Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2013/1/9

#01 T-Coil_GSM850_Voice_Ch128_Axial (Z)

DUT: 2D2521

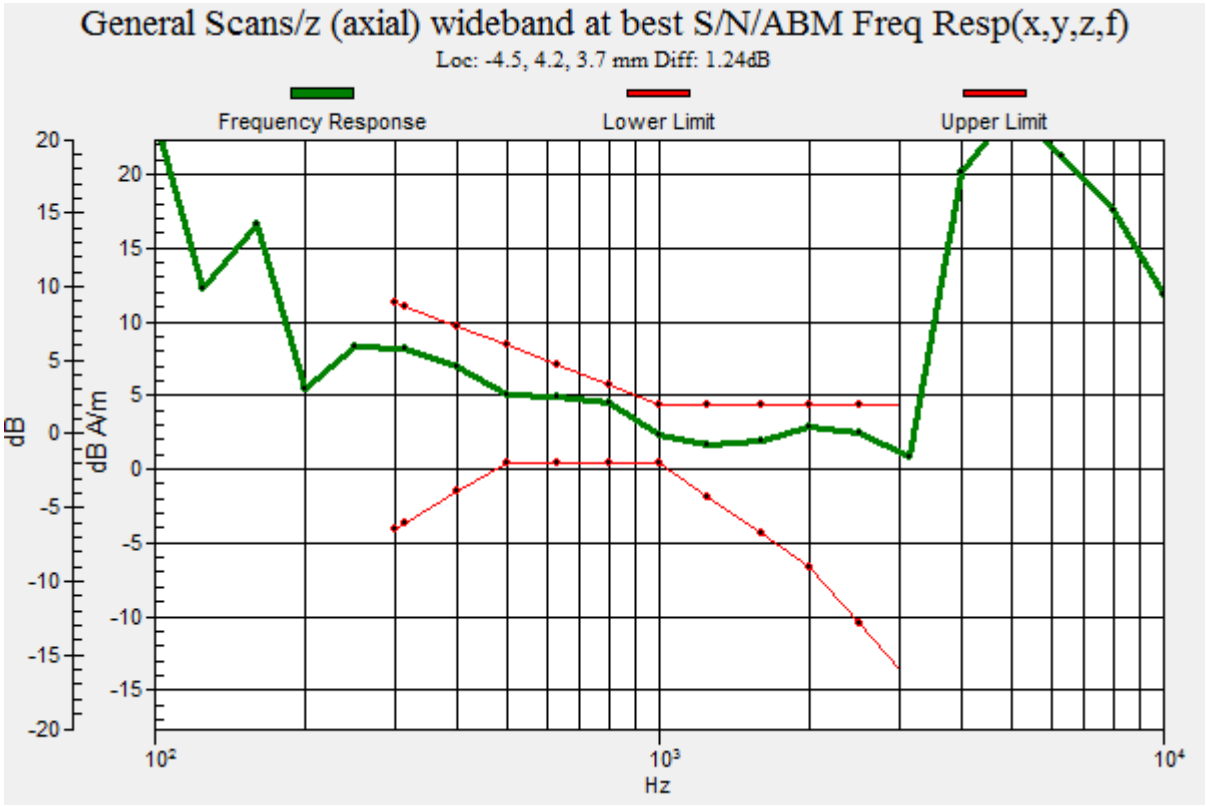
Communication System: GSM850; Frequency: 824.2 MHz;Duty Cycle: 1:8.3
Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\varepsilon_r = 1$; $\rho = 1$ kg/m^3
Ambient Temperature：22.6 ℃

DASY5 Configuration:
- Probe: AM1DV2 - 1038; ; Calibrated: 2012/1/23
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn910; Calibrated: 2012/12/5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

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

ABM1/ABM2 = 33.57 dB
ABM1 comp = 5.77 dB A/m
BWC Factor = 0.16 dB
Location: -4.2, 4.2, 3.7 mm

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


General Scans/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)
Loc: -4.5, 4.2, 3.7 mm Diff: 1.24dB
Frequency Response
Lower Limit
Upper Limit
dB
dB A/m
20
15
10
5
0
-5
-10
-15
-20
10^2
10^3
10^4
Hz

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2013/1/9

#01 T-Coil_GSM850_Voice_Ch128_Radial 2 (Y)

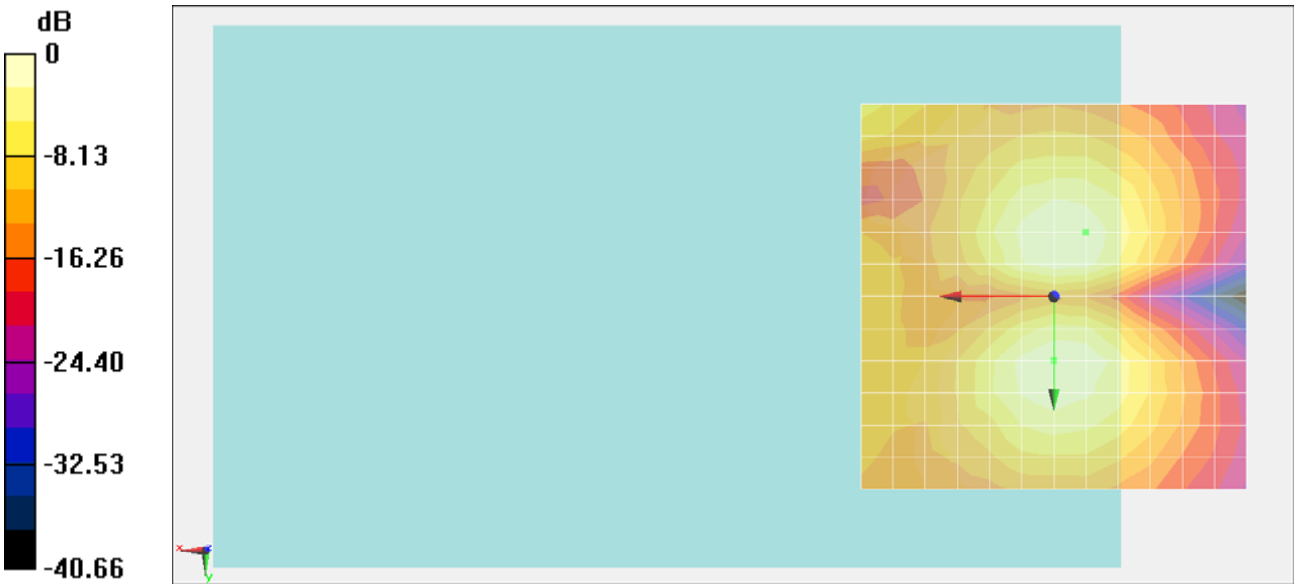
DUT: 2D2521

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 ℃

DASY5 Configuration:
- Probe: AM1DV2 - 1038; ; Calibrated: 2012/1/23
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn910; Calibrated: 2012/12/5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

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

ABM1/ABM2 = 32.58 dB
ABM1 comp = -0.93 dB A/m
Location: -4.2, -8.3, 3.7 mm



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

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2013/1/9

#02 T-Coil_GSM850_Voice_Ch189_Axial (Z)

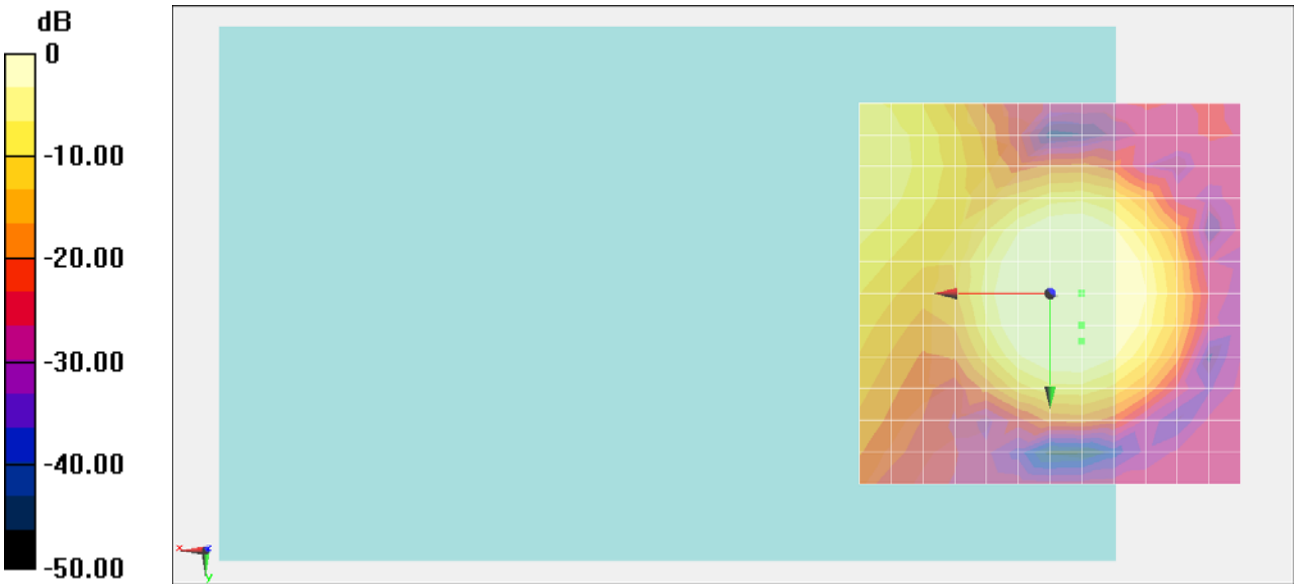
DUT: 2D2521

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 ℃

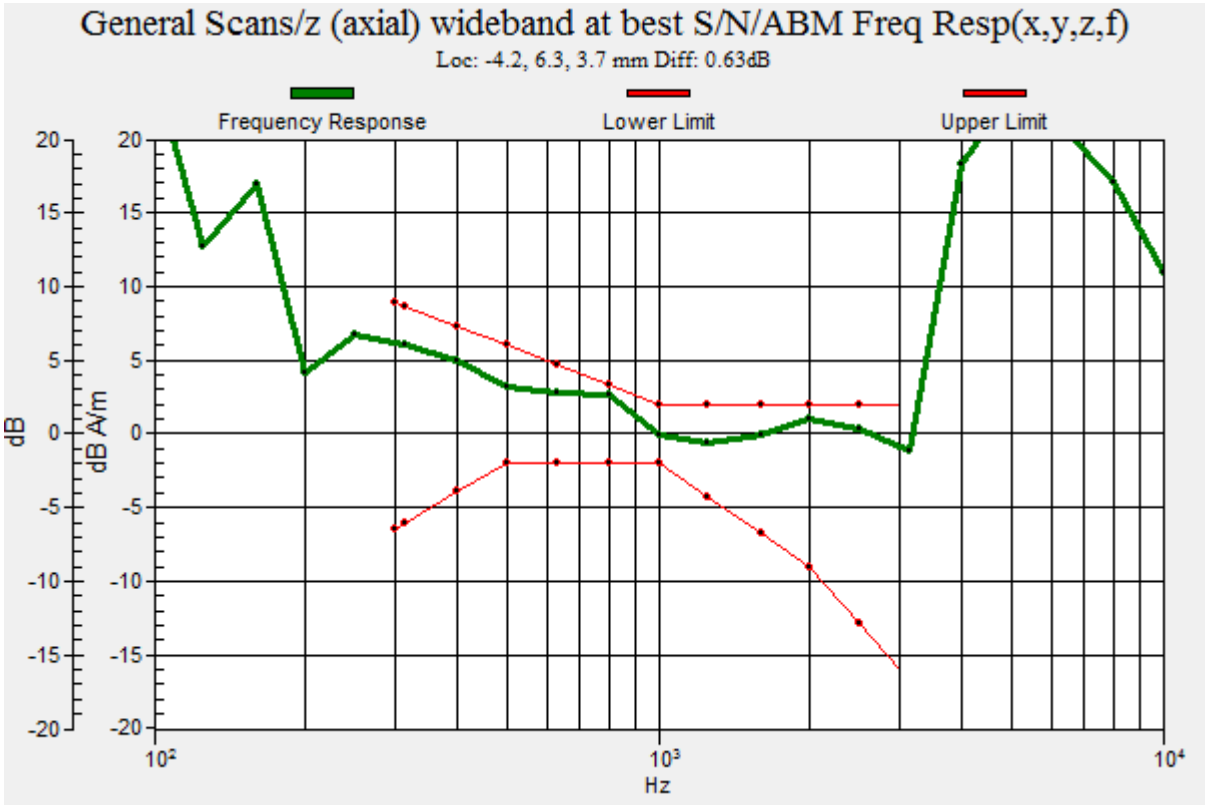
DASY5 Configuration:
- Probe: AM1DV2 - 1038; ; Calibrated: 2012/1/23
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn910; Calibrated: 2012/12/5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

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

ABM1/ABM2 = 36.49 dB
ABM1 comp = 5.42 dB A/m
Location: -4.2, 4.2, 3.7 mm



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


General Scans/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)
Loc: -4.2, 6.3, 3.7 mm Diff: 0.63dB
Frequency Response
Lower Limit
Upper Limit
dB
dB A/m
20
15
10
5
0
-5
-10
-15
-20
10^2
10^3
10^4
Hz

