

CELL

Test Laboratory: KWC

Date: 1/25/2010

TCoil_FCC_CELL_S2300_Tri_012510

Communication System: CDMA-800, Frequency: 824.7 MHz, Duty Cycle: 1:1

Medium: Air, Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³

Phantom: HAC Test Arch with AMCC, Phantom section: TCoil Section

DASY4 Configuration:

Probe: AM1DV2 - 1045, , Calibrated: 9/22/2009

Sensor-Surface: 0mm (Fix Surface),

Electronics: DAE4 Sn602, Calibrated: 6/17/2009

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

Temperature: Room T = 21.8 ± 1 deg C, Liquid T = 22.0 ± 1 deg C

General Scans_1013/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

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

Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav

BWC applied: 0.15103 dB

Device Reference Point: 0.000, 0.000, -6.30 mm

Cursor:

ABM1/ABM2 = 50.8 dB

ABM1 comp = -3.75 dB A/m

BWC Factor = 0.15103 dB

Location: -3.3, 0.8, 3.7 mm

General Scans_1013/z (axial) fine 2mm 8 x 8/ABM Interpolated SNR(x,y,z) (41x41x1):

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

Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav

BWC applied: 0.15103 dB

Device Reference Point: 0.000, 0.000, -6.30 mm

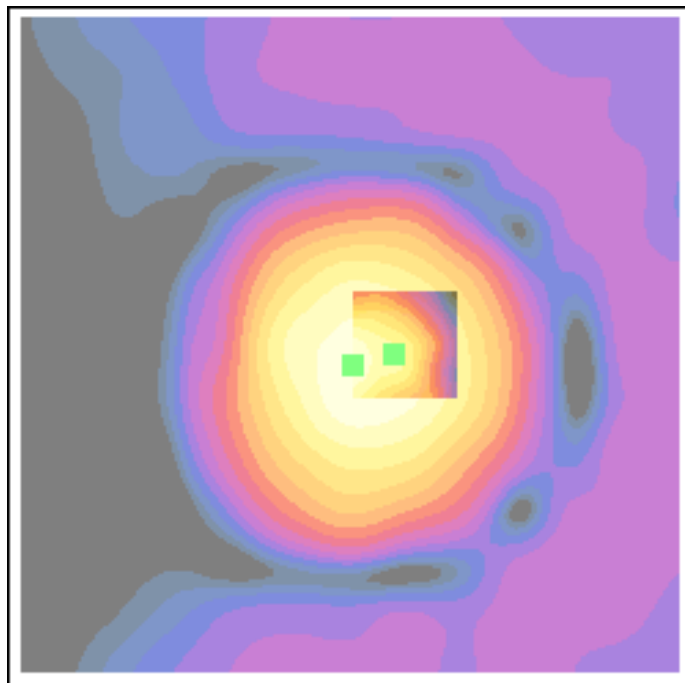
Cursor:

ABM1/ABM2 = 52.7 dB

ABM1 comp = -1.15 dB A/m

BWC Factor = 0.15103 dB

Location: -0.2, 1.6, 3.7 mm



0 dB = 348.3

Test Laboratory: KWC

Date: 1/25/2010

TCoil_FCC_CELL_S2300_Tri_012510

Communication System: CDMA-800, Frequency: 824.7 MHz, Duty Cycle: 1:1
Medium: Air, Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³
Phantom: HAC Test Arch with AMCC, Phantom section: TCoil Section

DASY4 Configuration:

Probe: AM1DV2 - 1045, , Calibrated: 9/22/2009

Sensor-Surface: 0mm (Fix Surface),

Electronics: DAE4 Sn602, Calibrated: 6/17/2009

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

Temperature: Room T = 21.8 ± 1 deg C, Liquid T = 22.0 ± 1 deg C

General Scans_1013/x (longitudinal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

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

Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav

BWC applied: 0.15103 dB

Device Reference Point: 0.000, 0.000, -6.30 mm

Cursor:

ABM1/ABM2 = 35.1 dB

ABM1 comp = -11.7 dB A/m

BWC Factor = 0.15103 dB

Location: -10.8, 0.4, 3.7 mm

General Scans_1013/x (longitudinal) fine 2mm 8 x 8/ABM Interpolated SNR(x,y,z) (41x41x1):

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

Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav

BWC applied: 0.15103 dB

Device Reference Point: 0.000, 0.000, -6.30 mm

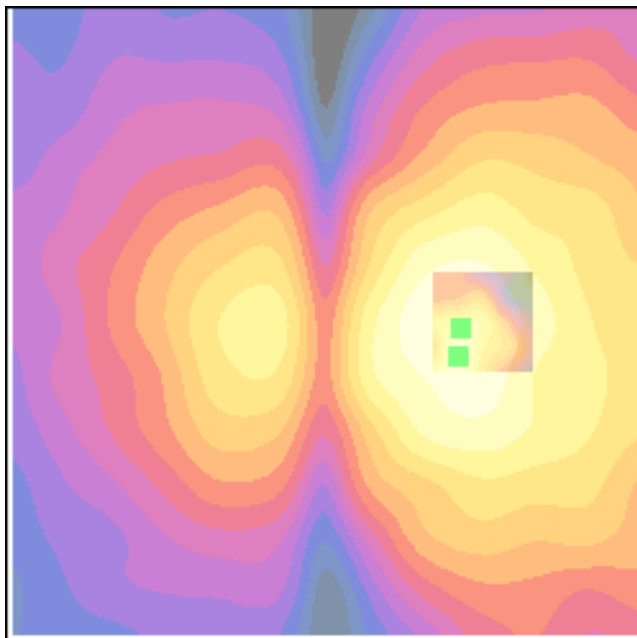
Cursor:

ABM1/ABM2 = 35.1 dB

ABM1 comp = -11.4 dB A/m

BWC Factor = 0.15103 dB

Location: -10.5, 2.8, 3.7 mm



0 dB = 56.6

Test Laboratory: KWC

Date: 1/25/2010

TCoil_FCC_CELL_S2300 Tri_012510

Communication System: CDMA-800, Frequency: 824.7 MHz, Duty Cycle: 1:1
Medium: Air, Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³
Phantom: HAC Test Arch with AMCC, Phantom section: TCoil Section

DASY4 Configuration:

Probe: AM1DV2 - 1045, , Calibrated: 9/22/2009

Sensor-Surface: 0mm (Fix Surface),

Electronics: DAE4 Sn602, Calibrated: 6/17/2009

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

Temperature: Room T = 21.8 ± 1 deg C, Liquid T = 22.0 ± 1 deg C

General Scans_1013/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

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

Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav

BWC applied: 0.15103 dB

Device Reference Point: 0.000, 0.000, -6.30 mm

Cursor:

ABM1/ABM2 = 44.6 dB

ABM1 comp = -11.8 dB A/m

BWC Factor = 0.15103 dB

Location: -3.7, -4.2, 3.7 mm

General Scans_1013/y (transversal) fine 2mm 8 x 8/ABM Interpolated SNR(x,y,z) (41x41x1):

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

Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav

BWC applied: 0.15103 dB

Device Reference Point: 0.000, 0.000, -6.30 mm

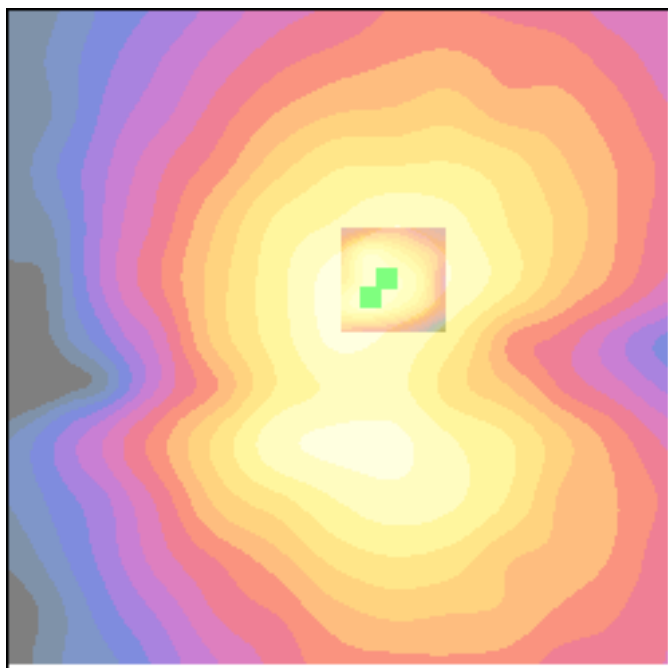
Cursor:

ABM1/ABM2 = 45.2 dB

ABM1 comp = -11.2 dB A/m

BWC Factor = 0.15103 dB

Location: -2.4, -2.8, 3.7 mm



0 dB = 169.3

Test Laboratory: KWC

Date: 1/25/2010

TCoil_FCC_CELL_S2300 Tri_012510

Communication System: CDMA-800, Frequency: 836.49 MHz, Duty Cycle: 1:1

Medium: Air, Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³

Phantom: HAC Test Arch with AMCC, Phantom section: TCoil Section

DASY4 Configuration:

Probe: AM1DV2 - 1045, , Calibrated: 9/22/2009

Sensor-Surface: 0mm (Fix Surface),

Electronics: DAE4 Sn602, Calibrated: 6/17/2009

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

Temperature: Room T = 21.8 ± 1 deg C, Liquid T = 22.0 ± 1 deg C

General Scans_383/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

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

Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav

BWC applied: 0.151969 dB

Device Reference Point: 0.000, 0.000, -6.30 mm

Cursor:

ABM1/ABM2 = 51.8 dB

ABM1 comp = -2.11 dB A/m

BWC Factor = 0.151969 dB

Location: -0.8, 1.7, 3.7 mm

General Scans_383/z (axial) fine 2mm 8 x 8/ABM Interpolated SNR(x,y,z) (41x41x1):

