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Appendix D

Contour Plots

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GSM 850 128CH

Test Laboratory: HCT
File Name: [GSM850_128ch.da4](#)

DUT: STX-2; 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/m³
Phantom section: AMB with Coil Section

DASY4 Configuration:

- Probe: AM1DV2 - 1013; ; Calibrated: 2006-04-18
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn869; Calibrated: 2009-09-18
- 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 = -20.9 dB A/m

Location: -7, -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 = 23.1 dB

ABM1 comp = 2.16 dB A/m

BWC Factor = 0.152993 dB

Location: -7, -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 = 2.16 dB A/m

BWC Factor = 0.152993 dB

Location: -7, -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 = -25.0 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 = 25.2 dB

ABM1 comp = 0.211 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 = 0.211 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 = 9.50 dB A/m

BWC Factor = 0.152993 dB

Location: 1.5, 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 = 0.981 dB
 BWC Factor = 10.8 dB
 Location: 3.2, -1.2, 364.9 mm

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

Cursor:
 ABM2 = -24.9 dB A/m
 Location: 1.5, 0.5, 363.7 mm

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

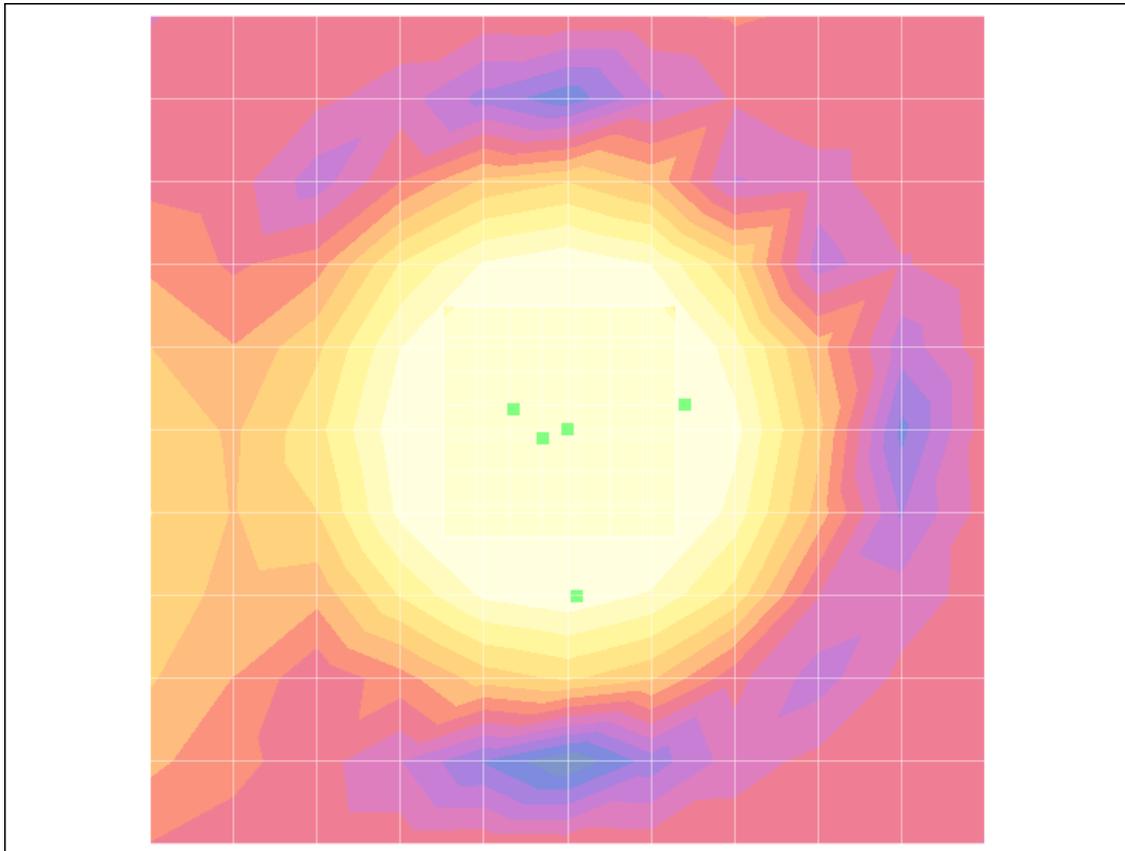
Cursor:
 ABM1/ABM2 = 34.1 dB
 ABM1 comp = 9.24 dB A/m
 BWC Factor = 0.152993 dB
 Location: 1.5, 0.5, 363.7 mm

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

Cursor:
 ABM1 comp = 9.24 dB A/m
 BWC Factor = 0.152993 dB
 Location: 1.5, 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 = 9.24 dB A/m
 BWC Factor = 0.152993 dB
 Location: 0, 0, 363.7 mm



0 dB = 1.00A/m

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GSM 850 190CH

Test Laboratory: HCT
 File Name: [GSM850_190ch.da4](#)

DUT: STX-2; 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/m³
 Phantom section: AMB with Coil Section

DASY4 Configuration:

- Probe: AM1DV2 - 1013; ; Calibrated: 2006-04-18
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn869; Calibrated: 2009-09-18
- 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 = -21.1 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 = 23.2 dB

ABM1 comp = 2.06 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 = 2.06 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 = -28.7 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 = 28.9 dB

ABM1 comp = 0.237 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 = 0.237 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 = 9.11 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 = 1.00 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 = -25.7 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

