 BWC Factor = 0.151969 dB  
 Location: 0, -5, 363.7 mm



0 dB = 1.00A/m

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## AWS1700 (450CH)

Test Laboratory: HCT  
File Name: [008\\_AWS 450ch.da4](#)

DUT: A200; Type: folder  
Program Name: HAC\_TCoil\_WD\_Emission

Communication System: AWS 1700 MHz FCC; Frequency: 1732.5 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: 2008-07-17
- 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: 7, -8.5, 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 = 53.6 dB  
ABM1 comp = 15.0 dB A/m  
BWC Factor = 0.152993 dB  
Location: 7, -8.5, 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 = 15.0 dB A/m  
BWC Factor = 0.152993 dB  
Location: 7, -8.5, 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, -13, 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 = 57.5 dB  
ABM1 comp = 14.4 dB A/m  
BWC Factor = 0.152993 dB  
Location: 0.5, -13, 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 = 14.4 dB A/m  
BWC Factor = 0.152993 dB  
Location: 0.5, -13, 363.7 mm

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

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

#### Cursor:

ABM1 comp = 16.2 dB A/m  
BWC Factor = 0.151969 dB  
Location: -0.5, -9.5, 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 = 0.939 dB

BWC Factor = 10.8 dB

Location: 1.2, -11.2, 365 mm

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

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

**Cursor:**

ABM2 = -32.1 dB A/m

Location: -0.5, -9.5, 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 = 55.1 dB

ABM1 comp = 23.0 dB A/m

BWC Factor = 0.152993 dB

Location: -0.5, -9.5, 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 = 23.0 dB A/m

BWC Factor = 0.152993 dB

Location: -0.5, -9.5, 363.7 mm

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

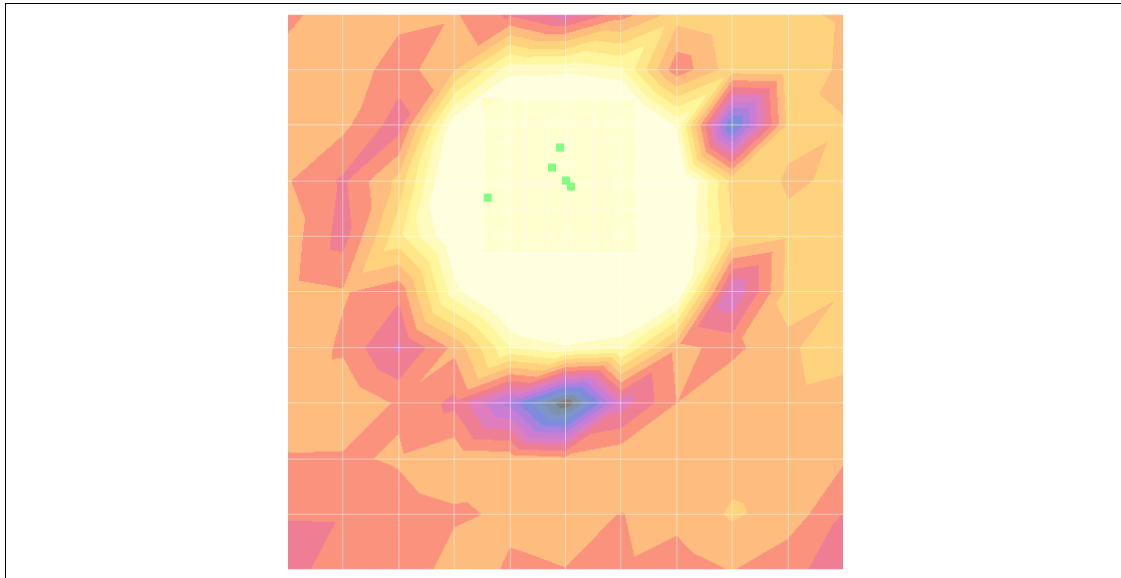
Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM1 comp = 15.3 dB A/m

