Appendix A.   Plots of T-Coil Measurement

The plots are shown as follows.

SPORTON INTERNATIONAL INC.
TEL : 886-3-327-3456
FAX : 886-3-328-4978
FCC ID : Q78-Z998

Page Number   : A1 of A1
Report Issued Date : Apr. 11, 2013
Report Version   : Rev. 01

#01 HAC_T-Coil_GSM850_Voice*urggej 'èqf gelj cpf ugv'hqy +_Ch128_Axial (Z)

DUT: 321901

Communication System: GSM850; Frequency: 824.2 MHz;Duty Cycle: 1:8.3
Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Ambient Temperature：22.5 ℃

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)
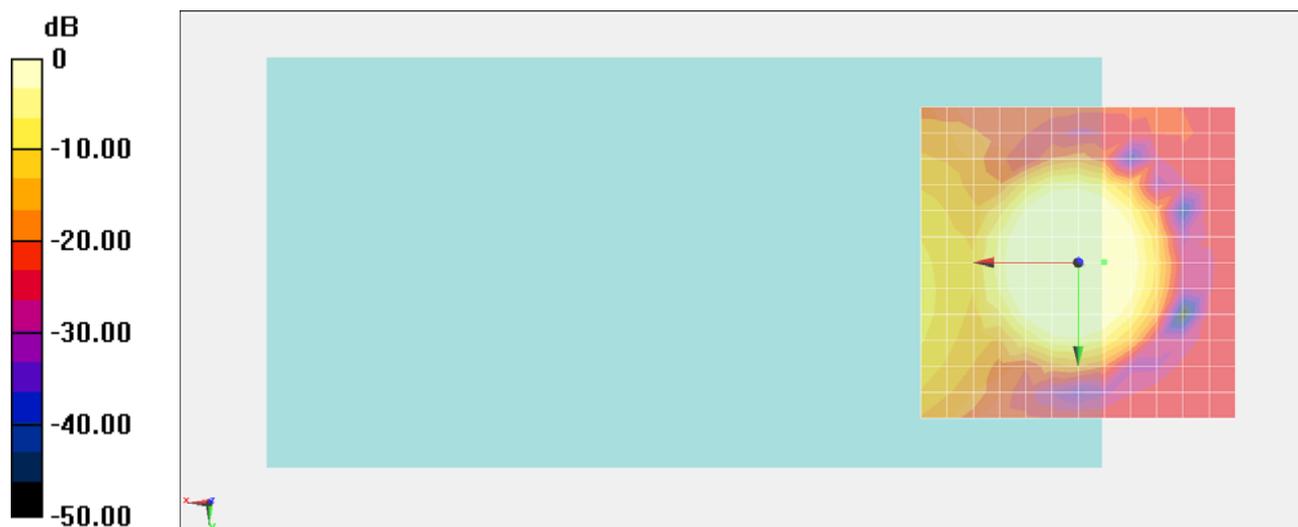

General Scans/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement grid:
dx=10mm, dy=10mm
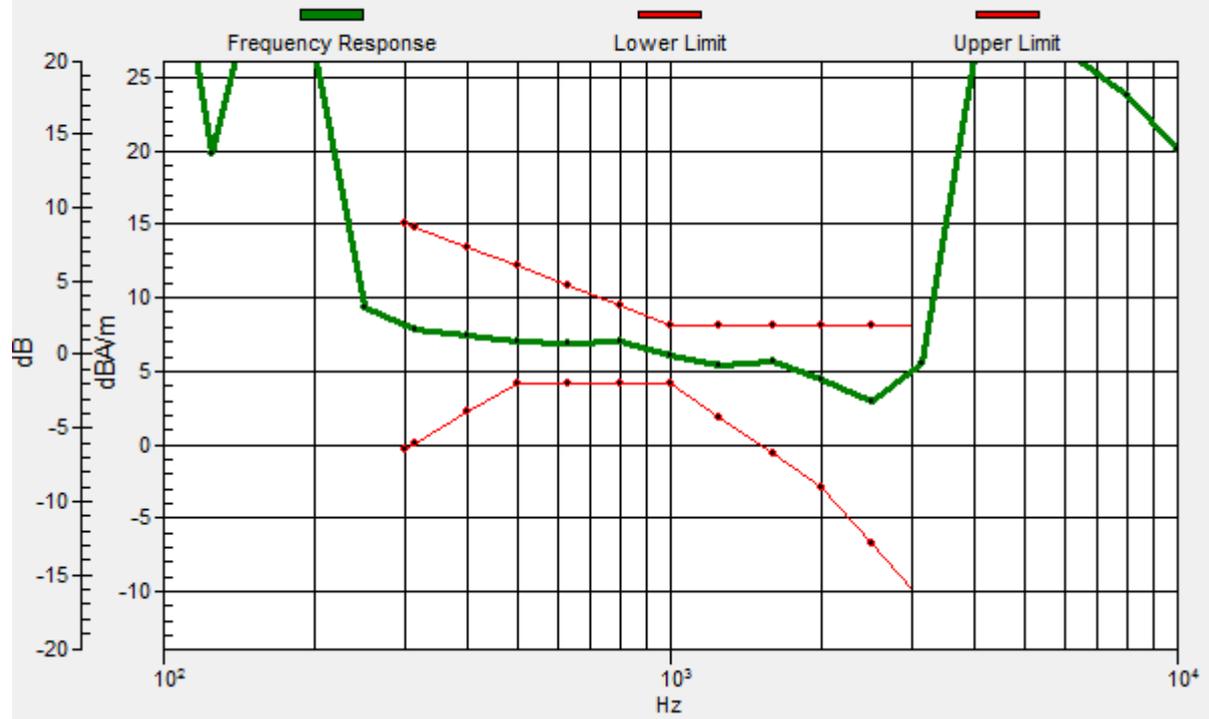ABM1/ABM2 = 30.84 dB
ABM1 comp = 7.30 dBA/m
Location: -4.2, 0, 3.7 mm

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: -4.2, 0, 3.7 mm Diff: 2dB

Frequency Response   Lower Limit   Upper Limit

#01 HAC_T-Coil_GSM850_Voice*urggej 'eqf gelj cpf ugvhqy +_Ch128_Radial 2 (Y)

DUT: 321901

Communication System: GSM850; Frequency: 824.2 MHz;Duty Cycle: 1:8.3
Medium: Air Medium parameters used: σ = 0 S/m, $ε_r$ = 1; ρ = 0 kg/m^3
Ambient Temperature：22.5 ℃

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;
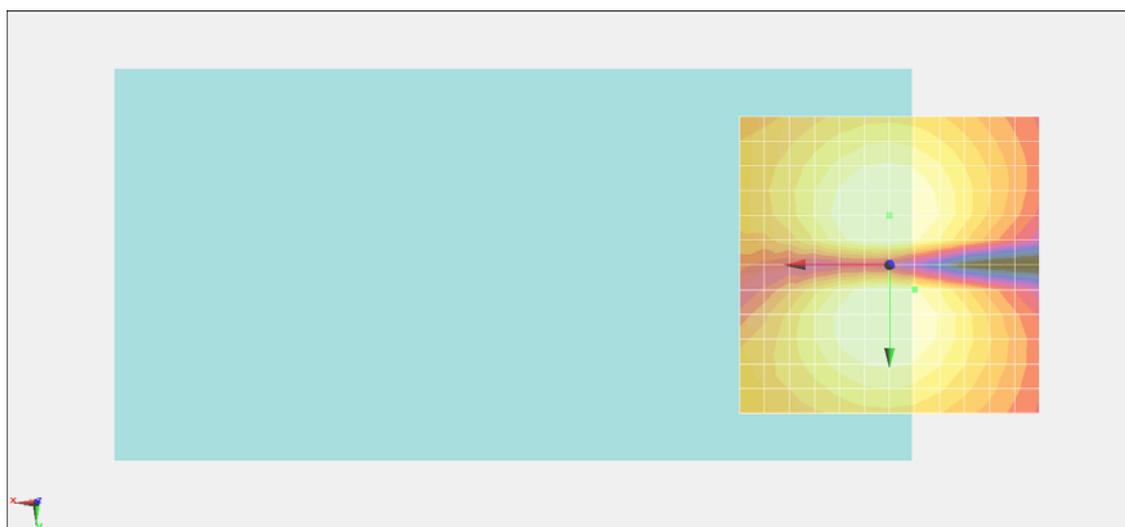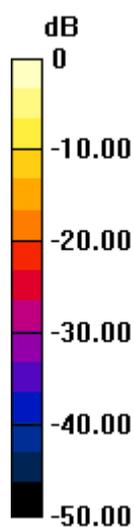- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

General Scans/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement
grid: dx=10mm, dy=10mm
ABM1/ABM2 = 31.64 dB
ABM1 comp = -2.54 dBA/m
Location: -4.2, 4.2, 3.7 mm

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

#02 HAC_T-Coil_GSM850_Voice*ur ggej 'èqf ge`lj cpf ugv`hqy +_Ch189_Axial (Z)

DUT: 321901

Communication System: GSM850; Frequency: 836.4 MHz;Duty Cycle: 1:8.3
Medium: Air Medium parameters used: σ = 0 S/m, ε_r = 1; ρ = 0 kg/m^3
Ambient Temperature：22.5 ℃