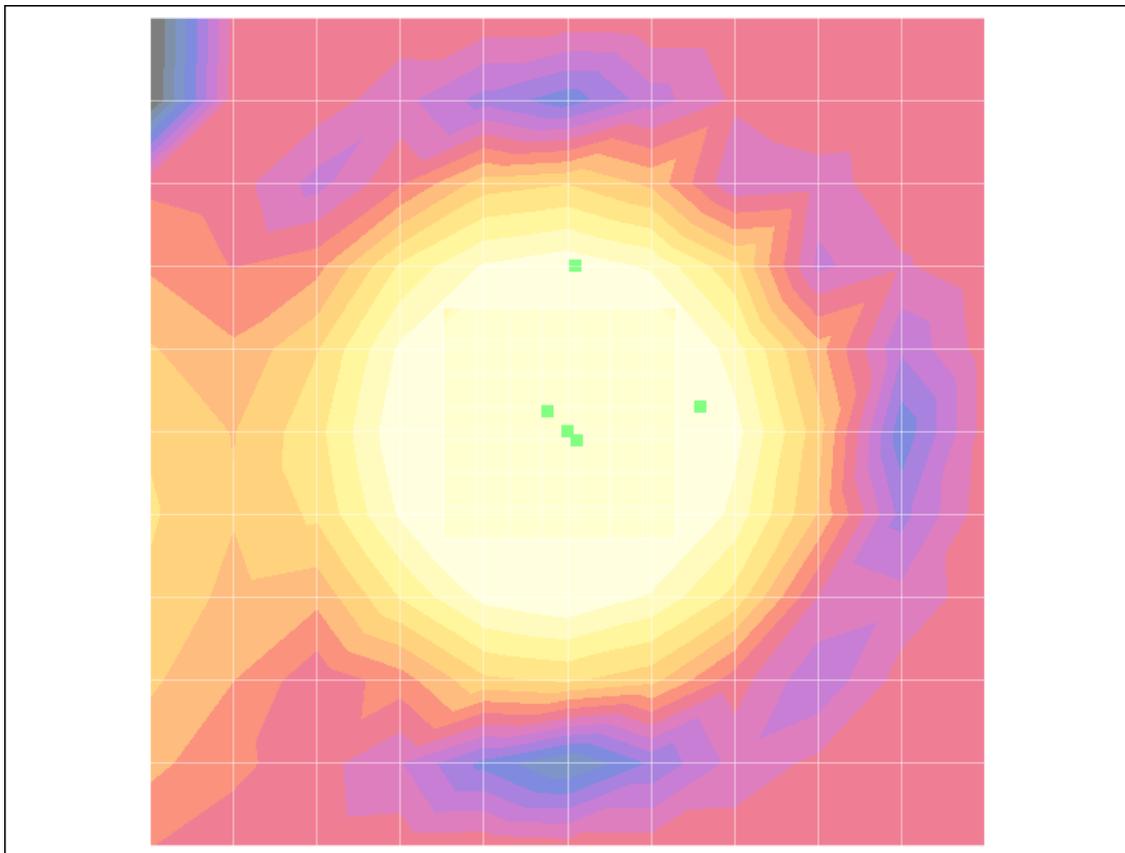
Cursor:
 ABM1/ABM2 = 35.2 dB
 ABM1 comp = 9.49 dB A/m
 BWC Factor = 0.152993 dB
 Location: -0.5, 0.5, 363.7 mm

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

Cursor:
 ABM1 comp = 9.49 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 = 9.64 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: [GSM850 251ch.da4](#)

DUT: STX-2; 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/m³
 Phantom section: AMB with Coil Section

DASY4 Configuration:

- Probe: AM1DV2 - 1013; ; Calibrated: 2006-04-18
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn869; Calibrated: 2009-09-18
- 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 = -21.1 dB A/m
 Location: -7, -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 = 22.9 dB
 ABM1 comp = 1.82 dB A/m
 BWC Factor = 0.152993 dB
 Location: -7, -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 = 1.82 dB A/m
 BWC Factor = 0.152993 dB
 Location: -7, -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 = -26.8 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 = 27.6 dB
 ABM1 comp = 0.812 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 = 0.812 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 = 9.56 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 = 0.736 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 = -26.5 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

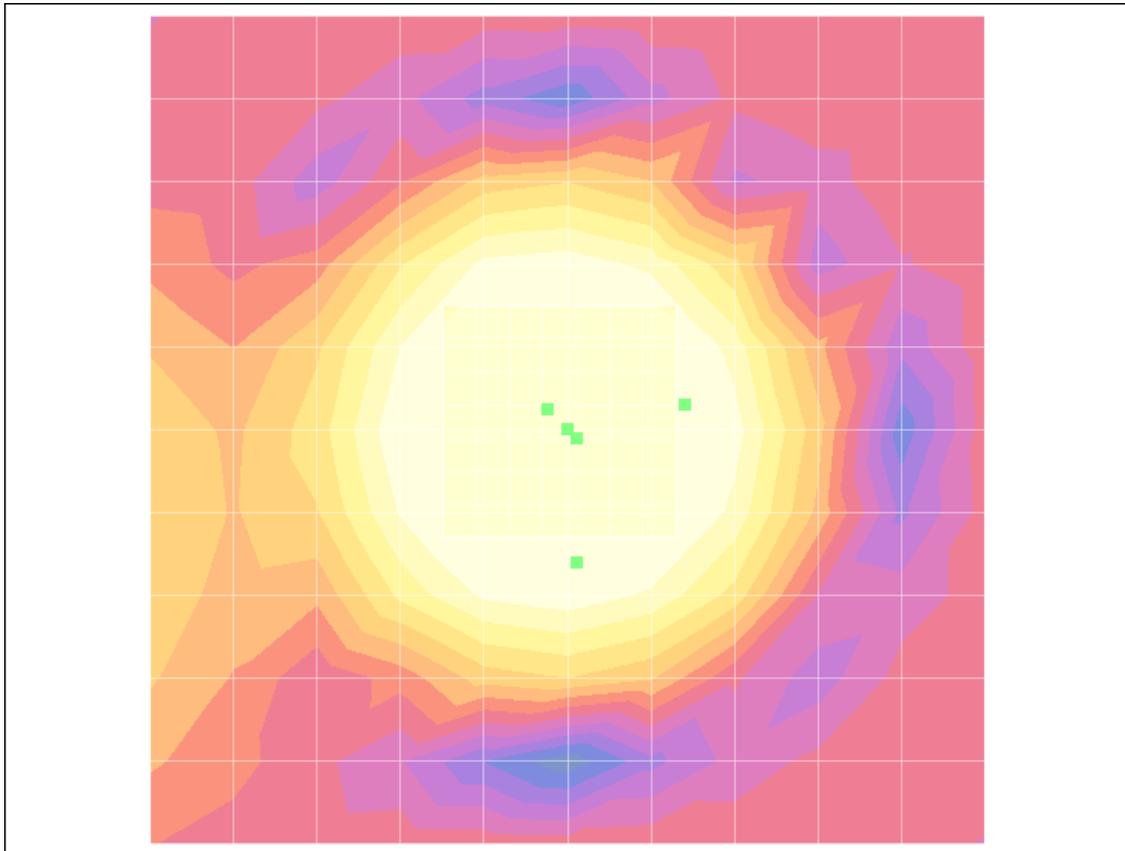
Cursor:
 ABM1/ABM2 = 35.8 dB
 ABM1 comp = 9.34 dB A/m
 BWC Factor = 0.152993 dB
 Location: -0.5, 0.5, 363.7 mm

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

Cursor:
 ABM1 comp = 9.34 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 = 9.15 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: [GSM1900_512ch.da4](#)

DUT: STX-2; 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/m³
Phantom section: AMB with Coil Section

DASY4 Configuration:

- Probe: AM1DV2 - 1013; ; Calibrated: 2006-04-18
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn869; Calibrated: 2009-09-18
- 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 = -22.2 dB A/m