BWC Factor = 0.151969 dB

Location: 0, -10, 363.7 mm



0 dB = 1.00A/m

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## AWS1700 (875CH)

Test Laboratory: HCT  
File Name: [009\\_AWS 875ch.da4](#)

DUT: A200; Type: folder  
Program Name: HAC\_TCoil\_WD\_Emission

Communication System: AWS 1700 MHz FCC; Frequency: 1753.75 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: 2008-07-17
- 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 = -47.5 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 = 54.8 dB  
ABM1 comp = 7.32 dB A/m  
BWC Factor = 0.152993 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 = 7.32 dB A/m  
BWC Factor = 0.152993 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 = -51.8 dB A/m  
Location: -2.5, -17, 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 = 60.5 dB  
ABM1 comp = 8.69 dB A/m  
BWC Factor = 0.152993 dB  
Location: -2.5, -17, 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 = 8.69 dB A/m  
BWC Factor = 0.152993 dB  
Location: -2.5, -17, 363.7 mm

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

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

#### Cursor:

ABM1 comp = 15.2 dB A/m  
BWC Factor = 0.151969 dB  
Location: -4.5, -10.5, 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: -2.8, -12.2, 365 mm

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

**Cursor:**  
 ABM2 = -34.4 dB A/m  
 Location: -4.5, -10.5, 363.7 mm

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

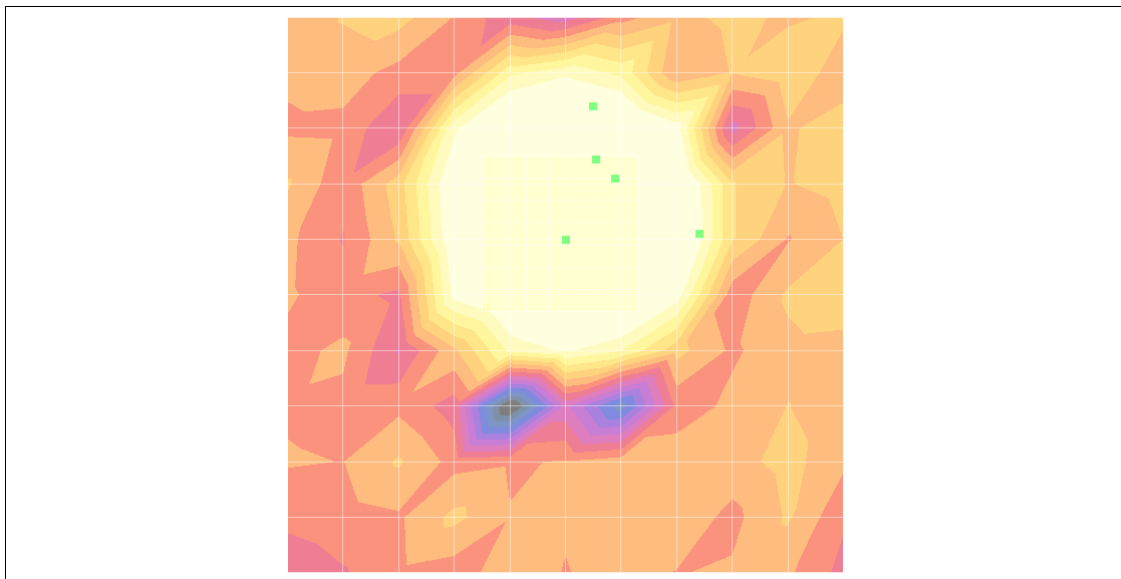
**Cursor:**  
 ABM1/ABM2 = 47.8 dB  
 ABM1 comp = 13.4 dB A/m  
 BWC Factor = 0.152993 dB  
 Location: -4.5, -10.5, 363.7 mm

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

**Cursor:**  
 ABM1 comp = 13.4 dB A/m  
 BWC Factor = 0.152993 dB  
 Location: -4.5, -10.5, 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 = 15.0 dB A/m  
 BWC Factor = 0.151969 dB  
 Location: 0, -5, 363.7 mm



0 dB = 1.00A/m