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)
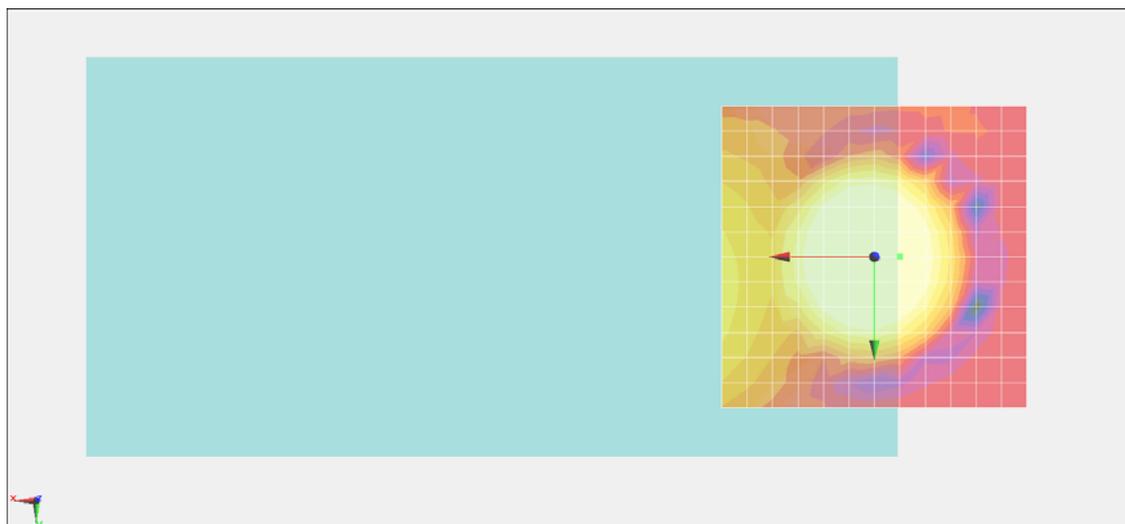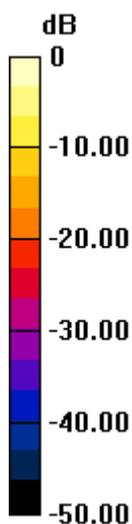
General Scans/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement grid:
dx=10mm, dy=10mm
ABM1/ABM2 = 31.03 dB
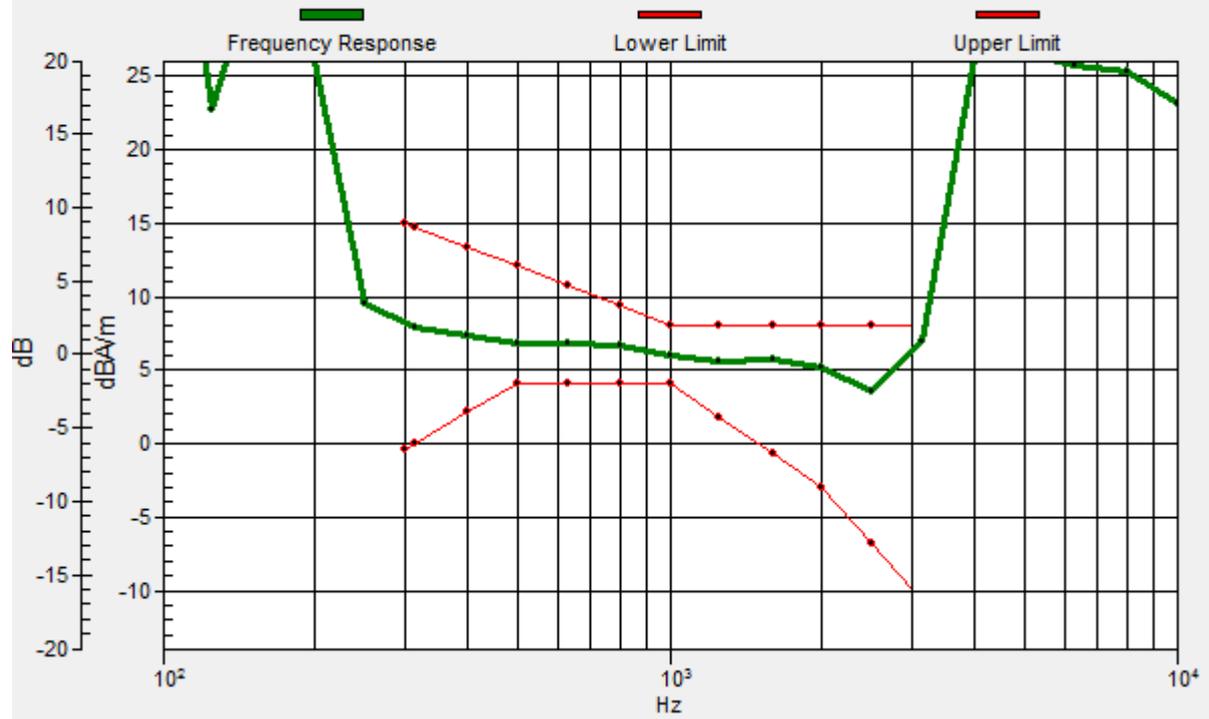ABM1 comp = 7.23 dBA/m
Location: -4.2, 0, 3.7 mm

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: -4.2, 0, 3.7 mm Diff: 1.94dB

Frequency Response   Lower Limit   Upper Limit

#02 HAC_T-Coil_GSM850_Voice*urggej 'eqf ge1j cpf ugv'hqy +_Ch189_Radial 2 (Y)

DUT: 321901

Communication System: GSM850; Frequency: 836.4 MHz;Duty Cycle: 1:8.3
Medium: Air Medium parameters used: σ = 0 S/m, $ε_r$ = 1; ρ = 0 kg/m^3
Ambient Temperature：22.5 ℃

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;
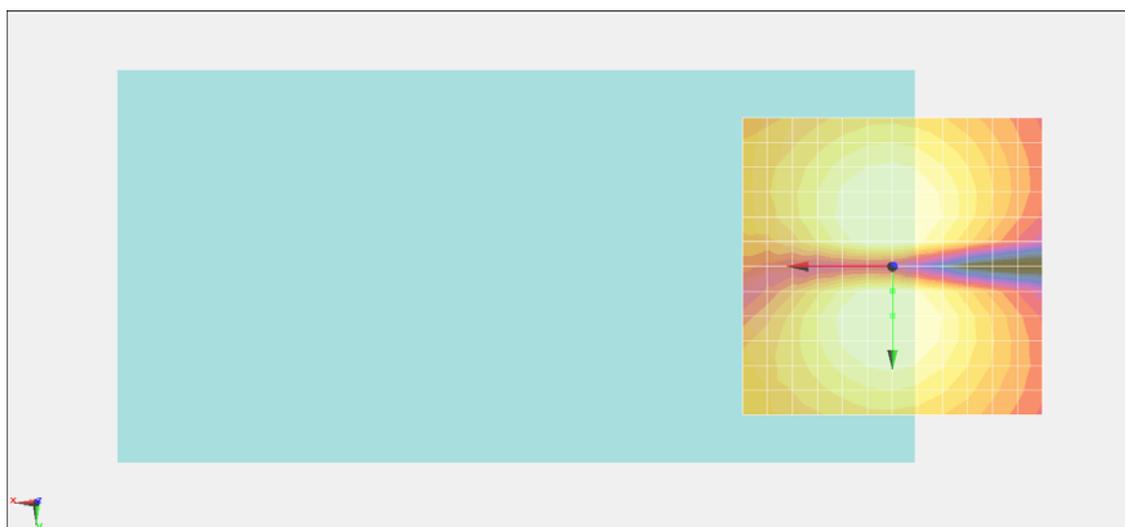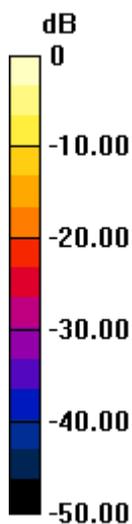- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

General Scans/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement
grid: dx=10mm, dy=10mm
ABM1/ABM2 = 30.75 dB
ABM1 comp = -0.67 dBA/m
Location: 0, 4.2, 3.7 mm

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

#03 HAC_T-Coil_GSM850_Voice*urggej'eqfgektcpfugvhqy+_Ch251_Axial (Z)

DUT: 321901

Communication System: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:8.3
Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Ambient Temperature：22.5 ℃

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;
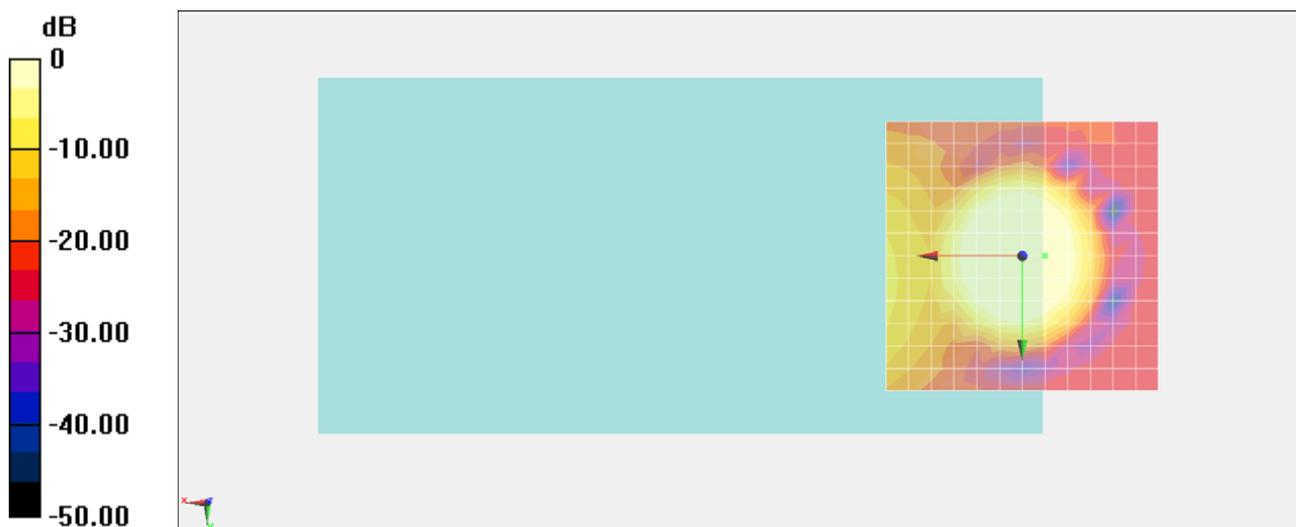- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

General Scans/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement grid:
dx=10mm, dy=10mm
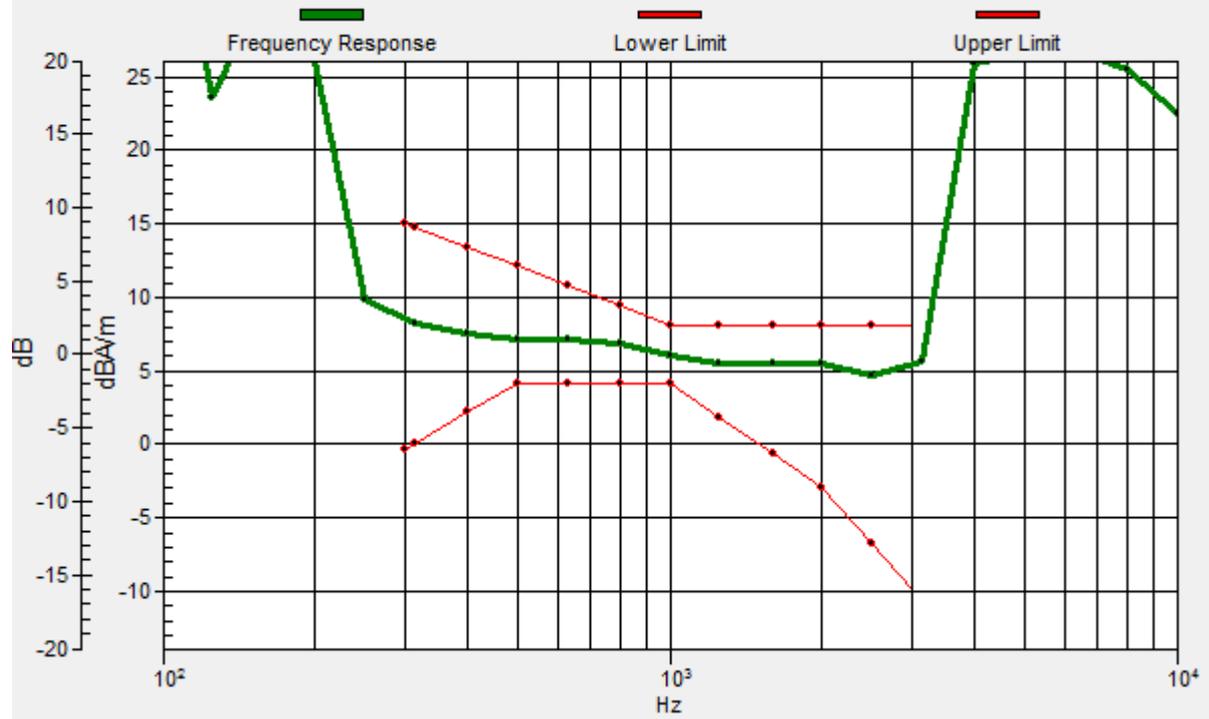ABM1/ABM2 = 31.42 dB
ABM1 comp = 7.40 dBA/m
Location: -4.2, 0, 3.7 mm

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: -4.2, 0, 3.7 mm Diff: 2dB

#03 HAC_T-Coil_GSM850_Voice*urggej 'eqf ge1j cpf ugv1qy +_Ch251_Radial 2 (Y)

DUT: 321901

Communication System: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:8.3
Medium: Air Medium parameters used: σ = 0 S/m, ε_r = 1; ρ = 0 kg/m^3
Ambient Temperature：22.5 ℃

