

### #01 HAC\_T-Coil\_CDMA2000 BC0\_RC1+SO3(8kEVRC)\_Ch1013\_Axial (Z)

**DUT: 2O1720**

Communication System: CDMA ; Frequency: 824.7 MHz;Duty Cycle: 1:1

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

Ambient Temperature : 22.6 °C

DASY5 Configuration:

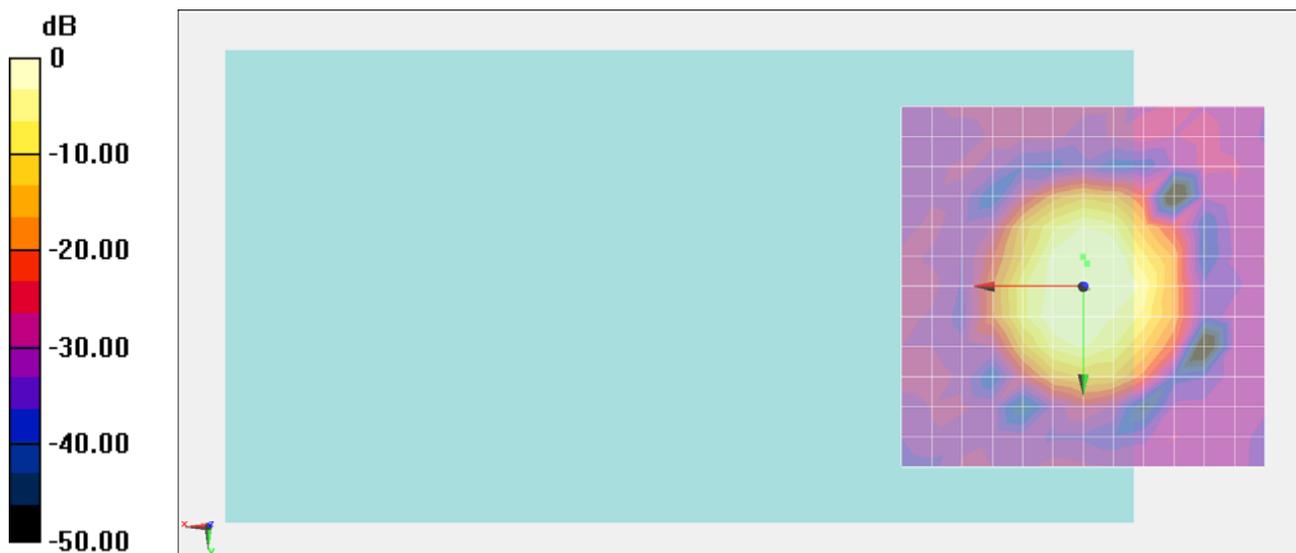
- Probe: AM1DV2 - 1038; ; Calibrated: 2013/1/23
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

### General Scans/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1):

ABM1/ABM2 = 53.46 dB

ABM1 comp = 4.69 dB A/m

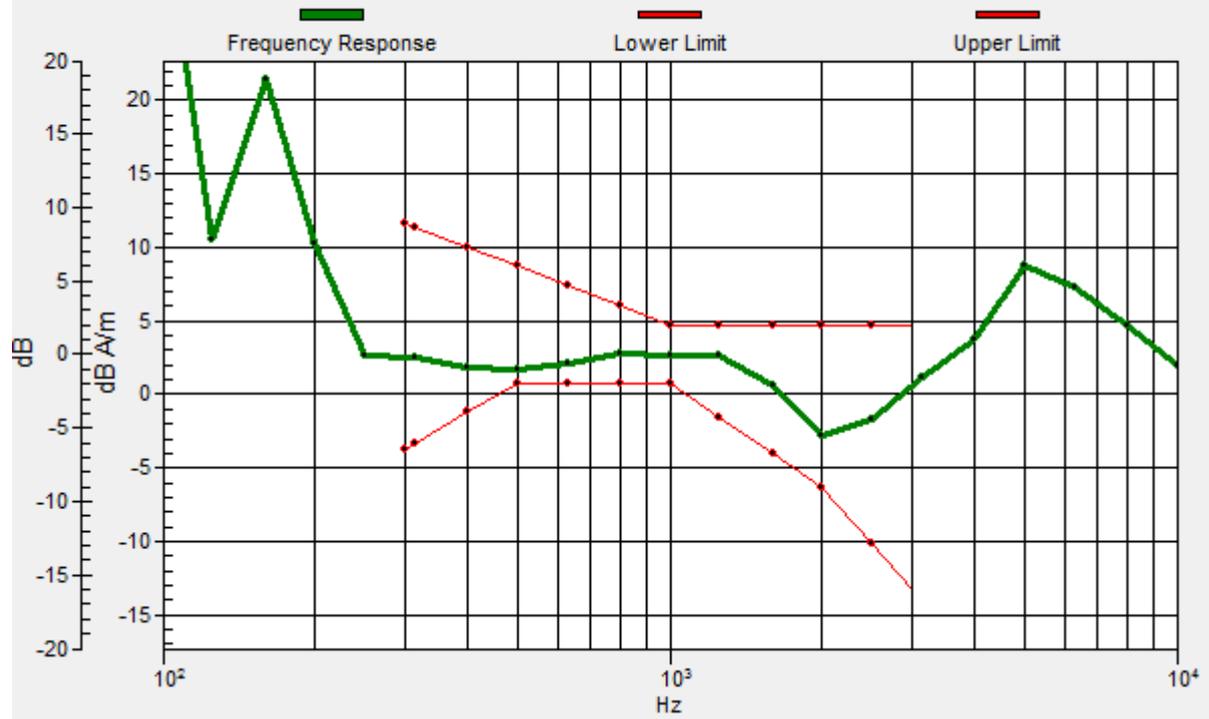
Location: 0, -4.2, 3.7 mm



0 dB = 1.000 A/m = 0.00 dB A/m

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

Loc: -0.5, -3.2, 3.7 mm Diff: 0.93dB



### #01 HAC\_T-Coil\_CDMA2000 BC0\_RC1+SO3(8kEVRC)\_Ch1013\_Radial 2 (Y)

**DUT: 2O1720**

Communication System: CDMA ; Frequency: 824.7 MHz;Duty Cycle: 1:1

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

Ambient Temperature : 22.6 °C

DASY5 Configuration:

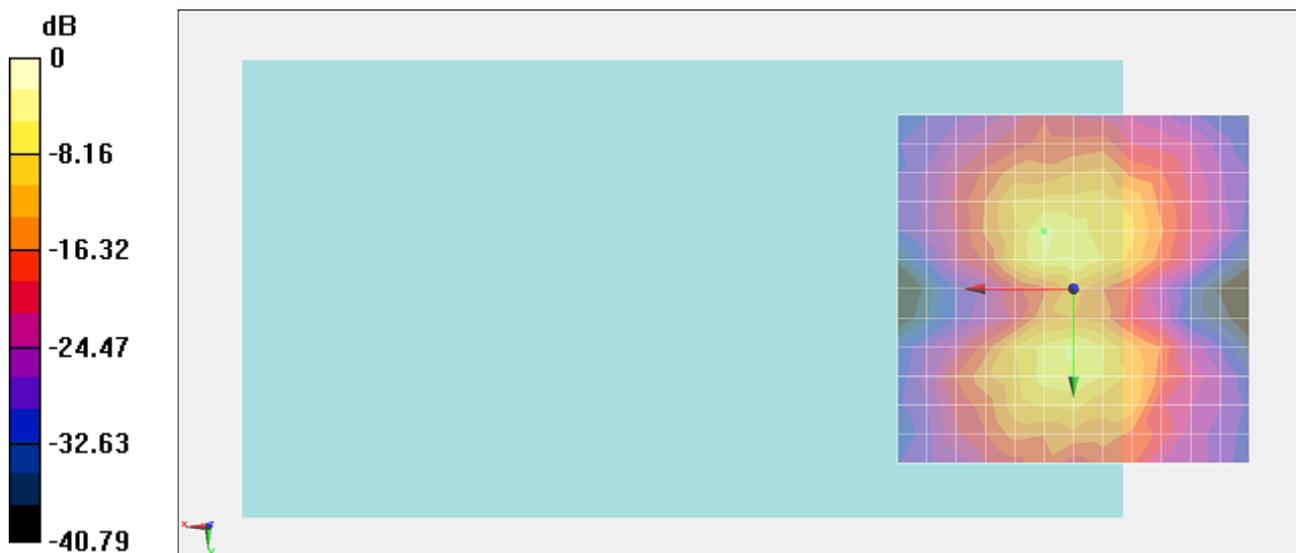
- Probe: AM1DV2 - 1038; ; Calibrated: 2013/1/23
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

### General Scans/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1):

ABM1/ABM2 = 43.09 dB

ABM1 comp = -4.56 dB A/m

Location: 4.2, -8.3, 3.7 mm



0 dB = 1.000 A/m = 0.00 dB A/m

### #02 HAC\_T-Coil\_CDMA2000 BC0\_RC1+SO3(8kEVRC)\_Ch384\_Axial (Z)

**DUT: 2O1720**

Communication System: CDMA ; Frequency: 836.52 MHz;Duty Cycle: 1:1

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

Ambient Temperature : 22.6 °C

DASY5 Configuration:

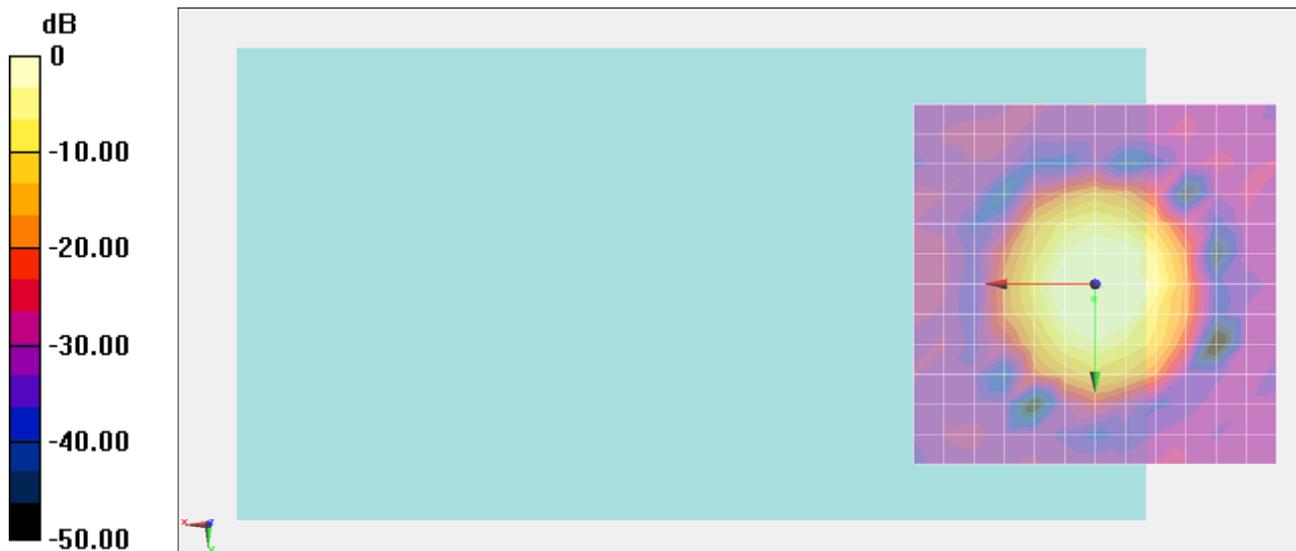
- Probe: AM1DV2 - 1038; ; Calibrated: 2013/1/23
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

### General Scans/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1):

ABM1/ABM2 = 52.93 dB

ABM1 comp = 4.01 dB A/m

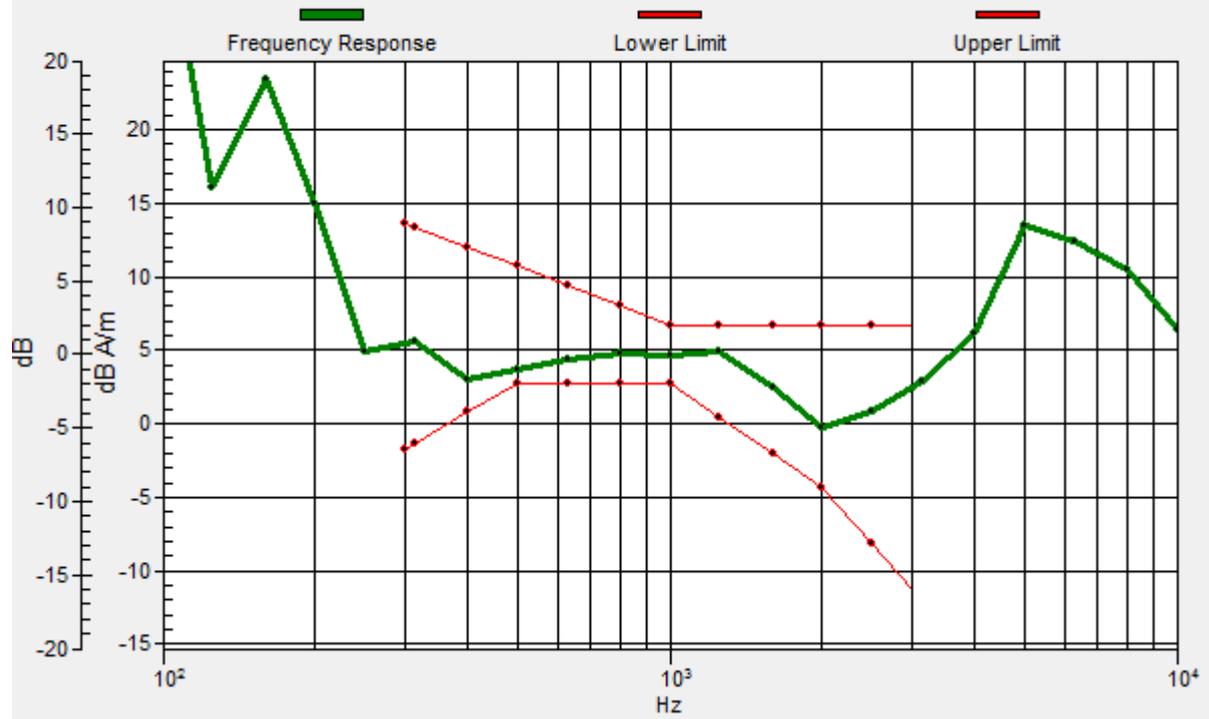
Location: 0, 0, 3.7 mm



0 dB = 1.000 A/m = 0.00 dB A/m

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

Loc: 0.2, 2.1, 3.7 mm Diff: 0.99dB



## #02 HAC\_T-Coil\_CDMA2000 BC0\_RC1+SO3(8kEVRC)\_Ch384\_Radial 2 (Y)

**DUT: 2O1720**

Communication System: CDMA ; Frequency: 836.52 MHz;Duty Cycle: 1:1

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

Ambient Temperature : 22.6 °C

DASY5 Configuration:

- Probe: AM1DV2 - 1038; ; Calibrated: 2013/1/23

- Sensor-Surface: 0mm (Fix Surface)

- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28

- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;

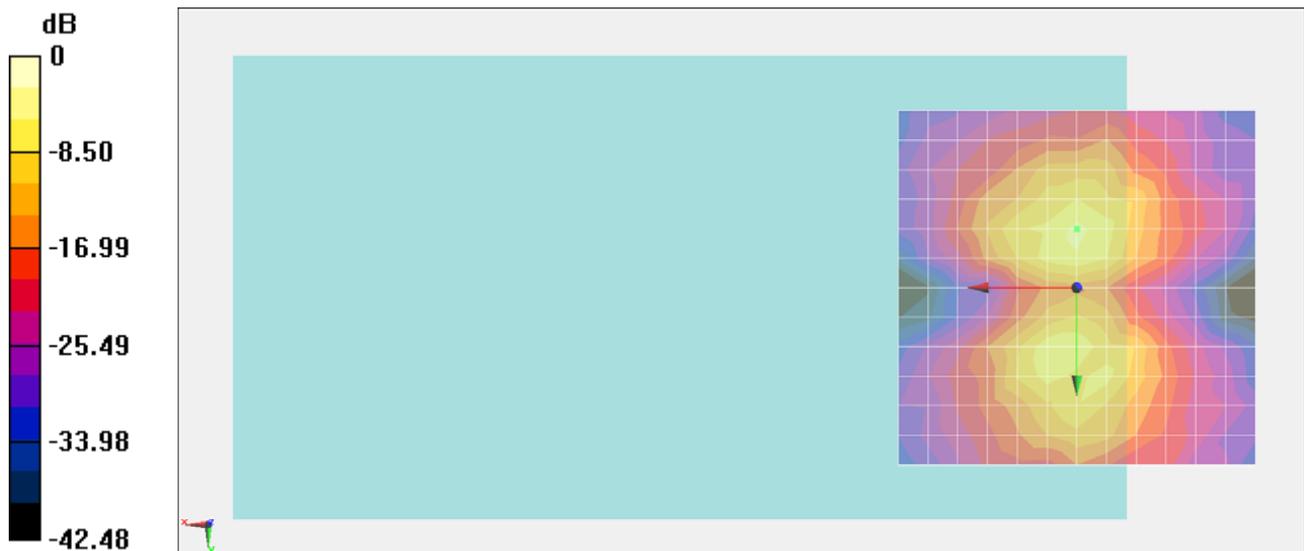
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

### General Scans/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1):

ABM1/ABM2 = 42.63 dB

ABM1 comp = -4.73 dB A/m

Location: 0, -8.3, 3.7 mm



0 dB = 1.000 A/m = 0.00 dB A/m

### #03 HAC\_T-Coil\_CDMA2000 BC0\_RC1+SO3(8kEVRC)\_Ch777\_Axial (Z)

**DUT: 2O1720**

Communication System: CDMA ; Frequency: 848.31 MHz;Duty Cycle: 1:1

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

Ambient Temperature : 22.6 °C

DASY5 Configuration:

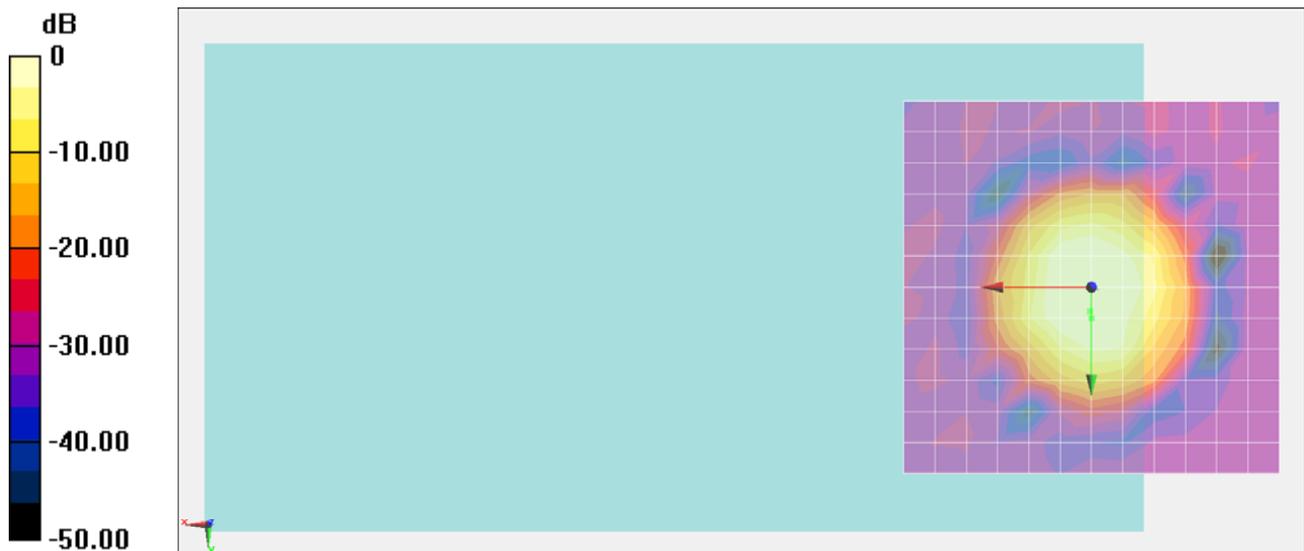
- Probe: AM1DV2 - 1038; ; Calibrated: 2013/1/23
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

