

**#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 : 23.6 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3104; ; Calibrated: 2023/3/16
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

**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 = 39.13 dB

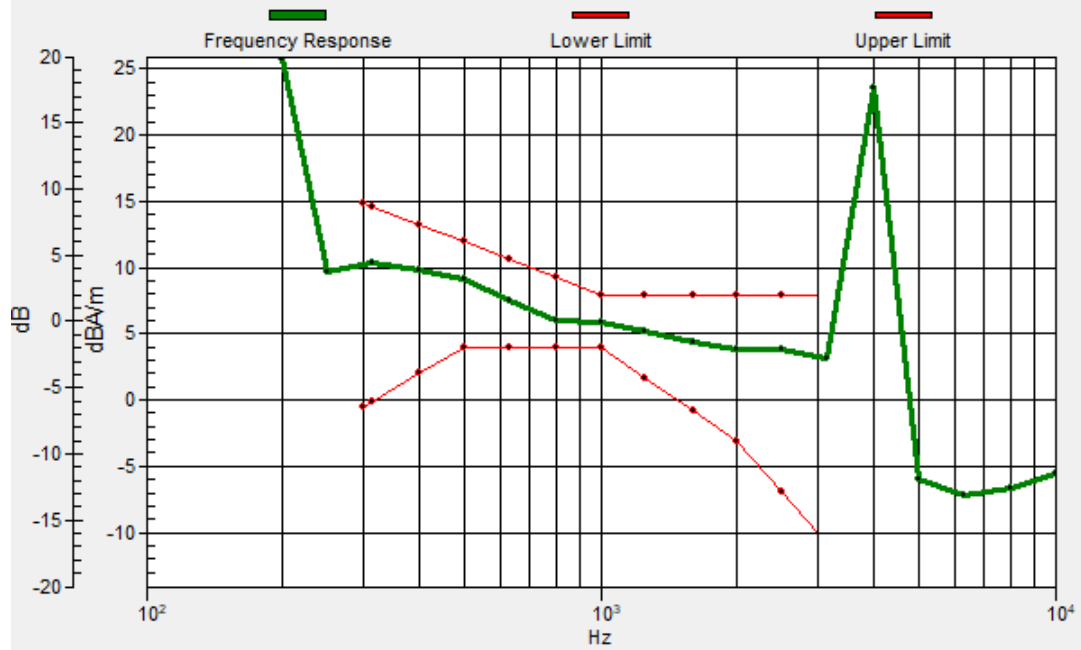
ABM1 comp = 5.44 dBA/m

Location: 9.6, -11.7, 3.7 mm



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

Loc: 9.5, -11.8, 3.7 mm Diff: 2dB



**#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 : 23.6 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3104; ; Calibrated: 2023/3/16
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

**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 = 33.07 dB

ABM1 comp = -3.90 dBA/m

Location: 5.4, -3.3, 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 : 23.1 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3104; ; Calibrated: 2023/3/16
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

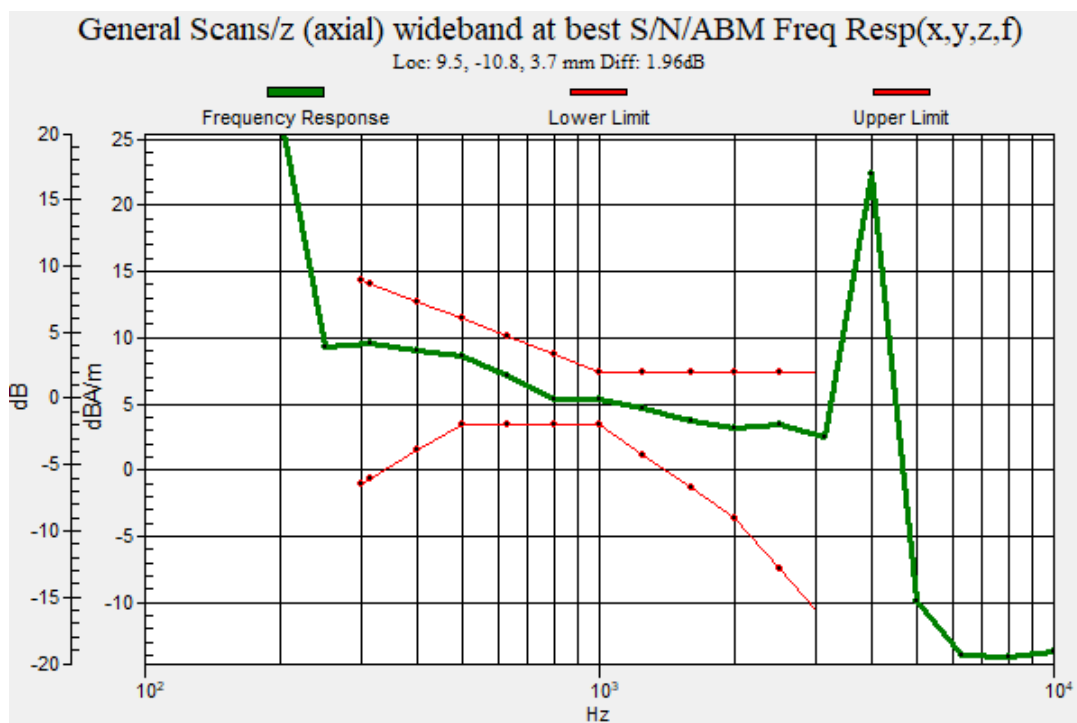
**General Scans/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):** Interpolated grid:

dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 46.25 dB

ABM1 comp = 5.36 dBA/m

Location: 9.6, -11, 3.7 mm



**#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 : 23.1 °C;

DASY5 Configuration:

- Probe: AM1DV3 - 3104; ; Calibrated: 2023/3/16
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

**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 = 45.08 dB

ABM1 comp = -5.18 dBA/m

Location: 4.7, 0.2, 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 : 23.1 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3104; ; Calibrated: 2023/3/16
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

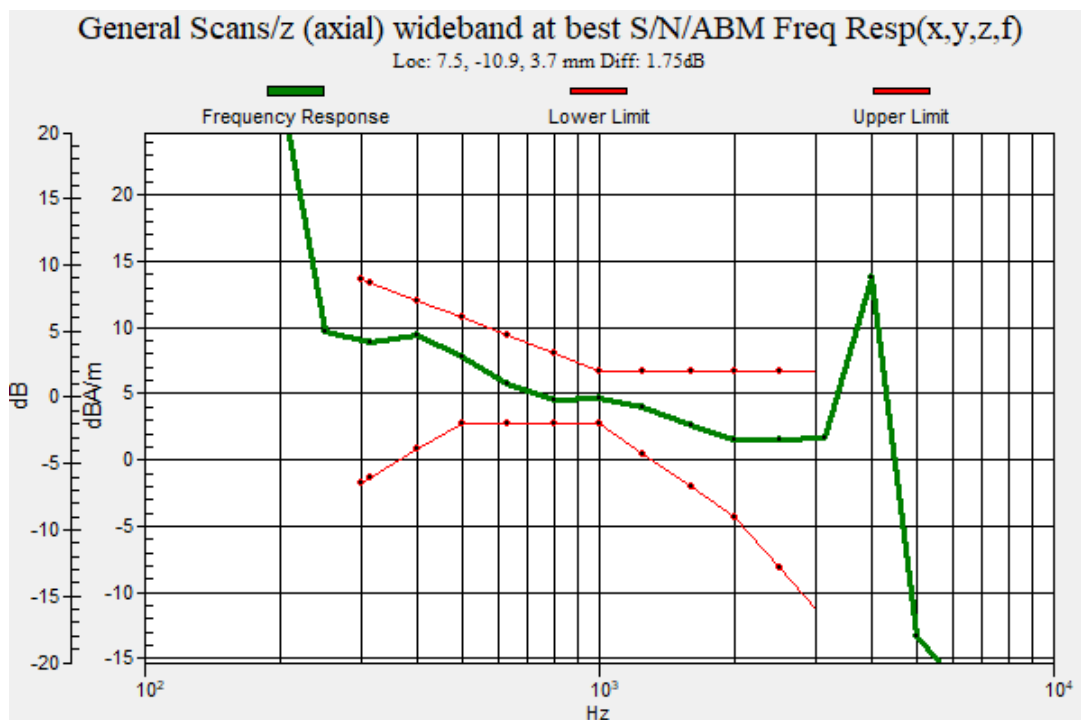
**General Scans/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):** Interpolated grid:

dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 49.64 dB

ABM1 comp = 4.06 dBA/m

Location: 7.5, -11, 3.7 mm



**#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 : 23.1 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3104; ; Calibrated: 2023/3/16
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

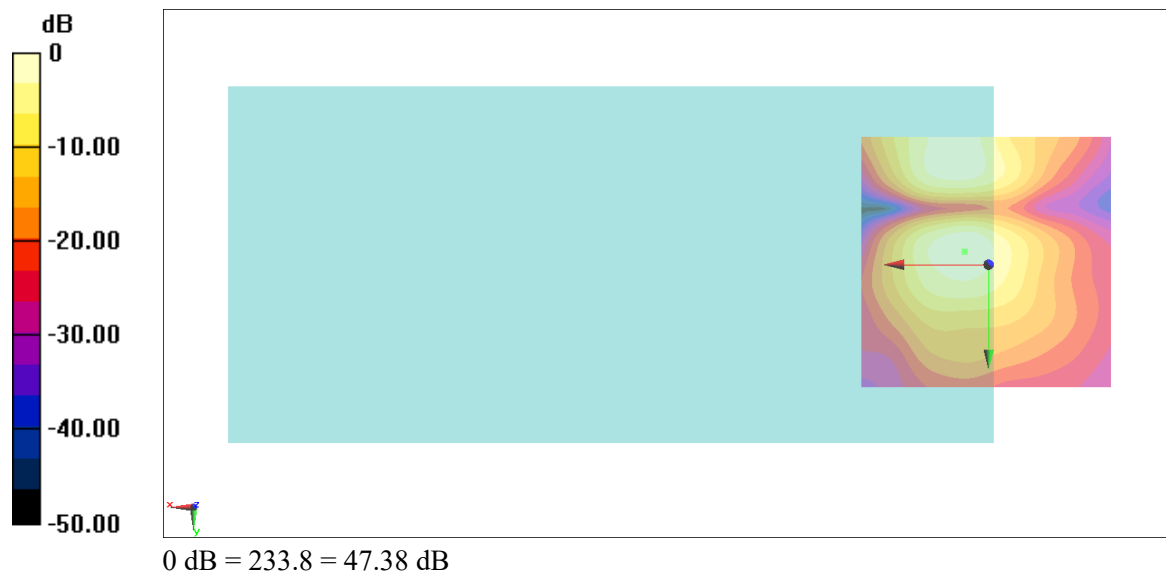
**General Scans/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):** Interpolated

grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 47.38 dB

ABM1 comp = -3.81 dBA/m

Location: 4.7, -2.6, 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 : 23.1 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3104; ; Calibrated: 2023/3/16
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

**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 = 49.92 dB

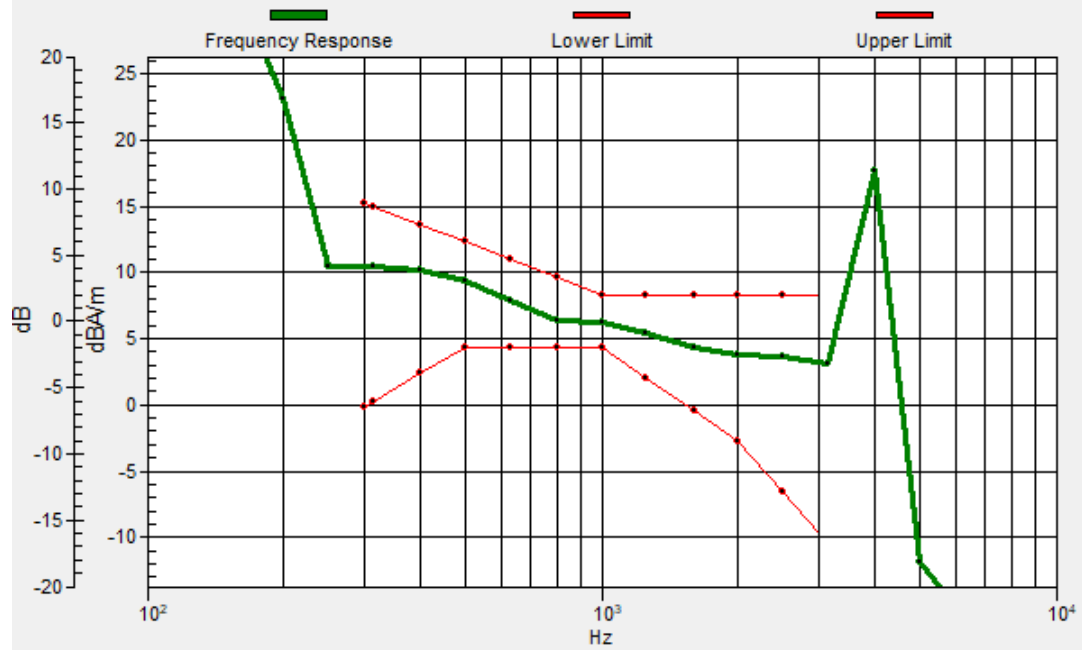
ABM1 comp = 5.60 dBA/m

Location: 8.9, -11.7, 3.7 mm



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

Loc: 8.8, -11.6, 3.7 mm Diff: 2dB



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

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 : 23.1 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3104; ; Calibrated: 2023/3/16
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

**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 = 47.28 dB

ABM1 comp = -3.64 dBA/m

Location: 4, -3.3, 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 : 23.6 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3104; ; Calibrated: 2023/3/16
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

**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 = 51.05 dB

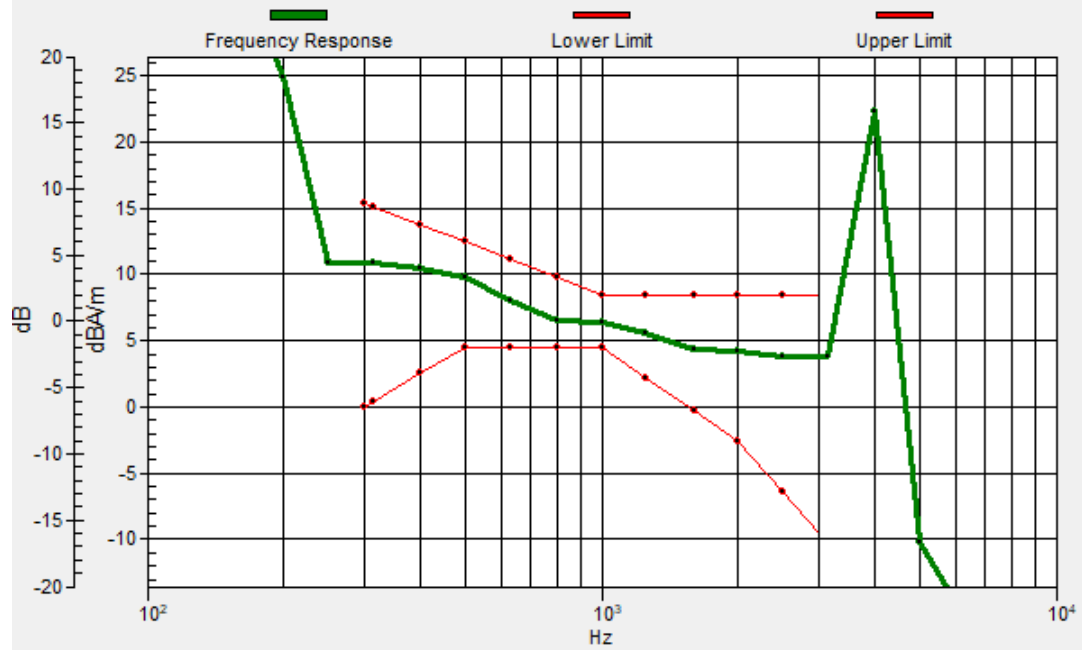
ABM1 comp = 5.74 dBA/m

Location: 9.6, -13.1, 3.7 mm



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

Loc: 9.8, -12.8, 3.7 mm Diff: 2dB



**#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 : 23.6 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3104; ; Calibrated: 2023/3/16
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

**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 = 46.41 dB

ABM1 comp = -3.17 dBA/m

Location: 7.5, -3.3, 3.7 mm



**#06\_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 : 23.1 °C; Liquid Temperature : 22.1 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3104; ; Calibrated: 2023/3/16
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**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 = 46.22 dB

