

#01 HAC_T-Coil_GSM850_Voice_Ch128_Axial (Z)**DUT: 341620**

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

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

Ambient Temperature : 22.1 °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 (4); SEMCAD X Version 14.6.8 (7028)

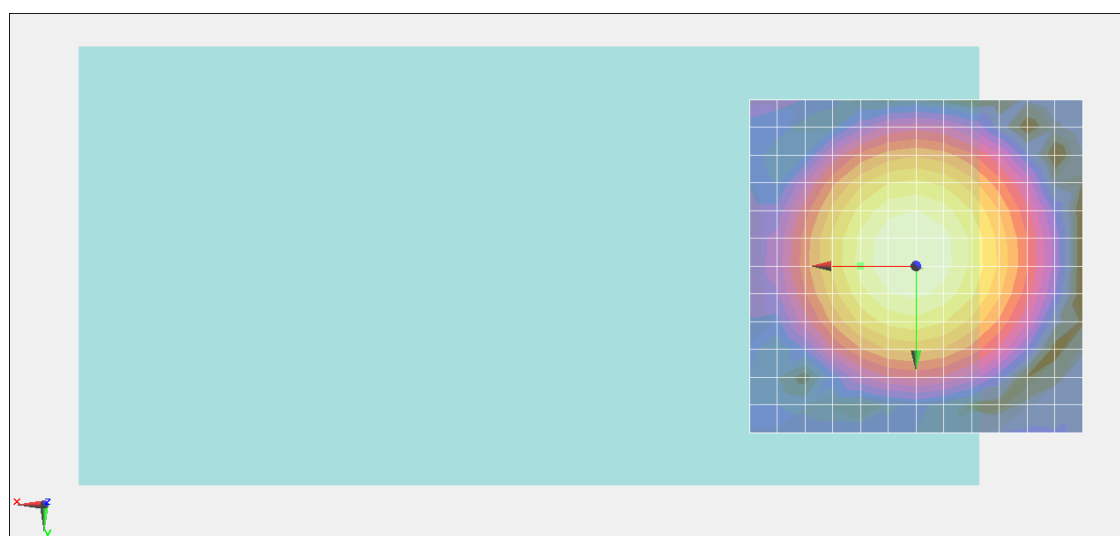
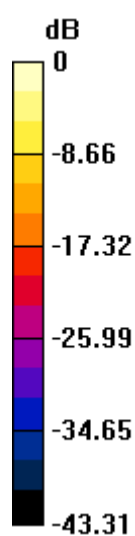
General Scans/z (axial) 4.2mm 50 x 50/ABM Signal(x,y,z) (13x13x1): Measurement grid:

dx=10mm, dy=10mm

ABM1/ABM2 = 36.10 dB

ABM1 comp = -4.50 dBA/m

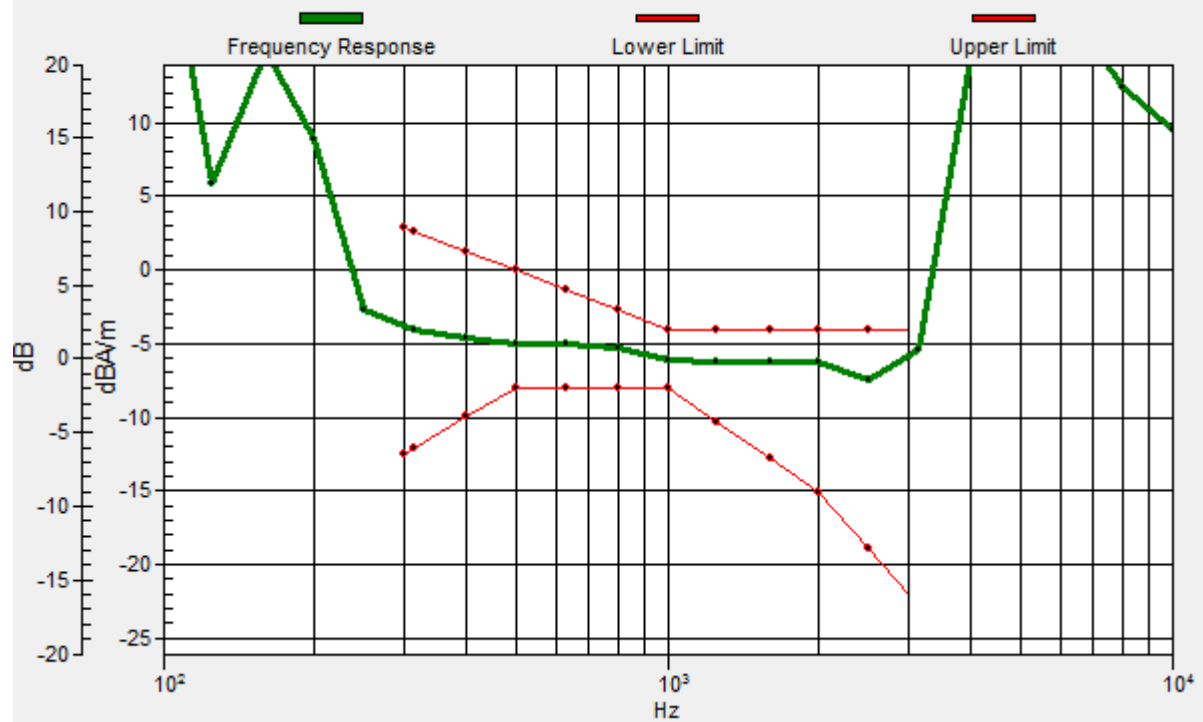
Location: 8.3, 0, 3.7 mm



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: 8.3, 0, 3.7 mm Diff: 1.9dB



#01 HAC_T-Coil_GSM850_Voice_Ch128_Radial 1 (X)**DUT: 341620**

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

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

Ambient Temperature : 22.1 °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 (4); SEMCAD X Version 14.6.8 (7028)

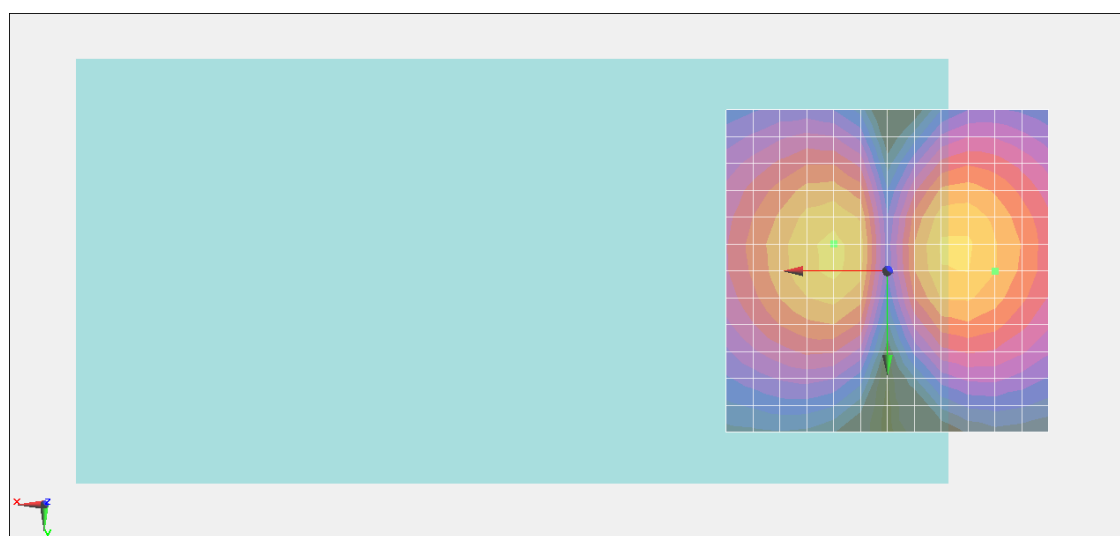
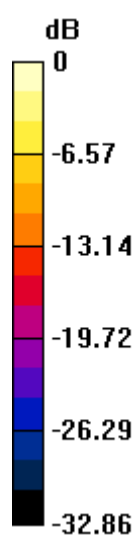
General Scans/x (longitudinal) (2007) 4.2mm 50 x 50/ABM Signal(x,y,z) (13x13x1):

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

ABM1/ABM2 = 26.19 dB

ABM1 = -10.81 dBA/m

Location: -16.7, 0, 3.7 mm



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

#01 HAC_TCoil_GSM850_Voice_Ch128_Radial 2 (Y)**DUT: 341620**

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

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

Ambient Temperature : 22.1 °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 (4); SEMCAD X Version 14.6.8 (7028)

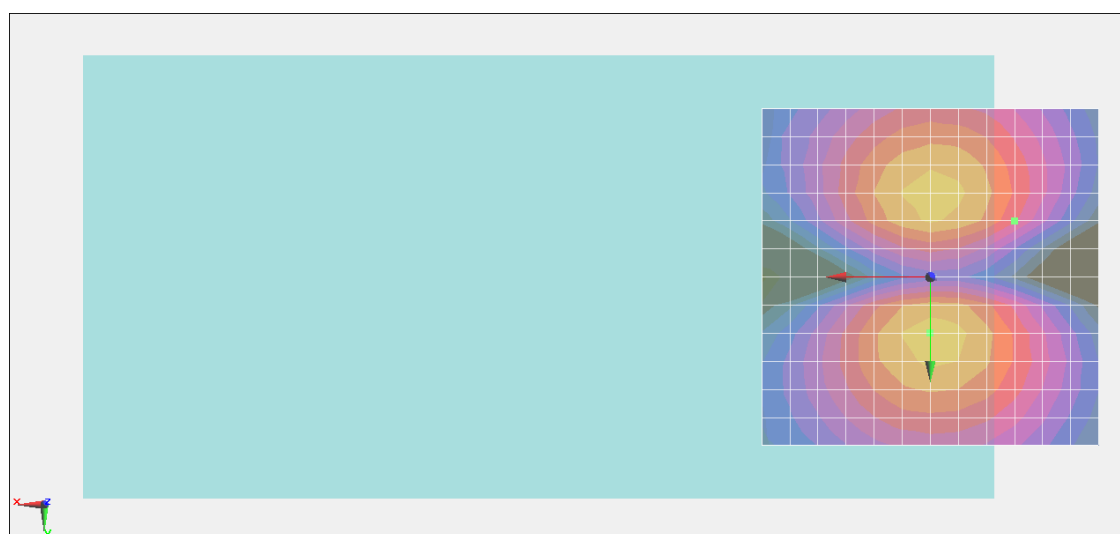
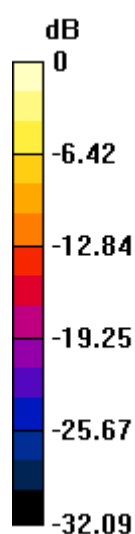
General Scans/y (transversal) 4.2mm 50 x 50/ABM Signal(x,y,z) (13x13x1): Measurement

grid: dx=10mm, dy=10mm

ABM1/ABM2 = 32.46 dB

ABM1 comp = -16.67 dBA/m

Location: -12.5, -8.3, 3.7 mm



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

#02 HAC_T-Coil_GSM850_Voice_Ch189_Axial (Z)**DUT: 341620**

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

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

Ambient Temperature : 22.1 °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 (4); SEMCAD X Version 14.6.8 (7028)

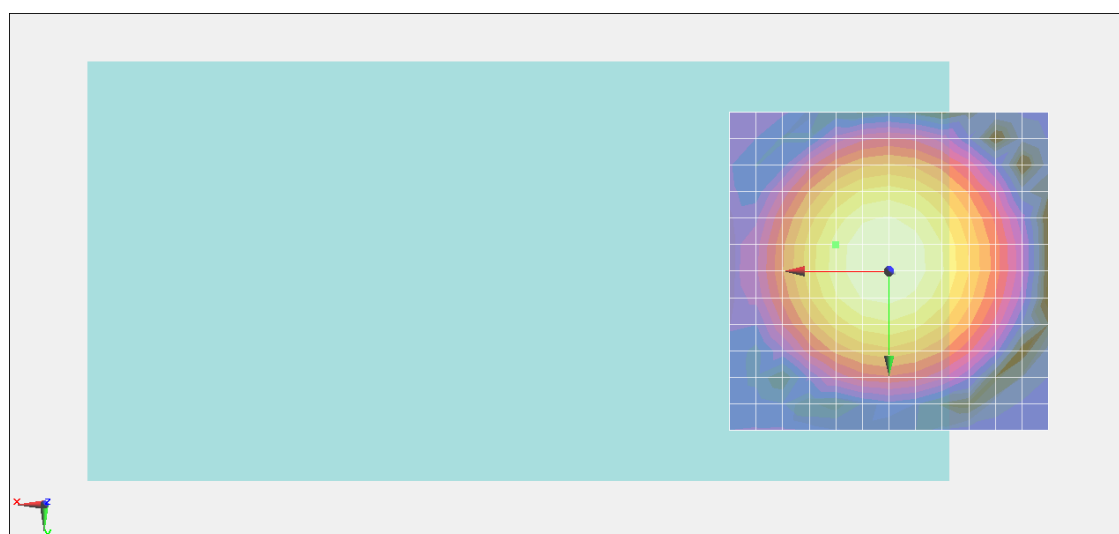
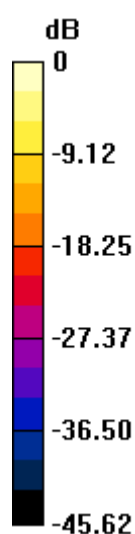
General Scans/z (axial) 4.2mm 50 x 50/ABM Signal(x,y,z) (13x13x1): Measurement grid:

dx=10mm, dy=10mm

ABM1/ABM2 = 36.03 dB

ABM1 comp = -4.71 dBA/m

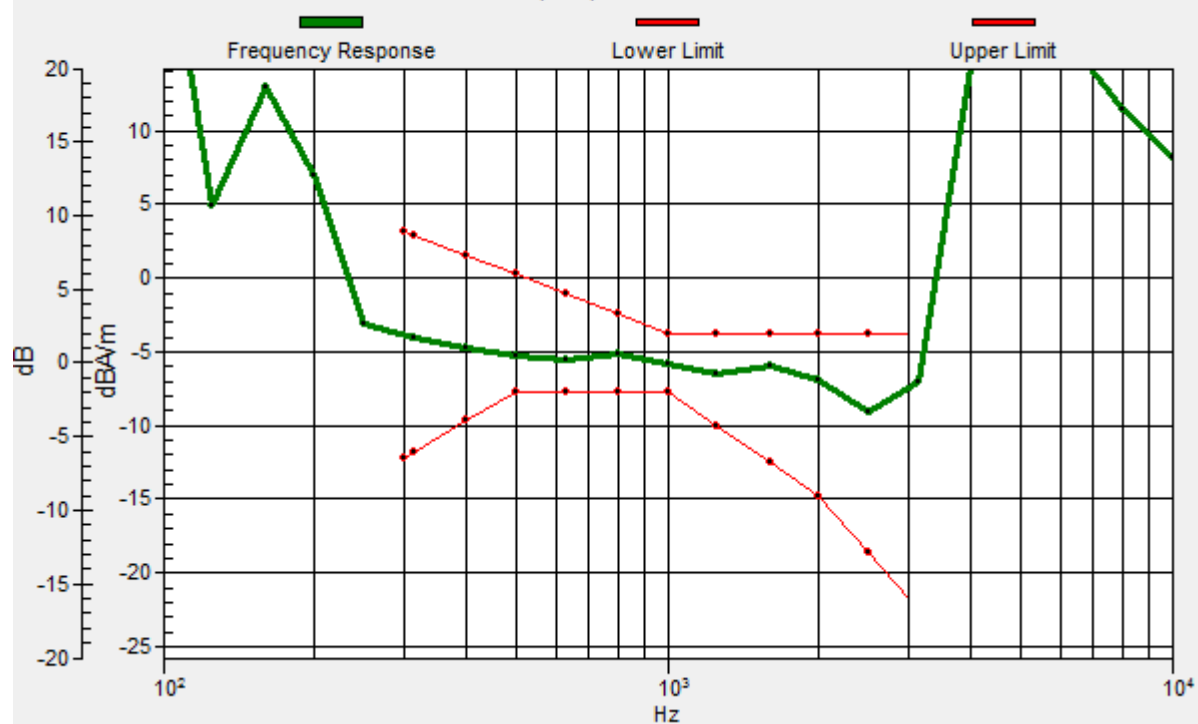
Location: 8.3, -4.2, 3.7 mm



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: 8.3, -4.2, 3.7 mm Diff: 2dB



#02 HAC_T-Coil_GSM850_Voice_Ch189_Radial 1 (X)**DUT: 341620**

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

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

Ambient Temperature : 22.1 °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 (4); SEMCAD X Version 14.6.8 (7028)

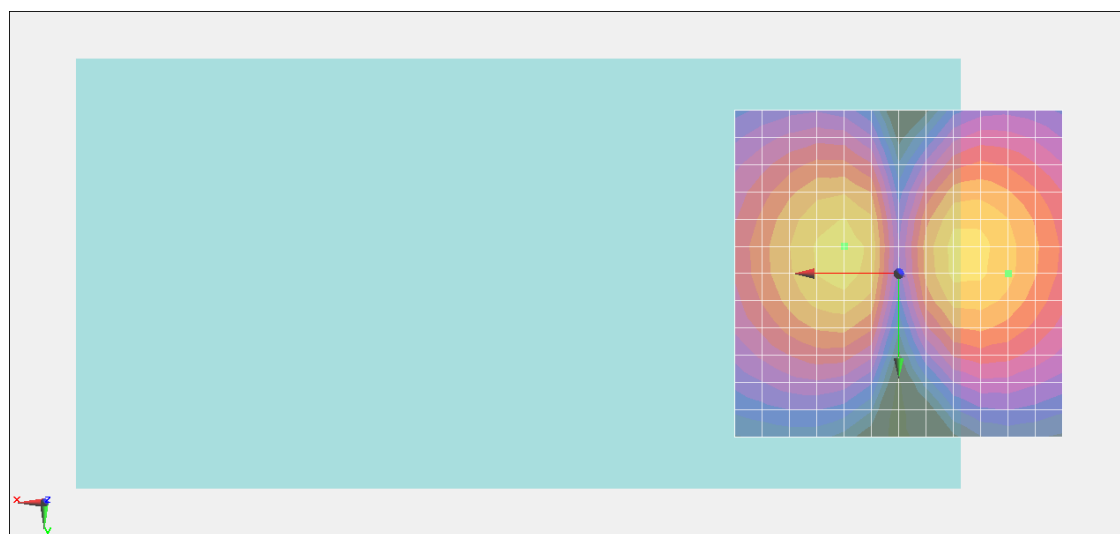
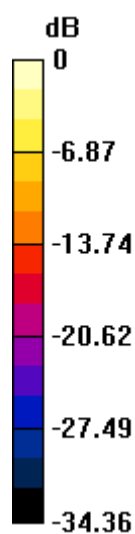
General Scans/x (longitudinal) (2007) 4.2mm 50 x 50/ABM Signal(x,y,z) (13x13x1):

