

Report No.:	HCTA1104FT02	FCC ID:	JYCP2030	Date of Issue:	Mar. 11,2011
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Appendix D

Contour Plots

Report No.:	HCTA1104FT02	FCC ID:	JYCP2030	Date of Issue:	Mar. 11,2011
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GSM 850 128CH

Test Laboratory: HCT
 File Name: [001_GSM850_128ch.da4](#)

DUT: P2030; 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: DAE3 Sn446; Calibrated: 2010-09-21
- Phantom: HAC Test Arch with Coil; Type: SD HAC P01 BA
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

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

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

Cursor:

ABM2 = -47.6 dB A/m
 Location: -8, -4.5, 363.7 mm

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

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

Cursor:

ABM1/ABM2 = 49.4 dB
 ABM1 comp = 1.80 dB A/m
 BWC Factor = 0.151969 dB
 Location: -8, -4.5, 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 = 1.80 dB A/m
 BWC Factor = 0.151969 dB
 Location: -8, -4.5, 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: -0.5, 3, 363.7 mm

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

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

Cursor:

ABM1/ABM2 = 48.9 dB
 ABM1 comp = 0.420 dB A/m
 BWC Factor = 0.151969 dB
 Location: -0.5, 3, 363.7 mm

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

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

Cursor:

ABM1 comp = 0.420 dB A/m
 BWC Factor = 0.151969 dB
 Location: -0.5, 3, 363.7 mm

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

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

Cursor:

ABM1 comp = 7.38 dB A/m
 BWC Factor = 0.151969 dB
 Location: -2.5, -2.5, 363.7 mm

Report No.:	HCTA1104FT02	FCC ID:	JYCP2030	Date of Issue:	Mar. 11,2011
--------------------	--------------	----------------	----------	-----------------------	--------------

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

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

Cursor:

Diff = 2.00 dB
BWC Factor = 10.8 dB
Location: -0.8, -4.2, 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: -2.5, -2.5, 363.7 mm

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

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

Cursor:

ABM1/ABM2 = 45.6 dB
ABM1 comp = 8.80 dB A/m
BWC Factor = 0.151969 dB
Location: -2.5, -2.5, 363.7 mm

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

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

Cursor:

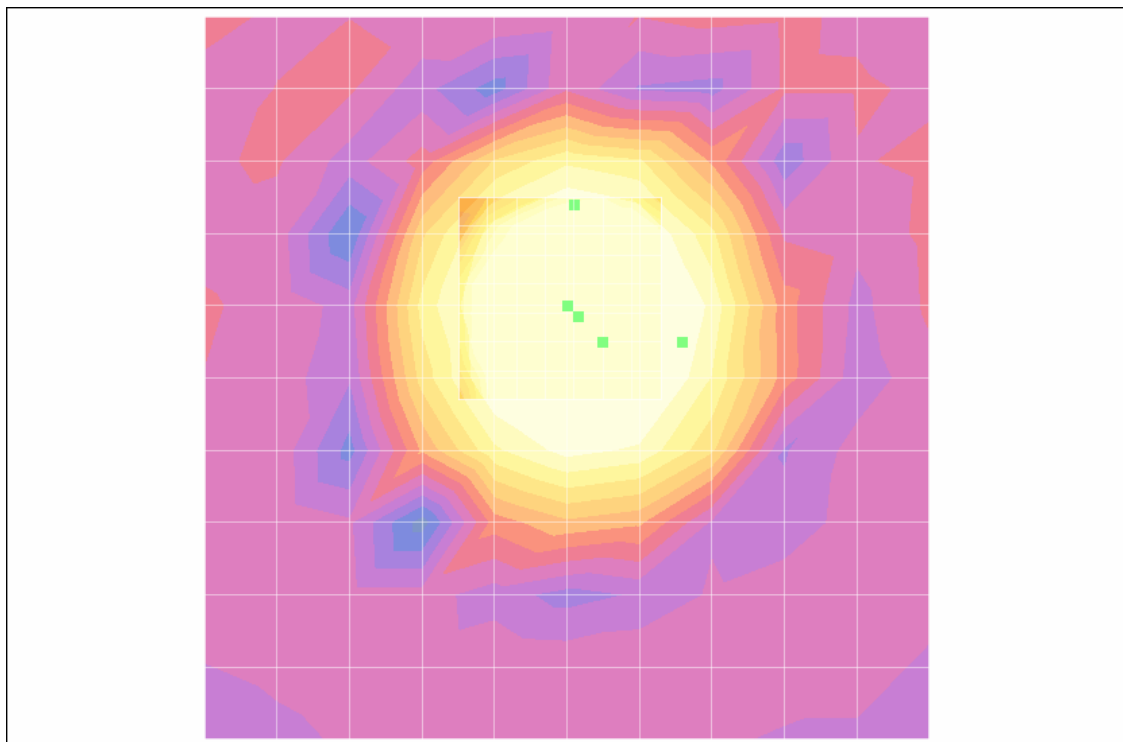
ABM1 comp = 8.80 dB A/m
BWC Factor = 0.151969 dB
Location: -2.5, -2.5, 363.7 mm

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

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

Cursor:

ABM1 comp = 7.87 dB A/m
BWC Factor = 0.151969 dB
Location: 0, -5, 363.7 mm



0 dB = 1.00A/m

Report No.:	HCTA1104FT02	FCC ID:	JYCP2030	Date of Issue:	Mar. 11,2011
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GSM 850 190CH

Test Laboratory: HCT
 File Name: [002 GSM850_190ch.da4](#)

DUT: P2030; 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: DAE3 Sn446; Calibrated: 2010-09-21
 - Phantom: HAC Test Arch with Coil; Type: SD HAC P01 BA
 - Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

Point measurement/x (longitudinal) at max x/ABM Noise(x,y,z) (1x1x1):
 Measurement grid: dx=10mm, dy=10mm
Cursor:
 ABM2 = -48.7 dB A/m
 Location: -8, -2.5, 363.7 mm

Point measurement/x (longitudinal) at max x/ABM SNR(x,y,z) (1x1x1):
 Measurement grid: dx=10mm, dy=10mm
Cursor:
 ABM1/ABM2 = 50.4 dB
 ABM1 comp = 1.72 dB A/m
 BWC Factor = 0.151969 dB
 Location: -8, -2.5, 363.7 mm

Point measurement/x (longitudinal) at max x/ABM Signal(x,y,z) (1x1x1):
 Measurement grid: dx=10mm, dy=10mm
Cursor:
 ABM1 comp = 1.72 dB A/m
 BWC Factor = 0.151969 dB
 Location: -8, -2.5, 363.7 mm

Point measurement/y (transversal) at max y/ABM Noise(x,y,z) (1x1x1):
 Measurement grid: dx=10mm, dy=10mm
Cursor:
 ABM2 = -50.6 dB A/m
 Location: -0.5, -12, 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 = 51.5 dB
 ABM1 comp = 0.930 dB A/m
 BWC Factor = 0.151969 dB
 Location: -0.5, -12, 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 = 0.930 dB A/m
 BWC Factor = 0.151969 dB
 Location: -0.5, -12, 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 = 0.151969 dB
 Location: -2.5, -2.5, 363.7 mm

Report No.:	HCTA1104FT02	FCC ID:	JYCP2030	Date of Issue:	Mar. 11,2011
--------------------	--------------	----------------	----------	-----------------------	--------------

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

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

Cursor:

Diff = 2.00 dB
BWC Factor = 10.8 dB
Location: -0.8, -4.2, 365 mm

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

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

Cursor:

ABM2 = -37.0 dB A/m
Location: -2.5, -2.5, 363.7 mm

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

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

Cursor:

ABM1/ABM2 = 46.0 dB
ABM1 comp = 9.02 dB A/m
BWC Factor = 0.151969 dB
Location: -2.5, -2.5, 363.7 mm

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

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

Cursor:

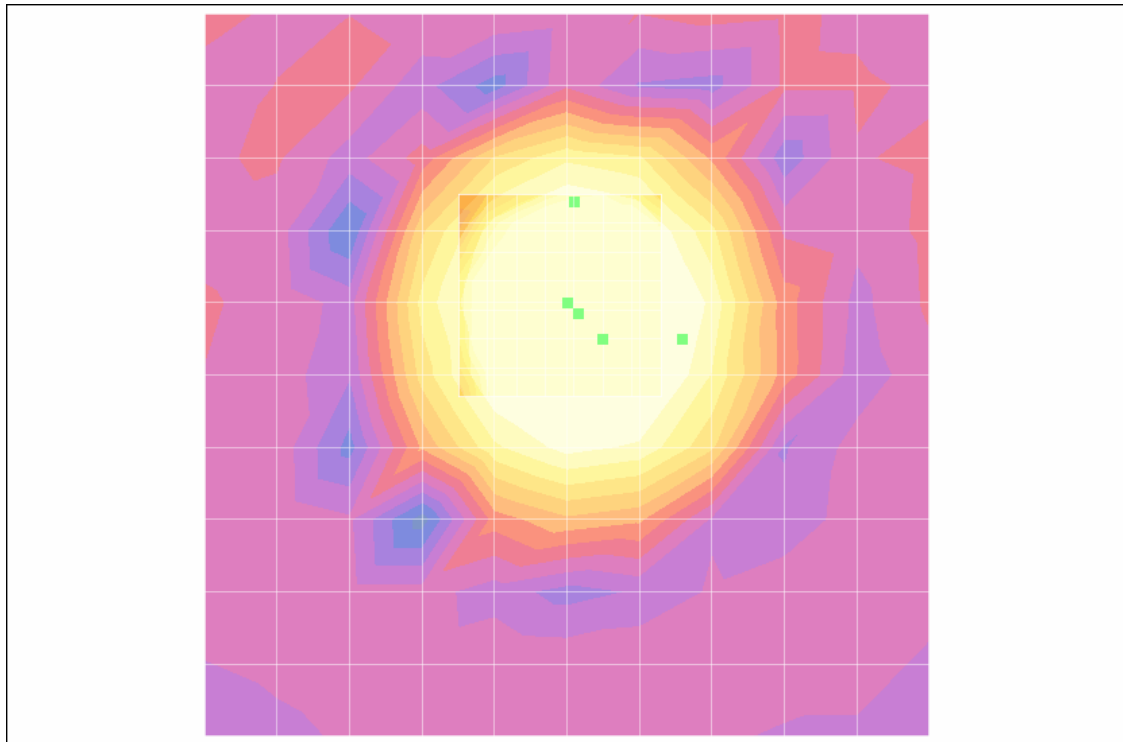
ABM1 comp = 9.02 dB A/m
BWC Factor = 0.151969 dB
Location: -2.5, -2.5, 363.7 mm

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

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

Cursor:

ABM1 comp = 8.21 dB A/m
BWC Factor = 0.151969 dB
Location: 0, -5, 363.7 mm



0 dB = 1.00A/m

Report No.:	HCTA1104FT02	FCC ID:	JYCP2030	Date of Issue:	Mar. 11,2011
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GSM 850 251CH

Test Laboratory: HCT
 File Name: [003_GSM850_251ch.da4](#)

DUT: P2030; 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: DAE3 Sn446; Calibrated: 2010-09-21
- Phantom: HAC Test Arch with Coil; Type: SD HAC P01 BA
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

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

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

Cursor:

ABM2 = -46.4 dB A/m
 Location: 7, -2.5, 363.7 mm

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

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

Cursor:

ABM1/ABM2 = 46.1 dB
 ABM1 comp = -0.345 dB A/m
 BWC Factor = 0.151969 dB
 Location: 7, -2.5, 363.7 mm

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

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

Cursor:

ABM1 comp = -0.345 dB A/m
 BWC Factor = 0.151969 dB
 Location: 7, -2.5, 363.7 mm

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

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

Cursor:

ABM2 = -51.6 dB A/m
 Location: -0.5, -11, 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 = 52.2 dB
 ABM1 comp = 0.637 dB A/m
 BWC Factor = 0.151969 dB
 Location: -0.5, -11, 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 = 0.637 dB A/m
 BWC Factor = 0.151969 dB
 Location: -0.5, -11, 363.7 mm

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

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

Cursor:

ABM1 comp = 8.29 dB A/m
 BWC Factor = 0.151969 dB
 Location: -0.5, -4.5, 363.7 mm

Report No.:	HCTA1104FT02	FCC ID:	JYCP2030	Date of Issue:	Mar. 11,2011
--------------------	--------------	----------------	----------	-----------------------	--------------

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

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

Cursor:

Diff = 2.00 dB

BWC Factor = 10.8 dB

Location: 1.2, -6.2, 365 mm

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

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

Cursor:

ABM2 = -36.2 dB A/m

Location: -0.5, -4.5, 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 = 9.72 dB A/m

BWC Factor = 0.151969 dB

Location: -0.5, -4.5, 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 = 9.72 dB A/m

BWC Factor = 0.151969 dB

Location: -0.5, -4.5, 363.7 mm

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

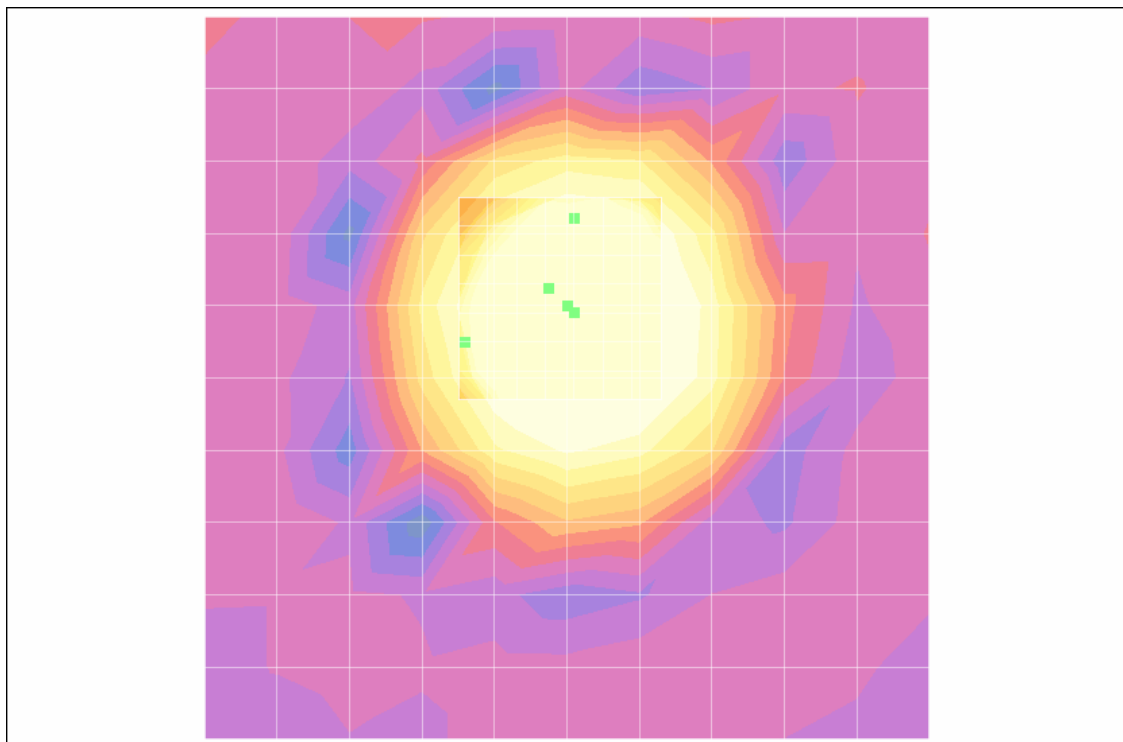
Measurement grid: dx=10mm, dy=10mm

Cursor:

