

Report No.:	HCTA1006FT03	FCC ID:	JYCP9020	Date of Issue:	Jun. 9, 2010
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Appendix D

Contour Plots

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GSM 850 128CH

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

DUT: P9020;
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 = -24.2 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 = 24.3 dB
 ABM1 comp = 0.055 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 = 0.055 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 = -40.2 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 = 39.1 dB
 ABM1 comp = -1.09 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 = -1.09 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 = 7.91 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 = 0.790 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 = -33.9 dB A/m

Location: -0.5, 0.5, 363.7 mm

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

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

Cursor:

ABM1/ABM2 = 41.7 dB

ABM1 comp = 7.80 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 = 7.80 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):

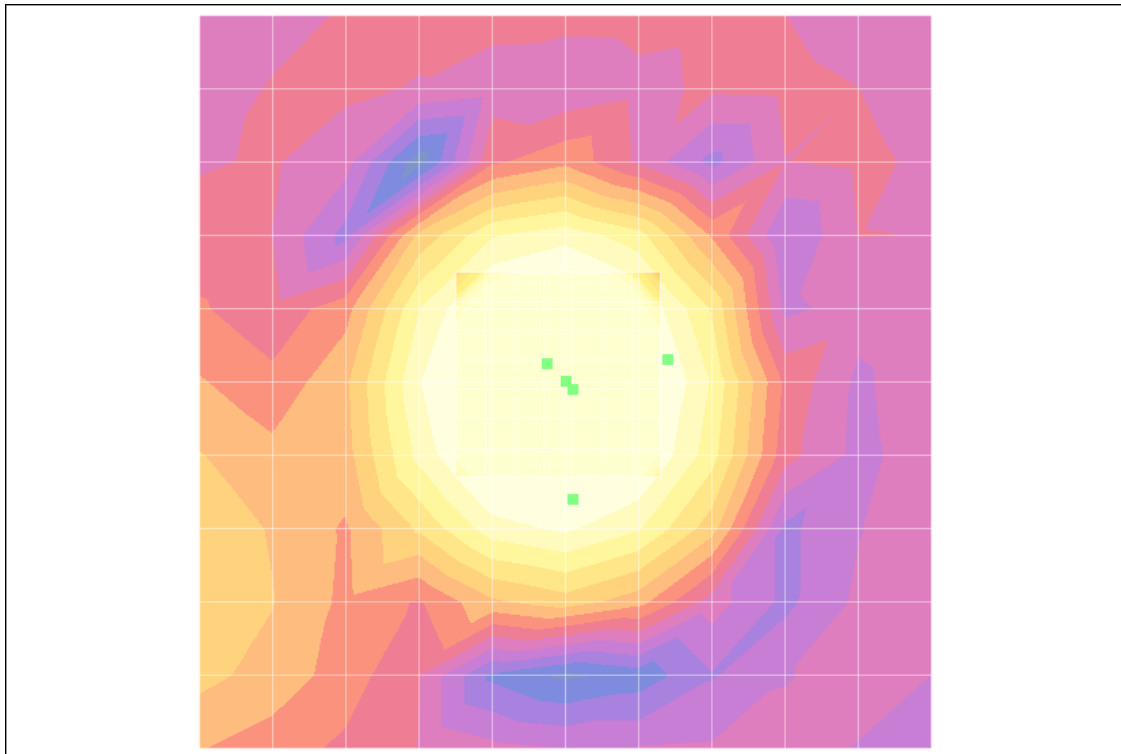
Measurement grid: dx=10mm, dy=10mm

Cursor:

ABM1 comp = 7.92 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: [GSM850_190ch.da4](#)

DUT: P9020;
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 = -23.2 dB A/m
Location: -7, 0.5, 363.7 mm

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

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

Cursor:

ABM1/ABM2 = 23.5 dB
ABM1 comp = 0.262 dB A/m
BWC Factor = 0.151969 dB
Location: -7, 0.5, 363.7 mm

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

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

Cursor:

ABM1 comp = 0.262 dB A/m
BWC Factor = 0.151969 dB
Location: -7, 0.5, 363.7 mm

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

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

Cursor:

ABM2 = -28.3 dB A/m
Location: 1.5, -7, 363.7 mm

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

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

Cursor:

ABM1/ABM2 = 27.8 dB
ABM1 comp = -0.480 dB A/m
BWC Factor = 0.151969 dB
Location: 1.5, -7, 363.7 mm

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

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

Cursor:

ABM1 comp = -0.480 dB A/m
BWC Factor = 0.151969 dB
Location: 1.5, -7, 363.7 mm

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

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

Cursor:

ABM1 comp = 7.98 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 = 0.516 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 = -36.7 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 = 44.6 dB

ABM1 comp = 7.89 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 = 7.89 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):