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

ABM1/ABM2 = 27.95 dB

ABM1 = -10.64 dBA/m

Location: -16.7, 0, 3.7 mm



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

#02 HAC_T-Coil_GSM850_Voice_Ch189_Radial 2 (Y)**DUT: 341620**

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

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

Ambient Temperature : 22.1 °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 (4); SEMCAD X Version 14.6.8 (7028)

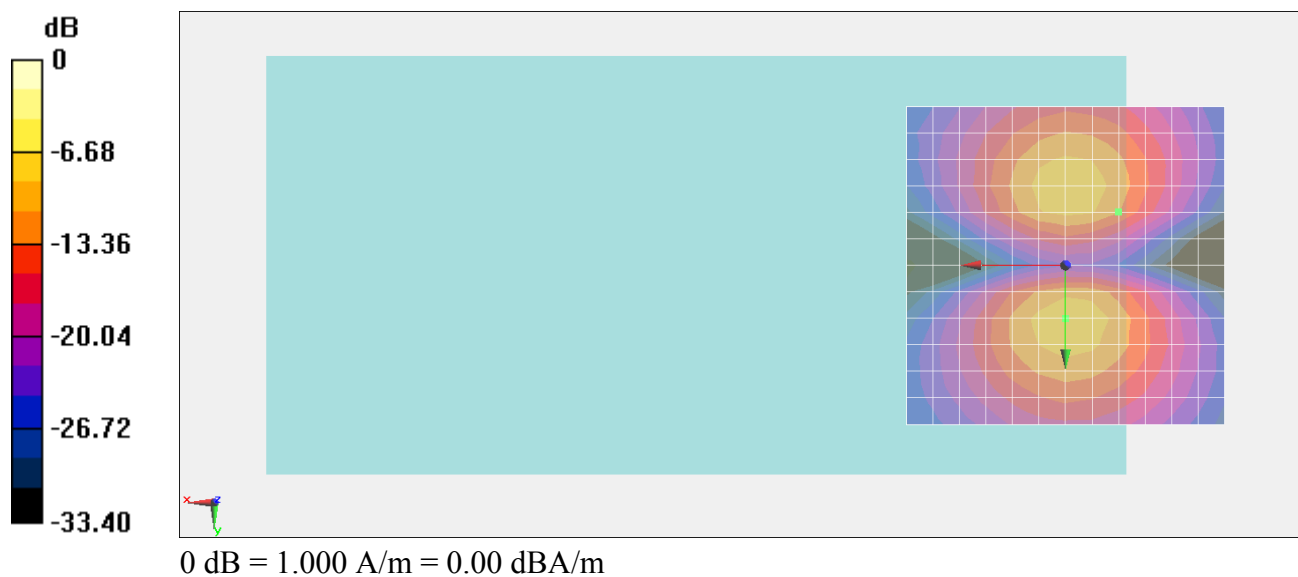
General Scans/y (transversal) 4.2mm 50 x 50/ABM Signal(x,y,z) (13x13x1): Measurement

grid: dx=10mm, dy=10mm

ABM1/ABM2 = 34.61 dB

ABM1 comp = -13.17 dBA/m

Location: -8.3, -8.3, 3.7 mm



#03 HAC_T-Coil_GSM850_Voice_Ch251_Axial (Z)**DUT: 341620**

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

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

Ambient Temperature : 22.1 °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 (4); SEMCAD X Version 14.6.8 (7028)

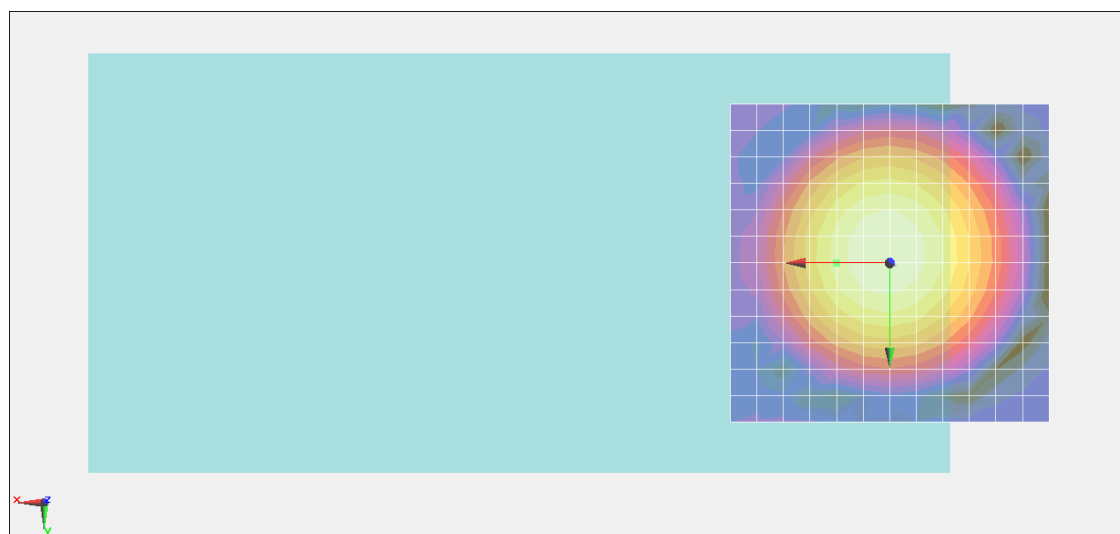
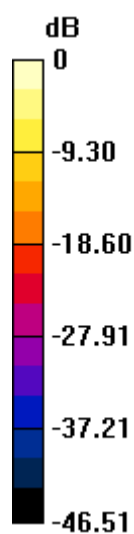
General Scans/z (axial) 4.2mm 50 x 50/ABM Signal(x,y,z) (13x13x1): Measurement grid:

dx=10mm, dy=10mm

ABM1/ABM2 = 35.32 dB

ABM1 comp = -4.60 dBA/m

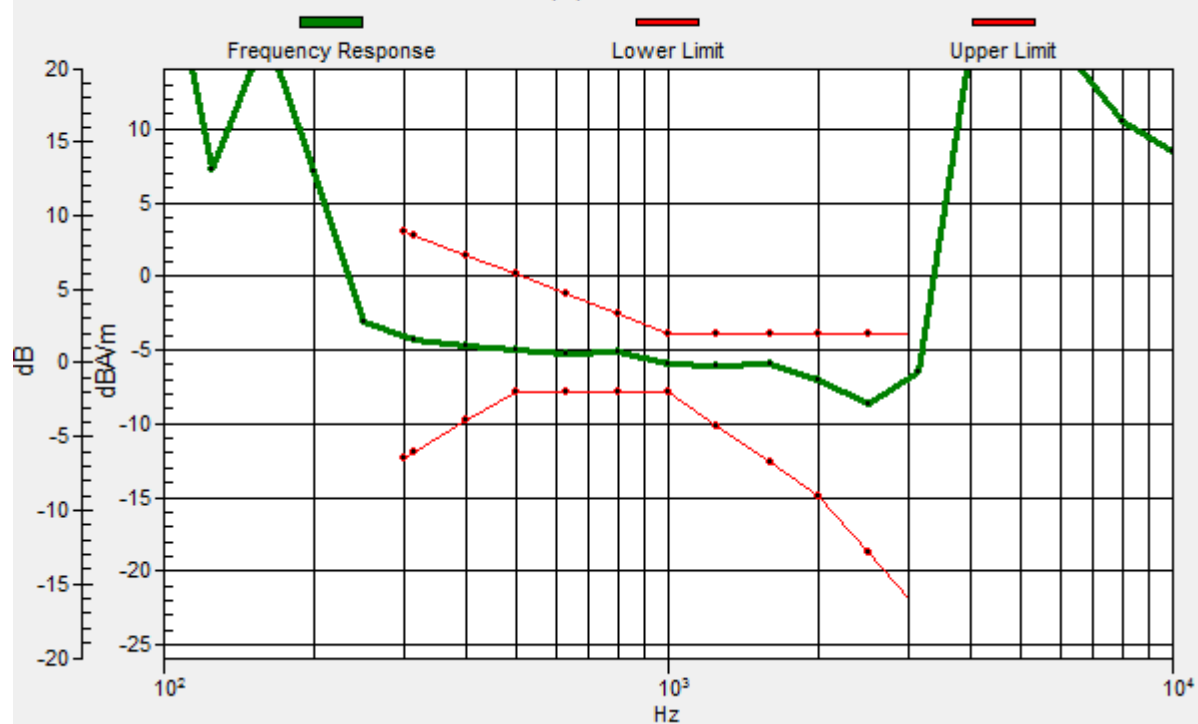
Location: 8.3, 0, 3.7 mm



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: 8.3, 0, 3.7 mm Diff: 2dB



#03 HAC_T-Coil_GSM850_Voice_Ch251_Radial 1 (X)**DUT: 341620**

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

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

Ambient Temperature : 22.1 °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 (4); SEMCAD X Version 14.6.8 (7028)

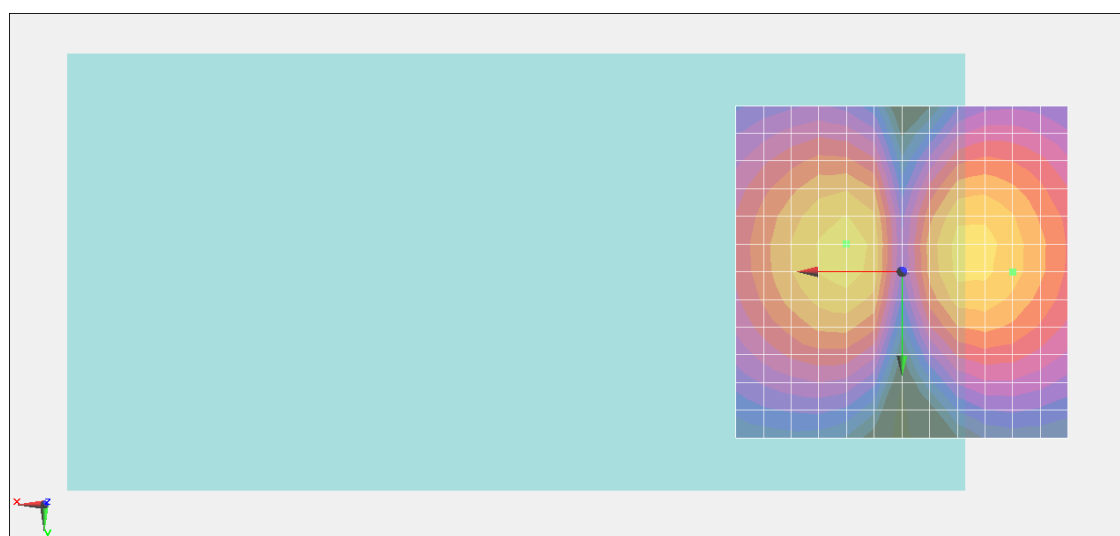
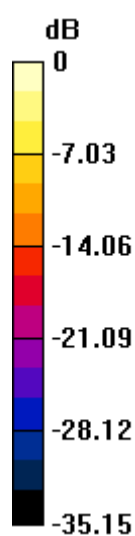
General Scans/x (longitudinal) (2007) 4.2mm 50 x 50/ABM Signal(x,y,z) (13x13x1):

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

ABM1/ABM2 = 28.88 dB

ABM1 = -10.57 dBA/m

Location: -16.7, 0, 3.7 mm



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

#03 HAC_T-Coil_GSM850_Voice_Ch251_Radial 2 (Y)**DUT: 341620**

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

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

Ambient Temperature : 22.1 °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 (4); SEMCAD X Version 14.6.8 (7028)

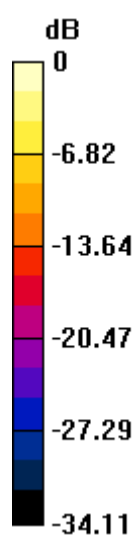
General Scans/y (transversal) 4.2mm 50 x 50/ABM Signal(x,y,z) (13x13x1): Measurement

grid: dx=10mm, dy=10mm

ABM1/ABM2 = 31.08 dB

ABM1 comp = -12.04 dBA/m

Location: -4.2, 4.2, 3.7 mm



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

#04 HAC_T-Coil_GSM1900_Voice_Ch512_Axial (Z)**DUT: 341620**

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

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

Ambient Temperature : 22.1 °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 (4); SEMCAD X Version 14.6.8 (7028)

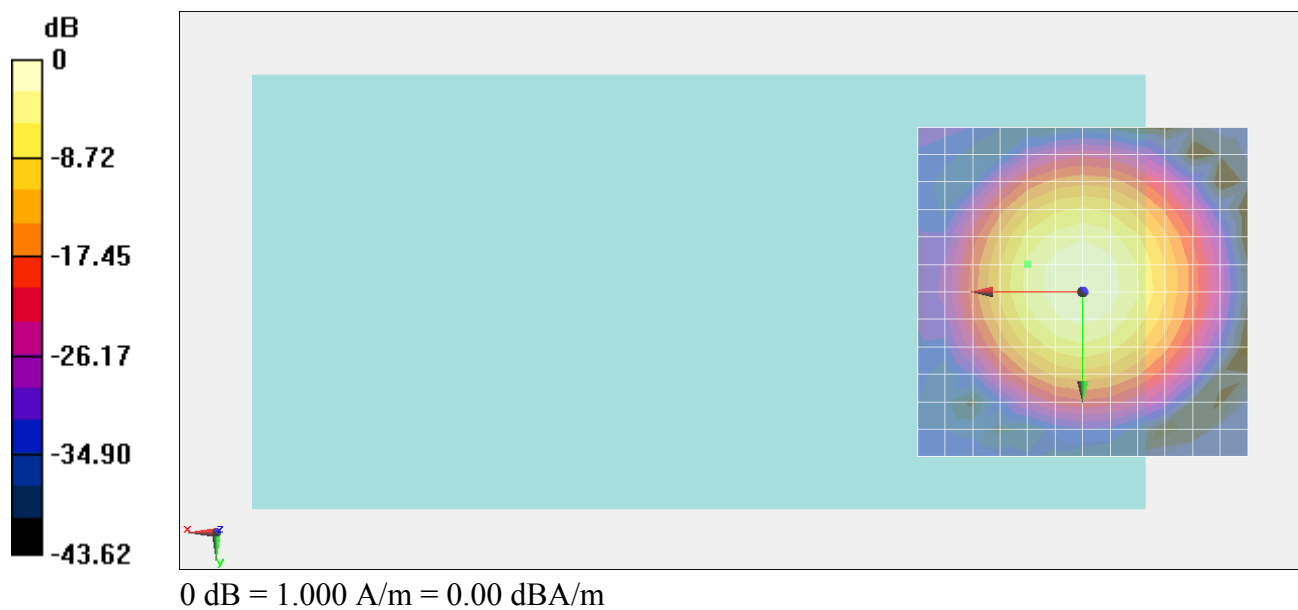
General Scans/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement grid:

dx=10mm, dy=10mm

ABM1/ABM2 = 36.94 dB

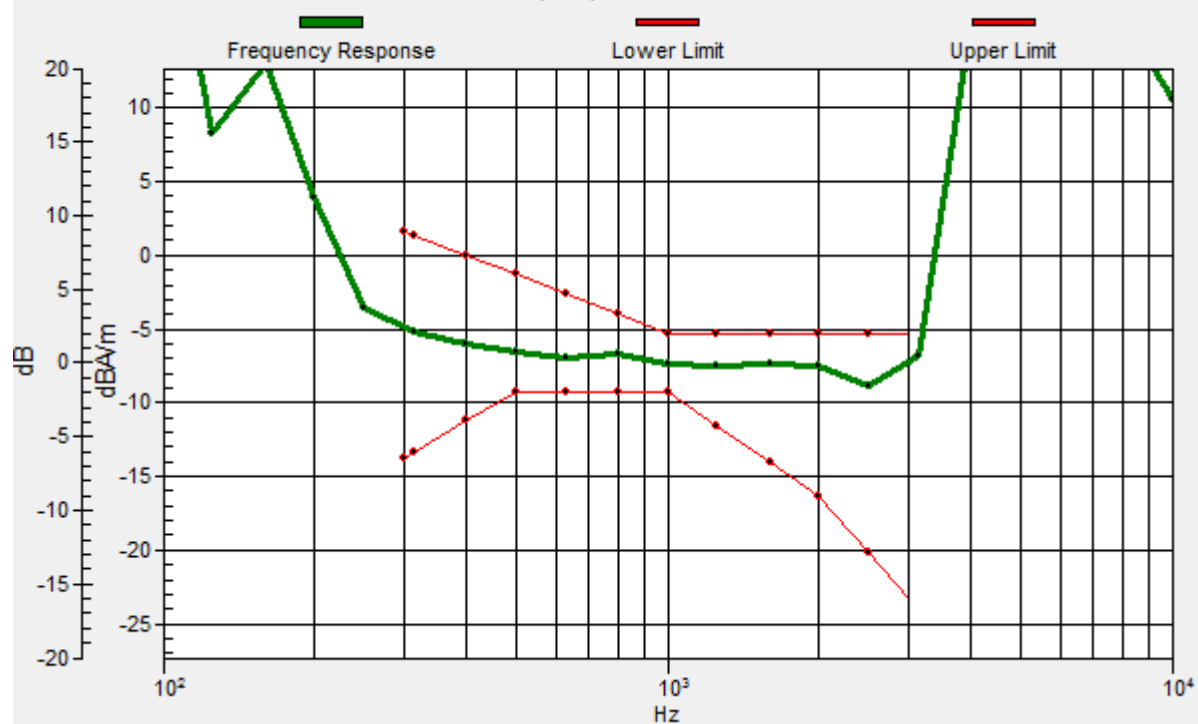
ABM1 comp = -5.00 dBA/m

Location: 8.3, -4.2, 3.7 mm



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

Loc: 8.3, -4.2, 3.7 mm Diff: 2dB



#04 HAC_T-Coil_GSM1900_Voice_Ch512_Radial 1 (X)**DUT: 341620**

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

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

Ambient Temperature : 22.1 °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 (4); SEMCAD X Version 14.6.8 (7028)