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2013/1/9

#02 T-Coil_GSM850_Voice_Ch189_Radial 2 (Y)

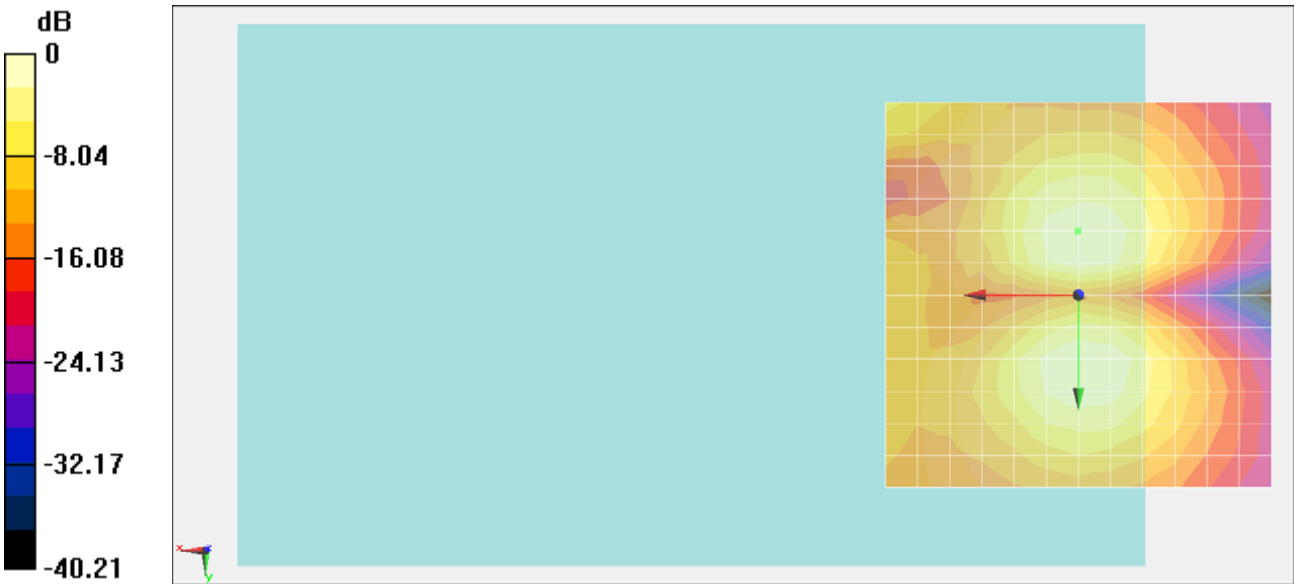
DUT: 2D2521

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 ℃

DASY5 Configuration:
- Probe: AM1DV2 - 1038; ; Calibrated: 2012/1/23
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn910; Calibrated: 2012/12/5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

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

ABM1/ABM2 = 35.87 dB
ABM1 comp = 0.13 dB A/m
Location: 0, -8.3, 3.7 mm



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

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2013/1/9

#03 T-Coil_GSM850_Voice_Ch251_Axial (Z)

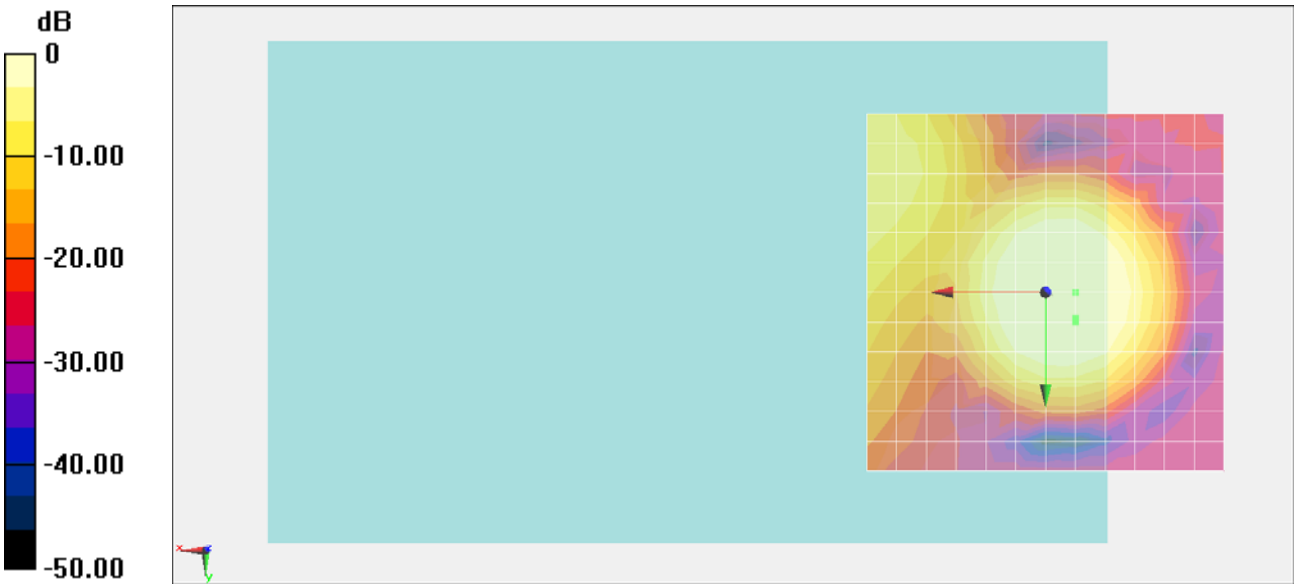
DUT: 2D2521

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 ℃

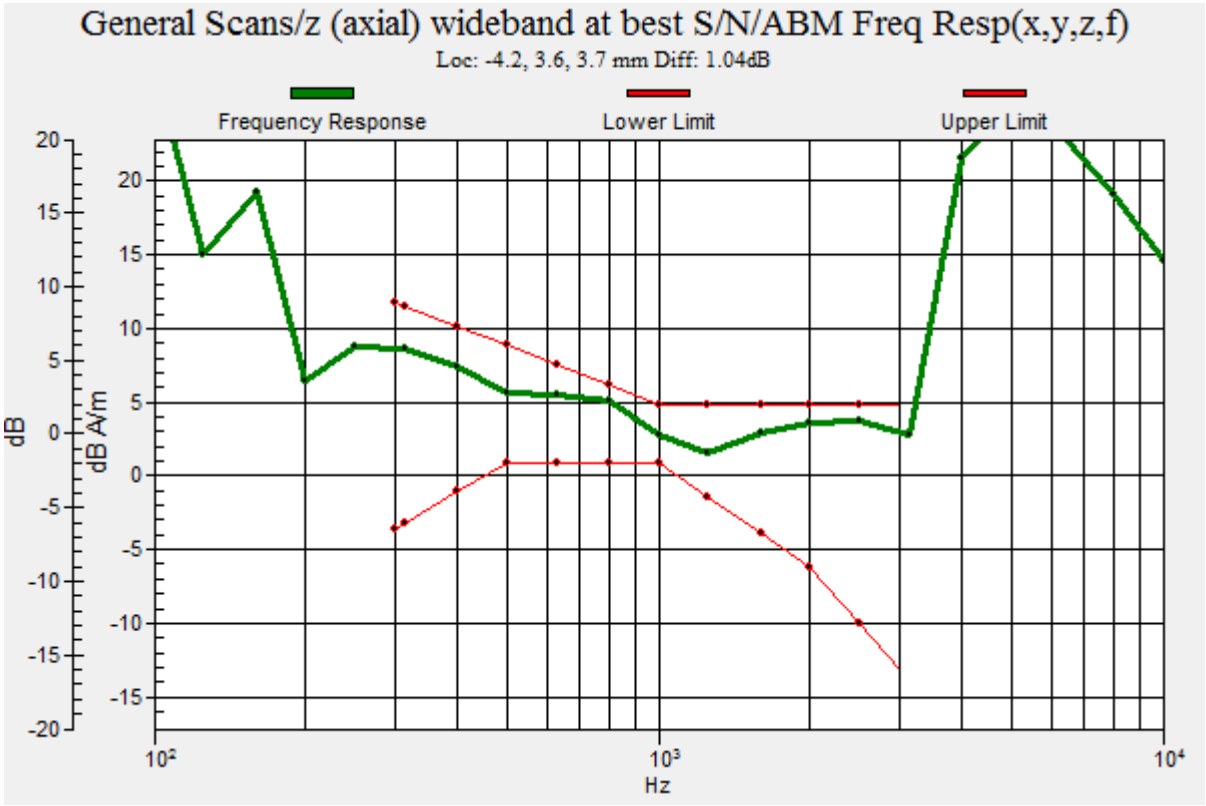
DASY5 Configuration:
- Probe: AM1DV2 - 1038; ; Calibrated: 2012/1/23
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn910; Calibrated: 2012/12/5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

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

ABM1/ABM2 = 36.07 dB
ABM1 comp = 5.64 dB A/m
Location: -4.2, 4.2, 3.7 mm



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


General Scans/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)
Loc: -4.2, 3.6, 3.7 mm Diff: 1.04dB
Frequency Response
Lower Limit
Upper Limit
dB
dB A/m
20
15
10
5
0
-5
-10
-15
-20
10^2
10^3
10^4
Hz

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2013/1/9

#03 T-Coil_GSM850_Voice_Ch251_Radial 2 (Y)

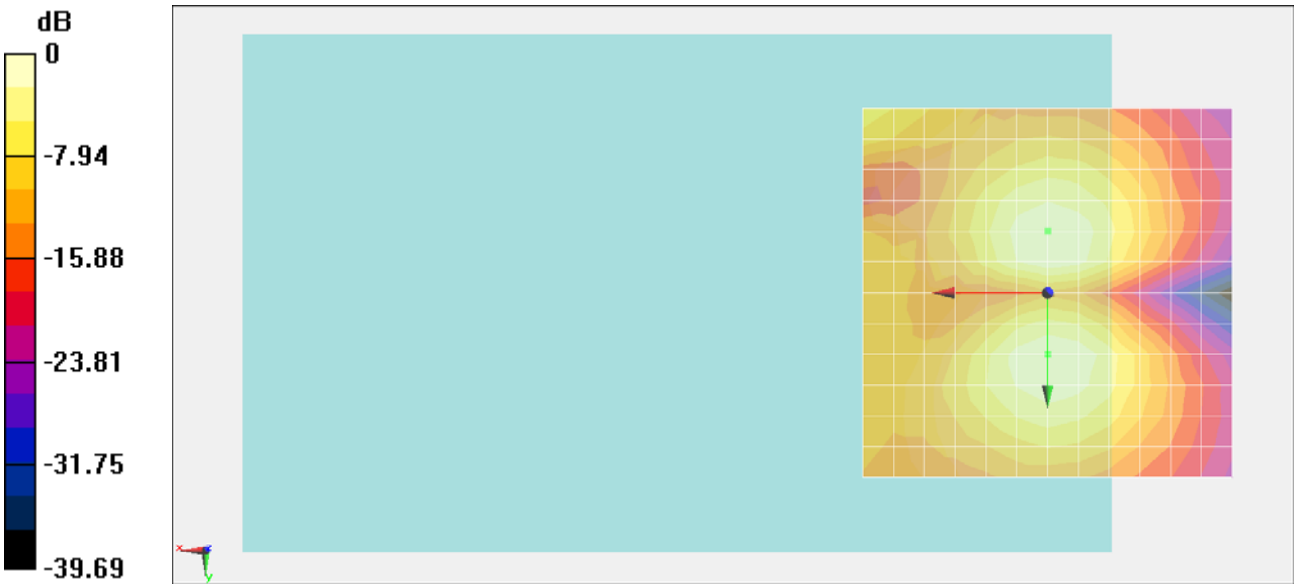
DUT: 2D2521

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 ℃

DASY5 Configuration:
- Probe: AM1DV2 - 1038; ; Calibrated: 2012/1/23
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn910; Calibrated: 2012/12/5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

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

ABM1/ABM2 = 33.15 dB
ABM1 comp = 0.27 dB A/m
Location: 0, -8.3, 3.7 mm



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

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2013/1/9

#04 T-Coil_GSM1900_Voice_Ch512_Axial (Z)