#### General Scans/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1):

ABM1/ABM2 = 52.44 dB

ABM1 comp = 3.76 dB A/m

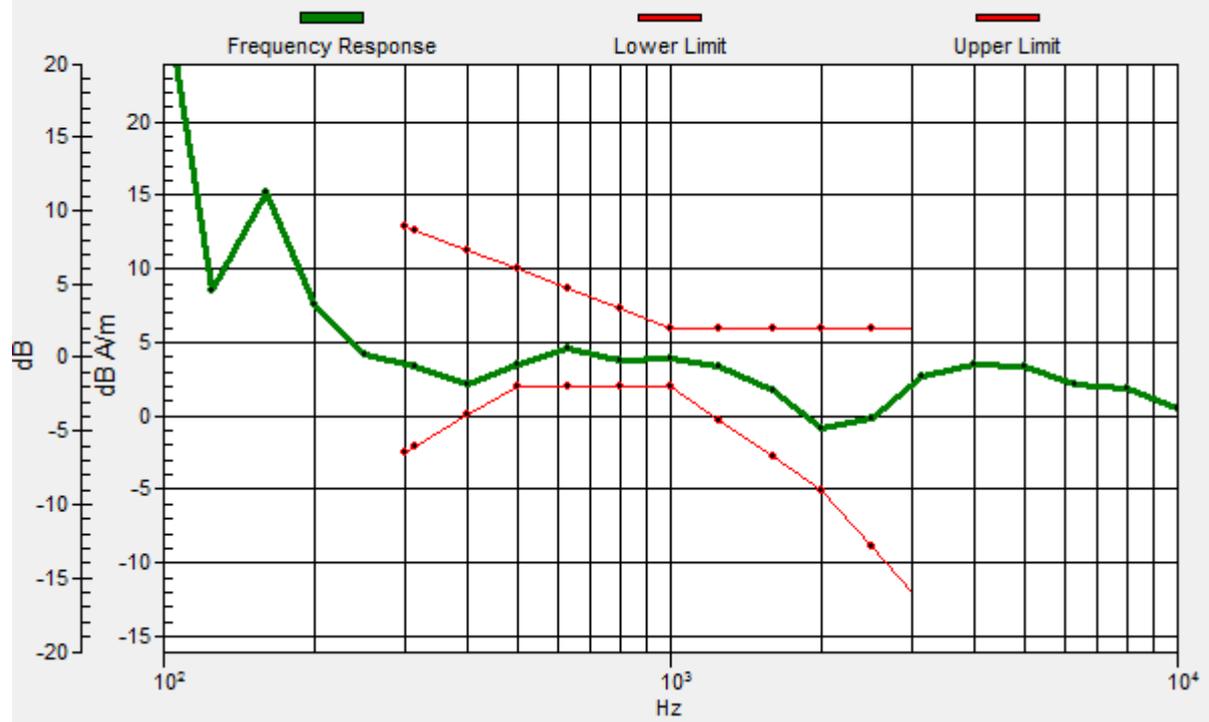
Location: 0, 4.2, 3.7 mm



0 dB = 1.000 A/m = 0.00 dB A/m

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

Loc: 0.2, 3.3, 3.7 mm Diff: 1.49dB



### #03 HAC\_T-Coil\_CDMA2000 BC0\_RC1+SO3(8kEVRC)\_Ch777\_Radial 2 (Y)

**DUT: 2O1720**

Communication System: CDMA ; Frequency: 848.31 MHz;Duty Cycle: 1:1

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

Ambient Temperature : 22.6 °C

DASY5 Configuration:

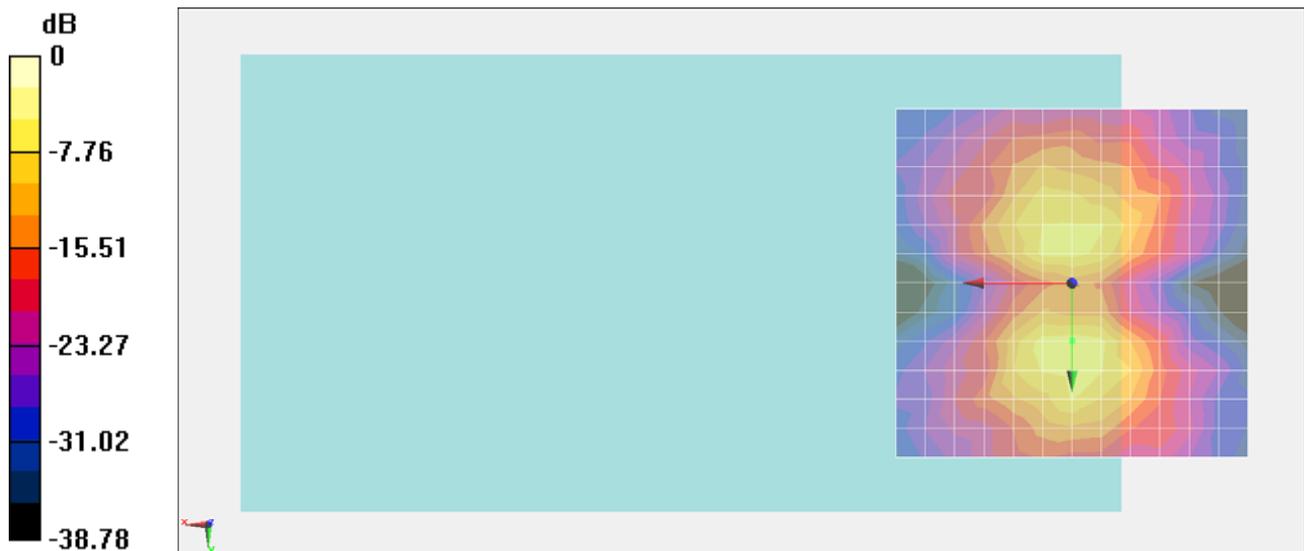
- Probe: AM1DV2 - 1038; ; Calibrated: 2013/1/23
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

### General Scans/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1):

ABM1/ABM2 = 41.52 dB

ABM1 comp = -6.06 dB A/m

Location: 0, 8.3, 3.7 mm



0 dB = 1.000 A/m = 0.00 dB A/m

### #04 HAC\_T-Coil\_CDMA2000 BC1\_RC1+SO3(8kEVRC)\_Ch25\_Axial (Z)

**DUT: 2O1720**

Communication System: CDMA ; Frequency: 1851.25 MHz;Duty Cycle: 1:1

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

Ambient Temperature : 22.6 °C

DASY5 Configuration:

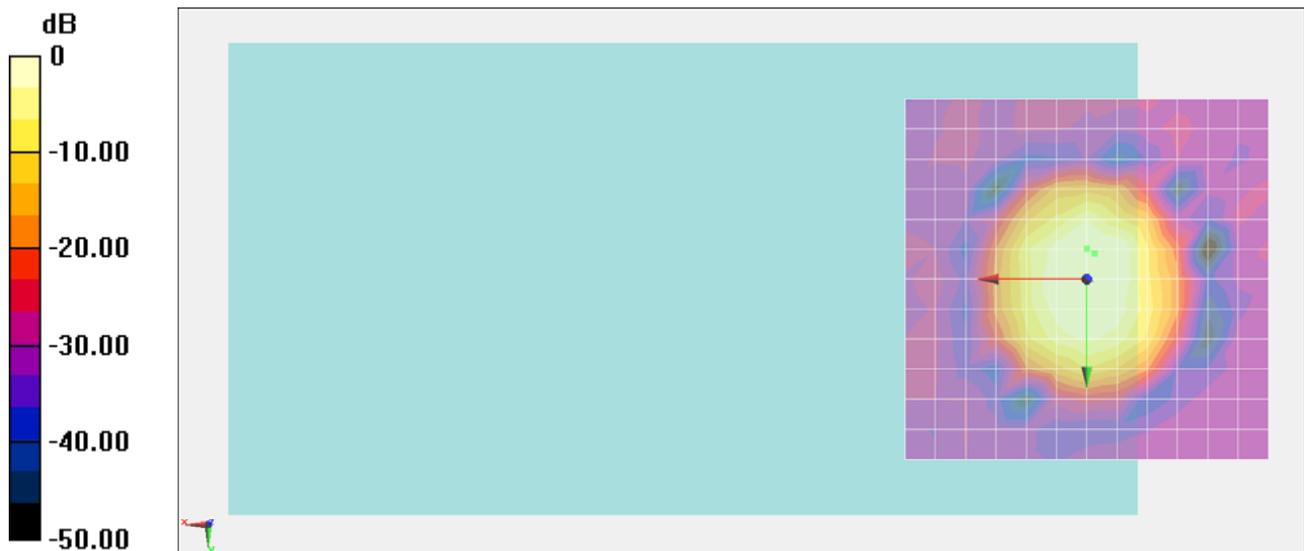
- Probe: AM1DV2 - 1038; ; Calibrated: 2013/1/23
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

