

**#01\_HAC\_T-Coil\_GSM850\_Voice(speech codehandset low)\_Ch189\_Axial (Z)**

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

Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C

**DASY5 Configuration**

- Probe: AM1DV2 - 1038; ; Calibrated: 2015/1/28
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1279; Calibrated: 2015/7/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

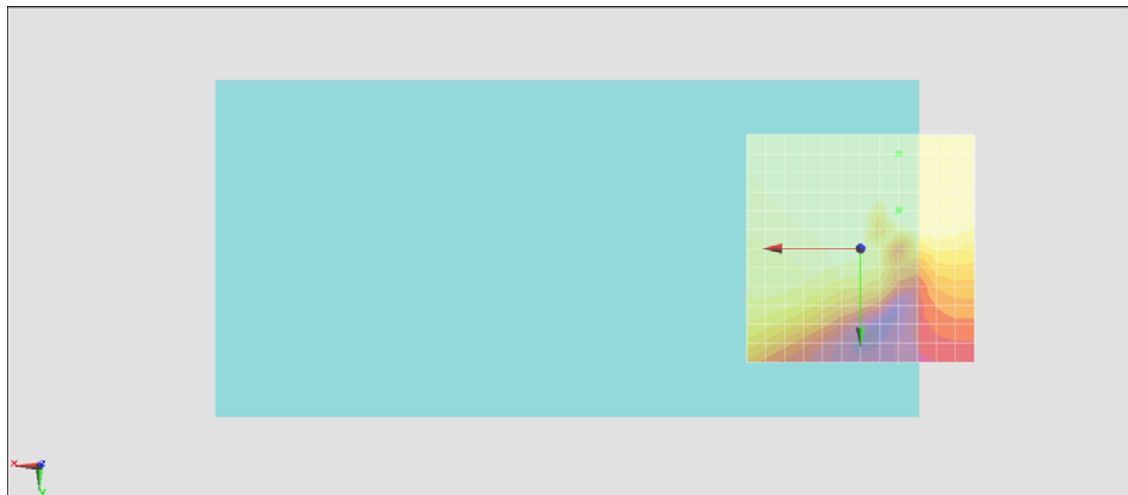
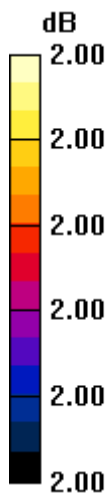
**General Scans/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1):** Measurement grid:

