

### #16\_HAC\_T-Coil\_GSM850\_Voice(speech codehandset low)\_Ch189\_Axial (Z)

Communication System: GSM850; 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 : 23.5 °C

#### DASY5 Configuration

- Probe: AM1DV2 - 1085; ; Calibrated: 2014/5/20
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2014/5/19
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

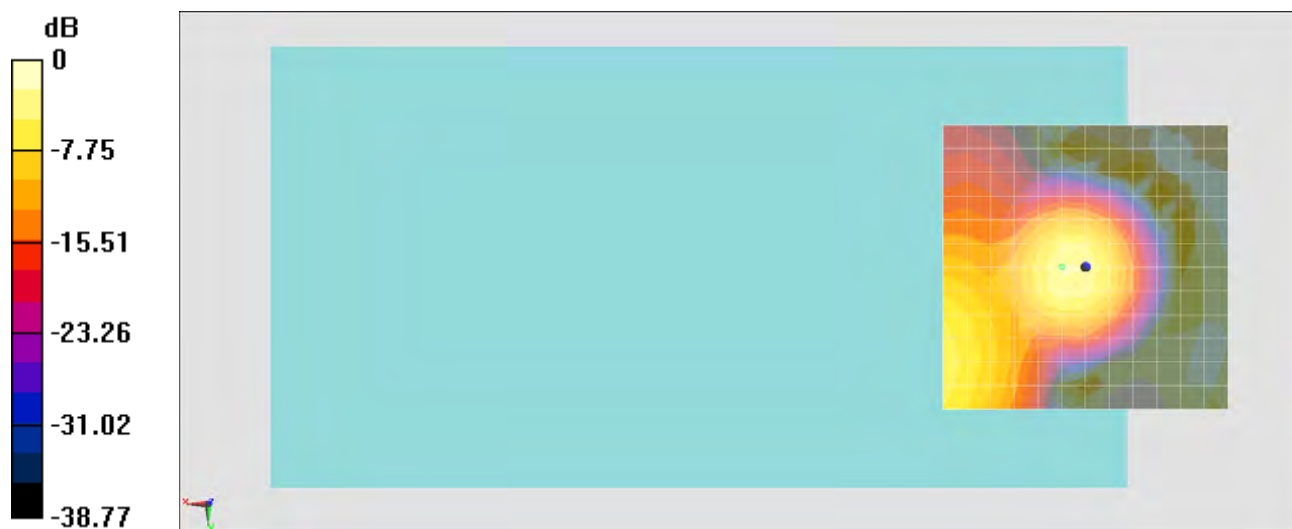
#### General Scans/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement grid:

dx=10mm, dy=10mm

ABM1/ABM2 = 30.15 dB

ABM1 comp = -2.59 dBA/m

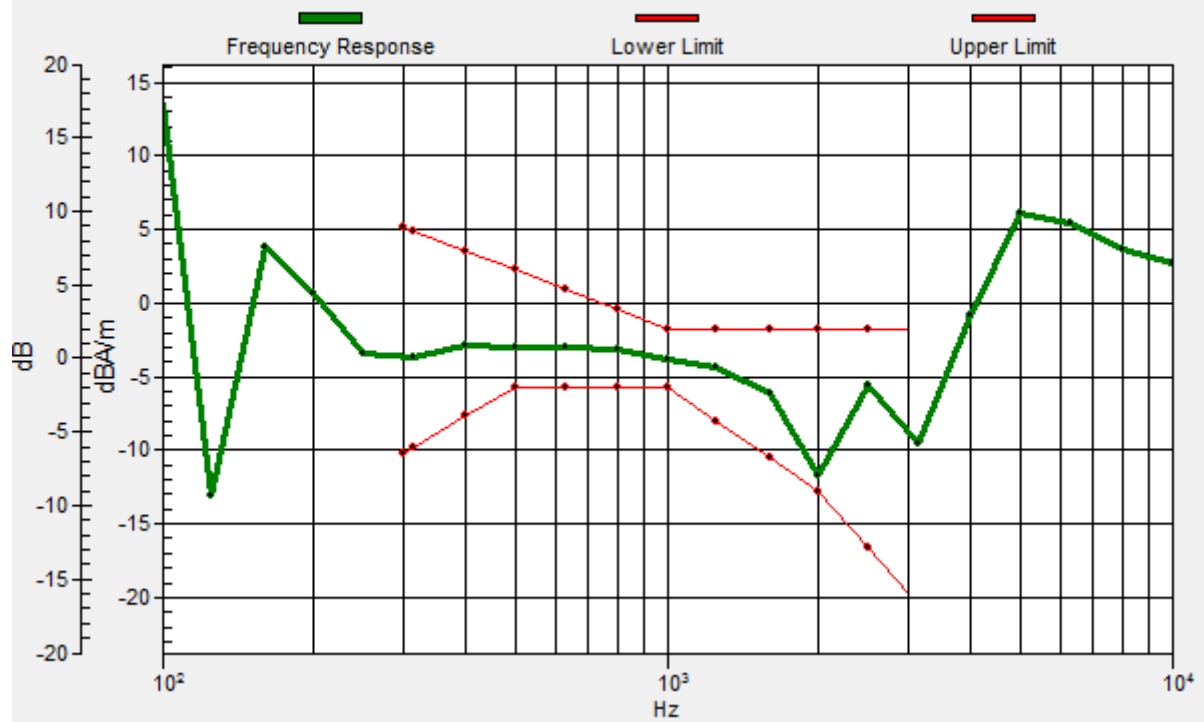
Location: 0, 0, 3.7 mm



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

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

Loc: 0, 0, 3.7 mm Diff: 1.01dB



# #16\_HAC\_T-Coil\_GSM850\_Voice(speech codehandset low)\_Ch189\_Transversal (Y)

Communication System: GSM850; 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 : 23.5 °C

