

### 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:  $\sigma = 0 \text{ S/m}$ ,  $\epsilon_r = 1$ ;  $\rho = 0 \text{ kg/m}^3$   
Ambient Temperature : 23.4 °C

#### DASY5 Configuration:

- Probe: AM1DV3 - 3106; ; Calibrated: 2022/12/13
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2022/8/25
- 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)

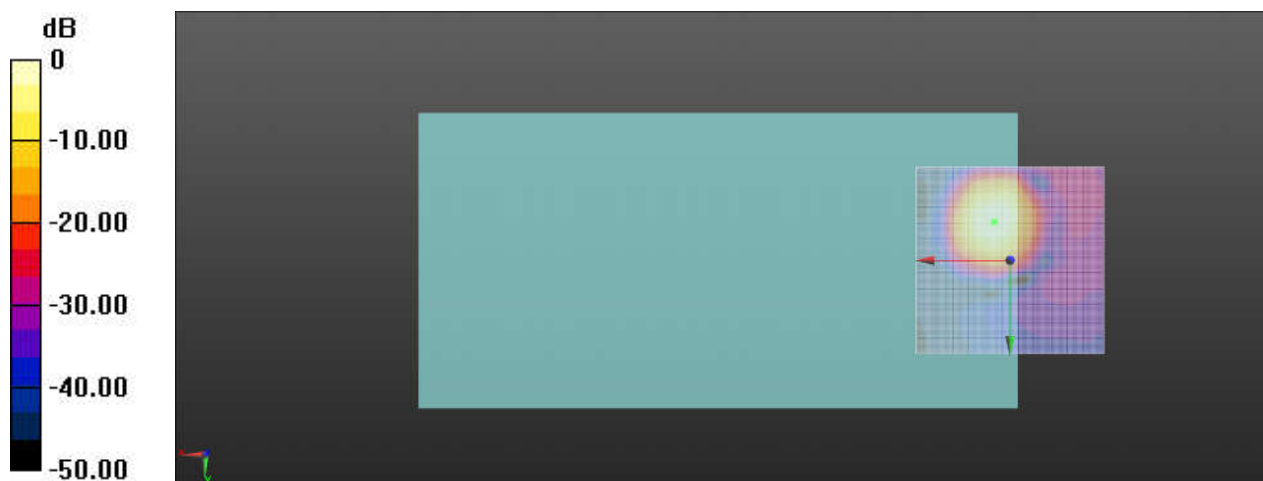
#### Ch189/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

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

ABM1/ABM2 = 40.24 dB

ABM1 comp = 6.06 dBA/m

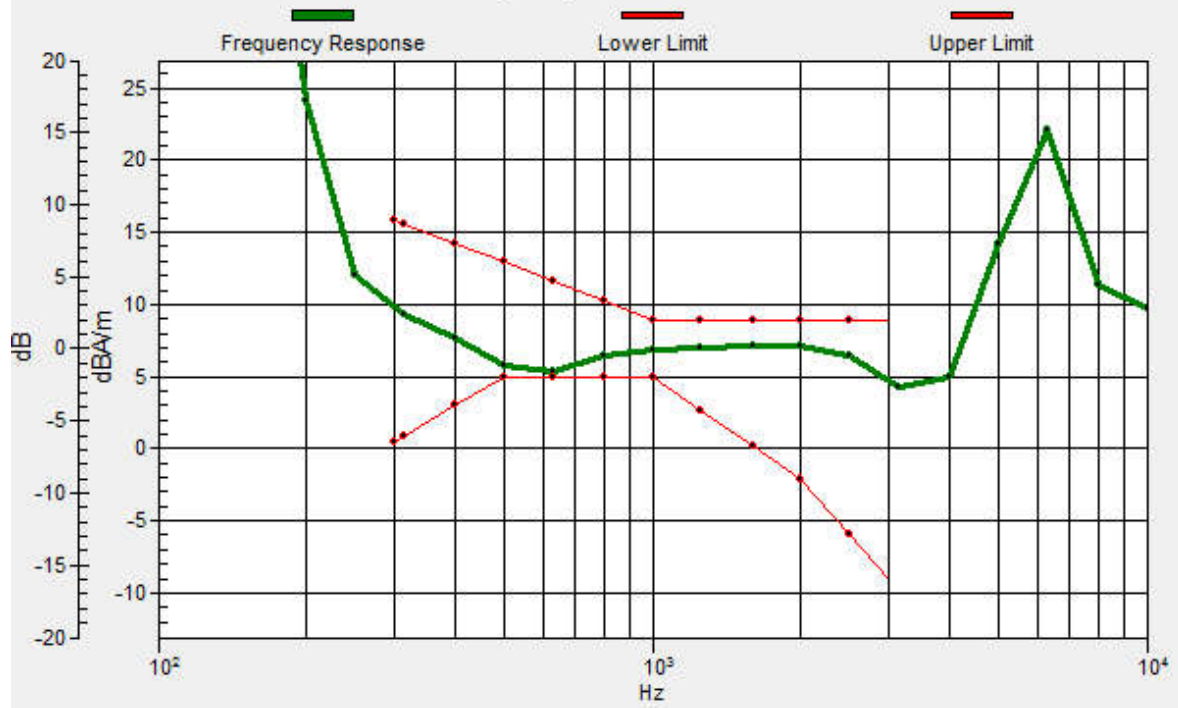
Location: 4.2, -10.4, 3.7 mm



0 dB = 102.8 = 40.24 dB

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

Loc: 4.2, -10.2, 3.7 mm Diff: 0.37dB



### 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:  $\sigma = 0 \text{ S/m}$ ,  $\epsilon_r = 1$ ;  $\rho = 0 \text{ kg/m}^3$   
Ambient Temperature : 23.4 °C

#### DASY5 Configuration:

- Probe: AM1DV3 - 3106; ; Calibrated: 2022/12/13
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2022/8/25
- 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)

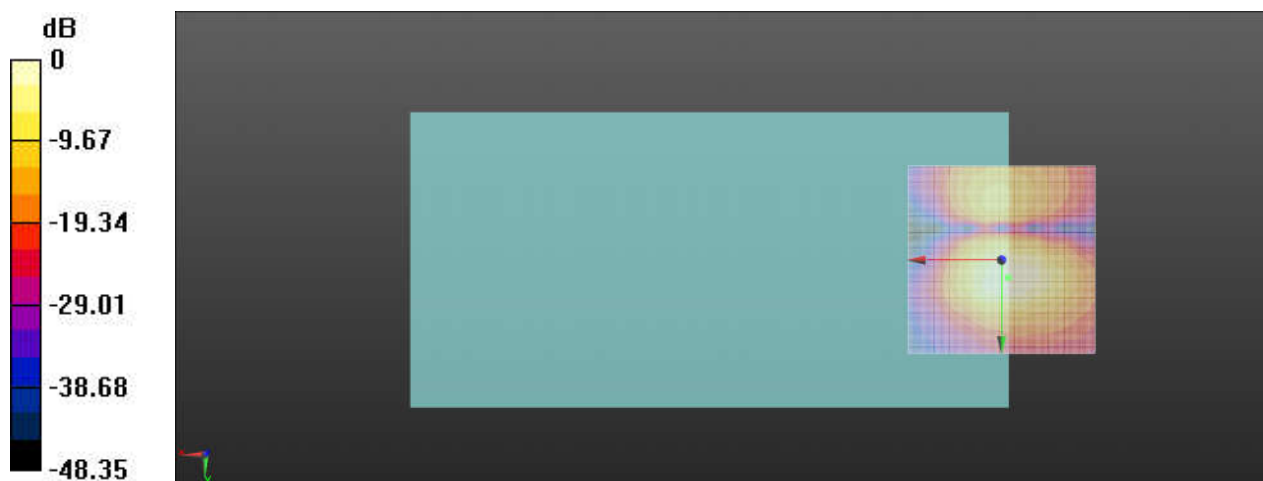
#### Ch189/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

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

ABM1/ABM2 = 38.69 dB

ABM1 comp = -9.85 dBA/m

Location: -1.7, 4.6, 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 - 3106; ; Calibrated: 2022/12/13
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2022/8/25
- 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)

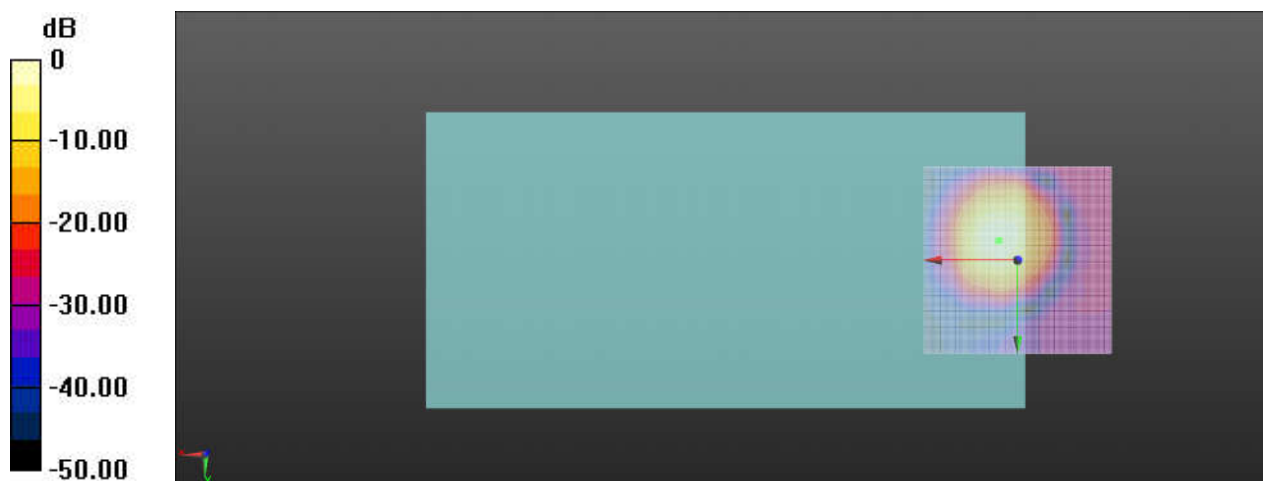
### Ch661/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

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

ABM1/ABM2 = 41.19 dB

ABM1 comp = -0.18 dBA/m

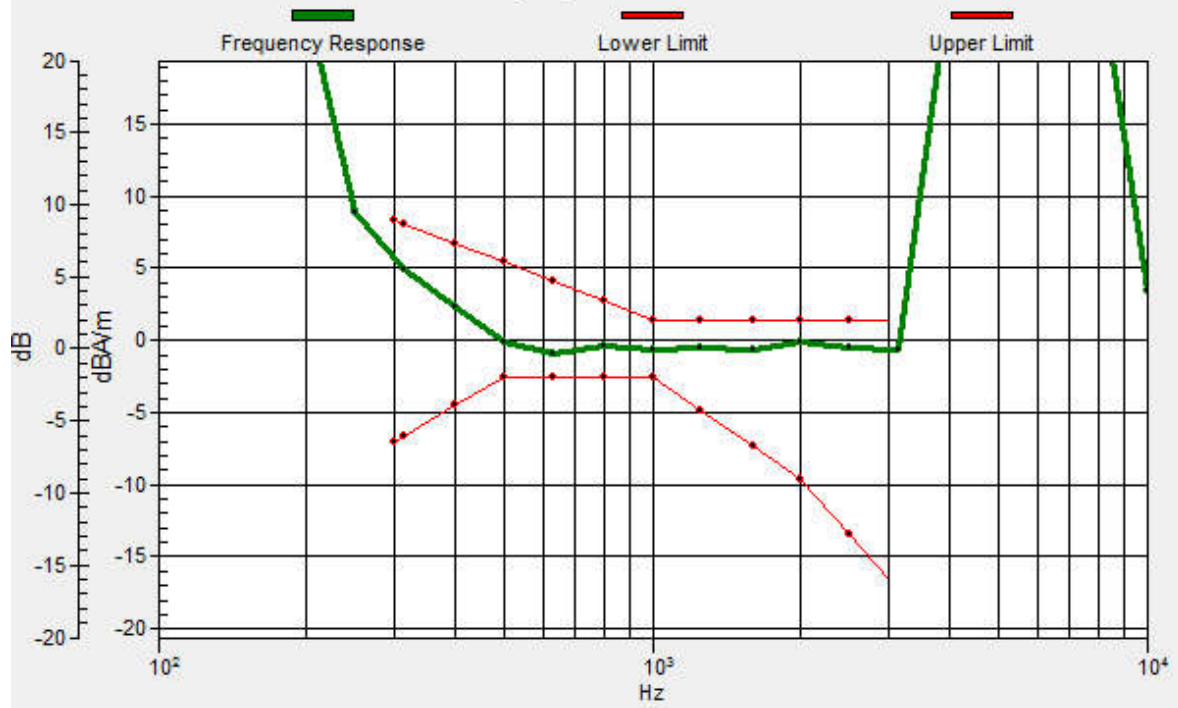
Location: 5, -5.4, 3.7 mm



0 dB = 114.7 = 41.19 dB

# Ch661/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)

Loc: 5.1, -5.2, 3.7 mm Diff: 1.51dB



## 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 - 3106; ; Calibrated: 2022/12/13
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2022/8/25
- 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)

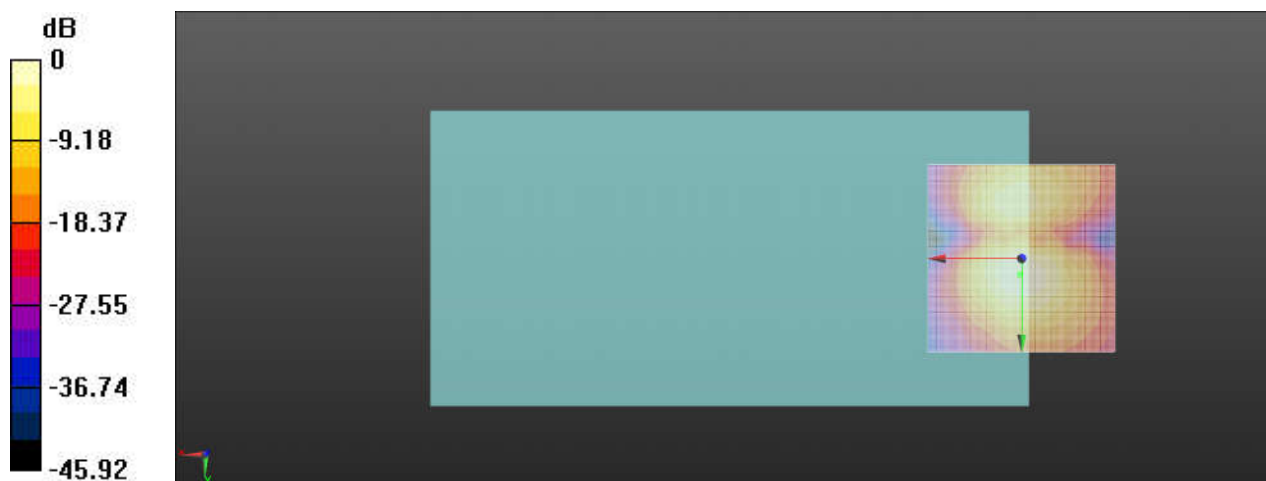
### Ch661/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

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

ABM1/ABM2 = 39.42 dB

ABM1 comp = -9.95 dBA/m

Location: 0.4, 4.2, 3.7 mm



0 dB = 93.59 = 39.42 dB

### 03\_HAC T-Coil\_WCDMA V\_Voice\_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 - 3106; ; Calibrated: 2022/12/13
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2022/8/25
- 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)

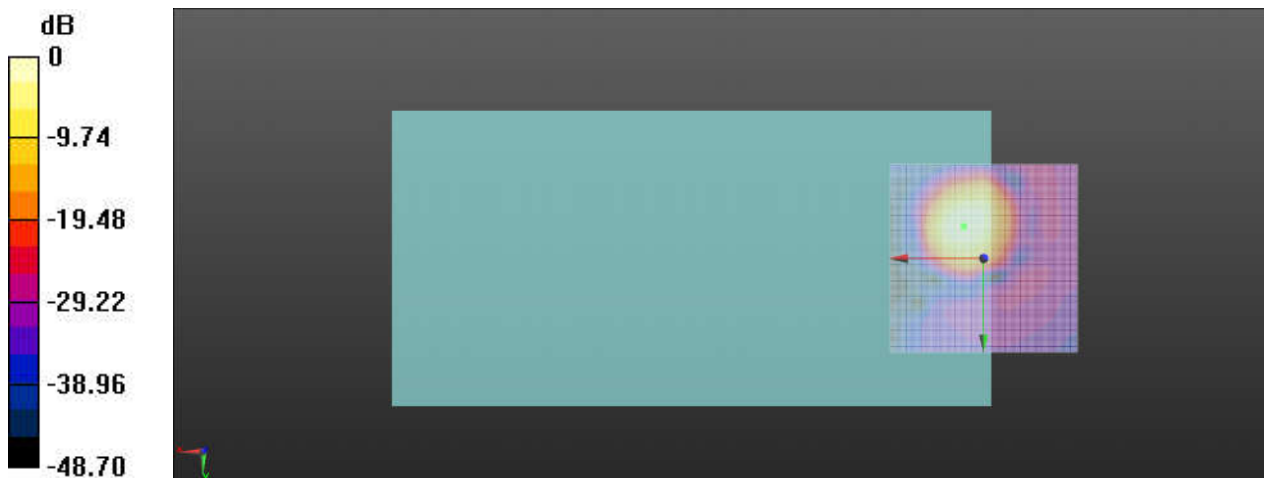
#### Ch4182/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

