

**#01 T-Coil\_GSM850 Ch128\_Axial (Z)**

**DUT: 971509-01**

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:8.3

Medium: Air Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1$  kg/m<sup>3</sup>

Ambient Temperature : 22.8

DASY4 Configuration:

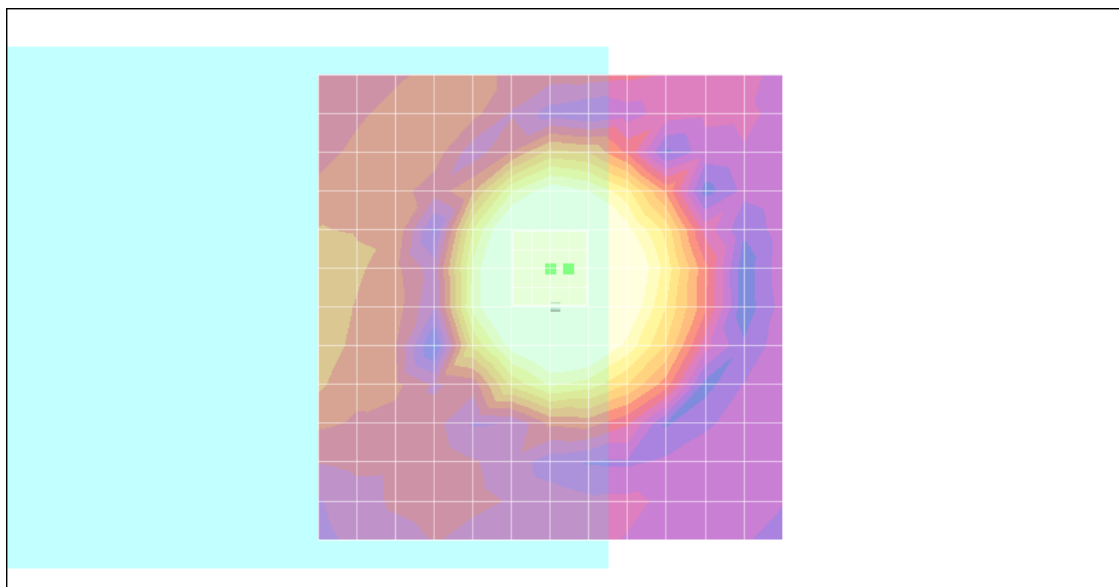
- Probe: AM1DV2 - 1038; ; Calibrated: 2009/1/12
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Scans/z (axial) fine 2mm 8 x 8/ABM SNR(x,y,z) (5x5x1):**

ABM1/ABM2 = 31.8 dB

ABM1 comp = 9.95 dB A/m

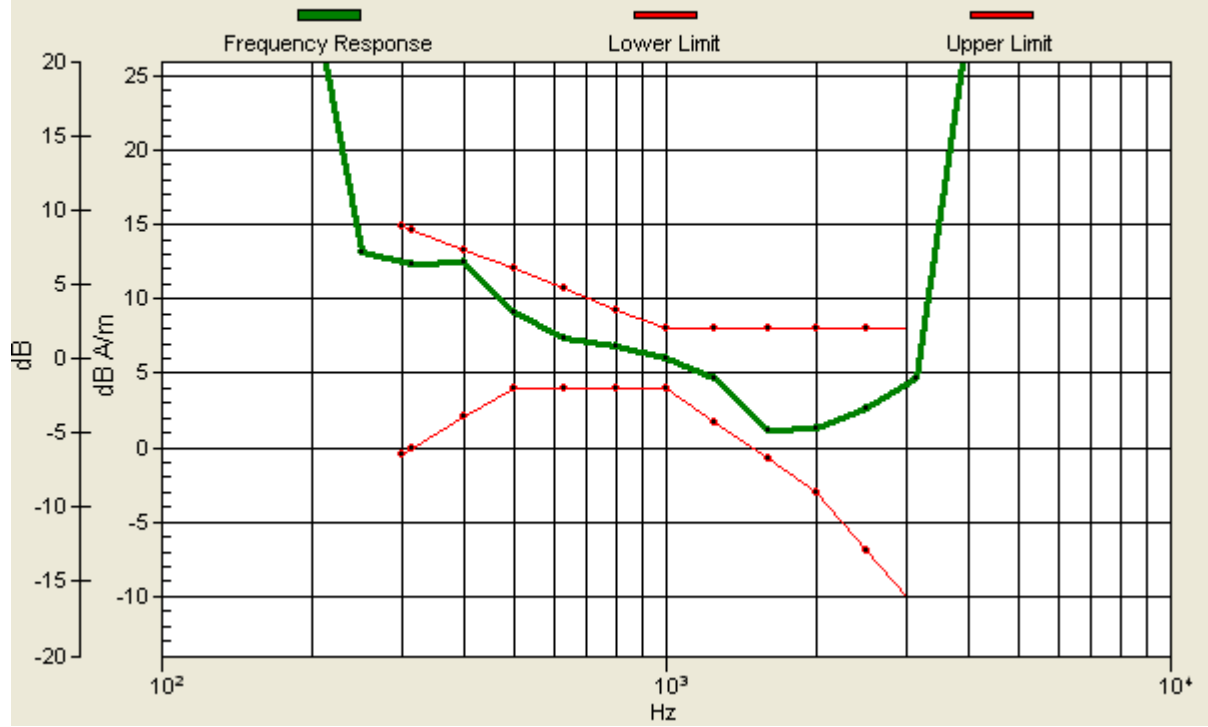
Location: -2, -4.2, 3.7 mm



0 dB = 1.00A/m

# Scans/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)

Loc: -2, -4.2, 3.7 mm Diff: 0.79dB



## #01 T-Coil\_GSM850 Ch128\_Radial 1 (X)

**DUT: 971509-01**

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:8.3

Medium: Air Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1$  kg/m<sup>3</sup>

Ambient Temperature : 22.8

DASY4 Configuration:

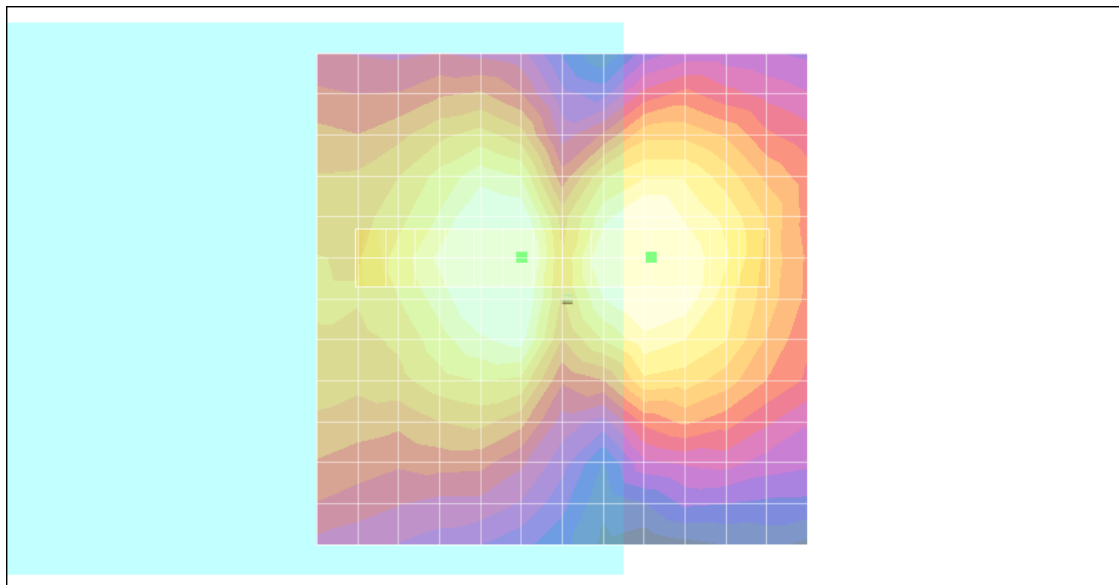
- Probe: AM1DV2 - 1038; ; Calibrated: 2009/1/12
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

### Scans/x (longitudinal) fine 3mm 42 x 6/ABM SNR(x,y,z) (15x3x1):

ABM1/ABM2 = 24.7 dB

ABM1 comp = 1.92 dB A/m

Location: -9, -4.2, 3.7 mm



0 dB = 1.00A/m

**#01 T-Coil\_GSM850 Ch128\_Radial 2 (Y)**

**DUT: 971509-01**

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:8.3

Medium: Air Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1$  kg/m<sup>3</sup>

Ambient Temperature : 22.8

DASY4 Configuration:

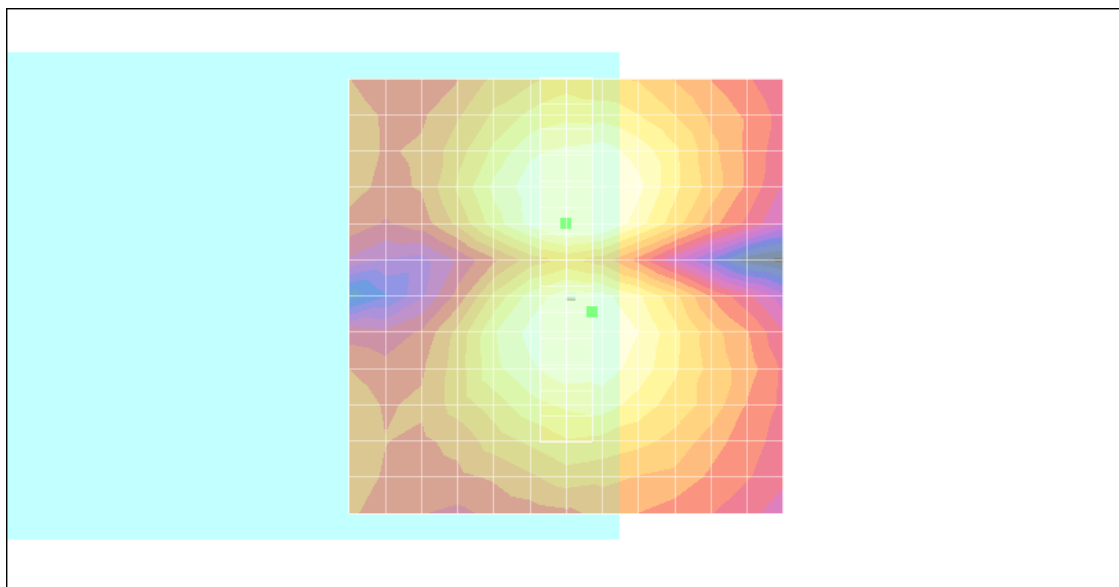
- Probe: AM1DV2 - 1038; ; Calibrated: 2009/1/12
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Scans/y (transversal) fine 3mm 6 x 42/ABM SNR(x,y,z) (3x15x1):**

ABM1/ABM2 = 34.5 dB

ABM1 comp = 1.19 dB A/m

Location: -3, 1.8, 3.7 mm



0 dB = 1.00A/m

**#02 T-Coil\_GSM850 Ch189\_Axial (Z)**

**DUT: 971509-01**

Communication System: GSM850; Frequency: 836.4 MHz; Duty Cycle: 1:8.3

Medium: Air Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1$  kg/m<sup>3</sup>

Ambient Temperature : 22.8

DASY4 Configuration:

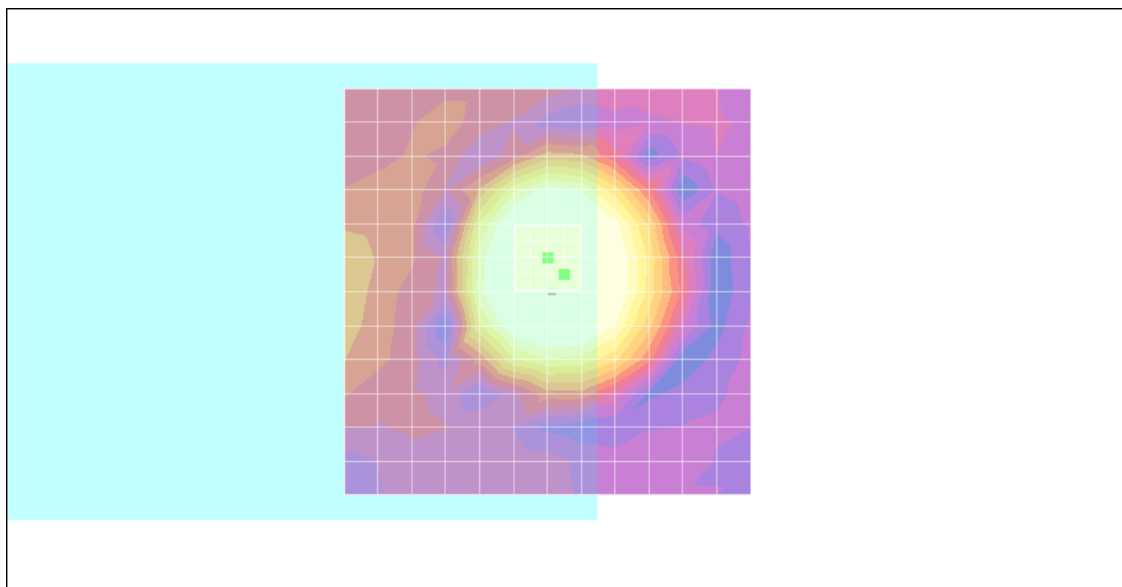
- Probe: AM1DV2 - 1038; ; Calibrated: 2009/1/12
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Scans/z (axial) fine 2mm 8 x 8/ABM SNR(x,y,z) (5x5x1):**

ABM1/ABM2 = 30.9 dB

ABM1 comp = 9.53 dB A/m

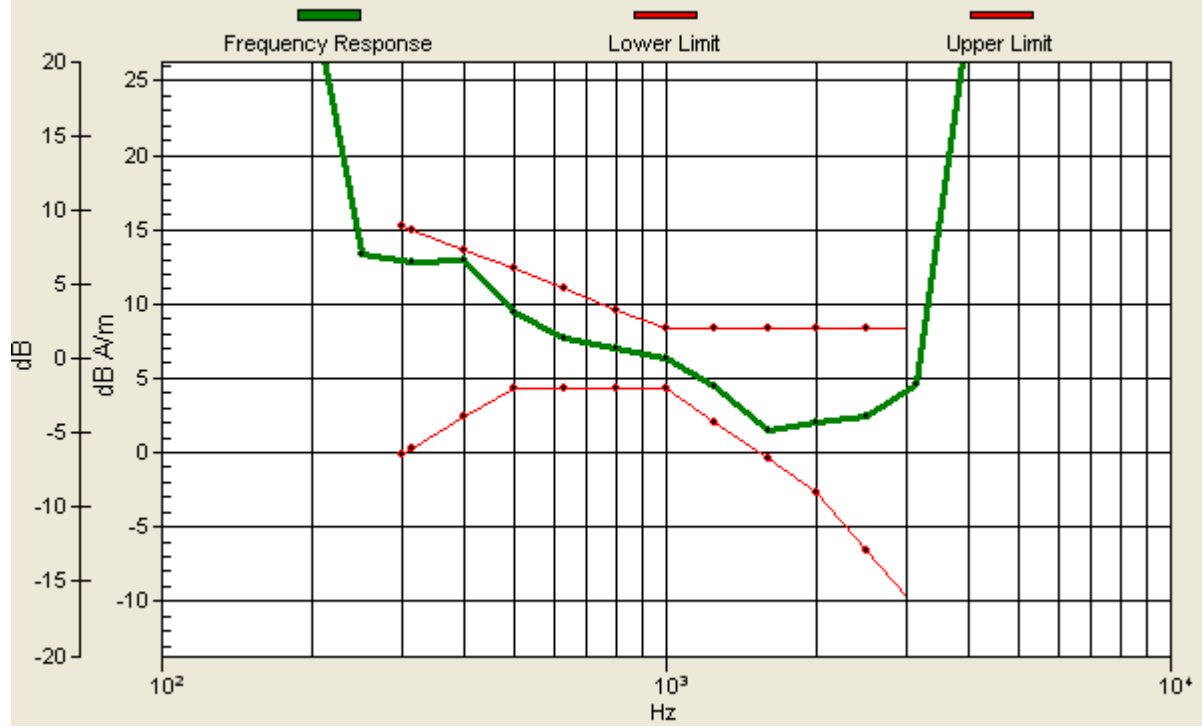
Location: -2, -2.2, 3.7 mm



0 dB = 1.00A/m

# Scans/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)

Loc: -2, -2.2, 3.7 mm Diff: 0.66dB



**#02 T-Coil\_GSM850 Ch189\_Radial 1 (X)**

**DUT: 971509-01**

Communication System: GSM850; Frequency: 836.4 MHz; Duty Cycle: 1:8.3

Medium: Air Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1$  kg/m<sup>3</sup>