Location: -7, -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 = 24.4 dB

ABM1 comp = 2.16 dB A/m

BWC Factor = 0.151969 dB

Location: -7, -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 = 2.16 dB A/m

BWC Factor = 0.151969 dB

Location: -7, -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 = -25.6 dB A/m

Location: 1.5, 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 = 25.8 dB

ABM1 comp = 0.188 dB A/m

BWC Factor = 0.151969 dB

Location: 1.5, 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 = 0.188 dB A/m

BWC Factor = 0.151969 dB

Location: 1.5, 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 = 9.45 dB A/m

BWC Factor = 0.151969 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 = 0.632 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 = -26.4 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

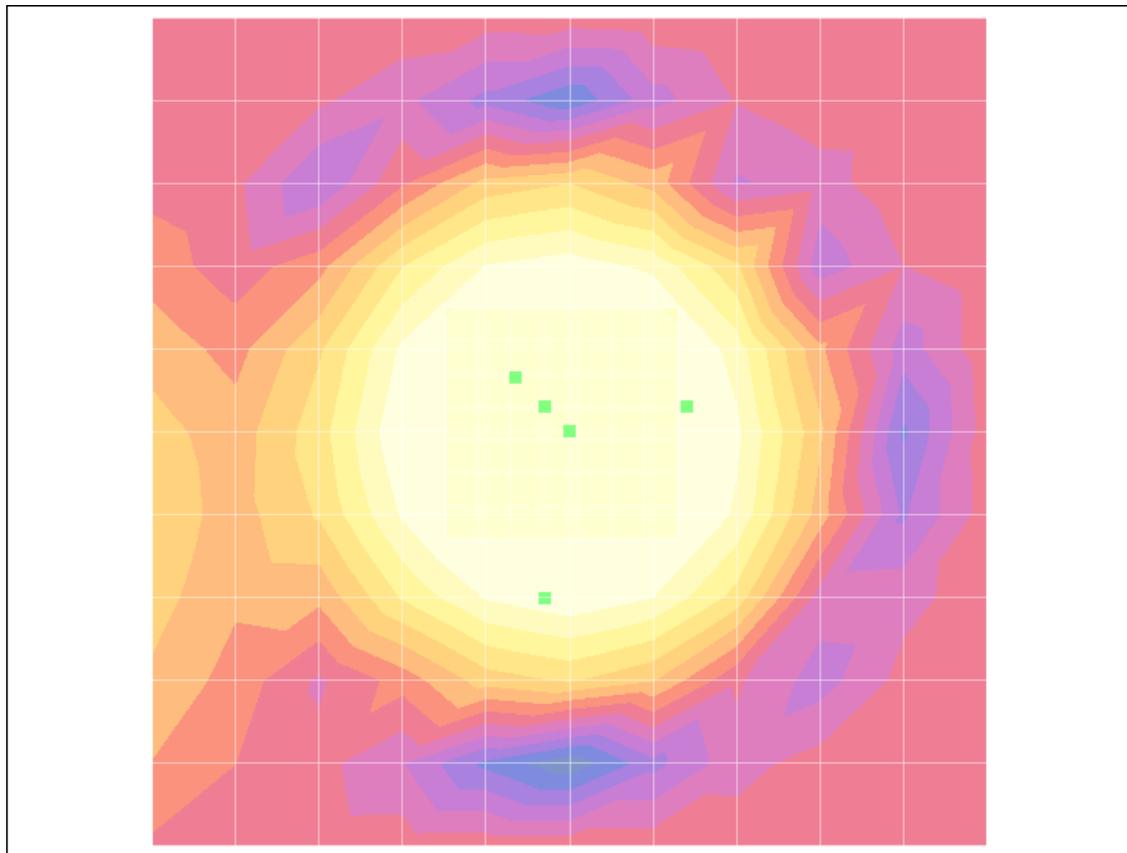
Cursor:
 ABM1/ABM2 = 35.3 dB
 ABM1 comp = 8.88 dB A/m
 BWC Factor = 0.151969 dB
 Location: 1.5, -1.5, 363.7 mm

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

Cursor:
 ABM1 comp = 8.88 dB A/m
 BWC Factor = 0.151969 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 = 9.55 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: [GSM1900_661ch.da4](#)

DUT: STX-2; 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/m³
 Phantom section: AMB with Coil Section

DASY4 Configuration:

- Probe: AM1DV2 - 1013; ; Calibrated: 2006-04-18
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn869; Calibrated: 2009-09-18
- 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 = -21.8 dB A/m
 Location: -6, -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 = 23.8 dB
 ABM1 comp = 2.06 dB A/m
 BWC Factor = 0.151969 dB
 Location: -6, -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 = 2.06 dB A/m
 BWC Factor = 0.151969 dB
 Location: -6, -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 = -28.8 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 = 29.1 dB
 ABM1 comp = 0.311 dB A/m
 BWC Factor = 0.151969 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 = 0.311 dB A/m
 BWC Factor = 0.151969 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 = 9.36 dB A/m
 BWC Factor = 0.151969 dB
 Location: -0.5, -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 = 0.732 dB

BWC Factor = 10.8 dB

Location: 1.2, -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 = -27.8 dB A/m

Location: -0.5, -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 = 36.8 dB

ABM1 comp = 8.93 dB A/m

BWC Factor = 0.151969 dB

Location: -0.5, -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 = 8.93 dB A/m