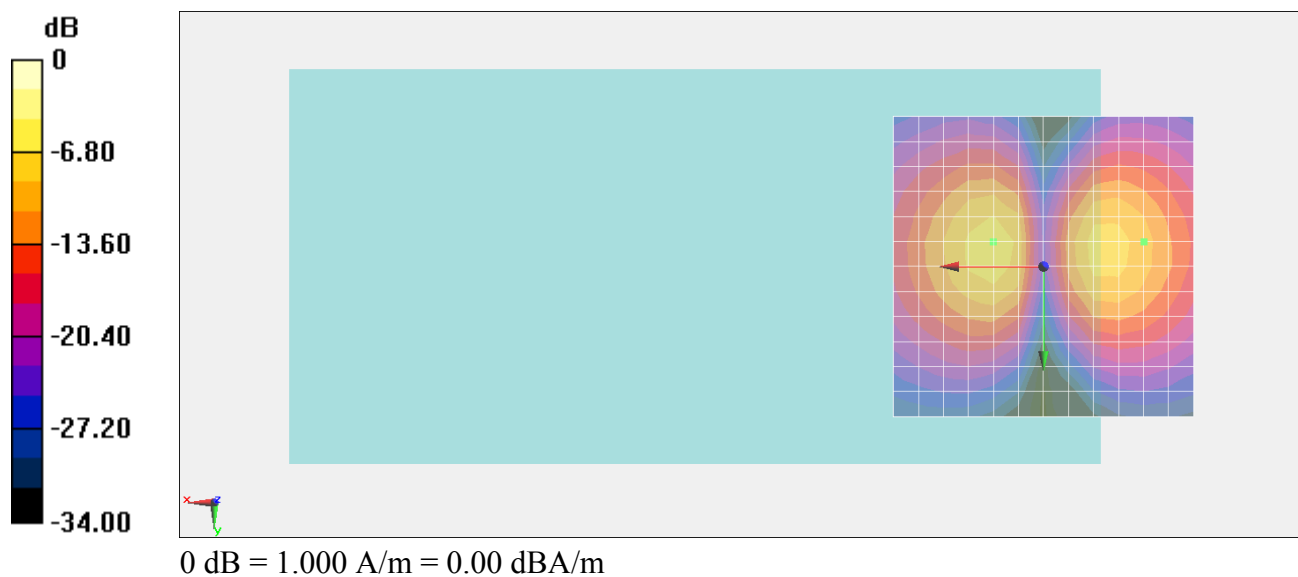
General Scans/x (longitudinal) (2007) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1):

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

ABM1/ABM2 = 27.19 dB

ABM1 = -10.13 dBA/m

Location: -16.7, -4.2, 3.7 mm



#04 HAC_T-Coil_GSM1900_Voice_Ch512_Radial 2 (Y)**DUT: 341620**

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

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

Ambient Temperature : 22.1 °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 (4); SEMCAD X Version 14.6.8 (7028)

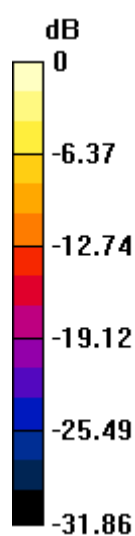
General Scans/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement

grid: dx=10mm, dy=10mm

ABM1/ABM2 = 33.55 dB

ABM1 comp = -12.87 dBA/m

Location: -8.3, -8.3, 3.7 mm



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

#05 HAC_T-Coil_GSM1900_Voice_Ch661_Axial (Z)**DUT: 341620**

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/m³

Ambient Temperature : 22.1 °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 (4); SEMCAD X Version 14.6.8 (7028)

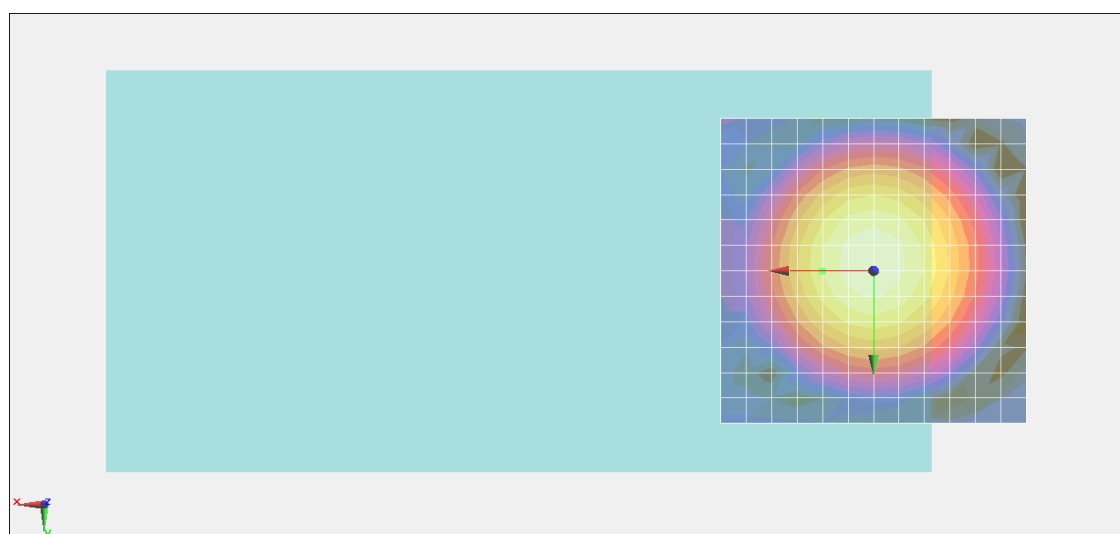
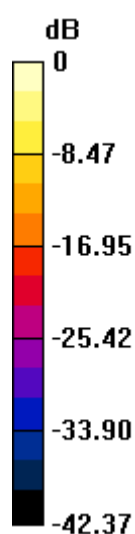
General Scans/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement grid:

dx=10mm, dy=10mm

ABM1/ABM2 = 36.46 dB

ABM1 comp = -5.47 dBA/m

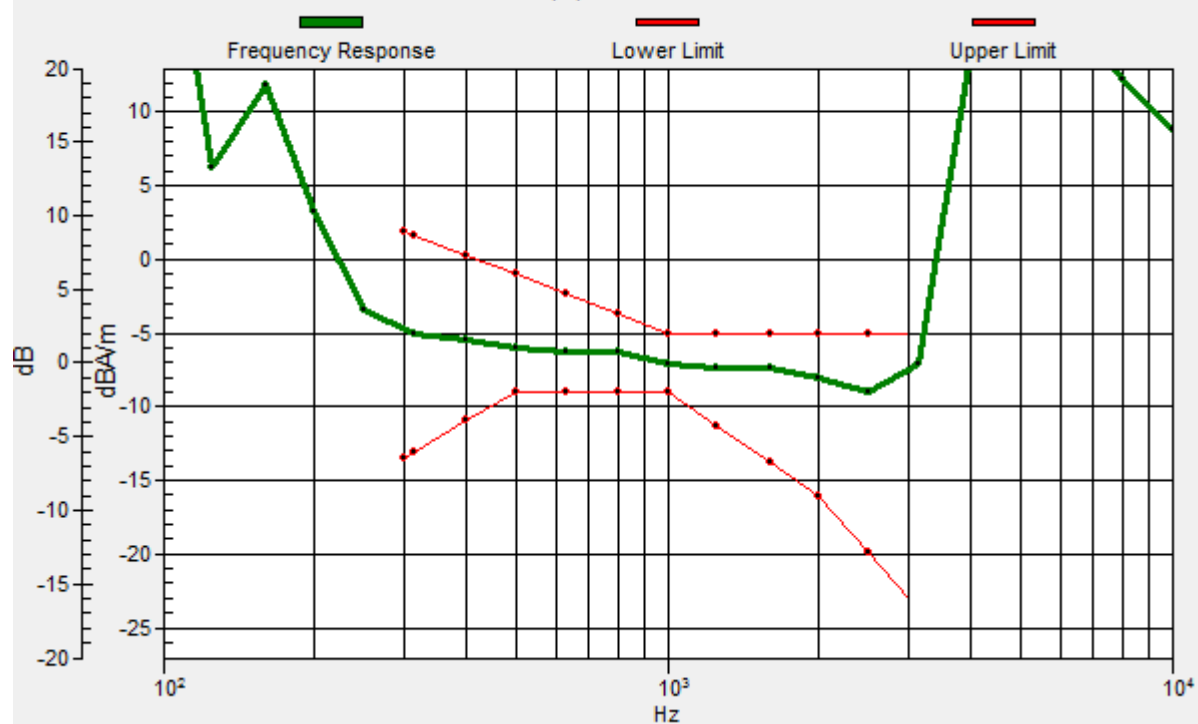
Location: 8.3, 0, 3.7 mm



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: 8.3, 0, 3.7 mm Diff: 2dB



#05 HAC_T-Coil_GSM1900_Voice_Ch661_Radial 1 (X)**DUT: 341620**

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/m³

Ambient Temperature : 22.1 °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 (4); SEMCAD X Version 14.6.8 (7028)

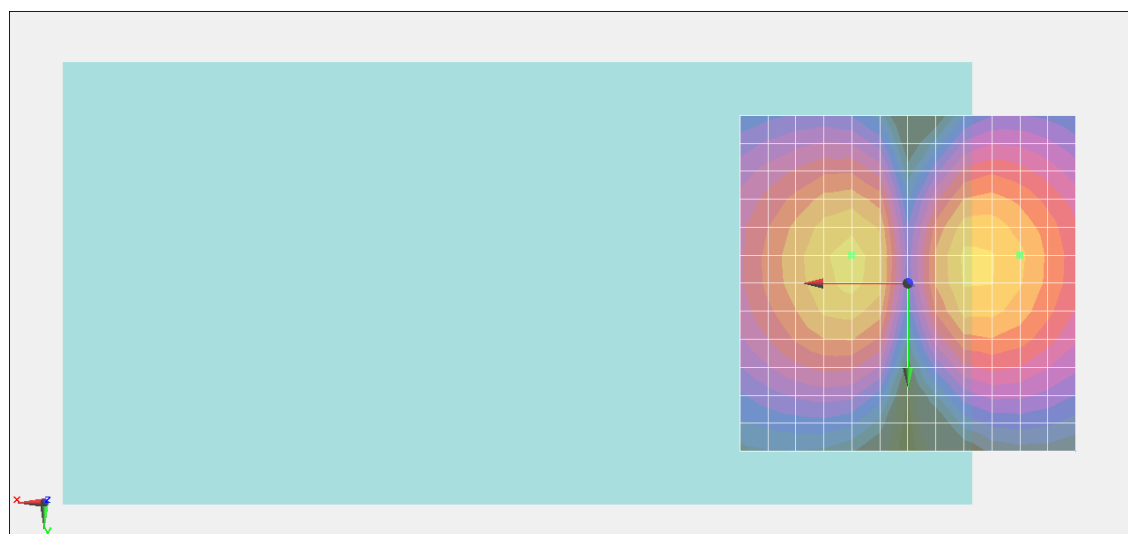
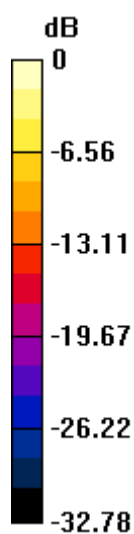
General Scans/x (longitudinal) (2007) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1):

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

ABM1/ABM2 = 25.64 dB

ABM1 = -10.27 dBA/m

Location: -16.7, -4.2, 3.7 mm



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

#05 HAC_T-Coil_GSM1900_Voice_Ch661_Radial 2 (Y)**DUT: 341620**

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/m³

Ambient Temperature : 22.1 °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 (4); SEMCAD X Version 14.6.8 (7028)

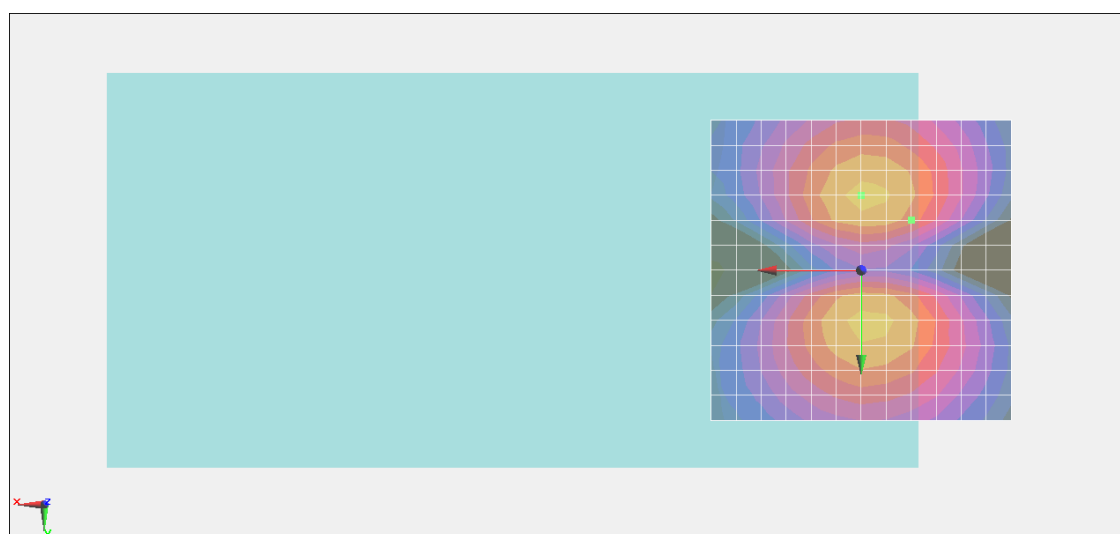
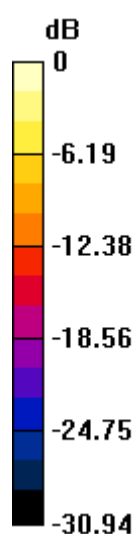
General Scans/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement

grid: dx=10mm, dy=10mm

ABM1/ABM2 = 32.24 dB

ABM1 comp = -13.26 dBA/m

Location: -8.3, -8.3, 3.7 mm



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

#06 HAC_T-Coil_GSM1900_Voice_Ch810_Axial (Z)**DUT: 341620**

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

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

Ambient Temperature : 22.1 °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 (4); SEMCAD X Version 14.6.8 (7028)

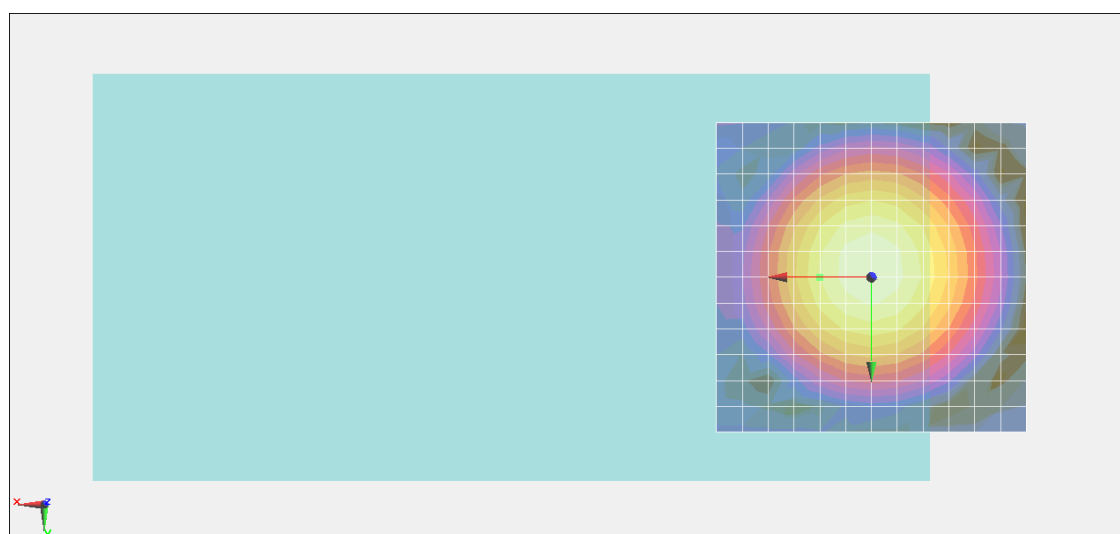
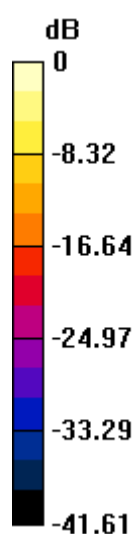
General Scans/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement grid:

dx=10mm, dy=10mm

ABM1/ABM2 = 36.25 dB

ABM1 comp = -5.38 dBA/m

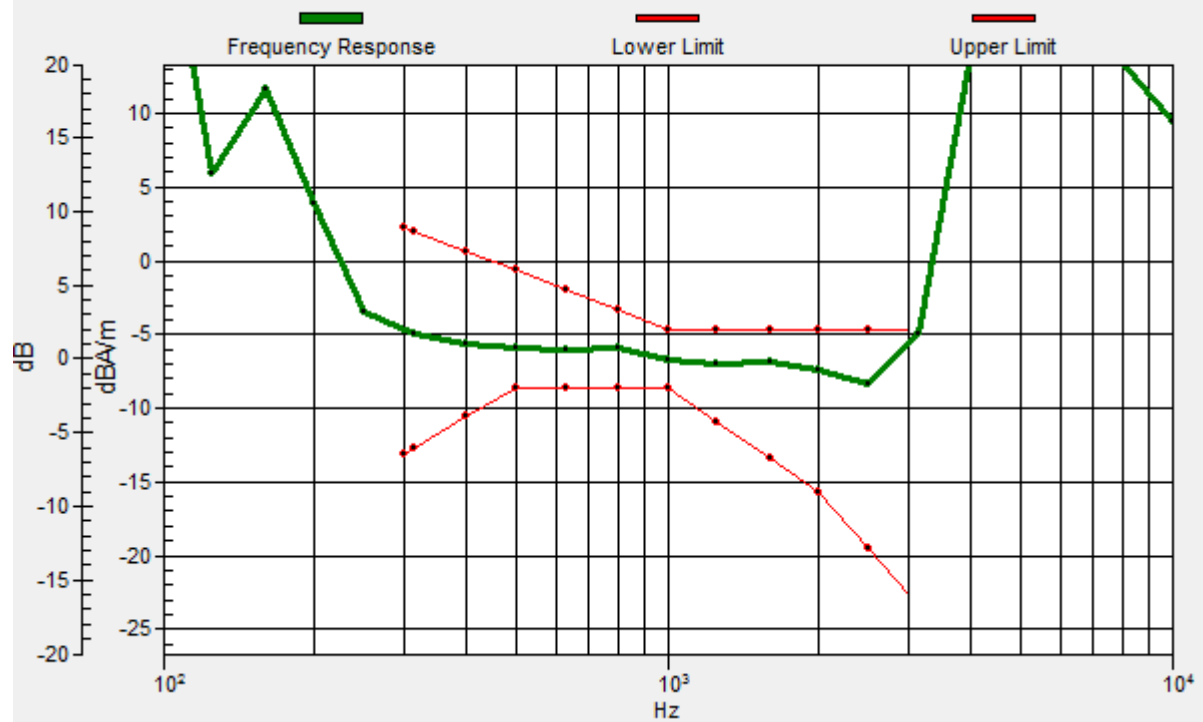
Location: 8.3, 0, 3.7 mm



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: 8.3, 0, 3.7 mm Diff: 1.08dB