Ambient Temperature : 22.8

DASY4 Configuration:

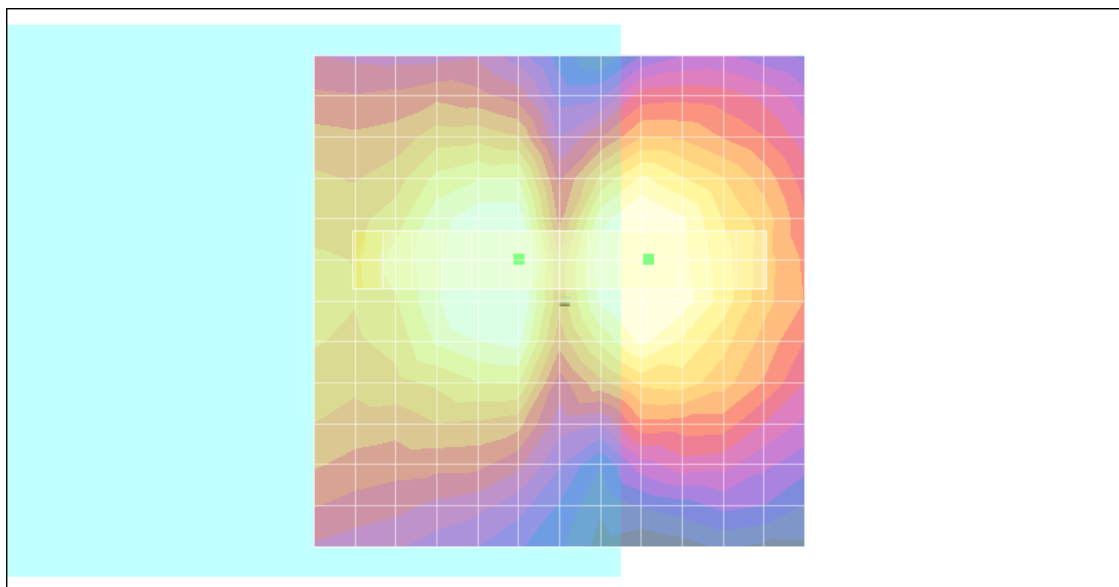
- Probe: AM1DV2 - 1038; ; Calibrated: 2009/1/12
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Scans/x (longitudinal) fine 3mm 42 x 6/ABM SNR(x,y,z) (15x3x1):**

ABM1/ABM2 = 24.1 dB

ABM1 comp = 2.06 dB A/m

Location: -9, -4.2, 3.7 mm



0 dB = 1.00A/m

## #02 T-Coil\_GSM850 Ch189\_Radial 2 (Y)

**DUT: 971509-01**

Communication System: GSM850; Frequency: 836.4 MHz; Duty Cycle: 1:8.3

Medium: Air Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1$  kg/m<sup>3</sup>

Ambient Temperature : 22.8

DASY4 Configuration:

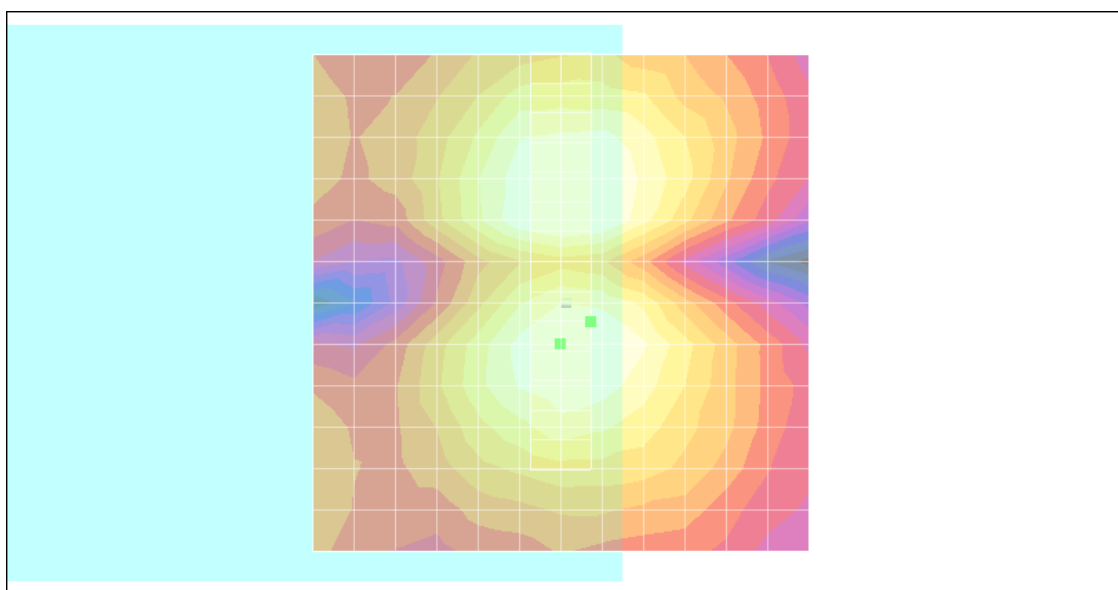
- Probe: AM1DV2 - 1038; ; Calibrated: 2009/1/12
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

### Scans/y (transversal) fine 3mm 6 x 42/ABM SNR(x,y,z) (3x15x1):

ABM1/ABM2 = 34.4 dB

ABM1 comp = 0.922 dB A/m

Location: -3, 1.8, 3.7 mm



0 dB = 1.00A/m



**#03 T-Coil\_GSM850 Ch251\_Axial (Z)**

**DUT: 971509-01**

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:8.3

Medium: Air Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1$  kg/m<sup>3</sup>

Ambient Temperature : 22.8

DASY4 Configuration:

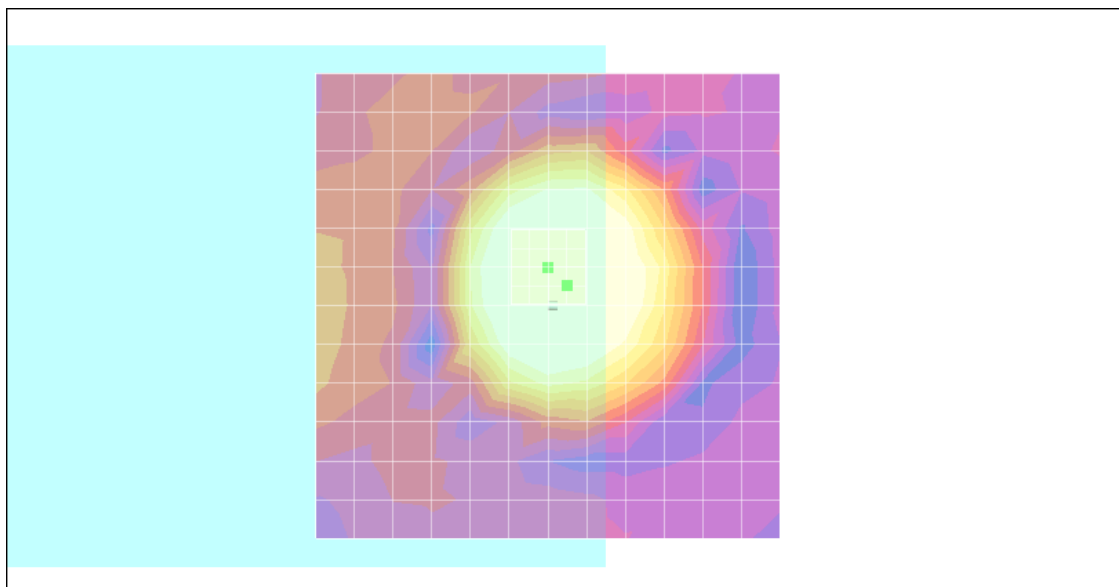
- Probe: AM1DV2 - 1038; ; Calibrated: 2009/1/12
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Scans/z (axial) fine 2mm 8 x 8/ABM SNR(x,y,z) (5x5x1):**

ABM1/ABM2 = 31.2 dB

ABM1 comp = 9.72 dB A/m

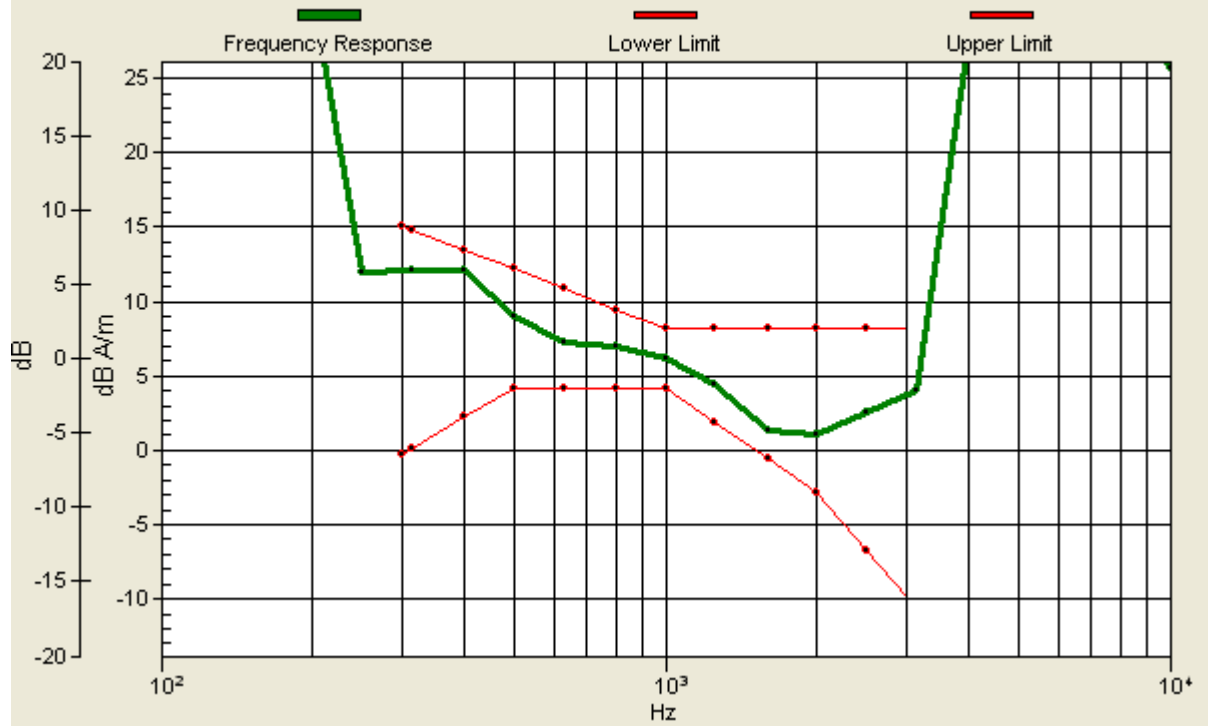
Location: -2, -2.2, 3.7 mm



0 dB = 1.00A/m

# Scans/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)

Loc: -2, -2.2, 3.7 mm Diff: 1.32dB



### #03 T-Coil\_GSM850 Ch251\_Radial 1 (X)

**DUT: 971509-01**

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:8.3

Medium: Air Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1$  kg/m<sup>3</sup>

Ambient Temperature : 22.8

DASY4 Configuration:

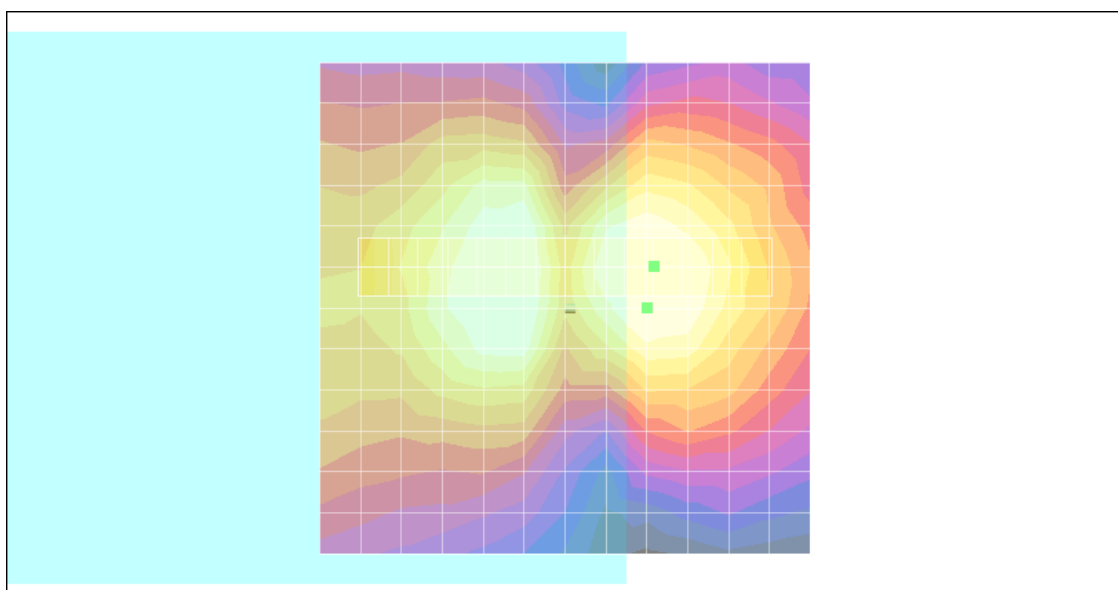
- Probe: AM1DV2 - 1038; ; Calibrated: 2009/1/12
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

#### Scans/x (longitudinal) fine 3mm 42 x 6/ABM SNR(x,y,z) (15x3x1):

ABM1/ABM2 = 23.2 dB

ABM1 comp = 1.09 dB A/m

Location: -9, -4.2, 3.7 mm



0 dB = 1.00A/m

**#03 T-Coil\_GSM850 Ch251\_Radial 2 (Y)**

**DUT: 971509-01**

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:8.3

Medium: Air Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1$  kg/m<sup>3</sup>

Ambient Temperature : 22.8

DASY4 Configuration:

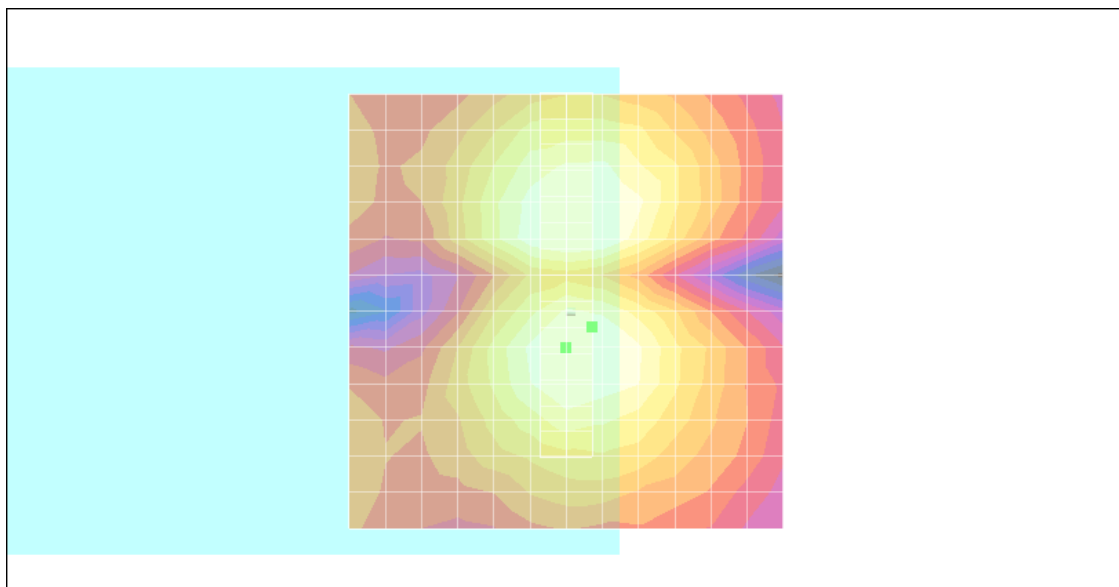
- Probe: AM1DV2 - 1038; ; Calibrated: 2009/1/12
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Scans/y (transversal) fine 3mm 6 x 42/ABM SNR(x,y,z) (3x15x1):**

ABM1/ABM2 = 34.1 dB

ABM1 comp = 0.972 dB A/m

Location: -3, 1.8, 3.7 mm



0 dB = 1.00A/m

**#04 T-Coil\_GSM1900 Ch512\_Axial (Z)**

**DUT: 971509-01**

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium: Air Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1$  kg/m<sup>3</sup>

Ambient Temperature : 22.8

DASY4 Configuration:

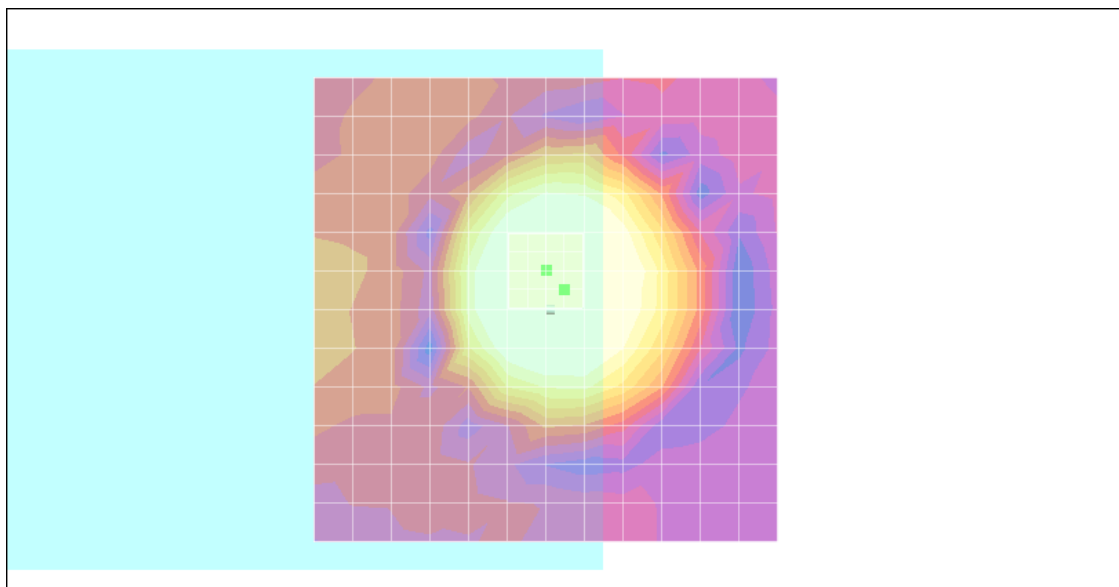
- Probe: AM1DV2 - 1038; ; Calibrated: 2009/1/12
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Scans/z (axial) fine 2mm 8 x 8/ABM SNR(x,y,z) (5x5x1):**

ABM1/ABM2 = 32.9 dB

ABM1 comp = 9.86 dB A/m

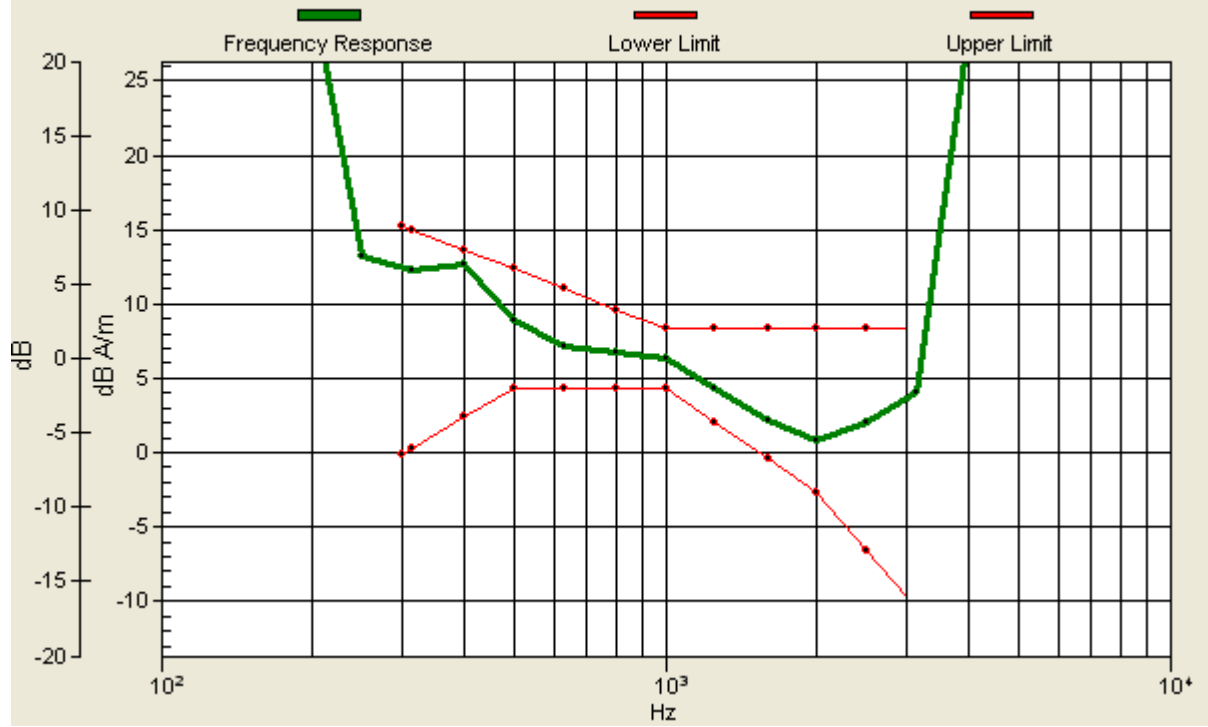
Location: -2, -2.2, 3.7 mm



0 dB = 1.00A/m

# Scans/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)

Loc: -2, -2.2, 3.7 mm Diff: 0.97dB



### #04 T-Coil\_GSM1900 Ch512\_Radial 1 (X)

**DUT: 971509-01**

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium: Air Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1$  kg/m<sup>3</sup>

Ambient Temperature : 22.8

DASY4 Configuration:

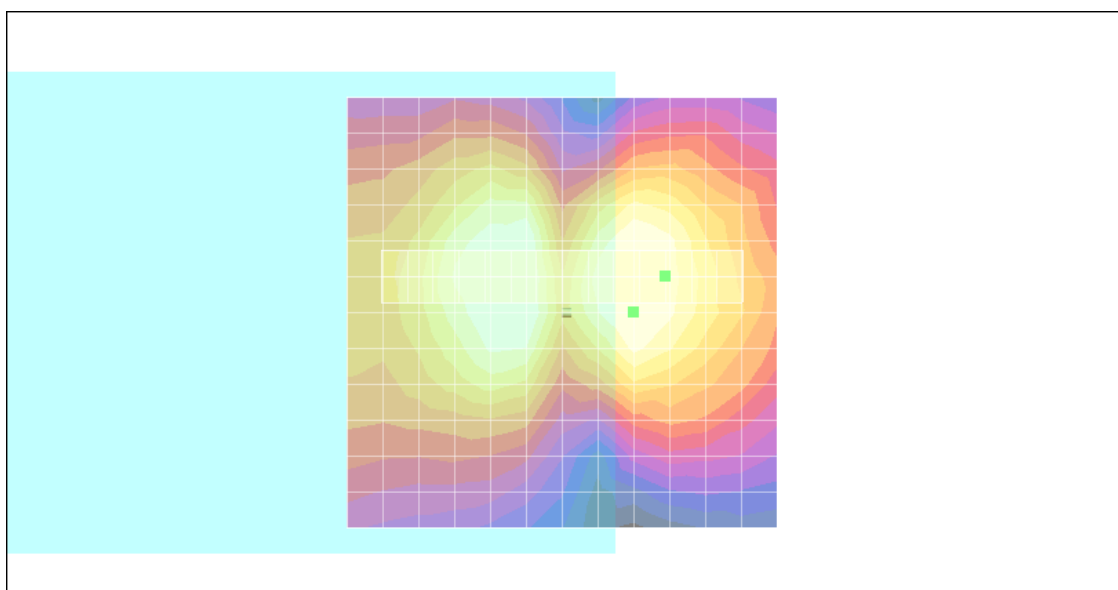
- Probe: AM1DV2 - 1038; ; Calibrated: 2009/1/12
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

### Scans/x (longitudinal) fine 3mm 42 x 6/ABM SNR(x,y,z) (15x3x1):

ABM1/ABM2 = 26.4 dB

ABM1 comp = 0.377 dB A/m

Location: -12, -4.2, 3.7 mm



0 dB = 1.00A/m

### #04 T-Coil\_GSM1900 Ch512\_Radial 2 (Y)

**DUT: 971509-01**

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium: Air Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1$  kg/m<sup>3</sup>

Ambient Temperature : 22.8

DASY4 Configuration:

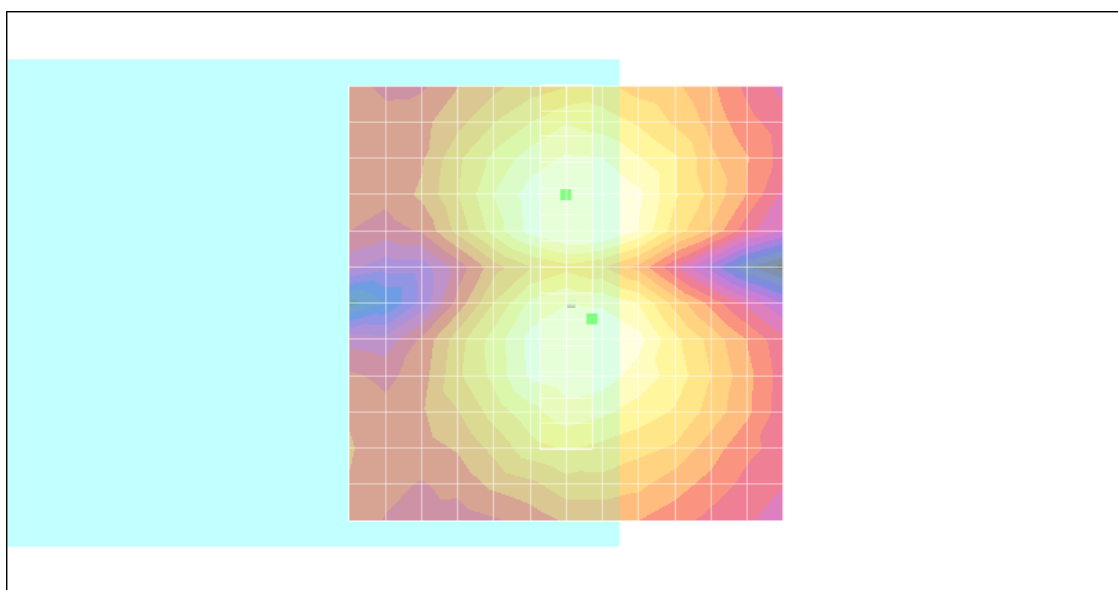
- Probe: AM1DV2 - 1038; ; Calibrated: 2009/1/12
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

### Scans/y (transversal) fine 3mm 6 x 42/ABM SNR(x,y,z) (3x15x1):

ABM1/ABM2 = 34.7 dB

ABM1 comp = 0.969 dB A/m

Location: -3, 1.8, 3.7 mm



0 dB = 1.00A/m



## #05 T-Coil\_GSM1900 Ch661\_Axial (Z)

**DUT: 971509-01**

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:8.3  
Medium: Air Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1$  kg/m<sup>3</sup>  
Ambient Temperature : 22.8

DASY4 Configuration:

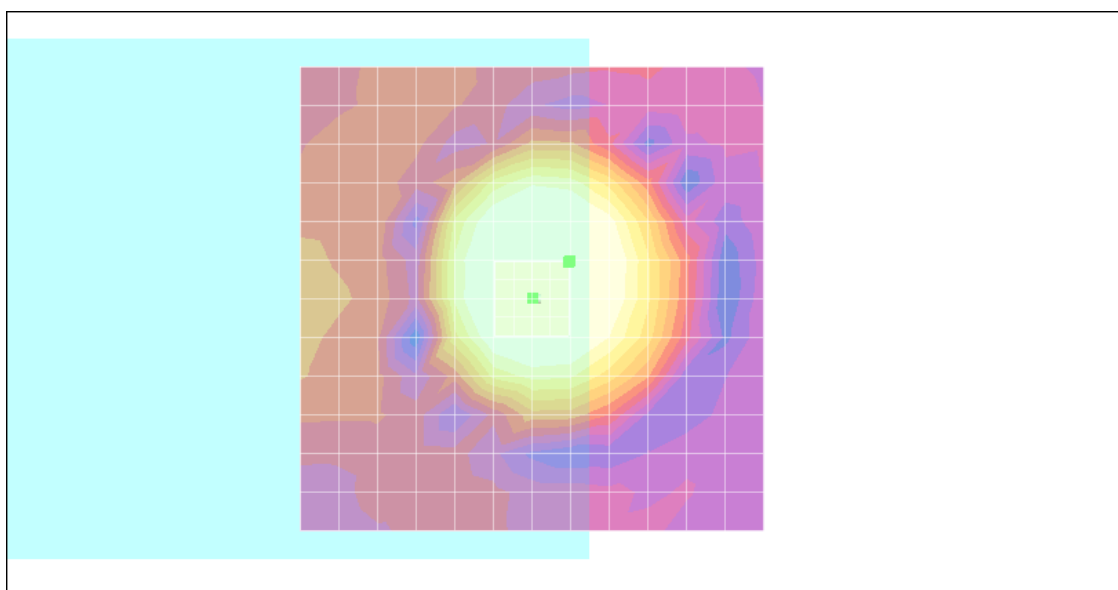
- Probe: AM1DV2 - 1038; ; Calibrated: 2009/1/12
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