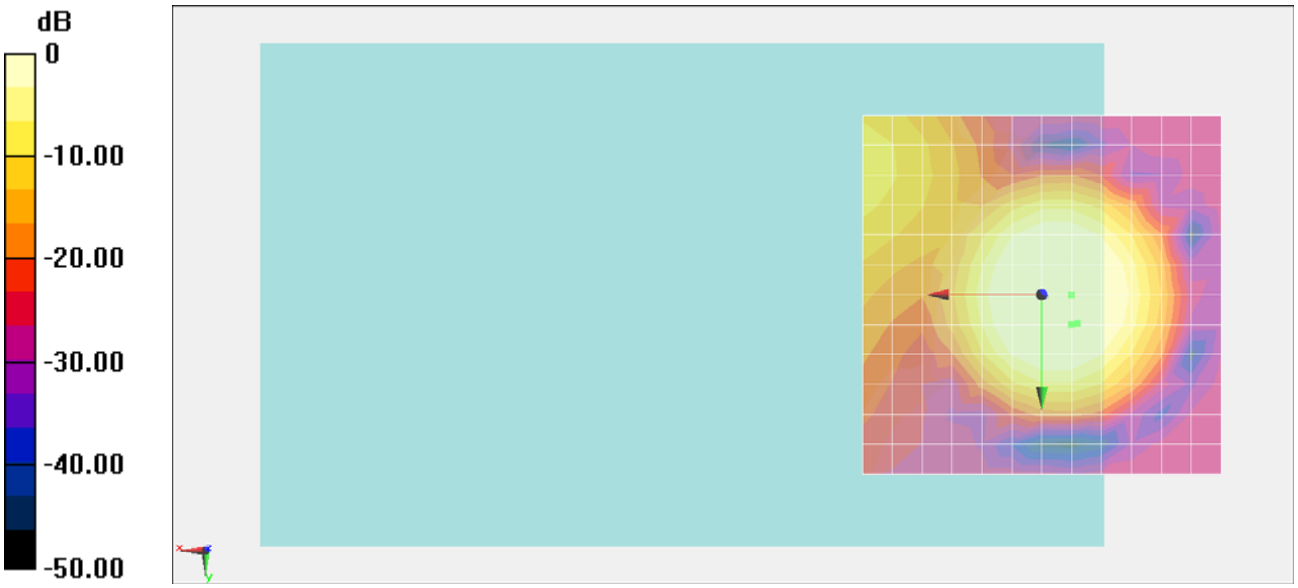
DUT: 2D2521

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：22.8 ℃

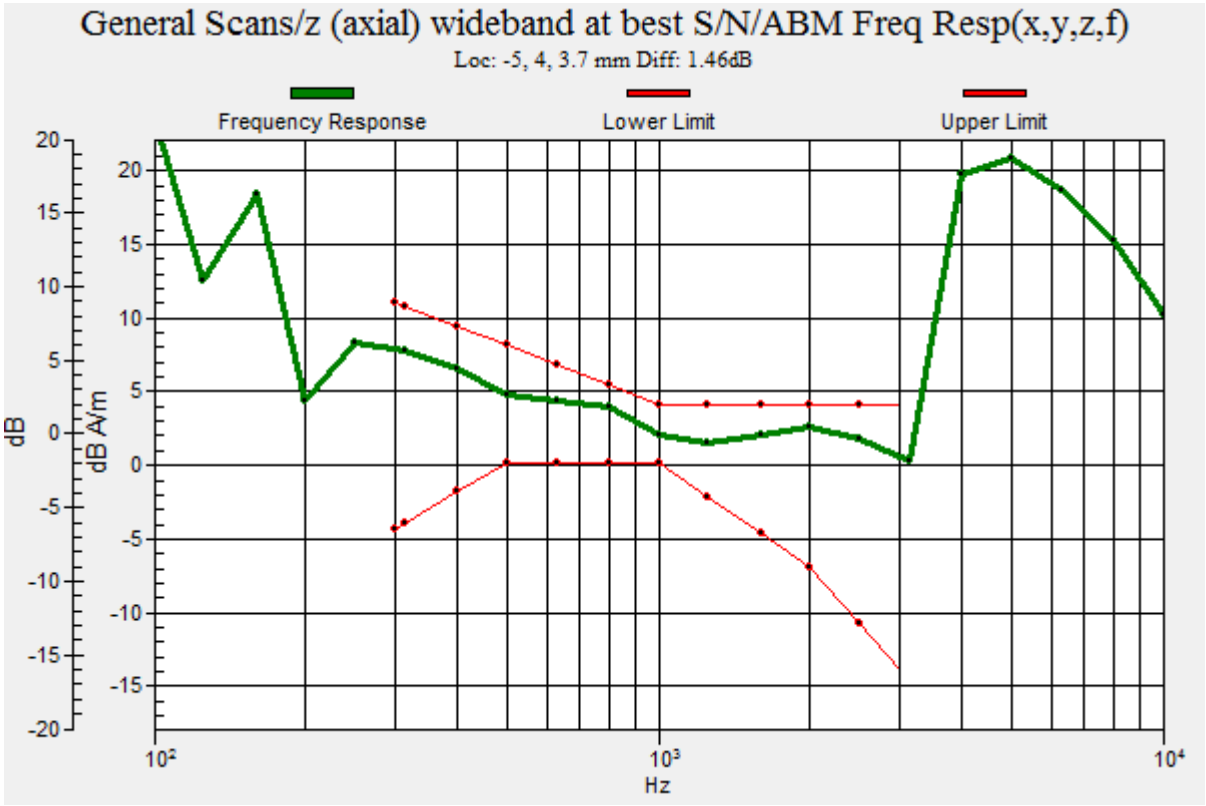
DASY5 Configuration:
- Probe: AM1DV2 - 1038; ; Calibrated: 2012/1/23
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn910; Calibrated: 2012/12/5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

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

ABM1/ABM2 = 33.79 dB
ABM1 comp = 5.75 dB A/m
Location: -4.2, 4.2, 3.7 mm



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


General Scans/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)
Loc: -5, 4, 3.7 mm Diff: 1.46dB
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

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2013/1/9

#04 T-Coil_GSM1900_Voice_Ch512_Radial 2 (Y)

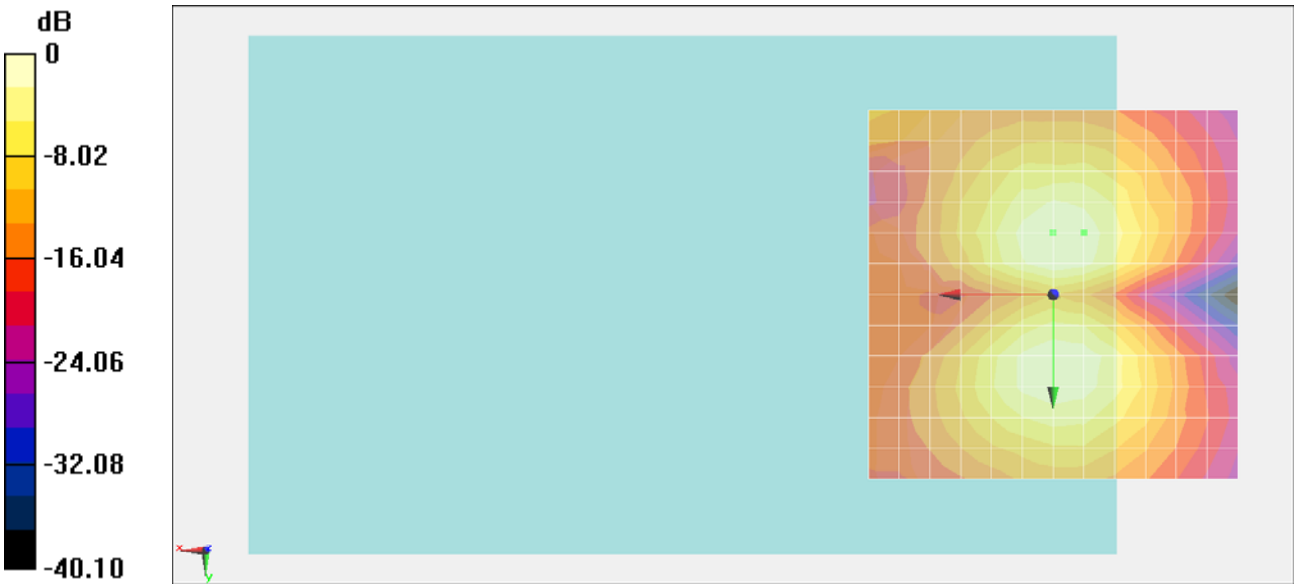
DUT: 2D2521

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：22.8 ℃

DASY5 Configuration:
- Probe: AM1DV2 - 1038; ; Calibrated: 2012/1/23
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn910; Calibrated: 2012/12/5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

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

ABM1/ABM2 = 33.11 dB
ABM1 comp = -1.04 dB A/m
Location: -4.2, -8.3, 3.7 mm



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

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2013/1/9

#05 T-Coil_GSM1900_Voice_Ch661_Axial (Z)

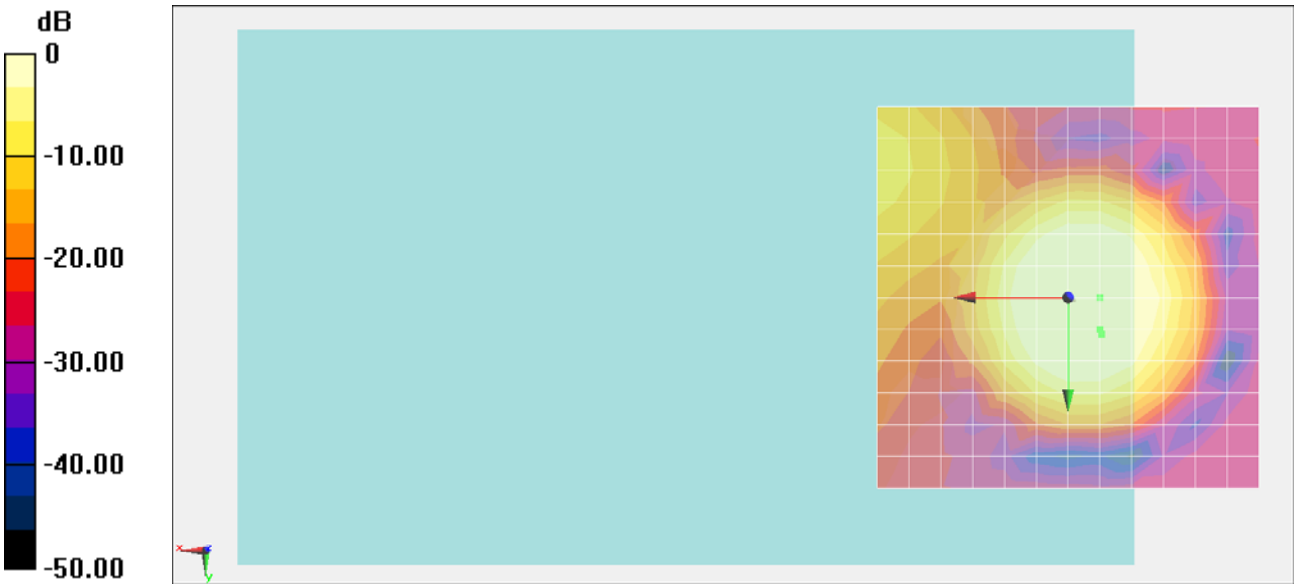
DUT: 2D2521

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：22.8 ℃

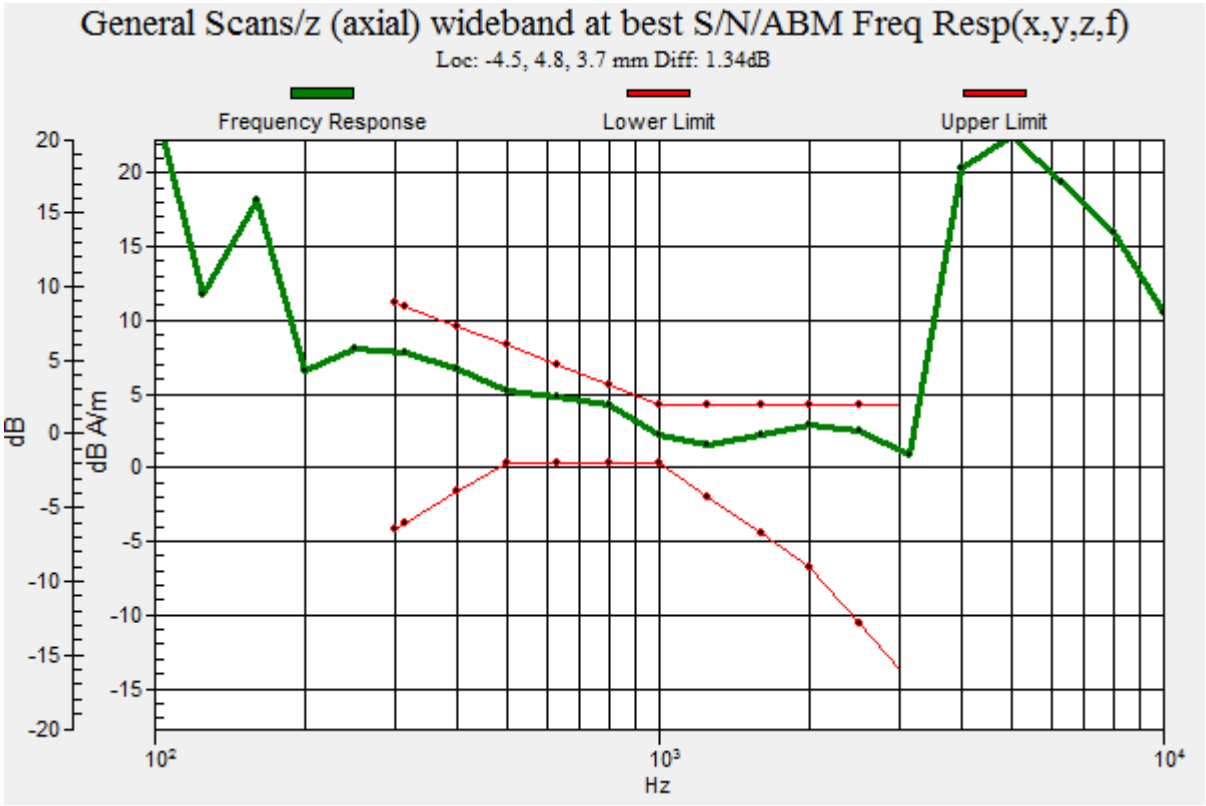
DASY5 Configuration:
- Probe: AM1DV2 - 1038; ; Calibrated: 2012/1/23
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn910; Calibrated: 2012/12/5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

