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Appendix D

Contour Plots

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| Report No.: | HCTA1207FT02 | FCC ID: | JYCPREMI/AV | Date of Issue: | Jul. 22, 2012 |
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CDMA835 (1013CH)

DUT: ADR930L; Type: Bar; Serial: #1

Communication System: CDMA 835MHz FCC; Frequency: 824.7 MHz; Duty Cycle: 1:1
 Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³
 Phantom section: AMB with Coil Section
 Measurement Standard: DAS4 (High Precision Assessment)

DASY4 Configuration:

- Probe: AM1DV2 - 1013; ; Calibrated: 2006-04-18
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn446; Calibrated: 2011-09-27
- Phantom: HAC Test Arch with Coil; Type: SD HAC P01 BA; Serial: 1018
- Measurement SW: DAS4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

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

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

Cursor:

ABM2 = -45.3 dB A/m

Location: -9, -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 = 45.5 dB

ABM1 comp = 0.206 dB A/m

BWC Factor = 0.15103 dB

Location: -9, -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 = 0.206 dB A/m

BWC Factor = 0.15103 dB

Location: -9, -0.5, 363.7 mm

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

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

Cursor:

ABM2 = -50.0 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 = 48.4 dB

ABM1 comp = -1.61 dB A/m

BWC Factor = 0.15103 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 = -1.61 dB A/m

BWC Factor = 0.15103 dB

Location: 0.5, -5, 363.7 mm

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

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

Cursor:

ABM1 comp = 9.59 dB A/m

BWC Factor = 0.15103 dB

Location: 2.5, 3.5, 363.7 mm

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 = 1.86 dB

BWC Factor = 10.8 dB

Location: 4.2, 1.8, 365 mm

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

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

Cursor:

ABM2 = -39.2 dB A/m

Location: 2.5, 3.5, 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 = 48.5 dB

ABM1 comp = 9.35 dB A/m

BWC Factor = 0.15103 dB

Location: 2.5, 3.5, 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 = 9.35 dB A/m

BWC Factor = 0.15103 dB

Location: 2.5, 3.5, 363.7 mm

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

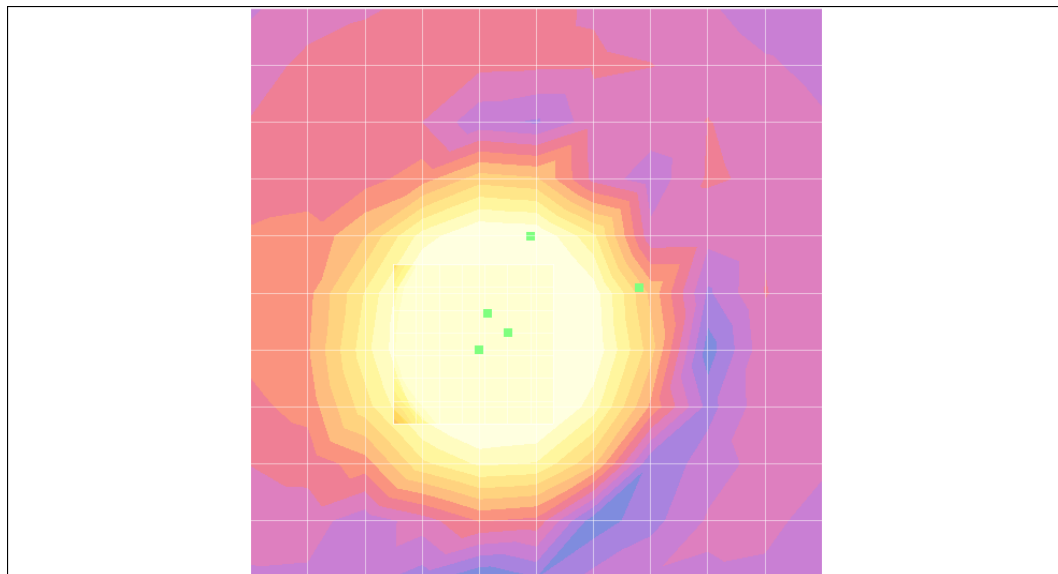
Measurement grid: dx=10mm, dy=10mm

Cursor:

ABM1 comp = 9.13 dB A/m

BWC Factor = 0.15103 dB

Location: 5, 5, 363.7 mm



0 dB = 1.00A/m

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CDMA835 (384CH)

DUT: ADR930L; Type: Bar; Serial: #1

Communication System: CDMA 835MHz FCC; Frequency: 836.52 MHz; Duty Cycle: 1:1
Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³
Phantom section: AMB with Coil Section
Measurement Standard: DAS4 (High Precision Assessment)

DASY4 Configuration:

- Probe: AM1DV2 - 1013; ; Calibrated: 2006-04-18
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn446; Calibrated: 2011-09-27
- Phantom: HAC Test Arch with Coil; Type: SD HAC P01 BA; Serial: 1018
- Measurement SW: DAS4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

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

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

Cursor:

ABM2 = -45.6 dB A/m

Location: -9, -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 = 44.5 dB

ABM1 comp = -1.08 dB A/m

BWC Factor = 0.15103 dB

Location: -9, -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 = -1.08 dB A/m

BWC Factor = 0.15103 dB

Location: -9, -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 = -51.3 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 = 48.7 dB

ABM1 comp = -2.57 dB A/m

BWC Factor = 0.15103 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 = -2.57 dB A/m

BWC Factor = 0.15103 dB

Location: -0.5, -5, 363.7 mm

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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 = 0.15103 dB

Location: 4.5, 3.5, 363.7 mm

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

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

Cursor:

Diff = 1.31 dB

BWC Factor = 10.8 dB

Location: 2.2, 3.8, 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, 5.5, 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 = 7.43 dB A/m

BWC Factor = 0.15103 dB

Location: 0.5, 5.5, 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 = 7.43 dB A/m

BWC Factor = 0.15103 dB

Location: 0.5, 5.5, 363.7 mm

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

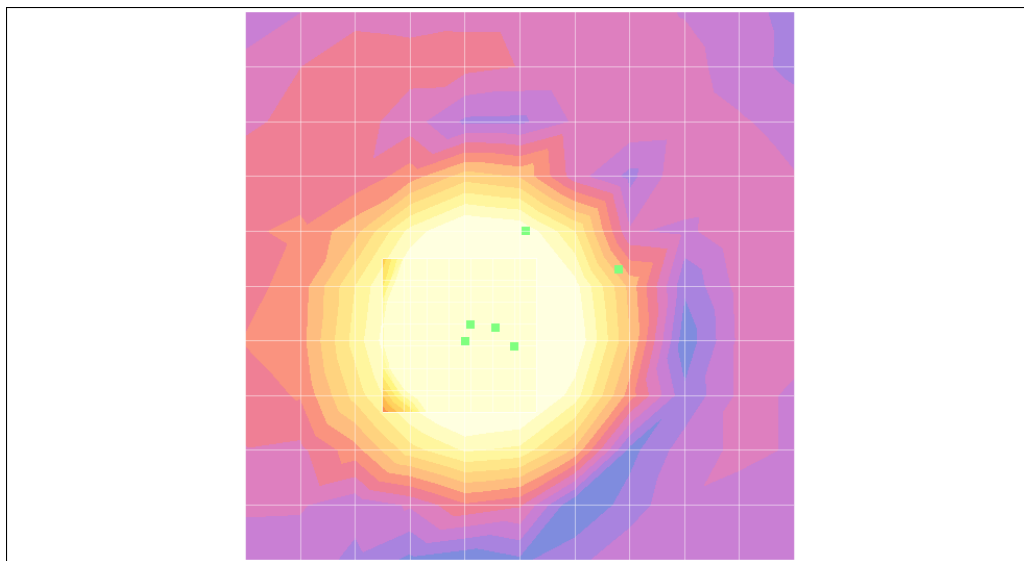
Measurement grid: dx=10mm, dy=10mm

Cursor:

ABM1 comp = 8.61 dB A/m

BWC Factor = 0.15103 dB

Location: 5, 5, 363.7 mm



0 dB = 1.00A/m

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CDMA835 (777CH)

DUT: ADR930L; Type: Bar; Serial: #1

Communication System: CDMA 835MHz FCC; Frequency: 848.31 MHz; Duty Cycle: 1:1
Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³
Phantom section: AMB with Coil Section
Measurement Standard: DAS4 (High Precision Assessment)

DASY4 Configuration:

- Probe: AM1DV2 - 1013; ; Calibrated: 2006-04-18
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn446; Calibrated: 2011-09-27
- Phantom: HAC Test Arch with Coil; Type: SD HAC P01 BA; Serial: 1018
- Measurement SW: DAS4, 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 = -43.7 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 = 44.9 dB

ABM1 comp = 1.20 dB A/m

BWC Factor = 0.15103 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 = 1.20 dB A/m

BWC Factor = 0.15103 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 = -52.2 dB A/m

Location: -1.5, -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 = 49.2 dB

ABM1 comp = -2.94 dB A/m

BWC Factor = 0.15103 dB

Location: -1.5, -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 = -2.94 dB A/m

BWC Factor = 0.15103 dB

Location: -1.5, -3, 363.7 mm

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

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

Cursor:

ABM1 comp = 10.1 dB A/m

BWC Factor = 0.151969 dB

Location: 4.5, 3.5, 363.7 mm

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 = 1.26 dB

BWC Factor = 10.8 dB

Location: 6.2, 1.8, 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: 4.5, 3.5, 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 = 48.5 dB

ABM1 comp = 9.65 dB A/m

BWC Factor = 0.15103 dB

Location: 4.5, 3.5, 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 = 9.65 dB A/m