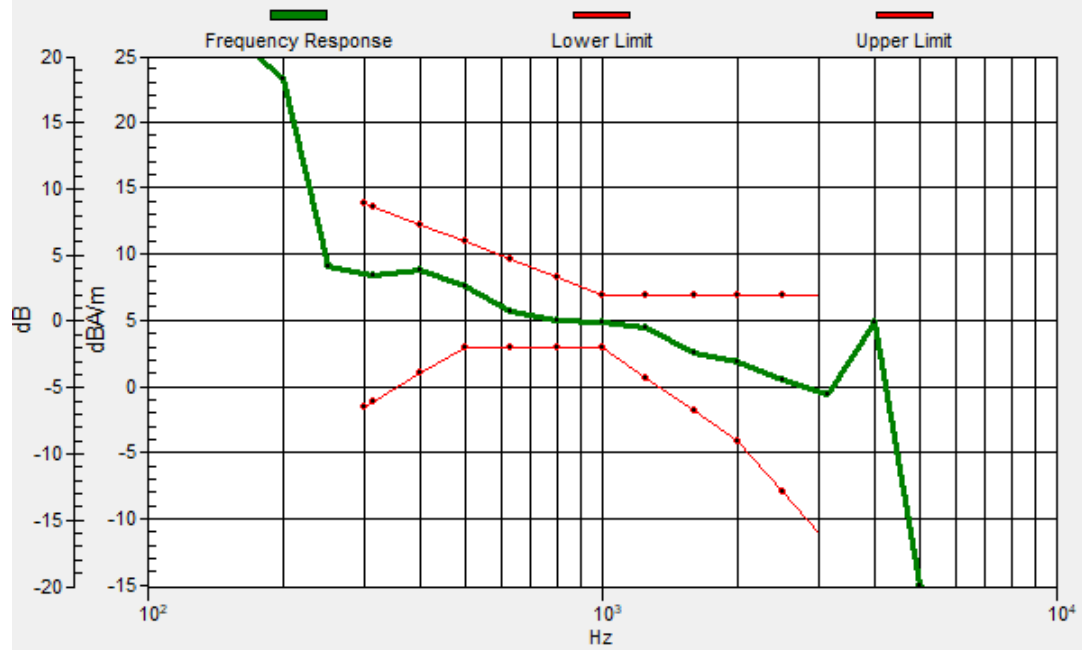
ABM1 comp = -0.10 dBA/m

Location: 5.4, -12.4, 3.7 mm



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

Loc: 5.6, -12.3, 3.7 mm Diff: 2dB



**#06\_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 : 23.1 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3104; ; Calibrated: 2023/3/16
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

**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 = 44.36 dB

ABM1 comp = -6.98 dBA/m

Location: 6.1, -25, 3.7 mm



**#07\_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 : 23.1 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3104; ; Calibrated: 2023/3/16
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

**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 = 49.27 dB

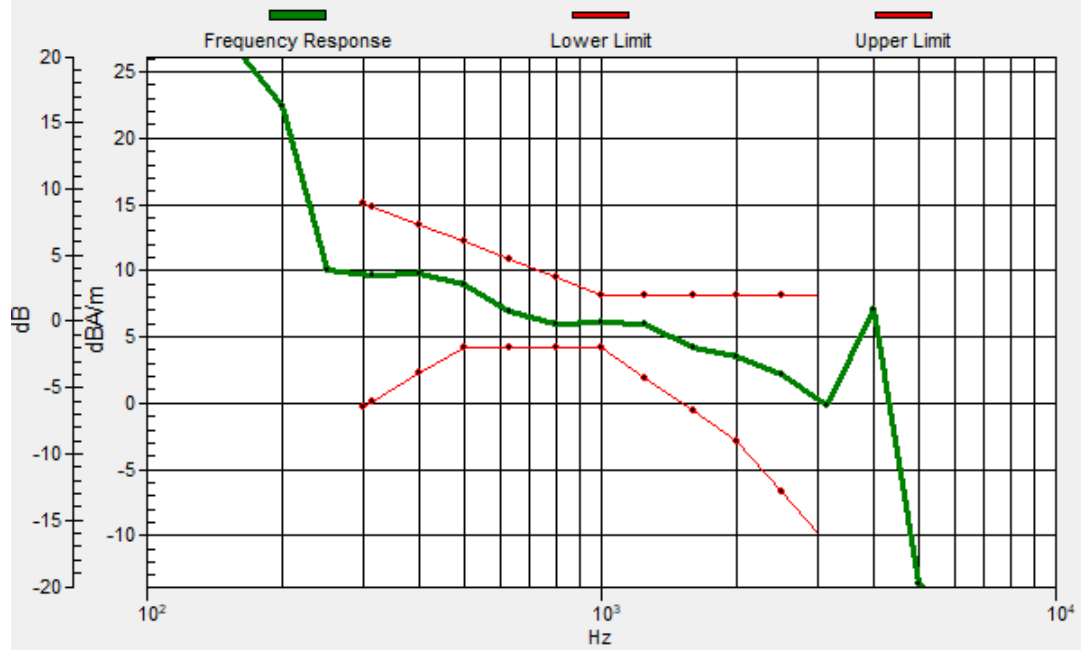
ABM1 comp = 3.84 dBA/m

Location: 10.3, -11, 3.7 mm



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

Loc: 10, -11.3, 3.7 mm Diff: 1.86dB



**#07\_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 : 23.1 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3104; ; Calibrated: 2023/3/16
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

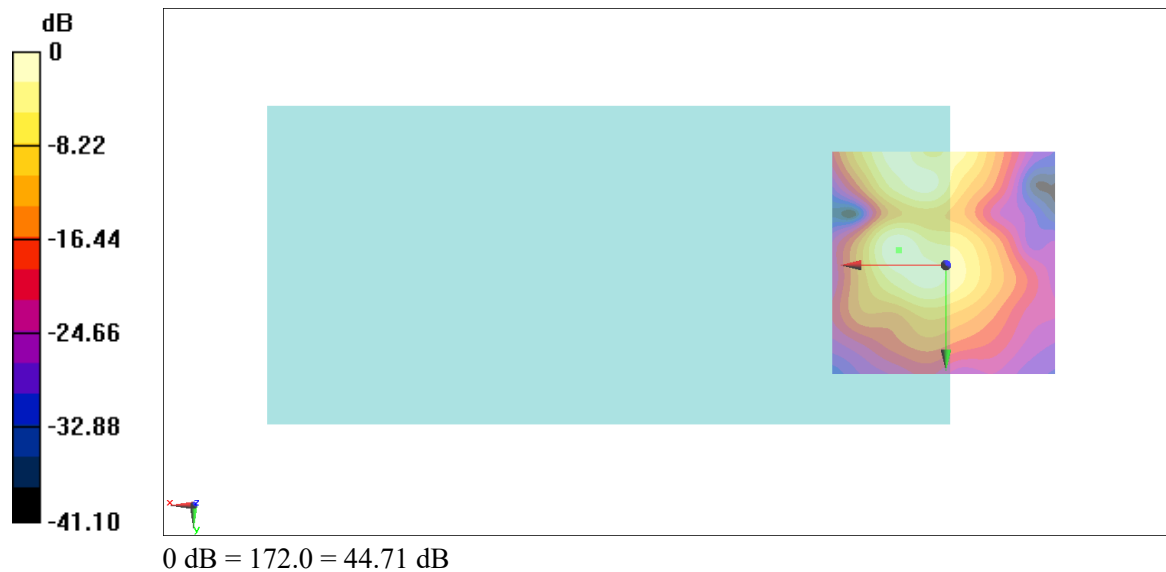
**General Scans/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):** Interpolated

grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 44.71 dB

ABM1 comp = -5.23 dBA/m

Location: 10.3, -3.3, 3.7 mm



**#08\_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 : 23.1 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3104; ; Calibrated: 2023/3/16
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**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 = 49.71 dB

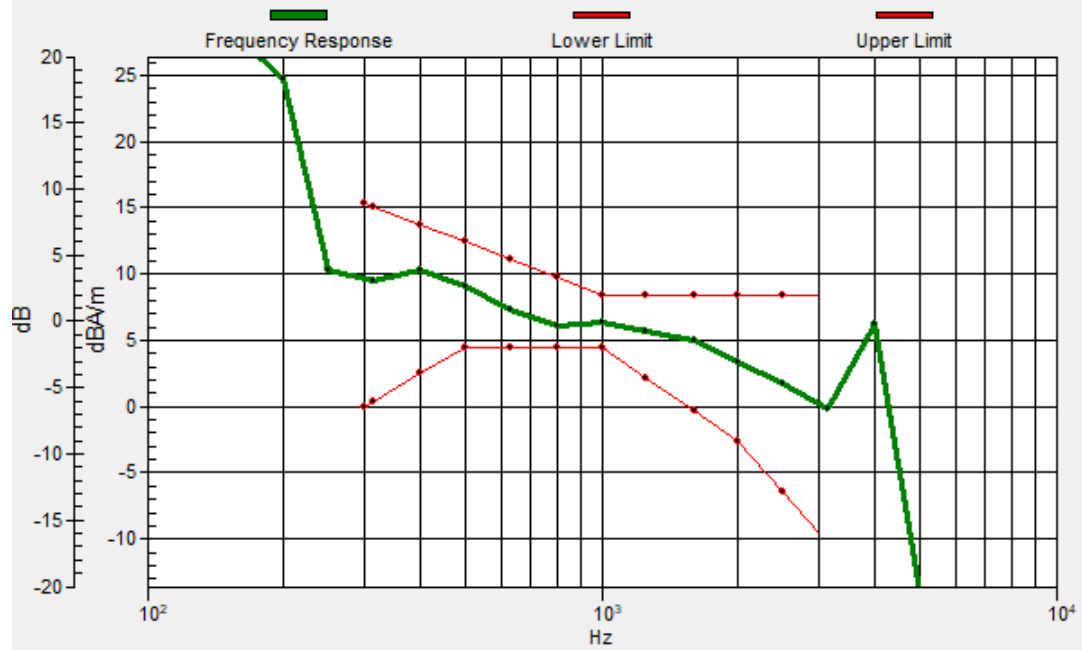
ABM1 comp = 3.87 dBA/m

Location: 8.9, -11, 3.7 mm



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

Loc: 9, -11.2, 3.7 mm Diff: 1.64dB



**#08\_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 : 23.1 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3104; ; Calibrated: 2023/3/16
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

**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 = 45.43 dB

ABM1 comp = -5.86 dBA/m

Location: 5.4, -3.3, 3.7 mm



**#09\_HAC\_T-Coil\_LTE Band 14\_10M\_QPSK\_1\_0\_Ch23330\_Axial (Z)**

Communication System: LTE; Frequency: 793 MHz

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

Ambient Temperature : 23.1 °C; Liquid Temperature : 22.1 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3104; ; Calibrated: 2023/3/16
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

**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 = 49.45 dB

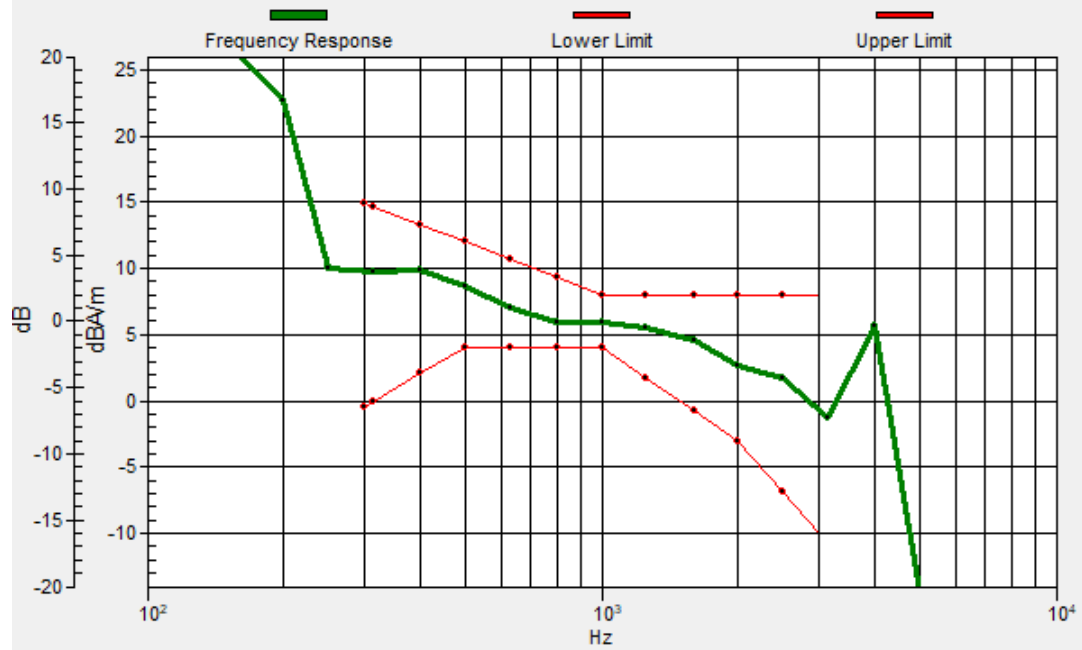
ABM1 comp = 4.06 dBA/m

Location: 10.3, -11.7, 3.7 mm



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

Loc: 10.4, -11.4, 3.7 mm Diff: 1.92dB



**#09\_HAC\_T-Coil\_LTE Band 14\_10M\_QPSK\_1\_0\_Ch23330\_Transversal (Y)**

Communication System: LTE; Frequency: 793 MHz

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

Ambient Temperature : 23.1 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3104; ; Calibrated: 2023/3/16
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

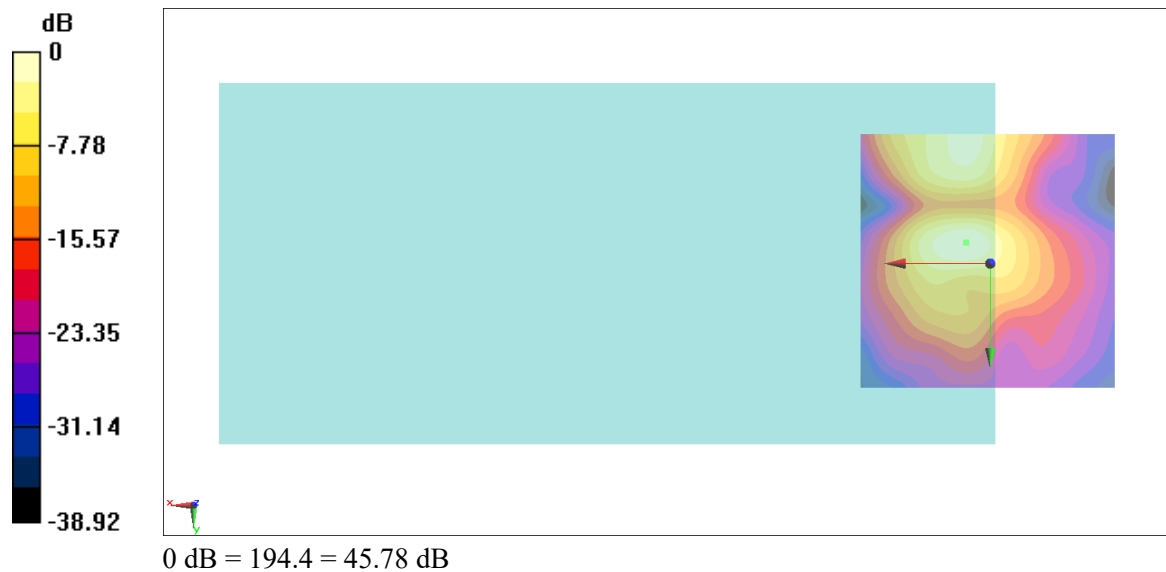
**General Scans/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):** Interpolated

grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 45.78 dB

ABM1 comp = -5.45 dBA/m

Location: 4.7, -4, 3.7 mm



**#10\_HAC\_T-Coil\_LTE Band 25\_20M\_QPSK\_1\_0\_Ch26340\_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 : 23.6 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3104; ; Calibrated: 2023/3/16

- Sensor-Surface: 0mm (Fix Surface)

- Electronics: DAE3 Sn577; Calibrated: 2022/9/21

- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;

- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**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 = 47.16 dB

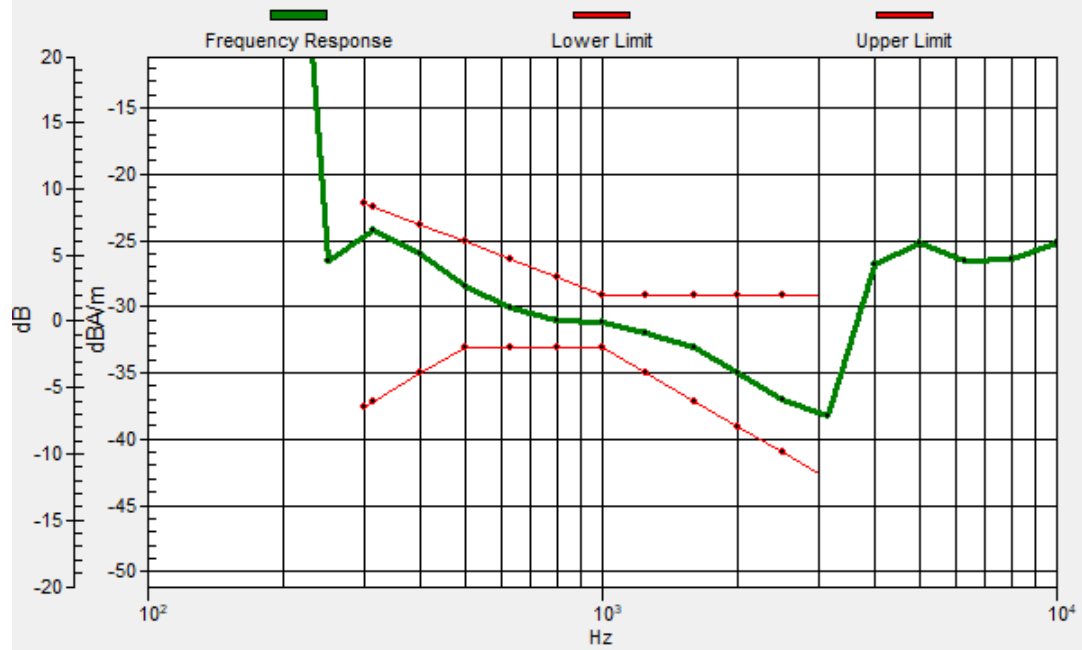
ABM1 comp = 1.62 dBA/m

Location: 10.3, -11, 3.7 mm



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

Loc: -24, -25, 3.7 mm Diff: 1.84dB



**#10\_HAC\_T-Coil\_LTE Band 25\_20M\_QPSK\_1\_0\_Ch26340\_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 : 23.6 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3104; ; Calibrated: 2023/3/16
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