dx=10mm, dy=10mm

ABM1/ABM2 = 36.55 dB

ABM1 comp = 3.87 dBA/m

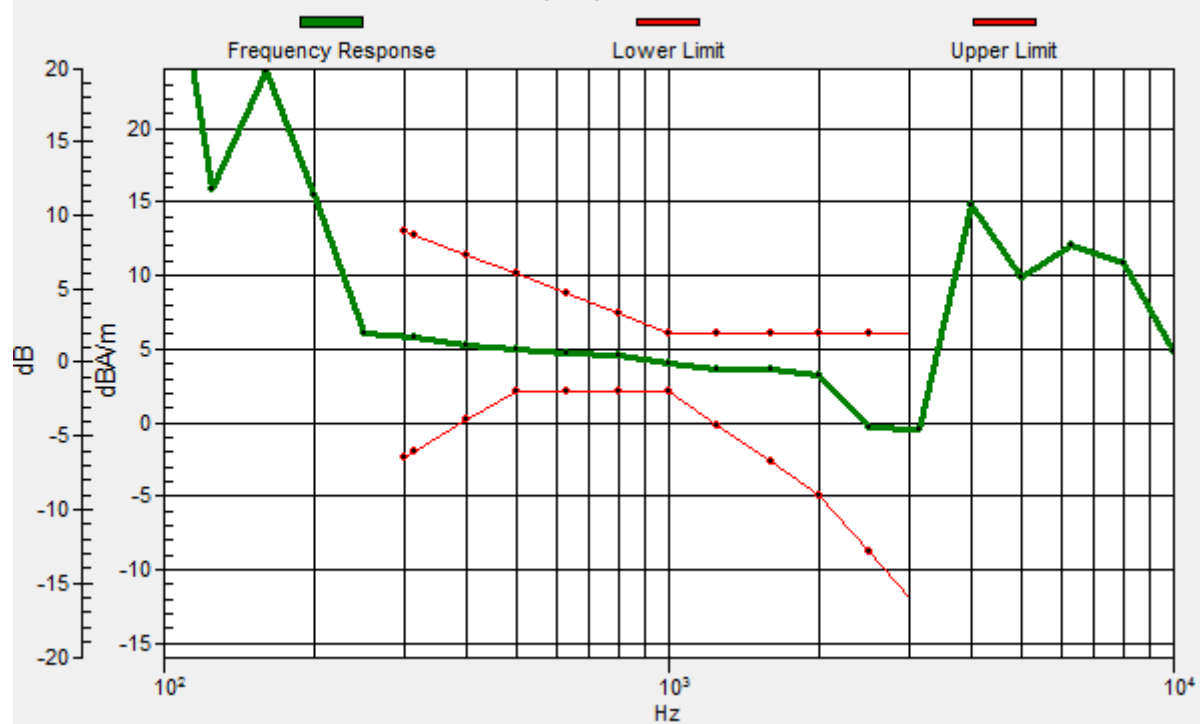
Location: -8.3, -8.3, 3.7 mm



0 dB = 1.00 dB

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

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



**#01\_HAC\_T-Coil\_GSM850\_Voice(speech code handset low)\_Ch189\_Transversal (Y)**

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

Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C

**DASY5 Configuration**

- Probe: AM1DV2 - 1038; ; Calibrated: 2015/1/28
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1279; Calibrated: 2015/7/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

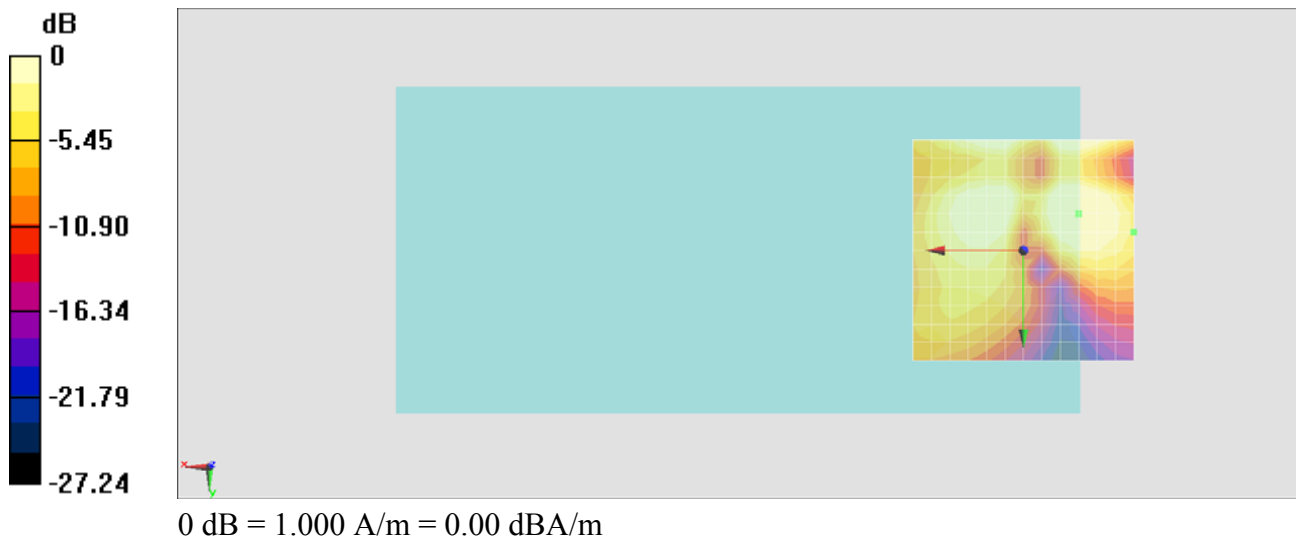
**General Scans/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement**