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

ABM1/ABM2 = 34.33 dB
ABM1 comp = 6.35 dB A/m
Location: -4.2, 4.2, 3.7 mm



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


General Scans/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)
Loc: -4.5, 4.8, 3.7 mm Diff: 1.34dB
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

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2013/1/9

#05 T-Coil_GSM1900_Voice_Ch661_Radial 2 (Y)

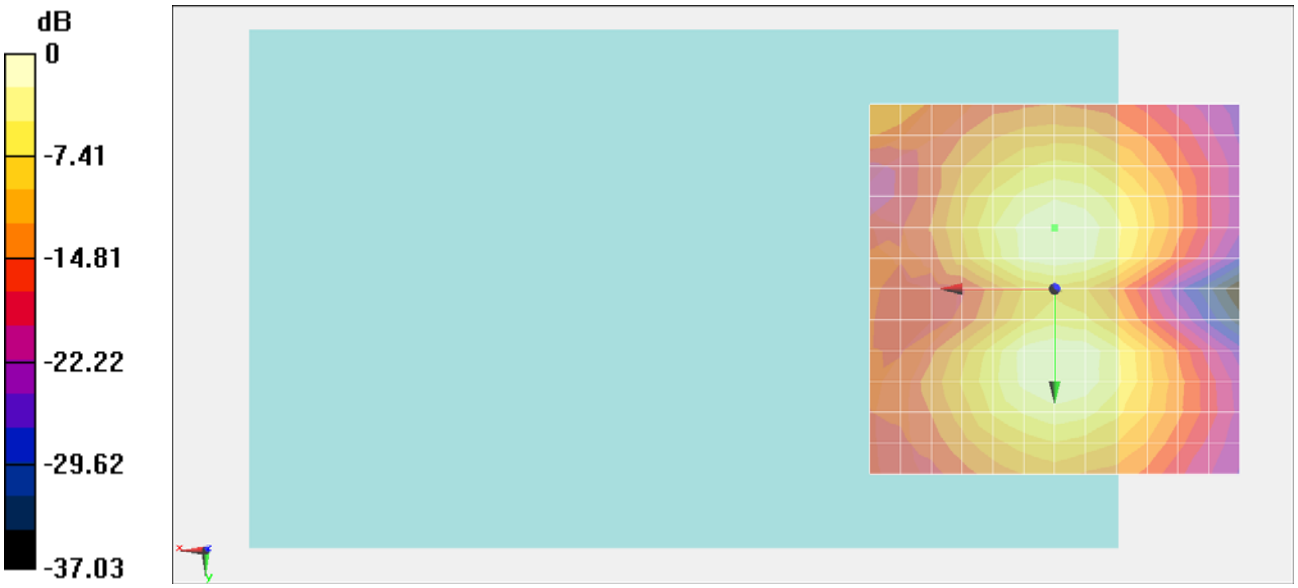
DUT: 2D2521

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：22.8 ℃

DASY5 Configuration:
- Probe: AM1DV2 - 1038; ; Calibrated: 2012/1/23
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn910; Calibrated: 2012/12/5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

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

ABM1/ABM2 = 33.54 dB
ABM1 comp = -0.04 dB A/m
Location: 0, -8.3, 3.7 mm



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

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2013/1/9

#06 T-Coil_GSM1900_Voice_Ch810_Axial (Z)

DUT: 2D2521

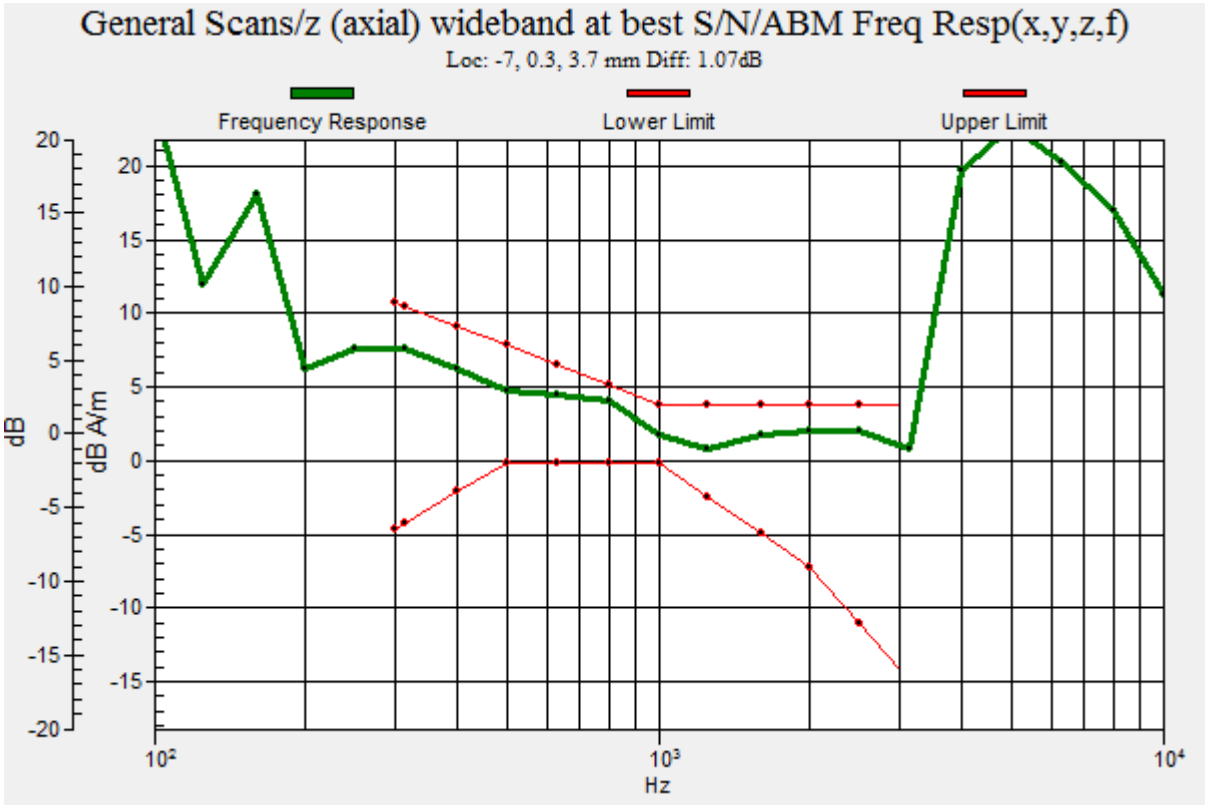
Communication System: PCS; Frequency: 1909.8 MHz;Duty Cycle: 1:8.3
Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\varepsilon_r = 1$; $\rho = 1$ kg/m^3
Ambient Temperature：22.8 ℃

DASY5 Configuration:
- Probe: AM1DV2 - 1038; ; Calibrated: 2012/1/23
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn910; Calibrated: 2012/12/5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

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

ABM1/ABM2 = 34.13 dB
ABM1 comp = 1.56 dB A/m
Location: -4.2, 8.3, 3.7 mm

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


General Scans/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)
Loc: -7, 0.3, 3.7 mm Diff: 1.07dB
Frequency Response
Lower Limit
Upper Limit
dB
dB A/m
Hz
20
15
10
5
0
-5
-10
-15
-20
10²
10³
10⁴

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2013/1/9

#06 T-Coil_GSM1900_Voice_Ch810_Radial 2 (Y)

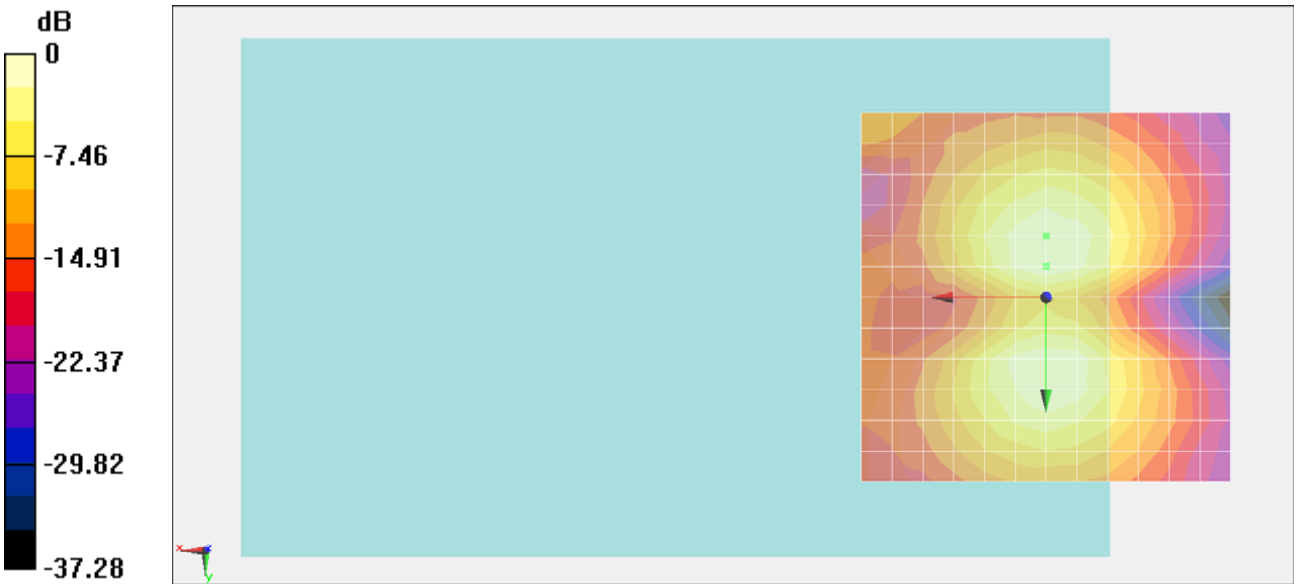
DUT: 2D2521

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：22.8 ℃

DASY5 Configuration:
- Probe: AM1DV2 - 1038; ; Calibrated: 2012/1/23
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn910; Calibrated: 2012/12/5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

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

ABM1/ABM2 = 33.59 dB
ABM1 comp = -0.57 dB A/m
Location: 0, -8.3, 3.7 mm



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

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2013/1/9

#07 T-Coil_WCDMA V_Voice_Ch4132_Axial (Z)

