#01 T-Coil_GSM850_GSM_Ch189_Battery 1_Axial (Z)

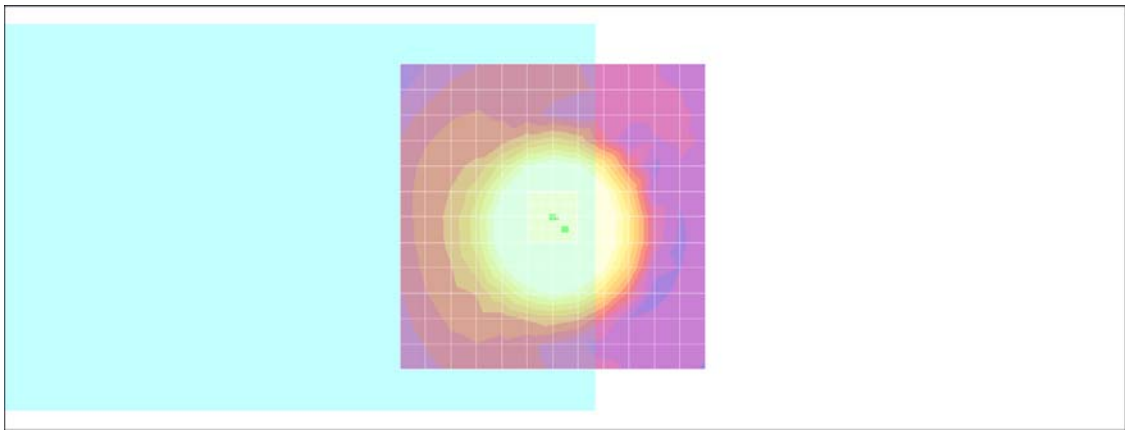
DUT: 703289

Communication System: GSM850; Frequency: 836.4 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：22.8 ℃

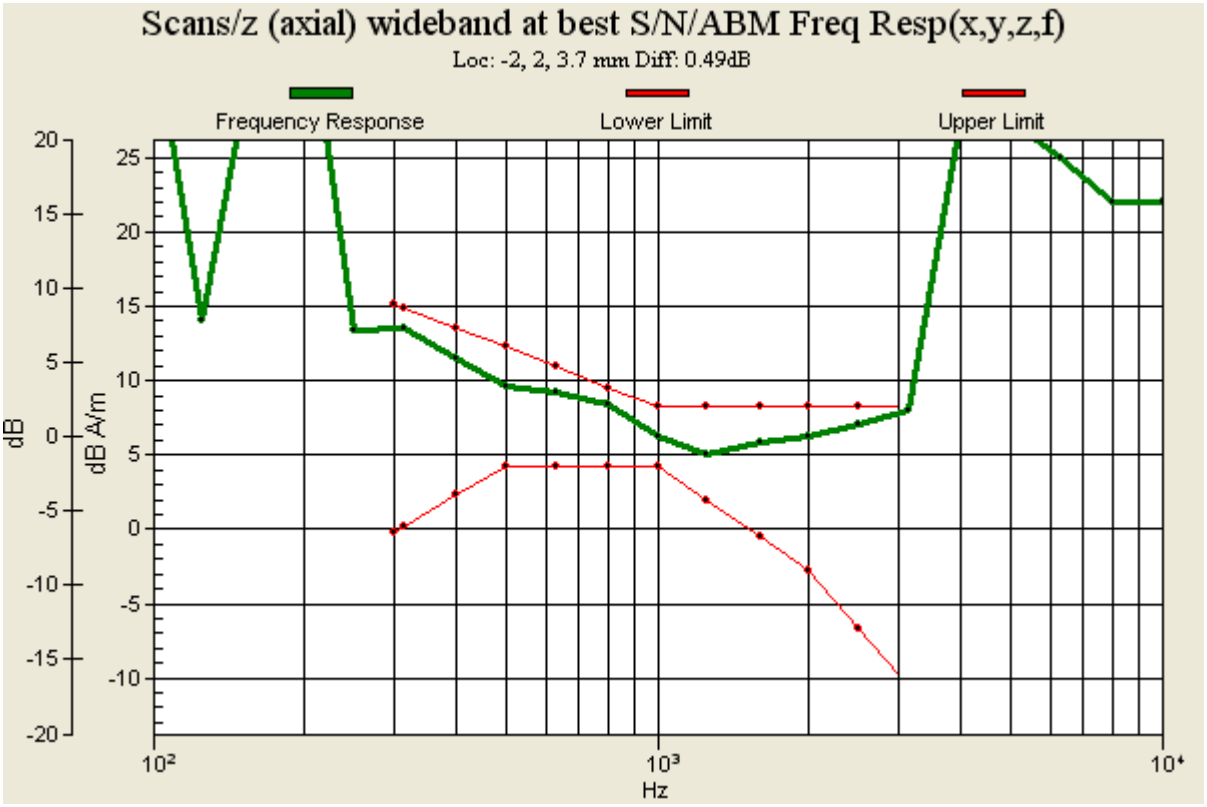
DASY4 Configuration:
- Probe: AM1DV2 - 1038; ; Calibrated: 2010/1/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Scans/z (axial) fine 2mm 8 x 8/ABM SNR(x,y,z) (5x5x1):

ABM1/ABM2 = 21.2 dB
ABM1 comp = 10.7 dB A/m
Location: -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: -2, 2, 3.7 mm Diff: 0.49dB
Frequency Response
Lower Limit
Upper Limit
dB
dB A/m
Hz
10²
10³
10⁴

#01 T-Coil_GSM850_GSM_Ch189_Battery 1_Radial 1 (X)

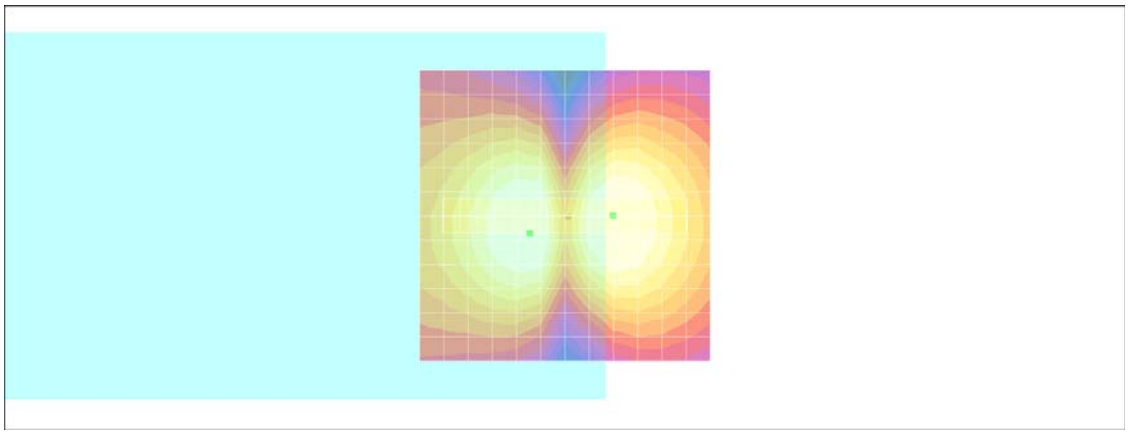
DUT: 703289

Communication System: GSM850; Frequency: 836.4 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：22.8 ℃

DASY4 Configuration:
- Probe: AM1DV2 - 1038; ; Calibrated: 2010/1/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- 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 = 1.88 dB A/m
Location: 6, 3, 3.7 mm



0 dB = 1.00A/m

#01 T-Coil_GSM850_GSM_Ch189_Battery 1_Radial 2 (Y)

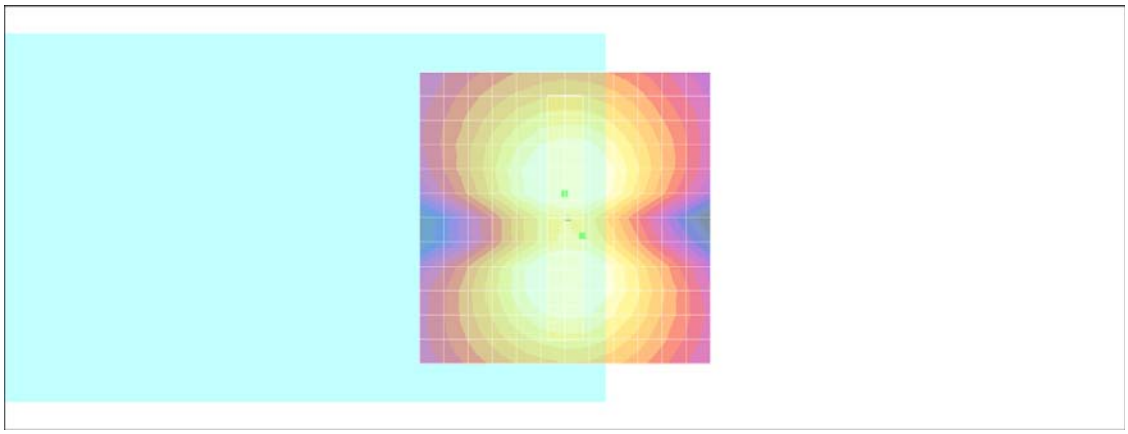
DUT: 703289

Communication System: GSM850; Frequency: 836.4 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：22.8 ℃

DASY4 Configuration:
- Probe: AM1DV2 - 1038; ; Calibrated: 2010/1/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- 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 = -10.6 dB A/m
Location: -3, 3, 3.7 mm



0 dB = 1.00A/m

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2010/11/28

#02 T-Coil_GSM850_GSM_Ch128_Battery 1_Axial (Z)

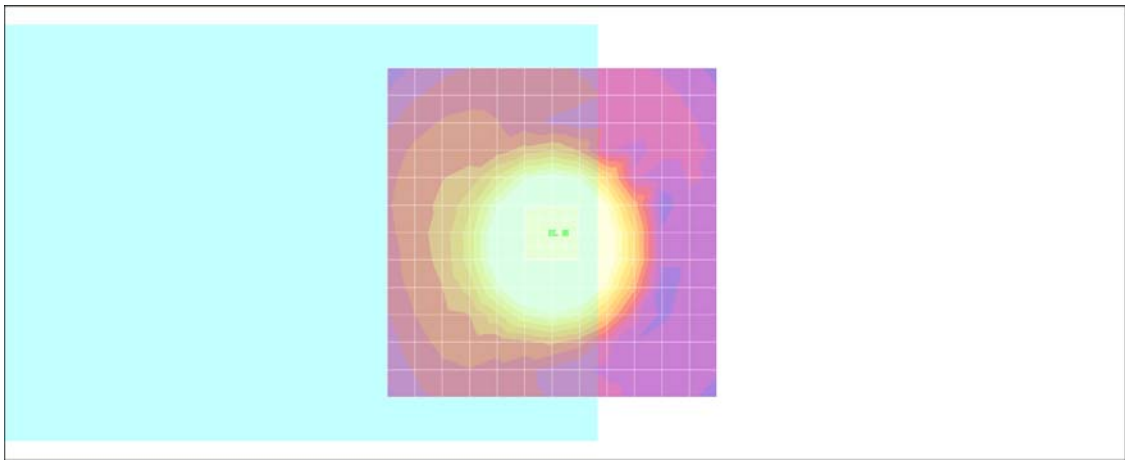
DUT: 081915-07

Communication System: GSM850; Frequency: 824.2 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 ℃

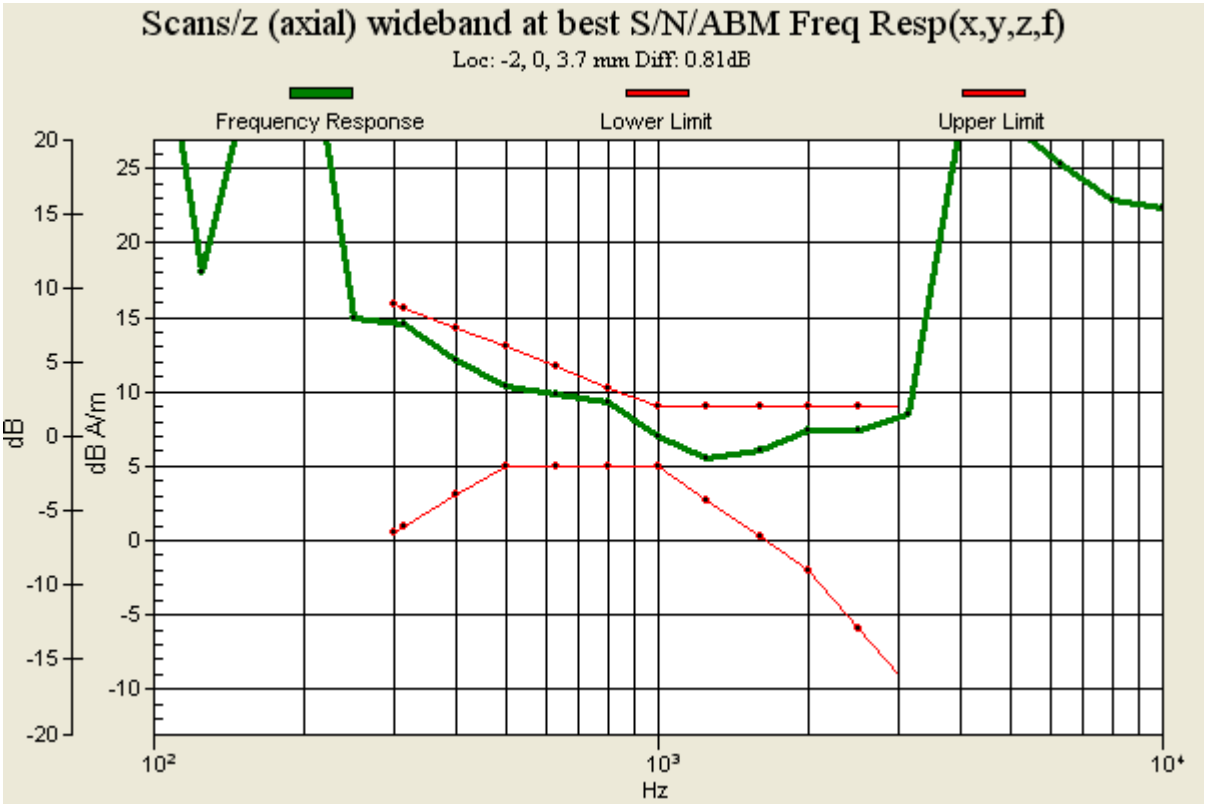
DASY4 Configuration:
- Probe: AM1DV2 - 1038; ; Calibrated: 2010/1/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Scans/z (axial) fine 2mm 8 x 8/ABM SNR(x,y,z) (5x5x1):

ABM1/ABM2 = 21.4 dB
ABM1 comp = 10.8 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: 0.81dB
Frequency Response
Lower Limit
Upper Limit
dB
dB A/m
Hz
10²
10³
10⁴

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2010/11/28

#02 T-Coil_GSM850_GSM_Ch128_Battery 1_Radial 1 (X)

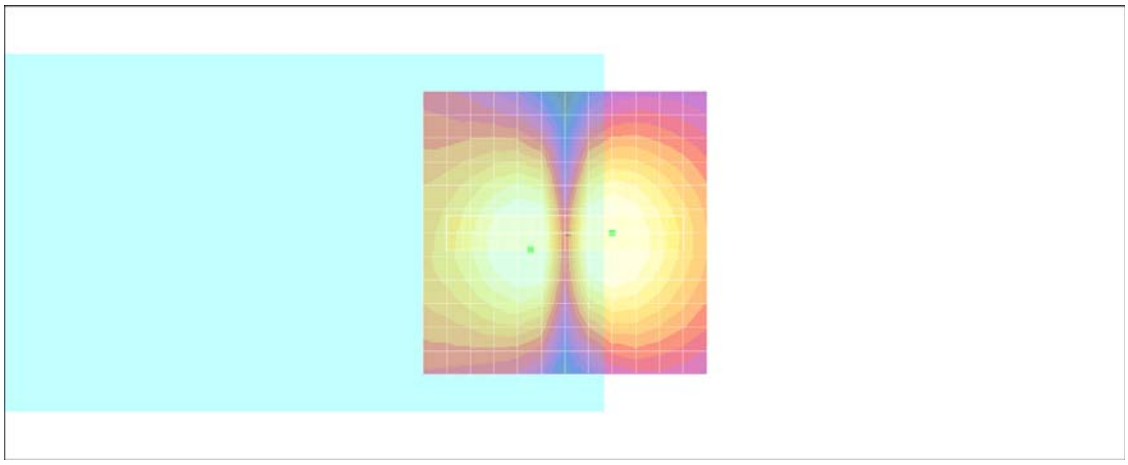
DUT: 081915-07

Communication System: GSM850; Frequency: 824.2 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：22.6 ℃

DASY4 Configuration:
- Probe: AM1DV2 - 1038; ; Calibrated: 2010/1/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- 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 = 30.7 dB
ABM1 comp = 2.07 dB A/m
Location: 6, 3, 3.7 mm



0 dB = 1.00A/m

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2010/11/28

#02 T-Coil_GSM850_GSM_Ch128_Battery 1_Radial 2 (Y)

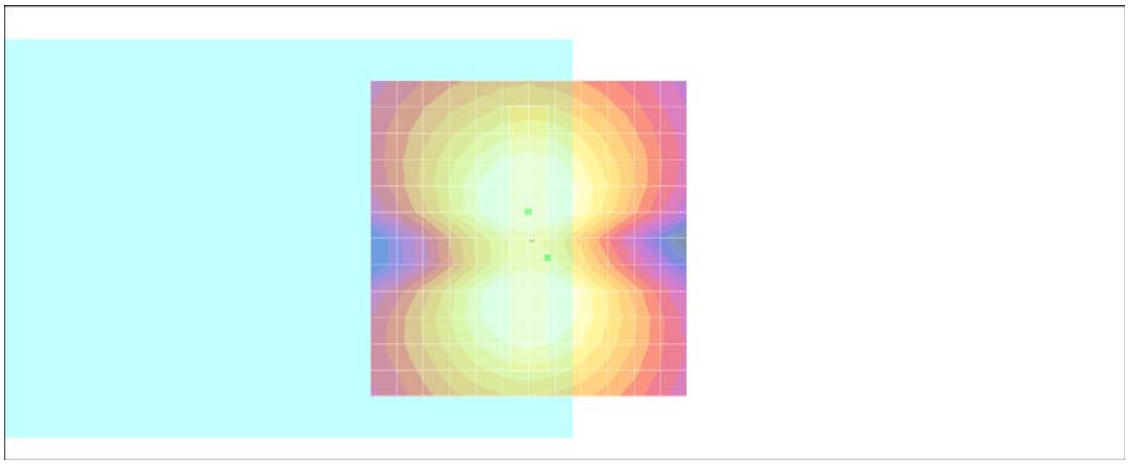
DUT: 081915-07

Communication System: GSM850; Frequency: 824.2 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: 2010/1/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- 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 = 31.3 dB
ABM1 comp = -10.2 dB A/m
Location: -3, 3, 3.7 mm



0 dB = 1.00A/m

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2010/11/28

#03 T-Coil_GSM850_GSM_Ch251_Battery 1_Axial (Z)

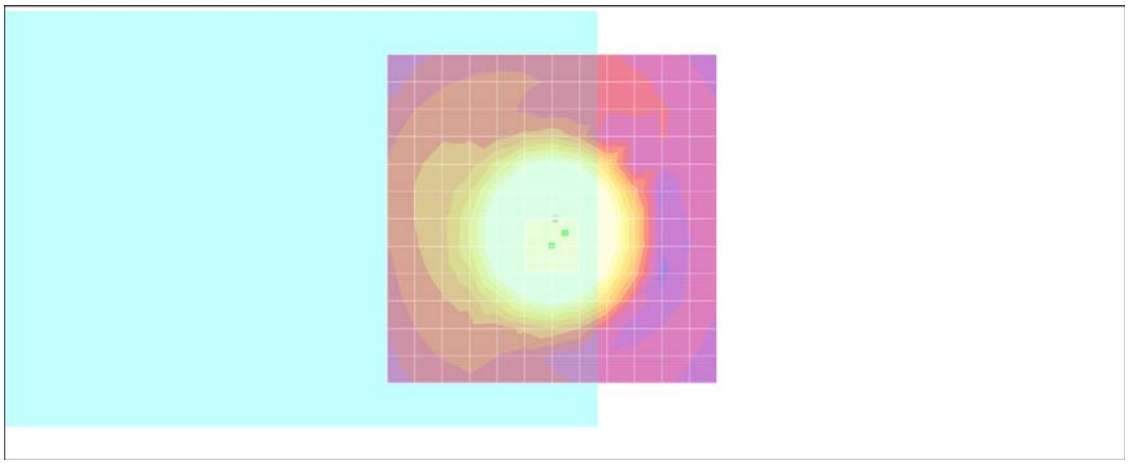
DUT: 081915-07

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：22.6 ℃

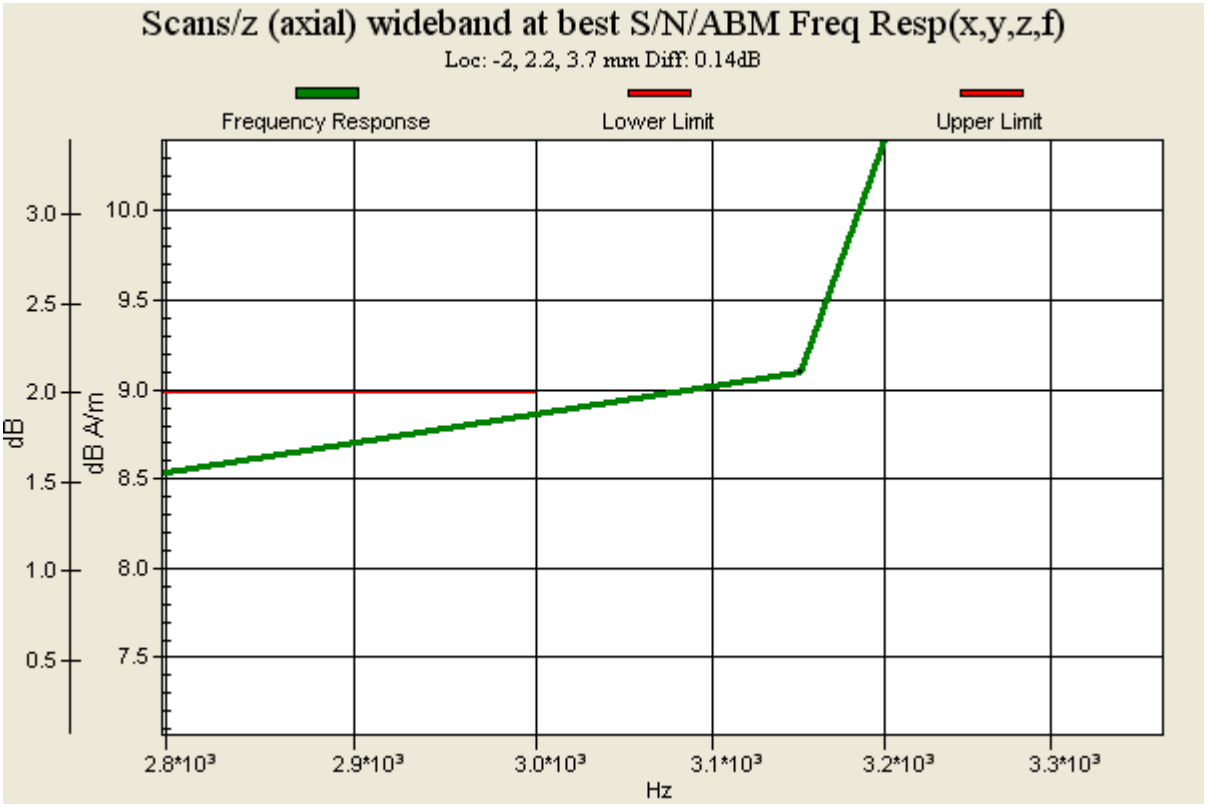
DASY4 Configuration:
- Probe: AM1DV2 - 1038; ; Calibrated: 2010/1/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