BWC Factor = 0.15103 dB

Location: 4.5, 3.5, 363.7 mm

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

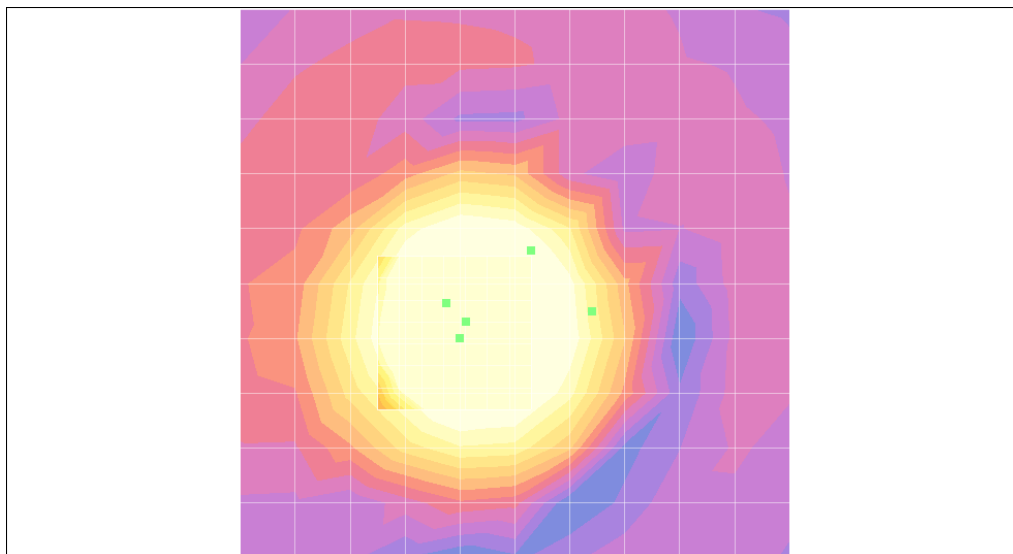
Measurement grid: dx=10mm, dy=10mm

Cursor:

ABM1 comp = 8.48 dB A/m

BWC Factor = 0.151969 dB

Location: 5, 5, 363.7 mm



0 dB = 1.00A/m

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CDMA835 (384CH)_Extended Battery

DUT: ADR930L; Type: Bar; Serial: #1

Communication System: CDMA 835MHz FCC; Frequency: 836.52 MHz; Duty Cycle: 1:1
Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³
Phantom section: AMB with Coil Section
Measurement Standard: DAS4 (High Precision Assessment)

DASY4 Configuration:

- Probe: AM1DV2 - 1013; ; Calibrated: 2006-04-18
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn446; Calibrated: 2011-09-27
- Phantom: HAC Test Arch with Coil; Type: SD HAC P01 BA; Serial: 1018
- Measurement SW: DAS4, 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 = -42.0 dB A/m

Location: -9, 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 = 42.2 dB

ABM1 comp = 0.176 dB A/m

BWC Factor = 0.151969 dB

Location: -9, 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 = 0.176 dB A/m

BWC Factor = 0.151969 dB

Location: -9, 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 = -51.0 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 = 49.3 dB

ABM1 comp = -1.71 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 = -1.71 dB A/m

BWC Factor = 0.151969 dB

Location: 1.5, 10, 363.7 mm

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

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

Cursor:

ABM1 comp = 10.0 dB A/m

BWC Factor = 0.15103 dB

Location: 2.5, 3.5, 363.7 mm

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 = 1.32 dB

BWC Factor = 10.8 dB

Location: 4.2, 1.8, 365 mm

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

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

Cursor:

ABM2 = -39.0 dB A/m

Location: 2.5, 3.5, 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 = 48.6 dB

ABM1 comp = 9.57 dB A/m

BWC Factor = 0.151969 dB

Location: 2.5, 3.5, 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 = 9.57 dB A/m

BWC Factor = 0.151969 dB

Location: 2.5, 3.5, 363.7 mm

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

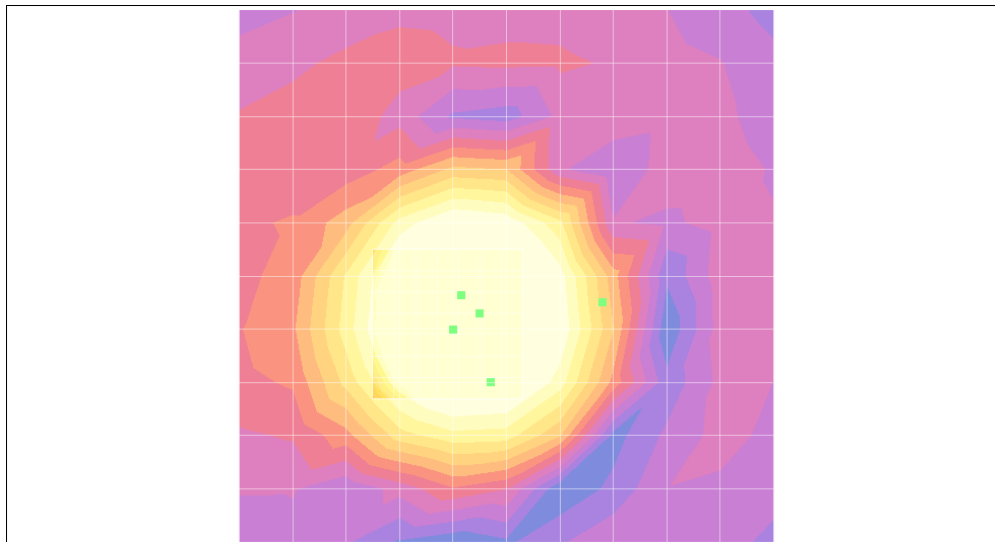
Measurement grid: dx=10mm, dy=10mm

Cursor:

ABM1 comp = 9.00 dB A/m

BWC Factor = 0.15103 dB

Location: 5, 5, 363.7 mm



0 dB = 1.00A/m

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CDMA835 (384CH)_Wireless charger cover

DUT: ADR930L; Type: Bar; Serial: #1

Communication System: CDMA 835MHz FCC; Frequency: 836.52 MHz; Duty Cycle: 1:1
Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³
Phantom section: AMB with Coil Section
Measurement Standard: DAS4 (High Precision Assessment)

DAS4 Configuration:

- Probe: AM1DV2 - 1013; ; Calibrated: 2006-04-18
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn446; Calibrated: 2011-09-27
- Phantom: HAC Test Arch with Coil; Type: SD HAC P01 BA; Serial: 1018
- Measurement SW: DAS4, 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 = -46.5 dB A/m

Location: -11, 3.5, 363.7 mm

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

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

Cursor:

ABM1/ABM2 = 44.9 dB

ABM1 comp = -1.66 dB A/m

BWC Factor = 0.151969 dB

Location: -11, 3.5, 363.7 mm

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

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

Cursor:

ABM1 comp = -1.66 dB A/m

BWC Factor = 0.151969 dB

Location: -11, 3.5, 363.7 mm

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

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

Cursor:

ABM2 = -51.3 dB A/m

Location: -1.5, -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 = 47.9 dB

ABM1 comp = -3.41 dB A/m

BWC Factor = 0.151969 dB

Location: -1.5, -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 = -3.41 dB A/m

BWC Factor = 0.151969 dB

Location: -1.5, -5, 363.7 mm

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

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

Cursor:

ABM1 comp = 9.86 dB A/m
 BWC Factor = 0.151969 dB
 Location: 2.5, 3.5, 363.7 mm

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 = 1.37 dB
 BWC Factor = 10.8 dB
 Location: 6.2, 3.8, 365 mm

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

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

Cursor:

ABM2 = -33.6 dB A/m
 Location: 4.5, 5.5, 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 = 42.4 dB
 ABM1 comp = 8.81 dB A/m
 BWC Factor = 0.151969 dB
 Location: 4.5, 5.5, 363.7 mm

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

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

Cursor:

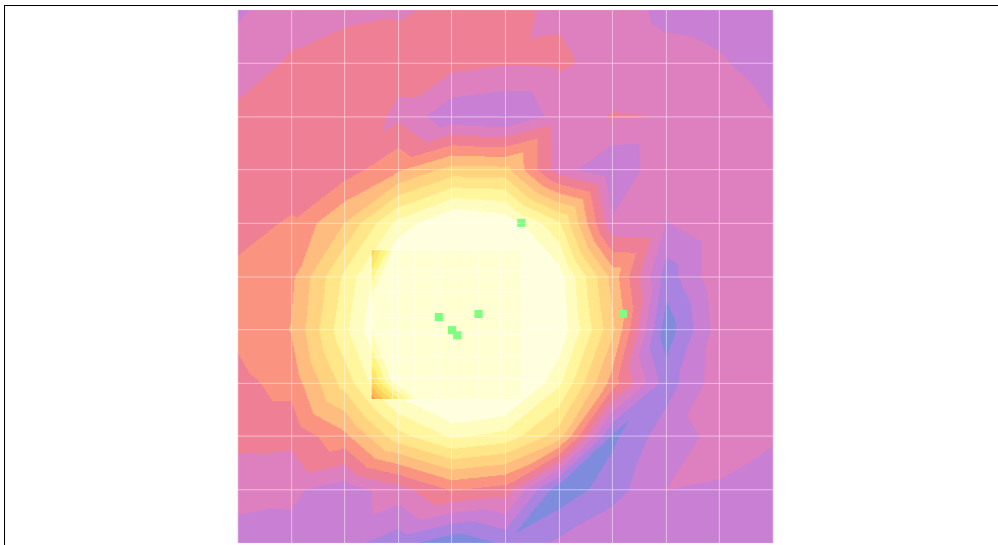
ABM1 comp = 8.81 dB A/m
 BWC Factor = 0.151969 dB
 Location: 4.5, 5.5, 363.7 mm