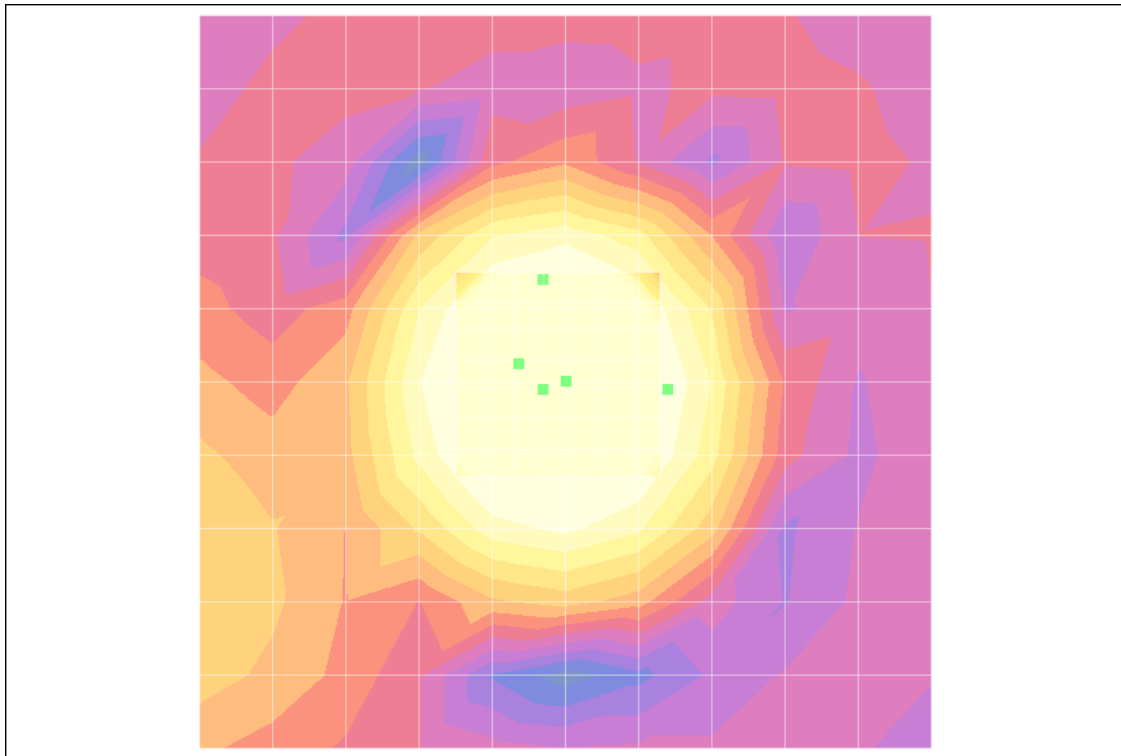
Measurement grid: dx=10mm, dy=10mm

Cursor:

ABM1 comp = 7.98 dB A/m

BWC Factor = 0.151969 dB

Location: 0, 0, 363.7 mm



0 dB = 1.00A/m

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GSM 850 251CH

Test Laboratory: HCT
File Name: [GSM850_251ch.da4](#)

DUT: P9020;
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 = -23.2 dB A/m
Location: -7, 0.5, 363.7 mm

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

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

Cursor:

ABM1/ABM2 = 23.5 dB
ABM1 comp = 0.280 dB A/m
BWC Factor = 0.151969 dB
Location: -7, 0.5, 363.7 mm

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

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

Cursor:

ABM1 comp = 0.280 dB A/m
BWC Factor = 0.151969 dB
Location: -7, 0.5, 363.7 mm

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

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

Cursor:

ABM2 = -28.2 dB A/m
Location: 1.5, -7, 363.7 mm

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

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

Cursor:

ABM1/ABM2 = 27.6 dB
ABM1 comp = -0.651 dB A/m
BWC Factor = 0.151969 dB
Location: 1.5, -7, 363.7 mm

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

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

Cursor:

ABM1 comp = -0.651 dB A/m
BWC Factor = 0.151969 dB
Location: 1.5, -7, 363.7 mm

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

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

Cursor:

ABM1 comp = 7.91 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 = 0.529 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 = -37.3 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 = 45.2 dB

ABM1 comp = 7.82 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 = 7.82 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):

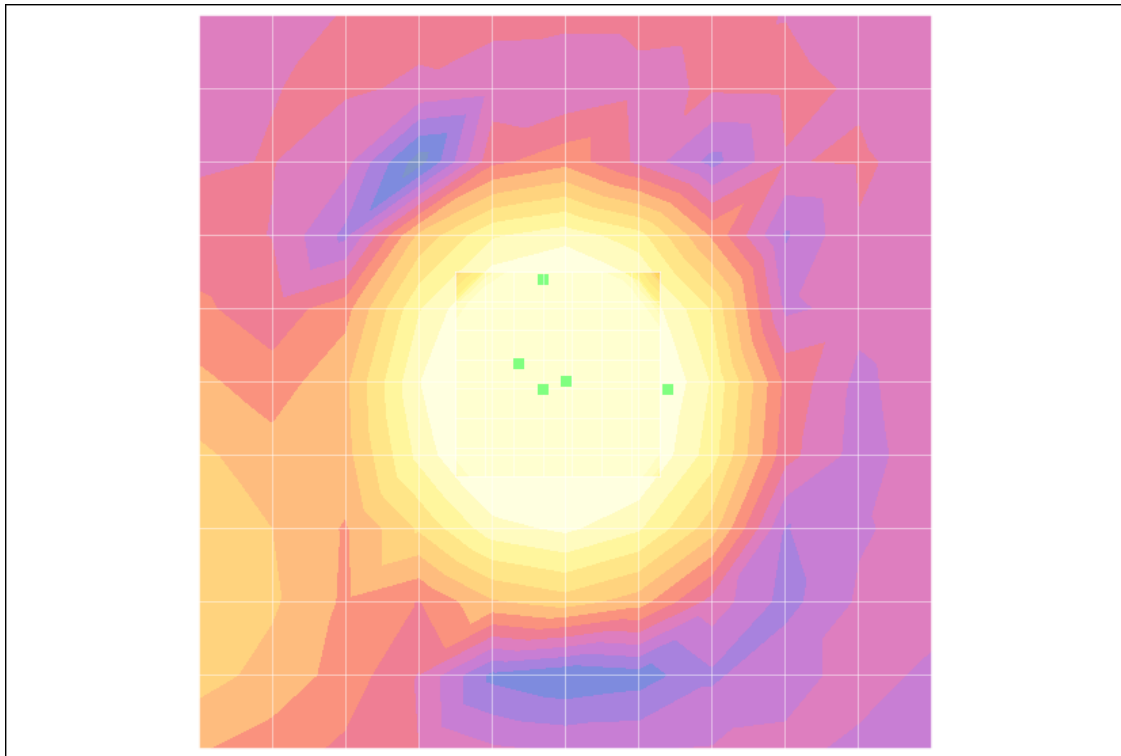
Measurement grid: dx=10mm, dy=10mm

Cursor:

ABM1 comp = 7.90 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 512CH

Test Laboratory: HCT
File Name: [GSM1900_512ch.da4](#)

DUT: P9020;
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 = -27.5 dB A/m
Location: -7, 0.5, 363.7 mm

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

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

Cursor:

ABM1/ABM2 = 27.6 dB
ABM1 comp = 0.194 dB A/m
BWC Factor = 0.152993 dB
Location: -7, 0.5, 363.7 mm

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

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

Cursor:

ABM1 comp = 0.194 dB A/m
BWC Factor = 0.152993 dB
Location: -7, 0.5, 363.7 mm

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

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

Cursor:

ABM2 = -35.6 dB A/m
Location: -0.5, -7, 363.7 mm

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

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

Cursor:

ABM1/ABM2 = 34.8 dB
ABM1 comp = -0.769 dB A/m
BWC Factor = 0.152993 dB
Location: -0.5, -7, 363.7 mm

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

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

Cursor:

ABM1 comp = -0.769 dB A/m
BWC Factor = 0.152993 dB
Location: -0.5, -7, 363.7 mm

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

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

Cursor:

ABM1 comp = 7.73 dB A/m
BWC Factor = 0.15103 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 = 0.533 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 = -40.1 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 = 48.0 dB

ABM1 comp = 7.84 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 = 7.84 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):

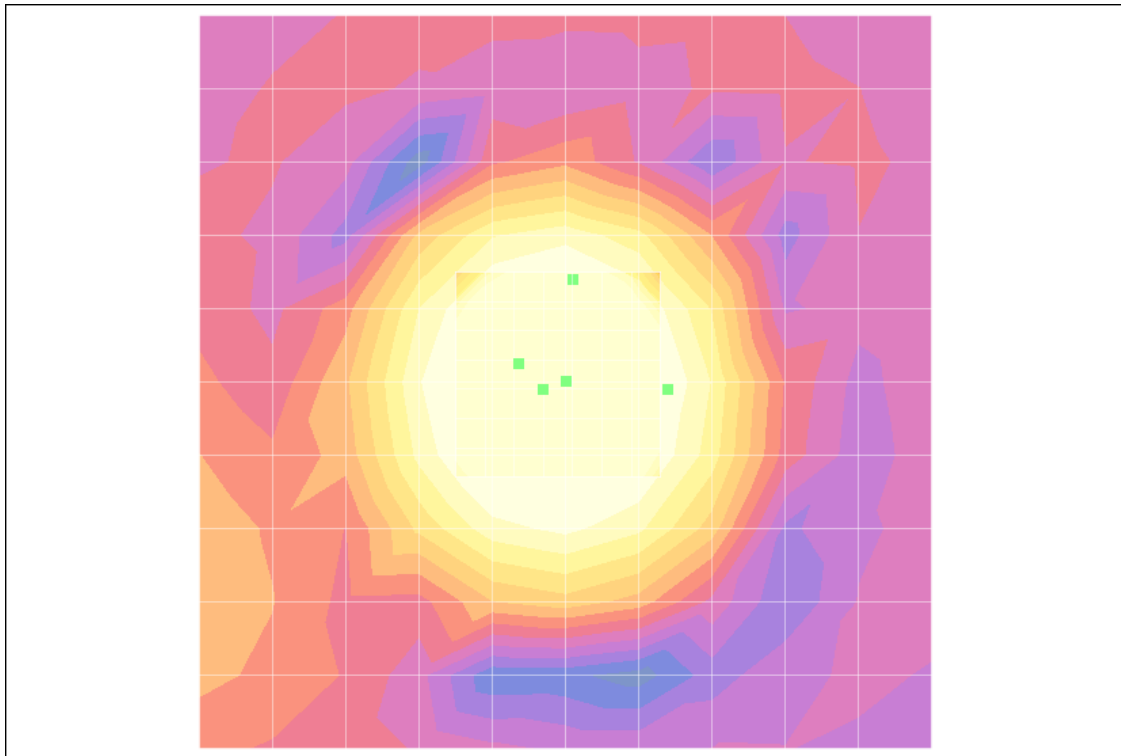
Measurement grid: dx=10mm, dy=10mm

Cursor:

ABM1 comp = 7.80 dB A/m

BWC Factor = 0.15103 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: P9020;
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 = -27.2 dB A/m
 Location: -7, 0.5, 363.7 mm

Point measurement/x (longitudinal) at max x/ABM SNR(x,y,z) (1x1x1):
 Measurement grid: dx=10mm, dy=10mm
Cursor:
 ABM1/ABM2 = 27.4 dB
 ABM1 comp = 0.207 dB A/m
 BWC Factor = 0.151969 dB
 Location: -7, 0.5, 363.7 mm

Point measurement/x (longitudinal) at max x/ABM Signal(x,y,z) (1x1x1):
 Measurement grid: dx=10mm, dy=10mm
Cursor:
 ABM1 comp = 0.207 dB A/m
 BWC Factor = 0.151969 dB
 Location: -7, 0.5, 363.7 mm

Point measurement/y (transversal) at max y/ABM Noise(x,y,z) (1x1x1):
 Measurement grid: dx=10mm, dy=10mm
Cursor:
 ABM2 = -33.1 dB A/m
 Location: 1.5, -7, 363.7 mm

Point measurement/y (transversal) at max y/ABM SNR(x,y,z) (1x1x1):
 Measurement grid: dx=10mm, dy=10mm
Cursor:
 ABM1/ABM2 = 32.6 dB
 ABM1 comp = -0.529 dB A/m
 BWC Factor = 0.151969 dB
 Location: 1.5, -7, 363.7 mm

Point measurement/y (transversal) at max y/ABM Signal(x,y,z) (1x1x1):
 Measurement grid: dx=10mm, dy=10mm
Cursor:
 ABM1 comp = -0.529 dB A/m
 BWC Factor = 0.151969 dB
 Location: 1.5, -7, 363.7 mm

Scans/z (axial) 15 x 15/ABM Signal(x,y,z) (8x8x1):
 Measurement grid: dx=10mm, dy=10mm
Cursor:
 ABM1 comp = 10.7 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 = 0.650 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 = -39.5 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 = 47.2 dB

ABM1 comp = 7.77 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 = 7.77 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):