### General Scans/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1):

ABM1/ABM2 = 52.90 dB

ABM1 comp = 3.39 dB A/m

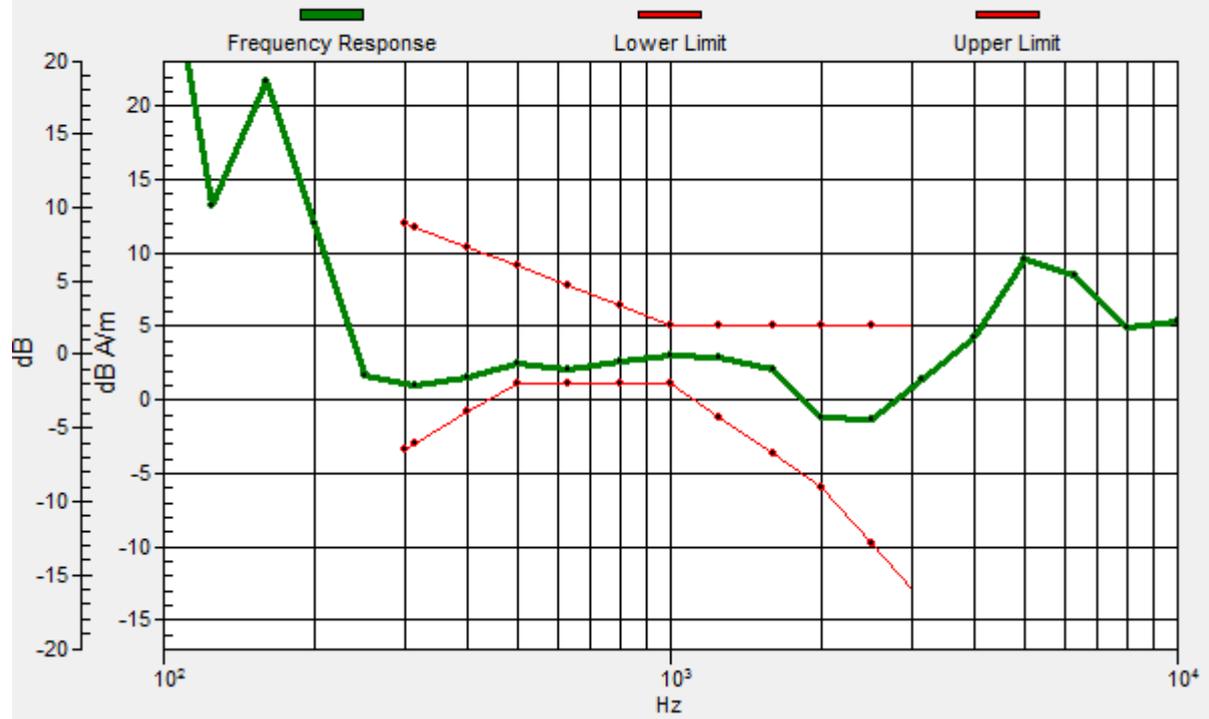
Location: 0, -4.2, 3.7 mm



0 dB = 1.000 A/m = 0.00 dB A/m

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

Loc: -1.1, -3.6, 3.7 mm Diff: 1.03dB



### #04 HAC\_T-Coil\_CDMA2000 BC1\_RC1+SO3(8kEVRC)\_Ch25\_Radial 2 (Y)

**DUT: 2O1720**

Communication System: CDMA ; Frequency: 1851.25 MHz;Duty Cycle: 1:1

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

Ambient Temperature : 22.6 °C

DASY5 Configuration:

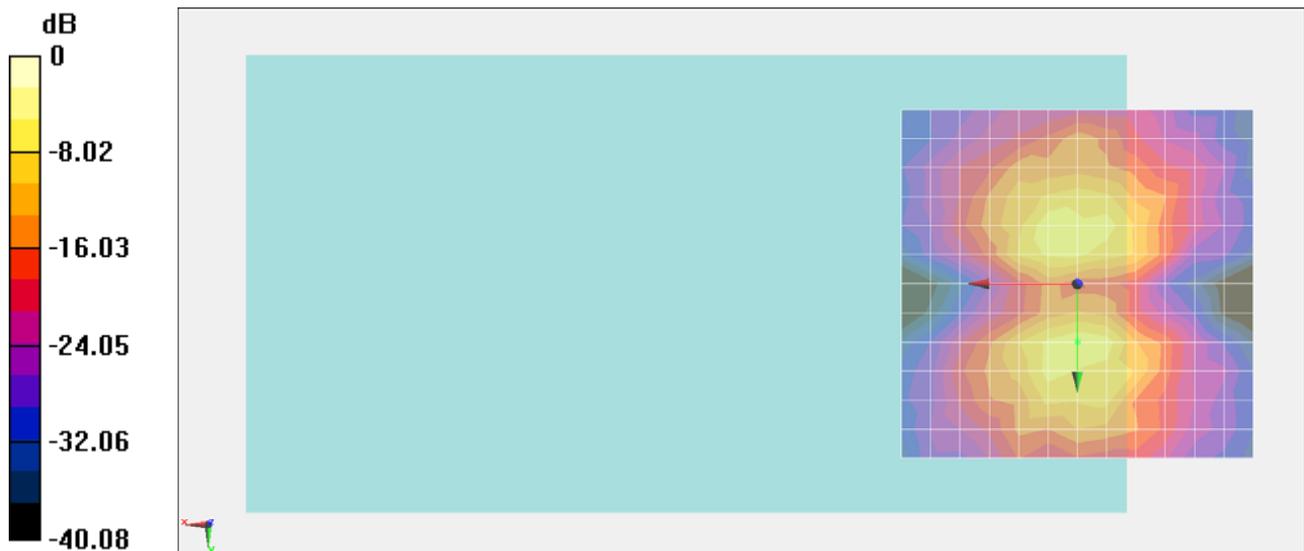
- Probe: AM1DV2 - 1038; ; Calibrated: 2013/1/23
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

### General Scans/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1):

ABM1/ABM2 = 42.14 dB

ABM1 comp = -5.26 dB A/m

Location: 0, 8.3, 3.7 mm



0 dB = 1.000 A/m = 0.00 dB A/m

### #05 HAC\_T-Coil\_CDMA2000 BC1\_RC1+SO3(8kEVRC)\_Ch600\_Axial (Z)

**DUT: 2O1720**

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

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

Ambient Temperature : 22.6 °C

DASY5 Configuration:

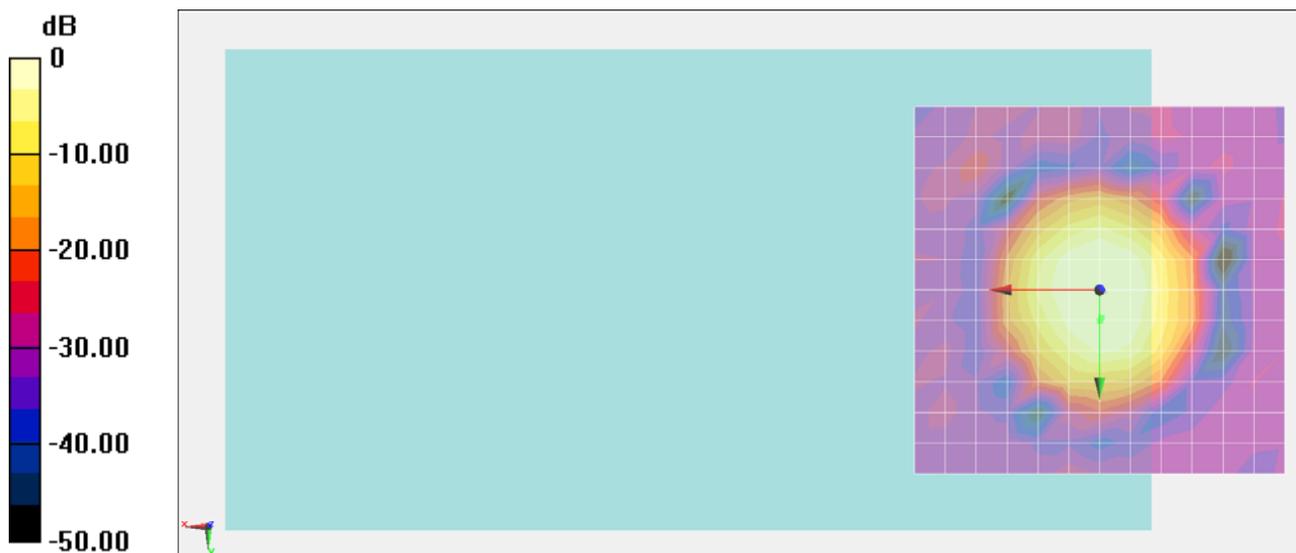
- Probe: AM1DV2 - 1038; ; Calibrated: 2013/1/23
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