#06 HAC_T-Coil_GSM1900_Voice_Ch810_Radial 1 (X)**DUT: 341620**

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

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

Ambient Temperature : 22.1 °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 (4); SEMCAD X Version 14.6.8 (7028)

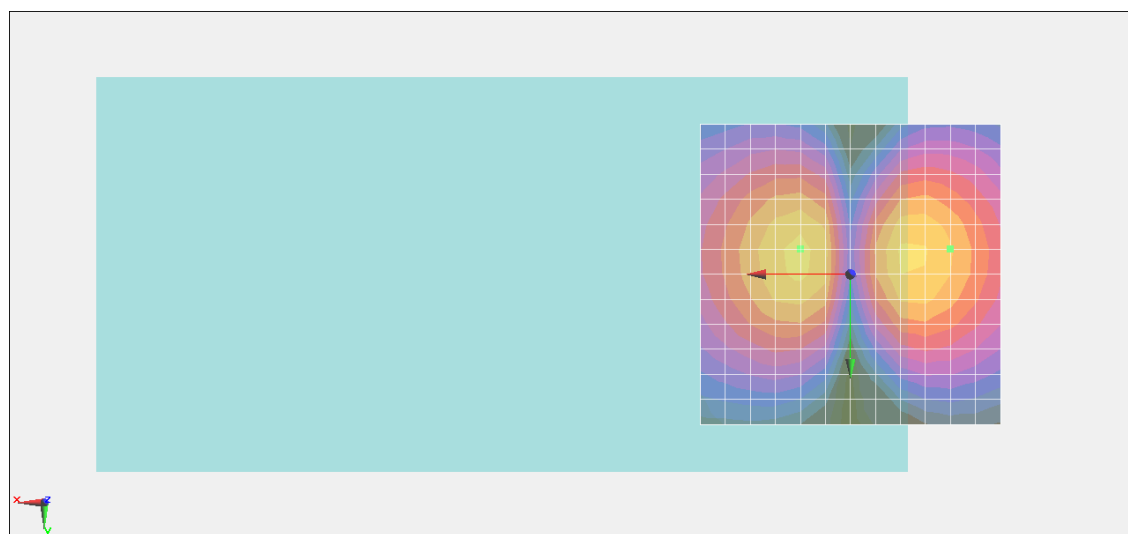
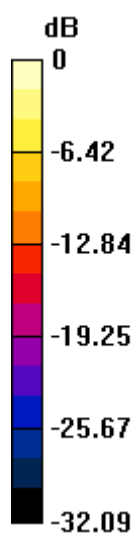
General Scans/x (longitudinal) (2007) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1):

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

ABM1/ABM2 = 24.94 dB

ABM1 = -10.37 dBA/m

Location: -16.7, -4.2, 3.7 mm



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

#06 HAC_T-Coil_GSM1900_Voice_Ch810_Radial 2 (Y)**DUT: 341620**

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

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

Ambient Temperature : 22.1 °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 (4); SEMCAD X Version 14.6.8 (7028)

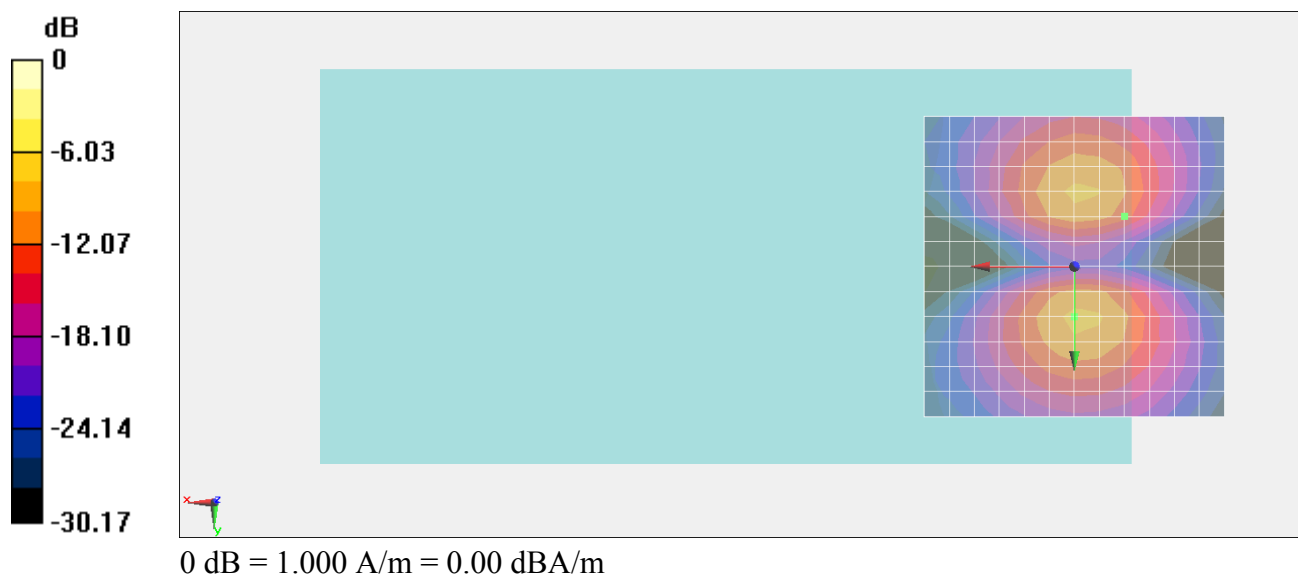
General Scans/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement

grid: dx=10mm, dy=10mm

ABM1/ABM2 = 32.76 dB

ABM1 comp = -12.97 dBA/m

Location: -8.3, -8.3, 3.7 mm



#07 HAC_T-Coil_WCDMA V_Voice_Ch4132_Axial (Z)**DUT: 341620**

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

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

Ambient Temperature : 22.5 °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 (4); SEMCAD X Version 14.6.8 (7028)

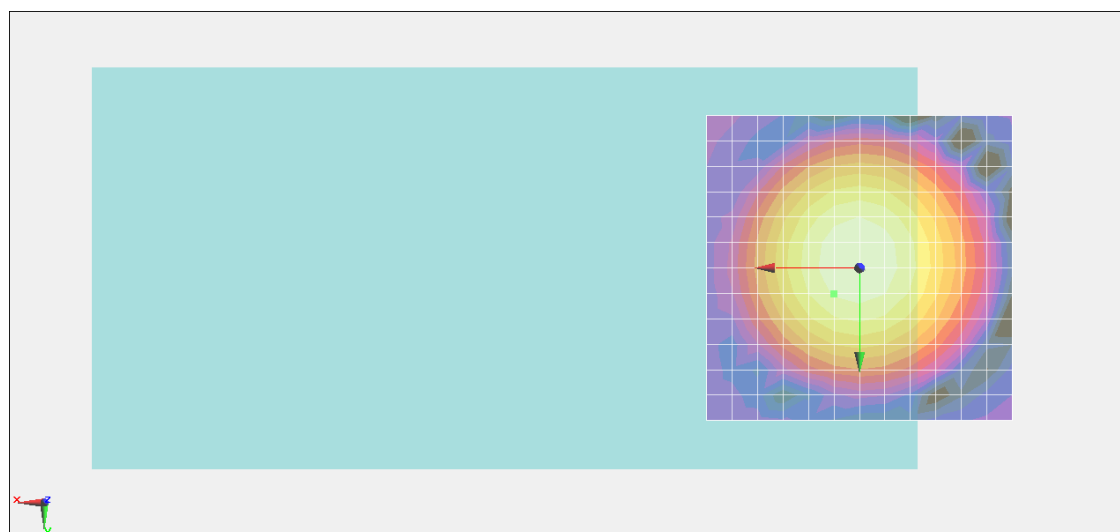
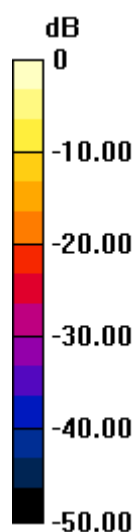
General Scans/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement grid:

dx=10mm, dy=10mm

ABM1/ABM2 = 37.98 dB

ABM1 comp = -2.80 dBA/m

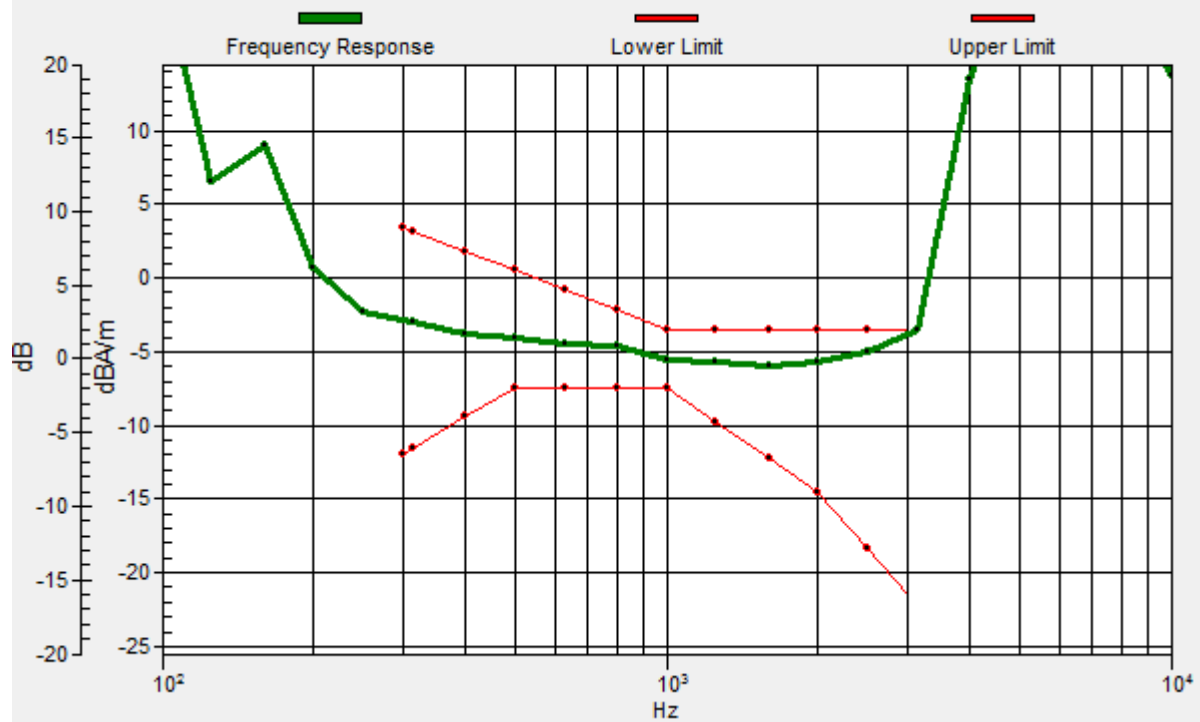
Location: 4.2, 4.2, 3.7 mm



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

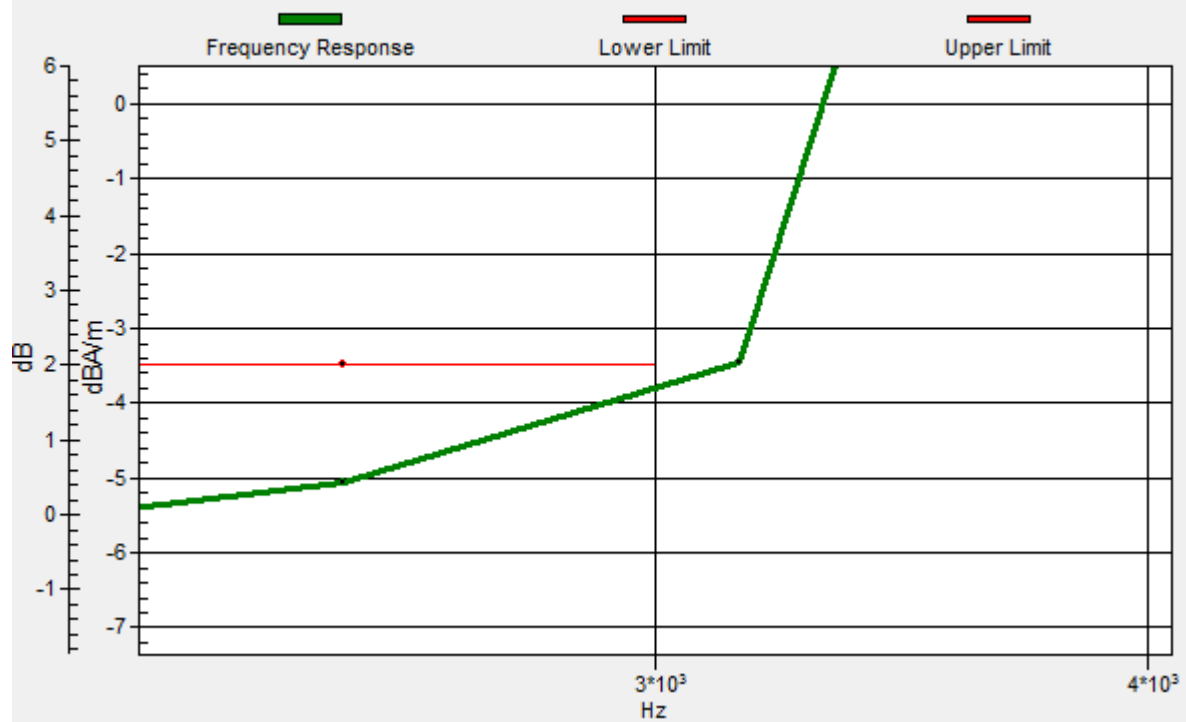
General Scans/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)

Loc: 4.2, 4.2, 3.7 mm Diff: 0.34dB



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

Loc: 4.2, 4.2, 3.7 mm Diff: 0.34dB



#07 HAC_T-Coil_WCDMA V_Voice_Ch4132_Radial 1 (X)**DUT: 341620**

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

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

Ambient Temperature : 22.5 °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 (4); SEMCAD X Version 14.6.8 (7028)

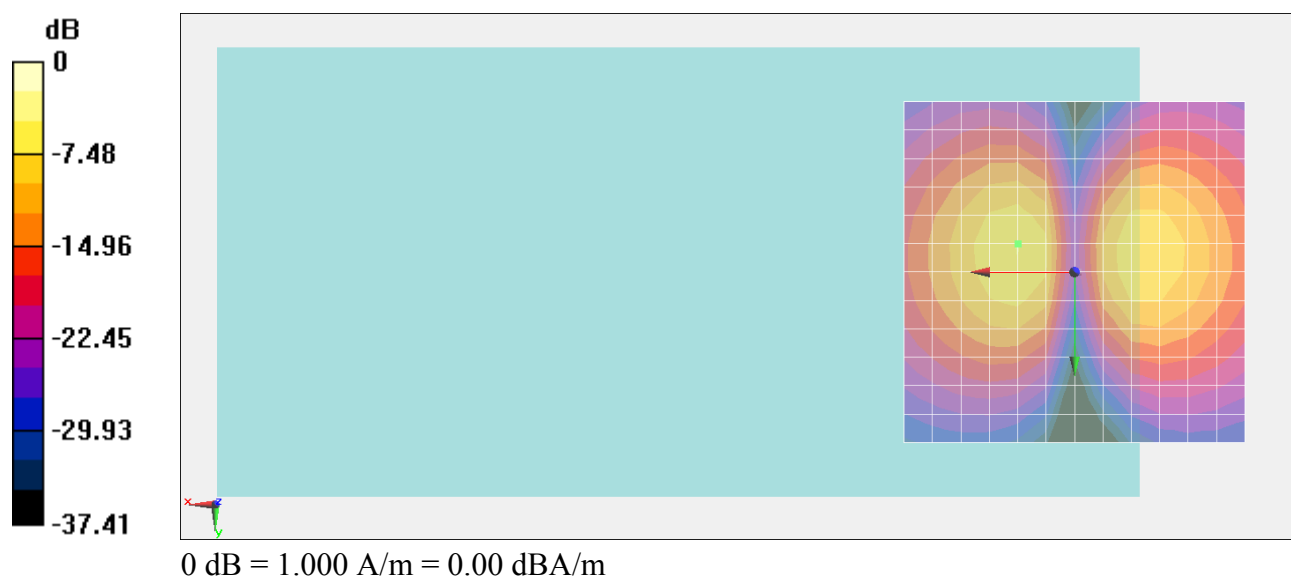
General Scans/x (longitudinal) (2007) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1):

