

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

Communication System: GSM850 ; Frequency: 836.4 MHz

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: AM1DV3 - 3130; ; Calibrated: 2018/11/20
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2019/5/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

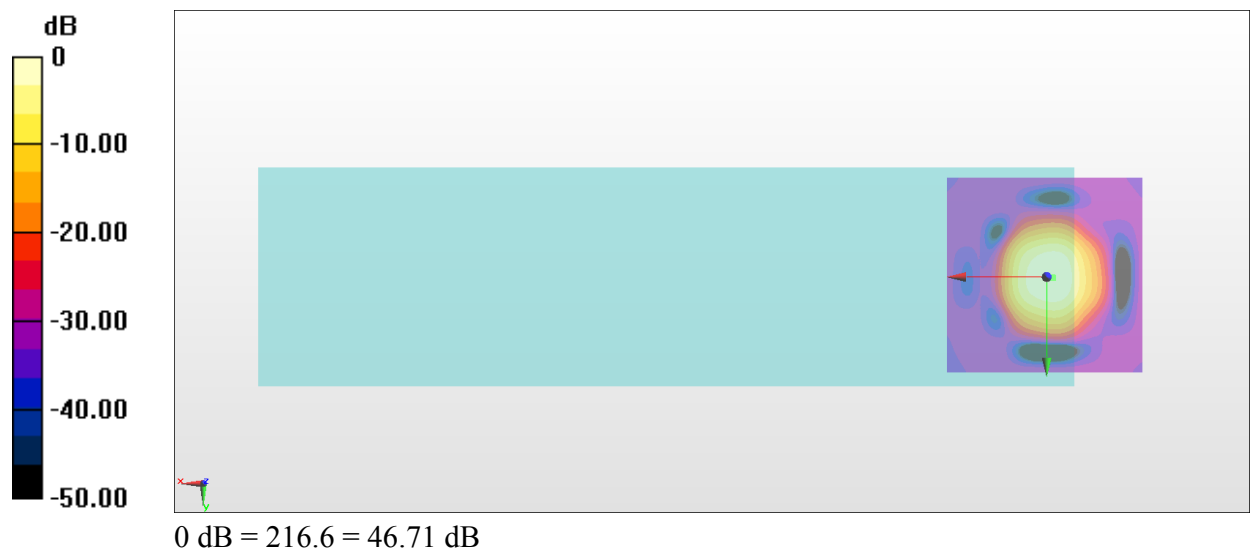
**General Scans/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):** Interpolated grid:

dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 46.71 dB

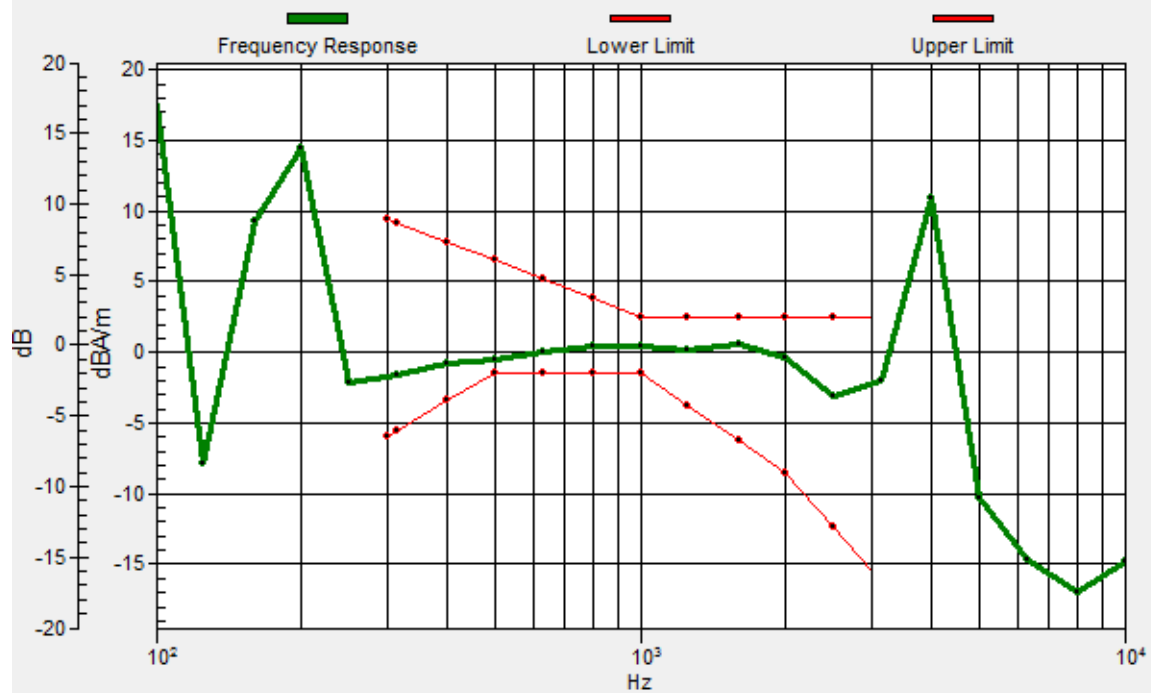
ABM1 comp = -2.75 dBA/m

Location: -1.6, 0.2, 3.7 mm



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

Loc: -1.5, 0.1, 3.7 mm Diff: 1dB



**#01\_HAC\_T-Coil\_GSM850\_Voice\_Ch189\_Transversal (Y)**

Communication System: GSM850 ; Frequency: 836.4 MHz

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: AM1DV3 - 3130; ; Calibrated: 2018/11/20
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2019/5/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

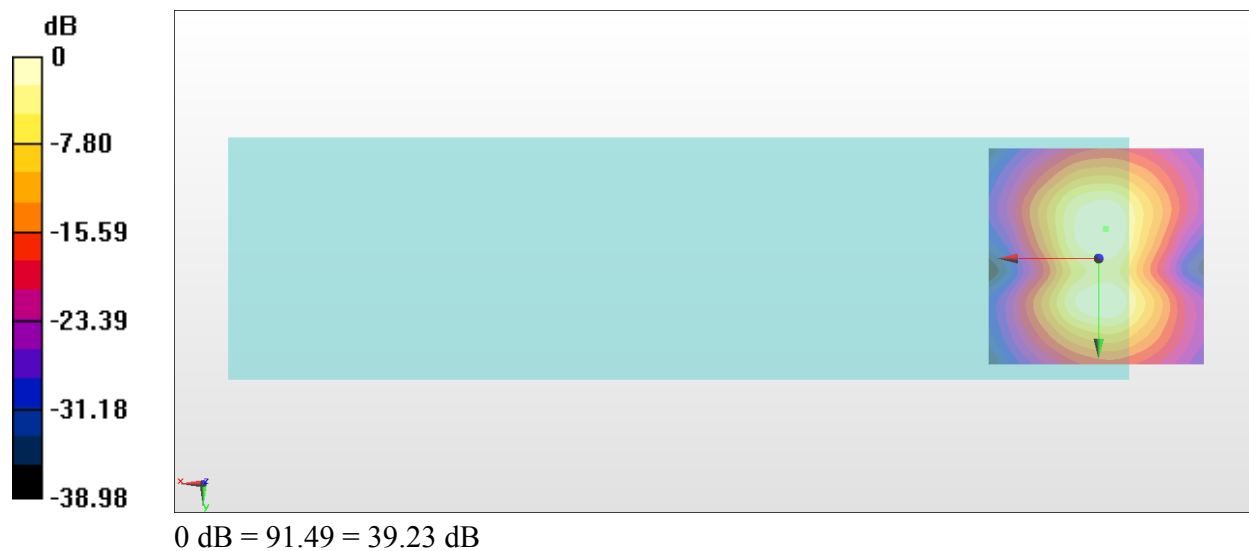
**General Scans/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):** Interpolated

grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 39.23 dB

ABM1 comp = -10.32 dBA/m

Location: -1.6, -6.8, 3.7 mm



**#02\_HAC\_T-Coil\_GSM1900\_Voice\_Ch661\_Axial (Z)**

Communication System: PCS; Frequency: 1880 MHz

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: AM1DV3 - 3130; ; Calibrated: 2018/11/20
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2019/5/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

