

**#01 HAC\_T-Coil GSM850\_GSM\_Ch128(Z)**

**DUT: 341002B**

Communication System: General GSM; Frequency: 824.2 MHz; Duty Cycle: 1:8.3

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

Ambient Temperature : 23.1 °C

**DASY5 Configuration:**

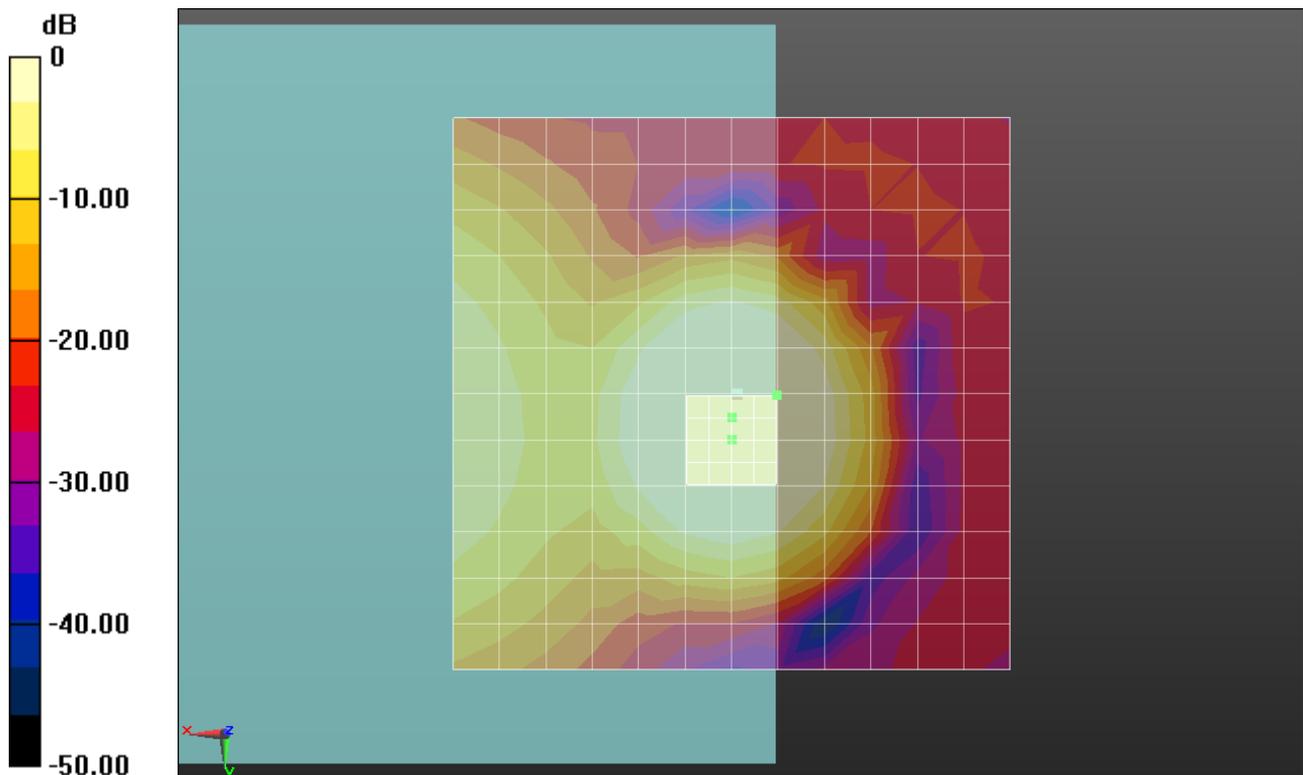
- Probe: AM1DV3 - 3093; ; Calibrated: 2012-4-19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

**Ch128/z (axial) fine 2mm 8 x 8/ABM SNR(x,y,z) (5x5x1):** Measurement grid: dx=10mm, dy=10mm

ABM1/ABM2 = 30.03 dB

ABM1 comp = 5.73 dBA/m

Location: -4, 0.2, 3.7 mm



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

# Ch128/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)

Loc: -4, 0.2, 3.7 mm Diff: 2dB



**#01 HAC\_T-Coil GSM850\_GSM\_Ch128(Y)**

**DUT: 341002B**

Communication System: General GSM; Frequency: 824.2 MHz; Duty Cycle: 1:8.3

Medium: Air Medium parameters used:  $\sigma = 0 \text{ S/m}$ ,  $\epsilon_r = 1$ ;  $\rho = 0 \text{ kg/m}^3$

Ambient Temperature : 23.1 °C

**DASY5 Configuration:**

- Probe: AM1DV3 - 3093; ; Calibrated: 2012-4-19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

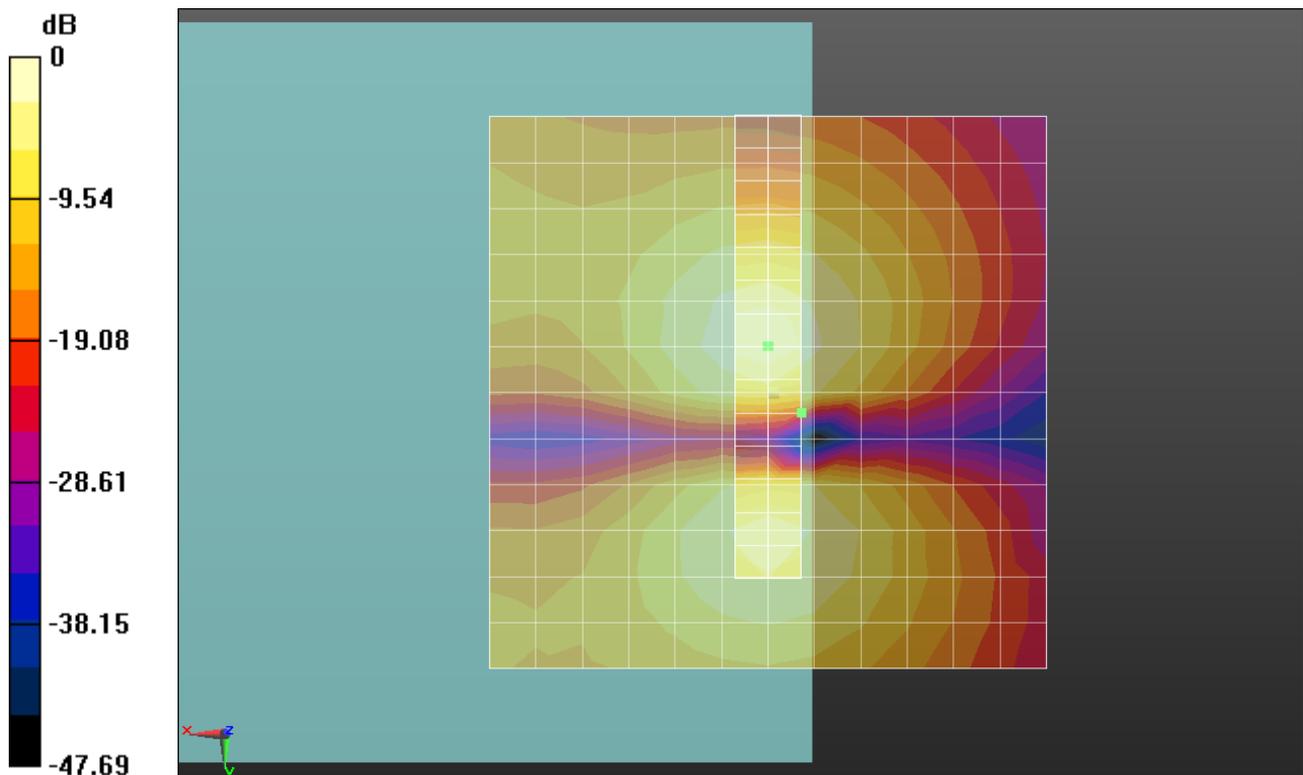
**Ch128/y (transversal) fine 3mm 6 x 42/ABM SNR(x,y,z) (3x15x1):** Measurement grid:

dx=10mm, dy=10mm

ABM1/ABM2 = 22.25 dB

ABM1 comp = -9.68 dBA/m

Location: -3, 1.8, 3.7 mm



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

### #02 HAC\_T-Coil GSM850\_GSM\_Ch189(Z)

#### DUT: 341002B

Communication System: General GSM; Frequency: 836.4 MHz; Duty Cycle: 1:8.3

Medium: Air Medium parameters used:  $\sigma = 0 \text{ S/m}$ ,  $\epsilon_r = 1$ ;  $\rho = 0 \text{ kg/m}^3$

Ambient Temperature : 23.1 °C

#### DASY5 Configuration:

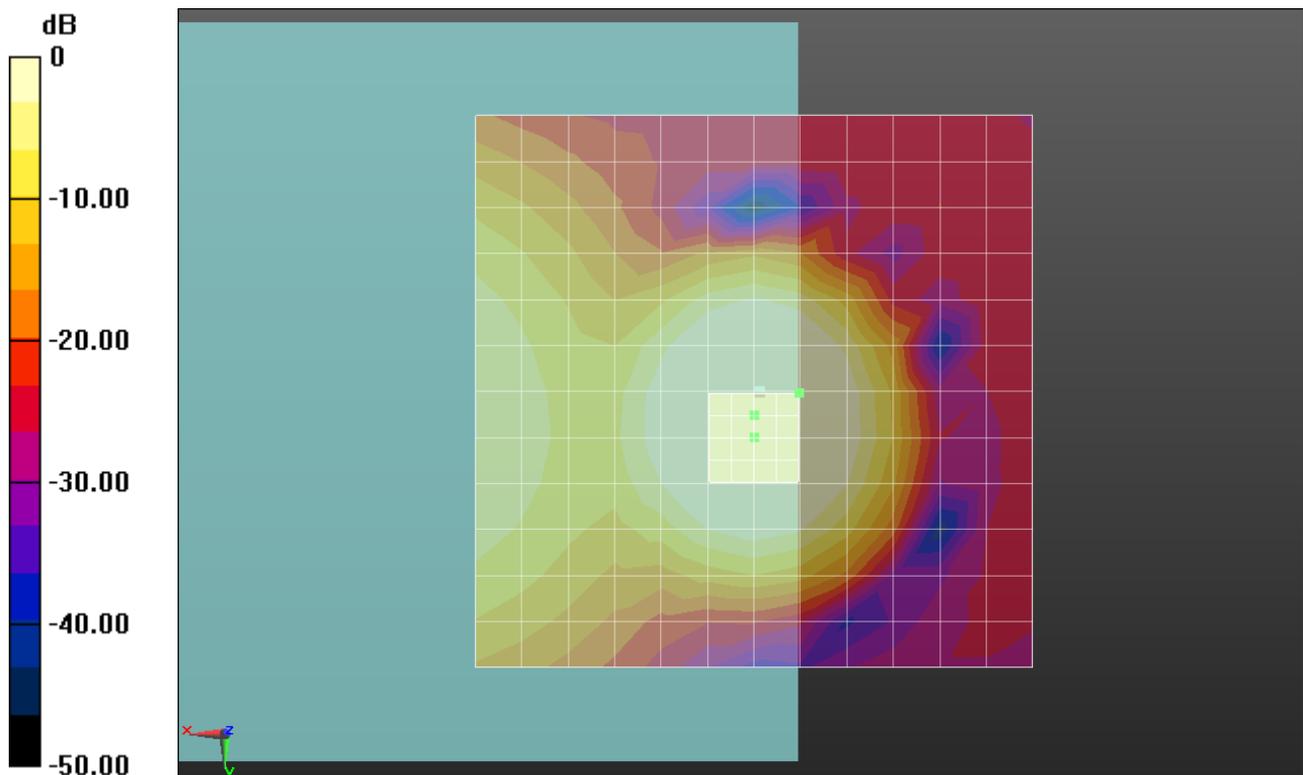
- Probe: AM1DV3 - 3093; ; Calibrated: 2012-4-19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

**Ch189/z (axial) fine 2mm 8 x 8/ABM SNR(x,y,z) (5x5x1):** Measurement grid: dx=10mm, dy=10mm

ABM1/ABM2 = 29.74 dB

ABM1 comp = 5.82 dBA/m

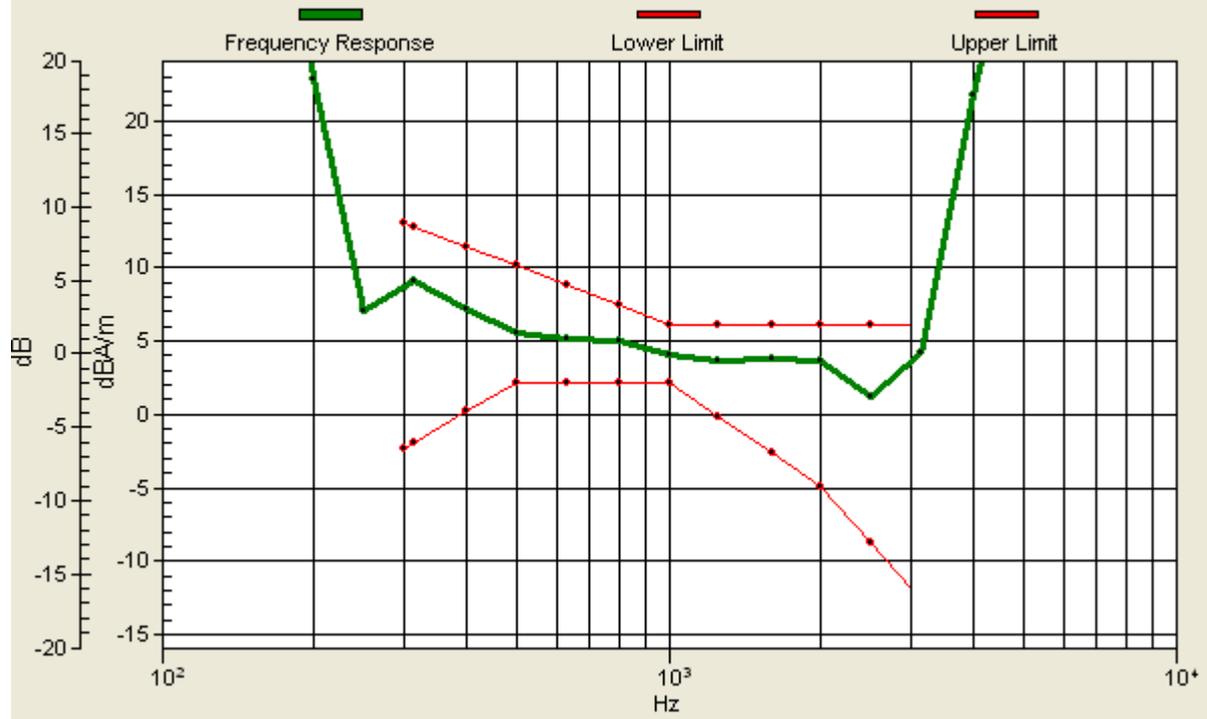
Location: -4, 0.2, 3.7 mm



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

# Ch189/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)

Loc: -4, 0.2, 3.7 mm Diff: 2dB



**#02 HAC\_T-Coil GSM850\_GSM\_Ch189(Y)**

**DUT: 341002B**

Communication System: General GSM; Frequency: 836.4 MHz; Duty Cycle: 1:8.3

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

Ambient Temperature : 23.1 °C

**DASY5 Configuration:**

- Probe: AM1DV3 - 3093; ; Calibrated: 2012-4-19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