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

Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav

Measure Window Length: 2000ms

BWC applied: 0.151969 dB

Device Reference Point: 0.000, 0.000, -6.30 mm

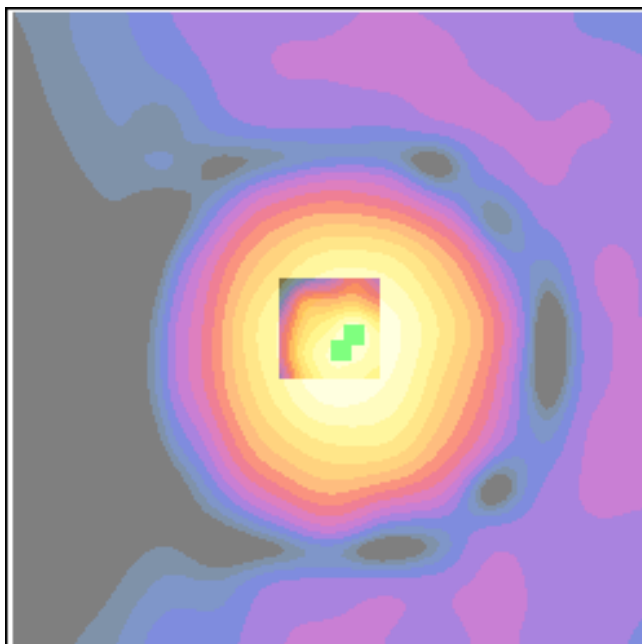
Cursor:

ABM1/ABM2 = 52.2 dB

ABM1 comp = -2.11 dB A/m

BWC Factor = 0.151969 dB

Location: -2, 0.6, 3.7 mm



0 dB = 388.2

Test Laboratory: KWC

Date: 1/25/2010

TCoil_FCC_CELL_S2300_Tri_012510

Communication System: CDMA-800, Frequency: 836.49 MHz, Duty Cycle: 1:1
Medium: Air, Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³
Phantom: HAC Test Arch with AMCC, Phantom section: TCoil Section

DASY4 Configuration:

Probe: AM1DV2 - 1045, , Calibrated: 9/22/2009
Sensor-Surface: 0mm (Fix Surface),
Electronics: DAE4 Sn602, Calibrated: 6/17/2009
Measurement SW: DASY4, V4.7 Build 80
Postprocessing SW: SEMCAD, V1.8 Build 186
Temperature: Room T = 21.8 ± 1 deg C, Liquid T = 22.0 ± 1 deg C

General Scans_383/x (longitudinal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

Measurement grid: dx=10mm, dy=10mm
Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav
BWC applied: 0.151969 dB
Device Reference Point: 0.000, 0.000, -6.30 mm

Cursor:

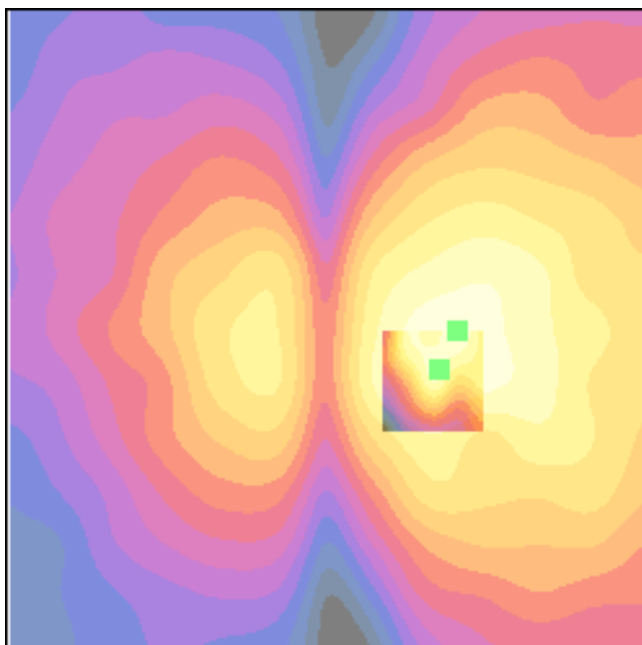
ABM1/ABM2 = 35.0 dB
ABM1 comp = -10.6 dB A/m
BWC Factor = 0.151969 dB
Location: -8.7, 3.3, 3.7 mm

General Scans_383/x (longitudinal) fine 2mm 8 x 8/ABM Interpolated SNR(x,y,z) (41x41x1):

Measurement grid: dx=10mm, dy=10mm
Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav
BWC applied: 0.151969 dB
Device Reference Point: 0.000, 0.000, -6.30 mm

Cursor:

ABM1/ABM2 = 35.3 dB
ABM1 comp = -11.1 dB A/m
BWC Factor = 0.151969 dB
Location: -10.3, 0.2, 3.7 mm



0 dB = 56.2

Test Laboratory: KWC

Date: 1/25/2010

TCoil_FCC_CELL_S2300 Tri_012510

Communication System: CDMA-800, Frequency: 836.49 MHz, Duty Cycle: 1:1
Medium: Air, Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³
Phantom: HAC Test Arch with AMCC, Phantom section: TCoil Section

DASY4 Configuration:

Probe: AM1DV2 - 1045, , Calibrated: 9/22/2009
Sensor-Surface: 0mm (Fix Surface),
Electronics: DAE4 Sn602, Calibrated: 6/17/2009
Measurement SW: DASY4, V4.7 Build 80
Postprocessing SW: SEMCAD, V1.8 Build 186
Temperature: Room T = 21.8 ± 1 deg C, Liquid T = 22.0 ± 1 deg C

General Scans_383/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

Measurement grid: dx=10mm, dy=10mm
Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav
BWC applied: 0.151969 dB
Device Reference Point: 0.000, 0.000, -6.30 mm

Cursor:

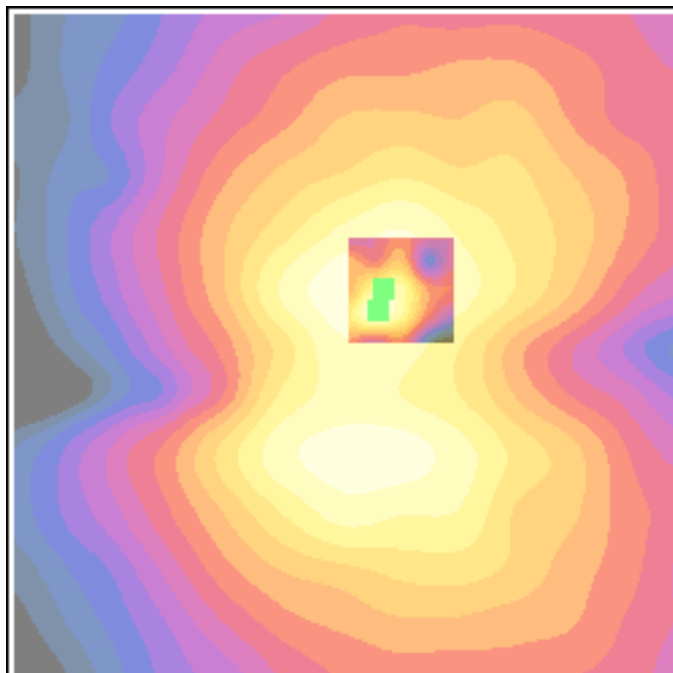
ABM1/ABM2 = 45.1 dB
ABM1 comp = -10.3 dB A/m
BWC Factor = 0.151969 dB
Location: -2.9, -4.2, 3.7 mm

General Scans_383/y (transversal) fine 2mm 8 x 8/ABM Interpolated SNR(x,y,z) (41x41x1):

Measurement grid: dx=10mm, dy=10mm
Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav
BWC applied: 0.151969 dB
Device Reference Point: 0.000, 0.000, -6.30 mm

Cursor:

ABM1/ABM2 = 45.6 dB
ABM1 comp = -10.4 dB A/m
BWC Factor = 0.151969 dB
Location: -2.4, -2.6, 3.7 mm



0 dB = 179.7

Test Laboratory: KWC

Date: 1/25/2010

TCoil_FCC_CELL_S2300_Tri_012510

Communication System: CDMA-800, Frequency: 848.31 MHz, Duty Cycle: 1:1
Medium: Air, Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³
Phantom: HAC Test Arch with AMCC, Phantom section: TCoil Section

DASY4 Configuration:

Probe: AM1DV2 - 1045, , Calibrated: 9/22/2009
Sensor-Surface: 0mm (Fix Surface),
Electronics: DAE4 Sn602, Calibrated: 6/17/2009
Measurement SW: DASY4, V4.7 Build 80
Postprocessing SW: SEMCAD, V1.8 Build 186
Temperature: Room T = 21.8 ± 1 deg C, Liquid T = 22.0 ± 1 deg C

General Scans_777/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

Measurement grid: dx=10mm, dy=10mm
Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav
BWC applied: 0.151969 dB
Device Reference Point: 0.000, 0.000, -6.30 mm

Cursor:

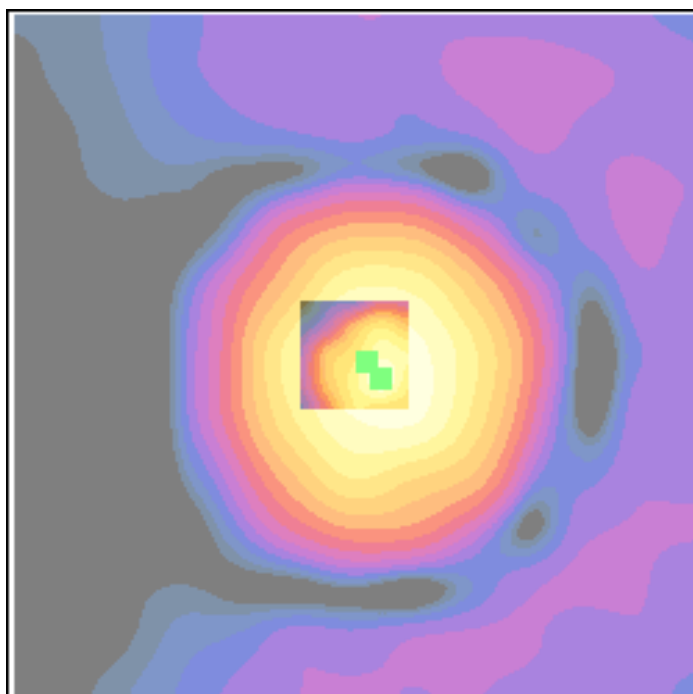
ABM1/ABM2 = 51.9 dB
ABM1 comp = -1.36 dB A/m
BWC Factor = 0.151969 dB
Location: -0.8, 0.4, 3.7 mm

General Scans_777/z (axial) fine 2mm 8 x 8/ABM Interpolated SNR(x,y,z) (41x41x1):

Measurement grid: dx=10mm, dy=10mm
Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav
BWC applied: 0.151969 dB
Device Reference Point: 0.000, 0.000, -6.30 mm