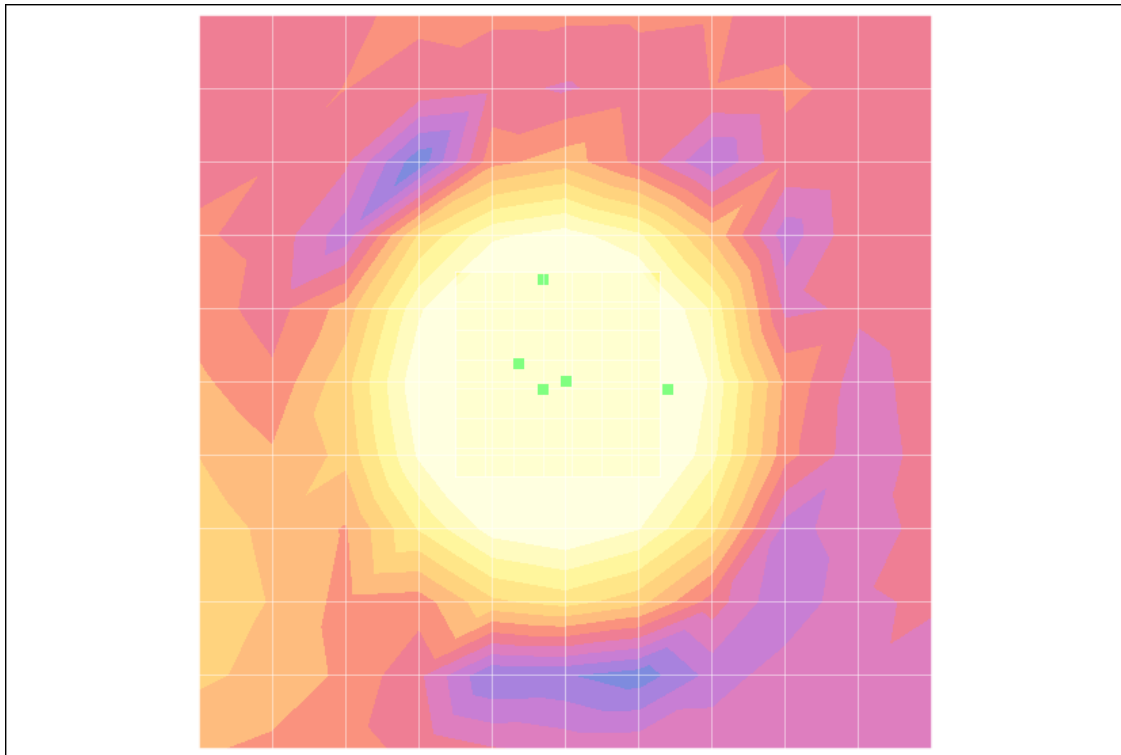
Measurement grid: dx=10mm, dy=10mm

Cursor:

ABM1 comp = 10.6 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: P9020;
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 = -27.3 dB A/m
Location: -7, 0.5, 363.7 mm

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

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

Cursor:

ABM1/ABM2 = 27.5 dB
ABM1 comp = 0.182 dB A/m
BWC Factor = 0.151969 dB
Location: -7, 0.5, 363.7 mm

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

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

Cursor:

ABM1 comp = 0.182 dB A/m
BWC Factor = 0.151969 dB
Location: -7, 0.5, 363.7 mm

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

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

Cursor:

ABM2 = -33.5 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 = 32.8 dB
ABM1 comp = -0.695 dB A/m
BWC Factor = 0.151969 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 = -0.695 dB A/m
BWC Factor = 0.151969 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 = 8.02 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 = 0.664 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 = -38.0 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 = 45.9 dB

ABM1 comp = 7.89 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 = 7.89 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):

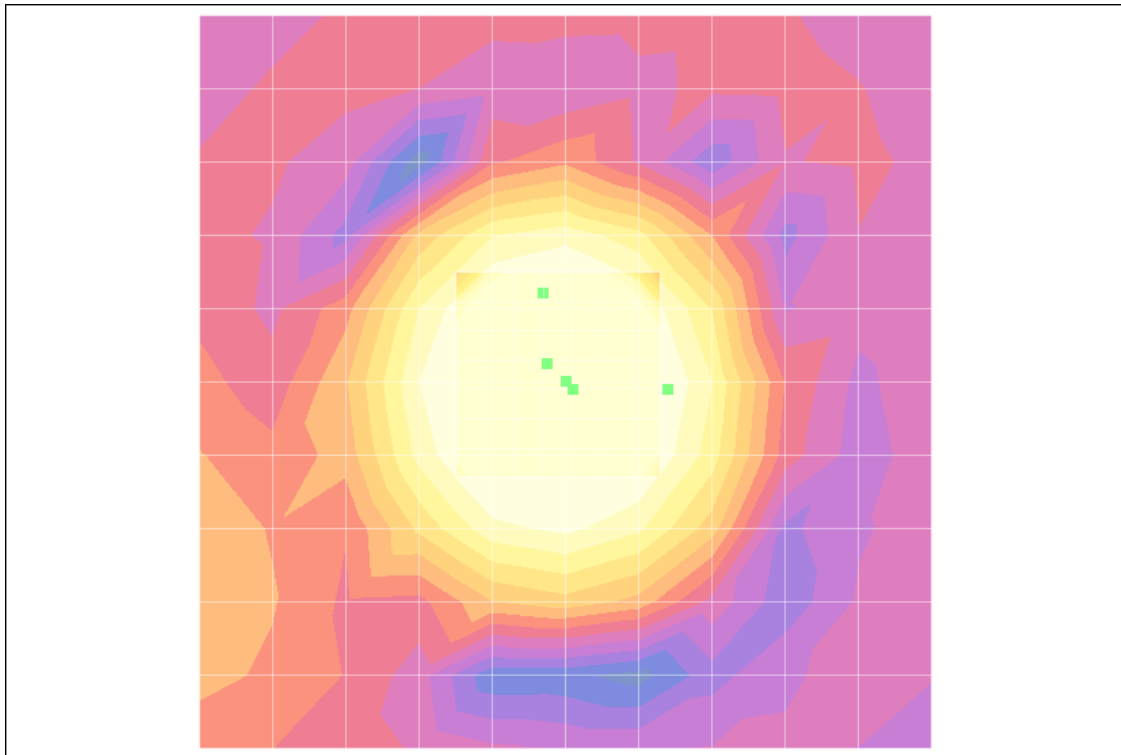
Measurement grid: dx=10mm, dy=10mm

Cursor:

ABM1 comp = 7.88 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: [WCDMA835_4132ch.da4](#)

DUT: P9020;
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 = -36.0 dB A/m
 Location: -7, 0.5, 363.7 mm