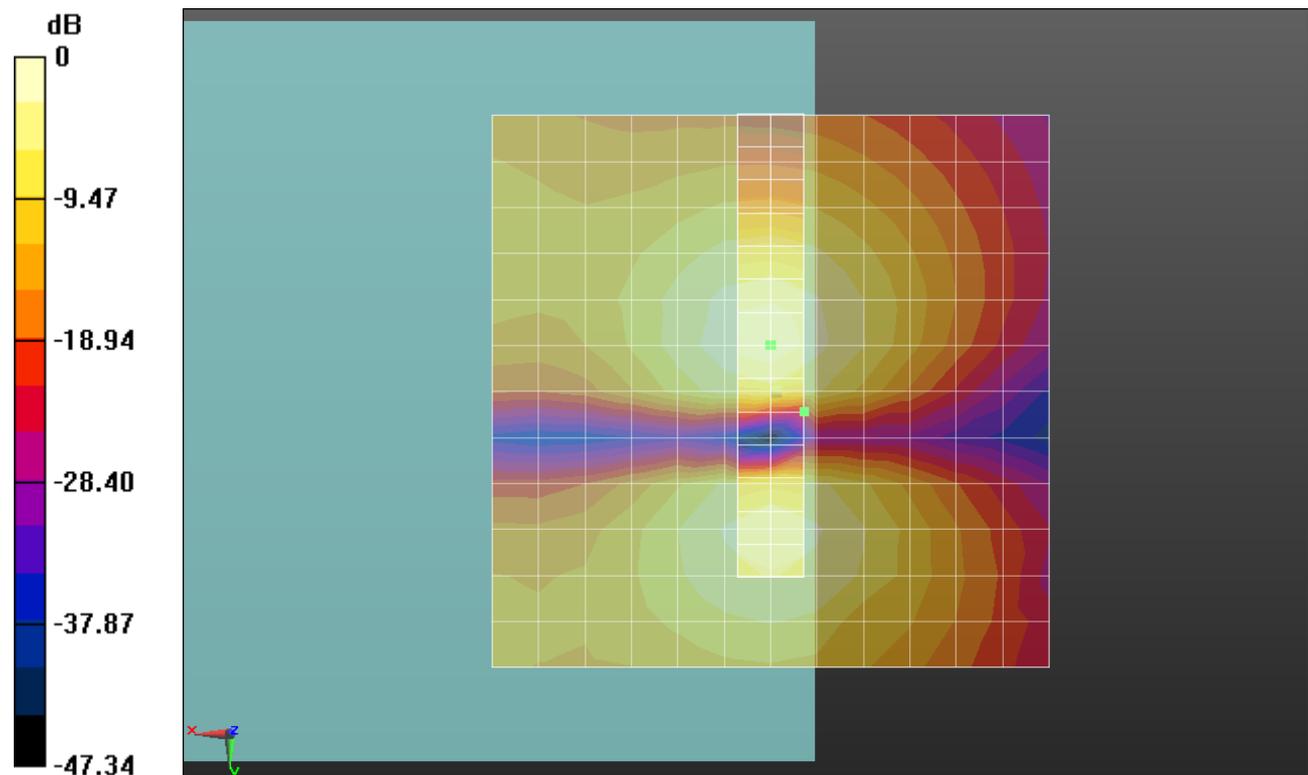
**Ch189/y (transversal) fine 3mm 6 x 42/ABM SNR(x,y,z) (3x15x1):** Measurement grid:

dx=10mm, dy=10mm

ABM1/ABM2 = 22.08 dB

ABM1 comp = -9.74 dBA/m

Location: -3, 1.8, 3.7 mm



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

### #03 HAC\_T-Coil GSM850\_GSM\_Ch251(Z)

#### DUT: 341002B

Communication System: General GSM; Frequency: 848.8 MHz; Duty Cycle: 1:8.3

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

Ambient Temperature : 23.1 °C

#### DASY5 Configuration:

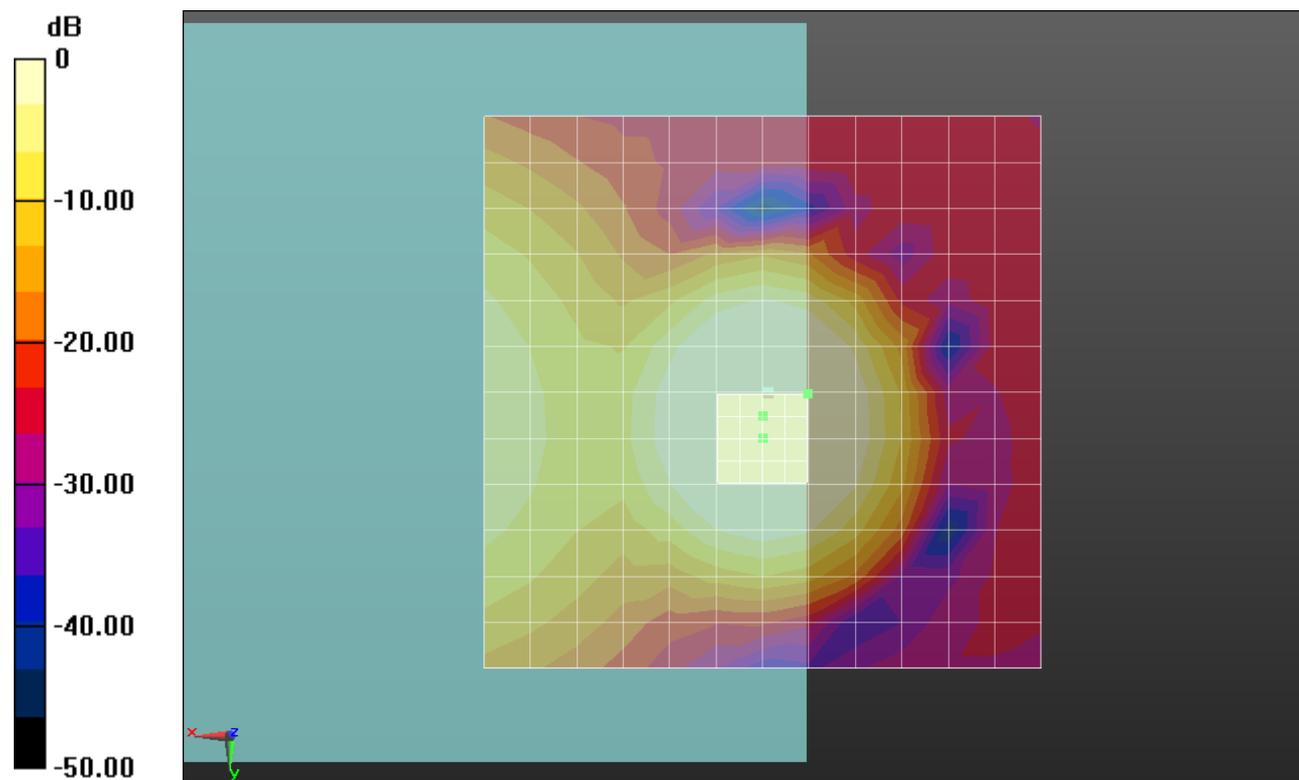
- Probe: AM1DV3 - 3093; ; Calibrated: 2012-4-19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

**Ch251/z (axial) fine 2mm 8 x 8/ABM SNR(x,y,z) (5x5x1):** Measurement grid: dx=10mm, dy=10mm

ABM1/ABM2 = 30.36 dB

ABM1 comp = 5.73 dBA/m

Location: -4, 0.2, 3.7 mm



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

# Ch251/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)

Loc: -4, 0.2, 3.7 mm Diff: 2dB



### #03 HAC\_T-Coil GSM850\_GSM\_Ch251(Y)

#### DUT: 341002B

Communication System: General GSM; Frequency: 848.8 MHz; Duty Cycle: 1:8.3

Medium: Air Medium parameters used:  $\sigma = 0 \text{ S/m}$ ,  $\epsilon_r = 1$ ;  $\rho = 0 \text{ kg/m}^3$

Ambient Temperature : 23.1 °C

#### DASY5 Configuration:

- Probe: AM1DV3 - 3093; ; Calibrated: 2012-4-19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

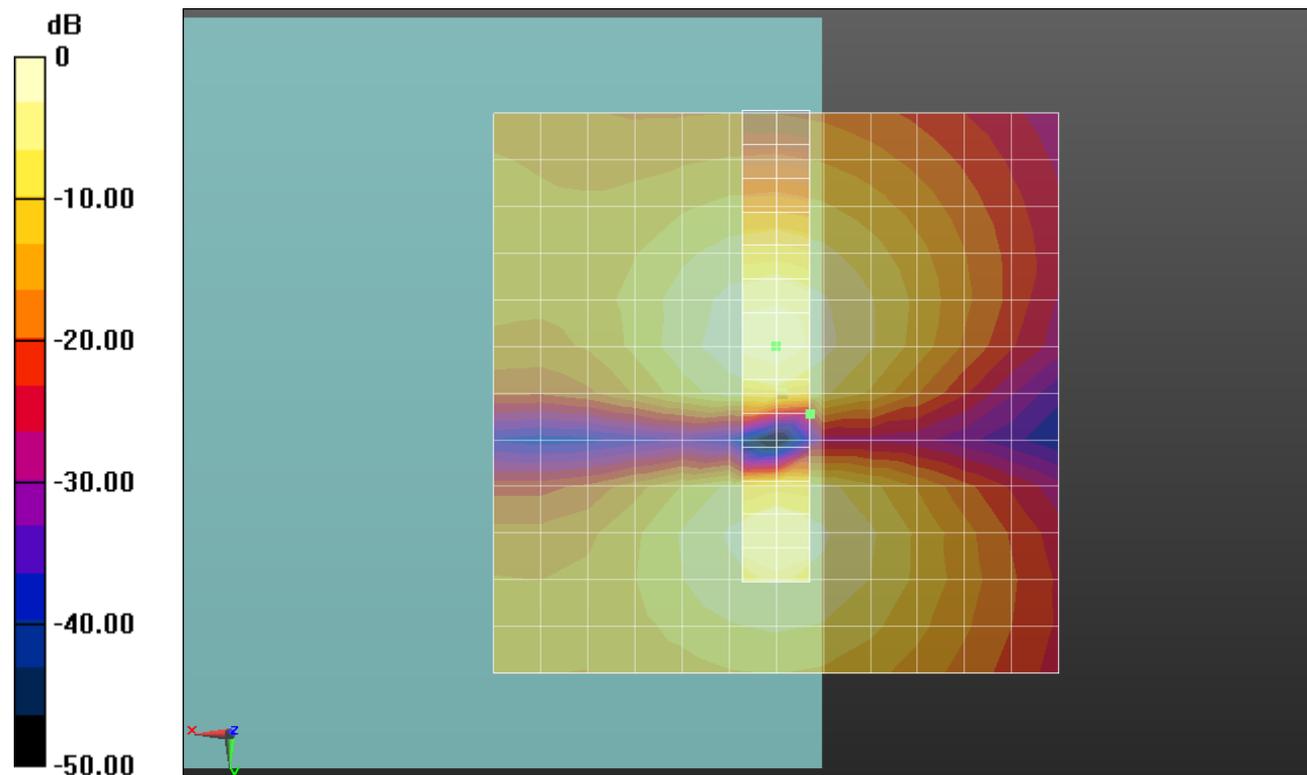
#### Ch251/y (transversal) fine 3mm 6 x 42/ABM SNR(x,y,z) (3x15x1): Measurement grid:

dx=10mm, dy=10mm

ABM1/ABM2 = 22.69 dB

ABM1 comp = -9.70 dBA/m

Location: -3, 1.8, 3.7 mm



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

**#04 HAC\_T-Coil GSM1900\_GSM\_Ch512(Z)**

**DUT: 341002B**

Communication System: General GSM; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium: Air Medium parameters used:  $\sigma = 0 \text{ S/m}$ ,  $\epsilon_r = 1$ ;  $\rho = 0 \text{ kg/m}^3$

Ambient Temperature : 23.1 °C

**DASY5 Configuration:**

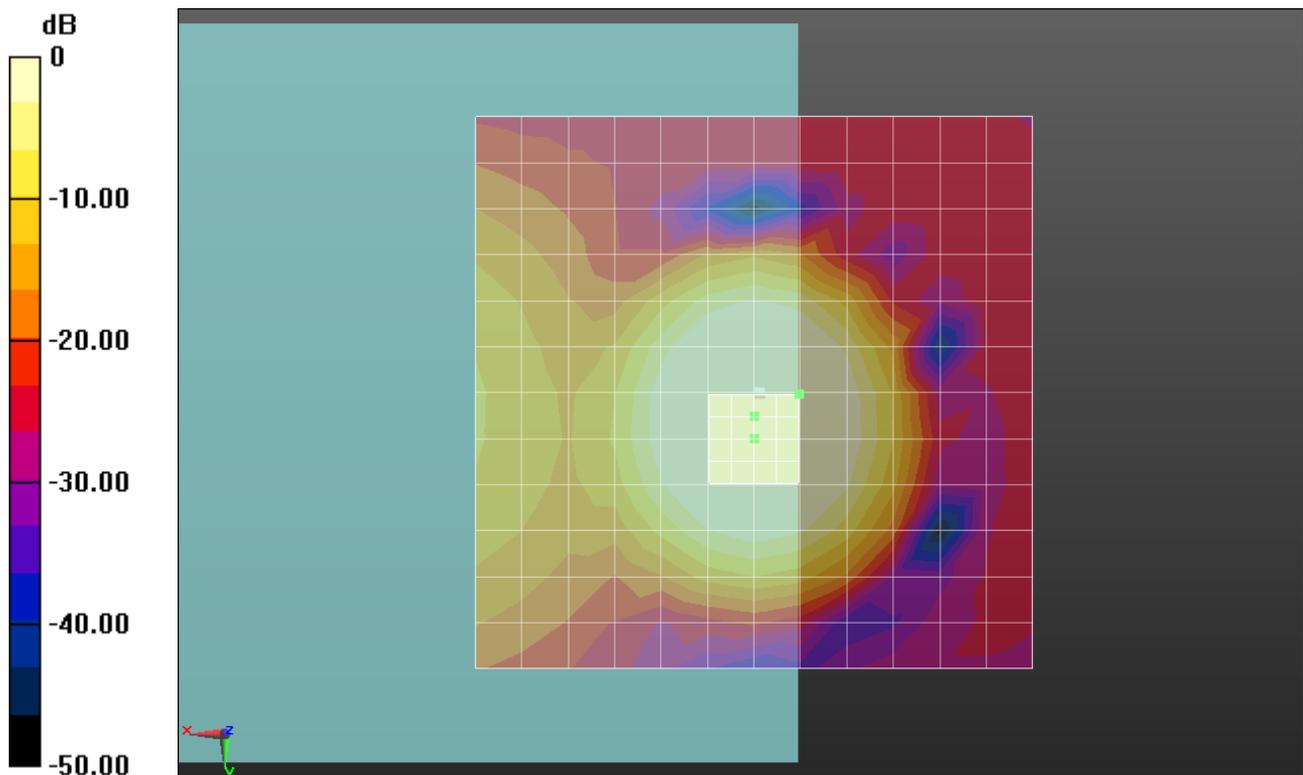
- Probe: AM1DV3 - 3093; ; Calibrated: 2012-4-19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