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 = 30.60 dB
ABM1 comp = -2.55 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*ʊʳ ggej 'ɛqf ge1j cpf ugvʻɦ y +_Ch512_Axial (Z)

DUT: 321901

Communication System: PCS; Frequency: 1850.2 MHz;Duty Cycle: 1:8.3
Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Ambient Temperature：22.6 ℃

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;
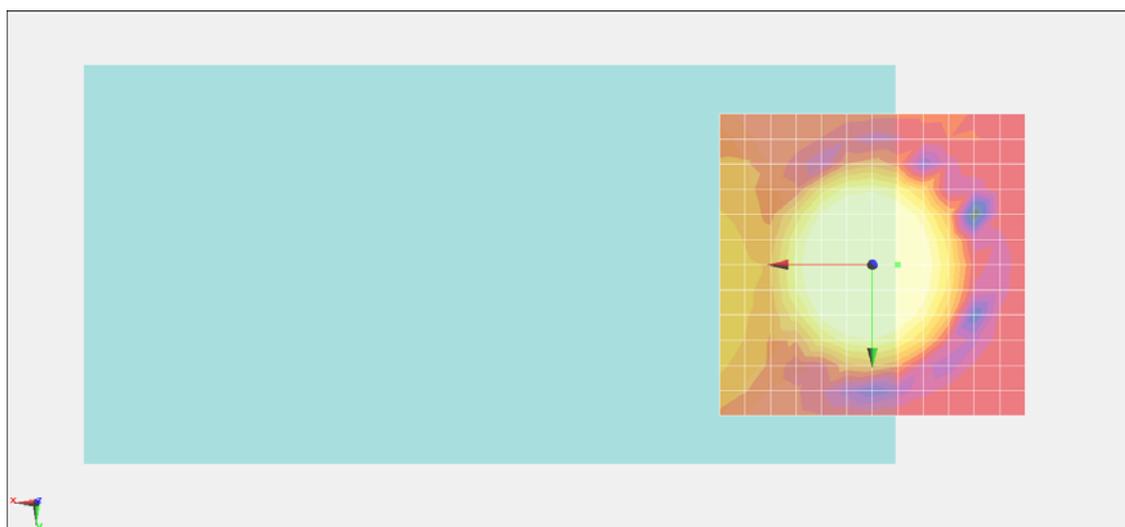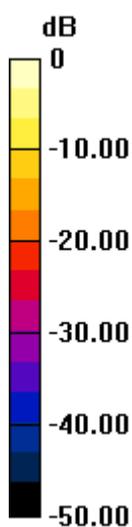- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

General Scans/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement grid:
dx=10mm, dy=10mm
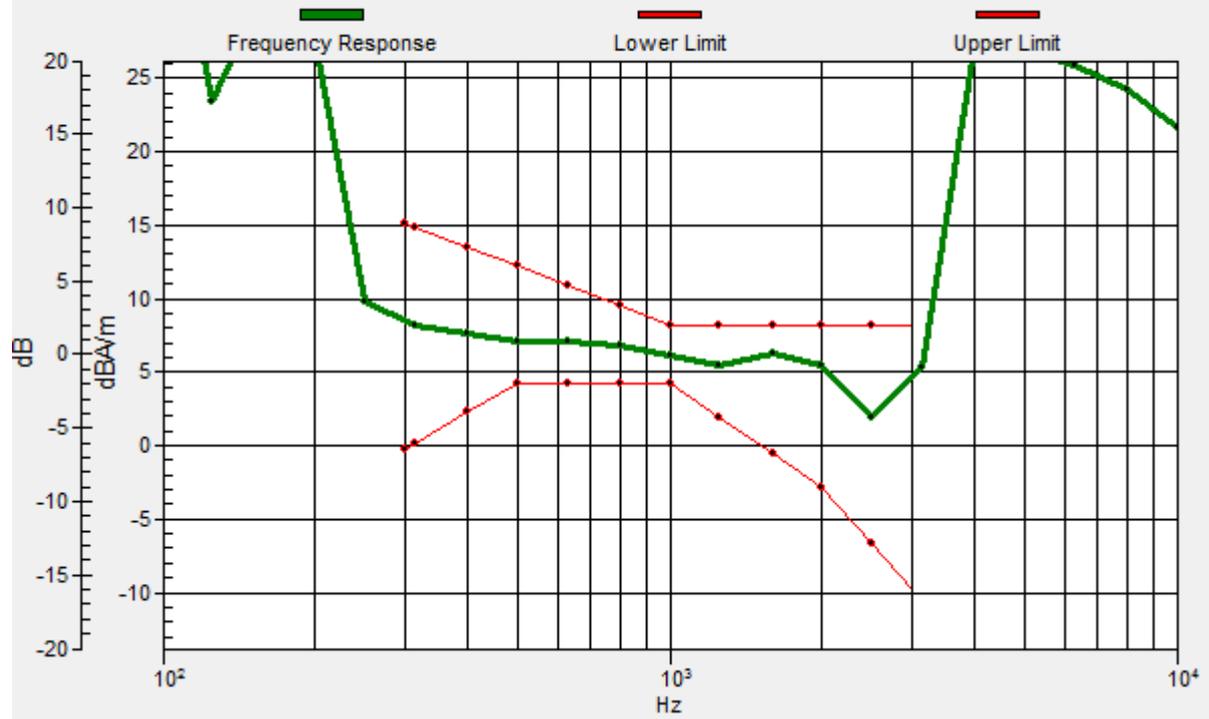ABM1/ABM2 = 33.06 dB
ABM1 comp = 7.61 dBA/m
Location: -4.2, 0, 3.7 mm

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: -4.2, 0, 3.7 mm Diff: 1.92dB

Frequency Response   Lower Limit   Upper Limit

#04 HAC_T-Coil_GSM1900_Voice(speech codec/handset low)_Ch512_Radial 2 (Y)

DUT: 321901

Communication System: PCS; Frequency: 1850.2 MHz;Duty Cycle: 1:8.3
Medium: Air Medium parameters used: σ = 0 S/m, ε_r = 1; ρ = 0 kg/m^3
Ambient Temperature：22.6 ℃

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;
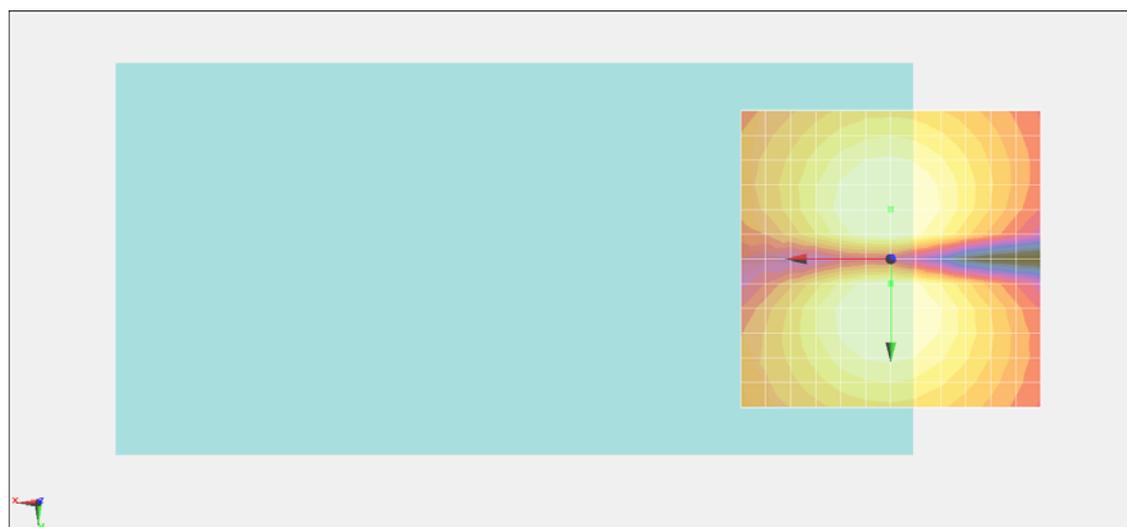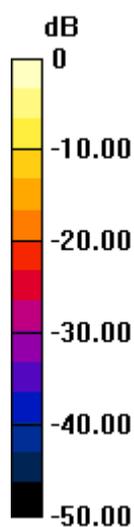- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

General Scans/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement
grid: dx=10mm, dy=10mm
ABM1/ABM2 = 33.29 dB
ABM1 comp = -0.54 dBA/m
Location: 0, 4.2, 3.7 mm

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

#05 HAC_T-Coil_GSM1900_Voice(speech codec/handset low)_Ch661_Axial (Z)

DUT: 321901

Communication System: PCS; Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Ambient Temperature：22.6 ℃

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)
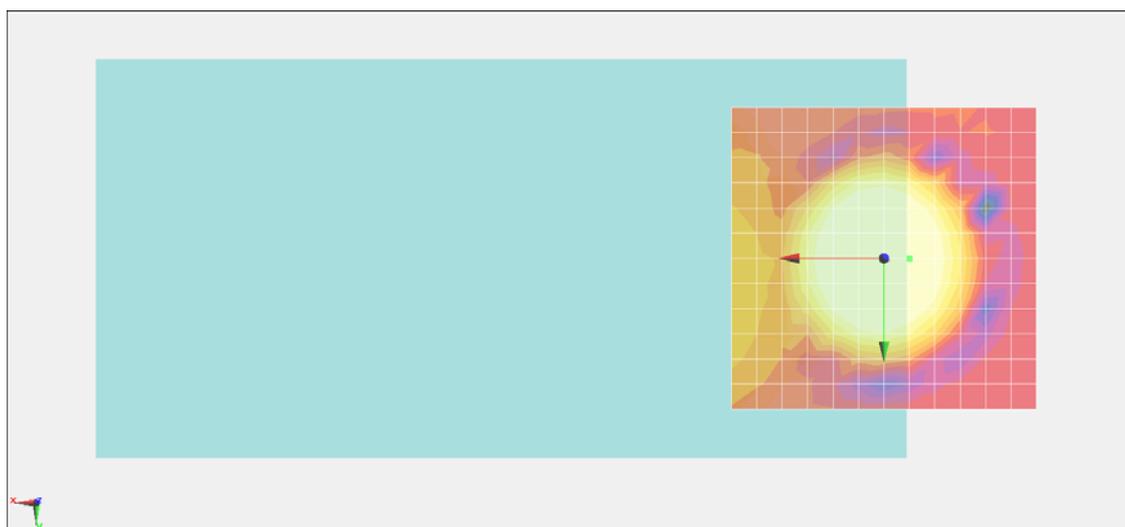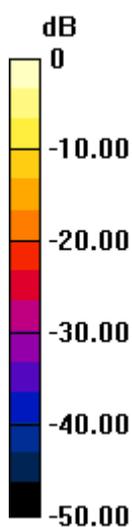
General Scans/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement grid:
dx=10mm, dy=10mm
ABM1/ABM2 = 32.30 dB
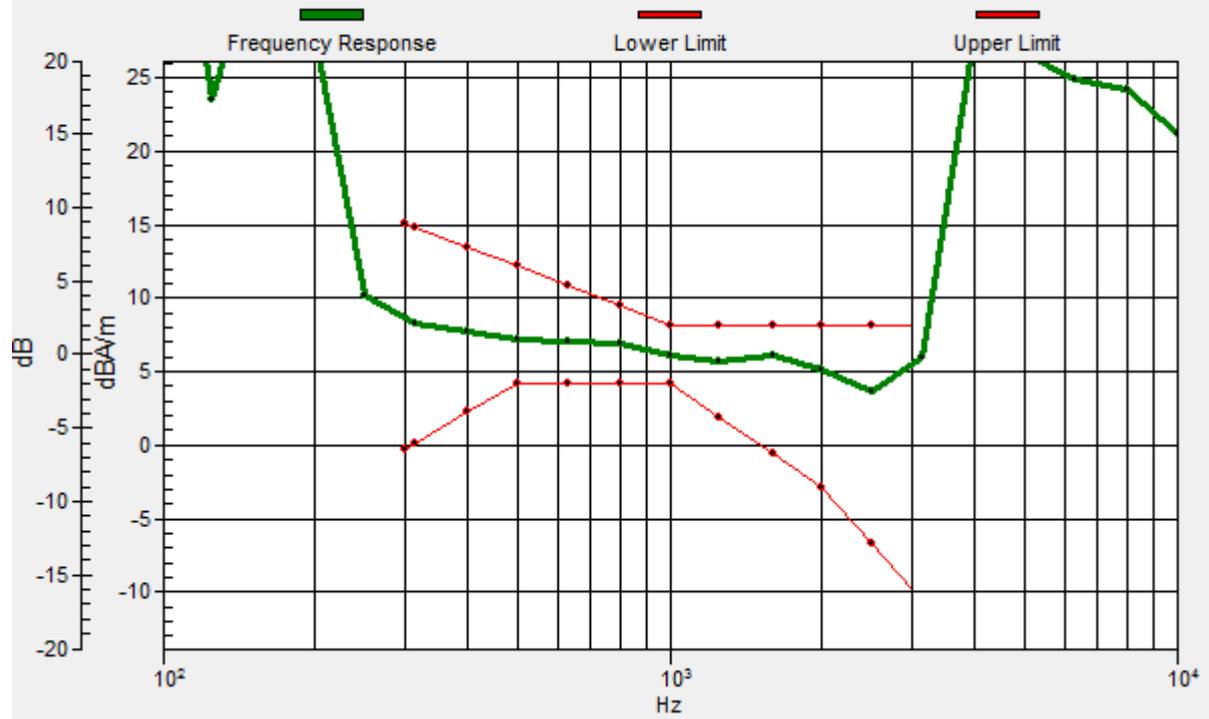ABM1 comp = 7.50 dBA/m
Location: -4.2, 0, 3.7 mm