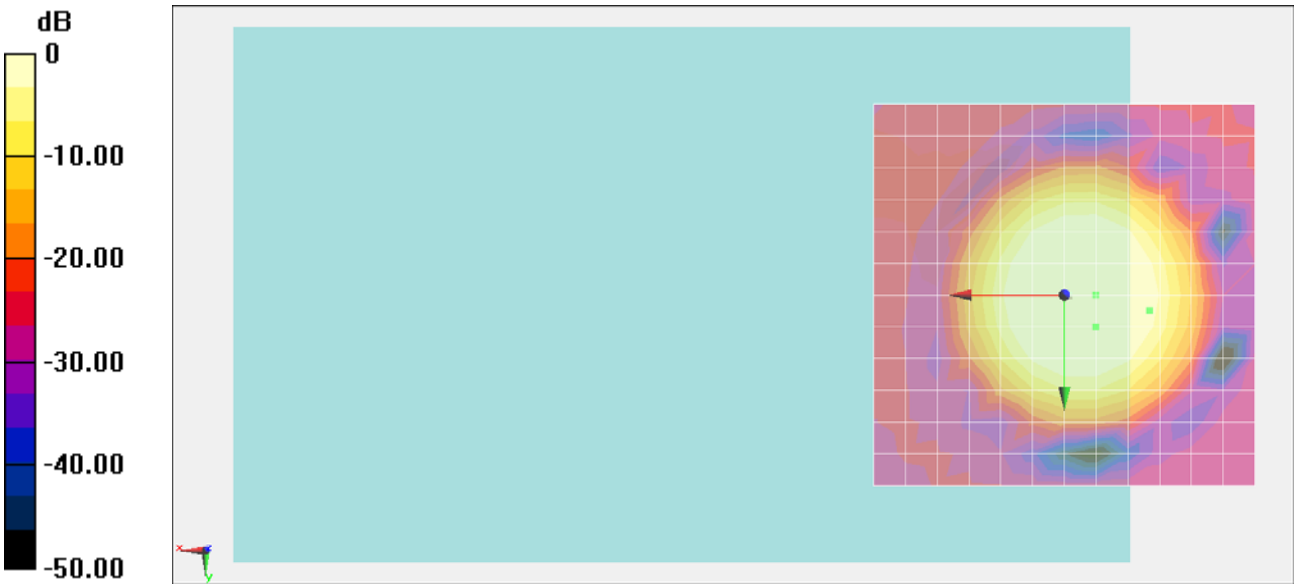
DUT: 2D2521

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：22.6 ℃

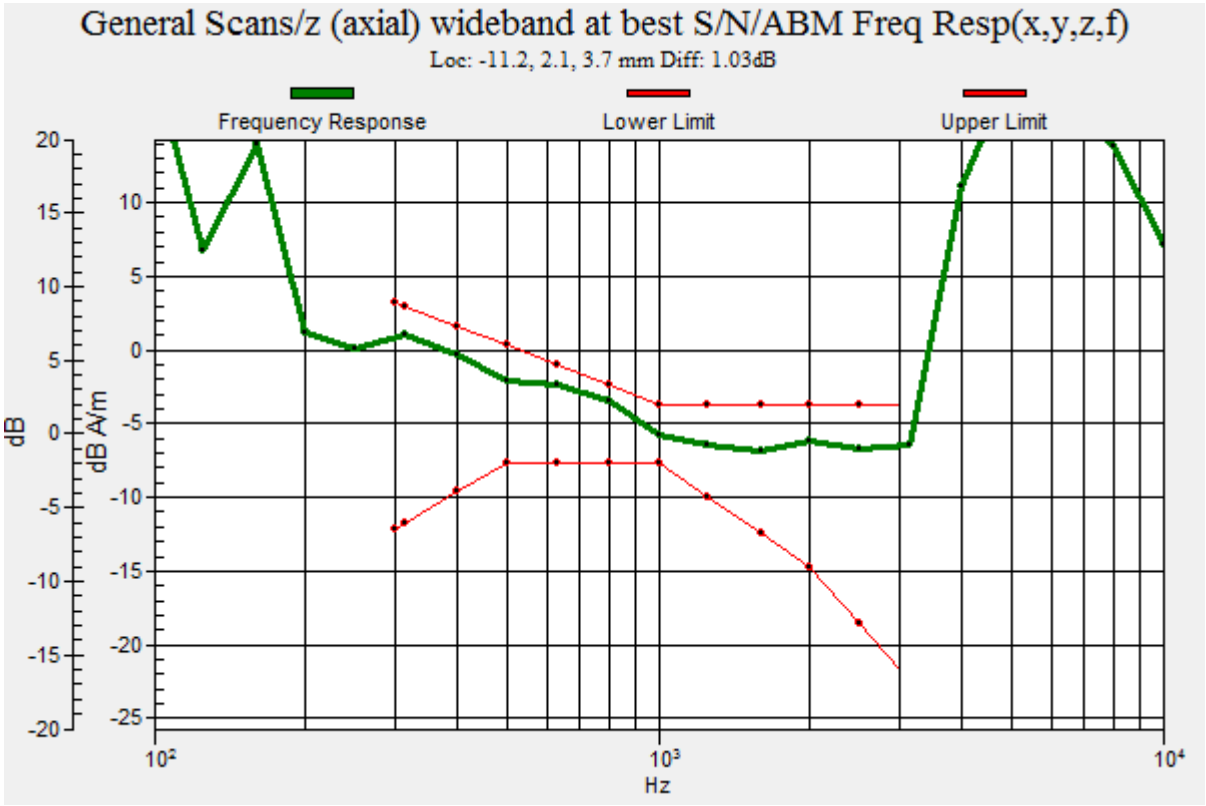
DASY5 Configuration:
- Probe: AM1DV2 - 1038; ; Calibrated: 2012/1/23
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn910; Calibrated: 2012/12/5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

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

ABM1/ABM2 = 41.83 dB
ABM1 comp = 6.23 dB A/m
Location: -4.2, 4.2, 3.7 mm



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


General Scans/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)
Loc: -11.2, 2.1, 3.7 mm Diff: 1.03dB
Frequency Response
Lower Limit
Upper Limit
dB
dB A/m
Hz
20
15
10
5
0
-5
-10
-15
-20
10
5
0
-5
-10
-15
-20
-25
10²
10³
10⁴

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2013/1/9

#07 T-Coil_WCDMA V_Voice_Ch4132_Radial 2 (Y)

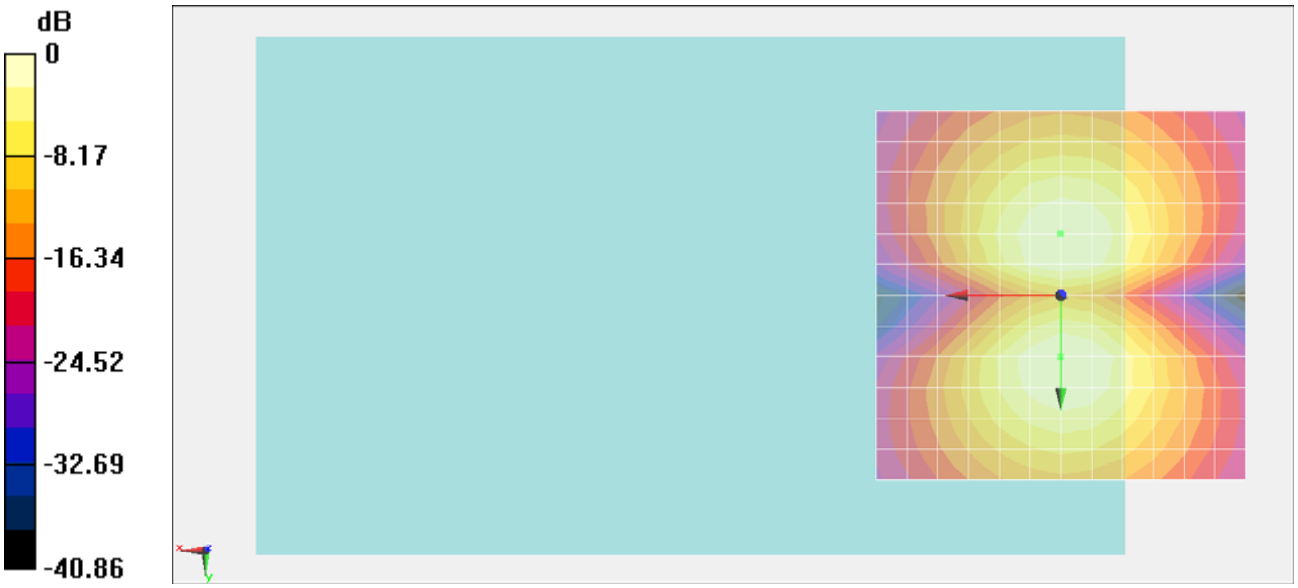
DUT: 2D2521

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：22.6 ℃

DASY5 Configuration:
- Probe: AM1DV2 - 1038; ; Calibrated: 2012/1/23
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn910; Calibrated: 2012/12/5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

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

ABM1/ABM2 = 41.10 dB
ABM1 comp = 0.55 dB A/m
Location: 0, -8.3, 3.7 mm



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

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2013/1/9

#08 T-Coil_WCDMA V_Voice_Ch4182_Axial (Z)

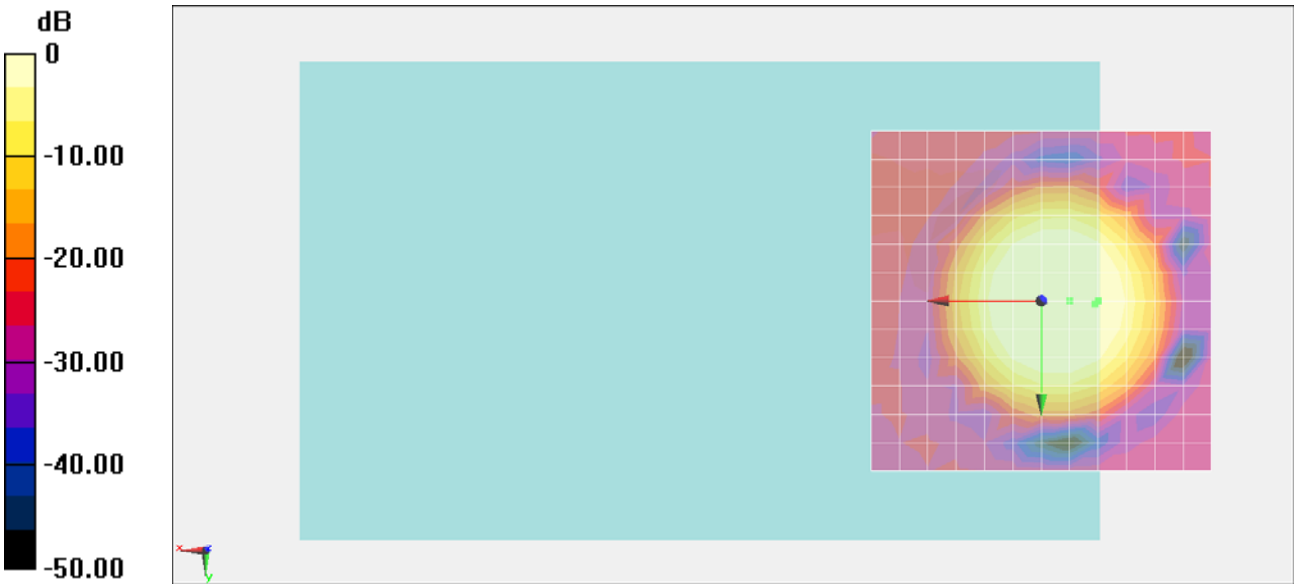
DUT: 2D2521

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：22.6 ℃

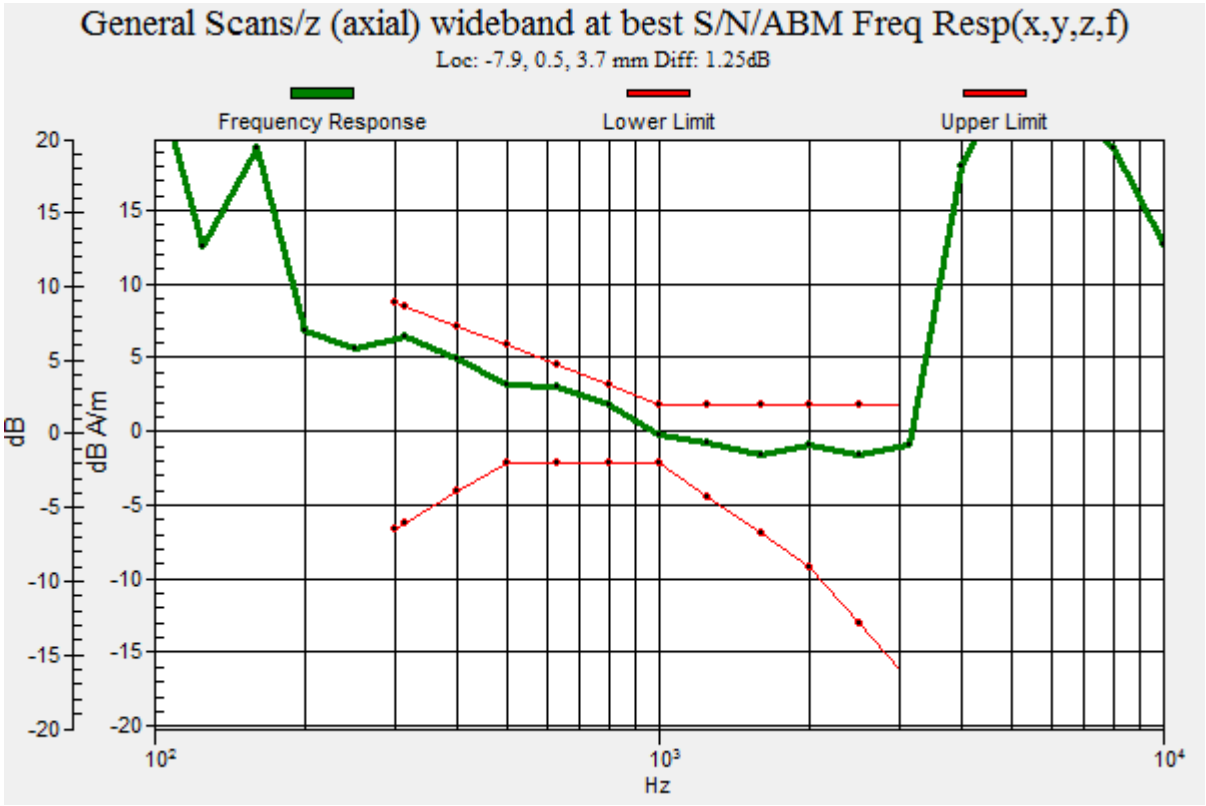
DASY5 Configuration:
- Probe: AM1DV2 - 1038; ; Calibrated: 2012/1/23
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn910; Calibrated: 2012/12/5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

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

ABM1/ABM2 = 41.57 dB
ABM1 comp = 3.77 dB A/m
Location: -8.3, 0, 3.7 mm



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


General Scans/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)
Loc: -7.9, 0.5, 3.7 mm Diff: 1.25dB
Frequency Response
Lower Limit
Upper Limit
dB
dB A/m
20
15
10
5
0
-5
-10
-15
-20
10^2
10^3
10^4
Hz