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

ABM1/ABM2 = 34.93 dB

ABM1 = -7.33 dBA/m

Location: 8.3, -4.2, 3.7 mm



#07 HAC_T-Coil_WCDMA V_Voice_Ch4132_Radial 2 (Y)**DUT: 341620**

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

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

Ambient Temperature : 22.5 °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 (4); SEMCAD X Version 14.6.8 (7028)

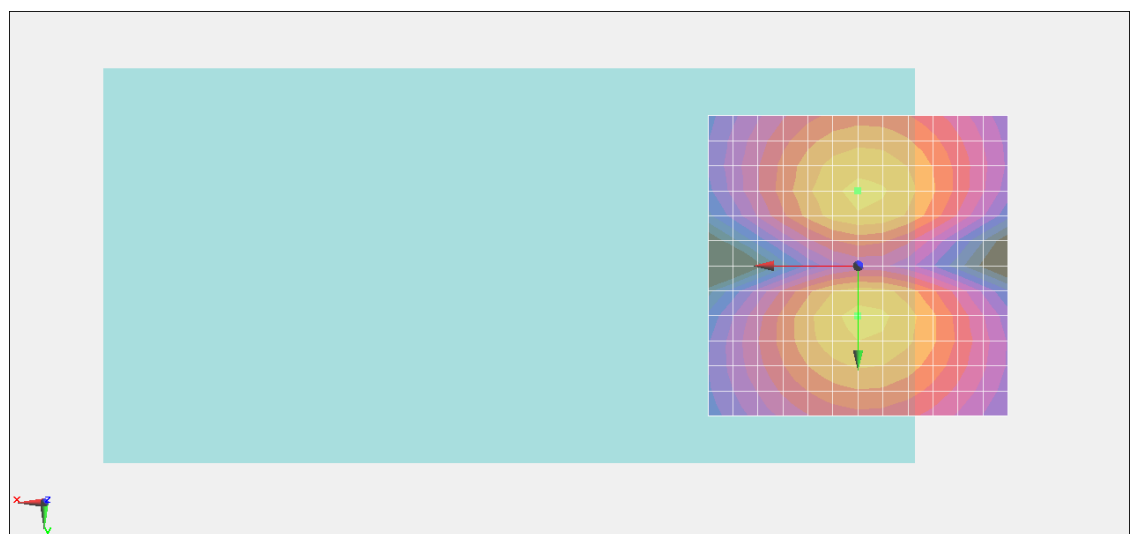
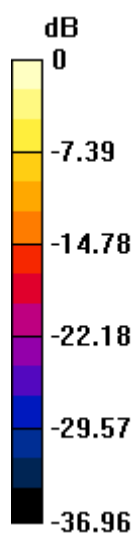
General Scans/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement

grid: dx=10mm, dy=10mm

ABM1/ABM2 = 35.50 dB

ABM1 comp = -9.08 dBA/m

Location: 0, -12.5, 3.7 mm



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

#08 HAC_T-Coil_WCDMA V_Voice_Ch4182_Axial (Z)**DUT: 341620**

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

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

Ambient Temperature : 22.5 °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 (4); SEMCAD X Version 14.6.8 (7028)

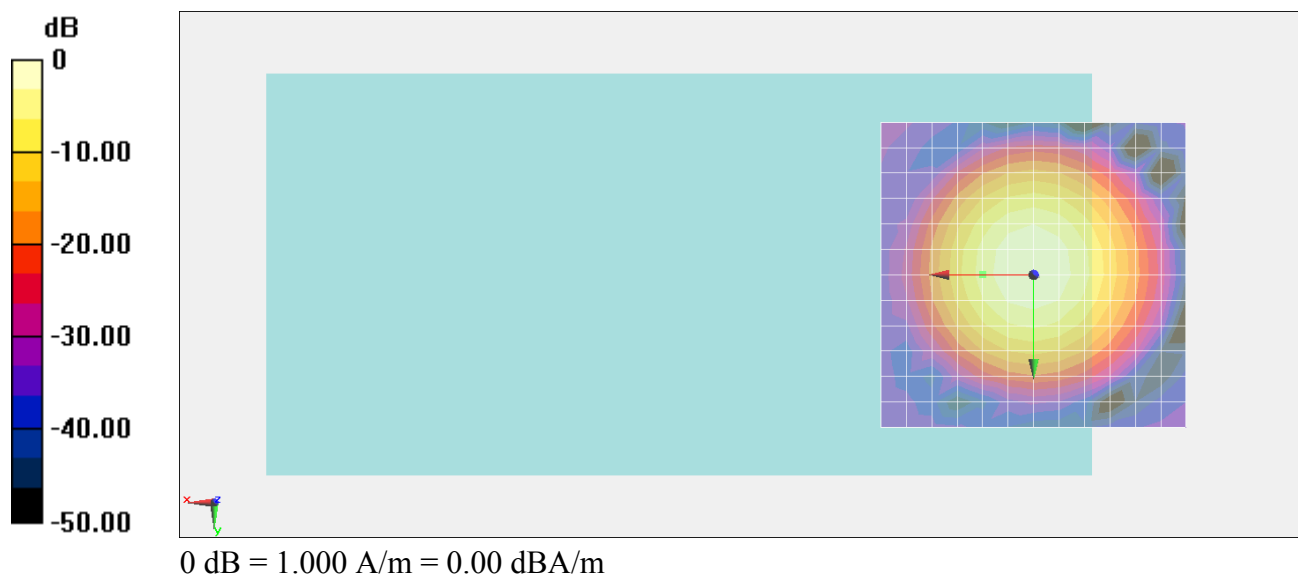
General Scans/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement grid:

dx=10mm, dy=10mm

ABM1/ABM2 = 37.46 dB

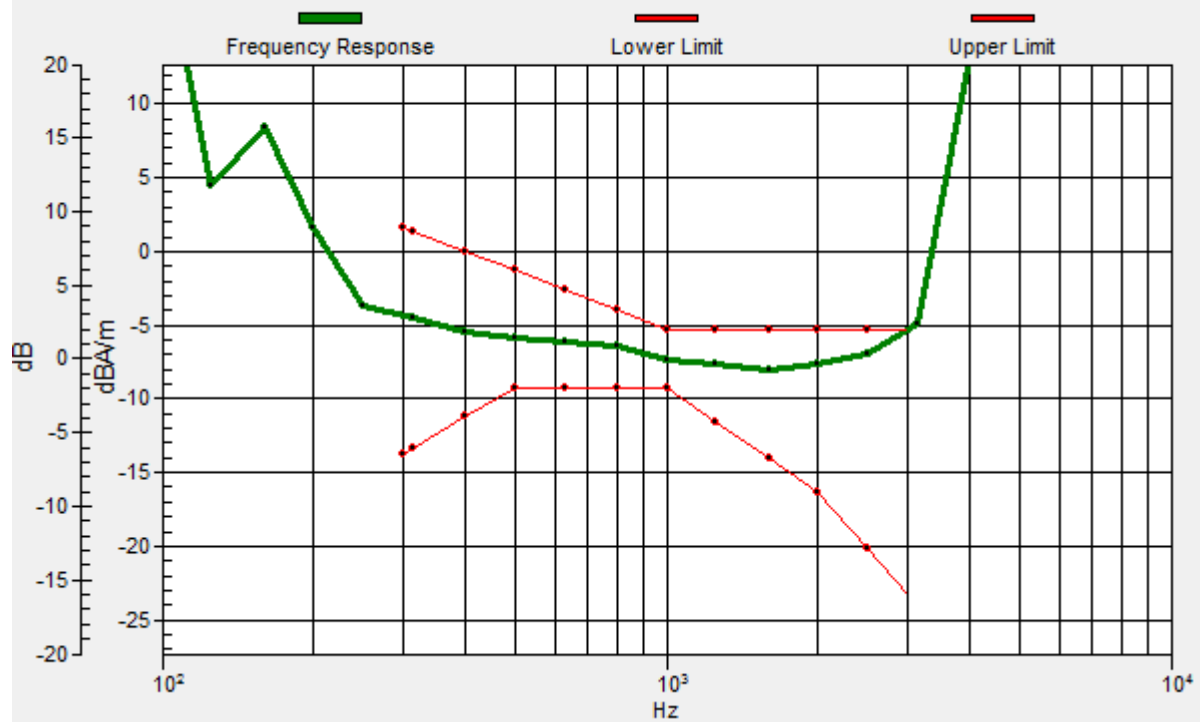
ABM1 comp = -4.90 dBA/m

Location: 8.3, 0, 3.7 mm



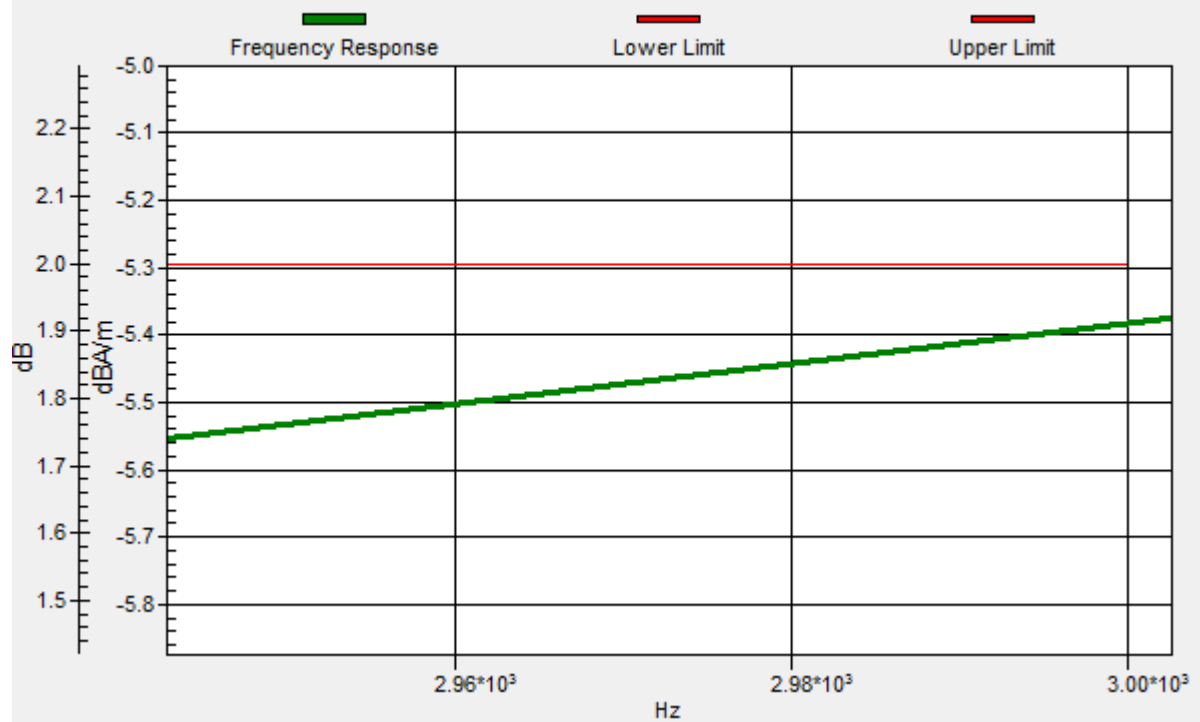
General Scans/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)

Loc: 8.3, 0, 3.7 mm Diff: 0.13dB



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

Loc: 8.3, 0, 3.7 mm Diff: 0.13dB



#08 HAC_T-Coil_WCDMA V_Voice_Ch4182_Radial 1 (X)**DUT: 341620**

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

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

Ambient Temperature : 22.5 °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 (4); SEMCAD X Version 14.6.8 (7028)

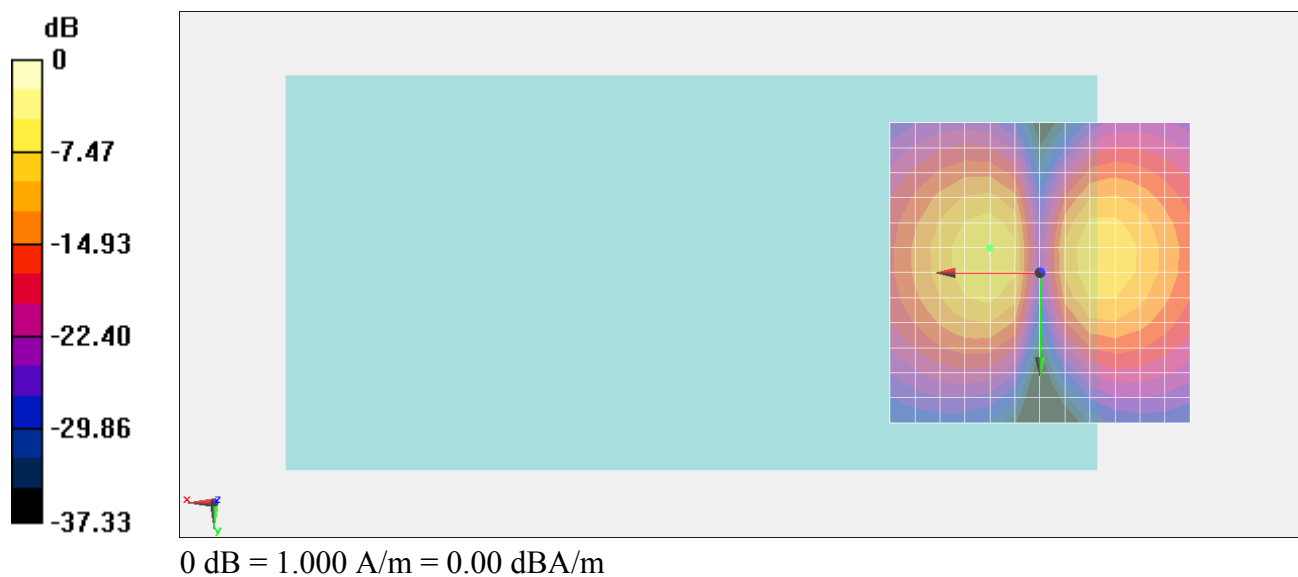
General Scans/x (longitudinal) (2007) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1):

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

ABM1/ABM2 = 34.84 dB

ABM1 = -7.27 dBA/m

Location: 8.3, -4.2, 3.7 mm



#08 HAC_T-Coil_WCDMA V_Voice_Ch4182_Radial 2 (Y)**DUT: 341620**

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

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

Ambient Temperature : 22.5 °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 (4); SEMCAD X Version 14.6.8 (7028)

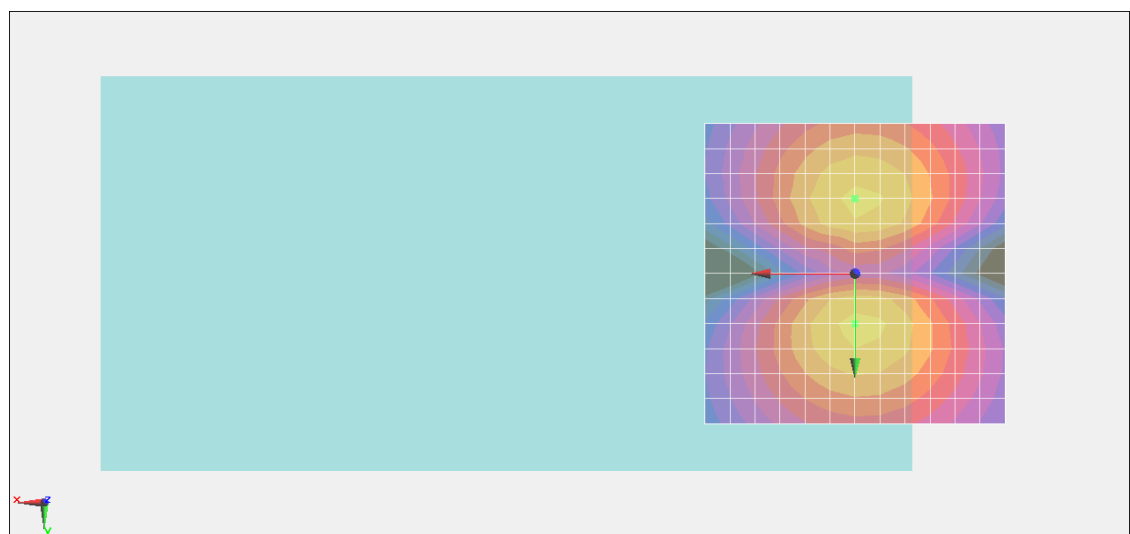
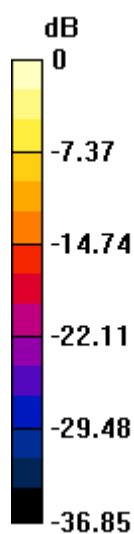
General Scans/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement

grid: dx=10mm, dy=10mm

ABM1/ABM2 = 35.73 dB

ABM1 comp = -9.12 dBA/m

Location: 0, -12.5, 3.7 mm



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

#09 HAC_T-Coil_WCDMA V_Voice_Ch4233_Axial (Z)**DUT: 341620**

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

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

Ambient Temperature : 22.5 °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 (4); SEMCAD X Version 14.6.8 (7028)