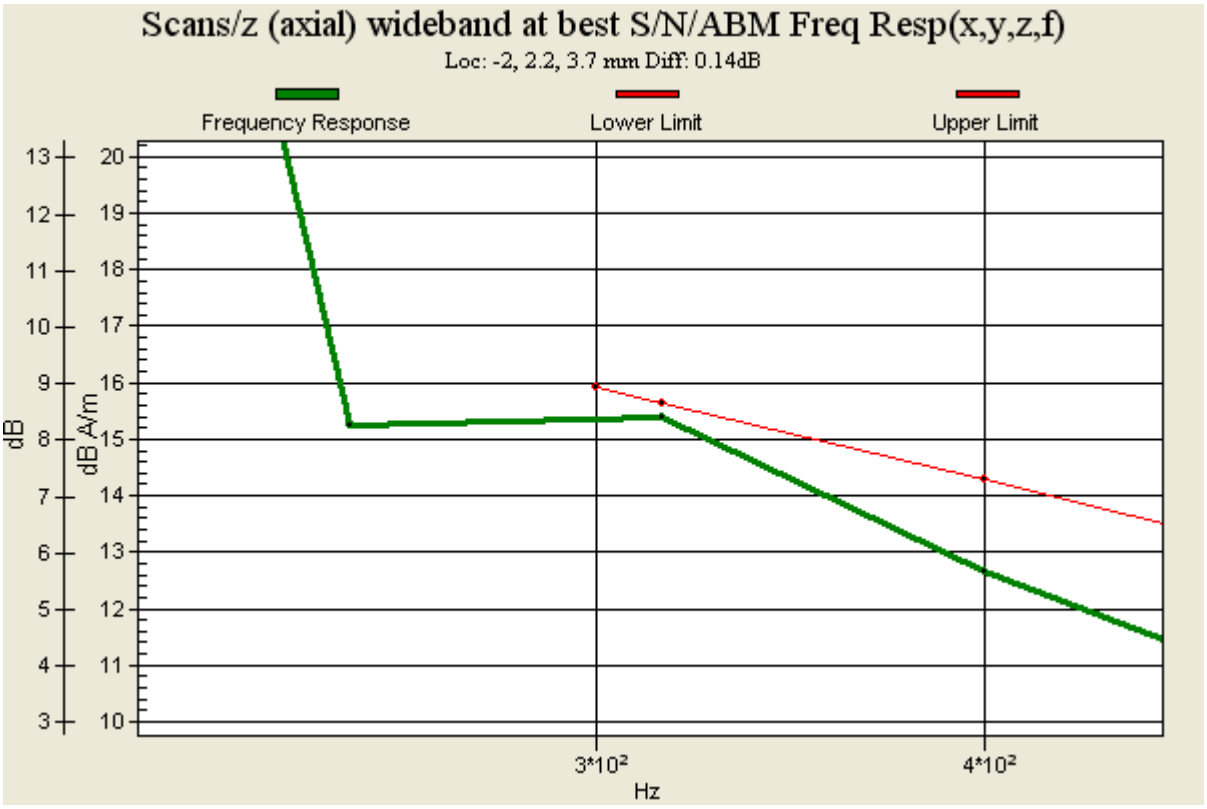
Scans/z (axial) fine 2mm 8 x 8/ABM SNR(x,y,z) (5x5x1):

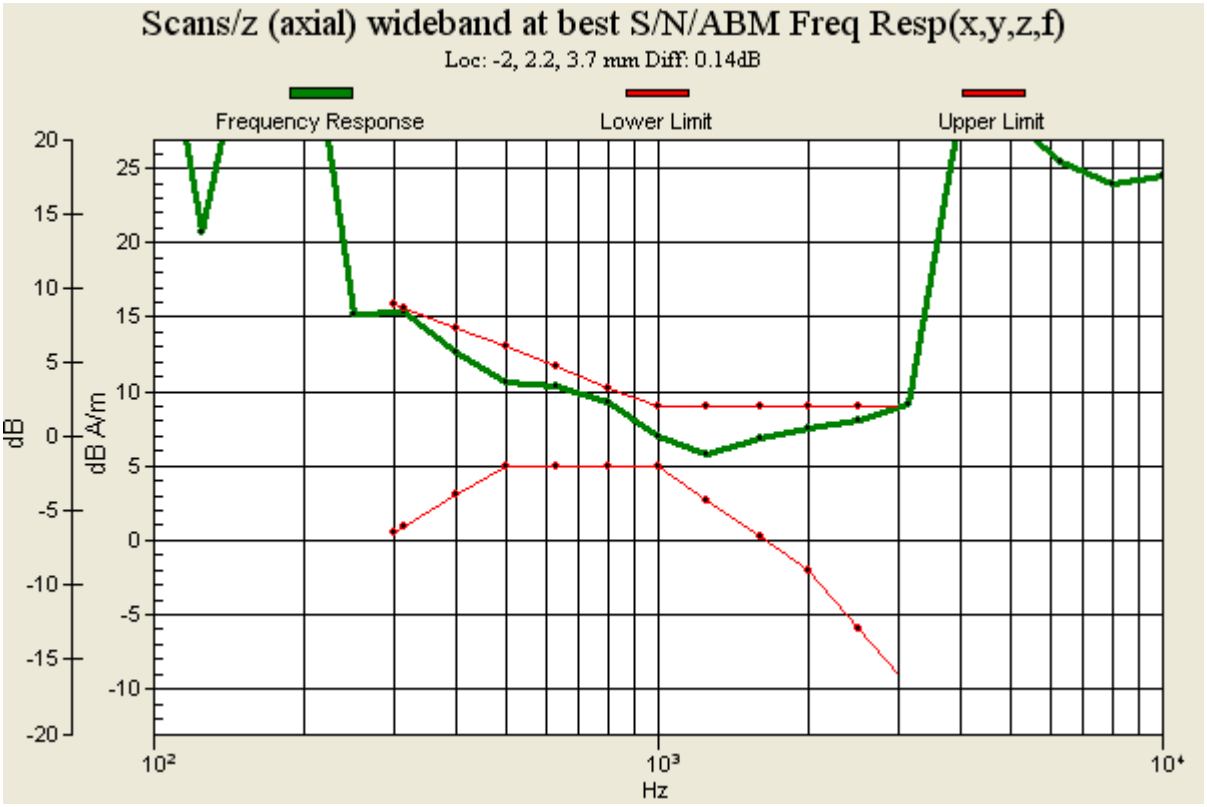
ABM1/ABM2 = 22.8 dB
ABM1 comp = 12.0 dB A/m
Location: -2, 2.2, 3.7 mm



0 dB = 1.00A/m


Scans/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)
Loc: -2, 2.2, 3.7 mm Diff: 0.14dB
Frequency Response
Lower Limit
Upper Limit
dB
dB A/m
Hz
2.8*10³
2.9*10³
3.0*10³
3.1*10³
3.2*10³
3.3*10³


Scans/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)
Loc: -2, 2.2, 3.7 mm Diff: 0.14dB
Frequency Response
Lower Limit
Upper Limit
dB
dB A/m
Hz
3*10²
4*10²


Scans/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)
Loc: -2, 2.2, 3.7 mm Diff: 0.14dB
Frequency Response
Lower Limit
Upper Limit
dB
dB A/m
Hz
10²
10³
10⁴

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2010/11/28

#03 T-Coil_GSM850_GSM_Ch251_Battery 1_Radial 1 (X)

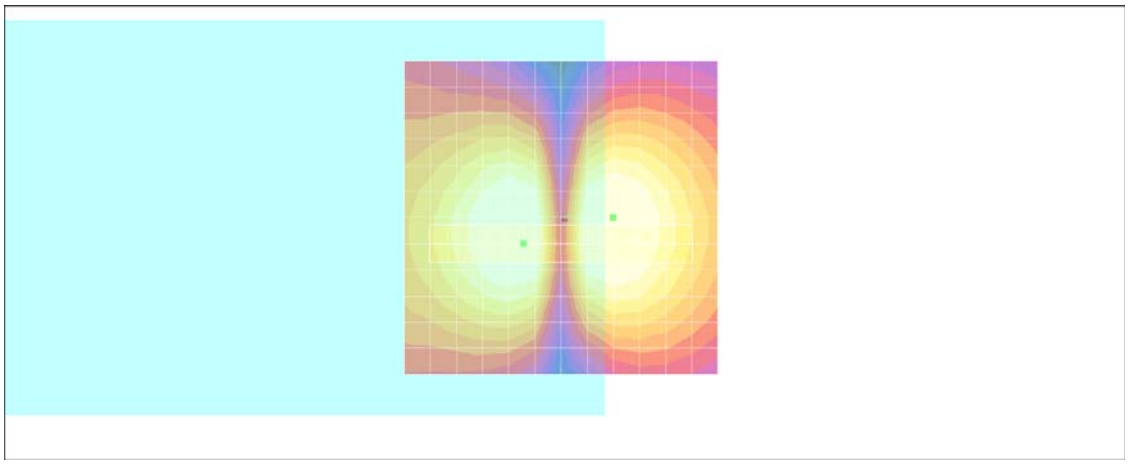
DUT: 081915-07

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：22.5 ℃

DASY4 Configuration:
- Probe: AM1DV2 - 1038; ; Calibrated: 2010/1/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- 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 = 31.6 dB
ABM1 comp = 3.04 dB A/m
Location: 6, 4.2, 3.7 mm



0 dB = 1.00A/m

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2010/11/28

#03 T-Coil_GSM850_GSM_Ch251_Battery 1_Radial 2 (Y)

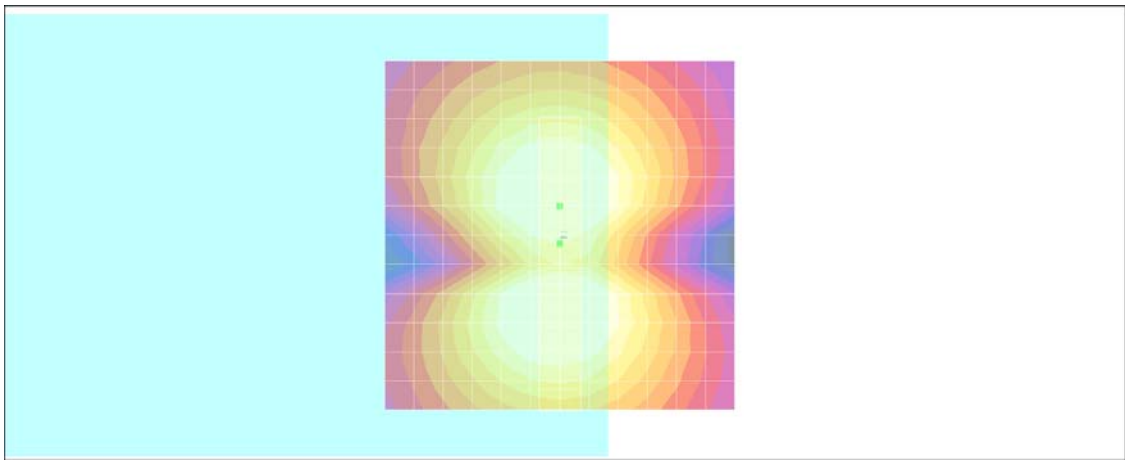
DUT: 081915-07

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：22.6 ℃

DASY4 Configuration:
- Probe: AM1DV2 - 1038; ; Calibrated: 2010/1/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- 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 = 32.9 dB
ABM1 comp = -5.96 dB A/m
Location: 0, 1.2, 3.7 mm



0 dB = 1.00A/m

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2010/11/28

#04 T-Coil_GSM850_GSM_Ch189_Battery 2_Axial (Z)

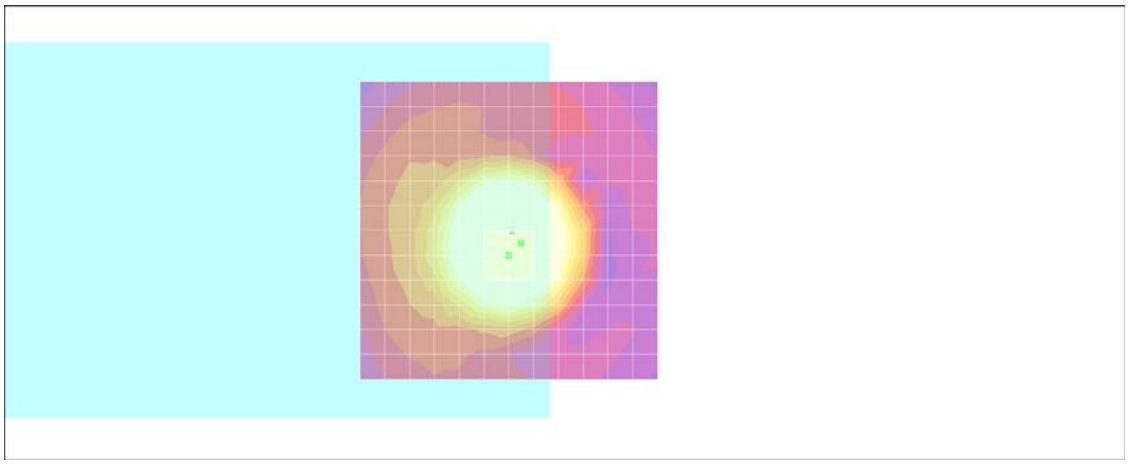
DUT: 081915-07

Communication System: GSM850; Frequency: 836.4 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：22.6 ℃

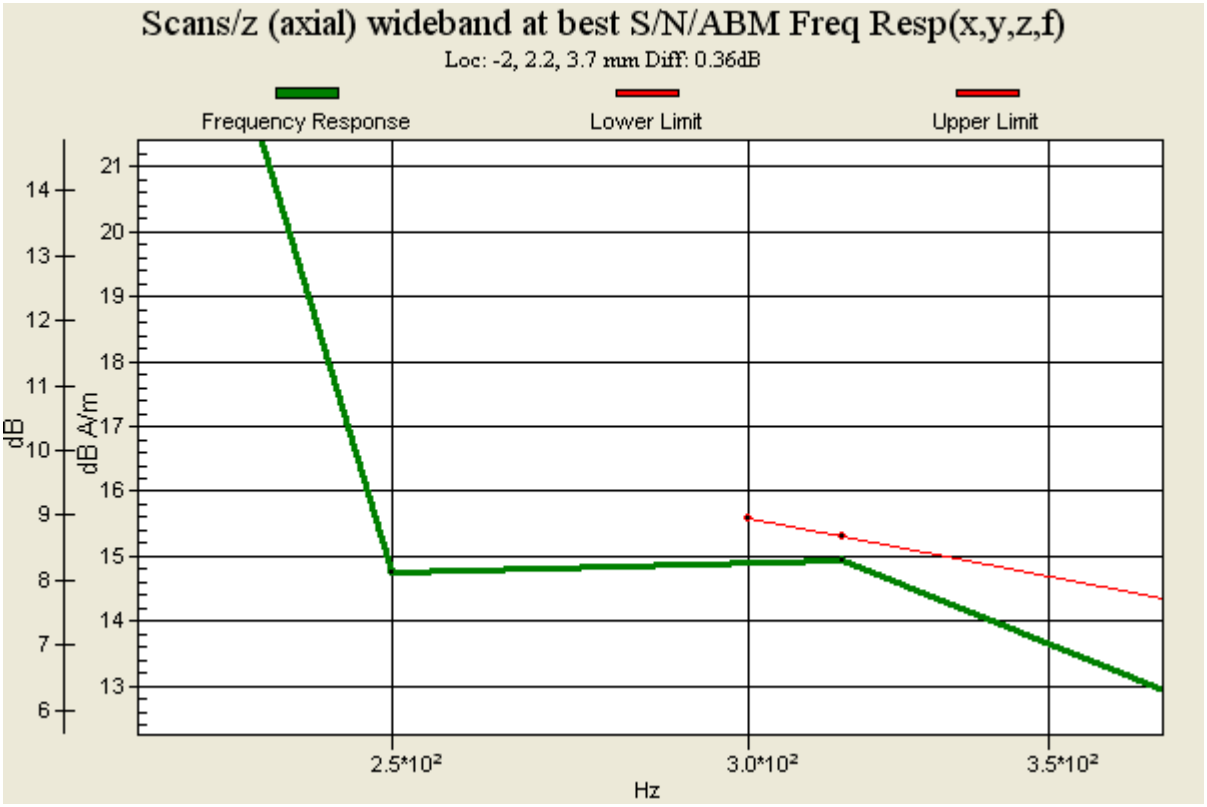
DASY4 Configuration:
- Probe: AM1DV2 - 1038; ; Calibrated: 2010/1/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

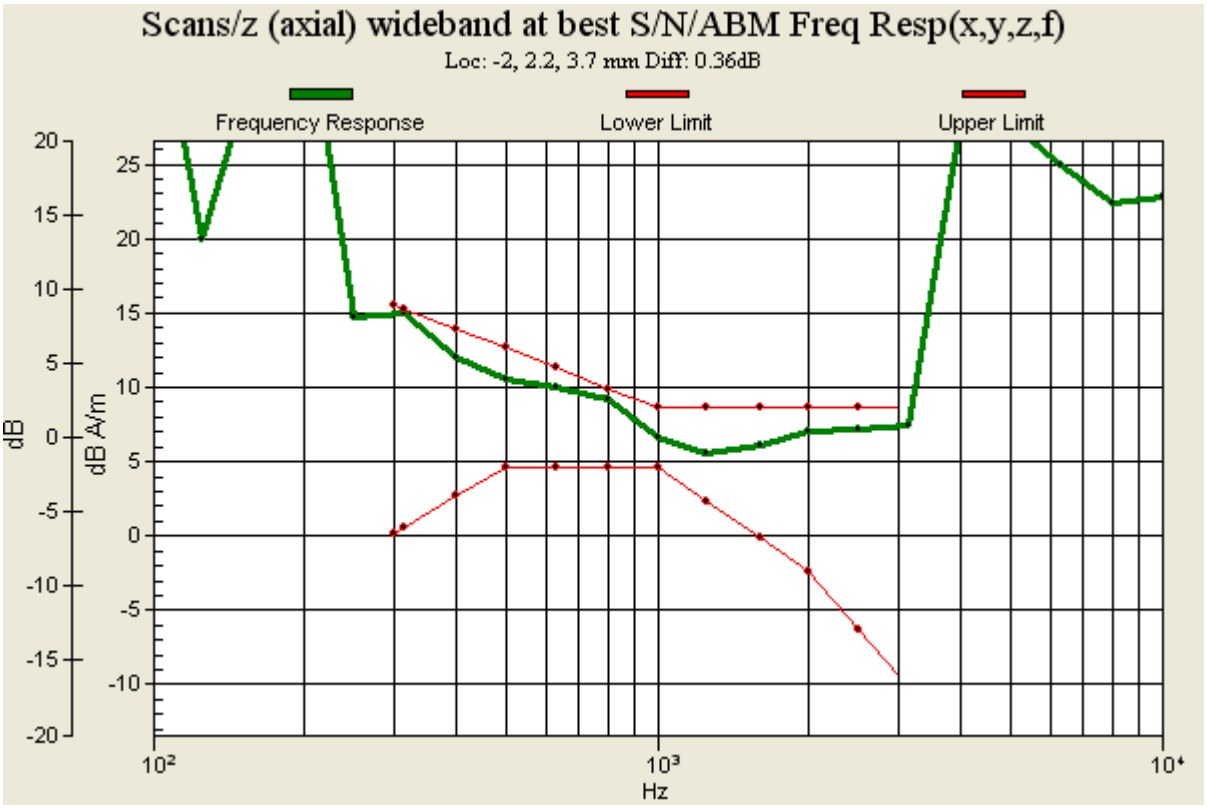
Scans/z (axial) fine 2mm 8 x 8/ABM SNR(x,y,z) (5x5x1):

ABM1/ABM2 = 21.2 dB
ABM1 comp = 11.1 dB A/m
Location: -2, 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: -2, 2.2, 3.7 mm Diff: 0.36dB
Frequency Response
Lower Limit
Upper Limit
dB
dB A/m
2.5*10²
3.0*10²
3.5*10²
Hz


Scans/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)
Loc: -2, 2.2, 3.7 mm Diff: 0.36dB
Frequency Response
Lower Limit
Upper Limit
dB
dB A/m
10²
10³
10⁴
Hz

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2010/11/28

#04 T-Coil_GSM850_GSM_Ch189_Battery 2_Radial 1 (X)

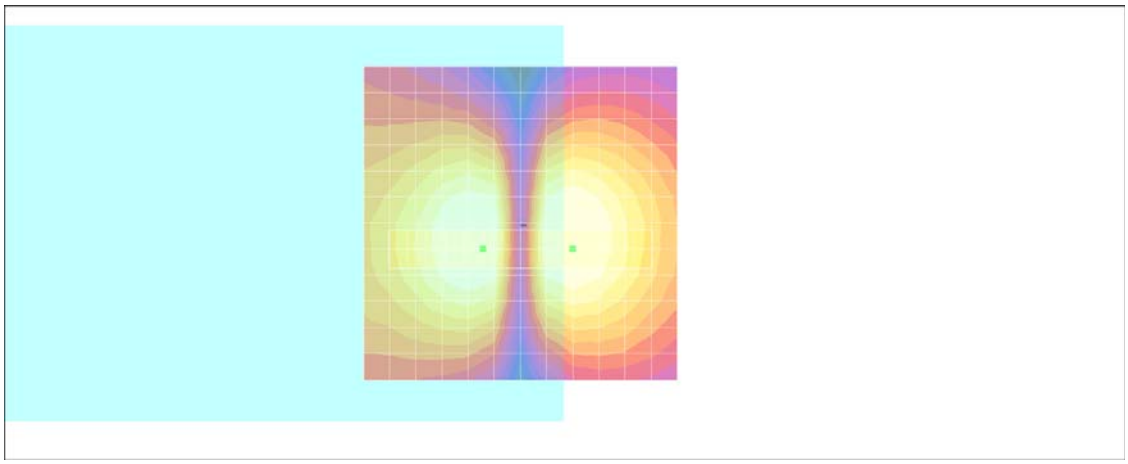
DUT: 081915-07

Communication System: GSM850; Frequency: 836.4 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：22.6 ℃

DASY4 Configuration:
- Probe: AM1DV2 - 1038; ; Calibrated: 2010/1/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- 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 = 31.8 dB
ABM1 comp = 2.31 dB A/m
Location: 6, 4.2, 3.7 mm



0 dB = 1.00A/m

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2010/11/28

#04 T-Coil_GSM850_GSM_Ch189_Battery 2_Radial 2 (Y)

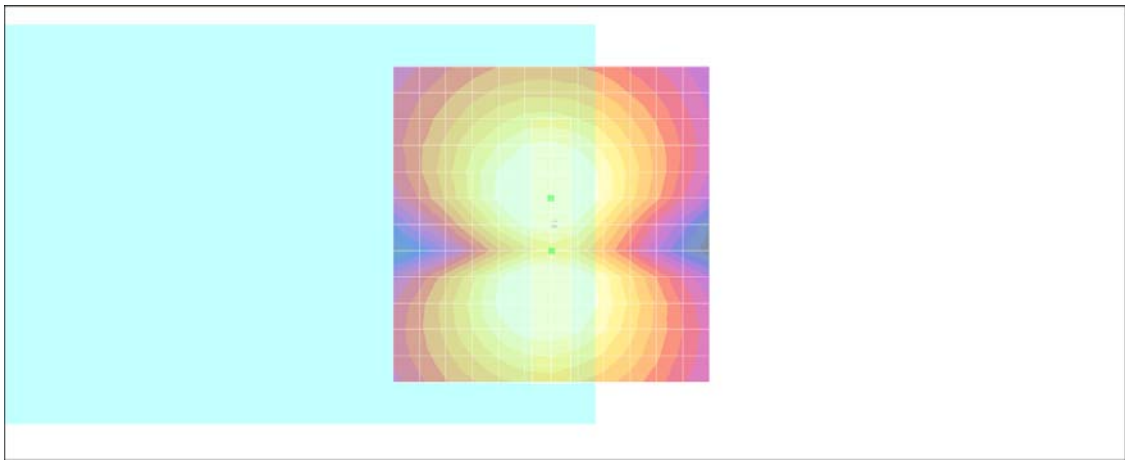
DUT: 081915-07

Communication System: GSM850; Frequency: 836.4 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：22.6 ℃

DASY4 Configuration:
- Probe: AM1DV2 - 1038; ; Calibrated: 2010/1/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- 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 = 31.7 dB
ABM1 comp = -6.98 dB A/m
Location: 0, 4.2, 3.7 mm



0 dB = 1.00A/m

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2010/11/28

#05 T-Coil_GSM1900_GSM_Ch661_Battery 1_Axial (Z)

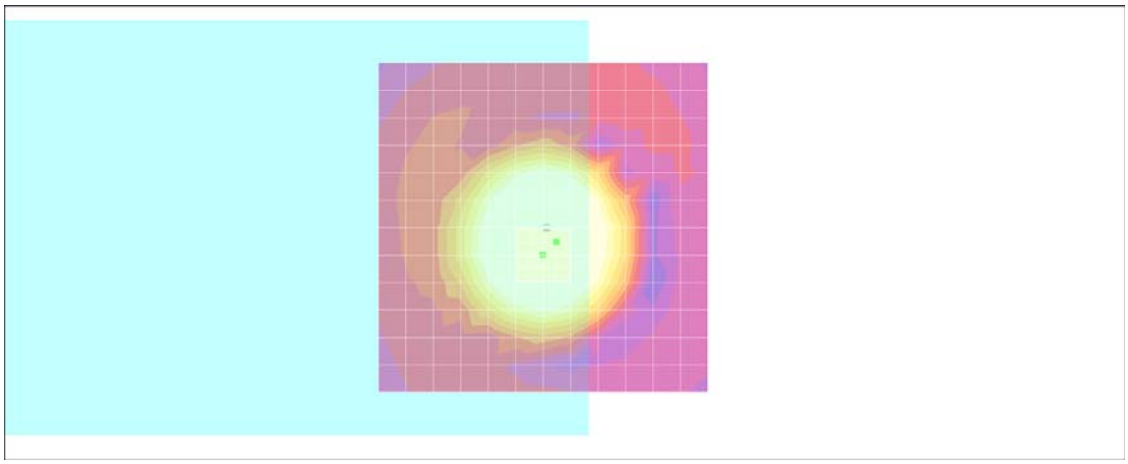
DUT: 081915-07

Communication System: PCS; Frequency: 1880 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：22.6 ℃

