#01 T-Coil_GSM850_Voice_Ch251_Axial (Z)

DUT: 121001-01

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

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

Ambient Temperature：22.4 ℃

DASY4 Configuration:
- Probe: AM1DV2 - 1038; ; Calibrated: 2011/1/18
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186
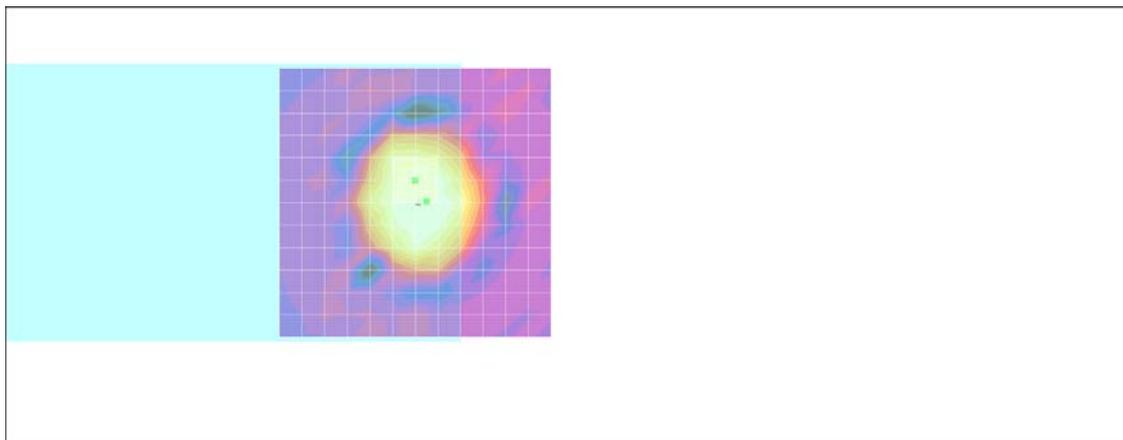
Scans/z (axial) fine 2mm 8 x 8/ABM SNR(x,y,z) (5x5x1):
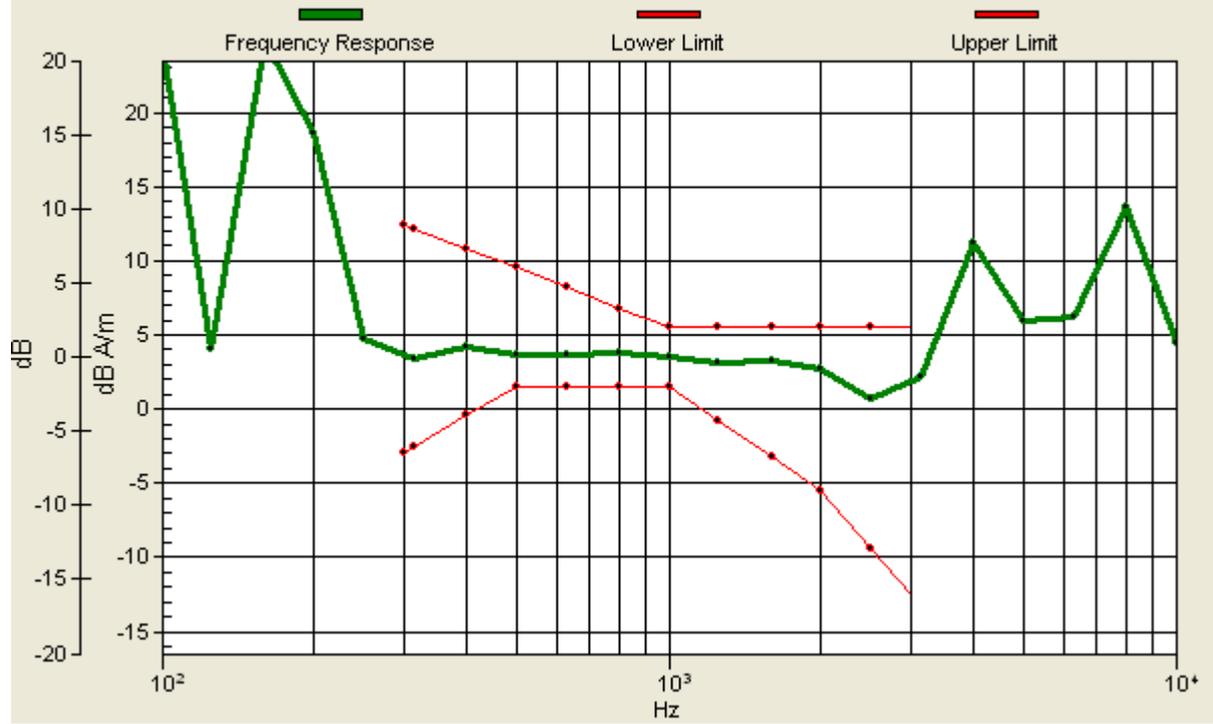ABM1/ABM2 = 32.9 dB
ABM1 comp = 5.69 dB A/m
BWC Factor = 0.147017 dB
Location: -2, -0.2, 3.7 mm