**Ch512/z (axial) fine 2mm 8 x 8/ABM SNR(x,y,z) (5x5x1):** Measurement grid: dx=10mm, dy=10mm

ABM1/ABM2 = 35.84 dB

ABM1 comp = 5.79 dBA/m

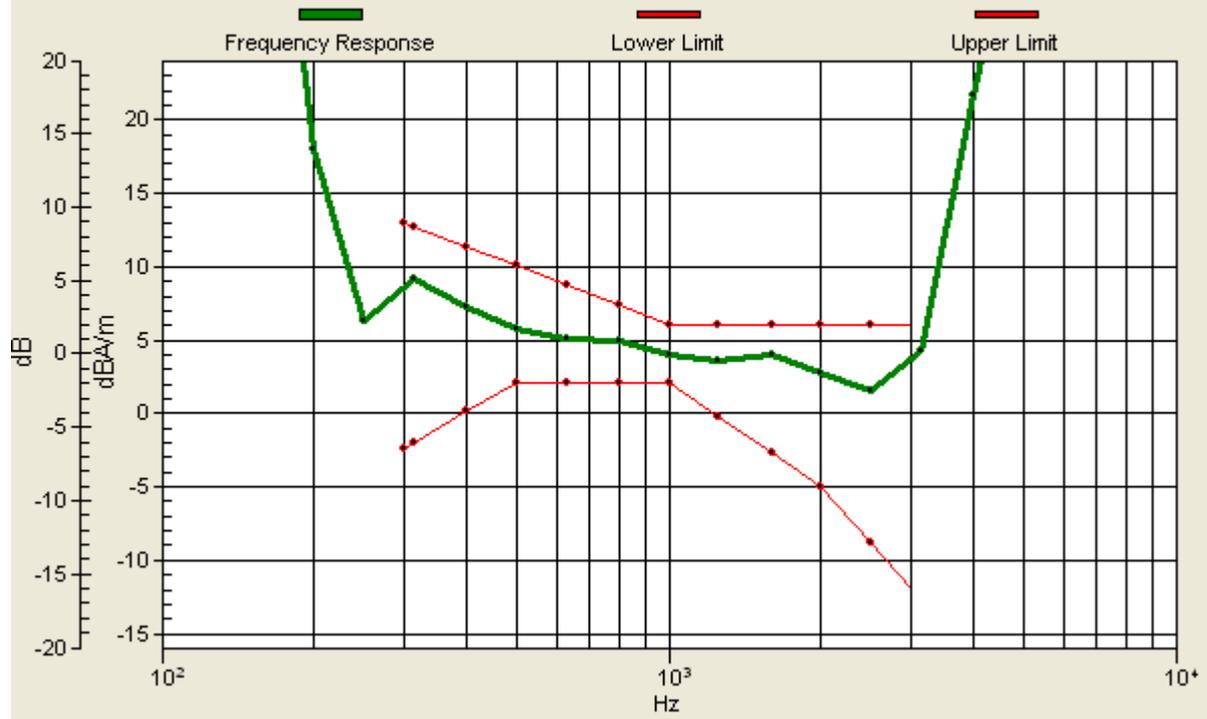
Location: -4, 0.2, 3.7 mm



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

# Ch512/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)

Loc: -4, 0.2, 3.7 mm Diff: 2dB



**#04 HAC\_T-Coil GSM1900\_GSM\_Ch512(Y)**

**DUT: 341002B**

Communication System: General GSM; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium: Air Medium parameters used:  $\sigma = 0 \text{ S/m}$ ,  $\epsilon_r = 1$ ;  $\rho = 0 \text{ kg/m}^3$

Ambient Temperature : 23.1 °C

**DASY5 Configuration:**

- Probe: AM1DV3 - 3093; ; Calibrated: 2012-4-19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

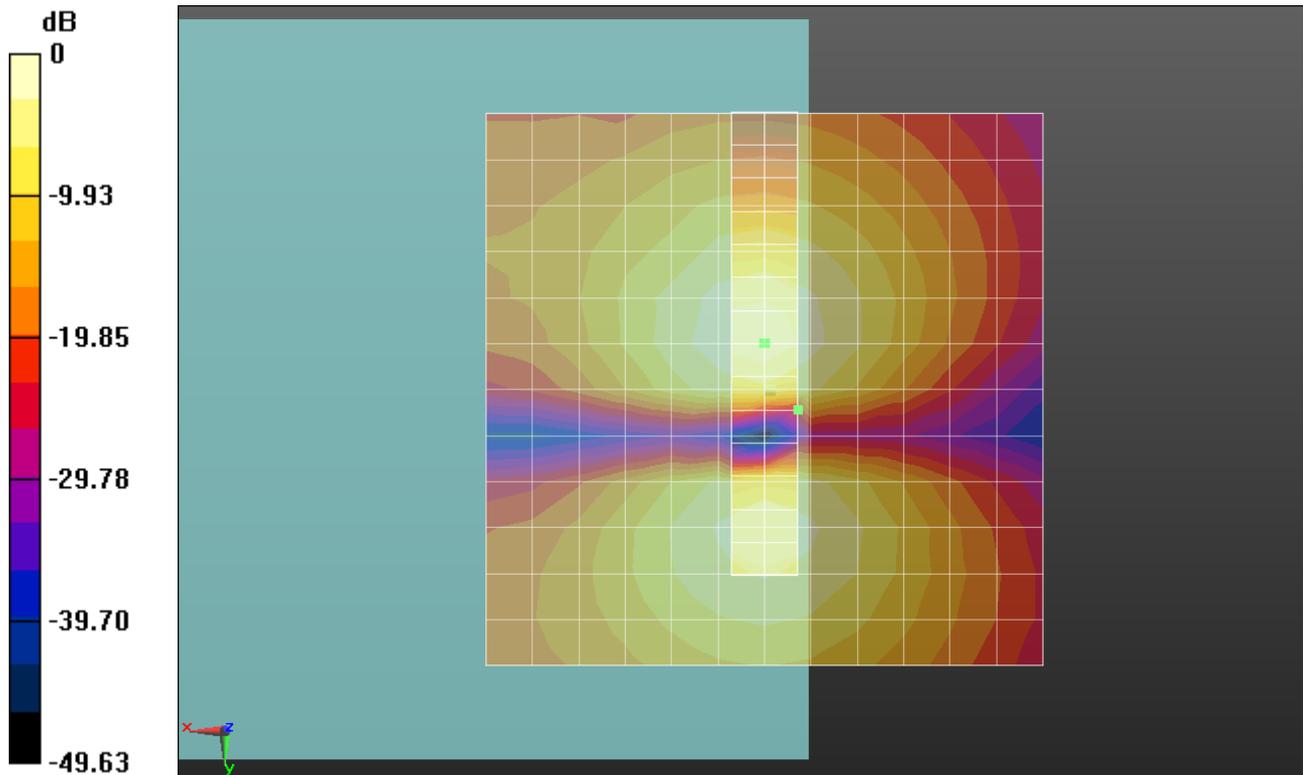
**Ch512/y (transversal) fine 3mm 6 x 42/ABM SNR(x,y,z) (3x15x1):** Measurement grid:

dx=10mm, dy=10mm

ABM1/ABM2 = 28.18 dB

ABM1 comp = -9.65 dBA/m

Location: -3, 1.8, 3.7 mm



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

**#05 HAC\_T-Coil GSM1900\_GSM\_Ch661(Z)**

**DUT: 341002B**

Communication System: General GSM; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium: Air Medium parameters used:  $\sigma = 0 \text{ S/m}$ ,  $\epsilon_r = 1$ ;  $\rho = 0 \text{ kg/m}^3$

Ambient Temperature : 23.1 °C

DASY5 Configuration:

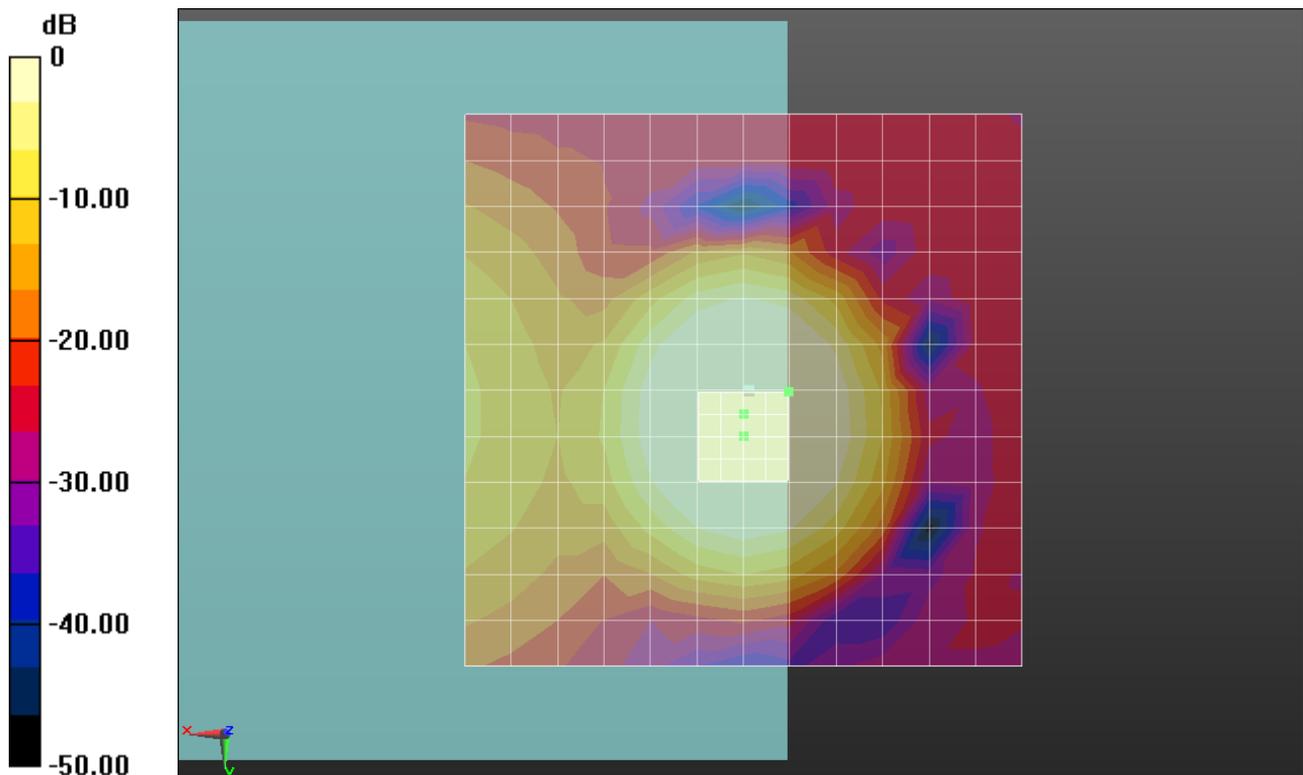
- Probe: AM1DV3 - 3093; ; Calibrated: 2012-4-19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

**Ch661/z (axial) fine 2mm 8 x 8/ABM SNR(x,y,z) (5x5x1):** Measurement grid: dx=10mm, dy=10mm

ABM1/ABM2 = 35.42 dB

ABM1 comp = 5.71 dBA/m

Location: -4, 0.2, 3.7 mm



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

# Ch661/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)

Loc: -4, 0.2, 3.7 mm Diff: 1.74dB



**#05 HAC\_T-Coil GSM1900\_GSM\_Ch661(Y)**

**DUT: 341002B**

Communication System: General GSM; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium: Air Medium parameters used:  $\sigma = 0 \text{ S/m}$ ,  $\epsilon_r = 1$ ;  $\rho = 0 \text{ kg/m}^3$

Ambient Temperature : 23.1 °C

**DASY5 Configuration:**

- Probe: AM1DV3 - 3093; ; Calibrated: 2012-4-19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

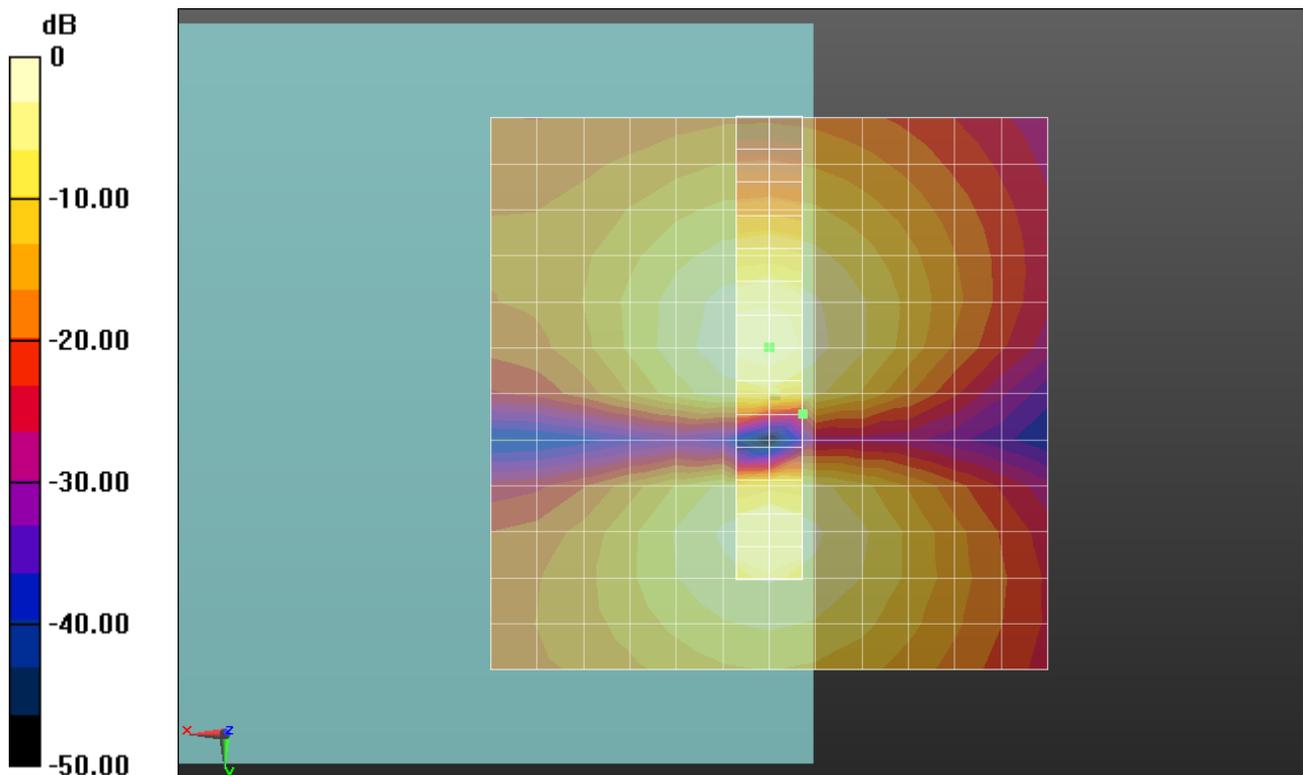
**Ch661/y (transversal) fine 3mm 6 x 42/ABM SNR(x,y,z) (3x15x1):** Measurement grid:

dx=10mm, dy=10mm

ABM1/ABM2 = 27.97 dB

ABM1 comp = -9.74 dBA/m

Location: -3, 1.8, 3.7 mm



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

**#06 HAC\_T-Coil GSM1900\_GSM\_Ch810(Z)**

**DUT: 341002B**

Communication System: General GSM; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