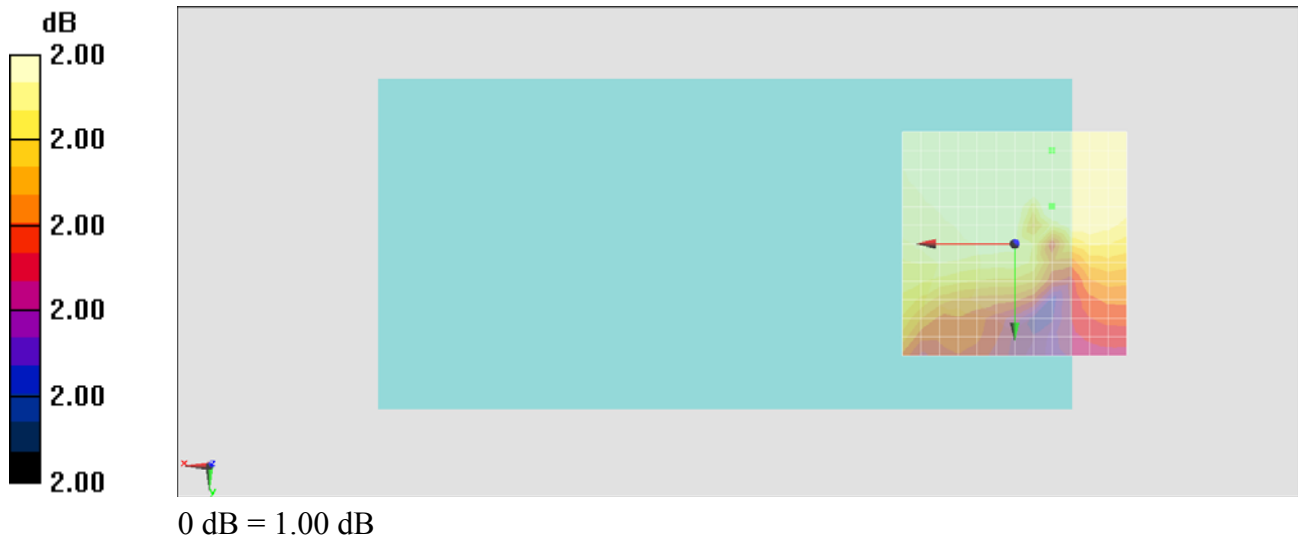
grid: dx=10mm, dy=10mm

ABM1/ABM2 = 36.71 dB

ABM1 comp = -3.96 dBA/m

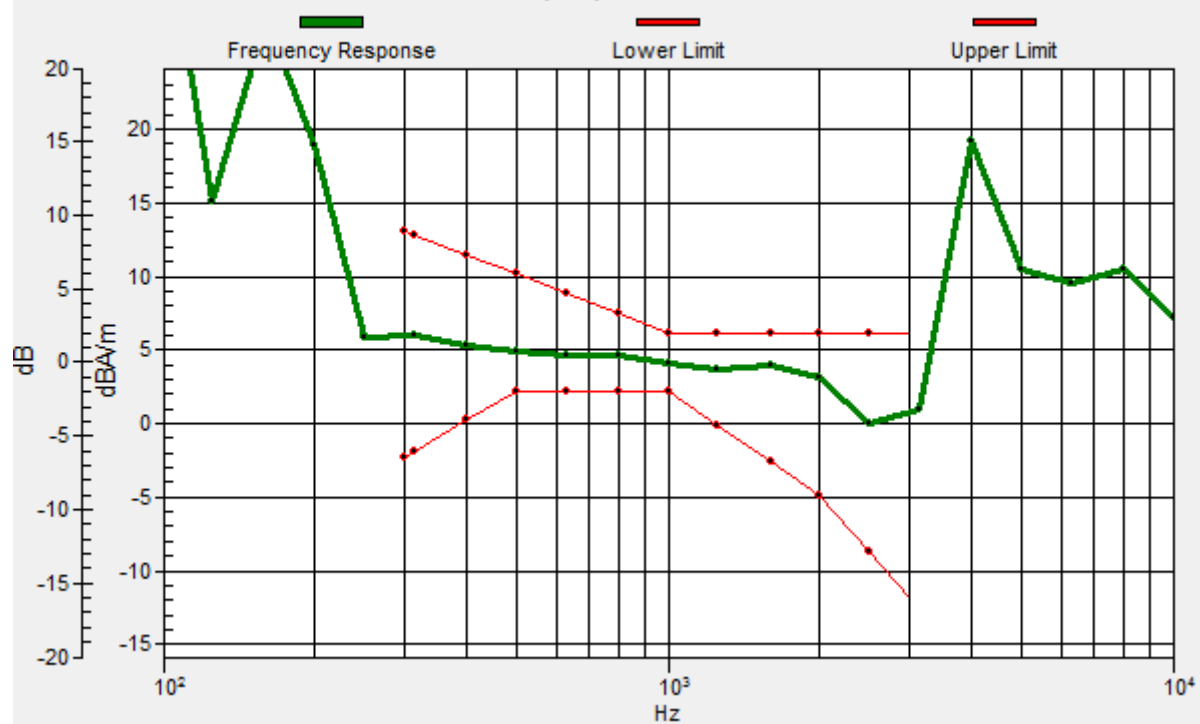
Location: -25, -4.2, 3.7 mm





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

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



**#02\_HAC\_T-Coil\_GSM1900\_Voice(speech code handset low)\_Ch661\_Transversal (Y)**

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

Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C

**DASY5 Configuration**

- Probe: AM1DV2 - 1038; ; Calibrated: 2015/1/28
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1279; Calibrated: 2015/7/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