0 dB = 1.00A/m

Scans/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)
Loc: -2, -0.2, 3.7 mm Diff: 2dB

Frequency Response — Lower Limit — Upper Limit

#01 T-Coil_GSM850_Voice_Ch251_Radial 1 (X)

DUT: 121001-01

Communication System: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:8.3
Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\varepsilon_r = 1$; $\rho = 1$ kg/m^3
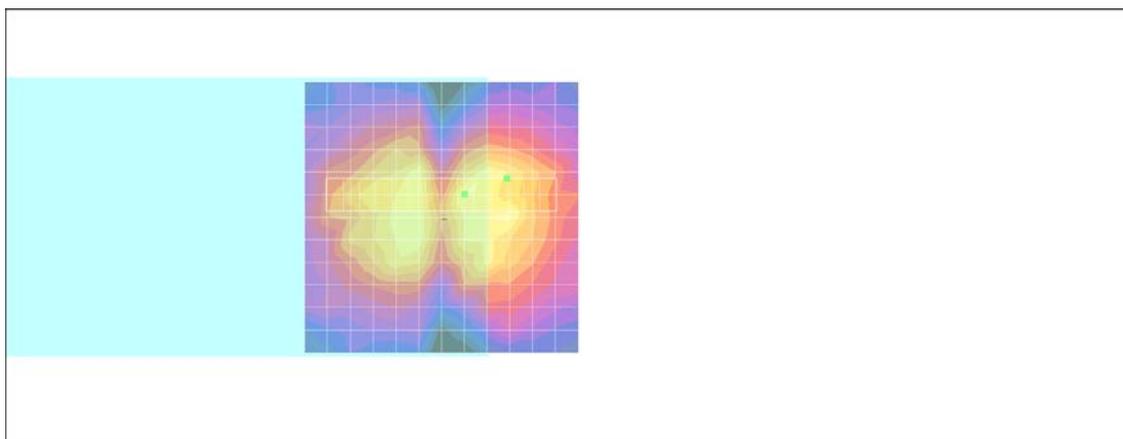Ambient Temperature：22.4 ℃

DASY4 Configuration:
- Probe: AM1DV2 - 1038; ; Calibrated: 2011/1/18
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Scans/x (longitudinal) fine 3mm 42 x 6/ABM SNR(x,y,z) (15x3x1):
ABM1/ABM2 = 32.6 dB
ABM1 comp = -7.30 dB A/m
Location: -12, -7.2, 3.7 mm

0 dB = 1.00A/m

#01 T-Coil_GSM850_Voice_Ch251_Radial 2 (Y)

DUT: 121001-01

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

Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\varepsilon_r = 1$; $\rho = 1$ kg/m^3
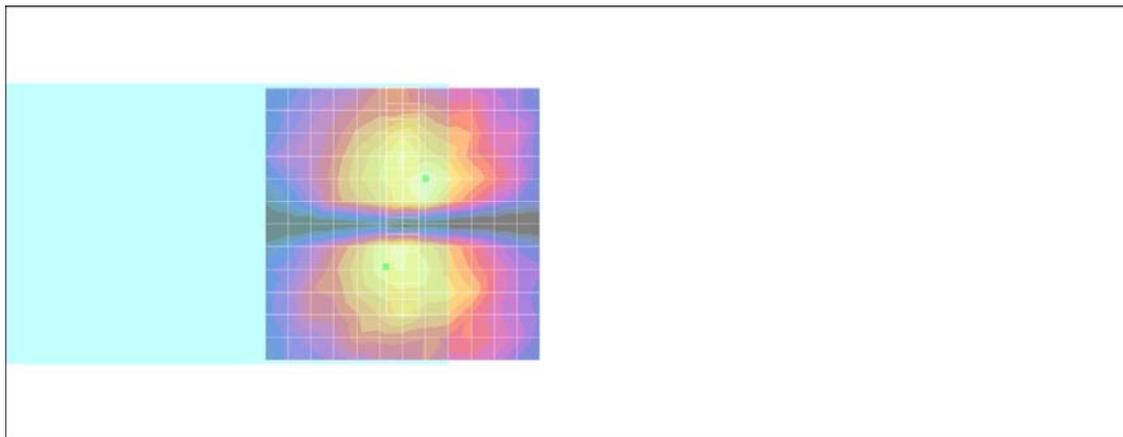
Ambient Temperature：22.4 ℃

DASY4 Configuration:
- Probe: AM1DV2 - 1038; ; Calibrated: 2011/1/18
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Scans/y (transversal) fine 3mm 6 x 42/ABM SNR(x,y,z) (3x15x1):
ABM1/ABM2 = 32.0 dB
ABM1 comp = -3.07 dB A/m
Location: 3, 7.8, 3.7 mm