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

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

Cursor:

ABM1 comp = 9.46 dB A/m
 BWC Factor = 0.151969 dB
 Location: 5, 5, 363.7 mm



0 dB = 1.00A/m

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PCS1900 (25CH)

DUT: ADR930L; Type: Bar; Serial: #1

Communication System: PCS 1900MHz FCC; Frequency: 1851.25 MHz; Duty Cycle: 1:1
Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³
Phantom section: AMB with Coil Section
Measurement Standard: DAS4 (High Precision Assessment)

DASY4 Configuration:

- Probe: AM1DV2 - 1013; ; Calibrated: 2006-04-18
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn446; Calibrated: 2011-09-27
- Phantom: HAC Test Arch with Coil; Type: SD HAC P01 BA; Serial: 1018
- Measurement SW: DAS4, 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: -9, 3.5, 363.7 mm

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

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

Cursor:

ABM1/ABM2 = 39.2 dB

ABM1 comp = -2.54 dB A/m

BWC Factor = 0.151969 dB

Location: -9, 3.5, 363.7 mm

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

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

Cursor:

ABM1 comp = -2.54 dB A/m

BWC Factor = 0.151969 dB

Location: -9, 3.5, 363.7 mm

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

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

Cursor:

ABM2 = -44.5 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 = 40.4 dB

ABM1 comp = -4.16 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 = -4.16 dB A/m

BWC Factor = 0.151969 dB

Location: -0.5, -5, 363.7 mm

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

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

Cursor:

ABM1 comp = 6.67 dB A/m
 BWC Factor = 0.151969 dB
 Location: 2.5, 5.5, 363.7 mm

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 = 1.64 dB
 BWC Factor = 10.8 dB
 Location: 4.2, -2.2, 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: 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 = 39.5 dB
 ABM1 comp = 1.43 dB A/m
 BWC Factor = 0.151969 dB
 Location: 2.5, -0.5, 363.7 mm

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

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

Cursor:

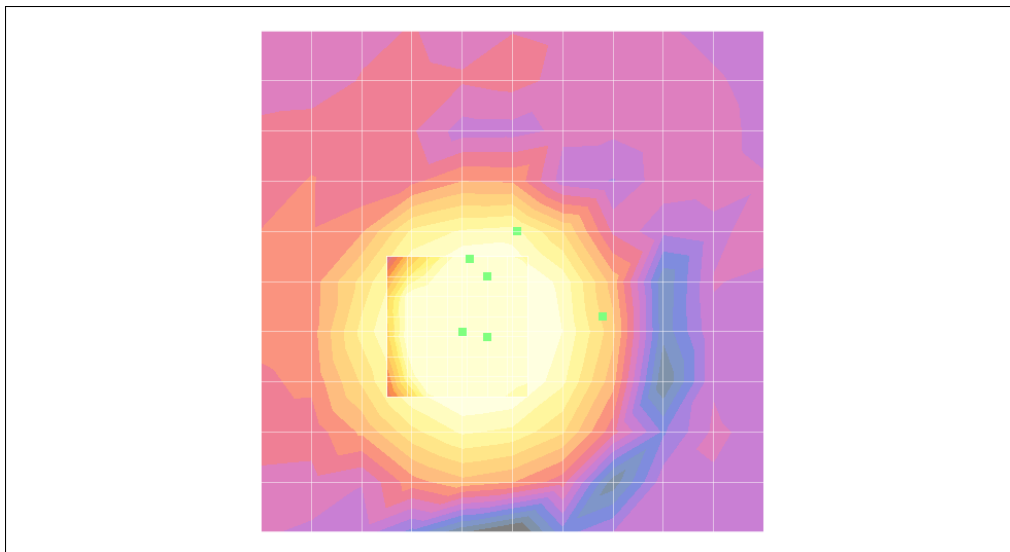
ABM1 comp = 1.43 dB A/m
 BWC Factor = 0.151969 dB
 Location: 2.5, -0.5, 363.7 mm

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

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

Cursor:

ABM1 comp = 6.15 dB A/m
 BWC Factor = 0.151969 dB
 Location: 5, 5, 363.7 mm



0 dB = 1.00A/m

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PCS1900 (600CH)

DUT: ADR930L; Type: Bar; Serial: #1

Communication System: PCS 1900MHz FCC; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³
Phantom section: AMB with Coil Section
Measurement Standard: DAS4 (High Precision Assessment)

DAS4 Configuration:

- Probe: AM1DV2 - 1013; ; Calibrated: 2006-04-18
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn446; Calibrated: 2011-09-27
- Phantom: HAC Test Arch with Coil; Type: SD HAC P01 BA; Serial: 1018
- Measurement SW: DAS4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 184

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

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

Cursor:

ABM2 = -44.9 dB A/m

Location: -9, 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 = 45.3 dB

ABM1 comp = 0.342 dB A/m

BWC Factor = 0.15103 dB

Location: -9, 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 = 0.342 dB A/m

BWC Factor = 0.15103 dB

Location: -9, 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 = -51.6 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 = 50.1 dB

ABM1 comp = -1.50 dB A/m

BWC Factor = 0.15103 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 = -1.50 dB A/m

BWC Factor = 0.15103 dB

Location: 0.5, -5, 363.7 mm

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

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

Cursor:

ABM1 comp = 9.86 dB A/m

BWC Factor = 0.15103 dB

Location: 4.5, 3.5, 363.7 mm

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 = 1.61 dB

BWC Factor = 10.8 dB

Location: 2.2, 1.8, 365 mm

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

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

Cursor:

ABM2 = -40.0 dB A/m

Location: 0.5, 3.5, 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 = 8.44 dB A/m

BWC Factor = 0.15103 dB

Location: 0.5, 3.5, 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 = 8.44 dB A/m

BWC Factor = 0.15103 dB

Location: 0.5, 3.5, 363.7 mm

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

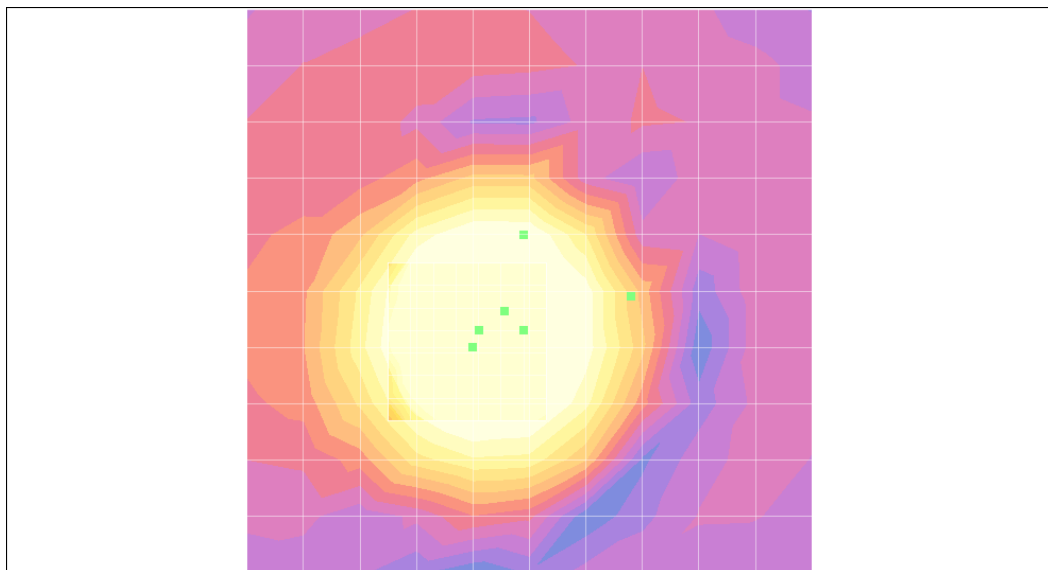
Measurement grid: dx=10mm, dy=10mm

Cursor:

ABM1 comp = 9.29 dB A/m

BWC Factor = 0.15103 dB

Location: 5, 5, 363.7 mm



0 dB = 1.00A/m

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PCS1900 (1175CH)

DUT: ADR930L; Type: Bar; Serial: #1

Communication System: PCS 1900MHz FCC; Frequency: 1908.75 MHz; Duty Cycle: 1:1
Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³
Phantom section: AMB with Coil Section
Measurement Standard: DAS4 (High Precision Assessment)

DASY4 Configuration:

- Probe: AM1DV2 - 1013; ; Calibrated: 2006-04-18
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn446; Calibrated: 2011-09-27
- Phantom: HAC Test Arch with Coil; Type: SD HAC P01 BA; Serial: 1018
- Measurement SW: DAS4, 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 = -41.3 dB A/m

Location: -9, 3.5, 363.7 mm

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

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

Cursor:

ABM1/ABM2 = 39.1 dB

ABM1 comp = -2.28 dB A/m

BWC Factor = 0.15103 dB

Location: -9, 3.5, 363.7 mm

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

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

Cursor:

ABM1 comp = -2.28 dB A/m

BWC Factor = 0.15103 dB

Location: -9, 3.5, 363.7 mm

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

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

Cursor:

ABM2 = -43.9 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 = 40.5 dB

ABM1 comp = -3.39 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 = -3.39 dB A/m