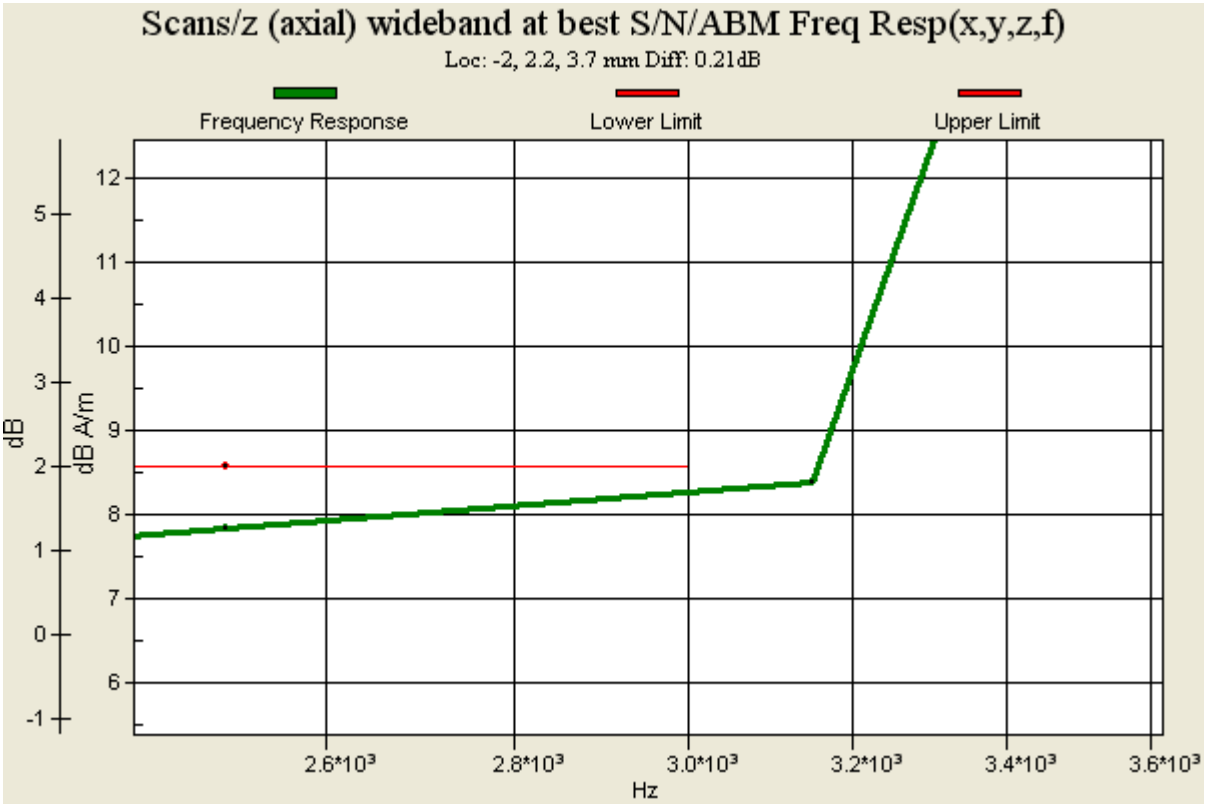
DASY4 Configuration:
- Probe: AM1DV2 - 1038; ; Calibrated: 2010/1/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

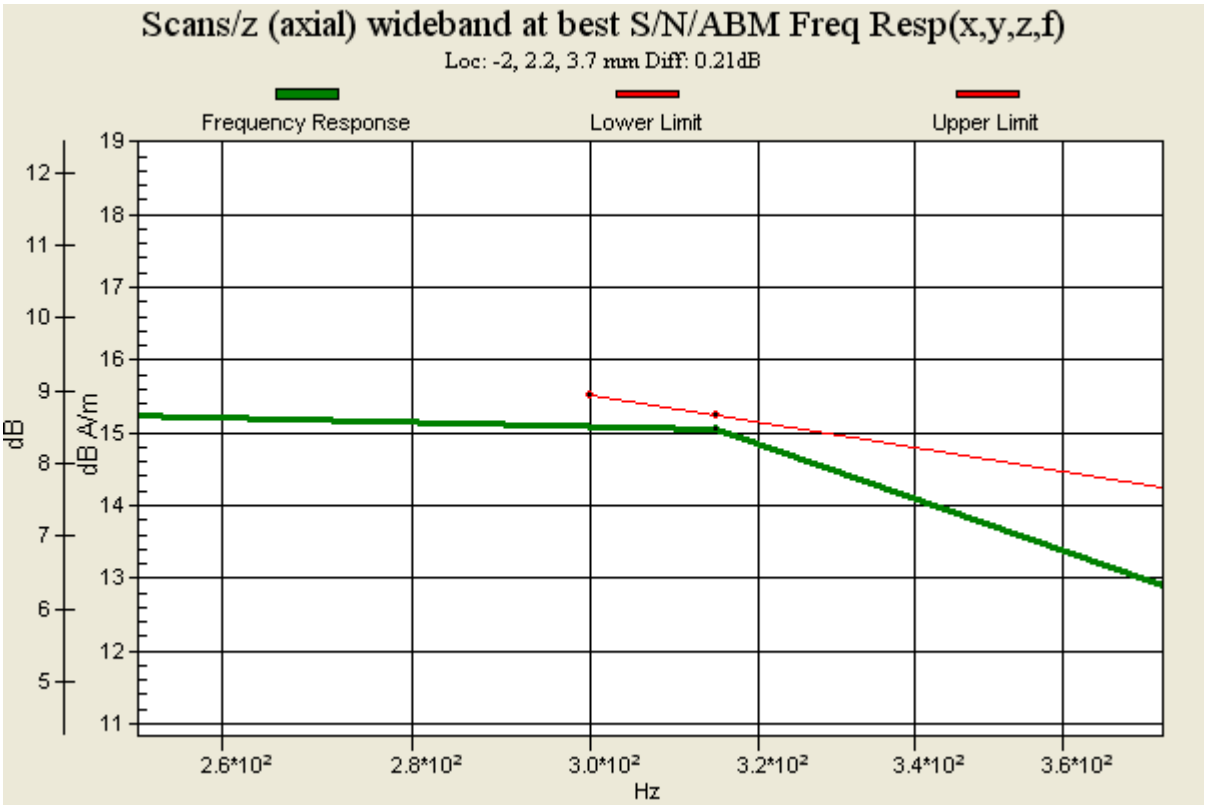
Scans/z (axial) fine 2mm 8 x 8/ABM SNR(x,y,z) (5x5x1):

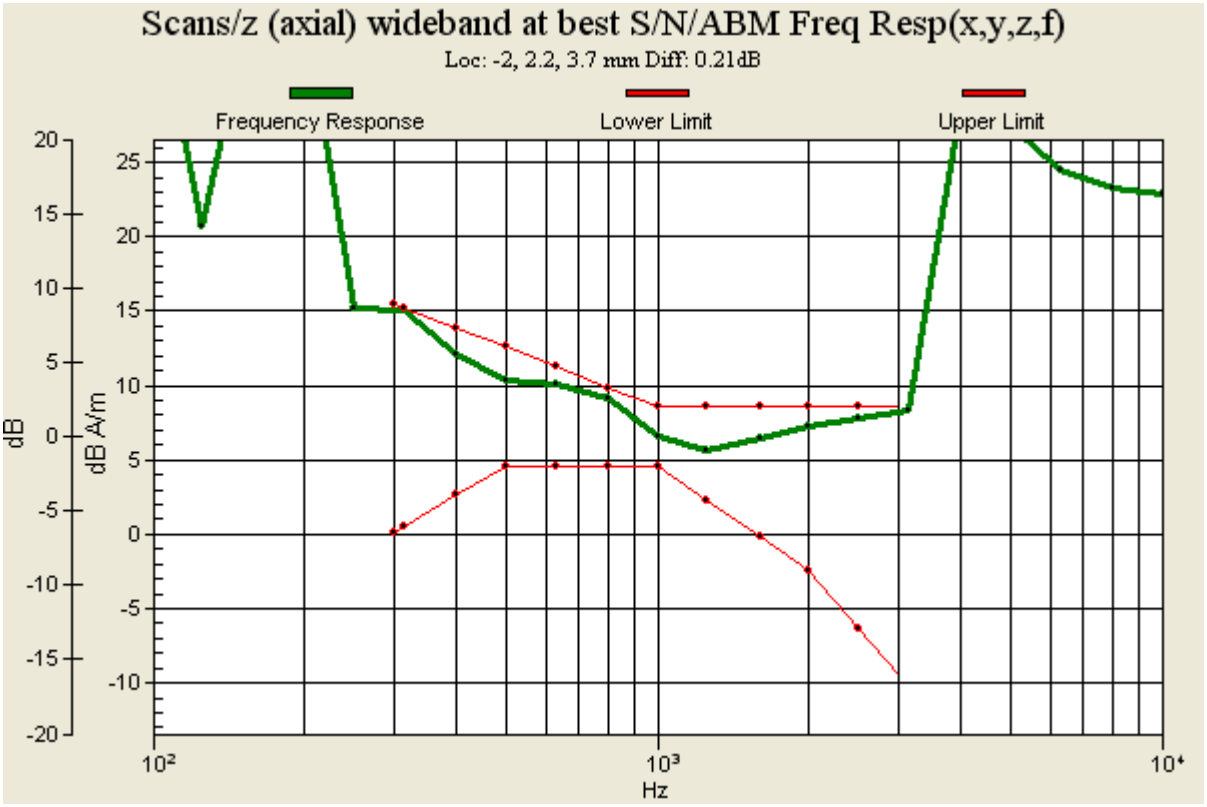
ABM1/ABM2 = 27.4 dB
ABM1 comp = 11.2 dB A/m
Location: -2, 2.2, 3.7 mm



0 dB = 1.00A/m


Scans/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)
Loc: -2, 2.2, 3.7 mm Diff: 0.21dB
Frequency Response
Lower Limit
Upper Limit
dB
dB A/m
2.6*10³
2.8*10³
3.0*10³
3.2*10³
3.4*10³
3.6*10³
Hz


Scans/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)
Loc: -2, 2.2, 3.7 mm Diff: 0.21dB
Frequency Response
Lower Limit
Upper Limit
dB
dB A/m
2.6*10²
2.8*10²
3.0*10²
3.2*10²
3.4*10²
3.6*10²
Hz


Scans/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)
Loc: -2, 2.2, 3.7 mm Diff: 0.21dB
Frequency Response
Lower Limit
Upper Limit
dB
dB A/m
Hz
20
15
10
5
0
-5
-10
-15
-20
25
20
15
10
5
0
-5
-10
10^2
10^3
10^4

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2010/11/28

#05 T-Coil_GSM1900_GSM_Ch661_Battery 1_Radial 1 (X)

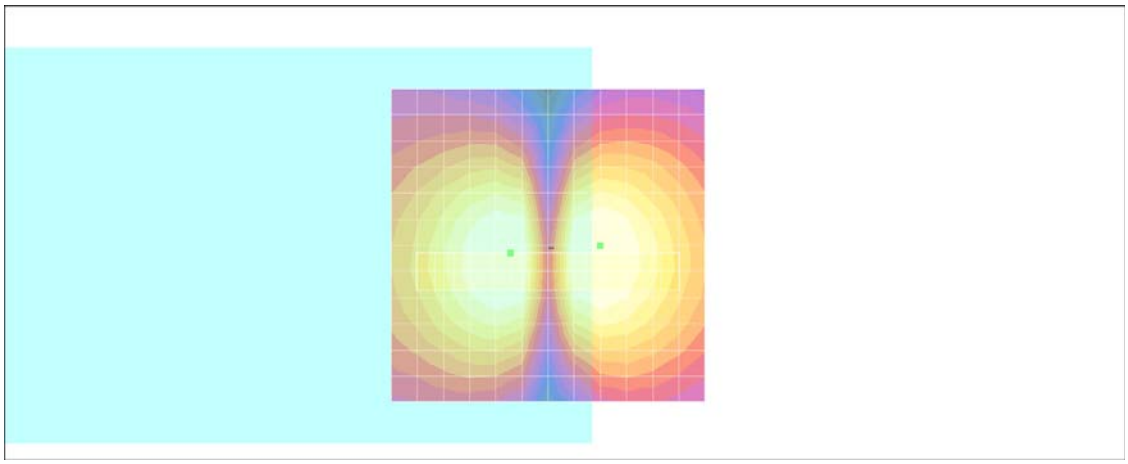
DUT: 081915-07

Communication System: PCS; Frequency: 1880 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：22.6 ℃

DASY4 Configuration:
- Probe: AM1DV2 - 1038; ; Calibrated: 2010/1/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- 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 = 32.9 dB
ABM1 comp = 2.05 dB A/m
Location: 6, 1.2, 3.7 mm



0 dB = 1.00A/m

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2010/11/28

#05 T-Coil_GSM1900_GSM_Ch661_Battery 1_Radial 2 (Y)

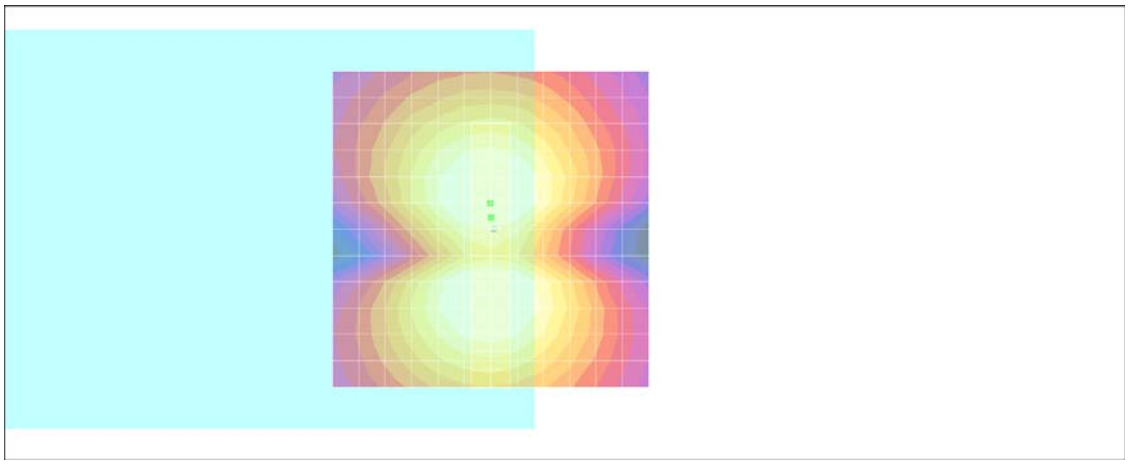
DUT: 081915-07

Communication System: PCS; Frequency: 1880 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：22.6 ℃

DASY4 Configuration:
- Probe: AM1DV2 - 1038; ; Calibrated: 2010/1/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- 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 = 36.0 dB
ABM1 comp = 1.96 dB A/m
Location: 0, -1.8, 3.7 mm



0 dB = 1.00A/m

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2010/11/28

#06 T-Coil_GSM1900_GSM_Ch512_Battery 1_Axial (Z)

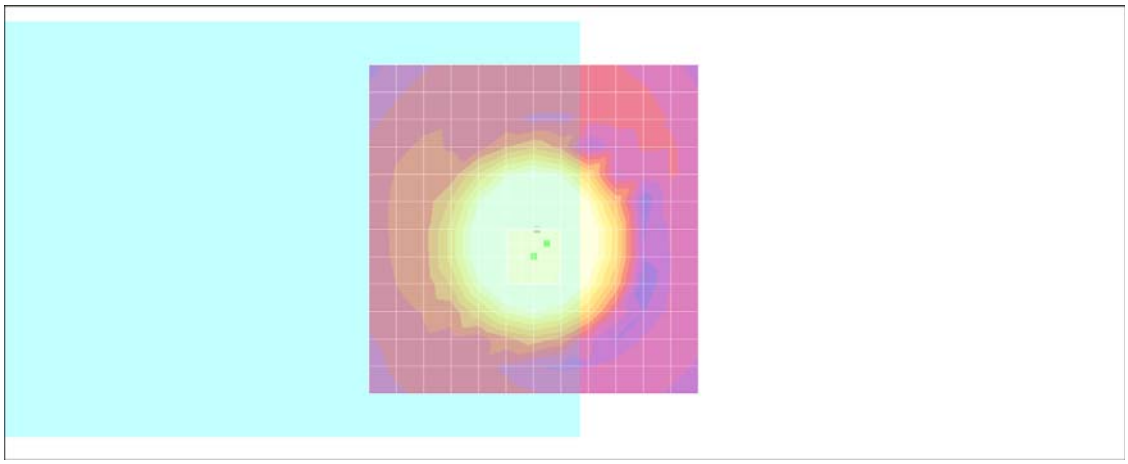
DUT: 081915-07

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 ℃

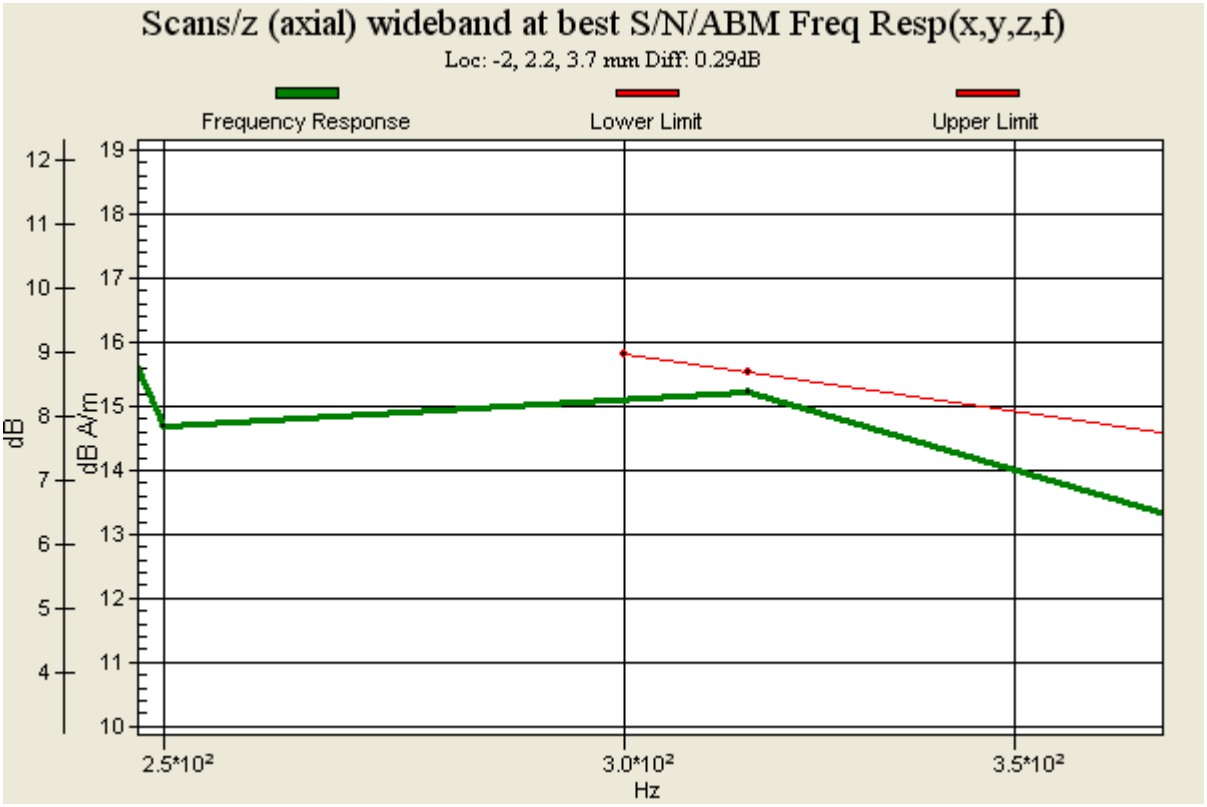
DASY4 Configuration:
- Probe: AM1DV2 - 1038; ; Calibrated: 2010/1/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

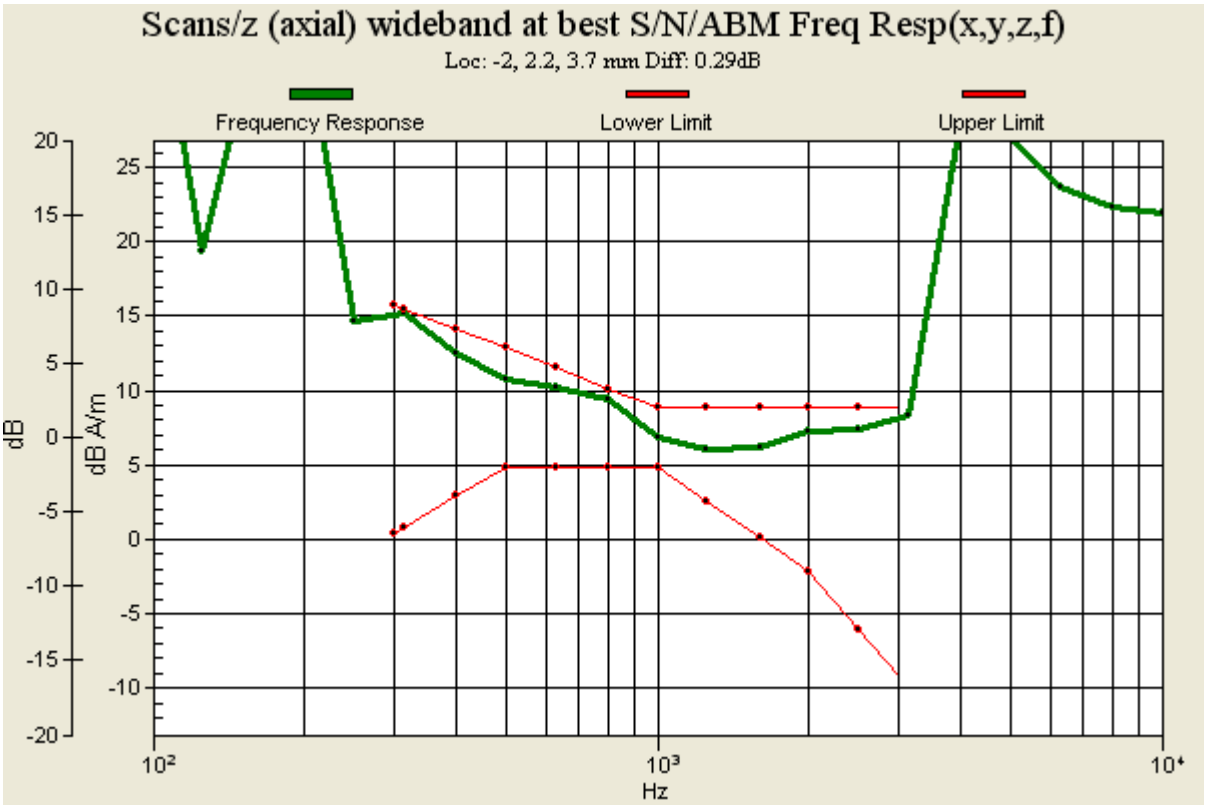
Scans/z (axial) fine 2mm 8 x 8/ABM SNR(x,y,z) (5x5x1):

ABM1/ABM2 = 26.4 dB
ABM1 comp = 11.1 dB A/m
Location: -2, 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: -2, 2.2, 3.7 mm Diff: 0.29dB
Frequency Response
Lower Limit
Upper Limit
dB
dB A/m
2.5*10²
3.0*10²
3.5*10²
Hz


Scans/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)
Loc: -2, 2.2, 3.7 mm Diff: 0.29dB
Frequency Response
Lower Limit
Upper Limit
dB
dB A/m
10²
10³
10⁴
Hz

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2010/11/28

#06 T-Coil_GSM1900_GSM_Ch512_Battery 1_Radial 1 (X)

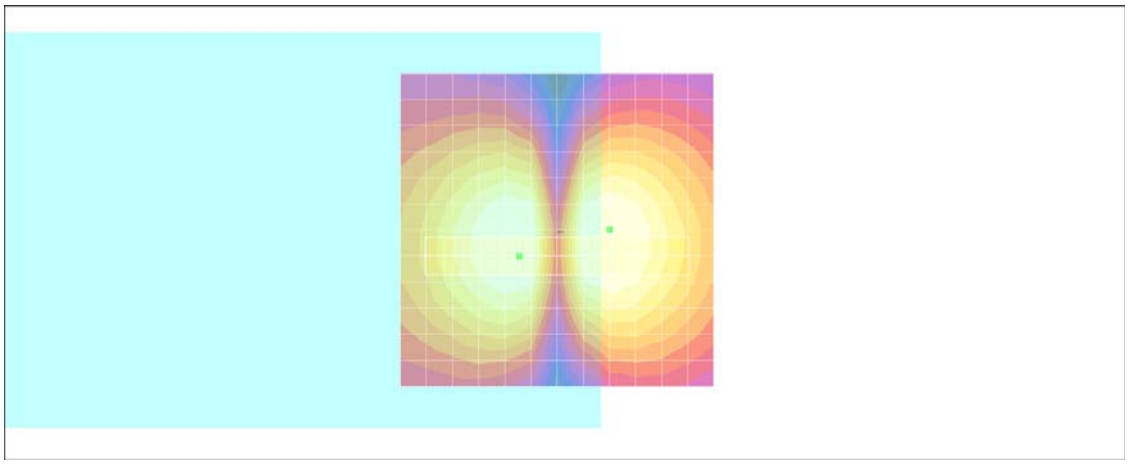
DUT: 081915-07

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：22.6 ℃

DASY4 Configuration:
- Probe: AM1DV2 - 1038; ; Calibrated: 2010/1/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- 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 = 36.1 dB
ABM1 comp = 2.09 dB A/m
Location: 6, 4.2, 3.7 mm