0 dB = 1.00A/m

#02 T-Coil_GSM1900_Voice_Ch512_Axial (Z)

DUT: 121001-01

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

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

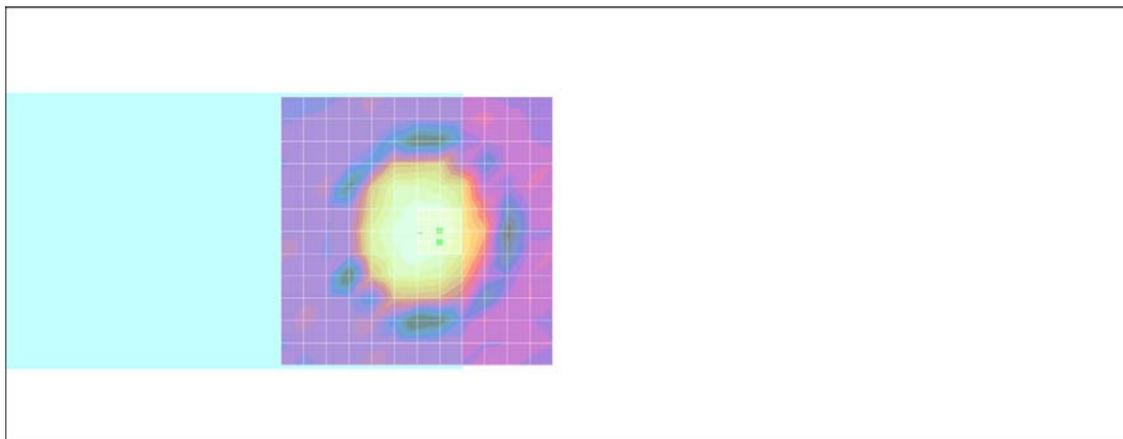Ambient Temperature：22.4 ℃

DASY4 Configuration:
- Probe: AM1DV2 - 1038; ; Calibrated: 2011/1/18
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Scans/z (axial) fine 2mm 8 x 8/ABM SNR(x,y,z) (5x5x1):
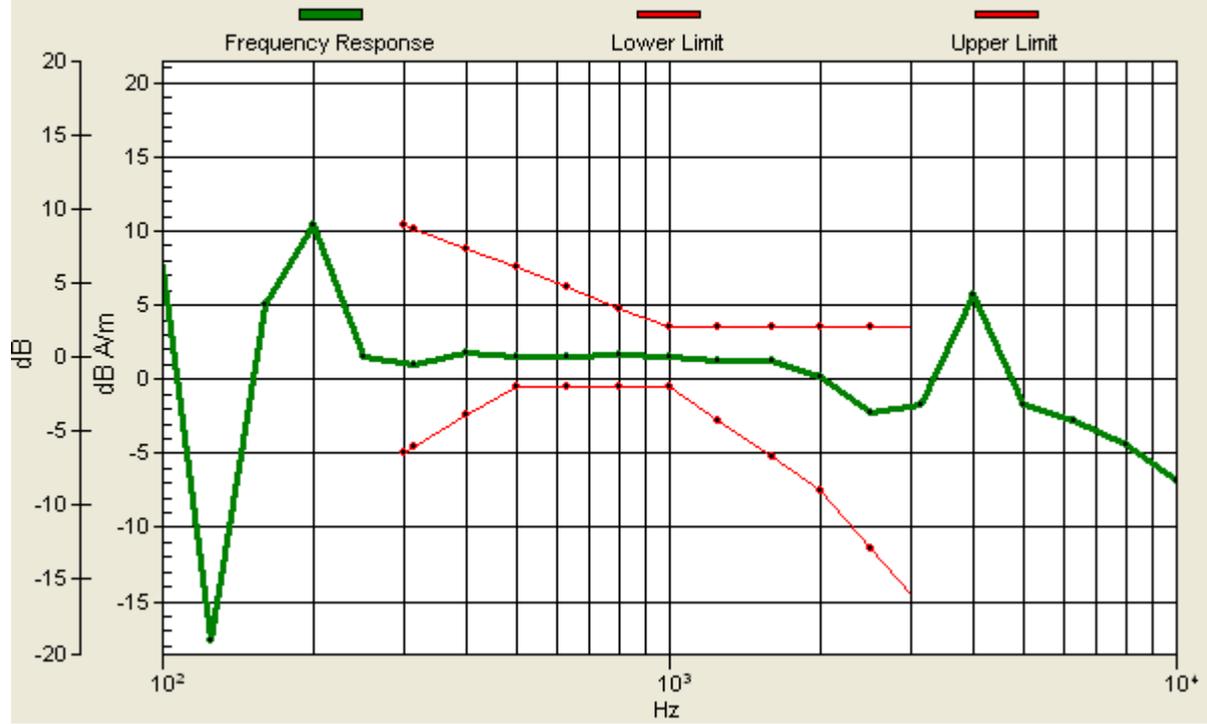
ABM1/ABM2 = 33.2 dB