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: -4.2, 0, 3.7 mm Diff: 2dB

#05 HAC_T-Coil_GSM1900_Voice(speech codec/handset low)_Ch661_Radial 2 (Y)

DUT: 321901

Communication System: PCS; Frequency: 1880 MHz;Duty Cycle: 1:8.3

Medium: Air Medium parameters used: σ = 0 S/m, ε_r = 1; ρ = 0 kg/m^3

Ambient Temperature：22.6 ℃

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 = 33.16 dB
ABM1 comp = -0.82 dBA/m
Location: 0, 4.2, 3.7 mm

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

#06 HAC_T-Coil_GSM1900_Voice(speech codec/handset low)_Ch810_Axial (Z)

DUT: 321901

Communication System: PCS; Frequency: 1909.8 MHz;Duty Cycle: 1:8.3
Medium: Air Medium parameters used: σ = 0 S/m, ε_r = 1; ρ = 0 kg/m^3
Ambient Temperature：22.6 ℃

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;
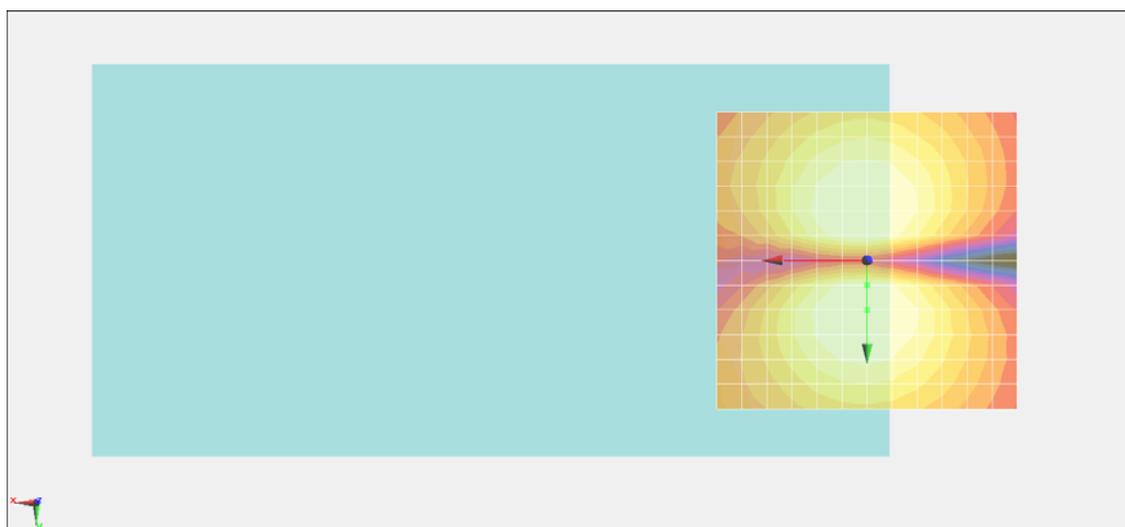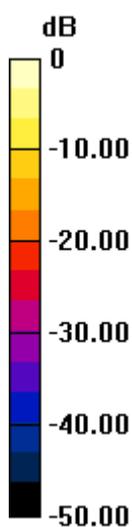- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

General Scans/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement grid:
dx=10mm, dy=10mm
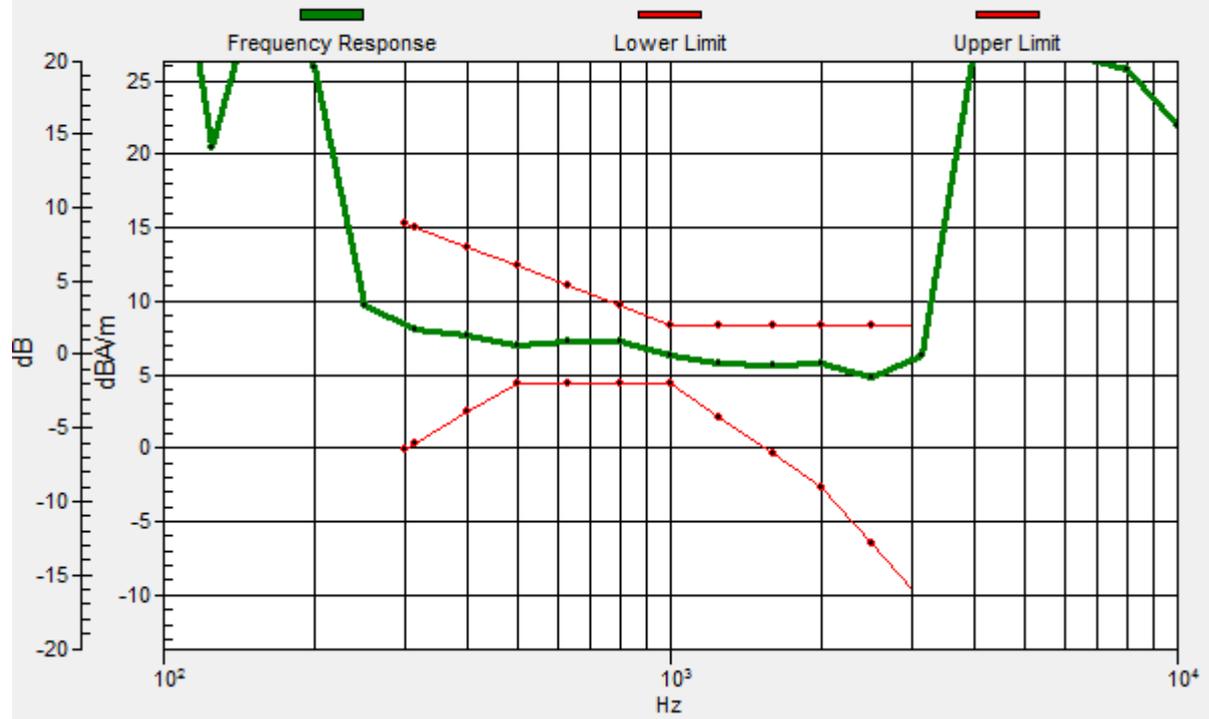ABM1/ABM2 = 32.52 dB
ABM1 comp = 7.65 dBA/m
Location: -4.2, 0, 3.7 mm

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: -4.2, 0, 3.7 mm Diff: 2dB

Frequency Response   Lower Limit   Upper Limit

#06 HAC_T-Coil_GSM1900_Voice(speech codec/handset low)_Ch810_Radial 2 (Y)

DUT: 321901

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

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

Ambient Temperature：22.6 ℃

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;
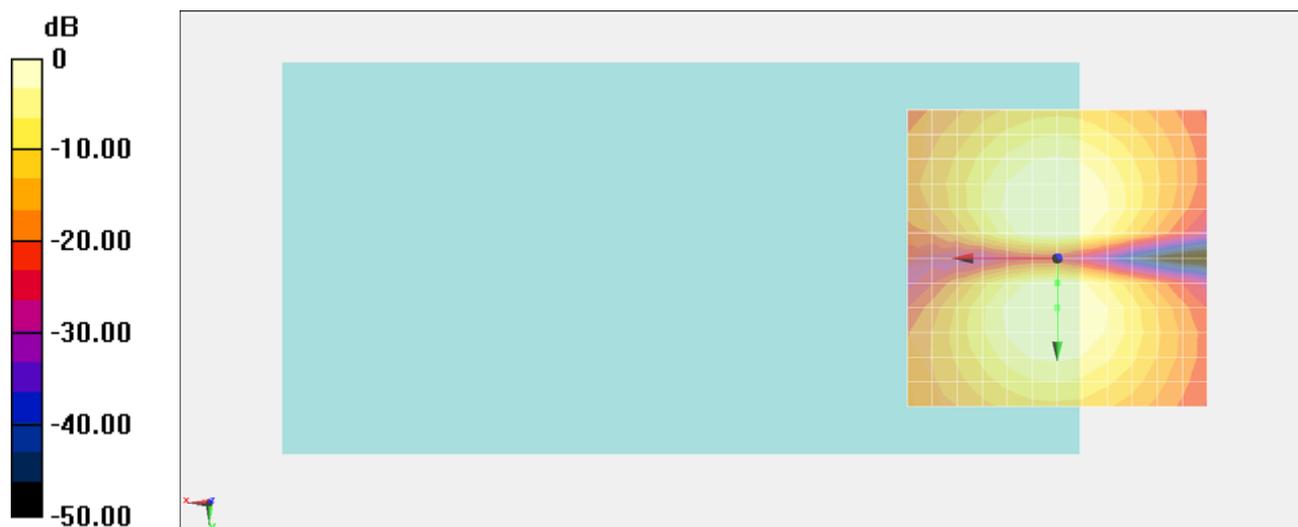- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

General Scans/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement grid: dx=10mm, dy=10mm

ABM1/ABM2 = 33.94 dB

ABM1 comp = -0.70 dBA/m

Location: 0, 4.2, 3.7 mm

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

#07 HAC_T-Coil_WCDMA V_Voice(speech codec low)_Ch4132_Axial (Z)

DUT: 321901

Communication System: WCDMA; Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Ambient Temperature：22.4 ℃