Cursor:

ABM1/ABM2 = 52.4 dB
ABM1 comp = -1.47 dB A/m
BWC Factor = 0.151969 dB
Location: -2, 1.8, 3.7 mm



0 dB = 391.7

Test Laboratory: KWC

Date: 1/25/2010

TCoil_FCC_CELL_S2300 Tri_012510

Communication System: CDMA-800, Frequency: 848.31 MHz, Duty Cycle: 1:1
Medium: Air, Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³
Phantom: HAC Test Arch with AMCC, Phantom section: TCoil Section

DASY4 Configuration:

Probe: AM1DV2 - 1045, , Calibrated: 9/22/2009
Sensor-Surface: 0mm (Fix Surface),
Electronics: DAE4 Sn602, Calibrated: 6/17/2009
Measurement SW: DASY4, V4.7 Build 80
Postprocessing SW: SEMCAD, V1.8 Build 186
Temperature: Room T = 21.8 ± 1 deg C, Liquid T = 22.0 ± 1 deg C

General Scans_777/x (longitudinal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

Measurement grid: dx=10mm, dy=10mm
Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav
BWC applied: 0.151969 dB
Device Reference Point: 0.000, 0.000, -6.30 mm

Cursor:

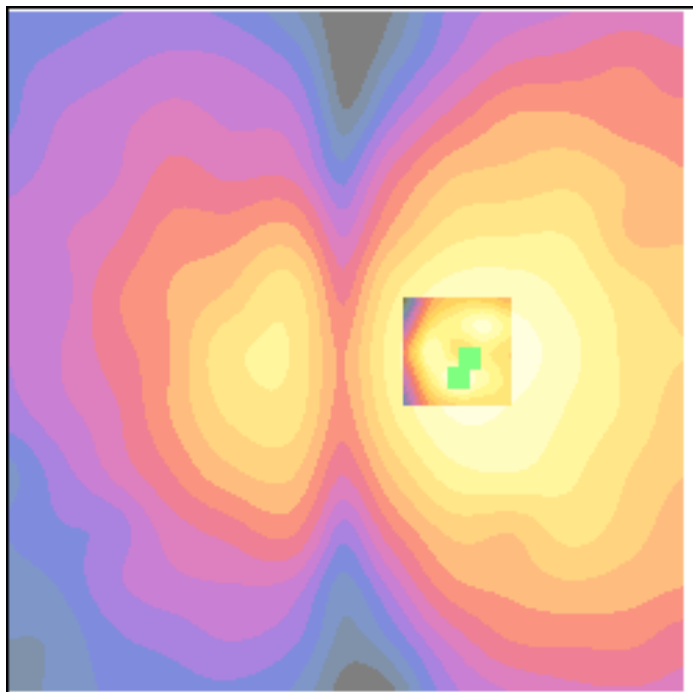
ABM1/ABM2 = 36.5 dB
ABM1 comp = -9.77 dB A/m
BWC Factor = 0.151969 dB
Location: -9.2, 0.4, 3.7 mm

General Scans_777/x (longitudinal) fine 2mm 8 x 8/ABM Interpolated SNR(x,y,z) (41x41x1):

Measurement grid: dx=10mm, dy=10mm
Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav
BWC applied: 0.151969 dB
Device Reference Point: 0.000, 0.000, -6.30 mm

Cursor:

ABM1/ABM2 = 35.7 dB
ABM1 comp = -10.2 dB A/m
BWC Factor = 0.151969 dB
Location: -8.5, 2, 3.7 mm



0 dB = 66.6

Test Laboratory: KWC

Date: 1/25/2010

TCoil_FCC_CELL_S2300 Tri_012510

Communication System: CDMA-800, Frequency: 848.31 MHz, Duty Cycle: 1:1

Medium: Air, Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³

Phantom: HAC Test Arch with AMCC, Phantom section: TCoil Section

DASY4 Configuration:

Probe: AM1DV2 - 1045, , Calibrated: 9/22/2009

Sensor-Surface: 0mm (Fix Surface),

Electronics: DAE4 Sn602, Calibrated: 6/17/2009

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

Temperature: Room T = 21.8 ± 1 deg C, Liquid T = 22.0 ± 1 deg C

General Scans_777/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z)

(121x121x1):

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

Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav

BWC applied: 0.151969 dB

Device Reference Point: 0.000, 0.000, -6.30 mm

Cursor:

ABM1/ABM2 = 45.1 dB

ABM1 comp = -10.6 dB A/m

BWC Factor = 0.151969 dB

Location: -2.9, 8.3, 3.7 mm

General Scans_777/y (transversal) fine 2mm 8 x 8/ABM Interpolated SNR(x,y,z) (41x41x1):

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

Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav

BWC applied: 0.151969 dB

Device Reference Point: 0.000, 0.000, -6.30 mm

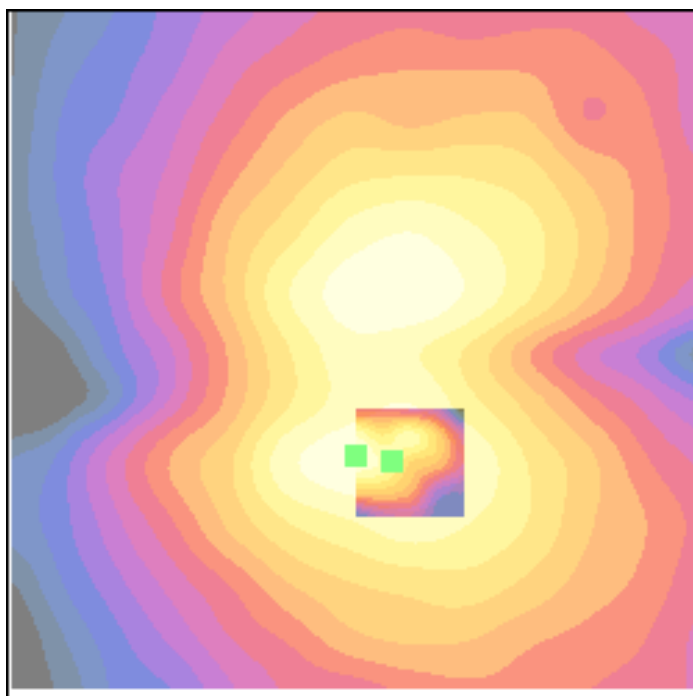
Cursor:

ABM1/ABM2 = 45.6 dB

ABM1 comp = -9.77 dB A/m

BWC Factor = 0.151969 dB

Location: -0.2, 7.7, 3.7 mm



0 dB = 179.8

AWS

Test Laboratory: KWC

Date: 1/25/2010

TCoil_FCC_AWS_S2300 Tri_012010

Communication System: AWS-1700, Frequency: 1711.25 MHz, Duty Cycle: 1:1

Medium: Air, Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³

Phantom: HAC Test Arch with AMCC, Phantom section: TCoil Section

DASY4 Configuration:

Probe: AM1DV2 - 1045, , Calibrated: 9/22/2009

Sensor-Surface: 0mm (Fix Surface),

Electronics: DAE4 Sn602, Calibrated: 6/17/2009

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

Temperature: Room T = 21.8 ± 1 deg C, Liquid T = 22.0 ± 1 deg C

General Scans_25/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

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

Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav

BWC applied: 0.151969 dB

Device Reference Point: 0.000, 0.000, -6.30 mm

Cursor:

ABM1/ABM2 = 52.8 dB

ABM1 comp = -1.36 dB A/m

BWC Factor = 0.151969 dB

Location: -1.2, 0.8, 3.7 mm

General Scans_25/z (axial) fine 2mm 8 x 8/ABM Interpolated SNR(x,y,z) (41x41x1):

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

Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav

BWC applied: 0.151969 dB

Device Reference Point: 0.000, 0.000, -6.30 mm

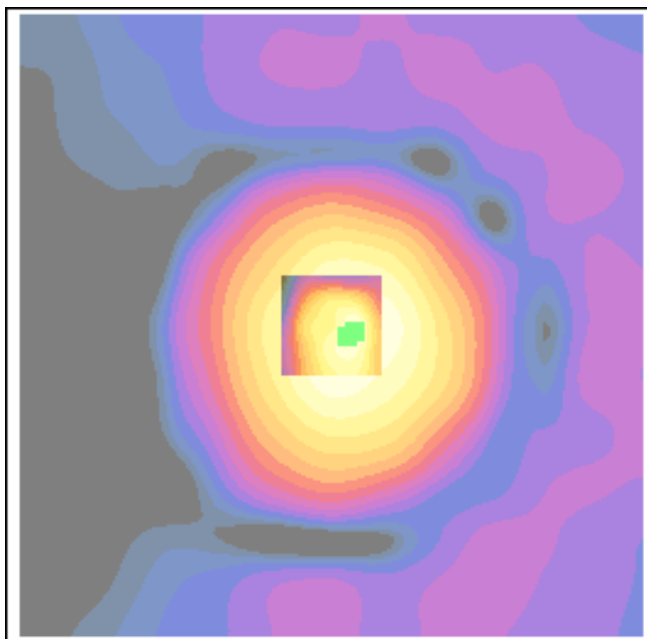
Cursor:

ABM1/ABM2 = 53.4 dB

ABM1 comp = -0.902 dB A/m

BWC Factor = 0.151969 dB

Location: -1.8, 0.4, 3.7 mm



0 dB = 434.2

Test Laboratory: KWC

Date: 1/25/2010

TCoil_FCC_AWS_S2300 Tri_012010

Communication System: AWS-1700, Frequency: 1711.25 MHz, Duty Cycle: 1:1
Medium: Air, Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³
Phantom: HAC Test Arch with AMCC, Phantom section: TCoil Section

DASY4 Configuration:

Probe: AM1DV2 - 1045, , Calibrated: 9/22/2009
Sensor-Surface: 0mm (Fix Surface),
Electronics: DAE4 Sn602, Calibrated: 6/17/2009
Measurement SW: DASY4, V4.7 Build 80
Postprocessing SW: SEMCAD, V1.8 Build 186
Temperature: Room T = 21.8 ± 1 deg C, Liquid T = 22.0 ± 1 deg C

General Scans_25/x (longitudinal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

Measurement grid: dx=10mm, dy=10mm
Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav
BWC applied: 0.151969 dB
Device Reference Point: 0.000, 0.000, -6.30 mm