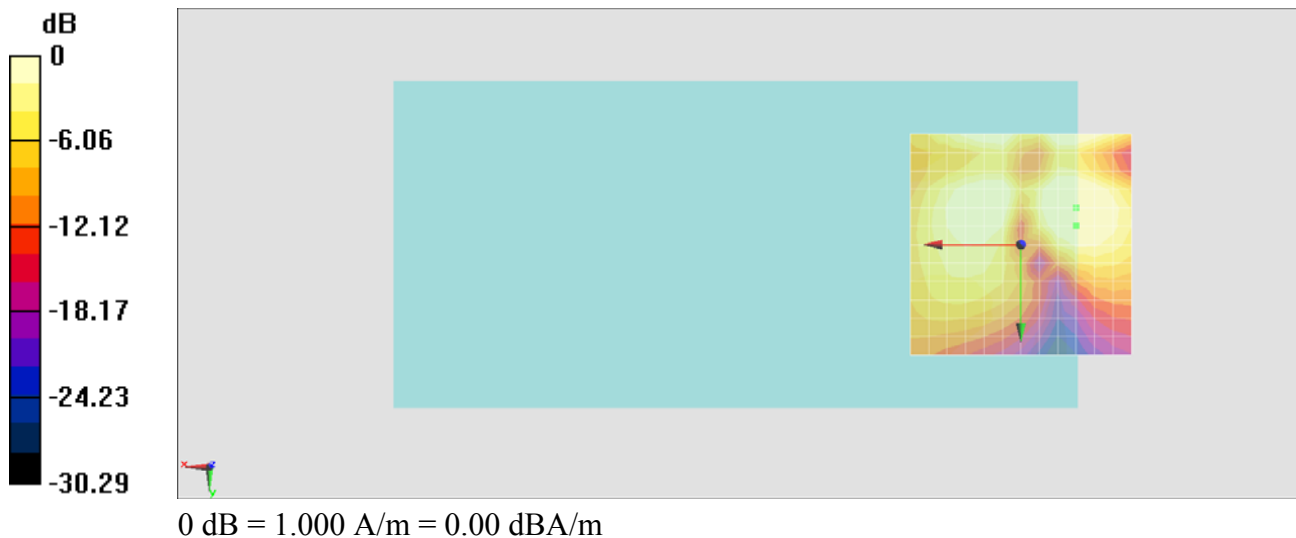
**General Scans/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement**

grid: dx=10mm, dy=10mm

ABM1/ABM2 = 37.94 dB

ABM1 comp = 2.03 dBA/m

Location: -12.5, -4.2, 3.7 mm



**#03\_HAC\_T-Coil\_WCDMA V\_Voice(speech codec low)\_Ch4182\_Axial (Z)**

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

Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C

**DASY5 Configuration**

- Probe: AM1DV2 - 1038; ; Calibrated: 2015/1/28
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1279; Calibrated: 2015/7/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

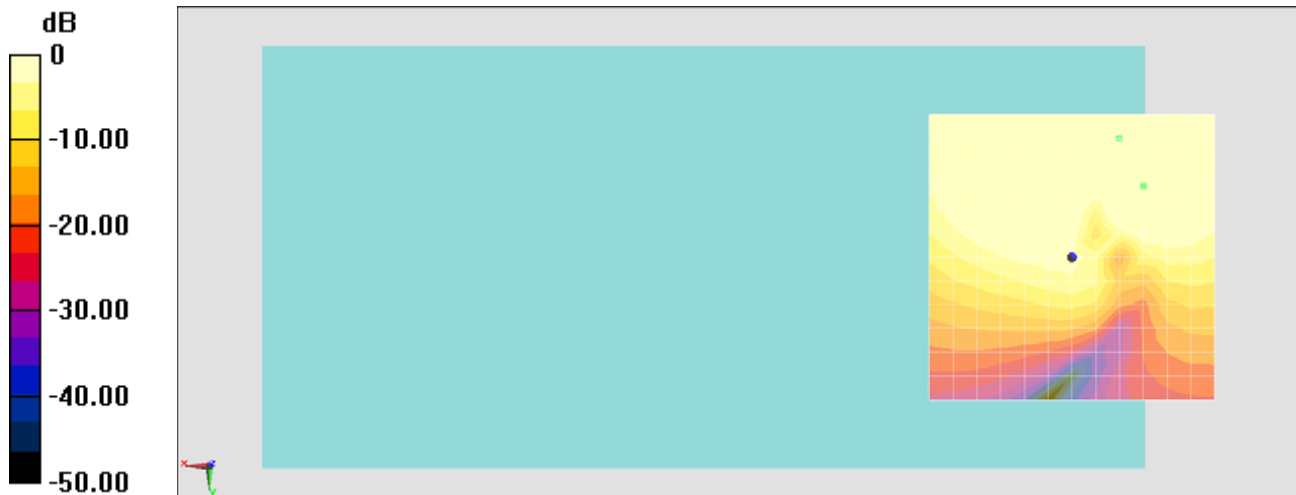
**General Scans/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1):** Measurement grid:

dx=10mm, dy=10mm

ABM1/ABM2 = 38.13 dB

ABM1 comp = 10.51 dBA/m

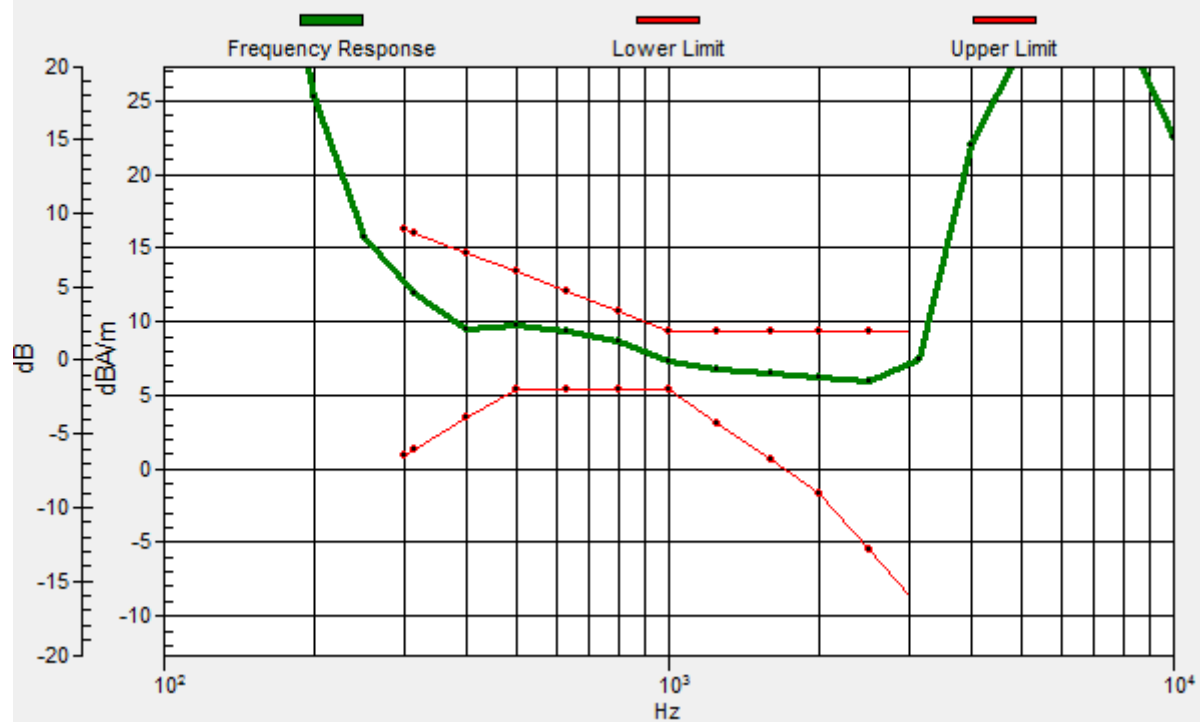
Location: -12.5, -12.5, 3.7 mm



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

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

Loc: -12.5, -12.5, 3.7 mm Diff: 1.97dB



**#03\_HAC\_T-Coil\_WCDMA V\_Voice(speech codec low)\_Ch4182\_Transversal (Y)**

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

Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C

**DASY5 Configuration**

- Probe: AM1DV2 - 1038; ; Calibrated: 2015/1/28
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1279; Calibrated: 2015/7/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

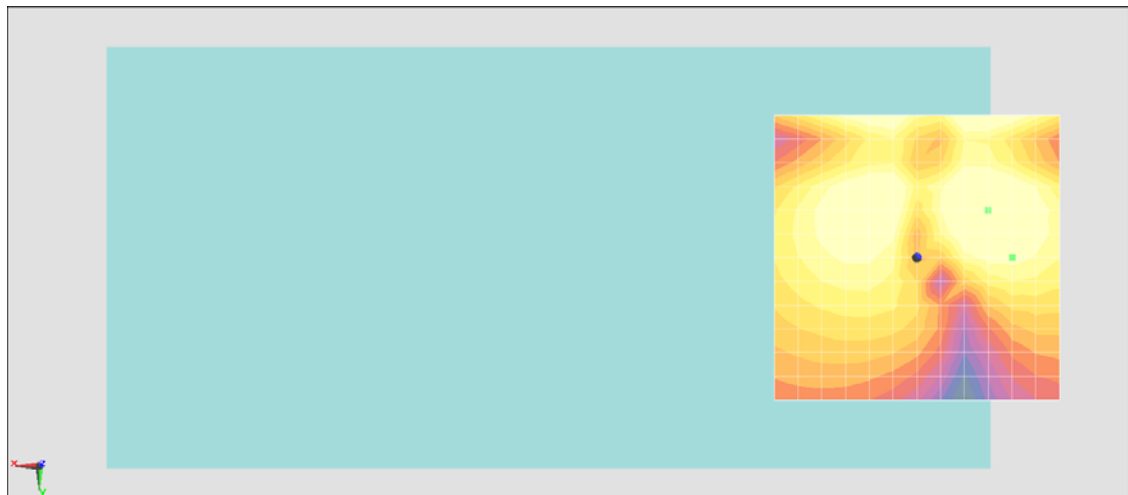
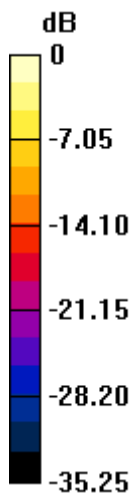
**General Scans/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement**

grid: dx=10mm, dy=10mm

ABM1/ABM2 = 38.41 dB

ABM1 comp = -1.20 dBA/m

Location: -16.7, 0, 3.7 mm



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

**#04\_HAC\_T-Coil\_WCDMA IV\_Voice(speech codec low)\_Ch1413\_Axial (Z)**

Communication System: WCDMA ; Frequency: 1732.6 MHz; Duty Cycle: 1:1

Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C

**DASY5 Configuration**

- Probe: AM1DV2 - 1038; ; Calibrated: 2015/1/28
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1279; Calibrated: 2015/7/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