0 dB = 1.00A/m

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2010/11/28

#06 T-Coil_GSM1900_GSM_Ch512_Battery 1_Radial 2 (Y)

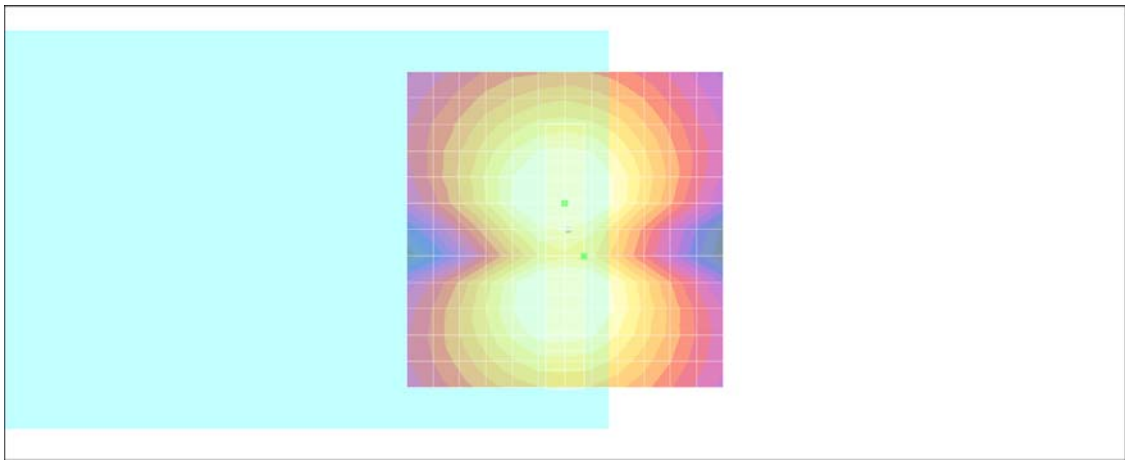
DUT: 081915-07

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：22.6 ℃

DASY4 Configuration:
- Probe: AM1DV2 - 1038; ; Calibrated: 2010/1/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- 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 = 36.4 dB
ABM1 comp = -6.40 dB A/m
Location: -3, 4.2, 3.7 mm



0 dB = 1.00A/m

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2010/11/28

#07 T-Coil_GSM1900_GSM_Ch810_Battery 1_Axial (Z)

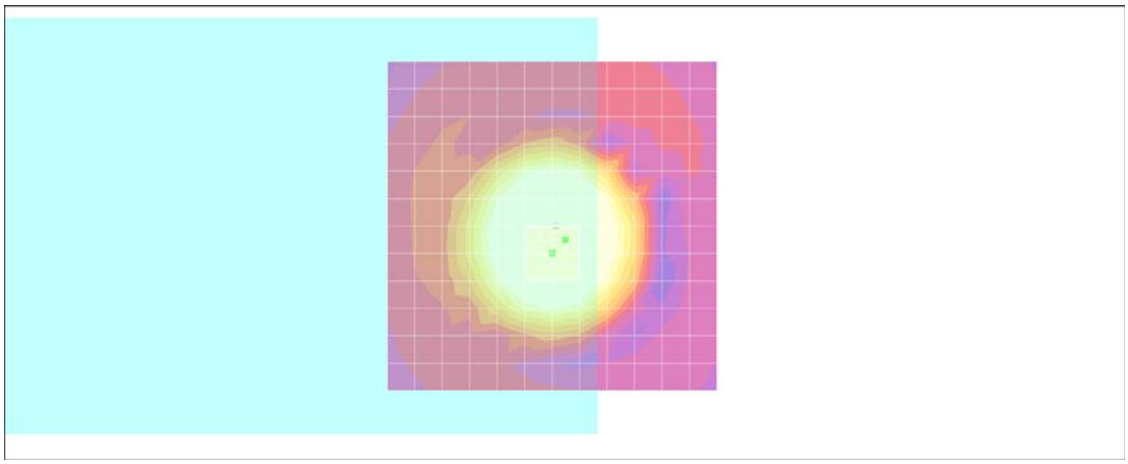
DUT: 081915-07

Communication System: PCS; Frequency: 1909.8 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：22.5 ℃

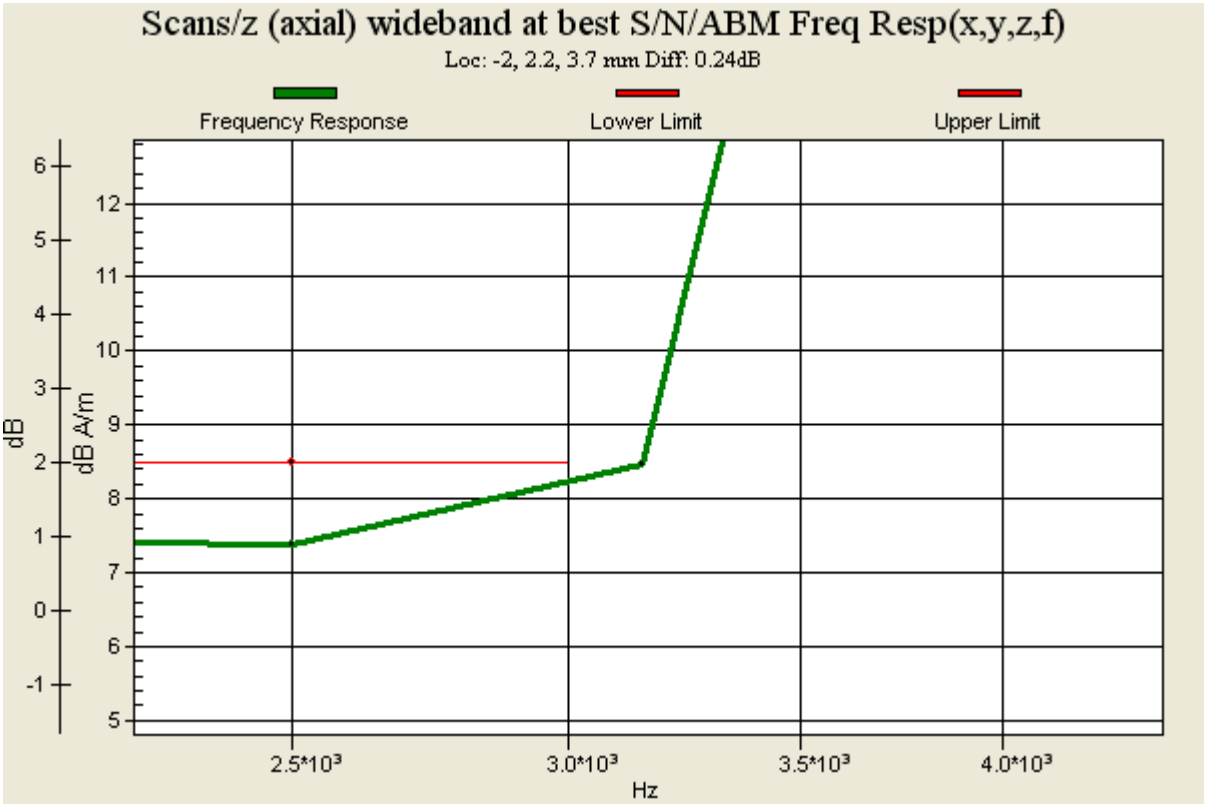
DASY4 Configuration:
- Probe: AM1DV2 - 1038; ; Calibrated: 2010/1/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

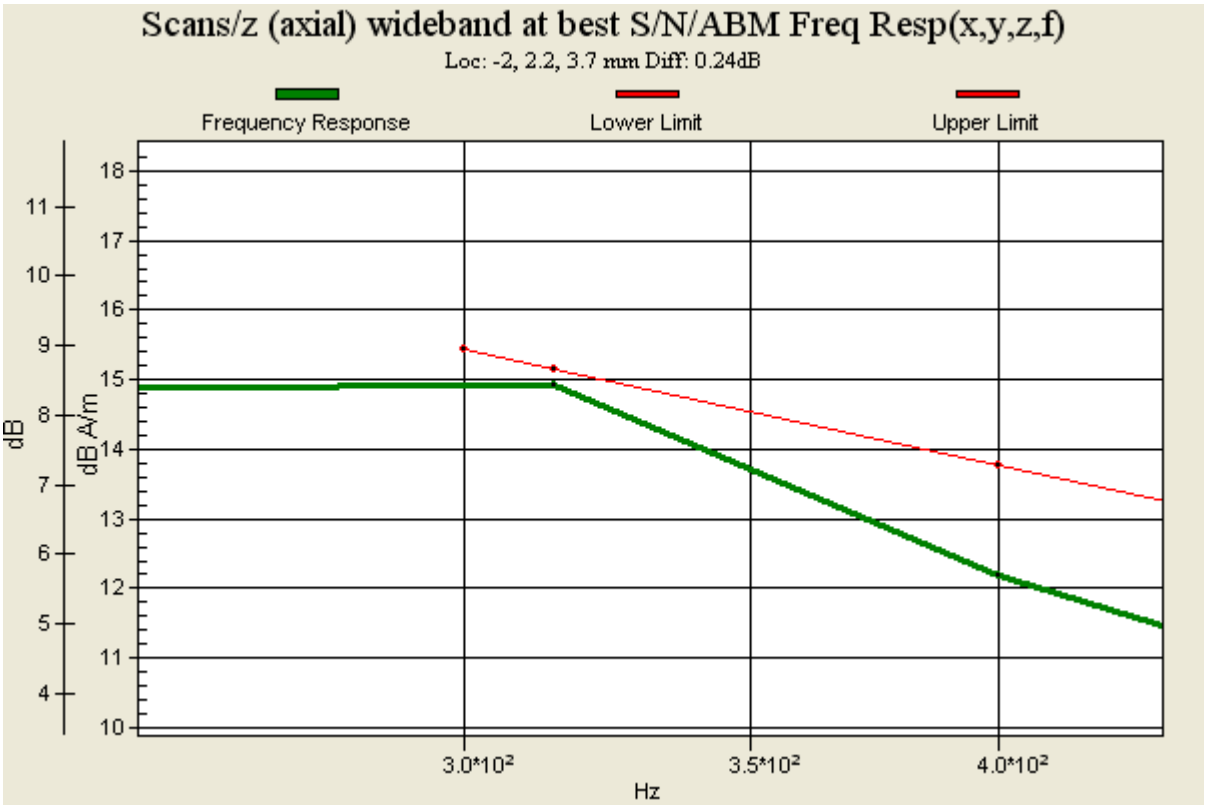
Scans/z (axial) fine 2mm 8 x 8/ABM SNR(x,y,z) (5x5x1):

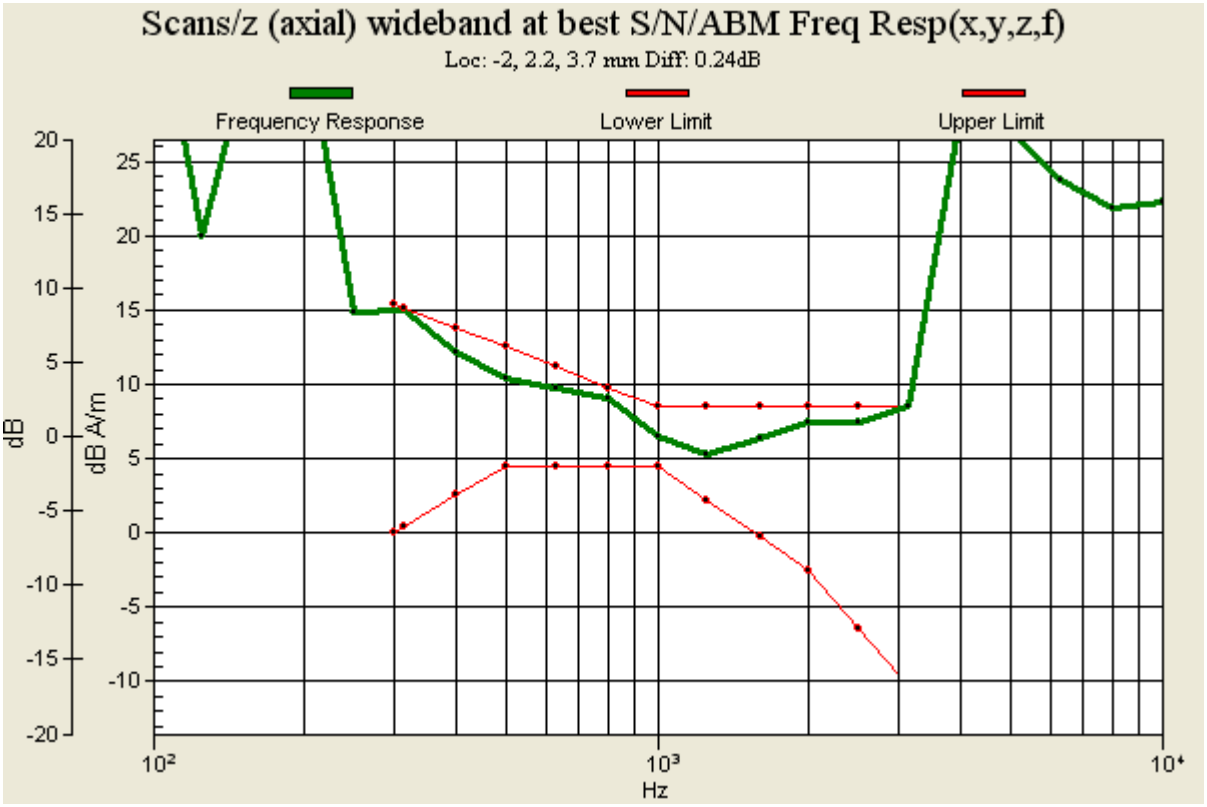
ABM1/ABM2 = 27.3 dB
ABM1 comp = 11.0 dB A/m
Location: -2, 2.2, 3.7 mm



0 dB = 1.00A/m


Scans/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)
Loc: -2, 2.2, 3.7 mm Diff: 0.24dB
Frequency Response
Lower Limit
Upper Limit
dB
dB A/m
2.5*10³
3.0*10³
3.5*10³
4.0*10³
Hz


Scans/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)
Loc: -2, 2.2, 3.7 mm Diff: 0.24dB
Frequency Response
Lower Limit
Upper Limit
dB
dB A/m
3.0*10²
3.5*10²
4.0*10²
Hz


Scans/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)
Loc: -2, 2.2, 3.7 mm Diff: 0.24dB
Frequency Response
Lower Limit
Upper Limit
dB
dB A/m
Hz
20
15
10
5
0
-5
-10
-15
-20
25
20
15
10
5
0
-5
-10
10^2
10^3
10^4

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2010/11/28

#07 T-Coil_GSM1900_GSM_Ch810_Battery 1_Radial 1 (X)

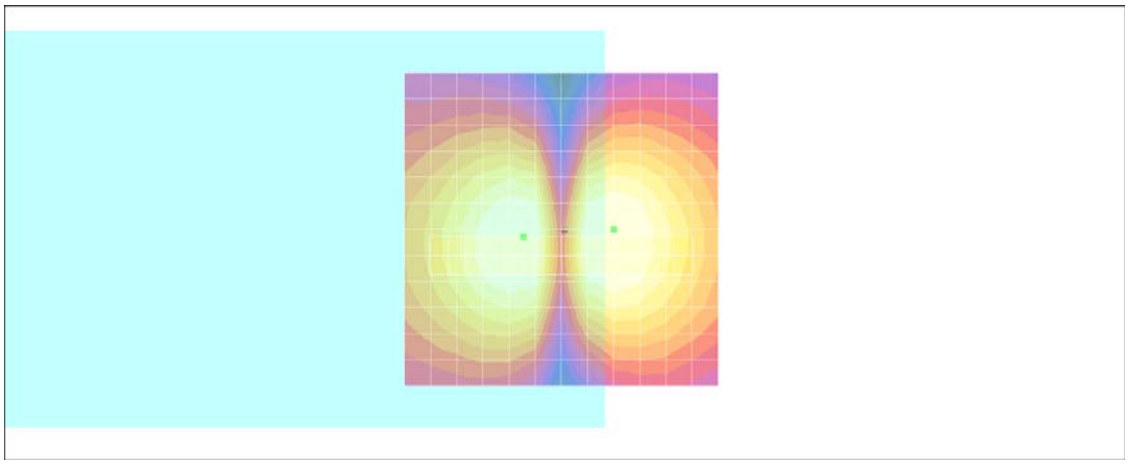
DUT: 081915-07

Communication System: PCS; Frequency: 1909.8 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：22.6 ℃

DASY4 Configuration:
- Probe: AM1DV2 - 1038; ; Calibrated: 2010/1/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- 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 = 36.8 dB
ABM1 comp = 2.03 dB A/m
Location: 6, 1.2, 3.7 mm



0 dB = 1.00A/m

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2010/11/28

#07 T-Coil_GSM1900_GSM_Ch810_Battery 1_Radial 2 (Y)

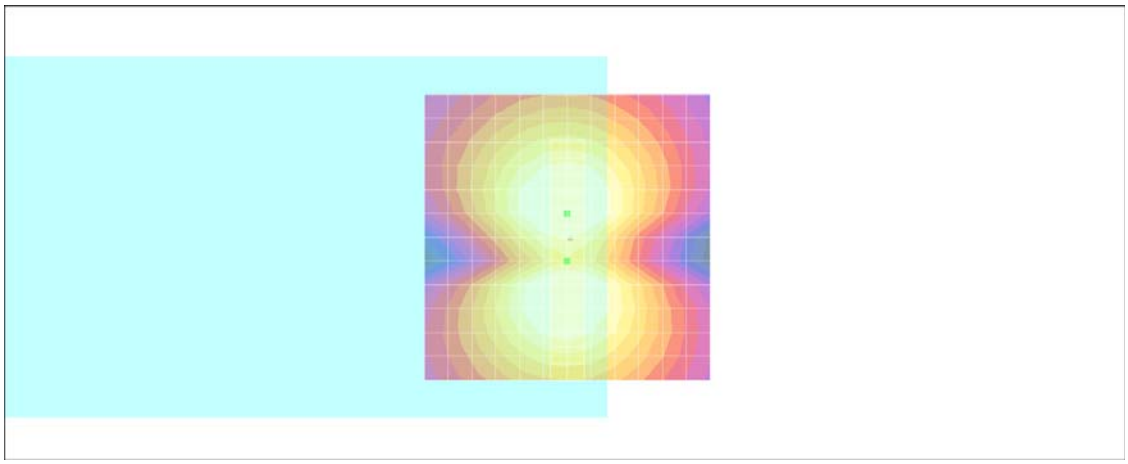
DUT: 081915-07

Communication System: PCS; Frequency: 1909.8 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：22.5 ℃

DASY4 Configuration:
- Probe: AM1DV2 - 1038; ; Calibrated: 2010/1/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- 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 = 36.5 dB
ABM1 comp = -5.68 dB A/m
Location: 0, 4.2, 3.7 mm



0 dB = 1.00A/m

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2010/11/28

#08 T-Coil_GSM1900_GSM_Ch512_Battery 2_Axial (Z)

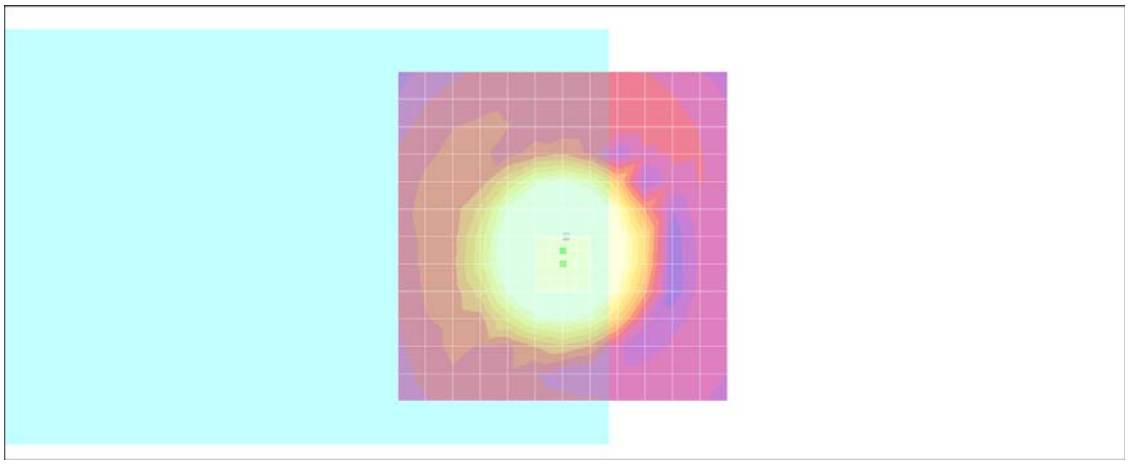
DUT: 081915-07

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 ℃

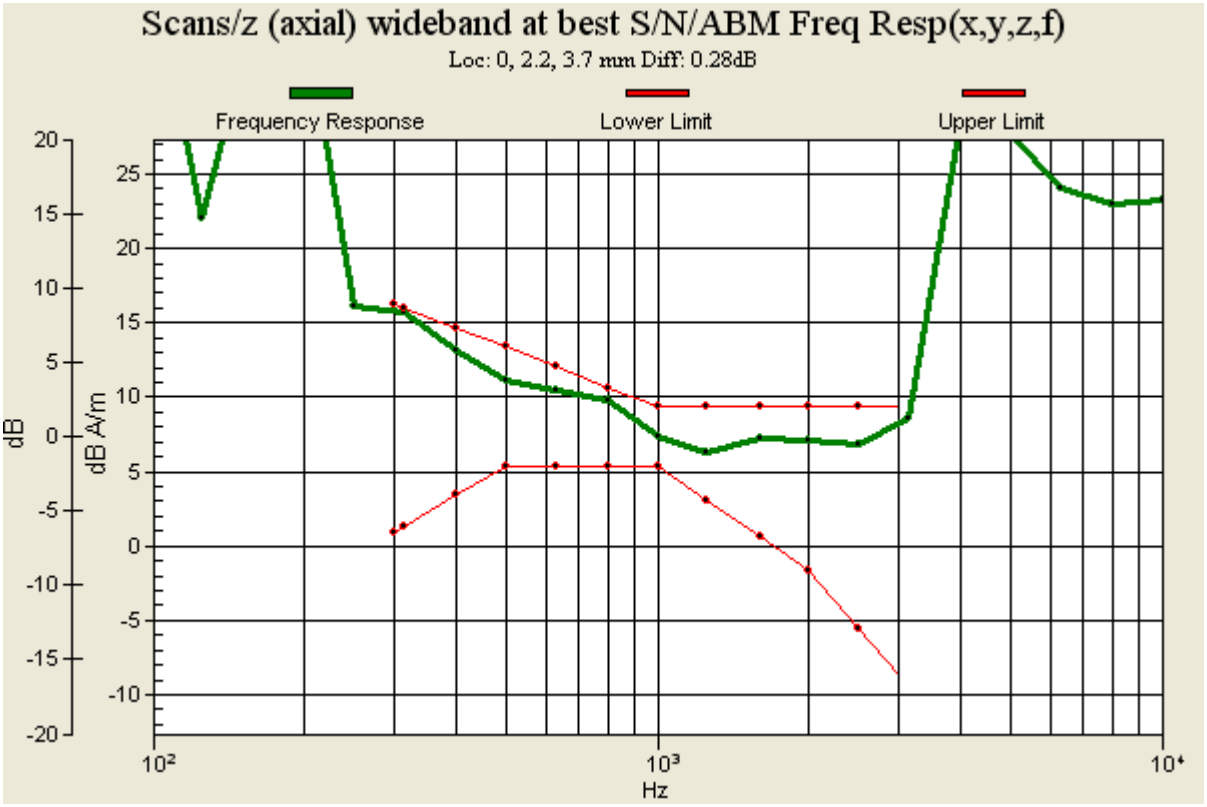
DASY4 Configuration:
- Probe: AM1DV2 - 1038; ; Calibrated: 2010/1/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Scans/z (axial) fine 2mm 8 x 8/ABM SNR(x,y,z) (5x5x1):

ABM1/ABM2 = 25.8 dB
ABM1 comp = 11.9 dB A/m
Location: 0, 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: 0, 2.2, 3.7 mm Diff: 0.28dB
Frequency Response
Lower Limit
Upper Limit
dB
dB A/m
Hz
10²
10³
10⁴