**General Scans/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):** Interpolated grid:

dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 46.45 dB

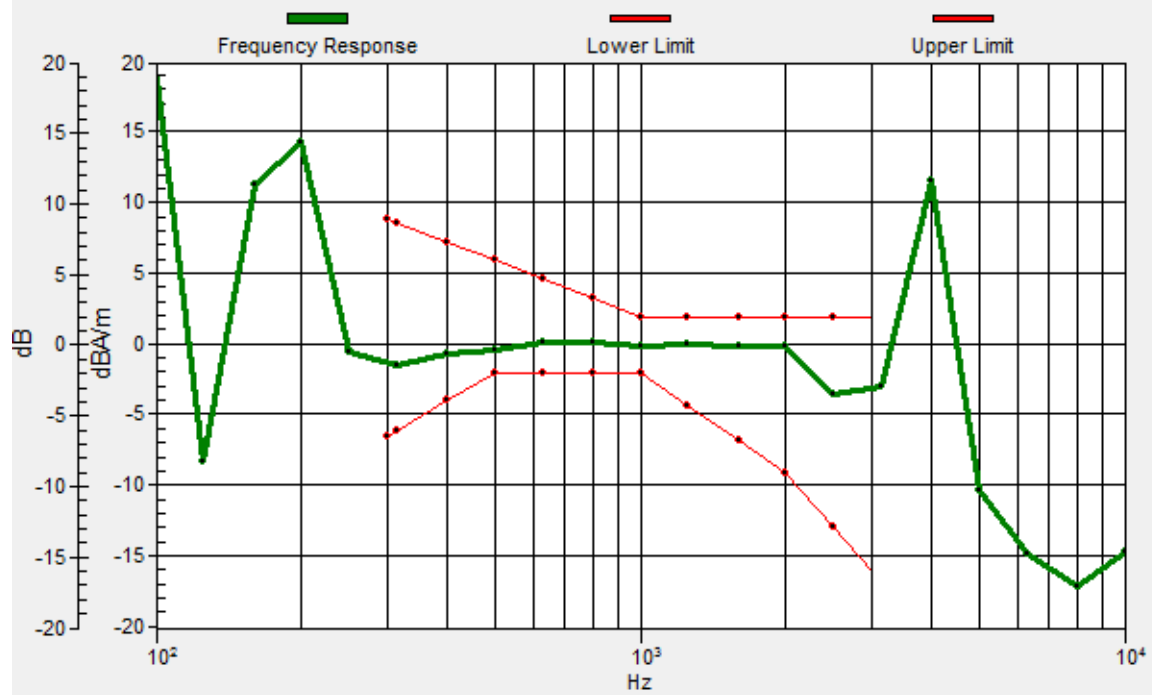
ABM1 comp = -2.69 dBA/m

Location: -1.6, 0.9, 3.7 mm



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

Loc: -1.7, 0.7, 3.7 mm Diff: 1.59dB



**#02\_HAC\_T-Coil\_GSM1900\_Voice\_Ch661\_Transversal (Y)**

Communication System: PCS; Frequency: 1880 MHz

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: AM1DV3 - 3130; ; Calibrated: 2018/11/20
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2019/5/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

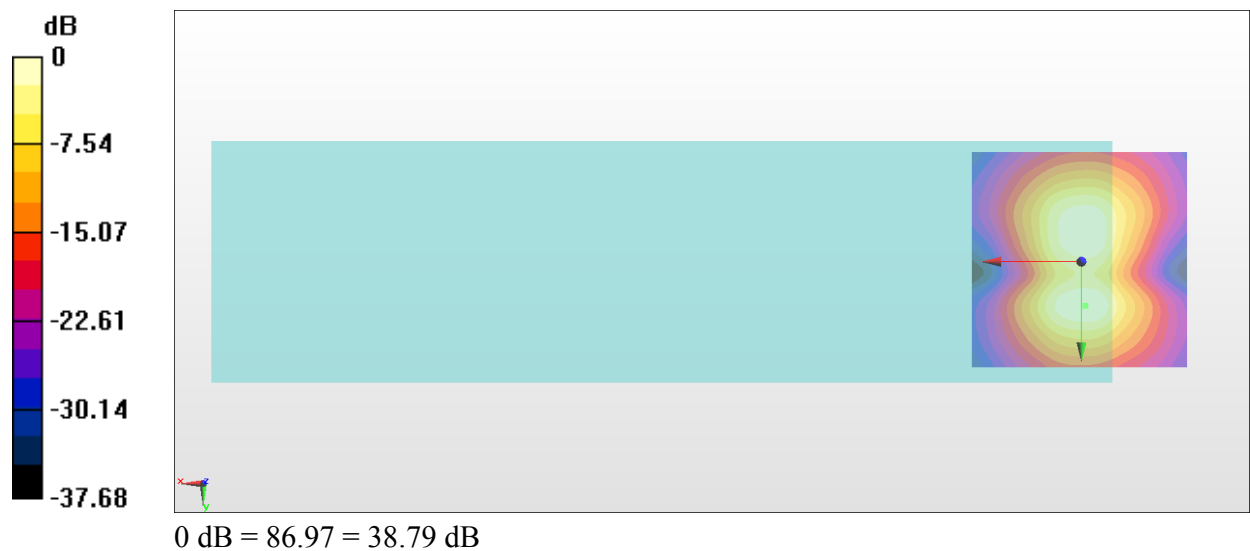
**General Scans/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):** Interpolated

grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 38.79 dB

ABM1 comp = -9.66 dBA/m

Location: -0.9, 10, 3.7 mm



**#03\_HAC\_T-Coil\_WCDMA II\_Voice\_Ch9400\_Axial (Z)**

Communication System: WCDMA; Frequency: 1880 MHz

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: AM1DV3 - 3128; ; Calibrated: 2019/1/15
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2019/5/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

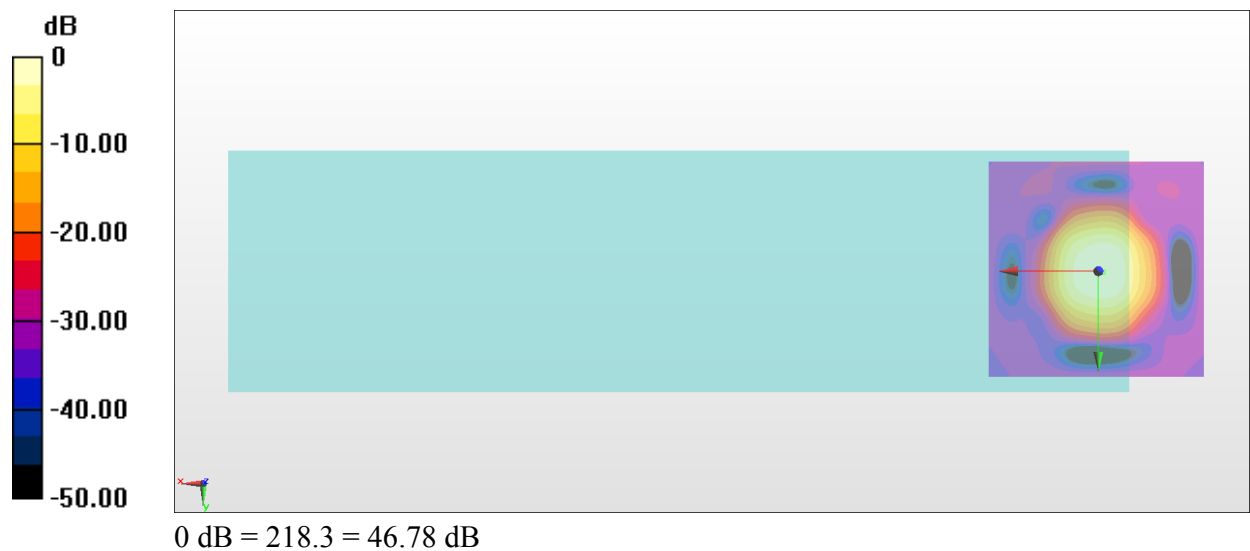
**General Scans/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):** Interpolated grid:

dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 46.78 dB

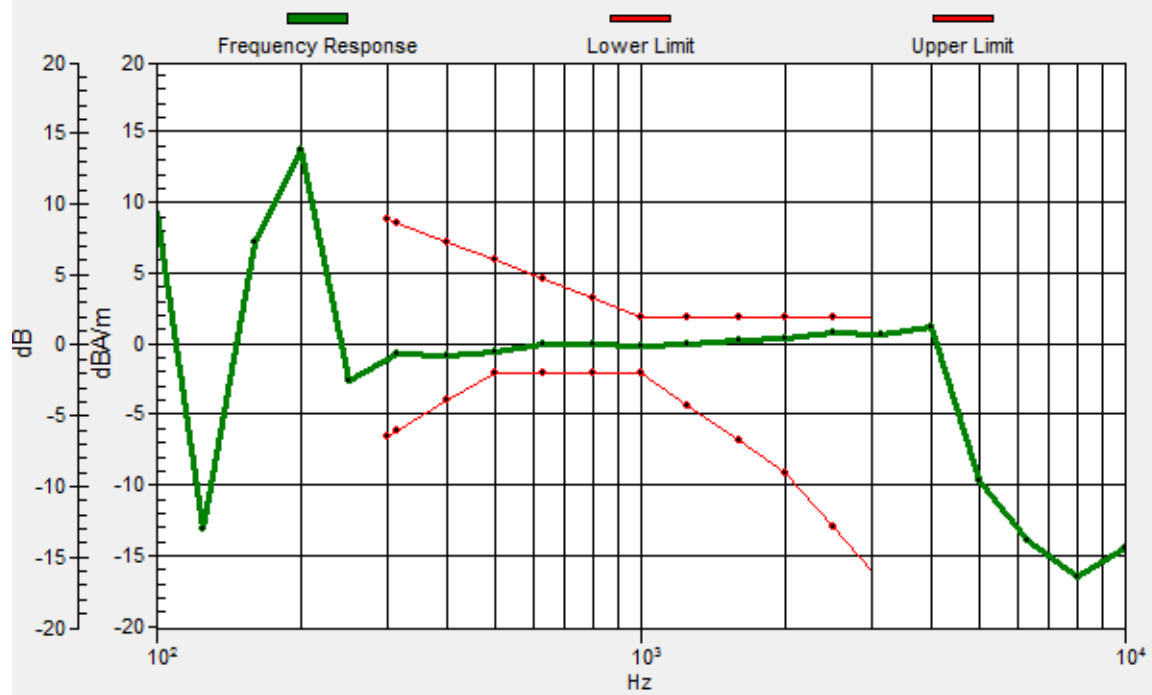
ABM1 comp = -2.47 dBA/m

Location: -0.9, 0.2, 3.7 mm



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

Loc: -1, 0.1, 3.7 mm Diff: 1.09dB



**#03\_HAC\_T-Coil\_WCDMA II\_Voice\_Ch9400\_Transversal (Y)**

Communication System: WCDMA; Frequency: 1880 MHz

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: AM1DV3 - 3128; ; Calibrated: 2019/1/15
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2019/5/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