**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 = 41.94 dB

ABM1 comp = -8.37 dBA/m

Location: 4, -25, 3.7 mm



**#11\_HAC\_T-Coil\_LTE Band 26\_15M\_QPSK\_1\_0\_Ch26865\_Axial (Z)**

Communication System: LTE; Frequency: 831.5 MHz

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

Ambient Temperature : 23.1 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3104; ; Calibrated: 2023/3/16
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

**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 = 50.22 dB

ABM1 comp = 4.51 dBA/m

Location: 10.3, -11.7, 3.7 mm



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

Loc: 10.6, -11.6, 3.7 mm Diff: 1.68dB



**#11\_HAC\_T-Coil\_LTE Band 26\_15M\_QPSK\_1\_0\_Ch26865\_Transversal (Y)**

Communication System: LTE; Frequency: 831.5 MHz

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

Ambient Temperature : 23.1 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3104; ; Calibrated: 2023/3/16
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

**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 = 43.82 dB

ABM1 comp = -6.19 dBA/m

Location: 6.8, -18.7, 3.7 mm



**#12\_HAC\_T-Coil\_LTE Band 30\_10M\_QPSK\_1\_0\_Ch27710\_Axial (Z)**

Communication System: LTE; Frequency: 2310 MHz

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

Ambient Temperature : 23.1 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3104; ; Calibrated: 2023/3/16
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

**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 = 49.87 dB

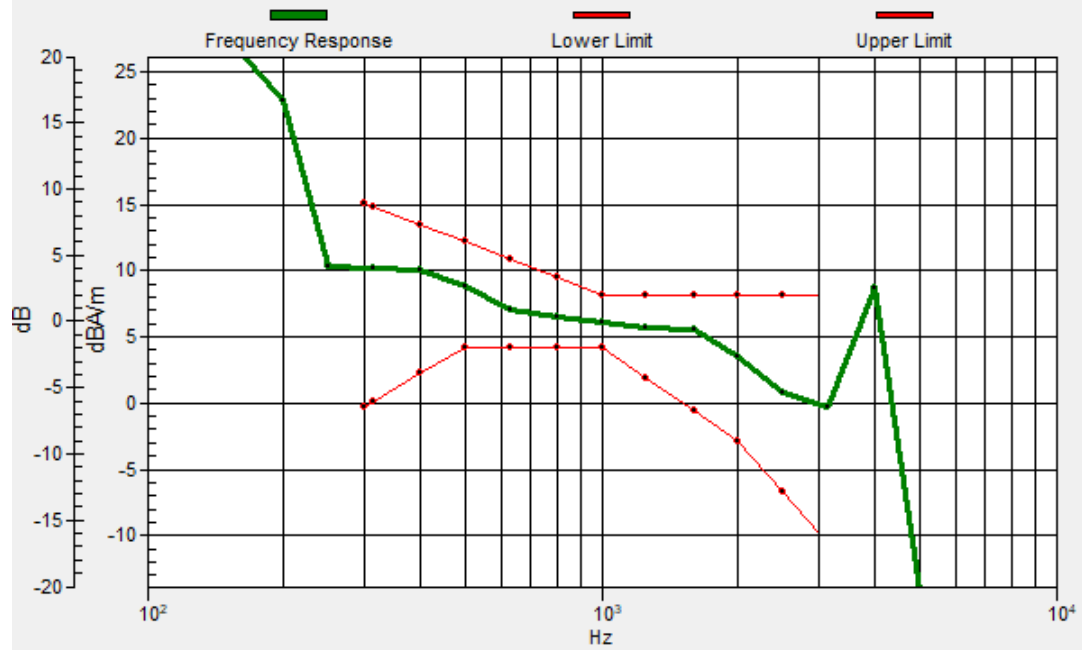
ABM1 comp = 4.41 dBA/m

Location: 10.3, -11.7, 3.7 mm



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

Loc: 10.5, -11.8, 3.7 mm Diff: 2dB



**#12\_HAC\_T-Coil\_LTE Band 30\_10M\_QPSK\_1\_0\_Ch27710\_Transversal (Y)**

Communication System: LTE; Frequency: 2310 MHz

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

Ambient Temperature : 23.1 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3104; ; Calibrated: 2023/3/16
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

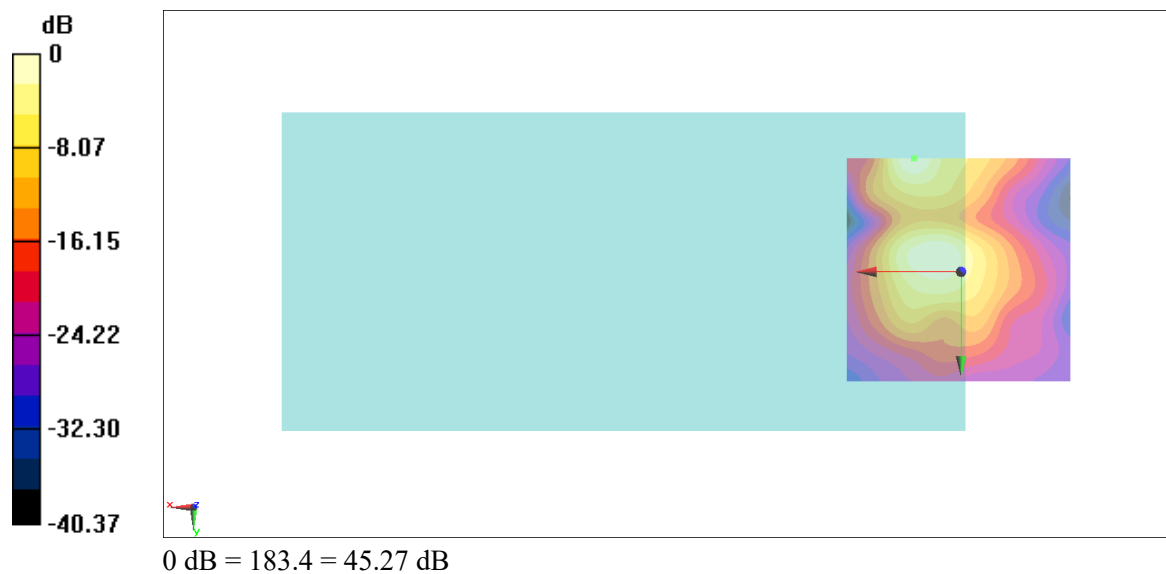
**General Scans/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):** Interpolated

grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 45.27 dB

ABM1 comp = -5.00 dBA/m

Location: 10.3, -25, 3.7 mm



**#13\_HAC\_T-Coil\_LTE Band 41\_20M\_QPSK\_1\_0\_Ch40620\_Axial (Z)**

Communication System: LTE ; Frequency: 2593 MHz

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

Ambient Temperature : 23.6 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3104; ; Calibrated: 2023/3/16
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

**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 = 42.15 dB

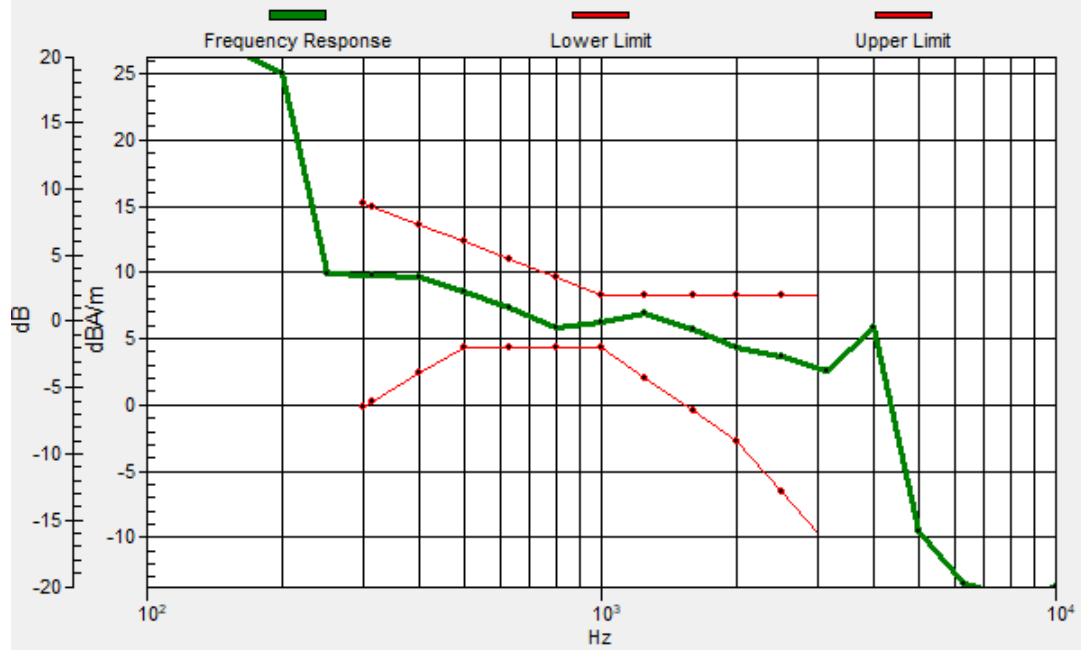
ABM1 comp = 1.57 dBA/m

Location: 7.5, -11.7, 3.7 mm



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

Loc: 7.2, -12, 3.7 mm Diff: 1.4dB



**#13\_HAC\_T-Coil\_LTE Band 41\_20M\_QPSK\_1\_0\_Ch40620\_Transversal (Y)**

Communication System: LTE ; Frequency: 2593 MHz

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

Ambient Temperature : 23.6 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3104; ; Calibrated: 2023/3/16
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

**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 = 39.70 dB

ABM1 comp = -9.81 dBA/m

Location: 4, 1.6, 3.7 mm



**#14\_HAC\_T-Coil\_LTE Band 48\_20M\_QPSK\_1\_0\_Ch55830\_Axial (Z)**

Communication System: LTE; Frequency: 3609 MHz

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

Ambient Temperature : 23.1 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3104; ; Calibrated: 2023/3/16
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

**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 = 43.08 dB

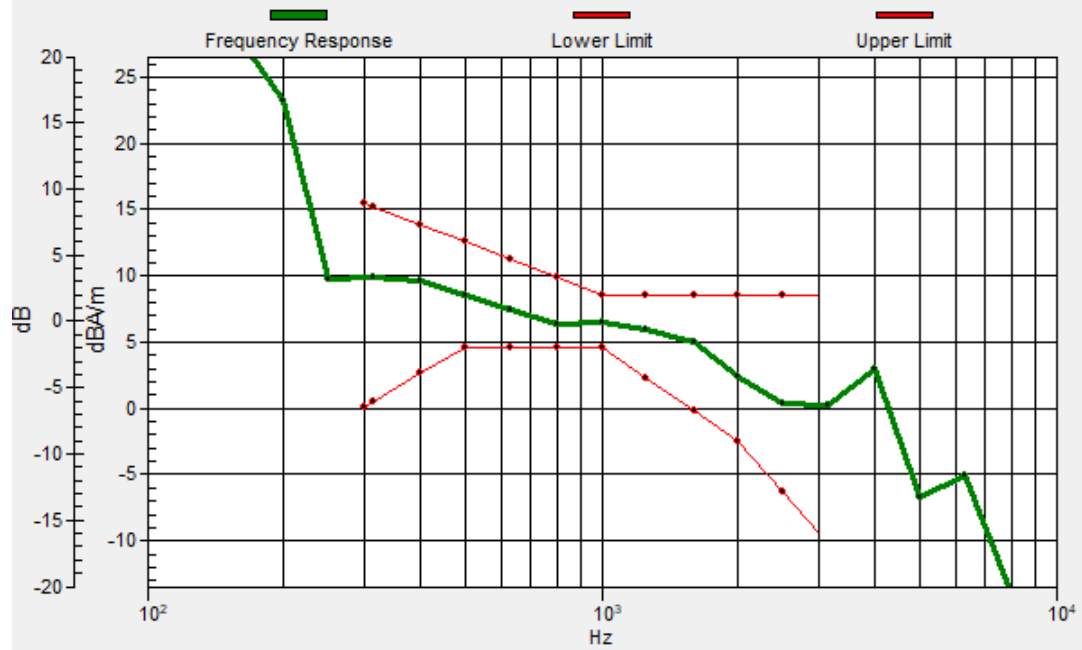
ABM1 comp = 0.41 dBA/m

Location: 9.6, -11, 3.7 mm



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

Loc: 9.9, -10.6, 3.7 mm Diff: 1.82dB



**#14\_HAC\_T-Coil\_LTE Band 48\_20M\_QPSK\_1\_0\_Ch55830\_Transversal (Y)**

Communication System: LTE; Frequency: 3609 MHz

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

Ambient Temperature : 23.1 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3104; ; Calibrated: 2023/3/16
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

**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 = 39.29 dB

ABM1 comp = -9.41 dBA/m

Location: 5.4, -19.4, 3.7 mm



**#15\_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 : 23.1 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3104; ; Calibrated: 2023/3/16
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

**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 = 49.20 dB

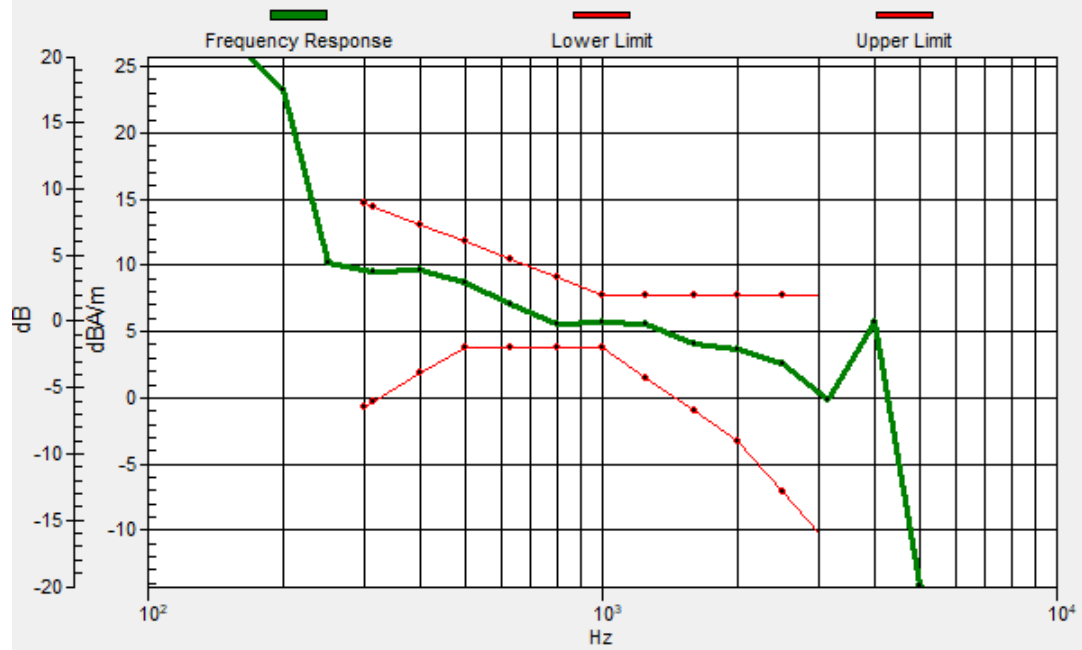
ABM1 comp = 3.69 dBA/m

Location: 9.6, -11.7, 3.7 mm



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

Loc: 9.9, -11.8, 3.7 mm Diff: 1.78dB



**#15\_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 : 23.1 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3104; ; Calibrated: 2023/3/16
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

**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 = 44.15 dB

ABM1 comp = -6.00 dBA/m

Location: 4.7, -19.4, 3.7 mm



**#16\_HAC\_T-Coil\_LTE Band 71\_20M\_QPSK\_1\_0\_Ch133297\_Axial (Z)**

Communication System: LTE; Frequency: 680.5 MHz

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

Ambient Temperature : 23.1 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3104; ; Calibrated: 2023/3/16
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