ABM1 comp = 7.16 dB A/m

BWC Factor = 0.151969 dB

Location: 0, -5, 363.7 mm



0 dB = 1.00A/m

Report No.:	HCTA1104FT02	FCC ID:	JYCP2030	Date of Issue:	Mar. 11,2011
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GSM1900 512CH

Test Laboratory: HCT
 File Name: [004 GSM1900_512ch.da4](#)

DUT: P2030; 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: DAE3 Sn446; Calibrated: 2010-09-21
 - Phantom: HAC Test Arch with Coil; Type: SD HAC P01 BA
 - Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

Point measurement/x (longitudinal) at max x/ABM Noise(x,y,z) (1x1x1):
 Measurement grid: dx=10mm, dy=10mm
Cursor:
 ABM2 = -41.8 dB A/m
 Location: -7, -4.5, 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 = 2.42 dB A/m
 BWC Factor = 0.152993 dB
 Location: -7, -4.5, 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 = 2.42 dB A/m
 BWC Factor = 0.152993 dB
 Location: -7, -4.5, 363.7 mm

Point measurement/y (transversal) at max y/ABM Noise(x,y,z) (1x1x1):
 Measurement grid: dx=10mm, dy=10mm
Cursor:
 ABM2 = -43.2 dB A/m
 Location: -0.5, -12, 363.7 mm

Point measurement/y (transversal) at max y/ABM SNR(x,y,z) (1x1x1):
 Measurement grid: dx=10mm, dy=10mm
Cursor:
 ABM1/ABM2 = 44.3 dB
 ABM1 comp = 1.09 dB A/m
 BWC Factor = 0.152993 dB
 Location: -0.5, -12, 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 = 0.152993 dB
 Location: -0.5, -12, 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 = 0.151969 dB
 Location: -0.5, -4.5, 363.7 mm

Report No.:	HCTA1104FT02	FCC ID:	JYCP2030	Date of Issue:	Mar. 11,2011
--------------------	--------------	----------------	----------	-----------------------	--------------

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

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

Cursor:

Diff = 2.00 dB
 BWC Factor = 10.8 dB
 Location: 1.2, -6.2, 365 mm

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

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

Cursor:

ABM2 = -33.8 dB A/m
 Location: -0.5, -4.5, 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 = 42.8 dB
 ABM1 comp = 9.03 dB A/m
 BWC Factor = 0.152993 dB
 Location: -0.5, -4.5, 363.7 mm

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

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

Cursor:

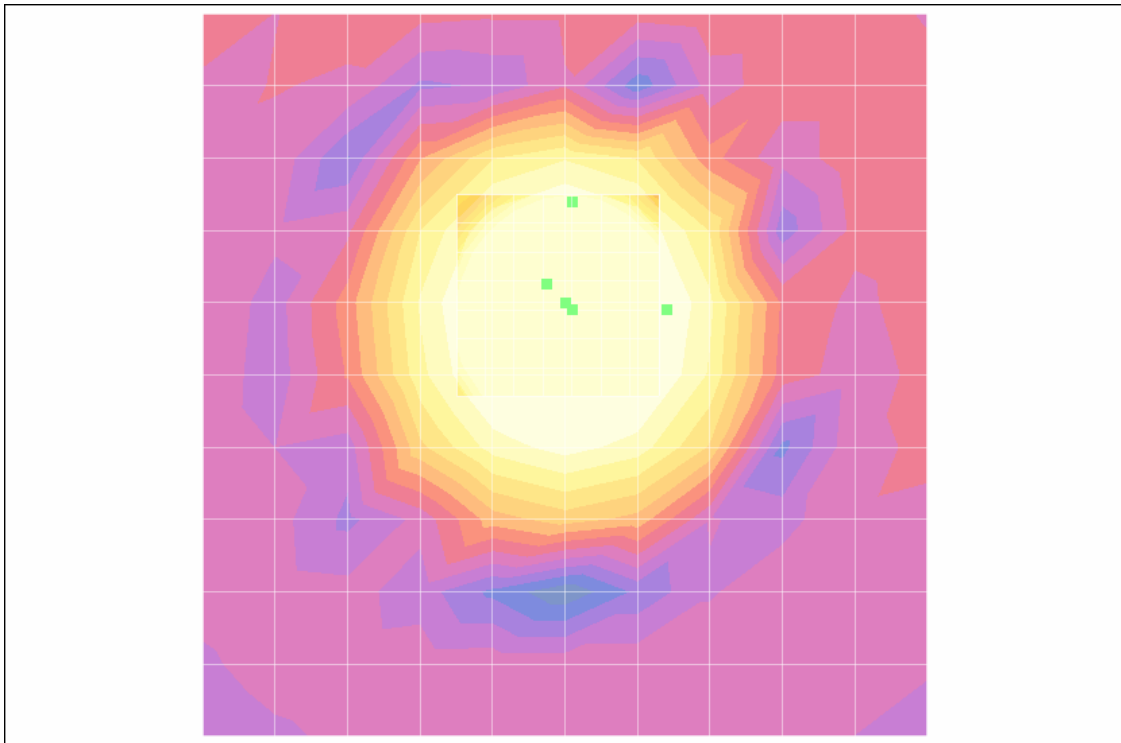
ABM1 comp = 9.03 dB A/m
 BWC Factor = 0.152993 dB
 Location: -0.5, -4.5, 363.7 mm

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

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

Cursor:

ABM1 comp = 7.66 dB A/m
 BWC Factor = 0.151969 dB
 Location: 0, -5, 363.7 mm



0 dB = 1.00A/m

Report No.:	HCTA1104FT02	FCC ID:	JYCP2030	Date of Issue:	Mar. 11,2011
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GSM1900 661CH

Test Laboratory: HCT
 File Name: [005_GSM1900_661ch.da4](#)

DUT: P2030; Type: Bar
Program Name: HAC_TCoil_WD_Emission

Communication System: GSM 1900; Frequency: 836.6 MHz; 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: DAE3 Sn446; Calibrated: 2010-09-21
- Phantom: HAC Test Arch with Coil; Type: SD HAC P01 BA
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

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

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

Cursor:

ABM2 = -49.0 dB A/m
 Location: -8, -4.5, 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 = 51.2 dB
 ABM1 comp = 2.15 dB A/m
 BWC Factor = 0.151969 dB
 Location: -8, -4.5, 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 = 2.15 dB A/m
 BWC Factor = 0.151969 dB
 Location: -8, -4.5, 363.7 mm

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

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

Cursor:

ABM2 = -51.2 dB A/m
 Location: -0.5, 5, 363.7 mm

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

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

Cursor:

ABM1/ABM2 = 51.6 dB
 ABM1 comp = 0.396 dB A/m
 BWC Factor = 0.151969 dB
 Location: -0.5, 5, 363.7 mm

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

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

Cursor:

ABM1 comp = 0.396 dB A/m
 BWC Factor = 0.151969 dB
 Location: -0.5, 5, 363.7 mm

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

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

Cursor:

ABM1 comp = 8.27 dB A/m
 BWC Factor = 0.151969 dB
 Location: -0.5, -4.5, 363.7 mm

Report No.:	HCTA1104FT02	FCC ID:	JYCP2030	Date of Issue:	Mar. 11, 2011
--------------------	--------------	----------------	----------	-----------------------	---------------

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

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

Cursor:

Diff = 2.00 dB
BWC Factor = 10.8 dB
Location: 1.2, -6.2, 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: -0.5, -4.5, 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 = 48.4 dB
ABM1 comp = 9.44 dB A/m
BWC Factor = 0.151969 dB
Location: -0.5, -4.5, 363.7 mm

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

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

Cursor:

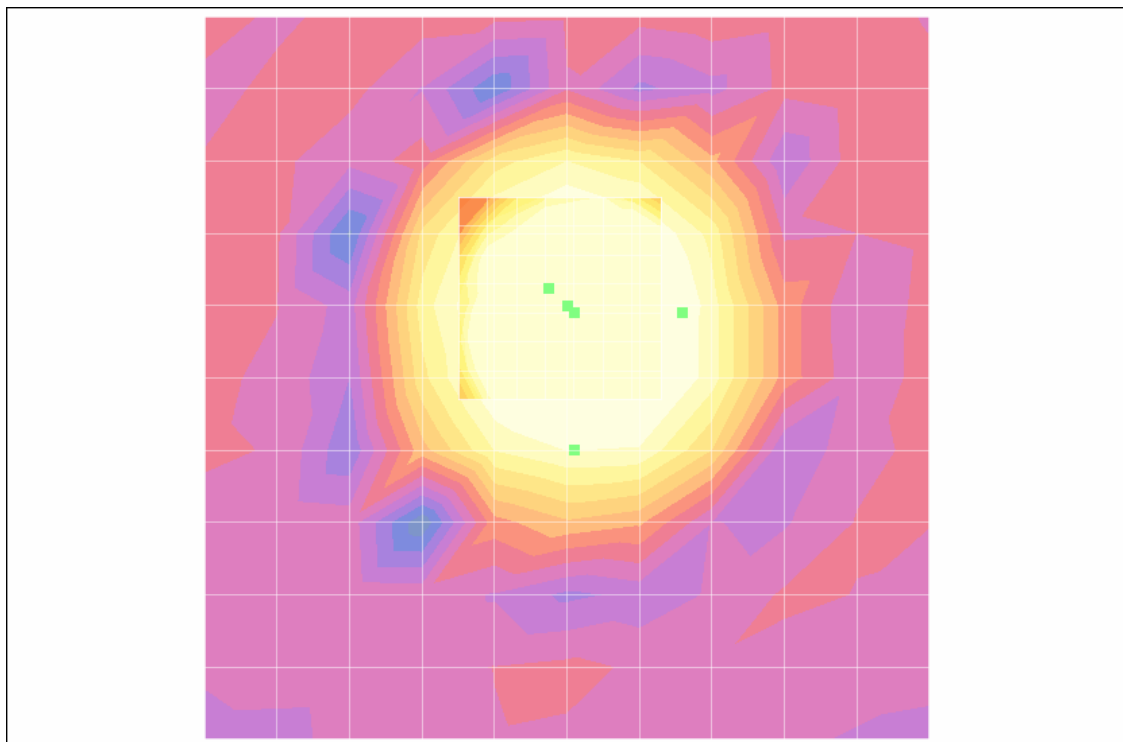
ABM1 comp = 9.44 dB A/m
BWC Factor = 0.151969 dB
Location: -0.5, -4.5, 363.7 mm

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

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

Cursor:

ABM1 comp = 7.94 dB A/m
BWC Factor = 0.151969 dB
Location: 0, -5, 363.7 mm



0 dB = 1.00A/m

Report No.:	HCTA1104FT02	FCC ID:	JYCP2030	Date of Issue:	Mar. 11,2011
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GSM1900 810CH

Test Laboratory: HCT
 File Name: [006 GSM1900_810ch.da4](#)

DUT: P2030; 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: DAE3 Sn446; Calibrated: 2010-09-21
 - Phantom: HAC Test Arch with Coil; Type: SD HAC P01 BA
 - Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

Point measurement/x (longitudinal) at max x/ABM Noise(x,y,z) (1x1x1):
 Measurement grid: dx=10mm, dy=10mm
Cursor:
 ABM2 = -41.7 dB A/m
 Location: -7, -4.5, 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 = 44.0 dB
 ABM1 comp = 2.31 dB A/m
 BWC Factor = 0.151969 dB
 Location: -7, -4.5, 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 = 2.31 dB A/m
 BWC Factor = 0.151969 dB
 Location: -7, -4.5, 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: 1.5, -12, 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 = 44.1 dB
 ABM1 comp = 1.03 dB A/m
 BWC Factor = 0.151969 dB
 Location: 1.5, -12, 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 = 1.03 dB A/m
 BWC Factor = 0.151969 dB
 Location: 1.5, -12, 363.7 mm

Scans/z (axial) 15 x 15/ABM Signal(x,y,z) (8x8x1):
 Measurement grid: dx=10mm, dy=10mm
Cursor:
 ABM1 comp = 7.99 dB A/m
 BWC Factor = 0.151969 dB
 Location: -0.5, -4.5, 363.7 mm

Report No.:	HCTA1104FT02	FCC ID:	JYCP2030	Date of Issue:	Mar. 11,2011
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Point measurement/z (axial) 300-3k response at max/ABM Freq Resp(x,y,z,f) (1x1x1):

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

Cursor:

Diff = 2.00 dB

BWC Factor = 10.8 dB

Location: 1.2, -6.2, 365 mm

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

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

Cursor:

ABM2 = -33.5 dB A/m

Location: -0.5, -4.5, 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 = 42.6 dB

ABM1 comp = 9.08 dB A/m

BWC Factor = 0.151969 dB

Location: -0.5, -4.5, 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 = 9.08 dB A/m

BWC Factor = 0.151969 dB

Location: -0.5, -4.5, 363.7 mm

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

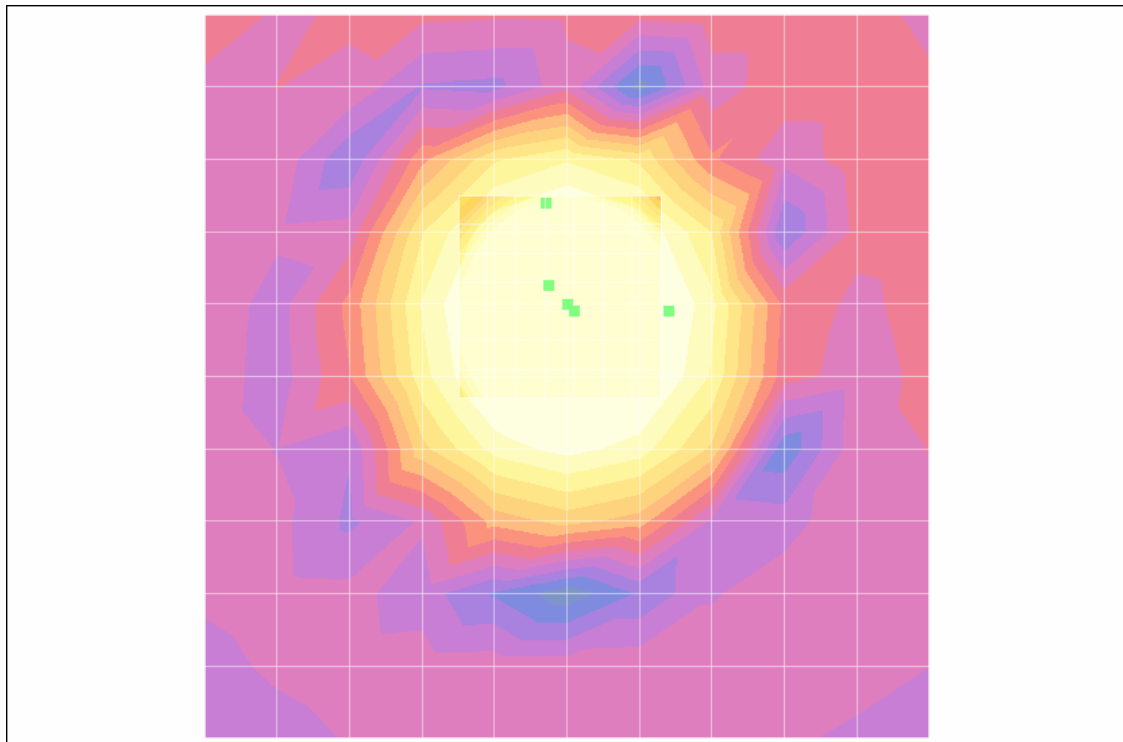
Measurement grid: dx=10mm, dy=10mm

Cursor:

ABM1 comp = 7.67 dB A/m

BWC Factor = 0.151969 dB

Location: 0, -5, 363.7 mm



0 dB = 1.00A/m

Report No.:	HCTA1104FT02	FCC ID:	JYCP2030	Date of Issue:	Mar. 11,2011
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WCDMA850 4132CH

Test Laboratory: HCT
 File Name: [007_WCDMA850_4132ch.da4](#)

DUT: P2030; 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: DAE3 Sn446; Calibrated: 2010-09-21
- Phantom: HAC Test Arch with Coil; Type: SD HAC P01 BA
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

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

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

Cursor:

ABM2 = -49.4 dB A/m
 Location: -7, -4.5, 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 = 51.3 dB
 ABM1 comp = 1.90 dB A/m
 BWC Factor = 0.152993 dB
 Location: -7, -4.5, 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 = 1.90 dB A/m
 BWC Factor = 0.152993 dB
 Location: -7, -4.5, 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: -0.5, -12, 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 = 49.4 dB
 ABM1 comp = 0.899 dB A/m
 BWC Factor = 0.152993 dB
 Location: -0.5, -12, 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 = 0.899 dB A/m
 BWC Factor = 0.152993 dB
 Location: -0.5, -12, 363.7 mm

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

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

Cursor:

ABM1 comp = 6.83 dB A/m
 BWC Factor = 0.151969 dB
 Location: -0.5, -4.5, 363.7 mm

Report No.:	HCTA1104FT02	FCC ID:	JYCP2030	Date of Issue:	Mar. 11,2011
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Point measurement/z (axial) 300–3k response at max/ABM Freq Resp(x,y,z,f) (1x1x1):

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

Cursor:

Diff = 2.00 dB

BWC Factor = 10.8 dB

Location: 1.2, -6.2, 365 mm

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

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

Cursor:

ABM2 = -38.8 dB A/m

Location: -0.5, -4.5, 363.7 mm

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

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

Cursor:

ABM1/ABM2 = 47.3 dB

ABM1 comp = 8.54 dB A/m

BWC Factor = 0.152993 dB

Location: -0.5, -4.5, 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 = 8.54 dB A/m

BWC Factor = 0.152993 dB

Location: -0.5, -4.5, 363.7 mm

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

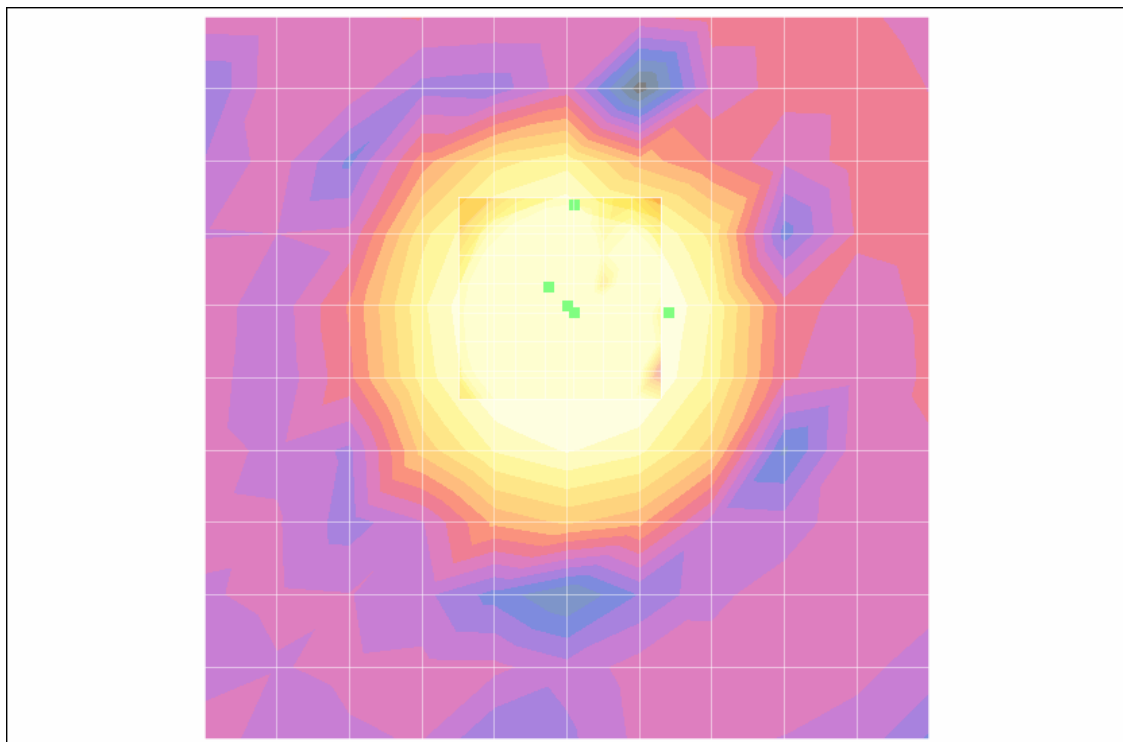
Measurement grid: dx=10mm, dy=10mm

Cursor:

ABM1 comp = 6.65 dB A/m

BWC Factor = 0.151969 dB

Location: 0, -5, 363.7 mm



0 dB = 1.00A/m

Report No.:	HCTA1104FT02	FCC ID:	JYCP2030	Date of Issue:	Mar. 11,2011
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WCDMA850 4183CH

Test Laboratory: HCT
 File Name: [008_WCDMA850_4183ch.da4](#)

DUT: P2030; 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: DAE3 Sn446; Calibrated: 2010-09-21
 - Phantom: HAC Test Arch with Coil; Type: SD HAC P01 BA
 - Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

Point measurement/x (longitudinal) at max x/ABM Noise(x,y,z) (1x1x1):
 Measurement grid: dx=10mm, dy=10mm
Cursor:
 ABM2 = -47.5 dB A/m
 Location: -8, -4.5, 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 = 49.0 dB
 ABM1 comp = 1.41 dB A/m
 BWC Factor = 0.15103 dB
 Location: -8, -4.5, 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 = 1.41 dB A/m
 BWC Factor = 0.15103 dB
 Location: -8, -4.5, 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: -2.5, 3, 363.7 mm

Point measurement/y (transversal) at max y/ABM SNR(x,y,z) (1x1x1):
 Measurement grid: dx=10mm, dy=10mm
Cursor:
 ABM1/ABM2 = 48.5 dB
 ABM1 comp = 0.106 dB A/m
 BWC Factor = 0.15103 dB
 Location: -2.5, 3, 363.7 mm

Point measurement/y (transversal) at max y/ABM Signal(x,y,z) (1x1x1):
 Measurement grid: dx=10mm, dy=10mm
Cursor:
 ABM1 comp = 0.106 dB A/m
 BWC Factor = 0.15103 dB
 Location: -2.5, 3, 363.7 mm

Scans/z (axial) 15 x 15/ABM Signal(x,y,z) (8x8x1):
 Measurement grid: dx=10mm, dy=10mm
Cursor:
 ABM1 comp = 7.38 dB A/m
 BWC Factor = 0.151969 dB
 Location: -0.5, -4.5, 363.7 mm

Report No.:	HCTA1104FT02	FCC ID:	JYCP2030	Date of Issue:	Mar. 11, 2011
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Point measurement/z (axial) 300-3k response at max/ABM Freq Resp(x,y,z,f) (1x1x1):

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

Cursor:

Diff = 2.00 dB
BWC Factor = 10.8 dB
Location: 1.2, -6.2, 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: -0.5, -4.5, 363.7 mm

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

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

Cursor:

ABM1/ABM2 = 49.5 dB
ABM1 comp = 8.96 dB A/m
BWC Factor = 0.15103 dB
Location: -0.5, -4.5, 363.7 mm

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

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

Cursor:

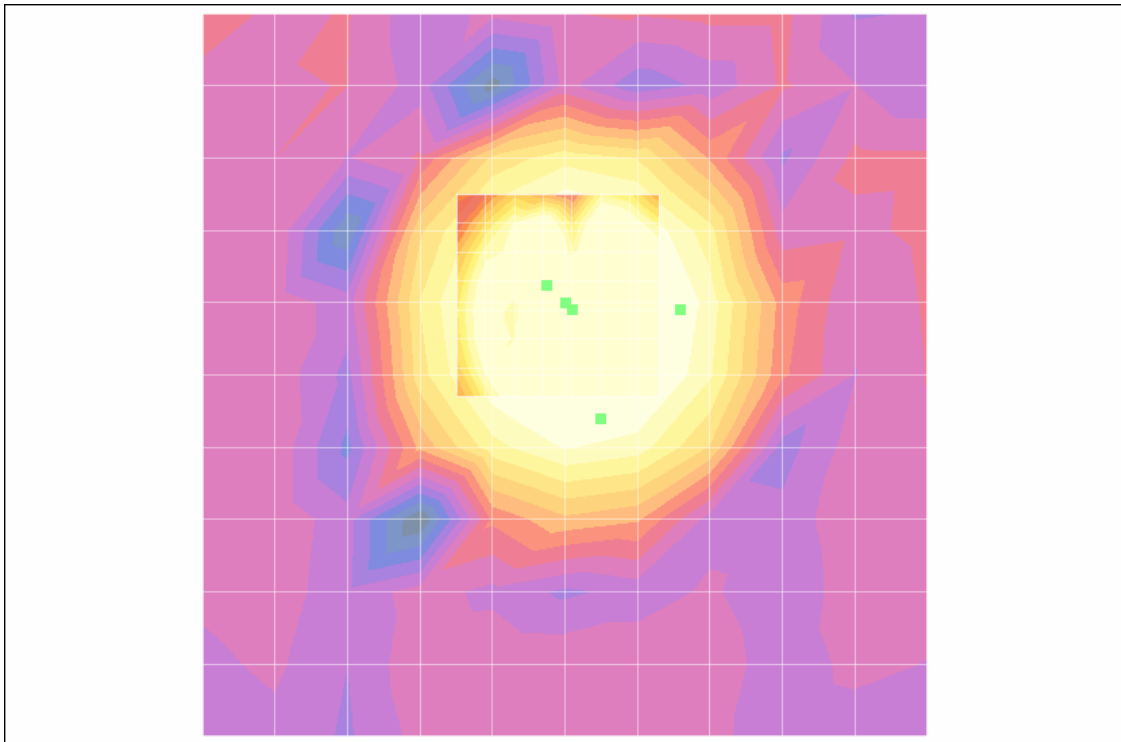
ABM1 comp = 8.96 dB A/m
BWC Factor = 0.15103 dB
Location: -0.5, -4.5, 363.7 mm

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

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

Cursor:

ABM1 comp = 7.29 dB A/m
BWC Factor = 0.151969 dB
Location: 0, -5, 363.7 mm



0 dB = 1.00A/m

Report No.:	HCTA1104FT02	FCC ID:	JYCP2030	Date of Issue:	Mar. 11,2011
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WCDMA850 4233CH

Test Laboratory: HCT
 File Name: [009_WCDMA850_4233ch.da4](#)

DUT: P2030; 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: DAE3 Sn446; Calibrated: 2010-09-21
- Phantom: HAC Test Arch with Coil; Type: SD HAC P01 BA
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

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

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

Cursor:

ABM2 = -48.0 dB A/m
 Location: -7, -4.5, 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 = 1.75 dB A/m
 BWC Factor = 0.151969 dB
 Location: -7, -4.5, 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 = 1.75 dB A/m
 BWC Factor = 0.151969 dB
 Location: -7, -4.5, 363.7 mm

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

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

Cursor:

ABM2 = -50.8 dB A/m
 Location: 1.5, -12, 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 = 51.1 dB
 ABM1 comp = 0.296 dB A/m
 BWC Factor = 0.151969 dB
 Location: 1.5, -12, 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 = 0.296 dB A/m
 BWC Factor = 0.151969 dB
 Location: 1.5, -12, 363.7 mm

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

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

Cursor:

ABM1 comp = 6.87 dB A/m
 BWC Factor = 0.151969 dB
 Location: -0.5, -4.5, 363.7 mm

Report No.:	HCTA1104FT02	FCC ID:	JYCP2030	Date of Issue:	Mar. 11,2011
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Point measurement/z (axial) 300–3k response at max/ABM Freq Resp(x,y,z,f) (1x1x1):

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

Cursor:

Diff = 2.00 dB
BWC Factor = 10.8 dB
Location: 1.2, -6.2, 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: -0.5, -4.5, 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 = 51.0 dB
ABM1 comp = 8.71 dB A/m
BWC Factor = 0.151969 dB
Location: -0.5, -4.5, 363.7 mm

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

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

Cursor:

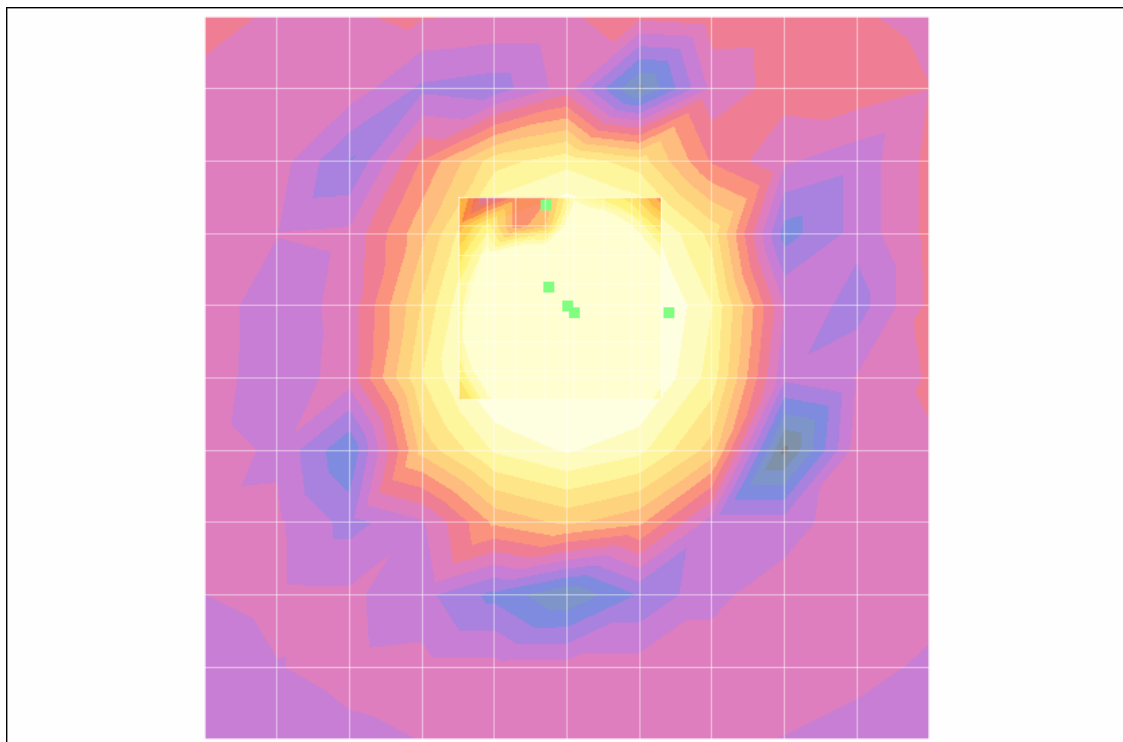
ABM1 comp = 8.71 dB A/m
BWC Factor = 0.151969 dB
Location: -0.5, -4.5, 363.7 mm

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

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

Cursor:

ABM1 comp = 6.69 dB A/m
BWC Factor = 0.151969 dB
Location: 0, -5, 363.7 mm



0 dB = 1.00A/m

Report No.:	HCTA1104FT02	FCC ID:	JYCP2030	Date of Issue:	Mar. 11,2011
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WCDMA1900 9262CH

Test Laboratory: HCT
 File Name: [010_WCDMA1900_9262ch.da4](#)

DUT: P2030; 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: DAE3 Sn446; Calibrated: 2010-09-21
 - Phantom: HAC Test Arch with Coil; Type: SD HAC P01 BA
 - Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

Point measurement/x (longitudinal) at max x/ABM Noise(x,y,z) (1x1x1):
 Measurement grid: dx=10mm, dy=10mm
Cursor:
 ABM2 = -53.5 dB A/m
 Location: -10, -4.5, 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 = 54.3 dB
 ABM1 comp = 0.794 dB A/m
 BWC Factor = 0.151969 dB
 Location: -10, -4.5, 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 = 0.794 dB A/m
 BWC Factor = 0.151969 dB
 Location: -10, -4.5, 363.7 mm

Point measurement/y (transversal) at max y/ABM Noise(x,y,z) (1x1x1):
 Measurement grid: dx=10mm, dy=10mm
Cursor:
 ABM2 = -51.3 dB A/m
 Location: -0.5, -12, 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 = 51.1 dB
 ABM1 comp = -0.260 dB A/m
 BWC Factor = 0.151969 dB
 Location: -0.5, -12, 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 = -0.260 dB A/m
 BWC Factor = 0.151969 dB
 Location: -0.5, -12, 363.7 mm

Scans/z (axial) 15 x 15/ABM Signal(x,y,z) (8x8x1):
 Measurement grid: dx=10mm, dy=10mm
Cursor:
 ABM1 comp = 7.32 dB A/m
 BWC Factor = 0.151969 dB
 Location: -0.5, -4.5, 363.7 mm

Report No.:	HCTA1104FT02	FCC ID:	JYCP2030	Date of Issue:	Mar. 11,2011
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Point measurement/z (axial) 300-3k response at max/ABM Freq Resp(x,y,z,f) (1x1x1):

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

Cursor:

Diff = 2.00 dB

BWC Factor = 10.8 dB

Location: 1.2, -6.2, 365 mm

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

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

Cursor:

ABM2 = -44.4 dB A/m

Location: -0.5, -4.5, 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 = 8.84 dB A/m

BWC Factor = 0.151969 dB

Location: -0.5, -4.5, 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 = 8.84 dB A/m

BWC Factor = 0.151969 dB

Location: -0.5, -4.5, 363.7 mm

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

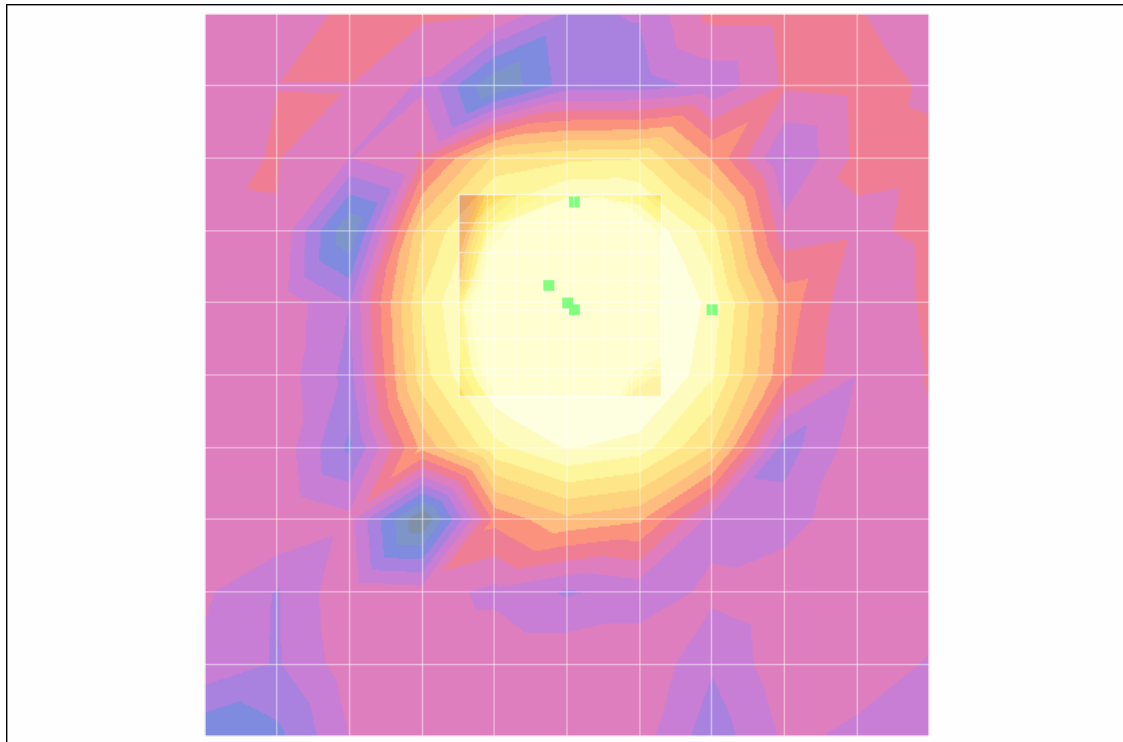
Measurement grid: dx=10mm, dy=10mm

Cursor:

ABM1 comp = 7.10 dB A/m

BWC Factor = 0.151969 dB

Location: 0, -5, 363.7 mm



0 dB = 1.00A/m

Report No.:	HCTA1104FT02	FCC ID:	JYCP2030	Date of Issue:	Mar. 11,2011
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WCDMA1900 9400CH

Test Laboratory: HCT
 File Name: [011_WCDMA1900_9400ch.da4](#)

DUT: P2030; 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: DAE3 Sn446; Calibrated: 2010-09-21
- Phantom: HAC Test Arch with Coil; Type: SD HAC P01 BA
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

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

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

Cursor:

ABM2 = -49.7 dB A/m
 Location: -8, -4.5, 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 = 49.5 dB
 ABM1 comp = -0.221 dB A/m
 BWC Factor = 0.151969 dB
 Location: -8, -4.5, 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 = -0.221 dB A/m
 BWC Factor = 0.151969 dB
 Location: -8, -4.5, 363.7 mm

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

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

Cursor:

ABM2 = -49.6 dB A/m
 Location: -0.5, 3, 363.7 mm

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

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

Cursor:

ABM1/ABM2 = 49.6 dB
 ABM1 comp = 0.008 dB A/m
 BWC Factor = 0.151969 dB
 Location: -0.5, 3, 363.7 mm

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

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

Cursor:

ABM1 comp = 0.008 dB A/m
 BWC Factor = 0.151969 dB
 Location: -0.5, 3, 363.7 mm

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

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

Cursor:

ABM1 comp = 7.40 dB A/m
 BWC Factor = 0.151969 dB
 Location: -0.5, -4.5, 363.7 mm

Report No.:	HCTA1104FT02	FCC ID:	JYCP2030	Date of Issue:	Mar. 11,2011
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Point measurement/z (axial) 300–3k response at max/ABM Freq Resp(x,y,z,f) (1x1x1):

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

Cursor:

Diff = 2.00 dB
 BWC Factor = 10.8 dB
 Location: 1.2, -6.2, 365 mm

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

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

Cursor:

ABM2 = -44.5 dB A/m
 Location: -0.5, -4.5, 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 = 53.5 dB
 ABM1 comp = 8.96 dB A/m
 BWC Factor = 0.151969 dB
 Location: -0.5, -4.5, 363.7 mm

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

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

Cursor:

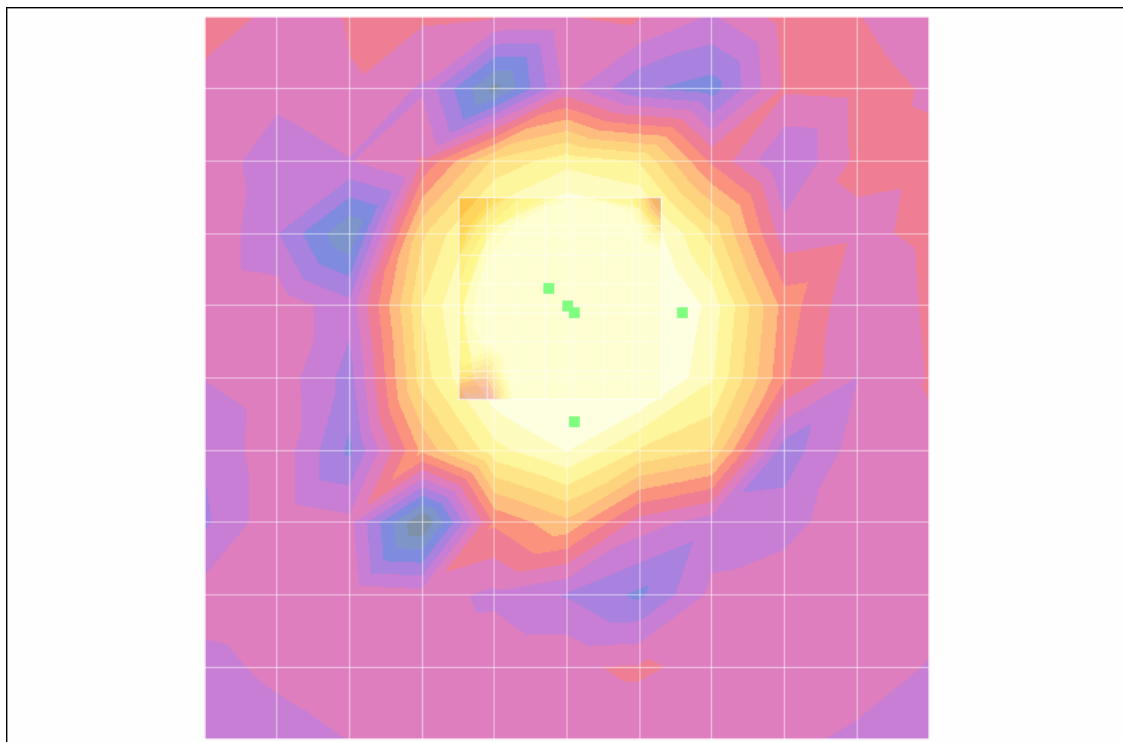
ABM1 comp = 8.96 dB A/m
 BWC Factor = 0.151969 dB
 Location: -0.5, -4.5, 363.7 mm

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

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

Cursor:

ABM1 comp = 7.21 dB A/m
 BWC Factor = 0.151969 dB
 Location: 0, -5, 363.7 mm



0 dB = 1.00A/m

Report No.:	HCTA1104FT02	FCC ID:	JYCP2030	Date of Issue:	Mar. 11,2011
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WCDMA1900 9538CH

Test Laboratory: HCT
 File Name: [012_WCDMA1900_9538ch.da4](#)

DUT: P2030; 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: DAE3 Sn446; Calibrated: 2010-09-21
- Phantom: HAC Test Arch with Coil; Type: SD HAC P01 BA
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

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

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

Cursor:

ABM2 = -52.4 dB A/m
 Location: -8, -4.5, 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 = 1.24 dB A/m
 BWC Factor = 0.151969 dB
 Location: -8, -4.5, 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 = 1.24 dB A/m
 BWC Factor = 0.151969 dB
 Location: -8, -4.5, 363.7 mm

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

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

Cursor:

ABM2 = -51.3 dB A/m
 Location: 1.5, -12, 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 = 50.8 dB
 ABM1 comp = -0.521 dB A/m
 BWC Factor = 0.151969 dB
 Location: 1.5, -12, 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 = -0.521 dB A/m
 BWC Factor = 0.151969 dB
 Location: 1.5, -12, 363.7 mm

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

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

Cursor:

ABM1 comp = 7.34 dB A/m
 BWC Factor = 0.151969 dB
 Location: -0.5, -4.5, 363.7 mm

Report No.:	HCTA1104FT02	FCC ID:	JYCP2030	Date of Issue:	Mar. 11,2011
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Point measurement/z (axial) 300-3k response at max/ABM Freq Resp(x,y,z,f) (1x1x1):

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

Cursor:

Diff = 2.00 dB

BWC Factor = 10.8 dB

Location: 1.2, -6.2, 365 mm

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

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

Cursor:

ABM2 = -43.8 dB A/m

Location: -0.5, -4.5, 363.7 mm

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

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

Cursor:

ABM1/ABM2 = 52.7 dB

ABM1 comp = 8.88 dB A/m

BWC Factor = 0.151969 dB

Location: -0.5, -4.5, 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: -0.5, -4.5, 363.7 mm

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

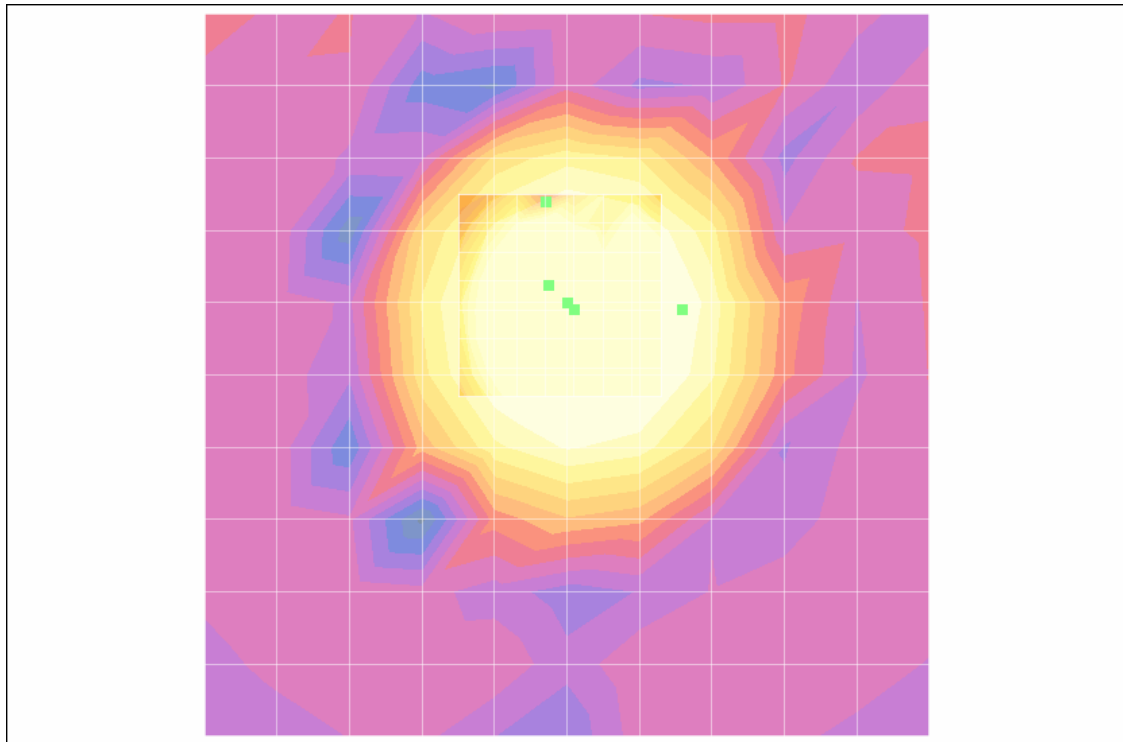
Measurement grid: dx=10mm, dy=10mm

Cursor:

ABM1 comp = 6.99 dB A/m

BWC Factor = 0.151969 dB

Location: 0, -5, 363.7 mm



0 dB = 1.00A/m