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2010/11/28

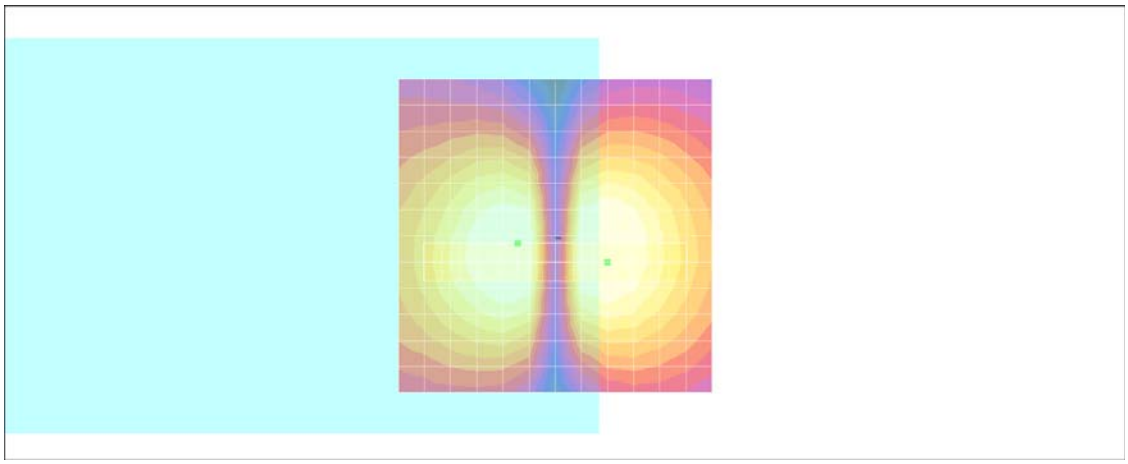
#08 T-Coil_GSM1900_GSM_Ch512_Battery 2_Radial 1 (X)

DUT: 081915-07

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: 2010/1/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- 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 = 36.4 dB
ABM1 comp = 2.26 dB A/m
Location: 6, 1.2, 3.7 mm



0 dB = 1.00A/m

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2010/11/28

#08 T-Coil_GSM1900_GSM_Ch512_Battery 2_Radial 2 (Y)

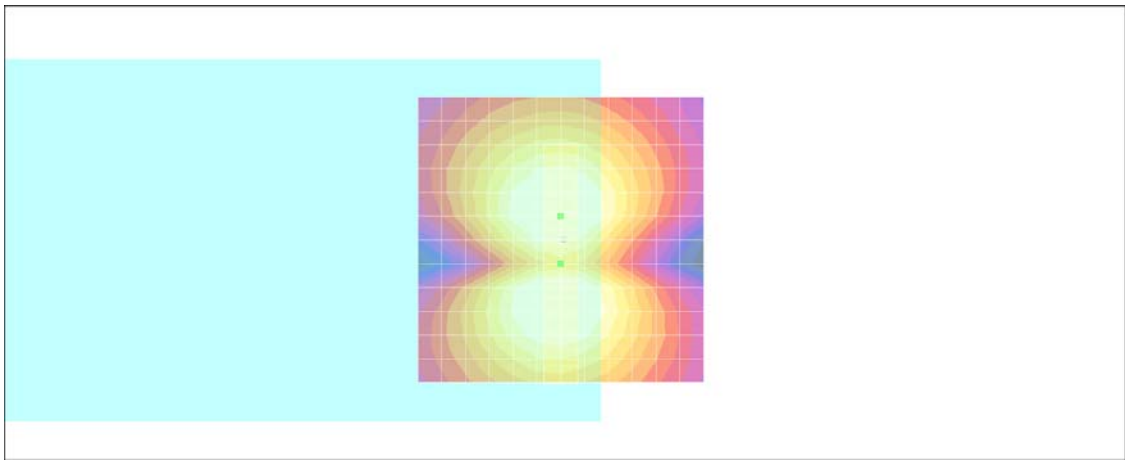
DUT: 081915-07

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：22.6 ℃

DASY4 Configuration:
- Probe: AM1DV2 - 1038; ; Calibrated: 2010/1/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- 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 = 35.2 dB
ABM1 comp = -6.76 dB A/m
Location: 0, 4.2, 3.7 mm



0 dB = 1.00A/m

#13 T-Coil_WCDMA V_Voice_Ch4182_Battery 1_Axial (Z)

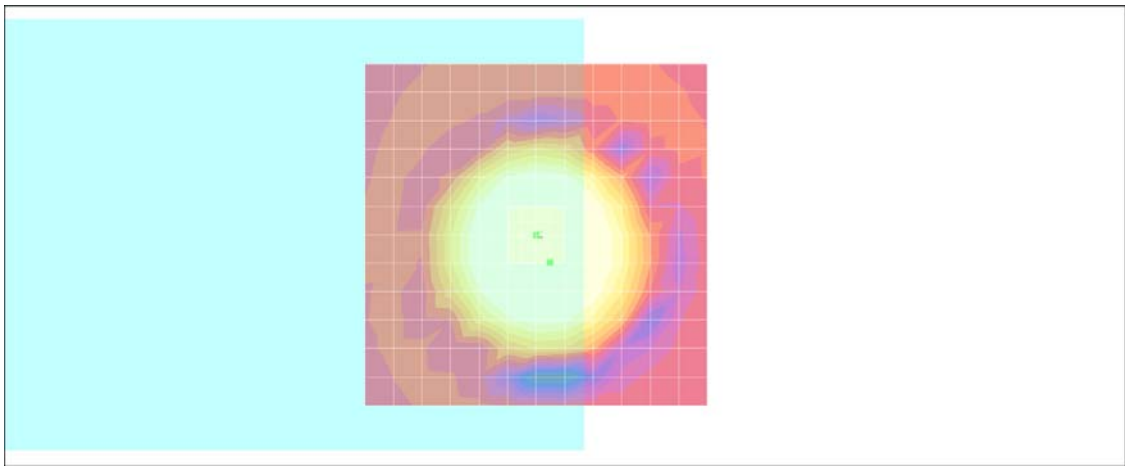
DUT: 081915-07

Communication System: WCDMA; Frequency: 836.4 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 ℃

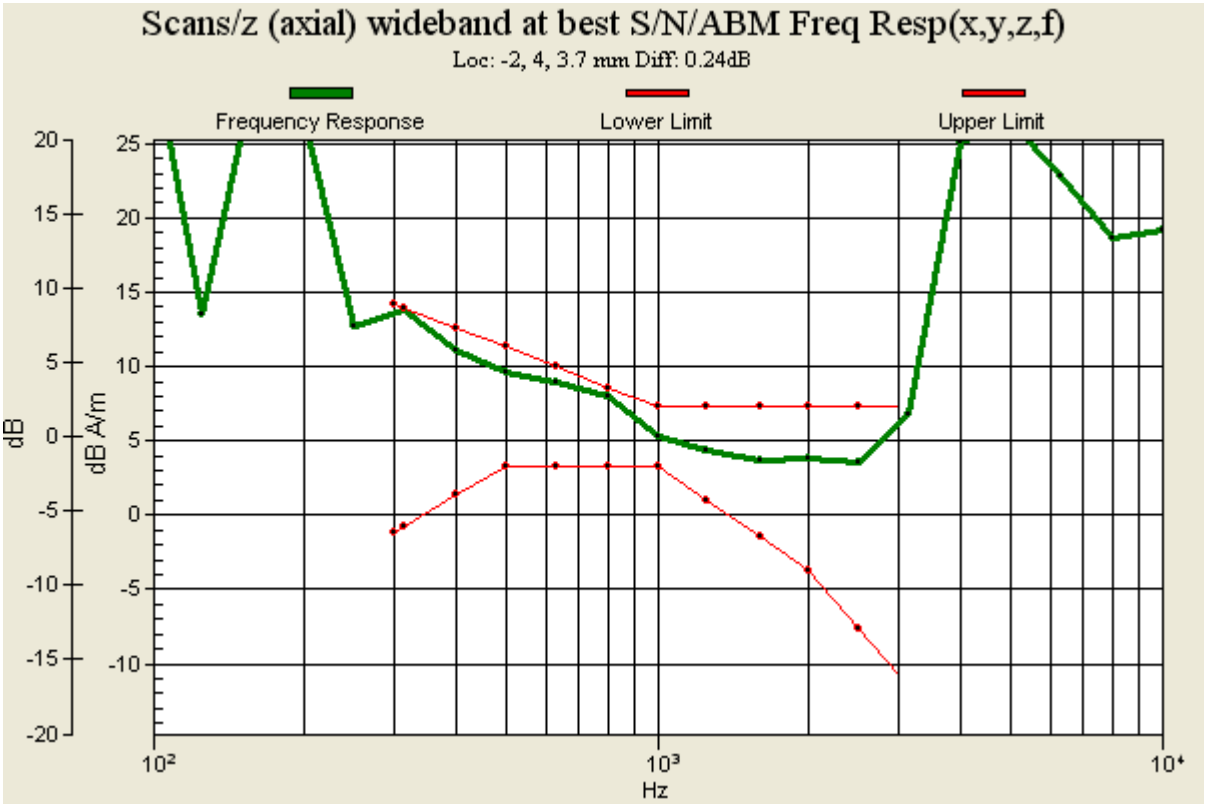
DASY4 Configuration:
- Probe: AM1DV2 - 1038; ; Calibrated: 2010/1/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

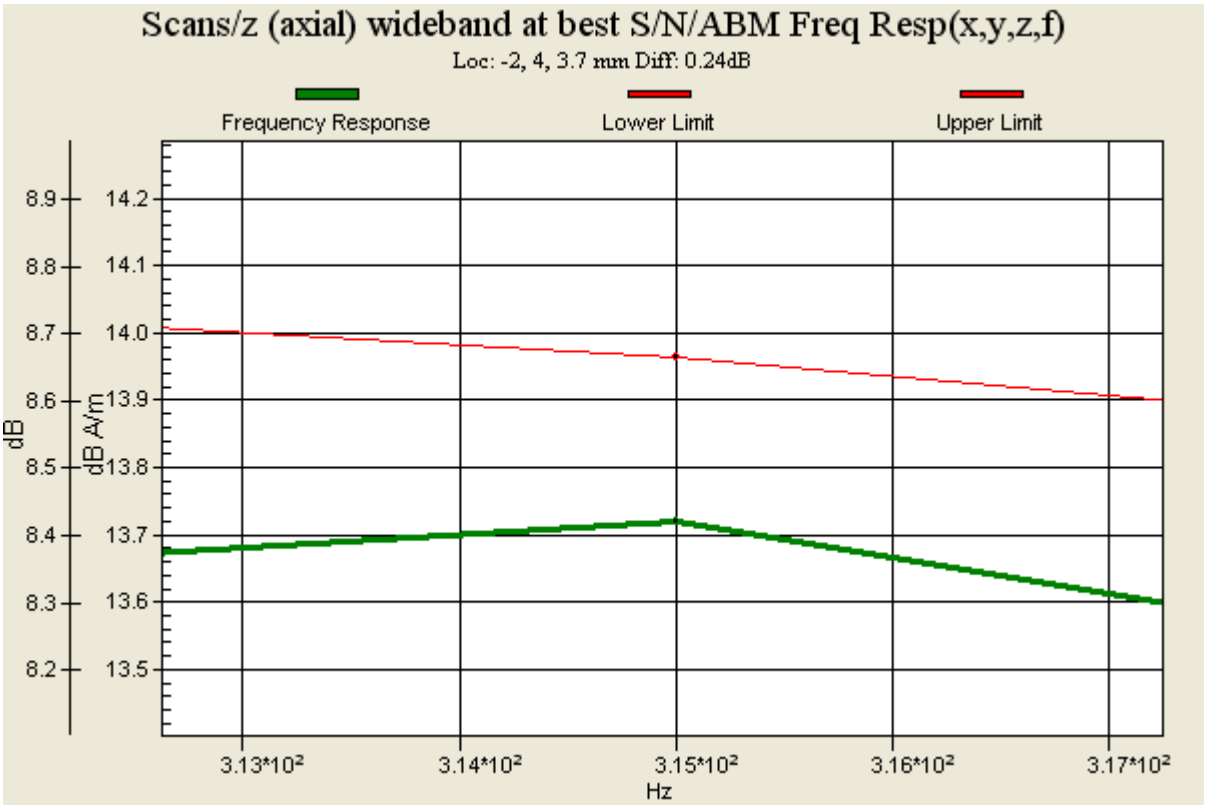
Scans/z (axial) fine 2mm 8 x 8/ABM SNR(x,y,z) (5x5x1):

ABM1/ABM2 = 52.0 dB
ABM1 comp = 10.7 dB A/m
Location: -2, 4, 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, 4, 3.7 mm Diff: 0.24dB
Frequency Response
Lower Limit
Upper Limit
dB
dB A/m
Hz
10²
10³
10⁴


Scans/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)
Loc: -2, 4, 3.7 mm Diff: 0.24dB
Frequency Response
Lower Limit
Upper Limit
dB
dB A/m
Hz
3.13*10²
3.14*10²
3.15*10²
3.16*10²
3.17*10²

#13 T-Coil_WCDMA V_Voice_Ch4182_Battery 1_Radial 1 (X)

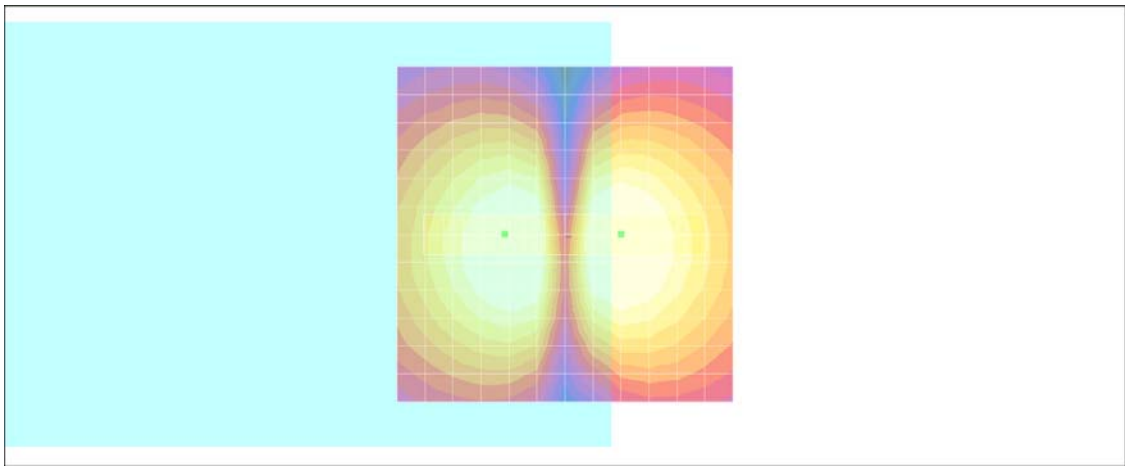
DUT: 081915-07

Communication System: WCDMA; Frequency: 836.4 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: 2010/1/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- 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 = 50.6 dB
ABM1 comp = 2.59 dB A/m
Location: 9, 0, 3.7 mm



0 dB = 1.00A/m

#13 T-Coil_WCDMA V_Voice_Ch4182_Battery 1_Radial 2 (Y)

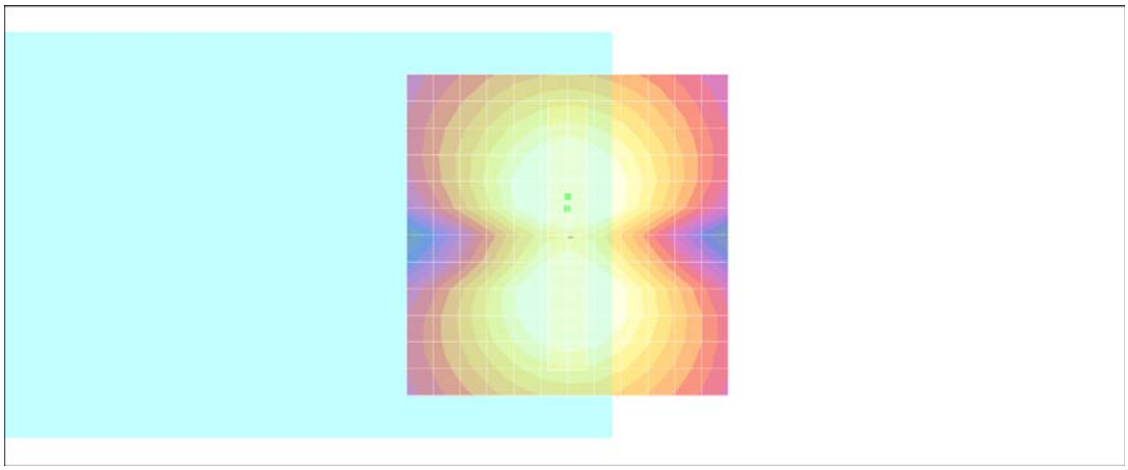
DUT: 081915-07

Communication System: WCDMA; Frequency: 836.4 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: 2010/1/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- 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 = 46.0 dB
ABM1 comp = 4.48 dB A/m
Location: 0, -6, 3.7 mm



0 dB = 1.00A/m

#14 T-Coil_WCDMA V_Voice_Ch4132_Battery 1_Axial (Z)

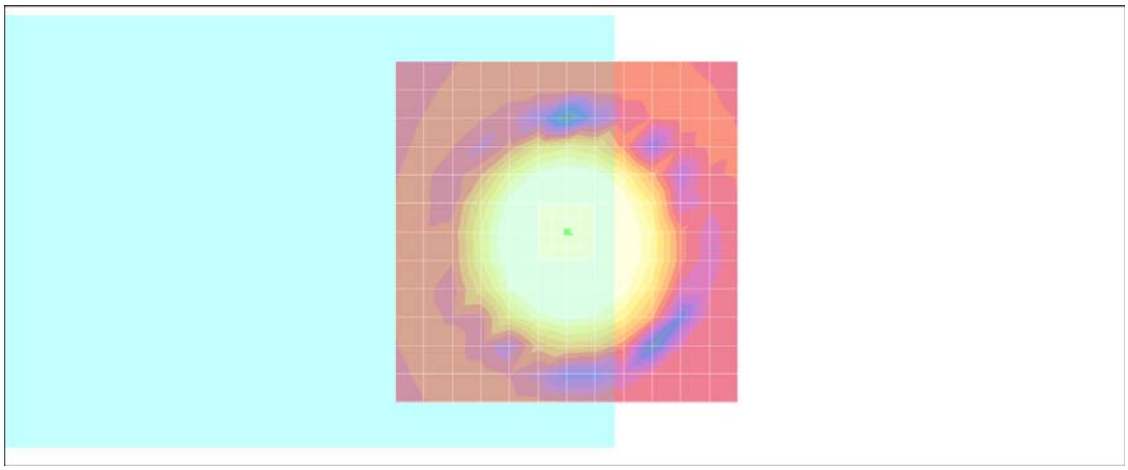
DUT: 081915-07

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：22.5 ℃

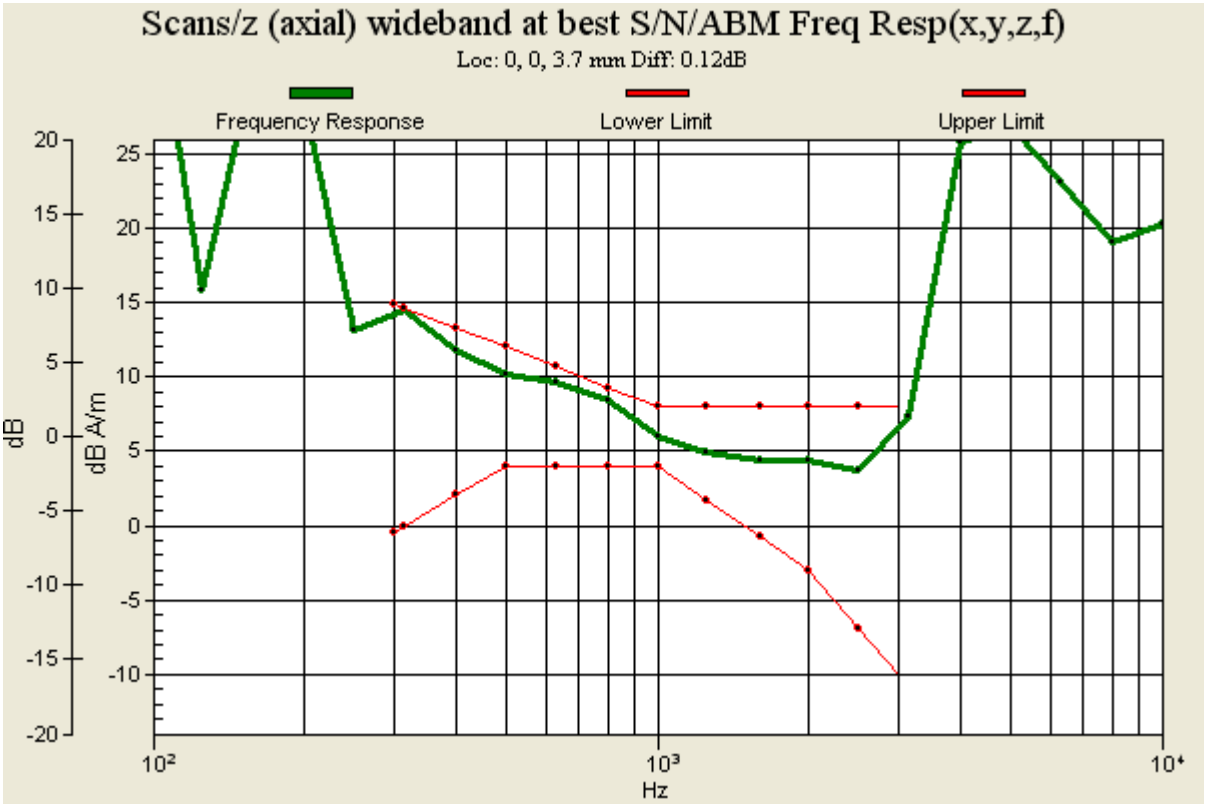
DASY4 Configuration:
- Probe: AM1DV2 - 1038; ; Calibrated: 2010/1/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

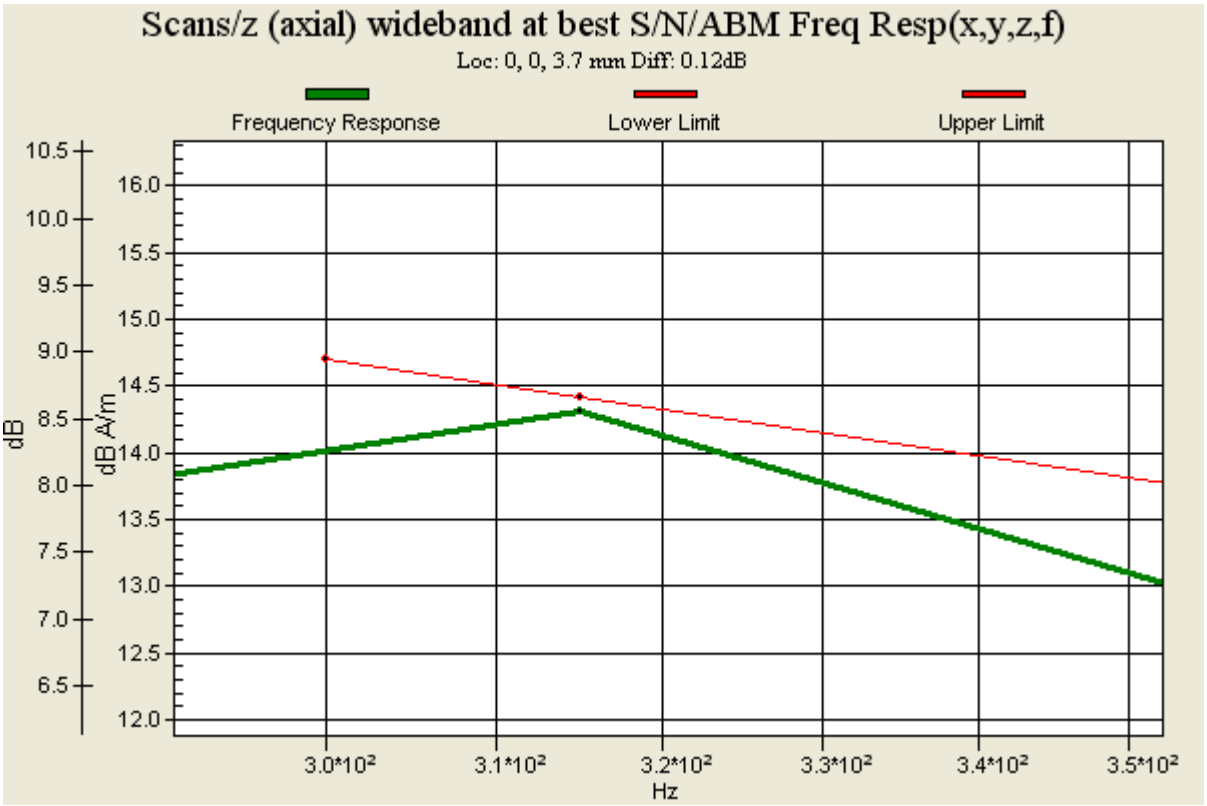
Scans/z (axial) fine 2mm 8 x 8/ABM SNR(x,y,z) (5x5x1):

ABM1/ABM2 = 51.9 dB
ABM1 comp = 11.3 dB A/m
Location: 0, 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: 0, 0, 3.7 mm Diff: 0.12dB
Frequency Response
Lower Limit
Upper Limit
dB
dB A/m
Hz
10²
10³
10⁴