BWC Factor = 0.151969 dB

Location: -0.5, -1.5, 363.7 mm

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

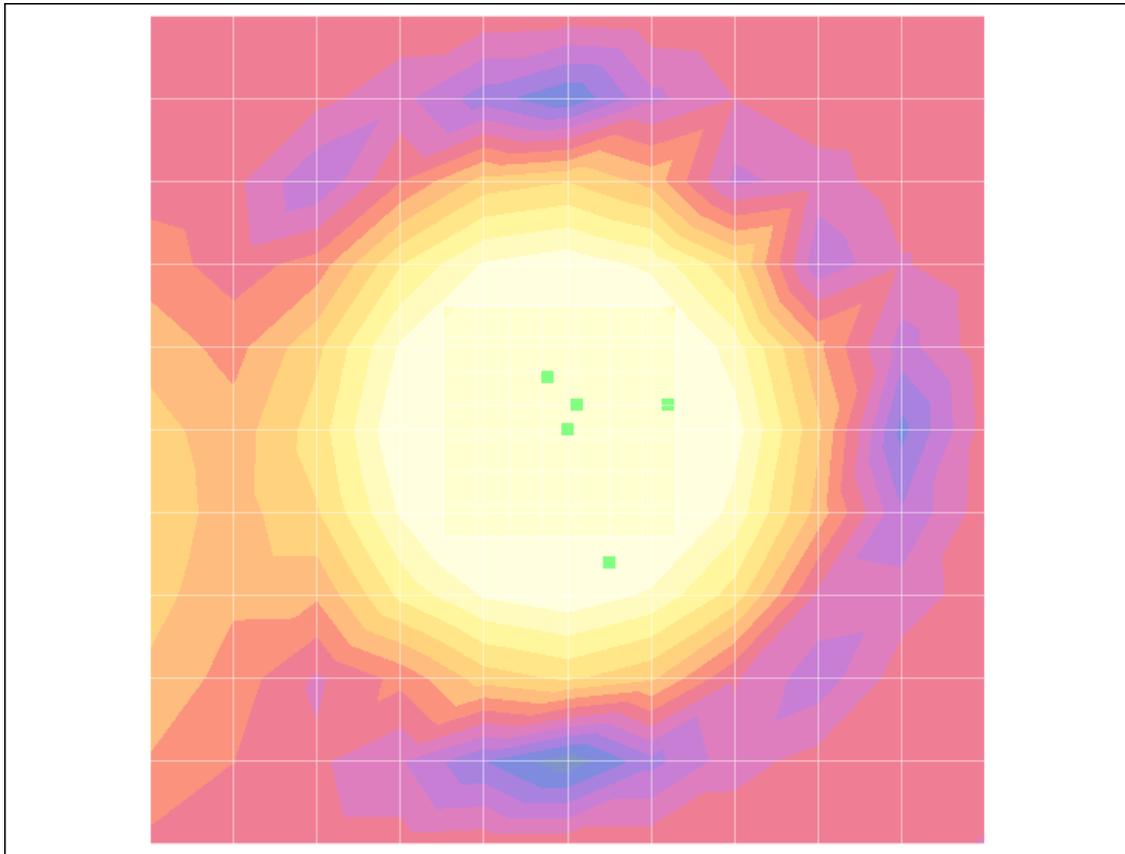
Measurement grid: dx=10mm, dy=10mm

Cursor:

ABM1 comp = 9.56 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: [GSM1900_810ch.da4](#)

DUT: STX-2; 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/m³
 Phantom section: AMB with Coil Section

DASY4 Configuration:

- Probe: AM1DV2 - 1013; ; Calibrated: 2006-04-18
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn869; Calibrated: 2009-09-18
- 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 = -22.6 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 = 24.5 dB
 ABM1 comp = 1.88 dB A/m
 BWC Factor = 0.15103 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 = 1.88 dB A/m
 BWC Factor = 0.15103 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 = -28.2 dB A/m
 Location: 1.5, -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 = 28.4 dB
 ABM1 comp = 0.192 dB A/m
 BWC Factor = 0.15103 dB
 Location: 1.5, -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 = 0.192 dB A/m
 BWC Factor = 0.15103 dB
 Location: 1.5, -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 = 9.39 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 = 0.737 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 = -27.5 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 = 36.6 dB

ABM1 comp = 9.12 dB A/m

BWC Factor = 0.15103 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 = 9.12 dB A/m

BWC Factor = 0.15103 dB

Location: -0.5, 0.5, 363.7 mm

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

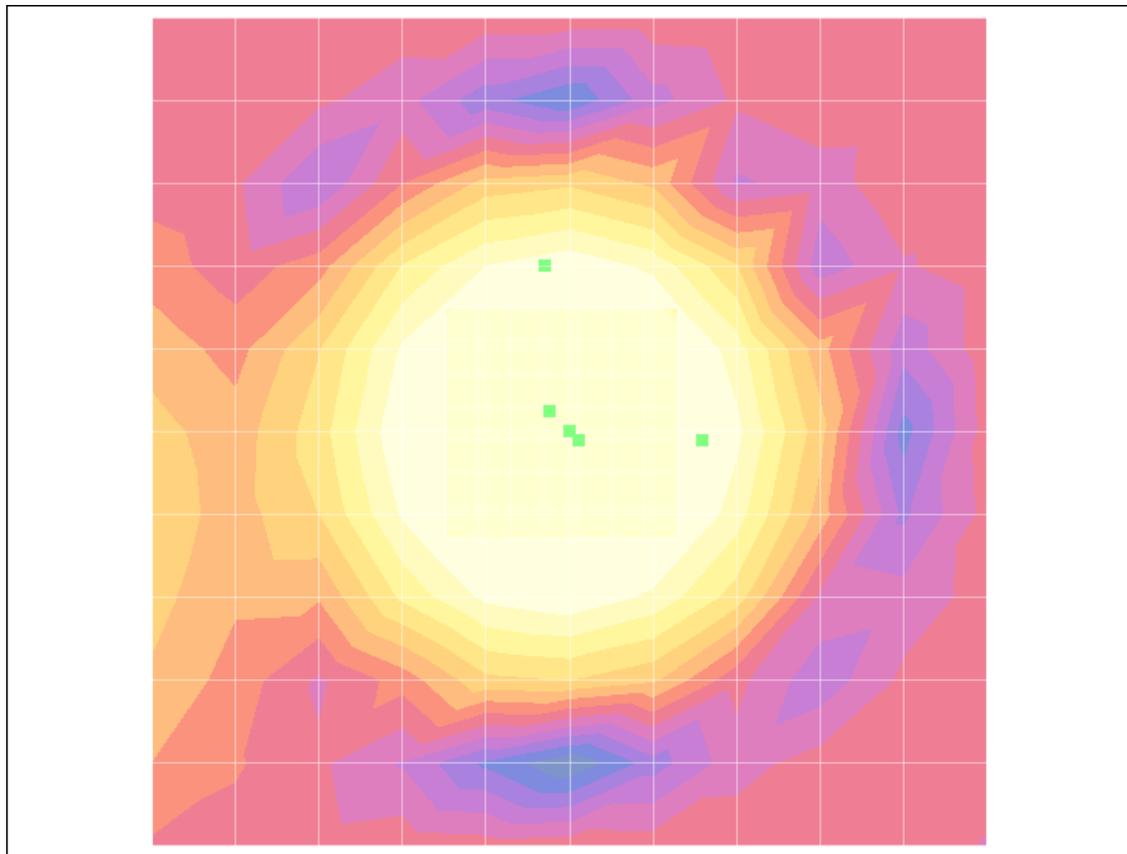
Measurement grid: dx=10mm, dy=10mm

Cursor:

ABM1 comp = 9.29 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 4132CH

Test Laboratory: HCT
 File Name: [WCDMA850 4132ch.da4](#)

DUT: STX-2; 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/m³
 Phantom section: AMB with Coil Section

DASY4 Configuration:

- Probe: AM1DV2 - 1013; ; Calibrated: 2006-04-18
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn869; Calibrated: 2009-09-18
- 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: -5, -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 = 43.9 dB
 ABM1 comp = 2.24 dB A/m
 BWC Factor = 0.152993 dB
 Location: -5, -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 = 2.24 dB A/m
 BWC Factor = 0.152993 dB
 Location: -5, -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 = -50.2 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 = 51.0 dB
 ABM1 comp = 0.811 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 = 0.811 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 = 9.64 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 = 1.48 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 = -43.7 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

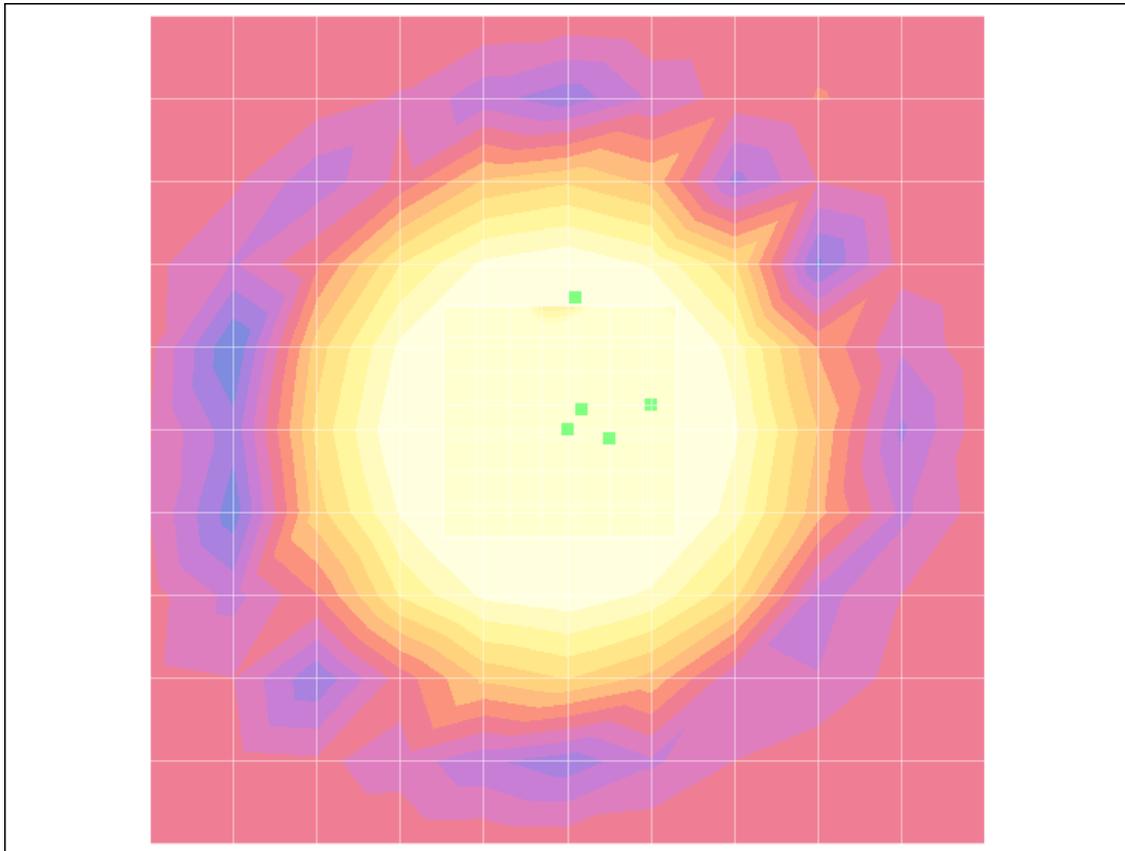
Cursor:
 ABM1/ABM2 = 52.8 dB
 ABM1 comp = 9.14 dB A/m
 BWC Factor = 0.152993 dB
 Location: -2.5, 0.5, 363.7 mm

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

Cursor:
 ABM1 comp = 9.14 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 = 10.1 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 4183CH

Test Laboratory: HCT

File Name: [WCDMA850 4183ch.da4](#)

DUT: STX-2; 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/m³
 Phantom section: AMB with Coil Section

DASY4 Configuration:

- Probe: AM1DV2 - 1013; ; Calibrated: 2006-04-18
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn869; Calibrated: 2009-09-18
- 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 = -42.3 dB A/m

Location: -7, -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 = 45.5 dB

ABM1 comp = 3.13 dB A/m

BWC Factor = 0.151969 dB

Location: -7, -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 = 3.13 dB A/m

BWC Factor = 0.151969 dB

Location: -7, -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 = -47.6 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 = 48.6 dB

ABM1 comp = 0.960 dB A/m

BWC Factor = 0.151969 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 = 0.960 dB A/m

BWC Factor = 0.151969 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 = 10.3 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 = 1.25 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 = -41.5 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

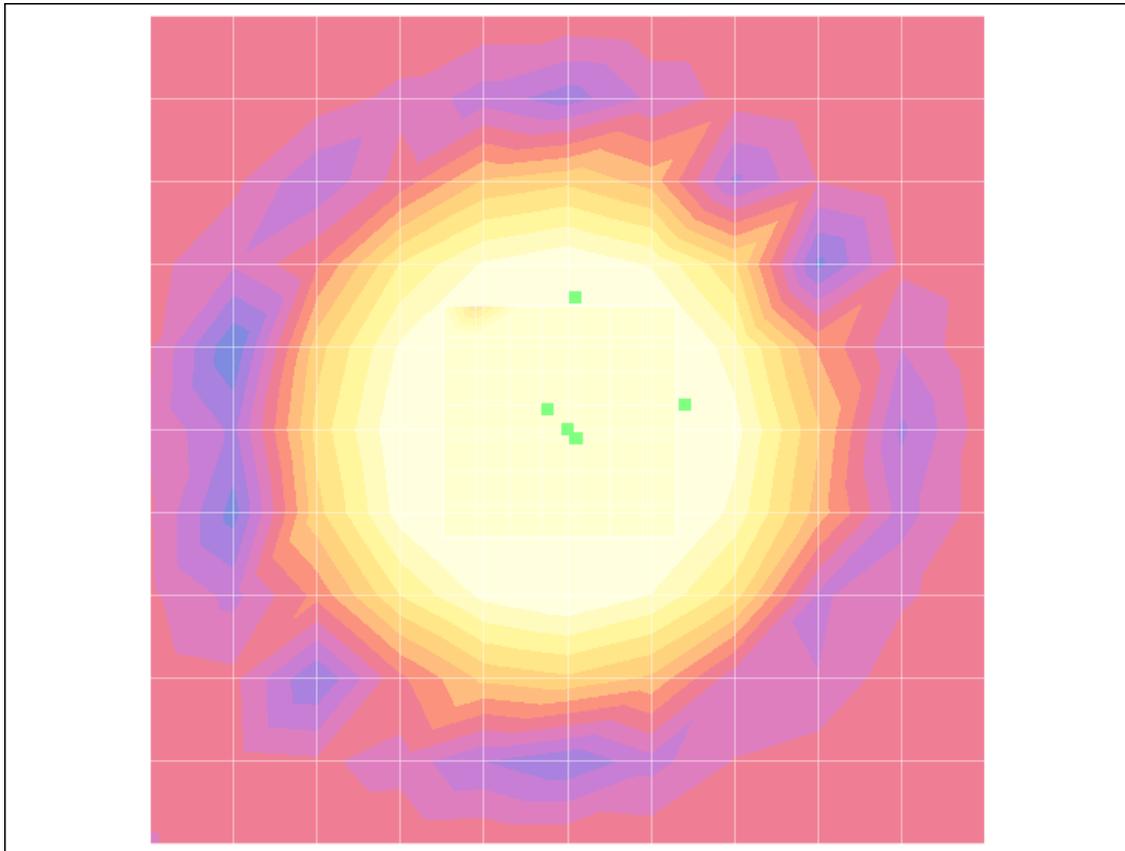
Cursor:
 ABM1/ABM2 = 51.3 dB
 ABM1 comp = 9.79 dB A/m
 BWC Factor = 0.151969 dB
 Location: -0.5, 0.5, 363.7 mm