Cursor:

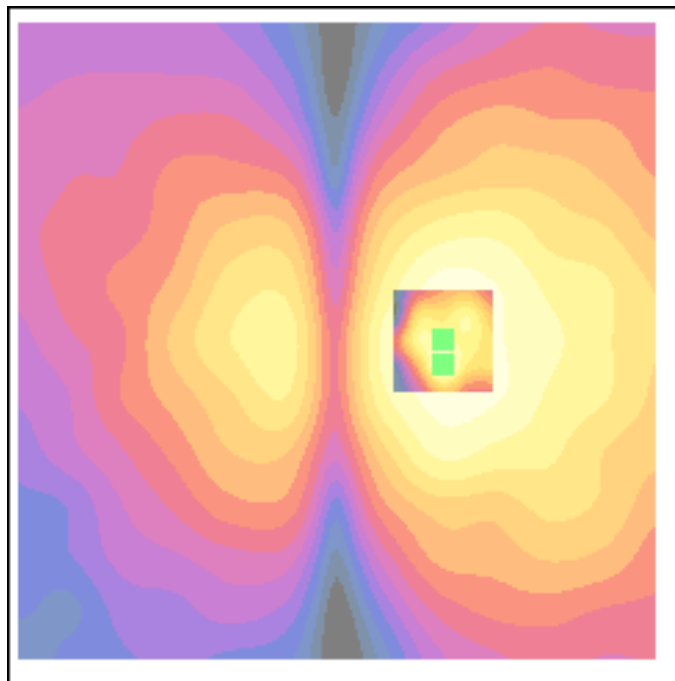
ABM1/ABM2 = 37.9 dB
ABM1 comp = -9.62 dB A/m
BWC Factor = 0.151969 dB
Location: -8.3, 0, 3.7 mm

General Scans_25/x (longitudinal) fine 2mm 8 x 8/ABM Interpolated SNR(x,y,z) (41x41x1):

Measurement grid: dx=10mm, dy=10mm
Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav
BWC applied: 0.151969 dB
Device Reference Point: 0.000, 0.000, -6.30 mm

Cursor:

ABM1/ABM2 = 38.1 dB
ABM1 comp = -9.48 dB A/m
BWC Factor = 0.151969 dB
Location: -8.3, 1.8, 3.7 mm



0 dB = 78.4

Test Laboratory: KWC

Date: 1/25/2010

TCoil_FCC_AWS_S2300 Tri_012010

Communication System: AWS-1700, Frequency: 1711.25 MHz, Duty Cycle: 1:1
Medium: Air, Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³
Phantom: HAC Test Arch with AMCC, Phantom section: TCoil Section

DASY4 Configuration:

Probe: AM1DV2 - 1045, , Calibrated: 9/22/2009
Sensor-Surface: 0mm (Fix Surface),
Electronics: DAE4 Sn602, Calibrated: 6/17/2009
Measurement SW: DASY4, V4.7 Build 80
Postprocessing SW: SEMCAD, V1.8 Build 186
Temperature: Room T = 21.8 ± 1 deg C, Liquid T = 22.0 ± 1 deg C

General Scans_25/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

Measurement grid: dx=10mm, dy=10mm
Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav
BWC applied: 0.151969 dB
Device Reference Point: 0.000, 0.000, -6.30 mm

Cursor:

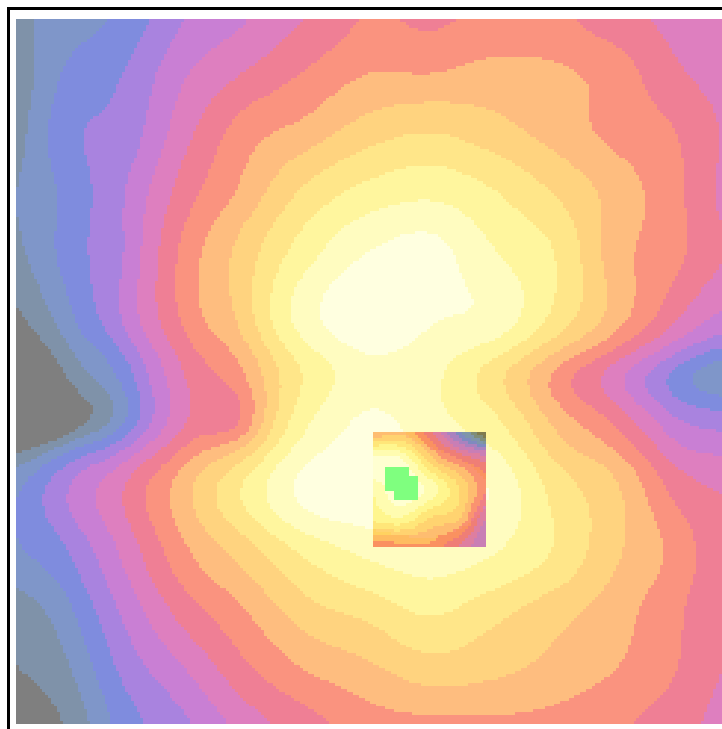
ABM1/ABM2 = 45.5 dB
ABM1 comp = -10.9 dB A/m
BWC Factor = 0.151969 dB
Location: -2.5, 8.3, 3.7 mm

General Scans_25/y (transversal) fine 2mm 8 x 8/ABM Interpolated SNR(x,y,z) (41x41x1):

Measurement grid: dx=10mm, dy=10mm
Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav
BWC applied: 0.151969 dB
Device Reference Point: 0.000, 0.000, -6.30 mm

Cursor:

ABM1/ABM2 = 46.7 dB
ABM1 comp = -9.97 dB A/m
BWC Factor = 0.151969 dB
Location: -2, 7.5, 3.7 mm



0 dB = 189.2

Test Laboratory: KWC

Date: 1/25/2010

TCoil_FCC_AWS_S2300 Tri_012010

Communication System: AWS-1700, Frequency: 1732.5 MHz, Duty Cycle: 1:1

Medium: Air, Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³

Phantom: HAC Test Arch with AMCC, Phantom section: TCoil Section

DASY4 Configuration:

Probe: AM1DV2 - 1045, , Calibrated: 9/22/2009

Sensor-Surface: 0mm (Fix Surface),

Electronics: DAE4 Sn602, Calibrated: 6/17/2009

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

Temperature: Room T = 21.8 ± 1 deg C, Liquid T = 22.0 ± 1 deg C

General Scans_450/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

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

Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav

BWC applied: 0.15103 dB

Device Reference Point: 0.000, 0.000, -6.30 mm

Cursor:

ABM1/ABM2 = 52.5 dB

ABM1 comp = -1.31 dB A/m

BWC Factor = 0.15103 dB

Location: -0.8, 1.7, 3.7 mm

General Scans_450/z (axial) fine 2mm 8 x 8/ABM Interpolated SNR(x,y,z) (41x41x1):

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

Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav

BWC applied: 0.15103 dB

Device Reference Point: 0.000, 0.000, -6.30 mm

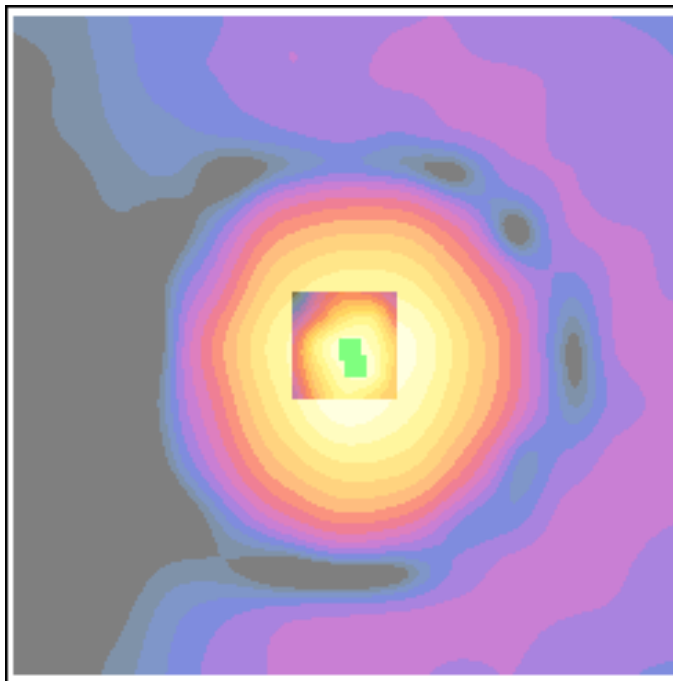
Cursor:

ABM1/ABM2 = 52.6 dB

ABM1 comp = -1.27 dB A/m

BWC Factor = 0.15103 dB

Location: -0.4, 0.4, 3.7 mm



0 dB = 420.2

Test Laboratory: KWC

Date: 1/25/2010

TCoil_FCC_AWS_S2300 Tri_012010

Communication System: AWS-1700, Frequency: 1732.5 MHz, Duty Cycle: 1:1
Medium: Air, Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³
Phantom: HAC Test Arch with AMCC, Phantom section: TCoil Section

DASY4 Configuration:

Probe: AM1DV2 - 1045, , Calibrated: 9/22/2009
Sensor-Surface: 0mm (Fix Surface),
Electronics: DAE4 Sn602, Calibrated: 6/17/2009
Measurement SW: DASY4, V4.7 Build 80
Postprocessing SW: SEMCAD, V1.8 Build 186
Temperature: Room T = 21.8 ± 1 deg C, Liquid T = 22.0 ± 1 deg C

General Scans_450/x (longitudinal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

Measurement grid: dx=10mm, dy=10mm
Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav
BWC applied: 0.15103 dB
Device Reference Point: 0.000, 0.000, -6.30 mm

Cursor:

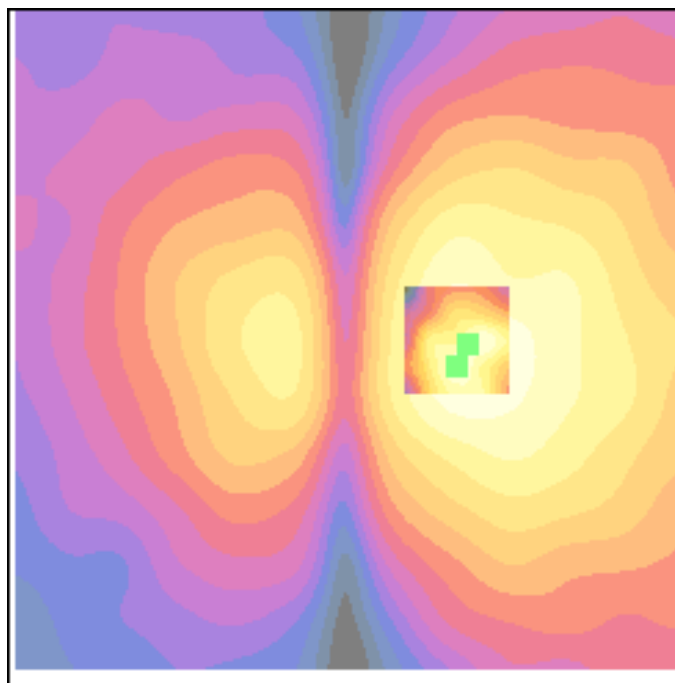
ABM1/ABM2 = 36.8 dB
ABM1 comp = -9.87 dB A/m
BWC Factor = 0.15103 dB
Location: -9.2, 0.4, 3.7 mm

General Scans_450/x (longitudinal) fine 2mm 8 x 8/ABM Interpolated SNR(x,y,z) (41x41x1):

Measurement grid: dx=10mm, dy=10mm
Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav
BWC applied: 0.15103 dB
Device Reference Point: 0.000, 0.000, -6.30 mm

Cursor:

ABM1/ABM2 = 36.6 dB
ABM1 comp = -9.73 dB A/m
BWC Factor = 0.15103 dB
Location: -8.3, 2, 3.7 mm



0 dB = 69.6

Test Laboratory: KWC

Date: 1/25/2010

TCoil_FCC_AWS_S2300 Tri_012010

Communication System: AWS-1700, Frequency: 1732.5 MHz, Duty Cycle: 1:1

Medium: Air, Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³

Phantom: HAC Test Arch with AMCC, Phantom section: TCoil Section

DASY4 Configuration:

Probe: AM1DV2 - 1045, , Calibrated: 9/22/2009

Sensor-Surface: 0mm (Fix Surface),

Electronics: DAE4 Sn602, Calibrated: 6/17/2009

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

Temperature: Room T = 21.8 ± 1 deg C, Liquid T = 22.0 ± 1 deg C

General Scans_450/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

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

Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav

BWC applied: 0.15103 dB

Device Reference Point: 0.000, 0.000, -6.30 mm

Cursor:

ABM1/ABM2 = 45.4 dB

ABM1 comp = -10.2 dB A/m

BWC Factor = 0.15103 dB

Location: -1.2, 8.3, 3.7 mm

General Scans_450/y (transversal) fine 2mm 8 x 8/ABM Interpolated SNR(x,y,z) (41x41x1):

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

Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav

BWC applied: 0.15103 dB

Device Reference Point: 0.000, 0.000, -6.30 mm

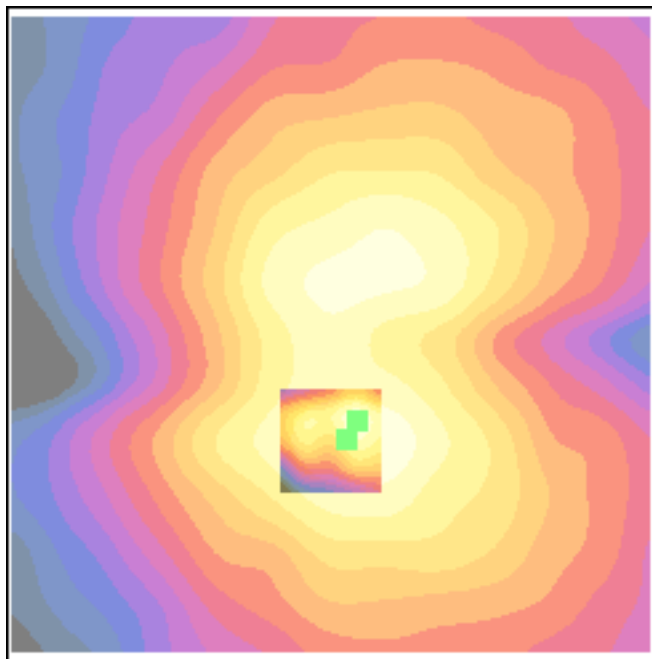
Cursor:

ABM1/ABM2 = 46.4 dB

ABM1 comp = -10.1 dB A/m

BWC Factor = 0.15103 dB

Location: -2, 6.7, 3.7 mm



0 dB = 185.1

Test Laboratory: KWC

Date: 1/25/2010

TCoil_FCC_AWS_S2300 Tri_012010

Communication System: AWS-1700, Frequency: 1753.75 MHz, Duty Cycle: 1:1
Medium: Air, Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³

Phantom: HAC Test Arch with AMCC, Phantom section: TCoil Section

DASY4 Configuration:

Probe: AM1DV2 - 1045, , Calibrated: 9/22/2009

Sensor-Surface: 0mm (Fix Surface),

Electronics: DAE4 Sn602, Calibrated: 6/17/2009

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

Temperature: Room T = 21.8 +/- 1 deg C, Liquid T = 22.0 +/- 1 deg C

General Scans_875/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

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

Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav

BWC applied: 0.151969 dB

Device Reference Point: 0.000, 0.000, -6.30 mm

Cursor:

ABM1/ABM2 = 52.2 dB

ABM1 comp = -1.78 dB A/m

BWC Factor = 0.151969 dB

Location: -0.8, 1.2, 3.7 mm

General Scans_875/z (axial) fine 2mm 8 x 8/ABM Interpolated SNR(x,y,z) (41x41x1):

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

Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav

BWC applied: 0.151969 dB

Device Reference Point: 0.000, 0.000, -6.30 mm

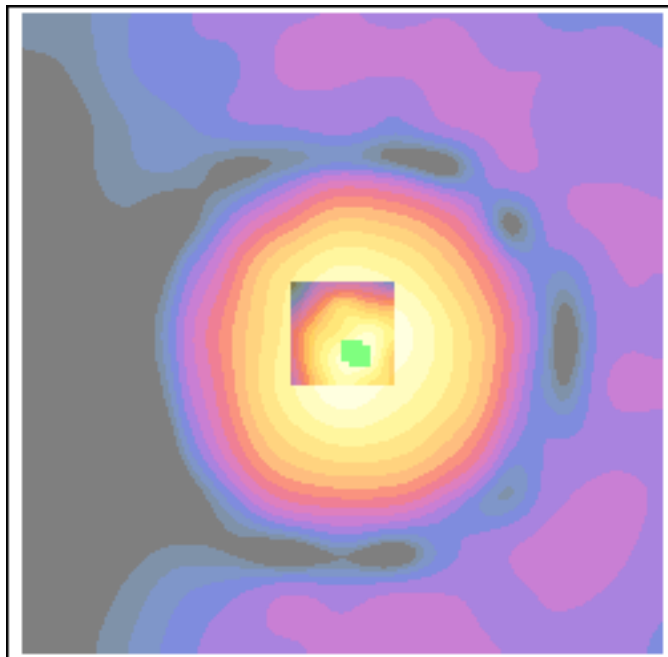
Cursor:

ABM1/ABM2 = 52.9 dB

ABM1 comp = -1.20 dB A/m

BWC Factor = 0.151969 dB

Location: -1.4, 1.8, 3.7 mm



0 dB = 405.9

Test Laboratory: KWC

Date: 1/25/2010

TCoil_FCC_AWS_S2300 Tri_012010

Communication System: AWS-1700, Frequency: 1753.75 MHz, Duty Cycle: 1:1
Medium: Air, Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³
Phantom: HAC Test Arch with AMCC, Phantom section: TCoil Section

DASY4 Configuration:

Probe: AM1DV2 - 1045, , Calibrated: 9/22/2009
Sensor-Surface: 0mm (Fix Surface),
Electronics: DAE4 Sn602, Calibrated: 6/17/2009
Measurement SW: DASY4, V4.7 Build 80
Postprocessing SW: SEMCAD, V1.8 Build 186
Temperature: Room T = 21.8 +/- 1 deg C, Liquid T = 22.0 +/- 1 deg C

General Scans_875/x (longitudinal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

Measurement grid: dx=10mm, dy=10mm
Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav
BWC applied: 0.151969 dB
Device Reference Point: 0.000, 0.000, -6.30 mm

Cursor:

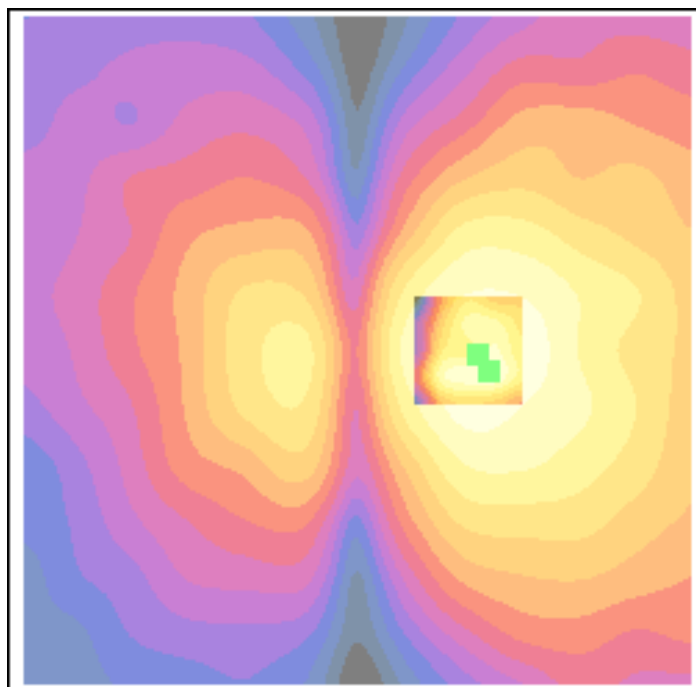
ABM1/ABM2 = 36.6 dB
ABM1 comp = -10.2 dB A/m
BWC Factor = 0.151969 dB
Location: -9.2, 0.4, 3.7 mm

General Scans_875/x (longitudinal) fine 2mm 8 x 8/ABM Interpolated SNR(x,y,z) (41x41x1):

Measurement grid: dx=10mm, dy=10mm
Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav
BWC applied: 0.151969 dB
Device Reference Point: 0.000, 0.000, -6.30 mm