Medium: Air Medium parameters used:  $\sigma = 0 \text{ S/m}$ ,  $\epsilon_r = 1$ ;  $\rho = 0 \text{ kg/m}^3$

Ambient Temperature : 23.1 °C

**DASY5 Configuration:**

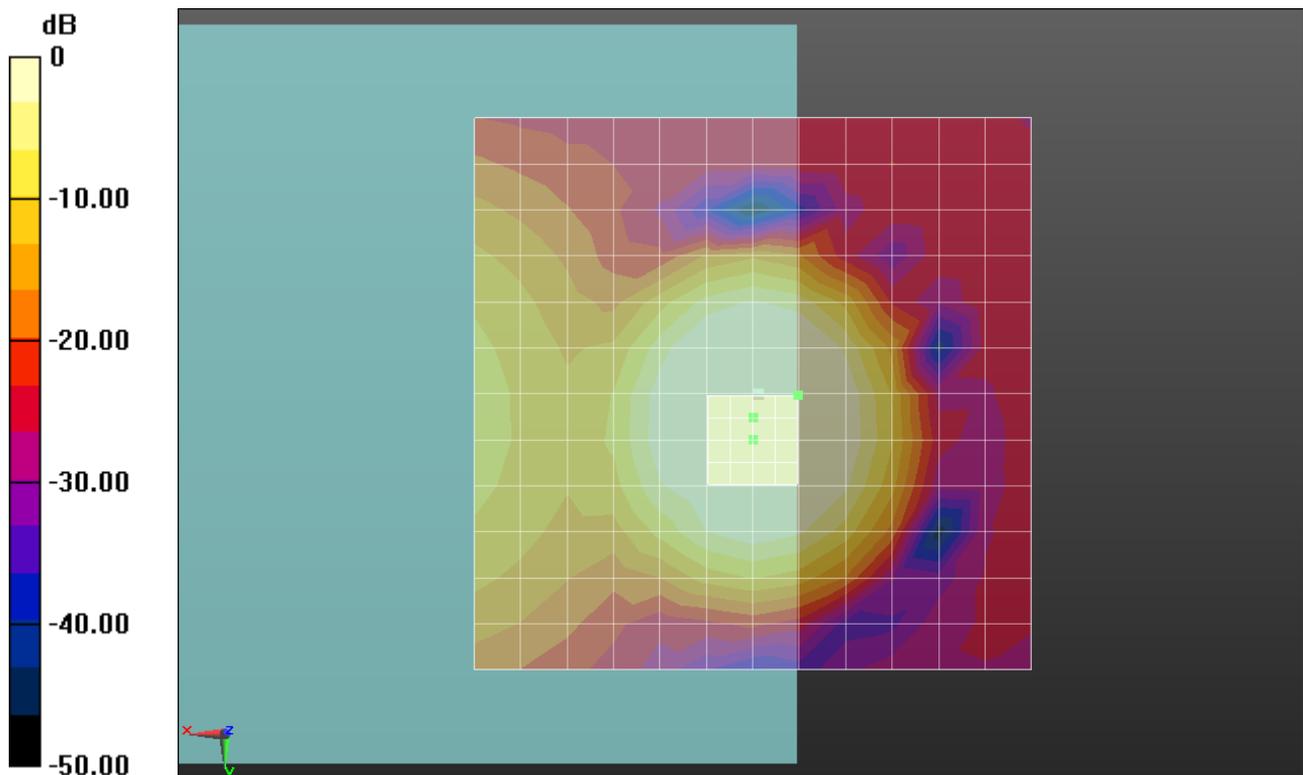
- Probe: AM1DV3 - 3093; ; Calibrated: 2012-4-19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

**Ch810/z (axial) fine 2mm 8 x 8/ABM SNR(x,y,z) (5x5x1):** Measurement grid: dx=10mm, dy=10mm

ABM1/ABM2 = 34.64 dB

ABM1 comp = 5.79 dBA/m

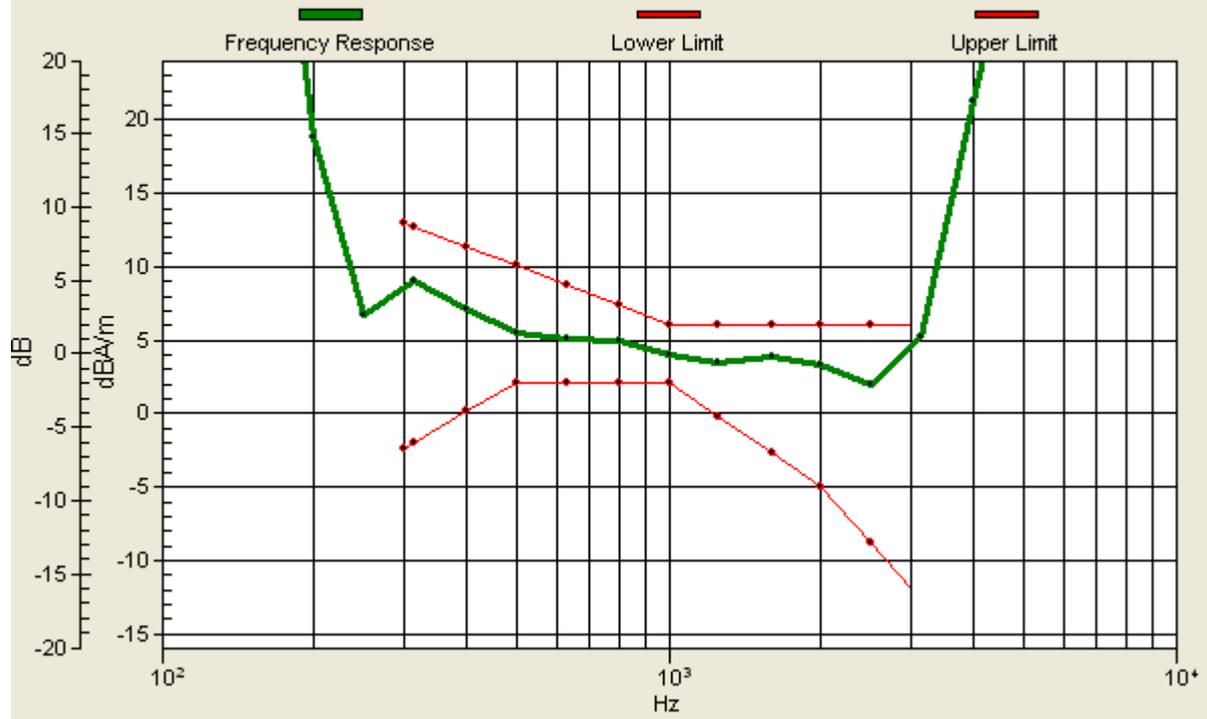
Location: -4, 0.2, 3.7 mm



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

# Ch810/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)

Loc: -4, 0.2, 3.7 mm Diff: 1.66dB



**#06 HAC\_T-Coil GSM1900\_GSM\_Ch810(Y)**

**DUT: 341002B**

Communication System: General GSM; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

Medium: Air Medium parameters used:  $\sigma = 0 \text{ S/m}$ ,  $\epsilon_r = 1$ ;  $\rho = 0 \text{ kg/m}^3$

Ambient Temperature : 23.1 °C

**DASY5 Configuration:**

- Probe: AM1DV3 - 3093; ; Calibrated: 2012-4-19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

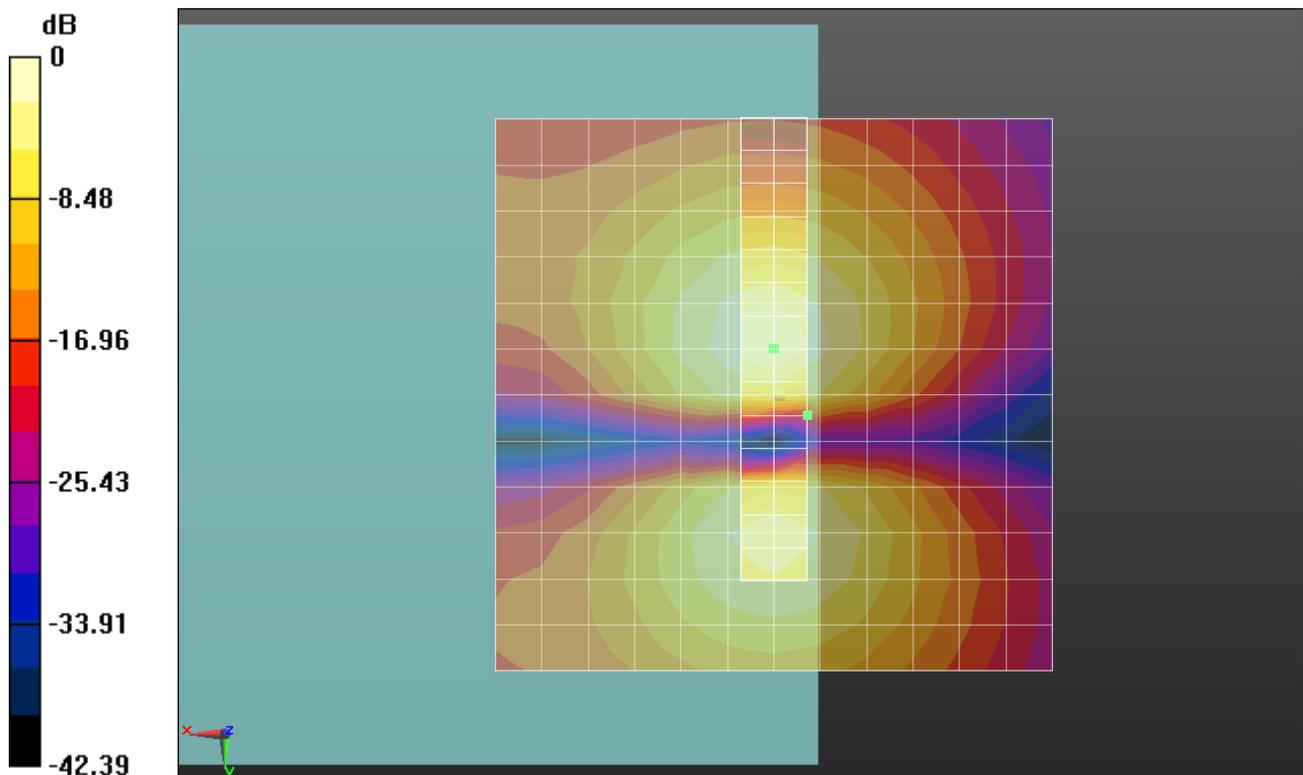
**Ch810/y (transversal) fine 3mm 6 x 42/ABM SNR(x,y,z) (3x15x1):** Measurement grid:

dx=10mm, dy=10mm

ABM1/ABM2 = 27.19 dB

ABM1 comp = -9.63 dBA/m

Location: -3, 1.8, 3.7 mm



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

**#07 HAC\_T-Coil WCDMA V\_RMC12.2K\_Ch4132(Z)**

**DUT: 341002B**

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

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

Ambient Temperature : 23.1 °C

**DASY5 Configuration:**

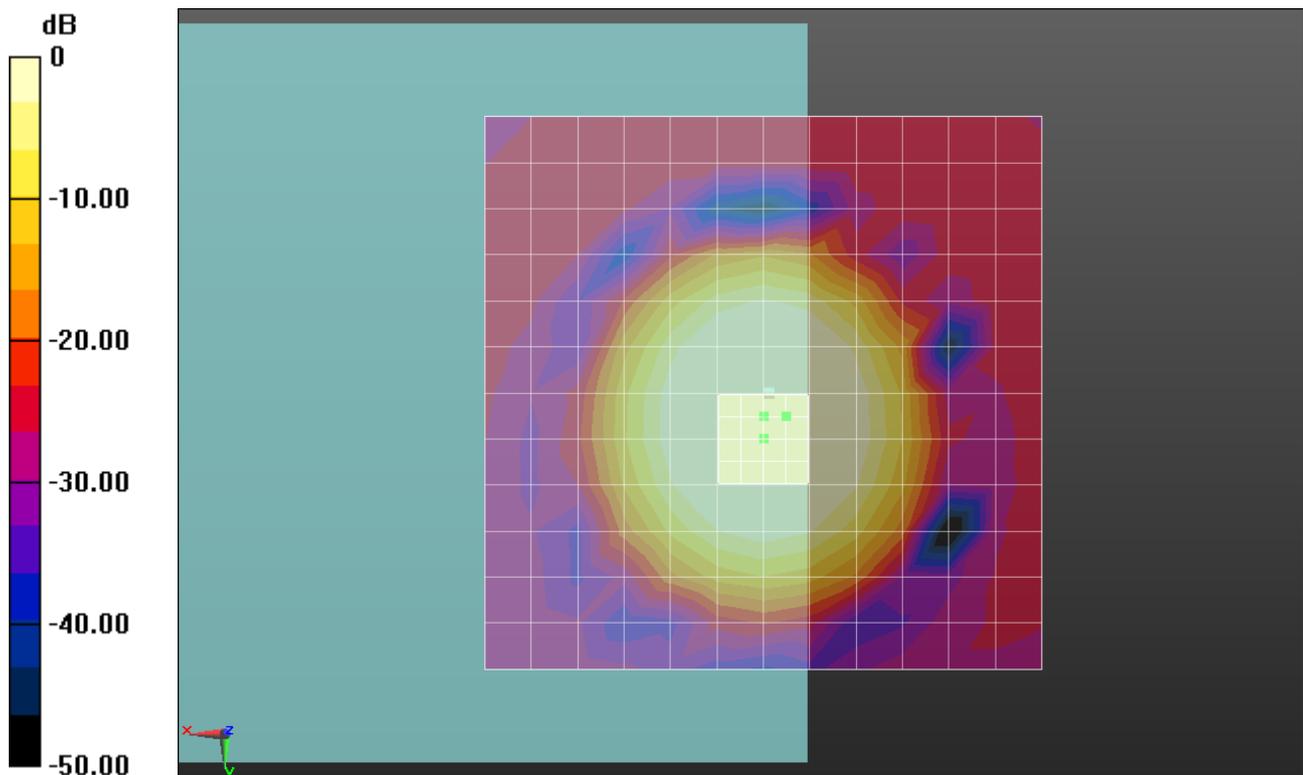
- Probe: AM1DV3 - 3093; ; Calibrated: 2012-4-19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