**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 = 49.46 dB

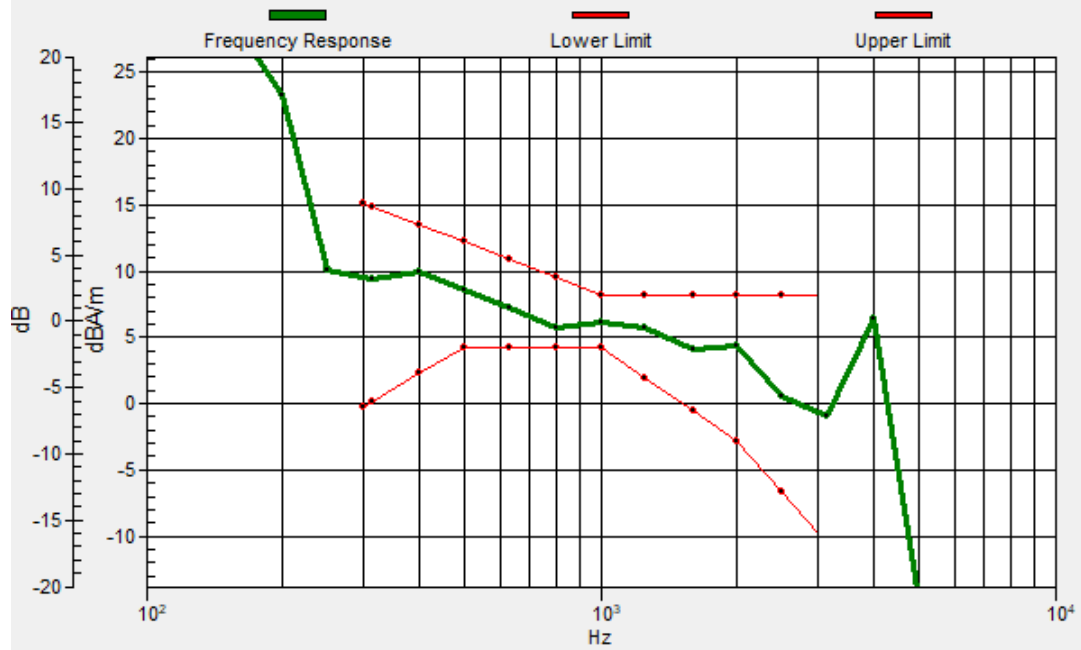
ABM1 comp = 3.76 dBA/m

Location: 10.3, -11, 3.7 mm



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

Loc: 10.1, -11, 3.7 mm Diff: 1.49dB



**#16\_HAC\_T-Coil\_LTE Band 71\_20M\_QPSK\_1\_0\_Ch133297\_Transversal (Y)**

Communication System: LTE; Frequency: 680.5 MHz

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

Ambient Temperature : 23.1 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3104; ; Calibrated: 2023/3/16
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

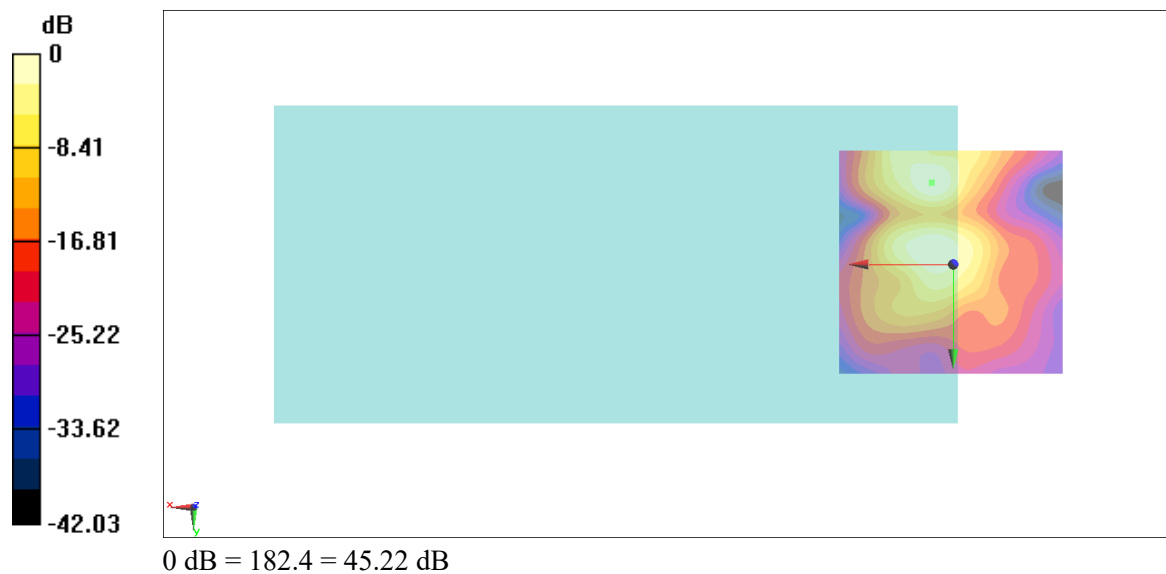
**General Scans/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):** Interpolated

grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 45.22 dB

ABM1 comp = -5.01 dBA/m

Location: 4.7, -18, 3.7 mm



**#17\_HAC\_T-Coil\_FR1 n7\_50M\_DFT-PI/2 BPSK\_1\_1\_Ch507000\_Axial (Z)**

Communication System: NR; Frequency: 2535 MHz

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

Ambient Temperature : 23.1 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3104; ; Calibrated: 2023/3/16
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

**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 = 48.01 dB

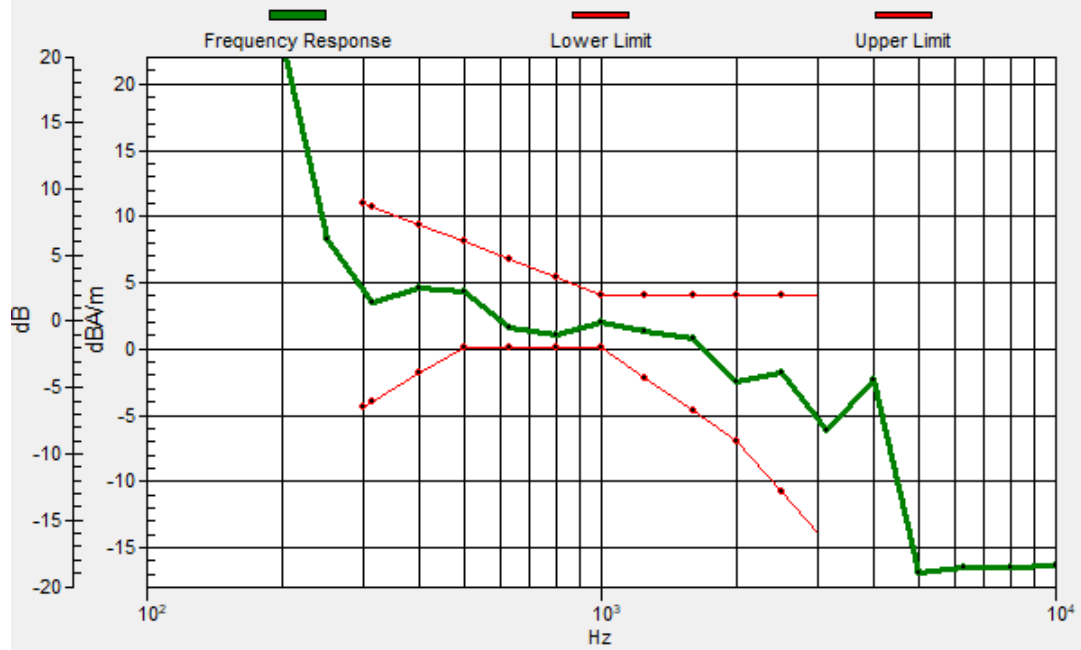
ABM1 comp = 4.16 dBA/m

Location: 10.3, -12.4, 3.7 mm



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

Loc: 10.2, -12.6, 3.7 mm Diff: 1.04dB



**#17\_HAC\_T-Coil\_FR1 n7\_50M\_DFT-PI/2 BPSK\_1\_1\_Ch507000\_Transversal (Y)**

Communication System: NR; Frequency: 2535 MHz

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

Ambient Temperature : 23.1 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3104; ; Calibrated: 2023/3/16
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

**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 = 44.15 dB

ABM1 comp = -5.33 dBA/m

BWC Factor = 0.14 dB

Location: 4.7, -19.4, 3.7 mm



**#18\_HAC\_T-Coil\_FR1 n12\_15M\_DFT-PI/2 BPSK\_1\_1\_Ch141500\_Axial (Z)**

Communication System: NR; 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 : 23.1 °C; Liquid Temperature : 22.1 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3104; ; Calibrated: 2023/3/16
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

**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 = 49.20 dB

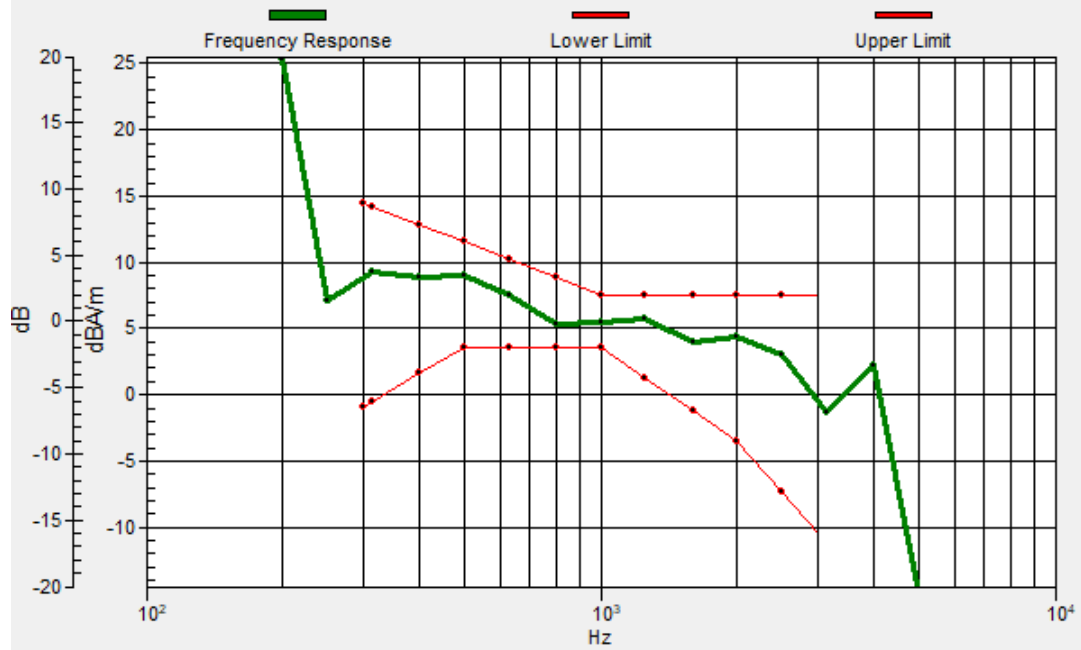
ABM1 comp = 5.21 dBA/m

Location: 8.9, -11, 3.7 mm



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

Loc: 8.8, -11.1, 3.7 mm Diff: 1.8dB



**#18\_HAC\_T-Coil\_FR1 n12\_15M\_DFT-PI/2 BPSK\_1\_1\_Ch141500\_Transversal (Y)**

Communication System: NR; 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 : 23.1 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3104; ; Calibrated: 2023/3/16
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

**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 = 45.52 dB

ABM1 comp = -4.24 dBA/m

BWC Factor = 0.14 dB

Location: 4, -3.3, 3.7 mm



**#19\_HAC\_T-Coil\_FR1 n25\_40M\_DFT-PI/2 BPSK\_1\_1\_Ch376500\_Axial (Z)**

Communication System: NR; Frequency: 1882.5 MHz

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

Ambient Temperature : 23.1 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3104; ; Calibrated: 2023/3/16
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

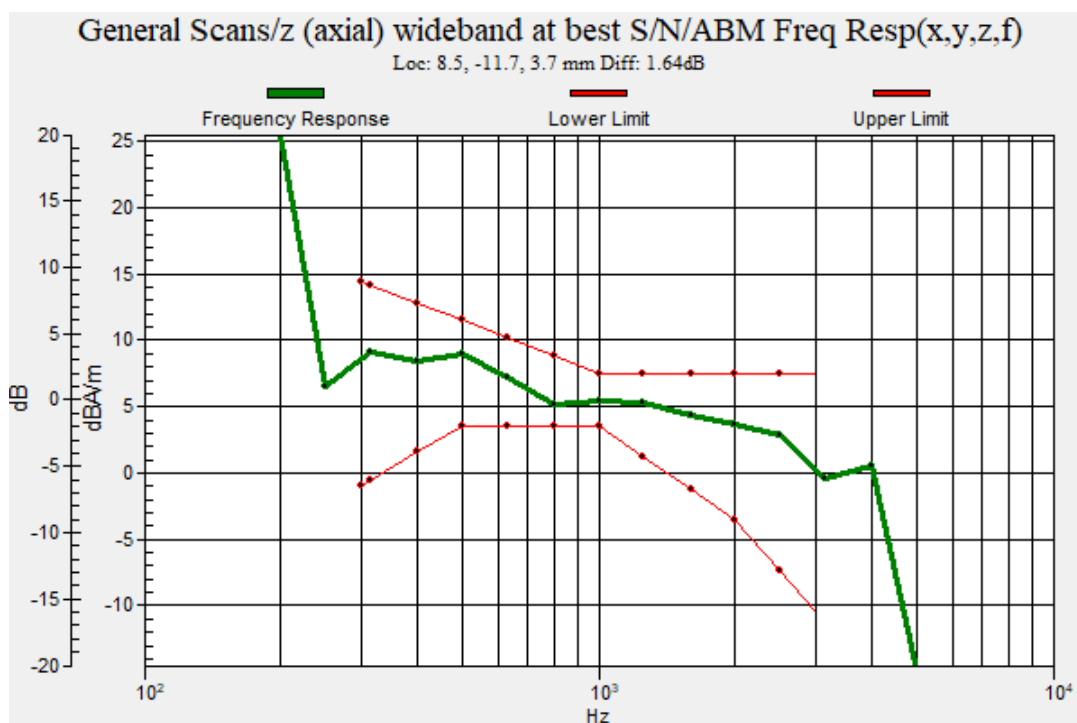
**General Scans/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):** Interpolated grid:

dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 48.36 dB

ABM1 comp = 4.42 dBA/m

Location: 8.2, -11.7, 3.7 mm



**#19\_HAC\_T-Coil\_FR1 n25\_40M\_DFT-PI/2 BPSK\_1\_1\_Ch376500\_Transversal (Y)**

Communication System: NR; Frequency: 1882.5 MHz

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

Ambient Temperature : 23.1 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3104; ; Calibrated: 2023/3/16
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

**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 = 45.20 dB

ABM1 comp = -4.55 dBA/m

Location: 4.7, -3.3, 3.7 mm



**#20\_HAC\_T-Coil\_FR1 n26\_20M\_DFT-PI/2 BPSK\_1\_1\_Ch166300\_Axial (Z)**

Communication System: NR; Frequency: 831.5 MHz

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

Ambient Temperature : 23.1 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3104; ; Calibrated: 2023/3/16
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

**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 = 49.08 dB

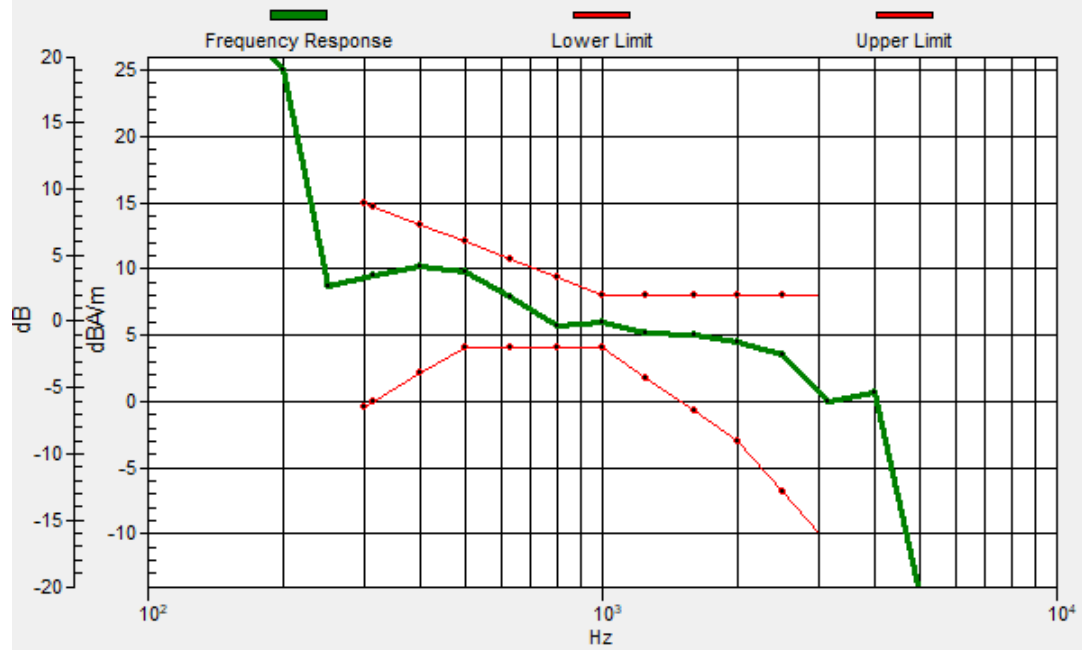
ABM1 comp = 5.56 dBA/m

Location: 8.9, -11.7, 3.7 mm



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

Loc: 9, -11.8, 3.7 mm Diff: 1.67dB



**#20\_HAC\_T-Coil\_FR1 n26\_20M\_DFT-PI/2 BPSK\_1\_1\_Ch166300\_Transversal (Y)**

Communication System: NR; Frequency: 831.5 MHz

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

Ambient Temperature : 23.1 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3104; ; Calibrated: 2023/3/16
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