### Scans/z (axial) fine 2mm 8 x 8/ABM SNR(x,y,z) (5x5x1):

ABM1/ABM2 = 32.7 dB

ABM1 comp = 8.62 dB A/m

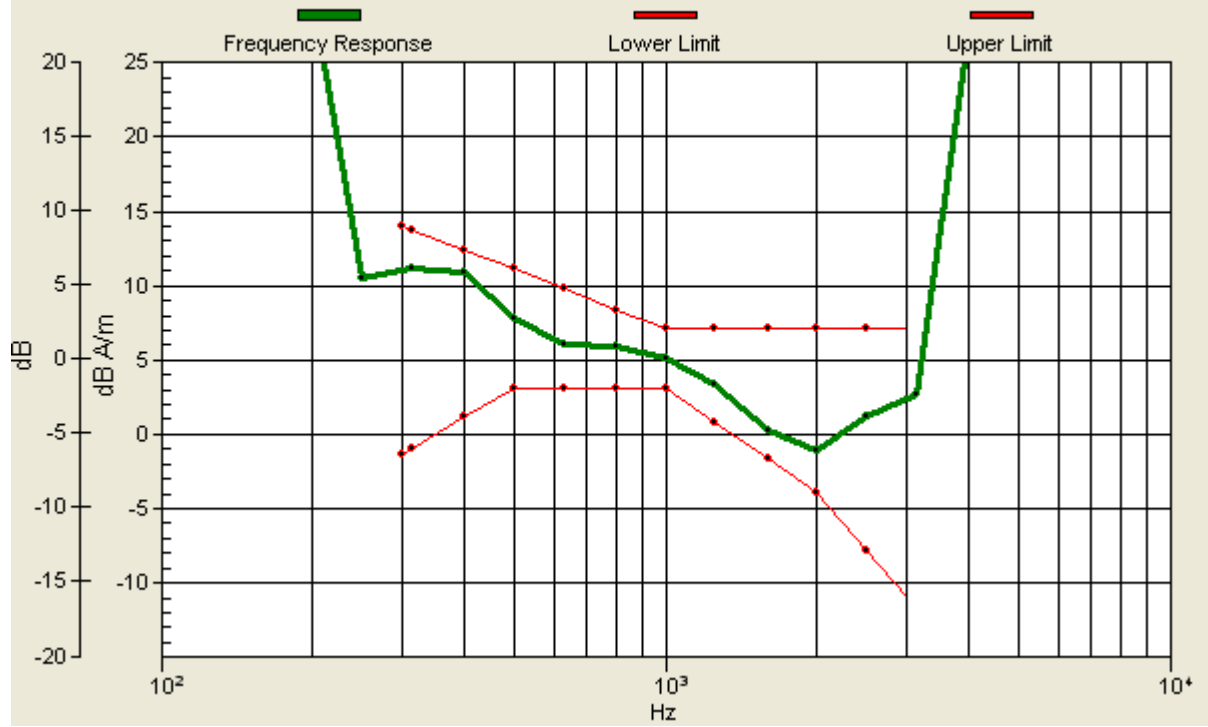
Location: -4, -4, 3.7 mm



0 dB = 1.00A/m

# Scans/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)

Loc: -4, -4, 3.7 mm Diff: 1.51dB



**#05 T-Coil\_GSM1900 Ch661\_Radial 1 (X)**

**DUT: 971509-01**

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:8.3  
Medium: Air Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1$  kg/m<sup>3</sup>  
Ambient Temperature : 22.8

DASY4 Configuration:

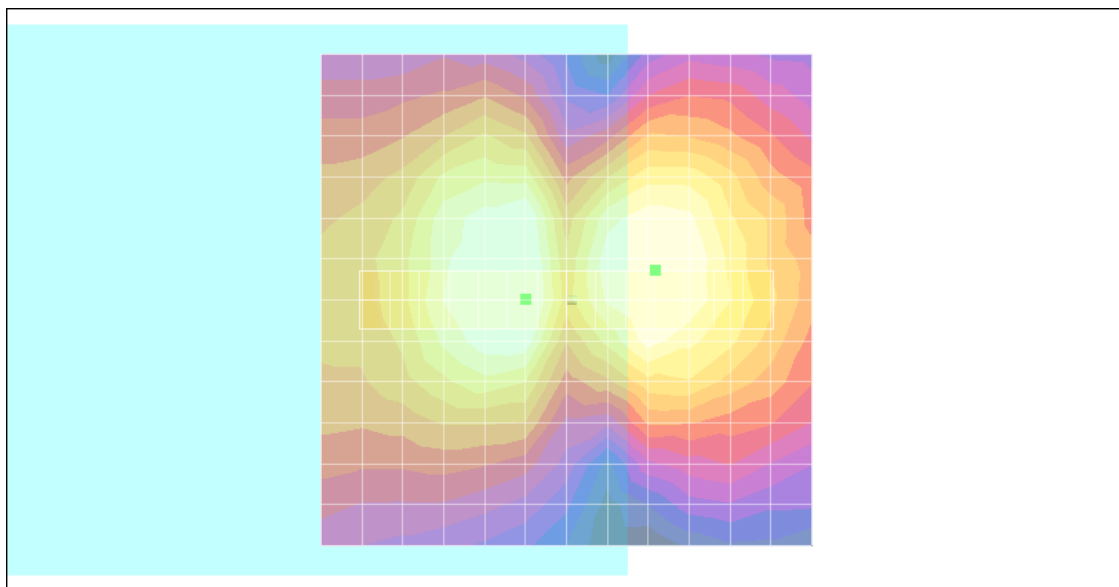
- Probe: AM1DV2 - 1038; ; Calibrated: 2009/1/12
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Scans/x (longitudinal) fine 3mm 42 x 6/ABM SNR(x,y,z) (15x3x1):**

ABM1/ABM2 = 27.3 dB

ABM1 comp = 2.57 dB A/m

Location: -9, -3, 3.7 mm



0 dB = 1.00A/m

**#05 T-Coil\_GSM1900 Ch661\_Radial 2 (Y)**

**DUT: 971509-01**

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:8.3  
Medium: Air Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1$  kg/m<sup>3</sup>  
Ambient Temperature : 22.8

DASY4 Configuration:

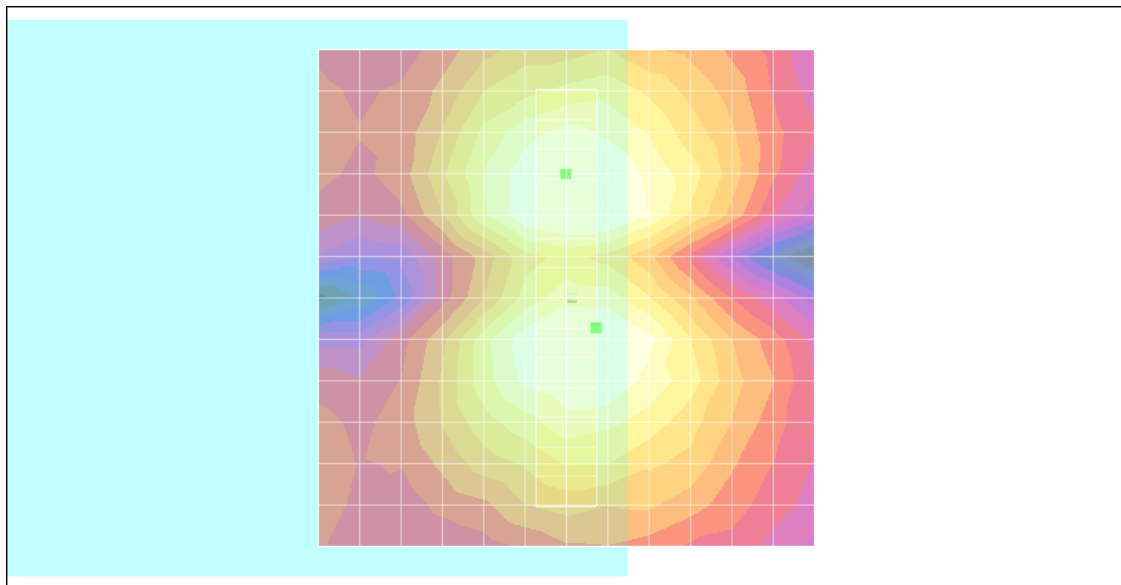
- Probe: AM1DV2 - 1038; ; Calibrated: 2009/1/12
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Scans/y (transversal) fine 3mm 6 x 42/ABM SNR(x,y,z) (3x15x1):**

ABM1/ABM2 = 33.7 dB

ABM1 comp = 0.411 dB A/m

Location: -3, 3, 3.7 mm



0 dB = 1.00A/m

**#06 T-Coil\_GSM1900 Ch810\_Axial (Z)**

**DUT: 971509-01**

Communication System: PCS; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

Medium: Air Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1$  kg/m<sup>3</sup>

Ambient Temperature : 22.8

DASY4 Configuration:

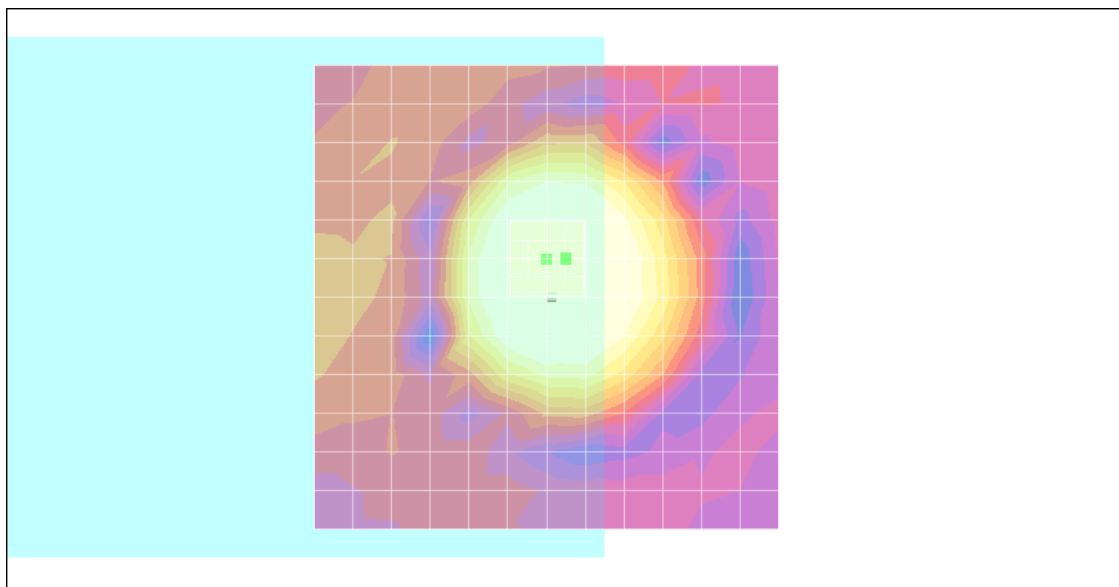
- Probe: AM1DV2 - 1038; ; Calibrated: 2009/1/12
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Scans/z (axial) fine 2mm 8 x 8/ABM SNR(x,y,z) (5x5x1):**

ABM1/ABM2 = 33.4 dB

ABM1 comp = 9.35 dB A/m

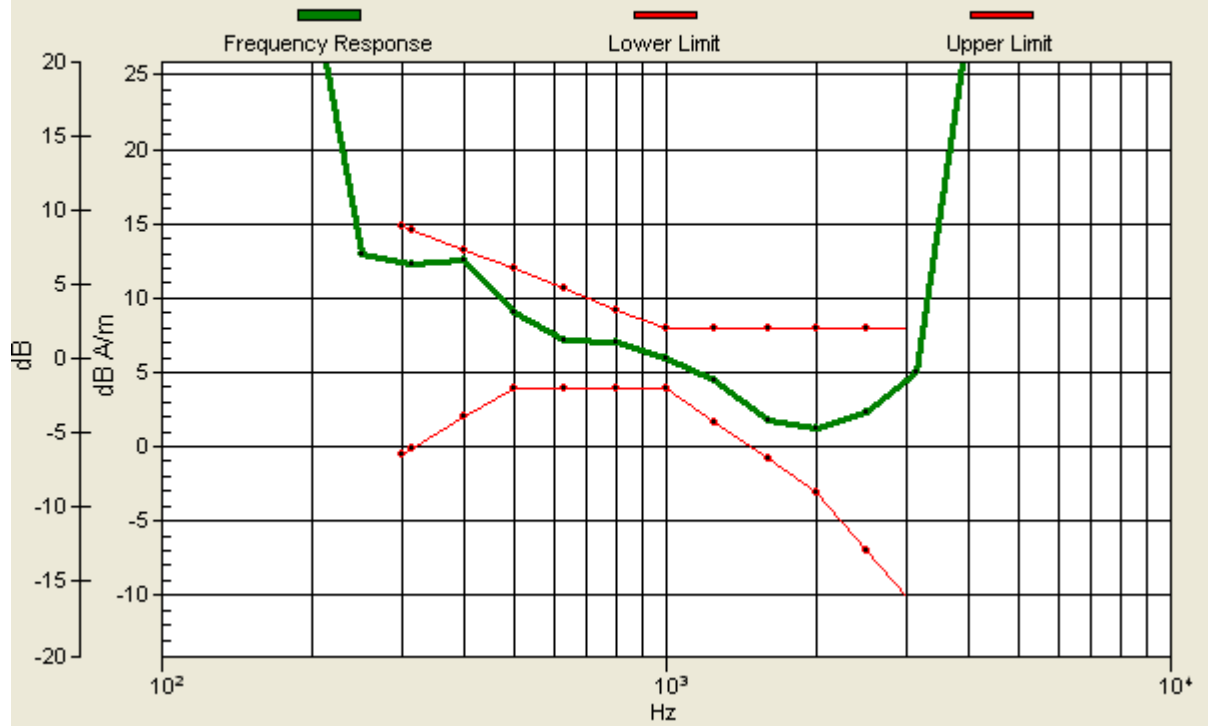
Location: -2, -4.2, 3.7 mm



0 dB = 1.00A/m

# Scans/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)

Loc: -2, -4.2, 3.7 mm Diff: 0.68dB



**#06 T-Coil\_GSM1900 Ch810\_Radial 1 (X)**

**DUT: 971509-01**

Communication System: PCS; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

Medium: Air Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1$  kg/m<sup>3</sup>

Ambient Temperature : 22.8

DASY4 Configuration:

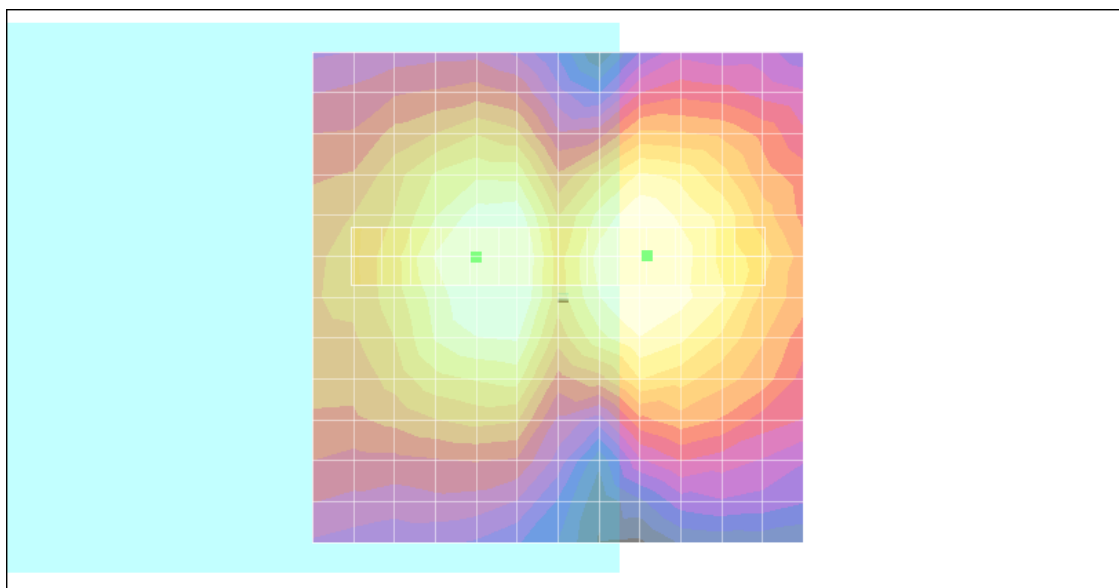
- Probe: AM1DV2 - 1038; ; Calibrated: 2009/1/12
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Scans/x (longitudinal) fine 3mm 42 x 6/ABM SNR(x,y,z) (15x3x1):**