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;
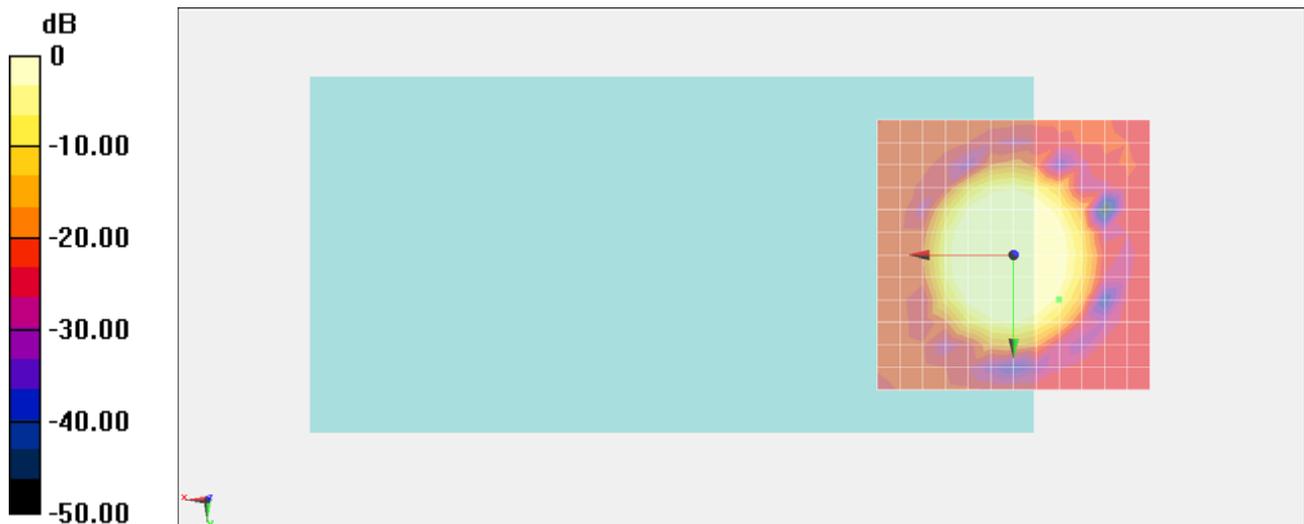- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

General Scans/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement grid:
dx=10mm, dy=10mm
ABM1/ABM2 = 35.31 dB
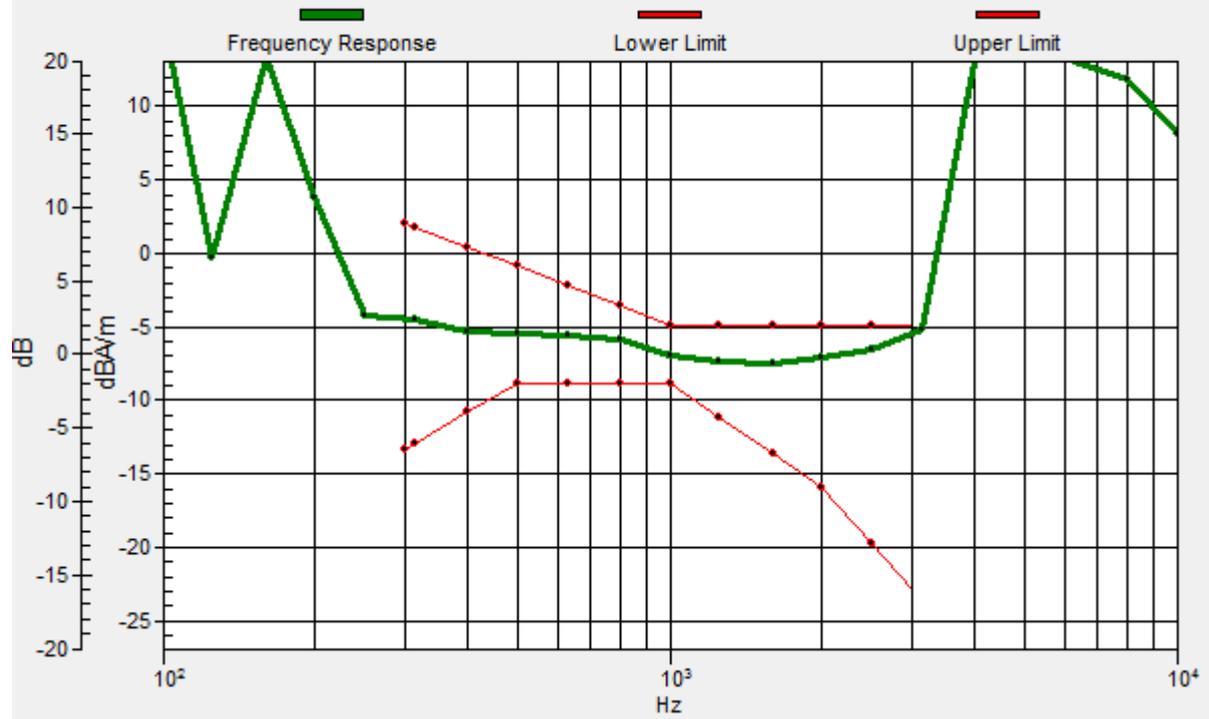ABM1 comp = -4.82 dBA/m
Location: -8.3, 8.3, 3.7 mm

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, 8.3, 3.7 mm Diff: 0.65dB

Frequency Response   Lower Limit   Upper Limit

#07 HAC_T-Coil_WCDMA V_Voice(speech codec low)_Ch4132_Radial 2 (Y)

DUT: 321901

Communication System: WCDMA; Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Ambient Temperature：22.4 ℃

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)
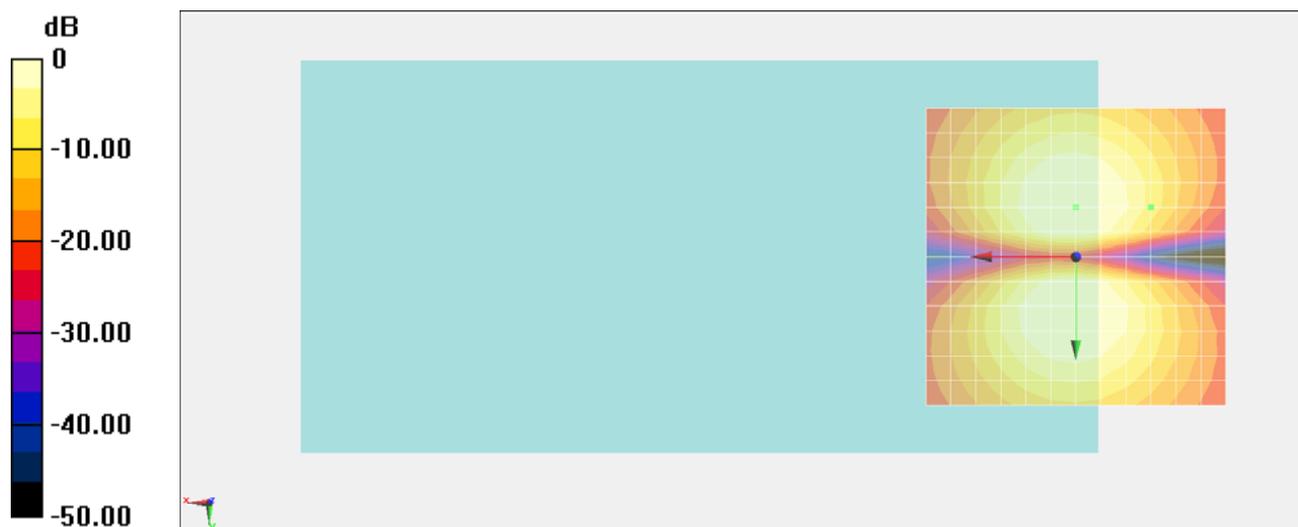
General Scans/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement
grid: dx=10mm, dy=10mm
ABM1/ABM2 = 36.33 dB
ABM1 comp = -7.82 dBA/m
Location: -12.5, -8.3, 3.7 mm

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

#08 HAC_T-Coil_WCDMA V_Voice(speech codec low)_Ch4182_Axial (Z)

DUT: 321901

Communication System: WCDMA; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Ambient Temperature：22.4 ℃

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;
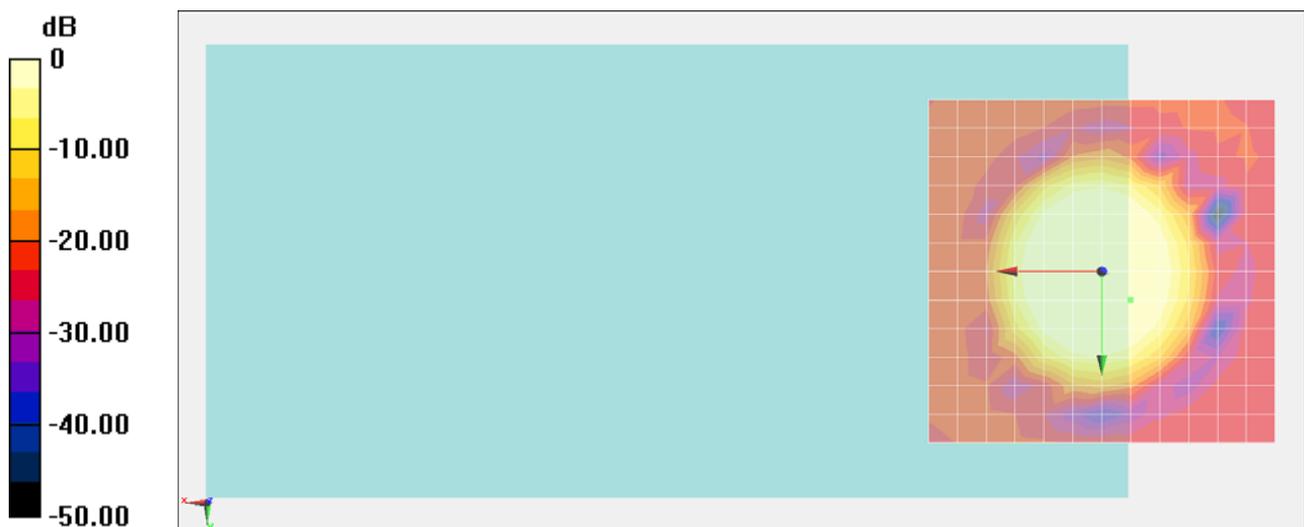- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