**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 = 45.82 dB

ABM1 comp = -4.08 dBA/m

Location: 4.7, -3.3, 3.7 mm



**#21\_HAC\_T-Coil\_FR1 n30\_10M\_DFT-PI/2 BPSK\_1\_1\_Ch462000\_Axial (Z)**

Communication System: NR; Frequency: 2310 MHz

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

Ambient Temperature : 23.1 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3104; ; Calibrated: 2023/3/16
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

**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 = 49.22 dB

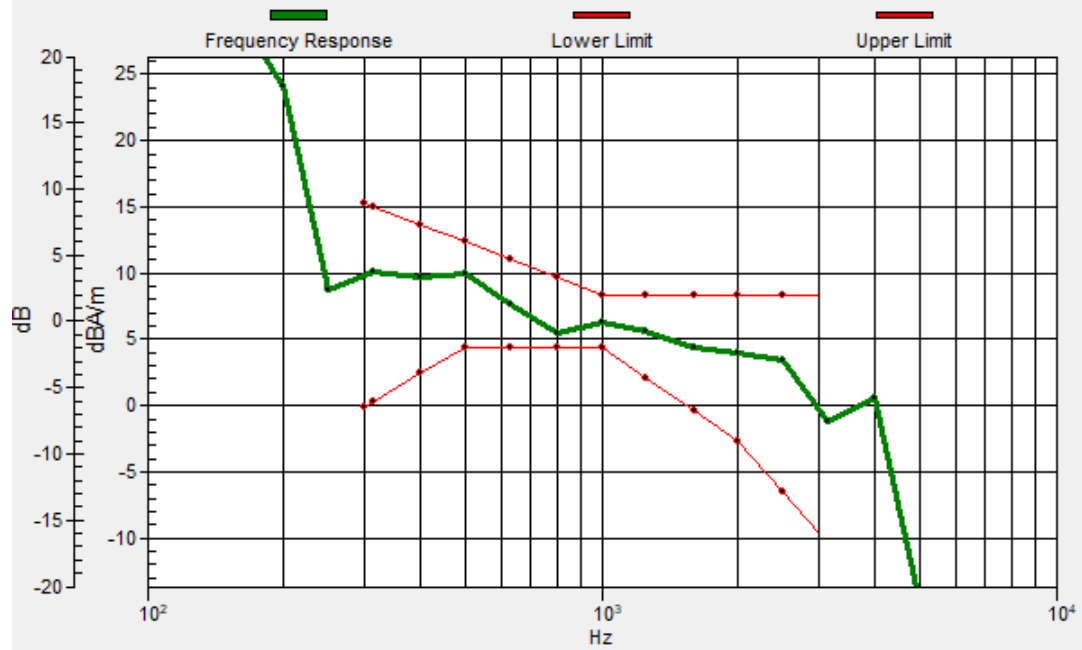
ABM1 comp = 5.53 dBA/m

Location: 8.9, -11.7, 3.7 mm



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

Loc: 8.9, -11.8, 3.7 mm Diff: 1.17dB



**#21\_HAC\_T-Coil\_FR1 n30\_10M\_DFT-PI/2 BPSK\_1\_1\_Ch462000\_Transversal (Y)**

Communication System: NR; Frequency: 2310 MHz

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

Ambient Temperature : 23.1 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3104; ; Calibrated: 2023/3/16
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

**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 = 45.69 dB

ABM1 comp = -4.20 dBA/m

Location: 4, -3.3, 3.7 mm



**#22\_HAC\_T-Coil\_FR1 n41\_100M\_DFT-PI/2 BPSK\_1\_1\_Ch518598\_Axial (Z)**

Communication System: NR; Frequency: 2592.99 MHz

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

Ambient Temperature : 23.1 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3104; ; Calibrated: 2023/3/16
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

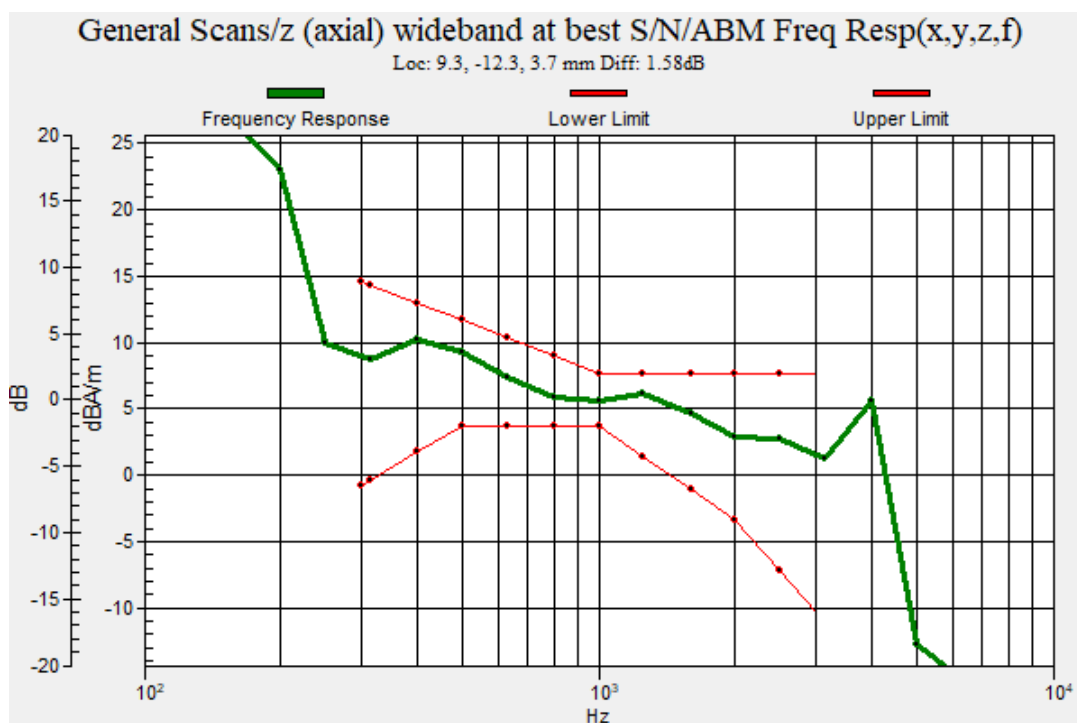
**General Scans/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):** Interpolated grid:

dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 42.77 dB

ABM1 comp = -0.36 dBA/m

Location: 9.6, -12.4, 3.7 mm



**#22\_HAC\_T-Coil\_FR1 n41\_100M\_DFT-PI/2 BPSK\_1\_1\_Ch518598\_Transversal (Y)**

Communication System: NR; Frequency: 2592.99 MHz

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

Ambient Temperature : 23.1 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3104; ; Calibrated: 2023/3/16
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

**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 = 40.78 dB

ABM1 comp = -5.99 dBA/m

Location: 11, -3.3, 3.7 mm



**#23\_HAC\_T-Coil\_FR1 n48\_40M\_DFT-PI/2 BPSK\_1\_1\_Ch641666\_Axial (Z)**

Communication System: NR; Frequency: 3624.99 MHz

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

Ambient Temperature : 23.1 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3104; ; Calibrated: 2023/3/16
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

**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 = 44.63 dB

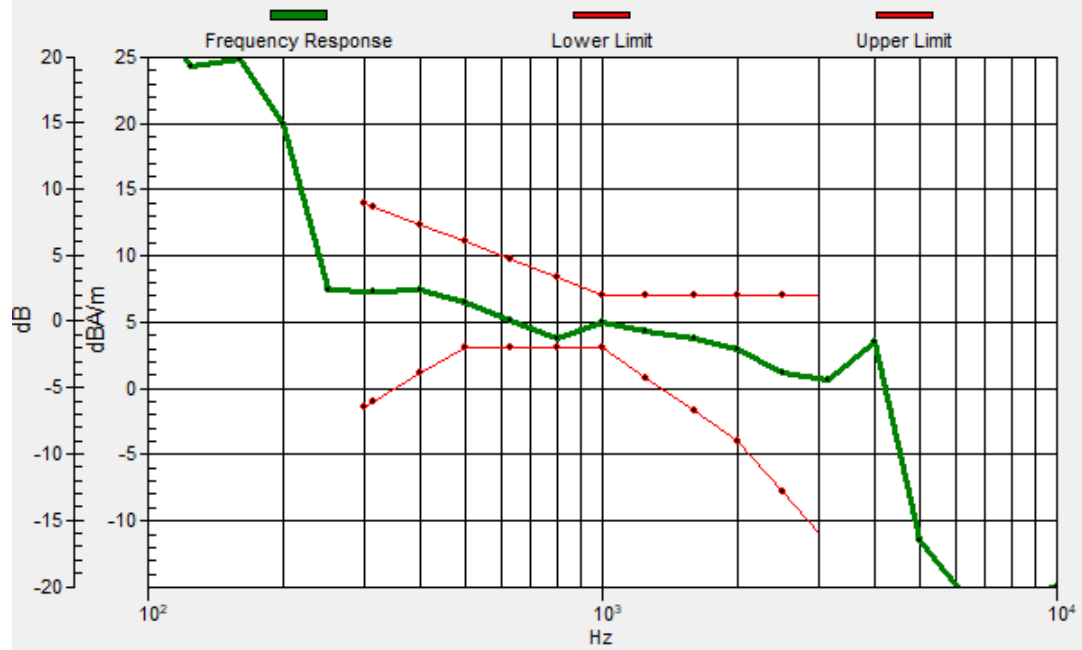
ABM1 comp = 1.96 dBA/m

Location: 4, -16.6, 3.7 mm



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

Loc: 4.1, -16.9, 3.7 mm Diff: 0.75dB



**#23\_HAC\_T-Coil\_FR1 n48\_40M\_DFT-PI/2 BPSK\_1\_1\_Ch641666\_Transversal (Y)**

Communication System: NR; Frequency: 3624.99 MHz

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

Ambient Temperature : 23.1 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3104; ; Calibrated: 2023/3/16
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

**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 = 40.74 dB

ABM1 comp = -8.64 dBA/m

Location: 2.6, -4, 3.7 mm



**#24\_HAC\_T-Coil\_FR1 n66\_40M\_DFT-PI/2 BPSK\_1\_1\_Ch349000\_Axial (Z)**

Communication System: NR; Frequency: 1745 MHz

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

Ambient Temperature : 23.1 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3104; ; Calibrated: 2023/3/16
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

**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 = 48.66 dB

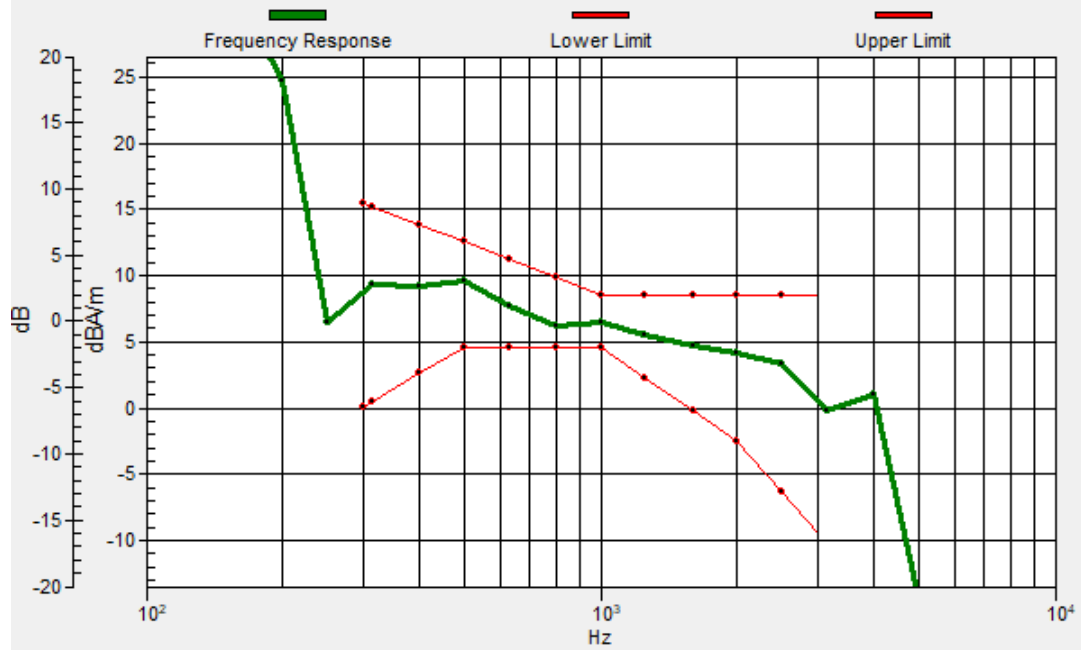
ABM1 comp = 5.16 dBA/m

Location: 8.2, -11.7, 3.7 mm



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

Loc: 8.5, -11.8, 3.7 mm Diff: 1.71dB



**#24\_HAC\_T-Coil\_FR1 n66\_40M\_DFT-PI/2 BPSK\_1\_1\_Ch349000\_Transversal (Y)**

Communication System: NR; Frequency: 1745 MHz

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

Ambient Temperature : 23.1 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3104; ; Calibrated: 2023/3/16
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

**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 = 45.48 dB

ABM1 comp = -4.10 dBA/m

Location: 4, -3.3, 3.7 mm



**#25\_HAC\_T-Coil\_FR1 n70\_15M\_DFT-PI/2 BPSK\_1\_1\_Ch340500\_Axial (Z)**

Communication System: NR; Frequency: 1702.5 MHz

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

Ambient Temperature : 23.1 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3104; ; Calibrated: 2023/3/16
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

**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 = 48.64 dB

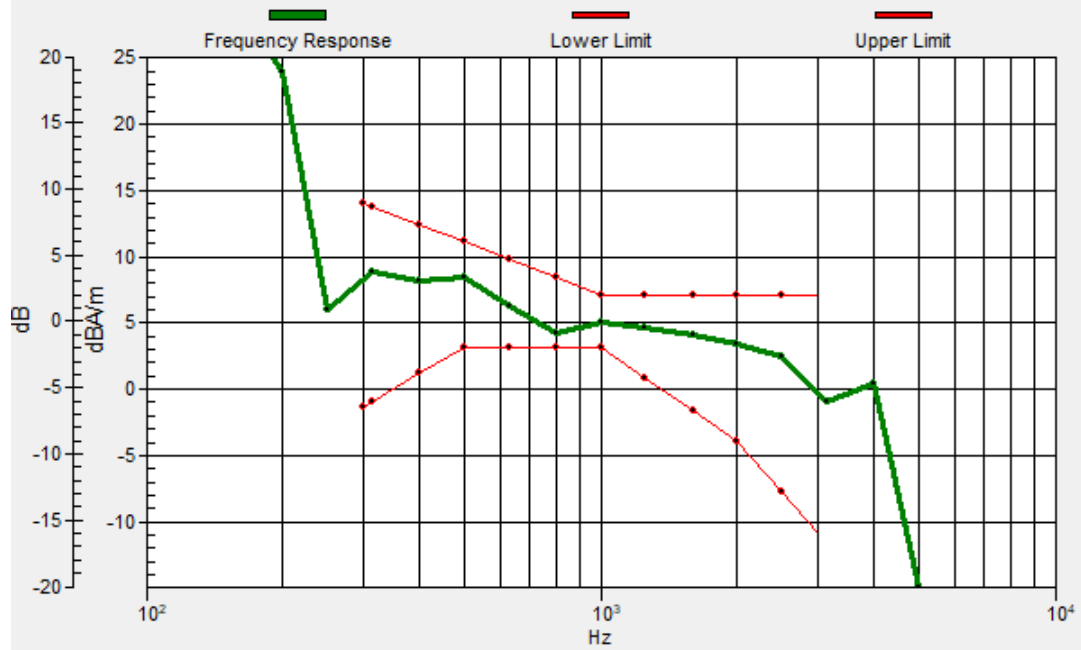
ABM1 comp = 4.56 dBA/m

Location: 9.6, -12.4, 3.7 mm



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

Loc: 9.3, -12.3, 3.7 mm Diff: 1.17dB



**#25\_HAC\_T-Coil\_FR1 n70\_15M\_DFT-PI/2 BPSK\_1\_1\_Ch340500\_Transversal (Y)**

Communication System: NR; Frequency: 1702.5 MHz

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

Ambient Temperature : 23.1 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3104; ; Calibrated: 2023/3/16
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

**TGeneral 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 = 44.91 dB

ABM1 comp = -5.28 dBA/m

Location: 4, -3.3, 3.7 mm



**#26\_HAC\_T-Coil\_FR1 n71\_20M\_DFT-PI/2 BPSK\_1\_1\_Ch136100\_Axial (Z)**

Communication System: NR; Frequency: 680.5 MHz

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

Ambient Temperature : 23.1 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3104; ; Calibrated: 2023/3/16
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