ABM1/ABM2 = 28.1 dB

ABM1 comp = 2.48 dB A/m

Location: -9, -4.2, 3.7 mm



0 dB = 1.00A/m

**#06 T-Coil\_GSM1900 Ch810\_Radial 2 (Y)**

**DUT: 971509-01**

Communication System: PCS; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

Medium: Air Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1$  kg/m<sup>3</sup>

Ambient Temperature : 22.8

DASY4 Configuration:

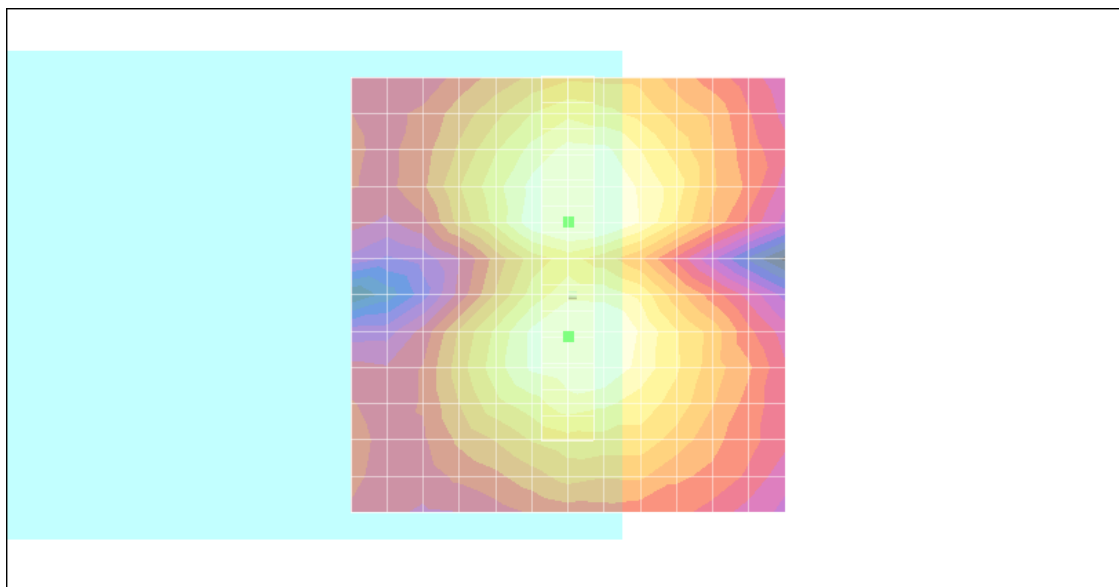
- Probe: AM1DV2 - 1038; ; Calibrated: 2009/1/12
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Scans/y (transversal) fine 3mm 6 x 42/ABM SNR(x,y,z) (3x15x1):**

ABM1/ABM2 = 34.5 dB

ABM1 comp = 1.82 dB A/m

Location: 0, 4.8, 3.7 mm



0 dB = 1.00A/m



### #07 T-Coil\_WCDMA V Ch4132\_Axial (Z)

**DUT: 971509-01**

Communication System: WCDMA; Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium: Air Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1$  kg/m<sup>3</sup>

Ambient Temperature : 22.5

DASY4 Configuration:

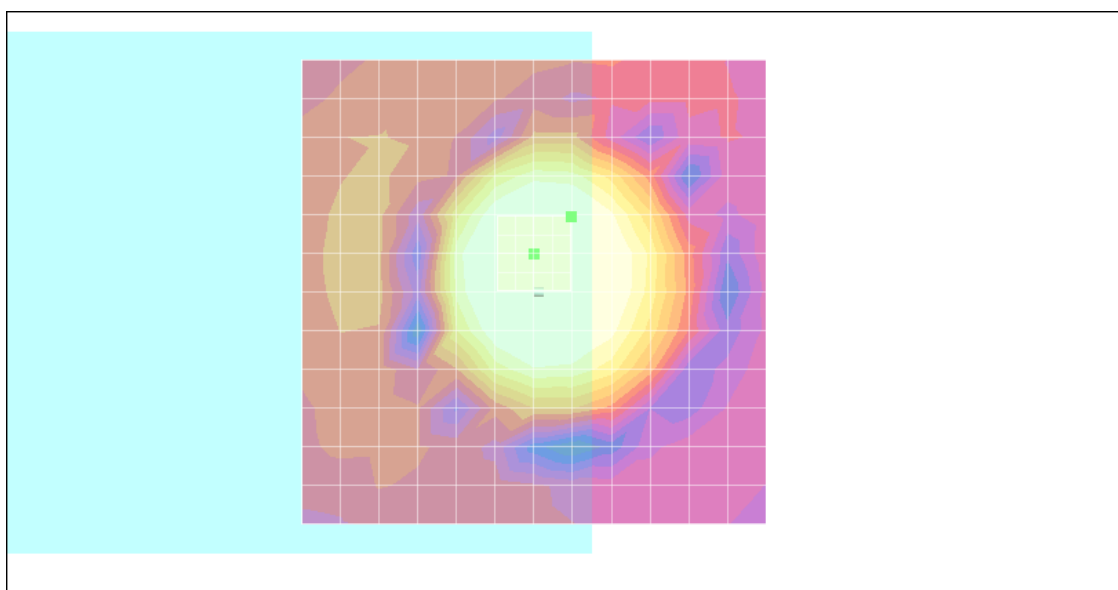
- Probe: AM1DV2 - 1038; ; Calibrated: 2009/1/12
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

#### Scans/z (axial) fine 2mm 8 x 8/ABM SNR(x,y,z) (5x5x1):

ABM1/ABM2 = 33.2 dB

ABM1 comp = 4.98 dB A/m

Location: -4, -8.2, 3.7 mm



0 dB = 1.00A/m

# Scans/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)

Loc: -4, -8.2, 3.7 mm Diff: 0.79dB



**#07 T-Coil\_WCDMA V Ch4132\_Radial 1 (X)**

**DUT: 971509-01**

Communication System: WCDMA; Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium: Air Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1$  kg/m<sup>3</sup>

Ambient Temperature : 22.5

DASY4 Configuration:

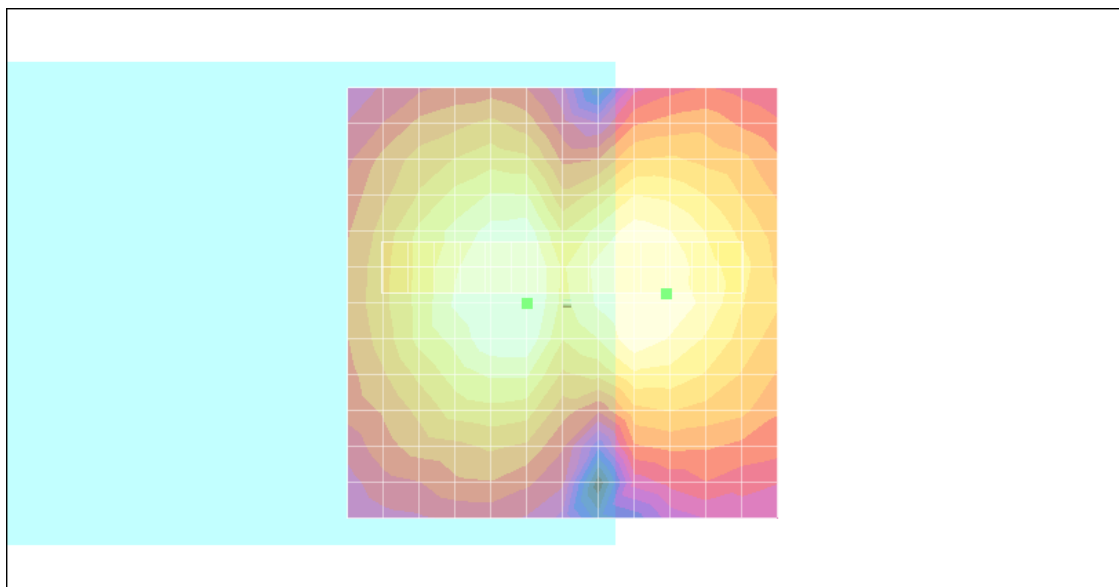
- Probe: AM1DV2 - 1038; ; Calibrated: 2009/1/12
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Scans/x (longitudinal) fine 3mm 42 x 6/ABM SNR(x,y,z) (15x3x1):**

ABM1/ABM2 = 33.0 dB

ABM1 comp = 0.577 dB A/m

Location: -12, -1.2, 3.7 mm



0 dB = 1.00A/m

**#07 T-Coil\_WCDMA V Ch4132\_Radial 2 (Y)**

**DUT: 971509-01**

Communication System: WCDMA; Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium: Air Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1$  kg/m<sup>3</sup>

Ambient Temperature : 22.5

DASY4 Configuration:

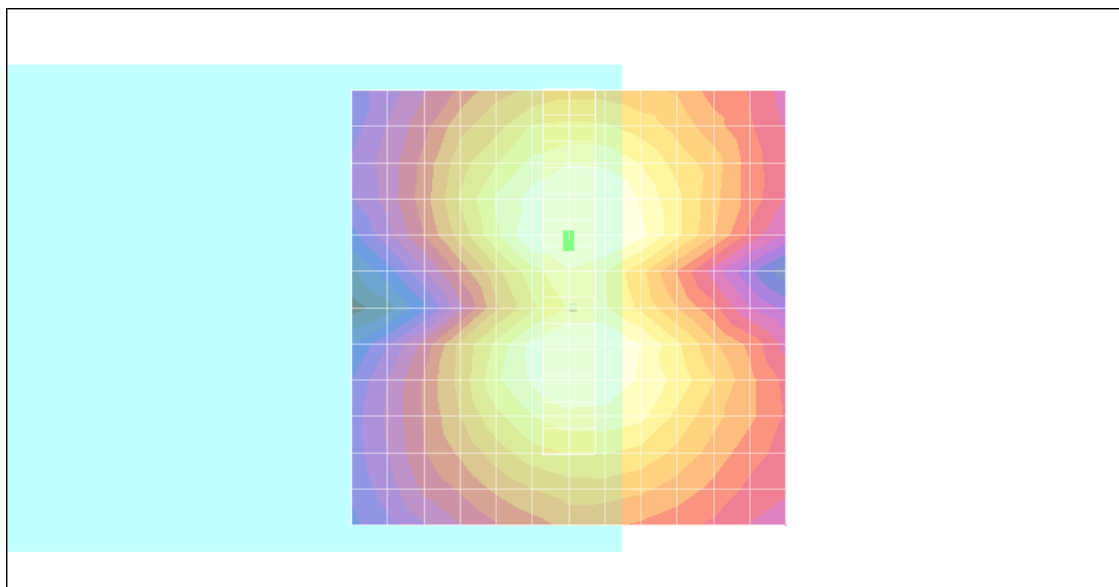
- Probe: AM1DV2 - 1038; ; Calibrated: 2009/1/12
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Scans/y (transversal) fine 3mm 6 x 42/ABM SNR(x,y,z) (3x15x1):**

ABM1/ABM2 = 32.6 dB

ABM1 comp = 2.42 dB A/m

Location: 0, -7.2, 3.7 mm



0 dB = 1.00A/m

**#08 T-Coil\_WCDMA V Ch4182\_Axial (Z)**

**DUT: 971509-01**

Communication System: WCDMA; Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium: Air Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1$  kg/m<sup>3</sup>

Ambient Temperature : 22.5

DASY4 Configuration:

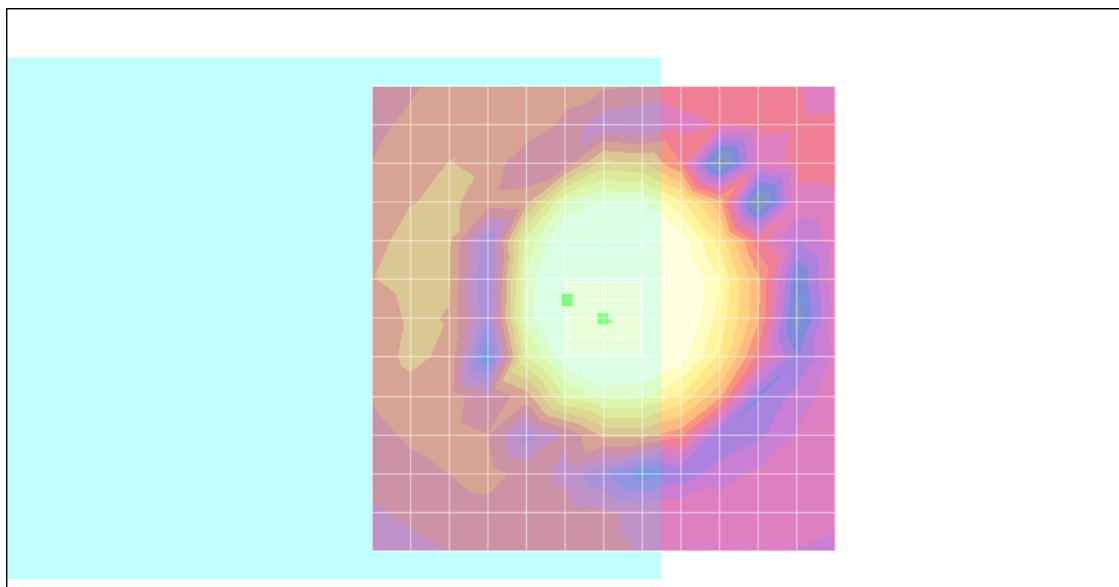
- Probe: AM1DV2 - 1038; ; Calibrated: 2009/1/12
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Scans/z (axial) fine 2mm 8 x 8/ABM SNR(x,y,z) (5x5x1):**

ABM1/ABM2 = 32.6 dB

ABM1 comp = 5.84 dB A/m

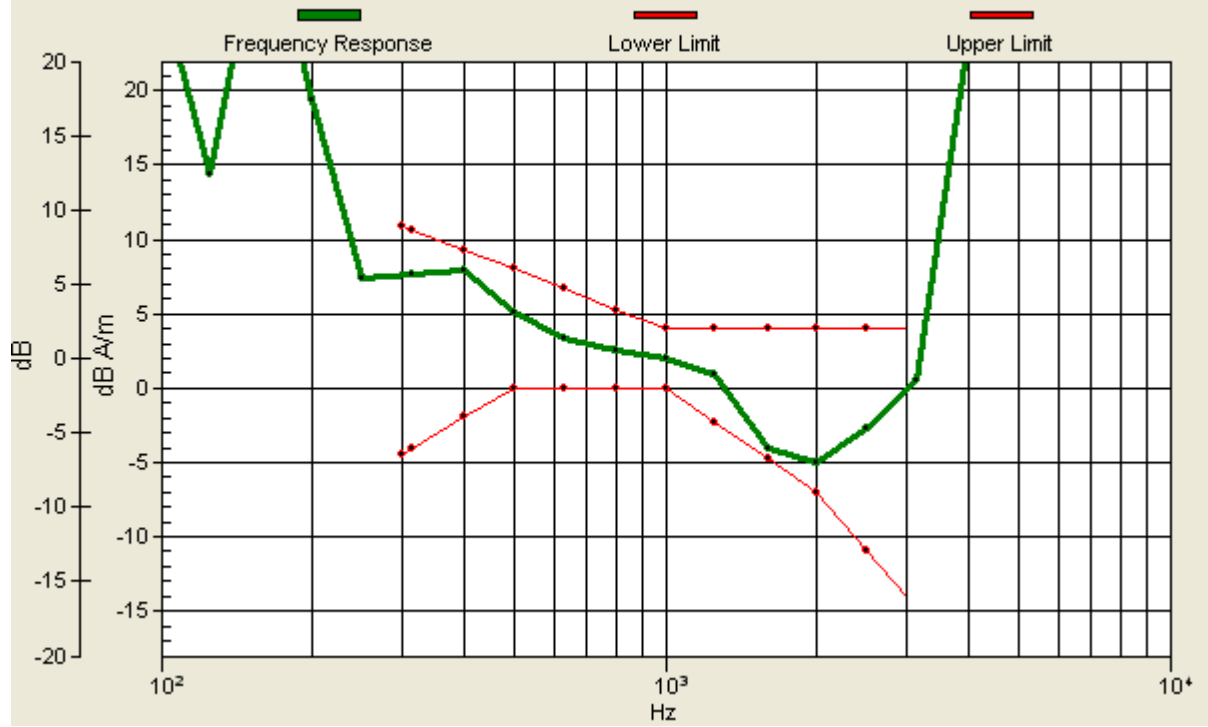
Location: 4, -2, 3.7 mm



0 dB = 1.00A/m

# Scans/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)

Loc: 4, -2, 3.7 mm Diff: 0.7dB



### #08 T-Coil\_WCDMA V Ch4182\_Radial 1 (X)

**DUT: 971509-01**

Communication System: WCDMA; Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium: Air Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1$  kg/m<sup>3</sup>