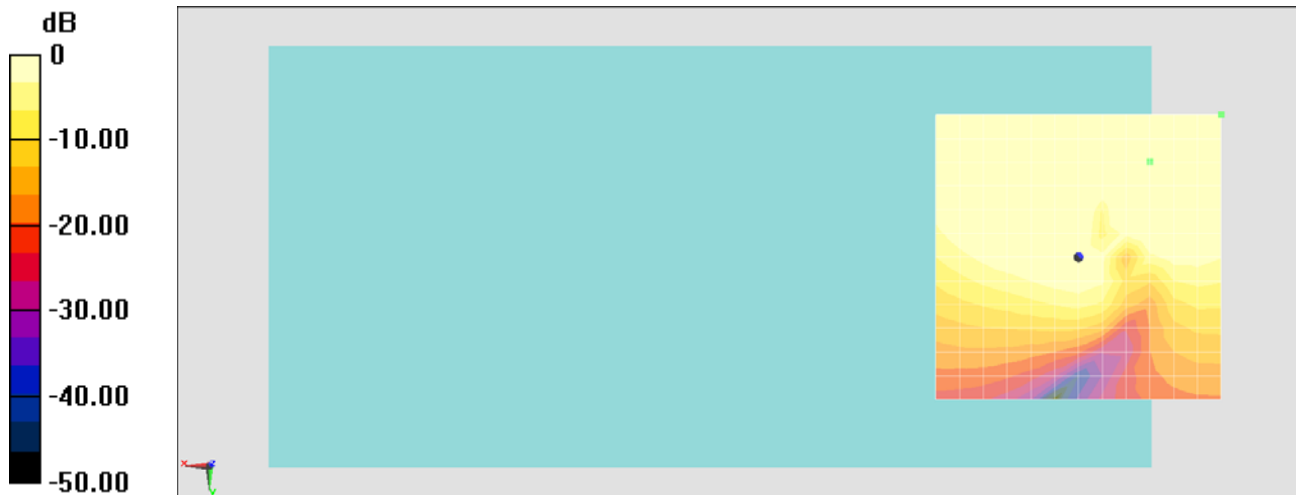
**General Scans/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement grid:**