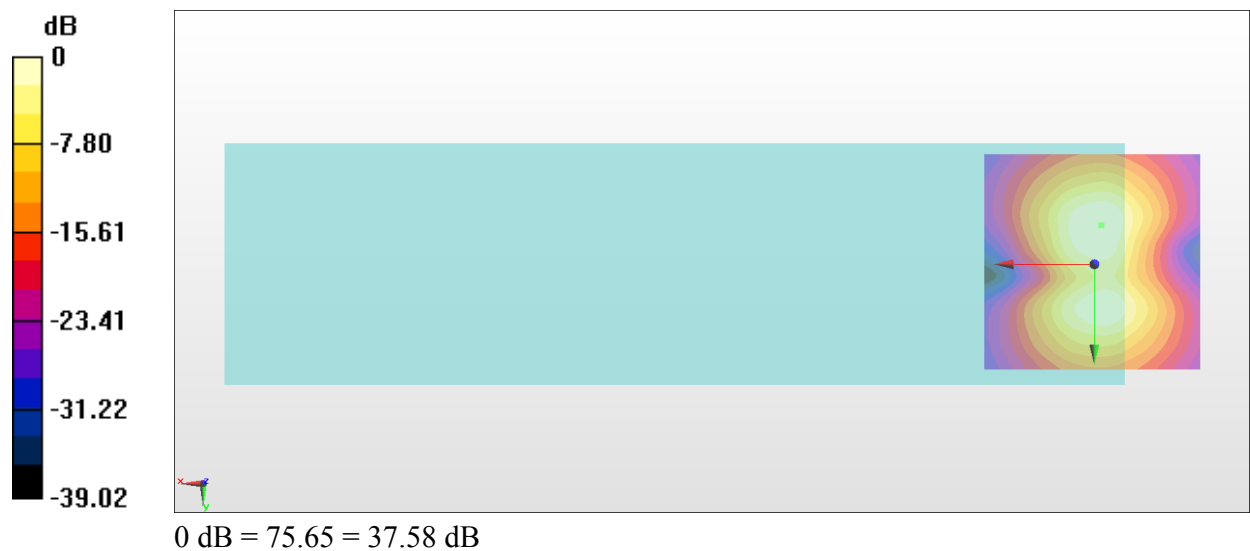
**General Scans/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):** Interpolated

grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 37.58 dB

ABM1 comp = -10.60 dBA/m

Location: -1.6, -8.9, 3.7 mm



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

Communication System: WCDMA; Frequency: 1732.6 MHz

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: AM1DV3 - 3130; ; Calibrated: 2019/11/20
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2019/5/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

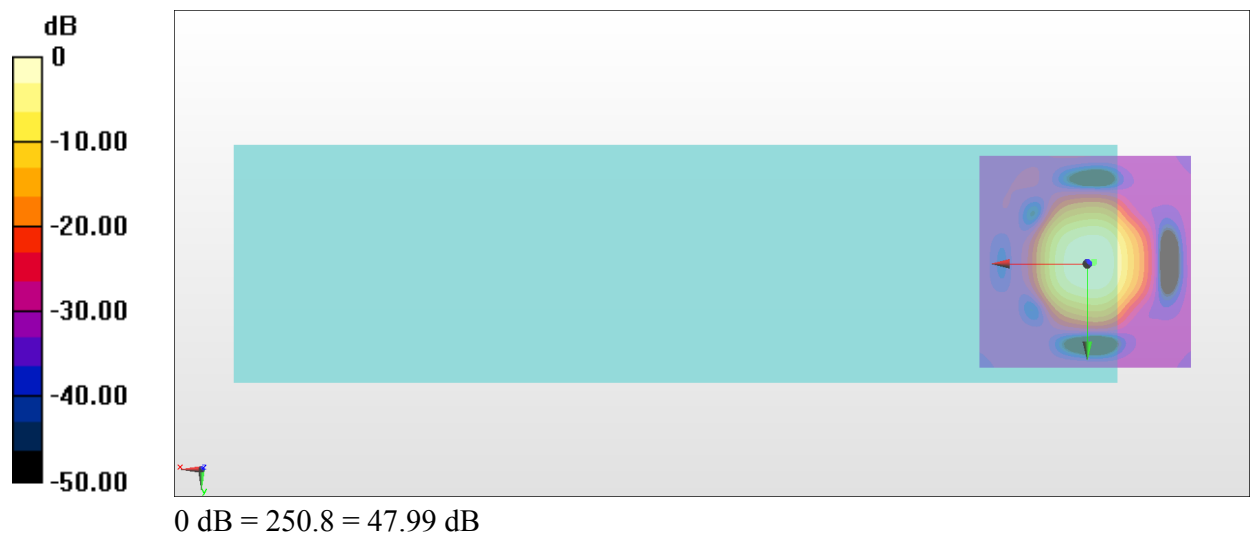
**General Scans/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):** Interpolated grid:

dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 47.99 dB

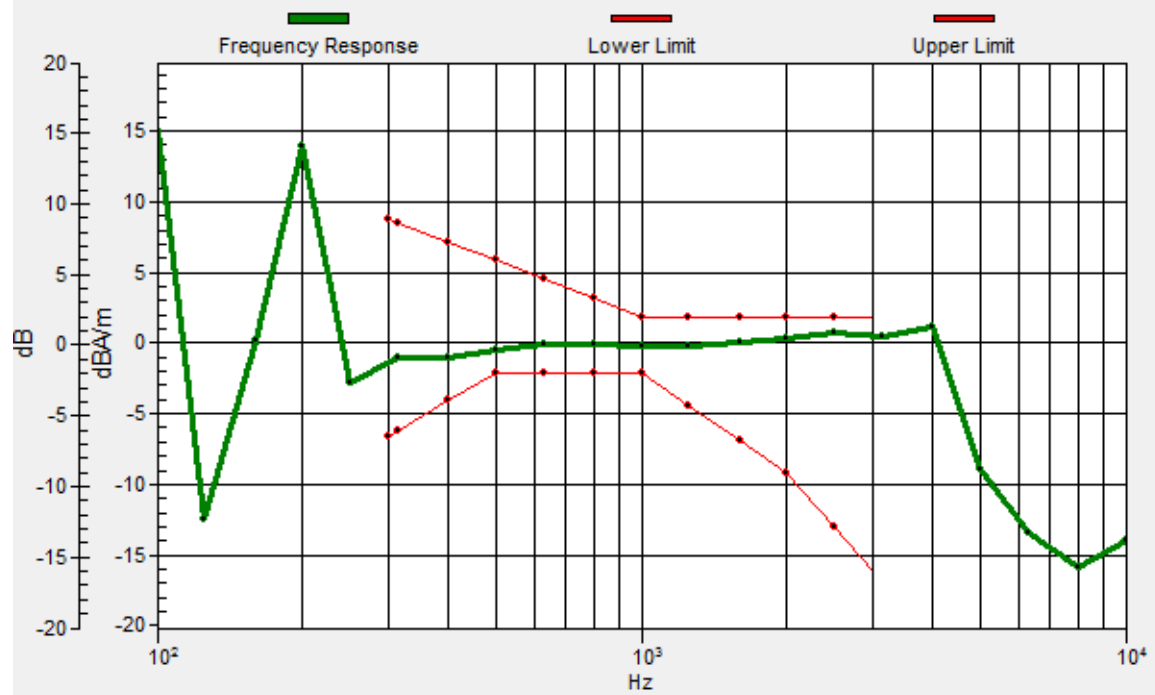
ABM1 comp = -2.52 dBA/m

Location: -1.6, -0.5, 3.7 mm



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

Loc: -1.3, -0.2, 3.7 mm Diff: 1.1dB



**#04\_HAC\_T-Coil\_WCDMA IV\_Voice\_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 : 23.5 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3130; ; Calibrated: 2019/11/20
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2019/5/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

**General Scans/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):** Interpolated

grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 39.18 dB

ABM1 comp = -10.53 dBA/m

Location: -0.9, 10, 3.7 mm



**#05\_HAC\_T-Coil\_WCDMA V\_Voice\_Ch4182\_Axial (Z)**

Communication System: WCDMA; Frequency: 836.4 MHz

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: AM1DV3 - 3128; ; Calibrated: 2019/1/15
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2019/5/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

**General Scans/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):** Interpolated grid:

dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 48.42 dB

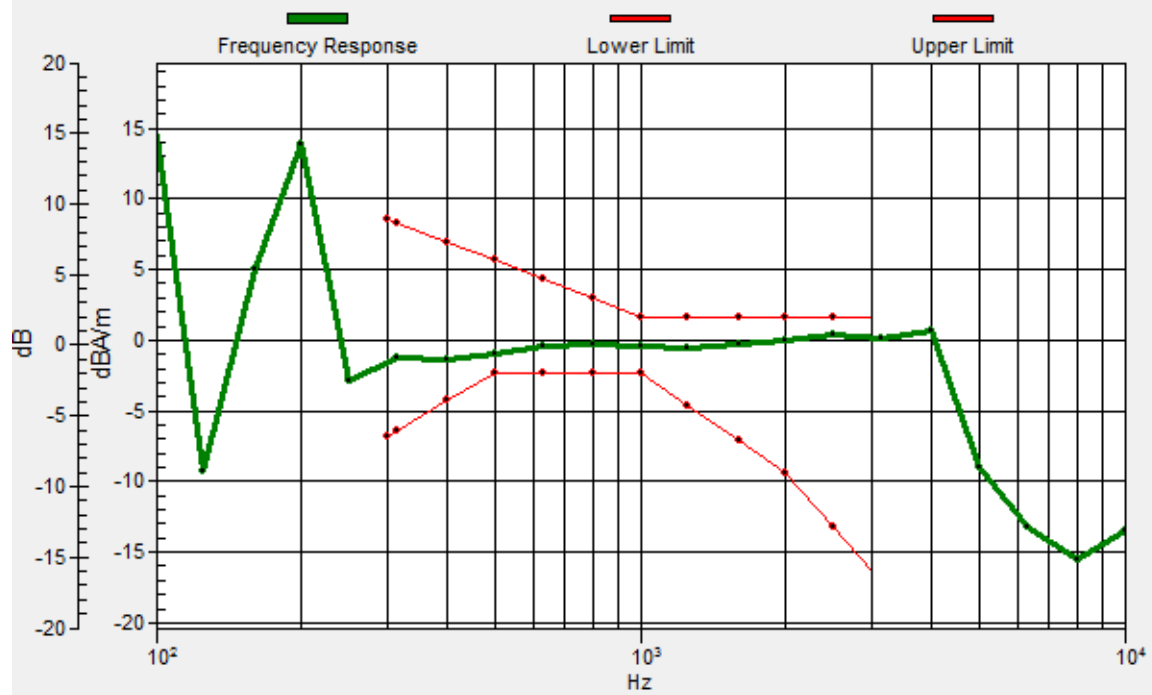
ABM1 comp = -2.88 dBA/m

Location: -0.9, 0.2, 3.7 mm



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

Loc: -1, 0.1, 3.7 mm Diff: 1.31dB



**#05\_HAC\_T-Coil\_WCDMA V\_Voice\_Ch4182\_Transversal (Y)**

Communication System: WCDMA; Frequency: 836.4 MHz

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: AM1DV3 - 3128; ; Calibrated: 2019/1/15
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2019/5/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