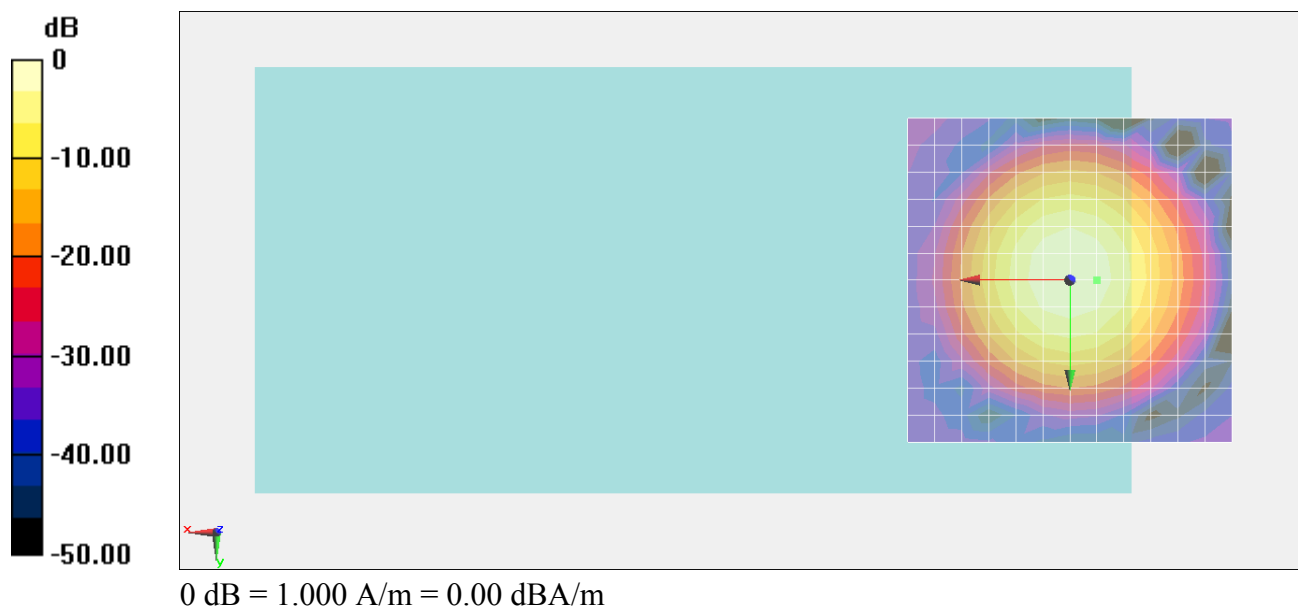
General Scans/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement grid:

dx=10mm, dy=10mm

ABM1/ABM2 = 37.83 dB

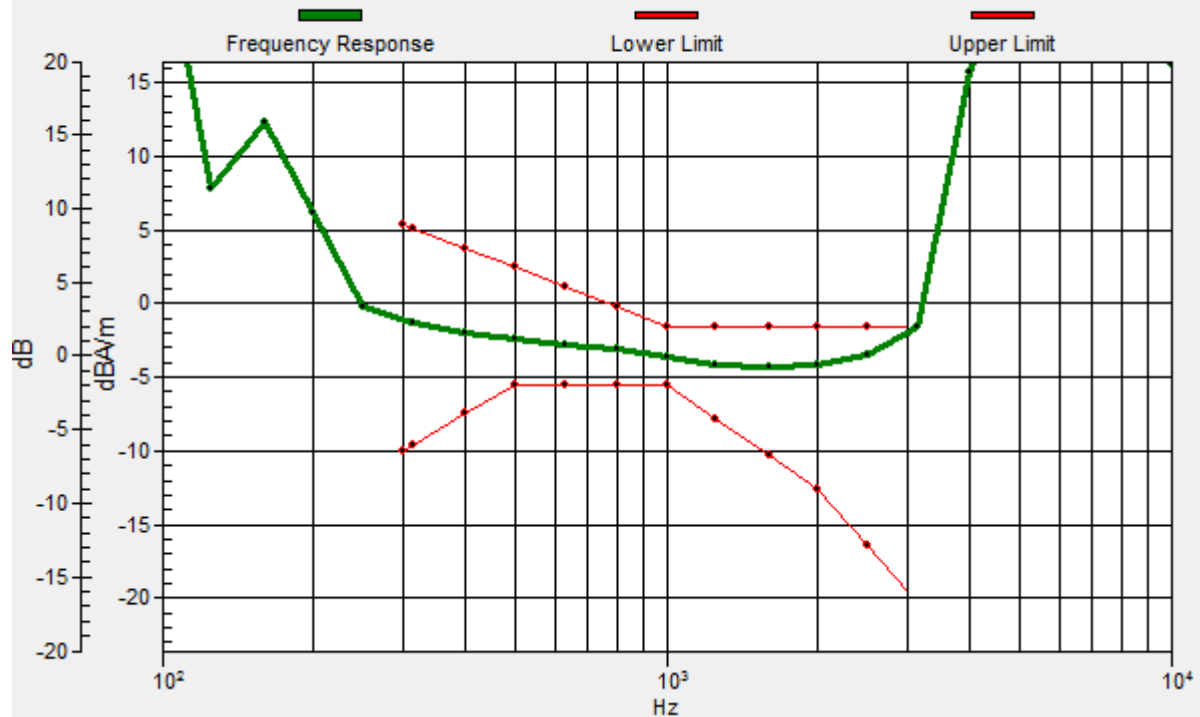
ABM1 comp = -1.15 dBA/m

Location: -4.2, 0, 3.7 mm



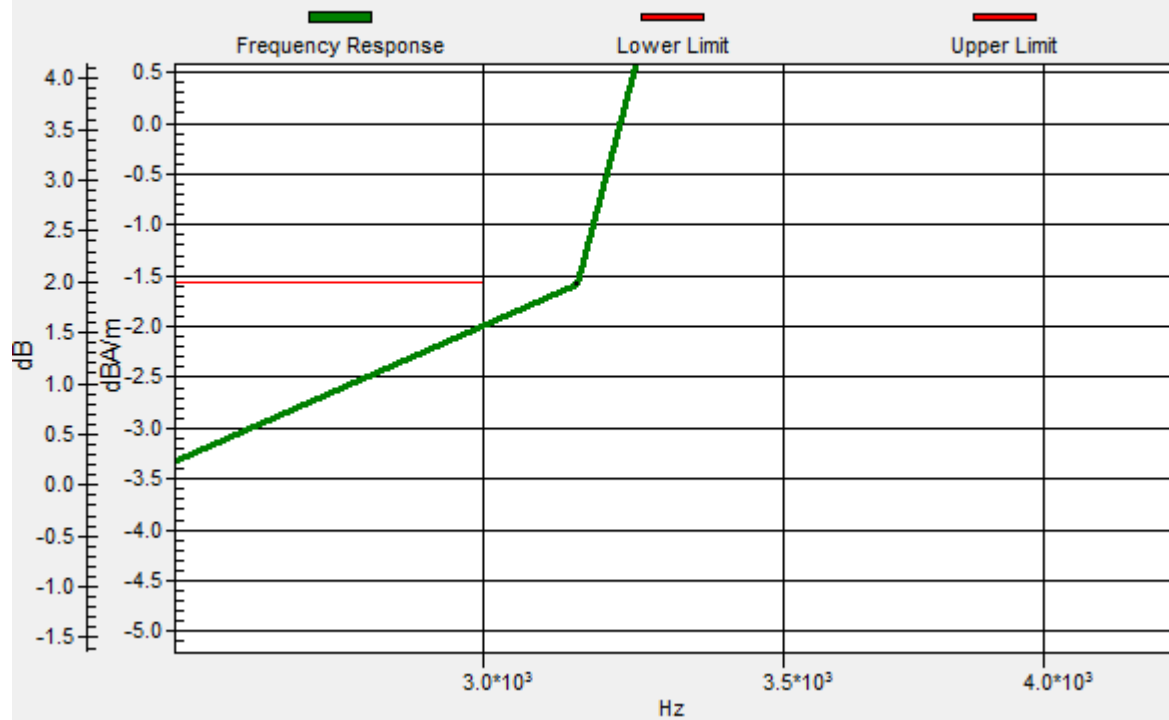
General Scans/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)

Loc: -4.2, 0, 3.7 mm Diff: 0.47dB



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

Loc: -4.2, 0, 3.7 mm Diff: 0.47dB



#09 HAC_T-Coil_WCDMA V_Voice_Ch4233_Radial 1 (X)**DUT: 341620**

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

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

Ambient Temperature : 22.5 °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 (4); SEMCAD X Version 14.6.8 (7028)

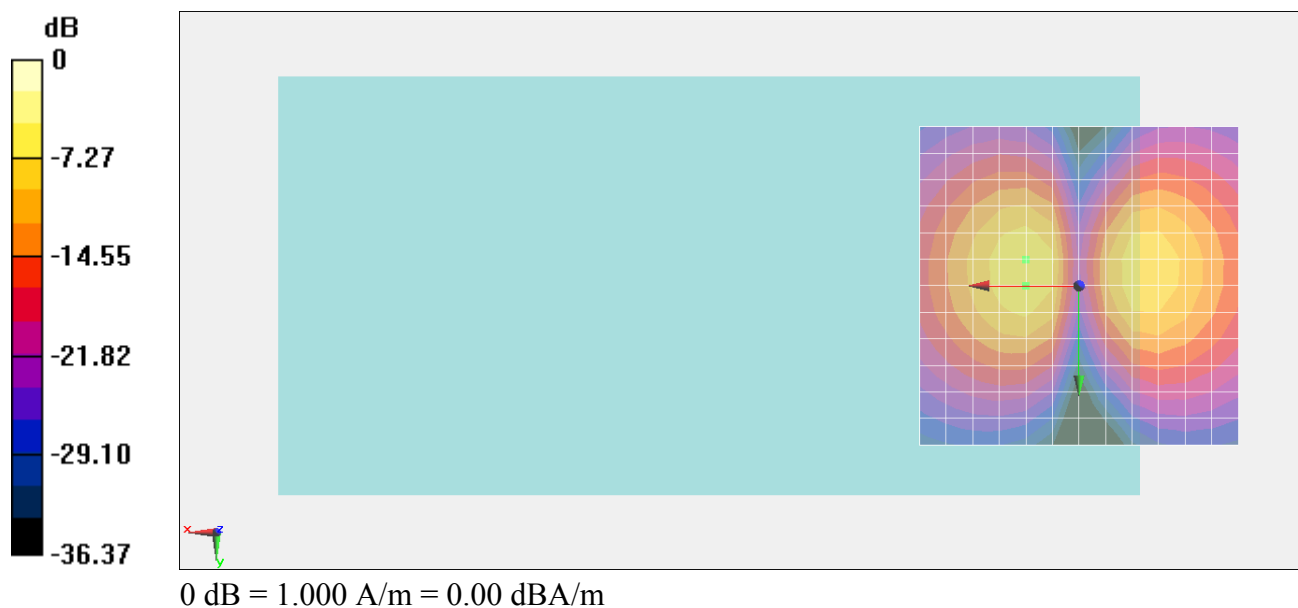
General Scans/x (longitudinal) (2007) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1):

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

ABM1/ABM2 = 34.29 dB

ABM1 = -7.53 dBA/m

Location: 8.3, 0, 3.7 mm



#09 HAC_T-Coil_WCDMA V_Voice_Ch4233_Radial 2 (Y)**DUT: 341620**

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

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

Ambient Temperature : 22.5 °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 (4); SEMCAD X Version 14.6.8 (7028)

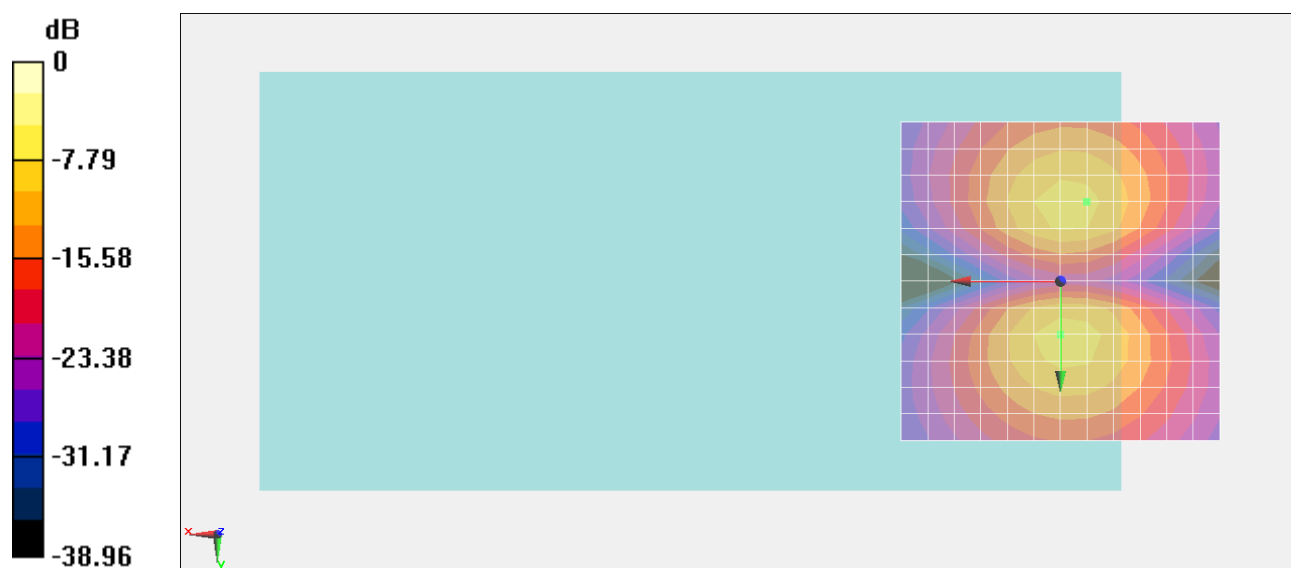
General Scans/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement

grid: dx=10mm, dy=10mm

ABM1/ABM2 = 35.89 dB

ABM1 comp = -9.48 dBA/m

Location: -4.2, -12.5, 3.7 mm



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

#10 HAC_T-Coil_WCDMA II_Voice_Ch9262_Axial (Z)**DUT: 341620**

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

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

Ambient Temperature : 22.1 °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 (4); SEMCAD X Version 14.6.8 (7028)

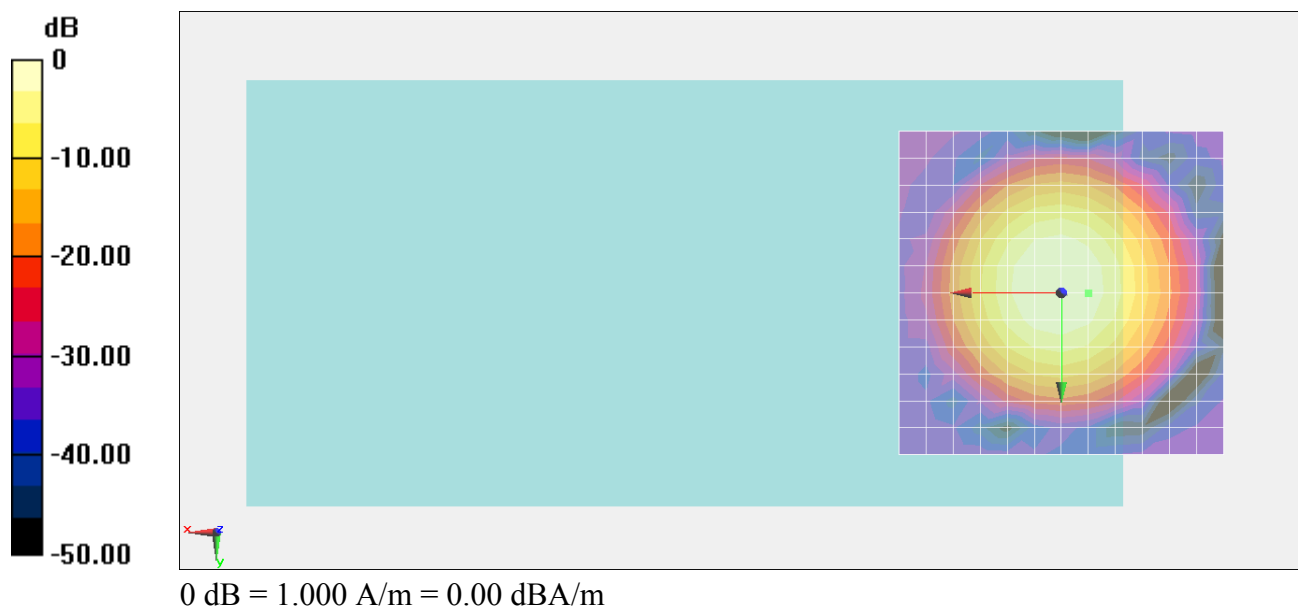
General Scans/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement grid:

dx=10mm, dy=10mm

ABM1/ABM2 = 37.61 dB

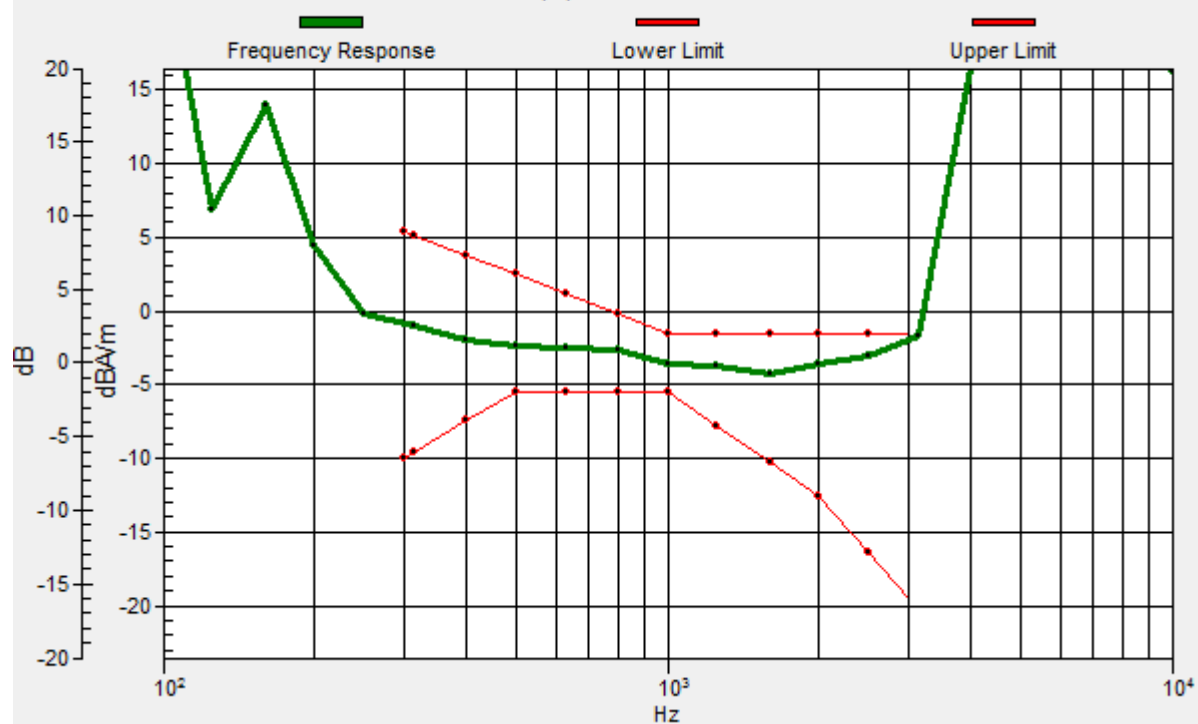
ABM1 comp = -0.80 dBA/m

Location: -4.2, 0, 3.7 mm



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

Loc: -4.2, 0, 3.7 mm Diff: 0.48dB



#10 HAC_T-Coil_WCDMA II_Voice_Ch9262_Radial 1 (X)**DUT: 341620**

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

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

Ambient Temperature : 22.1 °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 (4); SEMCAD X Version 14.6.8 (7028)