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

ABM1/ABM2 = 49.57 dB

ABM1 comp = 5.84 dBA/m

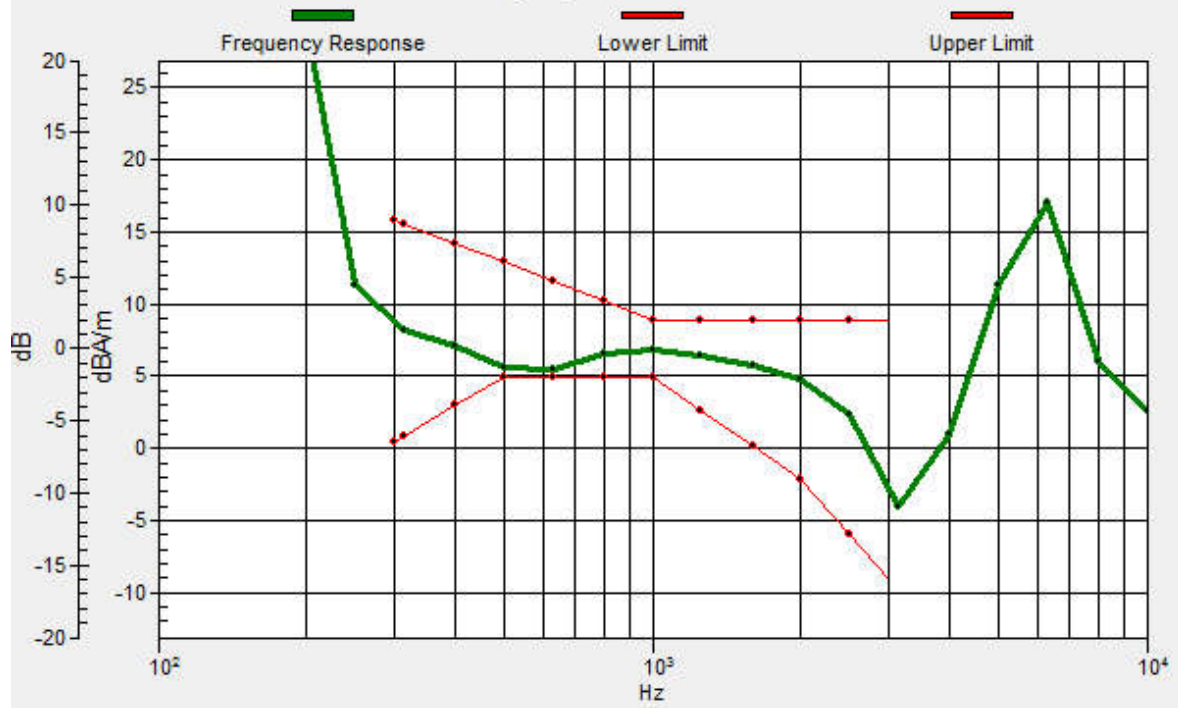
Location: 5.4, -8.8, 3.7 mm



0 dB = 301.0 = 49.57 dB

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

Loc: 5.3, -8.5, 3.7 mm Diff: 0.62dB





### 03\_HAC T-Coil\_WCDMA V\_Voice\_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 - 3106; ; Calibrated: 2022/12/13
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2022/8/25
- 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)

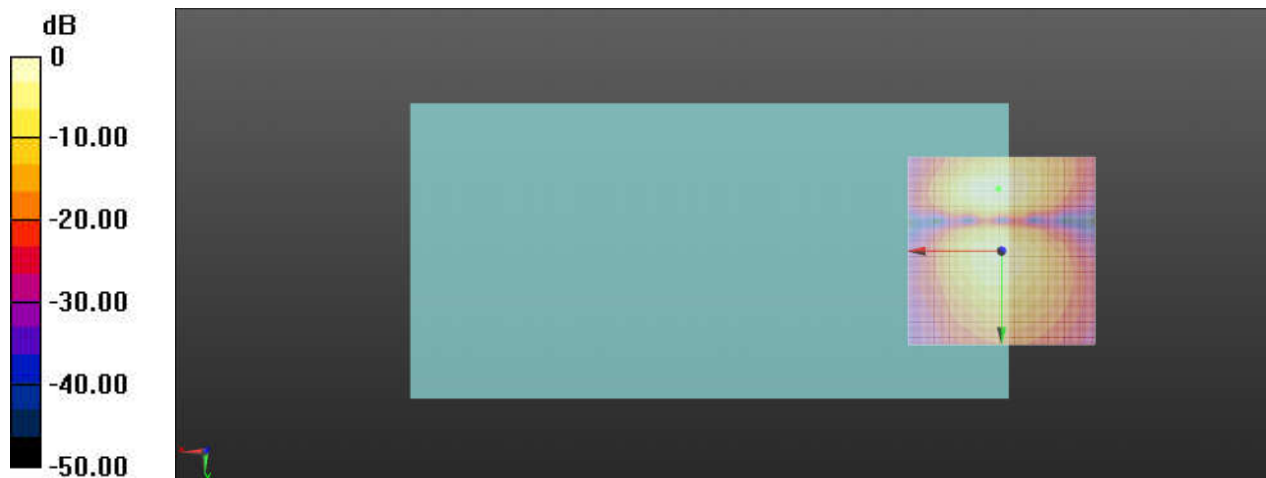
#### Ch4182/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

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

ABM1/ABM2 = 45.77 dB

ABM1 comp = -6.48 dBA/m

Location: 0.8, -16.7, 3.7 mm



0 dB = 194.3 = 45.77 dB

### 04\_HAC T-Coil\_WCDMA IV\_Voice\_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 - 3106; ; Calibrated: 2022/12/13
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2022/8/25
- 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)

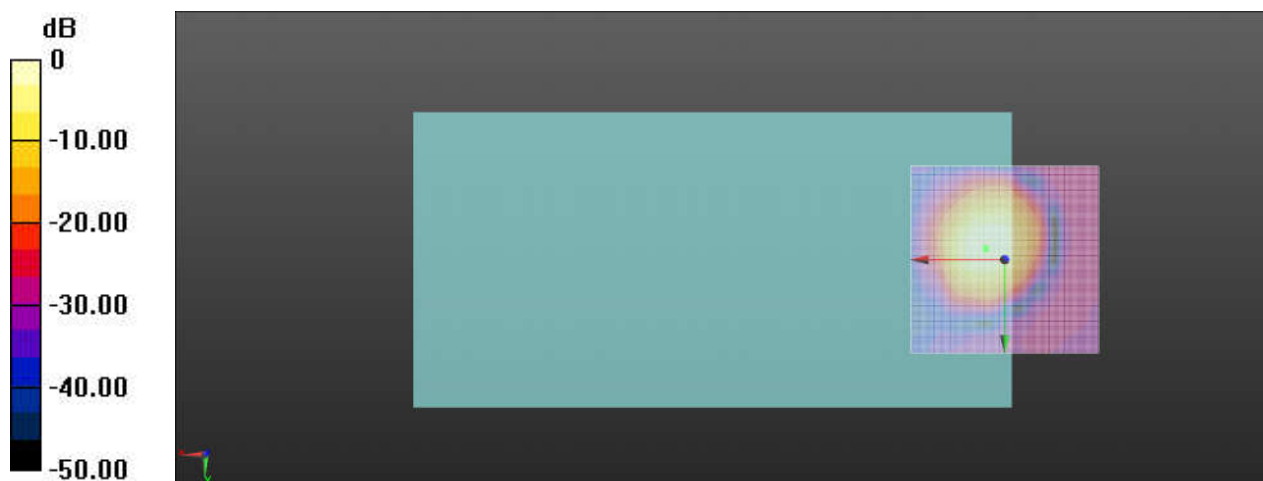
#### Ch1413/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

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

ABM1/ABM2 = 43.36 dB

ABM1 comp = -3.96 dBA/m

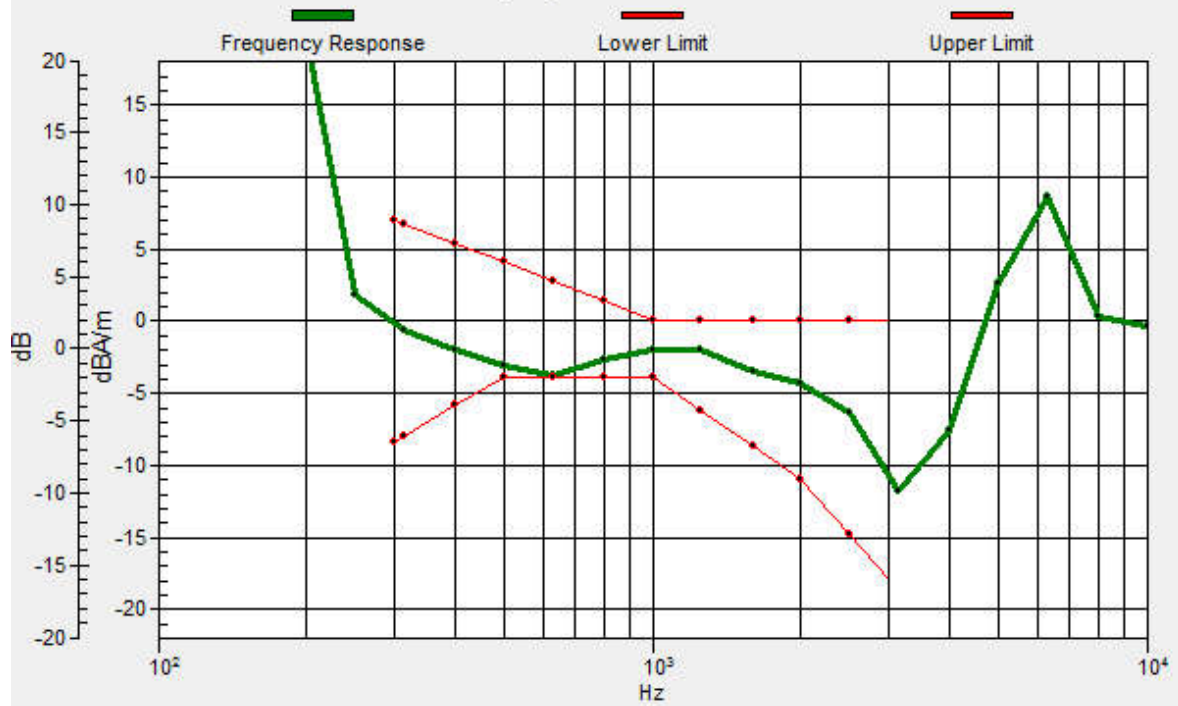
Location: 5, -2.9, 3.7 mm



0 dB = 147.2 = 43.36 dB

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

Loc: 5, -3.1, 3.7 mm Diff: 0.16dB



### 04\_HAC T-Coil\_WCDMA IV\_Voice\_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 - 3106; ; Calibrated: 2022/12/13
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2022/8/25
- 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)

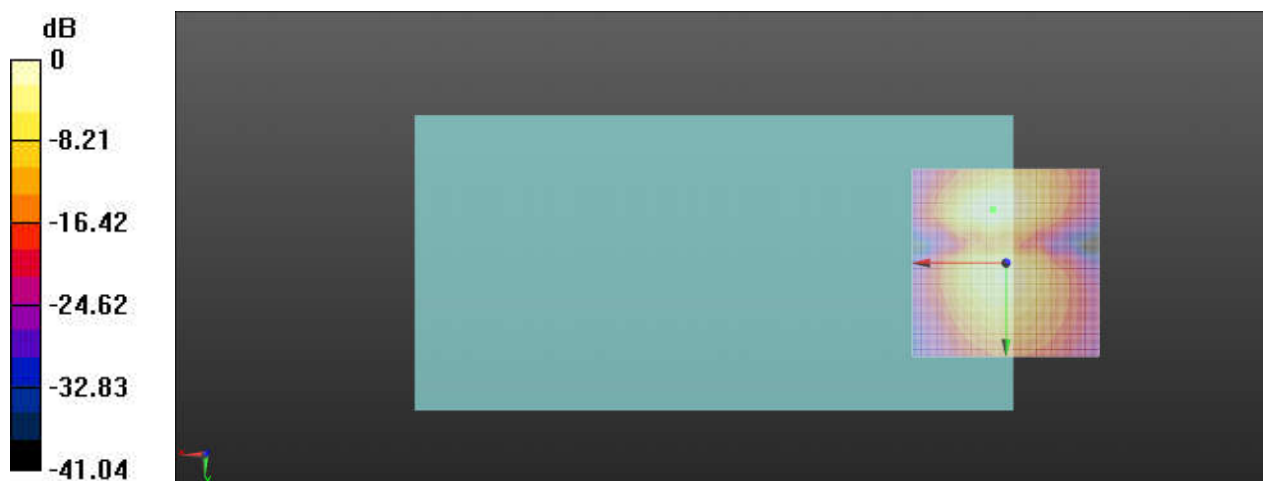
#### Ch1413/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

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

ABM1/ABM2 = 40.62 dB

ABM1 comp = -10.82 dBA/m

Location: 3.3, -14.2, 3.7 mm



0 dB = 107.5 = 40.63 dB

### 05\_HAC T-Coil\_WCDMA II\_Voice\_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 - 3106; ; Calibrated: 2022/12/13
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2022/8/25
- 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)

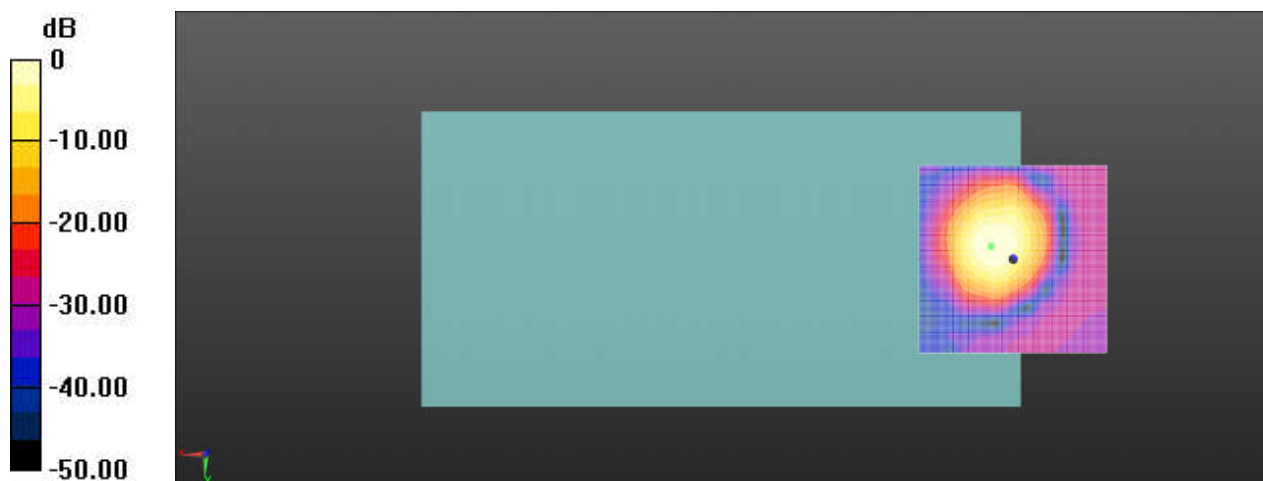
#### Ch9400/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

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

ABM1/ABM2 = 43.16 dB

ABM1 comp = -3.45 dBA/m

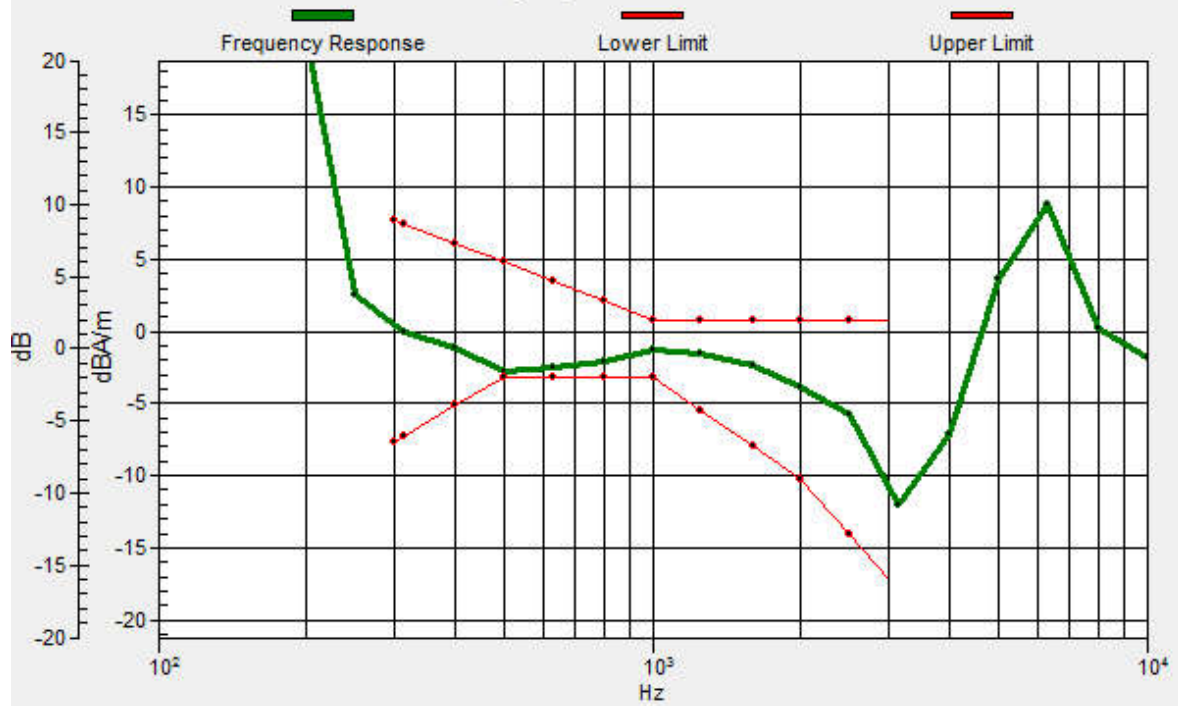
Location: 5.8, -3.3, 3.7 mm



0 dB = 144.0 = 43.17 dB

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

Loc: 5.9, -3.5, 3.7 mm Diff: 0.44dB



### 05\_HAC T-Coil\_WCDMA II\_Voice\_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 - 3106; ; Calibrated: 2022/12/13
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2022/8/25
- 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)

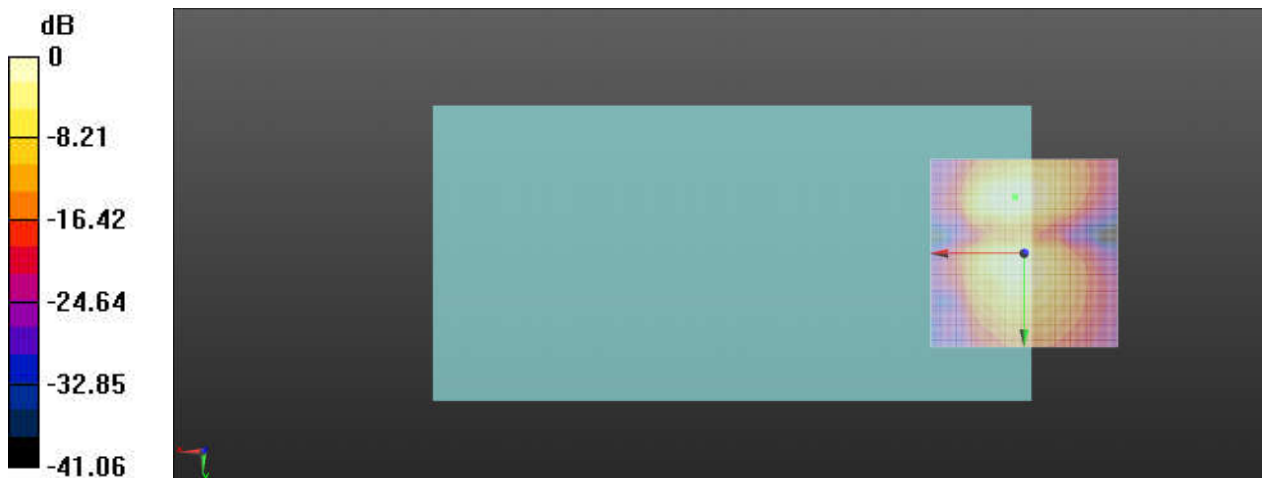
#### Ch9400/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

