

**01\_HAC T-Coil\_GSM850\_Voice\_Ch189\_Z**

Communication System: UID 0, Generic GSM (0); 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 : 23.4 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3128; ; Calibrated: 2022/7/19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

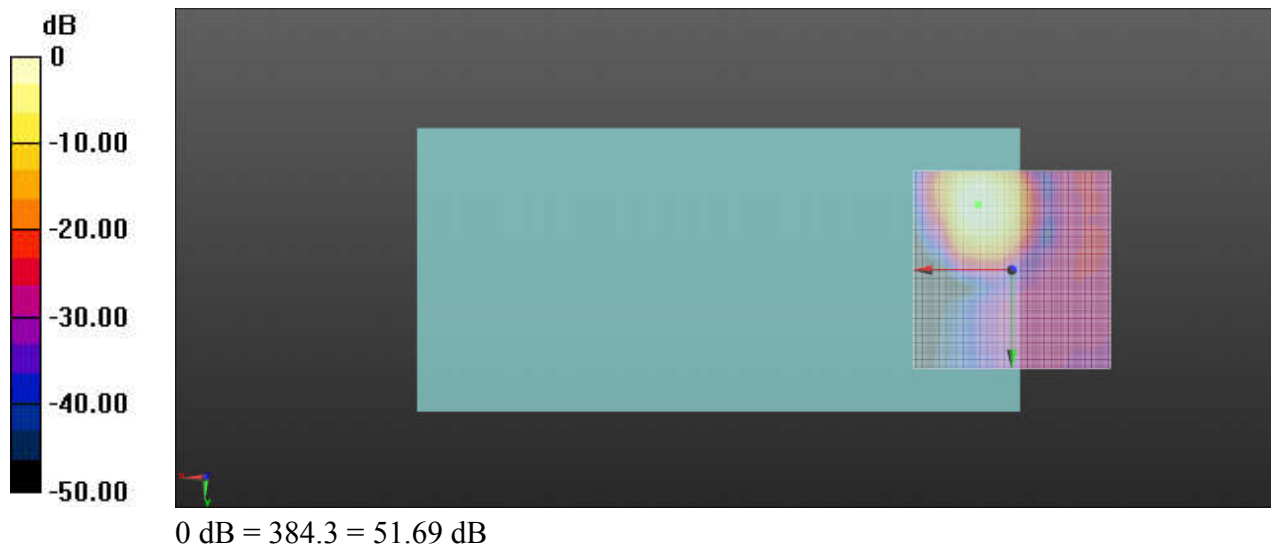
**Ch189/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):**

Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 51.69 dB

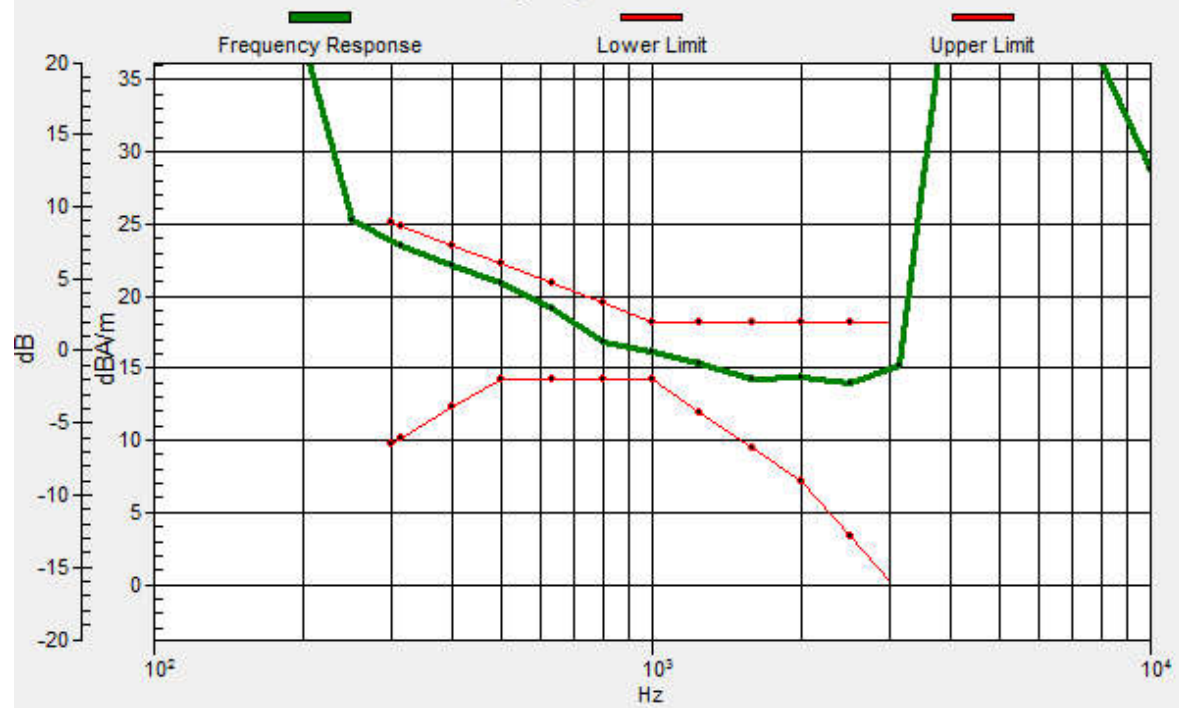
ABM1 comp = 17.28 dBA/m

Location: 8.8, -16.7, 3.7 mm



# Ch189/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)

Loc: 8.6, -16.5, 3.7 mm Diff: 1.3dB



**01\_HAC T-Coil\_GSM850\_Voice\_Ch189\_Y**

Communication System: UID 0, Generic GSM (0); 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 : 23.4 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3128; ; Calibrated: 2022/7/19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

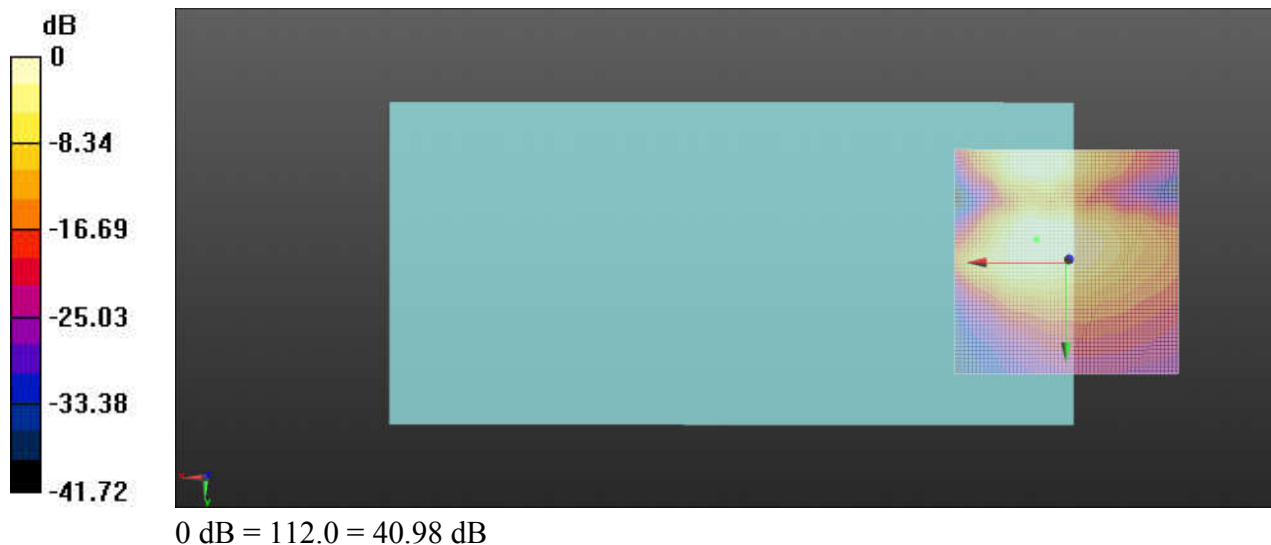
**Ch189/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):**

Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 40.98 dB

ABM1 comp = 8.74 dBA/m

Location: 6.7, -5, 3.7 mm



## 02\_HAC T-Coil\_GSM1900\_Voice\_Ch661\_Z

Communication System: UID 0, Generic GSM (0); 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 : 23.4 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3128; ; Calibrated: 2022/7/19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

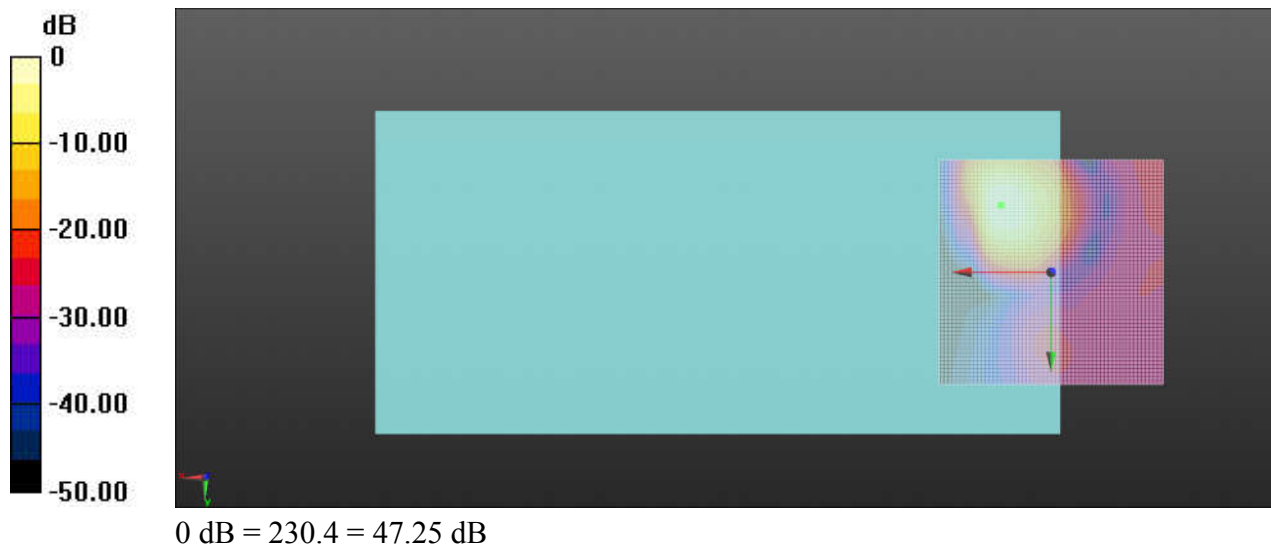
### Ch661/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 47.25 dB

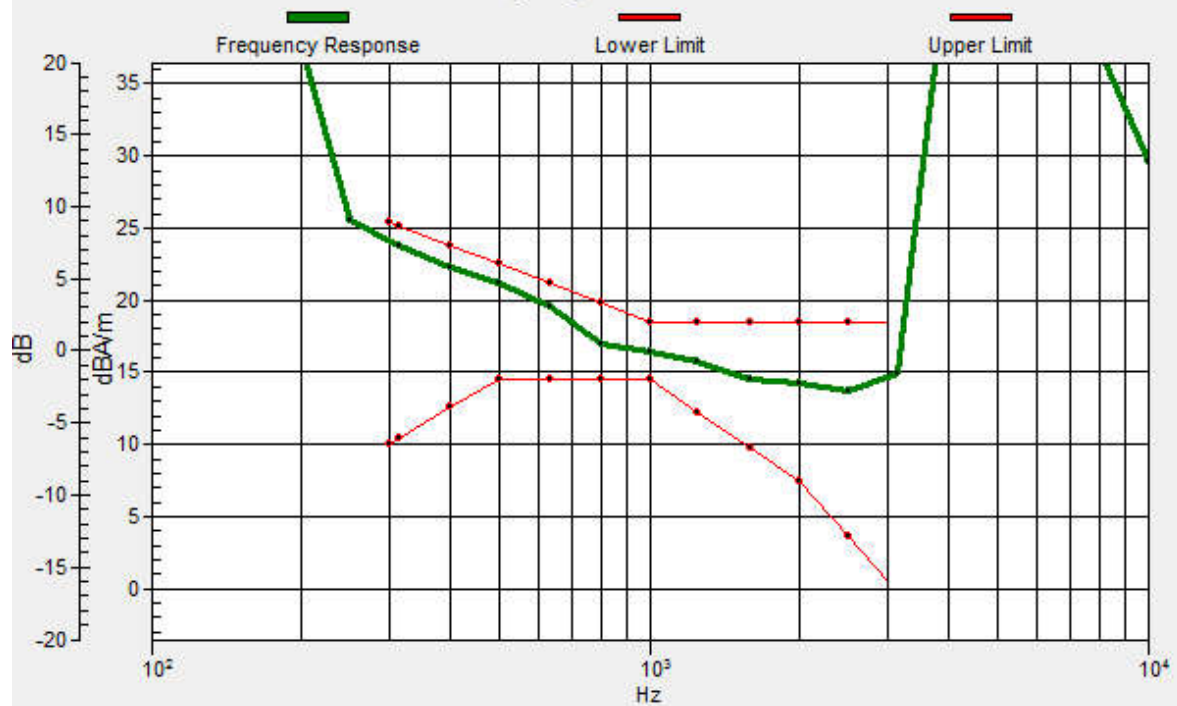
ABM1 comp = 17.60 dBA/m

Location: 11.3, -15, 3.7 mm



# Ch1900/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)

Loc: 11.2, -14.8, 3.7 mm Diff: 1.25dB



## 02\_HAC T-Coil\_GSM1900\_Voice\_Ch661\_Y

Communication System: UID 0, Generic GSM (0); 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 : 23.4 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3128; ; Calibrated: 2022/7/19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

### Ch661/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 = 42.12 dB

ABM1 comp = 7.29 dBA/m

Location: 12.5, 0, 3.7 mm



### 03\_HAC T-Coil\_WCDMA V\_Ch4182\_Z

Communication System: UID 0, UMTS (0); 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 : 23.4 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3128; ; Calibrated: 2022/7/19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

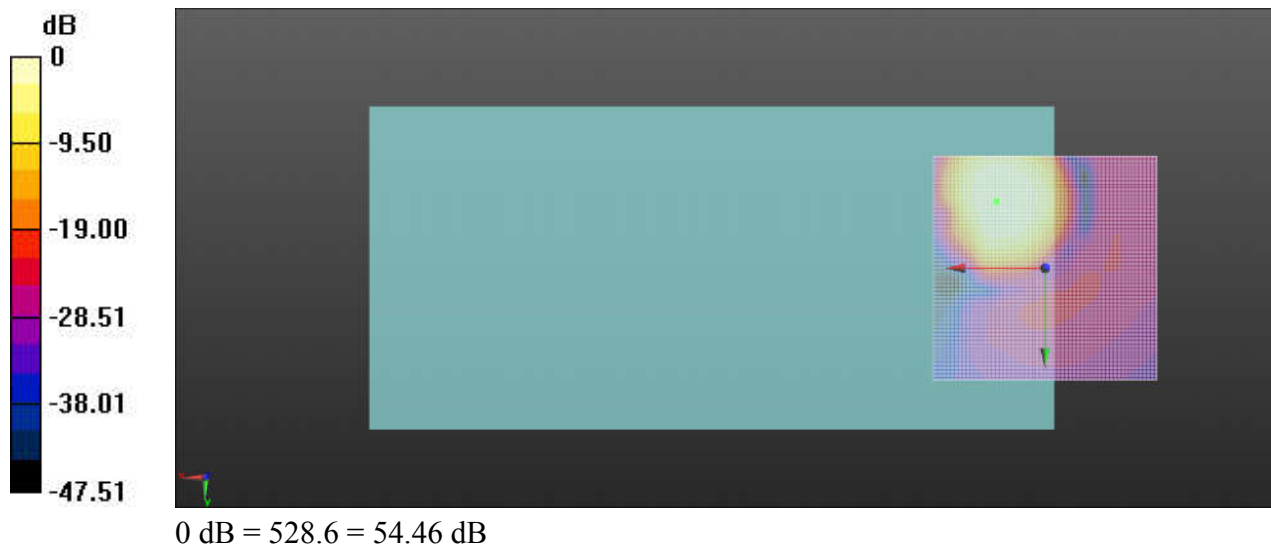
#### Ch4182/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 54.46 dB