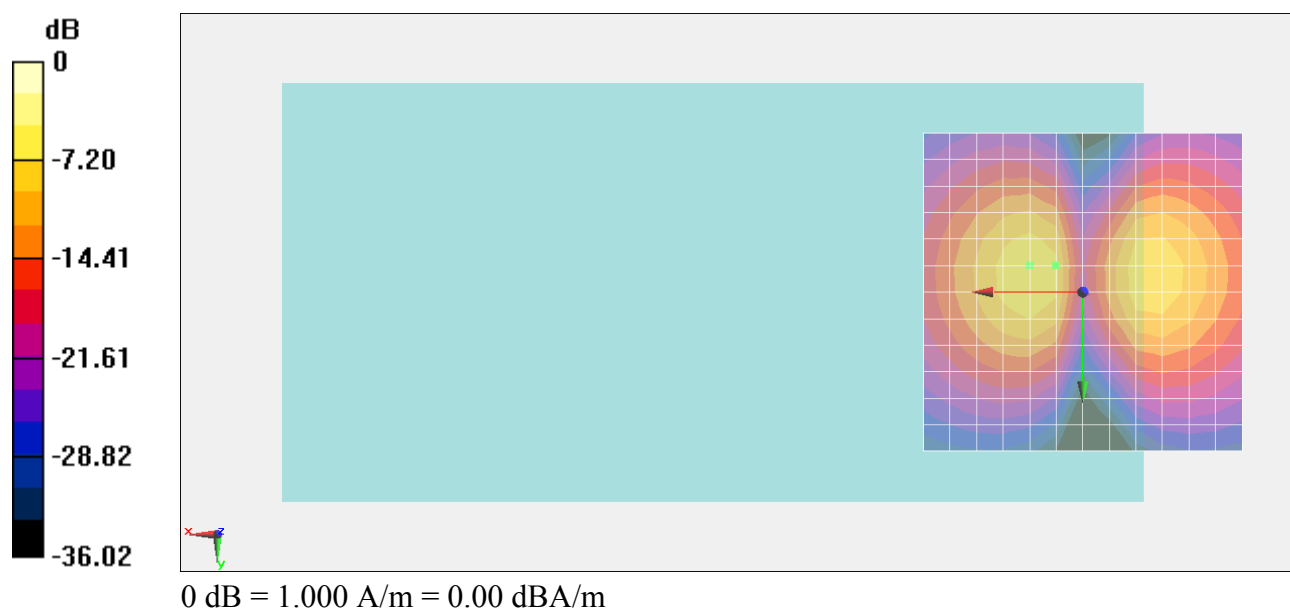
General Scans/x (longitudinal) (2007) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1):

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

ABM1/ABM2 = 35.59 dB

ABM1 = -8.87 dBA/m

Location: 4.2, -4.2, 3.7 mm



#10 HAC_T-Coil_WCDMA II_Voice_Ch9262_Radial 2 (Y)**DUT: 341620**

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

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

Ambient Temperature : 22.1 °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 (4); SEMCAD X Version 14.6.8 (7028)

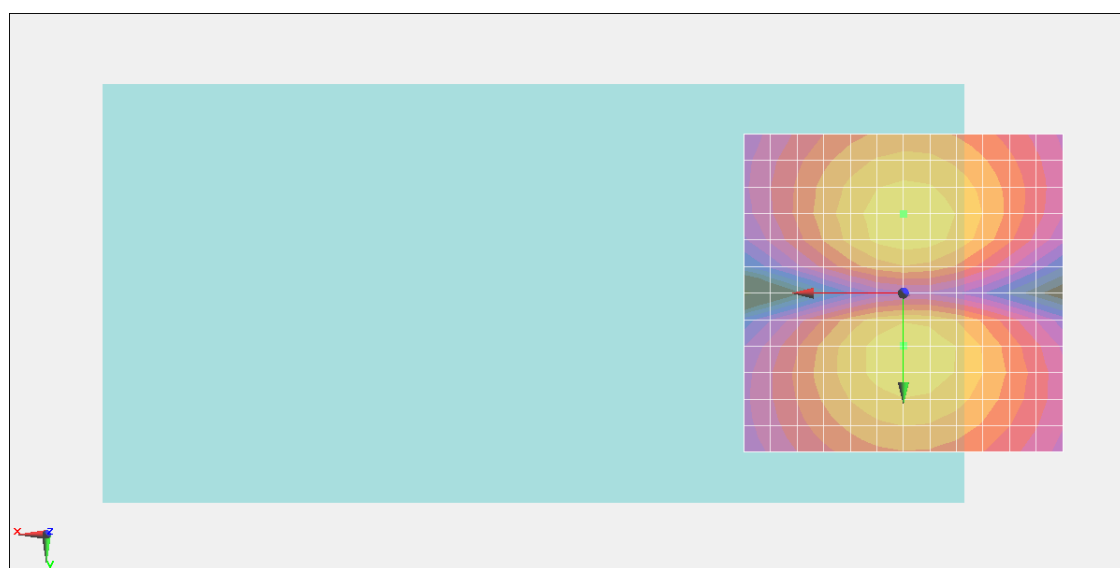
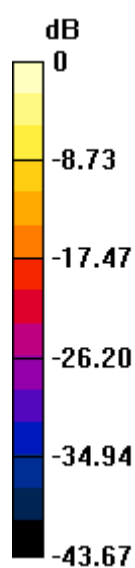
General Scans/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement

grid: dx=10mm, dy=10mm

ABM1/ABM2 = 36.79 dB

ABM1 comp = -9.39 dBA/m

Location: 0, -12.5, 3.7 mm



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

#11 HAC_T-Coil_WCDMA II_Voice_Ch9400_Axial (Z)**DUT: 341620**

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/m³

Ambient Temperature : 22.1 °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 (4); SEMCAD X Version 14.6.8 (7028)

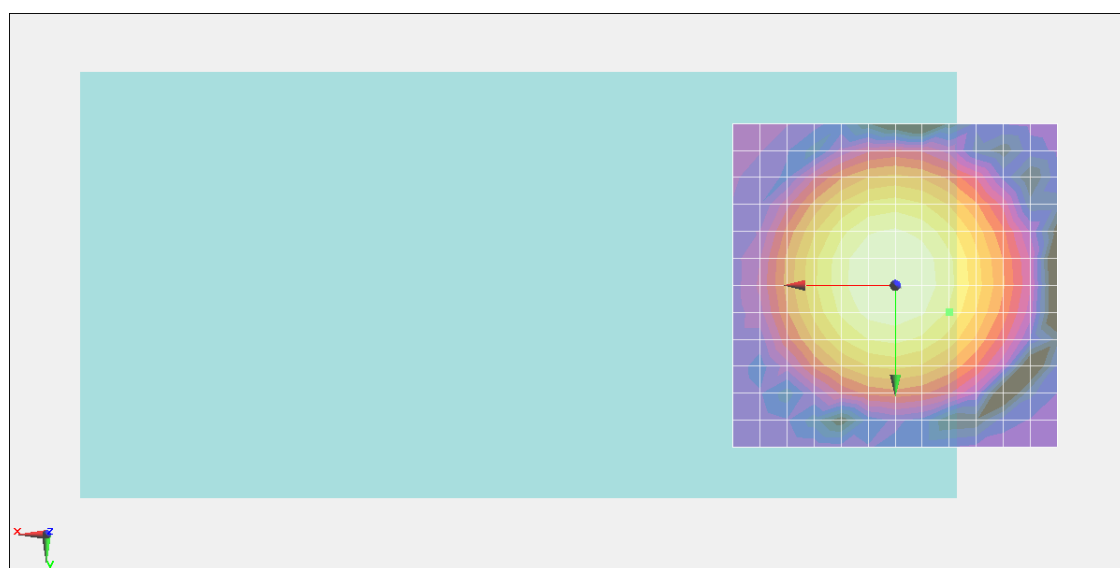
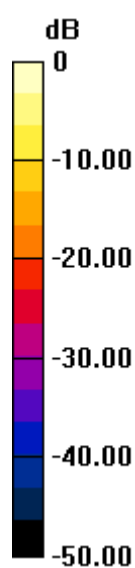
General Scans/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement grid:

dx=10mm, dy=10mm

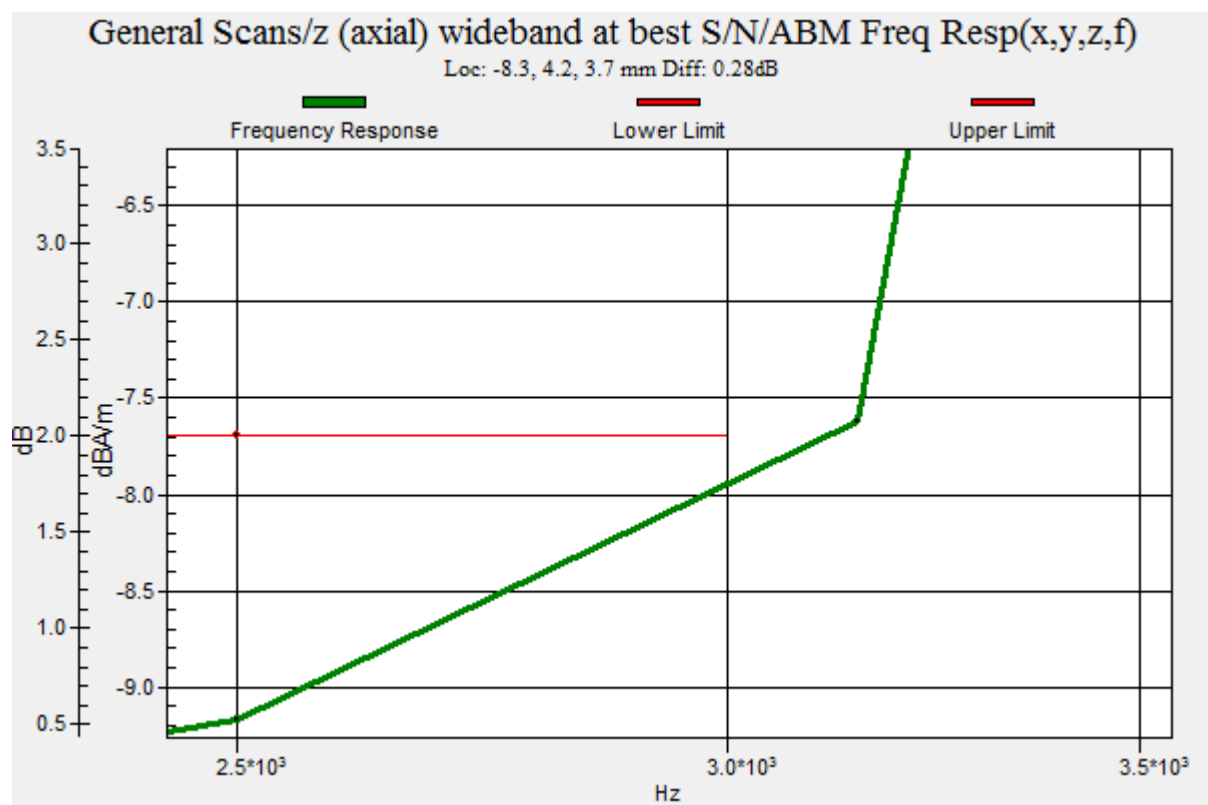
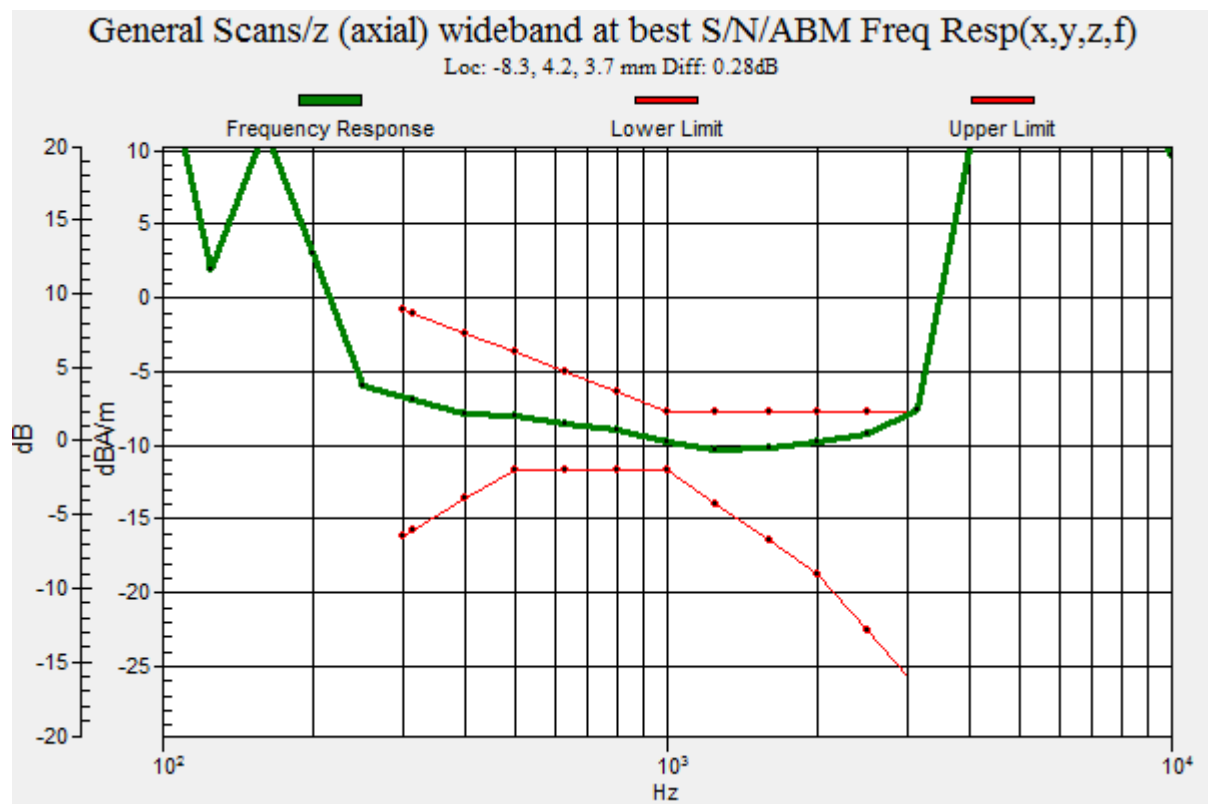
ABM1/ABM2 = 37.35 dB

ABM1 comp = -7.23 dBA/m

Location: -8.3, 4.2, 3.7 mm



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



#11 HAC_T-Coil_WCDMA II_Voice_Ch9400_Radial 1 (X)**DUT: 341620**

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/m³

Ambient Temperature : 22.1 °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 (4); SEMCAD X Version 14.6.8 (7028)

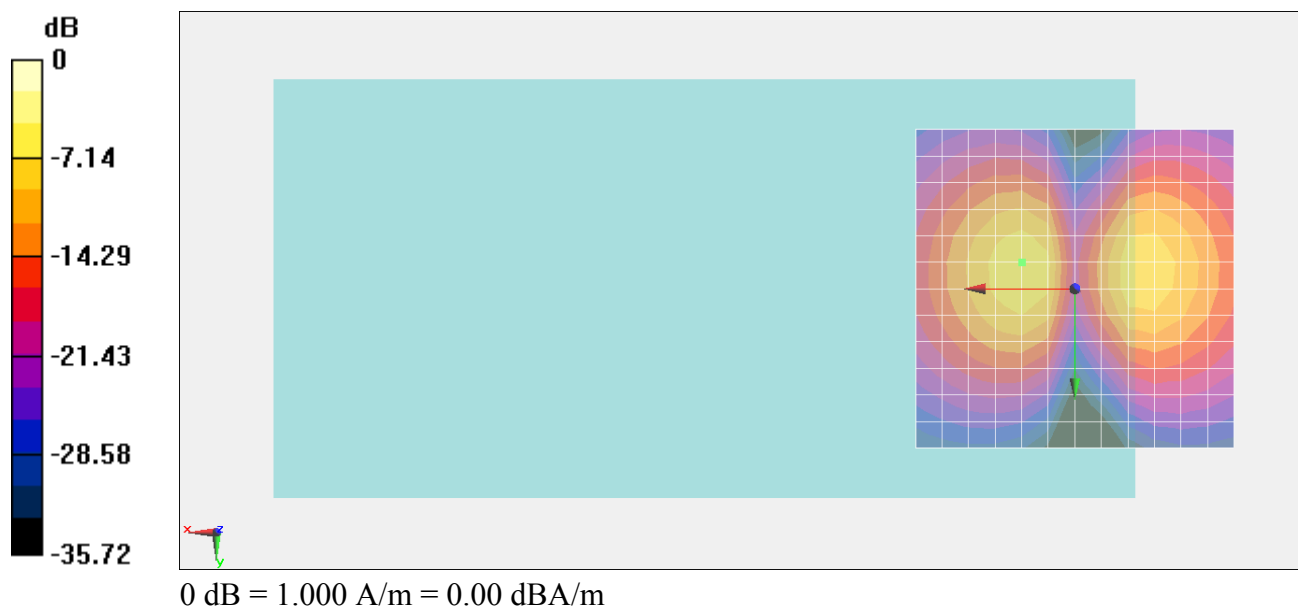
General Scans/x (longitudinal) (2007) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1):