### General Scans/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1):

ABM1/ABM2 = 52.66 dB

ABM1 comp = 3.29 dB A/m

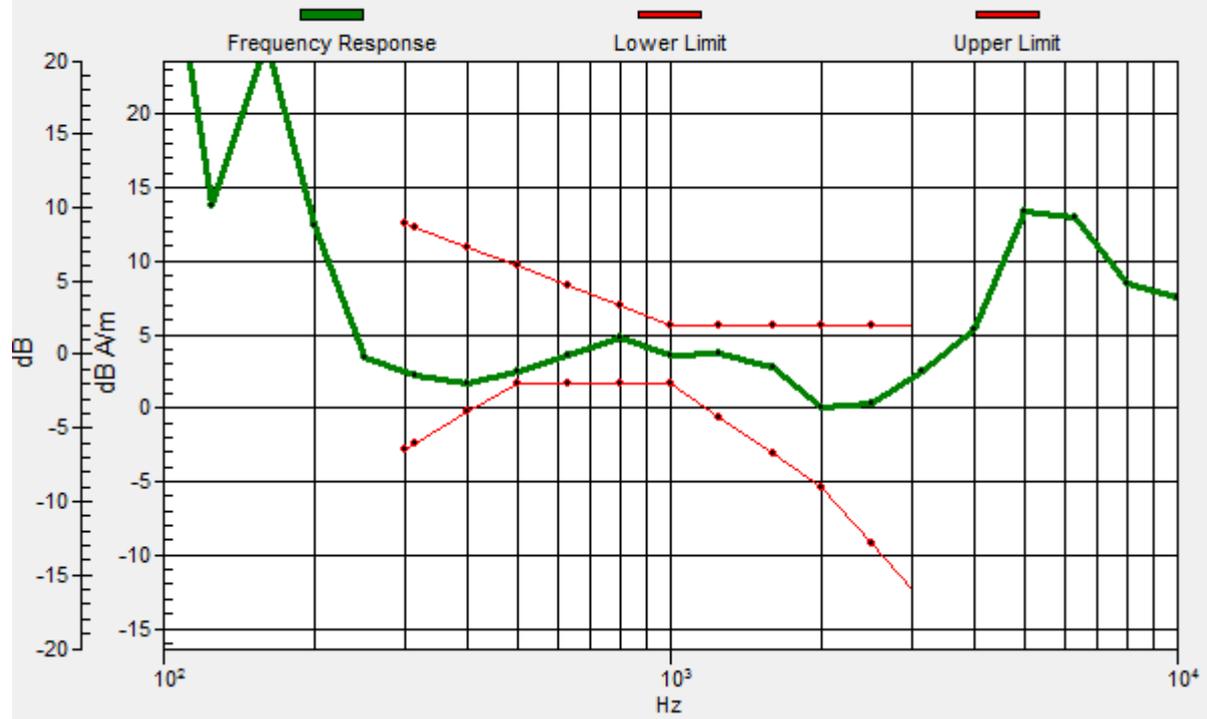
Location: 0, 4.2, 3.7 mm



0 dB = 1.000 A/m = 0.00 dB A/m

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

Loc: -0.3, 3.8, 3.7 mm Diff: 0.84dB



### #05 HAC\_T-Coil\_CDMA2000 BC1\_RC1+SO3(8kEVRC)\_Ch600\_Radial 2 (Y)

**DUT: 2O1720**

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

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

Ambient Temperature : 22.6 °C

DASY5 Configuration:

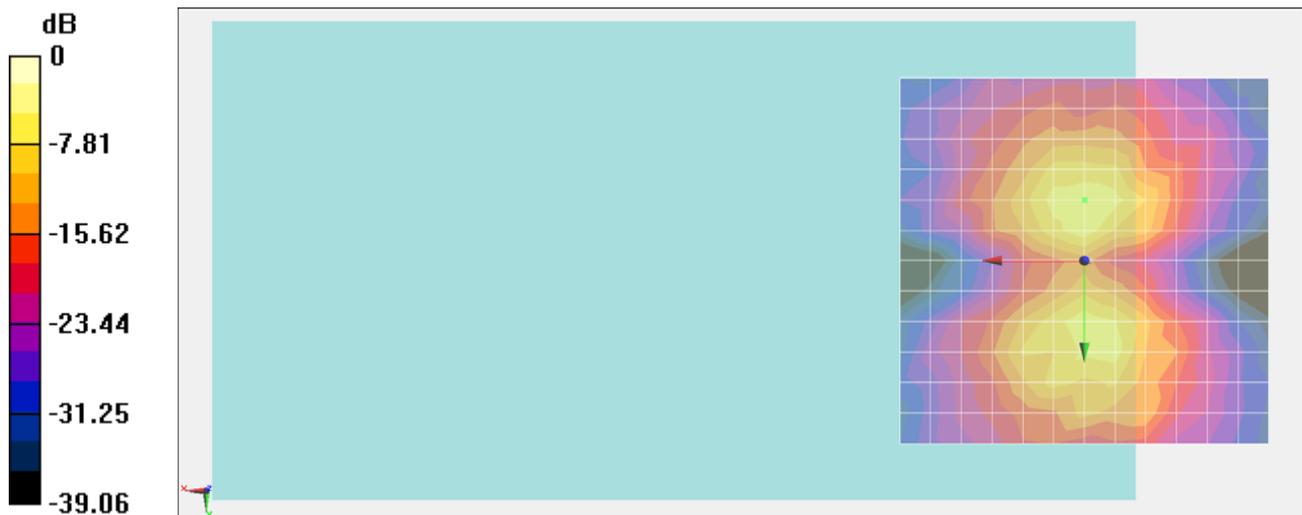
- Probe: AM1DV2 - 1038; ; Calibrated: 2013/1/23
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

### General Scans/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1):

ABM1/ABM2 = 41.88 dB

ABM1 comp = -5.63 dB A/m

Location: 0, -8.3, 3.7 mm



0 dB = 1.000 A/m = 0.00 dB A/m

### #06 HAC\_T-Coil\_CDMA2000 BC1\_RC1+SO3(8kEVRC)\_Ch1175\_Axial (Z)

**DUT: 2O1720**

Communication System: CDMA ; Frequency: 1908.75 MHz;Duty Cycle: 1:1

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

Ambient Temperature : 22.6 °C

DASY5 Configuration:

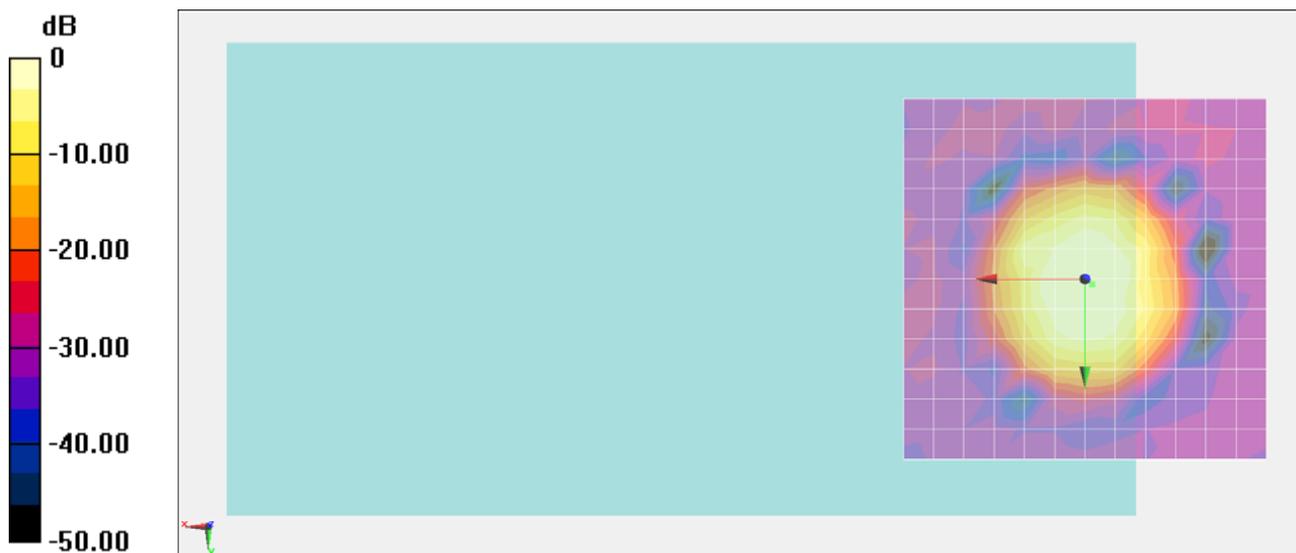
- Probe: AM1DV2 - 1038; ; Calibrated: 2013/1/23
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

### General Scans/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1):

ABM1/ABM2 = 51.63 dB

ABM1 comp = 3.76 dB A/m

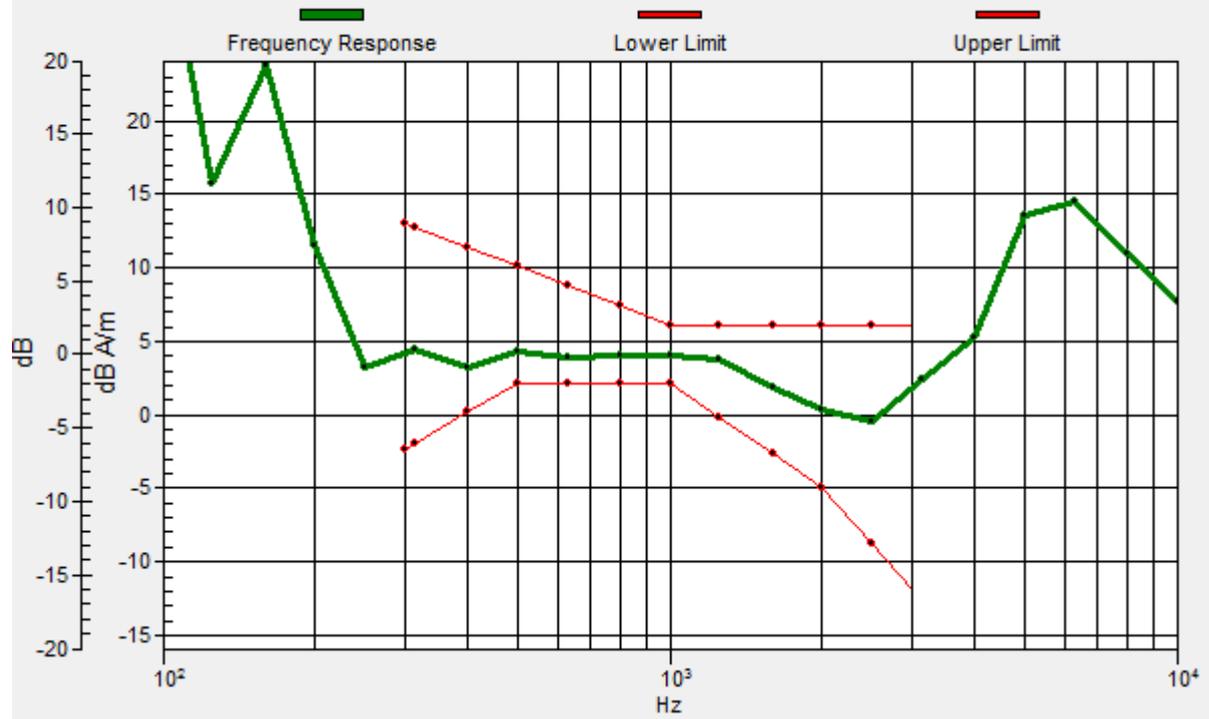
Location: 0, 0, 3.7 mm



0 dB = 1.000 A/m = 0.00 dB A/m

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

Loc: -1, 0.7, 3.7 mm Diff: 1.86dB



### #06 HAC\_T-Coil\_CDMA2000 BC1\_RC1+SO3(8kEVRC)\_Ch1175\_Radial 2 (Y)

**DUT: 2O1720**

Communication System: CDMA ; Frequency: 1908.75 MHz;Duty Cycle: 1:1

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

Ambient Temperature : 22.6 °C

DASY5 Configuration:

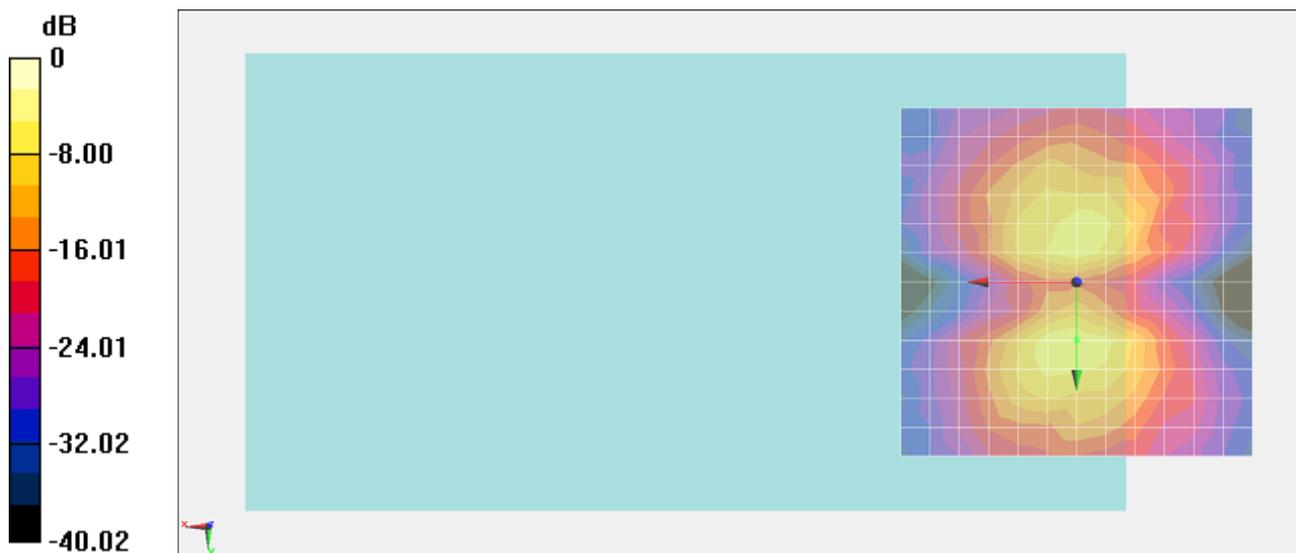
- Probe: AM1DV2 - 1038; ; Calibrated: 2013/1/23
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

### General Scans/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1):

ABM1/ABM2 = 41.09 dB

ABM1 comp = -5.45 dB A/m

Location: 0, 8.3, 3.7 mm



0 dB = 1.000 A/m = 0.00 dB A/m

### #07 HAC\_T-Coil\_CDMA2000 BC15\_RC1+SO3(8kEVRC)\_Ch25\_Axial (Z)

**DUT: 2O1720**

Communication System: CDMA ; Frequency: 1711.25 MHz;Duty Cycle: 1:1

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

Ambient Temperature : 22.6 °C

DASY5 Configuration:

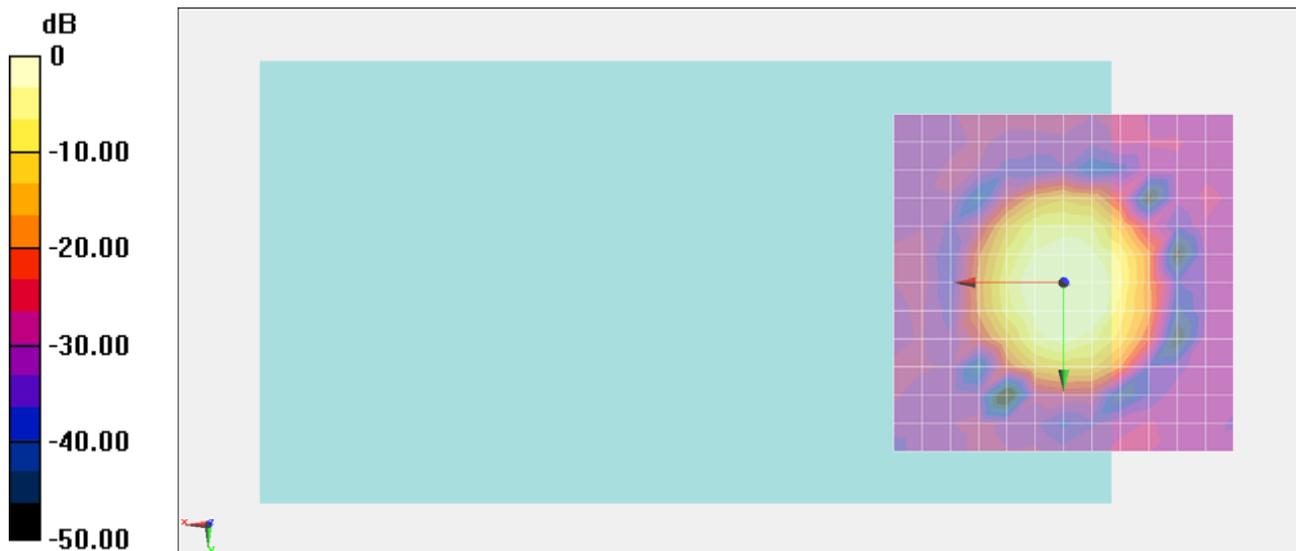
- Probe: AM1DV2 - 1038; ; Calibrated: 2013/1/23
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

#### General Scans/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1):

ABM1/ABM2 = 52.22 dB

ABM1 comp = 4.06 dB A/m

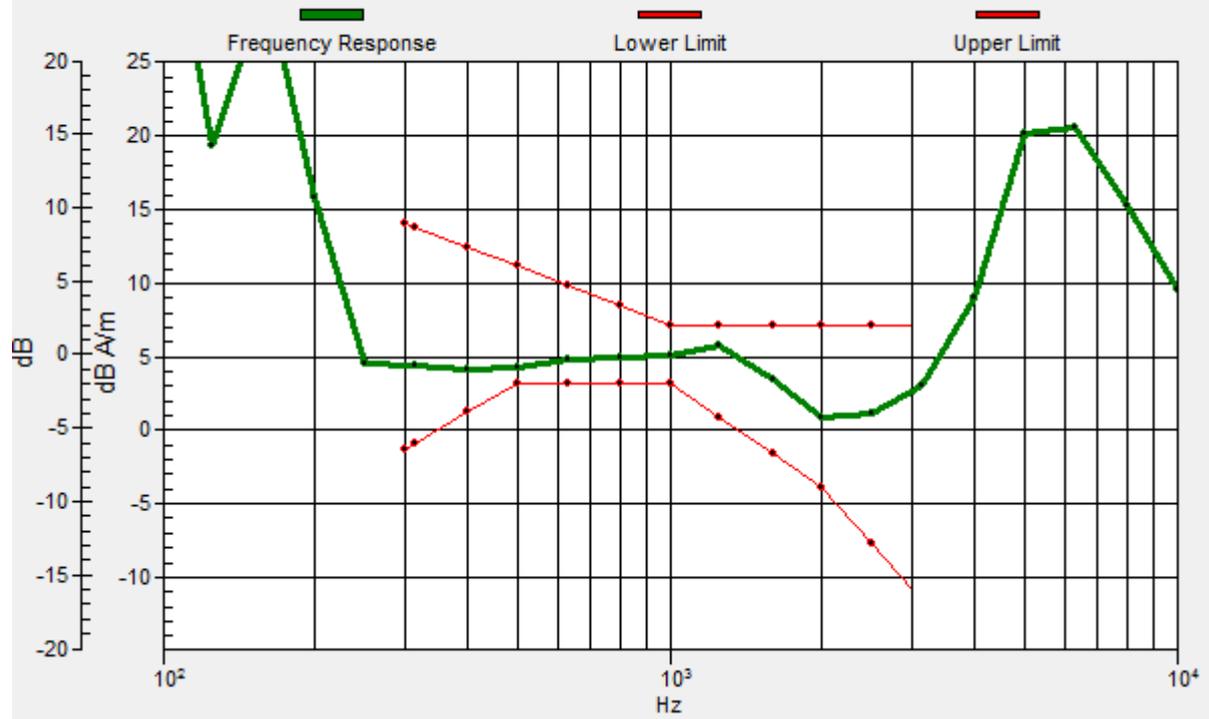
Location: 0, 0, 3.7 mm



0 dB = 1.000 A/m = 0.00 dB A/m

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

Loc: -0.1, 0.2, 3.7 mm Diff: 1.07dB



### #07 HAC\_T-Coil\_CDMA2000 BC15\_RC1+SO3(8kEVRC)\_Ch25\_Radial 2 (Y)

**DUT: 2O1720**

Communication System: CDMA ; Frequency: 1711.25 MHz;Duty Cycle: 1:1

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

Ambient Temperature : 22.6 °C

DASY5 Configuration:

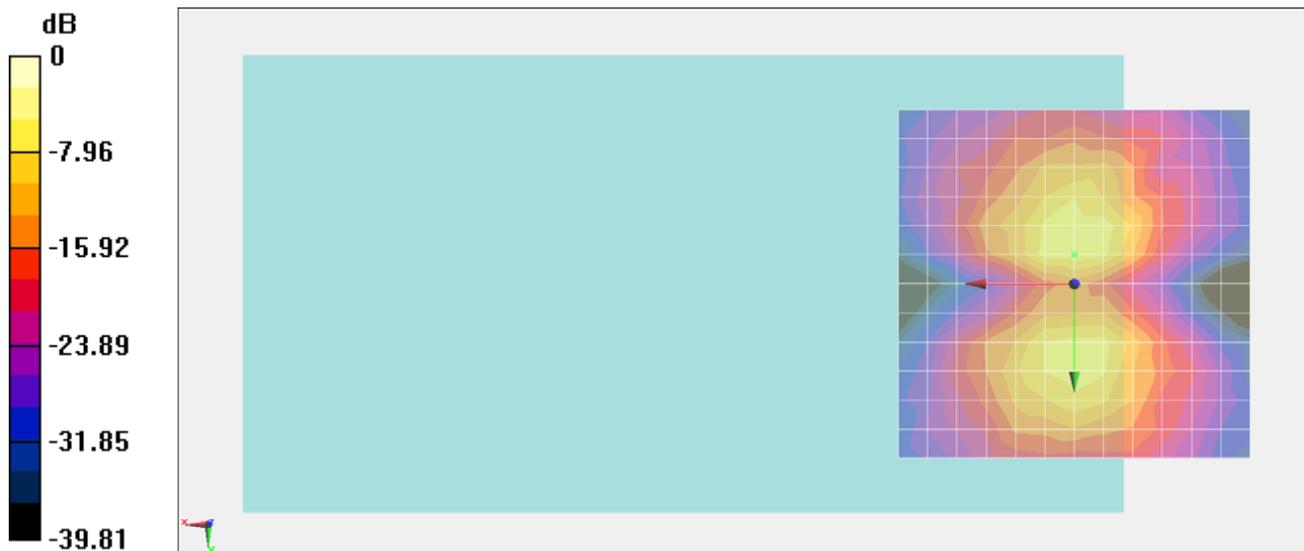
- Probe: AM1DV2 - 1038; ; Calibrated: 2013/1/23
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

### General Scans/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1):

ABM1/ABM2 = 40.46 dB

ABM1 comp = -6.44 dB A/m

Location: 0, -4.2, 3.7 mm



0 dB = 1.000 A/m = 0.00 dB A/m

### #08 HAC\_T-Coil\_CDMA2000 BC15\_RC1+SO3(8kEVRC)\_Ch425\_Axial (Z)

**DUT: 2O1720**

Communication System: CDMA ; Frequency: 1731.25 MHz;Duty Cycle: 1:1

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

Ambient Temperature : 22.6 °C

DASY5 Configuration:

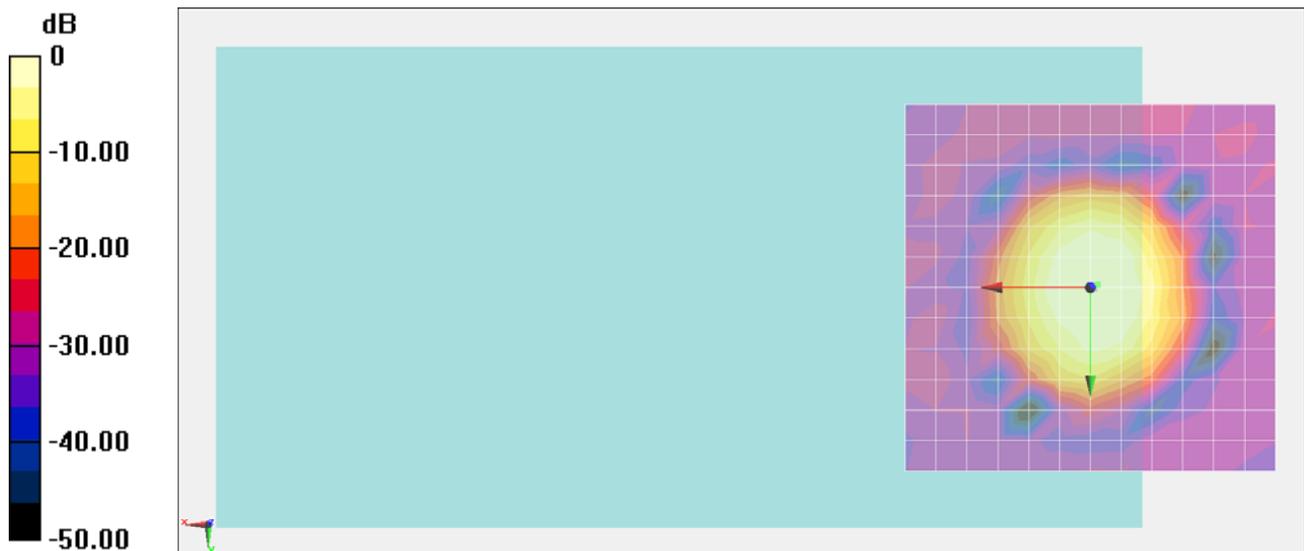
- Probe: AM1DV2 - 1038; ; Calibrated: 2013/1/23
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

#### General Scans/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1):

ABM1/ABM2 = 51.12 dB

ABM1 comp = 2.82 dB A/m

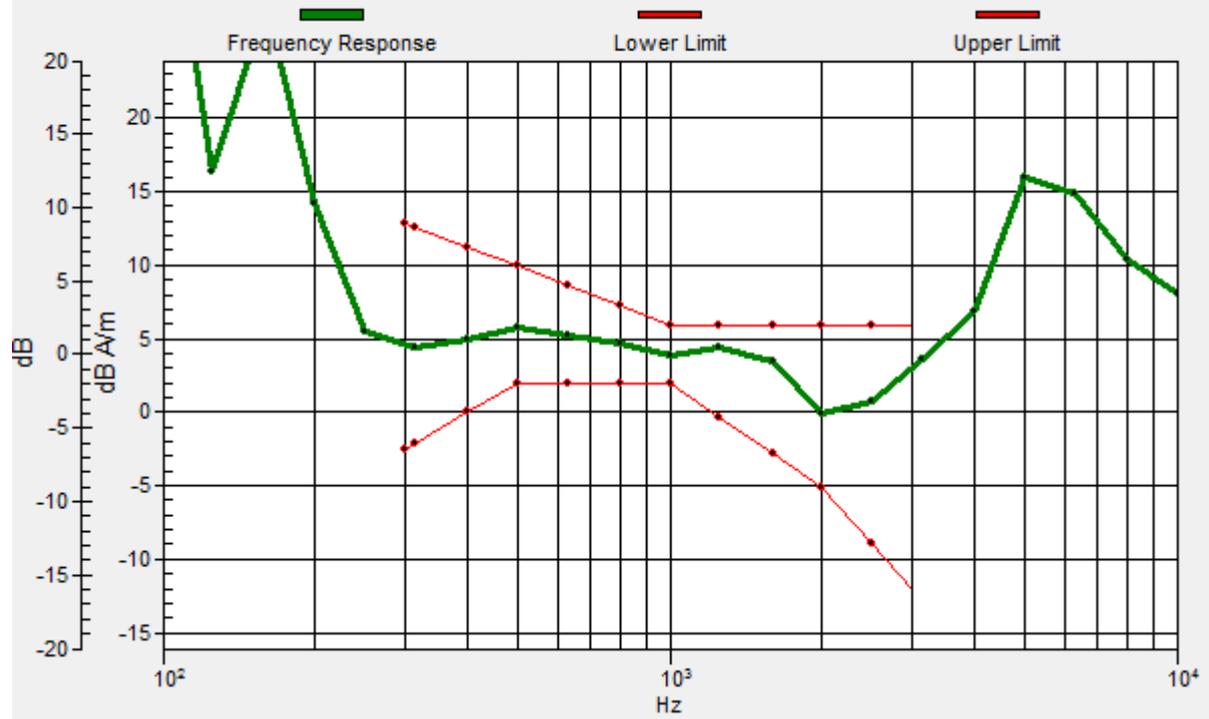
Location: 0, 0, 3.7 mm



0 dB = 1.000 A/m = 0.00 dB A/m

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

Loc: -1, -0.4, 3.7 mm Diff: 1.52dB



### #08 HAC\_T-Coil\_CDMA2000 BC15\_RC1+SO3(8kEVRC)\_Ch425\_Radial 2 (Y)

**DUT: 2O1720**

Communication System: CDMA ; Frequency: 1731.25 MHz;Duty Cycle: 1:1

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

Ambient Temperature : 22.6 °C

DASY5 Configuration:

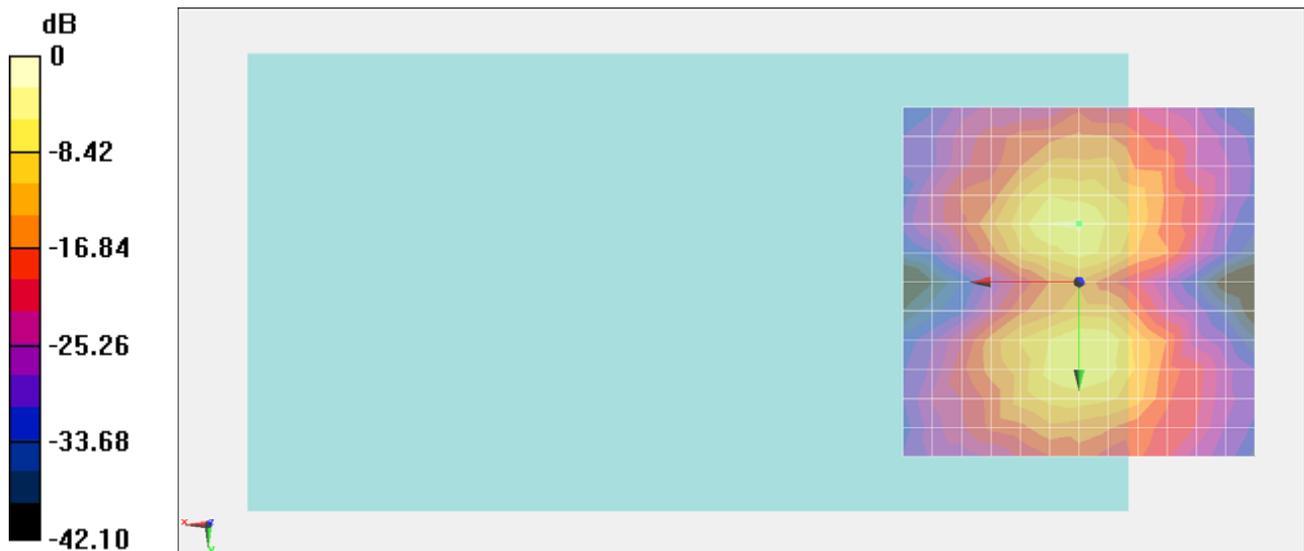
- Probe: AM1DV2 - 1038; ; Calibrated: 2013/1/23
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