**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 = 48.23 dB

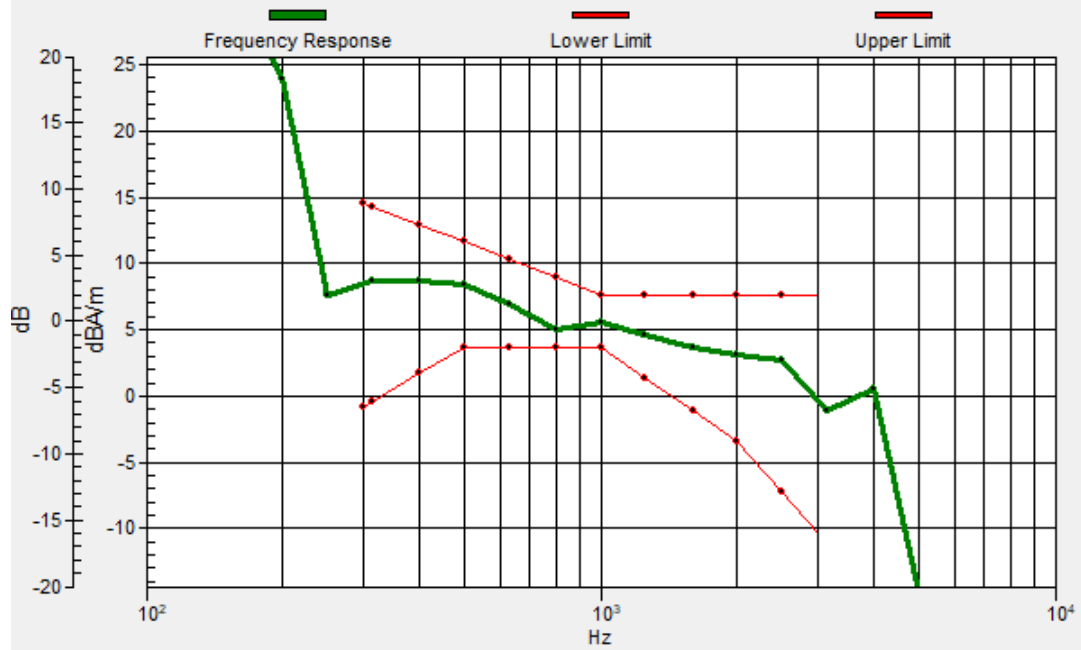
ABM1 comp = 4.42 dBA/m

Location: 8.9, -12.4, 3.7 mm



# General Scans/z (axial) wideband at best S/N 2/ABM Freq Resp(x,y,z,f)

Loc: 9, -12, 3.7 mm Diff: 1.35dB



**#26\_HAC\_T-Coil\_FR1 n71\_20M\_DFT-PI/2 BPSK\_1\_1\_Ch136100\_Transversal (Y)**

Communication System: NR; Frequency: 680.5 MHz

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

Ambient Temperature : 23.1 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3104; ; Calibrated: 2023/3/16
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

**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 = 45.16 dB

ABM1 comp = -5.16 dBA/m

Location: 4, -3.3, 3.7 mm



**#27\_HAC\_T-Coil\_FR1 n77\_100M\_DFT-PI/2 BPSK\_1\_1\_Ch656000\_Axial (Z)**

Communication System: NR; Frequency: 3840 MHz

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

Ambient Temperature : 23.1 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3104; ; Calibrated: 2023/3/16
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

**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 = 43.02 dB

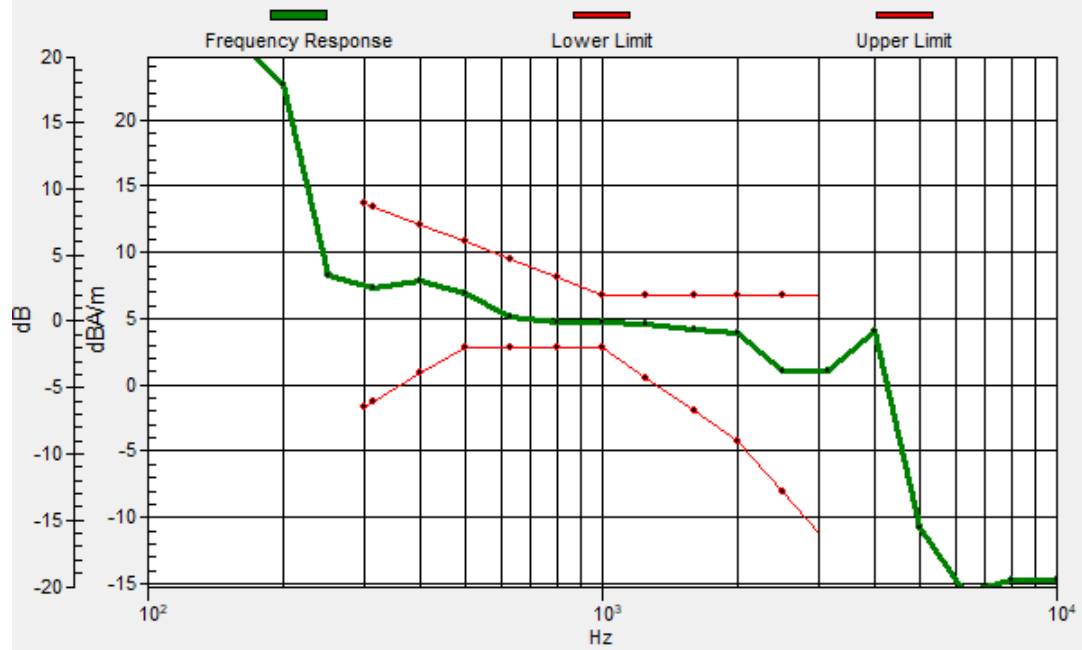
ABM1 comp = 0.69 dBA/m

Location: 4.7, -11.7, 3.7 mm



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

Loc: 4.3, -11.7, 3.7 mm Diff: 1.92dB



**#27\_HAC\_T-Coil\_FR1 n77\_100M\_DFT-PI/2 BPSK\_1\_1\_Ch656000\_Transversal (Y)**

Communication System: NR; Frequency: 3840 MHz

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

Ambient Temperature : 23.1 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3104; ; Calibrated: 2023/3/16
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

**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 = 40.88 dB

ABM1 comp = -10.71 dBA/m

Location: -1.6, -3.3, 3.7 mm



**#28\_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 : 23.6 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3104; ; Calibrated: 2023/3/16
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**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 = 40.65 dB

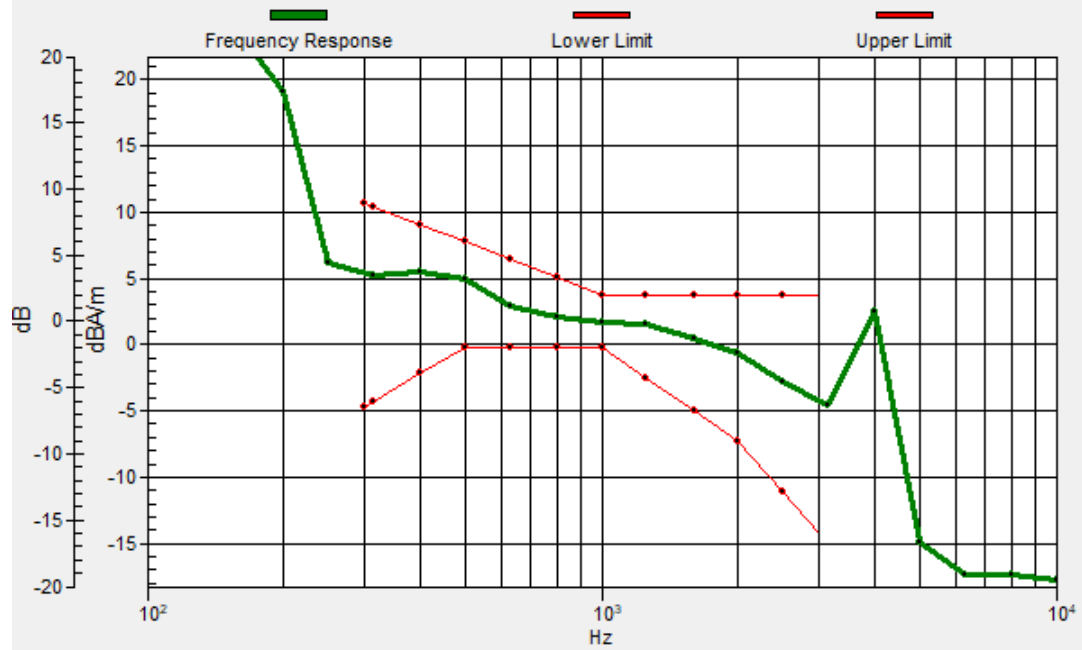
ABM1 comp = -3.85 dBA/m

Location: 11, -12.4, 3.7 mm



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

Loc: 10.8, -12.3, 3.7 mm Diff: 2dB



**#28\_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 : 23.6 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3104; ; Calibrated: 2023/3/16
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

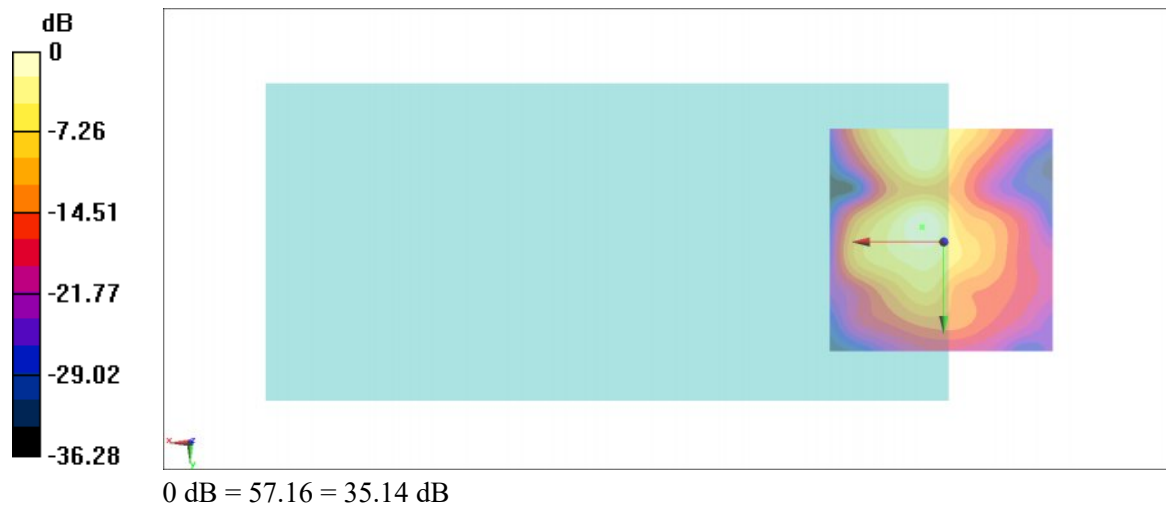
**General Scans/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):** Interpolated

grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 35.14 dB

ABM1 comp = -12.26 dBA/m

Location: 4.7, -3.3, 3.7 mm



**#29\_HAC\_T-Coil\_WLAN5GHz\_802.11a 6Mbps\_Ch40\_Axial (Z)**

Communication System: 802.11a; Frequency: 5200 MHz

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

Ambient Temperature : 23.1 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3104; ; Calibrated: 2023/3/16
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

**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 = 42.84 dB

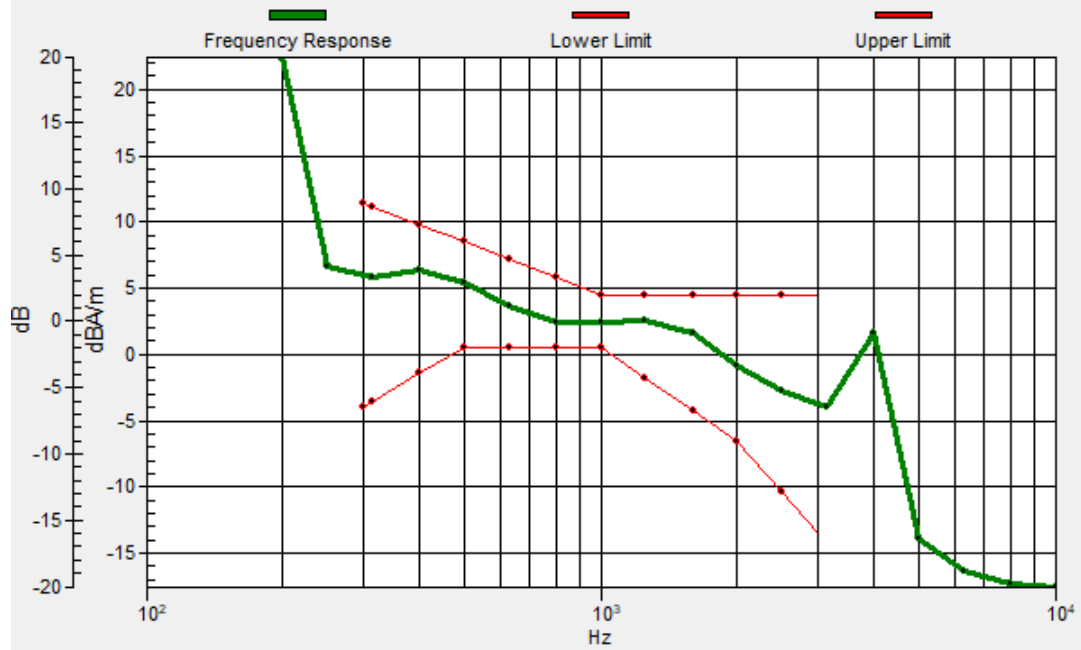
ABM1 comp = -2.03 dBA/m

Location: 6.1, -12.4, 3.7 mm



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

Loc: 6.4, -12.7, 3.7 mm Diff: 1.92dB



**#29\_HAC\_T-Coil\_WLAN5GHz\_802.11a 6Mbps\_Ch40\_Transversal (Y)**

Communication System: 802.11a; Frequency: 5200 MHz

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

Ambient Temperature : 23.1 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3104; ; Calibrated: 2023/3/16
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

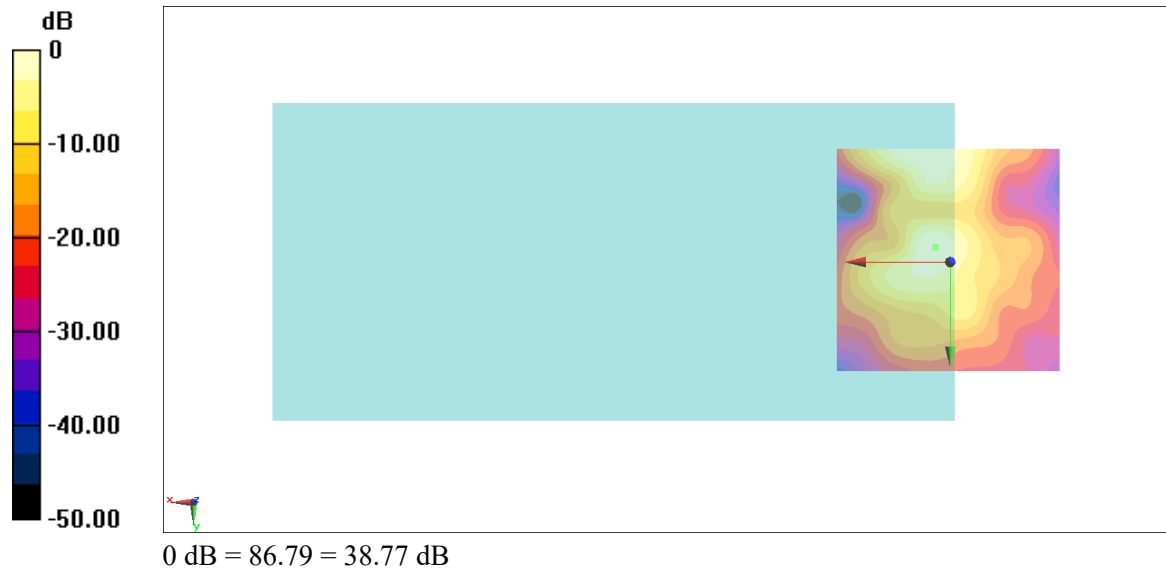
**General Scans/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):** Interpolated

grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 38.77 dB

ABM1 comp = -9.68 dBA/m

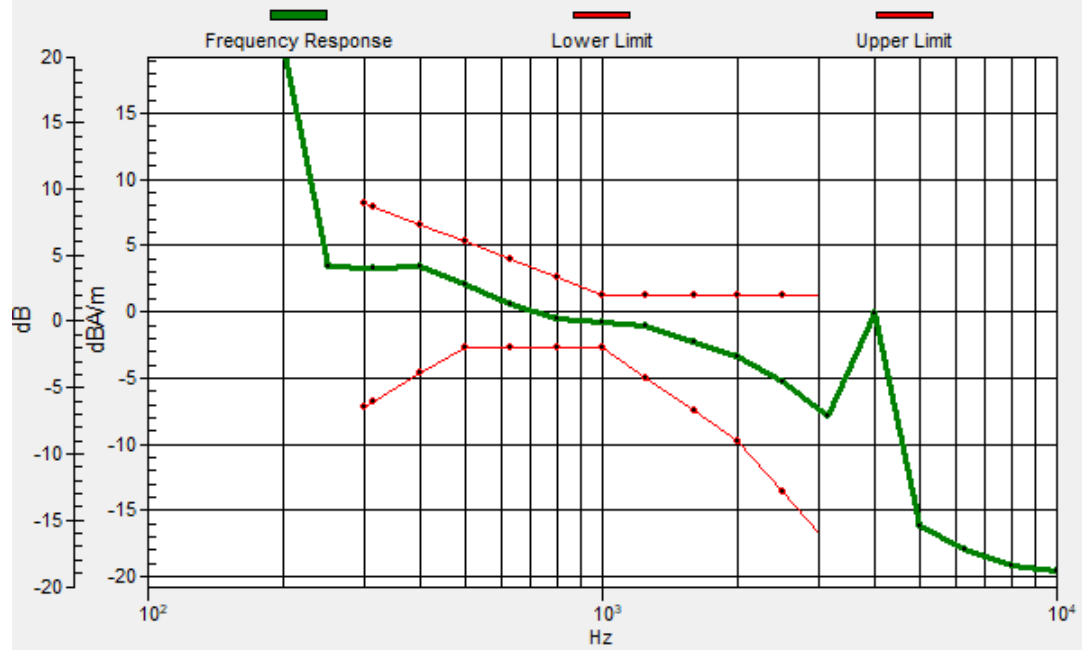
Location: 3.3, -3.3, 3.7 mm





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

Loc: 4.1, -11.4, 3.7 mm Diff: 2dB



**#30\_HAC\_T-Coil\_WLAN5GHz\_802.11a 6Mbps\_Ch60\_Transversal (Y)**

Communication System: 802.11a; Frequency: 5300 MHz

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

Ambient Temperature : 23.1 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3104; ; Calibrated: 2023/3/16
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