Cursor:

ABM1/ABM2 = 35.9 dB
ABM1 comp = -11.0 dB A/m
BWC Factor = 0.151969 dB
Location: -9.9, 1.6, 3.7 mm



0 dB = 67.8

Test Laboratory: KWC

Date: 1/25/2010

TCoil_FCC_AWS_S2300 Tri_012010

Communication System: AWS-1700, Frequency: 1753.75 MHz, Duty Cycle: 1:1
Medium: Air, Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³

Phantom: HAC Test Arch with AMCC, Phantom section: TCoil Section

DASY4 Configuration:

Probe: AM1DV2 - 1045, , Calibrated: 9/22/2009

Sensor-Surface: 0mm (Fix Surface),

Electronics: DAE4 Sn602, Calibrated: 6/17/2009

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

Temperature: Room T = 21.8 +/- 1 deg C, Liquid T = 22.0 +/- 1 deg C

General Scans_875/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

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

Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav

BWC applied: 0.151969 dB

Device Reference Point: 0.000, 0.000, -6.30 mm

Cursor:

ABM1/ABM2 = 45.8 dB

ABM1 comp = -9.49 dB A/m

BWC Factor = 0.151969 dB

Location: -1.7, -4.2, 3.7 mm

General Scans_875/y (transversal) fine 2mm 8 x 8/ABM Interpolated SNR(x,y,z) (41x41x1):

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

Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav

BWC applied: 0.151969 dB

Device Reference Point: 0.000, 0.000, -6.30 mm

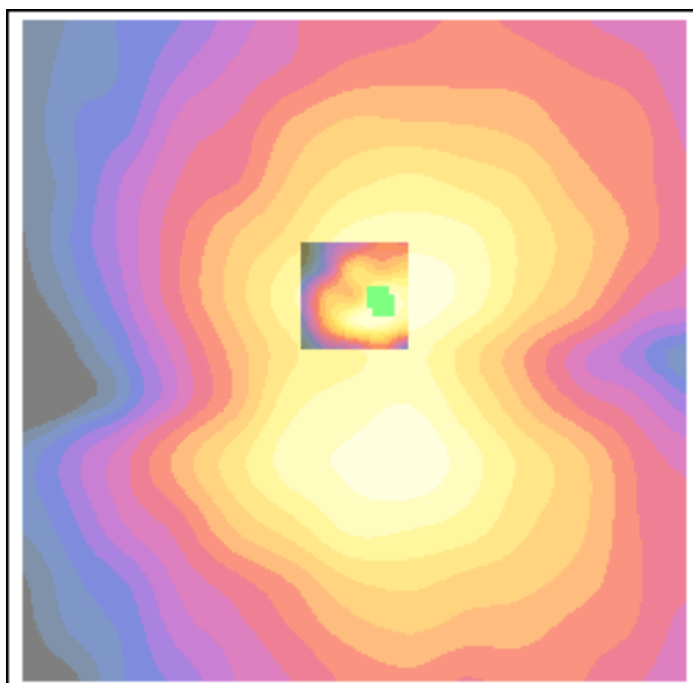
Cursor:

ABM1/ABM2 = 45.9 dB

ABM1 comp = -9.98 dB A/m

BWC Factor = 0.151969 dB

Location: -2.2, -3.4, 3.7 mm



0 dB = 195.5

PCS

Test Laboratory: KWC

Date: 1/25/2010

TCoil_FCC_PCS_S2300 Tri_012510

Communication System: CDMA-1900, Frequency: 1851.25 MHz, Duty Cycle: 1:1

Medium: Air, Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³

Phantom: HAC Test Arch with AMCC, Phantom section: TCoil Section

DASY4 Configuration:

Probe: AM1DV2 - 1045, , Calibrated: 9/22/2009

Sensor-Surface: 0mm (Fix Surface),

Electronics: DAE4 Sn602, Calibrated: 6/17/2009

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

Temperature: Room T = 21.8̄ 1 deg C, Liquid T = 22.0̄ 1 deg C

General Scans_25/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

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

Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav

BWC applied: 0.155979 dB

Device Reference Point: 0.000, 0.000, -6.30 mm

Cursor:

ABM1/ABM2 = 50.7 dB

ABM1 comp = -3.85 dB A/m

BWC Factor = 0.155979 dB

Location: -2.1, 1.2, 3.7 mm

General Scans_25/z (axial) fine 2mm 8 x 8/ABM Interpolated SNR(x,y,z) (41x41x1):

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

Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav

BWC applied: 0.155979 dB

Device Reference Point: 0.000, 0.000, -6.30 mm

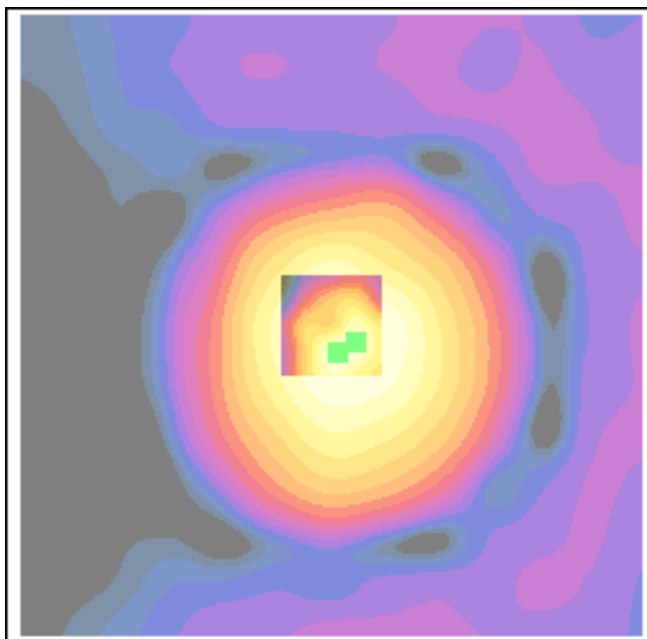
Cursor:

ABM1/ABM2 = 51.9 dB

ABM1 comp = -2.31 dB A/m

BWC Factor = 0.155979 dB

Location: -0.6, 2.2, 3.7 mm



0 dB = 344.6

Test Laboratory: KWC

Date: 1/22/2010

TCoil_FCC_PCS_S2300 Tri_012510

Communication System: CDMA-1900, Frequency: 1851.25 MHz, Duty Cycle: 1:1
Medium: Air, Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³
Phantom: HAC Test Arch with AMCC, Phantom section: TCoil Section

DASY4 Configuration:

Probe: AM1DV2 - 1045, , Calibrated: 9/22/2009
Sensor-Surface: 0mm (Fix Surface),
Electronics: DAE4 Sn602, Calibrated: 6/17/2009
Measurement SW: DASY4, V4.7 Build 80
Postprocessing SW: SEMCAD, V1.8 Build 186
Temperature: Room T = 21.8 ± 1 deg C, Liquid T = 22.0 ± 1 deg C

General Scans_25/x (longitudinal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

Measurement grid: dx=10mm, dy=10mm
Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav
BWC applied: 0.155979 dB
Device Reference Point: 0.000, 0.000, -6.30 mm

Cursor:

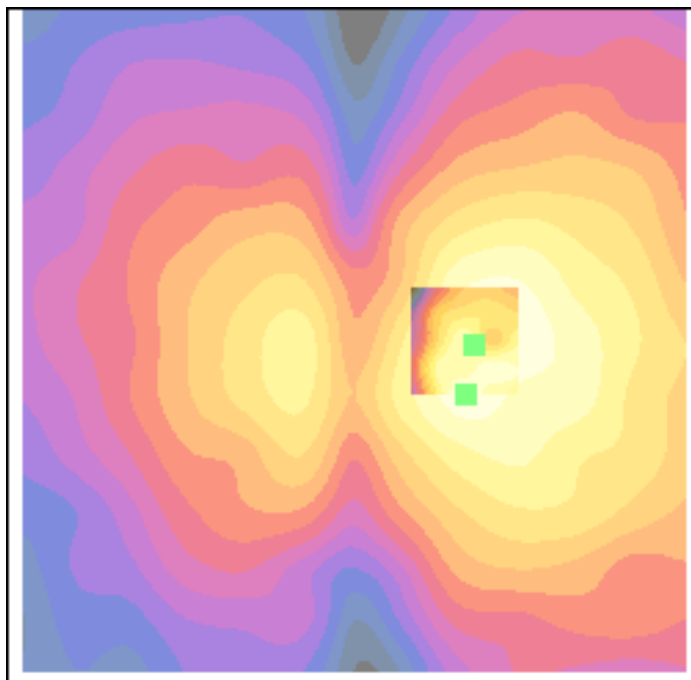
ABM1/ABM2 = 41.2 dB
ABM1 comp = -9.83 dB A/m
BWC Factor = 0.155979 dB
Location: -9.2, 0.4, 3.7 mm

General Scans_25/x (longitudinal) fine 2mm 8 x 8/ABM Interpolated SNR(x,y,z) (41x41x1):

Measurement grid: dx=10mm, dy=10mm
Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav
BWC applied: 0.155979 dB
Device Reference Point: 0.000, 0.000, -6.30 mm

Cursor:

ABM1/ABM2 = 40.9 dB
ABM1 comp = -9.59 dB A/m
BWC Factor = 0.155979 dB
Location: -8.5, 4, 3.7 mm



0 dB = 115.1

Test Laboratory: KWC

Date: 1/25/2010

TCoil_FCC_PCS_S2300 Tri_012510

Communication System: CDMA-1900, Frequency: 1851.25 MHz, Duty Cycle: 1:1
Medium: Air, Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³
Phantom: HAC Test Arch with AMCC, Phantom section: TCoil Section

DASY4 Configuration:

Probe: AM1DV2 - 1045, , Calibrated: 9/22/2009
Sensor-Surface: 0mm (Fix Surface),
Electronics: DAE4 Sn602, Calibrated: 6/17/2009
Measurement SW: DASY4, V4.7 Build 80
Postprocessing SW: SEMCAD, V1.8 Build 186
Temperature: Room T = 21.8 ± 1 deg C, Liquid T = 22.0 ± 1 deg C

General Scans_25/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

Measurement grid: dx=10mm, dy=10mm
Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav
BWC applied: 0.155979 dB
Device Reference Point: 0.000, 0.000, -6.30 mm

Cursor:

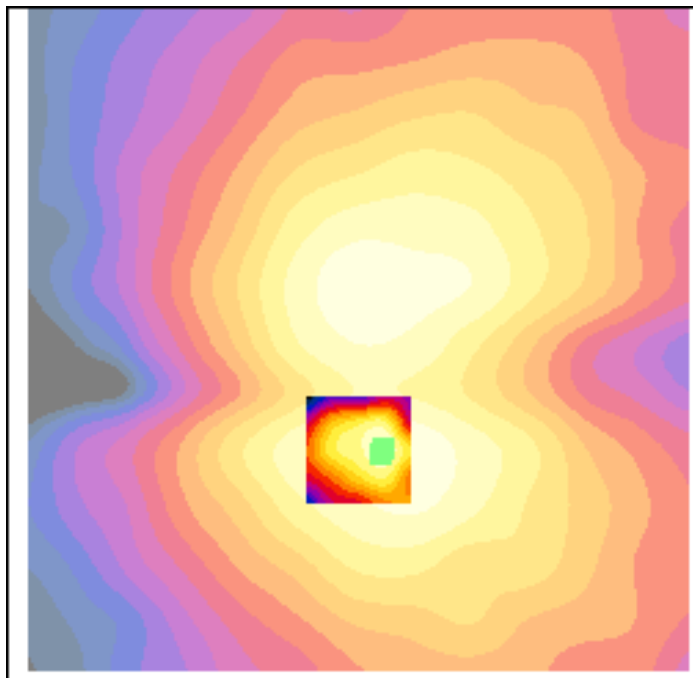
ABM1/ABM2 = 43.5 dB
ABM1 comp = -11.9 dB A/m
BWC Factor = 0.155979 dB
Location: -1.7, 8.7, 3.7 mm

General Scans_25/y (transversal) fine 2mm 8 x 8/ABM Interpolated SNR(x,y,z) (41x41x1):

Measurement grid: dx=10mm, dy=10mm
Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav
BWC applied: 0.155979 dB
Device Reference Point: 0.000, 0.000, -6.30 mm

Cursor:

ABM1/ABM2 = 44.1 dB
ABM1 comp = -11.8 dB A/m
BWC Factor = 0.155979 dB
Location: -1.8, 8.1, 3.7 mm



0 dB = 150.1

Test Laboratory: KWC

Date: 1/25/2010

TCoil_FCC_PCS_S2300 Tri_012510

Communication System: CDMA-1900, Frequency: 1880 MHz, Duty Cycle: 1:1
Medium: Air, Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³
Phantom: HAC Test Arch with AMCC, Phantom section: TCoil Section

DASY4 Configuration:

Probe: AM1DV2 - 1045, , Calibrated: 9/22/2009
Sensor-Surface: 0mm (Fix Surface),
Electronics: DAE4 Sn602, Calibrated: 6/17/2009
Measurement SW: DASY4, V4.7 Build 80
Postprocessing SW: SEMCAD, V1.8 Build 186
Temperature: Room T = 21.8 ± 1 deg C, Liquid T = 22.0 ± 1 deg C

General Scans_600/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

Measurement grid: dx=10mm, dy=10mm
Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav
BWC applied: 0.155041 dB
Device Reference Point: 0.000, 0.000, -6.30 mm

Cursor:

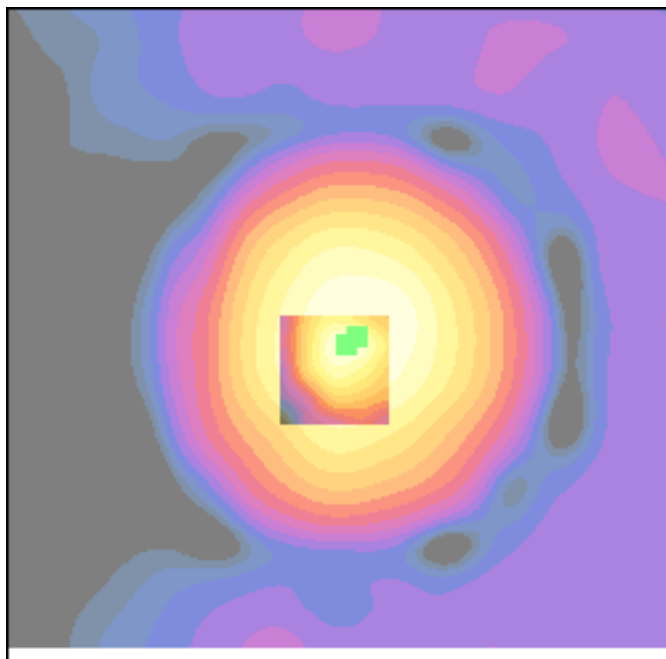
ABM1/ABM2 = 51.1 dB
ABM1 comp = -3.31 dB A/m
BWC Factor = 0.155041 dB
Location: -1.7, 1.7, 3.7 mm

General Scans_600/z (axial) fine 2mm 8 x 8/ABM Interpolated SNR(x,y,z) (41x41x1):

Measurement grid: dx=10mm, dy=10mm
Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav
BWC applied: 0.155041 dB
Device Reference Point: 0.000, 0.000, -6.30 mm

Cursor:

ABM1/ABM2 = 51.8 dB
ABM1 comp = -2.62 dB A/m
BWC Factor = 0.155041 dB
Location: -0.8, 2.4, 3.7 mm



0 dB = 359.1

Test Laboratory: KWC

Date: 1/25/2010

TCoil_FCC_PCS_S2300 Tri_012510

Communication System: CDMA-1900, Frequency: 1880 MHz, Duty Cycle: 1:1
Medium: Air, Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³

Phantom: HAC Test Arch with AMCC, Phantom section: TCoil Section

DASY4 Configuration:

Probe: AM1DV2 - 1045, , Calibrated: 9/22/2009

Sensor-Surface: 0mm (Fix Surface),

Electronics: DAE4 Sn602, Calibrated: 6/17/2009

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

Temperature: Room T = 21.8 ± 1 deg C, Liquid T = 22.0 ± 1 deg C

General Scans_600/x (longitudinal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z)

(121x121x1):

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

Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav

BWC applied: 0.155041 dB

Device Reference Point: 0.000, 0.000, -6.30 mm

Cursor:

ABM1/ABM2 = 34.2 dB

ABM1 comp = -12.8 dB A/m

BWC Factor = 0.155041 dB

Location: -10, 3.7, 3.7 mm

General Scans_600/x (longitudinal) fine 2mm 8 x 8/ABM Interpolated SNR(x,y,z) (41x41x1):

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

Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav

BWC applied: 0.155041 dB

Device Reference Point: 0.000, 0.000, -6.30 mm

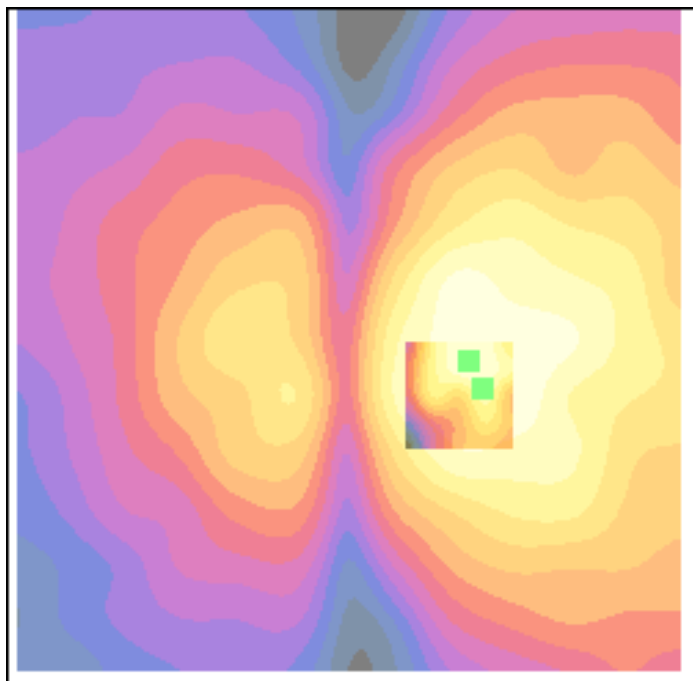
Cursor:

ABM1/ABM2 = 34.9 dB

ABM1 comp = -11.8 dB A/m

BWC Factor = 0.155041 dB

Location: -9.1, 1.6, 3.7 mm



0 dB = 51.2

Test Laboratory: KWC

Date: 1/25/2010

TCoil_FCC_PCS_S2300 Tri_012510

Communication System: CDMA-1900, Frequency: 1880 MHz, Duty Cycle: 1:1
Medium: Air, Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³
Phantom: HAC Test Arch with AMCC, Phantom section: TCoil Section

DASY4 Configuration:

Probe: AM1DV2 - 1045, , Calibrated: 9/22/2009
Sensor-Surface: 0mm (Fix Surface),
Electronics: DAE4 Sn602, Calibrated: 6/17/2009
Measurement SW: DASY4, V4.7 Build 80
Postprocessing SW: SEMCAD, V1.8 Build 186
Temperature: Room T = 21.8 ± 1 deg C, Liquid T = 22.0 ± 1 deg C

General Scans_600/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

Measurement grid: dx=10mm, dy=10mm
Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav
BWC applied: 0.155041 dB
Device Reference Point: 0.000, 0.000, -6.30 mm

Cursor:

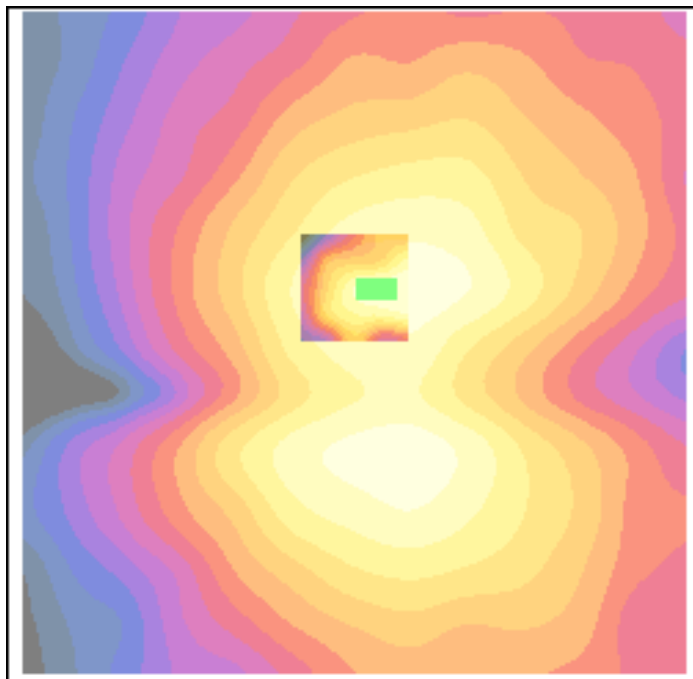
ABM1/ABM2 = 44.0 dB
ABM1 comp = -10.7 dB A/m
BWC Factor = 0.155041 dB
Location: -0.8, -4.2, 3.7 mm