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2013/1/9

#08 T-Coil_WCDMA V_Voice_Ch4182_Radial 2 (Y)

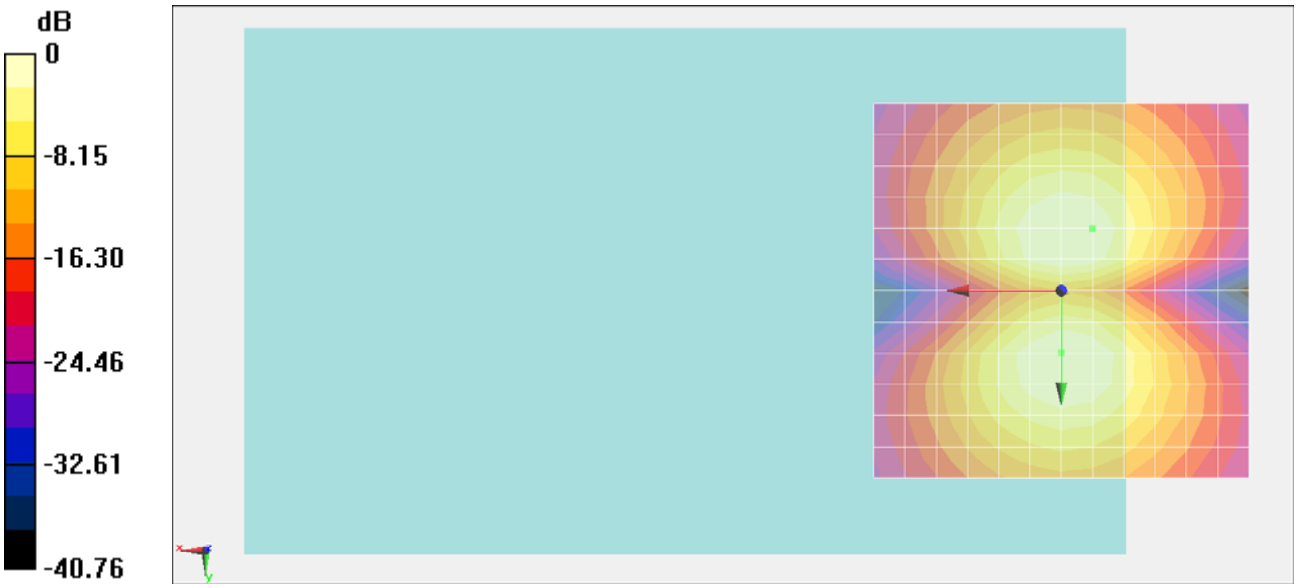
DUT: 2D2521

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：22.6 ℃

DASY5 Configuration:
- Probe: AM1DV2 - 1038; ; Calibrated: 2012/1/23
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn910; Calibrated: 2012/12/5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

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

ABM1/ABM2 = 41.07 dB
ABM1 comp = -0.36 dB A/m
Location: -4.2, -8.3, 3.7 mm



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

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2013/1/9

#09 T-Coil_WCDMA V_Voice_Ch4233_Axial (Z)

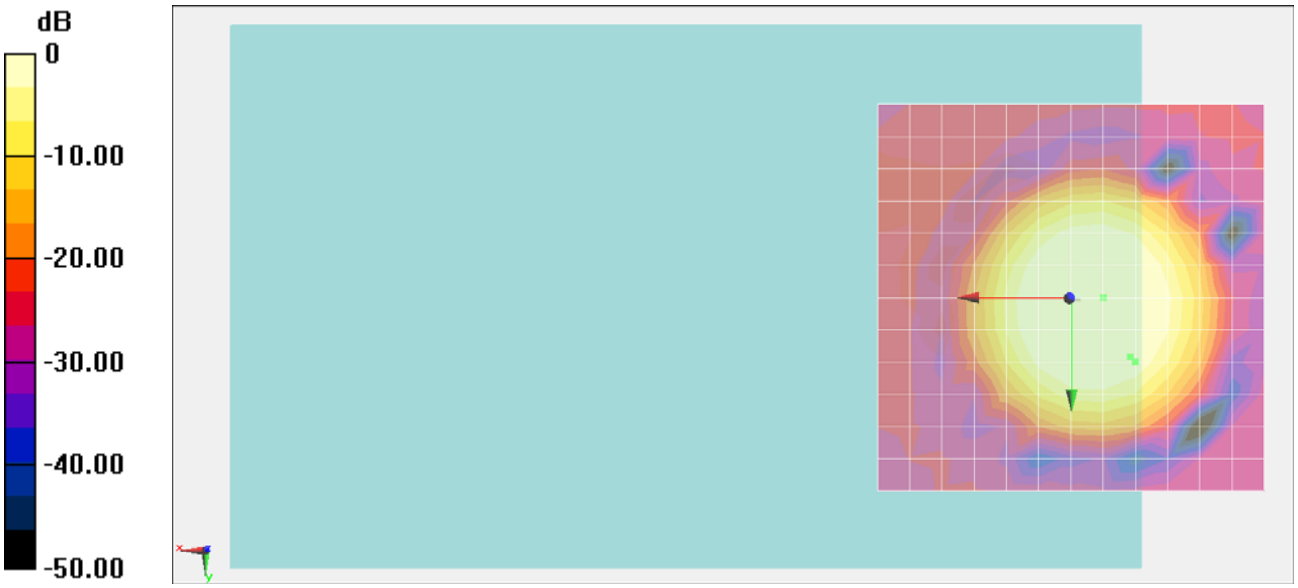
DUT: 2D2521

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：22.6 ℃

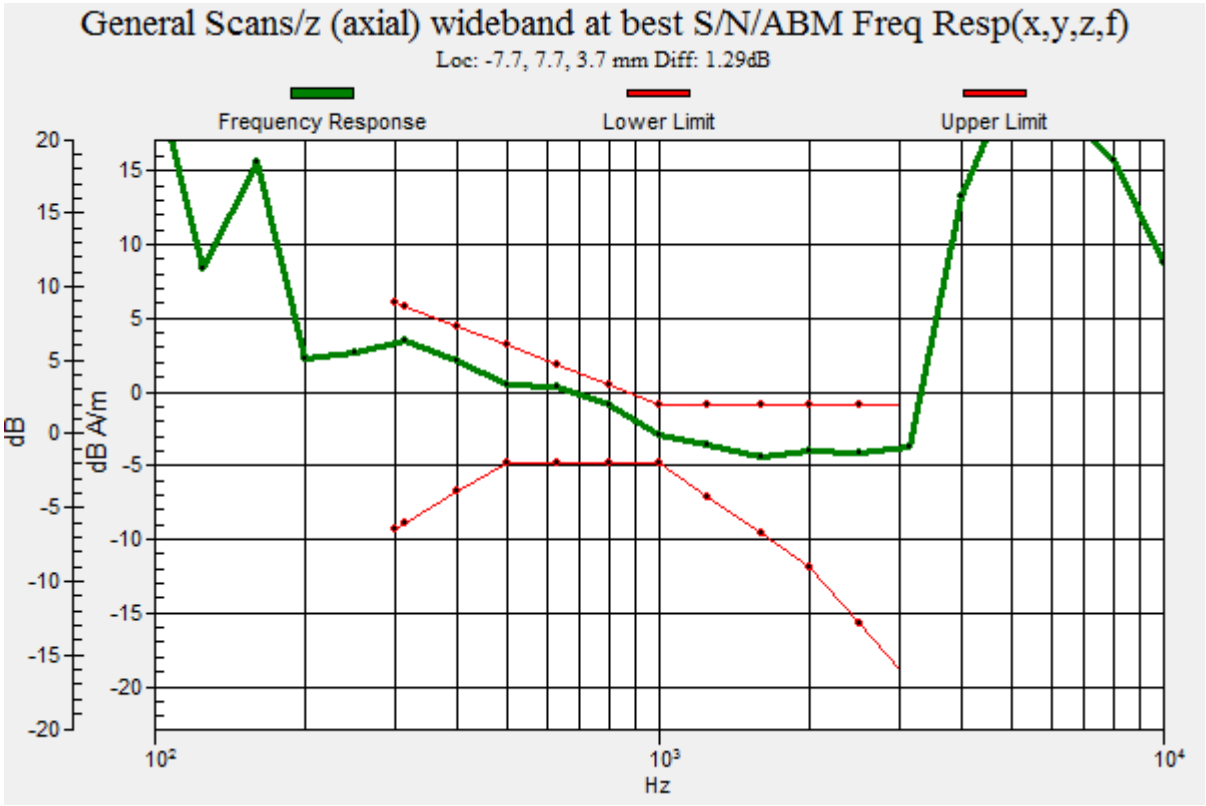
DASY5 Configuration:
- Probe: AM1DV2 - 1038; ; Calibrated: 2012/1/23
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn910; Calibrated: 2012/12/5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

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

ABM1/ABM2 = 40.29 dB
ABM1 comp = -0.09 dB A/m
Location: -8.3, 8.3, 3.7 mm



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


General Scans/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)
Loc: -7.7, 7.7, 3.7 mm Diff: 1.29dB
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

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2013/1/9

#09 T-Coil_WCDMA V_Voice_Ch4233_Radial 2 (Y)

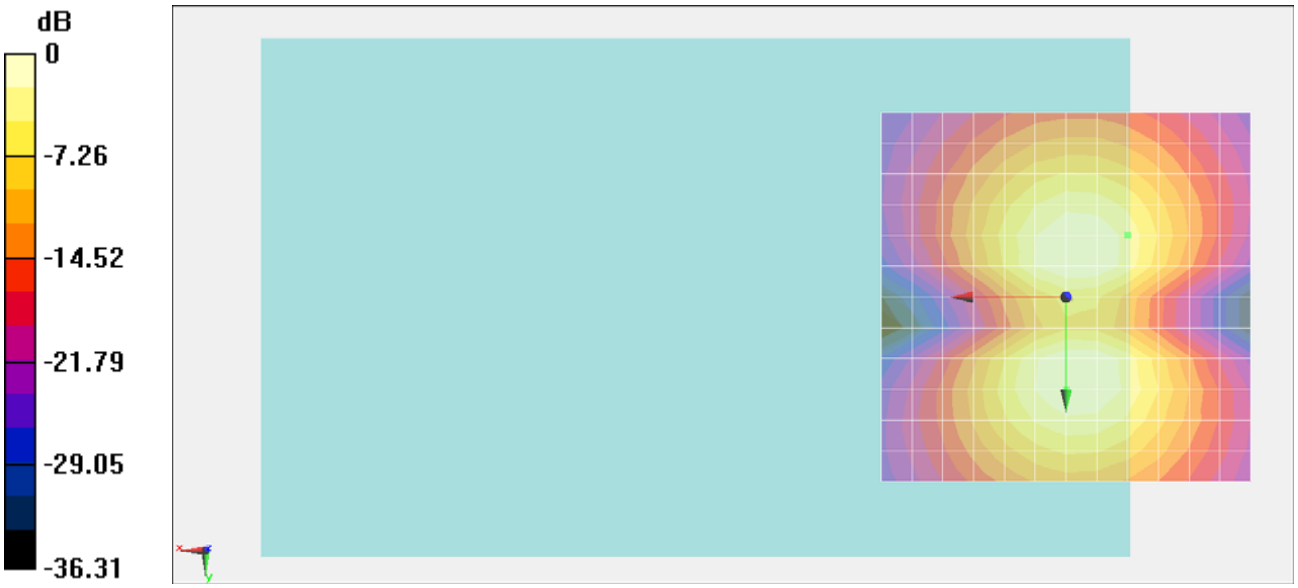
DUT: 2D2521

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：22.6 ℃

DASY5 Configuration:
- Probe: AM1DV2 - 1038; ; Calibrated: 2012/1/23
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn910; Calibrated: 2012/12/5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

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

ABM1/ABM2 = 39.93 dB
ABM1 comp = -3.16 dB A/m
Location: -8.3, -8.3, 3.7 mm



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

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2013/1/9

#10 T-Coil_WCDMA II_Voice_Ch9262_Axial (Z)