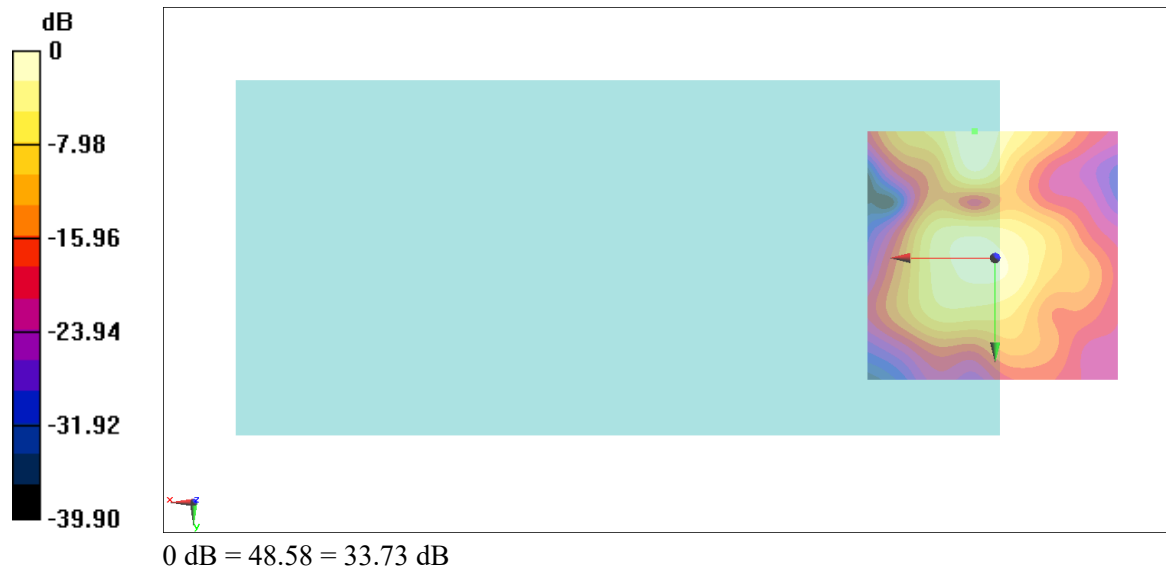
**General Scans/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):** Interpolated

grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 33.73 dB

ABM1 comp = -10.79 dBA/m

Location: 4, -25, 3.7 mm



**#31\_HAC\_T-Coil\_WLAN5GHz\_802.11a 6Mbps\_Ch116\_Axial (Z)**

Communication System: 802.11a; Frequency: 5580 MHz

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

Ambient Temperature : 23.1 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3104; ; Calibrated: 2023/3/16
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

**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 = 42.48 dB

ABM1 comp = -2.67 dBA/m

Location: 4.7, -13.1, 3.7 mm



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

Loc: 4.5, -13.2, 3.7 mm Diff: 1.59dB



**#31\_HAC\_T-Coil\_WLAN5GHz\_802.11a 6Mbps\_Ch116\_Transversal (Y)**

Communication System: 802.11a; Frequency: 5580 MHz

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

Ambient Temperature : 23.1 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3104; ; Calibrated: 2023/3/16
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

**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 = 34.16 dB

ABM1 comp = -10.21 dBA/m

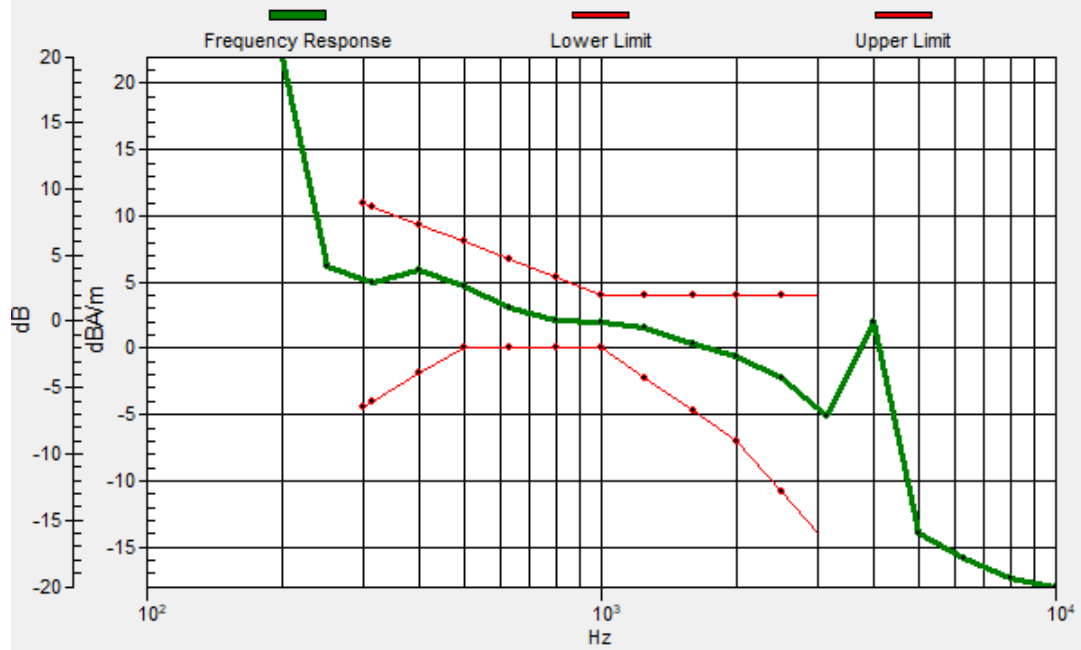
Location: 9.6, -25, 3.7 mm





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

Loc: 8.2, -11.4, 3.7 mm Diff: 2dB



**#32\_HAC\_T-Coil\_WLAN5GHz\_802.11a 6Mbps\_Ch157\_Transversal (Y)**

Communication System: 802.11a; Frequency: 5785 MHz

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

Ambient Temperature : 23.1 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3104; ; Calibrated: 2023/3/16
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

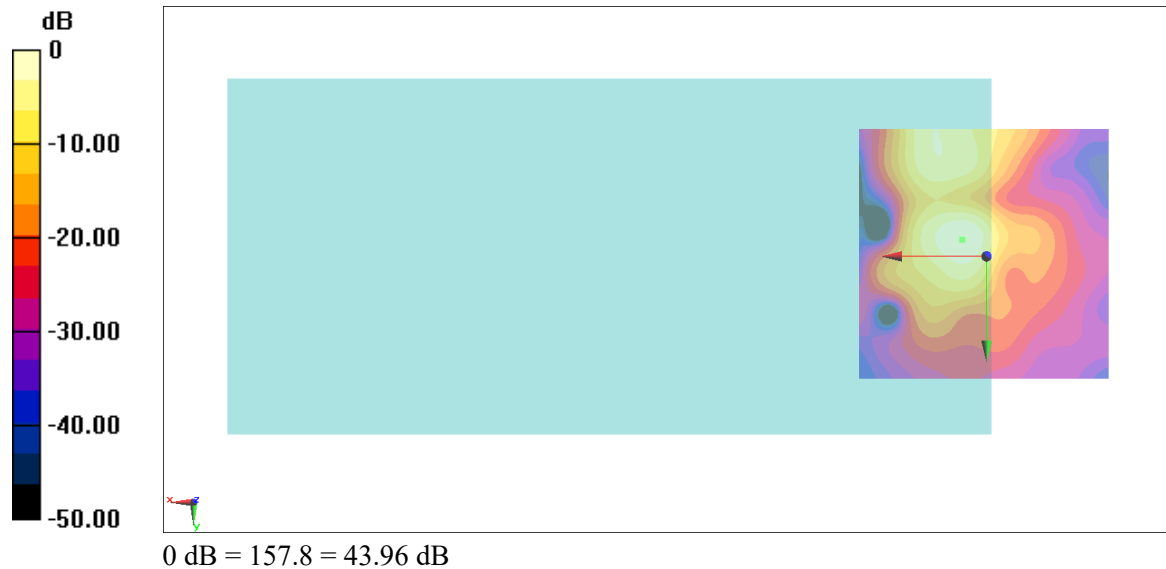
**General Scans/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):** Interpolated

grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 43.96 dB

ABM1 comp = -8.48 dBA/m

Location: 4.7, -3.3, 3.7 mm



**#33\_HAC\_T-Coil\_WLAN5GHz\_802.11a 6Mbps\_Ch173\_Axial (Z)**

Communication System: 802.11a; Frequency: 5865 MHz

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 - 3104; ; Calibrated: 2023/3/16
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

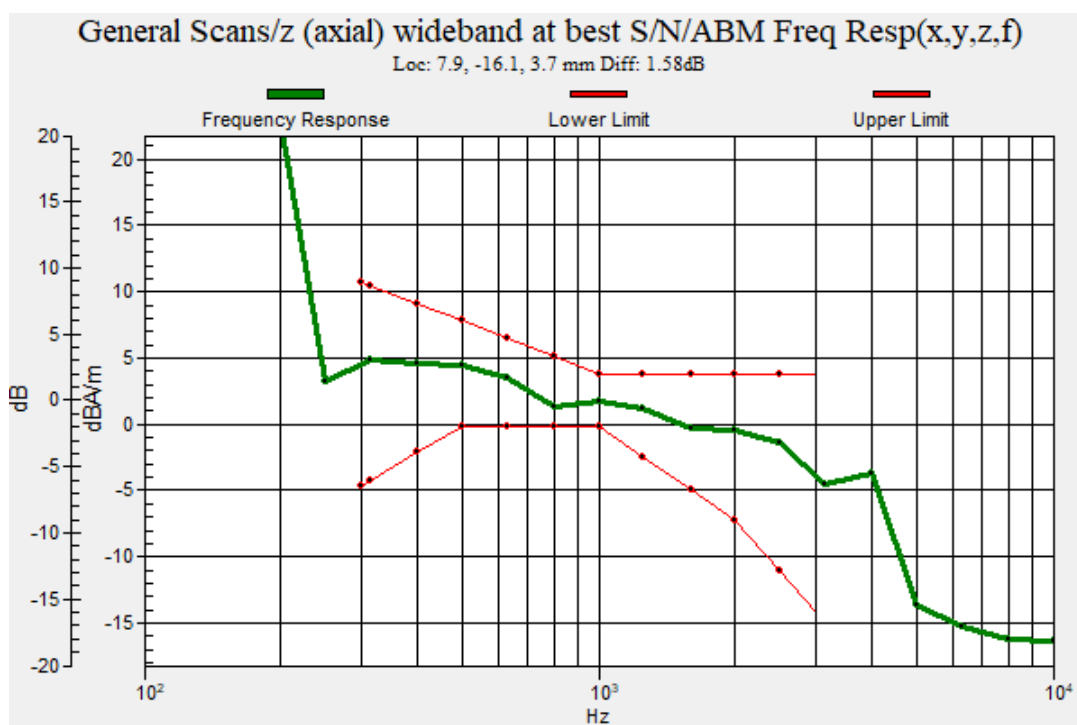
**General Scans/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):** Interpolated grid:

dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 40.82 dB

ABM1 comp = 0.40 dBA/m

Location: 8.2, -15.9, 3.7 mm



**#33\_HAC\_T-Coil\_WLAN5GHz\_802.11a 6Mbps\_Ch173\_Transversal (Y)**

Communication System: 802.11a; Frequency: 5865 MHz

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 - 3104; ; Calibrated: 2023/3/16
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

**General Scans/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (71x71x1):** Interpolated grid:

dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 37.58 dB

ABM1 comp = -9.16 dBA/m

Location: 4, -25, 3.7 mm



**#34\_HAC\_T-Coil\_WLAN6GHz\_802.11a6Mbps\_Ch5\_Axial (Z)**

Communication System: 802.11ax; Frequency: 6515 MHz

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 - 3104; ; Calibrated: 2023/3/16
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

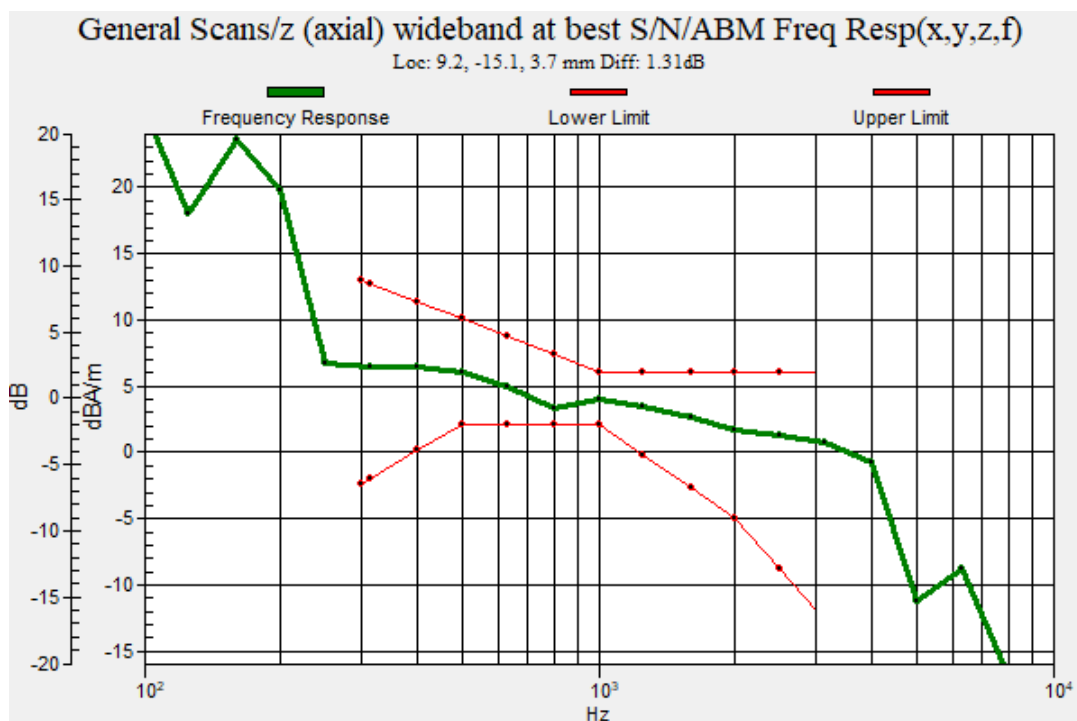
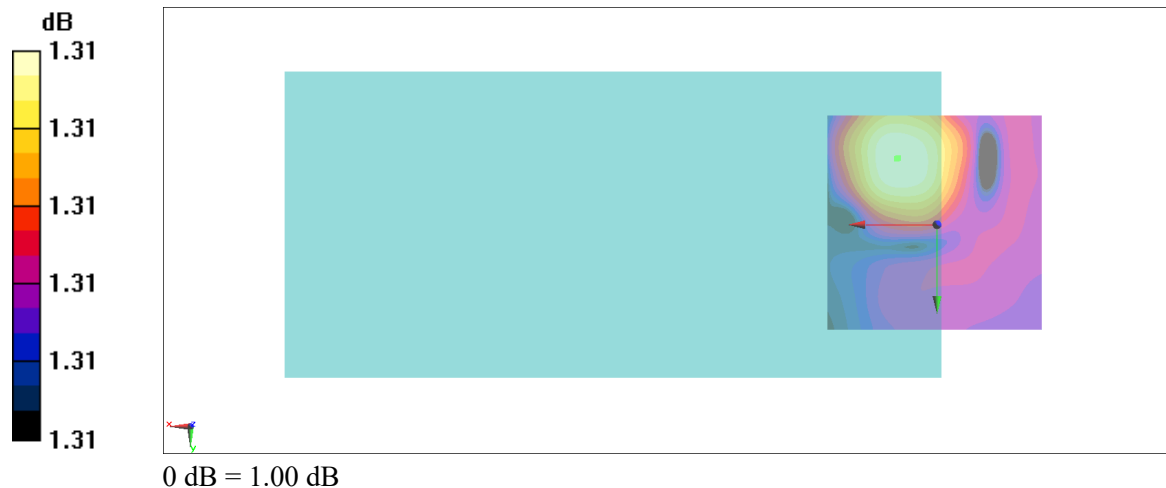
**General Scans/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):** Interpolated grid:

dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 42.91 dB

ABM1 comp = 1.43 dBA/m

Location: 8.9, -15.2, 3.7 mm



**#34\_HAC\_T-Coil\_WLAN6GHz\_802.11a6Mbps\_Ch5\_Transversal (Y)**

Communication System: 802.11ax; Frequency: 6515 MHz

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 - 3104; ; Calibrated: 2023/3/16
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