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

Cursor:
 ABM1 comp = 9.79 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 = 10.3 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: [WCDMA850 4233ch.da4](#)

DUT: STX-2; 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/m³
 Phantom section: AMB with Coil Section

DASY4 Configuration:

- Probe: AM1DV2 - 1013; ; Calibrated: 2006-04-18
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn869; Calibrated: 2009-09-18
- 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 = -42.3 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 = 44.3 dB
 ABM1 comp = 1.93 dB A/m
 BWC Factor = 0.151969 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 = 1.93 dB A/m
 BWC Factor = 0.151969 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 = -48.5 dB A/m
 Location: 1.5, -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 = 44.9 dB
 ABM1 comp = -3.65 dB A/m
 BWC Factor = 0.151969 dB
 Location: 1.5, -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 = -3.65 dB A/m
 BWC Factor = 0.151969 dB
 Location: 1.5, -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 = 10.5 dB A/m
 BWC Factor = 0.152993 dB
 Location: 1.5, 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 = 1.29 dB
 BWC Factor = 10.8 dB
 Location: 3.2, -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 = -40.4 dB A/m
 Location: 1.5, 0.5, 363.7 mm

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

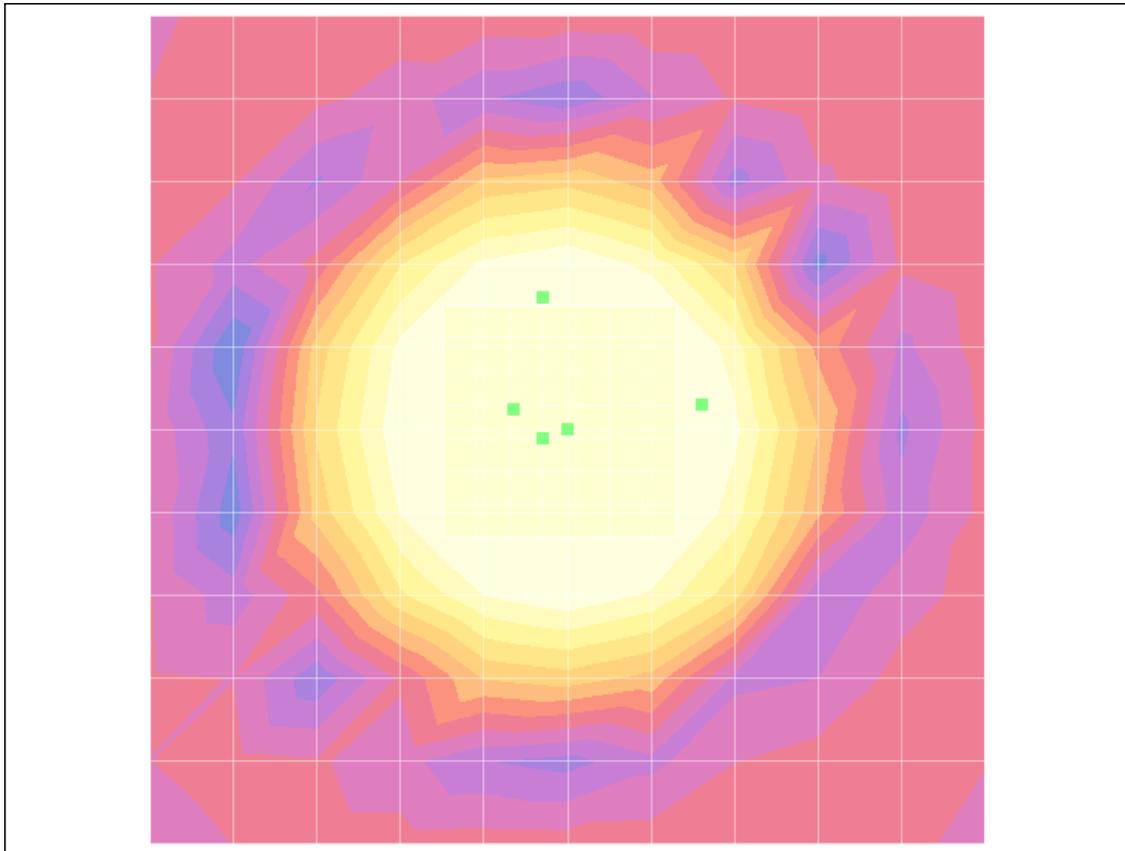
Cursor:
 ABM1/ABM2 = 50.5 dB
 ABM1 comp = 10.1 dB A/m
 BWC Factor = 0.151969 dB
 Location: 1.5, 0.5, 363.7 mm

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

Cursor:
 ABM1 comp = 10.1 dB A/m
 BWC Factor = 0.151969 dB
 Location: 1.5, 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 = 9.95 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 9262CH

Test Laboratory: HCT
 File Name: [WCDMA1900 9262ch.da4](#)

DUT: STX-2; 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/m³
 Phantom section: AMB with Coil Section

DASY4 Configuration:

- Probe: AM1DV2 - 1013; ; Calibrated: 2006-04-18
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn869; Calibrated: 2009-09-18
- 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 = -42.5 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 = 45.6 dB
 ABM1 comp = 3.16 dB A/m
 BWC Factor = 0.15103 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 = 3.16 dB A/m
 BWC Factor = 0.15103 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 = -47.1 dB A/m
 Location: 1.5, 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 = 47.1 dB
 ABM1 comp = -0.018 dB A/m
 BWC Factor = 0.15103 dB
 Location: 1.5, 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 = -0.018 dB A/m
 BWC Factor = 0.15103 dB
 Location: 1.5, 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 = 9.74 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 = 1.40 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 = -39.6 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

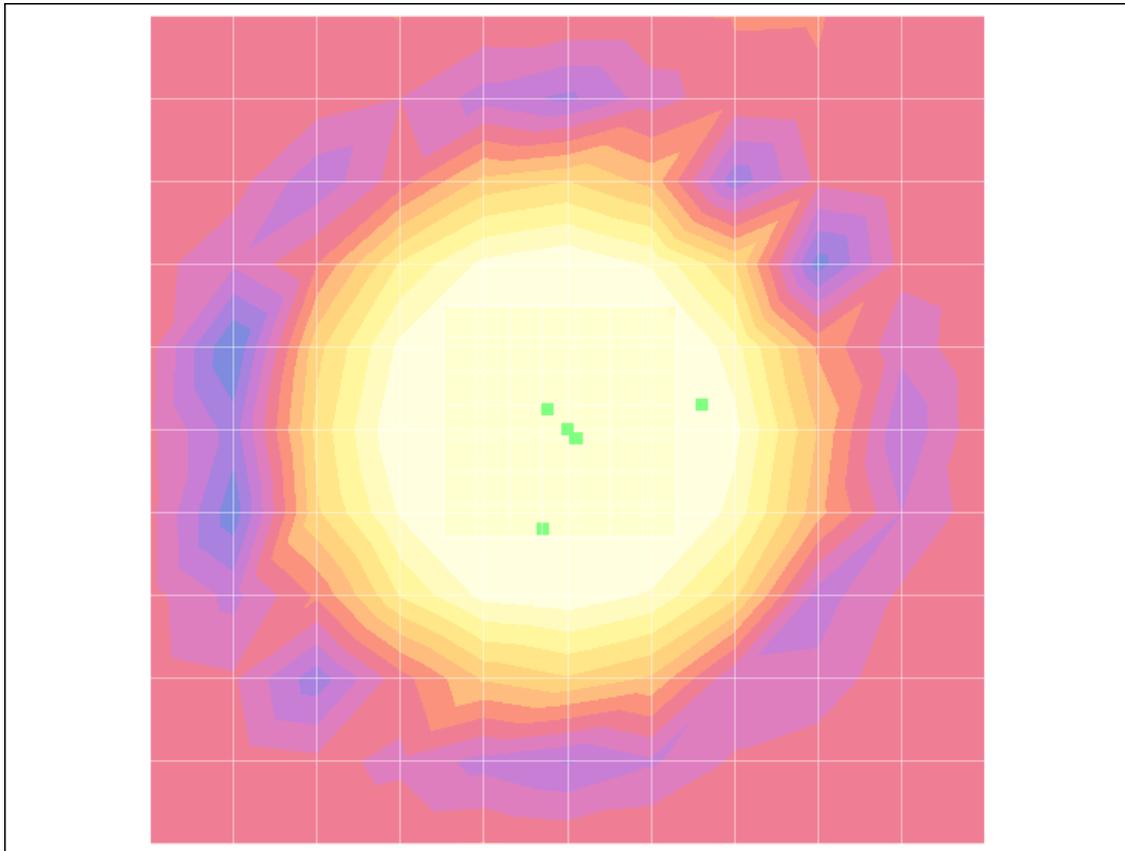
Cursor:
 ABM1/ABM2 = 49.6 dB
 ABM1 comp = 10.1 dB A/m
 BWC Factor = 0.15103 dB
 Location: -0.5, 0.5, 363.7 mm

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

Cursor:
 ABM1 comp = 10.1 dB A/m
 BWC Factor = 0.15103 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 = 10.2 dB A/m
 BWC Factor = 0.15103 dB
 Location: 0, 0, 363.7 mm



0 dB = 1.00A/m

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WCDMA 1900 9400CH

Test Laboratory: HCT
 File Name: [WCDMA1900 9400ch.da4](#)

DUT: STX-2; 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/m³
 Phantom section: AMB with Coil Section

DASY4 Configuration:

- Probe: AM1DV2 - 1013; ; Calibrated: 2006-04-18
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn869; Calibrated: 2009-09-18
- 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 = -42.1 dB A/m

Location: -6, 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 = 45.0 dB

ABM1 comp = 2.93 dB A/m

BWC Factor = 0.151969 dB

Location: -6, 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 = 2.93 dB A/m

BWC Factor = 0.151969 dB

Location: -6, 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 = -48.4 dB A/m

Location: 1.5, -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 = 49.3 dB

ABM1 comp = 0.909 dB A/m

BWC Factor = 0.151969 dB

Location: 1.5, -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 = 0.909 dB A/m

BWC Factor = 0.151969 dB

Location: 1.5, -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 = 9.95 dB A/m

BWC Factor = 0.152993 dB

Location: -0.5, -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 = 1.30 dB
 BWC Factor = 10.8 dB
 Location: 1.2, -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 = -41.3 dB A/m
 Location: -0.5, -1.5, 363.7 mm