**Ch4132/z (axial) fine 2mm 8 x 8/ABM SNR(x,y,z) (5x5x1):** Measurement grid: dx=10mm, dy=10mm

ABM1/ABM2 = 49.23 dB

ABM1 comp = 7.52 dBA/m

Location: -2, 2.2, 3.7 mm



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

### Ch4132/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)

Loc: -2, 2.2, 3.7 mm Diff: 0.49dB



### Ch4132/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)

Loc: -2, 2.2, 3.7 mm Diff: 0.49dB



**#07 HAC\_T-Coil WCDMA V\_RMC12.2K\_Ch4132(Y)**

**DUT: 341002B**

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

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

Ambient Temperature : 23.1 °C

**DASY5 Configuration:**

- Probe: AM1DV3 - 3093; ; Calibrated: 2012-4-19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

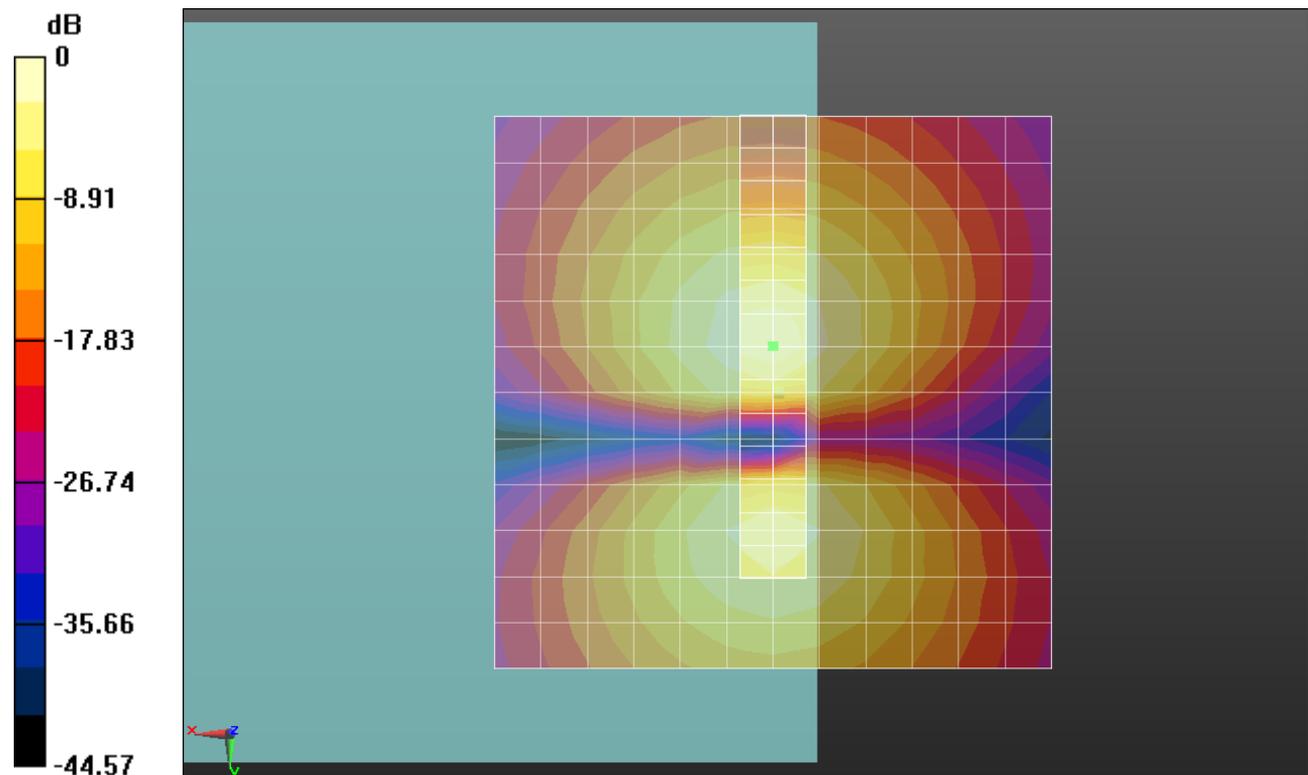
**Ch4132/y (transversal) fine 3mm 6 x 42/ABM SNR(x,y,z) (3x15x1):** Measurement grid:

dx=10mm, dy=10mm

ABM1/ABM2 = 44.50 dB

ABM1 comp = -0.43 dBA/m

Location: 0, -4.2, 3.7 mm



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

**#08 HAC\_T-Coil WCDMA V\_RMC12.2K\_Ch4182(Z)**

**DUT: 341002B**

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

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

Ambient Temperature : 23.1 °C

**DASY5 Configuration:**

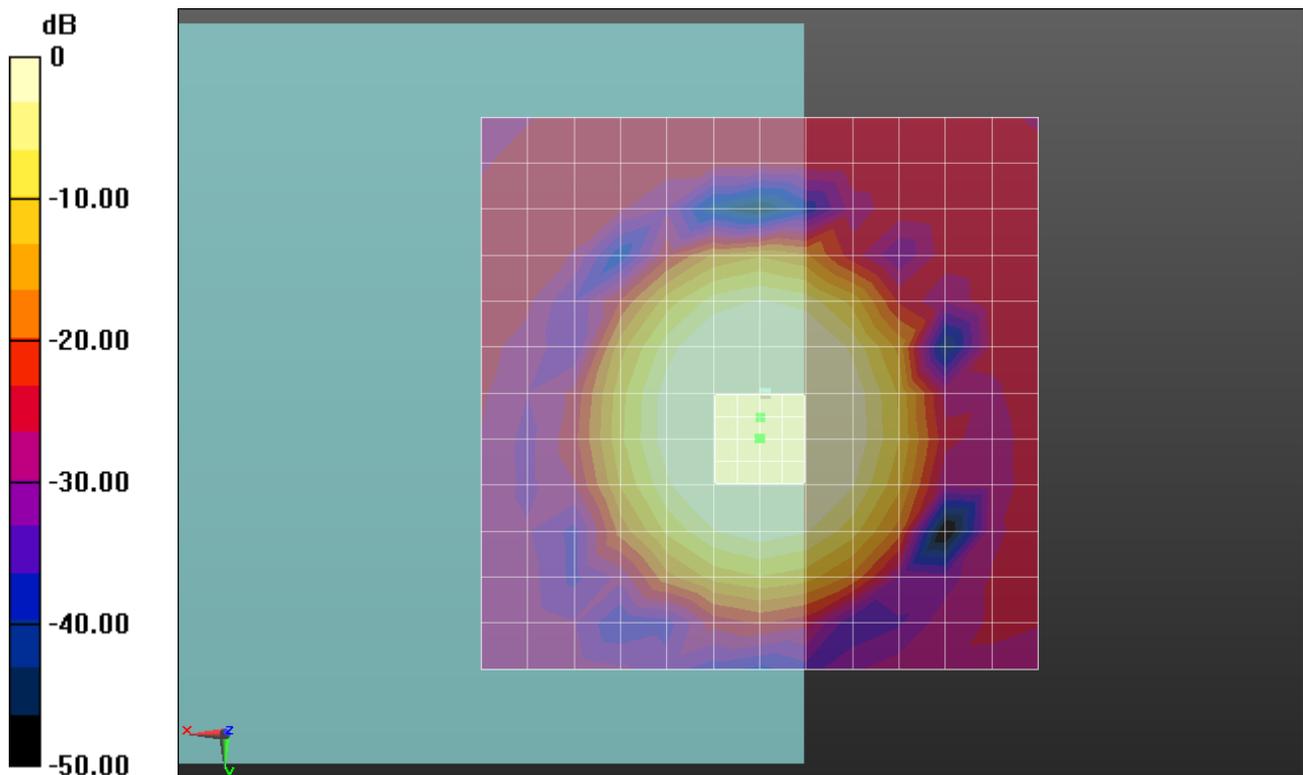
- Probe: AM1DV3 - 3093; ; Calibrated: 2012-4-19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

**Ch4182/z (axial) fine 2mm 8 x 8/ABM SNR(x,y,z) (5x5x1):** Measurement grid: dx=10mm, dy=10mm

ABM1/ABM2 = 48.97 dB

ABM1 comp = 7.56 dBA/m

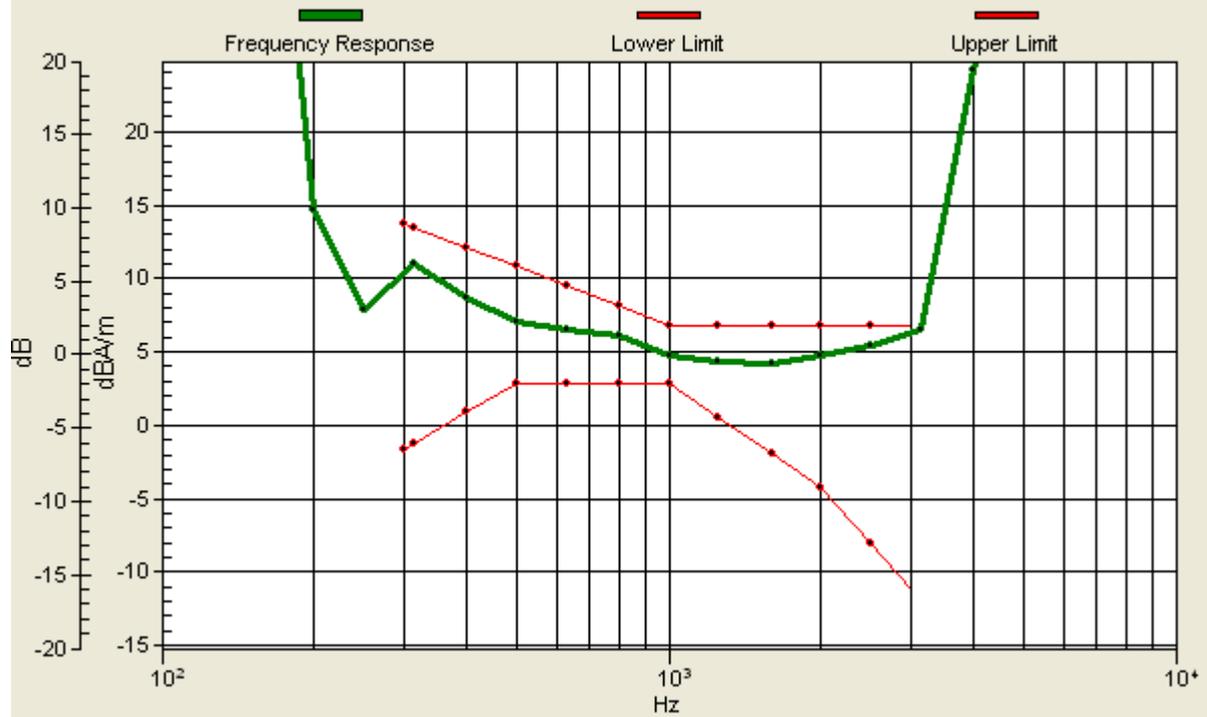
Location: 0, 4.2, 3.7 mm



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

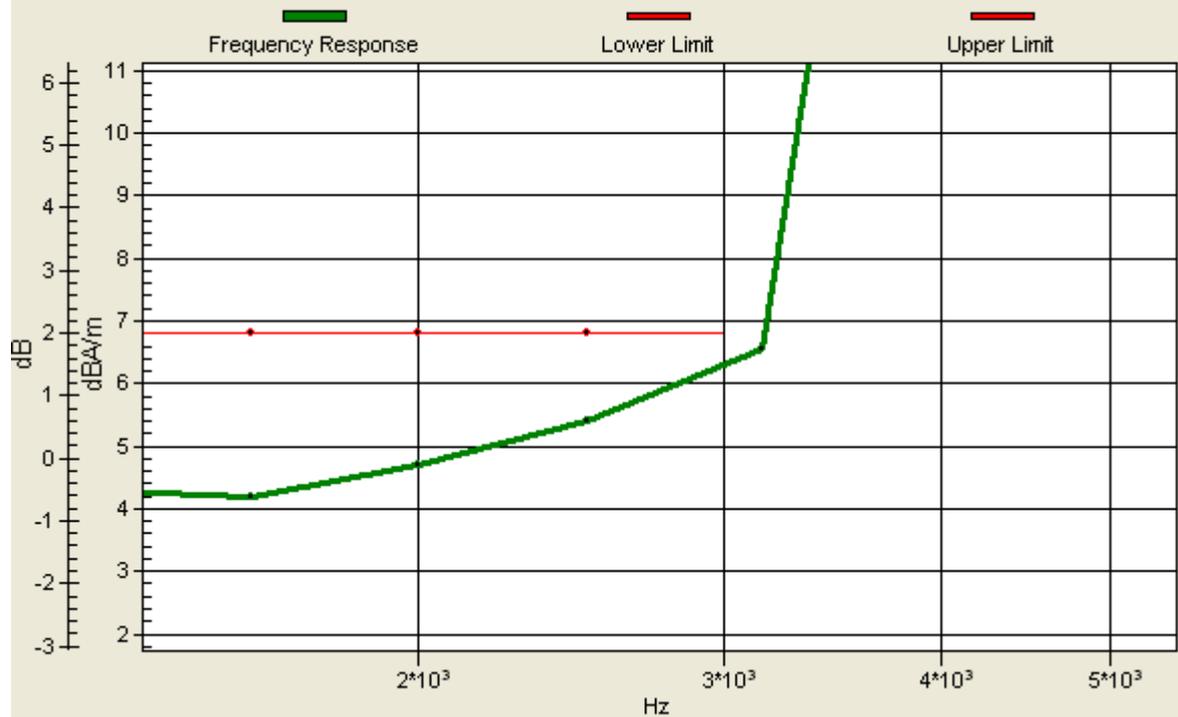
### Ch4182/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)

Loc: 0, 4.2, 3.7 mm Diff: 0.52dB



### Ch4182/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)

Loc: 0, 4.2, 3.7 mm Diff: 0.52dB



**#08 HAC\_T-Coil WCDMA V\_RMC12.2K\_Ch4182(Y)**

**DUT: 341002B**

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

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

Ambient Temperature : 23.1 °C

**DASY5 Configuration:**

- Probe: AM1DV3 - 3093; ; Calibrated: 2012-4-19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