General Scans/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement grid:
dx=10mm, dy=10mm
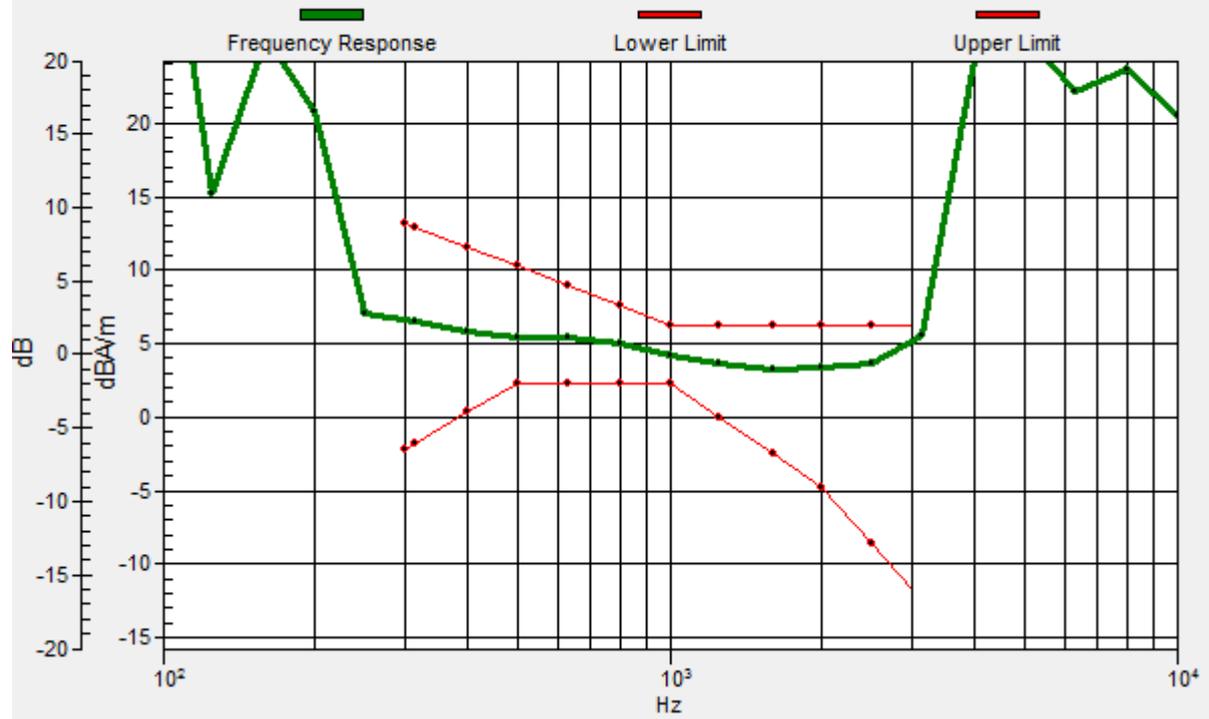ABM1/ABM2 = 35.48 dB
ABM1 comp = 6.42 dBA/m
Location: -4.2, 4.2, 3.7 mm

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: 1.12dB

Frequency Response   Lower Limit   Upper Limit

#08 HAC_T-Coil_WCDMA V_Voice(speech codec low)_Ch4182_Radial 2 (Y)

DUT: 321901

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

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

Ambient Temperature：22.4 ℃

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)
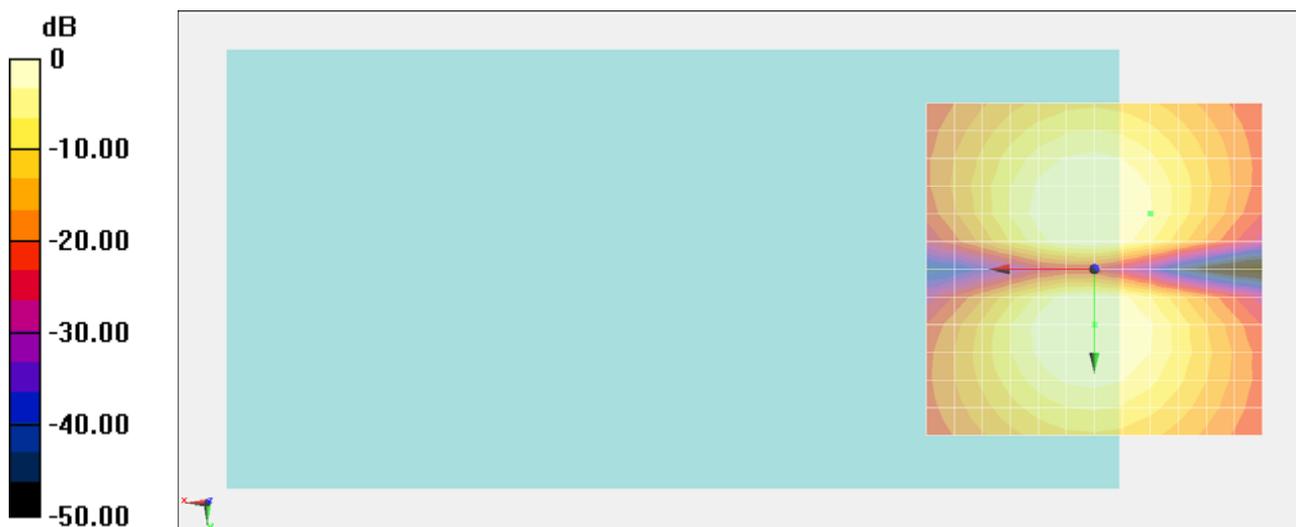

General Scans/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement
grid: dx=10mm, dy=10mm
ABM1/ABM2 = 36.86 dB
ABM1 comp = -2.93 dBA/m
Location: -8.3, -8.3, 3.7 mm

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

#09 HAC_T-Coil_WCDMA V_Voice(speech codec low)_Ch4233_Axial (Z)

DUT: 321901

Communication System: WCDMA; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Ambient Temperature：22.4 ℃

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;
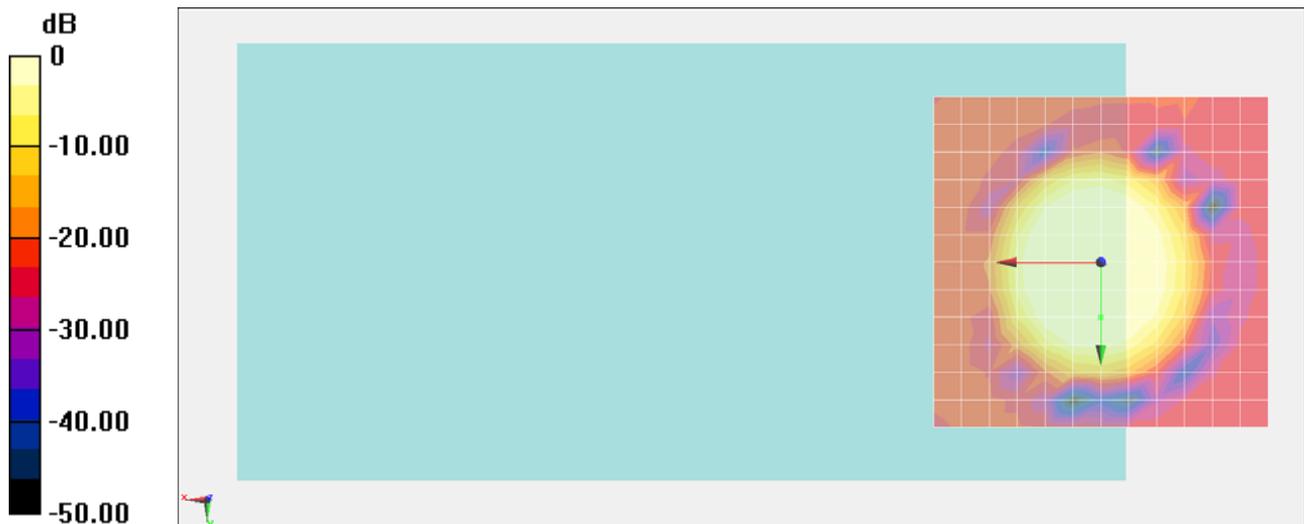- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

General Scans/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement grid:
dx=10mm, dy=10mm
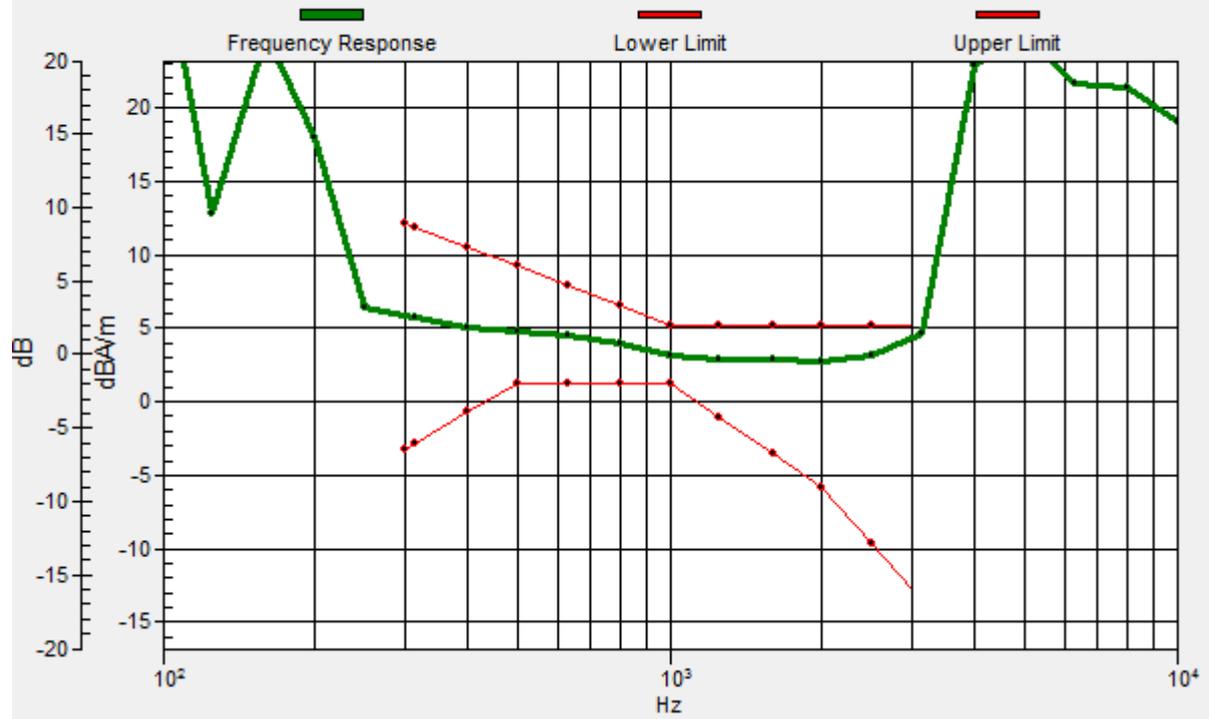ABM1/ABM2 = 35.56 dB
ABM1 comp = 5.68 dBA/m
Location: 0, 8.3, 3.7 mm

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, 8.3, 3.7 mm Diff: 0.86dB

Frequency Response   Lower Limit   Upper Limit

#09 HAC_T-Coil_WCDMA V_Voice(speech codec low)_Ch4233_Radial 2 (Y)

DUT: 321901

Communication System: WCDMA; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Ambient Temperature：22.4 ℃

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)
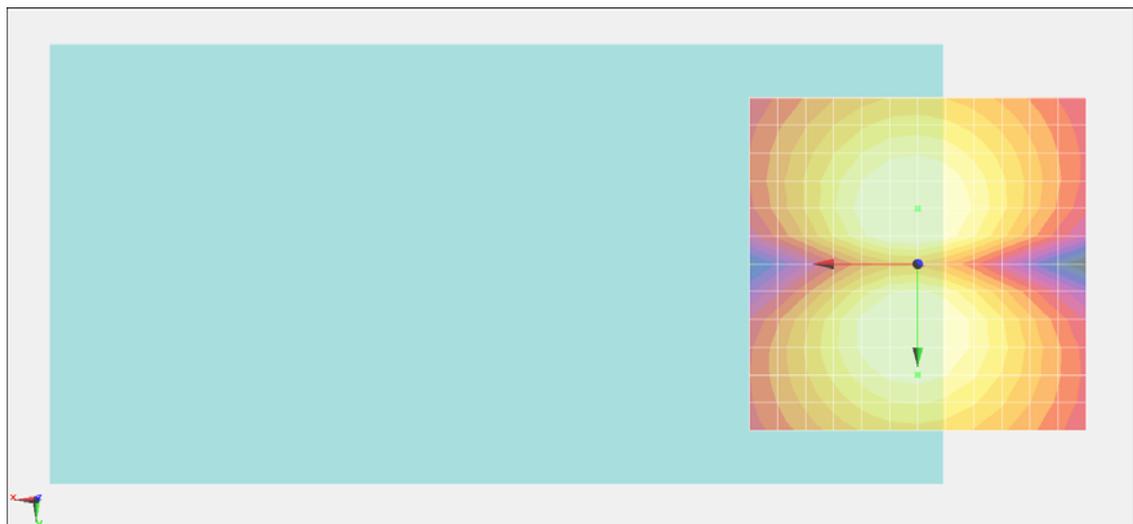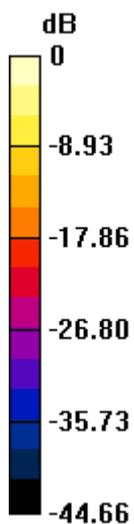