## DASY5 Configuration

- Probe: AM1DV2 - 1085; ; Calibrated: 2014/5/20
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2014/5/19
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

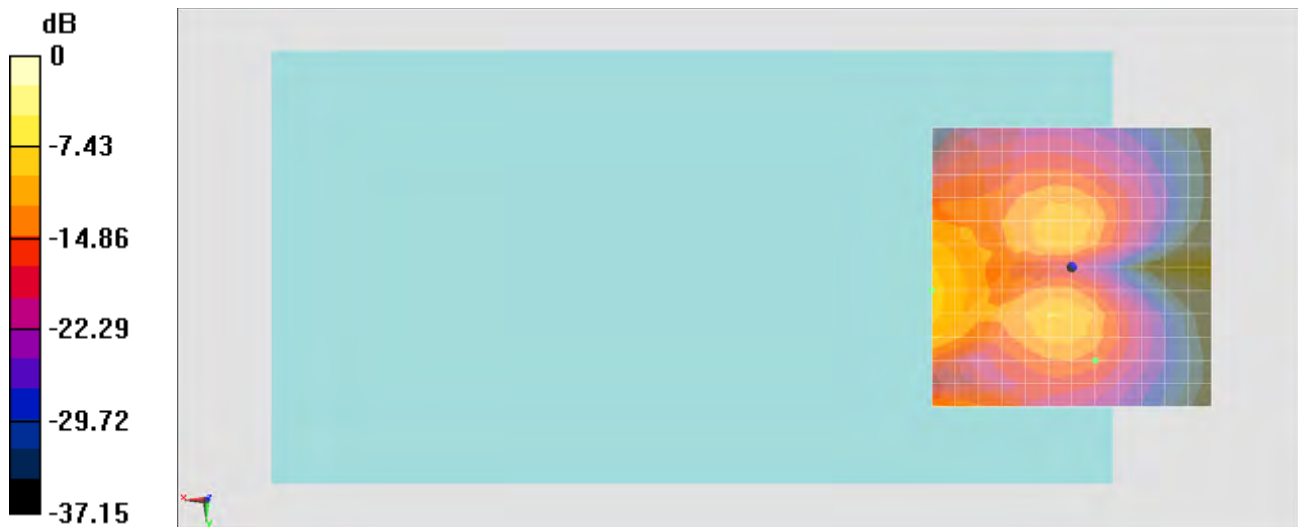
## General Scans/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement

grid: dx=10mm, dy=10mm

ABM1/ABM2 = 28.73 dB

ABM1 comp = -16.04 dBA/m

Location: -4.2, 16.7, 3.7 mm



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

### #17\_HAC\_T-Coil\_GSM1900\_Voice(speech codehandset low)\_Ch661\_Axial (Z)

Communication System: PCS; 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 : 23.5 °C

#### DASY5 Configuration

- Probe: AM1DV2 - 1085; ; Calibrated: 2014/5/20
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2014/5/19
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

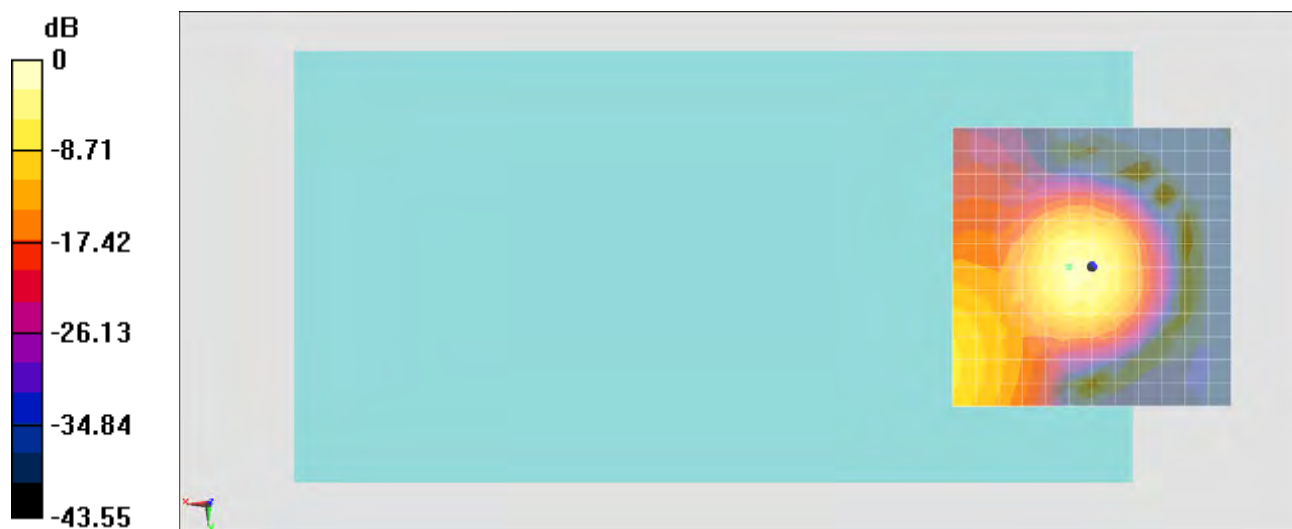
#### General Scans/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement grid:

dx=10mm, dy=10mm

ABM1/ABM2 = 34.26 dB

ABM1 comp = -2.35 dBA/m

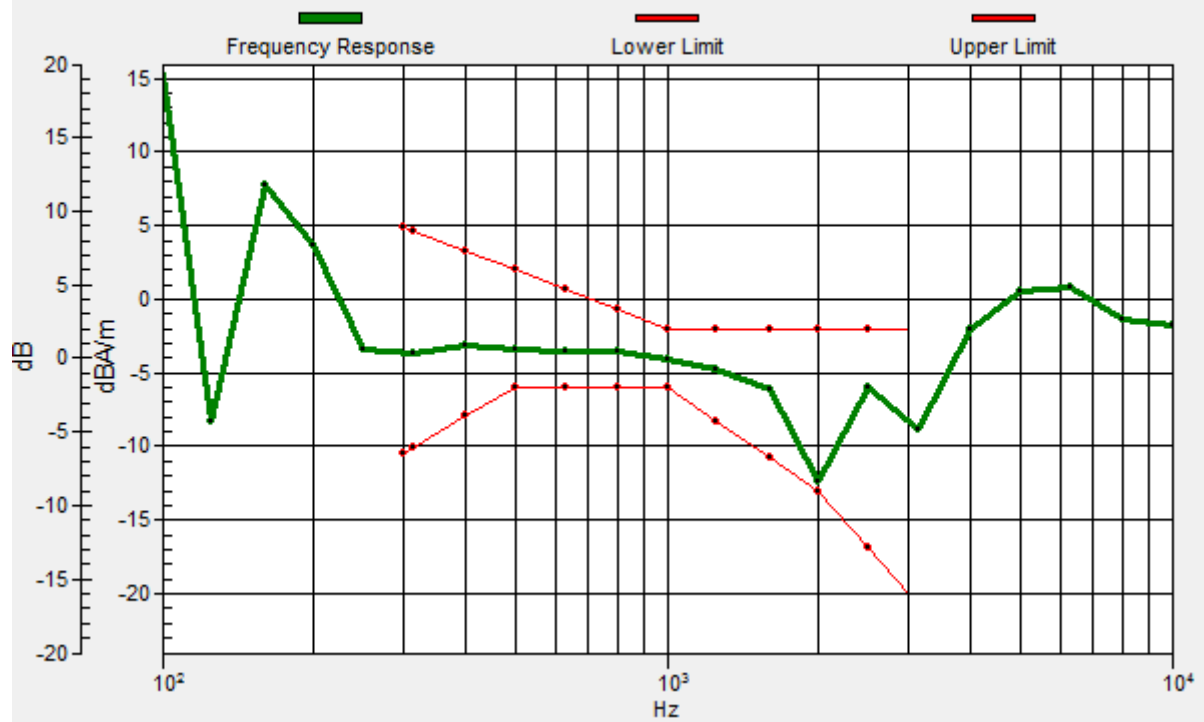
Location: 0, 0, 3.7 mm



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

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

Loc: 0, 0, 3.7 mm Diff: 0.68dB



# #17\_HAC\_T-Coil\_GSM1900\_Voice(speech codehandset low)\_Ch661\_Transversal (Y)

Communication System: PCS; Frequency: 1880 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 : 23.5 °C

## DASY5 Configuration

- Probe: AM1DV2 - 1085; ; Calibrated: 2014/5/20
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2014/5/19
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

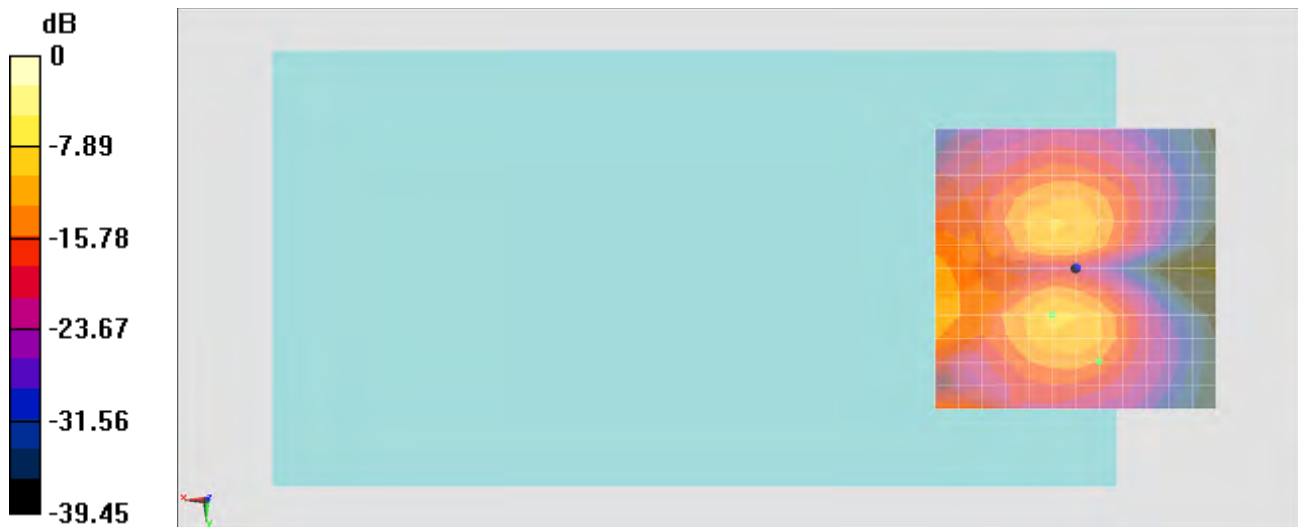
## General Scans/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement