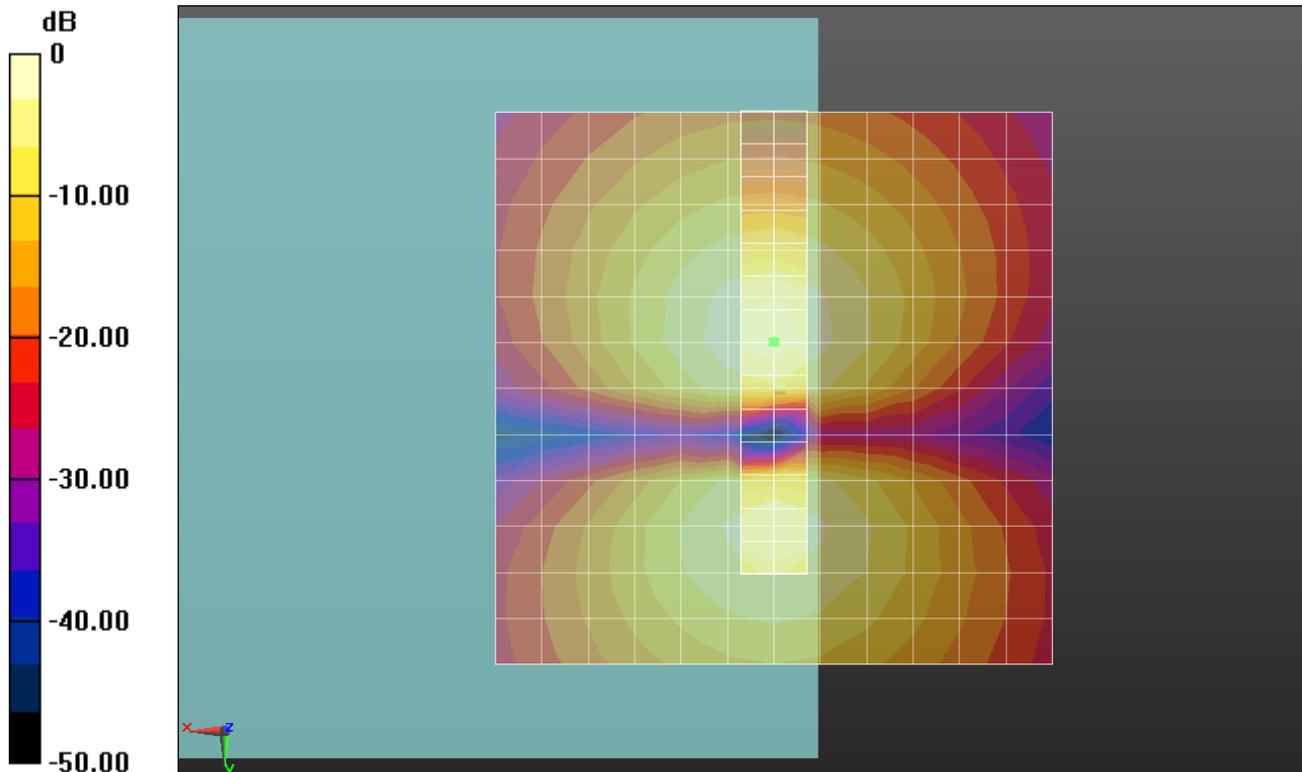
**Ch4182/y (transversal) fine 3mm 6 x 42/ABM SNR(x,y,z) (3x15x1):** Measurement grid:

dx=10mm, dy=10mm

ABM1/ABM2 = 43.99 dB

ABM1 comp = -0.42 dBA/m

Location: 0, -4.2, 3.7 mm



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

**#09 HAC\_T-Coil WCDMA V\_RMC12.2K\_Ch4233(Z)**

**DUT: 341002B**

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

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

Ambient Temperature : 23.1 °C

**DASY5 Configuration:**

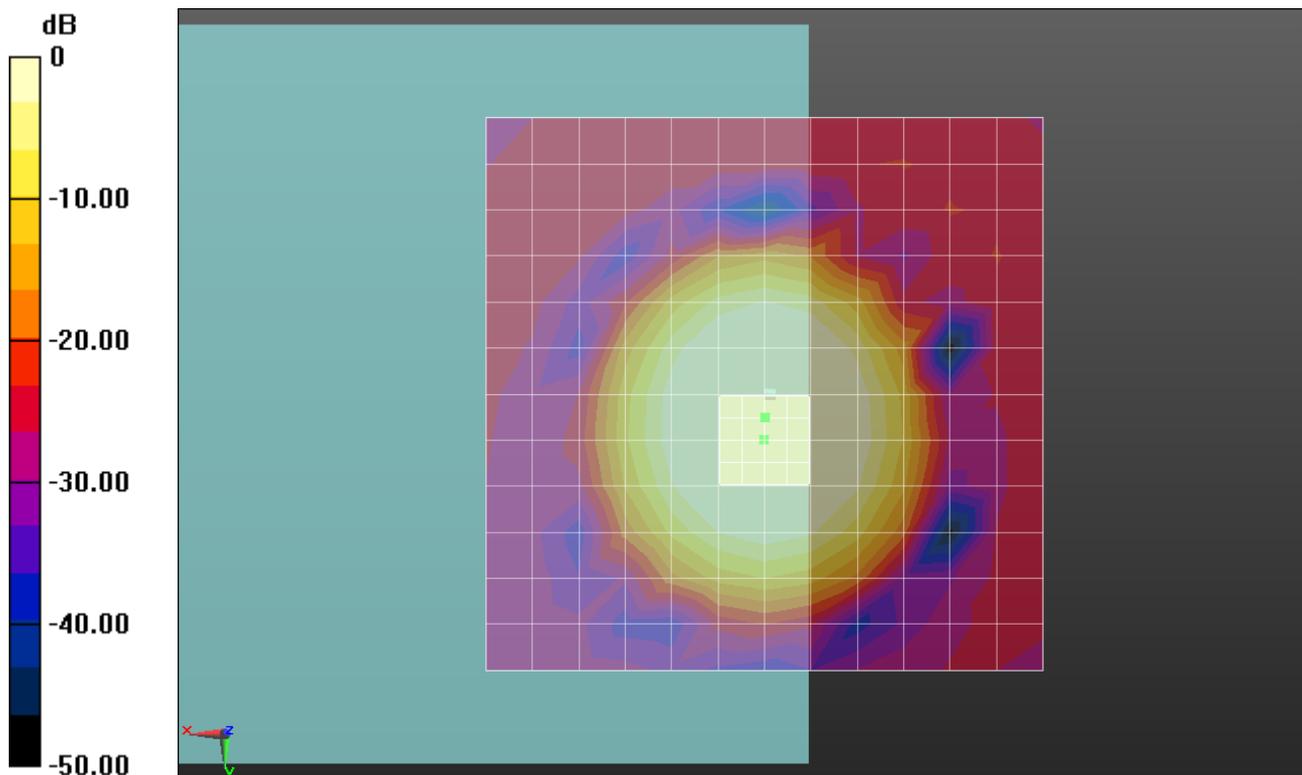
- Probe: AM1DV3 - 3093; ; Calibrated: 2012-4-19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

**Ch4233/z (axial) fine 2mm 8 x 8/ABM SNR(x,y,z) (5x5x1):** Measurement grid: dx=10mm, dy=10mm

ABM1/ABM2 = 48.91 dB

ABM1 comp = 8.02 dBA/m

Location: 0, 2.2, 3.7 mm



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

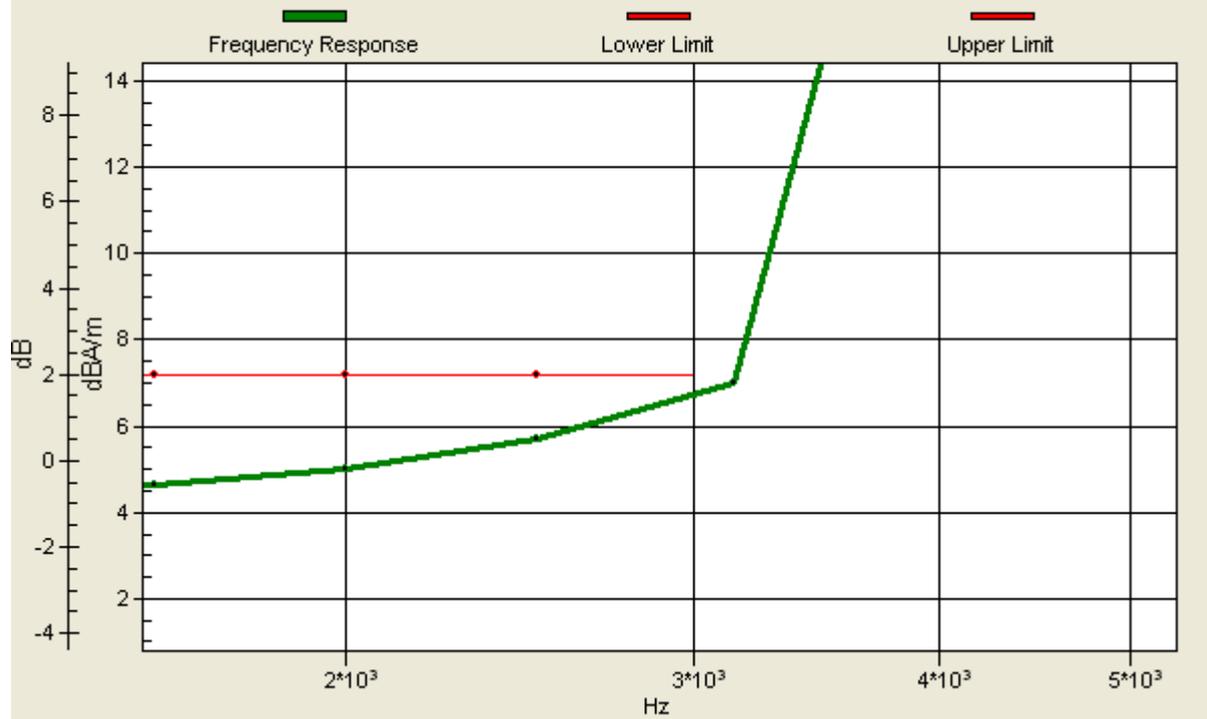
### Ch4233/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)

Loc: 0, 2.2, 3.7 mm Diff: 0.5dB



### Ch4233/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)

Loc: 0, 2.2, 3.7 mm Diff: 0.5dB



**#09 HAC\_T-Coil WCDMA V\_RMC12.2K\_Ch4233(Y)**

**DUT: 341002B**

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

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

Ambient Temperature : 23.1 °C

**DASY5 Configuration:**

- Probe: AM1DV3 - 3093; ; Calibrated: 2012-4-19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

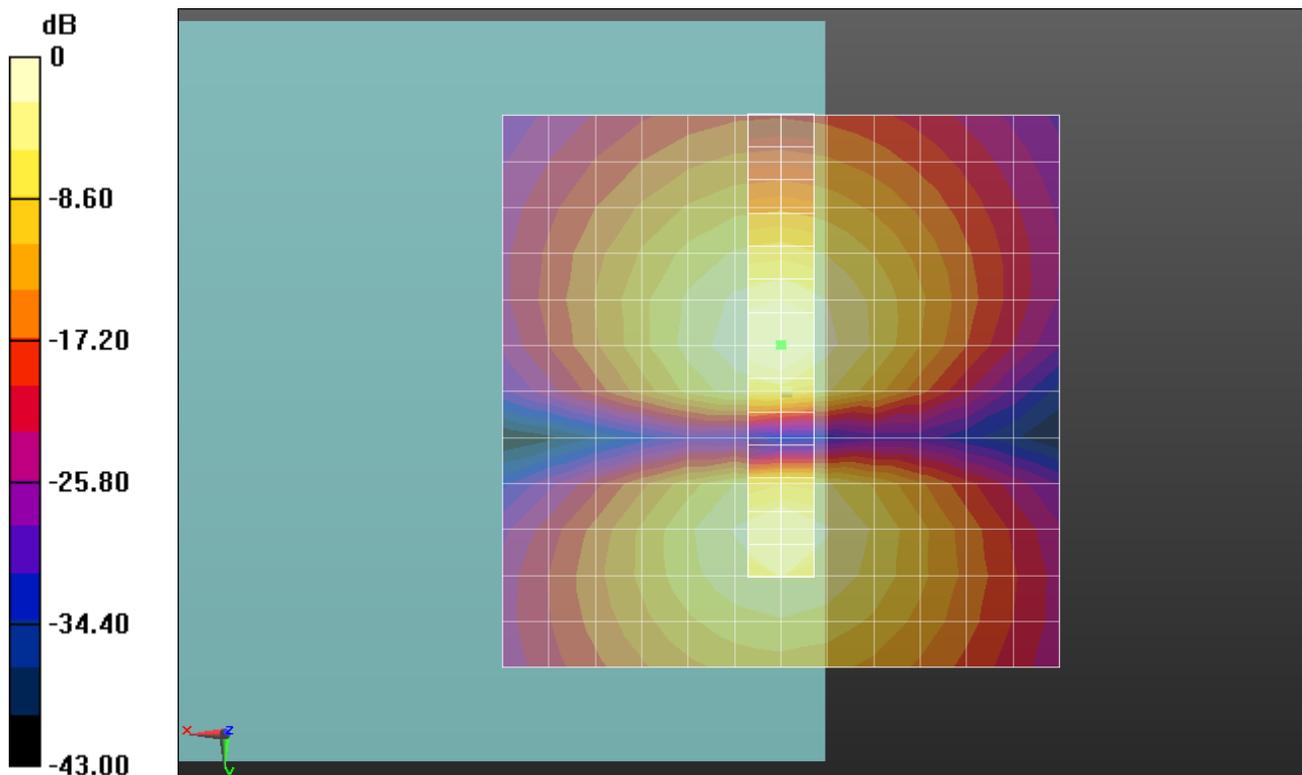
**Ch4233/y (transversal) fine 3mm 6 x 42/ABM SNR(x,y,z) (3x15x1):** Measurement grid:

dx=10mm, dy=10mm

ABM1/ABM2 = 43.52 dB

ABM1 comp = -0.15 dBA/m

Location: 0, -4.2, 3.7 mm



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

#10 HAC\_T-Coil WCDMA II\_RMC12.2K\_Ch9262(Z)

**DUT: 341002B**

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

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

Ambient Temperature : 23.1 °C

DASY5 Configuration:

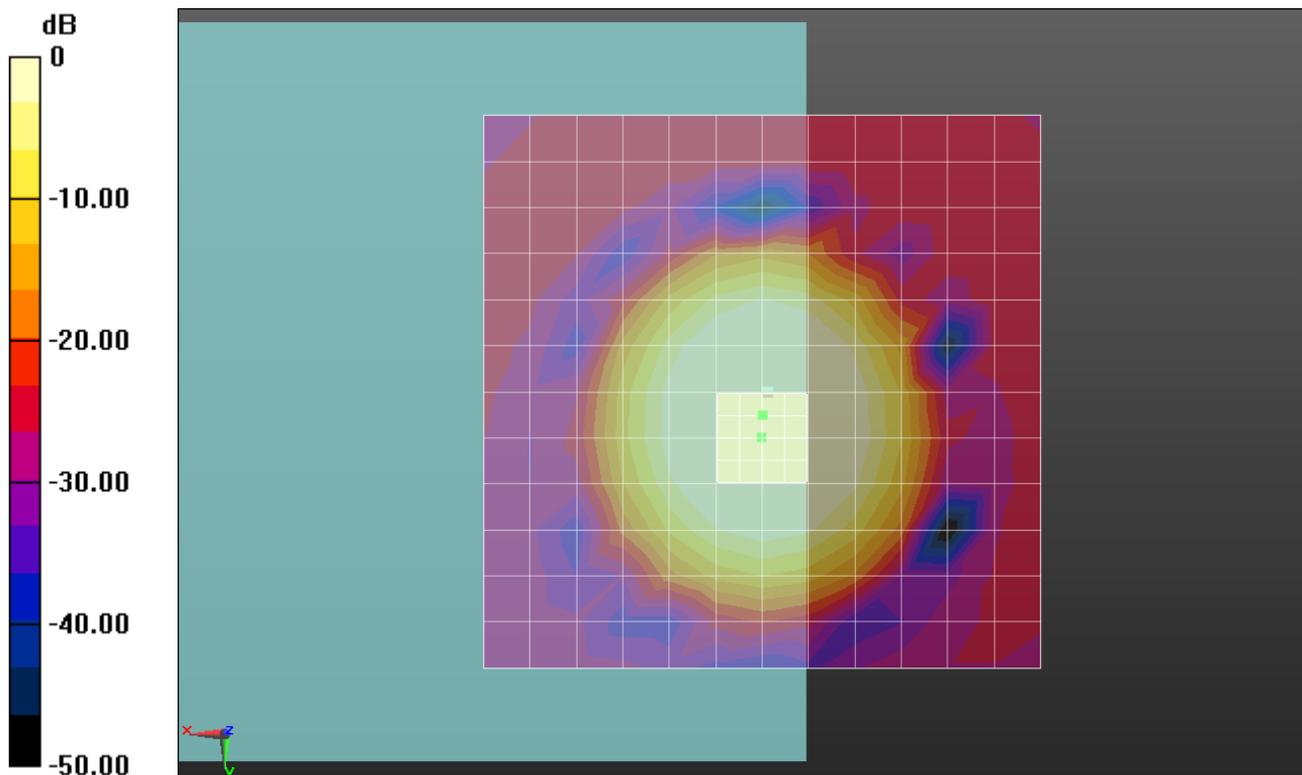
- Probe: AM1DV3 - 3093; ; Calibrated: 2012-4-19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

**Ch9262/z (axial) fine 2mm 8 x 8/ABM SNR(x,y,z) (5x5x1):** Measurement grid: dx=10mm, dy=10mm

ABM1/ABM2 = 47.52 dB

ABM1 comp = 8.00 dBA/m

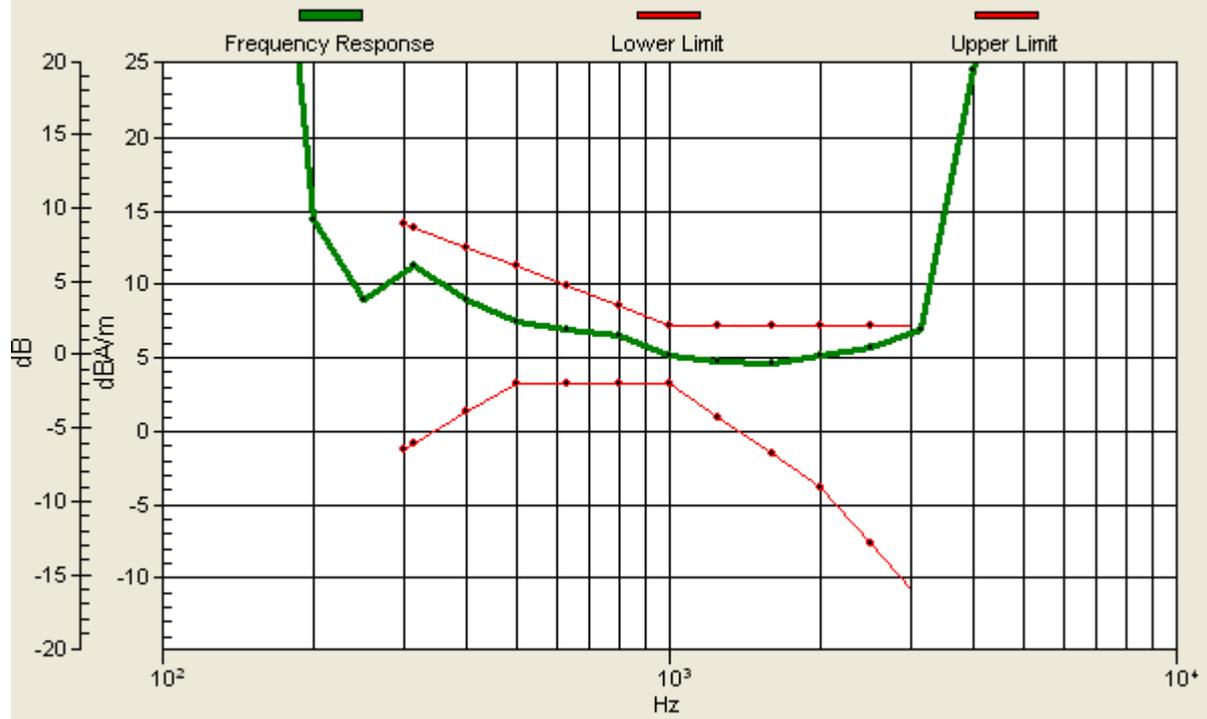
Location: 0, 2.2, 3.7 mm



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

### Ch9262/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)

Loc: 0, 2.2, 3.7 mm Diff: 0.57dB



### Ch9262/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)

Loc: 0, 2.2, 3.7 mm Diff: 0.57dB



#10 HAC\_T-Coil WCDMA II\_RMC12.2K\_Ch9262(Y)

**DUT: 341002B**

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

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

Ambient Temperature : 23.1 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3093; ; Calibrated: 2012-4-19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

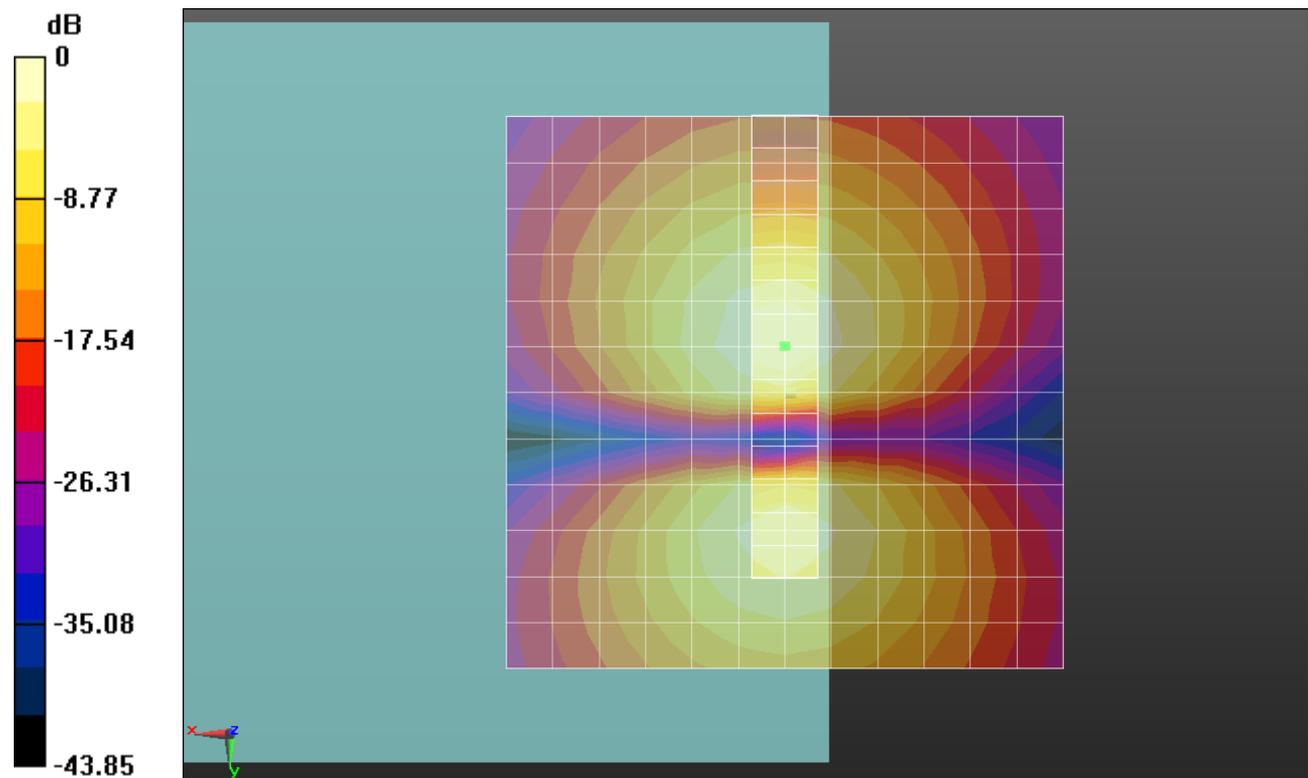
**Ch9262/y (transversal) fine 3mm 6 x 42/ABM SNR(x,y,z) (3x15x1):** Measurement grid:

dx=10mm, dy=10mm

ABM1/ABM2 = 43.66 dB

ABM1 comp = -0.11 dBA/m

Location: 0, -4.2, 3.7 mm



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

#11 HAC\_T-Coil WCDMA II\_RMC12.2K\_Ch9400(Z)

**DUT: 341002B**

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

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

Ambient Temperature : 23.1 °C

DASY5 Configuration:

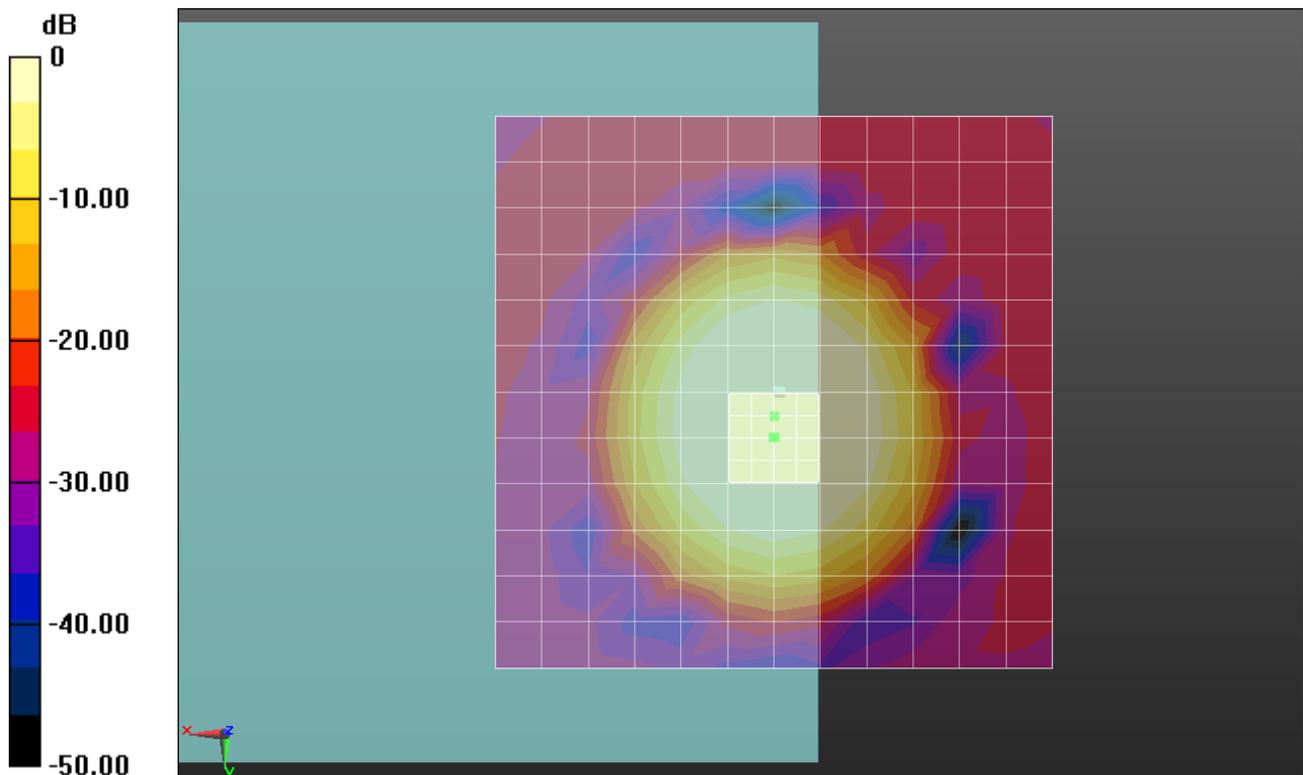
- Probe: AM1DV3 - 3093; ; Calibrated: 2012-4-19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