Scans/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)
Loc: 0, 0, 3.7 mm Diff: 0.12dB
Frequency Response
Lower Limit
Upper Limit
dB
dB A/m
Hz
3.0*10²
3.1*10²
3.2*10²
3.3*10²
3.4*10²
3.5*10²

#14 T-Coil_WCDMA V_Voice_Ch4132_Battery 1_Radial 1 (X)

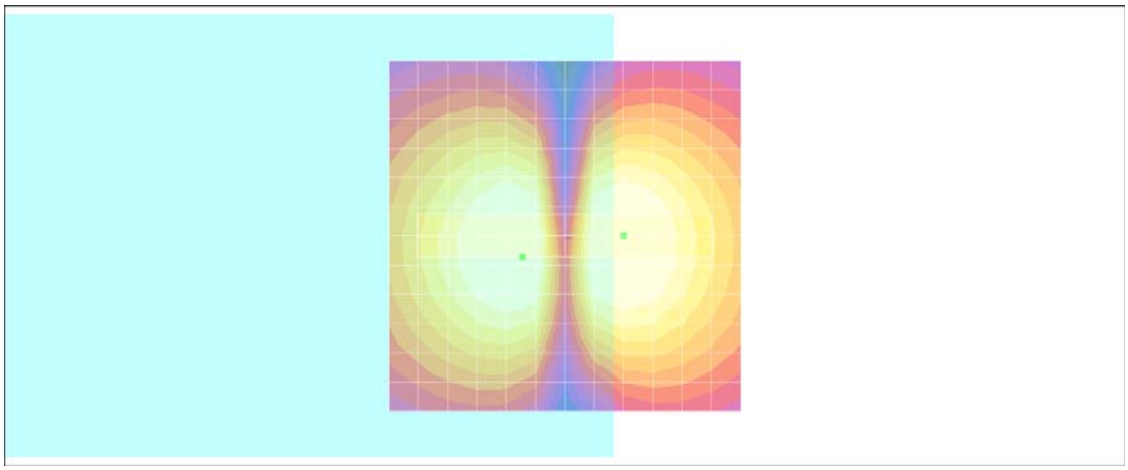
DUT: 081915-07

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：22.5 ℃

DASY4 Configuration:
- Probe: AM1DV2 - 1038; ; Calibrated: 2010/1/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- 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 = 50.2 dB
ABM1 comp = 3.23 dB A/m
Location: 6, 3, 3.7 mm



0 dB = 1.00A/m

#14 T-Coil_WCDMA V_Voice_Ch4132_Battery 1_Radial 2 (Y)

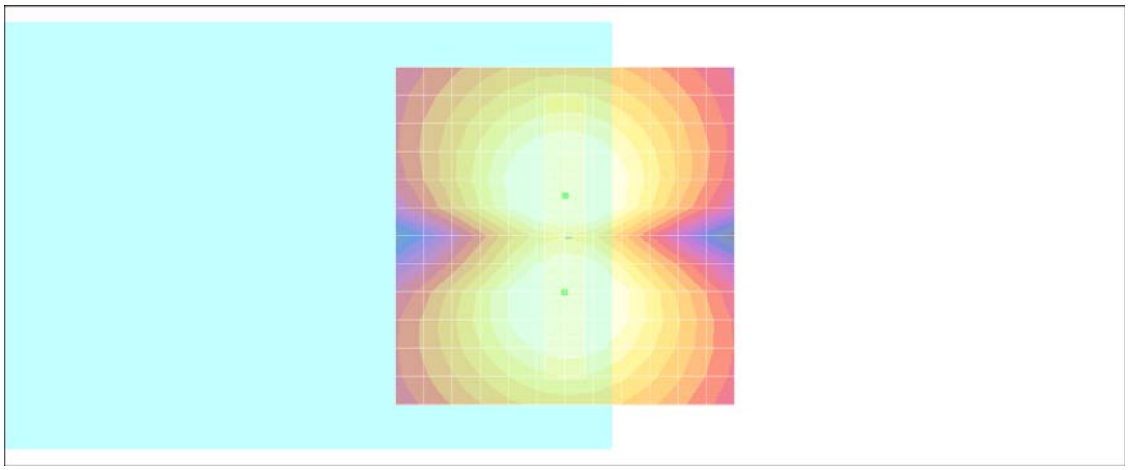
DUT: 081915-07

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：22.5 ℃

DASY4 Configuration:
- Probe: AM1DV2 - 1038; ; Calibrated: 2010/1/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- 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 = 45.9 dB
ABM1 comp = 4.31 dB A/m
Location: 0, -6, 3.7 mm



0 dB = 1.00A/m

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2010/12/1

#15 T-Coil_WCDMA V_Voice_Ch4233_Battery 1_Axial (Z)

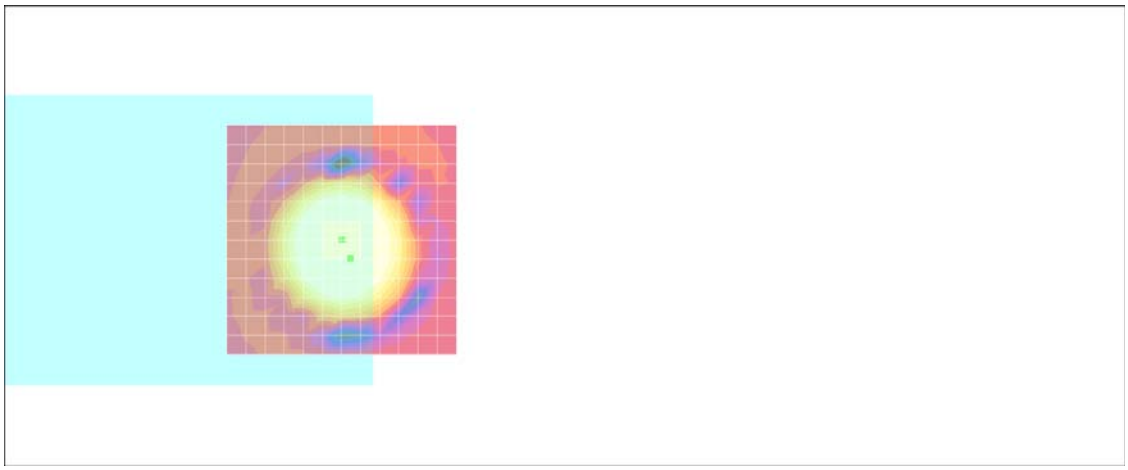
DUT: 081915-07

Communication System: WCDMA; Frequency: 846.6 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℃

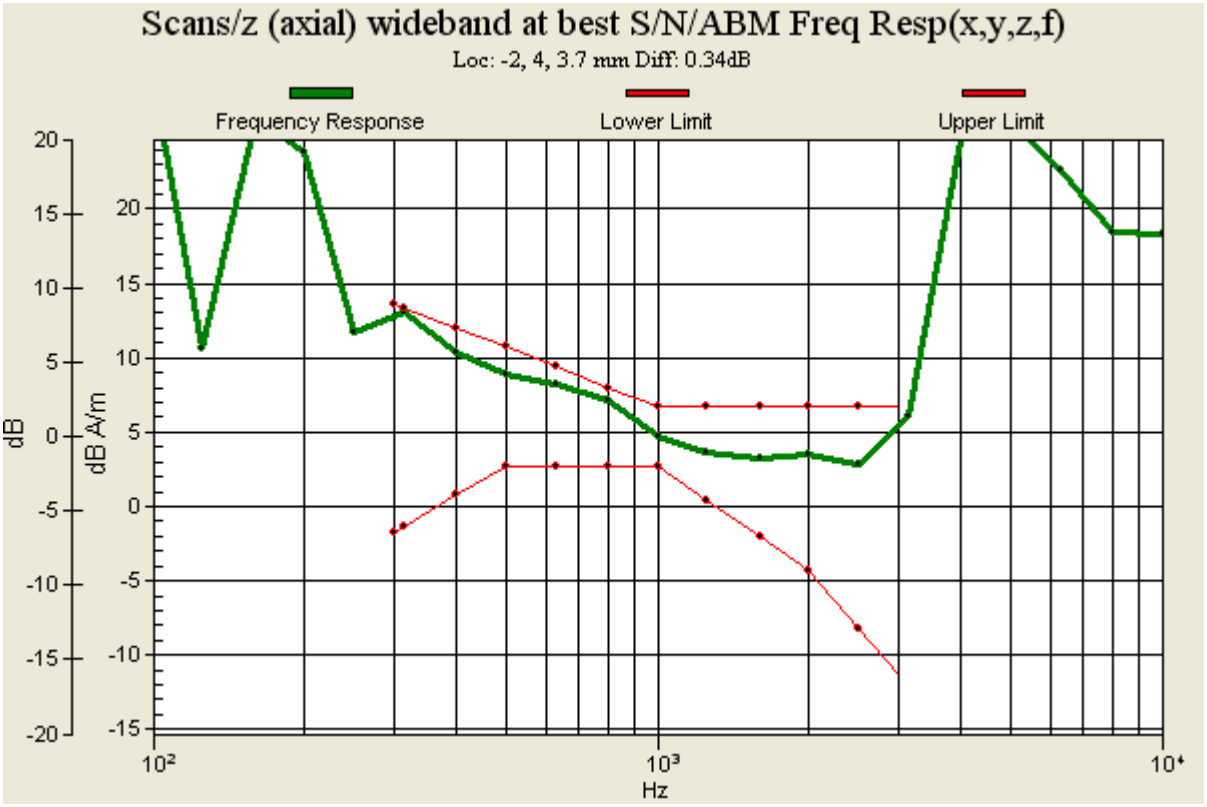
DASY4 Configuration:
- Probe: AM1DV2 - 1038; ; Calibrated: 2010/1/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

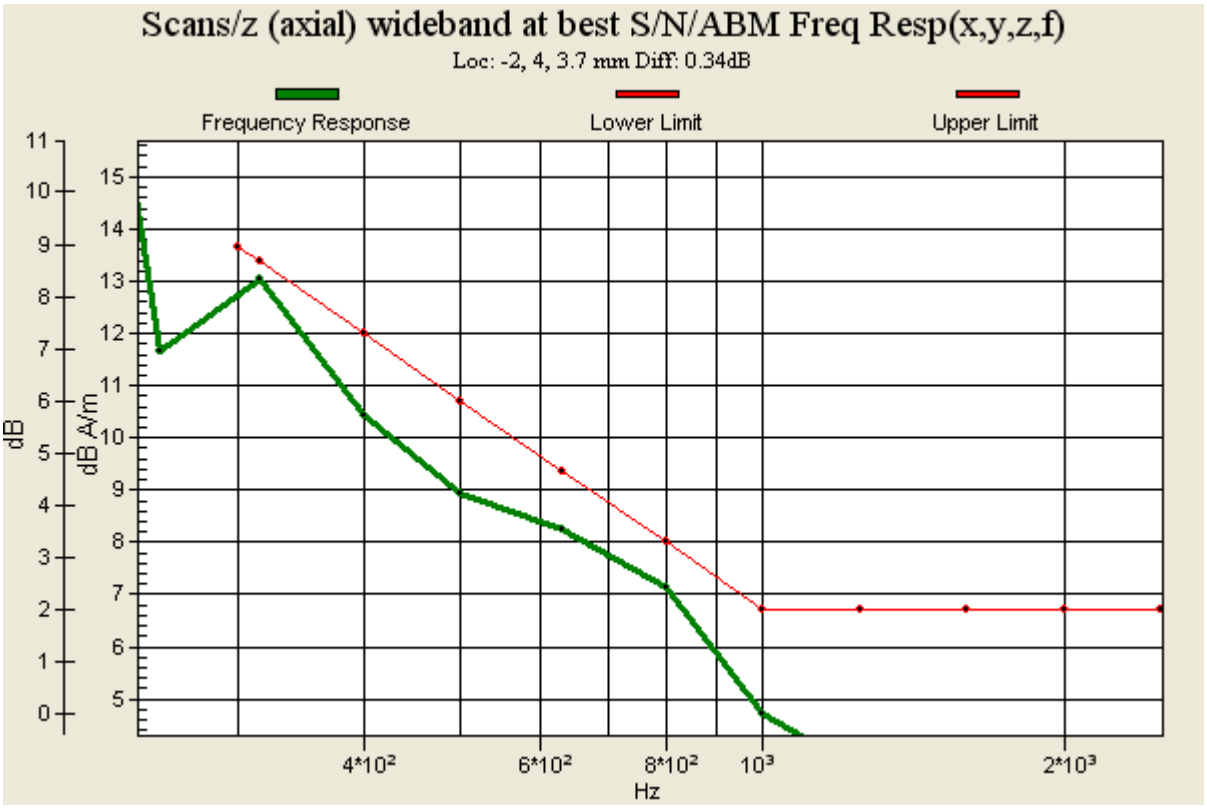
Scans/z (axial) fine 2mm 8 x 8/ABM SNR(x,y,z) (5x5x1):

ABM1/ABM2 = 52.1 dB
ABM1 comp = 9.89 dB A/m
Location: -2, 4, 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, 4, 3.7 mm Diff: 0.34dB
Frequency Response
Lower Limit
Upper Limit
dB
dB A/m
Hz
10²
10³
10⁴


Scans/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)
Loc: -2, 4, 3.7 mm Diff: 0.34dB
Frequency Response
Lower Limit
Upper Limit
dB
dB A/m
Hz
4*10²
6*10²
8*10²
10³
2*10³

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2010/12/1

#15 T-Coil_WCDMA V_Voice_Ch4233_Battery 1_Radial 1 (X)

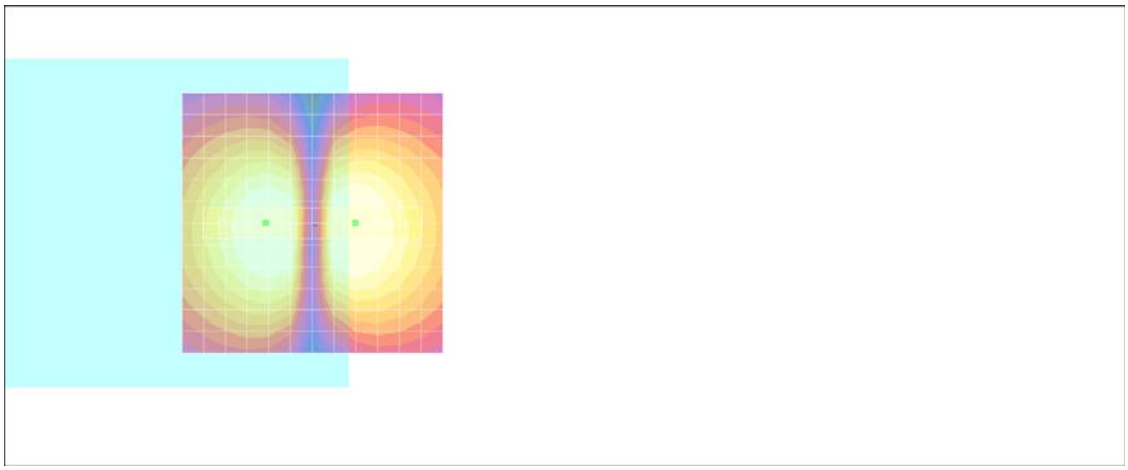
DUT: 081915-07

Communication System: WCDMA; Frequency: 846.6 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: 2010/1/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- 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 = 50.7 dB
ABM1 comp = 2.61 dB A/m
Location: 9, 0, 3.7 mm



0 dB = 1.00A/m

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2010/12/1

#15 T-Coil_WCDMA V_Voice_Ch4233_Battery 1_Radial 2 (Y)

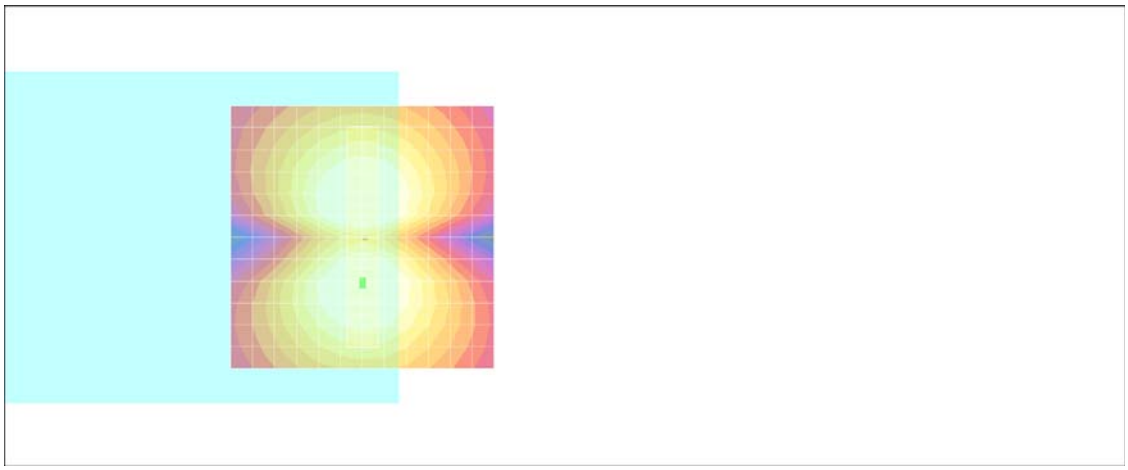
DUT: 081915-07

Communication System: WCDMA; Frequency: 846.6 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: 2010/1/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- 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 = 45.7 dB
ABM1 comp = 3.49 dB A/m
Location: 0, 9, 3.7 mm



0 dB = 1.00A/m

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2010/12/1

#16 T-Coil_WCDMA V_Voice_Ch4233_Battery 2_Axial (Z)

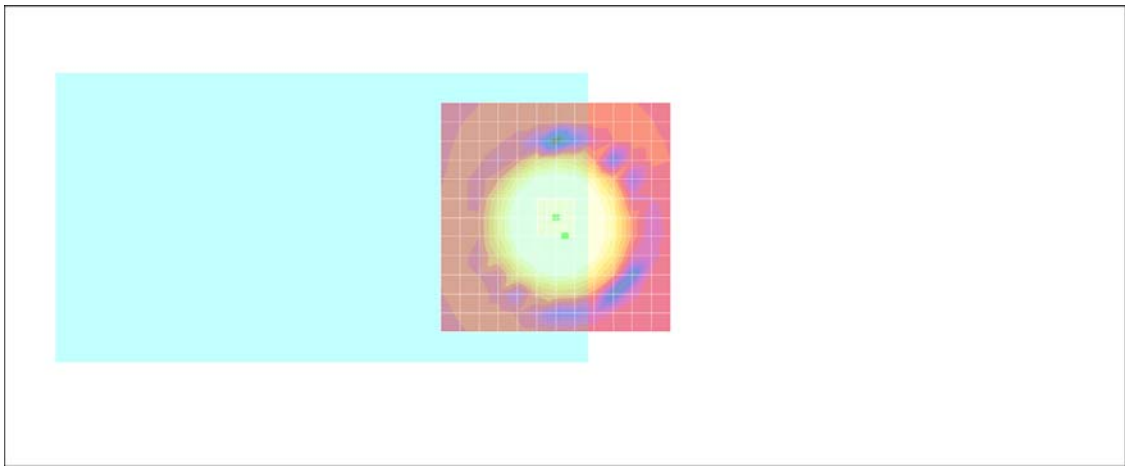
DUT: 081915-07

Communication System: WCDMA; Frequency: 846.6 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 ℃

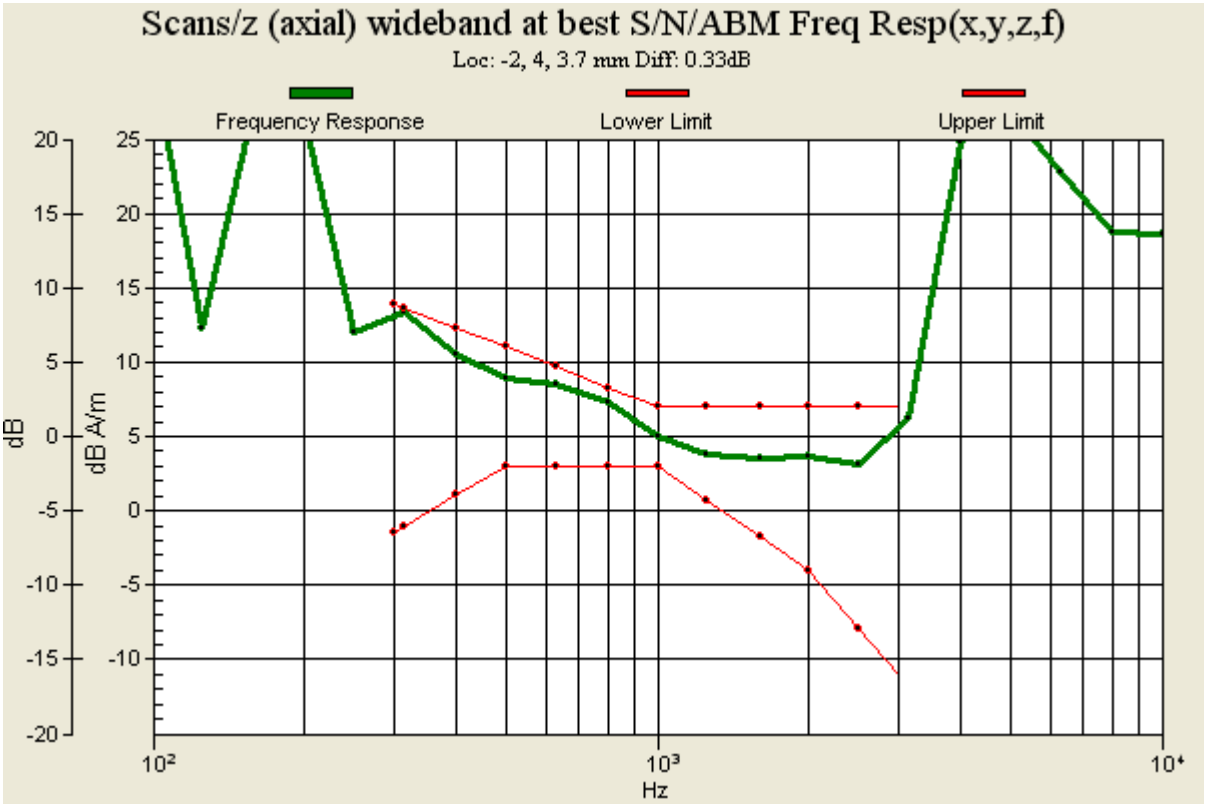
DASY4 Configuration:
- Probe: AM1DV2 - 1038; ; Calibrated: 2010/1/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

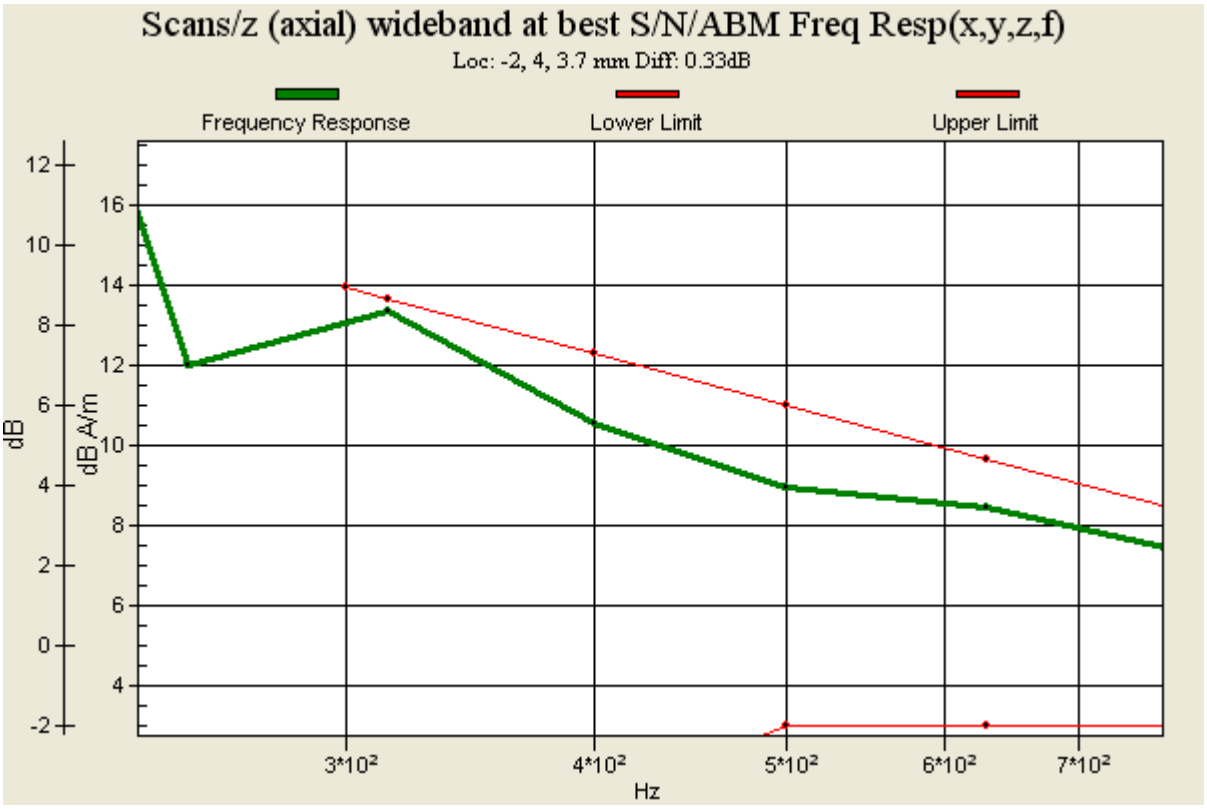
Scans/z (axial) fine 2mm 8 x 8/ABM SNR(x,y,z) (5x5x1):