dx=10mm, dy=10mm

ABM1/ABM2 = 39.15 dB

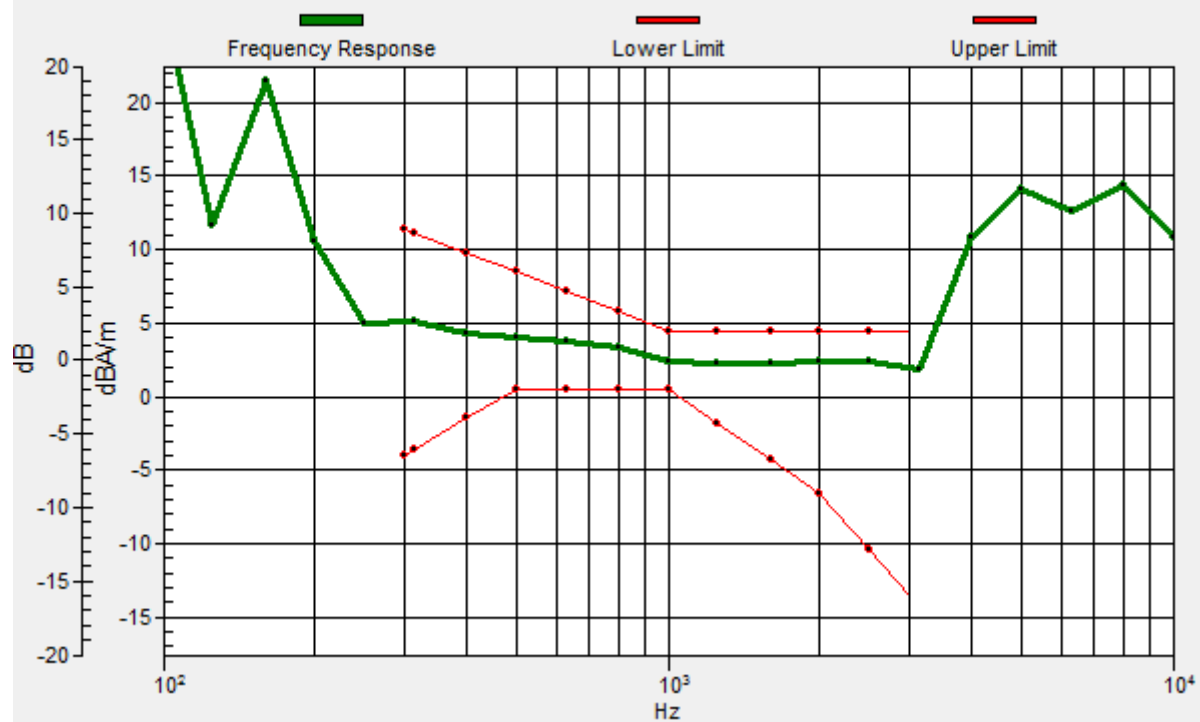
ABM1 comp = 4.41 dBA/m

Location: -25, -25, 3.7 mm



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

Loc: -25, -25, 3.7 mm Diff: 2dB



**#04\_HAC\_T-Coil\_WCDMA IV\_Voice(speech codec low)\_Ch1413\_Transversal (Y)**

Communication System: WCDMA ; Frequency: 1732.6 MHz; Duty Cycle: 1:1

Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C

**DASY5 Configuration**

- Probe: AM1DV2 - 1038; ; Calibrated: 2015/1/28
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1279; Calibrated: 2015/7/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

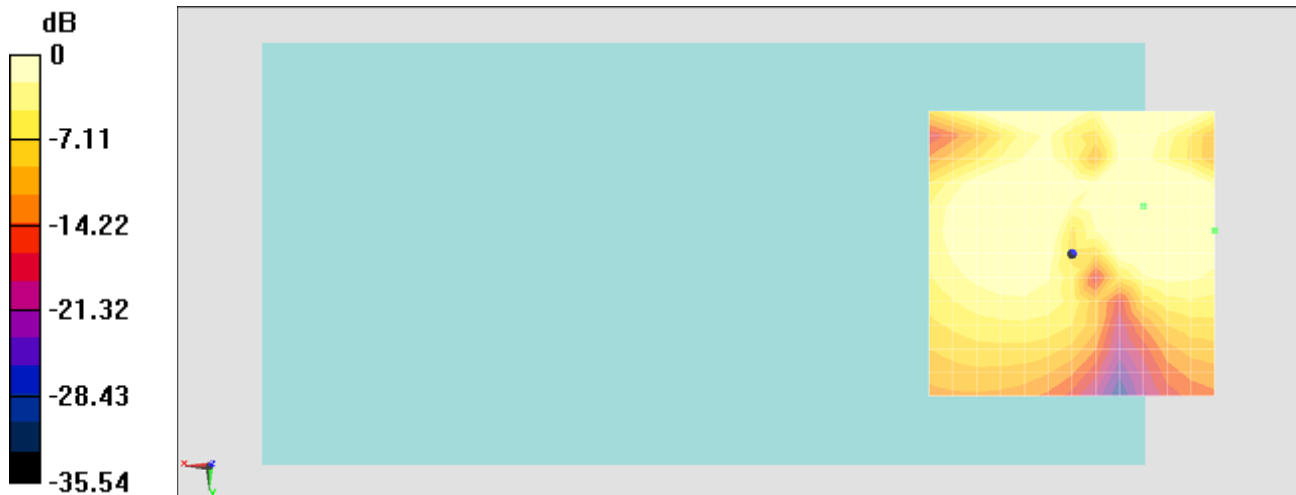
**General Scans/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement**

grid: dx=10mm, dy=10mm

ABM1/ABM2 = 39.18 dB

ABM1 comp = -0.20 dBA/m

Location: -25, -4.2, 3.7 mm



**#05\_HAC\_T-Coil\_WCDMA II\_Voice(speech codec low)\_Ch9400\_Axial (Z)**

Communication System: WCDMA ; Frequency: 1880 MHz;Duty Cycle: 1:1

Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C

**DASY5 Configuration**

- Probe: AM1DV2 - 1038; ; Calibrated: 2015/1/28
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1279; Calibrated: 2015/7/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