General Scans_600/y (transversal) fine 2mm 8 x 8/ABM Interpolated SNR(x,y,z) (41x41x1):

Measurement grid: dx=10mm, dy=10mm
Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav
BWC applied: 0.155041 dB
Device Reference Point: 0.000, 0.000, -6.30 mm

Cursor:

ABM1/ABM2 = 44.1 dB
ABM1 comp = -11.5 dB A/m
BWC Factor = 0.155041 dB
Location: -2.4, -4, 3.7 mm



0 dB = 157.6

Test Laboratory: KWC

Date: 1/25/2010

TCoil_FCC_PCS_S2300 Tri_012510

Communication System: CDMA-1900, Frequency: 1908.75 MHz, Duty Cycle: 1:1
Medium: Air, Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³
Phantom: HAC Test Arch with AMCC, Phantom section: TCoil Section

DASY4 Configuration:

Probe: AM1DV2 - 1045, , Calibrated: 9/22/2009
Sensor-Surface: 0mm (Fix Surface),
Electronics: DAE4 Sn602, Calibrated: 6/17/2009
Measurement SW: DASY4, V4.7 Build 80
Postprocessing SW: SEMCAD, V1.8 Build 186
Temperature: Room T = 21.8 ± 1 deg C, Liquid T = 22.0 ± 1 deg C

General Scans_1175/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

Measurement grid: dx=10mm, dy=10mm
Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav
BWC applied: 0.15103 dB
Device Reference Point: 0.000, 0.000, -6.30 mm

Cursor:

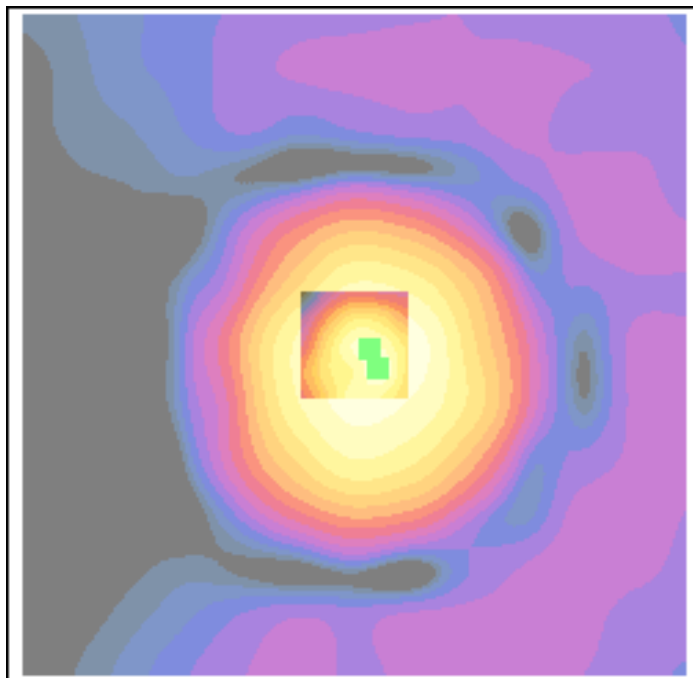
ABM1/ABM2 = 51.9 dB
ABM1 comp = -2.01 dB A/m
BWC Factor = 0.15103 dB
Location: -1.2, 0.4, 3.7 mm

General Scans_1175/z (axial) fine 2mm 8 x 8/ABM Interpolated SNR(x,y,z) (41x41x1):

Measurement grid: dx=10mm, dy=10mm
Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav
BWC applied: 0.15103 dB
Device Reference Point: 0.000, 0.000, -6.30 mm

Cursor:

ABM1/ABM2 = 53.4 dB
ABM1 comp = -0.866 dB A/m
BWC Factor = 0.15103 dB
Location: -1.8, 1.8, 3.7 mm



0 dB = 392.5

Test Laboratory: KWC

Date: 1/25/2010

TCoil_FCC_PCS_S2300 Tri_012510

Communication System: CDMA-1900, Frequency: 1908.75 MHz, Duty Cycle: 1:1
Medium: Air, Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³

Phantom: HAC Test Arch with AMCC, Phantom section: TCoil Section

DASY4 Configuration:

Probe: AM1DV2 - 1045, , Calibrated: 9/22/2009

Sensor-Surface: 0mm (Fix Surface),

Electronics: DAE4 Sn602, Calibrated: 6/17/2009

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

Temperature: Room T = 21.8 ± 1 deg C, Liquid T = 22.0 ± 1 deg C

General Scans_1175/x (longitudinal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

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

Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav

BWC applied: 0.15103 dB

Device Reference Point: 0.000, 0.000, -6.30 mm

Cursor:

ABM1/ABM2 = 36.5 dB

ABM1 comp = -10.0 dB A/m

BWC Factor = 0.15103 dB

Location: -9.2, 0, 3.7 mm

General Scans_1175/x (longitudinal) fine 2mm 8 x 8/ABM Interpolated SNR(x,y,z) (41x41x1):

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

Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav

BWC applied: 0.15103 dB

Device Reference Point: 0.000, 0.000, -6.30 mm

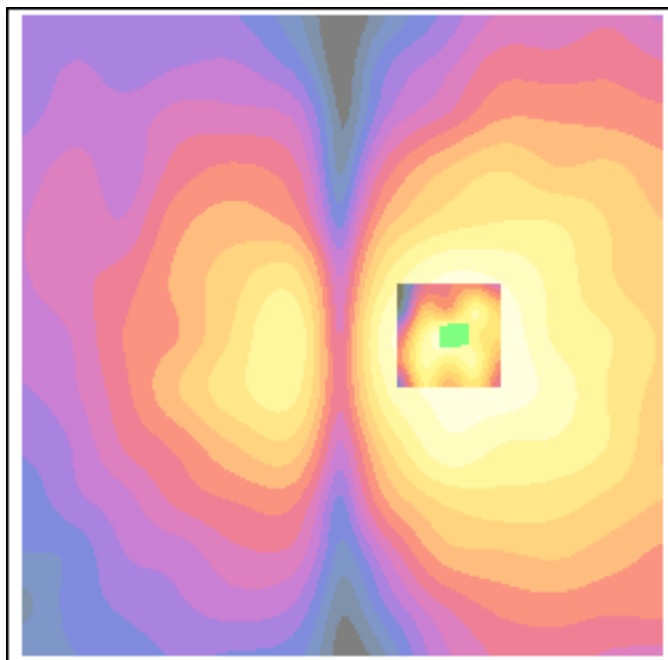
Cursor:

ABM1/ABM2 = 36.6 dB

ABM1 comp = -9.77 dB A/m

BWC Factor = 0.15103 dB

Location: -8.3, 0.2, 3.7 mm



0 dB = 66.7

Test Laboratory: KWC

Date: 1/25/2010

TCoil_FCC_PCS_S2300 Tri_012510

Communication System: CDMA-1900, Frequency: 1908.75 MHz, Duty Cycle: 1:1
Medium: Air, Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³
Phantom: HAC Test Arch with AMCC, Phantom section: TCoil Section

DASY4 Configuration:

Probe: AM1DV2 - 1045, , Calibrated: 9/22/2009
Sensor-Surface: 0mm (Fix Surface),
Electronics: DAE4 Sn602, Calibrated: 6/17/2009
Measurement SW: DASY4, V4.7 Build 80
Postprocessing SW: SEMCAD, V1.8 Build 186
Temperature: Room T = 21.8 ± 1 deg C, Liquid T = 22.0 ± 1 deg C

General Scans_1175/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

Measurement grid: dx=10mm, dy=10mm
Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav
BWC applied: 0.15103 dB
Device Reference Point: 0.000, 0.000, -6.30 mm

Cursor:

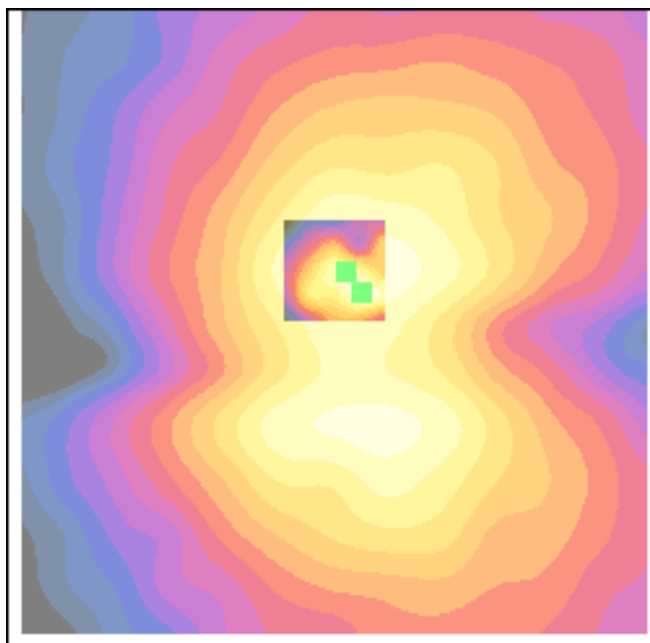
ABM1/ABM2 = 46.3 dB
ABM1 comp = -8.68 dB A/m
BWC Factor = 0.15103 dB
Location: -0.8, -4.2, 3.7 mm

General Scans_1175/y (transversal) fine 2mm 8 x 8/ABM Interpolated SNR(x,y,z) (41x41x1):

Measurement grid: dx=10mm, dy=10mm
Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav
BWC applied: 0.15103 dB
Device Reference Point: 0.000, 0.000, -6.30 mm

Cursor:

ABM1/ABM2 = 46.4 dB
ABM1 comp = -10.2 dB A/m
BWC Factor = 0.15103 dB
Location: -2.2, -2.4, 3.7 mm



0 dB = 207.5