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

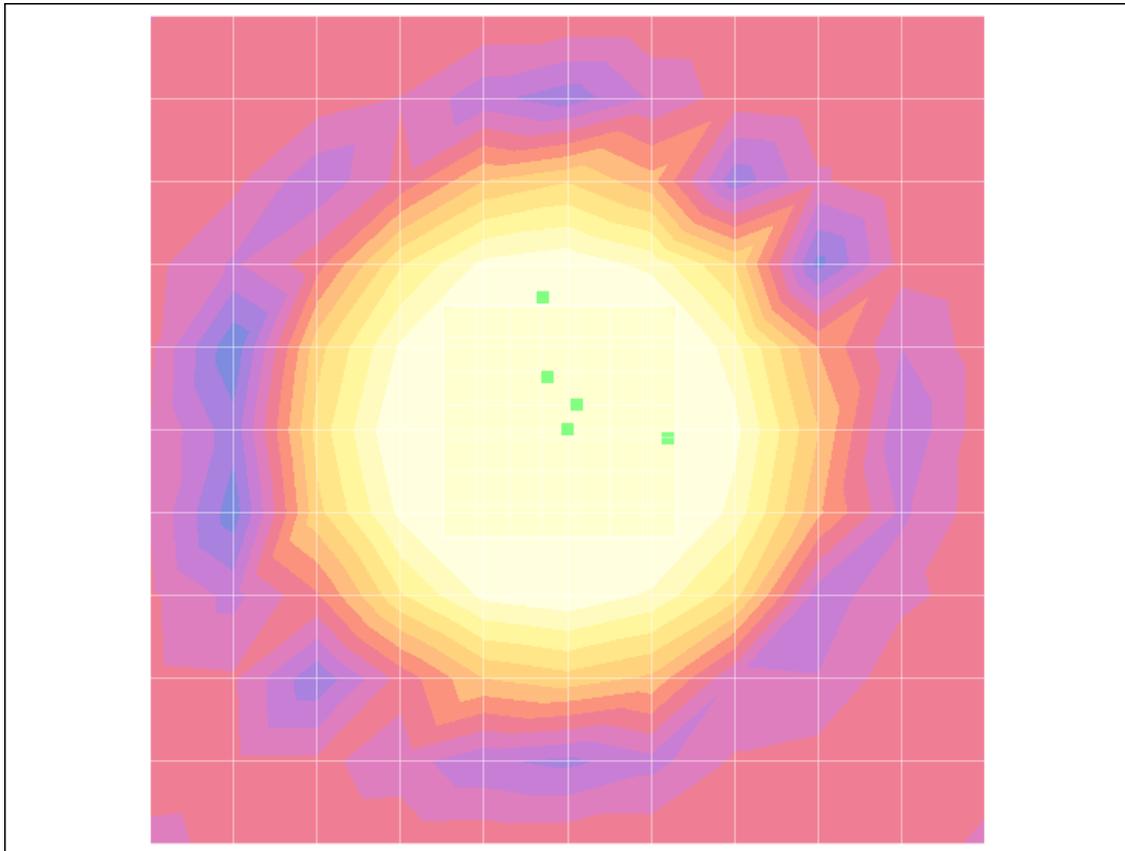
Cursor:
 ABM1/ABM2 = 51.1 dB
 ABM1 comp = 9.87 dB A/m
 BWC Factor = 0.151969 dB
 Location: -0.5, -1.5, 363.7 mm

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

Cursor:
 ABM1 comp = 9.87 dB A/m
 BWC Factor = 0.151969 dB
 Location: -0.5, -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 = 10.5 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: [WCDMA1900 9538ch.da4](#)

DUT: STX-2; Type: Bar
Program Name: HAC_TCoil_WD_Emission

Communication System: WCDMA1900; Frequency: 1907.6 MHz; Duty Cycle: 1:1
 Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³
 Phantom section: AMB with Coil Section

DASY4 Configuration:

- Probe: AM1DV2 - 1013; ; Calibrated: 2006-04-18
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn869; Calibrated: 2009-09-18
- 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 = -42.8 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 = 45.9 dB

ABM1 comp = 3.08 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 = 3.08 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 = -48.3 dB A/m

Location: 1.5, -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 = 49.3 dB

ABM1 comp = 1.00 dB A/m

BWC Factor = 0.152993 dB

Location: 1.5, -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 = 1.00 dB A/m

BWC Factor = 0.152993 dB

Location: 1.5, -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 = 9.98 dB A/m

BWC Factor = 0.151969 dB

Location: 1.5, 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 = 1.43 dB
 BWC Factor = 10.8 dB
 Location: 3.3, -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 = -40.5 dB A/m
 Location: 1.5, 0.5, 363.7 mm

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

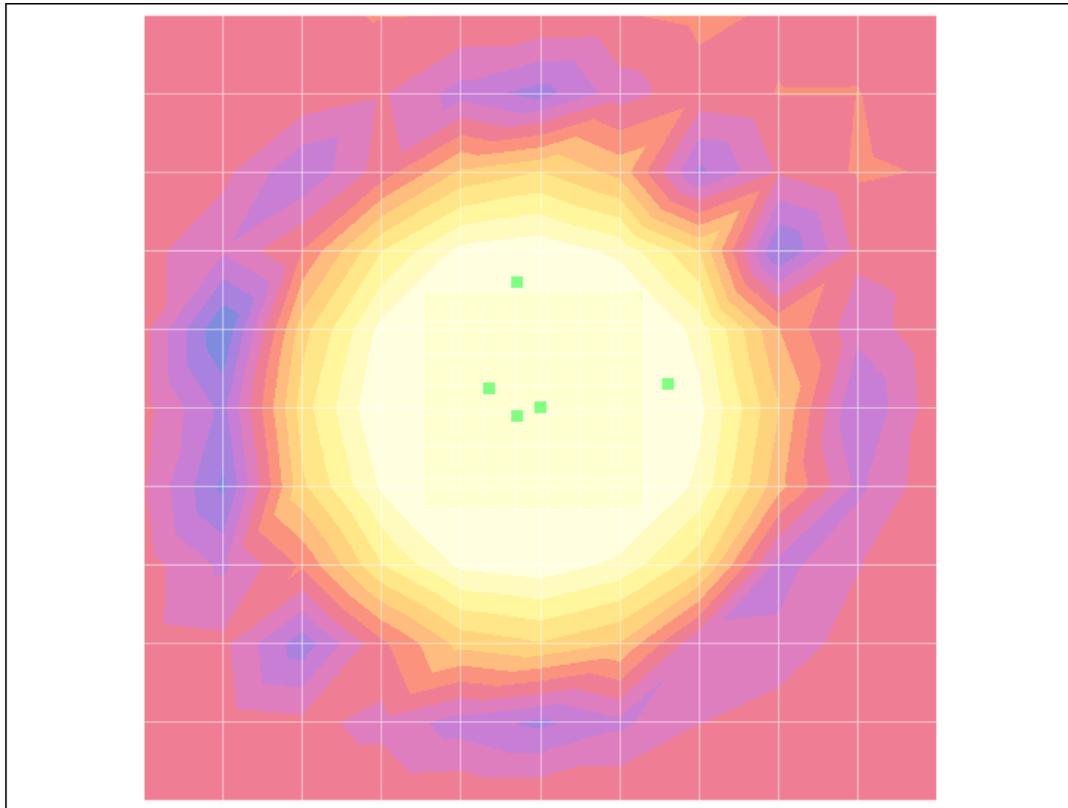
Cursor:
 ABM1/ABM2 = 50.5 dB
 ABM1 comp = 9.94 dB A/m
 BWC Factor = 0.152993 dB
 Location: 1.5, 0.5, 363.7 mm

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

Cursor:
 ABM1 comp = 9.94 dB A/m
 BWC Factor = 0.152993 dB
 Location: 1.5, 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 = 10.4 dB A/m
 BWC Factor = 0.151969 dB
 Location: 0, 0, 363.7 mm



0 dB = 1.00A/m