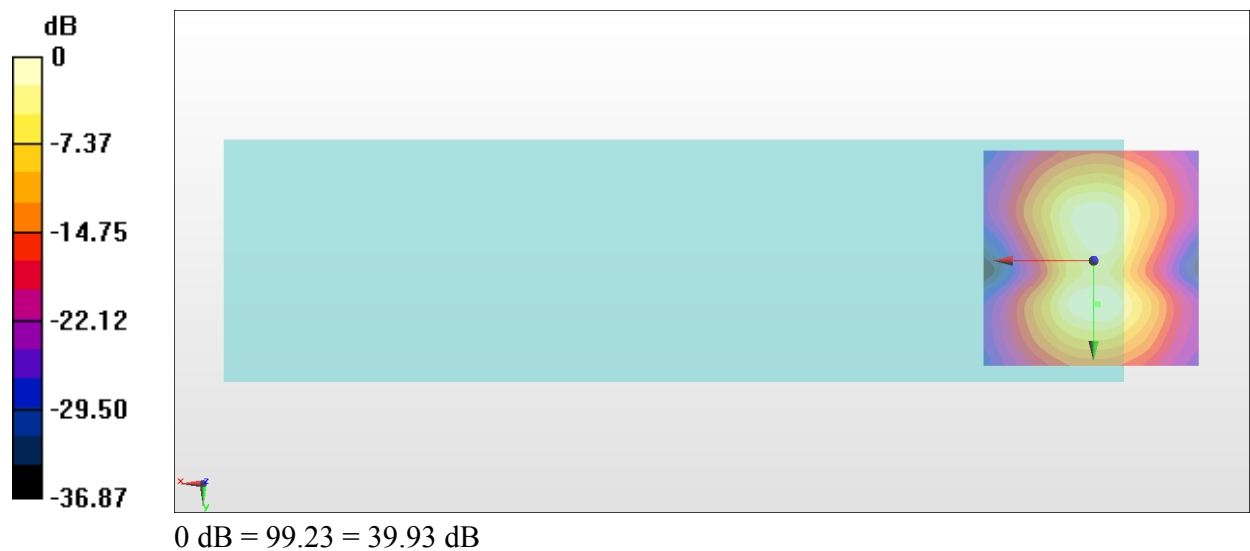
**General Scans/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):** Interpolated

grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 39.93 dB

ABM1 comp = -10.76 dBA/m

Location: -0.9, 10, 3.7 mm



**#06\_HAC\_T-Coil\_LTE Band 2\_20M\_QPSK\_1\_0\_Ch18900\_Axial (Z)**

Communication System: LTE; Frequency: 1880 MHz

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: AM1DV3 - 3128; ; Calibrated: 2019/1/15
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2019/5/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

**General Scans/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):** Interpolated grid:

dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 46.89 dB

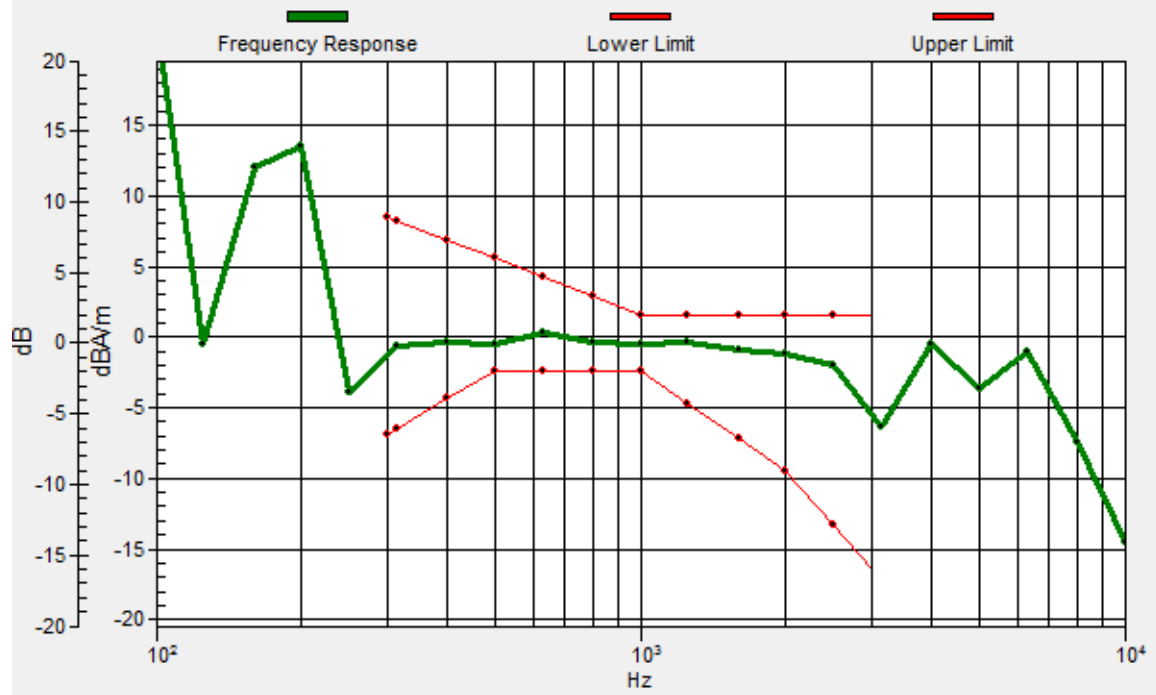
ABM1 comp = -2.91 dBA/m

Location: -0.9, 0.2, 3.7 mm



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

Loc: -1, 0.1, 3.7 mm Diff: 1.89dB



**#06\_HAC\_T-Coil\_LTE Band 2\_20M\_QPSK\_1\_0\_Ch18900\_Transversal (Y)**

Communication System: LTE; Frequency: 1880 MHz

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: AM1DV3 - 3128; ; Calibrated: 2019/1/15
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2019/5/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

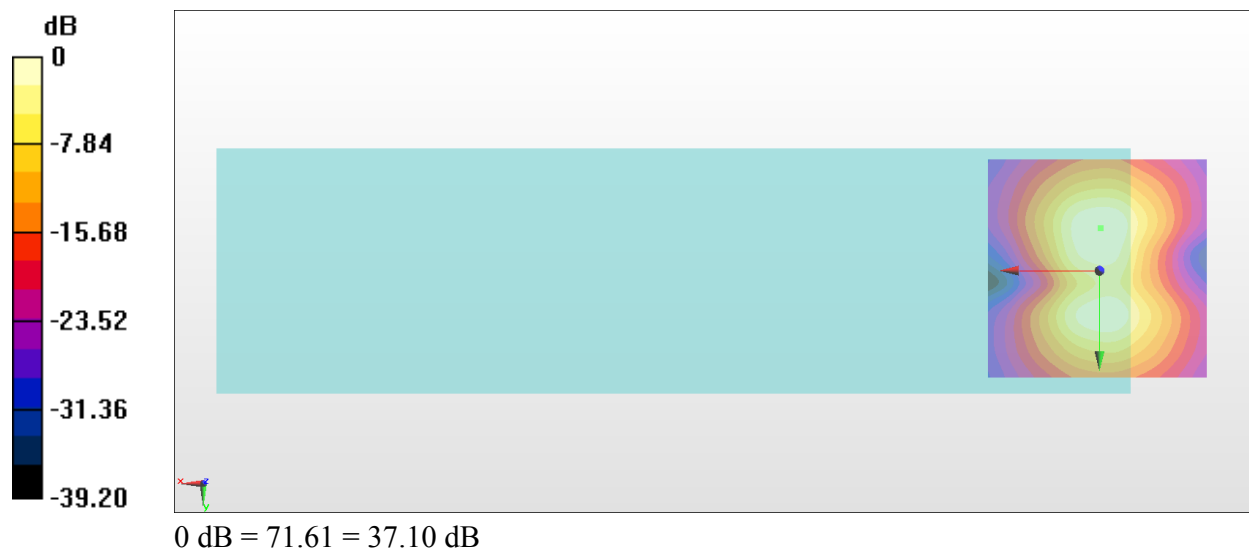
**General Scans/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):** Interpolated

grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 37.10 dB

ABM1 comp = -10.91 dBA/m

Location: -0.2, -9.6, 3.7 mm



**#07\_HAC\_T-Coil\_LTE Band 5\_10M\_QPSK\_1\_0\_Ch20525\_Axial (Z)**

Communication System: LTE; Frequency: 836.5 MHz

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: AM1DV3 - 3128; ; Calibrated: 2019/1/15
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2019/5/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