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

ABM1/ABM2 = 35.61 dB

ABM1 = -7.50 dBA/m

Location: 8.3, -4.2, 3.7 mm



#11 HAC_T-Coil_WCDMA II_Voice_Ch9400_Radial 2 (Y)**DUT: 341620**

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/m³

Ambient Temperature : 22.1 °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 (4); SEMCAD X Version 14.6.8 (7028)

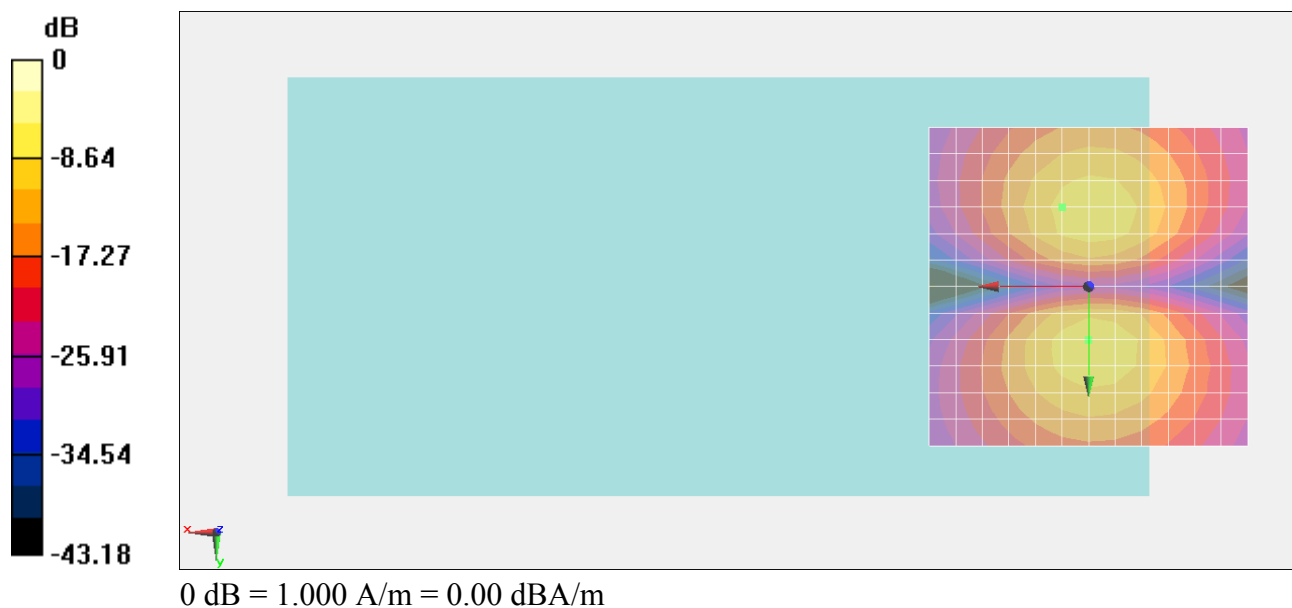
General Scans/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement

grid: dx=10mm, dy=10mm

ABM1/ABM2 = 35.71 dB

ABM1 comp = -10.43 dBA/m

Location: 4.2, -12.5, 3.7 mm



#12 HAC_T-Coil_WCDMA II_Voice_Ch9538_Axial (Z)**DUT: 341620**

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

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

Ambient Temperature : 22.1 °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 (4); SEMCAD X Version 14.6.8 (7028)

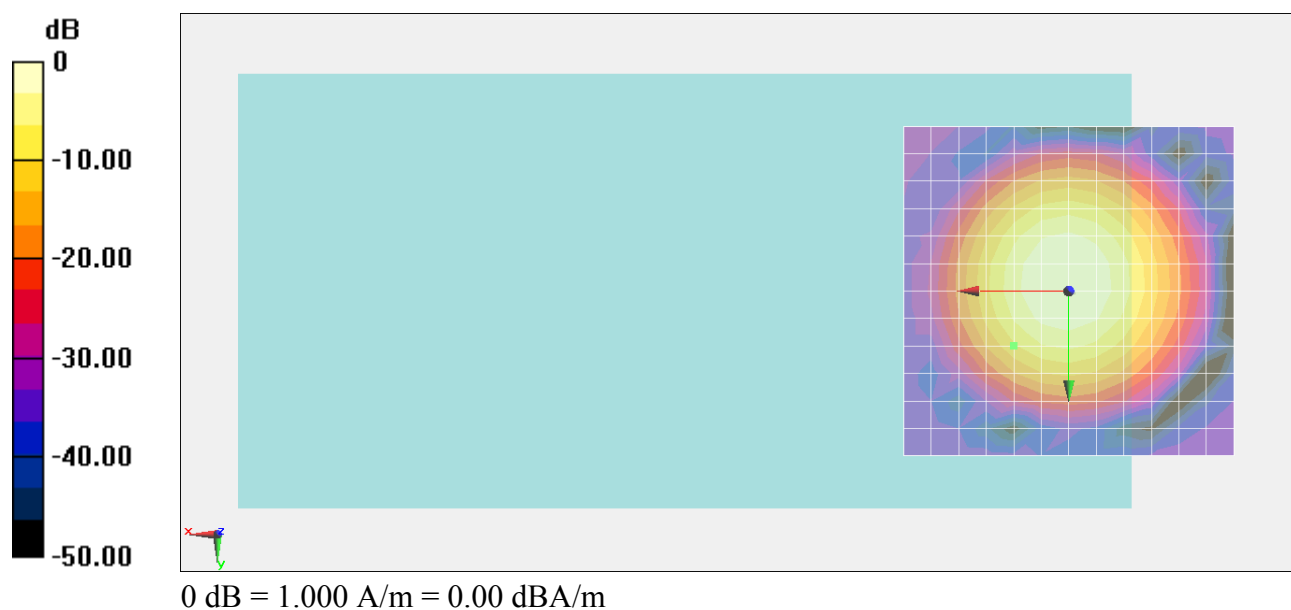
General Scans/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement grid:

dx=10mm, dy=10mm

ABM1/ABM2 = 36.20 dB

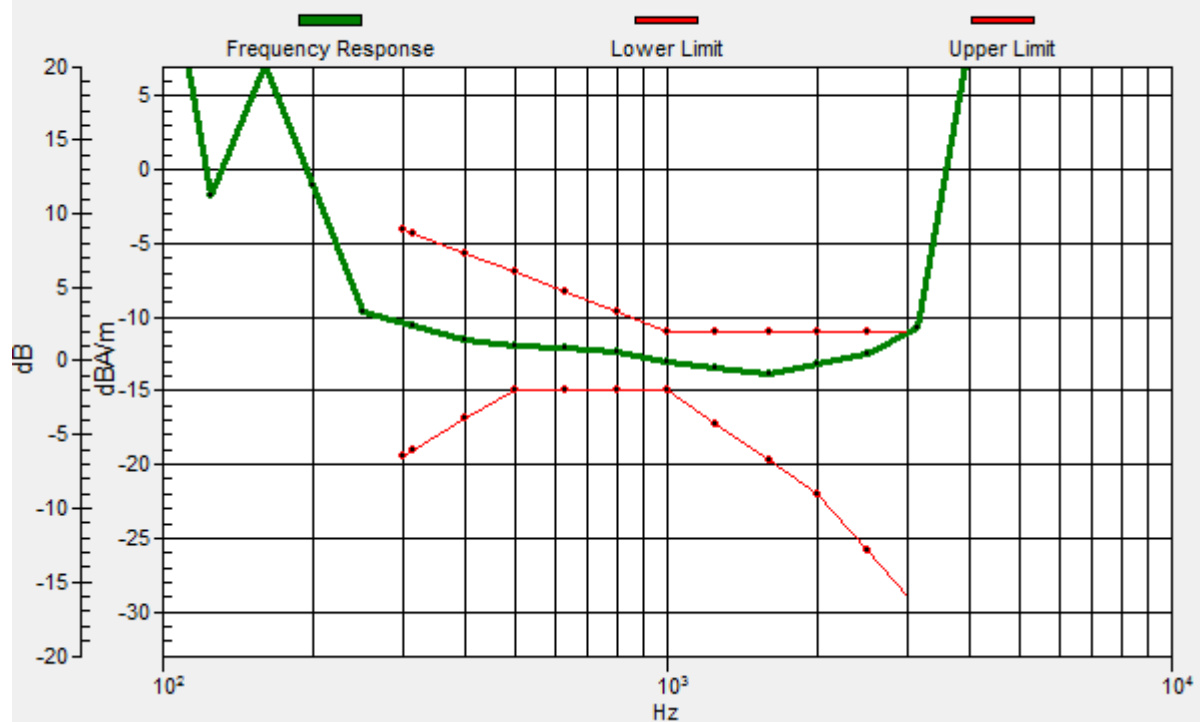
ABM1 comp = -10.50 dBA/m

Location: 8.3, 8.3, 3.7 mm



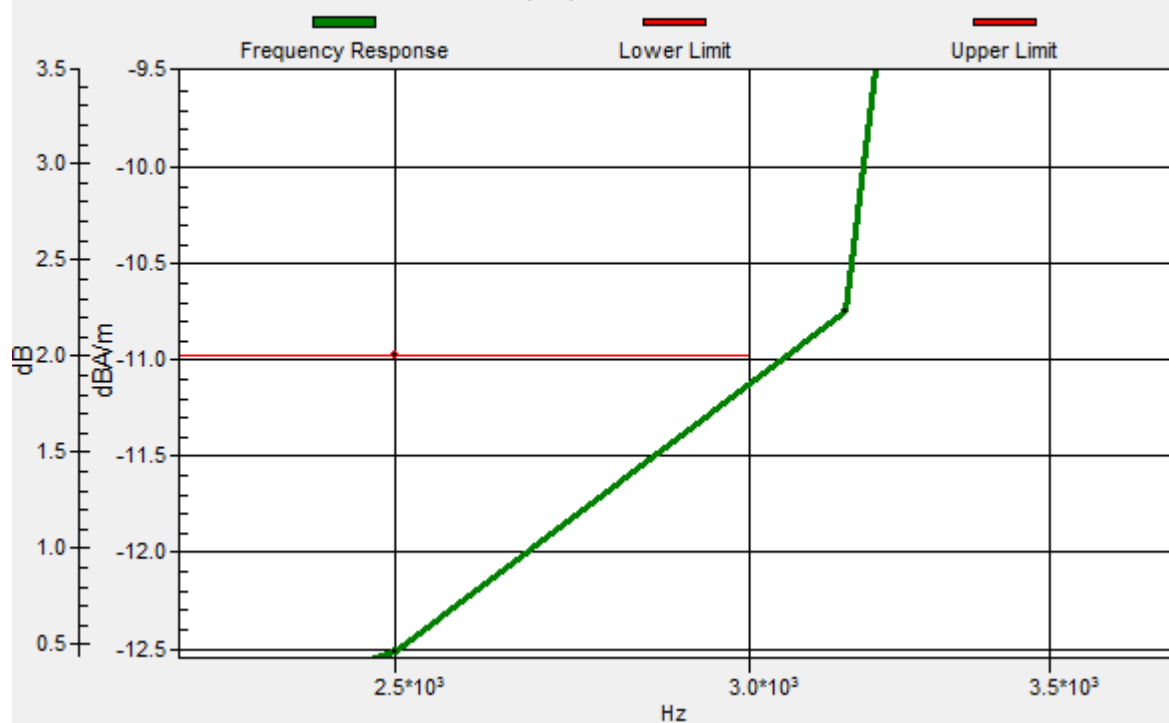
General Scans/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)

Loc: 8.3, 8.3, 3.7 mm Diff: 0.17dB



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

Loc: 8.3, 8.3, 3.7 mm Diff: 0.17dB



#12 HAC_T-Coil_WCDMA II_Voice_Ch9538_Radial 1 (X)**DUT: 341620**

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

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

Ambient Temperature : 22.1 °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 (4); SEMCAD X Version 14.6.8 (7028)

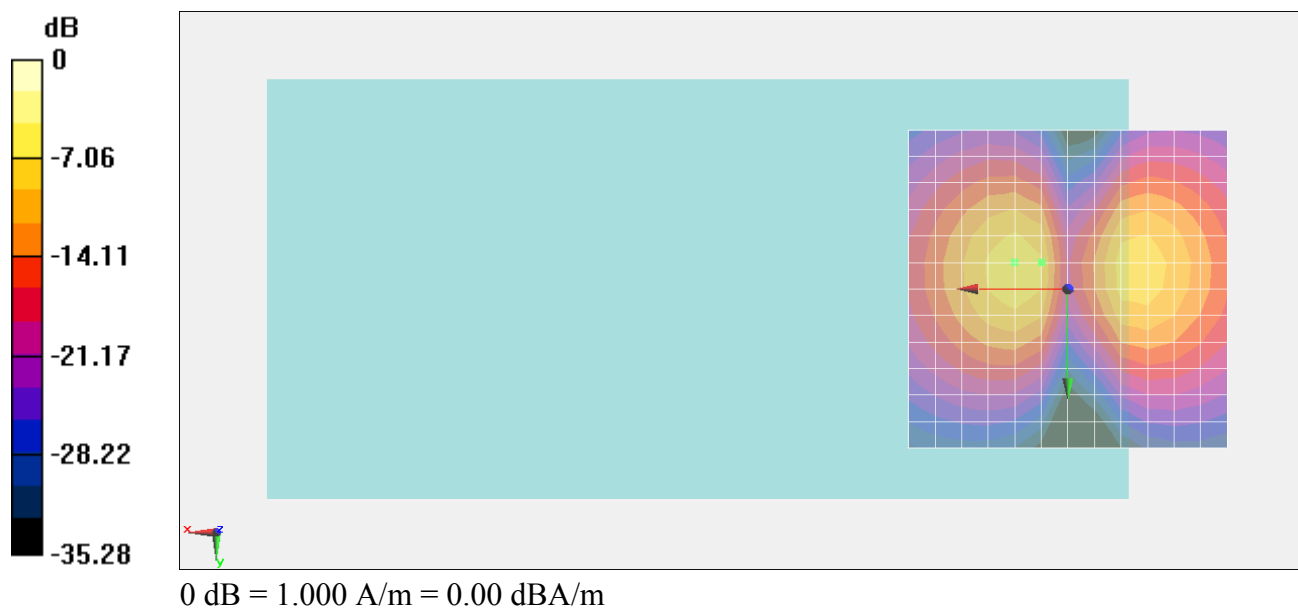
General Scans/x (longitudinal) (2007) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1):

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

ABM1/ABM2 = 34.82 dB

ABM1 = -8.97 dBA/m

Location: 4.2, -4.2, 3.7 mm



#12 HAC_T-Coil_WCDMA II_Voice_Ch9538_Radial 2 (Y)**DUT: 341620**

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

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

Ambient Temperature : 22.1 °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 (4); SEMCAD X Version 14.6.8 (7028)

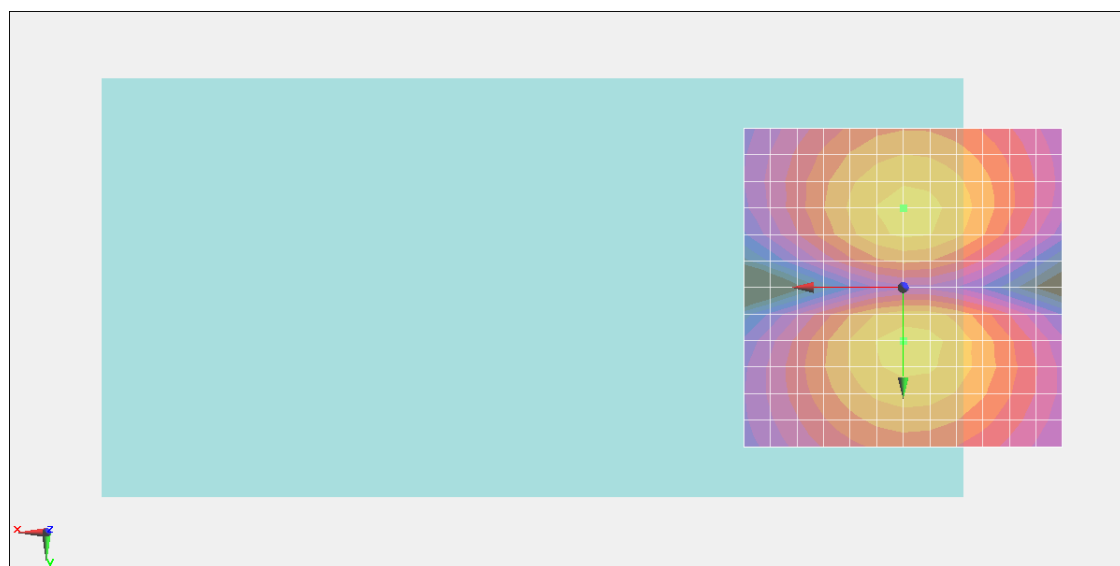
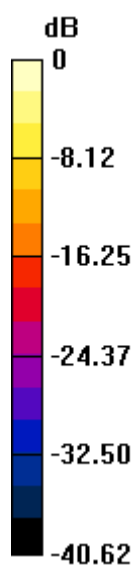
General Scans/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement

grid: dx=10mm, dy=10mm

ABM1/ABM2 = 35.34 dB

ABM1 comp = -9.58 dBA/m

Location: 0, -12.5, 3.7 mm



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