General Scans/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement
grid: dx=10mm, dy=10mm
ABM1/ABM2 = 36.46 dB
ABM1 comp = -1.52 dBA/m
Location: 0, 16.7, 3.7 mm

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

#10 HAC_T-Coil_WCDMA II_Voice(speech codec low)_Ch9262_Axial (Z)

DUT: 321901

Communication System: WCDMA; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Ambient Temperature：22.4 ℃

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)
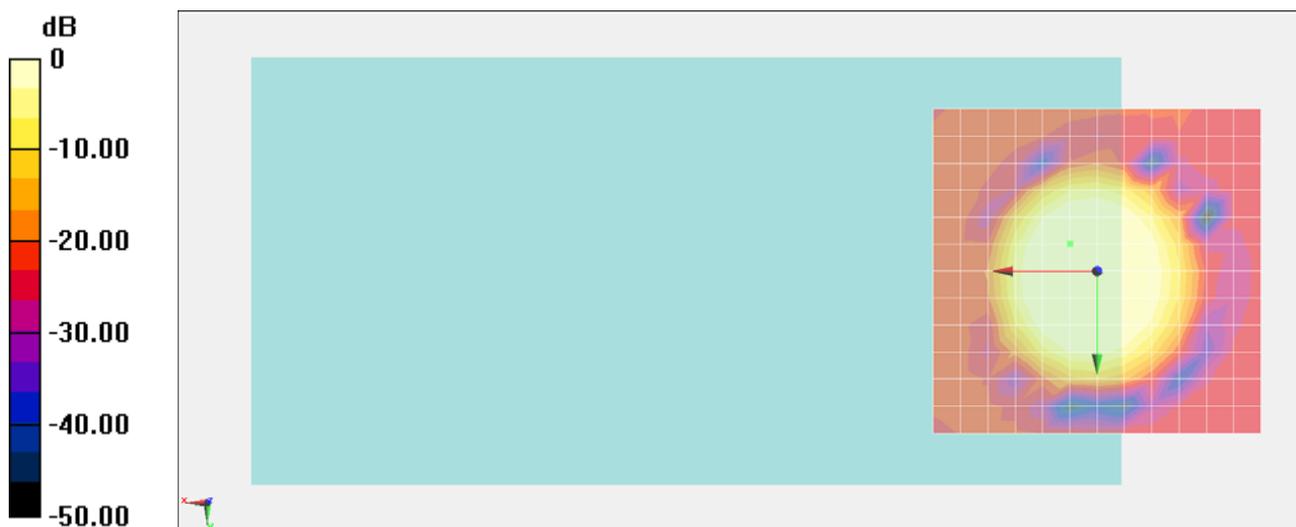
General Scans/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement grid:
dx=10mm, dy=10mm
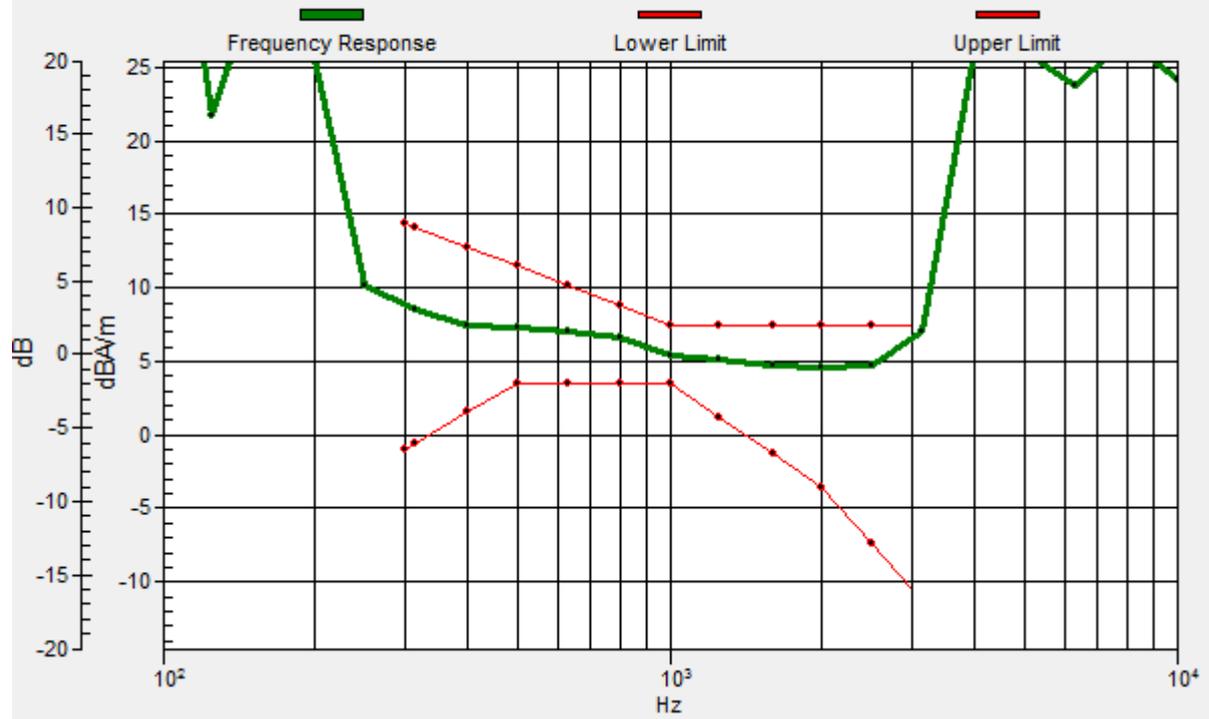ABM1/ABM2 = 36.16 dB
ABM1 comp = 7.69 dBA/m
Location: 4.2, -4.2, 3.7 mm

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: 0.95dB

Frequency Response   Lower Limit   Upper Limit

#10 HAC_T-Coil_WCDMA II_Voice(speech codec low)_Ch9262_Radial 2 (Y)

DUT: 321901

Communication System: WCDMA; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Ambient Temperature：22.4 ℃

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 = 36.91 dB
ABM1 comp = -7.15 dBA/m
Location: -8.3, -16.7, 3.7 mm

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

#10 HAC_T-Coil_WCDMA II_Voice(speech codec low)_Ch9262_Radial 2 (Y)

#11 HAC_T-Coil_WCDMA II_Voice(speech codec low)_Ch9400_Axial (Z)

DUT: 321901

Communication System: WCDMA; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Ambient Temperature：22.4 ℃

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;
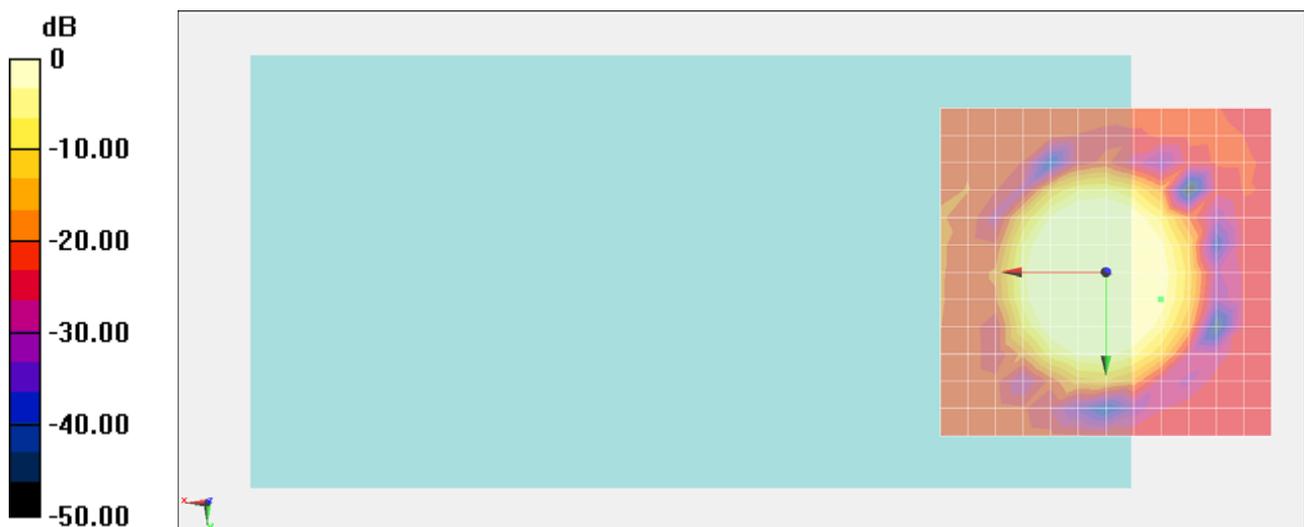- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

General Scans/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement grid:
dx=10mm, dy=10mm
ABM1/ABM2 = 35.81 dB
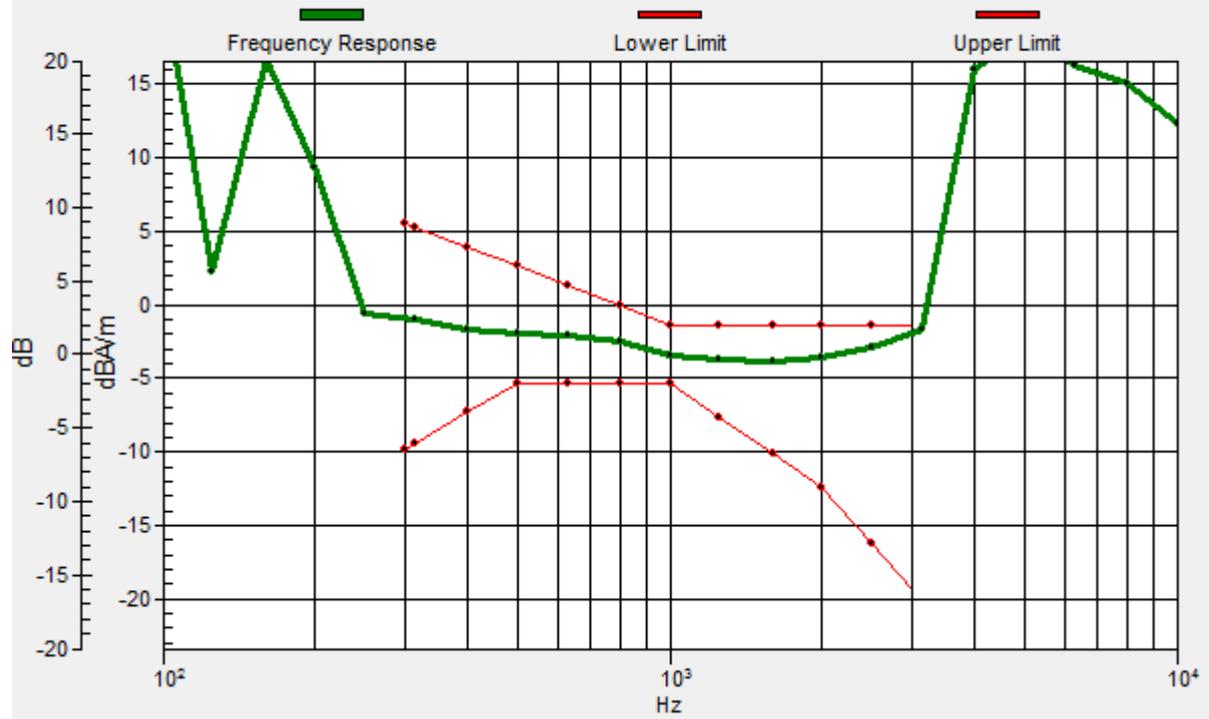ABM1 comp = -1.26 dBA/m
Location: -8.3, 4.2, 3.7 mm