grid: dx=10mm, dy=10mm

ABM1/ABM2 = 30.43 dB

ABM1 comp = -15.95 dBA/m

Location: -4.2, 16.7, 3.7 mm



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

### #18\_HAC\_T-Coil\_WCDMA V\_Voice(speech codec low)\_Ch4182\_Axial (Z)

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

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

Ambient Temperature : 23.5 °C

#### DASY5 Configuration

- Probe: AM1DV2 - 1085; ; Calibrated: 2014/5/20
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2014/5/19
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

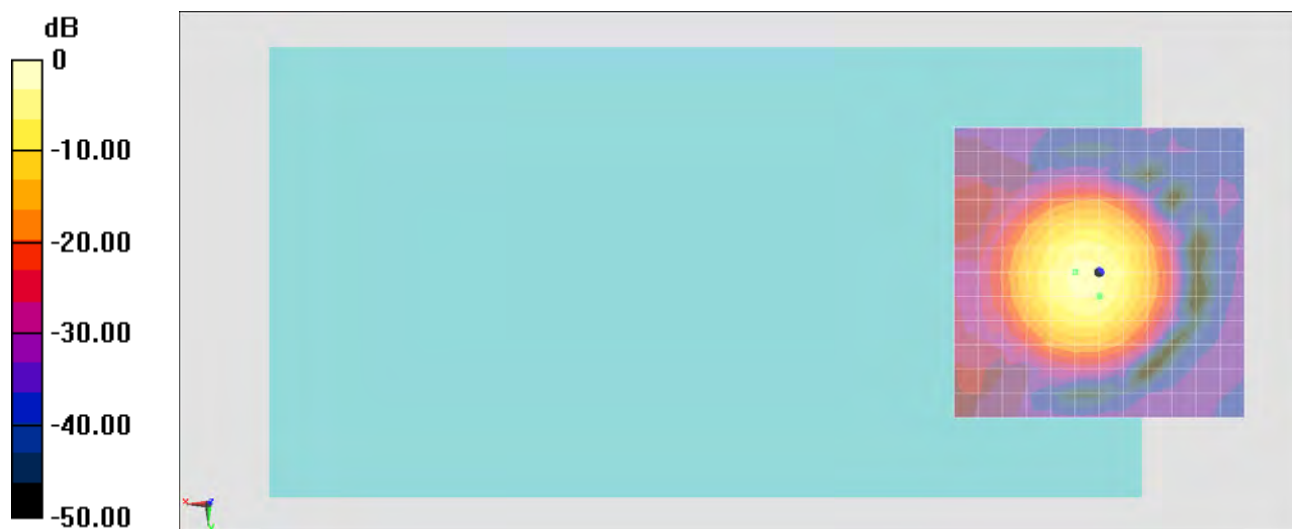
#### General Scans/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement grid:

dx=10mm, dy=10mm

ABM1/ABM2 = 44.16 dB

ABM1 comp = -3.12 dBA/m

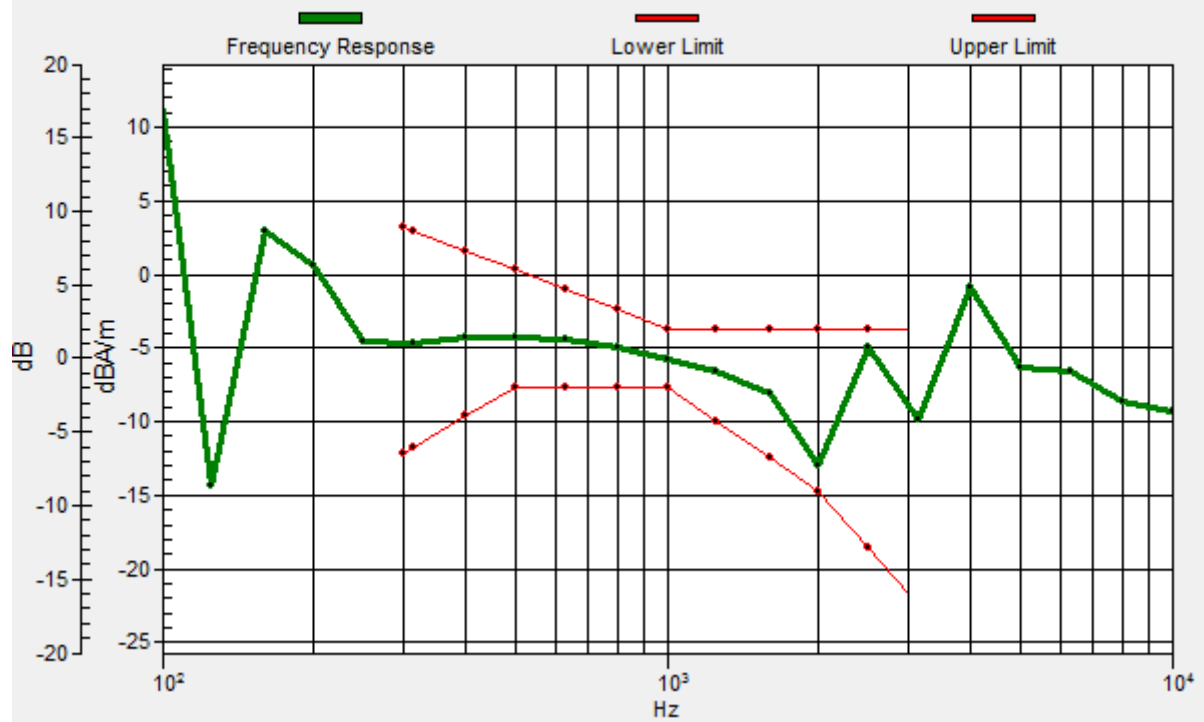
Location: 0, 4.2, 3.7 mm



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

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

Loc: 0, 4.2, 3.7 mm Diff: 1.31dB





### #18\_HAC\_T-Coil\_WCDMA V\_Voice(speech codec low)\_Ch4182\_Transversal (Y)

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

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

Ambient Temperature : 23.5 °C

#### DASY5 Configuration

- Probe: AM1DV2 - 1085; ; Calibrated: 2014/5/20
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2014/5/19
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

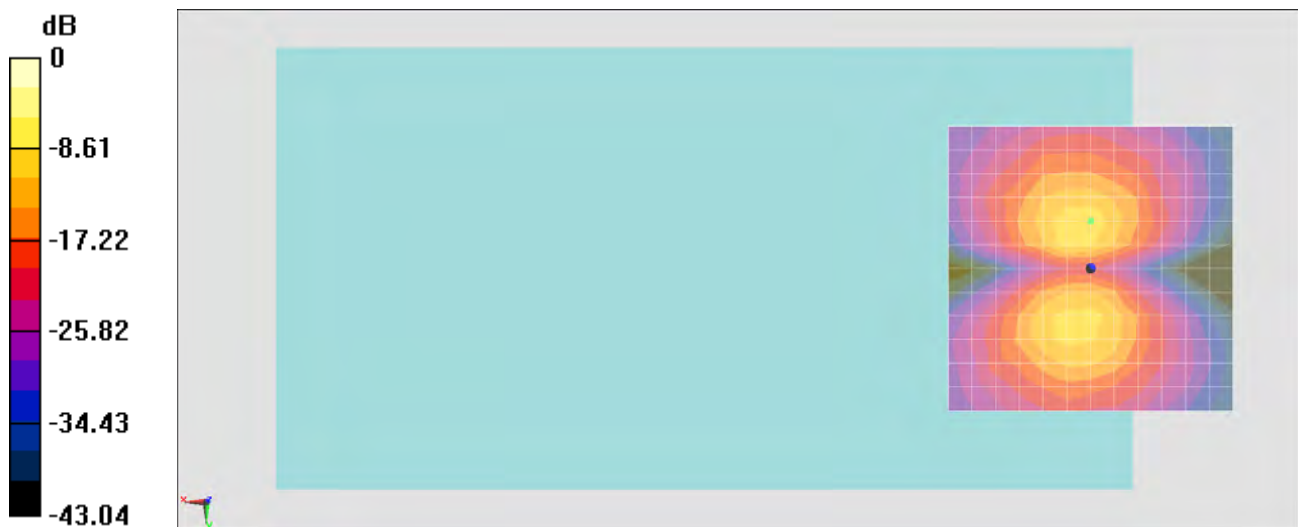
#### General Scans/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement

grid: dx=10mm, dy=10mm

ABM1/ABM2 = 36.02 dB

ABM1 comp = -9.05 dBA/m

Location: 0, -8.3, 3.7 mm



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

### #20\_HAC\_T-Coil\_WCDMA IV\_Voice(speech codec low)\_Ch1413\_Axial (Z)

Communication System: WCDMA; Frequency: 1732.6 MHz; Duty Cycle: 1:1

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

Ambient Temperature : 23.5 °C

#### DASY5 Configuration

- Probe: AM1DV2 - 1085; ; Calibrated: 2014/5/20
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2014/5/19
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