### General Scans/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1):

ABM1/ABM2 = 42.39 dB

ABM1 comp = -4.80 dB A/m

Location: 0, -8.3, 3.7 mm



0 dB = 1.000 A/m = 0.00 dB A/m

### #09 HAC\_T-Coil\_CDMA2000 BC15\_RC1+SO3(8kEVRC)\_Ch875\_Axial (Z)

**DUT: 2O1720**

Communication System: CDMA ; Frequency: 1753.75 MHz;Duty Cycle: 1:1

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

Ambient Temperature : 22.6 °C

DASY5 Configuration:

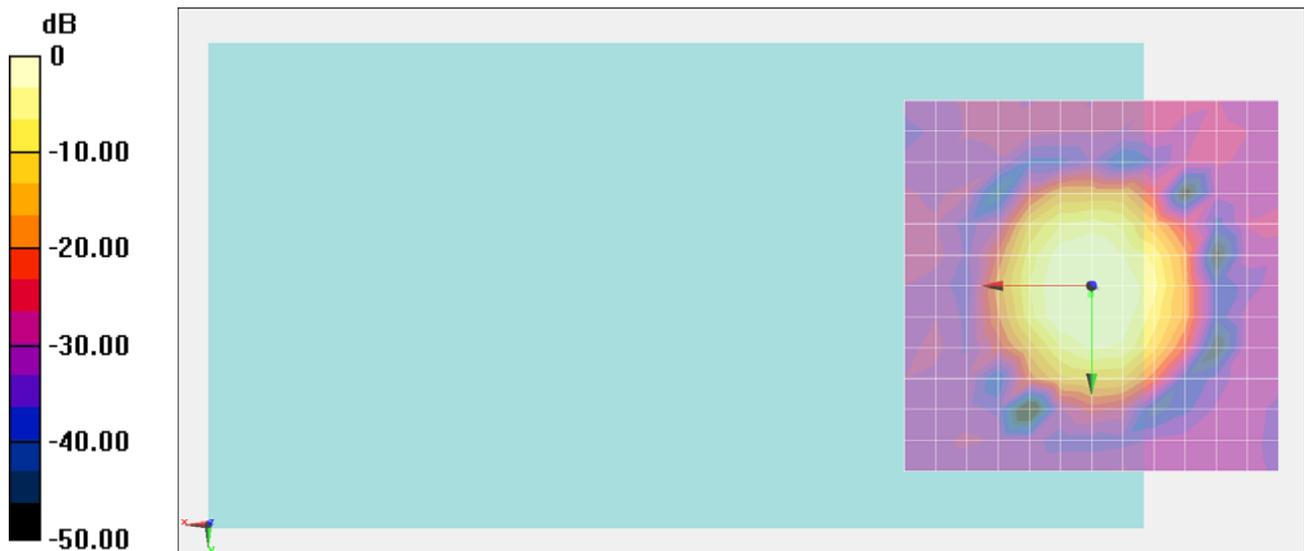
- Probe: AM1DV2 - 1038; ; Calibrated: 2013/1/23
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

#### General Scans/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1):

ABM1/ABM2 = 52.70 dB

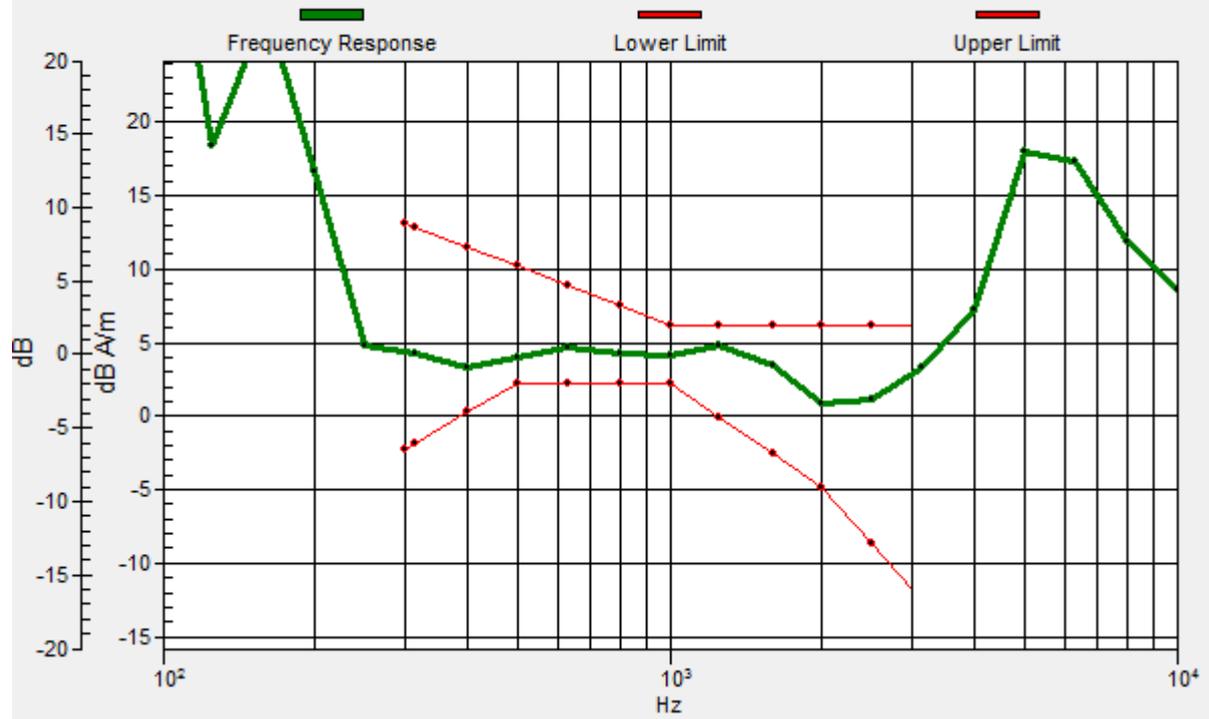
ABM1 comp = 4.44 dB A/m

Location: 0, 0, 3.7 mm



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

Loc: 0.2, 1.2, 3.7 mm Diff: 1.45dB



### #09 HAC\_T-Coil\_CDMA2000 BC15\_RC1+SO3(8kEVRC)\_Ch875\_Radial 2 (Y)

**DUT: 2O1720**

Communication System: CDMA ; Frequency: 1753.75 MHz;Duty Cycle: 1:1

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

Ambient Temperature : 22.6 °C

DASY5 Configuration:

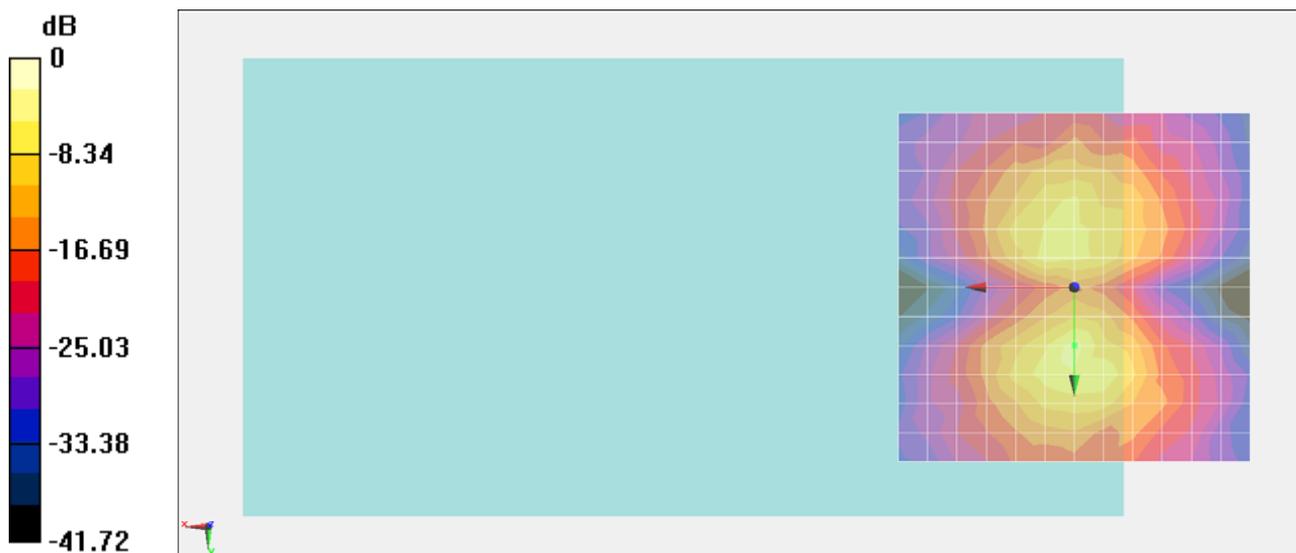
- Probe: AM1DV2 - 1038; ; Calibrated: 2013/1/23
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

### General Scans/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1):

ABM1/ABM2 = 43.05 dB

ABM1 comp = -4.00 dB A/m

Location: 0, 8.3, 3.7 mm



0 dB = 1.000 A/m = 0.00 dB A/m