BWC Factor = 0.15103 dB

Location: 1.5, 10, 363.7 mm

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

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

Cursor:

ABM1 comp = 6.49 dB A/m

BWC Factor = 0.15103 dB

Location: 3.5, 5.5, 363.7 mm

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 = 1.84 dB

BWC Factor = 10.8 dB

Location: 1.2, 3.8, 365 mm

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

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

Cursor:

ABM2 = -38.6 dB A/m

Location: -0.5, 5.5, 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 = 42.7 dB

ABM1 comp = 4.01 dB A/m

BWC Factor = 0.15103 dB

Location: -0.5, 5.5, 363.7 mm

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

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

Cursor:

ABM1 comp = 4.01 dB A/m

BWC Factor = 0.15103 dB

Location: -0.5, 5.5, 363.7 mm

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

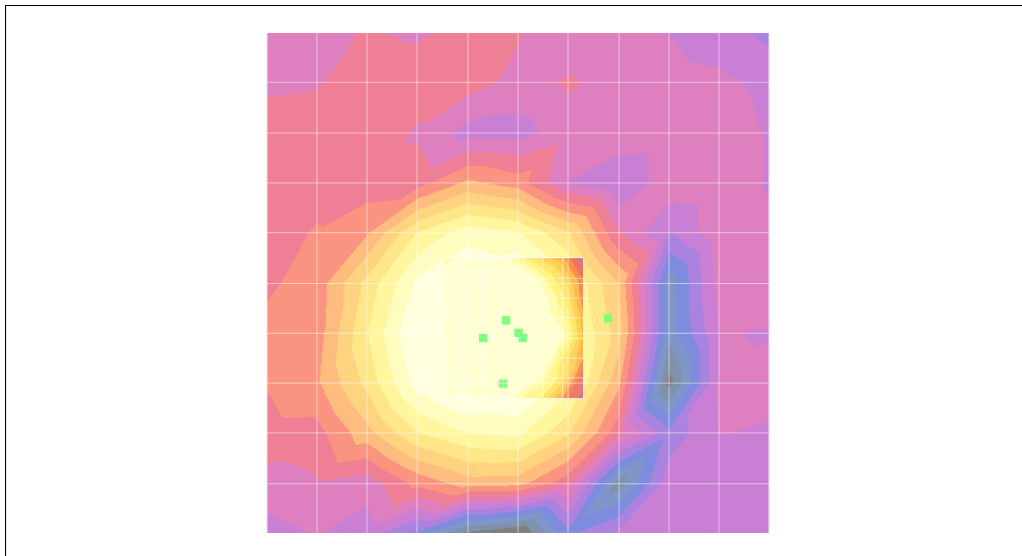
Measurement grid: dx=10mm, dy=10mm

Cursor:

ABM1 comp = 4.65 dB A/m

BWC Factor = 0.15103 dB

Location: 0, 5, 363.7 mm



0 dB = 1.00A/m

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PCS1900 (600CH)_Extended Battery

DUT: ADR930L; Type: Bar; Serial: #1

Communication System: PCS 1900MHz FCC; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³
Phantom section: AMB with Coil Section
Measurement Standard: DAS4 (High Precision Assessment)

DAS4 Configuration:

- Probe: AM1DV2 - 1013; ; Calibrated: 2006-04-18
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn446; Calibrated: 2011-09-27
- Phantom: HAC Test Arch with Coil; Type: SD HAC P01 BA; Serial: 1018
- Measurement SW: DAS4, 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 = -43.6 dB A/m

Location: -9, 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 = 44.1 dB

ABM1 comp = 0.529 dB A/m

BWC Factor = 0.151969 dB

Location: -9, 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 = 0.529 dB A/m

BWC Factor = 0.151969 dB

Location: -9, 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 = -51.4 dB A/m

Location: -1.5, -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 = 48.9 dB

ABM1 comp = -2.50 dB A/m

BWC Factor = 0.151969 dB

Location: -1.5, -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 = -2.50 dB A/m

BWC Factor = 0.151969 dB

Location: -1.5, -5, 363.7 mm

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

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

Cursor:

ABM1 comp = 9.95 dB A/m
 BWC Factor = 0.15103 dB
 Location: 2.5, 5.5, 363.7 mm

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 = 1.89 dB
 BWC Factor = 10.8 dB
 Location: 2.2, 3.8, 365 mm

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

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

Cursor:

ABM2 = -40.6 dB A/m
 Location: 0.5, 5.5, 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 = 48.9 dB
 ABM1 comp = 8.29 dB A/m
 BWC Factor = 0.151969 dB
 Location: 0.5, 5.5, 363.7 mm

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

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

Cursor:

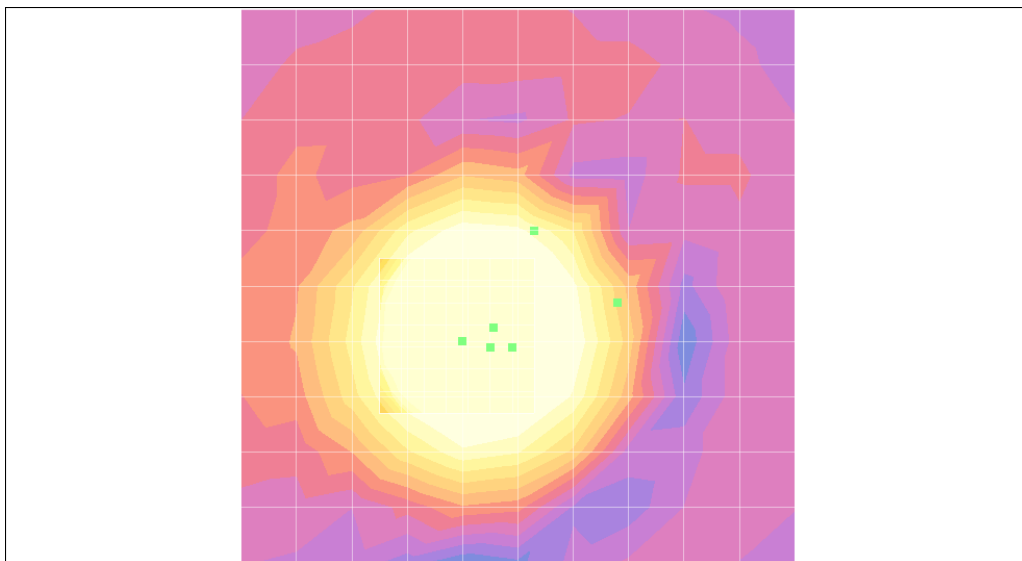
ABM1 comp = 8.29 dB A/m
 BWC Factor = 0.151969 dB
 Location: 0.5, 5.5, 363.7 mm

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

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

Cursor:

ABM1 comp = 9.35 dB A/m
 BWC Factor = 0.15103 dB
 Location: 5, 5, 363.7 mm



0 dB = 1.00A/m

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PCS1900 (600CH)_Wireless charger cover

DUT: ADR930L; Type: Bar; Serial: #1

Communication System: PCS 1900MHz FCC; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³
Phantom section: AMB with Coil Section
Measurement Standard: DAS4 (High Precision Assessment)

DASY4 Configuration:

- Probe: AM1DV2 - 1013; ; Calibrated: 2006-04-18
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn446; Calibrated: 2011-09-27
- Phantom: HAC Test Arch with Coil; Type: SD HAC P01 BA; Serial: 1018
- Measurement SW: DAS4, 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 = -39.1 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 = 39.9 dB

ABM1 comp = 0.739 dB A/m

BWC Factor = 0.151969 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 = 0.739 dB A/m

BWC Factor = 0.151969 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 = -43.3 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 = 39.9 dB

ABM1 comp = -3.42 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 = -3.42 dB A/m

BWC Factor = 0.151969 dB

Location: 1.5, 12, 363.7 mm

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

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

Cursor:

ABM1 comp = 5.96 dB A/m

BWC Factor = 0.151969 dB

Location: 2.5, 3.5, 363.7 mm

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 = 1.84 dB

BWC Factor = 10.8 dB

Location: 2.2, 1.8, 365 mm

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

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

Cursor:

ABM2 = -37.8 dB A/m

Location: 0.5, 3.5, 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 = 42.5 dB

ABM1 comp = 4.67 dB A/m

BWC Factor = 0.151969 dB

Location: 0.5, 3.5, 363.7 mm

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

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

Cursor:

ABM1 comp = 4.67 dB A/m

BWC Factor = 0.151969 dB

Location: 0.5, 3.5, 363.7 mm

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

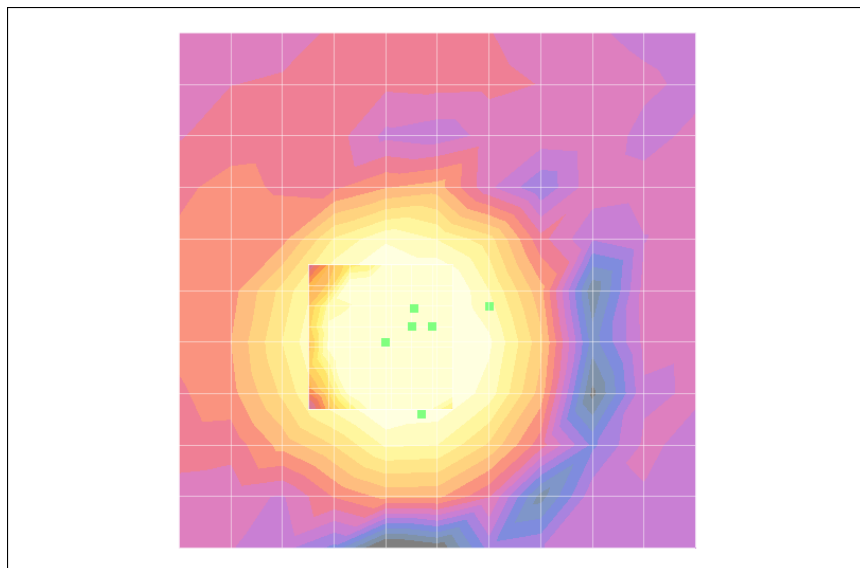
Measurement grid: dx=10mm, dy=10mm

Cursor:

ABM1 comp = 5.70 dB A/m

BWC Factor = 0.151969 dB

Location: 5, 5, 363.7 mm



0 dB = 1.00A/m

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GSM850 (128CH)

DUT: ADR930L; Type: Bar; Serial: #1

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
Measurement Standard: DAS4 (High Precision Assessment)

DAS4 Configuration:

- Probe: AM1DV2 - 1013; ; Calibrated: 2006-04-18
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn446; Calibrated: 2011-09-27
- Phantom: HAC Test Arch with Coil; Type: SD HAC P01 BA; Serial: 1018
- Measurement SW: DAS4, 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 = -26.5 dB A/m

Location: -9, 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 = 26.3 dB

ABM1 comp = -0.273 dB A/m

BWC Factor = 0.151969 dB

Location: -9, 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 = -0.273 dB A/m

BWC Factor = 0.151969 dB

Location: -9, 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 = -34.4 dB A/m

Location: -1.5, -1, 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 = 32.2 dB

ABM1 comp = -2.22 dB A/m

BWC Factor = 0.151969 dB

Location: -1.5, -1, 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 = -2.22 dB A/m

BWC Factor = 0.151969 dB

Location: -1.5, -1, 363.7 mm

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

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

Cursor:

ABM1 comp = 9.90 dB A/m

BWC Factor = 0.151969 dB

Location: 2.5, 3.5, 363.7 mm

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: 8.2, 3.8, 365 mm

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

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

Cursor:

ABM2 = -27.7 dB A/m

Location: 6.5, 5.5, 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 = 8.11 dB A/m

BWC Factor = 0.151969 dB

Location: 6.5, 5.5, 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 = 8.11 dB A/m

BWC Factor = 0.151969 dB

Location: 6.5, 5.5, 363.7 mm

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

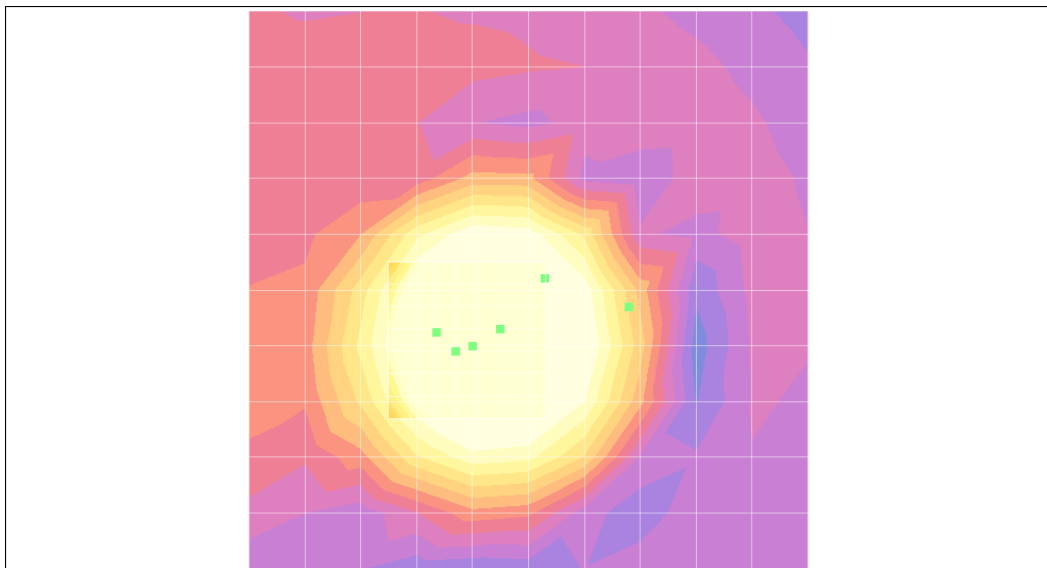
Measurement grid: dx=10mm, dy=10mm

Cursor:

ABM1 comp = 9.47 dB A/m

BWC Factor = 0.151969 dB

Location: 5, 5, 363.7 mm



0 dB = 1.00A/m

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GSM850 (190CH)

DUT: ADR930L; Type: Bar; Serial: #1

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
Measurement Standard: DAS4 (High Precision Assessment)

DASY4 Configuration:

- Probe: AM1DV2 - 1013; ; Calibrated: 2006-04-18
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn446; Calibrated: 2011-09-27
- Phantom: HAC Test Arch with Coil; Type: SD HAC P01 BA; Serial: 1018
- Measurement SW: DAS4, 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 = -25.9 dB A/m

Location: -9, 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 = 25.6 dB

ABM1 comp = -0.303 dB A/m

BWC Factor = 0.151969 dB

Location: -9, 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 = -0.303 dB A/m

BWC Factor = 0.151969 dB

Location: -9, 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 = -33.8 dB A/m

Location: -1.5, -1, 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 = 31.6 dB

ABM1 comp = -2.23 dB A/m

BWC Factor = 0.151969 dB

Location: -1.5, -1, 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 = -2.23 dB A/m

BWC Factor = 0.151969 dB

Location: -1.5, -1, 363.7 mm

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

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

Cursor:

ABM1 comp = 9.83 dB A/m

BWC Factor = 0.151969 dB

Location: 2.5, 3.5, 363.7 mm

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: 8.2, 3.8, 365 mm

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

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

Cursor:

ABM2 = -26.7 dB A/m

Location: 6.5, 5.5, 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 = 34.8 dB

ABM1 comp = 8.09 dB A/m

BWC Factor = 0.151969 dB

Location: 6.5, 5.5, 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 = 8.09 dB A/m

BWC Factor = 0.151969 dB

Location: 6.5, 5.5, 363.7 mm

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

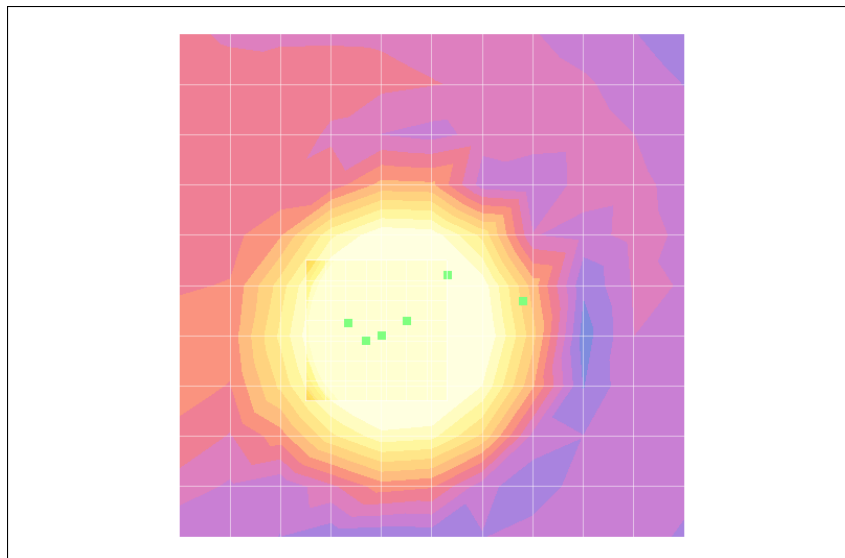
Measurement grid: dx=10mm, dy=10mm

Cursor:

ABM1 comp = 9.42 dB A/m

BWC Factor = 0.151969 dB

Location: 5, 5, 363.7 mm



0 dB = 1.00A/m

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GSM850 (251CH)

DUT: ADR930L; Type: Bar; Serial: #1

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
Measurement Standard: DAS4 (High Precision Assessment)

DASY4 Configuration:

- Probe: AM1DV2 - 1013; ; Calibrated: 2006-04-18
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn446; Calibrated: 2011-09-27
- Phantom: HAC Test Arch with Coil; Type: SD HAC P01 BA; Serial: 1018
- Measurement SW: DAS4, 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 = -25.5 dB A/m

Location: -9, 3.5, 363.7 mm

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

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

Cursor:

ABM1/ABM2 = 25.5 dB

ABM1 comp = 0.028 dB A/m

BWC Factor = 0.15103 dB

Location: -9, 3.5, 363.7 mm

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

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

Cursor:

ABM1 comp = 0.028 dB A/m

BWC Factor = 0.15103 dB

Location: -9, 3.5, 363.7 mm

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

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

Cursor:

ABM2 = -33.7 dB A/m

Location: -1.5, -1, 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 = 31.4 dB

ABM1 comp = -2.27 dB A/m

BWC Factor = 0.15103 dB

Location: -1.5, -1, 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 = -2.27 dB A/m

BWC Factor = 0.15103 dB

Location: -1.5, -1, 363.7 mm

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

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

Cursor:

ABM1 comp = 9.86 dB A/m

BWC Factor = 0.15103 dB

Location: 2.5, 3.5, 363.7 mm

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 = 1.91 dB

BWC Factor = 10.8 dB

Location: 8.2, 3.8, 365 mm

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

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

Cursor:

ABM2 = -27.0 dB A/m

Location: 6.5, 5.5, 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 = 35.1 dB