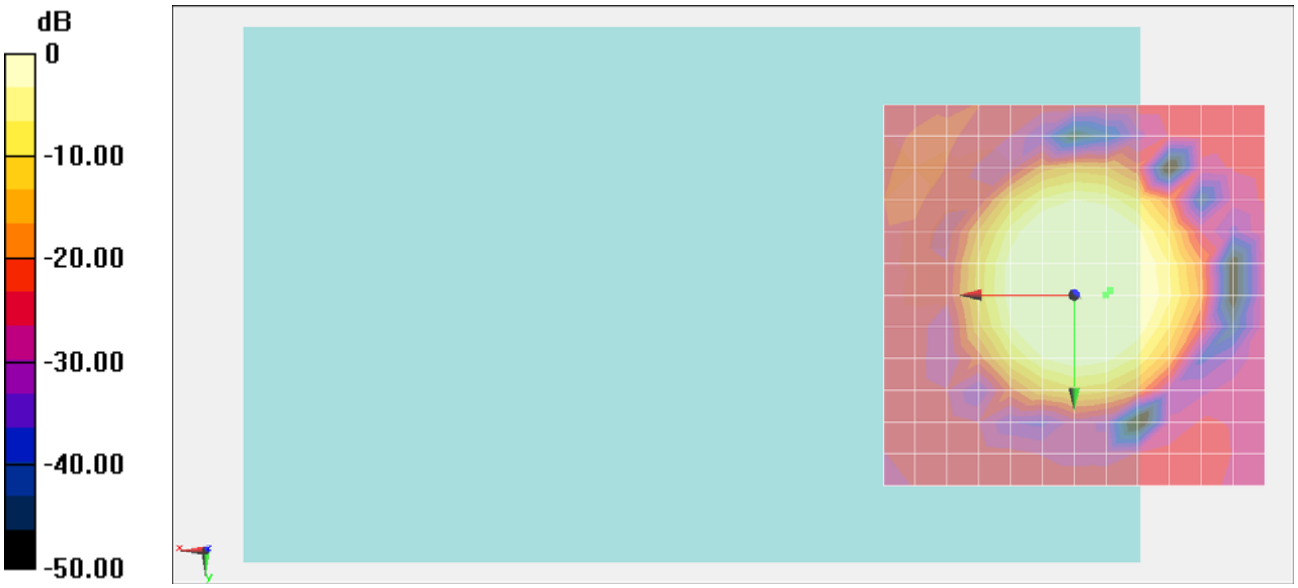
DUT: 2D2521

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：22.6 ℃

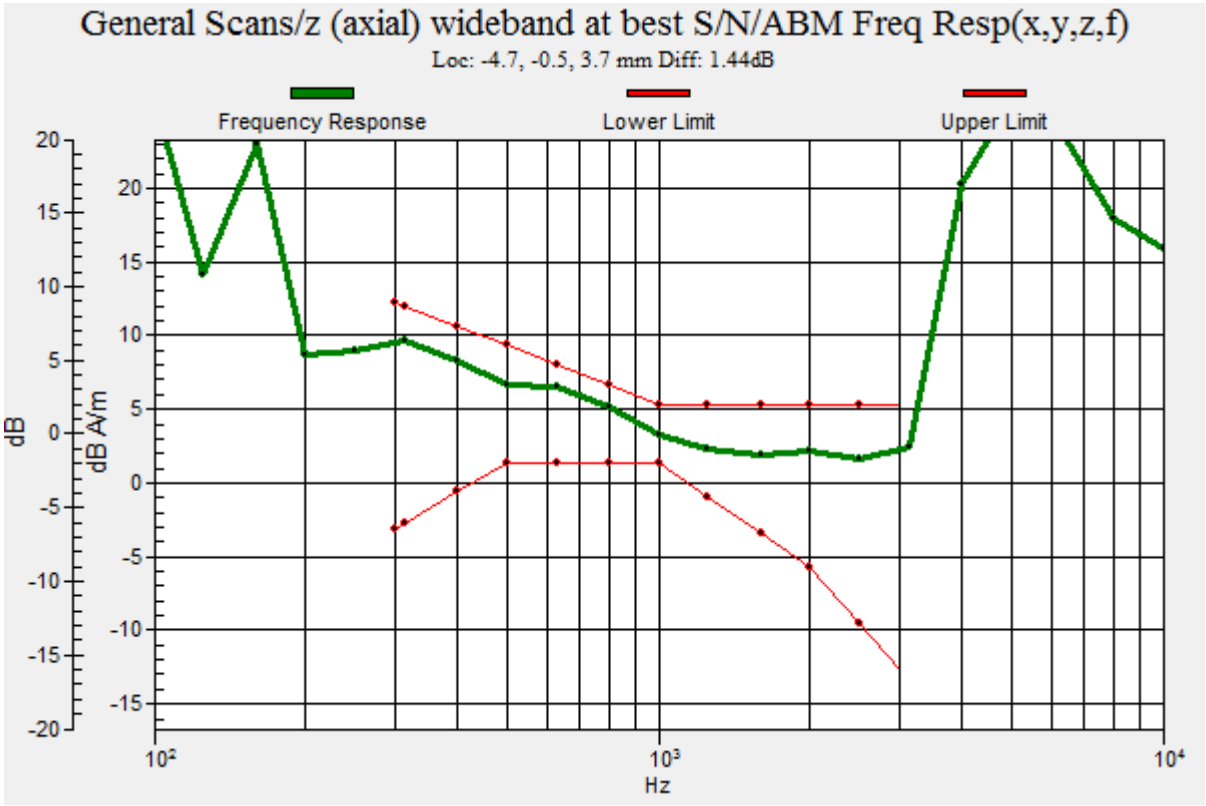
DASY5 Configuration:
- Probe: AM1DV2 - 1038; ; Calibrated: 2012/1/23
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn910; Calibrated: 2012/12/5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

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

ABM1/ABM2 = 38.55 dB
ABM1 comp = 7.52 dB A/m
Location: -4.2, 0, 3.7 mm



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


General Scans/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)
Loc: -4.7, -0.5, 3.7 mm Diff: 1.44dB
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

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2013/1/9

#10 T-Coil_WCDMA II_Voice_Ch9262_Radial 2 (Y)

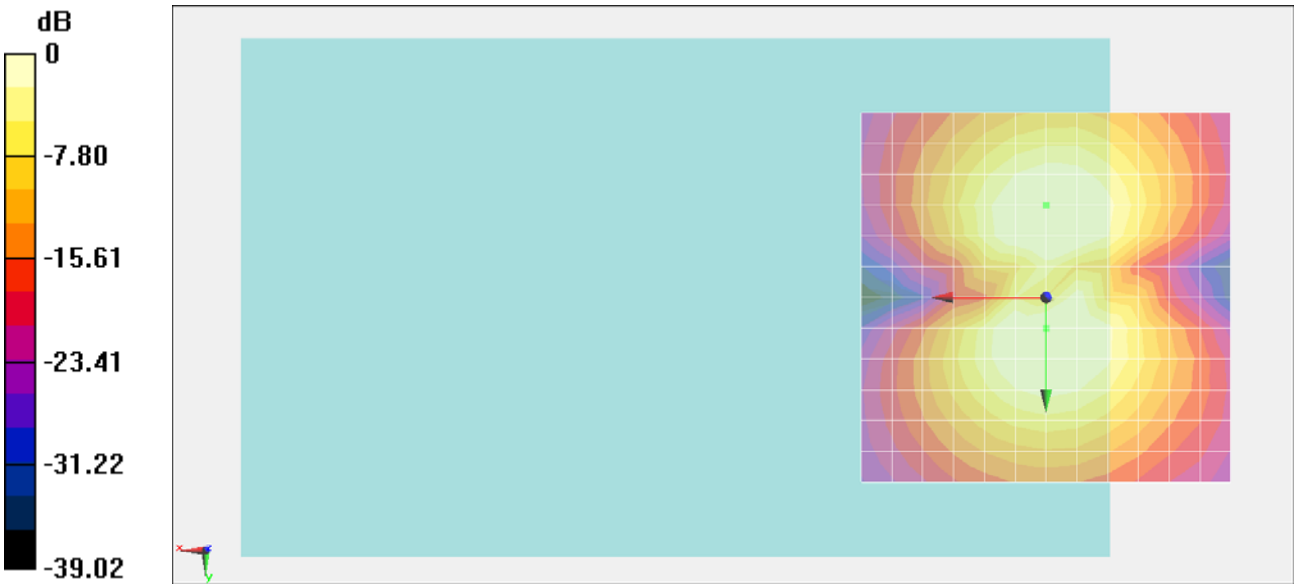
DUT: 2D2521

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：22.6 ℃

DASY5 Configuration:
- Probe: AM1DV2 - 1038; ; Calibrated: 2012/1/23
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn910; Calibrated: 2012/12/5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

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

ABM1/ABM2 = 37.60 dB
ABM1 comp = 2.49 dB A/m
Location: 0, -12.5, 3.7 mm



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

#11 T-Coil_WCDMA II_Voice_Ch9400_Axial (Z)

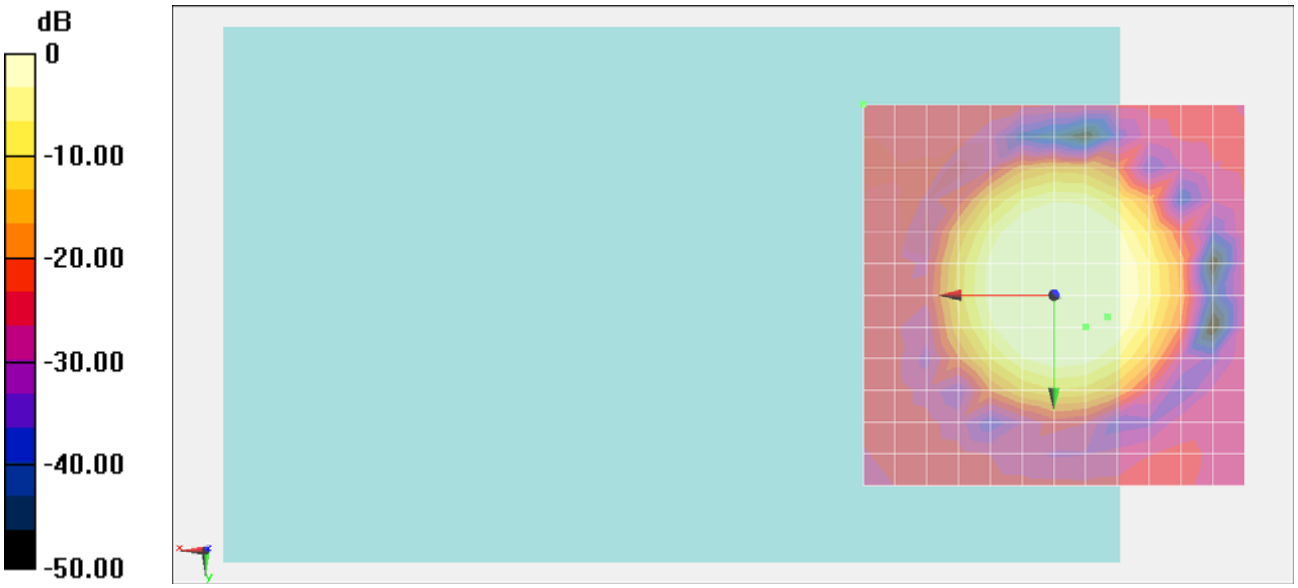
DUT: 2D2521

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：22.6 ℃

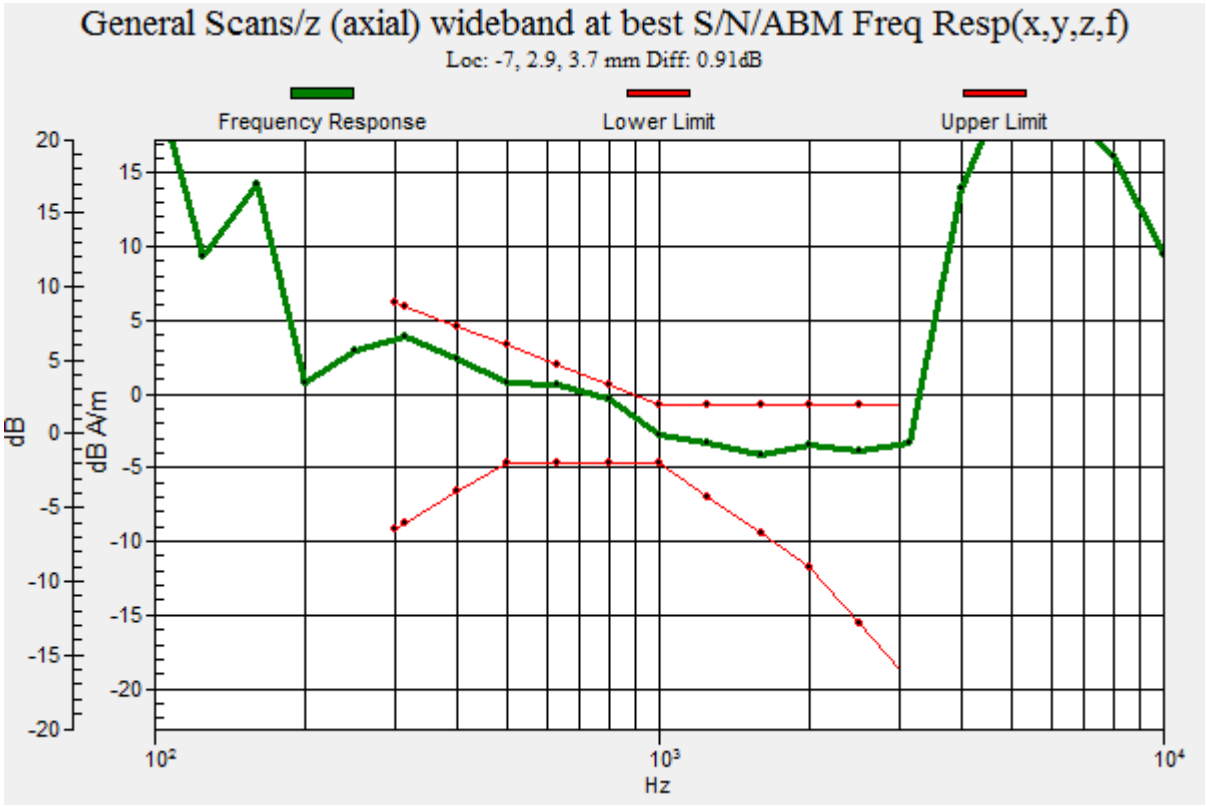
DASY5 Configuration:
- Probe: AM1DV2 - 1038; ; Calibrated: 2012/1/23
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn910; Calibrated: 2012/12/5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