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

ABM1/ABM2 = 40.45 dB

ABM1 comp = -11.11 dBA/m

Location: 2.5, -15, 3.7 mm



0 dB = 105.4 = 40.46 dB

### 06\_HAC T-Coil\_LTE Band 2\_20M\_QPSK\_1RB\_Offset\_Ch18900\_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 - 3106; ; Calibrated: 2022/12/13
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2022/8/25
- 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)

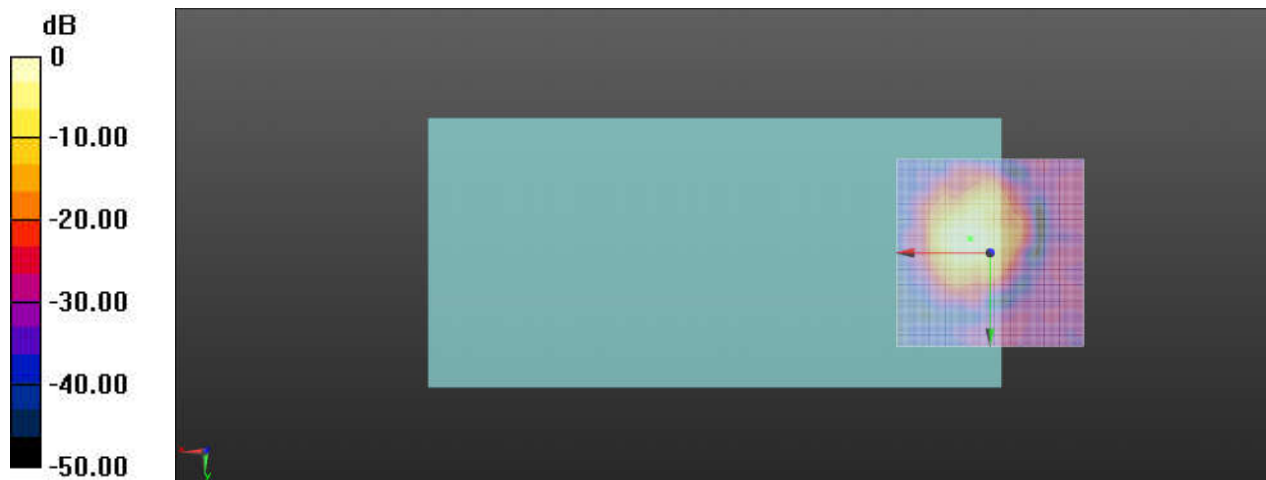
#### Ch18900/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

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

ABM1/ABM2 = 40.52 dB

ABM1 comp = -4.91 dBA/m

Location: 5.4, -3.8, 3.7 mm

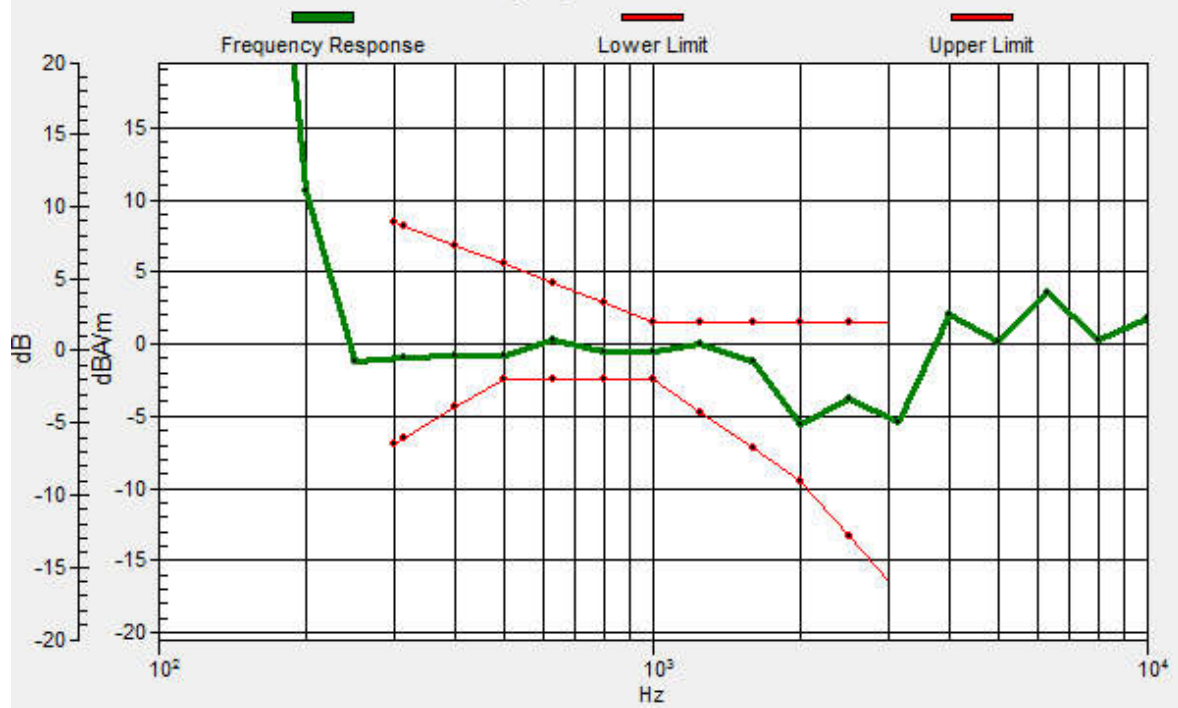


0 dB = 106.2 = 40.52 dB



# Ch18900/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)

Loc: 5.3, -3.8, 3.7 mm Diff: 1.48dB



### 06\_HAC T-Coil\_LTE Band 2\_20M\_QPSK\_1RB\_Offset\_Ch18900\_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 - 3106; ; Calibrated: 2022/12/13
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2022/8/25
- 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)

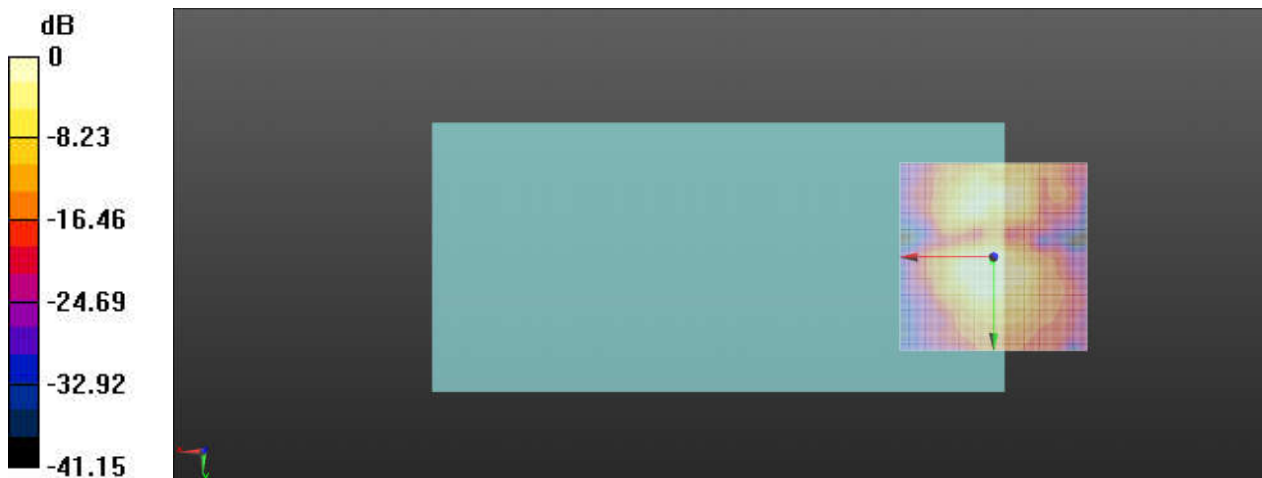
#### Ch18900/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

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

ABM1/ABM2 = 36.13 dB

ABM1 comp = -14.06 dBA/m

Location: 0.4, 1.2, 3.7 mm



0 dB = 64.05 = 36.13 dB

### 07\_HAC T-Coil\_LTE Band 7\_20M\_QPSK\_1RB\_Offset\_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 - 3106; ; Calibrated: 2022/12/13
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2022/8/25
- 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)

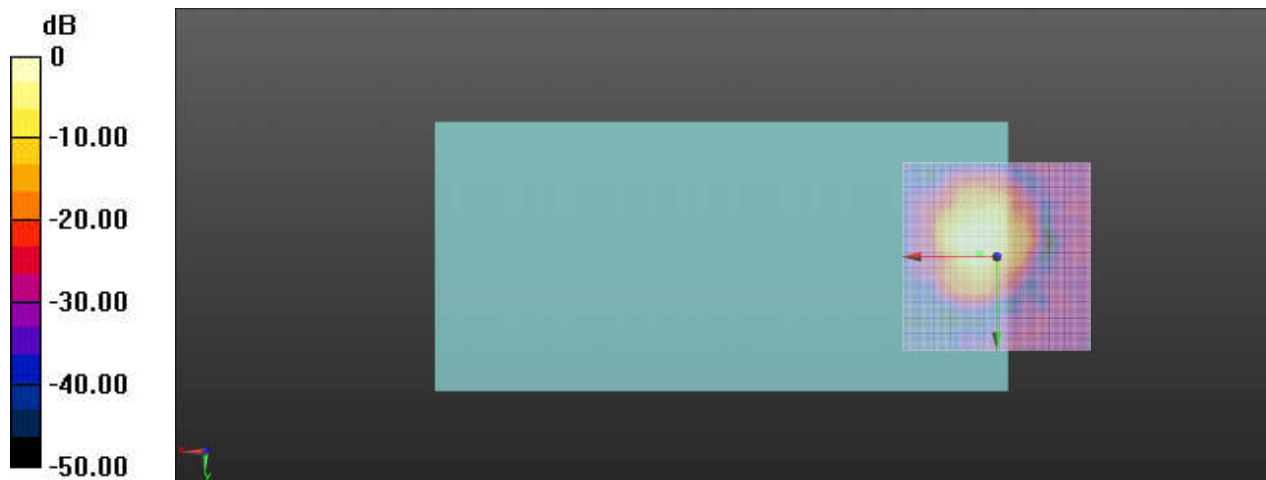
#### Ch21100/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

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

ABM1/ABM2 = 37.83 dB

ABM1 comp = -9.74 dBA/m

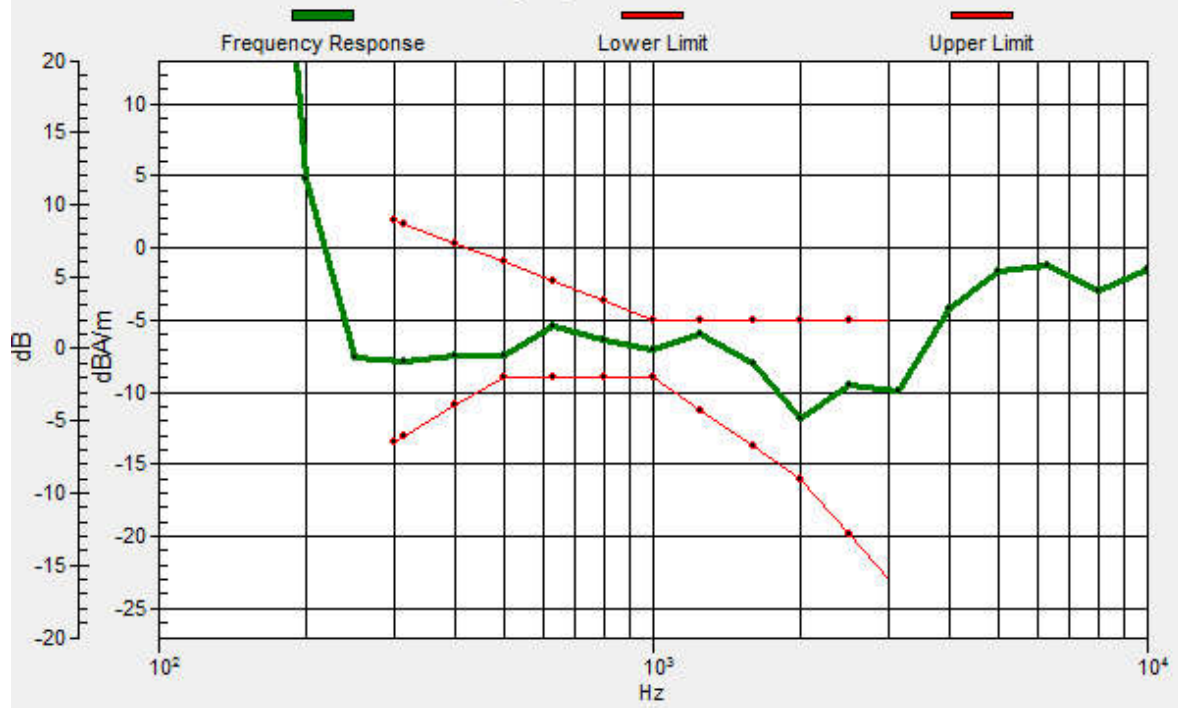
Location: 4.6, -0.8, 3.7 mm



0 dB = 77.90 = 37.83 dB

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

Loc: 4.7, -0.7, 3.7 mm Diff: 1.05dB



### 07\_HAC T-Coil\_LTE Band 7\_20M\_QPSK\_1RB\_Offset\_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 - 3106; ; Calibrated: 2022/12/13
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2022/8/25
- 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)

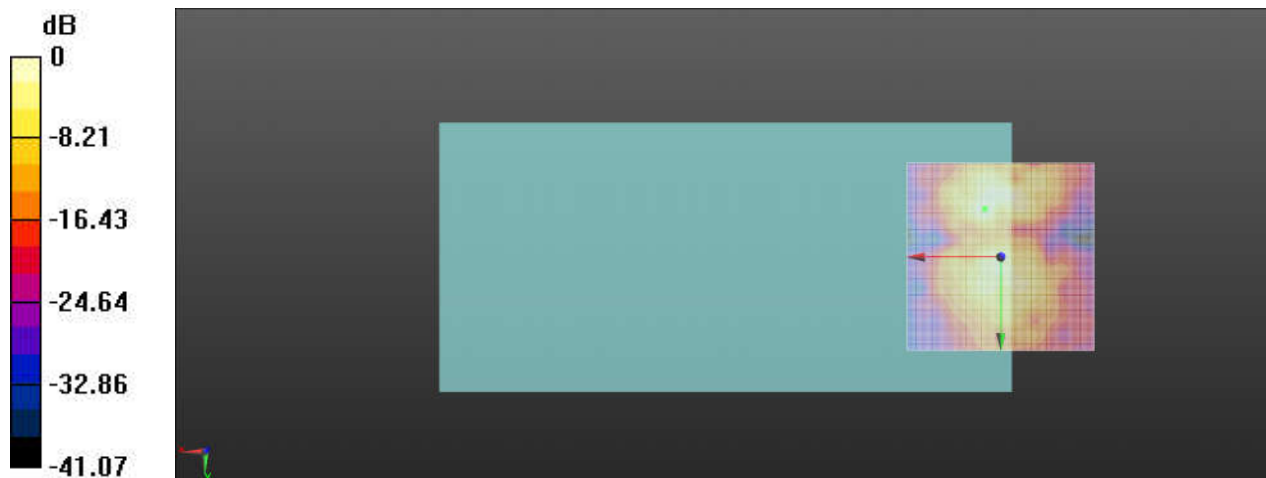
### Ch21100/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

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

ABM1/ABM2 = 33.64 dB

ABM1 comp = -15.06 dBA/m

Location: 4.2, -12.9, 3.7 mm



0 dB = 48.06 = 33.64 dB

### 08\_HAC T-Coil\_LTE Band 12\_10M\_QPSK\_1RB\_Offset\_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 - 3106; ; Calibrated: 2022/12/13
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2022/8/25
- 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)

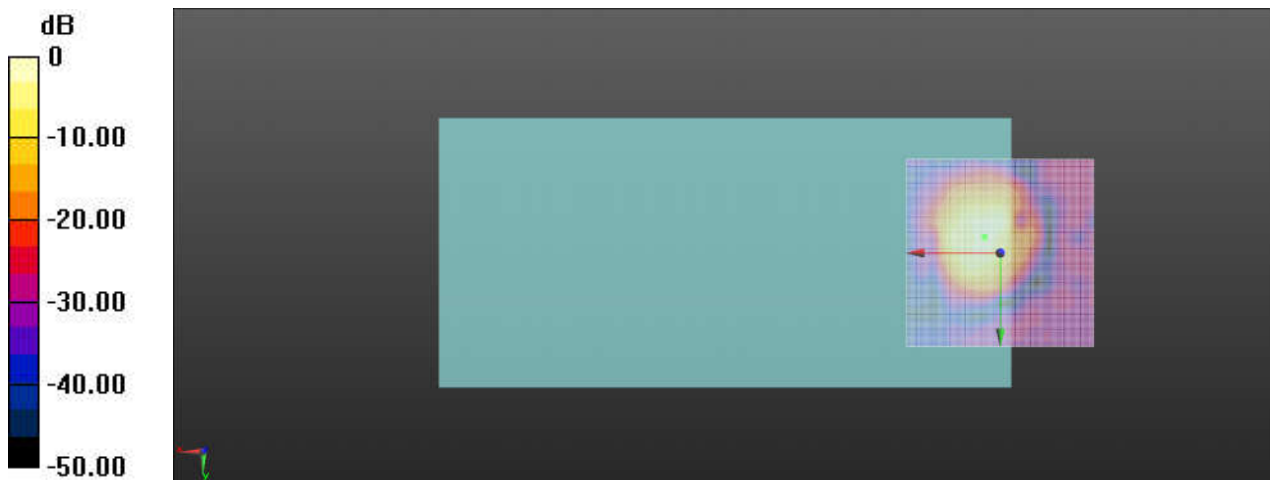
#### Ch23095/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