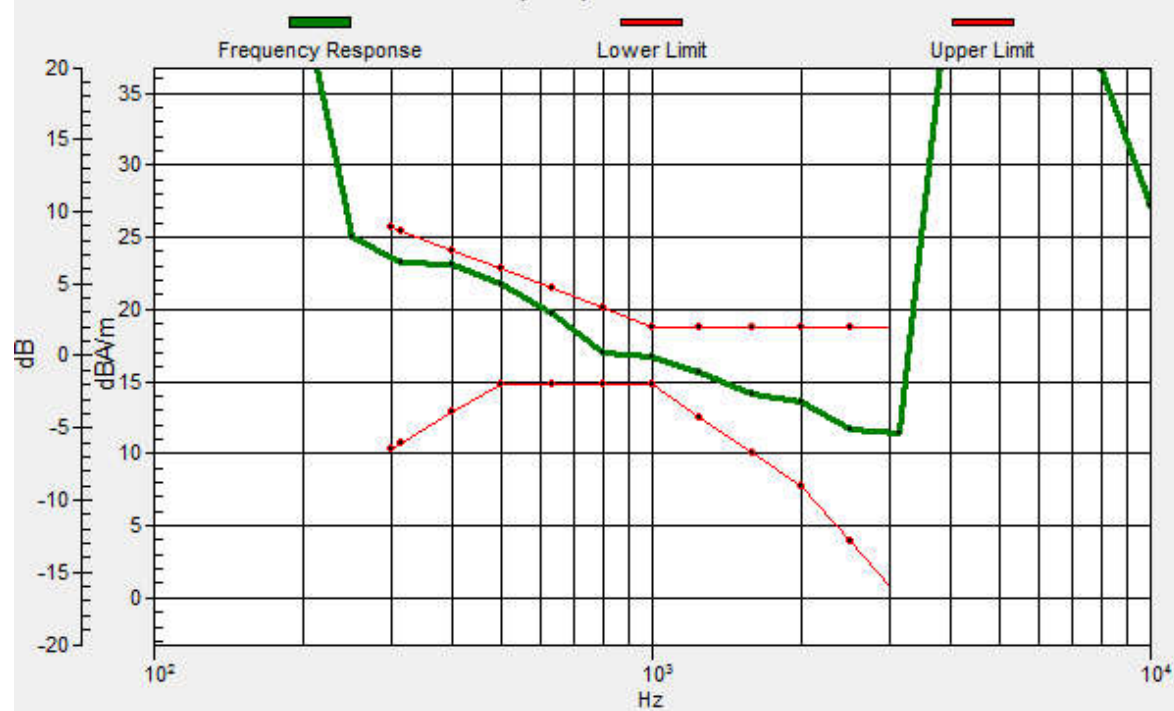
ABM1 comp = 16.59 dBA/m

Location: 10.8, -15, 3.7 mm



# Ch4182/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)

Loc: 10.7, -14.8, 3.7 mm Diff: 0.9dB



### 03\_HAC T-Coil\_WCDMA V\_Ch4182\_Y

Communication System: UID 0, UMTS (0); 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 : 23.4 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3128; ; Calibrated: 2022/7/19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

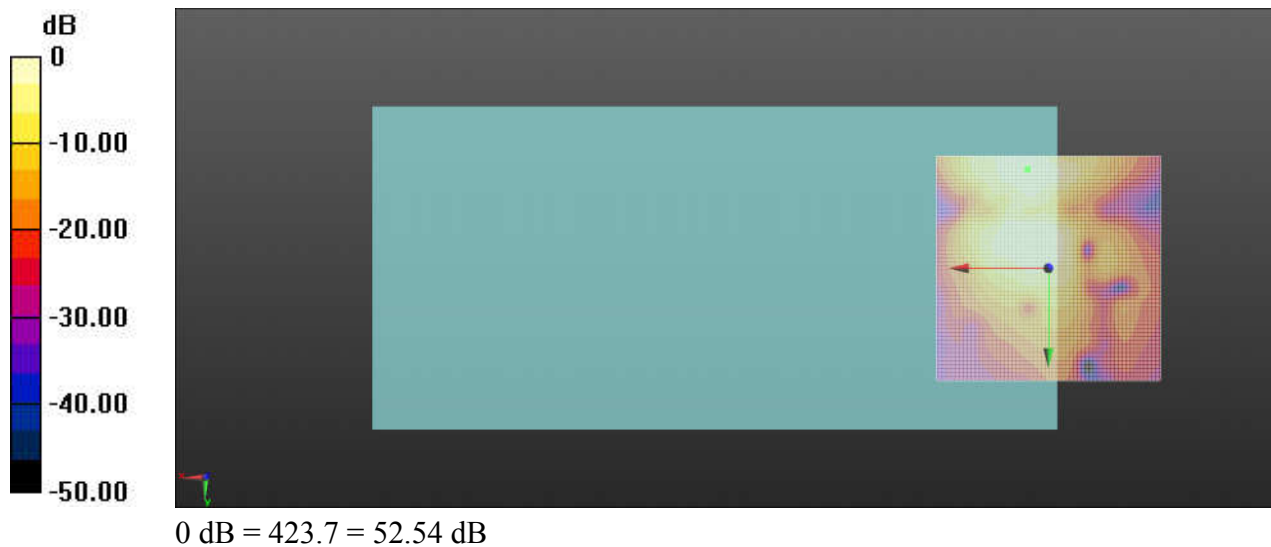
#### Ch4182/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 52.54 dB

ABM1 comp = 6.50 dBA/m

Location: 4.6, -22.1, 3.7 mm



## 04\_HAC T-Coil\_WCDMA IV\_Ch1413\_Z

Communication System: UID 0, UMTS (0); 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 : 23.4 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3128; ; Calibrated: 2022/7/19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

### Ch1413/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 = 54.49 dB

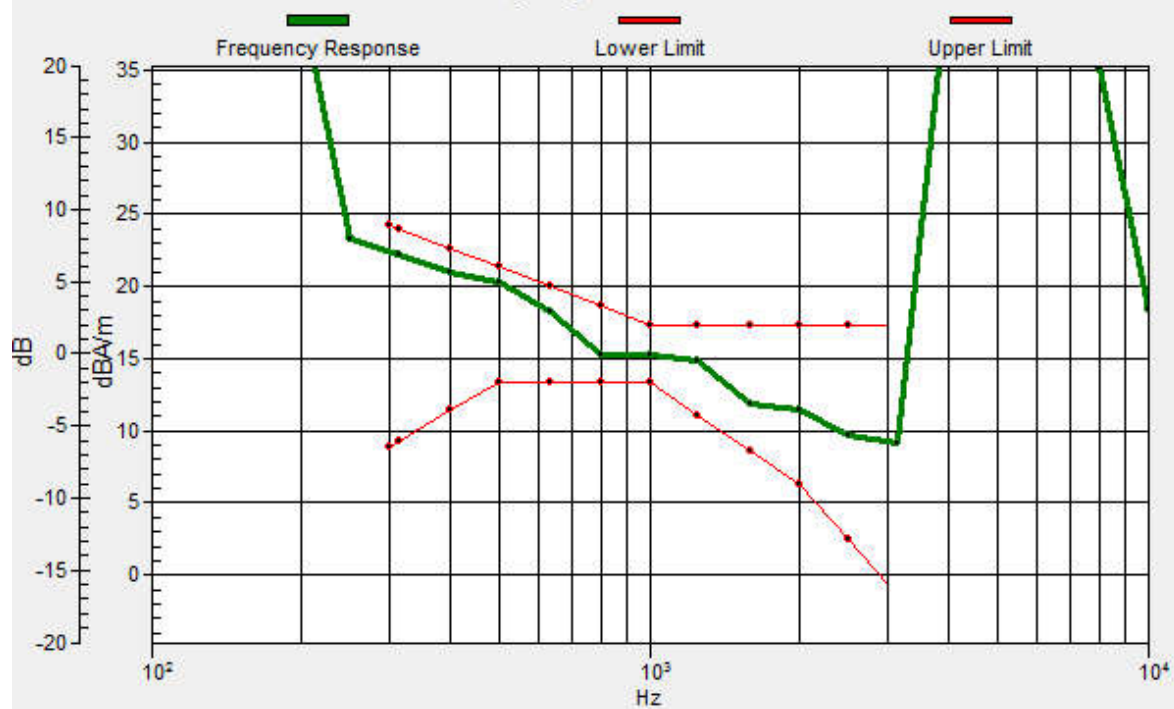
ABM1 comp = 15.18 dBA/m

Location: 10.8, -10.4, 3.7 mm



# Ch1413/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)

Loc: 10.8, -10.5, 3.7 mm Diff: 1.07dB



## 04\_HAC T-Coil\_WCDMA IV\_Ch1413\_Y

Communication System: UID 0, UMTS (0); 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 : 23.4 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3128; ; Calibrated: 2022/7/19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

### Ch1413/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 = 53.54 dB

ABM1 comp = 9.49 dBA/m

Location: 9.6, -21.7, 3.7 mm



**05\_HAC T-Coil\_WCDMA II\_Ch9400\_Z**

Communication System: UID 0, UMTS (0); 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 : 23.4 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3128; ; Calibrated: 2022/7/19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

**Ch9400/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 = 55.53 dB

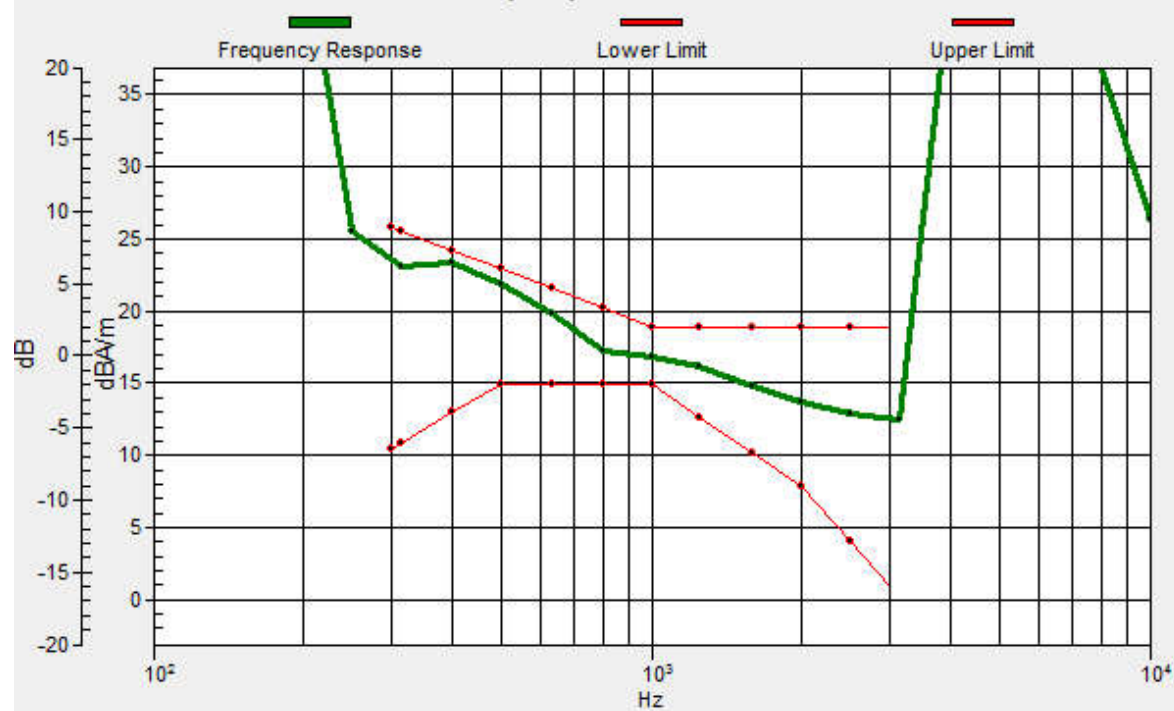
ABM1 comp = 16.59 dBA/m

Location: 8.3, -13.8, 3.7 mm



# Ch9400/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)

Loc: 8.4, -13.5, 3.7 mm Diff: 0.88dB



## 05\_HAC T-Coil\_WCDMA II\_Ch9400\_Y

Communication System: UID 0, UMTS (0); 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 : 23.4 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3128; ; Calibrated: 2022/7/19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

### Ch9400/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 = 53.44 dB

ABM1 comp = 7.78 dBA/m

Location: 5.8, -21.7, 3.7 mm



**06\_HAC T-Coil\_LTE Band 7\_20M\_QPSK\_1RB\_0Offset\_Ch21100\_Z**

Communication System: UID 0, LTE (0); Frequency: 2535 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 : 23.4 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3128; ; Calibrated: 2022/7/19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

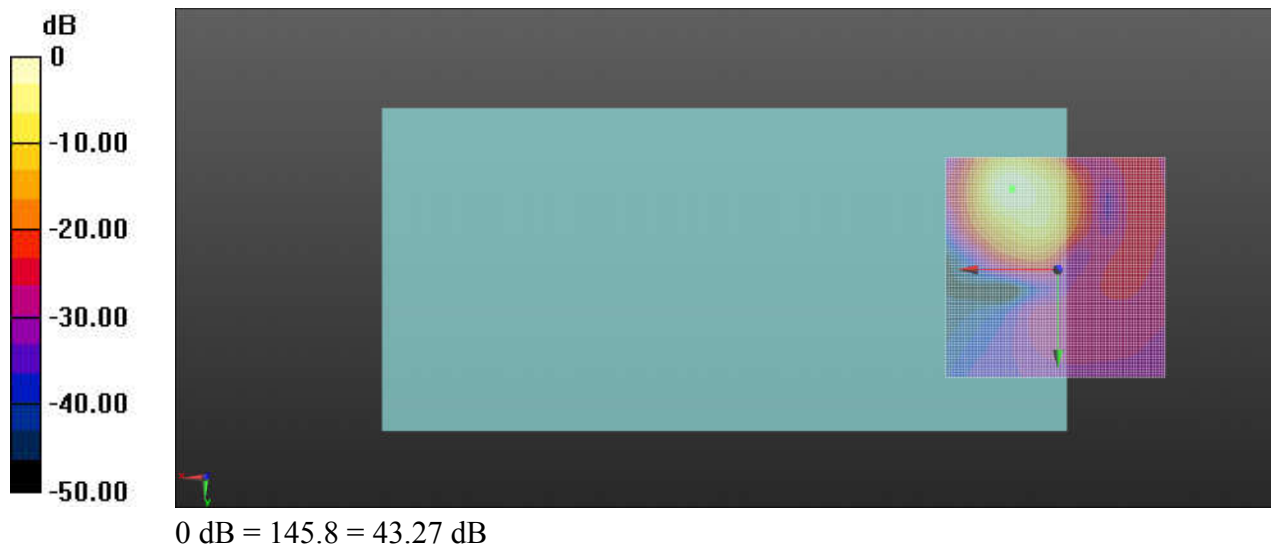
**Ch21100/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):**

Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 43.27 dB

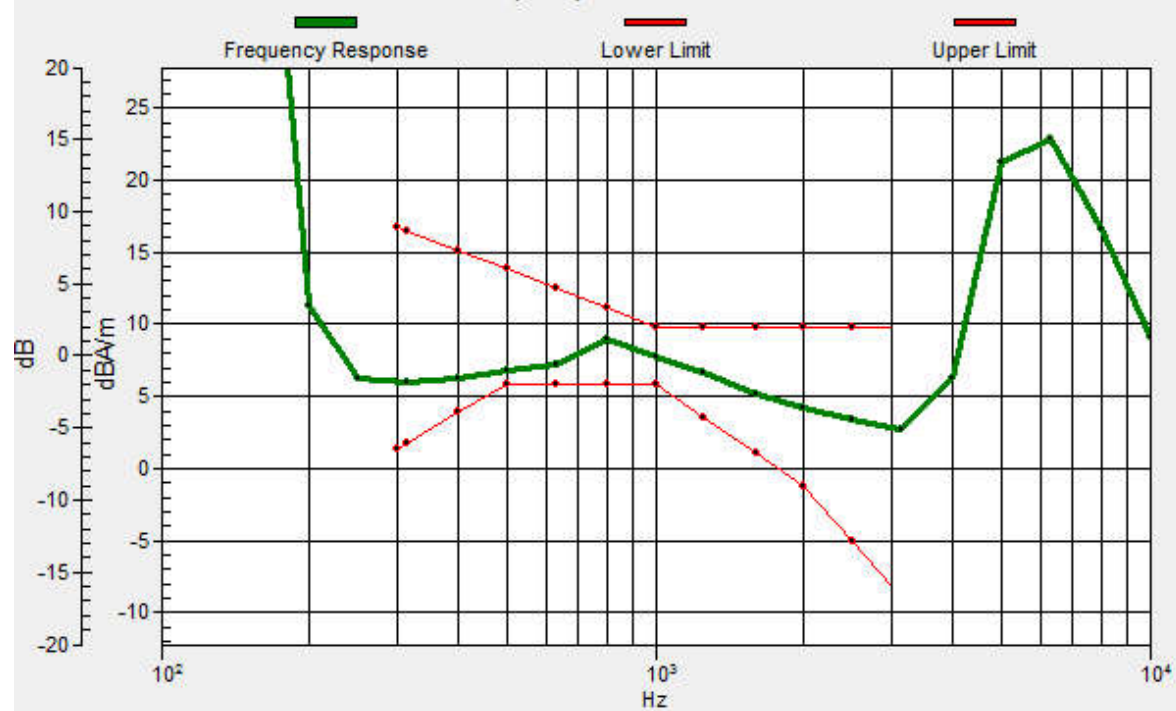
ABM1 comp = 6.76 dBA/m

Location: 10.3, -18, 3.7 mm



# Ch21100/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)

Loc: 10.3, -17.9, 3.7 mm Diff: 1.01dB



**06\_HAC T-Coil\_LTE Band 7\_20M\_QPSK\_1RB\_0Offset\_Ch21100\_Y**

Communication System: UID 0, LTE (0); Frequency: 2535 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 : 23.4 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3128; ; Calibrated: 2022/7/19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

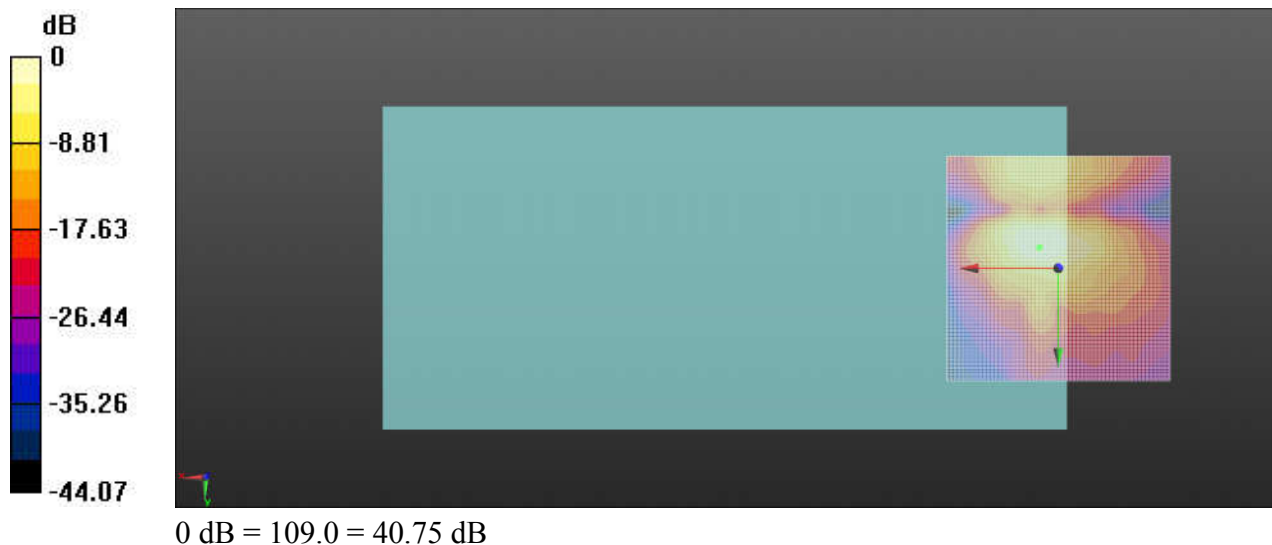
**Ch21100/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):**

Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 40.75 dB

ABM1 comp = -3.99 dBA/m

Location: 4.2, -4.6, 3.7 mm



**07\_HAC T-Coil\_LTE Band 12\_10M\_QPSK\_1RB\_0Offset\_Ch23095\_Z**

Communication System: UID 0, LTE (0); Frequency: 707.5 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 : 23.4 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3128; ; Calibrated: 2022/7/19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

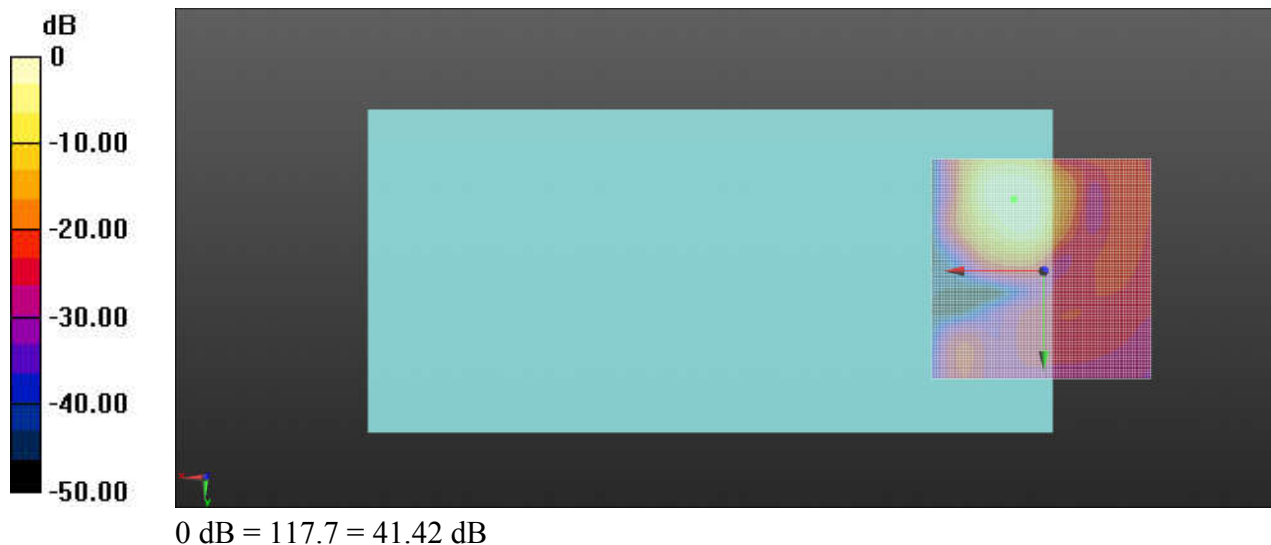
**Ch23095/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):**

Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 41.41 dB

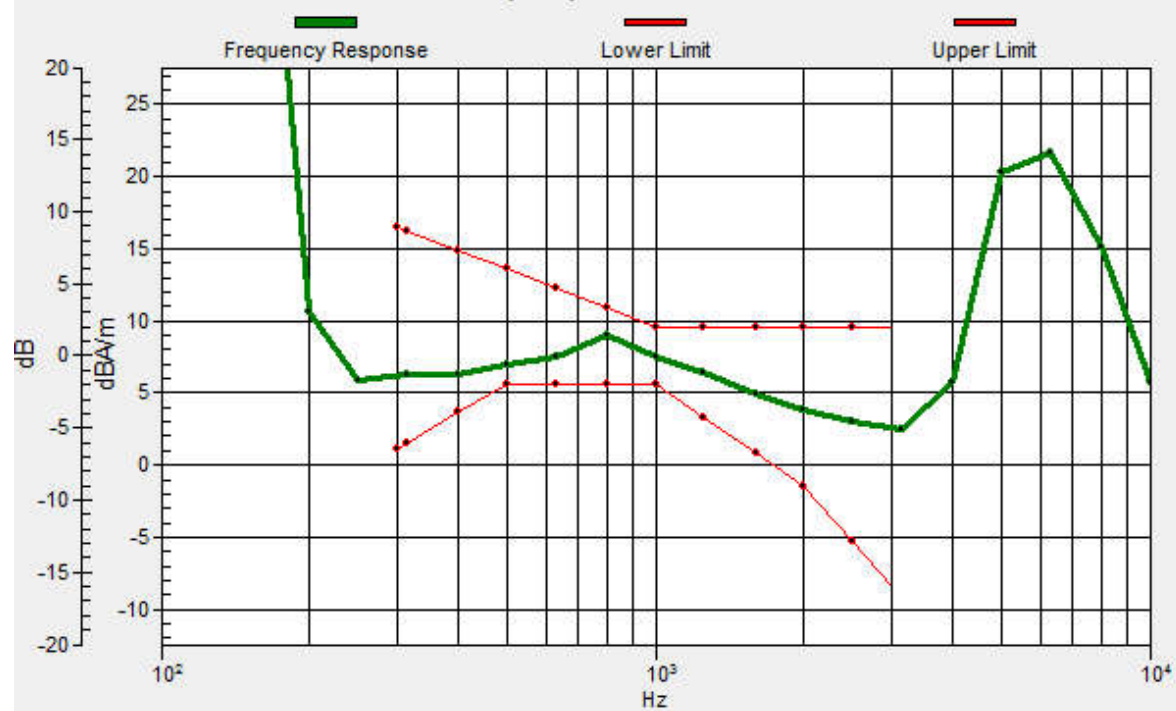
ABM1 comp = 4.88 dBA/m

Location: 6.8, -15.9, 3.7 mm



# Ch23095/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)

Loc: 6.7, -16.1, 3.7 mm Diff: 1.32dB



**07\_HAC T-Coil\_LTE Band 12\_10M\_QPSK\_1RB\_0Offset\_Ch23095\_Y**

Communication System: UID 0, LTE (0); Frequency: 707.5 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 : 23.4 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3128; ; Calibrated: 2022/7/19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

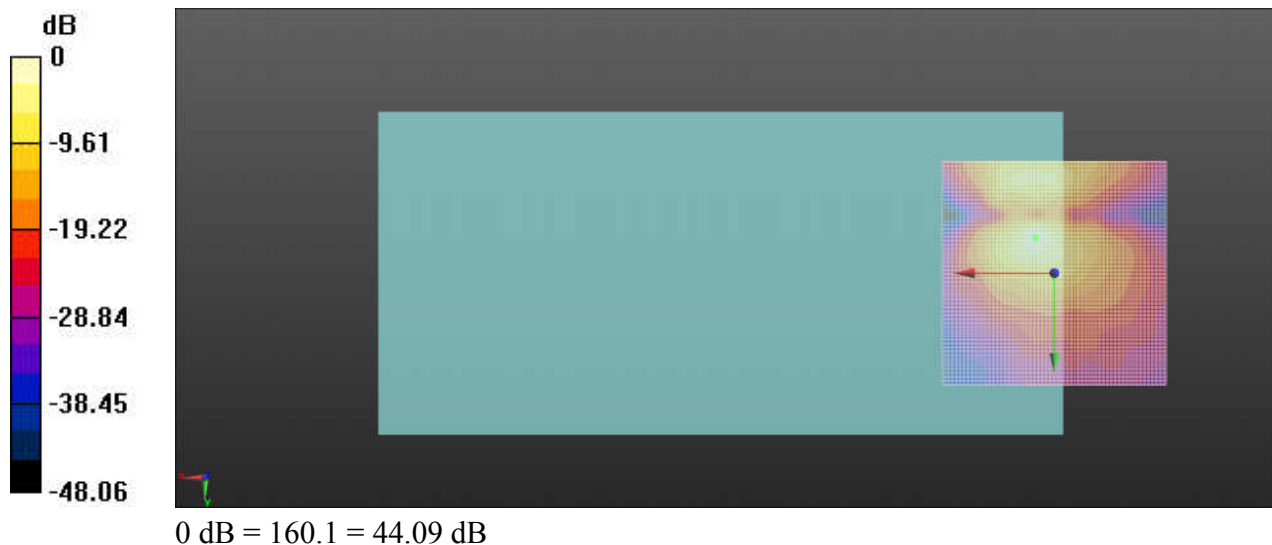
**Ch23095/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):**

Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 44.09 dB

ABM1 comp = -5.02 dBA/m

Location: 4.2, -7.9, 3.7 mm



**08\_HAC T-Coil\_LTE Band 13\_10M\_QPSK\_1RB\_0Offset\_Ch23230\_Z**

Communication System: UID 0, LTE (0); Frequency: 782 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 : 23.4 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3128; ; Calibrated: 2022/7/19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

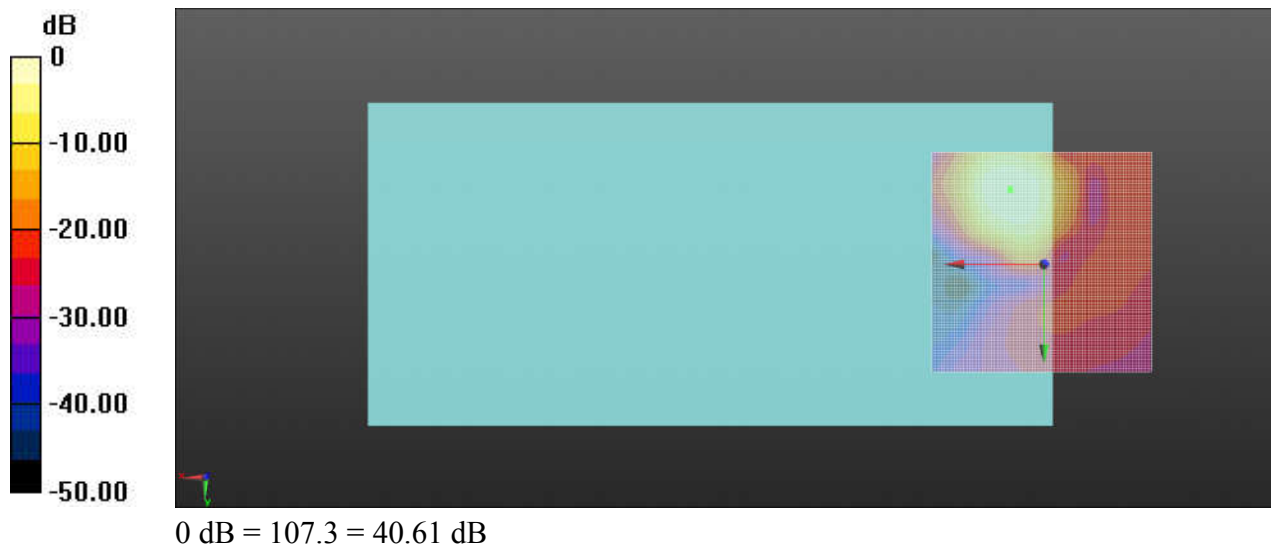
**Ch23230/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):**

Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 40.61 dB

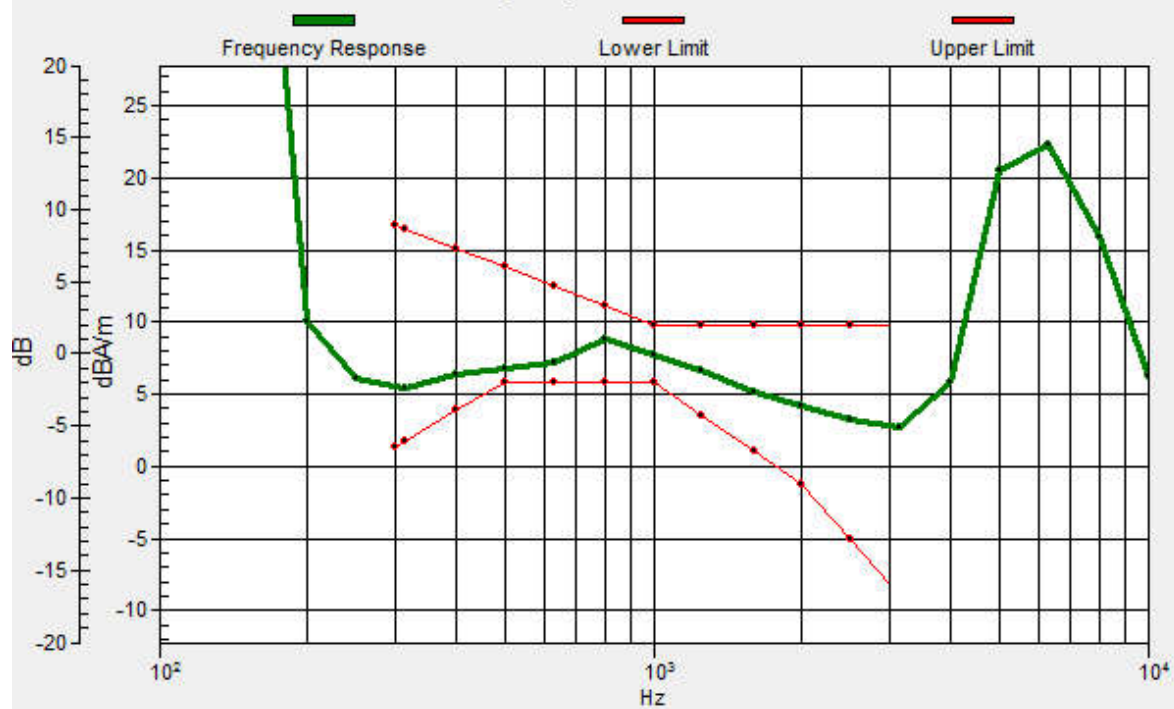
ABM1 comp = 5.35 dBA/m

Location: 7.5, -16.6, 3.7 mm



# Ch23230/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)

Loc: 7.5, -16.7, 3.7 mm Diff: 0.97dB



**08\_HAC T-Coil\_LTE Band 13\_10M\_QPSK\_1RB\_0Offset\_Ch23230\_Y**

Communication System: UID 0, LTE (0); Frequency: 782 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 : 23.4 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3128; ; Calibrated: 2022/7/19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

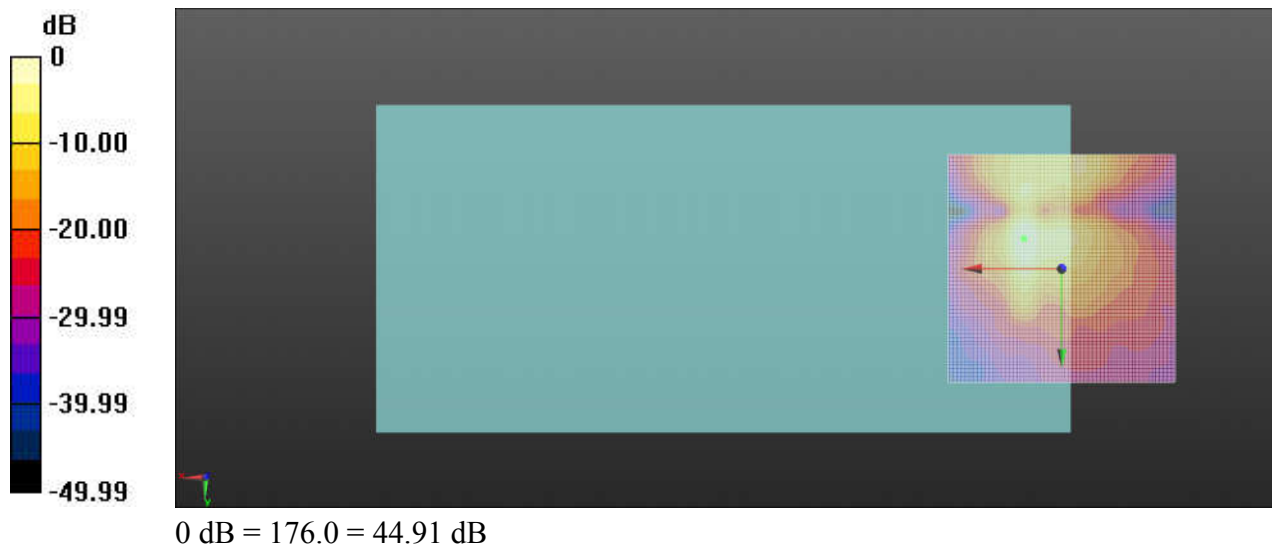
**Ch23230/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):**

Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 44.91 dB

ABM1 comp = -0.98 dBA/m

Location: 8.3, -6.7, 3.7 mm



**09\_HAC T-Coil\_LTE Band 14\_10M\_QPSK\_1RB\_0Offset\_Ch23330\_Z**

Communication System: UID 0, LTE (0); Frequency: 793 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 : 23.4 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3128; ; Calibrated: 2022/7/19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