**General Scans/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):** Interpolated grid:

dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 47.84 dB

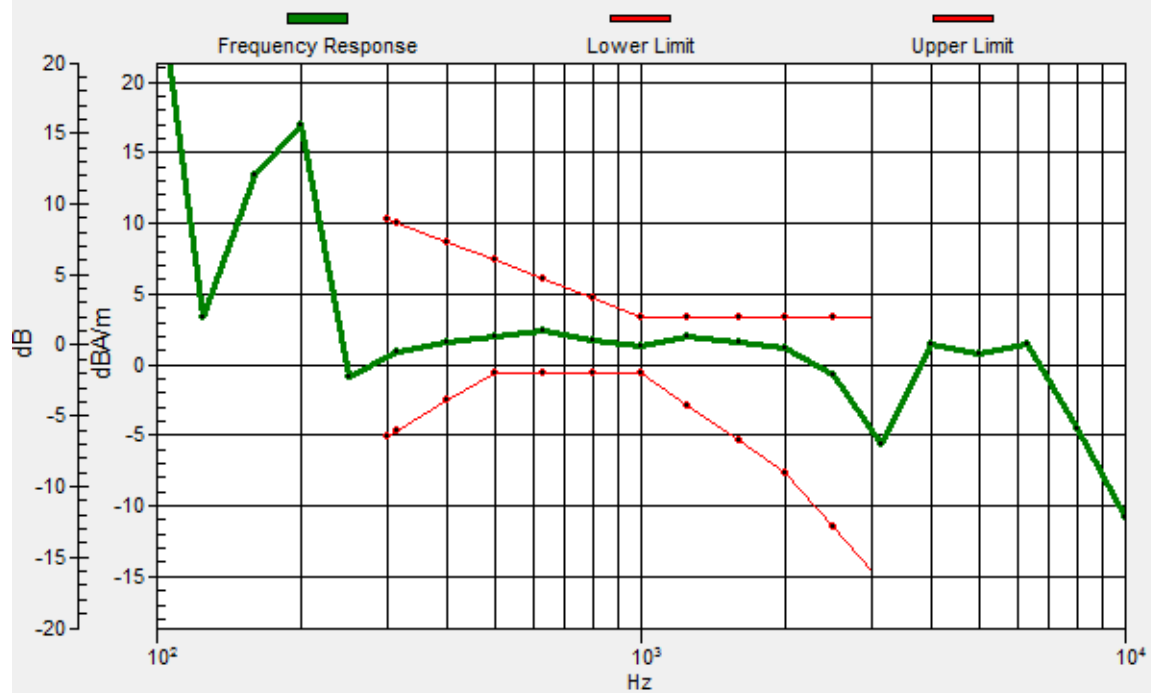
ABM1 comp = -0.33 dBA/m

Location: -1.6, -0.5, 3.7 mm



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

Loc: -1.5, -0.5, 3.7 mm Diff: 1.41dB



**#07\_HAC\_T-Coil\_LTE Band 5\_10M\_QPSK\_1\_0\_Ch20525\_Transversal (Y)**

Communication System: LTE; Frequency: 836.5 MHz

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: AM1DV3 - 3128; ; Calibrated: 2019/1/15
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2019/5/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

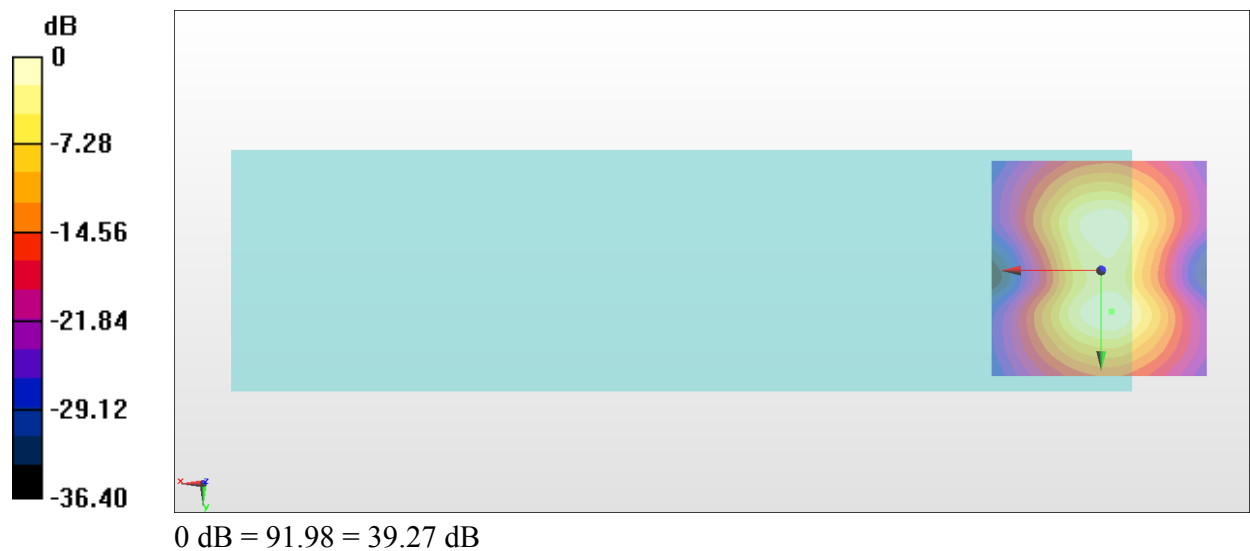
**General Scans/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):** Interpolated

grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 39.27 dB

ABM1 comp = -8.44 dBA/m

Location: -2.3, 9.3, 3.7 mm



**#08\_HAC\_T-Coil\_LTE Band 7\_20M\_QPSK\_1\_0\_Ch21100\_Axial (Z)**

Communication System: LTE; Frequency: 2535 MHz

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: AM1DV3 - 3128; ; Calibrated: 2019/1/15
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2019/5/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

**General Scans/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):** Interpolated grid:

dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 47.21 dB

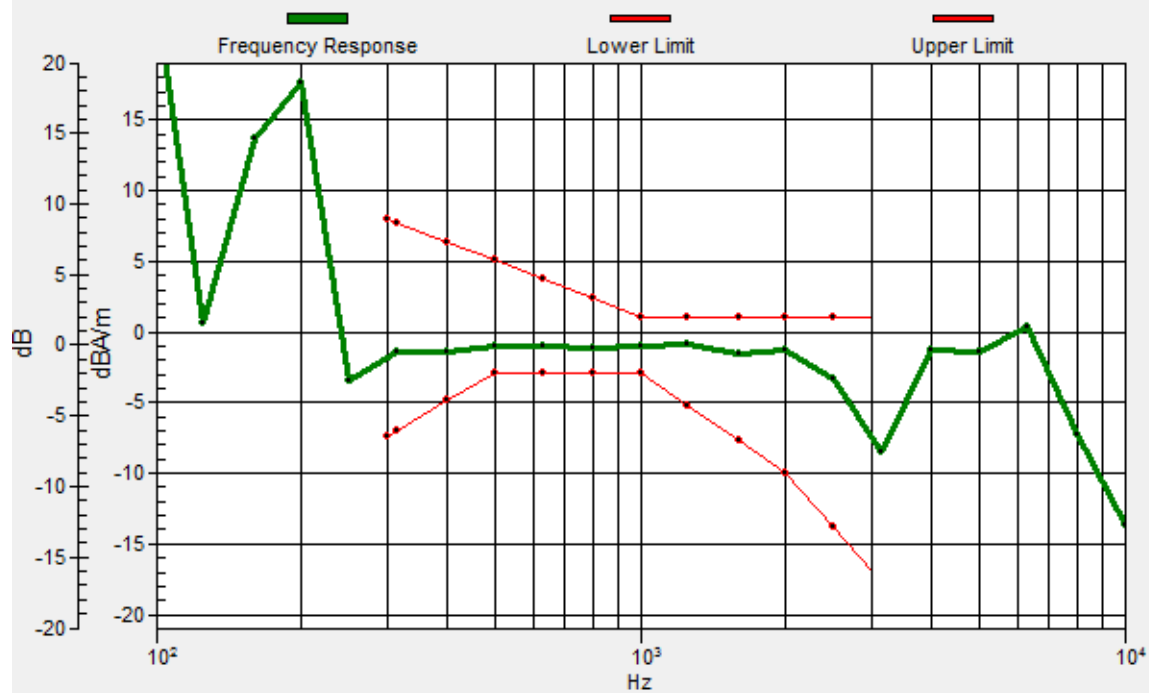
ABM1 comp = -3.35 dBA/m

Location: -1.6, -0.5, 3.7 mm



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

Loc: -1.5, -0.4, 3.7 mm Diff: 1.76dB



**#08\_HAC\_T-Coil\_LTE Band 7\_20M\_QPSK\_1\_0\_Ch21100\_Transversal (Y)**

Communication System: LTE; Frequency: 2535 MHz

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: AM1DV3 - 3128; ; Calibrated: 2019/1/15
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2019/5/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