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

ABM1/ABM2 = 40.20 dB

ABM1 comp = -5.67 dBA/m

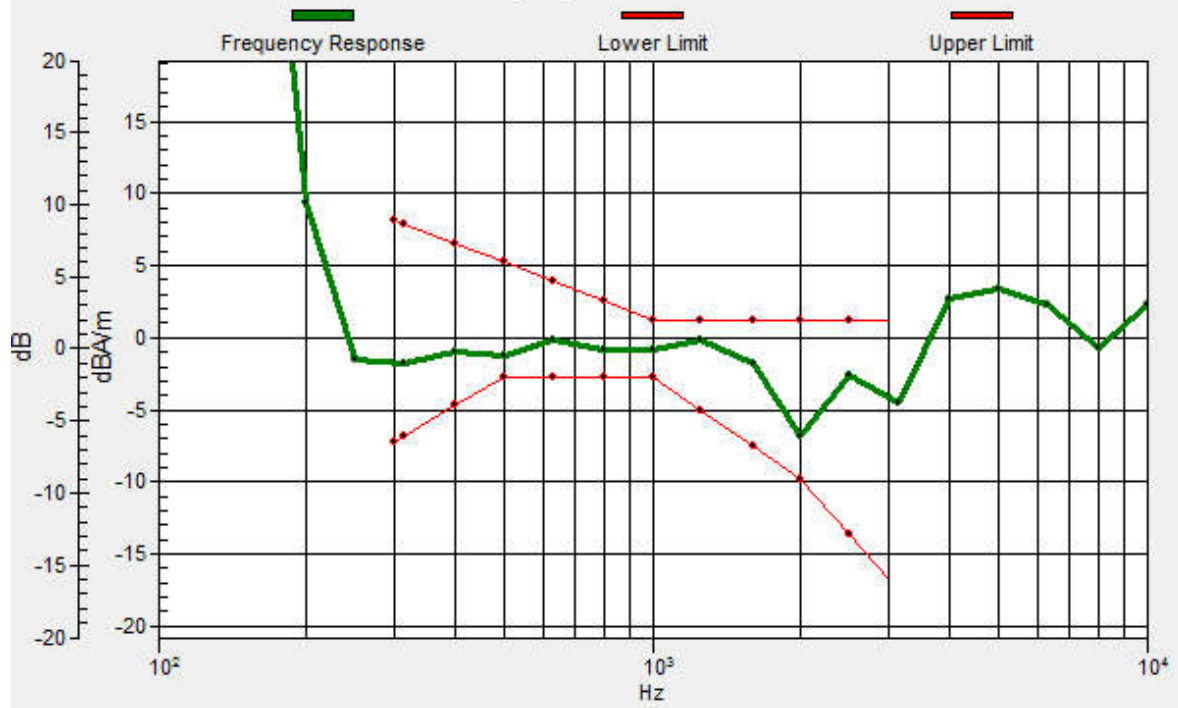
Location: 4.2, -4.2, 3.7 mm



0 dB = 102.4 = 40.21 dB

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

Loc: 4.2, -4.3, 3.7 mm Diff: 1.41dB



### 08\_HAC T-Coil\_LTE Band 12\_10M\_QPSK\_1RB\_Offset\_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 - 3106; ; Calibrated: 2022/12/13
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2022/8/25
- 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)

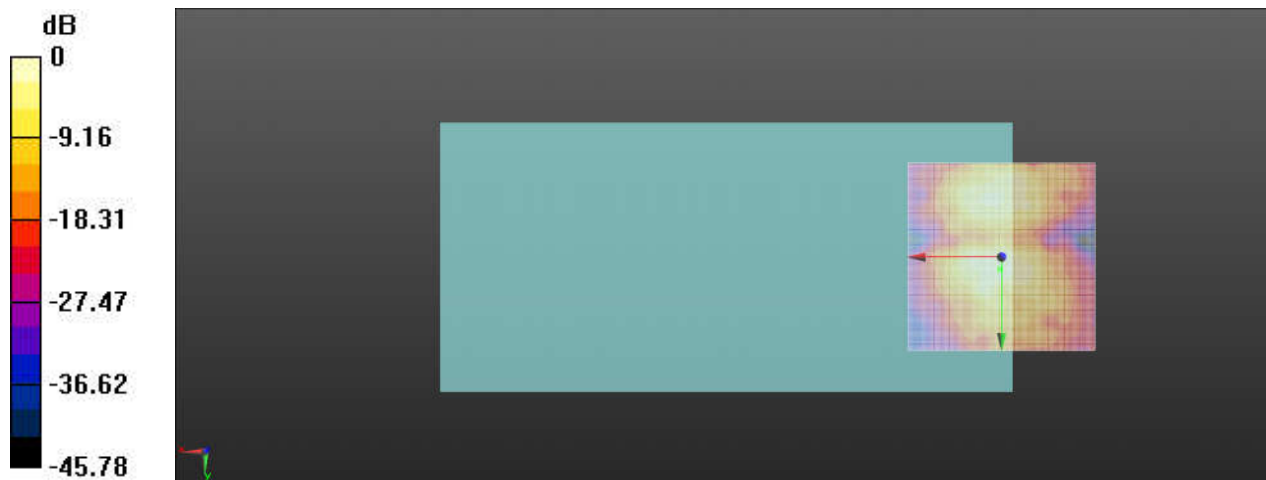
#### Ch23095/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

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

ABM1/ABM2 = 36.56 dB

ABM1 comp = -14.07 dBA/m

Location: 0.4, 3.3, 3.7 mm



0 dB = 67.27 = 36.56 dB



### 09\_HAC T-Coil\_LTE Band 13\_10M\_QPSK\_1RB\_Offset\_Ch23230\_Z

Communication System: UID 0, LTE (0); Frequency: 779.5 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 - 3106; ; Calibrated: 2022/12/13
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2022/8/25
- 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)

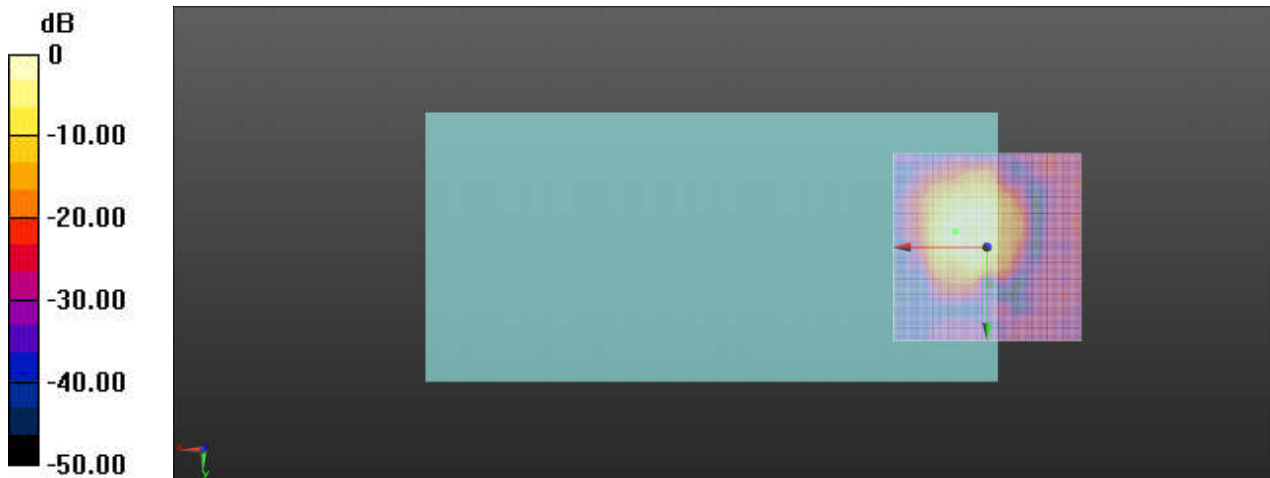
#### Ch23230/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

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

ABM1/ABM2 = 38.39 dB

ABM1 comp = -6.04 dBA/m

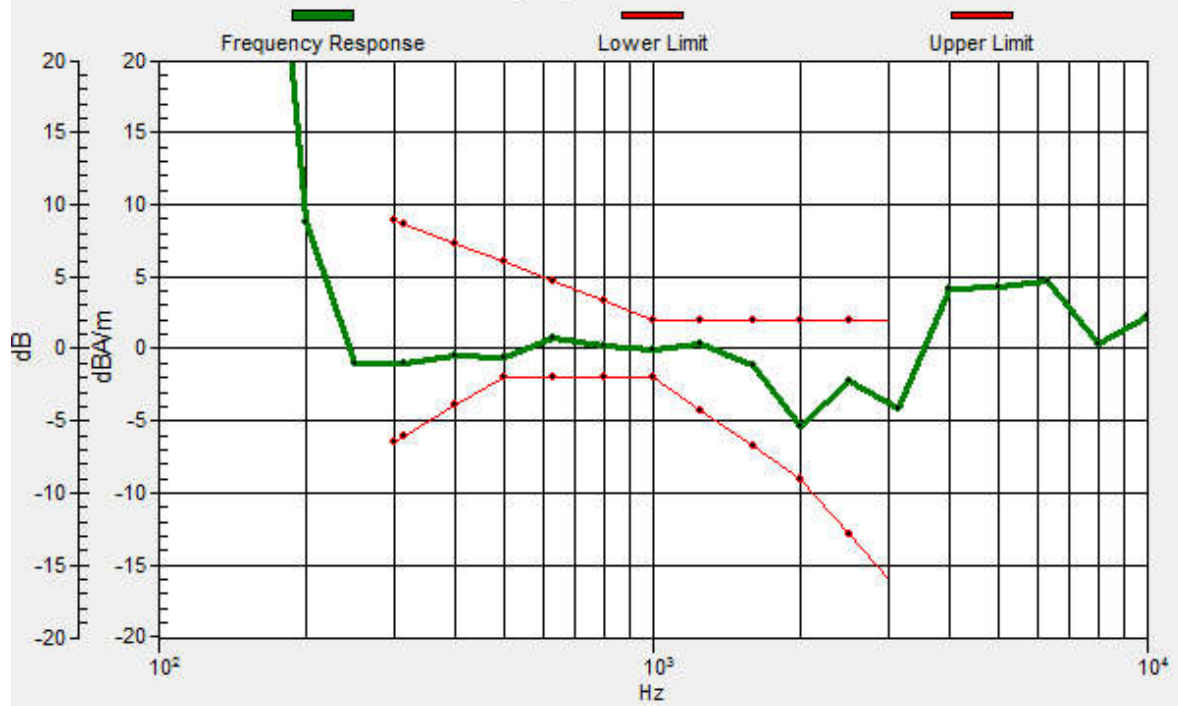
Location: 8.3, -4.2, 3.7 mm



0 dB = 83.13 = 38.40 dB

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

Loc: 8.4, -4.2, 3.7 mm Diff: 1.43dB



### 09\_HAC T-Coil\_LTE Band 13\_10M\_QPSK\_1RB\_Offset\_Ch23230\_Y

Communication System: UID 0, LTE (0); Frequency: 779.5 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 - 3106; ; Calibrated: 2022/12/13
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2022/8/25
- 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)

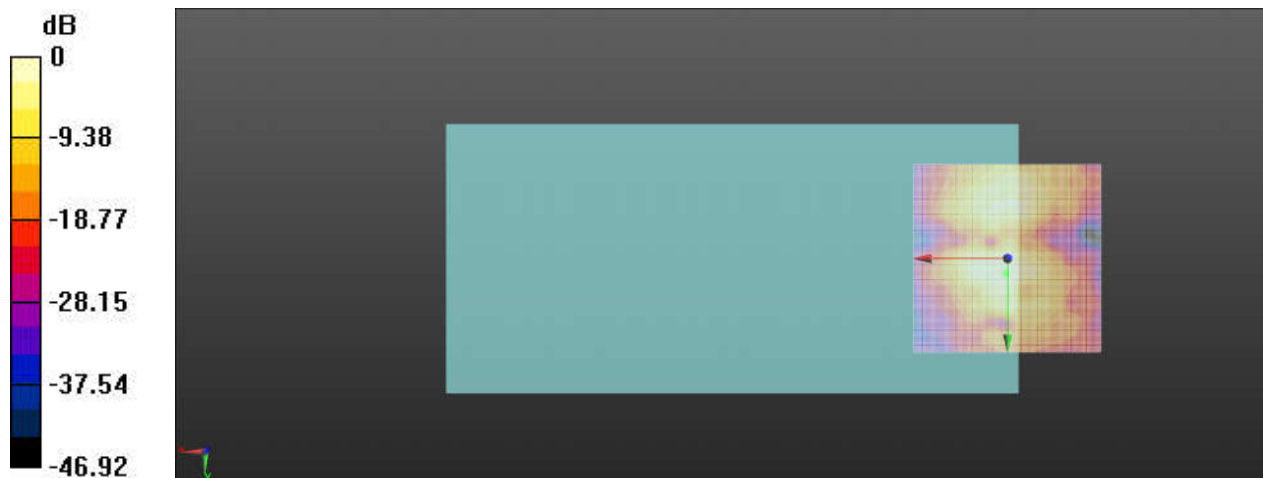
#### Ch23230/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

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

ABM1/ABM2 = 36.53 dB

ABM1 comp = -14.32 dBA/m

Location: 0.4, 3.7, 3.7 mm



0 dB = 67.05 = 36.53 dB

### 10\_HAC T-Coil\_LTE Band 25\_20M\_QPSK\_1RB\_Offset\_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 - 3106; ; Calibrated: 2022/12/13
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2022/8/25
- 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)

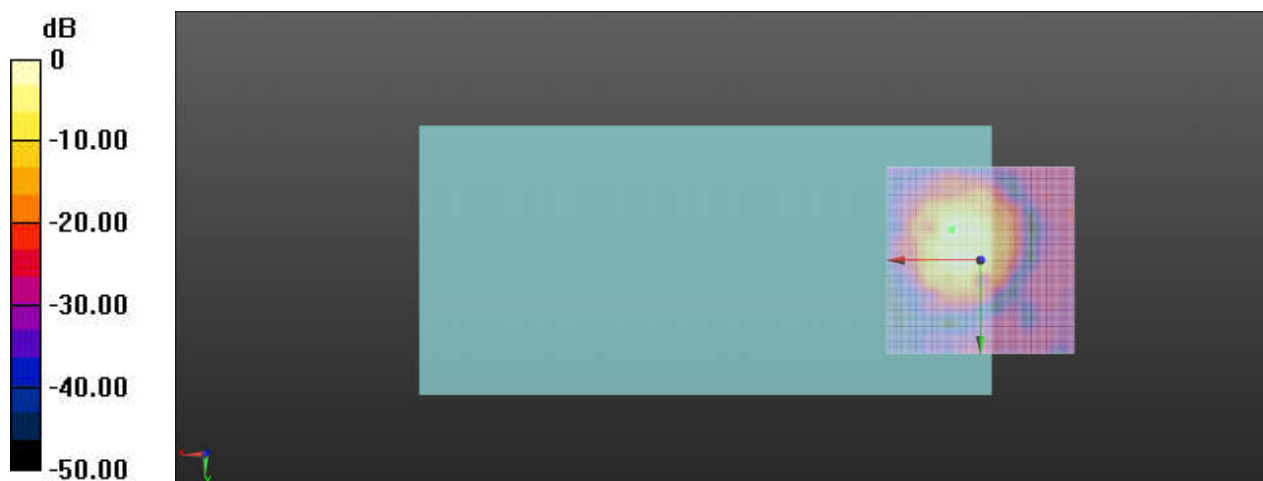
#### Ch26340/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

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

ABM1/ABM2 = 39.09 dB

ABM1 comp = -3.29 dBA/m

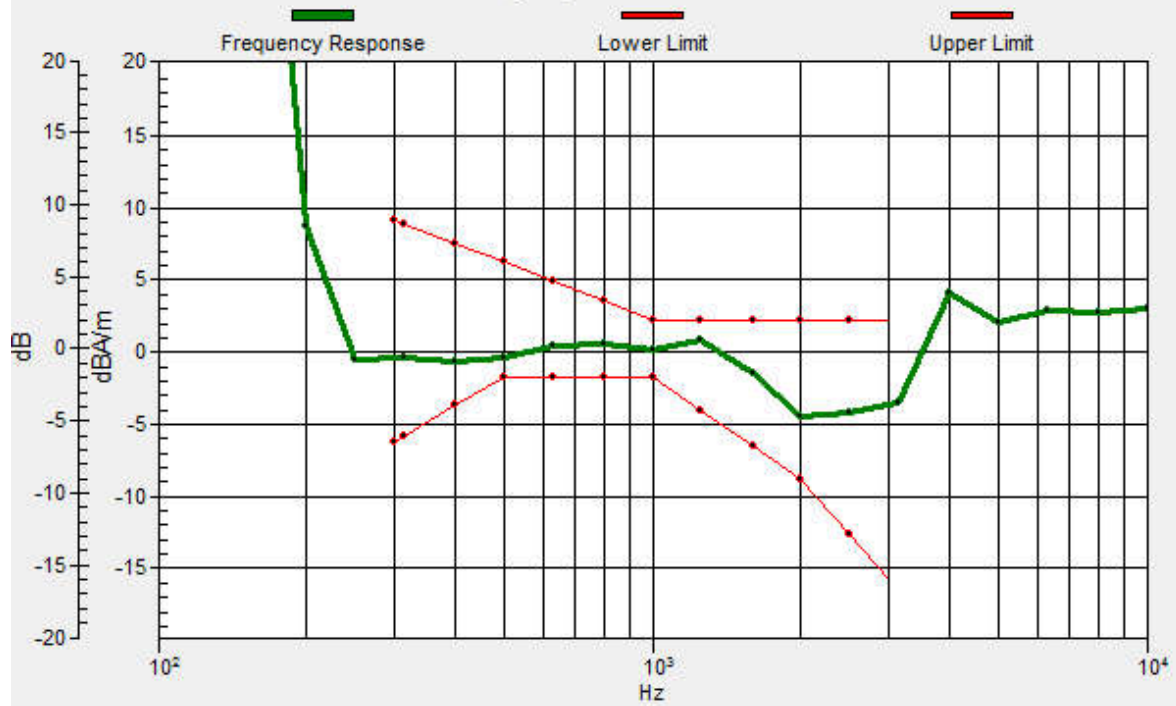
Location: 7.5, -8.3, 3.7 mm



0 dB = 90.07 = 39.09 dB

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

Loc: 7.7, -8.2, 3.7 mm Diff: 1.43dB



### 10\_HAC T-Coil\_LTE Band 25\_20M\_QPSK\_1RB\_Offset\_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 - 3106; ; Calibrated: 2022/12/13
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2022/8/25
- 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)