Ambient Temperature : 22.5

DASY4 Configuration:

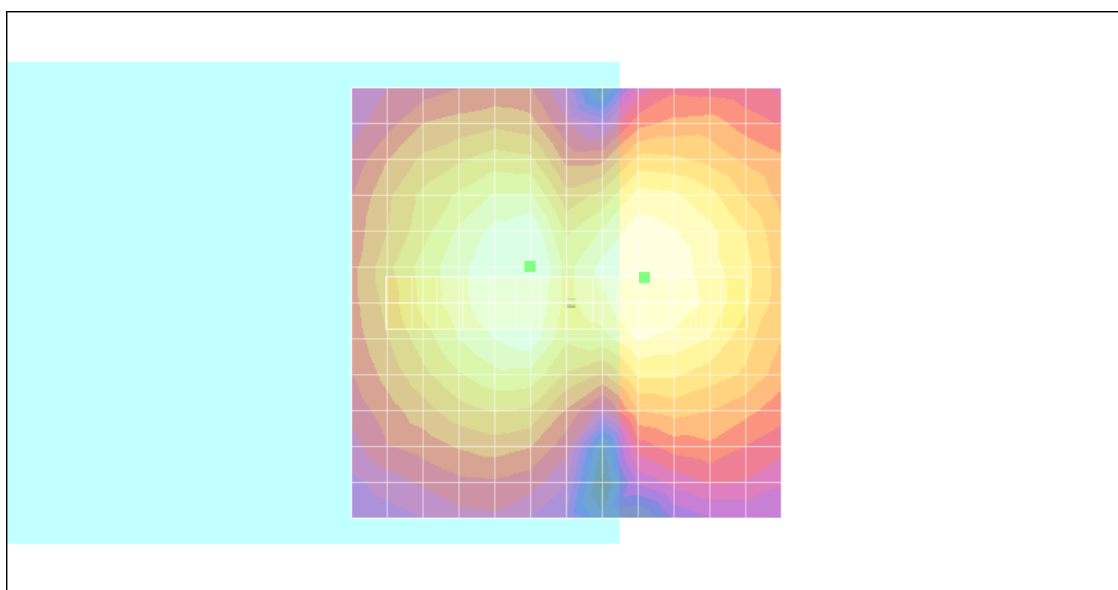
- Probe: AM1DV2 - 1038; ; Calibrated: 2009/1/12
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

### Scans/x (longitudinal) fine 3mm 42 x 6/ABM SNR(x,y,z) (15x3x1):

ABM1/ABM2 = 32.6 dB

ABM1 comp = 2.04 dB A/m

Location: -9, -3, 3.7 mm



0 dB = 1.00A/m

**#08 T-Coil\_WCDMA V Ch4182\_Radial 2 (Y)**

**DUT: 971509-01**

Communication System: WCDMA; Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium: Air Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1$  kg/m<sup>3</sup>

Ambient Temperature : 22.5

DASY4 Configuration:

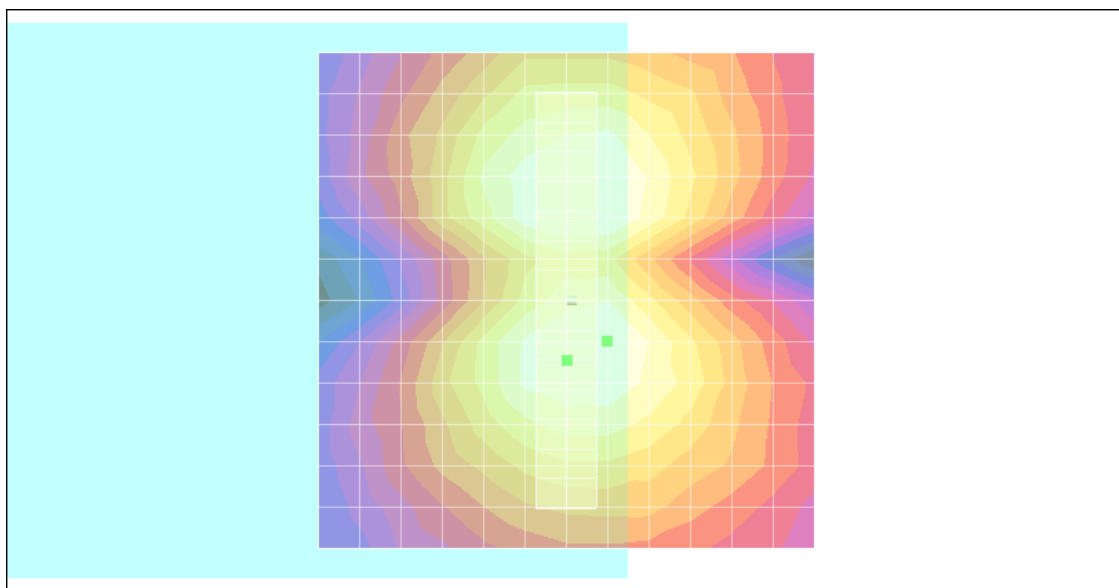
- Probe: AM1DV2 - 1038; ; Calibrated: 2009/1/12
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Scans/y (transversal) fine 3mm 6 x 42/ABM SNR(x,y,z) (3x15x1):**

ABM1/ABM2 = 32.2 dB

ABM1 comp = 1.58 dB A/m

Location: 0, 6, 3.7 mm



0 dB = 1.00A/m



### #09 T-Coil\_WCDMA V Ch4233\_Axial (Z)

**DUT: 971509-01**

Communication System: WCDMA; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: Air Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1$  kg/m<sup>3</sup>

Ambient Temperature : 22.5

DASY4 Configuration:

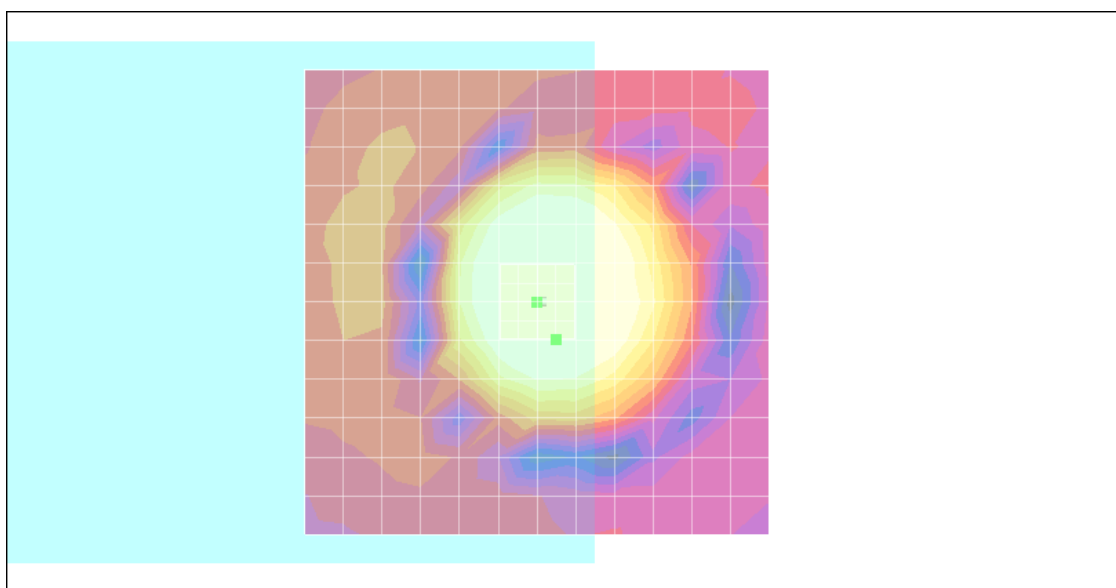
- Probe: AM1DV2 - 1038; ; Calibrated: 2009/1/12
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

#### Scans/z (axial) fine 2mm 8 x 8/ABM SNR(x,y,z) (5x5x1):

ABM1/ABM2 = 32.8 dB

ABM1 comp = 6.53 dB A/m

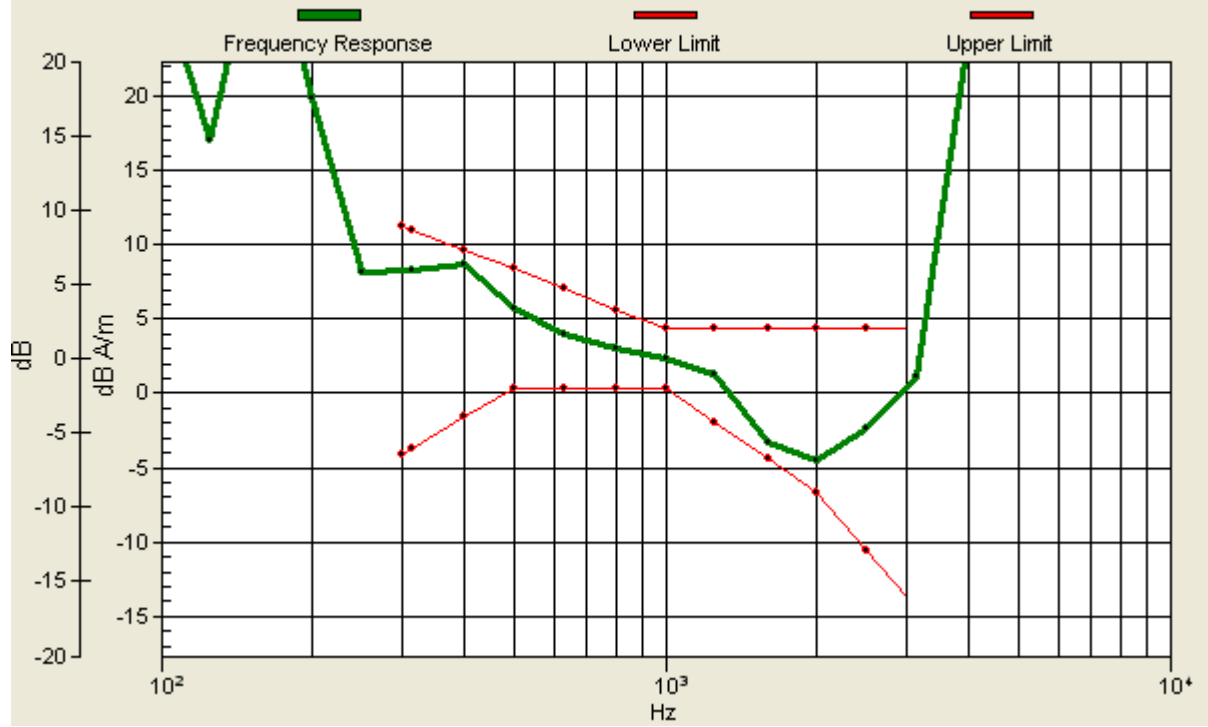
Location: -2, 4, 3.7 mm



0 dB = 1.00A/m

# Scans/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)

Loc: -2, 4, 3.7 mm Diff: 0.97dB



**#09 T-Coil\_WCDMA V Ch4233\_Radial 1 (X)**

**DUT: 971509-01**

Communication System: WCDMA; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: Air Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1$  kg/m<sup>3</sup>

Ambient Temperature : 22.5

DASY4 Configuration:

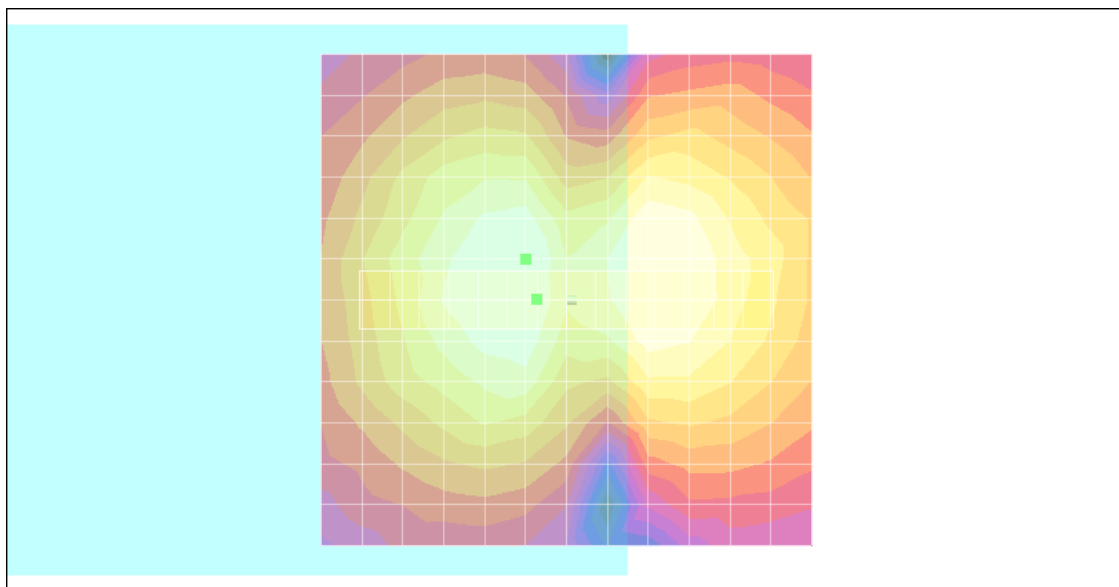
- Probe: AM1DV2 - 1038; ; Calibrated: 2009/1/12
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Scans/x (longitudinal) fine 3mm 42 x 6/ABM SNR(x,y,z) (15x3x1):**

ABM1/ABM2 = 32.5 dB

ABM1 comp = 1.75 dB A/m

Location: 3, 0, 3.7 mm



0 dB = 1.00A/m

**#09 T-Coil\_WCDMA V Ch4233\_Radial 2 (Y)**

**DUT: 971509-01**

Communication System: WCDMA; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: Air Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1$  kg/m<sup>3</sup>

Ambient Temperature : 22.5

DASY4 Configuration:

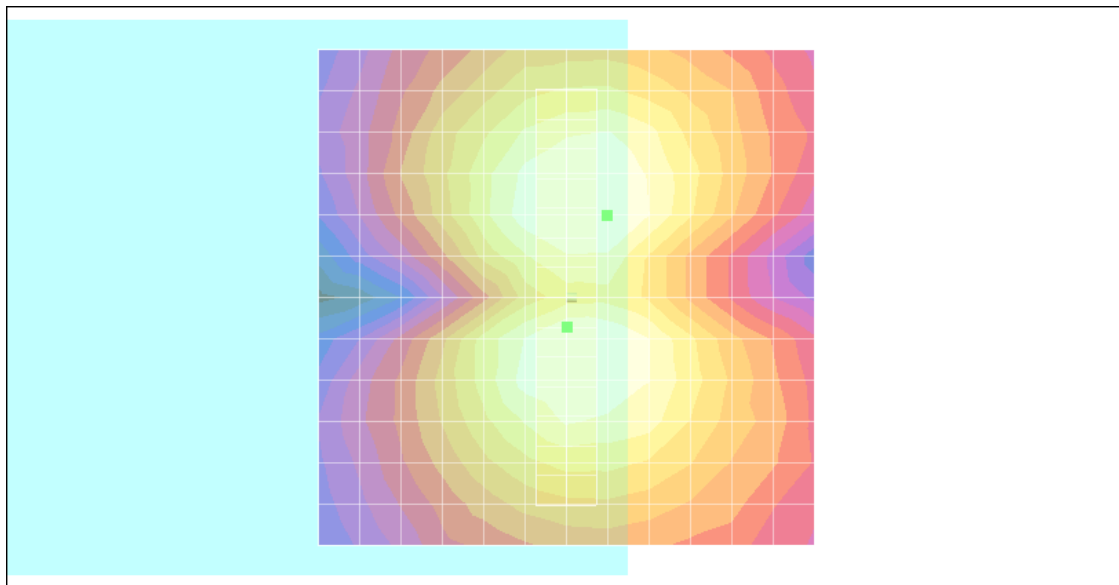
- Probe: AM1DV2 - 1038; ; Calibrated: 2009/1/12
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Scans/y (transversal) fine 3mm 6 x 42/ABM SNR(x,y,z) (3x15x1):**