ABM1 comp = 8.06 dB A/m

BWC Factor = 0.15103 dB

Location: 6.5, 5.5, 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 = 8.06 dB A/m

BWC Factor = 0.15103 dB

Location: 6.5, 5.5, 363.7 mm

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

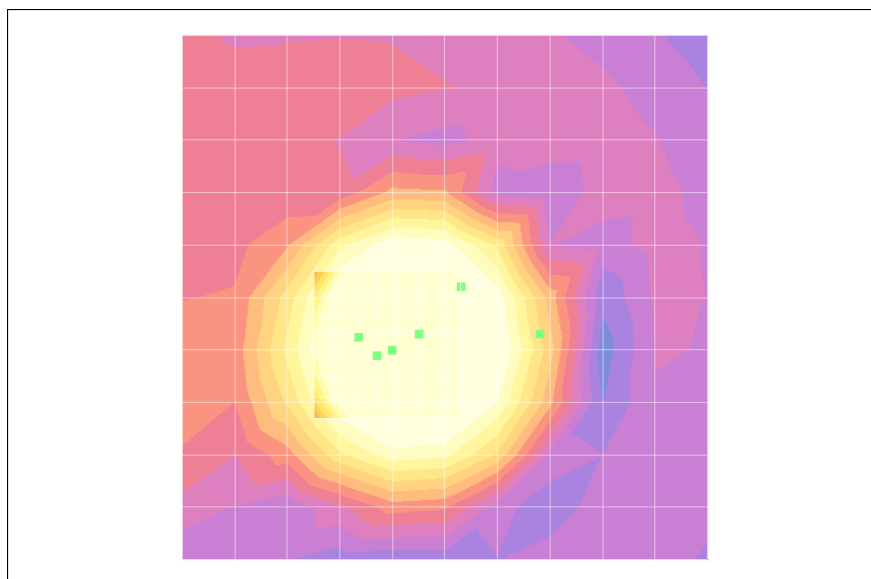
Measurement grid: dx=10mm, dy=10mm

Cursor:

ABM1 comp = 9.40 dB A/m

BWC Factor = 0.15103 dB

Location: 5, 5, 363.7 mm



0 dB = 1.00A/m

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GSM850 (190CH) _Extended Battery

DUT: ADR930L; Type: Bar; Serial: #1

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
Measurement Standard: DAS4 (High Precision Assessment)

DASY4 Configuration:

- Probe: AM1DV2 - 1013; ; Calibrated: 2006-04-18
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn446; Calibrated: 2011-09-27
- Phantom: HAC Test Arch with Coil; Type: SD HAC P01 BA; Serial: 1018
- Measurement SW: DAS4, 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: -11, 3.5, 363.7 mm

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

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

Cursor:

ABM1/ABM2 = 25.7 dB

ABM1 comp = -1.82 dB A/m

BWC Factor = 0.151969 dB

Location: -11, 3.5, 363.7 mm

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

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

Cursor:

ABM1 comp = -1.82 dB A/m

BWC Factor = 0.151969 dB

Location: -11, 3.5, 363.7 mm

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

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

Cursor:

ABM2 = -33.9 dB A/m

Location: -1.5, -1, 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 = 31.8 dB

ABM1 comp = -2.16 dB A/m

BWC Factor = 0.151969 dB

Location: -1.5, -1, 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 = -2.16 dB A/m

BWC Factor = 0.151969 dB

Location: -1.5, -1, 363.7 mm

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

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

Cursor:

ABM1 comp = 9.77 dB A/m

BWC Factor = 0.151969 dB

Location: 2.5, 3.5, 363.7 mm

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 = 1.71 dB

BWC Factor = 10.8 dB

Location: 8.3, 3.8, 365 mm

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

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

Cursor:

ABM2 = -27.1 dB A/m

Location: 6.5, 5.5, 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 = 35.1 dB

ABM1 comp = 8.09 dB A/m

BWC Factor = 0.151969 dB

Location: 6.5, 5.5, 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 = 8.09 dB A/m

BWC Factor = 0.151969 dB

Location: 6.5, 5.5, 363.7 mm

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

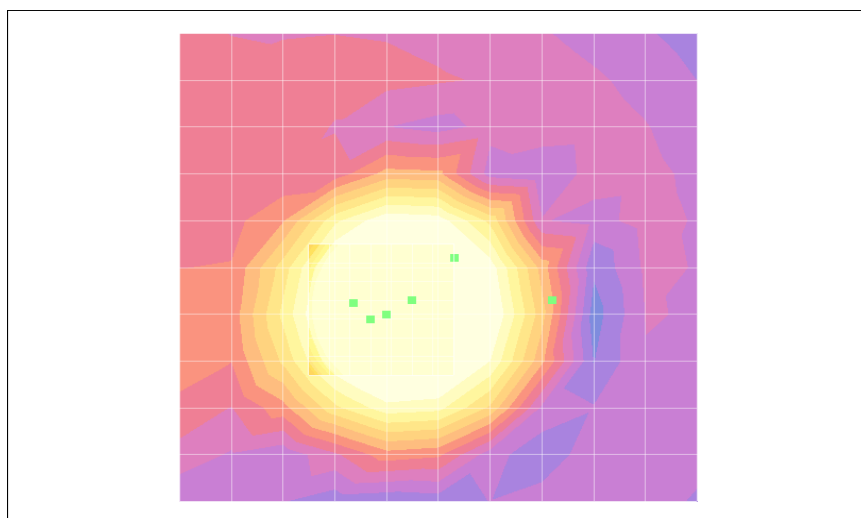
Measurement grid: dx=10mm, dy=10mm

Cursor:

ABM1 comp = 9.45 dB A/m

BWC Factor = 0.151969 dB

Location: 5, 5, 363.7 mm



0 dB = 1.00A/m

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GSM850 (190CH)Wireless charger cover

DUT: ADR930L; Type: Bar; Serial: #1

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
Measurement Standard: DAS4 (High Precision Assessment)

DASY4 Configuration:

- Probe: AM1DV2 - 1013; ; Calibrated: 2006-04-18
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn446; Calibrated: 2011-09-27
- Phantom: HAC Test Arch with Coil; Type: SD HAC P01 BA; Serial: 1018
- Measurement SW: DAS4, 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: -11, 3.5, 363.7 mm

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

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

Cursor:

ABM1/ABM2 = 25.7 dB

ABM1 comp = -1.86 dB A/m

BWC Factor = 0.15103 dB

Location: -11, 3.5, 363.7 mm

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

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

Cursor:

ABM1 comp = -1.86 dB A/m

BWC Factor = 0.15103 dB

Location: -11, 3.5, 363.7 mm

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

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

Cursor:

ABM2 = -34.0 dB A/m

Location: -1.5, -1, 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 = 31.8 dB

ABM1 comp = -2.21 dB A/m

BWC Factor = 0.15103 dB

Location: -1.5, -1, 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 = -2.21 dB A/m

BWC Factor = 0.15103 dB

Location: -1.5, -1, 363.7 mm

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

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

Cursor:

ABM1 comp = 9.91 dB A/m
 BWC Factor = 0.151969 dB
 Location: 2.5, 3.5, 363.7 mm

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 = 1.82 dB
 BWC Factor = 10.8 dB
 Location: 8.2, 3.8, 365 mm

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

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

Cursor:

ABM2 = -27.2 dB A/m
 Location: 6.5, 5.5, 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 = 8.06 dB A/m
 BWC Factor = 0.15103 dB
 Location: 6.5, 5.5, 363.7 mm

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

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

Cursor:

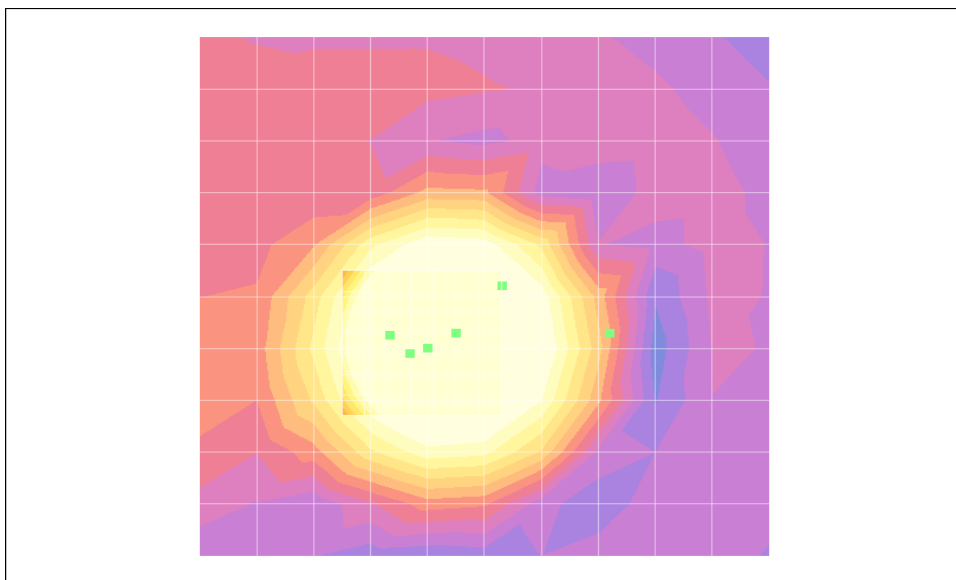
ABM1 comp = 8.06 dB A/m
 BWC Factor = 0.15103 dB
 Location: 6.5, 5.5, 363.7 mm

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

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

Cursor:

ABM1 comp = 9.44 dB A/m
 BWC Factor = 0.151969 dB
 Location: 5, 5, 363.7 mm



0 dB = 1.00A/m

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| Report No.: | HCTA1207FT02 | FCC ID: | JYCPREMAIV | Date of Issue: | Jul. 22, 2012 |
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GSM1900 (512CH)

DUT: ADR930L; Type: Bar; Serial: #1

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
Measurement Standard: DAS4 (High Precision Assessment)

DAS4 Configuration:

- Probe: AM1DV2 - 1013; ; Calibrated: 2006-04-18
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn446; Calibrated: 2011-09-27
- Phantom: HAC Test Arch with Coil; Type: SD HAC P01 BA; Serial: 1018
- Measurement SW: DAS4, 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: -15, -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 = 34.9 dB

ABM1 comp = -6.74 dB A/m

BWC Factor = 0.15103 dB

Location: -15, -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 = -6.74 dB A/m

BWC Factor = 0.15103 dB

Location: -15, -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 = -36.2 dB A/m

Location: -1.5, -1, 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 = 33.9 dB

ABM1 comp = -2.35 dB A/m

BWC Factor = 0.15103 dB

Location: -1.5, -1, 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 = -2.35 dB A/m

BWC Factor = 0.15103 dB

Location: -1.5, -1, 363.7 mm

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

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

Cursor:

ABM1 comp = 10.2 dB A/m
 BWC Factor = 0.151969 dB
 Location: 2.5, 3.5, 363.7 mm

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: 10.2, 3.8, 365 mm

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

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

Cursor:

ABM2 = -34.8 dB A/m
 Location: 8.5, 5.5, 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 = 40.3 dB
 ABM1 comp = 5.42 dB A/m
 BWC Factor = 0.15103 dB
 Location: 8.5, 5.5, 363.7 mm

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

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

Cursor:

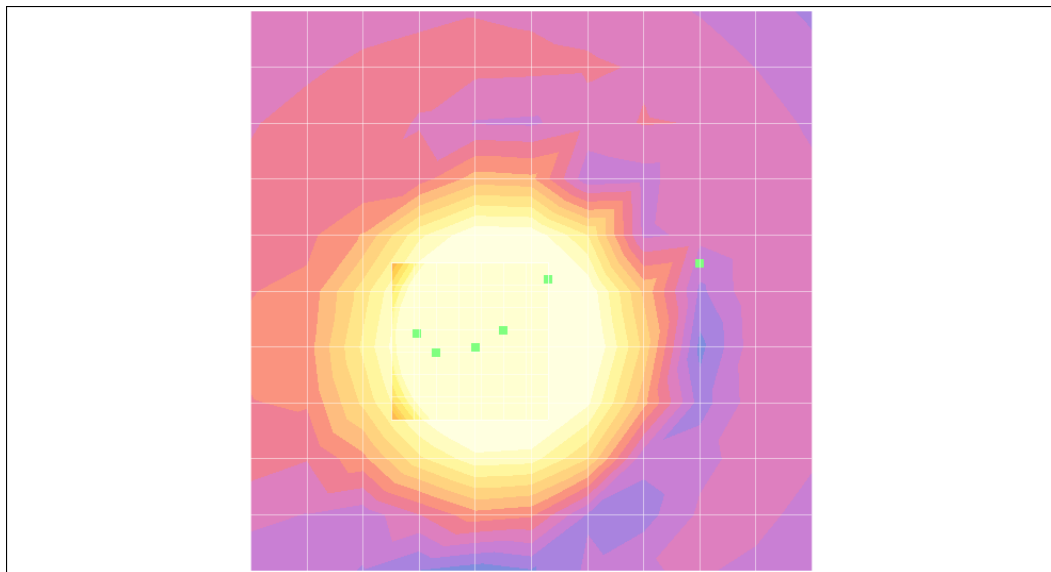
ABM1 comp = 5.42 dB A/m
 BWC Factor = 0.15103 dB
 Location: 8.5, 5.5, 363.7 mm

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

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

Cursor:

ABM1 comp = 9.44 dB A/m
 BWC Factor = 0.151969 dB
 Location: 5, 5, 363.7 mm



0 dB = 1.00A/m

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GSM1900 (661CH)

DUT: ADR930L; Type: Bar; Serial: #1

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
Measurement Standard: DAS4 (High Precision Assessment)

DAS4 Configuration:

- Probe: AM1DV2 - 1013; ; Calibrated: 2006-04-18
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn446; Calibrated: 2011-09-27
- Phantom: HAC Test Arch with Coil; Type: SD HAC P01 BA; Serial: 1018
- Measurement SW: DAS4, 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 = -40.2 dB A/m

Location: -15, -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 = 34.2 dB

ABM1 comp = -6.05 dB A/m

BWC Factor = 0.15103 dB

Location: -15, -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 = -6.05 dB A/m

BWC Factor = 0.15103 dB

Location: -15, -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 = -36.0 dB A/m

Location: -1.5, -1, 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 = 33.6 dB

ABM1 comp = -2.44 dB A/m

BWC Factor = 0.15103 dB

Location: -1.5, -1, 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 = -2.44 dB A/m

BWC Factor = 0.15103 dB

Location: -1.5, -1, 363.7 mm

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

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

Cursor:

ABM1 comp = 10.0 dB A/m
 BWC Factor = 0.151969 dB
 Location: 2.5, 3.5, 363.7 mm

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 = 1.93 dB
 BWC Factor = 10.8 dB
 Location: 10.2, 3.8, 365 mm

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

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

Cursor:

ABM2 = -34.8 dB A/m
 Location: 8.5, 5.5, 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 = 40.2 dB
 ABM1 comp = 5.37 dB A/m
 BWC Factor = 0.15103 dB
 Location: 8.5, 5.5, 363.7 mm

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

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

Cursor:

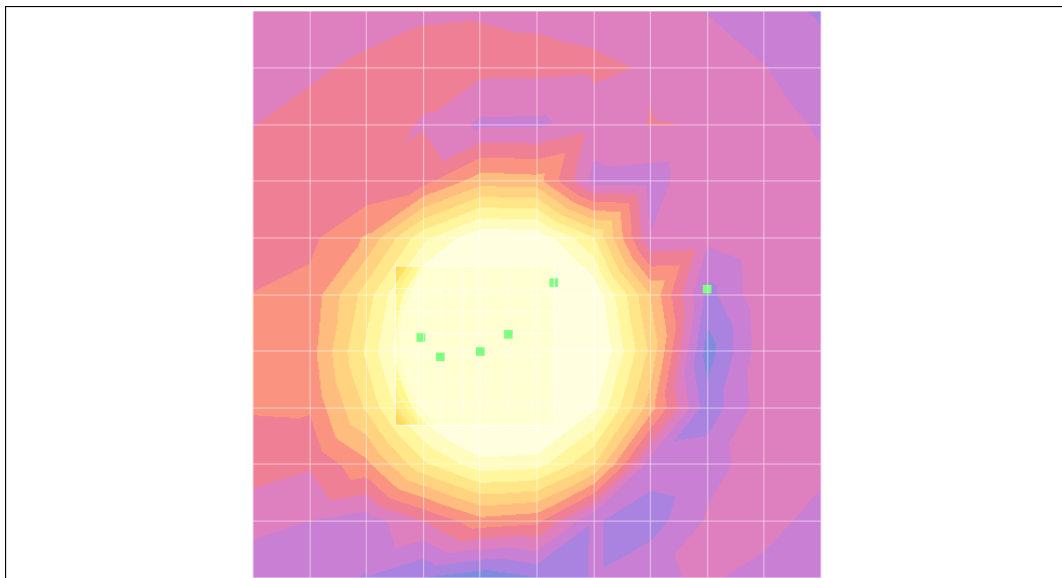
ABM1 comp = 5.37 dB A/m
 BWC Factor = 0.15103 dB
 Location: 8.5, 5.5, 363.7 mm

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

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

Cursor:

ABM1 comp = 9.38 dB A/m
 BWC Factor = 0.151969 dB
 Location: 5, 5, 363.7 mm



0 dB = 1.00A/m

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GSM1900 (810CH)

DUT: ADR930L; Type: Bar; Serial: #1

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
Measurement Standard: DAS4 (High Precision Assessment)

DASY4 Configuration:

- Probe: AM1DV2 - 1013; ; Calibrated: 2006-04-18
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn446; Calibrated: 2011-09-27
- Phantom: HAC Test Arch with Coil; Type: SD HAC P01 BA; Serial: 1018
- Measurement SW: DAS4, 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 = -39.9 dB A/m

Location: -15, -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 = 33.9 dB

ABM1 comp = -6.00 dB A/m

BWC Factor = 0.151969 dB

Location: -15, -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 = -6.00 dB A/m

BWC Factor = 0.151969 dB

Location: -15, -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 = -35.7 dB A/m

Location: -1.5, -1, 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 = 33.3 dB

ABM1 comp = -2.42 dB A/m

BWC Factor = 0.151969 dB

Location: -1.5, -1, 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 = -2.42 dB A/m

BWC Factor = 0.151969 dB

Location: -1.5, -1, 363.7 mm

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

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

Cursor:

ABM1 comp = 10.1 dB A/m
 BWC Factor = 0.151969 dB
 Location: 2.5, 3.5, 363.7 mm

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 = 1.78 dB
 BWC Factor = 10.8 dB
 Location: 10.2, 3.8, 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: 8.5, 5.5, 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 = 39.3 dB
 ABM1 comp = 5.33 dB A/m
 BWC Factor = 0.151969 dB
 Location: 8.5, 5.5, 363.7 mm