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

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

Cursor:

ABM1/ABM2 = 36.3 dB
 ABM1 comp = 0.271 dB A/m
 BWC Factor = 0.151969 dB
 Location: -7, 0.5, 363.7 mm

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

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

Cursor:

ABM1 comp = 0.271 dB A/m
 BWC Factor = 0.151969 dB
 Location: -7, 0.5, 363.7 mm

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

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

Cursor:

ABM2 = -37.4 dB A/m
 Location: 1.5, -7, 363.7 mm

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

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

Cursor:

ABM1/ABM2 = 36.9 dB
 ABM1 comp = -0.450 dB A/m
 BWC Factor = 0.151969 dB
 Location: 1.5, -7, 363.7 mm

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

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

Cursor:

ABM1 comp = -0.450 dB A/m
 BWC Factor = 0.151969 dB
 Location: 1.5, -7, 363.7 mm

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

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

Cursor:

ABM1 comp = 7.94 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 = 0.572 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 = -41.3 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 = 49.3 dB

ABM1 comp = 7.97 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 = 7.97 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):

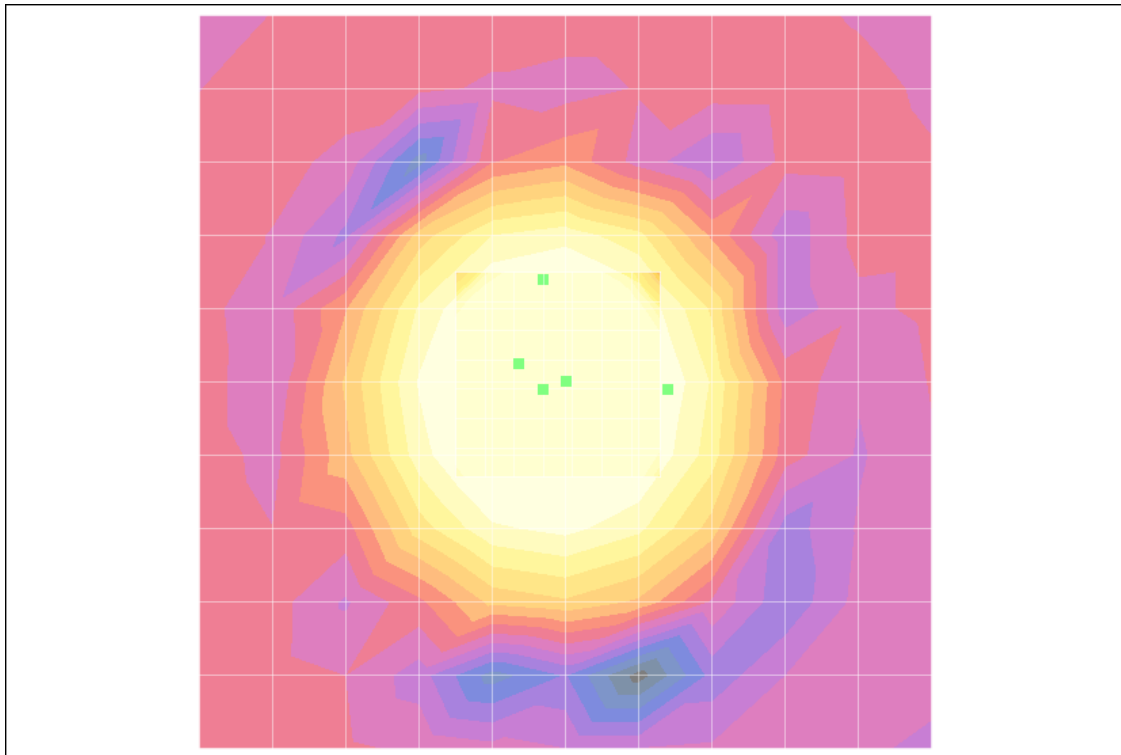
Measurement grid: dx=10mm, dy=10mm

Cursor:

ABM1 comp = 7.89 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: [WCDMA835_4183ch.da4](#)

DUT: P9020;
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 = -36.0 dB A/m
Location: -7, 0.5, 363.7 mm

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

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

Cursor:

ABM1/ABM2 = 36.3 dB
ABM1 comp = 0.234 dB A/m
BWC Factor = 0.151969 dB
Location: -7, 0.5, 363.7 mm

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

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

Cursor:

ABM1 comp = 0.234 dB A/m
BWC Factor = 0.151969 dB
Location: -7, 0.5, 363.7 mm

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

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

Cursor:

ABM2 = -37.3 dB A/m
Location: 1.5, -7, 363.7 mm

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

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

Cursor:

ABM1/ABM2 = 36.7 dB
ABM1 comp = -0.530 dB A/m
BWC Factor = 0.151969 dB
Location: 1.5, -7, 363.7 mm

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

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

Cursor:

ABM1 comp = -0.530 dB A/m
BWC Factor = 0.151969 dB
Location: 1.5, -7, 363.7 mm

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

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

Cursor:

ABM1 comp = 7.83 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 = 0.540 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 = -41.6 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 = 49.6 dB

ABM1 comp = 7.93 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 = 7.93 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):