ABM1 comp = 3.25 dB A/m

Location: -4.2, 2, 3.7 mm

0 dB = 1.00A/m

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

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

Frequency Response   Lower Limit   Upper Limit

#02 T-Coil_GSM1900_Voice_Ch512_Radial 1 (X)

DUT: 121001-01

Communication System: PCS; Frequency: 1850.2 MHz;Duty Cycle: 1:8.3
Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\varepsilon_r = 1$; $\rho = 1$ kg/m^3
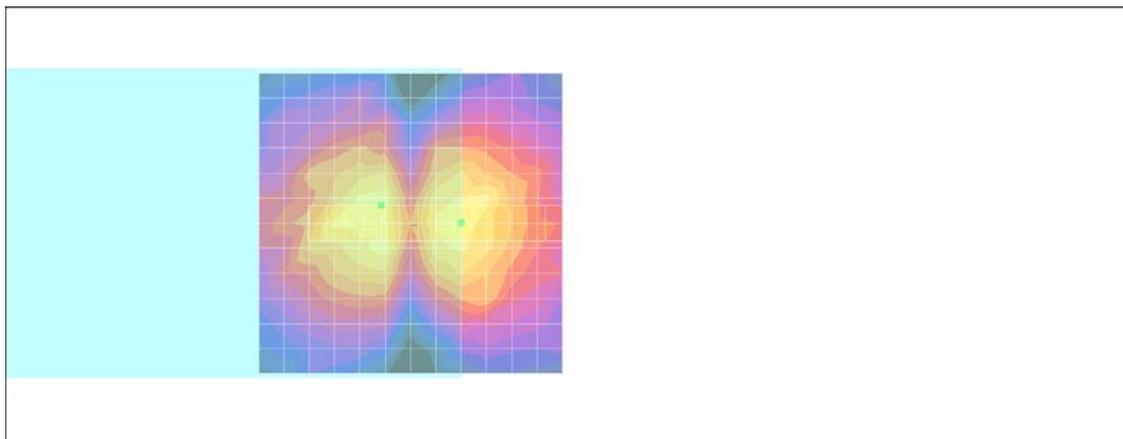Ambient Temperature：22.5 ℃

DASY4 Configuration:
- Probe: AM1DV2 - 1038; ; Calibrated: 2011/1/18
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Scans/x (longitudinal) fine 3mm 42 x 6/ABM SNR(x,y,z) (15x3x1):
ABM1/ABM2 = 32.6 dB
ABM1 comp = -2.76 dB A/m
Location: 4.8, -3, 3.7 mm

0 dB = 1.00A/m

#02 T-Coil_GSM1900_Voice_Ch512_Radial 2 (Y)

DUT: 121001-01

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

Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\varepsilon_r = 1$; $\rho = 1$ kg/m^3
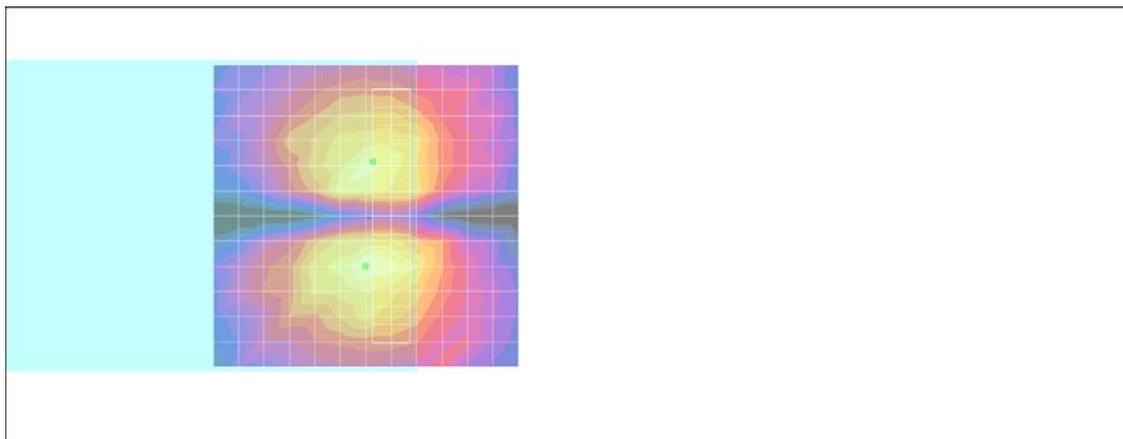
Ambient Temperature：22.4 ℃

DASY4 Configuration:
- Probe: AM1DV2 - 1038; ; Calibrated: 2011/1/18
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Scans/y (transversal) fine 3mm 6 x 42/ABM SNR(x,y,z) (3x15x1):
ABM1/ABM2 = 31.8 dB
ABM1 comp = -3.17 dB A/m
Location: -1.2, -9, 3.7 mm