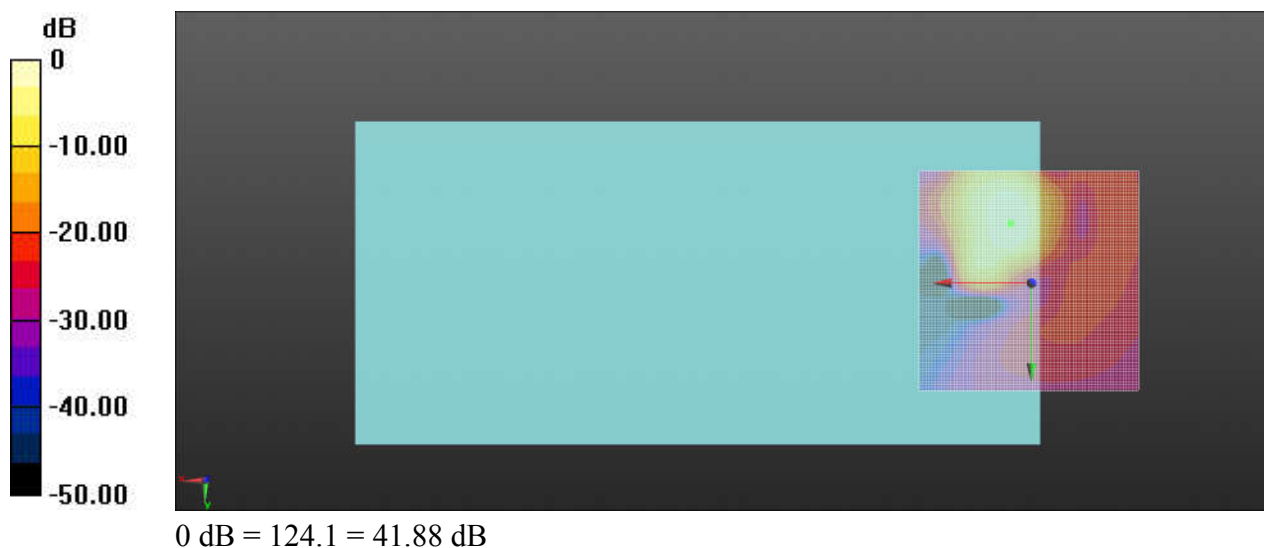
**Ch23330/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):**

Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 41.88 dB

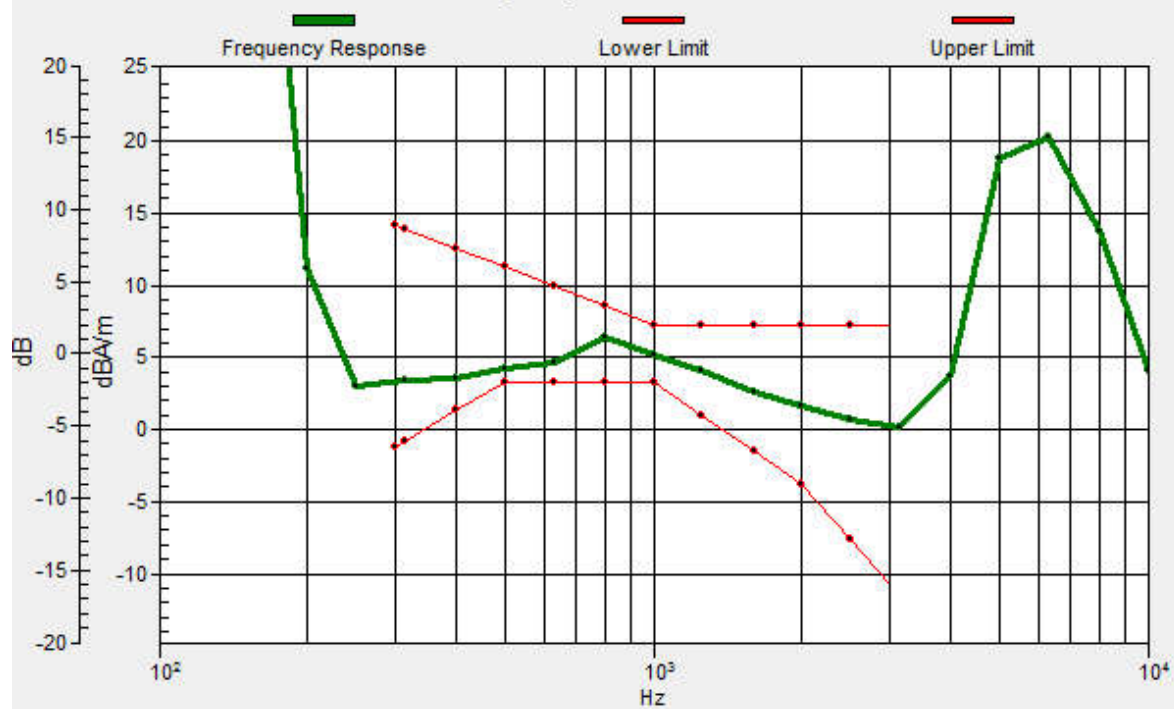
ABM1 comp = 2.87 dBA/m

Location: 4.7, -13.1, 3.7 mm



# Ch23330/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)

Loc: 4.6, -13.4, 3.7 mm Diff: 1.02dB



**09\_HAC T-Coil\_LTE Band 14\_10M\_QPSK\_1RB\_0Offset\_Ch23330\_Y**

Communication System: UID 0, LTE (0); Frequency: 793 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 : 23.4 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3128; ; Calibrated: 2022/7/19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

**Ch23330/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 = 41.32 dB

ABM1 comp = -5.27 dBA/m

Location: 2.5, -5.8, 3.7 mm



**10\_HAC T-Coil\_LTE Band 25\_20M\_QPSK\_1RB\_0Offset\_Ch26340\_Z**

Communication System: UID 0, LTE (0); 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 : 23.4 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3128; ; Calibrated: 2022/7/19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

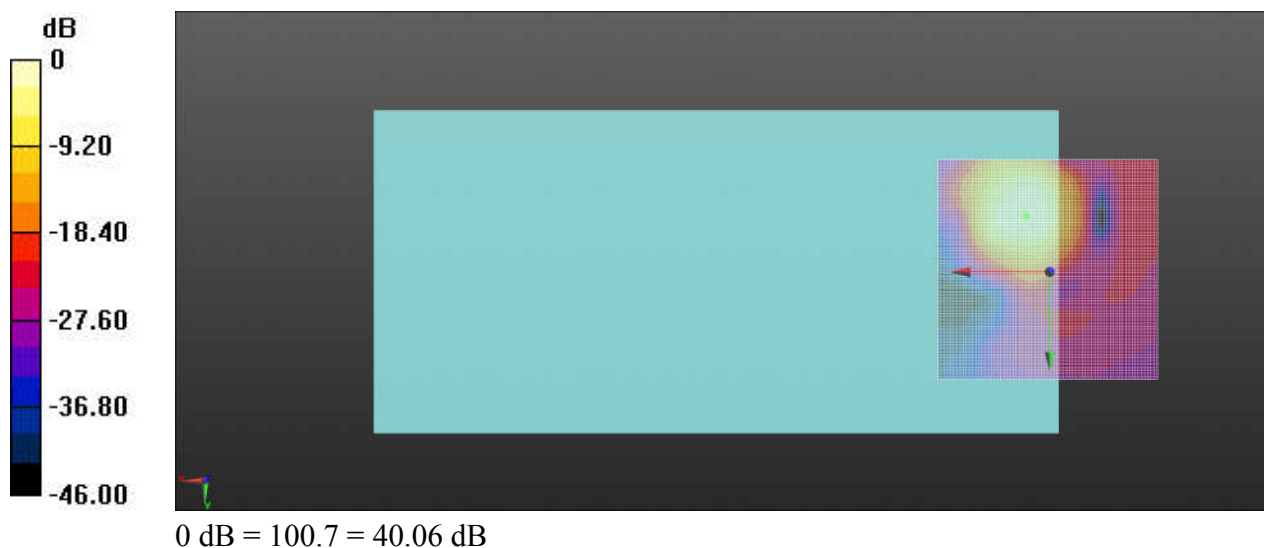
**Ch26340/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):**

Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 40.06 dB

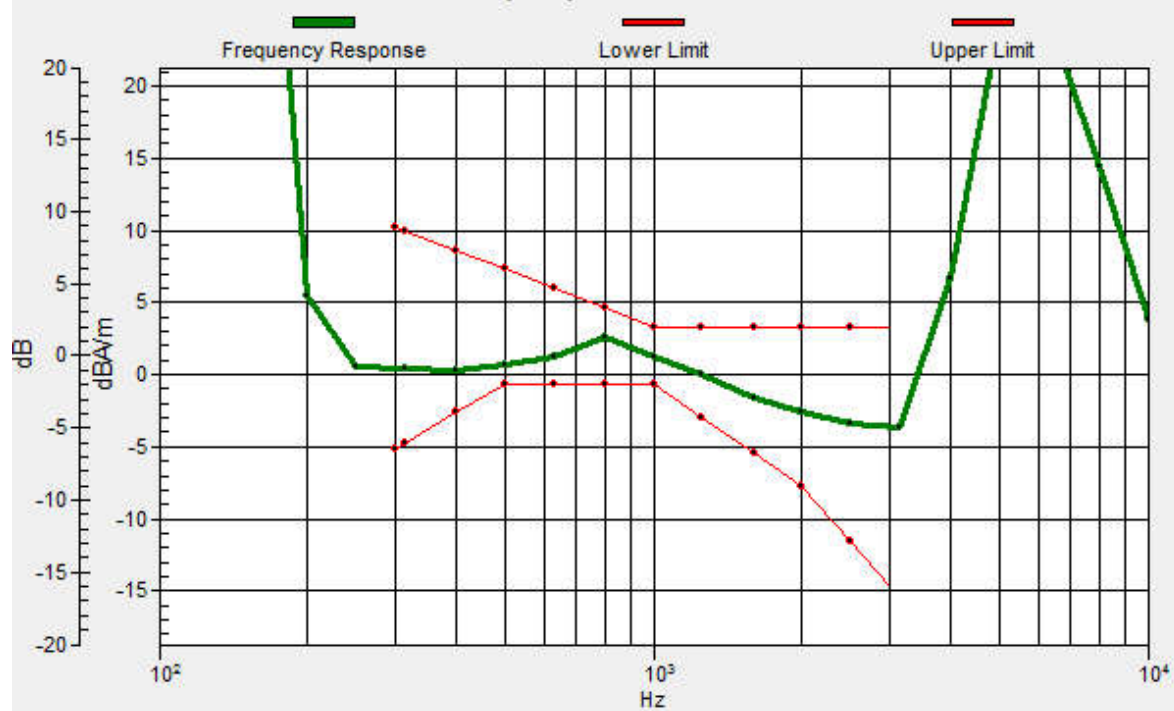
ABM1 comp = -0.71 dBA/m

Location: 5.4, -12.4, 3.7 mm



# Ch26340/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)

Loc: 5.4, -12.5, 3.7 mm Diff: 1.41dB



**10\_HAC T-Coil\_LTE Band 25\_20M\_QPSK\_1RB\_0Offset\_Ch26340\_Y**

Communication System: UID 0, LTE (0); 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 : 23.4 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3128; ; Calibrated: 2022/7/19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

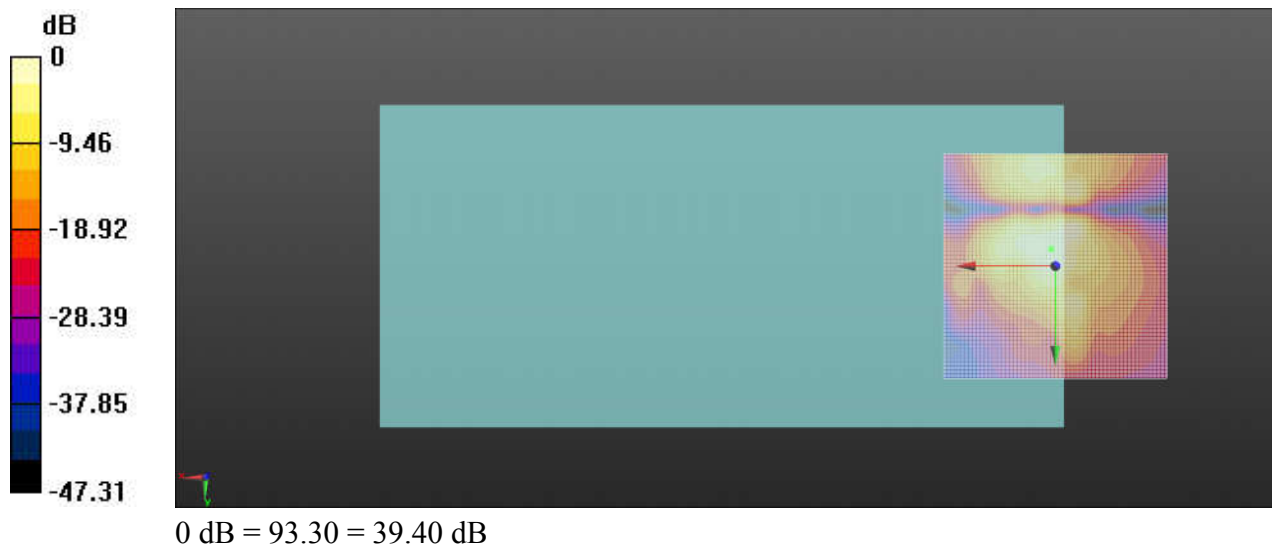
**Ch26340/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):**

Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 39.40 dB

ABM1 comp = -10.56 dBA/m

Location: 0.8, -3.8, 3.7 mm



**11\_HAC T-Coil\_LTE Band 26\_15M\_QPSK\_1RB\_0Offset\_Ch26865\_Z**

Communication System: UID 0, LTE (0); Frequency: 831.5 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 : 23.4 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3128; ; Calibrated: 2022/7/19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

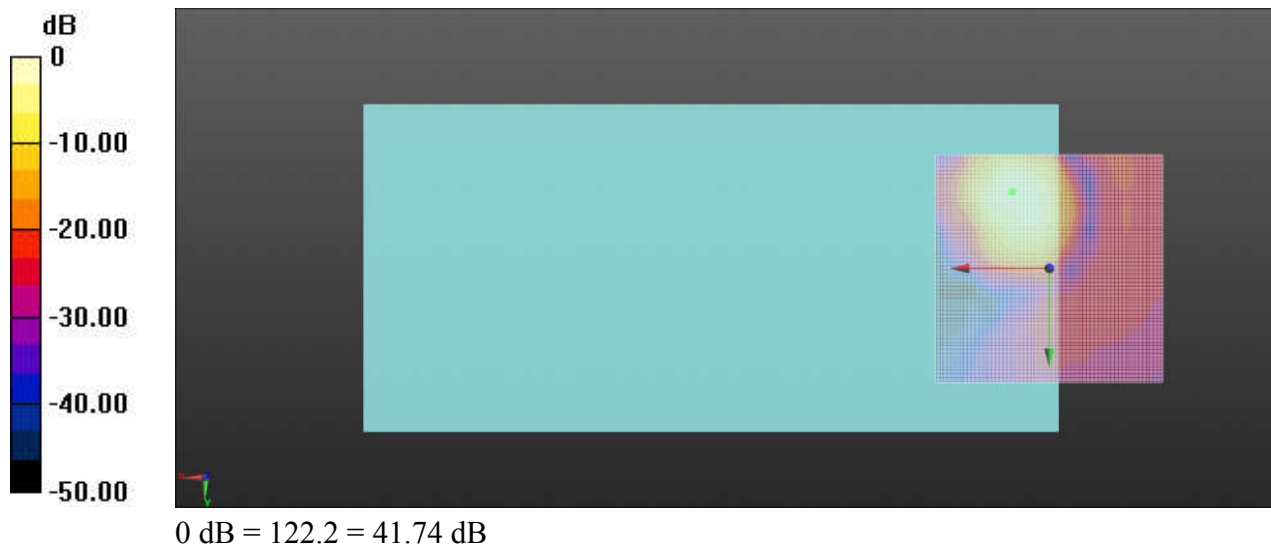
**Ch26865/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):**

Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 41.74 dB

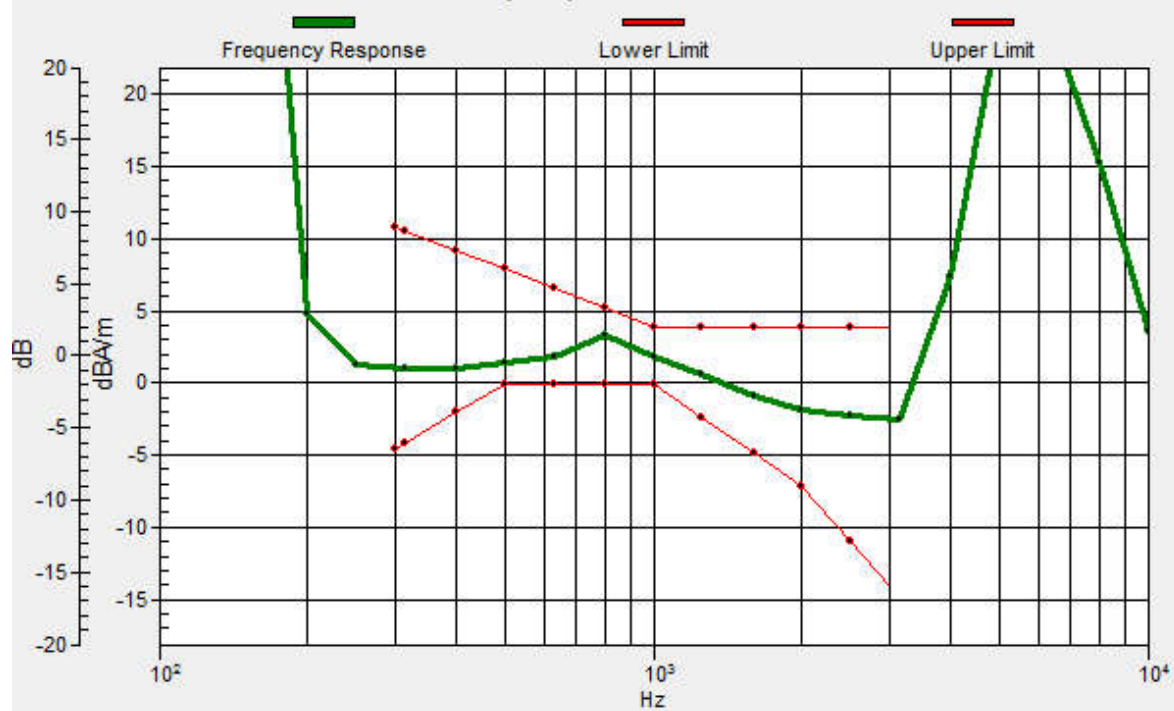
ABM1 comp = 1.39 dBA/m

Location: 8.3, -16.7, 3.7 mm



# Ch26865/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)

Loc: 8.2, -16.8, 3.7 mm Diff: 1.46dB



**11\_HAC T-Coil\_LTE Band 26\_15M\_QPSK\_1RB\_0Offset\_Ch26865\_Y**

Communication System: UID 0, LTE (0); Frequency: 831.5 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 : 23.4 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3128; ; Calibrated: 2022/7/19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