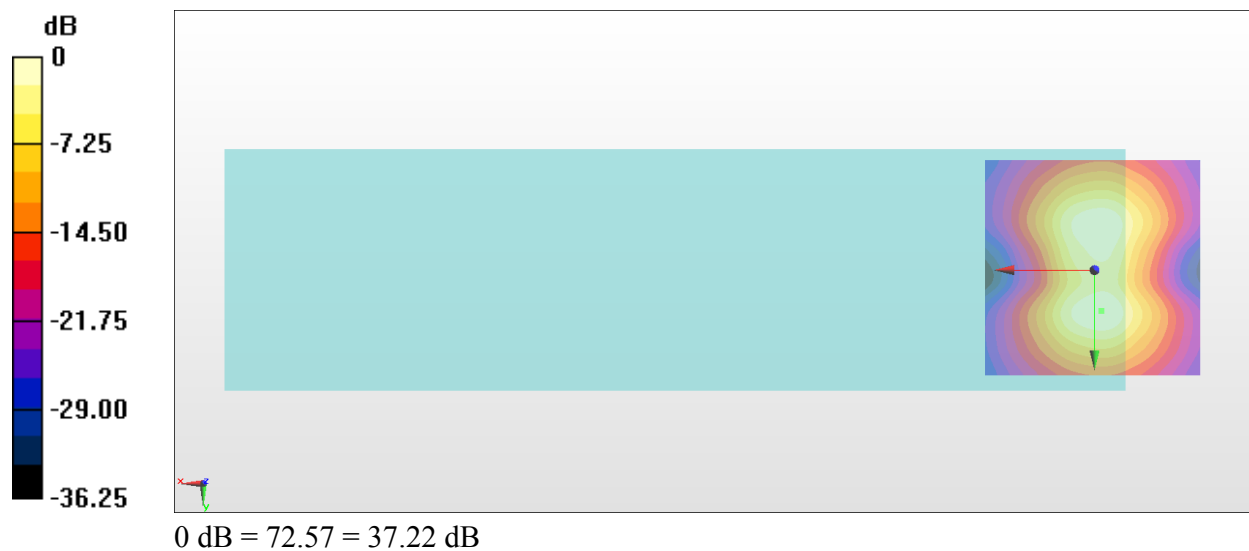
**General Scans/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):** Interpolated

grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 37.22 dB

ABM1 comp = -11.28 dBA/m

Location: -1.6, 9.3, 3.7 mm



**#09\_HAC\_T-Coil\_LTE Band 12\_10M\_QPSK\_1\_0\_Ch23095\_Axial (Z)**

Communication System: LTE; Frequency: 707.5 MHz

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: AM1DV3 - 3128; ; Calibrated: 2019/1/15
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2019/5/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

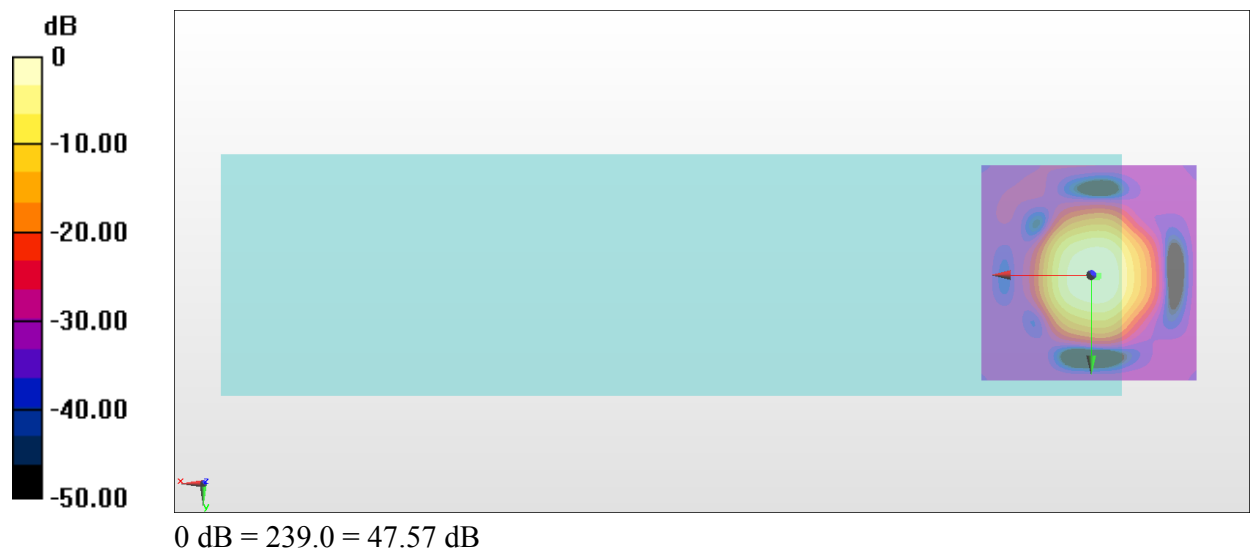
**General Scans/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):** Interpolated grid:

dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 47.57 dB

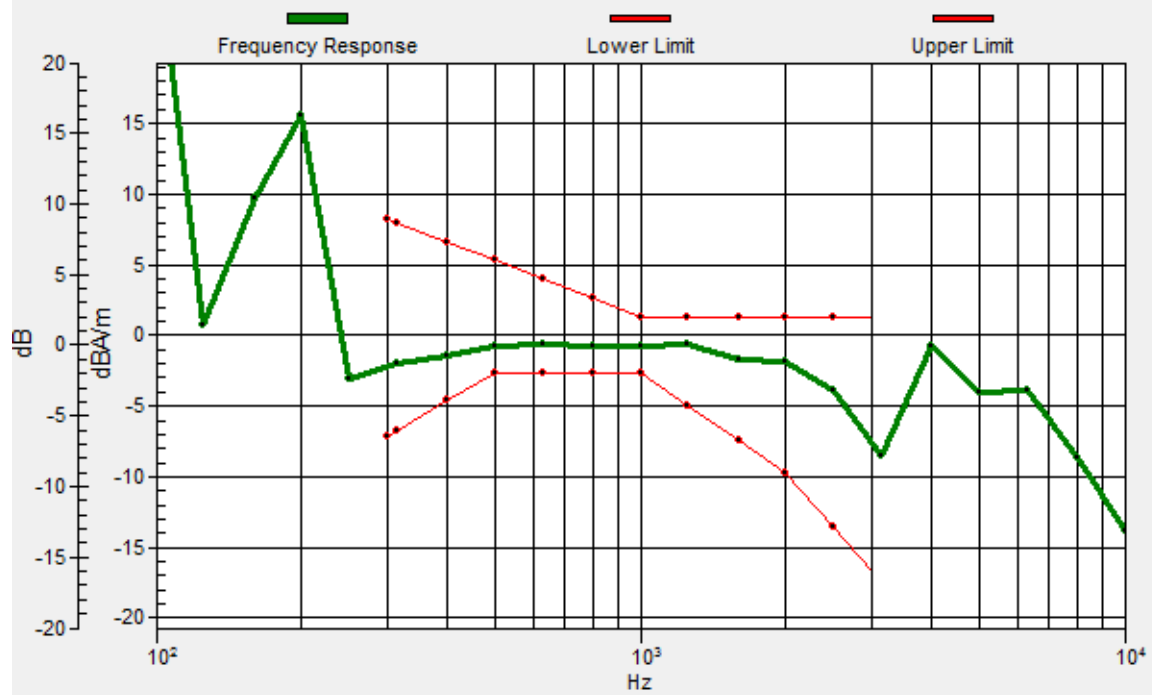
ABM1 comp = -3.27 dBA/m

Location: -1.6, 0.2, 3.7 mm



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

Loc: -1.3, 0.6, 3.7 mm Diff: 1.87dB



**#09\_HAC\_T-Coil\_LTE Band 12\_10M\_QPSK\_1\_0\_Ch23095\_Transversal (Y)**

Communication System: LTE; Frequency: 707.5 MHz

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: AM1DV3 - 3128; ; Calibrated: 2019/1/15
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2019/5/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

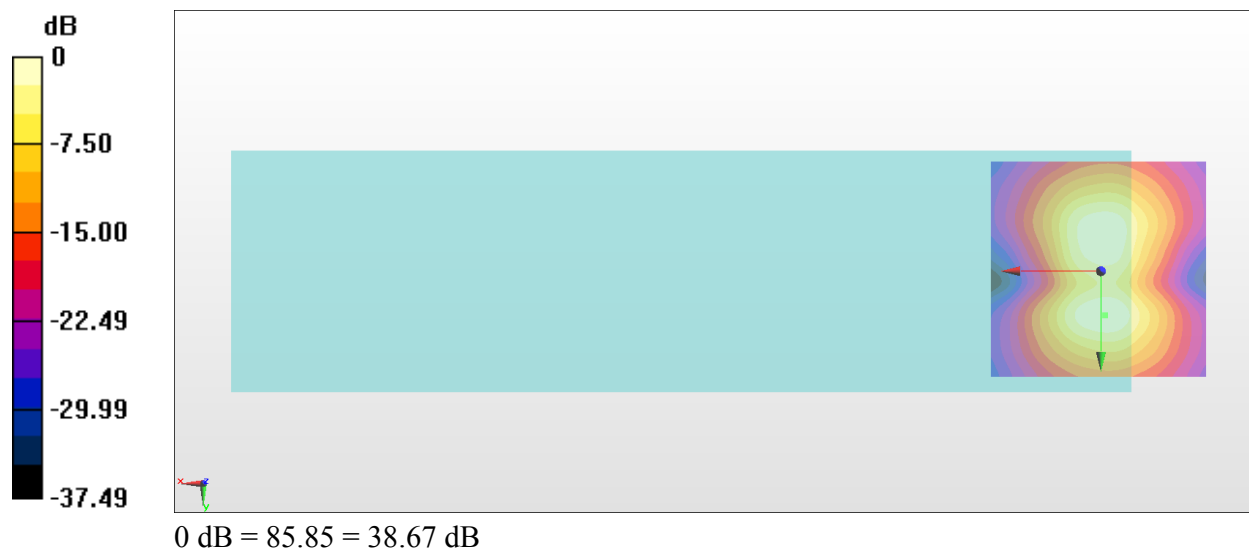
**General Scans/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):** Interpolated

grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 38.67 dB

ABM1 comp = -11.22 dBA/m

Location: -0.9, 10, 3.7 mm



**#10\_HAC\_T-Coil\_LTE Band 13\_10M\_QPSK\_1\_0\_Ch23230\_Axial (Z)**

Communication System: LTE; Frequency: 782 MHz

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: AM1DV3 - 3128; ; Calibrated: 2019/1/15
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2019/5/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