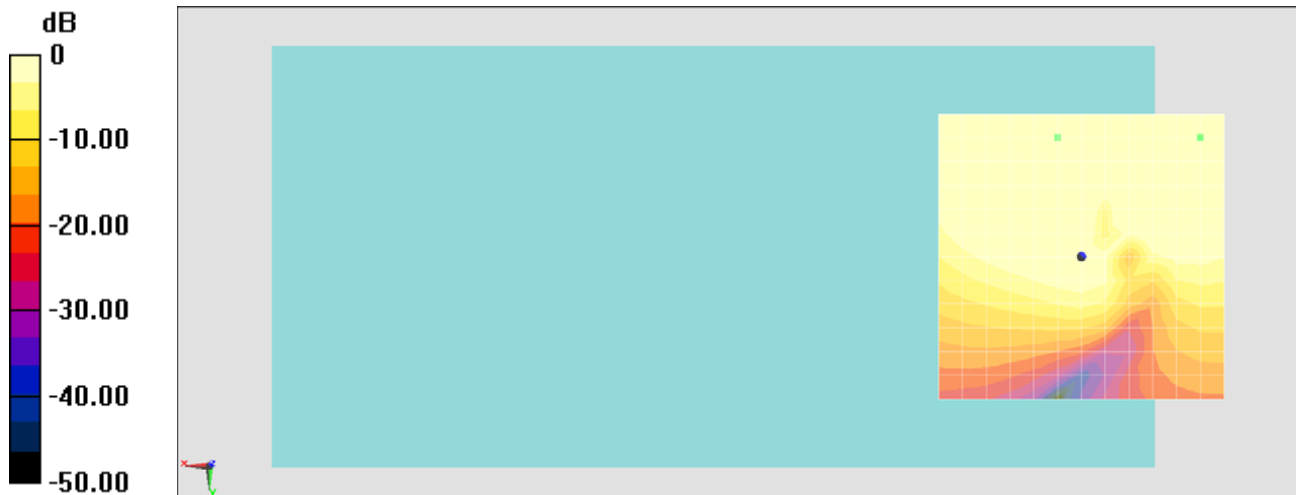
**General Scans/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1):** Measurement grid:

dx=10mm, dy=10mm

ABM1/ABM2 = 39.15 dB

ABM1 comp = 9.53 dBA/m

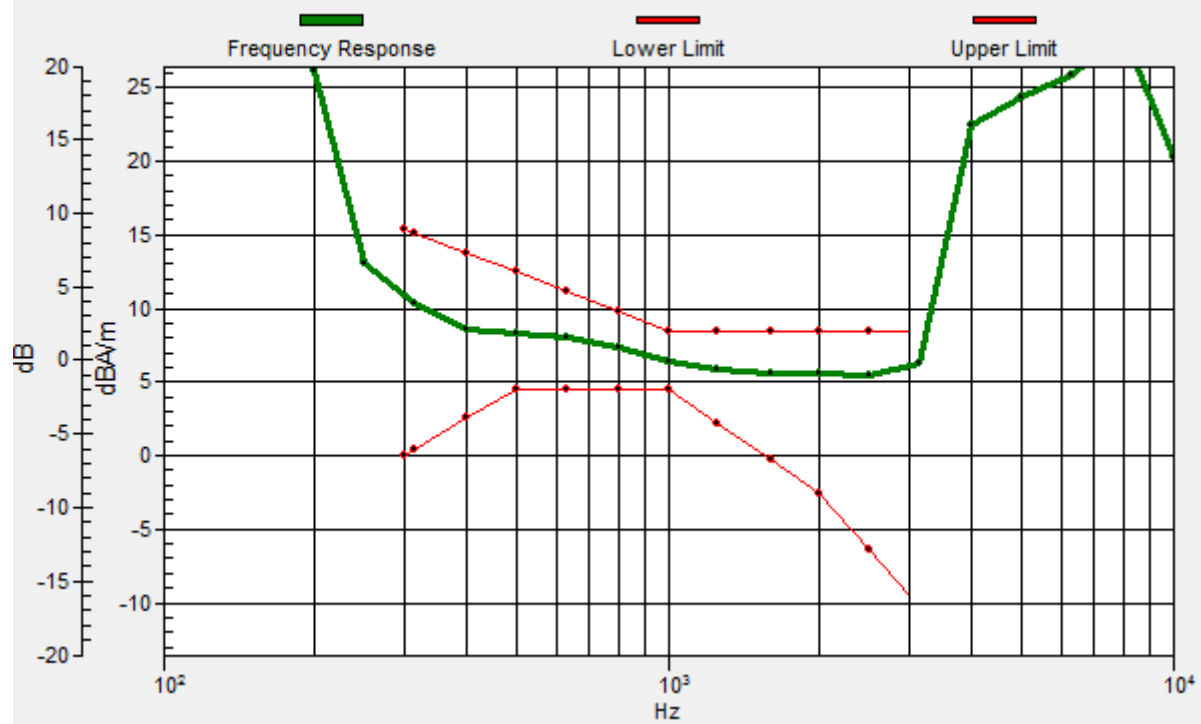
Location: -20.8, -20.8, 3.7 mm



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

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

Loc: -20.8, -20.8, 3.7 mm Diff: 2dB



**#05\_HAC\_T-Coil\_WCDMA II\_Voice(speech codec low)\_Ch9400\_Transversal (Y)**

Communication System: WCDMA ; Frequency: 1880 MHz;Duty Cycle: 1:1

Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C

**DASY5 Configuration**

- Probe: AM1DV2 - 1038; ; Calibrated: 2015/1/28
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1279; Calibrated: 2015/7/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

grid: dx=10mm, dy=10mm

ABM1/ABM2 = 39.16 dB

ABM1 comp = 0.78 dBA/m

Location: -20.8, 0, 3.7 mm