ABM1/ABM2 = 32.0 dB

ABM1 comp = 0.845 dB A/m

Location: 0, 3, 3.7 mm



0 dB = 1.00A/m

**#10 T-Coil\_WCDMA II Ch9262\_Axial (Z)**

**DUT: 971509-01**

Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: Air Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1$  kg/m<sup>3</sup>

Ambient Temperature : 22.5

DASY4 Configuration:

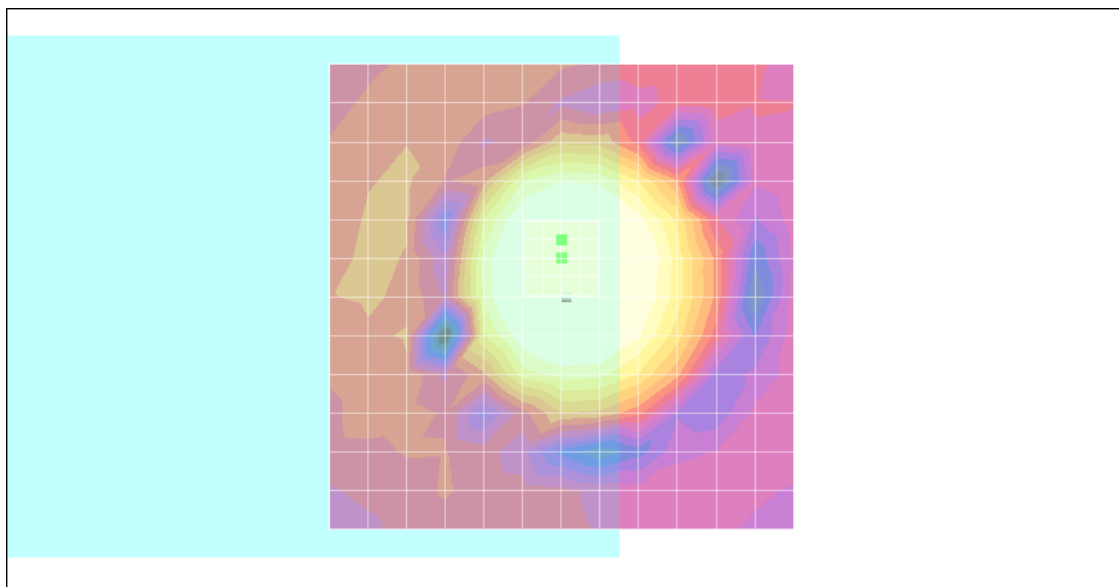
- Probe: AM1DV2 - 1038; ; Calibrated: 2009/1/12
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Scans/z (axial) fine 2mm 8 x 8/ABM SNR(x,y,z) (5x5x1):**

ABM1/ABM2 = 32.9 dB

ABM1 comp = 8.56 dB A/m

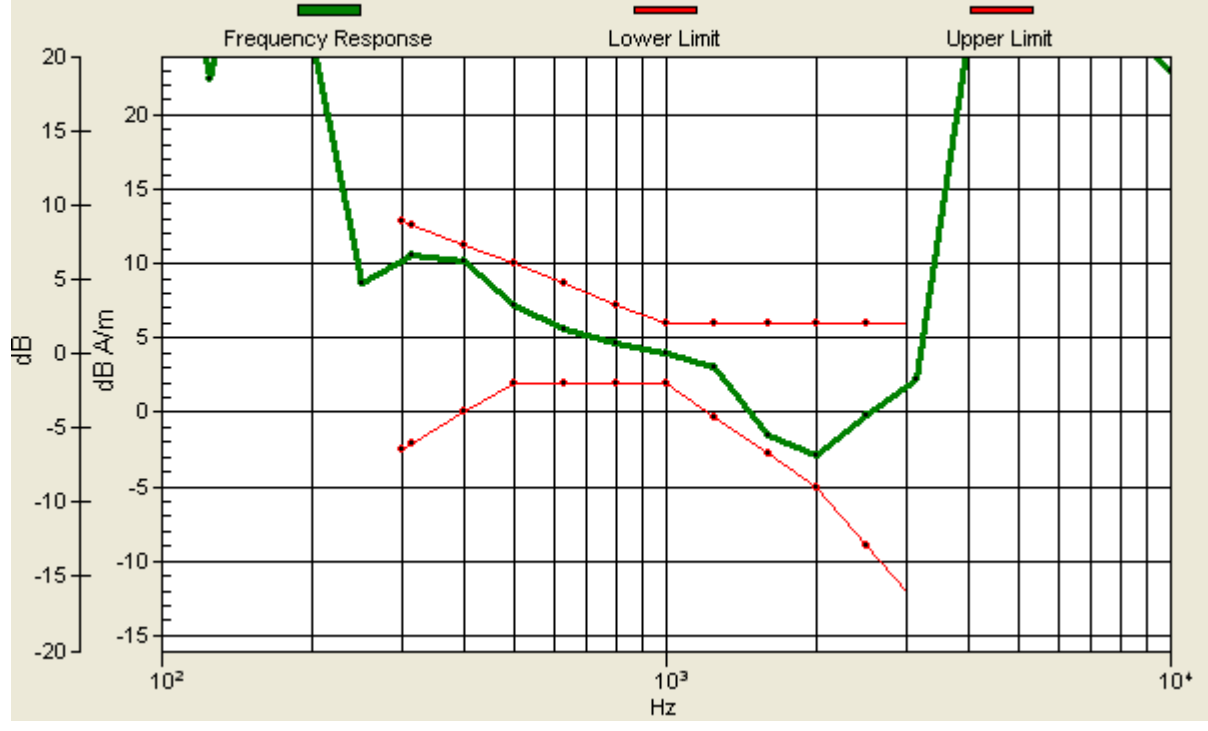
Location: 0, -6.2, 3.7 mm



0 dB = 1.00A/m

# Scans/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)

Loc: 0, -6.2, 3.7 mm Diff: 1.16dB



### #10 T-Coil\_WCDMA II Ch9262\_Radial 1 (X)

**DUT: 971509-01**

Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: Air Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1$  kg/m<sup>3</sup>

Ambient Temperature : 22.5

DASY4 Configuration:

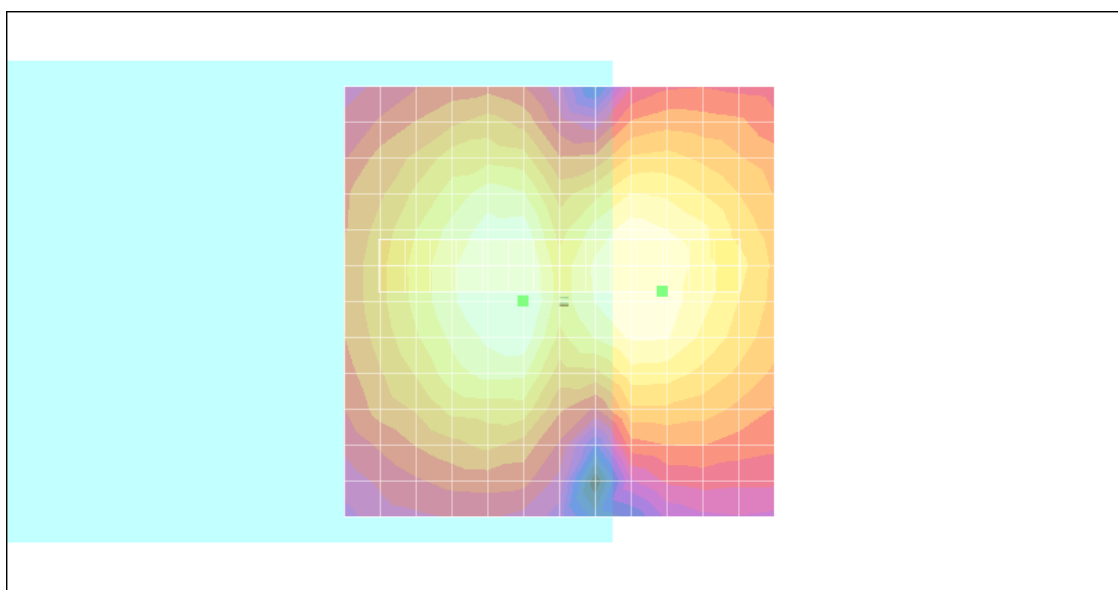
- Probe: AM1DV2 - 1038; ; Calibrated: 2009/1/12
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

#### Scans/x (longitudinal) fine 3mm 42 x 6/ABM SNR(x,y,z) (15x3x1):

ABM1/ABM2 = 32.8 dB

ABM1 comp = 0.281 dB A/m

Location: -12, -1.2, 3.7 mm



0 dB = 1.00A/m

**#10 T-Coil\_WCDMA II Ch9262\_Radial 2 (Y)**

**DUT: 971509-01**

Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: Air Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1$  kg/m<sup>3</sup>

Ambient Temperature : 22.5

DASY4 Configuration:

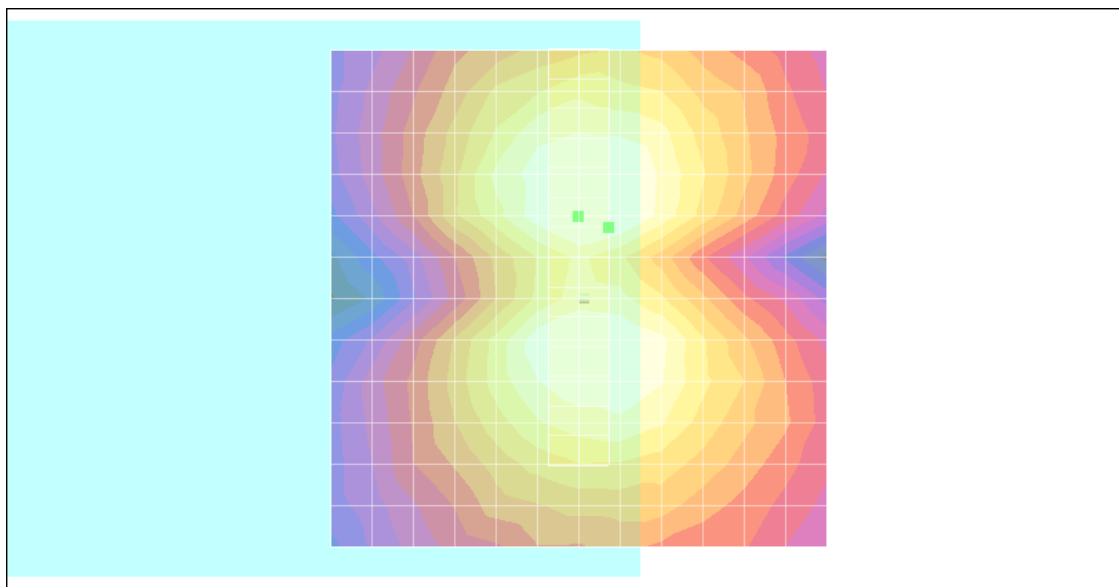
- Probe: AM1DV2 - 1038; ; Calibrated: 2009/1/12
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Scans/y (transversal) fine 3mm 6 x 42/ABM SNR(x,y,z) (3x15x1):**

ABM1/ABM2 = 32.2 dB

ABM1 comp = 1.14 dB A/m

Location: -3, -7.2, 3.7 mm



0 dB = 1.00A/m



**#11 T-Coil\_WCDMA II Ch9400\_Axial (Z)**

**DUT: 971509-01**

Communication System: WCDMA; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: Air Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1$  kg/m<sup>3</sup>

Ambient Temperature : 22.5

DASY4 Configuration:

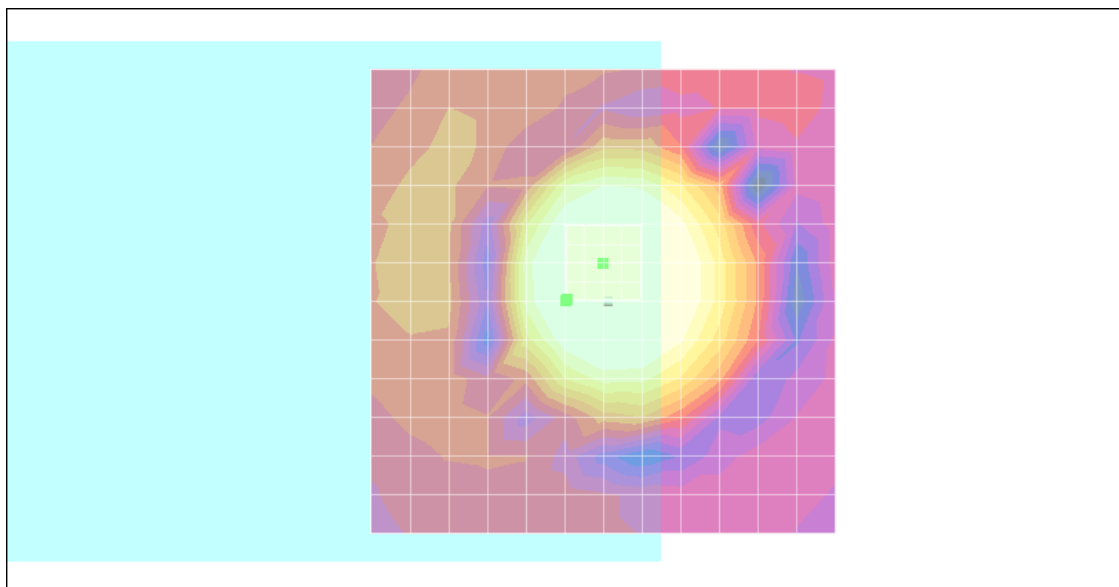
- Probe: AM1DV2 - 1038; ; Calibrated: 2009/1/12
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Scans/z (axial) fine 2mm 8 x 8/ABM SNR(x,y,z) (5x5x1):**

ABM1/ABM2 = 33.0 dB

ABM1 comp = 5.12 dB A/m

Location: 4, -0.2, 3.7 mm



0 dB = 1.00A/m

# Scans/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)

Loc: 4, -0.2, 3.7 mm Diff: 0.85dB



### #11 T-Coil\_WCDMA II Ch9400\_Radial 1 (X)

**DUT: 971509-01**

Communication System: WCDMA; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: Air Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1$  kg/m<sup>3</sup>

Ambient Temperature : 22.5

DASY4 Configuration:

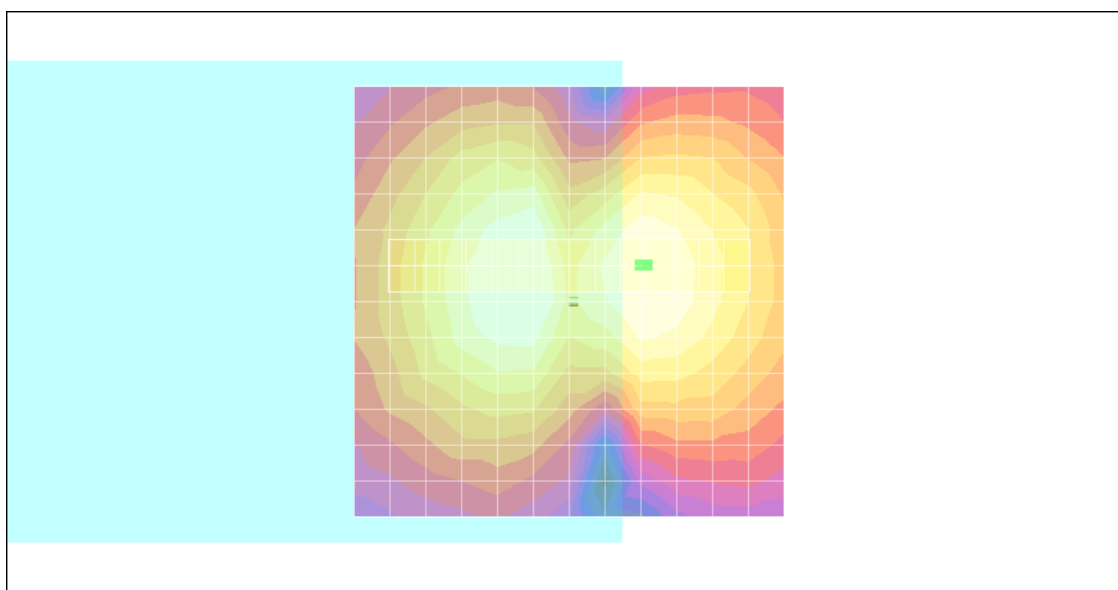
- Probe: AM1DV2 - 1038; ; Calibrated: 2009/1/12
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

#### Scans/x (longitudinal) fine 3mm 42 x 6/ABM SNR(x,y,z) (15x3x1):

ABM1/ABM2 = 32.9 dB

ABM1 comp = 2.09 dB A/m

Location: -9, -4.2, 3.7 mm



0 dB = 1.00A/m

## #11 T-Coil\_WCDMA II Ch9400\_Radial 2 (Y)

**DUT: 971509-01**

Communication System: WCDMA; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: Air Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1$  kg/m<sup>3</sup>

Ambient Temperature : 22.5

DASY4 Configuration:

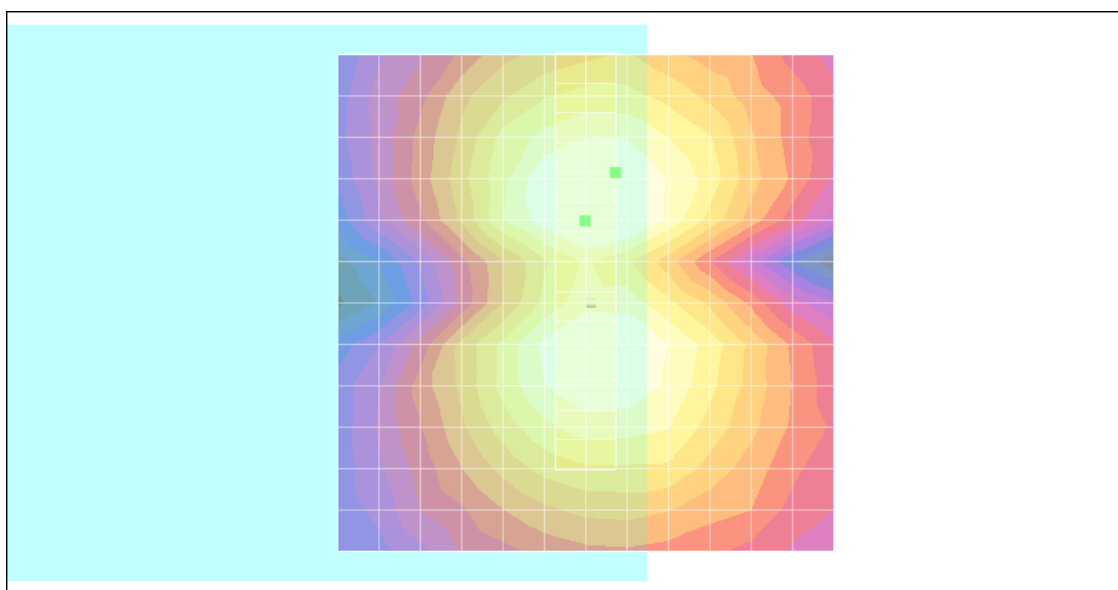
- Probe: AM1DV2 - 1038; ; Calibrated: 2009/1/12
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Scans/y (transversal) fine 3mm 6 x 42/ABM SNR(x,y,z) (3x15x1):**

ABM1/ABM2 = 32.2 dB

ABM1 comp = 1.42 dB A/m

Location: -3, -13.2, 3.7 mm



0 dB = 1.00A/m

## #12 T-Coil\_WCDMA II Ch9538\_Axial (Z)

**DUT: 971509-01**

Communication System: WCDMA; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium: Air Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1$  kg/m<sup>3</sup>

Ambient Temperature : 22.5

DASY4 Configuration:

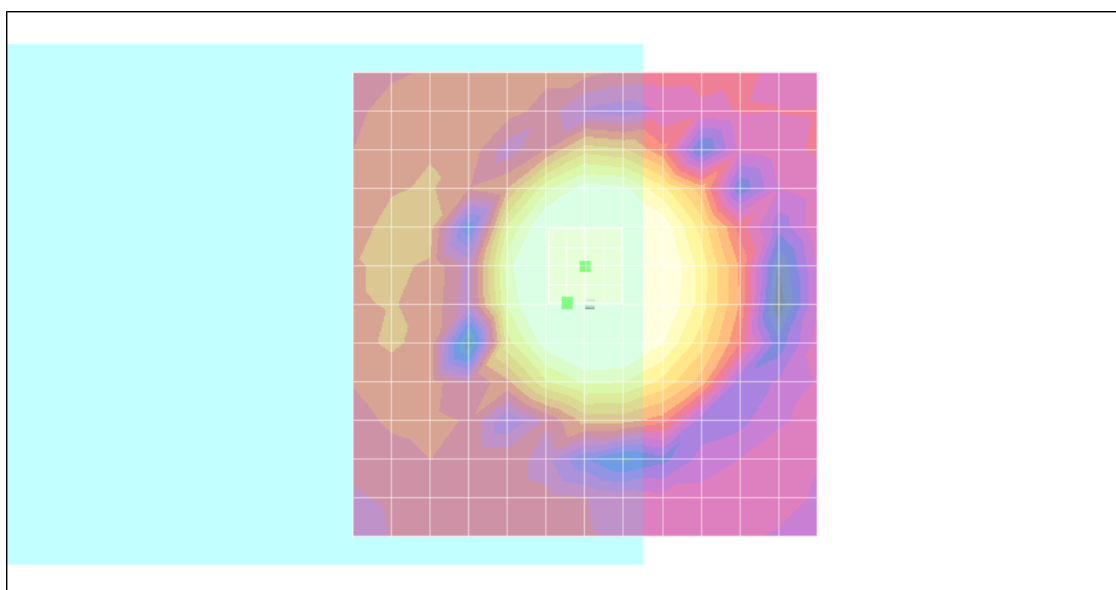
- Probe: AM1DV2 - 1038; ; Calibrated: 2009/1/12
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

### Scans/z (axial) fine 2mm 8 x 8/ABM SNR(x,y,z) (5x5x1):

ABM1/ABM2 = 32.6 dB

ABM1 comp = 7.41 dB A/m

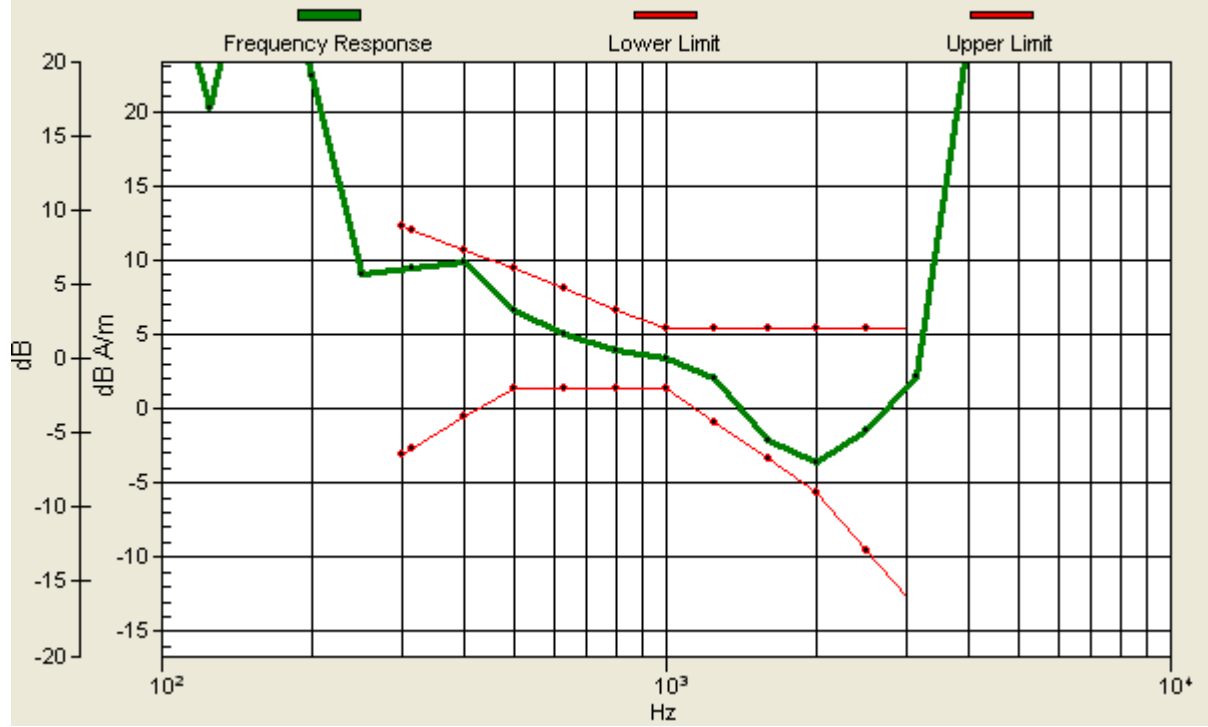
Location: 2, -0.2, 3.7 mm



0 dB = 1.00A/m

# Scans/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)

Loc: 2, -0.2, 3.7 mm Diff: 0.89dB



**#12 T-Coil\_WCDMA II Ch9538\_Radial 1 (X)**

**DUT: 971509-01**

Communication System: WCDMA; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium: Air Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1$  kg/m<sup>3</sup>

Ambient Temperature : 22.5

DASY4 Configuration:

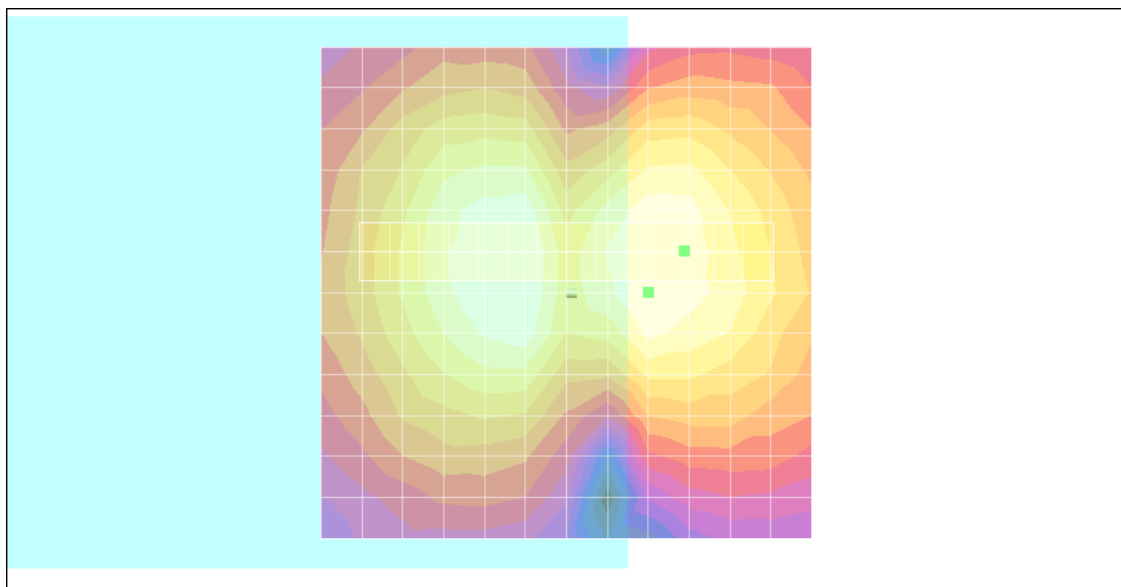
- Probe: AM1DV2 - 1038; ; Calibrated: 2009/1/12
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Scans/x (longitudinal) fine 3mm 42 x 6/ABM SNR(x,y,z) (15x3x1):**

ABM1/ABM2 = 32.8 dB

ABM1 comp = 0.302 dB A/m

Location: -12, -4.2, 3.7 mm



0 dB = 1.00A/m

## #12 T-Coil\_WCDMA II Ch9538\_Radial 2 (Y)

**DUT: 971509-01**

Communication System: WCDMA; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium: Air Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1$  kg/m<sup>3</sup>

Ambient Temperature : 22.5

DASY4 Configuration:

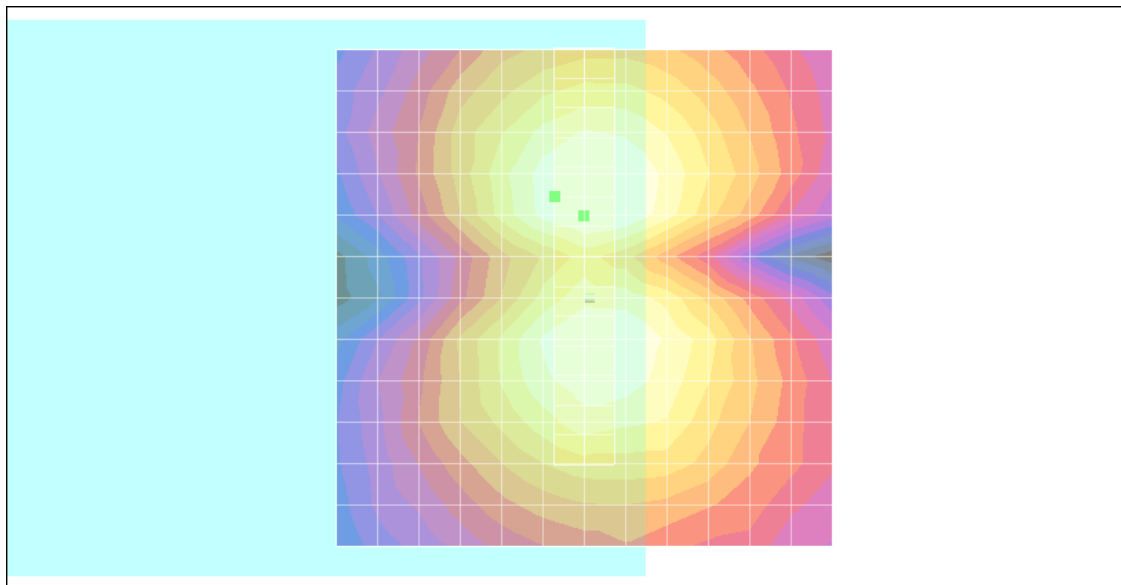
- Probe: AM1DV2 - 1038; ; Calibrated: 2009/1/12
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Scans/y (transversal) fine 3mm 6 x 42/ABM SNR(x,y,z) (3x15x1):**

ABM1/ABM2 = 31.9 dB

ABM1 comp = 0.841 dB A/m

Location: 3, -10.2, 3.7 mm



0 dB = 1.00A/m