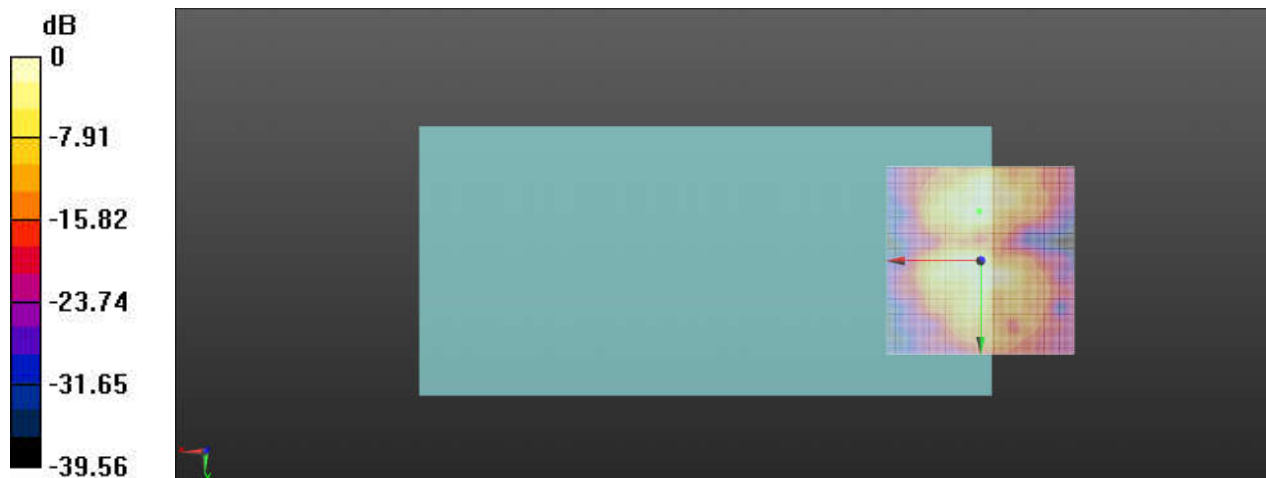
#### Ch26340/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

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

ABM1/ABM2 = 35.65 dB

ABM1 comp = -13.93 dBA/m

Location: 0.4, -13.3, 3.7 mm



0 dB = 60.60 = 35.65 dB

### 11\_HAC T-Coil\_LTE Band 26\_15M\_QPSK\_1RB\_Offset\_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 - 3106; ; Calibrated: 2022/12/13
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2022/8/25
- 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)

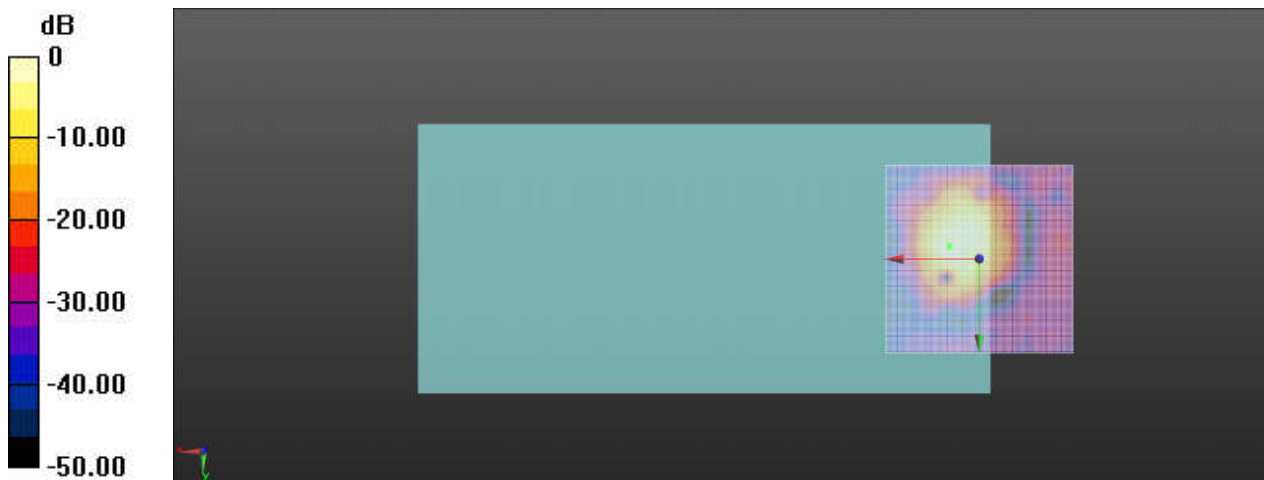
#### Ch26865/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

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

ABM1/ABM2 = 40.37 dB

ABM1 comp = -4.78 dBA/m

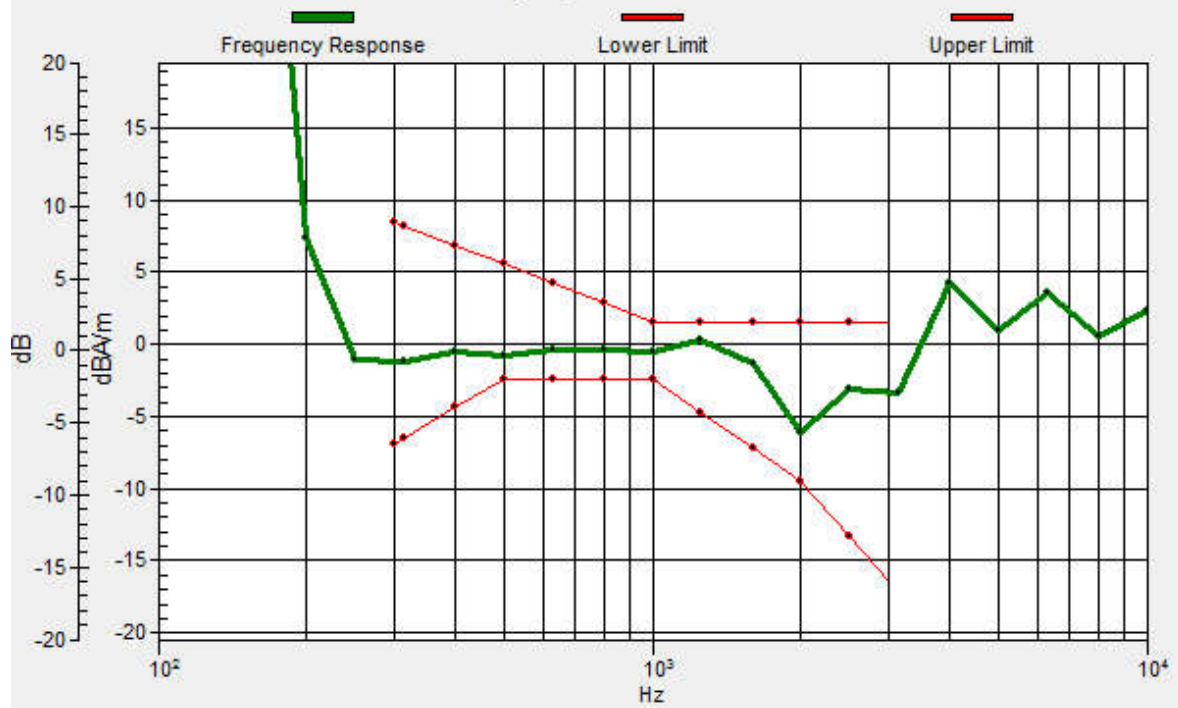
Location: 7.9, -3.3, 3.7 mm



0 dB = 104.4 = 40.37 dB

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

Loc: 7.9, -3.5, 3.7 mm Diff: 1.27dB





### 11\_HAC T-Coil\_LTE Band 26\_15M\_QPSK\_1RB\_Offset\_Ch26865\_Y

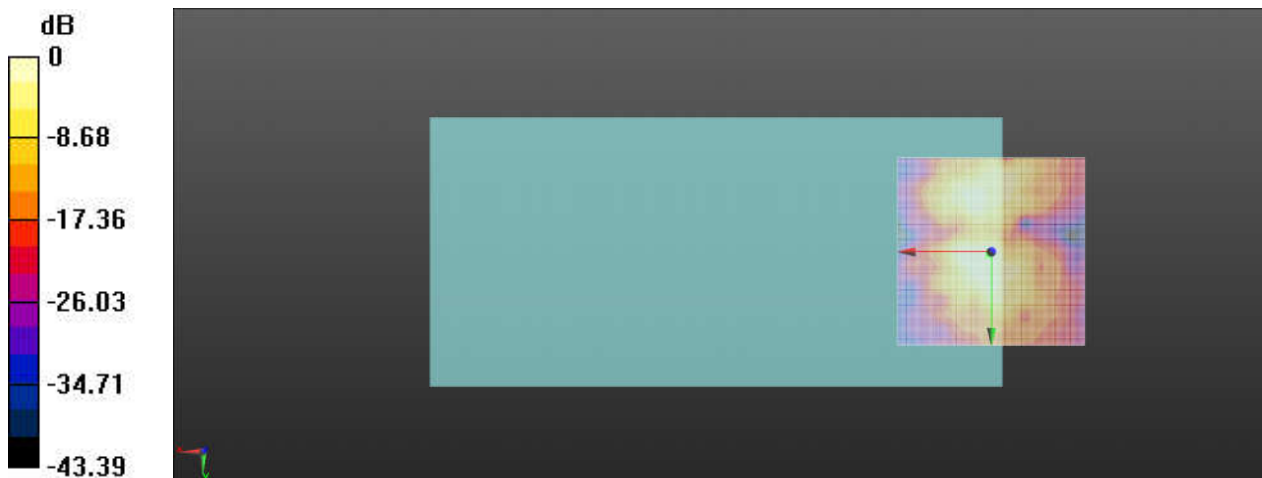
Communication System: UID 0, LTE (0); Frequency: 831.5 MHz;Duty Cycle: 1:1  
Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>  
Ambient Temperature : 23.4 °C

#### DASY5 Configuration:

- Probe: AM1DV3 - 3106; ; Calibrated: 2022/12/13
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2022/8/25
- 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 = 36.38 dB  
ABM1 comp = -13.57 dBA/m  
Location: 0.8, 0.8, 3.7 mm



0 dB = 65.89 = 36.38 dB

## 12\_HAC T-Coil\_LTE Band 66\_20M\_QPSK\_1RB\_Offset\_Ch132322\_Z

Communication System: UID 0, LTE (0); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: Air Medium parameters used:  $\sigma = 0 \text{ S/m}$ ,  $\epsilon_r = 1$ ;  $\rho = 0 \text{ kg/m}^3$

Ambient Temperature : 23.4 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3106; ; Calibrated: 2022/12/13
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2022/8/25
- 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)

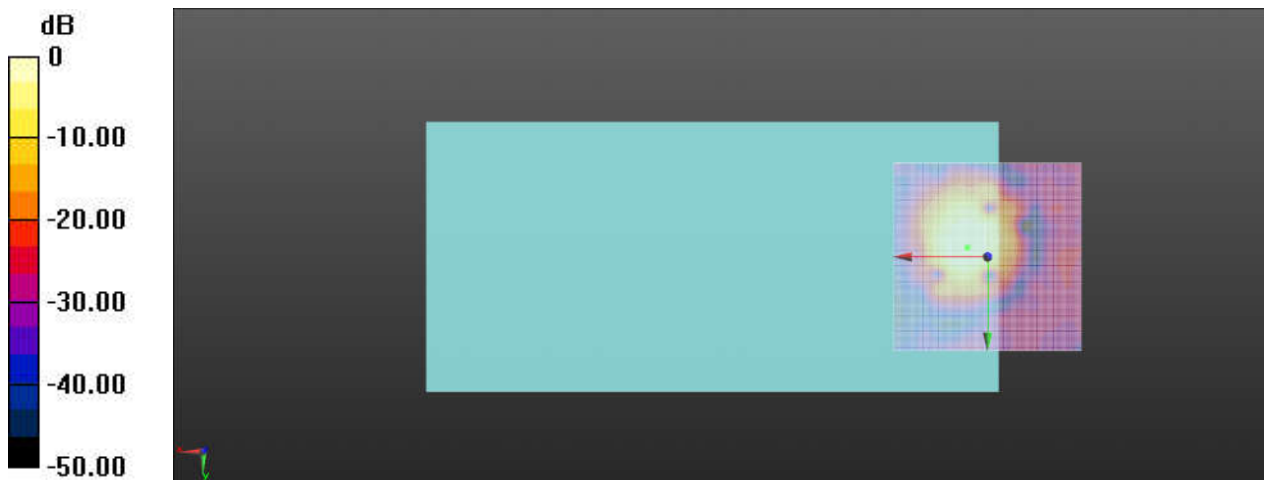
### Ch132322/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

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

ABM1/ABM2 = 38.34 dB

ABM1 comp = -7.11 dBA/m

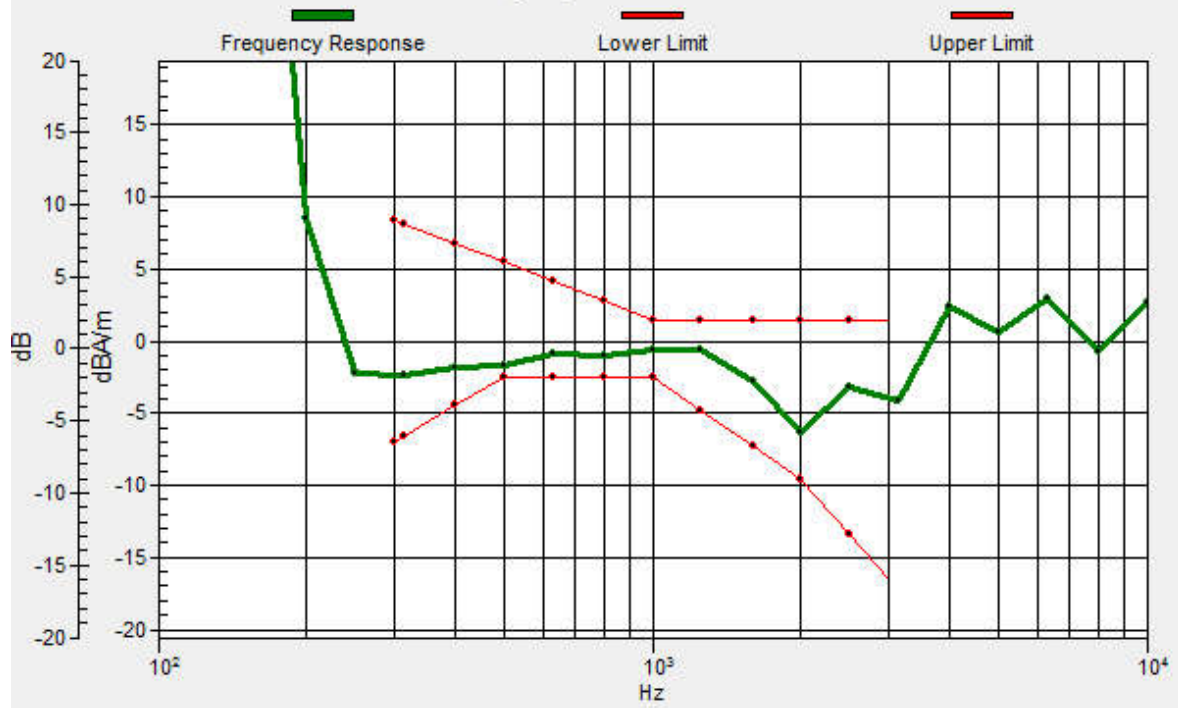
Location: 5.4, -2.5, 3.7 mm



0 dB = 82.60 = 38.34 dB

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

Loc: 5.3, -2.5, 3.7 mm Diff: 0.88dB



## 12\_HAC T-Coil\_LTE Band 66\_20M\_QPSK\_1RB\_Offset\_Ch132322\_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 - 3106; ; Calibrated: 2022/12/13
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2022/8/25
- 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 = 35.14 dB

ABM1 comp = -14.93 dBA/m

Location: 1.3, 4.2, 3.7 mm



### 13\_HAC T-Coil\_LTE Band 41\_20M\_QPSK\_1RB\_Offset\_Ch40620\_Z

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

Medium: Air Medium parameters used:  $\sigma = 0 \text{ S/m}$ ,  $\epsilon_r = 1$ ;  $\rho = 0 \text{ kg/m}^3$

Ambient Temperature : 23.4 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3106; ; Calibrated: 2022/12/13
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2022/8/25
- 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)

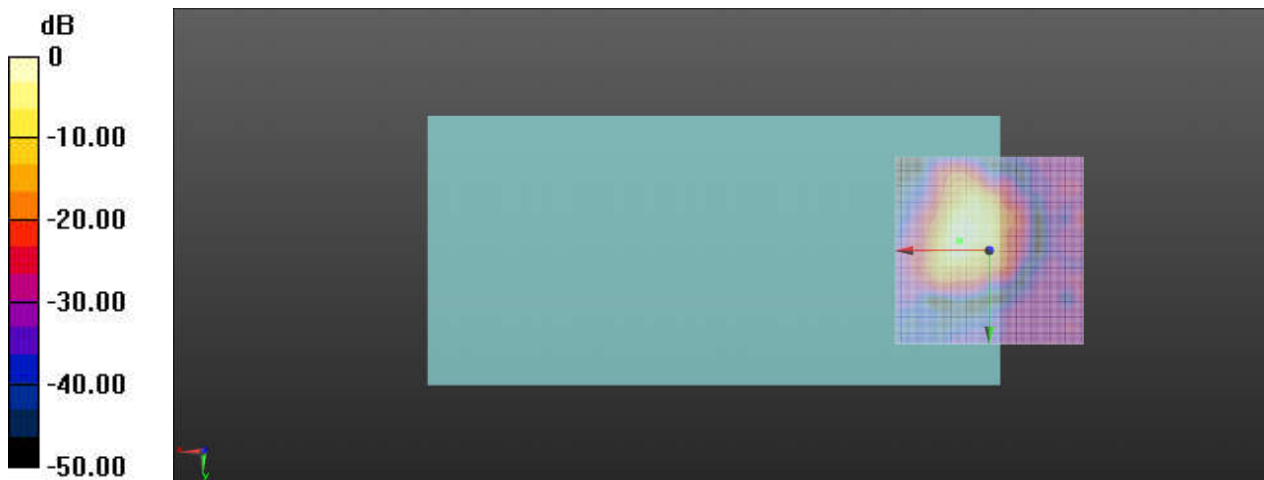
#### Ch40620/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