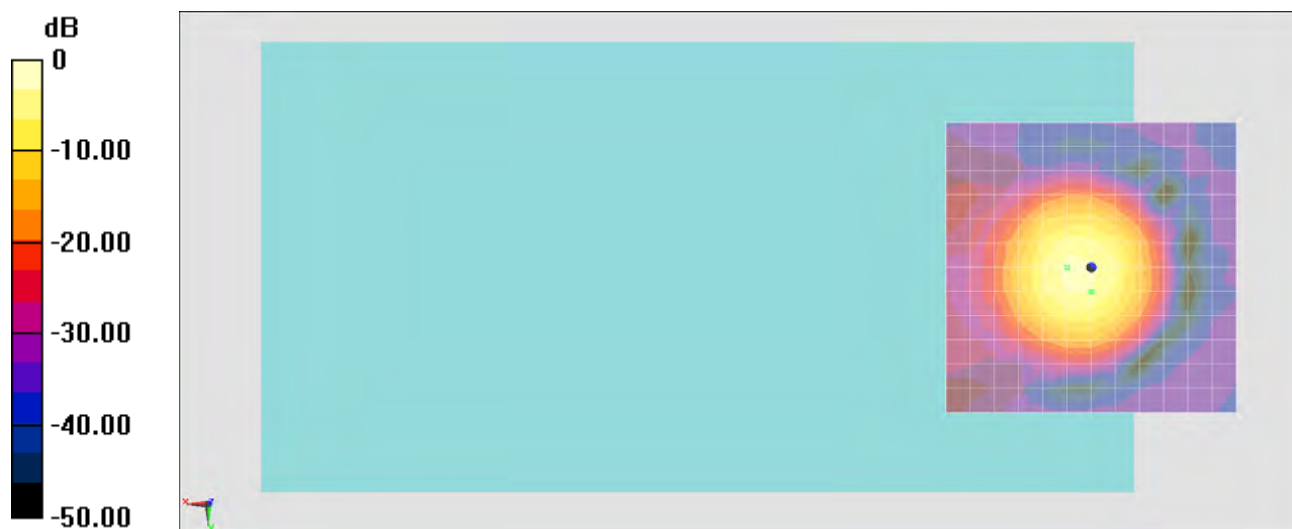
#### General Scans/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement grid:

dx=10mm, dy=10mm

ABM1/ABM2 = 43.42 dB

ABM1 comp = -3.25 dBA/m

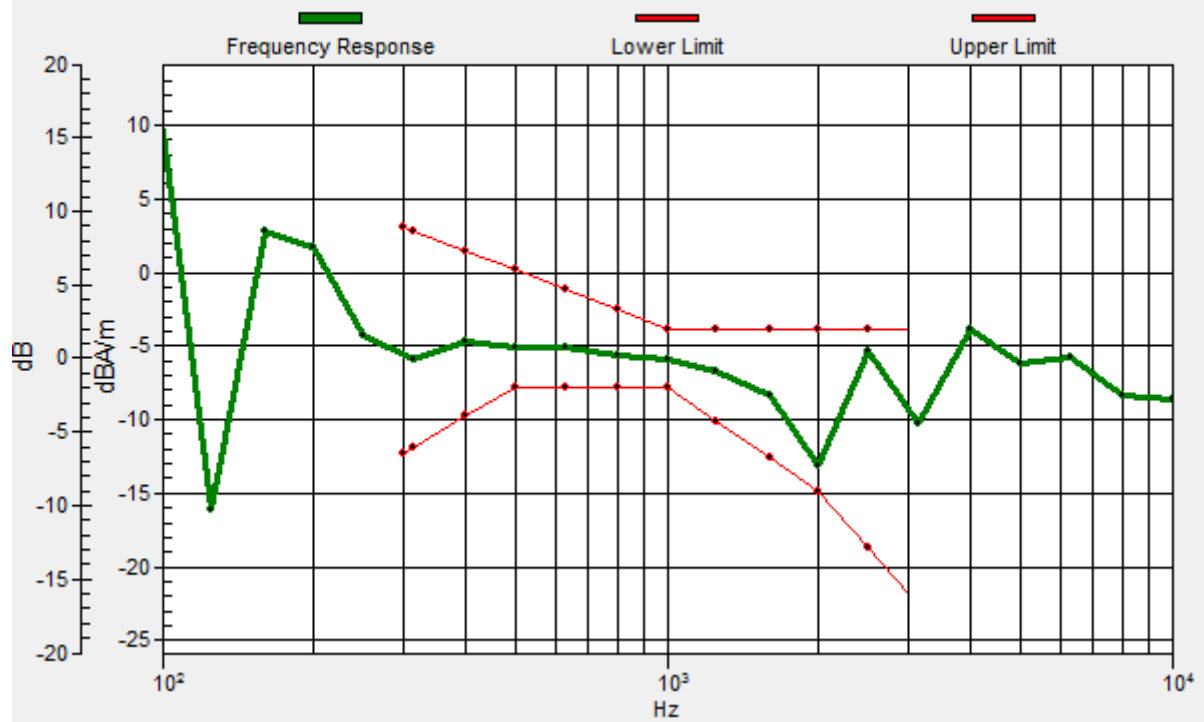
Location: 0, 4.2, 3.7 mm



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

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

Loc: 0, 4.2, 3.7 mm Diff: 1.59dB



### #20\_HAC\_T-Coil\_WCDMA IV\_Voice(speech codec low)\_Ch1413\_Transversal (Y)

Communication System: WCDMA; Frequency: 1732.6 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 : 23.5 °C

#### DASY5 Configuration

- Probe: AM1DV2 - 1085; ; Calibrated: 2014/5/20
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2014/5/19
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