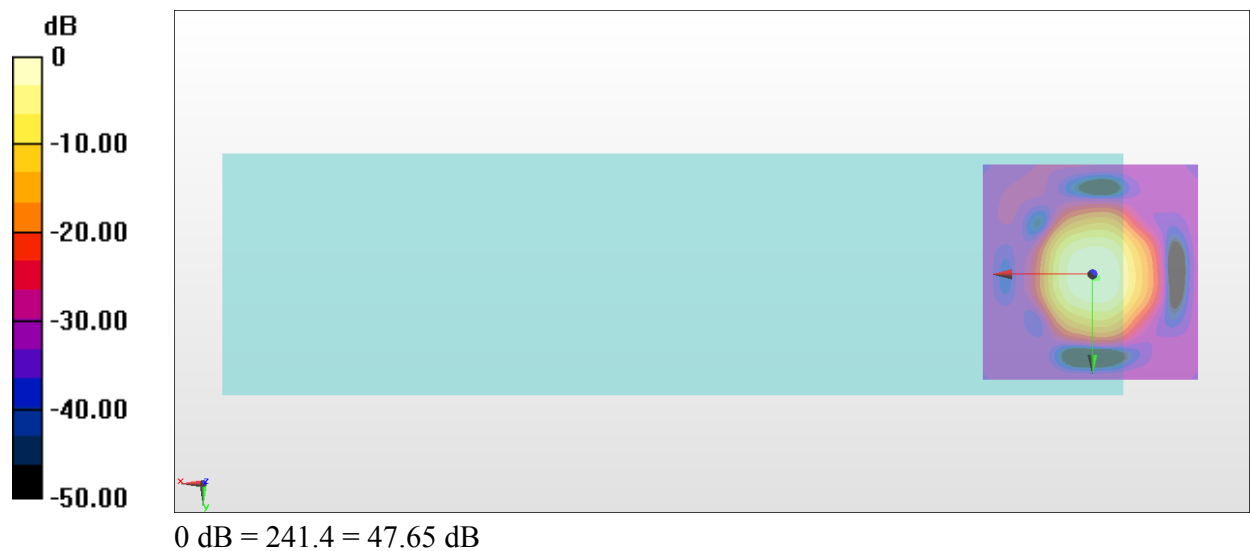
**General Scans/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):** Interpolated grid:

dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 47.65 dB

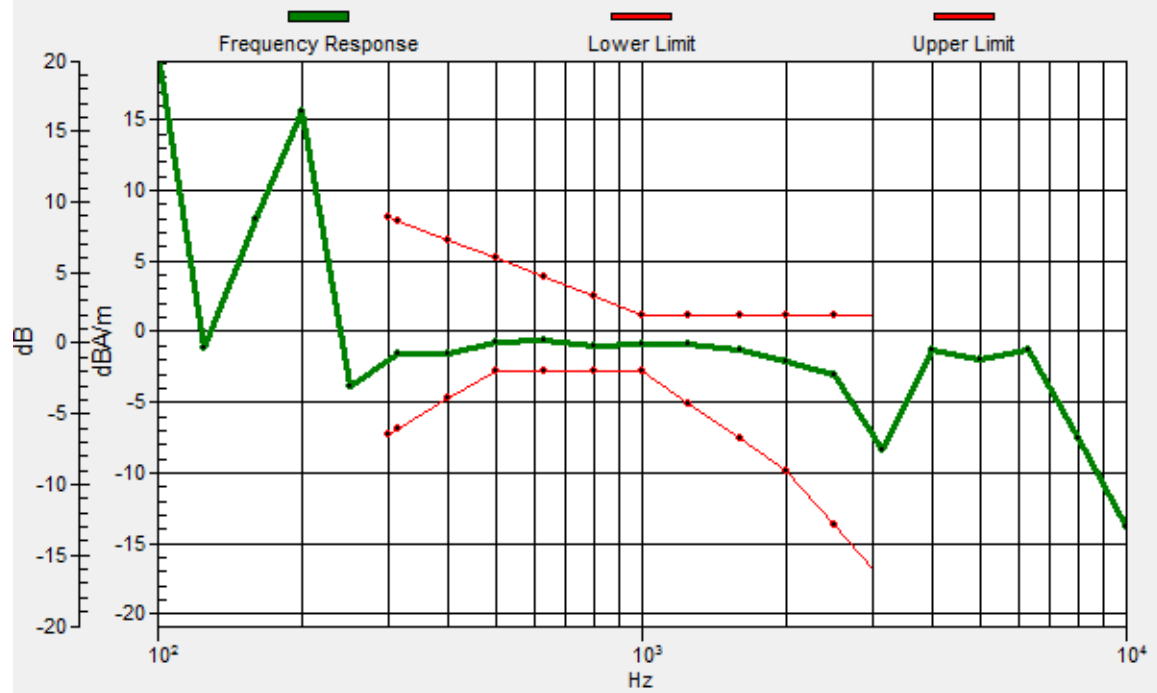
ABM1 comp = -3.39 dBA/m

Location: -0.9, 0.9, 3.7 mm



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

Loc: -1, 0.8, 3.7 mm Diff: 1.79dB



**#10\_HAC\_T-Coil\_LTE Band 13\_10M\_QPSK\_1\_0\_Ch23230\_Transversal (Y)**

Communication System: LTE; Frequency: 782 MHz

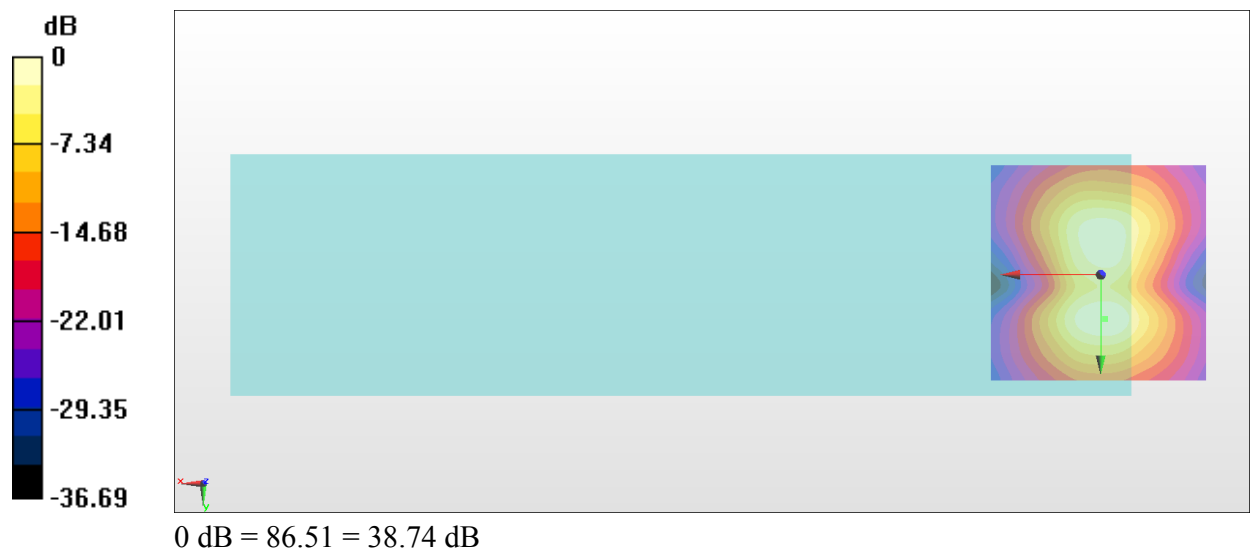
Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3128; ; Calibrated: 2019/1/15
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2019/5/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

**General Scans/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):** Interpolated  
grid: dx=1.000 mm, dy=1.000 mm  
ABM1/ABM2 = 38.74 dB  
ABM1 comp = -11.11 dBA/m  
Location: -0.9, 10, 3.7 mm



**#11\_HAC\_T-Coil\_LTE Band 66\_20M\_QPSK\_1\_0\_Ch132322\_Axial (Z)**

Communication System: LTE; Frequency: 1745 MHz

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: AM1DV3 - 3128; ; Calibrated: 2019/1/15
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2019/5/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

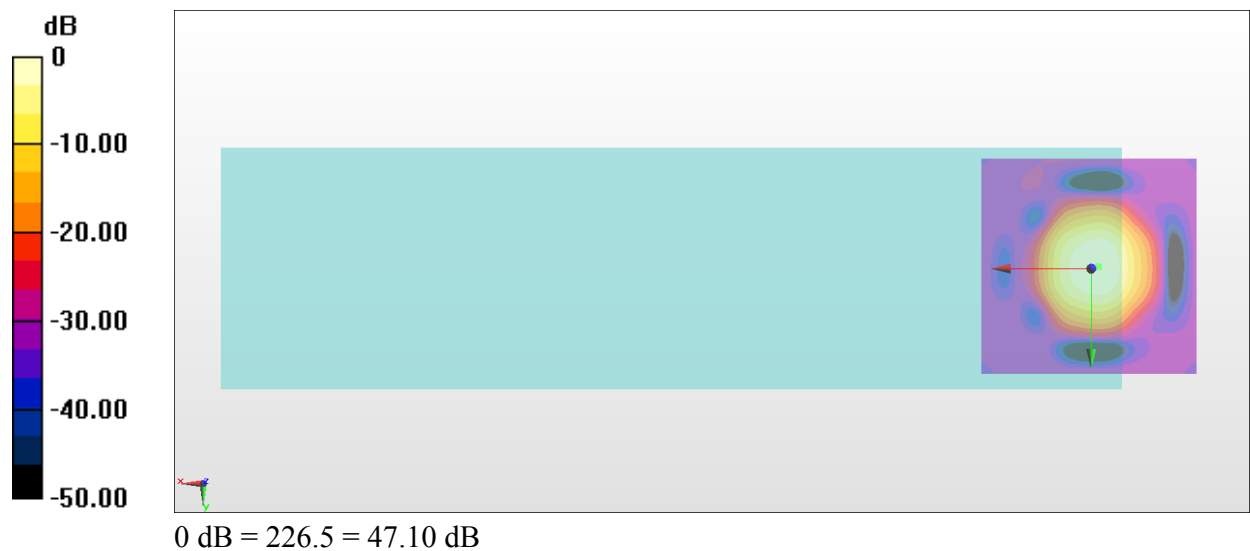
**General Scans/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):** Interpolated grid:

dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 47.10 dB

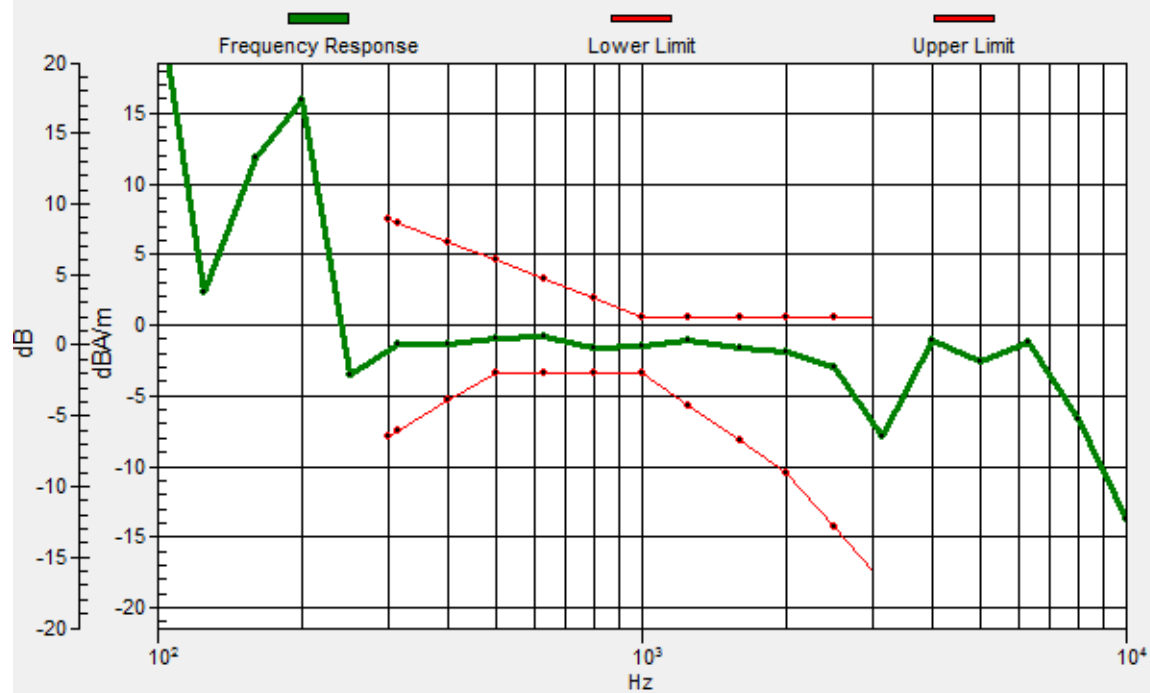
ABM1 comp = -3.30 dBA/m

Location: -1.6, -0.5, 3.7 mm



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

Loc: -1.8, -0.3, 3.7 mm Diff: 1.69dB



**#11\_HAC\_T-Coil\_LTE Band 66\_20M\_QPSK\_1\_0\_Ch132322\_Transversal (Y)**

Communication System: LTE; Frequency: 1745 MHz

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: AM1DV3 - 3128; ; Calibrated: 2019/1/15
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2019/5/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

**General Scans/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):** Interpolated

grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 38.01 dB

ABM1 comp = -11.26 dBA/m

Location: -0.9, 9.3, 3.7 mm



**#12\_HAC\_T-Coil\_WLAN2.4GHz\_802.11b 1Mbps\_Ch6\_Axial (Z)**

Communication System: 802.11b ; Frequency: 2437 MHz

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

Ambient Temperature : 23.5 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3130; ; Calibrated: 2019/11/20
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2019/5/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

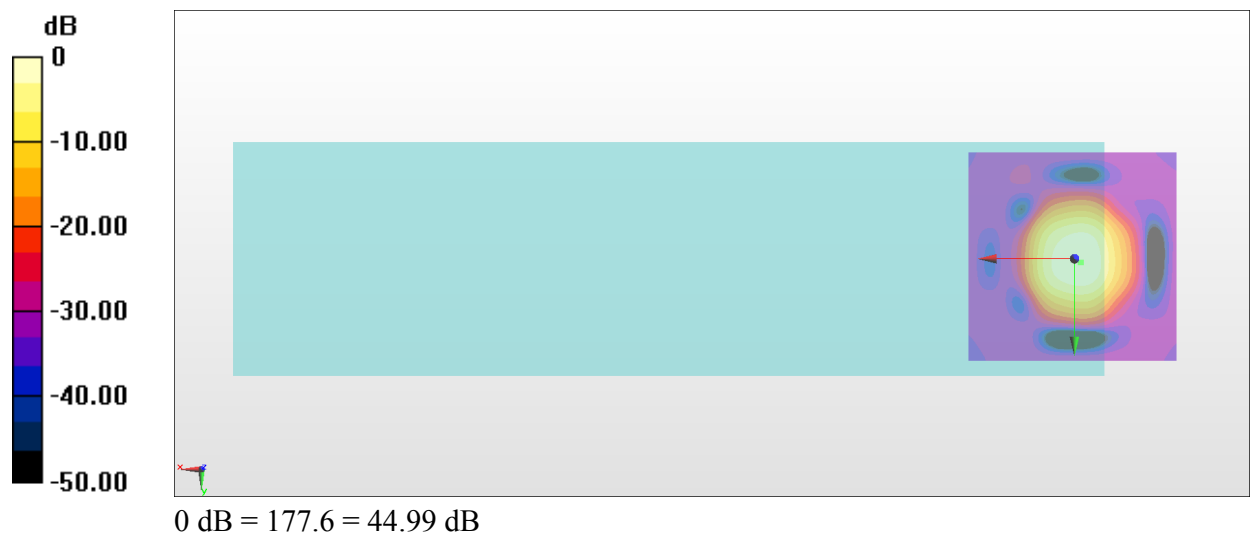
**General Scans/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):** Interpolated grid:

dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 44.99 dB

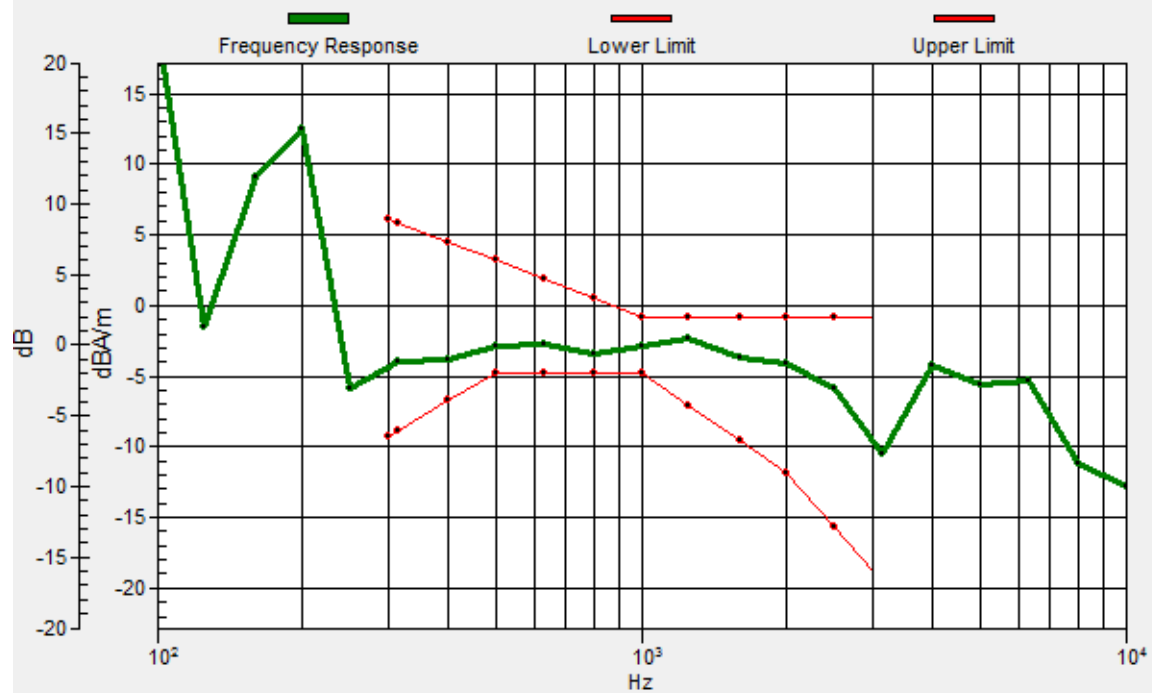
ABM1 comp = -5.22 dBA/m

Location: -1.6, 0.9, 3.7 mm



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

Loc: -1.4, 0.8, 3.7 mm Diff: 1.4dB



**#12\_HAC\_T-Coil\_WLAN2.4GHz\_802.11b 1Mbps\_Ch6\_Transversal (Y)**

Communication System: 802.11b ; Frequency: 2437 MHz

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

Ambient Temperature : 23.5 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3130; ; Calibrated: 2019/11/20
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2019/5/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

**General Scans/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):** Interpolated

grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 35.62 dB

ABM1 comp = -13.33 dBA/m

Location: -1.6, 10, 3.7 mm