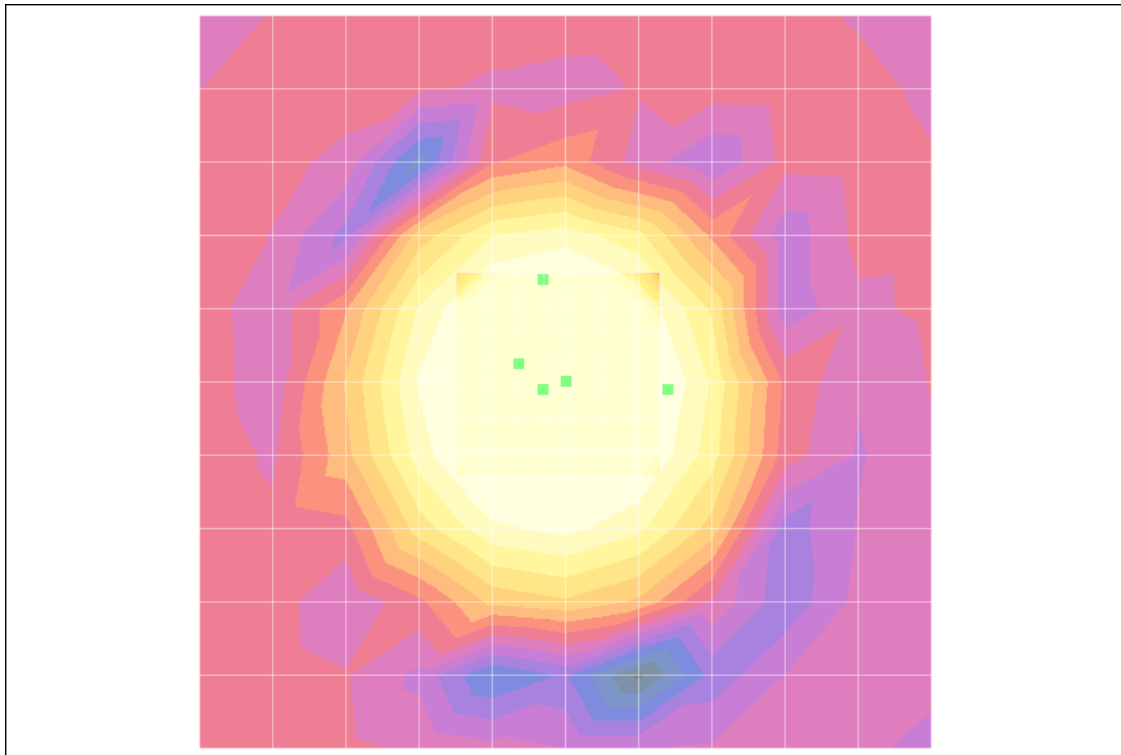
Measurement grid: dx=10mm, dy=10mm

Cursor:

ABM1 comp = 7.79 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 4233CH

Test Laboratory: HCT
 File Name: [WCDMA835_4233ch.da4](#)

DUT: P9020;
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 = -35.8 dB A/m
 Location: -7, 0.5, 363.7 mm

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

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

Cursor:

ABM1/ABM2 = 36.1 dB
 ABM1 comp = 0.267 dB A/m
 BWC Factor = 0.151969 dB
 Location: -7, 0.5, 363.7 mm

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

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

Cursor:

ABM1 comp = 0.267 dB A/m
 BWC Factor = 0.151969 dB
 Location: -7, 0.5, 363.7 mm

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

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

Cursor:

ABM2 = -37.3 dB A/m
 Location: 1.5, -7, 363.7 mm

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

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

Cursor:

ABM1/ABM2 = 36.5 dB
 ABM1 comp = -0.752 dB A/m
 BWC Factor = 0.151969 dB
 Location: 1.5, -7, 363.7 mm

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

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

Cursor:

ABM1 comp = -0.752 dB A/m
 BWC Factor = 0.151969 dB
 Location: 1.5, -7, 363.7 mm

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

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

Cursor:

ABM1 comp = 7.90 dB A/m
 BWC Factor = 0.15103 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 = 0.542 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 = -41.5 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 = 49.4 dB

ABM1 comp = 7.94 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 = 7.94 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):

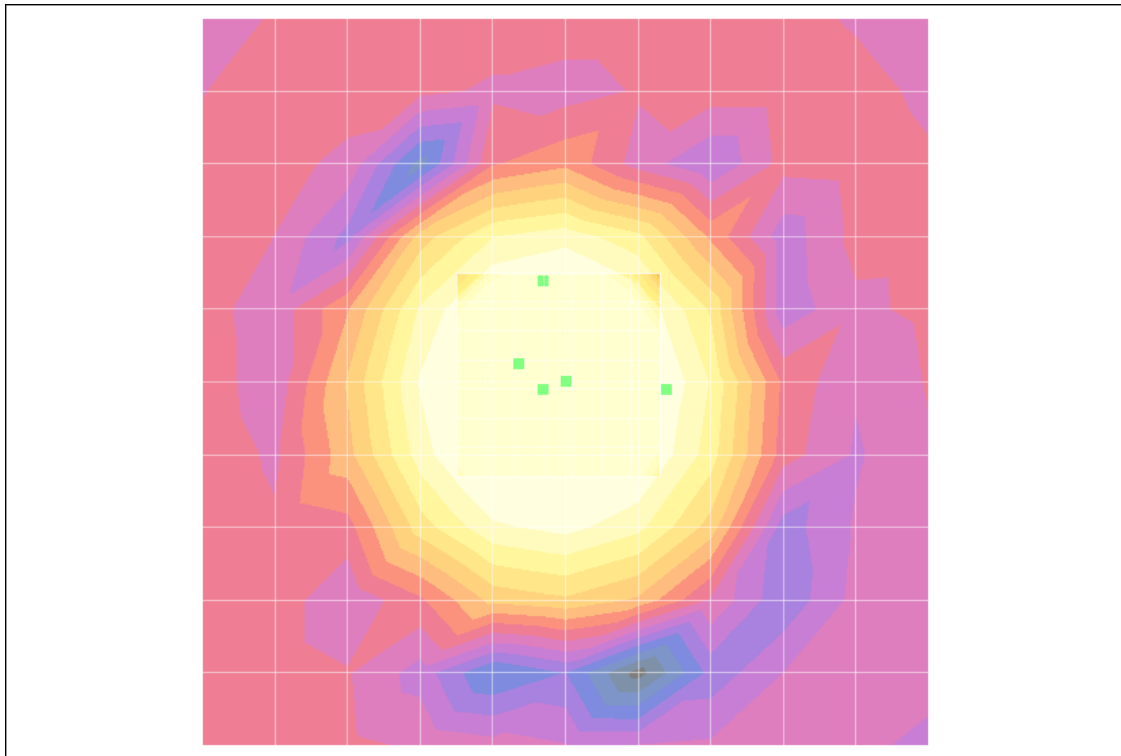
Measurement grid: dx=10mm, dy=10mm

Cursor:

ABM1 comp = 7.89 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 9262CH

Test Laboratory: HCT
 File Name: [WCDMA1900_9262ch.da4](#)