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

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

Cursor:

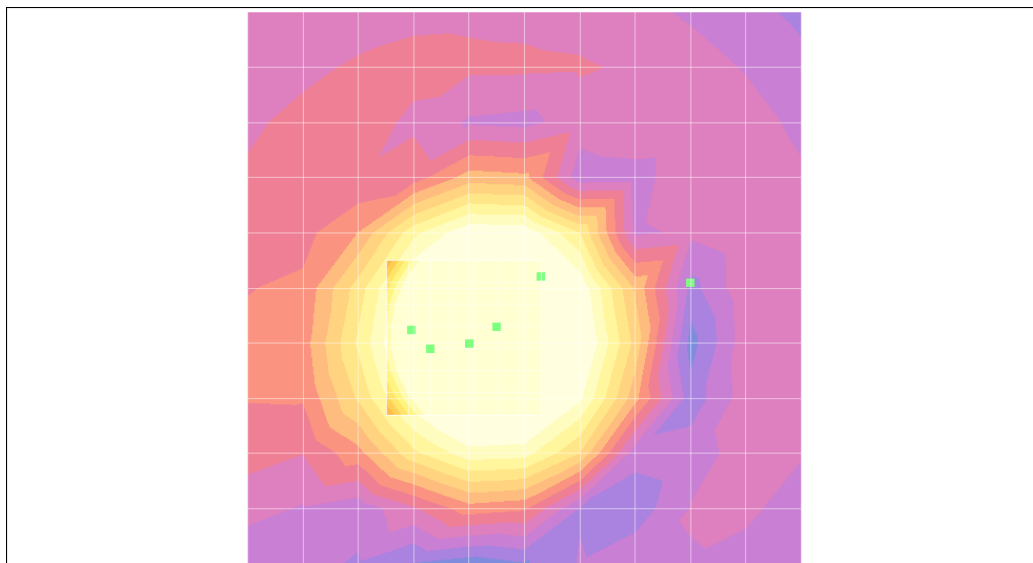
ABM1 comp = 5.33 dB A/m
 BWC Factor = 0.151969 dB
 Location: 8.5, 5.5, 363.7 mm

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

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

Cursor:

ABM1 comp = 9.37 dB A/m
 BWC Factor = 0.151969 dB
 Location: 5, 5, 363.7 mm



0 dB = 1.00A/m

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GSM1900 (661CH)_Extended Battery

DUT: ADR930L; Type: Bar; Serial: #1

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
Measurement Standard: DAS4 (High Precision Assessment)

DAS4 Configuration:

- Probe: AM1DV2 - 1013; ; Calibrated: 2006-04-18
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn446; Calibrated: 2011-09-27
- Phantom: HAC Test Arch with Coil; Type: SD HAC P01 BA; Serial: 1018
- Measurement SW: DAS4, 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 = -40.5 dB A/m

Location: -15, -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 = 34.6 dB

ABM1 comp = -5.96 dB A/m

BWC Factor = 0.15103 dB

Location: -15, -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 = -5.96 dB A/m

BWC Factor = 0.15103 dB

Location: -15, -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 = -35.9 dB A/m

Location: -1.5, -1, 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 = 33.5 dB

ABM1 comp = -2.40 dB A/m

BWC Factor = 0.15103 dB

Location: -1.5, -1, 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 = -2.40 dB A/m

BWC Factor = 0.15103 dB

Location: -1.5, -1, 363.7 mm

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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: 2.5, 3.5, 363.7 mm

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 = 1.86 dB
 BWC Factor = 10.8 dB
 Location: 8.2, 1.8, 365 mm

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

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

Cursor:

ABM2 = -31.1 dB A/m
 Location: 6.5, 3.5, 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 = 39.2 dB
 ABM1 comp = 8.04 dB A/m
 BWC Factor = 0.15103 dB
 Location: 6.5, 3.5, 363.7 mm

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

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

Cursor:

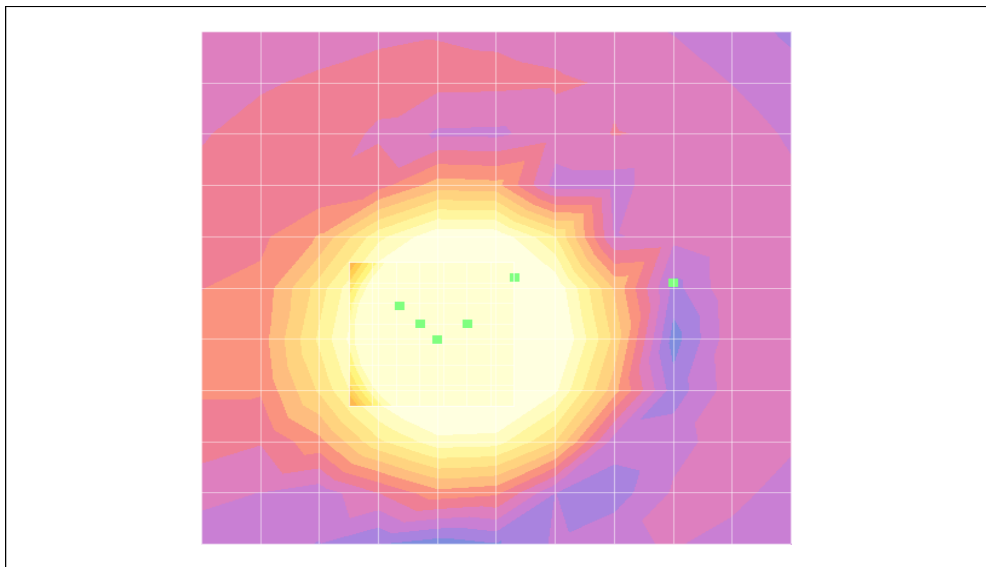
ABM1 comp = 8.04 dB A/m
 BWC Factor = 0.15103 dB
 Location: 6.5, 3.5, 363.7 mm

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

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

Cursor:

ABM1 comp = 9.47 dB A/m
 BWC Factor = 0.151969 dB
 Location: 5, 5, 363.7 mm



0 dB = 1.00A/m

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GSM1900 (661CH)_Wireless charger cover

DUT: ADR930L; Type: Bar; Serial: #1

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
Measurement Standard: DAS4 (High Precision Assessment)

DAS4 Configuration:

- Probe: AM1DV2 - 1013; ; Calibrated: 2006-04-18
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn446; Calibrated: 2011-09-27
- Phantom: HAC Test Arch with Coil; Type: SD HAC P01 BA; Serial: 1018
- Measurement SW: DAS4, 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 = -40.6 dB A/m

Location: -15, -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 = 34.6 dB

ABM1 comp = -5.99 dB A/m

BWC Factor = 0.151969 dB

Location: -15, -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 = -5.99 dB A/m

BWC Factor = 0.151969 dB

Location: -15, -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 = -35.7 dB A/m

Location: -1.5, -1, 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 = 33.4 dB

ABM1 comp = -2.32 dB A/m

BWC Factor = 0.151969 dB

Location: -1.5, -1, 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 = -2.32 dB A/m

BWC Factor = 0.151969 dB

Location: -1.5, -1, 363.7 mm

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

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

Cursor:

ABM1 comp = 10.2 dB A/m
 BWC Factor = 0.151969 dB
 Location: 2.5, 3.5, 363.7 mm

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: 10.2, 3.8, 365 mm

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

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

Cursor:

ABM2 = -34.4 dB A/m
 Location: 8.5, 5.5, 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 = 39.8 dB
 ABM1 comp = 5.37 dB A/m
 BWC Factor = 0.151969 dB
 Location: 8.5, 5.5, 363.7 mm

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

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

Cursor:

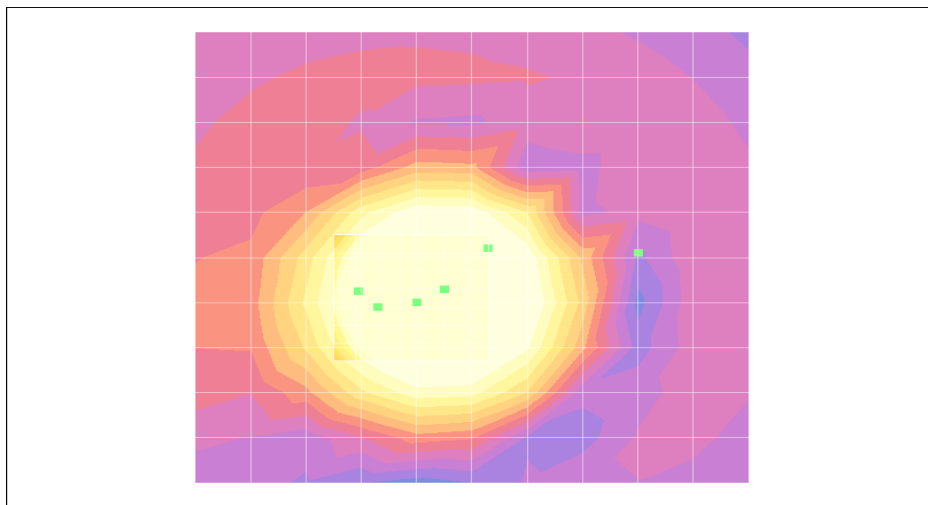
ABM1 comp = 5.37 dB A/m
 BWC Factor = 0.151969 dB
 Location: 8.5, 5.5, 363.7 mm

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

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

Cursor:

ABM1 comp = 9.49 dB A/m
 BWC Factor = 0.151969 dB
 Location: 5, 5, 363.7 mm



0 dB = 1.00A/m