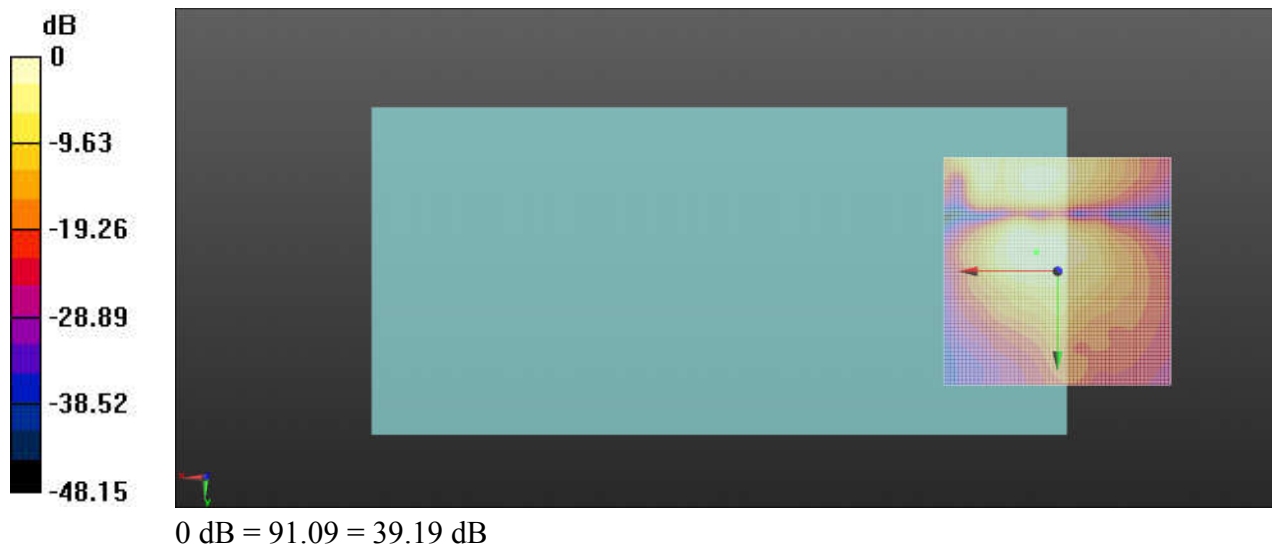
**Ch26865/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):**

Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 39.19 dB

ABM1 comp = -7.59 dBA/m

Location: 4.6, -4.2, 3.7 mm



**12\_HAC T-Coil\_LTE Band 30\_10M\_QPSK\_1RB\_0Offset\_Ch27710\_Z**

Communication System: UID 0, LTE (0); Frequency: 2310 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 : 23.4 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3128; ; Calibrated: 2022/7/19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

**Ch27710/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 = 44.31 dB

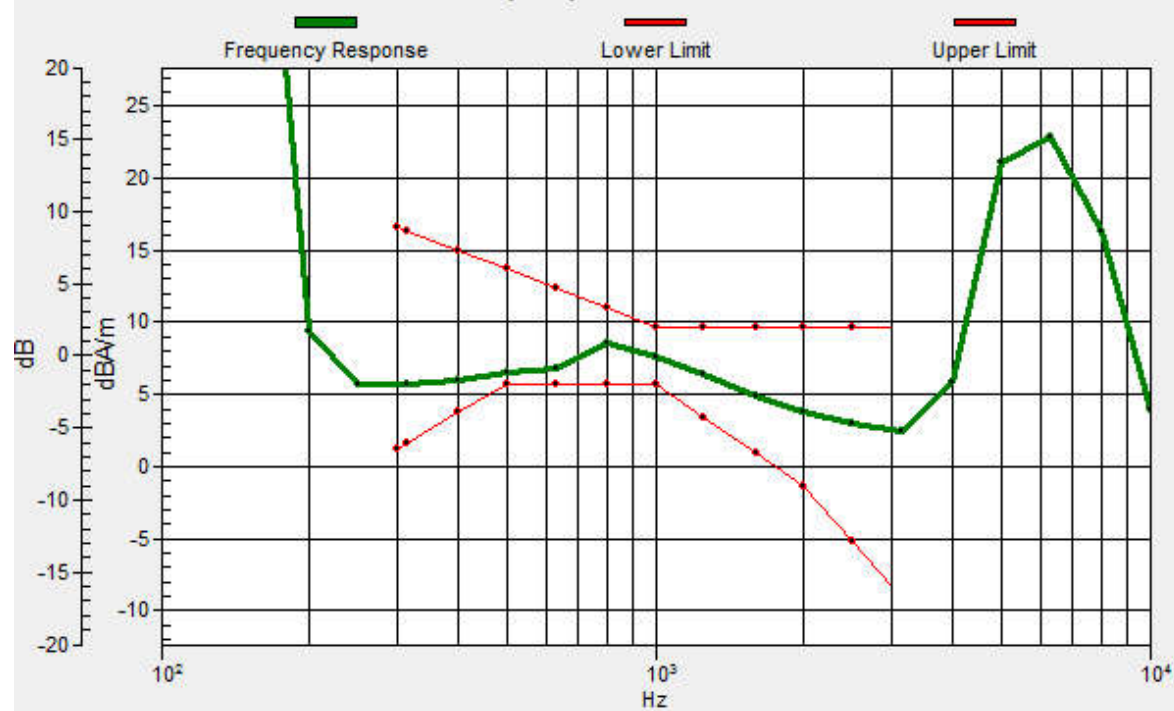
ABM1 comp = 4.90 dBA/m

Location: 6.8, -16.6, 3.7 mm



# Ch27710/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)

Loc: 6.7, -16.2, 3.7 mm Diff: 0.83dB



**12\_HAC T-Coil\_LTE Band 30\_10M\_QPSK\_1RB\_0Offset\_Ch27710\_Y**

Communication System: UID 0, LTE (0); Frequency: 2310 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 : 23.4 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3128; ; Calibrated: 2022/7/19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

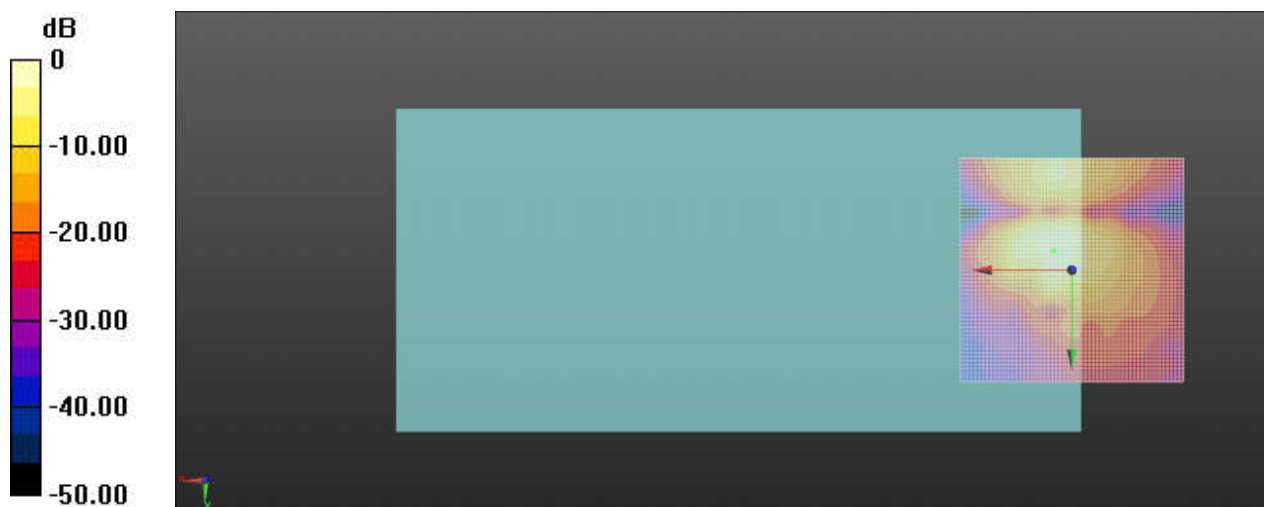
**Ch27710/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):**

Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 44.46 dB

ABM1 comp = -3.53 dBA/m

Location: 4.2, -4.2, 3.7 mm



0 dB = 167.1 = 44.46 dB

**13\_HAC T-Coil\_LTE Band 66\_20M\_QPSK\_1RB\_0Offset\_Ch132322\_Z**

Communication System: UID 0, LTE (0); Frequency: 1745 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 : 23.4 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3128; ; Calibrated: 2022/7/19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

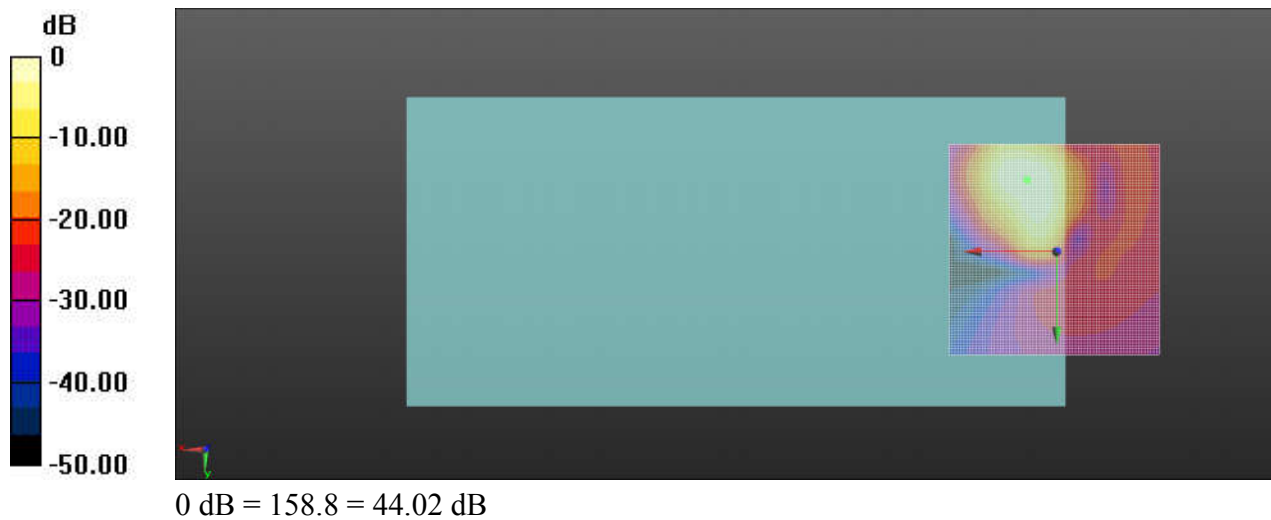
**Ch132322/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):**

Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 44.02 dB

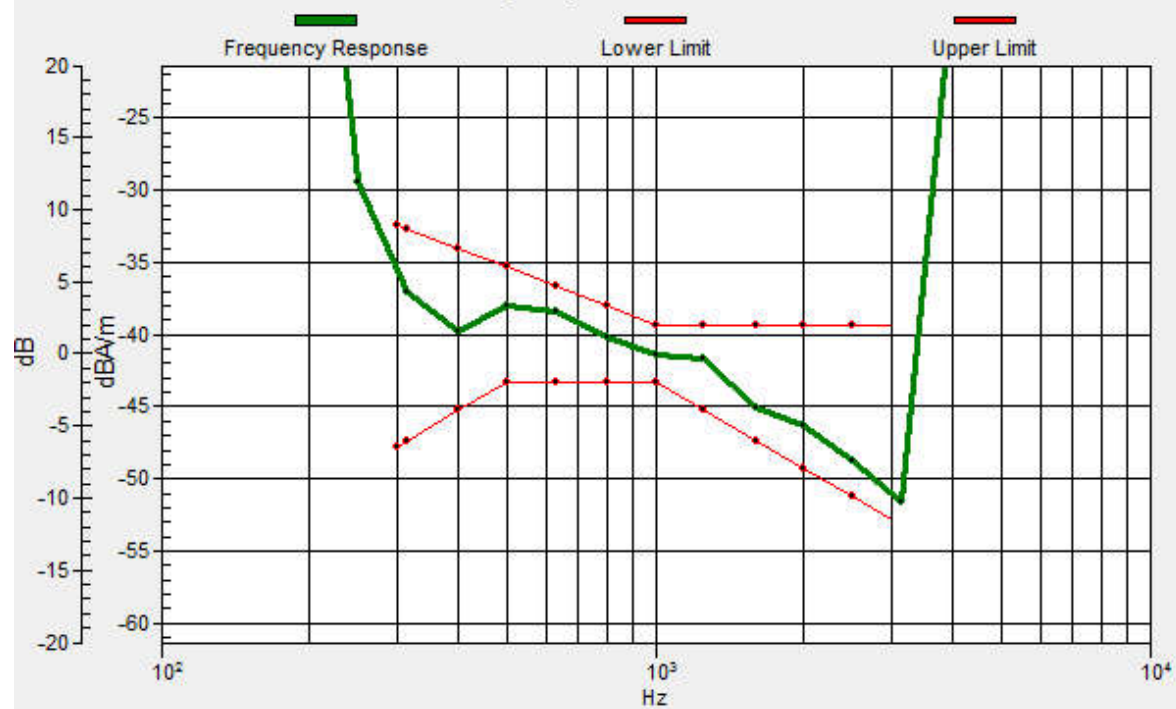
ABM1 comp = 4.76 dBA/m

Location: 6.8, -16.6, 3.7 mm



# Ch132322/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)

Loc: 6.9, -16.7, 3.7 mm Diff: 1.69dB



**13\_HAC T-Coil\_LTE Band 66\_20M\_QPSK\_1RB\_0Offset\_Ch132322\_Y**

Communication System: UID 0, LTE (0); Frequency: 1745 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 : 23.4 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3128; ; Calibrated: 2022/7/19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

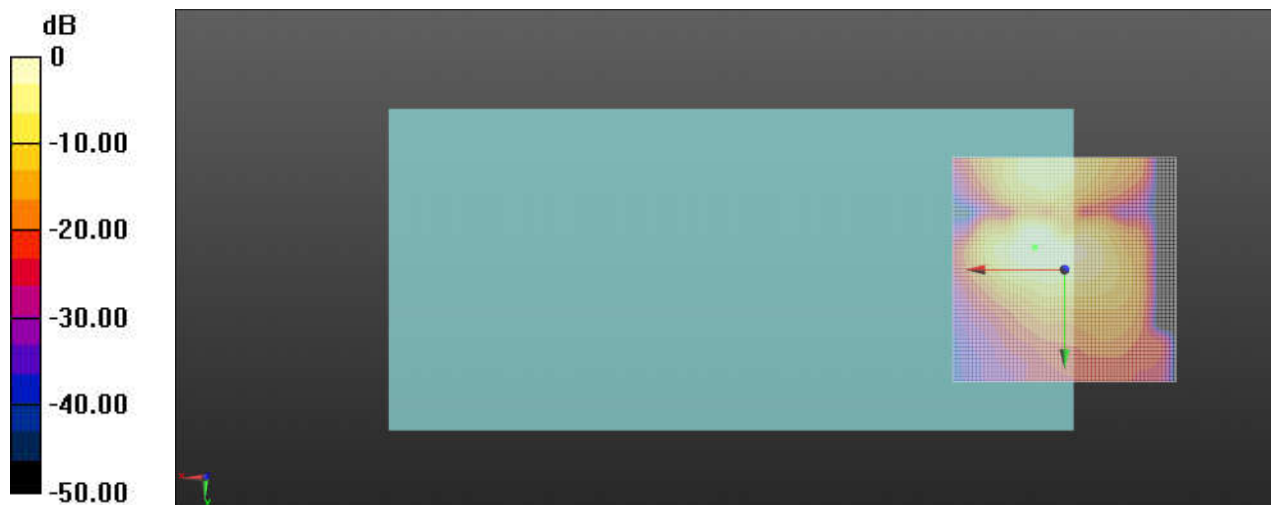
**Ch132322/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z)(121x121x1):**

Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 42.11 dB

ABM1 comp = -1.83 dBA/m

Location: 6.7, -5, 3.7 mm



0 dB = 127.4 = 42.10 dB

## 14\_HAC T-Coil\_LTE Band 71\_20M\_QPSK\_1RB\_0Offset\_Ch133297\_Z

Communication System: UID 0, LTE (0); Frequency: 680.5 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 : 23.4 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3128; ; Calibrated: 2022/7/19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