DUT: P9020;
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 = -36.0 dB A/m
 Location: -7, 0.5, 363.7 mm

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

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

Cursor:

ABM1/ABM2 = 36.2 dB
 ABM1 comp = 0.147 dB A/m
 BWC Factor = 0.151969 dB
 Location: -7, 0.5, 363.7 mm

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

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

Cursor:

ABM1 comp = 0.147 dB A/m
 BWC Factor = 0.151969 dB
 Location: -7, 0.5, 363.7 mm

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

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

Cursor:

ABM2 = -37.5 dB A/m
 Location: 1.5, -7, 363.7 mm

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

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

Cursor:

ABM1/ABM2 = 36.9 dB
 ABM1 comp = -0.655 dB A/m
 BWC Factor = 0.151969 dB
 Location: 1.5, -7, 363.7 mm

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

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

Cursor:

ABM1 comp = -0.655 dB A/m
 BWC Factor = 0.151969 dB
 Location: 1.5, -7, 363.7 mm

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

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

Cursor:

ABM1 comp = 7.79 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 = 0.743 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 = -41.3 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 = 49.0 dB

ABM1 comp = 7.79 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 = 7.79 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):

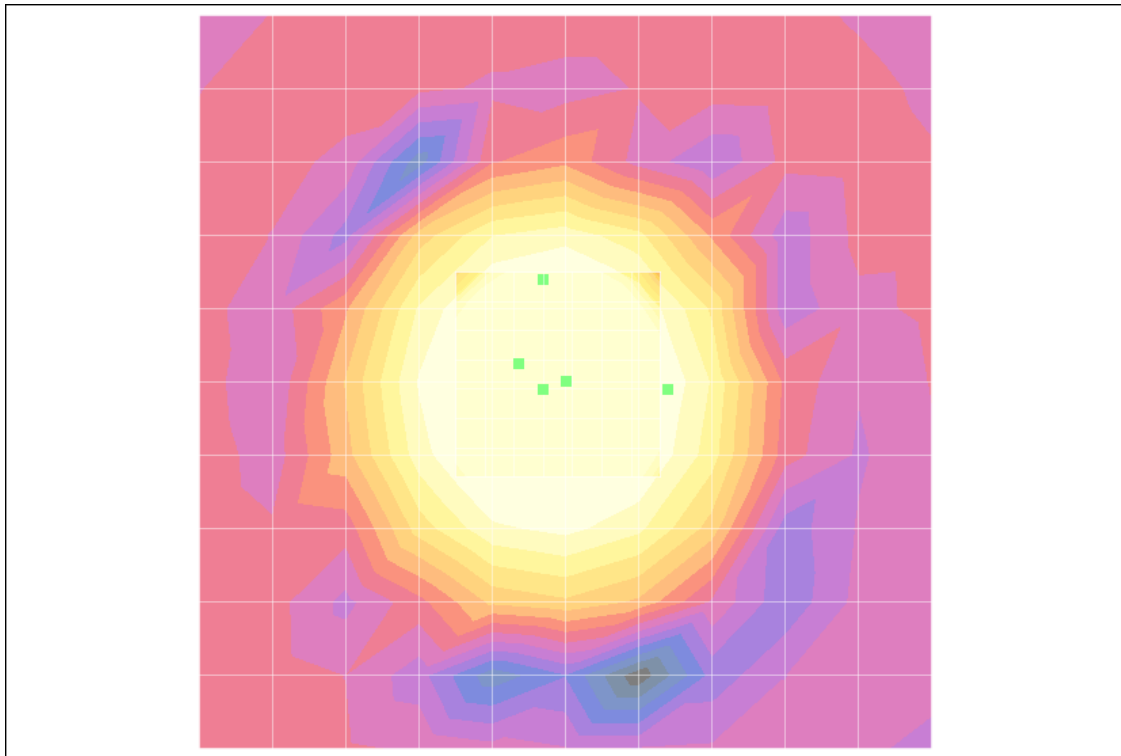
Measurement grid: dx=10mm, dy=10mm

Cursor:

ABM1 comp = 7.87 dB A/m

BWC Factor = 0.151969 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: P9020;
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 = -35.9 dB A/m
 Location: -7, 0.5, 363.7 mm

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

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

Cursor:

ABM1/ABM2 = 36.1 dB
 ABM1 comp = 0.214 dB A/m
 BWC Factor = 0.151969 dB
 Location: -7, 0.5, 363.7 mm

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

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

Cursor:

ABM1 comp = 0.214 dB A/m
 BWC Factor = 0.151969 dB
 Location: -7, 0.5, 363.7 mm

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

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

Cursor:

ABM2 = -37.2 dB A/m
 Location: 1.5, -7, 363.7 mm

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

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

Cursor:

ABM1/ABM2 = 36.6 dB
 ABM1 comp = -0.571 dB A/m
 BWC Factor = 0.151969 dB
 Location: 1.5, -7, 363.7 mm

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

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

Cursor:

ABM1 comp = -0.571 dB A/m
 BWC Factor = 0.151969 dB
 Location: 1.5, -7, 363.7 mm

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

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

Cursor:

ABM1 comp = 7.87 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 = 0.540 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 = -40.8 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 = 48.7 dB

ABM1 comp = 7.91 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 = 7.91 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):