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

ABM1/ABM2 = 30.32 dB

ABM1 comp = -4.74 dBA/m

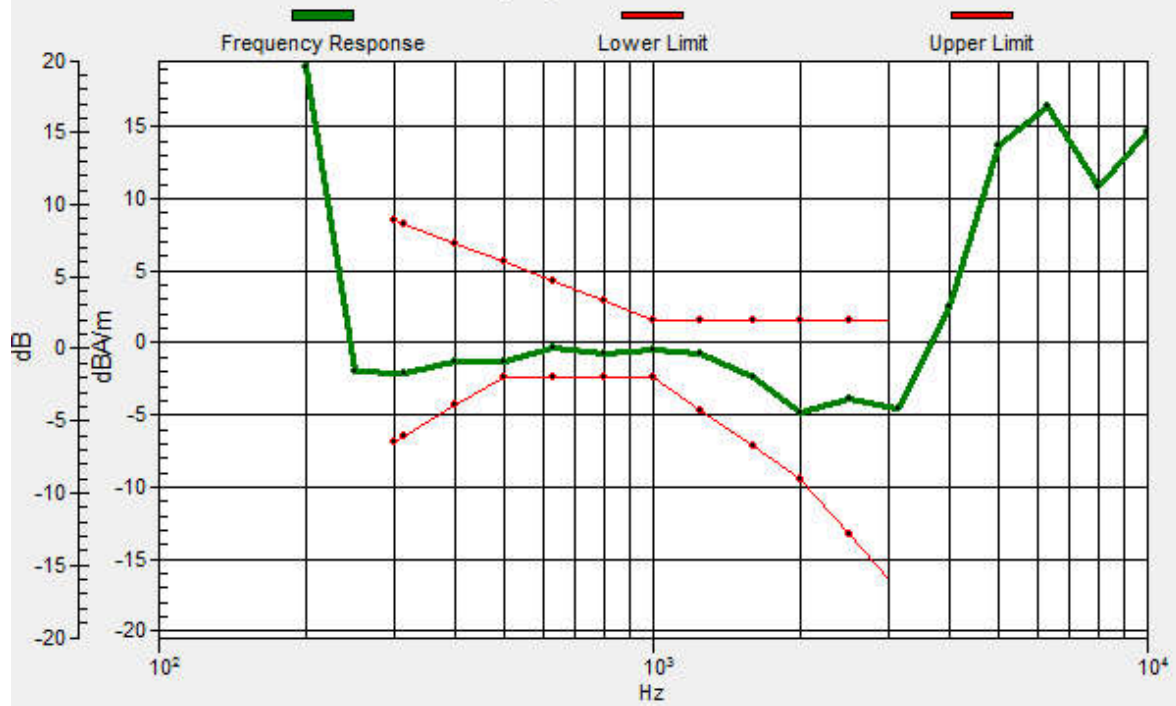
Location: 7.9, -2.5, 3.7 mm



0 dB = 32.80 = 30.32 dB

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

Loc: 8, -2.6, 3.7 mm Diff: 1.15dB



### 13\_HAC T-Coil\_LTE Band 41\_20M\_QPSK\_1RB\_Offset\_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 - 3106; ; Calibrated: 2022/12/13
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2022/8/25
- 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)

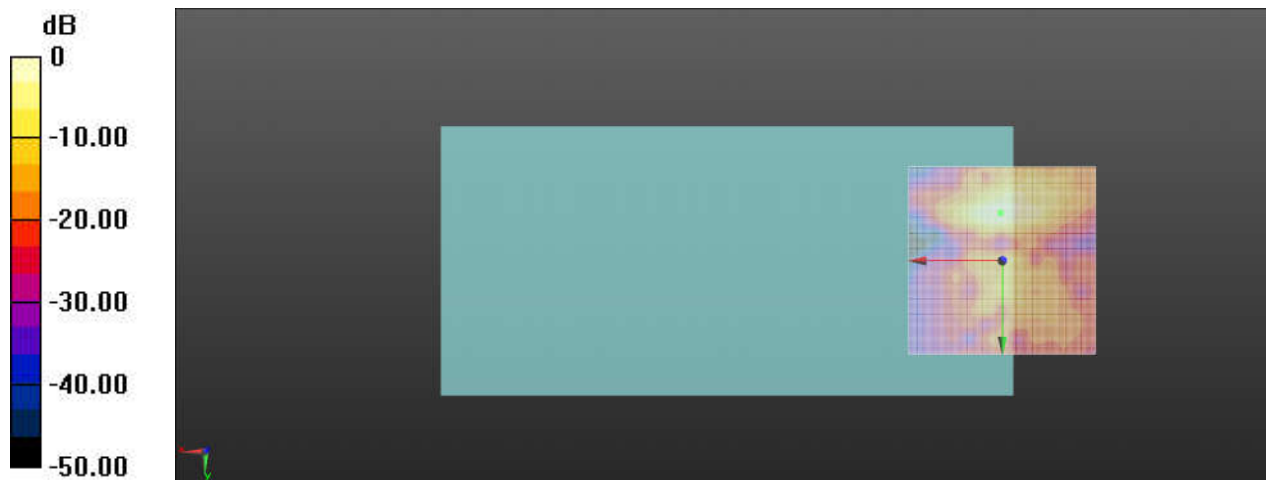
#### Ch40620/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

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

ABM1/ABM2 = 31.44 dB

ABM1 comp = -14.85 dBA/m

Location: 0.4, -12.9, 3.7 mm



0 dB = 37.33 = 31.44 dB

### 14\_HAC T-Coil\_LTE Band 42\_20M\_QPSK\_1RB\_Offset\_Ch42590\_Z

Communication System: UID 0, LTE (0); Frequency: 3500 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 - 3106; ; Calibrated: 2022/12/13
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2022/8/25
- 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)

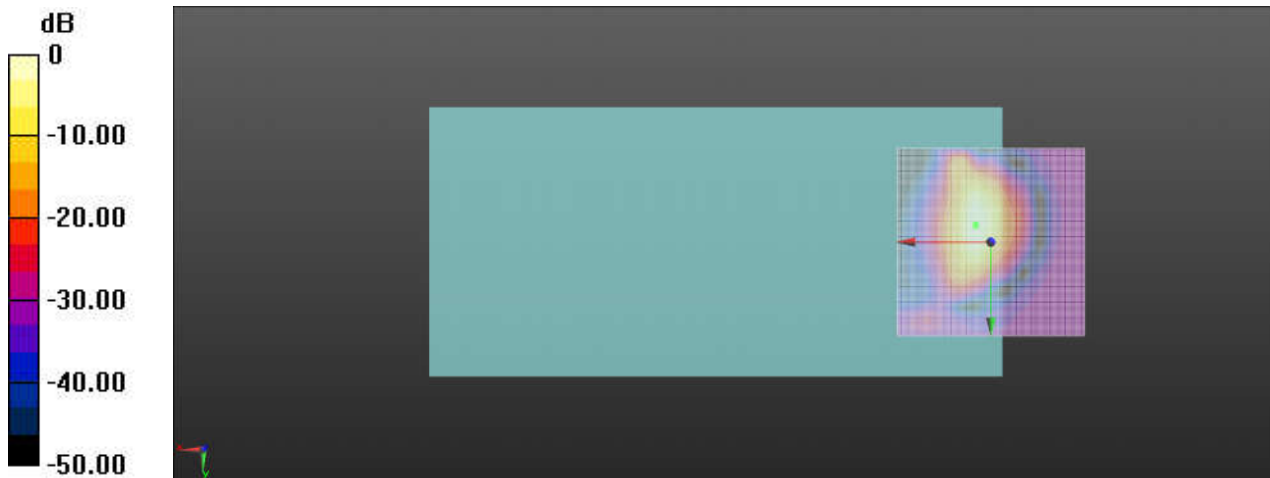
#### Ch42590/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

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

ABM1/ABM2 = 33.21 dB

ABM1 comp = 1.94 dBA/m

Location: 4.2, -4.6, 3.7 mm

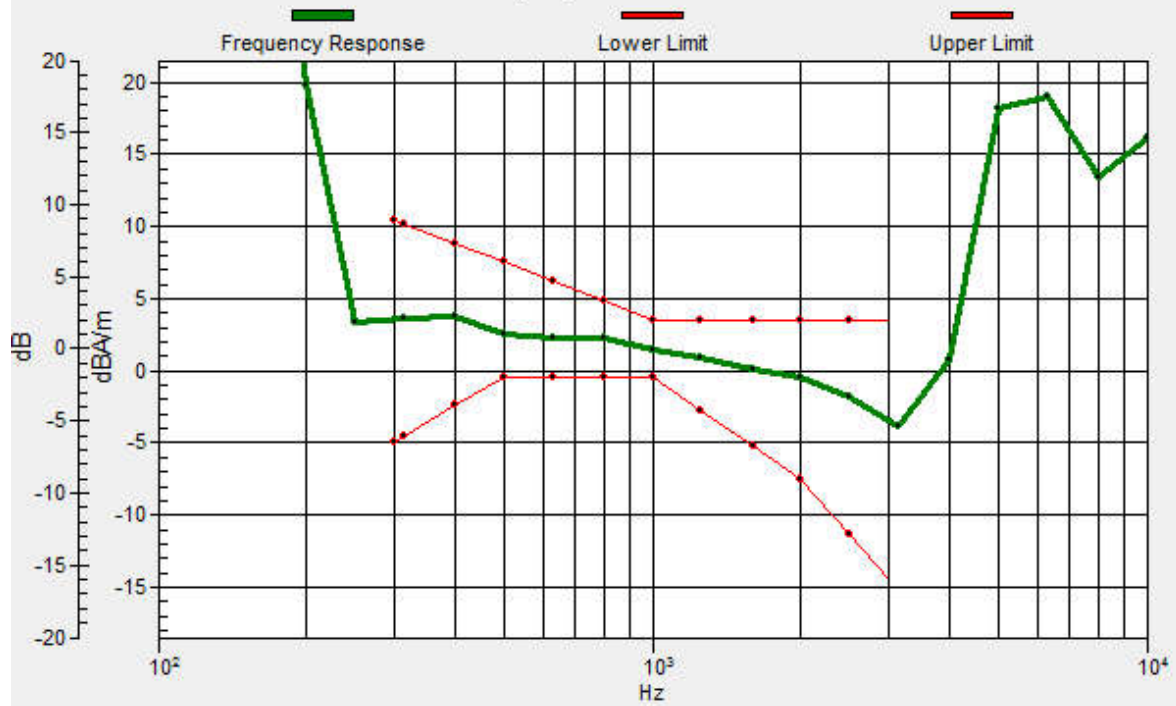


0 dB = 45.75 = 33.21 dB



# Ch42590/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)

Loc: 4, -4.5, 3.7 mm Diff: 2dB



### 14\_HAC T-Coil\_LTE Band 42\_20M\_QPSK\_1RB\_Offset\_Ch42590\_Y

Communication System: UID 0, LTE (0); Frequency: 3500 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 - 3106; ; Calibrated: 2022/12/13
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2022/8/25
- 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)

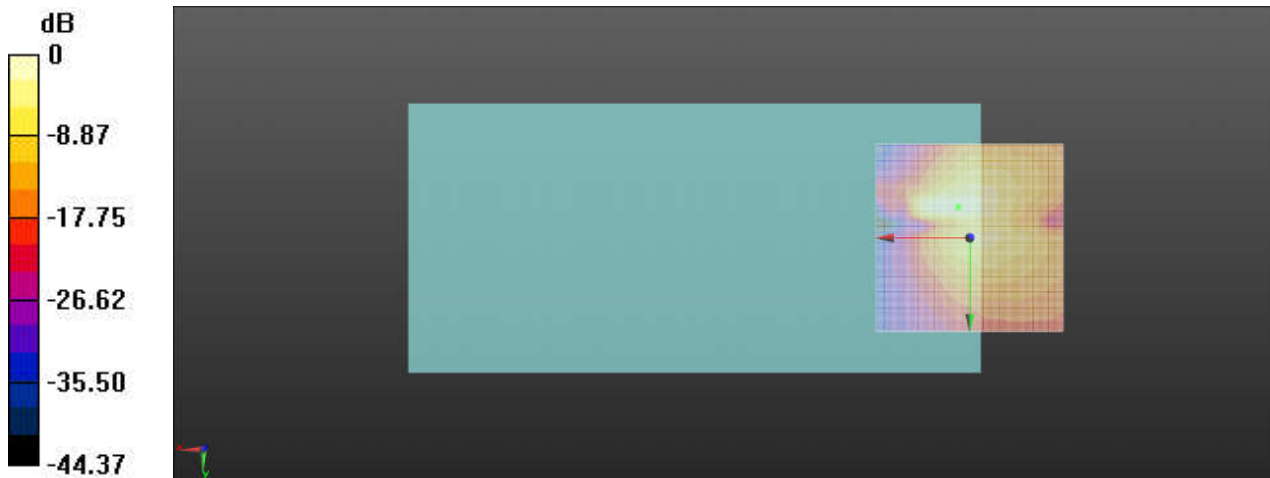
#### Ch42590/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

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

ABM1/ABM2 = 28.05 dB

ABM1 comp = -11.04 dBA/m

Location: 2.9, -8.3, 3.7 mm



0 dB = 25.27 = 28.05 dB

## 26\_HAC T-Coil\_LTE Band 42\_20M\_QPSK\_1RB\_0Offset\_Ch42590\_Z

Communication System: UID 0, LTE (0); Frequency: 3500 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 - 3106; ; Calibrated: 2022/12/13
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2022/8/25
- 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)

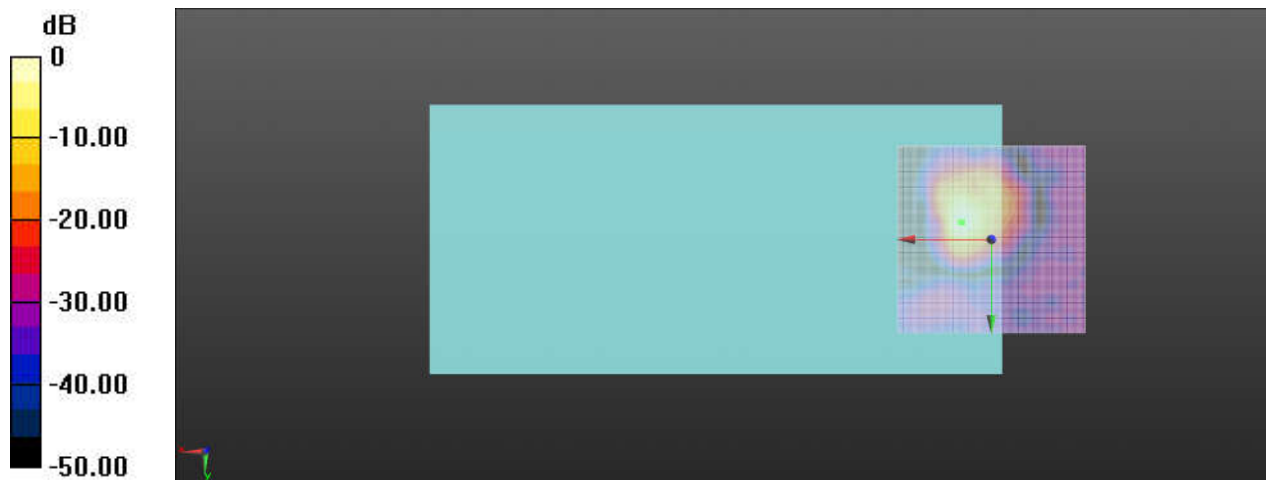
### Ch42590/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

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

ABM1/ABM2 = 34.98 dB

ABM1 comp = -2.15 dBA/m

Location: 7.9, -4.6, 3.7 mm



0 dB = 56.11 = 34.98 dB

# Ch42590/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)

Loc: 8, -4.7, 3.7 mm Diff: 0.06dB



## 26\_HAC T-Coil\_LTE Band 42\_20M\_QPSK\_1RB\_0Offset\_Ch42590\_Y

Communication System: UID 0, LTE (0); Frequency: 3500 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 - 3106; ; Calibrated: 2022/12/13
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2022/8/25
- 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)

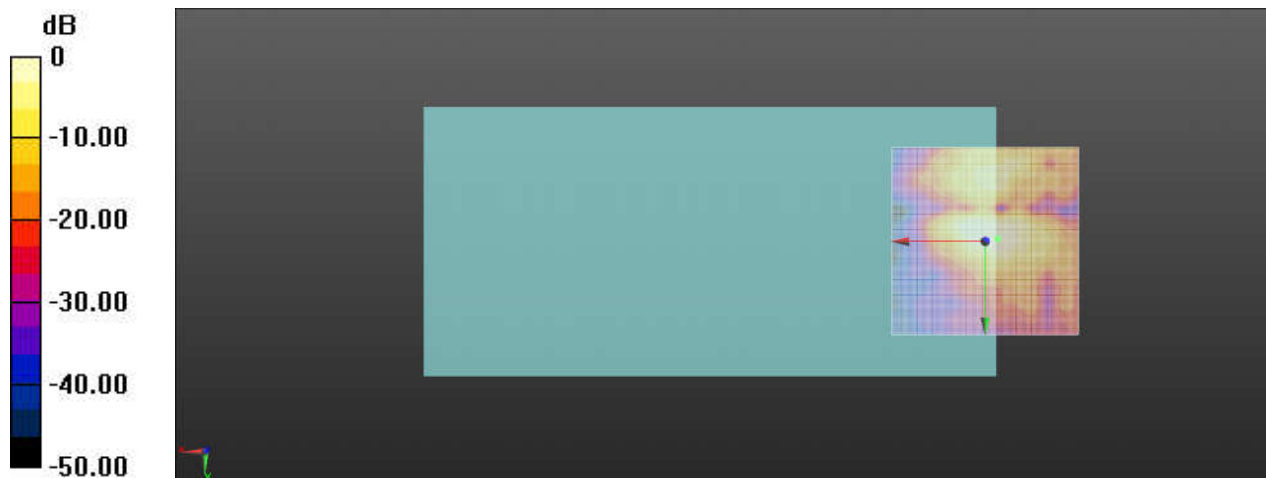
### Ch42590/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