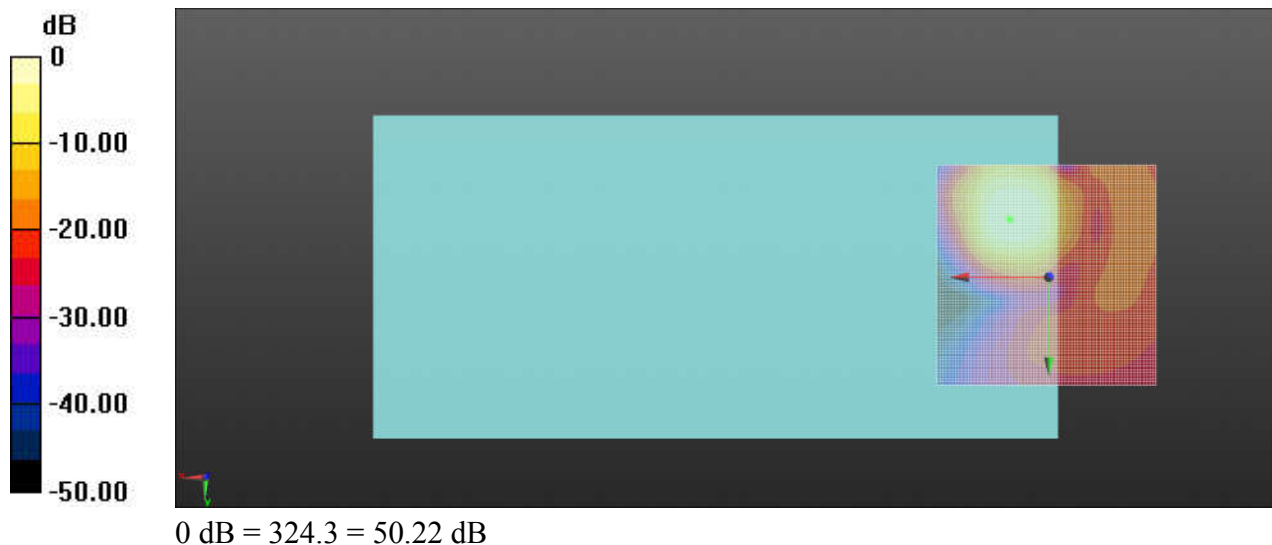
### Ch133297/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 50.22 dB

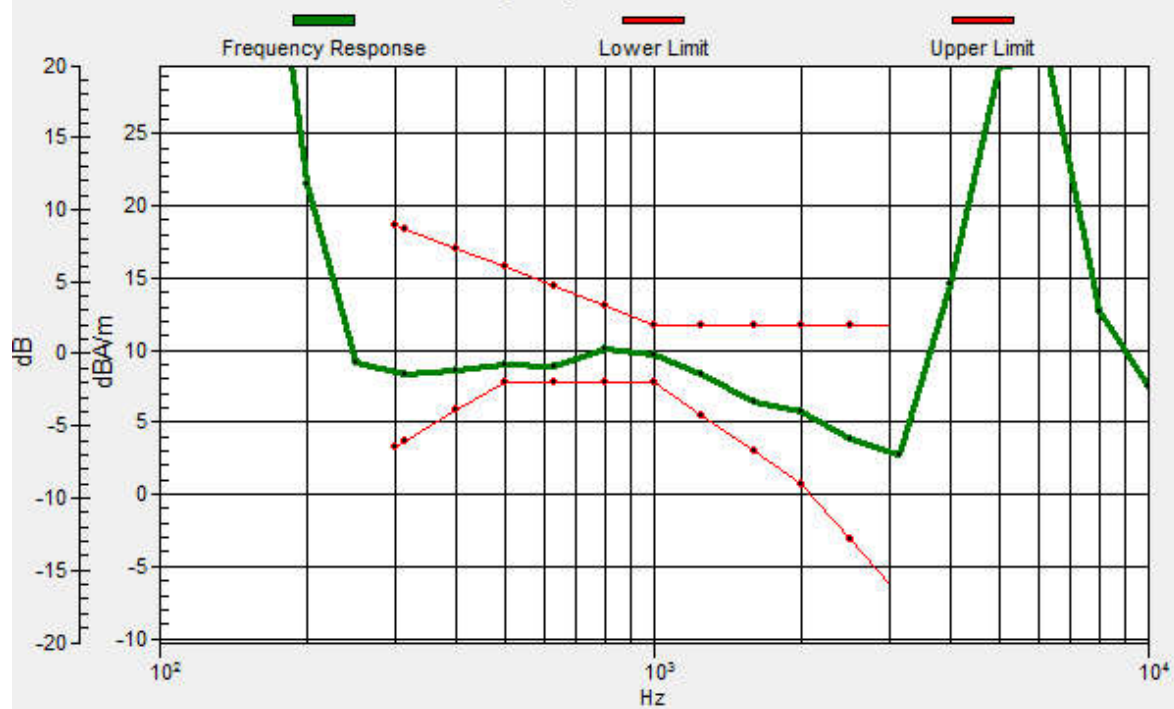
ABM1 comp = 15.02 dBA/m

Location: 8.9, -13.1, 3.7 mm



# Ch133297/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)

Loc: 8.6, -12.8, 3.7 mm Diff: 1.06dB



**14\_HAC T-Coil\_LTE Band 71\_20M\_QPSK\_1RB\_0Offset\_Ch133297\_Y**

Communication System: UID 0, LTE (0); Frequency: 680.5 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 : 23.4 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3128; ; Calibrated: 2022/7/19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

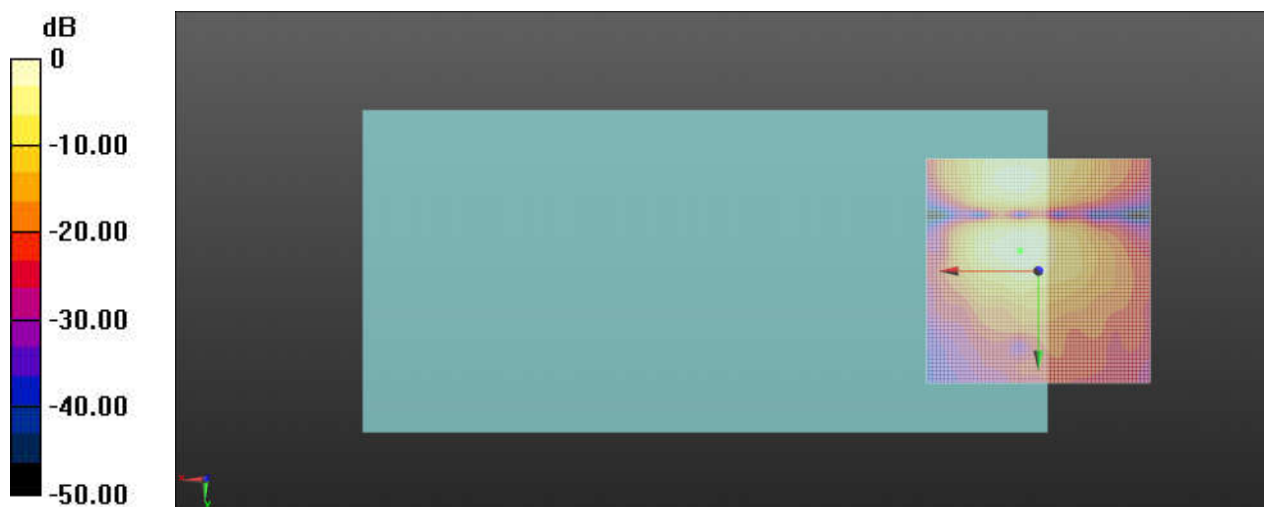
**Ch133297/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z)(121x121x1):**

Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 46.28 dB

ABM1 comp = 1.24 dBA/m

Location: 4.2, -4.6, 3.7 mm



**15\_HAC T-Coil\_LTE Band 41\_20M\_QPSK\_1RB\_0Offset\_Ch40620\_Z**

Communication System: UID 0, LTE (0); Frequency: 2593 MHz; Duty Cycle: 1:1.59

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

Ambient Temperature : 23.4 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3128; ; Calibrated: 2022/7/19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

**Ch40620/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 = 42.04 dB

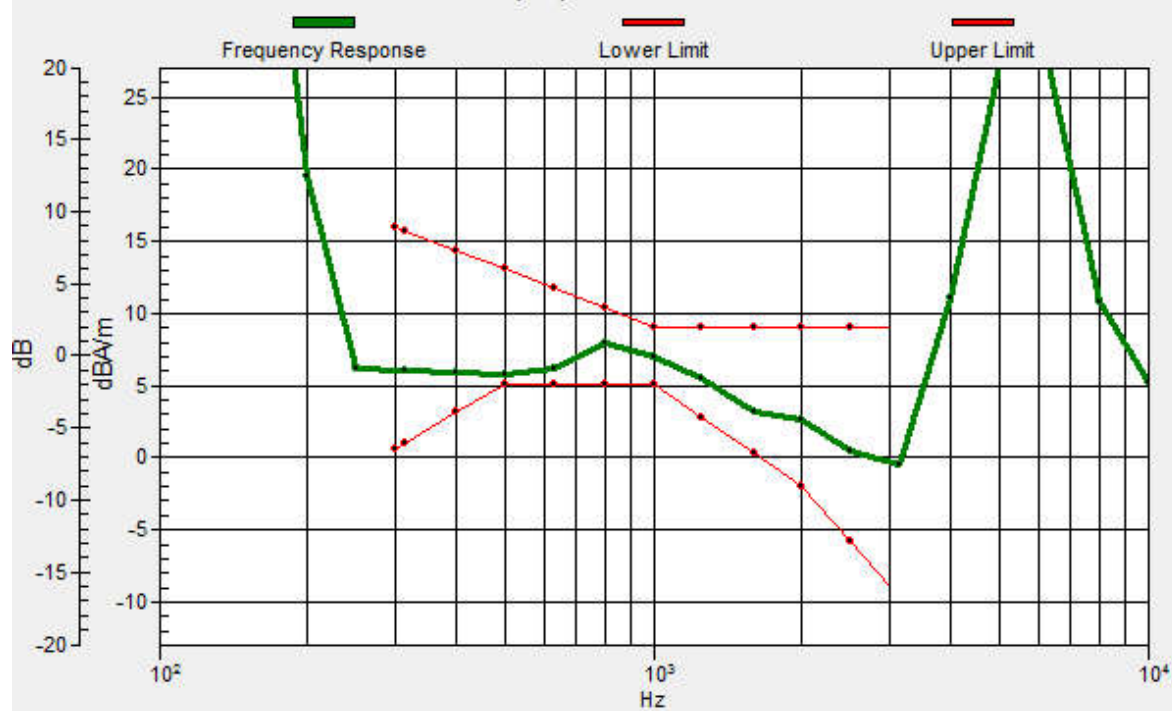
ABM1 comp = 7.47 dBA/m

Location: 4.6, -12.9, 3.7 mm



# Ch40620/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)

Loc: 4.6, -13, 3.7 mm Diff: 0.64dB



**15\_HAC T-Coil\_LTE Band 41\_20M\_QPSK\_1RB\_0Offset\_Ch40620\_Y**

Communication System: UID 0, LTE (0); Frequency: 2593 MHz; Duty Cycle: 1:1.59

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

Ambient Temperature : 23.4 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3128; ; Calibrated: 2022/7/19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

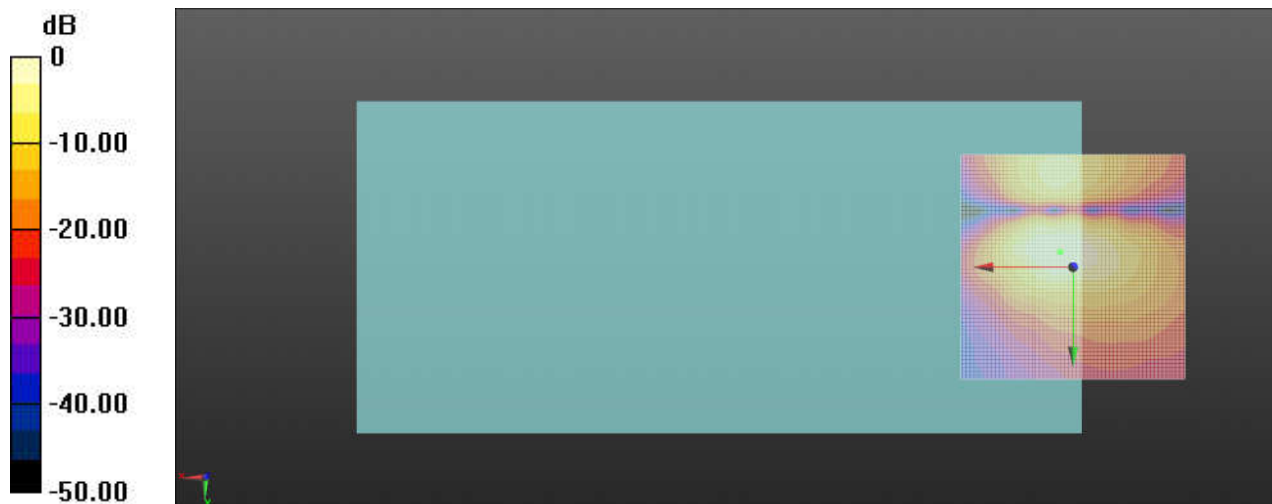
**Ch40620/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):**

Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 41.76 dB

ABM1 comp = 4.13 dBA/m

Location: 2.9, -3.3, 3.7 mm



0 dB = 154.2 = 41.76 dB

**16\_HAC T-Coil\_LTE Band 48\_20M\_QPSK\_1RB\_0Offset\_Ch55340\_Z**

Communication System: UID 0, LTE (0); Frequency: 3560 MHz; Duty Cycle: 1:1.59

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

Ambient Temperature : 23.4 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3128; ; Calibrated: 2022/7/19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

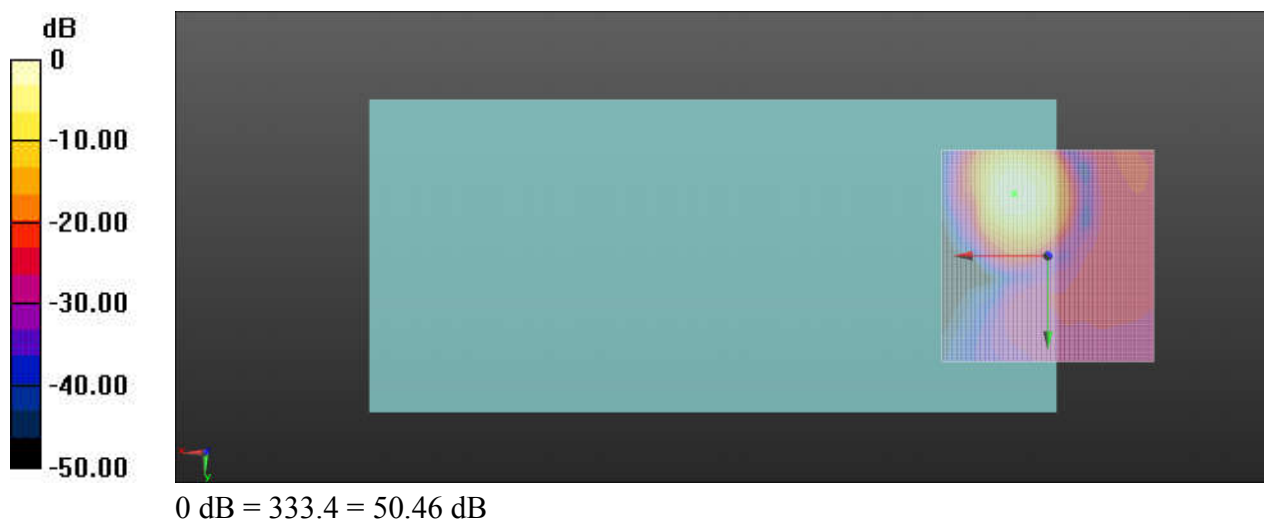
**Ch55340/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):**

Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 50.46 dB

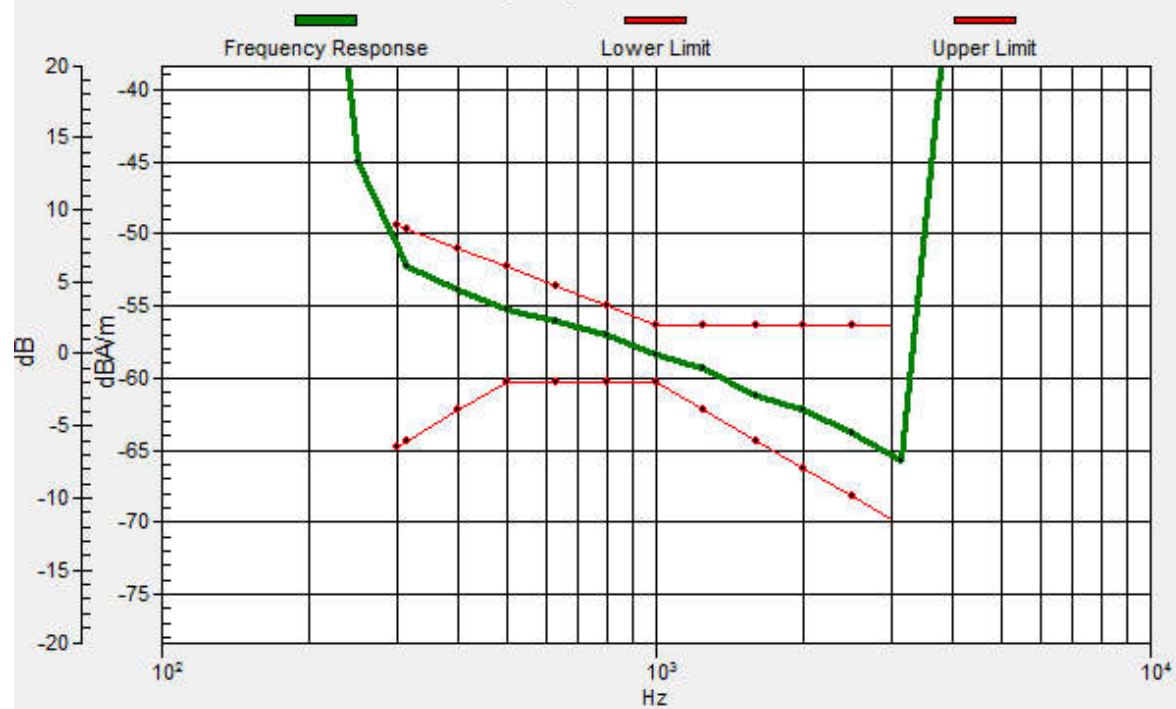
ABM1 comp = 15.52 dBA/m

Location: 7.9, -14.6, 3.7 mm



# Ch55340/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)

Loc: 7.9, -14.6, 3.7 mm Diff: 1.22dB



**16\_HAC T-Coil\_LTE Band 48\_20M\_QPSK\_1RB\_0Offset\_Ch55340\_Y**

Communication System: UID 0, LTE (0); Frequency: 3560 MHz; Duty Cycle: 1:1.59

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

Ambient Temperature : 23.4 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3128; ; Calibrated: 2022/7/19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

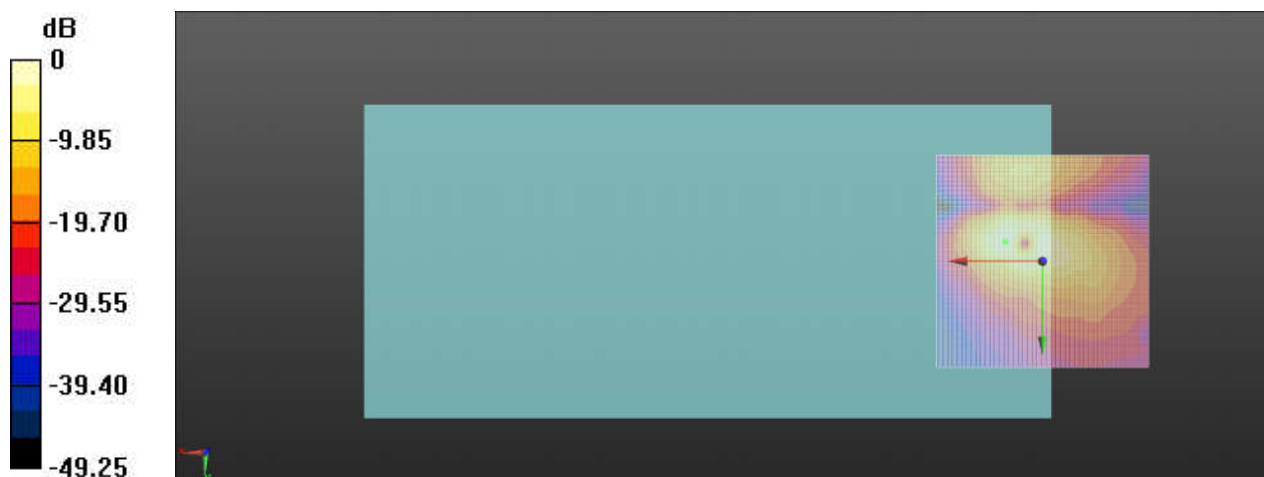
**Ch55340/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):**

Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 49.76 dB

ABM1 comp = 7.43 dBA/m

Location: 8.8, -4.6, 3.7 mm



0 dB = 307.6 = 49.76 dB

**17\_HAC T-Coil\_WLAN 2.4GHz\_802.11b 1Mbps\_Ch6\_Z**

Communication System: UID 0, WIFI (0); Frequency: 2437 MHz; Duty Cycle: 1:1.022

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

Ambient Temperature : 23.4 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3128; ; Calibrated: 2022/7/19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

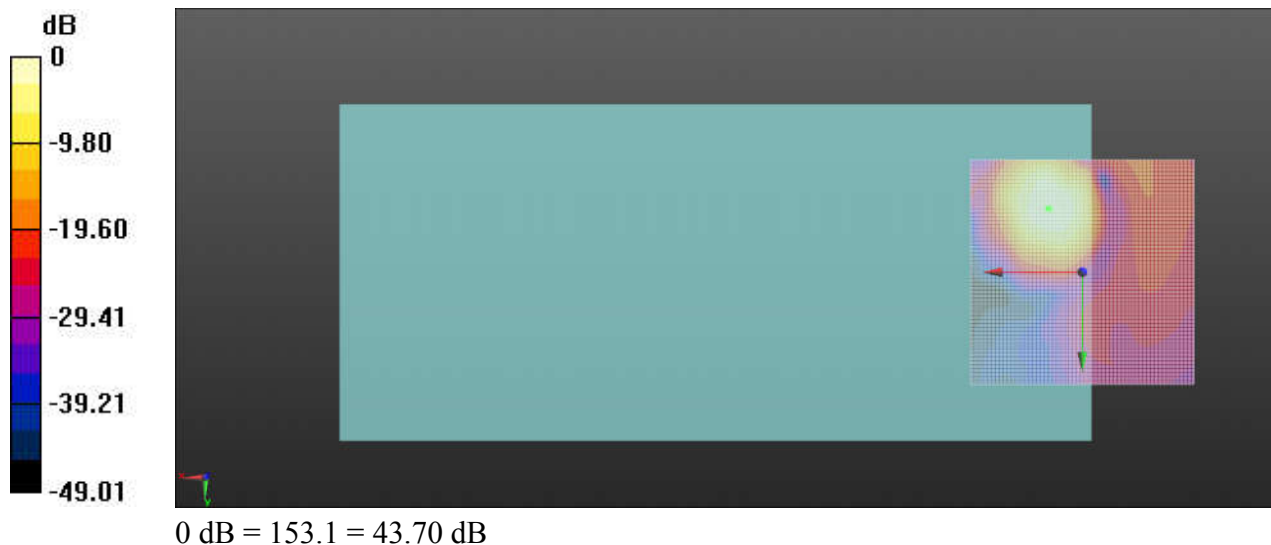
**Ch6/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):** Interpolated

grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 43.70 dB

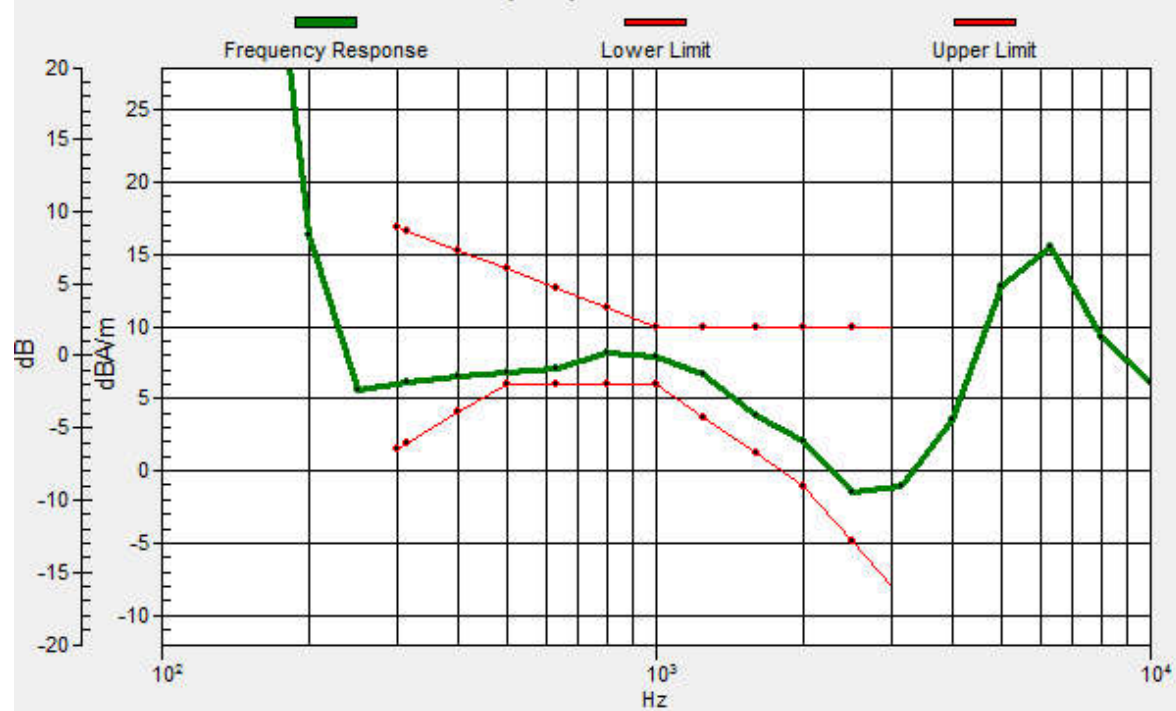
ABM1 comp = 6.80 dBA/m

Location: 7.5, -14.2, 3.7 mm



# Ch6/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)

Loc: 7.4, -14.1, 3.7 mm Diff: 0.81dB



**17\_HAC T-Coil\_WLAN 2.4GHz\_802.11b 1Mbps\_Ch6\_Y**

Communication System: UID 0, WIFI (0); Frequency: 2437 MHz; Duty Cycle: 1:1.022

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

Ambient Temperature : 23.4 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3128; ; Calibrated: 2022/7/19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

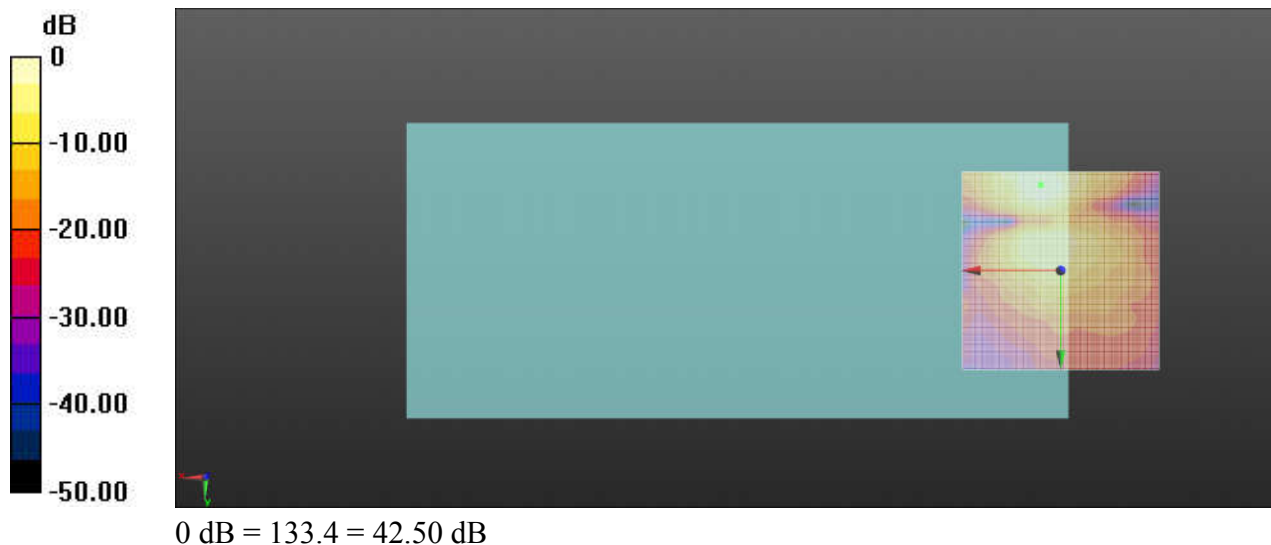
**Ch6/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):**

Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 42.50 dB

ABM1 comp = -1.26 dBA/m

Location: 5, -21.7, 3.7 mm



**18\_HAC T-Coil\_WLAN 5GHz\_802.11an HT40 MCS7\_Ch38\_Z**

Communication System: UID 0, WIFI (0); Frequency: 5190 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 : 23.4 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3128; ; Calibrated: 2022/7/19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

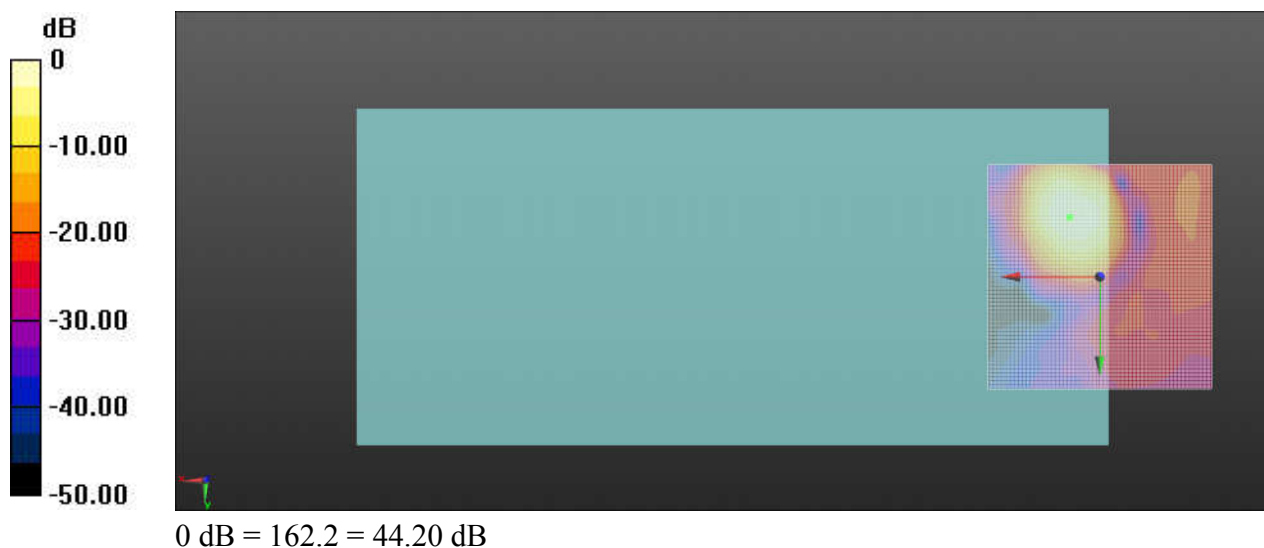
**Ch38/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):** Interpolated

grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 44.20 dB

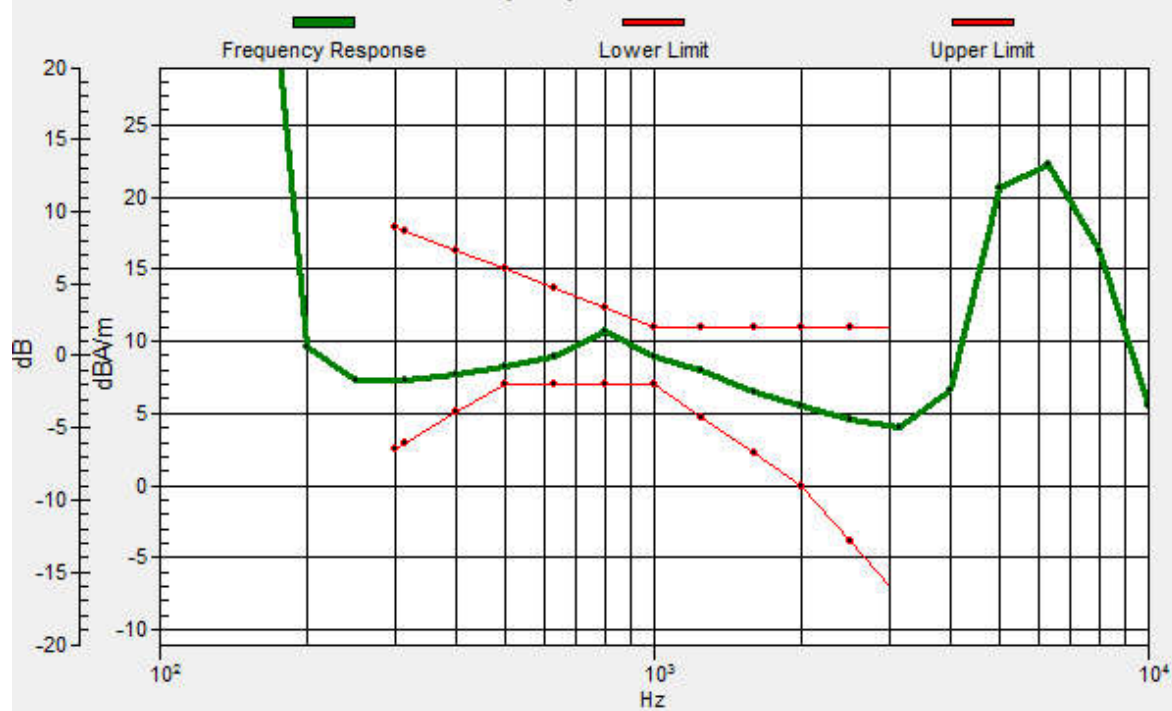
ABM1 comp = 7.64 dBA/m

Location: 6.7, -13.3, 3.7 mm



# Ch38/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)

Loc: 6.7, -13.2, 3.7 mm Diff: 1.31dB



**18\_HAC T-Coil\_WLAN 5GHz\_802.11an HT40 MCS7\_Ch38\_Y**

Communication System: UID 0, WIFI (0); Frequency: 5190 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 : 23.4 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3128; ; Calibrated: 2022/7/19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