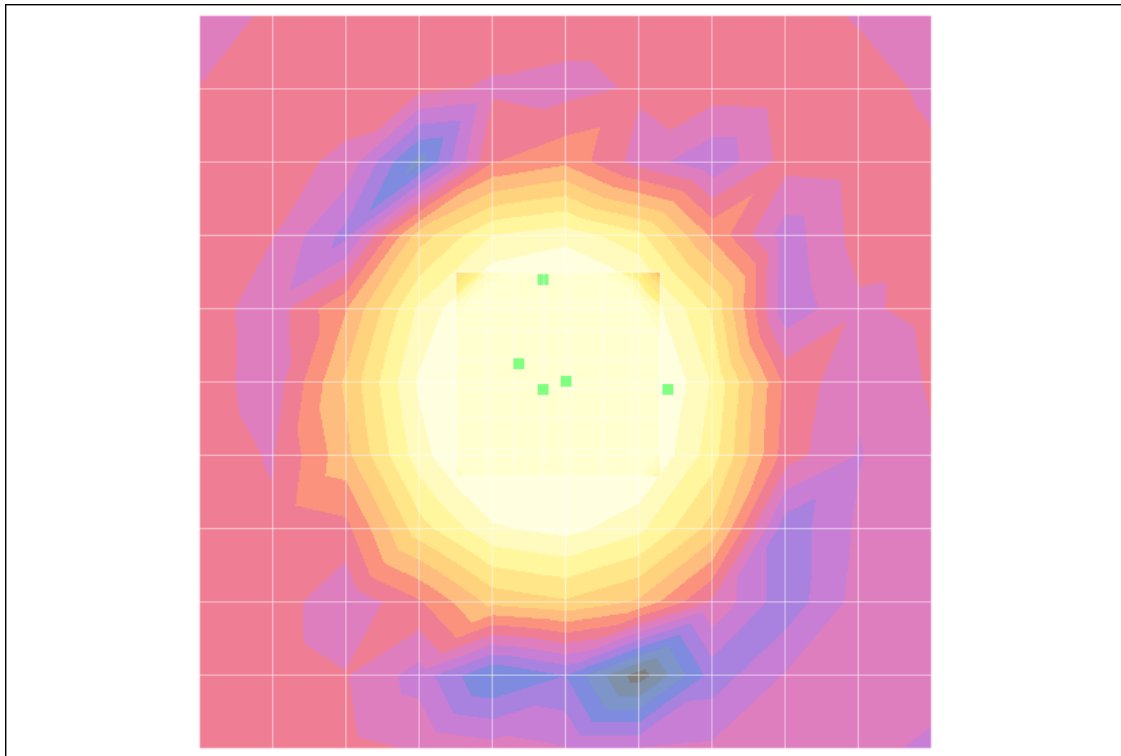
Measurement grid: dx=10mm, dy=10mm

Cursor:

ABM1 comp = 8.02 dB A/m

BWC Factor = 0.151969 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: P9020;
Program Name: HAC_TCoil_WD_Emission

Communication System: WCDMA1900; Frequency: 1907.6₃MHz; 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 = -36.2 dB A/m

Location: -7, 0.5, 363.7 mm

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

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

Cursor:

ABM1/ABM2 = 36.4 dB

ABM1 comp = 0.188 dB A/m

BWC Factor = 0.151969 dB

Location: -7, 0.5, 363.7 mm

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

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

Cursor:

ABM1 comp = 0.188 dB A/m

BWC Factor = 0.151969 dB

Location: -7, 0.5, 363.7 mm

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

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

Cursor:

ABM2 = -37.4 dB A/m

Location: 1.5, -7, 363.7 mm

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

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

Cursor:

ABM1/ABM2 = 36.8 dB

ABM1 comp = -0.596 dB A/m

BWC Factor = 0.151969 dB

Location: 1.5, -7, 363.7 mm

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

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

Cursor:

ABM1 comp = -0.596 dB A/m

BWC Factor = 0.151969 dB

Location: 1.5, -7, 363.7 mm

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

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

Cursor:

ABM1 comp = 7.74 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 = 0.637 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 = -42.0 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 = 49.8 dB

ABM1 comp = 7.81 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 = 7.81 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):

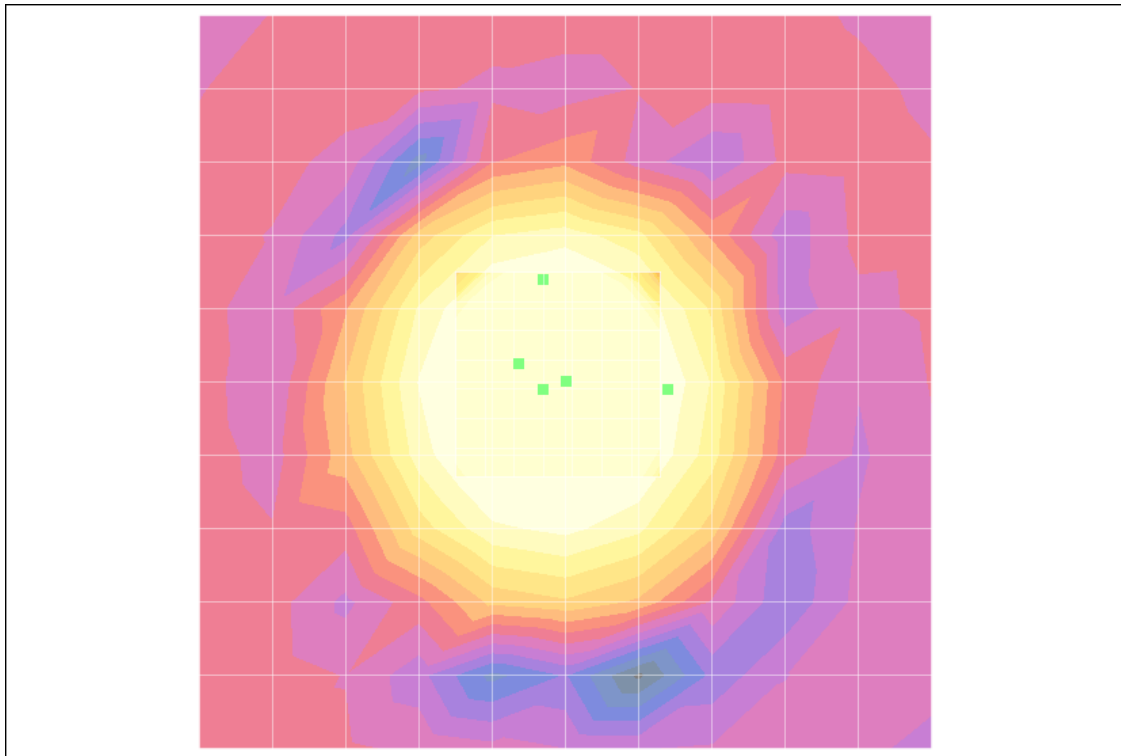
Measurement grid: dx=10mm, dy=10mm

Cursor:

ABM1 comp = 7.75 dB A/m

BWC Factor = 0.151969 dB

Location: 0, 0, 363.7 mm



0 dB = 1.00A/m