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: 0.63dB

Frequency Response   Lower Limit   Upper Limit

#11 HAC_T-Coil_WCDMA II_Voice(speech codec low)_Ch9400_Radial 2 (Y)

DUT: 321901

Communication System: WCDMA; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Ambient Temperature：22.4 ℃

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)
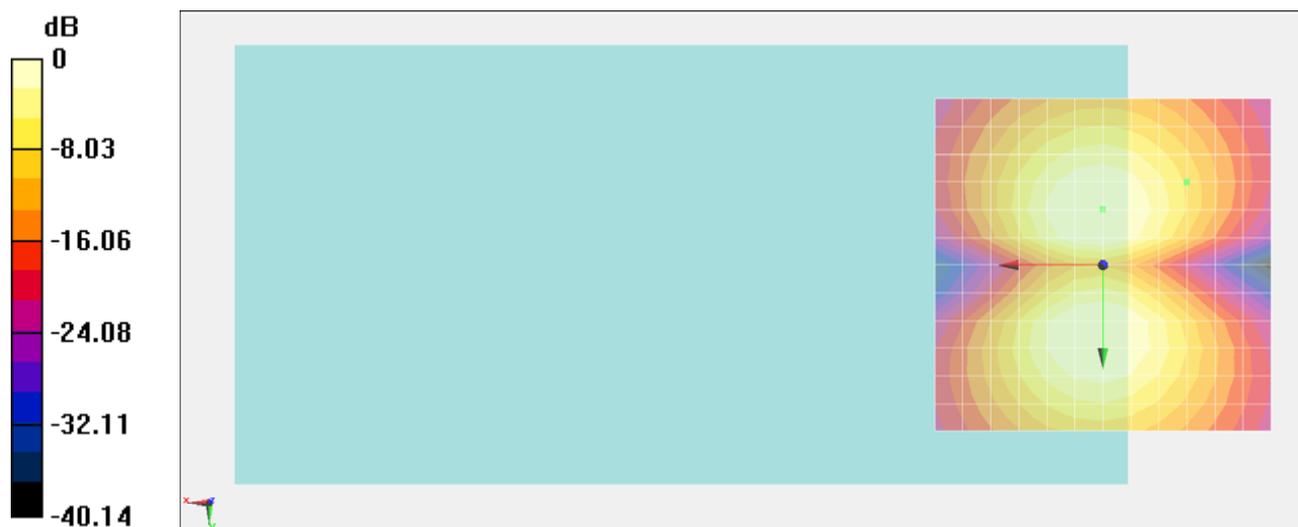
General Scans/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement
grid: dx=10mm, dy=10mm
ABM1/ABM2 = 35.83 dB
ABM1 comp = -8.52 dBA/m
Location: -12.5, -12.5, 3.7 mm

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

#12 HAC_T-Coil_WCDMA II_Voice(speech codec low)_Ch9538_Axial (Z)

DUT: 321901

Communication System: WCDMA; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Ambient Temperature：22.4 ℃

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)
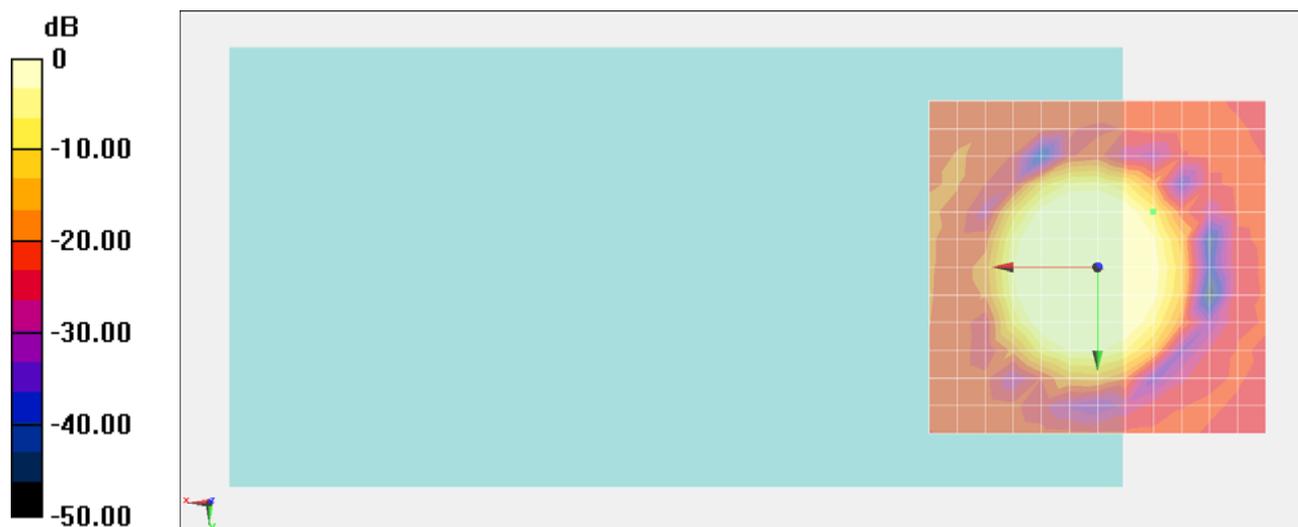
General Scans/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement grid:
dx=10mm, dy=10mm
ABM1/ABM2 = 36.13 dB
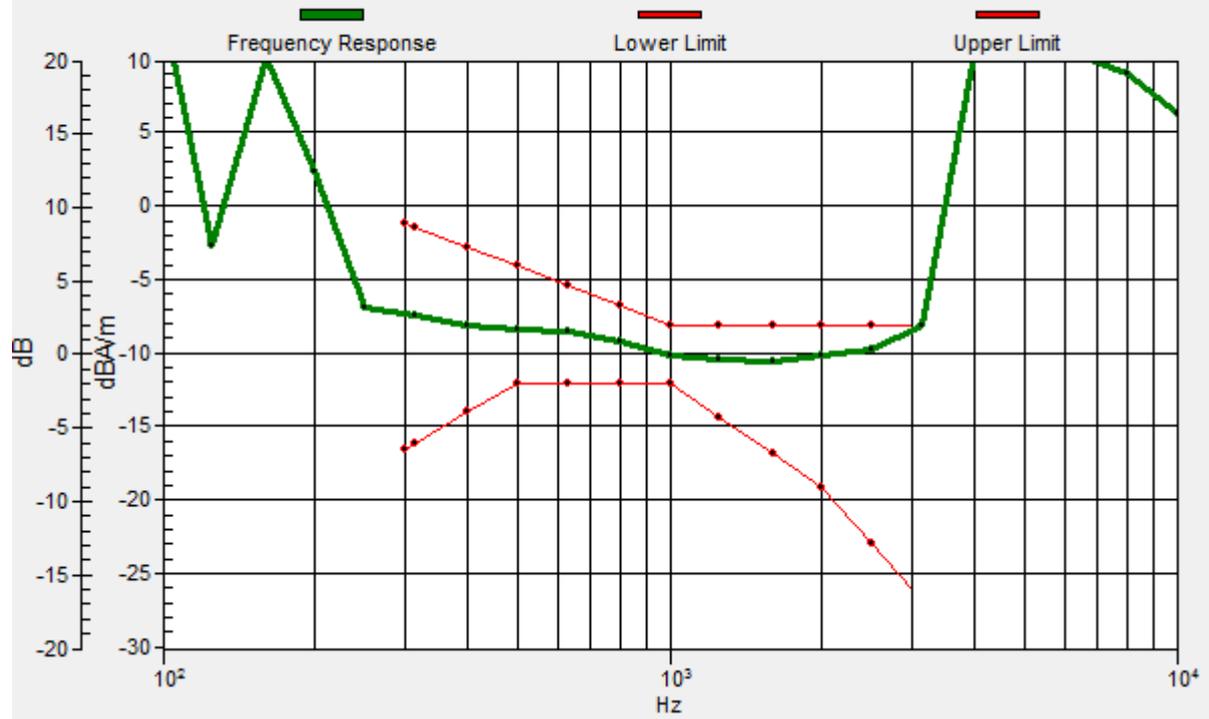ABM1 comp = -7.85 dBA/m
Location: -8.3, -8.3, 3.7 mm

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, -8.3, 3.7 mm Diff: 0.4dB

#12 HAC_T-Coil_WCDMA II_Voice(speech codec low)_Ch9538_Radial 2 (Y)

DUT: 321901

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

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

Ambient Temperature：22.4 ℃

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)
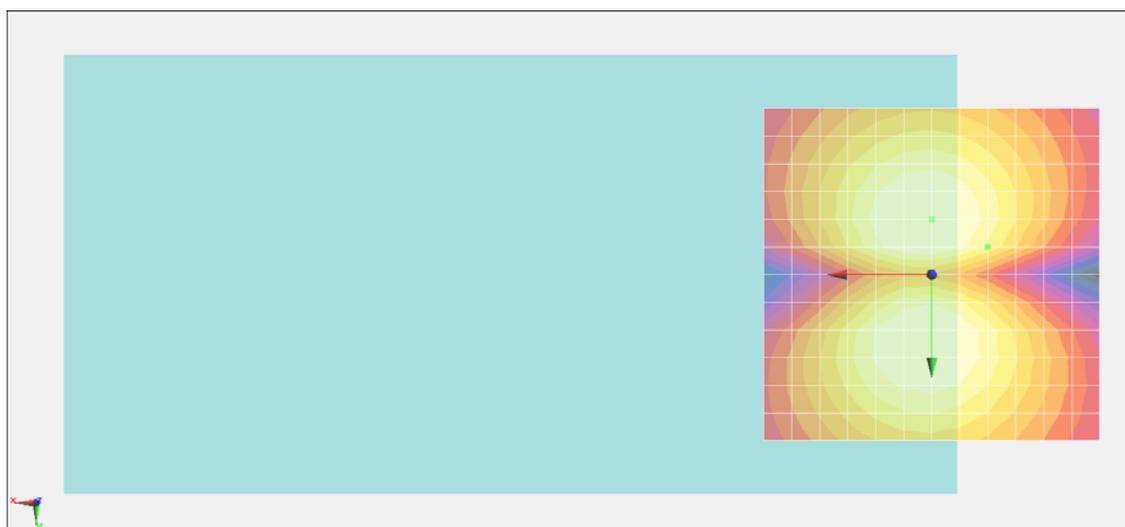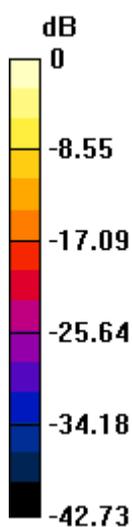
General Scans/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement grid: dx=10mm, dy=10mm
ABM1/ABM2 = 36.77 dB
ABM1 comp = -6.01 dBA/m
Location: -8.3, -4.2, 3.7 mm

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