ABM1/ABM2 = 52.7 dB
ABM1 comp = 10.6 dB A/m
Location: -2, 4, 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, 4, 3.7 mm Diff: 0.33dB
Frequency Response
Lower Limit
Upper Limit
dB
dB A/m
Hz
10²
10³
10⁴


Scans/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)
Loc: -2, 4, 3.7 mm Diff: 0.33dB
Frequency Response
Lower Limit
Upper Limit
dB
dB A/m
Hz
3*10²
4*10²
5*10²
6*10²
7*10²

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2010/12/1

#16 T-Coil_WCDMA V_Voice_Ch4233_Battery 2_Radial 1 (X)

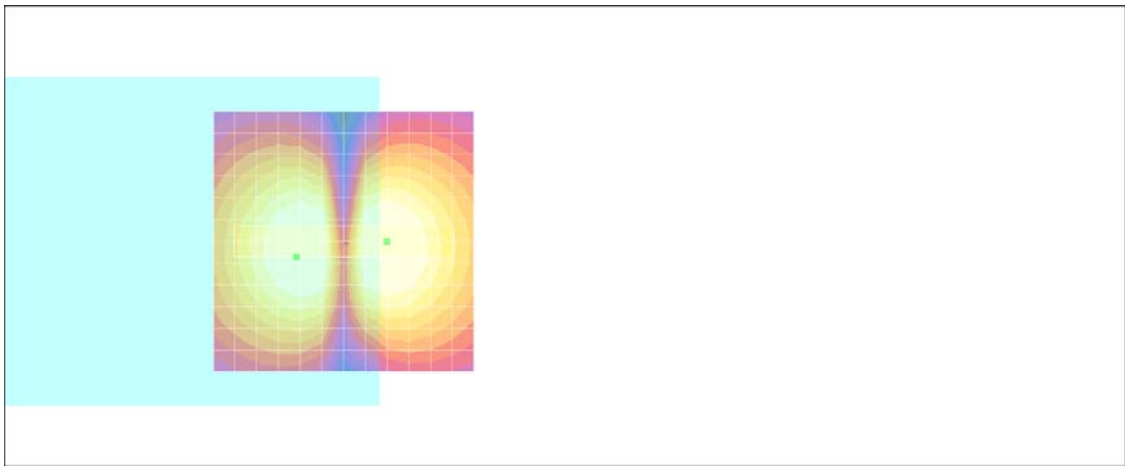
DUT: 081915-07

Communication System: WCDMA; Frequency: 846.6 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: 2010/1/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- 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 = 51.4 dB
ABM1 comp = 2.91 dB A/m
Location: 9, 3, 3.7 mm



0 dB = 1.00A/m

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2010/12/1

#16 T-Coil_WCDMA V_Voice_Ch4233_Battery 2_Radial 2 (Y)

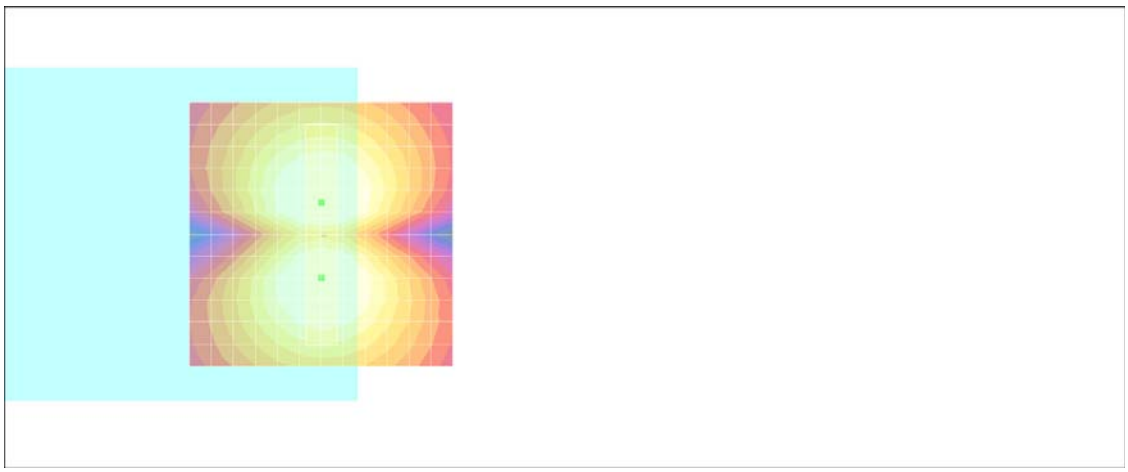
DUT: 081915-07

Communication System: WCDMA; Frequency: 846.6 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: 2010/1/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- 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 = 48.2 dB
ABM1 comp = 4.55 dB A/m
Location: 0, -6, 3.7 mm



0 dB = 1.00A/m

#09 T-Coil_WCDMA II_Voice_Ch9400_Battery 1_Axial (Z)

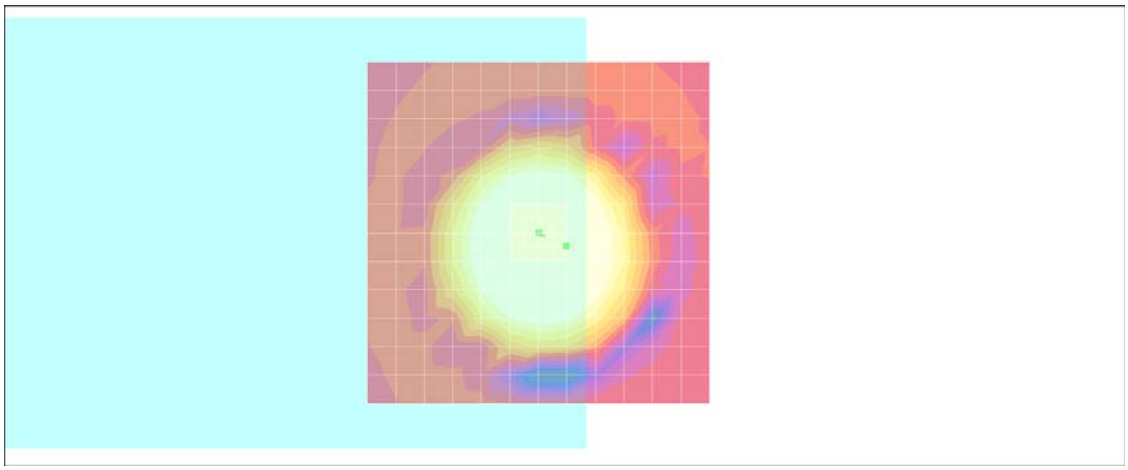
DUT: 081915-07

Communication System: WCDMA; Frequency: 1880 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 ℃

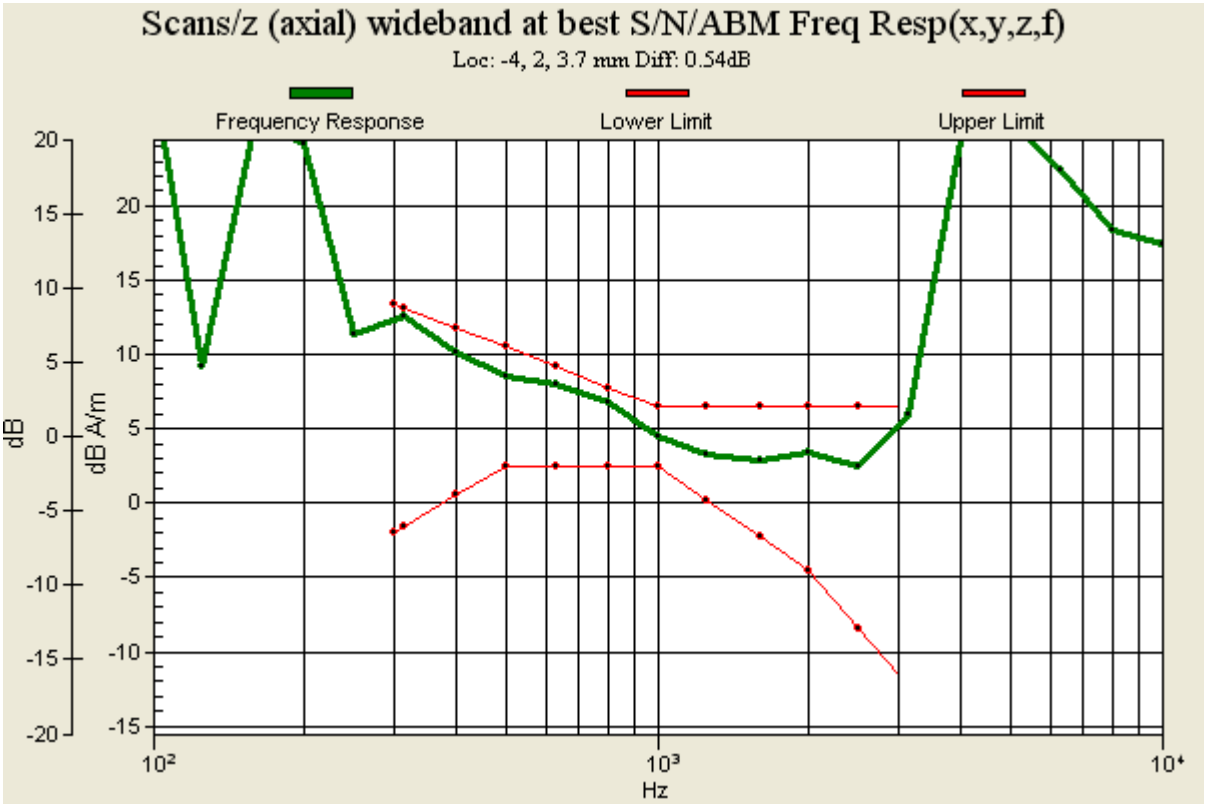
DASY4 Configuration:
- Probe: AM1DV2 - 1038; ; Calibrated: 2010/1/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Scans/z (axial) fine 2mm 8 x 8/ABM SNR(x,y,z) (5x5x1):

ABM1/ABM2 = 52.3 dB
ABM1 comp = 9.91 dB A/m
Location: -4, 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, 3.7 mm Diff: 0.54dB
Frequency Response
Lower Limit
Upper Limit
dB
dB A/m
Hz
20
15
10
5
0
-5
-10
-15
-20
10^2
10^3
10^4

#09 T-Coil_WCDMA II_Voice_Ch9400_Battery 1_Radial 1 (X)

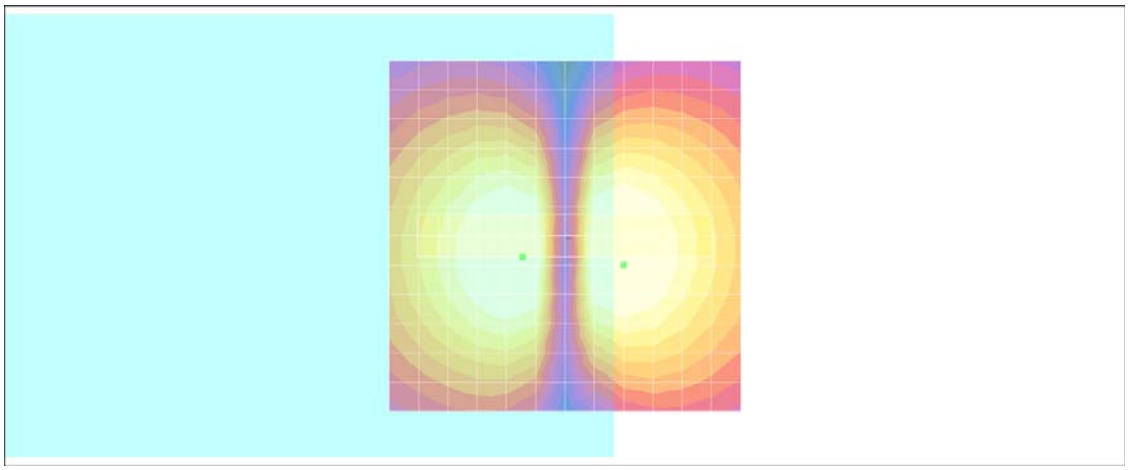
DUT: 081915-07

Communication System: WCDMA; Frequency: 1880 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: 2010/1/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- 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 = 50.0 dB
ABM1 comp = 3.46 dB A/m
Location: 6, 3, 3.7 mm



0 dB = 1.00A/m

#09 T-Coil_WCDMA II_Voice_Ch9400_Battery 1_Radial 2 (Y)

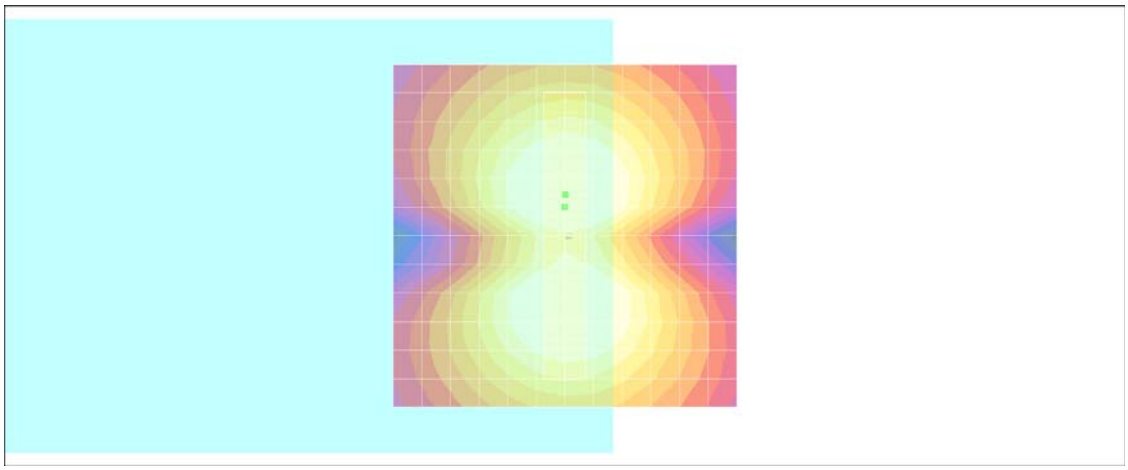
DUT: 081915-07

Communication System: WCDMA; Frequency: 1880 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: 2010/1/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- 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 = 46.6 dB
ABM1 comp = 4.44 dB A/m
Location: 0, -6, 3.7 mm



0 dB = 1.00A/m

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2010/12/1

#10 T-Coil_WCDMA II_Voice_Ch9262_Battery 1_Axial (Z)

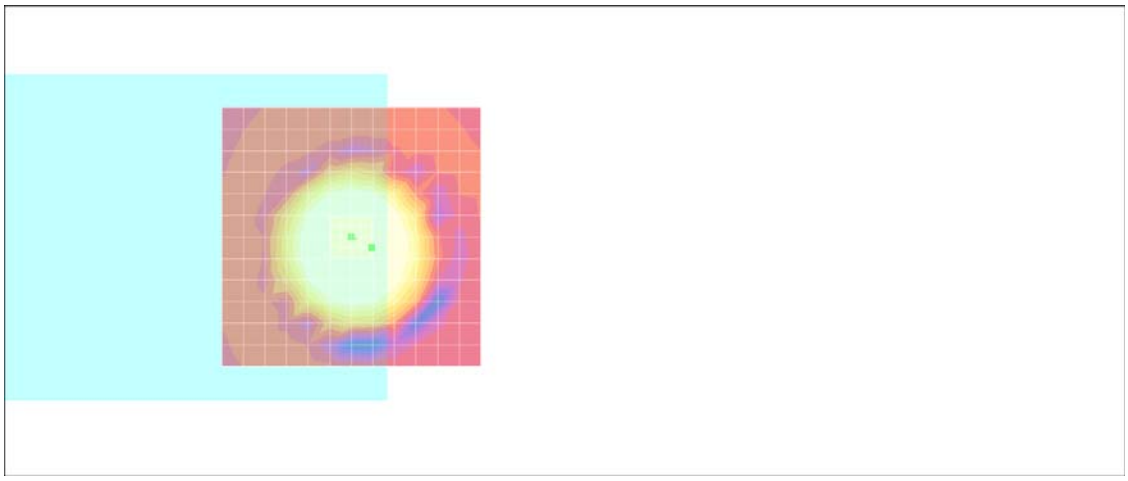
DUT: 081915-07

Communication System: WCDMA; Frequency: 1852.4 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 ℃

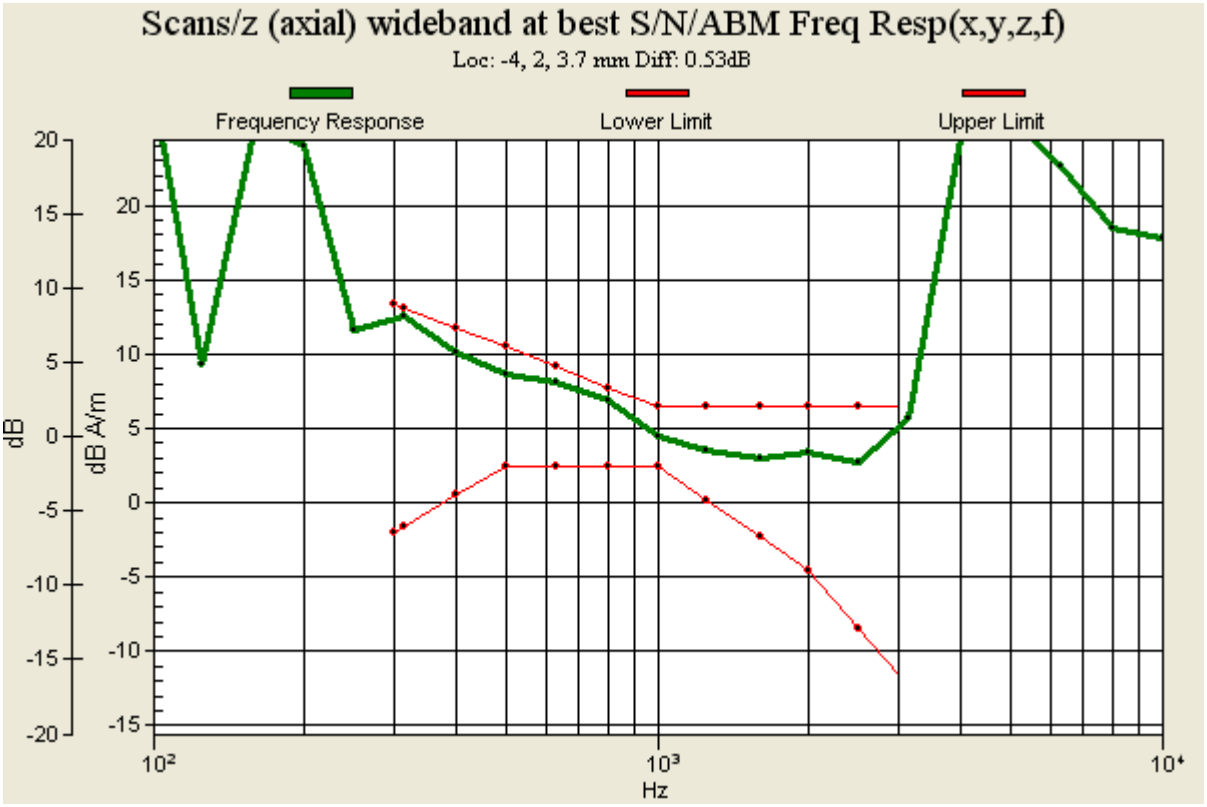
DASY4 Configuration:
- Probe: AM1DV2 - 1038; ; Calibrated: 2010/1/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Scans/z (axial) fine 2mm 8 x 8/ABM SNR(x,y,z) (5x5x1):

ABM1/ABM2 = 52.1 dB
ABM1 comp = 10.1 dB A/m
Location: -4, 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, 3.7 mm Diff: 0.53dB
Frequency Response
Lower Limit
Upper Limit
dB
dB A/m
Hz
20
15
10
5
0
-5
-10
-15
-20
10^2
10^3
10^4

#10 T-Coil_WCDMA II_Voice_Ch9262_Battery 1_Radial 1 (X)

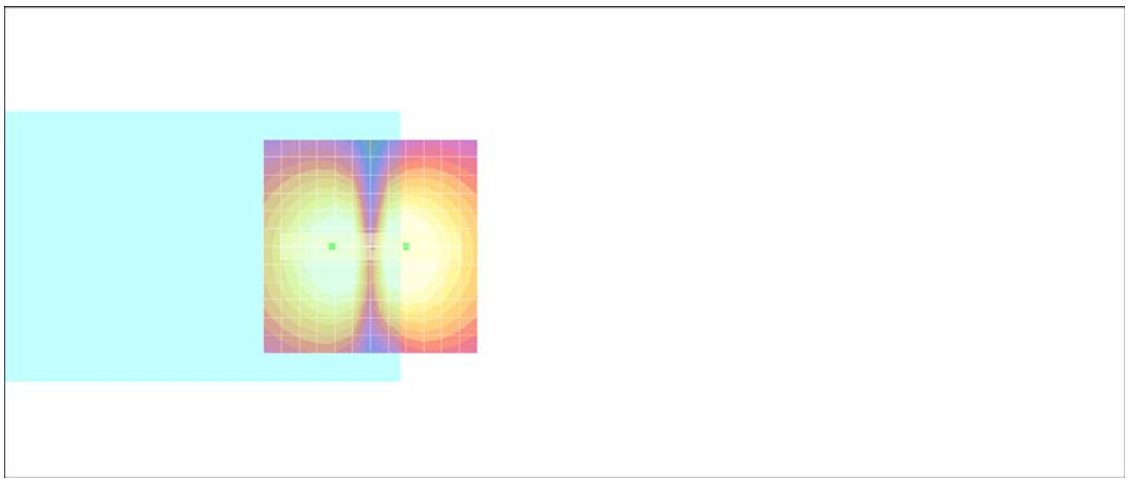
DUT: 081915-07

Communication System: WCDMA; Frequency: 1852.4 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: 2010/1/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- 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 = 51.6 dB
ABM1 comp = 2.84 dB A/m
Location: 9, 0, 3.7 mm



0 dB = 1.00A/m

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2010/12/1

#10 T-Coil_WCDMA II_Voice_Ch9262_Battery 1_Radial 2 (Y)

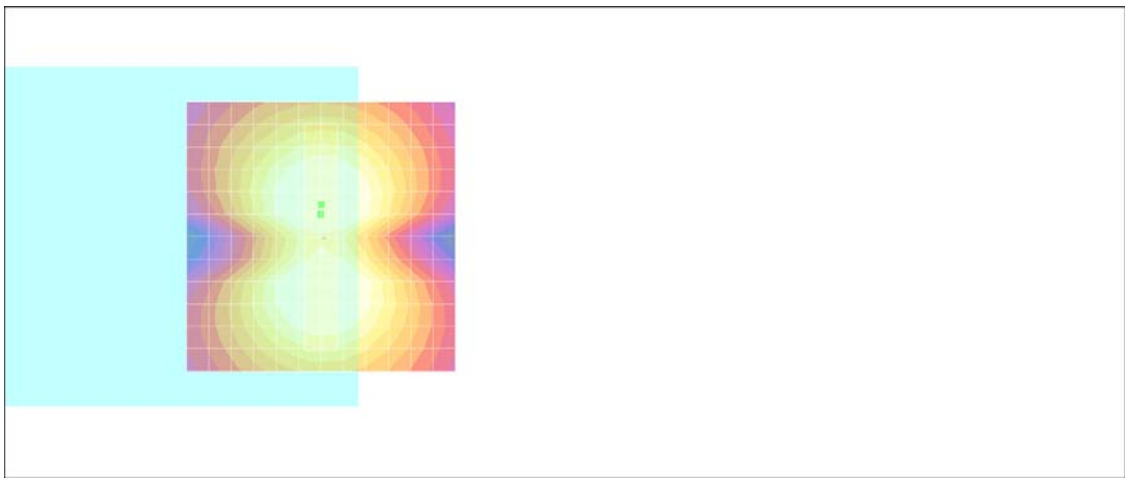
DUT: 081915-07

Communication System: WCDMA; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\varepsilon_r = 1$; $\rho = 1$ kg/m^3
Ambient Temperature：22.5 ℃

DASY4 Configuration:
- Probe: AM1DV2 - 1038; ; Calibrated: 2010/1/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- 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 = 47.0 dB
ABM1 comp = 4.73 dB A/m
Location: 0, -6, 3.7 mm



0 dB = 1.00A/m

#11 T-Coil_WCDMA II_Voice_Ch9538_Battery 1_Axial (Z)