0 dB = 1.00A/m

#03 T-Coil_WCDMA V_RMC12.2k_Voice_Ch4132_Axial (Z)

DUT: 121001-01

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

Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\varepsilon_r = 1$; $\rho = 1$ kg/m^3
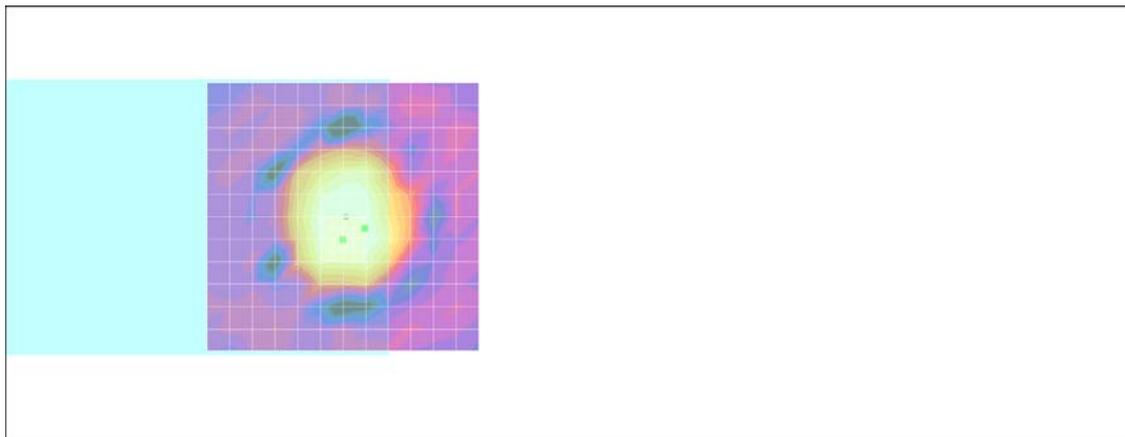
Ambient Temperature：22.4 ℃

DASY4 Configuration:
- Probe: AM1DV2 - 1038; ; Calibrated: 2011/1/18
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Scans/z (axial) fine 2mm 8 x 8/ABM SNR(x,y,z) (5x5x1):
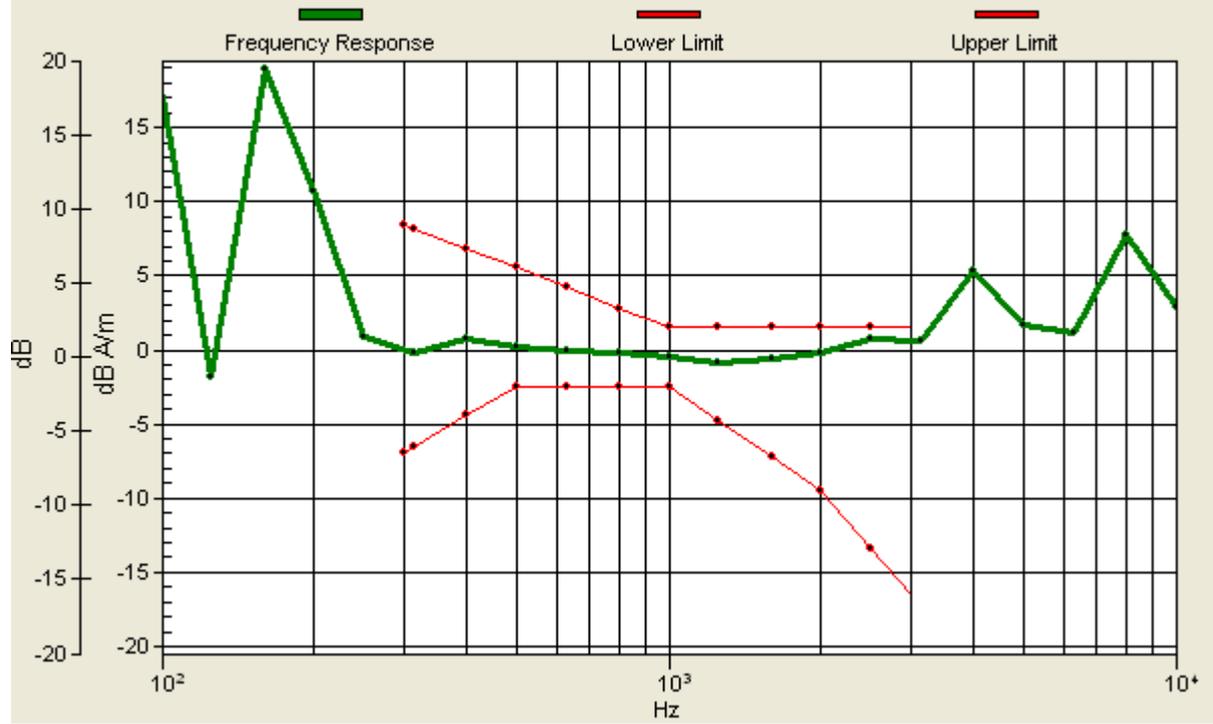
ABM1/ABM2 = 33.6 dB