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

ABM1/ABM2 = 40.11 dB
ABM1 comp = 4.65 dB A/m
Location: -4.2, 4.2, 3.7 mm



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


General Scans/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)
Loc: -7, 2.9, 3.7 mm Diff: 0.91dB
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

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2013/1/10

#11 T-Coil_WCDMA II_Voice_Ch9400_Radial 2 (Y)

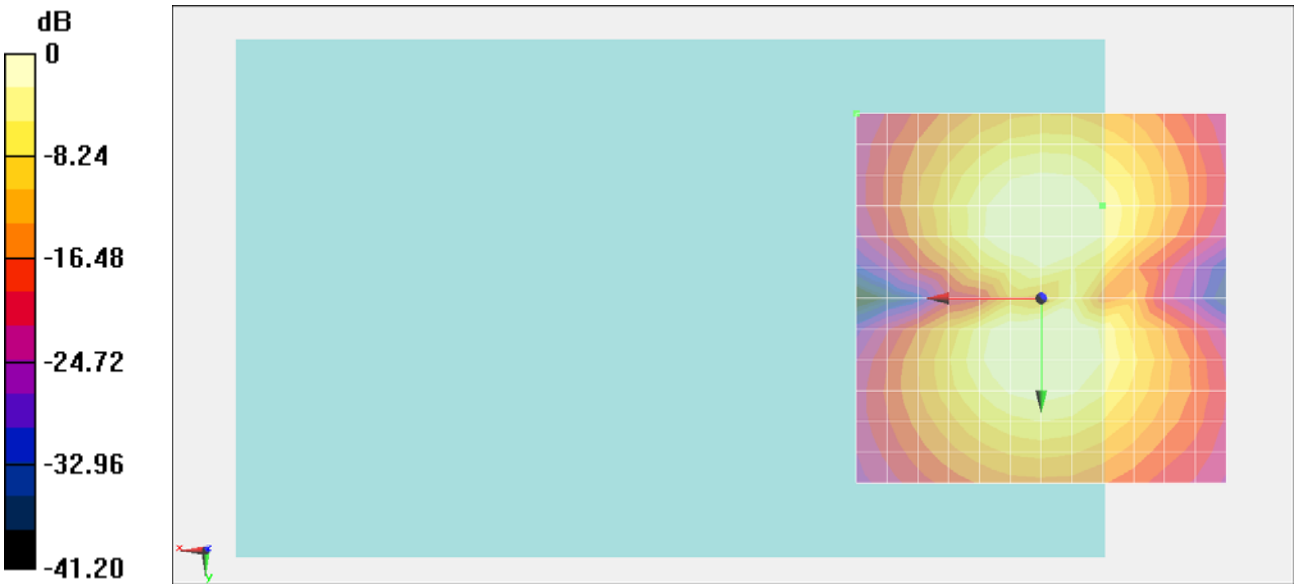
DUT: 2D2521

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：22.6 ℃

DASY5 Configuration:
- Probe: AM1DV2 - 1038; ; Calibrated: 2012/1/23
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn910; Calibrated: 2012/12/5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

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

ABM1/ABM2 = 41.06 dB
ABM1 comp = -2.84 dB A/m
Location: -8.3, -12.5, 3.7 mm



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

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2013/1/10

#12 T-Coil_WCDMA II_Voice_Ch9538_Axial (Z)

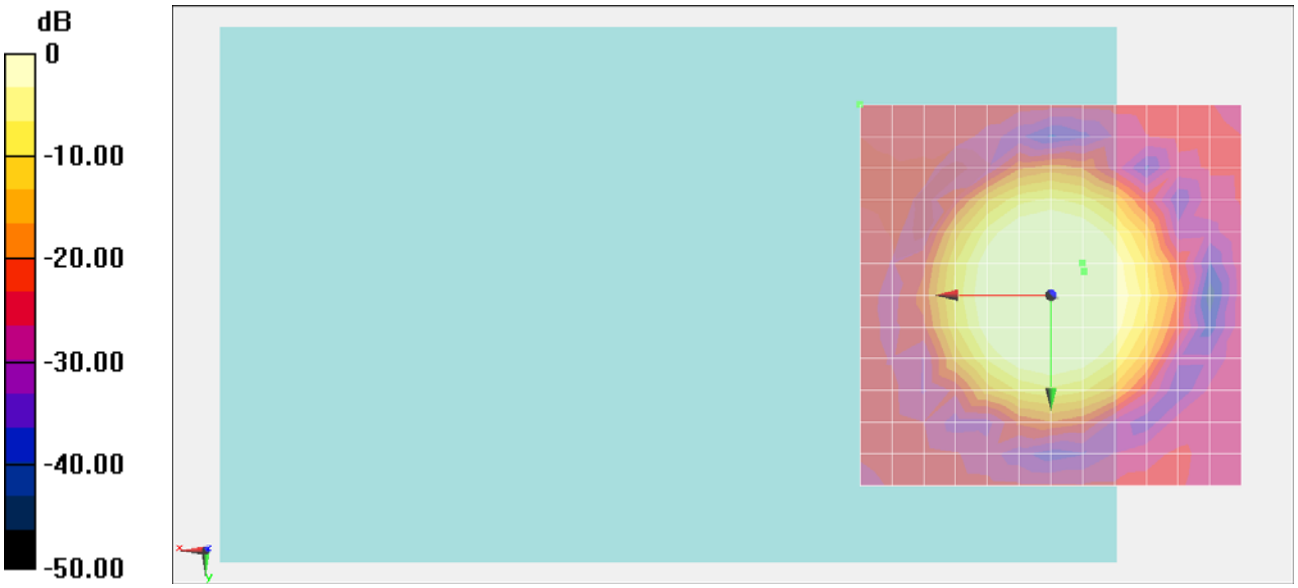
DUT: 2D2521

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：22.6 ℃

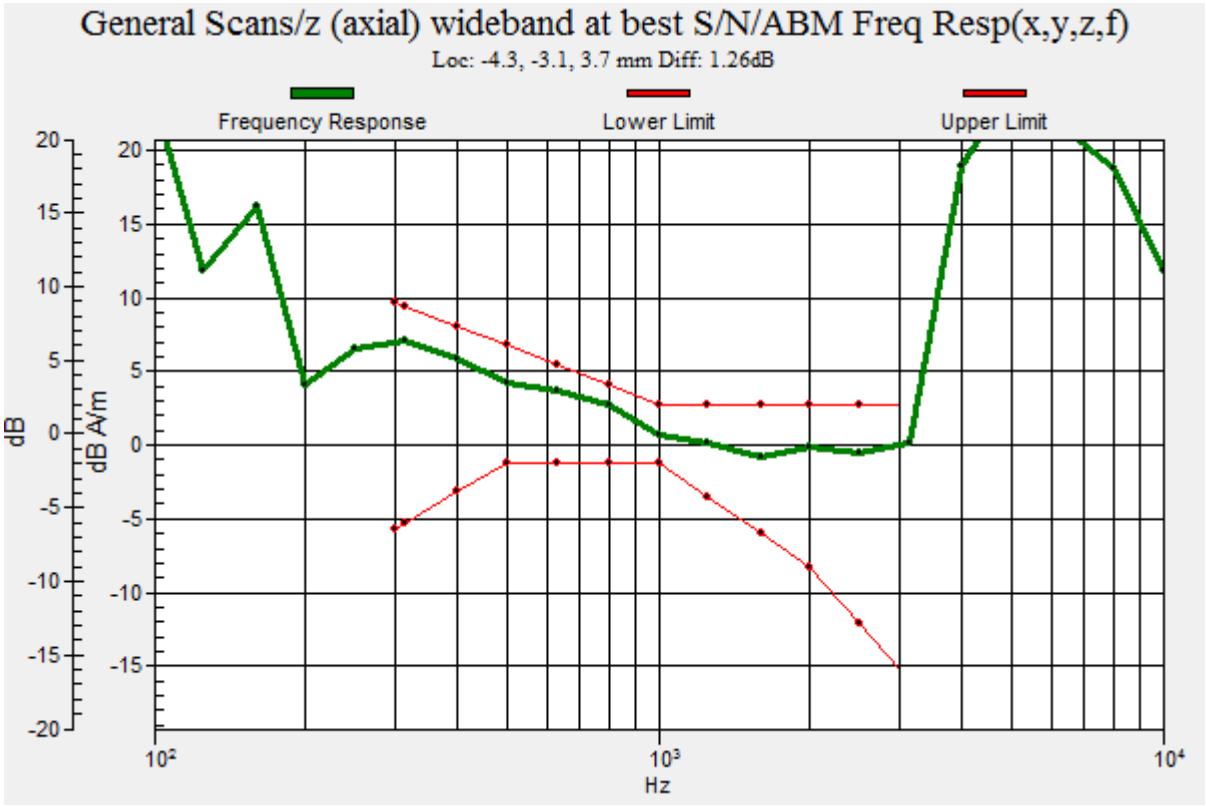
DASY5 Configuration:
- Probe: AM1DV2 - 1038; ; Calibrated: 2012/1/23
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn910; Calibrated: 2012/12/5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

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

ABM1/ABM2 = 38.17 dB
ABM1 comp = 5.37 dB A/m
Location: -4.2, -4.2, 3.7 mm



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


General Scans/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)
Loc: -4.3, -3.1, 3.7 mm Diff: 1.26dB
Frequency Response
Lower Limit
Upper Limit
dB
dB A/m
20
15
10
5
0
-5
-10
-15
-20
10^2
10^3
10^4
Hz

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2013/1/10

#12 T-Coil_WCDMA II_Voice_Ch9538_Radial 2 (Y)

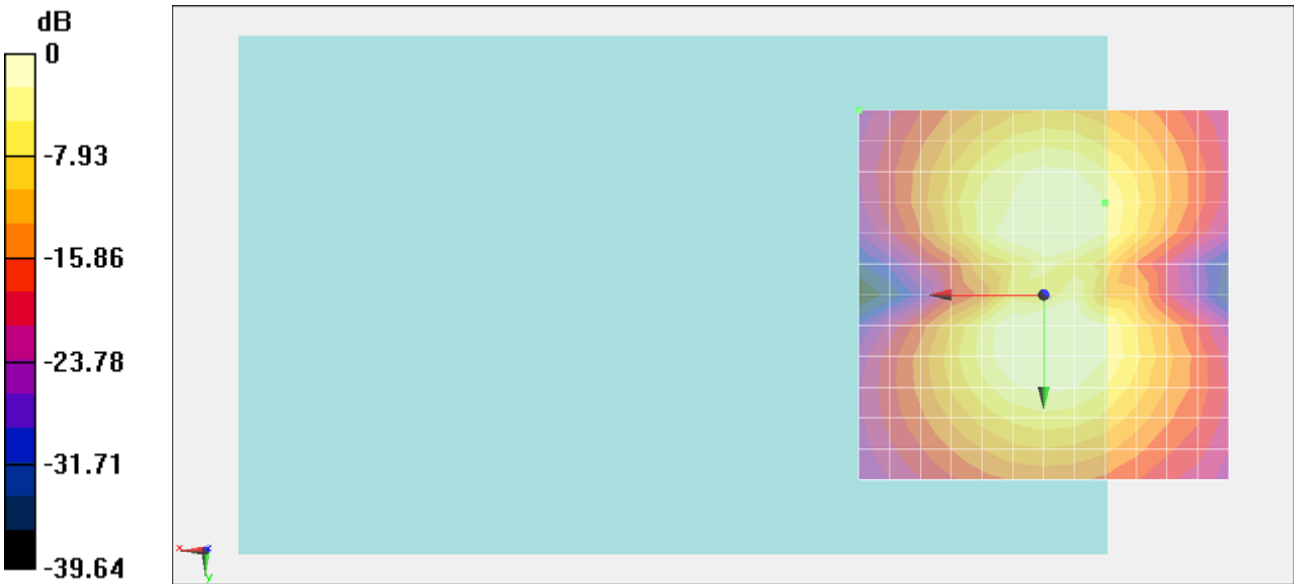
DUT: 2D2521

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：22.6 ℃

DASY5 Configuration:
- Probe: AM1DV2 - 1038; ; Calibrated: 2012/1/23
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn910; Calibrated: 2012/12/5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

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

ABM1/ABM2 = 39.60 dB
ABM1 comp = -2.58 dB A/m
Location: -8.3, -12.5, 3.7 mm



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