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

ABM1/ABM2 = 33.40 dB

ABM1 comp = -11.72 dBA/m

Location: -3.3, -0.8, 3.7 mm



0 dB = 46.75 = 33.40 dB

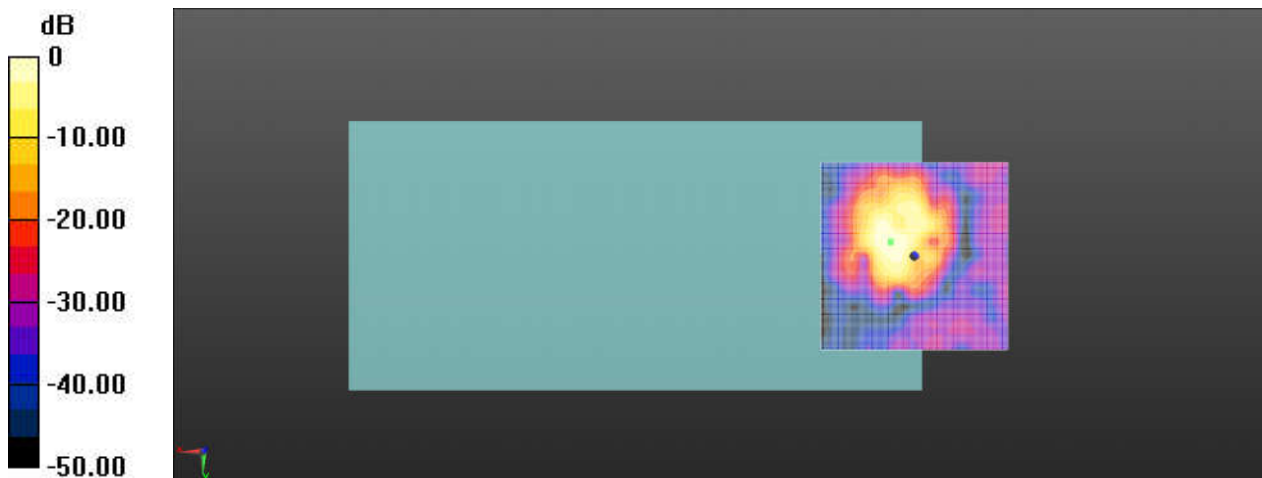
### 15\_HAC T-Coil\_WLAN 2.4GHz\_802.11n-HT40 MCS0\_Ch6\_Z

Communication System: UID 0, WIFI (0); Frequency: 2437 MHz;Duty Cycle: 1:1.116  
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 - 3106; ; Calibrated: 2022/12/13
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2022/8/25
- 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)

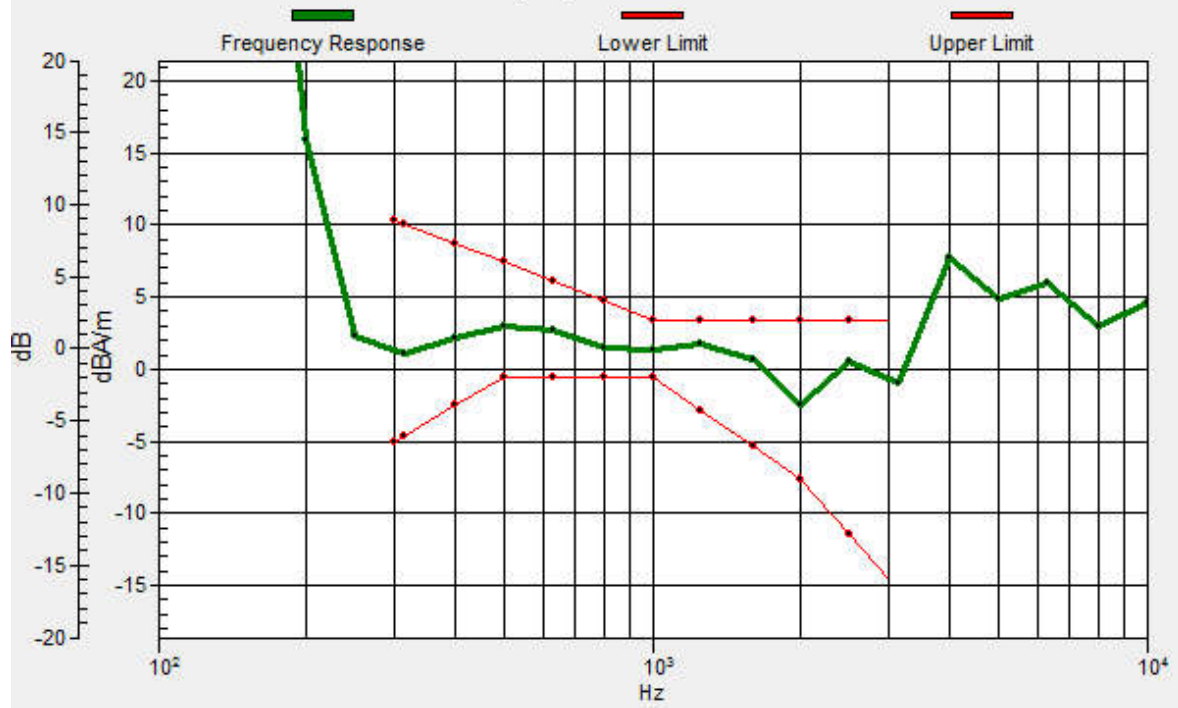
**Ch6/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):** Interpolated  
grid: dx=1.000 mm, dy=1.000 mm  
ABM1/ABM2 = 39.84 dB  
ABM1 comp = -4.19 dBA/m  
Location: 6.3, -3.8, 3.7 mm



0 dB = 98.18 = 39.84 dB

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

Loc: 6.2, -3.9, 3.7 mm Diff: 1.6dB



### 15\_HAC T-Coil\_WLAN 2.4GHz\_802.11n-HT40 MCS0\_Ch6\_Y

Communication System: UID 0, WIFI (0); Frequency: 2437 MHz;Duty Cycle: 1:1.116

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 - 3106; ; Calibrated: 2022/12/13
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2022/8/25
- 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)

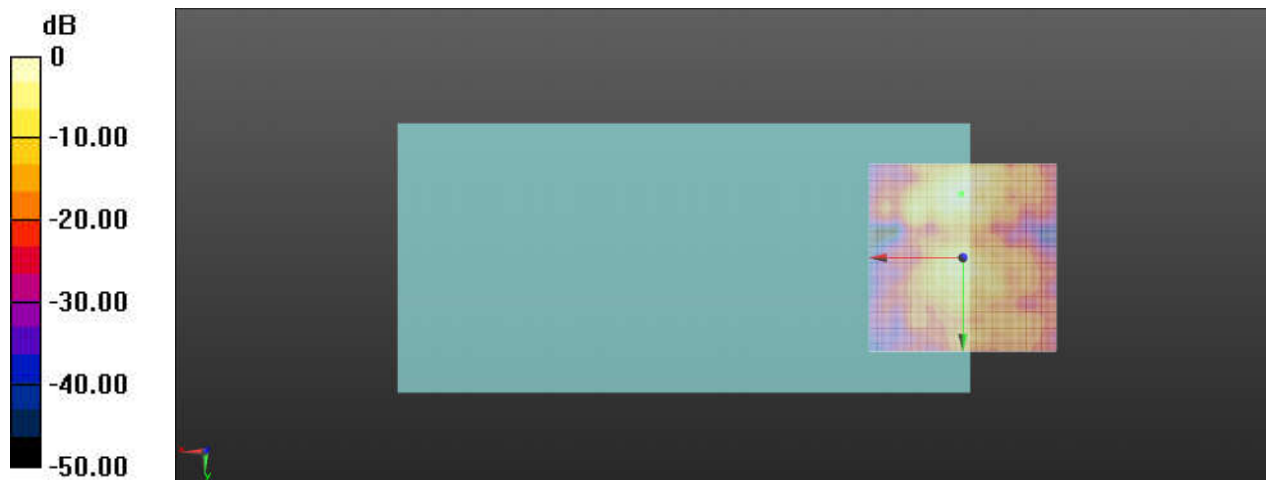
#### Ch6/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

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

ABM1/ABM2 = 39.07 dB

ABM1 comp = -12.41 dBA/m

Location: 0.4, -17.1, 3.7 mm



0 dB = 89.82 = 39.07 dB



## 16\_HAC T-Coil\_WLAN 5GHz\_802.11ac-VHT40 MCS8\_Ch38\_Z

Communication System: UID 0, WIFI (0); Frequency: 5190 MHz; Duty Cycle: 1:1.056

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 - 3106; ; Calibrated: 2022/12/13
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2022/8/25
- 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)

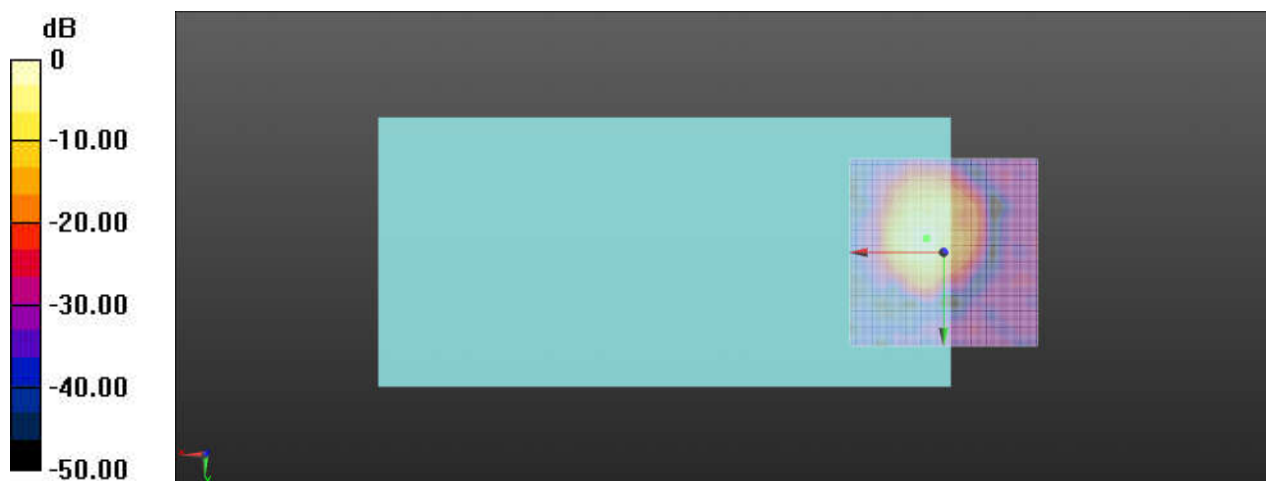
**Ch38/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):** Interpolated

grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 43.50 dB

ABM1 comp = -2.52 dBA/m

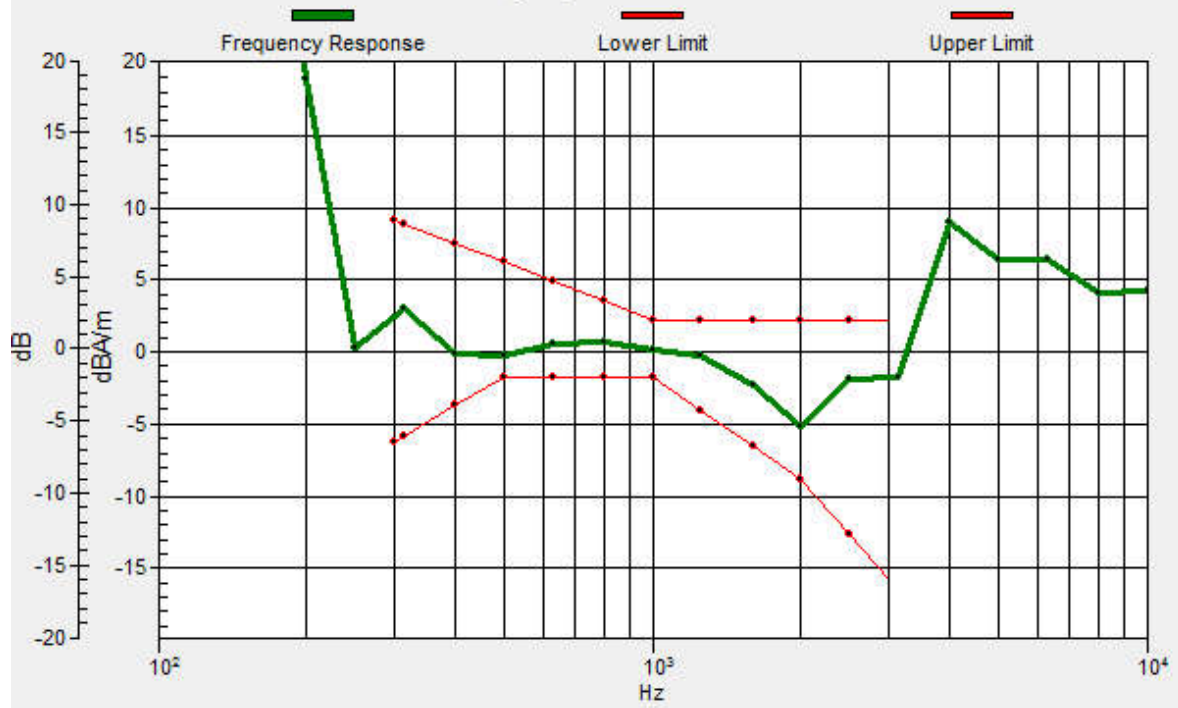
Location: 4.6, -3.8, 3.7 mm



0 dB = 149.7 = 43.50 dB

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

Loc: 4.4, -3.9, 3.7 mm Diff: 1.48dB



## 16\_HAC T-Coil\_WLAN 5GHz\_802.11ac-VHT40 MCS8\_Ch38\_Y

Communication System: UID 0, WIFI (0); Frequency: 5190 MHz; Duty Cycle: 1:1.056

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 - 3106; ; Calibrated: 2022/12/13
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2022/8/25
- 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)

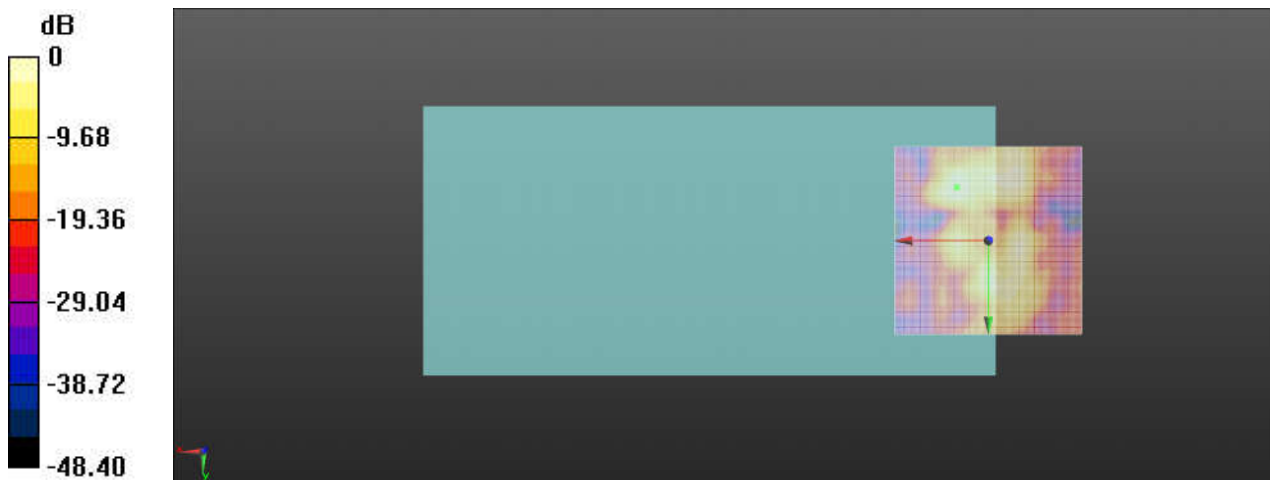
### Ch38/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

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

ABM1/ABM2 = 36.75 dB

ABM1 comp = -8.84 dBA/m

Location: 8.3, -14.2, 3.7 mm



0 dB = 68.78 = 36.75 dB

### 17\_HAC T-Coil\_WLAN 5GHz\_802.11ac-VHT40 MCS8\_Ch54\_Z

Communication System: UID 0, WIFI (0); Frequency: 5270 MHz; Duty Cycle: 1:1.056

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 - 3106; ; Calibrated: 2022/12/13
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2022/8/25
- 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)