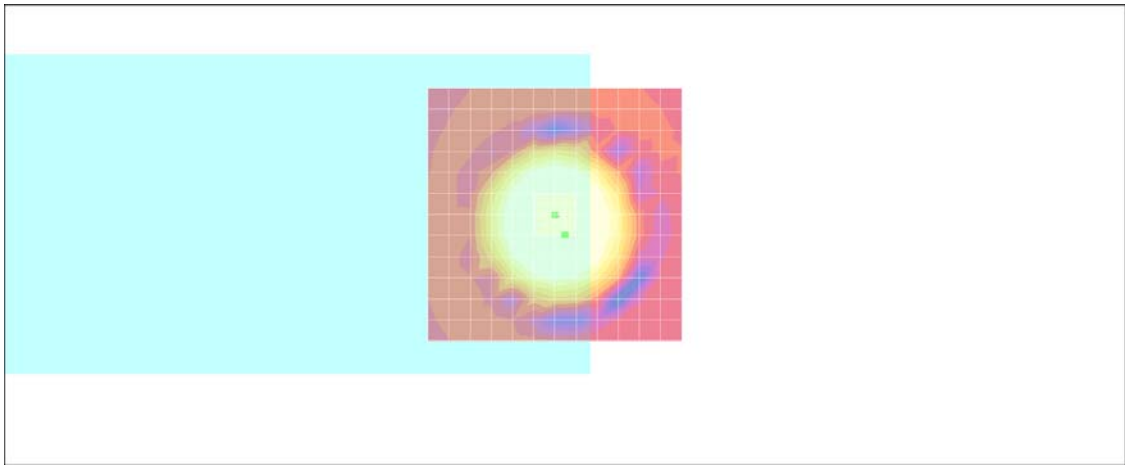
DUT: 081915-07

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 ℃

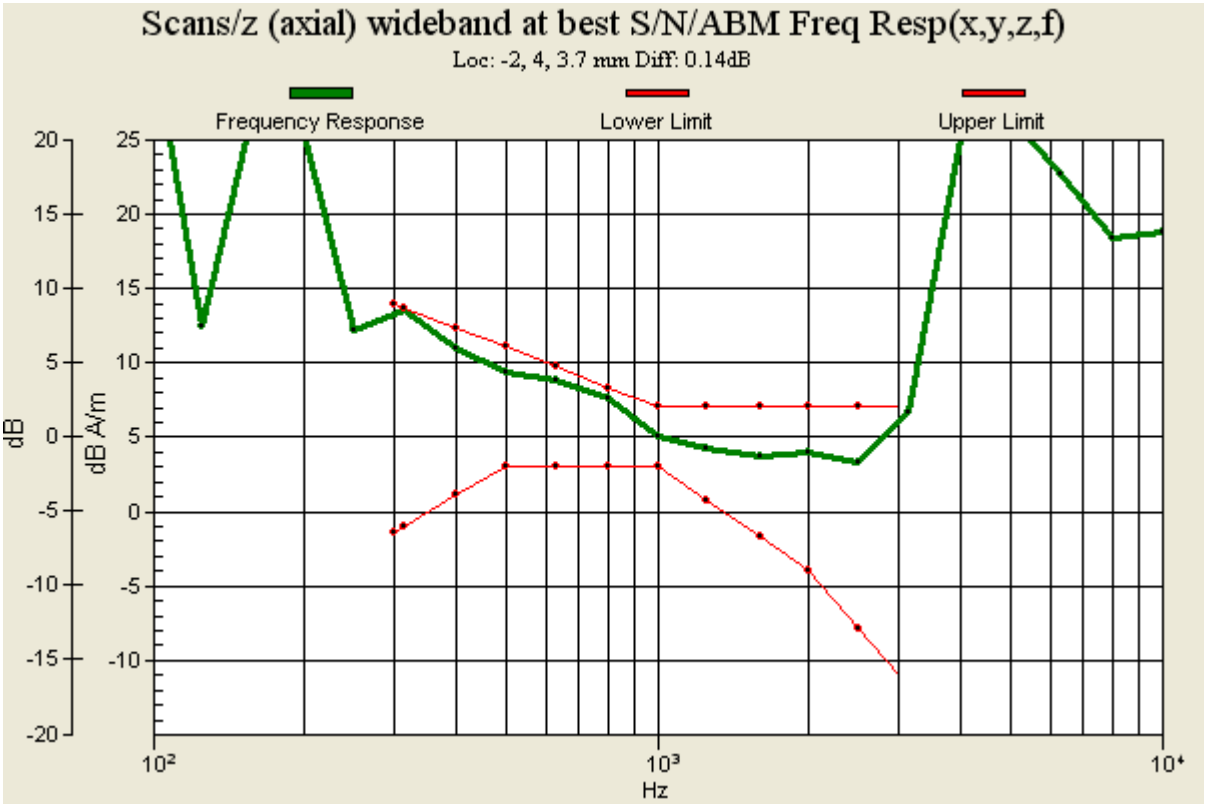
DASY4 Configuration:
- Probe: AM1DV2 - 1038; ; Calibrated: 2010/1/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

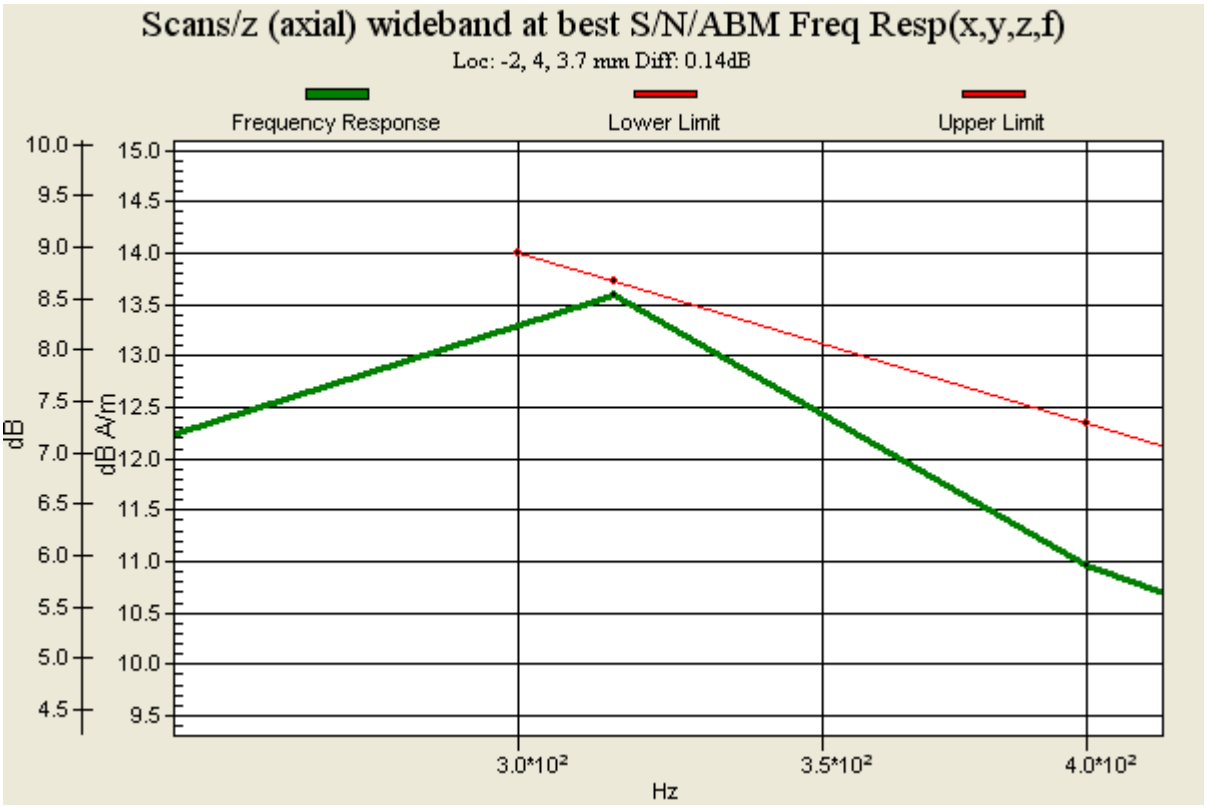
Scans/z (axial) fine 2mm 8 x 8/ABM SNR(x,y,z) (5x5x1):

ABM1/ABM2 = 52.8 dB
ABM1 comp = 10.8 dB A/m
Location: -2, 4, 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, 4, 3.7 mm Diff: 0.14dB
Frequency Response
Lower Limit
Upper Limit
dB
dB A/m
Hz
10²
10³
10⁴


Scans/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)
Loc: -2, 4, 3.7 mm Diff: 0.14dB
Frequency Response
Lower Limit
Upper Limit
dB
dB A/m
Hz
3.0*10²
3.5*10²
4.0*10²

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2010/12/1

#11 T-Coil_WCDMA II_Voice_Ch9538_Battery 1_Radial 1 (X)

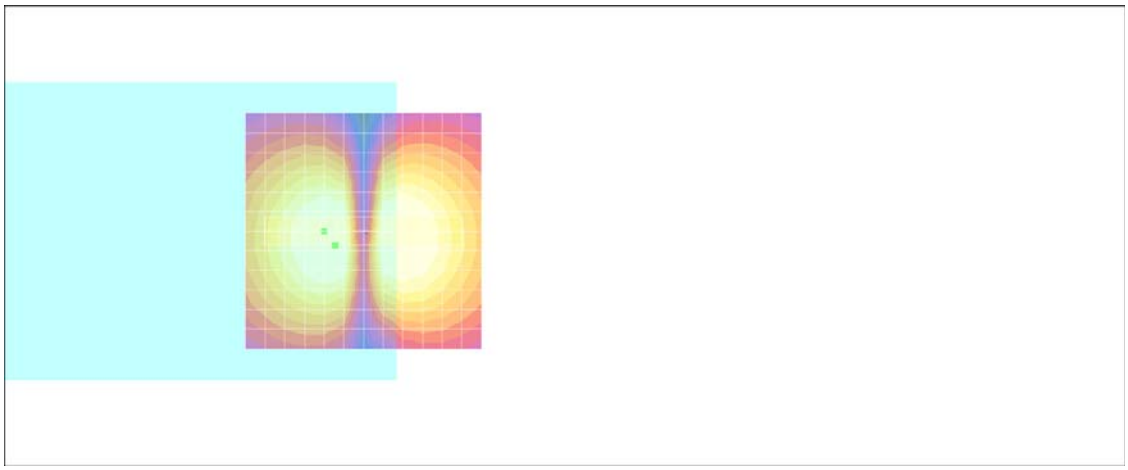
DUT: 081915-07

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: 2010/1/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- 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 = 51.4 dB
ABM1 comp = 3.49 dB A/m
Location: 6, 3, 3.7 mm



0 dB = 1.00A/m

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2010/12/1

#11 T-Coil_WCDMA II_Voice_Ch9538_Battery 1_Radial 2 (Y)

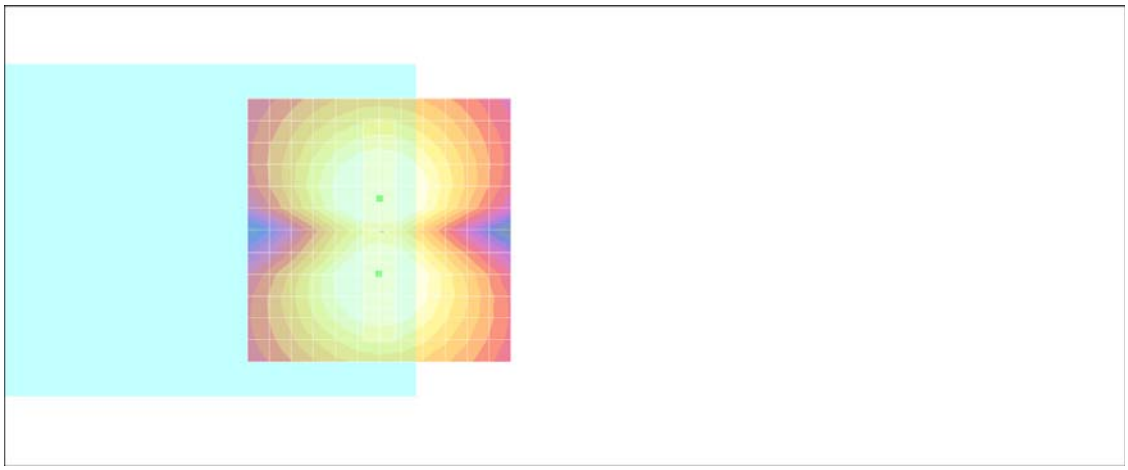
DUT: 081915-07

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: 2010/1/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- 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 = 48.7 dB
ABM1 comp = 4.42 dB A/m
Location: 0, -6, 3.7 mm



0 dB = 1.00A/m

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2010/12/1

#12 T-Coil_WCDMA II_Voice_Ch9400_Battery 2_Axial (Z)

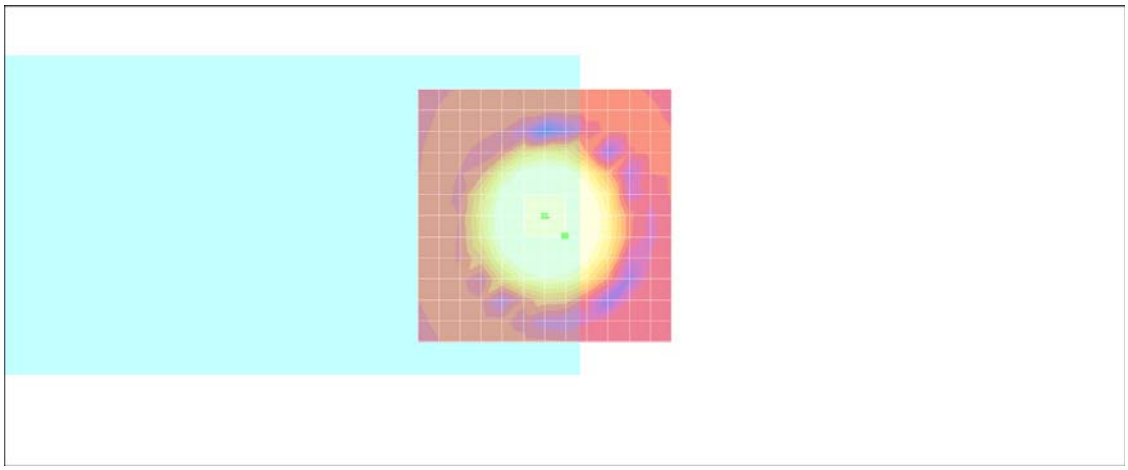
DUT: 081915-07

Communication System: WCDMA; Frequency: 1880 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 ℃

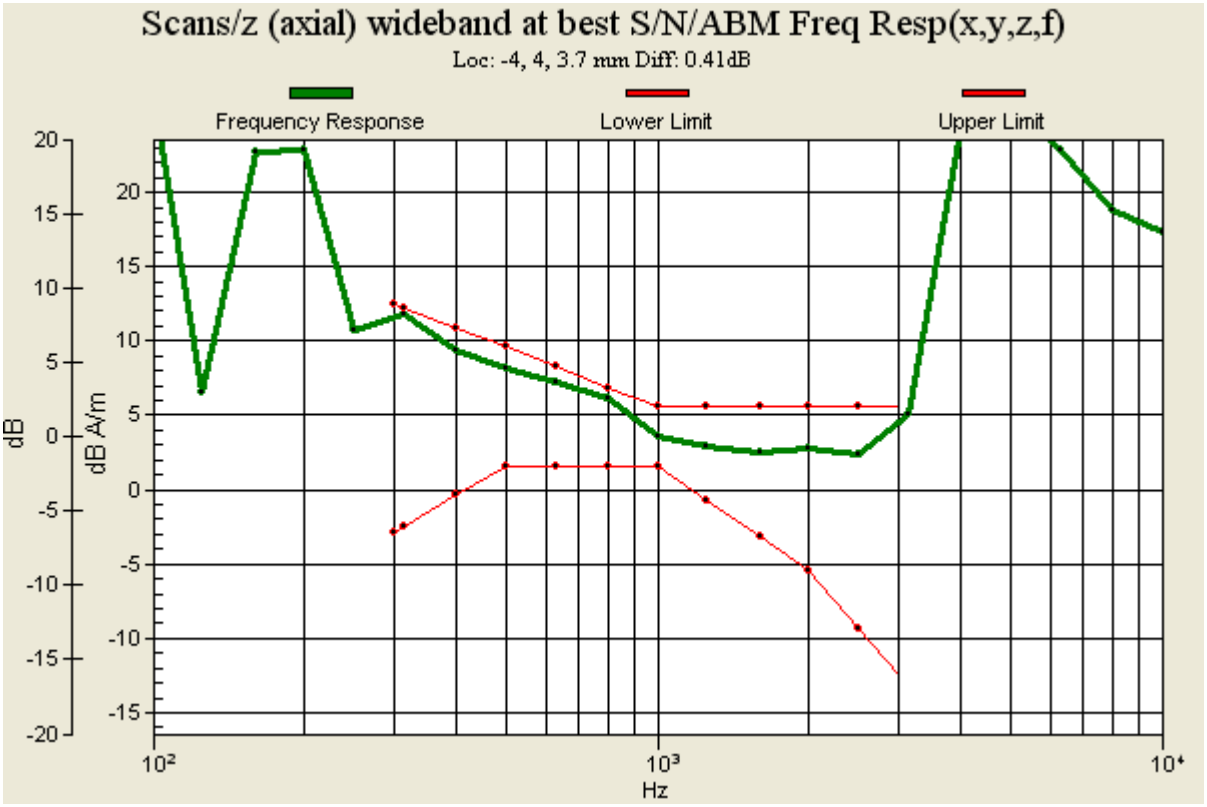
DASY4 Configuration:
- Probe: AM1DV2 - 1038; ; Calibrated: 2010/1/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

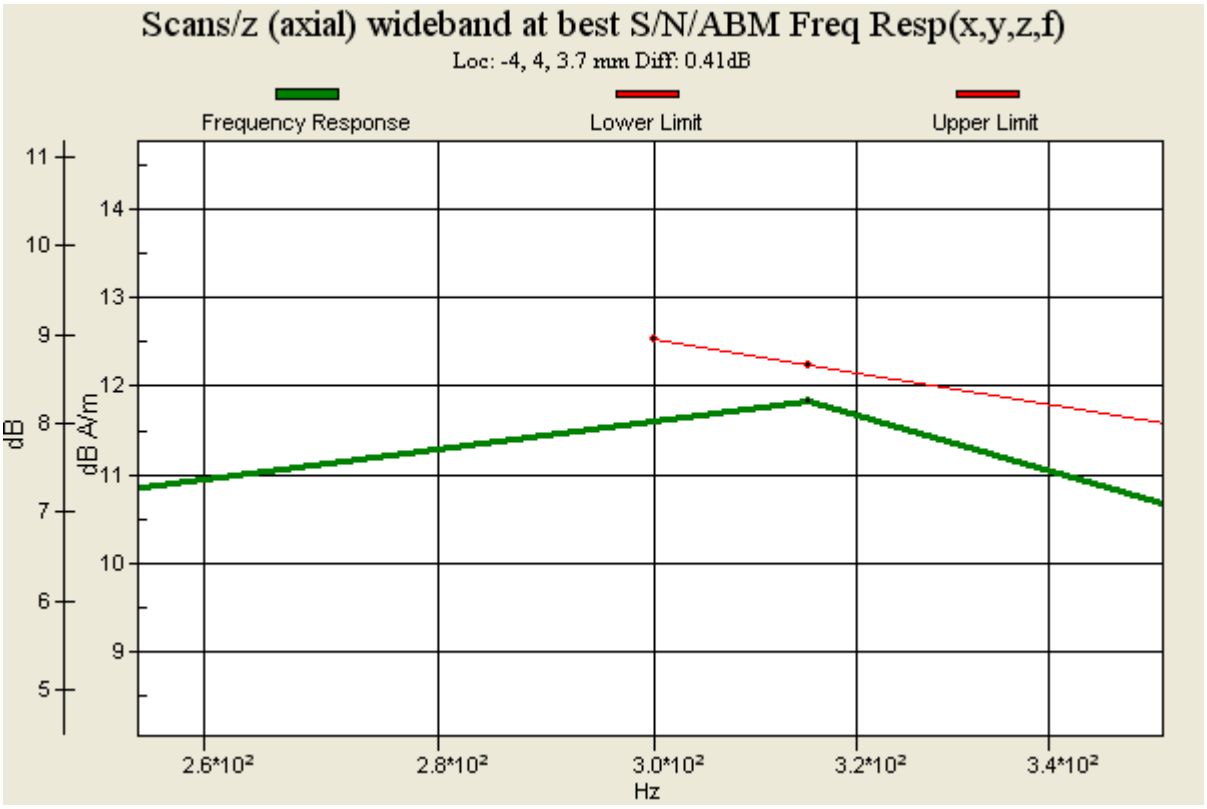
Scans/z (axial) fine 2mm 8 x 8/ABM SNR(x,y,z) (5x5x1):

ABM1/ABM2 = 52.0 dB
ABM1 comp = 9.26 dB A/m
Location: -4, 4, 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, 4, 3.7 mm Diff: 0.41dB
Frequency Response
Lower Limit
Upper Limit
dB
dB A/m
Hz
10²
10³
10⁴


Scans/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)
Loc: -4, 4, 3.7 mm Diff: 0.41dB
Frequency Response
Lower Limit
Upper Limit
dB
dB A/m
Hz
2.6*10²
2.8*10²
3.0*10²
3.2*10²
3.4*10²

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2010/12/1

#12 T-Coil_WCDMA II_Voice_Ch9400_Battery 2_Radial 1 (X)

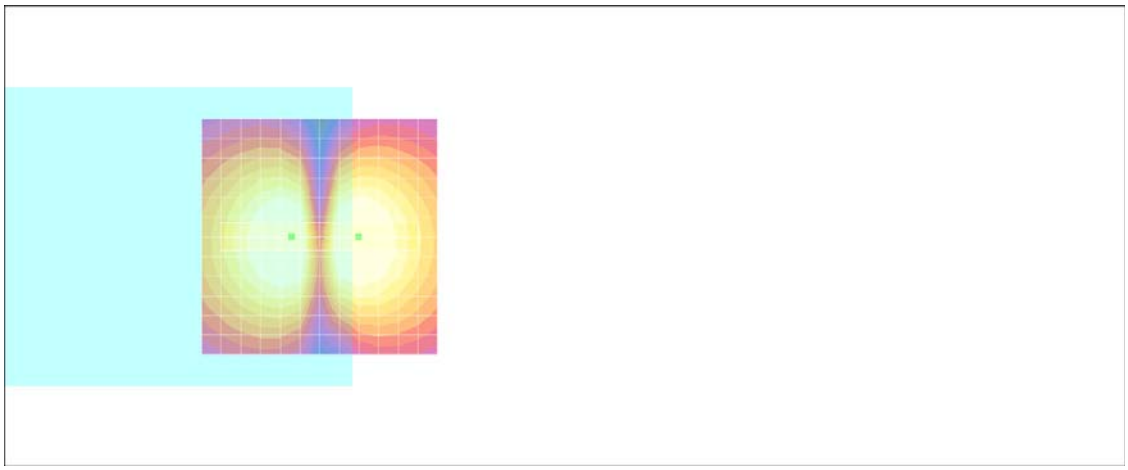
DUT: 081915-07

Communication System: WCDMA; Frequency: 1880 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: 2010/1/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- 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 = 52.3 dB
ABM1 comp = 3.94 dB A/m
Location: 6, 0, 3.7 mm



0 dB = 1.00A/m

#12 T-Coil_WCDMA II_Voice_Ch9400_Battery 2_Radial 2 (Y)

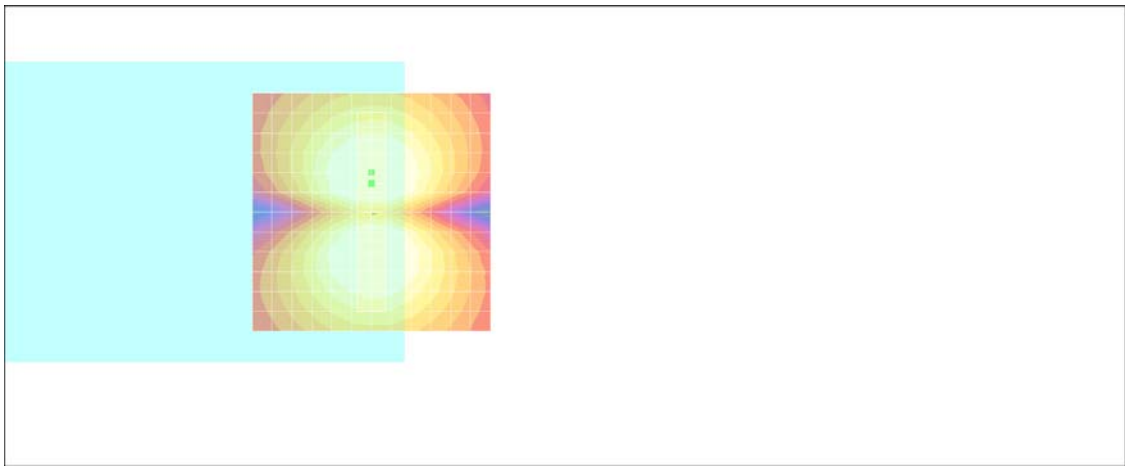
DUT: 081915-07

Communication System: WCDMA; Frequency: 1880 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: 2010/1/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2010/8/18
- 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 = 49.0 dB
ABM1 comp = 4.98 dB A/m
Location: 0, -6, 3.7 mm



0 dB = 1.00A/m