**Ch9400/z (axial) fine 2mm 8 x 8/ABM SNR(x,y,z) (5x5x1):** Measurement grid: dx=10mm, dy=10mm

ABM1/ABM2 = 48.24 dB

ABM1 comp = 7.65 dBA/m

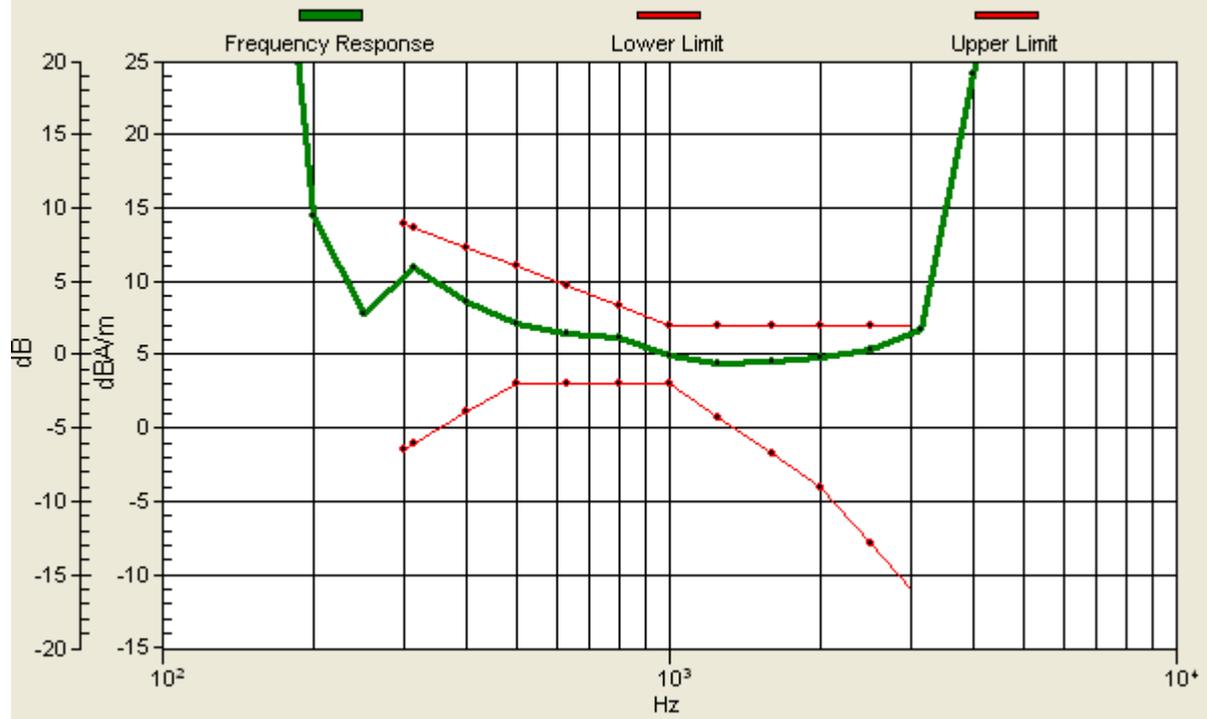
Location: 0, 4.2, 3.7 mm



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

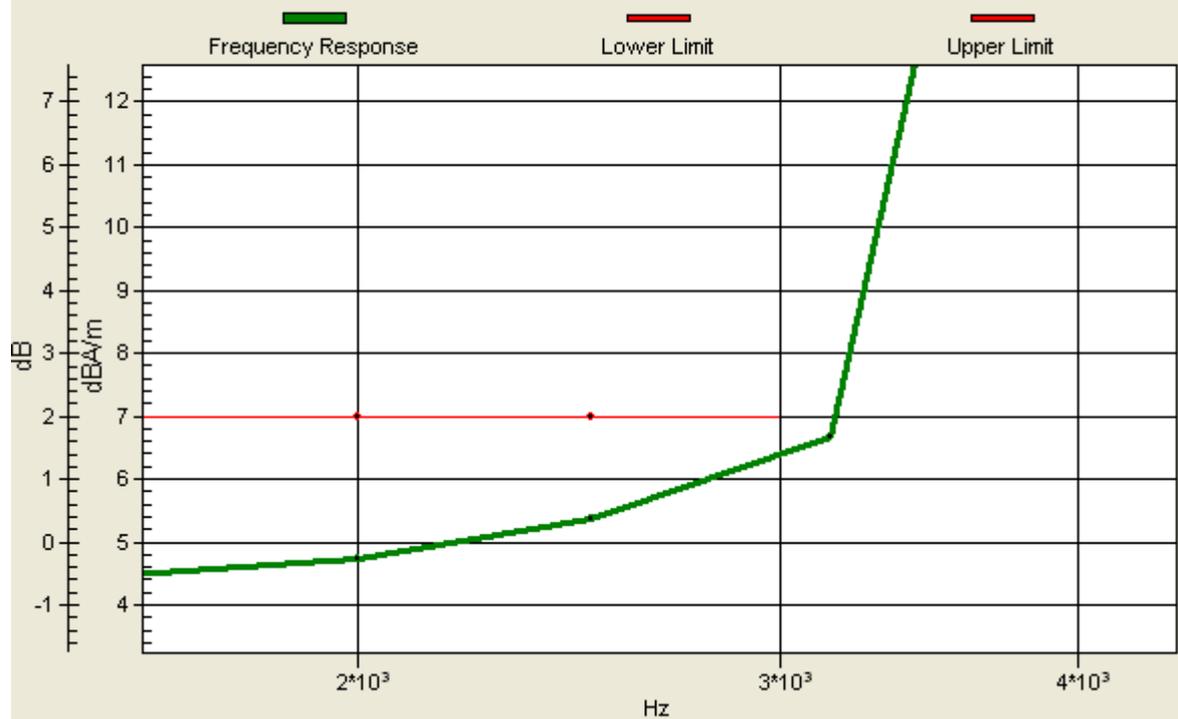
### Ch9400/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)

Loc: 0, 4.2, 3.7 mm Diff: 0.63dB



### Ch9400/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)

Loc: 0, 4.2, 3.7 mm Diff: 0.63dB



#11 HAC\_T-Coil WCDMA II\_RMC12.2K\_Ch9400(Y)

**DUT: 341002B**

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

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

Ambient Temperature : 23.1 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3093; ; Calibrated: 2012-4-19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

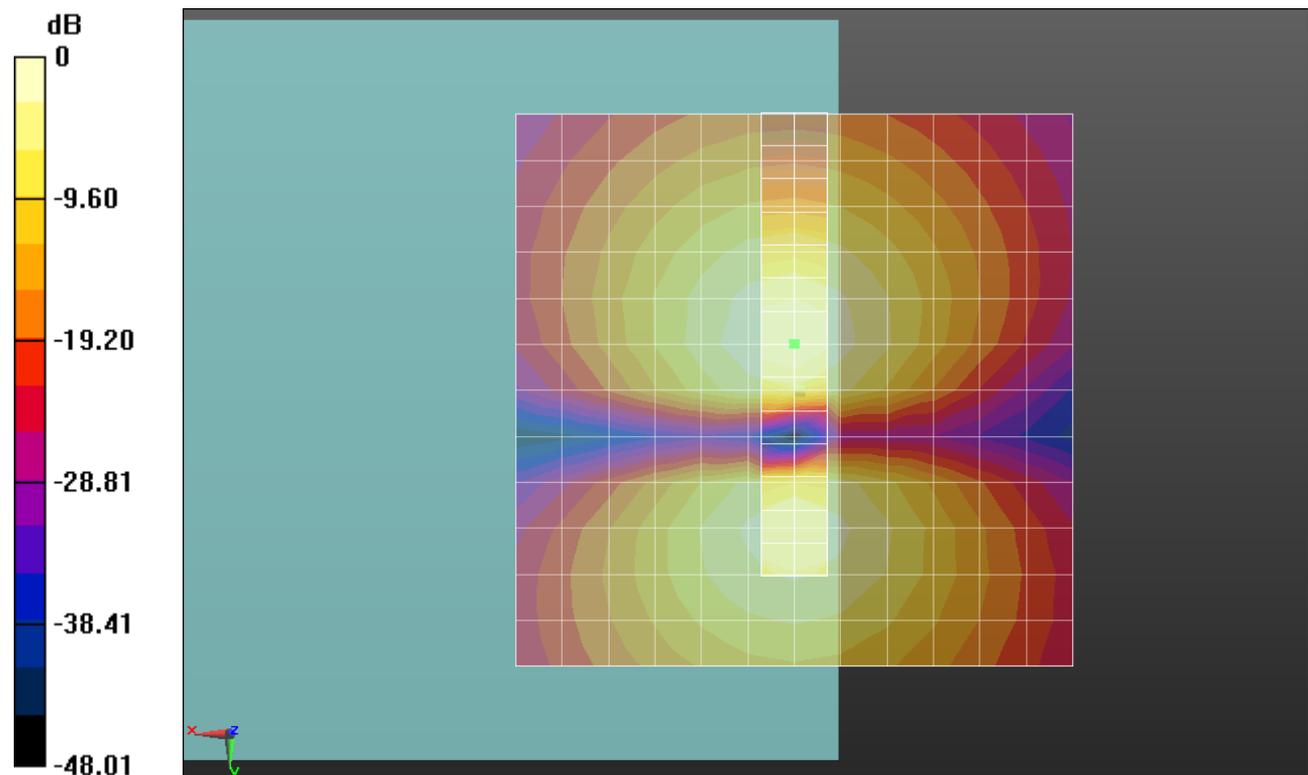
**Ch9400/y (transversal) fine 3mm 6 x 42/ABM SNR(x,y,z) (3x15x1):** Measurement grid:

dx=10mm, dy=10mm

ABM1/ABM2 = 43.86 dB

ABM1 comp = -0.10 dBA/m

Location: 0, -4.2, 3.7 mm



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

**#12 HAC\_T-Coil WCDMA II\_RMC12.2K\_Ch9538(Z)**

**DUT: 341002B**

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

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

Ambient Temperature : 23.1 °C

**DASY5 Configuration:**

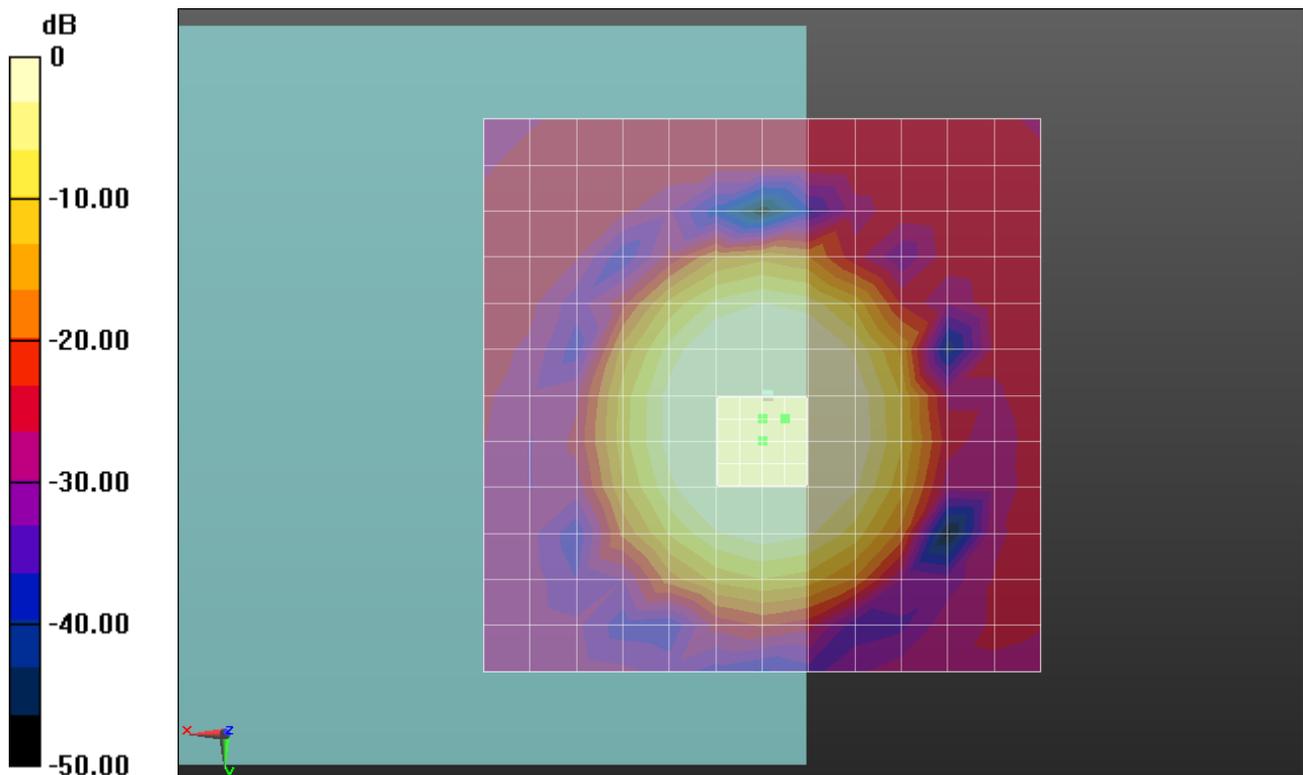
- Probe: AM1DV3 - 3093; ; Calibrated: 2012-4-19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

**Ch9538/z (axial) fine 2mm 8 x 8/ABM SNR(x,y,z) (5x5x1):** Measurement grid: dx=10mm, dy=10mm

ABM1/ABM2 = 48.67 dB

ABM1 comp = 7.59 dBA/m

Location: -2, 2.2, 3.7 mm



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

### Ch9538/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)

Loc: -2, 2.2, 3.7 mm Diff: 0.51dB



### Ch9538/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)

Loc: -2, 2.2, 3.7 mm Diff: 0.51dB



#12 HAC\_T-Coil WCDMA II\_RMC12.2K\_Ch9538(Y)

**DUT: 341002B**

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

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

Ambient Temperature : 23.1 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3093; ; Calibrated: 2012-4-19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1210; Calibrated: 2012-12-5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

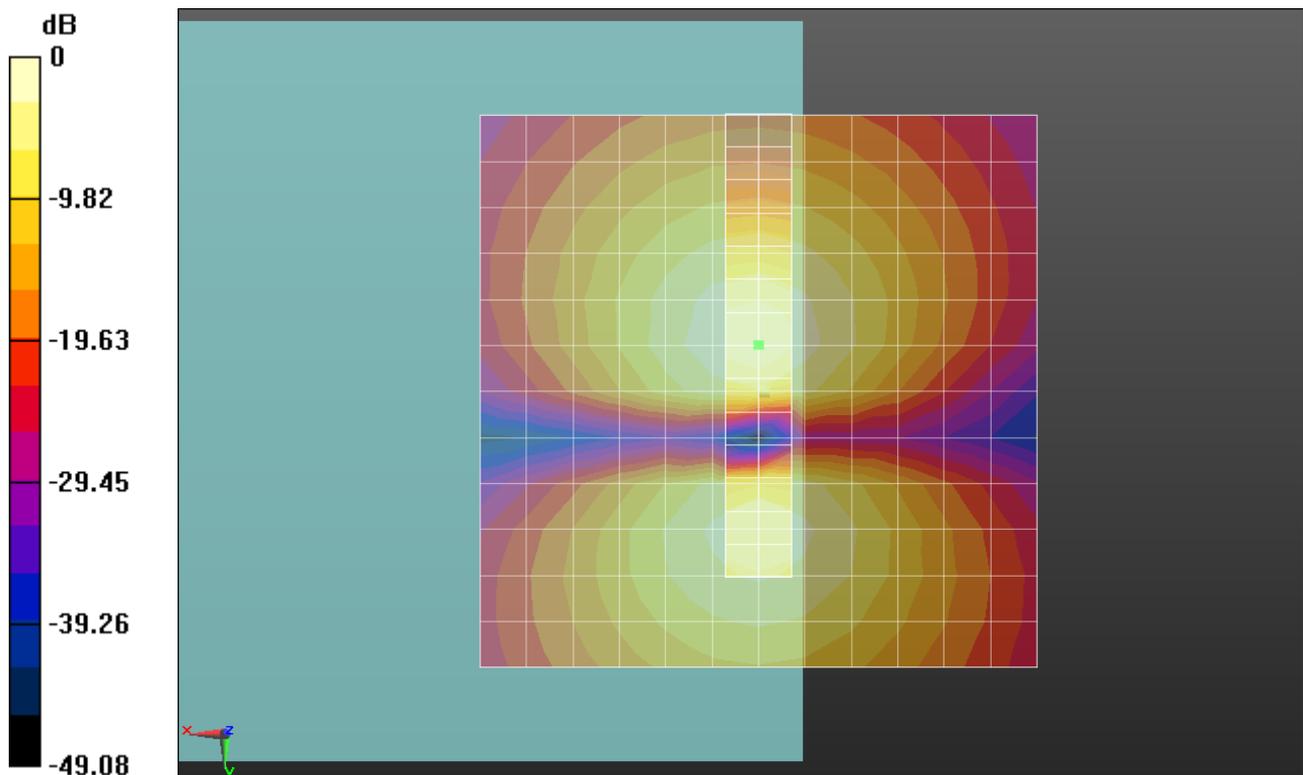
**Ch9538/y (transversal) fine 3mm 6 x 42/ABM SNR(x,y,z) (3x15x1):** Measurement grid:

dx=10mm, dy=10mm

ABM1/ABM2 = 43.88 dB

ABM1 comp = -0.14 dBA/m

Location: 0, -4.2, 3.7 mm



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