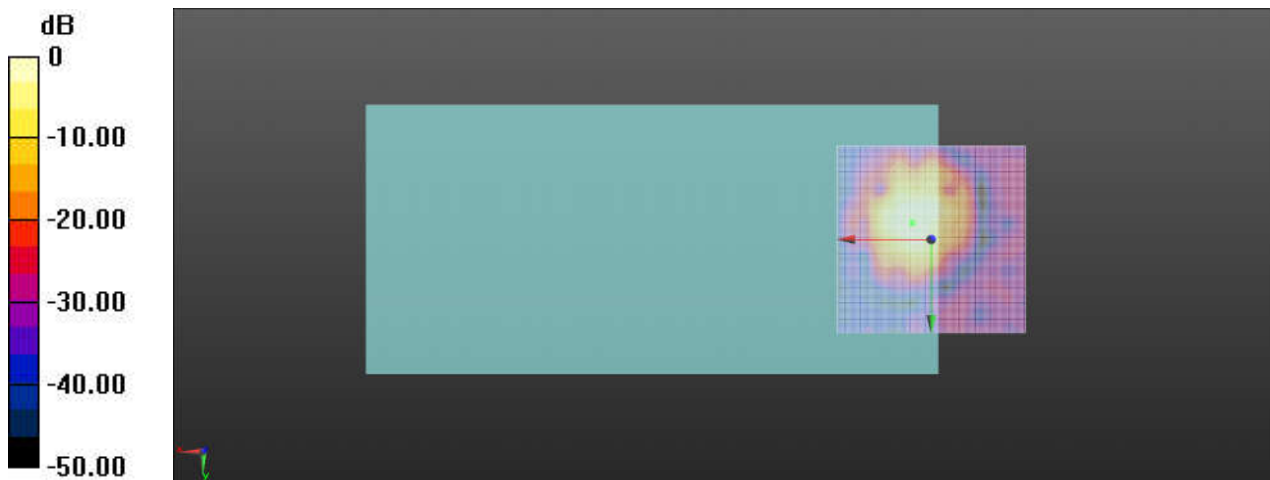
**Ch54/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):** Interpolated

grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 41.56 dB

ABM1 comp = -3.13 dBA/m

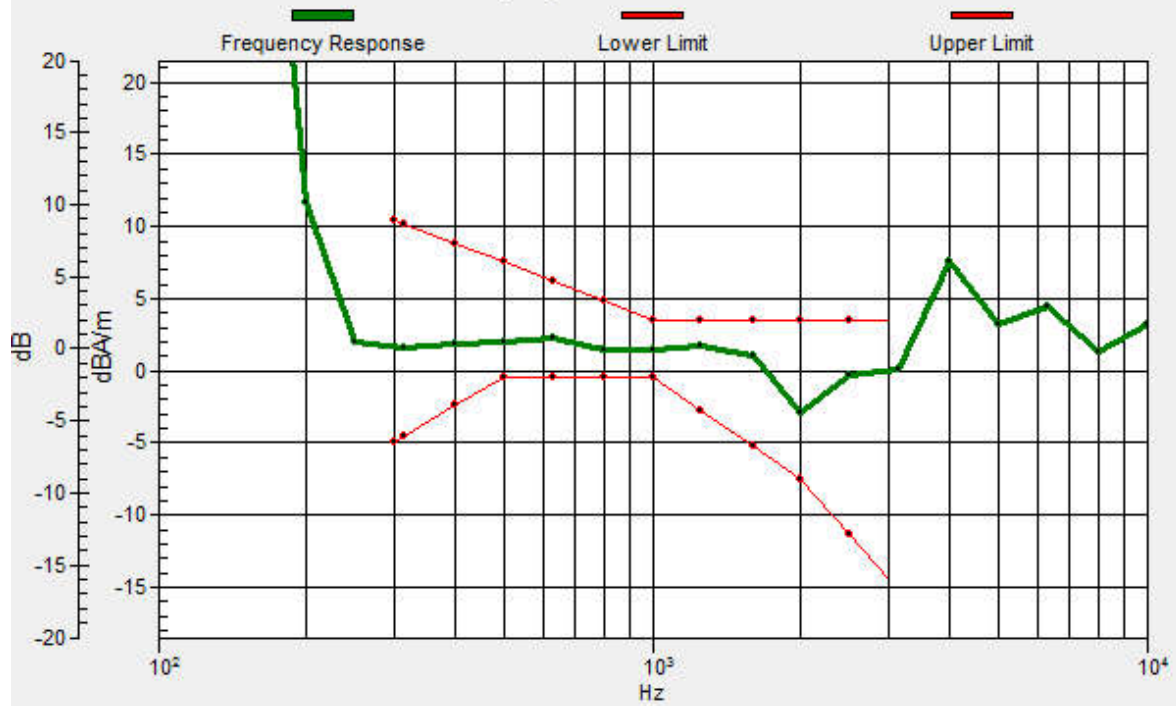
Location: 5, -4.6, 3.7 mm



0 dB = 119.7 = 41.56 dB

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

Loc: 5, -4.5, 3.7 mm Diff: 1.85dB



## 17\_HAC T-Coil\_WLAN 5GHz\_802.11ac-VHT40 MCS8\_Ch54\_Y

Communication System: UID 0, WIFI (0); Frequency: 5270 MHz; Duty Cycle: 1:1.056

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 - 3106; ; Calibrated: 2022/12/13
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2022/8/25
- 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)

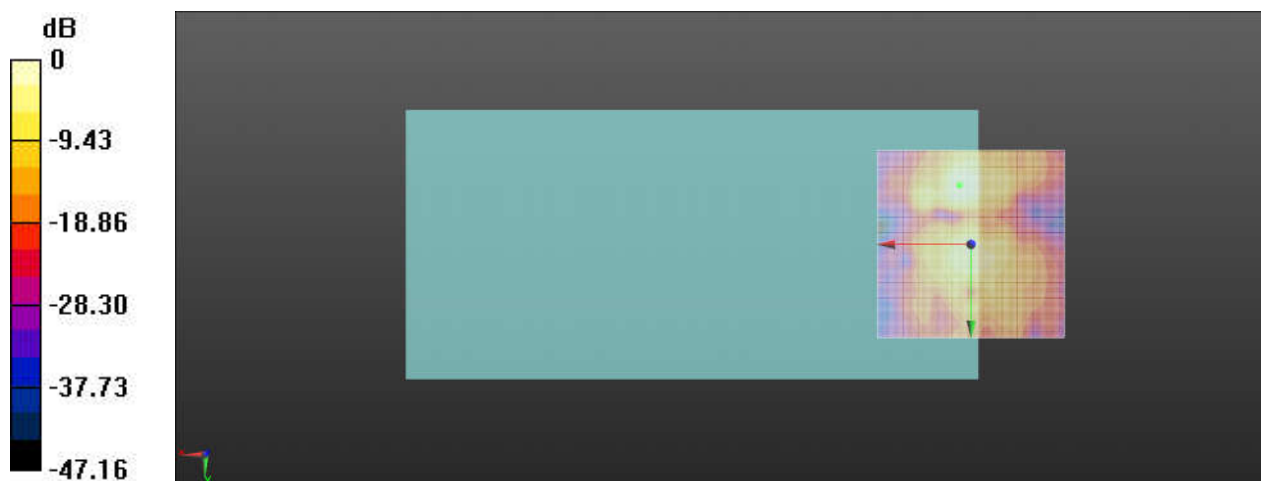
### Ch54/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

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

ABM1/ABM2 = 40.58 dB

ABM1 comp = -10.65 dBA/m

Location: 2.9, -15.8, 3.7 mm



0 dB = 106.9 = 40.58 dB

### 18\_HAC T-Coil\_WLAN 5GHz\_802.11ac-VHT40 MCS8\_Ch110\_Z

Communication System: UID 0, WIFI (0); Frequency: 5550 MHz;Duty Cycle: 1:1.056

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 - 3106; ; Calibrated: 2022/12/13
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2022/8/25
- 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)

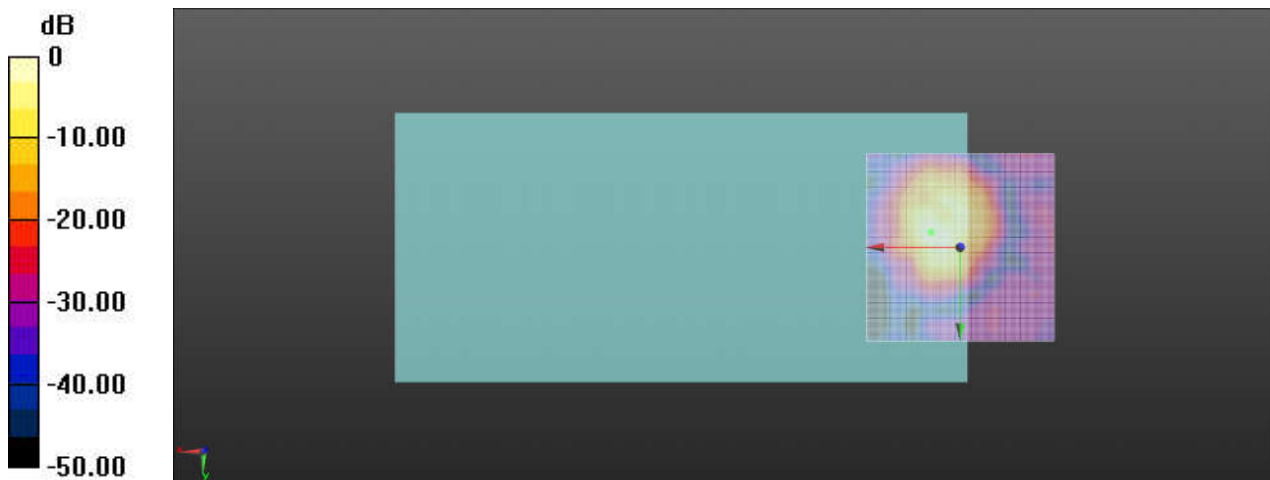
#### Ch110/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

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

ABM1/ABM2 = 42.09 dB

ABM1 comp = -2.16 dBA/m

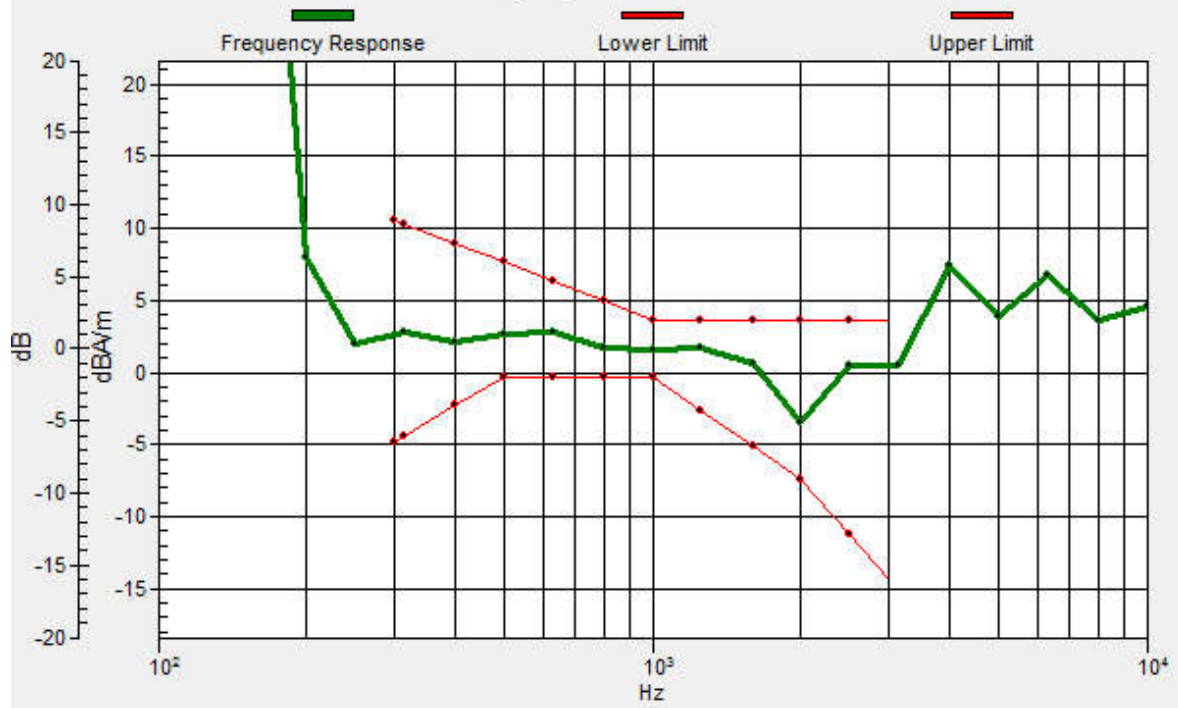
Location: 7.9, -4.2, 3.7 mm



0 dB = 127.3 = 42.10 dB

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

Loc: 7.8, -4.2, 3.7 mm Diff: 1.99dB





### 18\_HAC T-Coil\_WLAN 5GHz\_802.11ac-VHT40 MCS8\_Ch110\_Y

Communication System: UID 0, WIFI (0); Frequency: 5550 MHz;Duty Cycle: 1:1.056

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 - 3106; ; Calibrated: 2022/12/13
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2022/8/25
- 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)

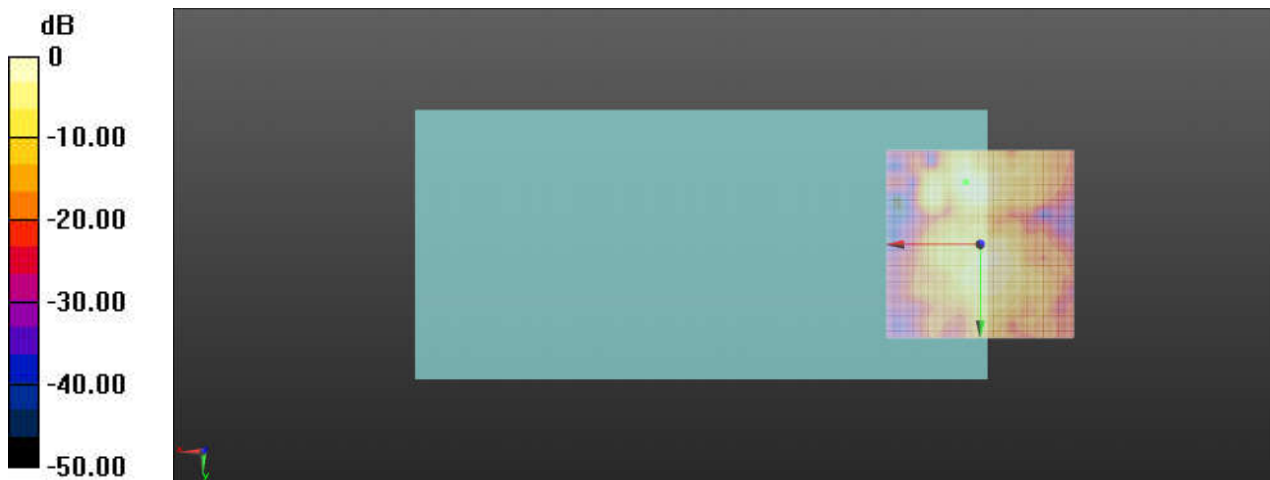
#### Ch110/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

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

ABM1/ABM2 = 38.88 dB

ABM1 comp = -10.51 dBA/m

Location: 3.8, -16.7, 3.7 mm



0 dB = 87.94 = 38.88 dB

### 19\_HAC T-Coil\_WLAN 5GHz\_802.11ac-VHT40 MCS8\_Ch151\_Z

Communication System: UID 0, WIFI (0); Frequency: 5755 MHz; Duty Cycle: 1:1.056

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 - 3106; ; Calibrated: 2022/12/13
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2022/8/25
- 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)

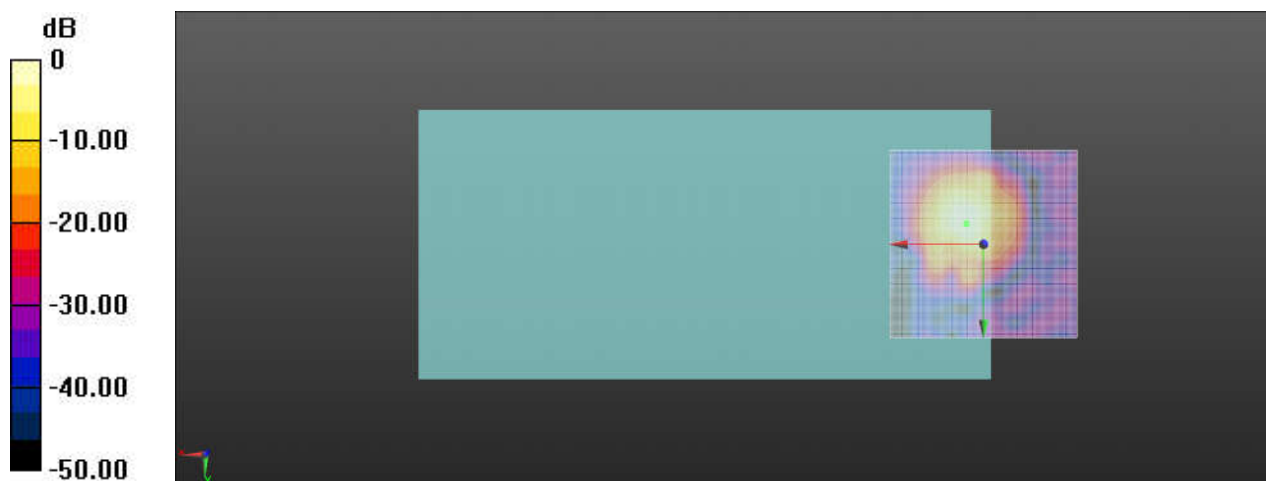
#### Ch151/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

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

ABM1/ABM2 = 42.93 dB

ABM1 comp = -2.67 dBA/m

Location: 4.6, -5.4, 3.7 mm



0 dB = 140.2 = 42.93 dB

# Ch151/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)

Loc: 4.5, -5.5, 3.7 mm Diff: 0.96dB



### 19\_HAC T-Coil\_WLAN 5GHz\_802.11ac-VHT40 MCS8\_Ch151\_Y

Communication System: UID 0, WIFI (0); Frequency: 5755 MHz;Duty Cycle: 1:1.056

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 - 3106; ; Calibrated: 2022/12/13
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2022/8/25
- 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)

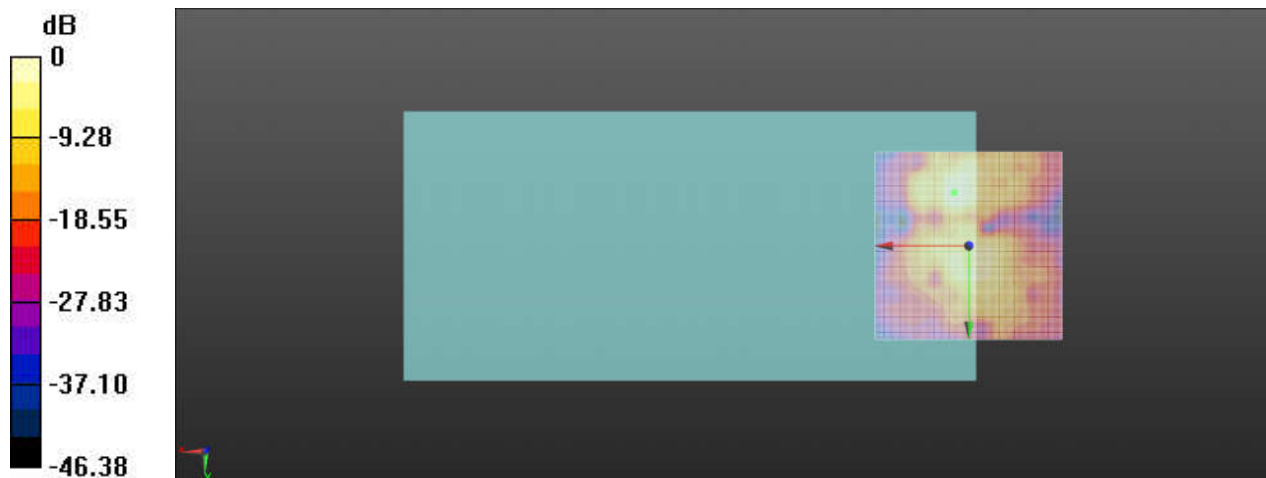
#### Ch151/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

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

ABM1/ABM2 = 40.11 dB

ABM1 comp = -10.01 dBA/m

Location: 3.8, -14.2, 3.7 mm



0 dB = 101.3 = 40.11 dB