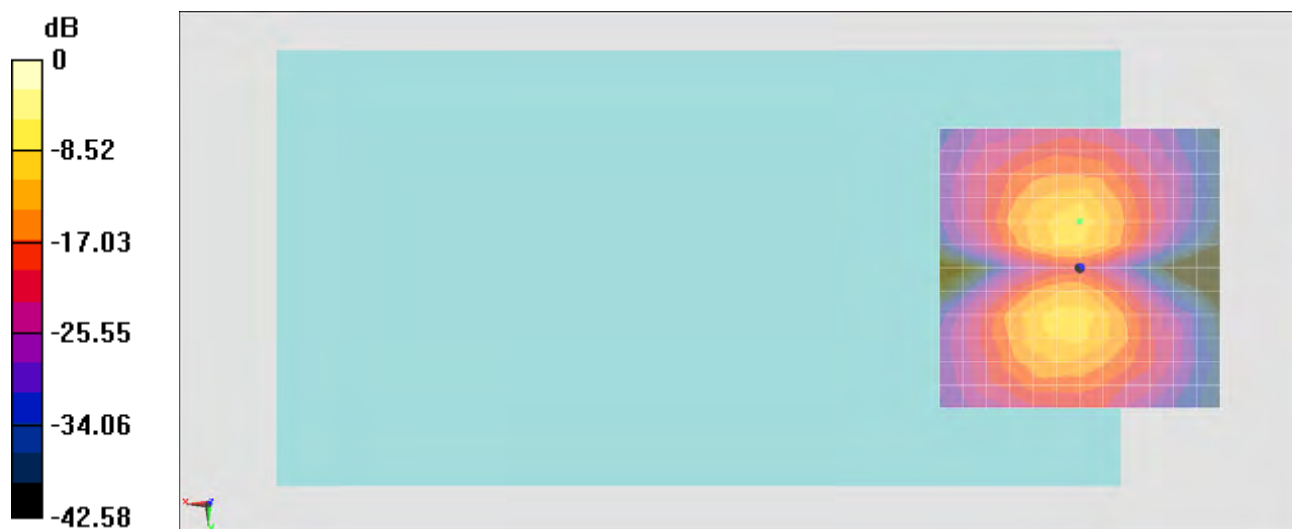
#### General Scans/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement

grid: dx=10mm, dy=10mm

ABM1/ABM2 = 36.23 dB

ABM1 comp = -9.23 dBA/m

Location: 0, -8.3, 3.7 mm



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

### #19\_HAC\_T-Coil\_WCDMA II\_Voice(speech codec low)\_Ch9400\_Axial (Z)

Communication System: WCDMA; 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 : 23.5 °C

#### DASY5 Configuration

- Probe: AM1DV2 - 1085; ; Calibrated: 2014/5/20
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2014/5/19
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

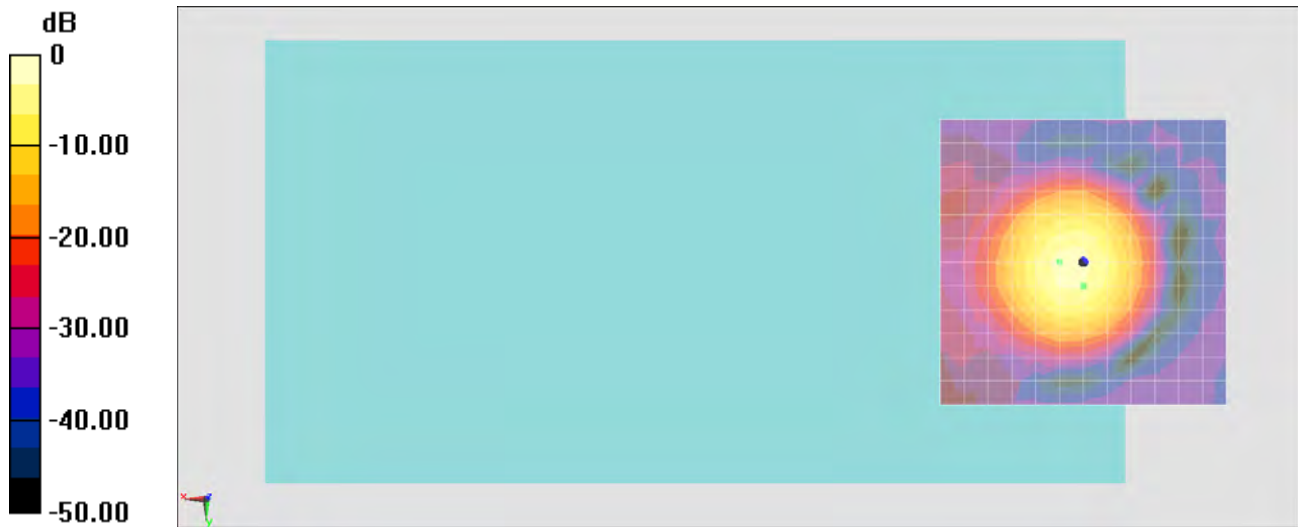
#### General Scans/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement grid:

dx=10mm, dy=10mm

ABM1/ABM2 = 43.55 dB

ABM1 comp = -2.89 dBA/m

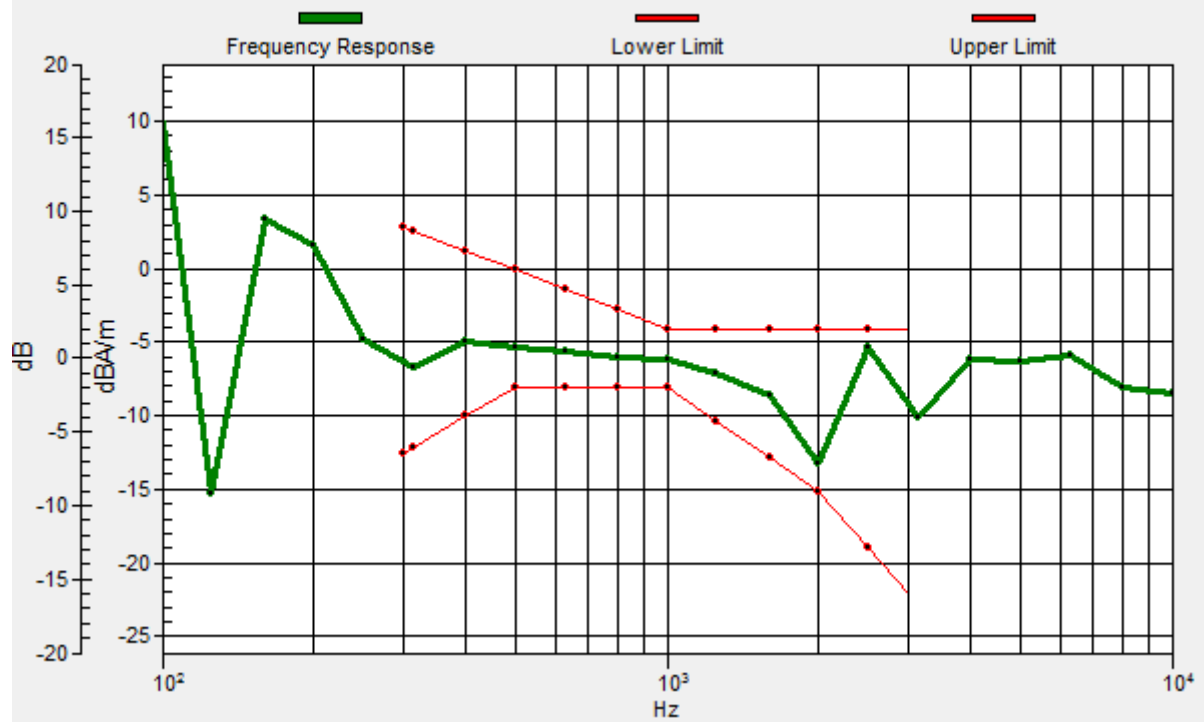
Location: 0, 4.2, 3.7 mm



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

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

Loc: 0, 4.2, 3.7 mm Diff: 1.25dB



### #19\_HAC\_T-Coil\_WCDMA II\_Voice(speech codec low)\_Ch9400\_Transversal (Y)

Communication System: WCDMA; 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 : 23.5 °C

#### DASY5 Configuration

- Probe: AM1DV2 - 1085; ; Calibrated: 2014/5/20
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2014/5/19
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

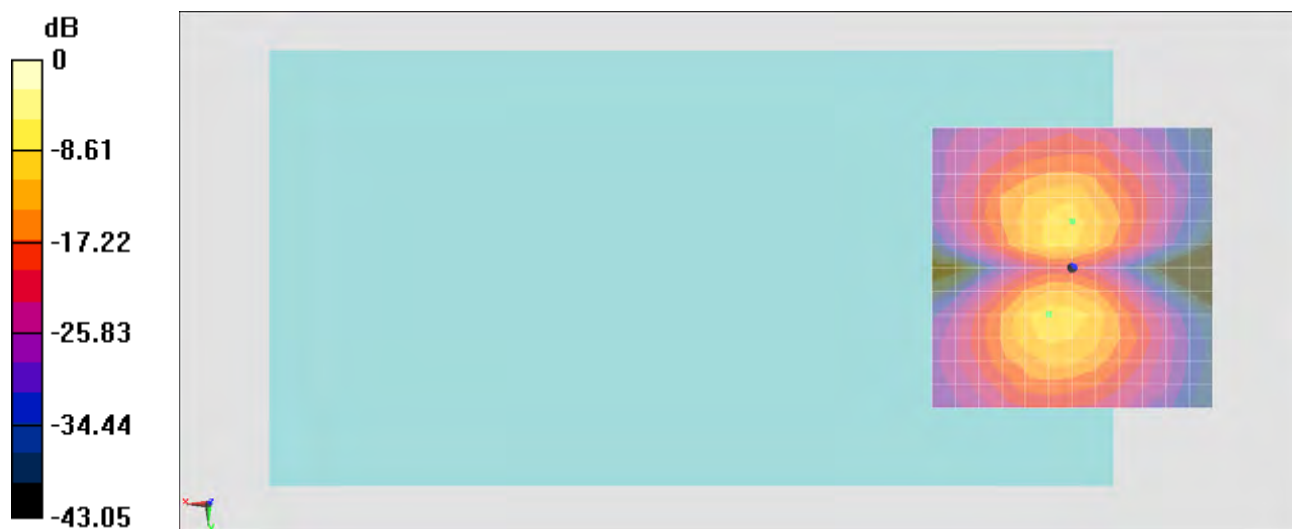
#### General Scans/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement

grid: dx=10mm, dy=10mm

ABM1/ABM2 = 35.81 dB

ABM1 comp = -9.96 dBA/m

Location: 0, -8.3, 3.7 mm



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