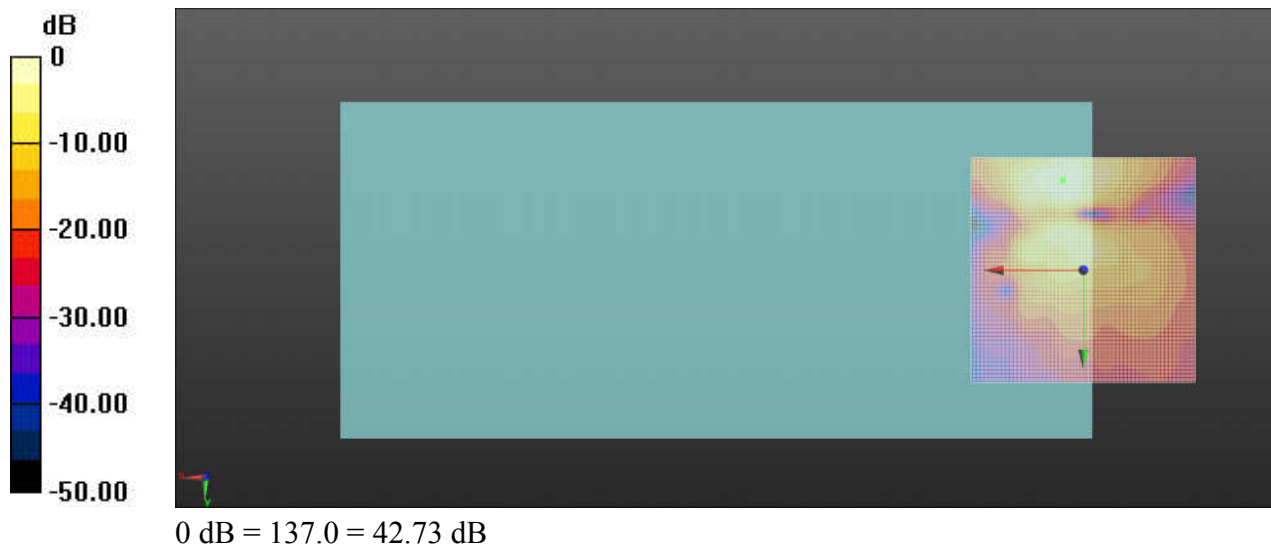
**Ch38/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):**

Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 42.74 dB

ABM1 comp = -0.04 dBA/m

Location: 4.6, -20, 3.7 mm



**19\_HAC T-Coil\_WLAN 5GHz\_802.11an HT40 MCS7\_Ch54\_Z**

Communication System: UID 0, WIFI (0); Frequency: 5270 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 : 23.4 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3128; ; Calibrated: 2022/7/19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

**Ch54/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 = 44.16 dB

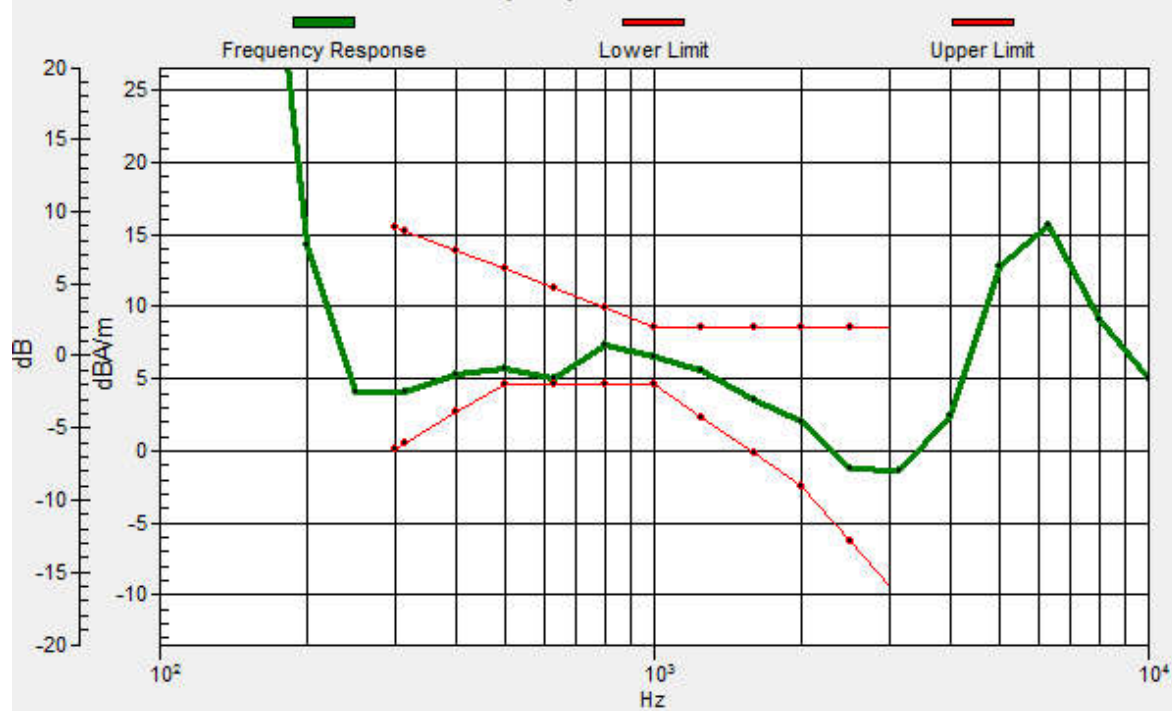
ABM1 comp = 6.26 dBA/m

Location: 5.8, -13.8, 3.7 mm



# Ch54/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)

Loc: 5.9, -13.6, 3.7 mm Diff: 0.47dB



**19\_HAC T-Coil\_WLAN 5GHz\_802.11an HT40 MCS7\_Ch54\_Y**

Communication System: UID 0, WIFI (0); Frequency: 5270 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 : 23.4 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3128; ; Calibrated: 2022/7/19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

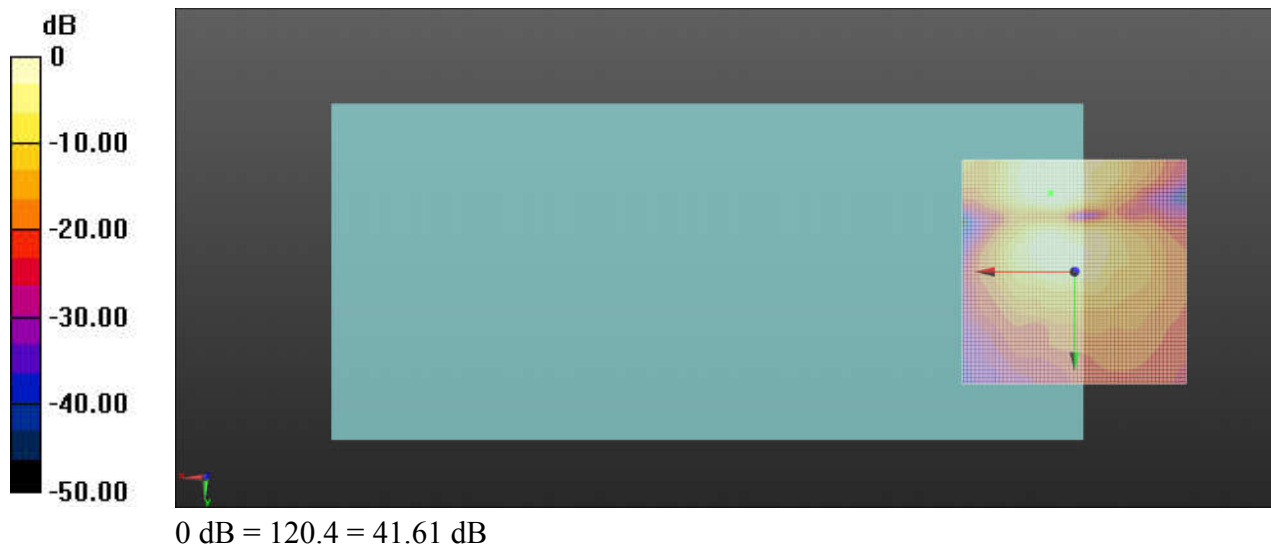
**Ch54/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):**

Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 41.61 dB

ABM1 comp = -1.26 dBA/m

Location: 5.4, -17.5, 3.7 mm



**20\_HAC T-Coil\_WLAN 5GHz\_802.11an HT40 MCS7\_Ch110\_Z**

Communication System: UID 0, WIFI (0); Frequency: 5550 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 : 23.4 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3128; ; Calibrated: 2022/7/19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

**Ch110/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 = 52.94 dB

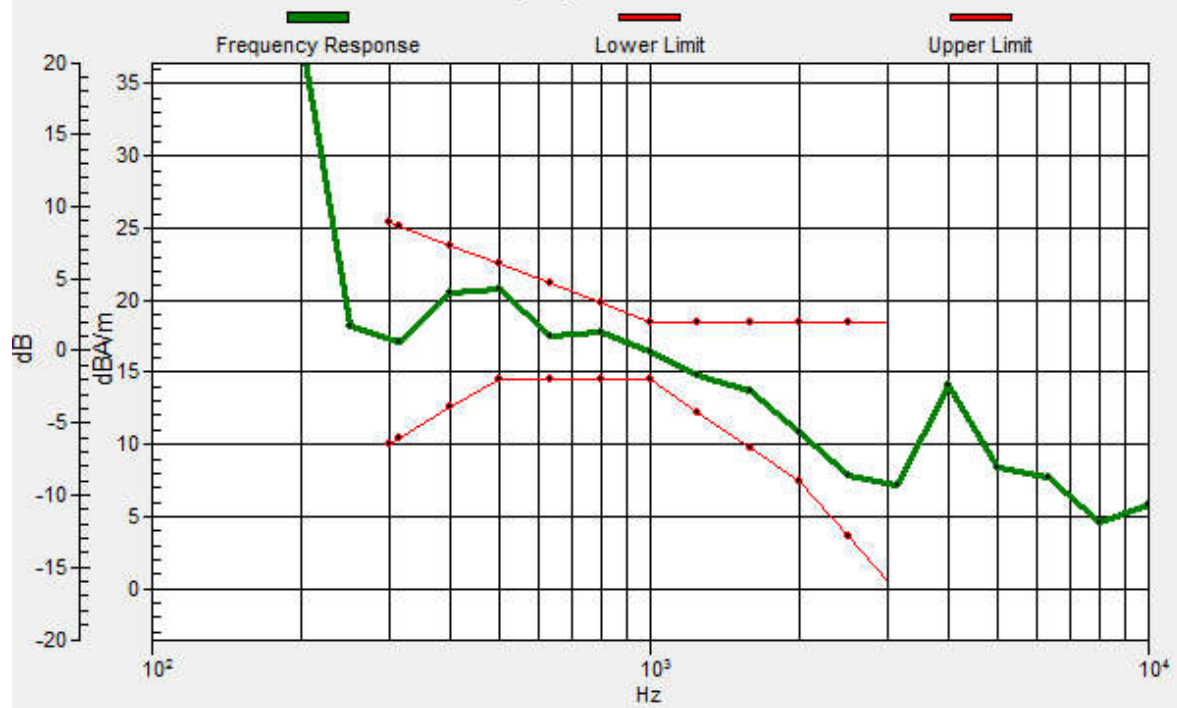
ABM1 comp = 12.25 dBA/m

Location: 4.2, -15.8, 3.7 mm



# Ch110/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)

Loc: 4.2, -16, 3.7 mm Diff: 1.77dB



**20\_HAC T-Coil\_WLAN 5GHz\_802.11an HT40 MCS7\_Ch110\_Y**

Communication System: UID 0, WIFI (0); Frequency: 5550 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 : 23.4 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3128; ; Calibrated: 2022/7/19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

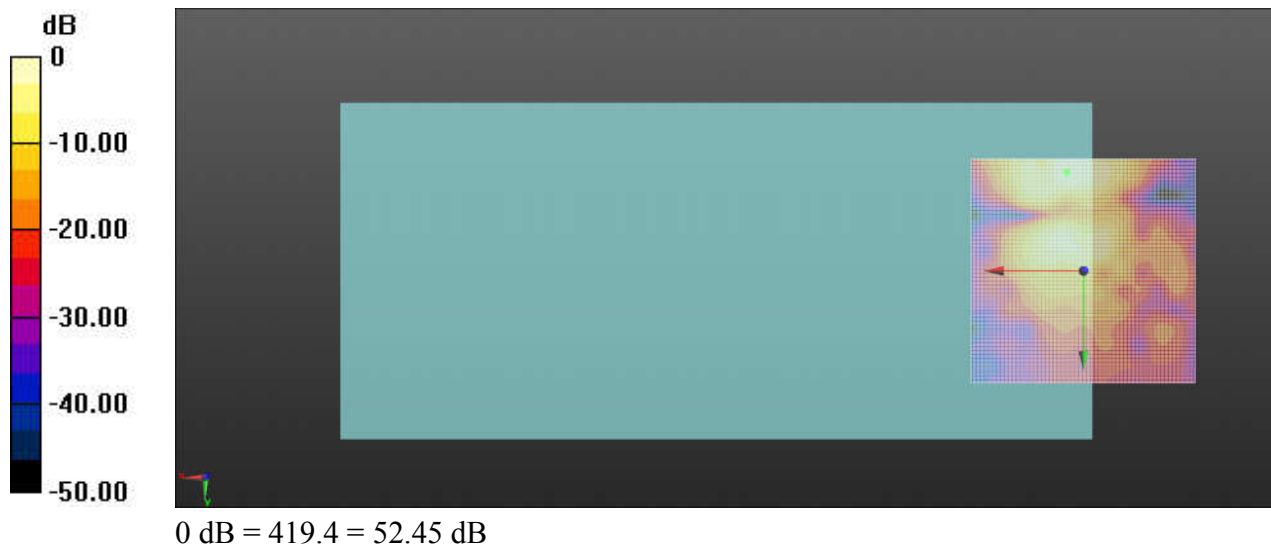
**Ch110/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):**

Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 52.45 dB

ABM1 comp = 8.98 dBA/m

Location: 3.8, -22.1, 3.7 mm



**21\_HAC T-Coil\_WLAN 5GHz\_802.11an HT40 MCS7\_Ch159\_Z**

Communication System: UID 0, WIFI (0); Frequency: 5795 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 : 23.4 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3128; ; Calibrated: 2022/7/19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

**Ch159/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 = 54.82 dB

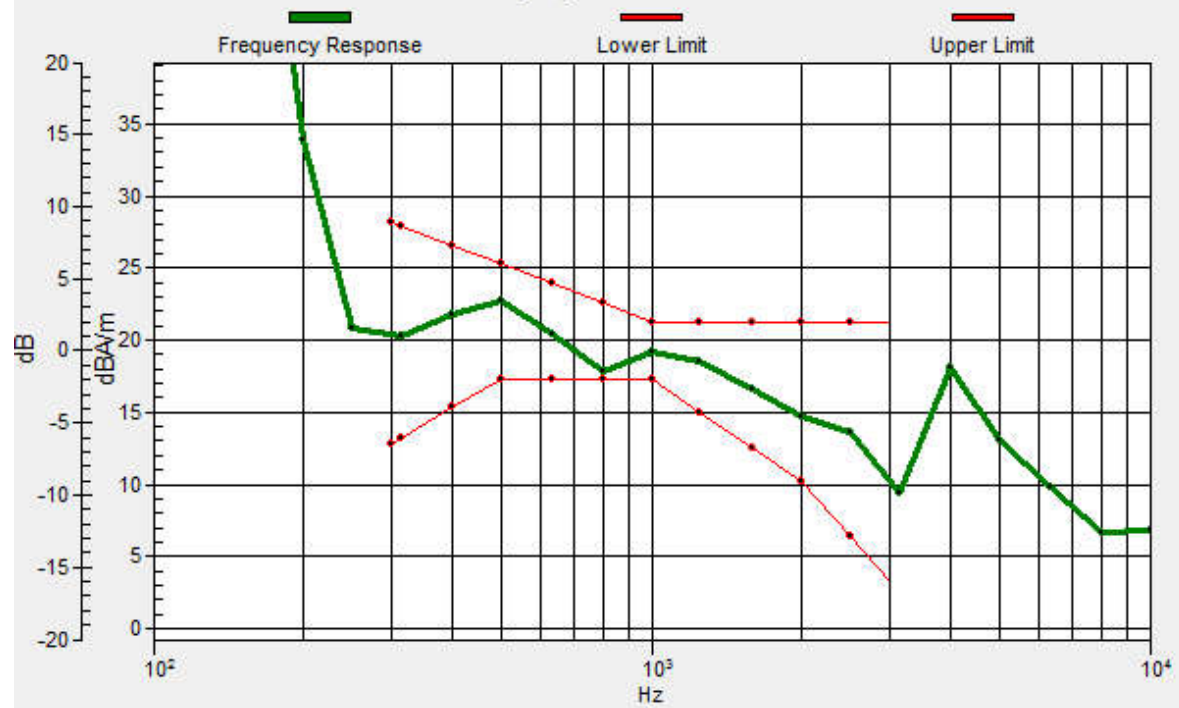
ABM1 comp = 17.84 dBA/m

Location: 6.7, -12.9, 3.7 mm



# Ch159/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)

Loc: 6.7, -13, 3.7 mm Diff: 0.51dB



**21\_HAC T-Coil\_WLAN 5GHz\_802.11an HT40 MCS7\_Ch159\_Y**

Communication System: UID 0, WIFI (0); Frequency: 5795 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 : 23.4 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3128; ; Calibrated: 2022/7/19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

**Ch159/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 = 53.07 dB

ABM1 comp = 12.95 dBA/m

Location: 7.9, -21.3, 3.7 mm