ABM1 comp = 3.05 dB A/m

Location: -4, 2.2, 3.7 mm

0 dB = 1.00A/m

Scans/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)
Loc: -4, 2.2, 3.7 mm Diff: 0.84dB

Frequency Response   Lower Limit   Upper Limit

#03 T-Coil_WCDMA V_RMC12.2k_Voice_Ch4132_Radial 1 (X)

DUT: 121001-01

Communication System: WCDMA; Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\varepsilon_r = 1$; $\rho = 1$ kg/m^3
Ambient Temperature：22.4 ℃
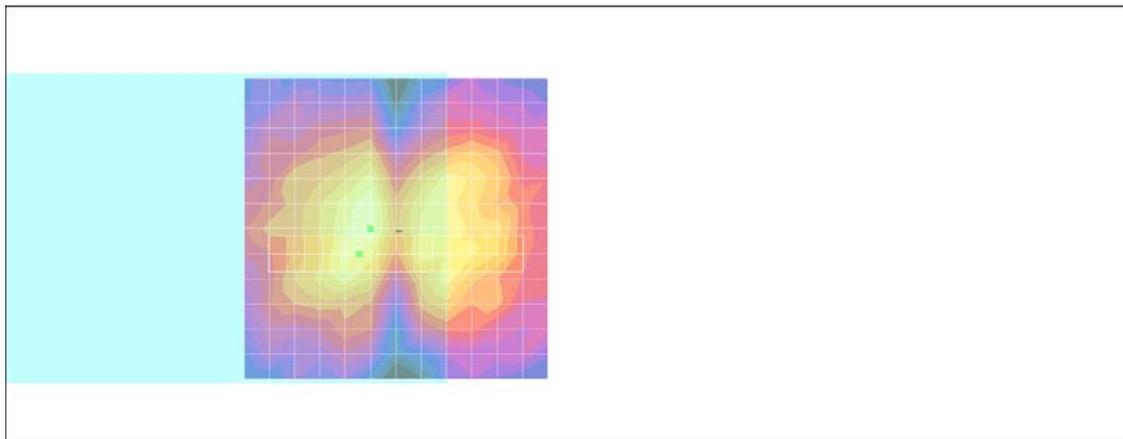
DASY4 Configuration:
- Probe: AM1DV2 - 1038; ; Calibrated: 2011/1/18
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Scans/x (longitudinal) fine 3mm 42 x 6/ABM SNR(x,y,z) (15x3x1):
ABM1/ABM2 = 33.4 dB
ABM1 comp = -3.05 dB A/m
Location: 6, 4.2, 3.7 mm

0 dB = 1.00A/m

#03 T-Coil_WCDMA V_RMC12.2k_Voice_Ch4132_Radial 2 (Y)

DUT: 121001-01

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

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

Ambient Temperature：22.4 ℃
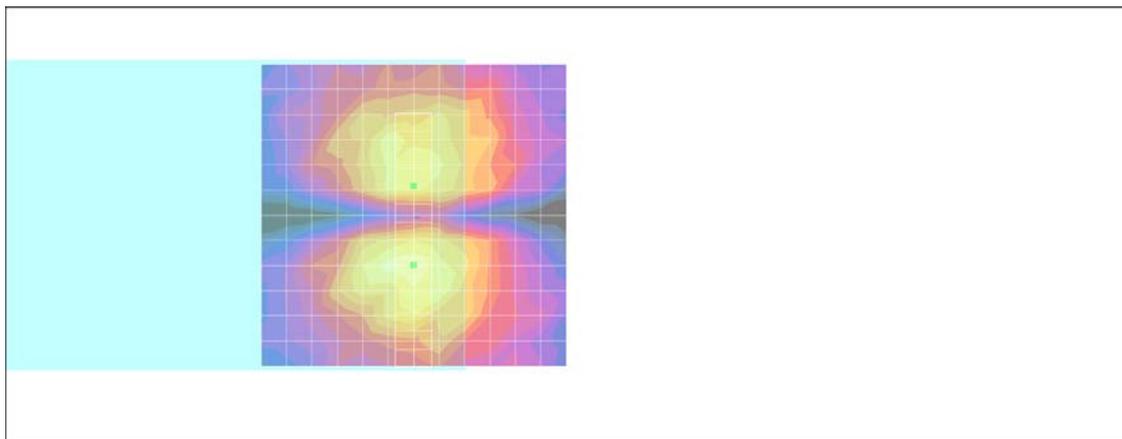
DASY4 Configuration:
- Probe: AM1DV2 - 1038; ; Calibrated: 2011/1/18
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Scans/y (transversal) fine 3mm 6 x 42/ABM SNR(x,y,z) (3x15x1):

ABM1/ABM2 = 32.5 dB

ABM1 comp = -3.35 dB A/m

Location: 0, -4.8, 3.7 mm

0 dB = 1.00A/m

#04 T-Coil_WCDMA II_RMC12.2k_Voice_Ch9538_Axial (Z)

DUT: 121001-01

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

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

Ambient Temperature：22.4 ℃
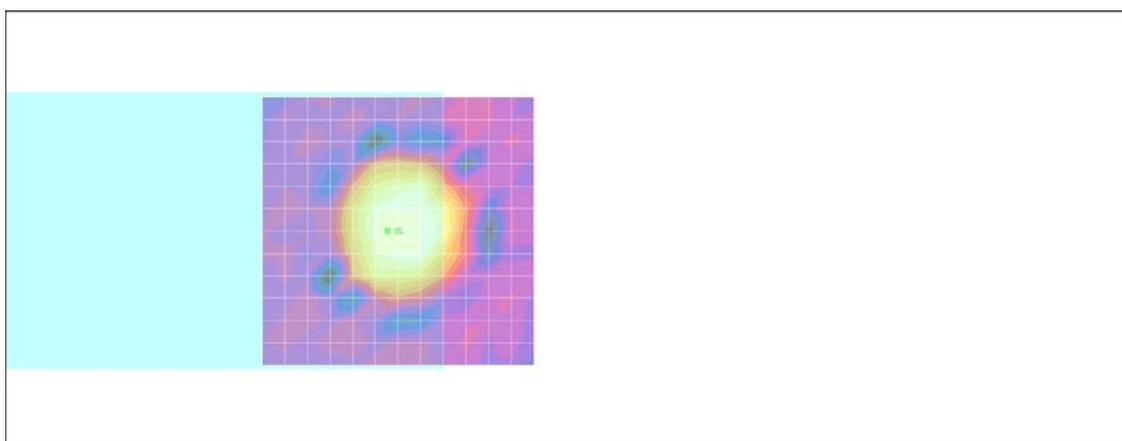
DASY4 Configuration:
- Probe: AM1DV2 - 1038; ; Calibrated: 2011/1/18
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Scans/z (axial) fine 2mm 8 x 8/ABM SNR(x,y,z) (5x5x1):
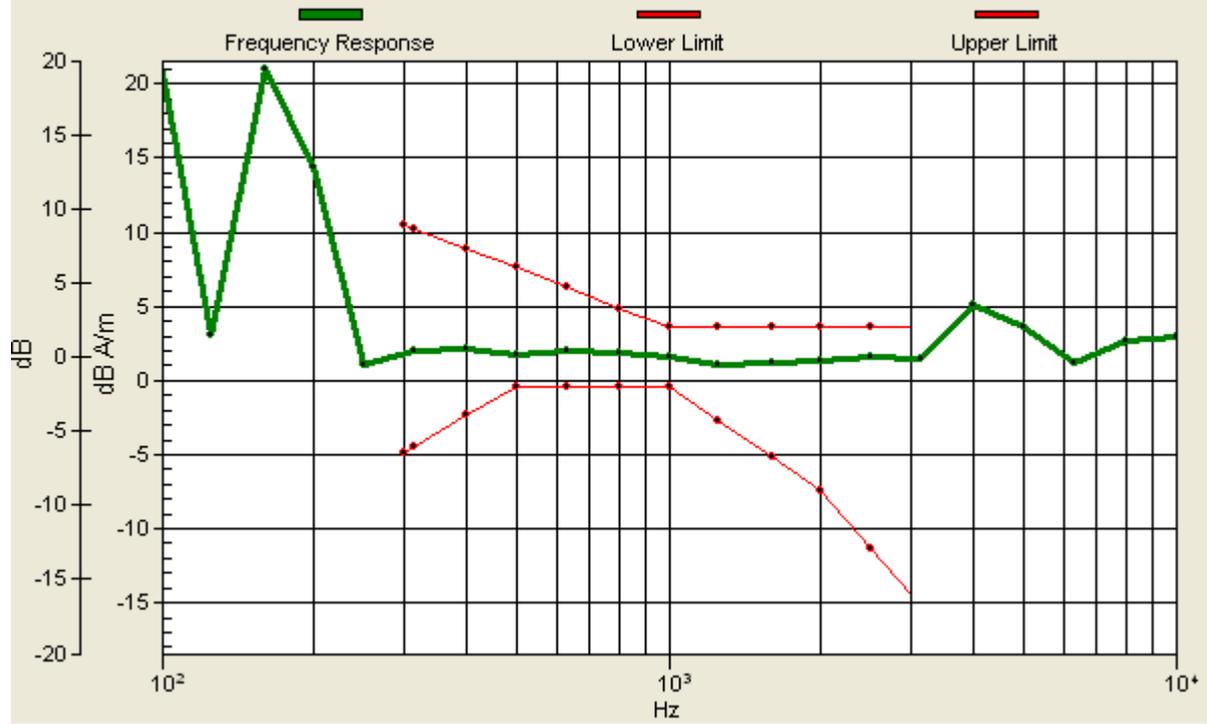ABM1/ABM2 = 33.4 dB
ABM1 comp = 4.59 dB A/m
Location: 2, 0, 3.7 mm

0 dB = 1.00A/m

Scans/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)
Loc: 2, 0, 3.7 mm Diff: 2dB

#04 T-Coil_WCDMA II_RMC12.2k_Voice_Ch9538_Radial 1 (X)

DUT: 121001-01

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

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

Ambient Temperature：22.4 ℃
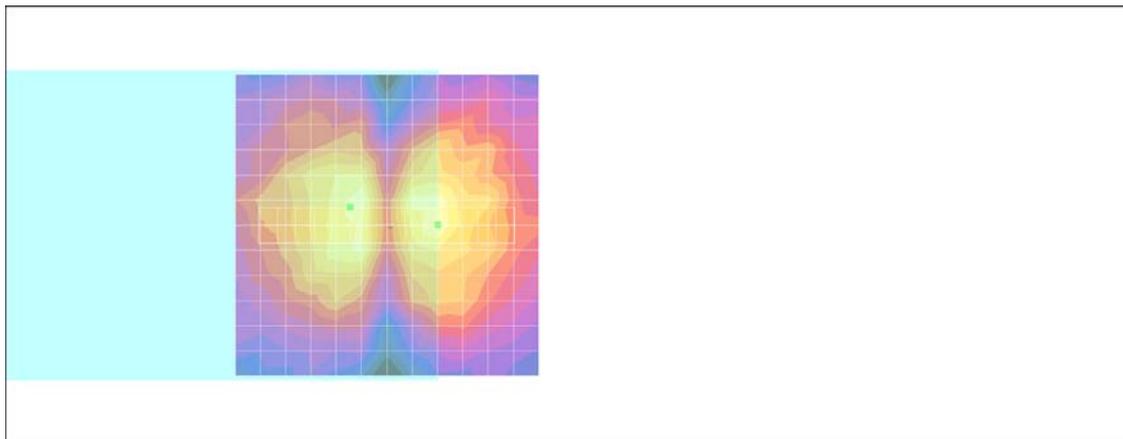
DASY4 Configuration:
- Probe: AM1DV2 - 1038; ; Calibrated: 2011/1/18
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Scans/x (longitudinal) fine 3mm 42 x 6/ABM SNR(x,y,z) (15x3x1):

ABM1/ABM2 = 33.2 dB

ABM1 comp = -2.43 dB A/m

Location: 6, -3, 3.7 mm

0 dB = 1.00A/m

#04 T-Coil_WCDMA II_RMC12.2k_Voice_Ch9538_Radial 2 (Y)

DUT: 121001-01

Communication System: WCDMA; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\varepsilon_r = 1$; $\rho = 1$ kg/m^3
Ambient Temperature：22.5 ℃
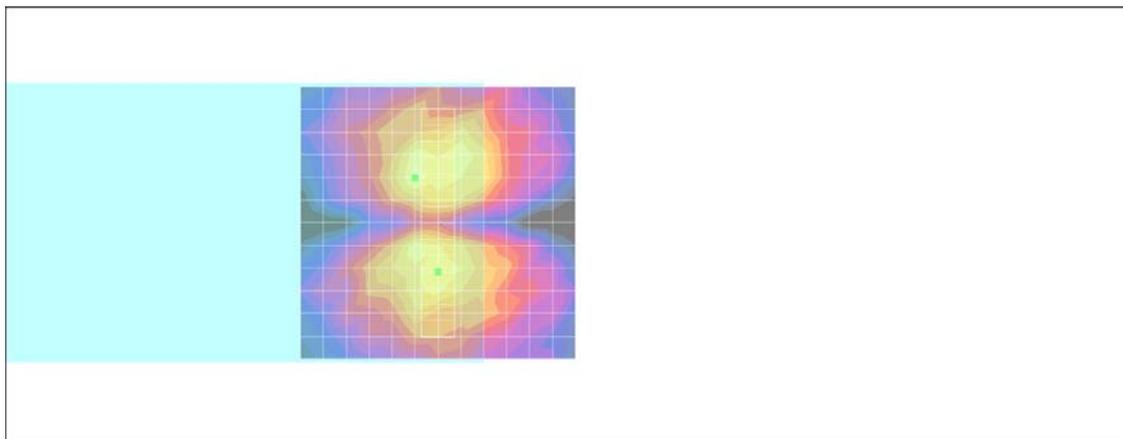
DASY4 Configuration:
- Probe: AM1DV2 - 1038; ; Calibrated: 2011/1/18
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Scans/y (transversal) fine 3mm 6 x 42/ABM SNR(x,y,z) (3x15x1):
ABM1/ABM2 = 32.4 dB
ABM1 comp = -3.05 dB A/m
Location: 0, 9, 3.7 mm

0 dB = 1.00A/m