**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 = 39.05 dB

ABM1 comp = -5.25 dBA/m

Location: 10.3, -25, 3.7 mm



**#35\_HAC\_T-Coil\_GSM850\_EDGE 2 Tx slots\_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 : 23.1 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3104; ; Calibrated: 2023/3/16
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

**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 = 33.03 dB

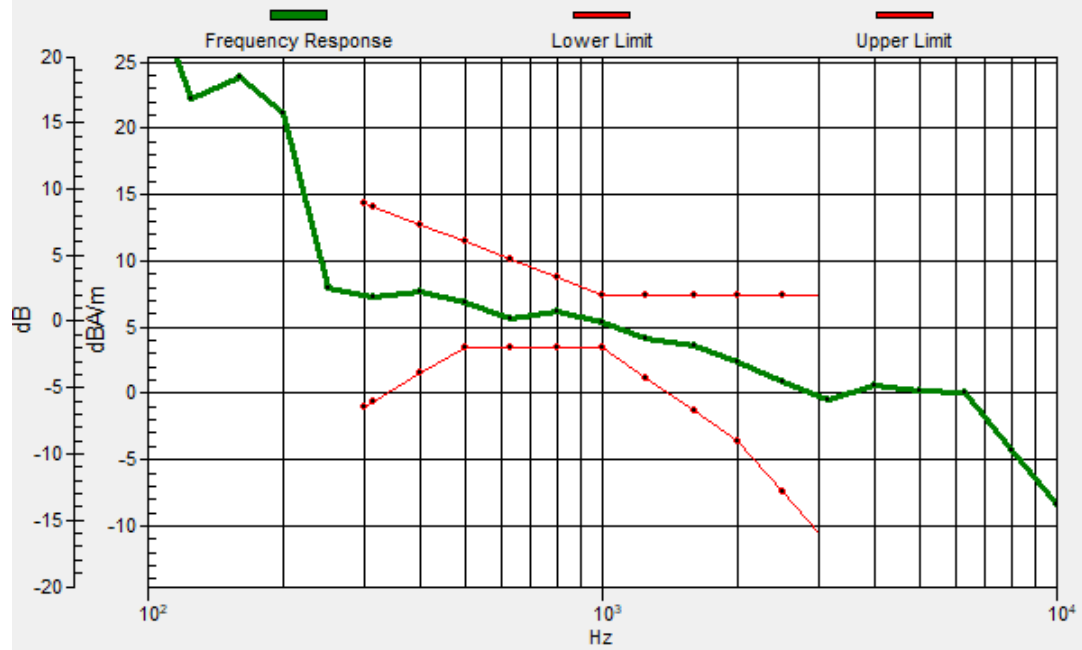
ABM1 comp = -4.59 dBA/m

Location: 10.3, -11.7, 3.7 mm



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

Loc: 10.6, -11.5, 3.7 mm Diff: 2dB



**#35\_HAC\_T-Coil\_GSM850\_EDGE 2 Tx slots\_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 : 23.1 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3104; ; Calibrated: 2023/3/16
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

**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 = 36.73 dB

ABM1 comp = -8.41 dBA/m

Location: 17.3, -4, 3.7 mm



**#36\_HAC\_T-Coil\_GSM1900\_EDGE 2 Tx slots\_Ch661\_Axial (Z)**

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:4.14954

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 - 3104; ; Calibrated: 2023/3/16
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

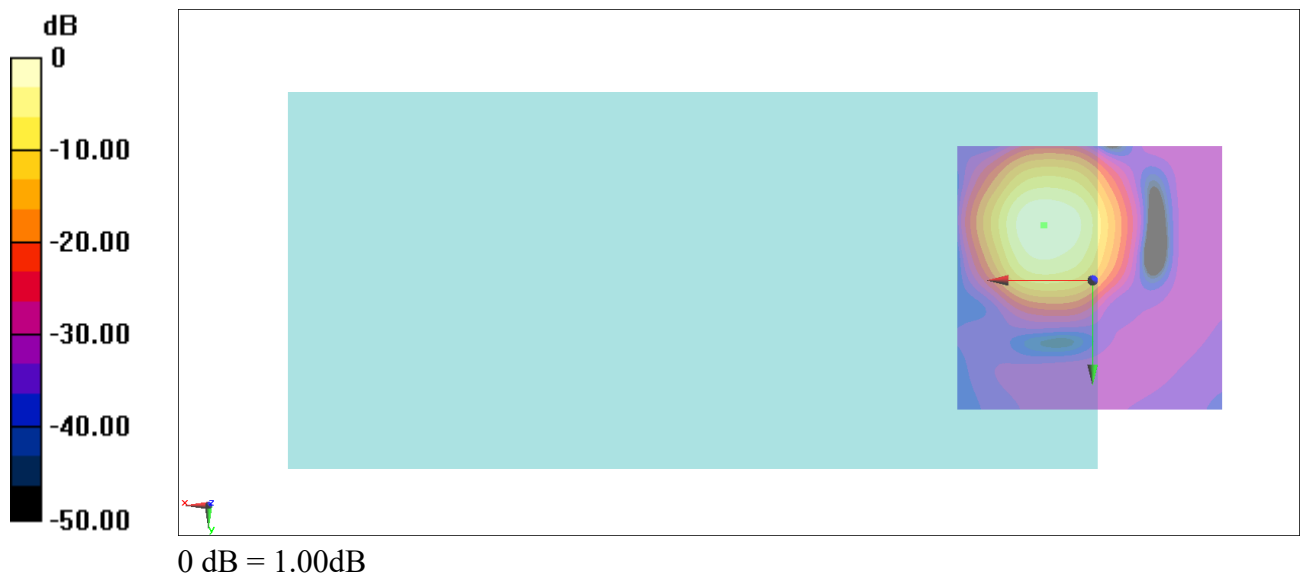
**General Scans/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):**

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

ABM1/ABM2 = 37.26 dB

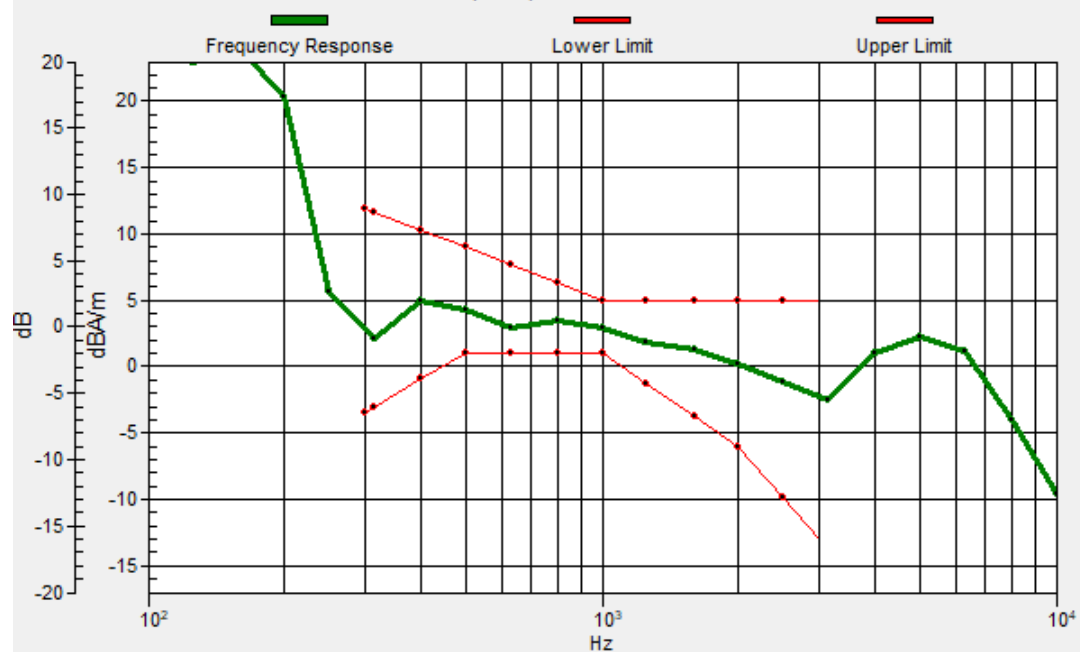
ABM1 comp = -0.17 dBA/m

Location: 8.9, -10.3, 3.7 mm



# General Scans/z (axial) wideband at best S/N 2/ABM Freq Resp(x,y,z,f)

Loc: 10.7, -16.9, 3.7 mm Diff: 1.97dB



**#36\_HAC\_T-Coil\_GSM1900\_EDGE 2 Tx slots\_Ch661\_Transversal (Y)**

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:4.14954

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 - 3104; ; Calibrated: 2023/3/16
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**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 = 42.98 dB

ABM1 comp = -4.38 dBA/m

Location: 4, -2.6, 3.7 mm



**#37\_HAC\_T-Coil\_WCDMA II\_HSPA\_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 : 23.1 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3104; ; Calibrated: 2023/3/16
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

**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 = 49.83 dB

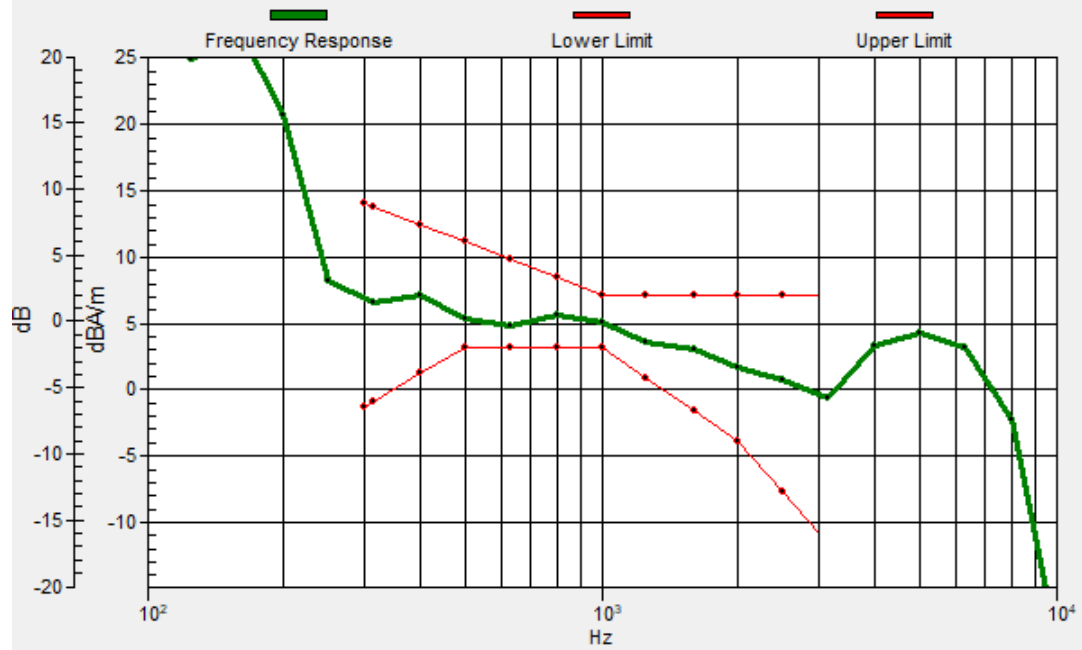
ABM1 comp = 6.99 dBA/m

Location: 9.6, -13.1, 3.7 mm



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

Loc: 9.3, -12.7, 3.7 mm Diff: 1.66dB



**#37\_HAC\_T-Coil\_WCDMA II\_HSPA\_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 : 23.1 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3104; ; Calibrated: 2023/3/16
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

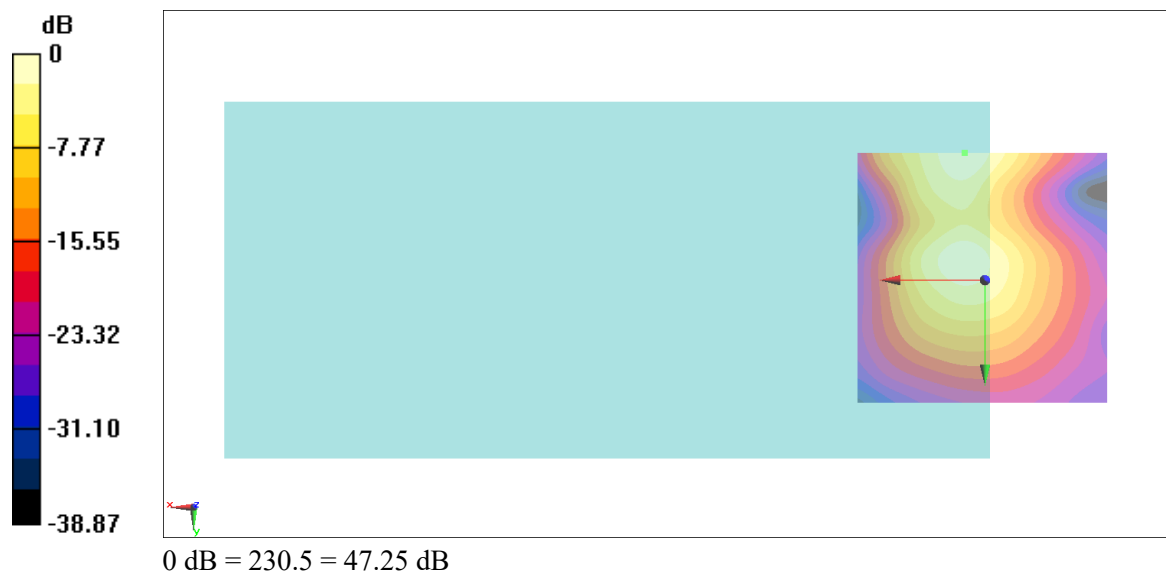
**General Scans/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):** Interpolated

grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 47.25 dB

ABM1 comp = -3.06 dBA/m

Location: 4, -25, 3.7 mm



**#38\_HAC\_T-Coil\_WCDMA IV\_HSPA\_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 : 23.1 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3104; ; Calibrated: 2023/3/16
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

**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 = 49.59 dB

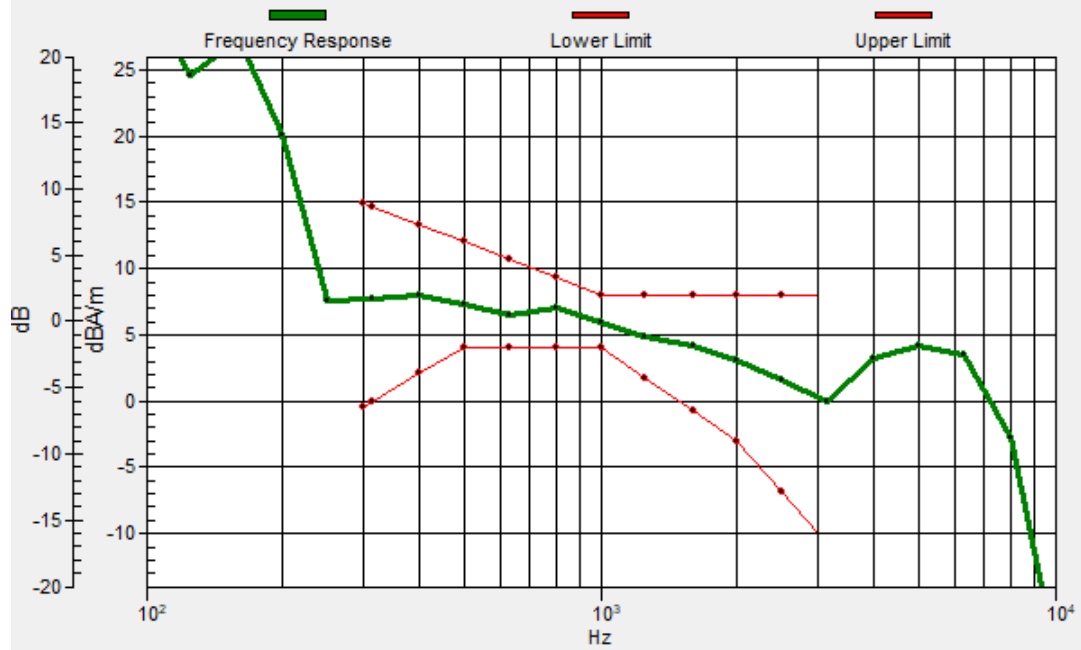
ABM1 comp = 6.90 dBA/m

Location: 9.6, -10.3, 3.7 mm



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

Loc: 9.5, -10.2, 3.7 mm Diff: 2dB



**#38\_HAC\_T-Coil\_WCDMA IV\_HSPA\_Ch1413\_Transversal (Y)**

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 : 23.1 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3104; ; Calibrated: 2023/3/16
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

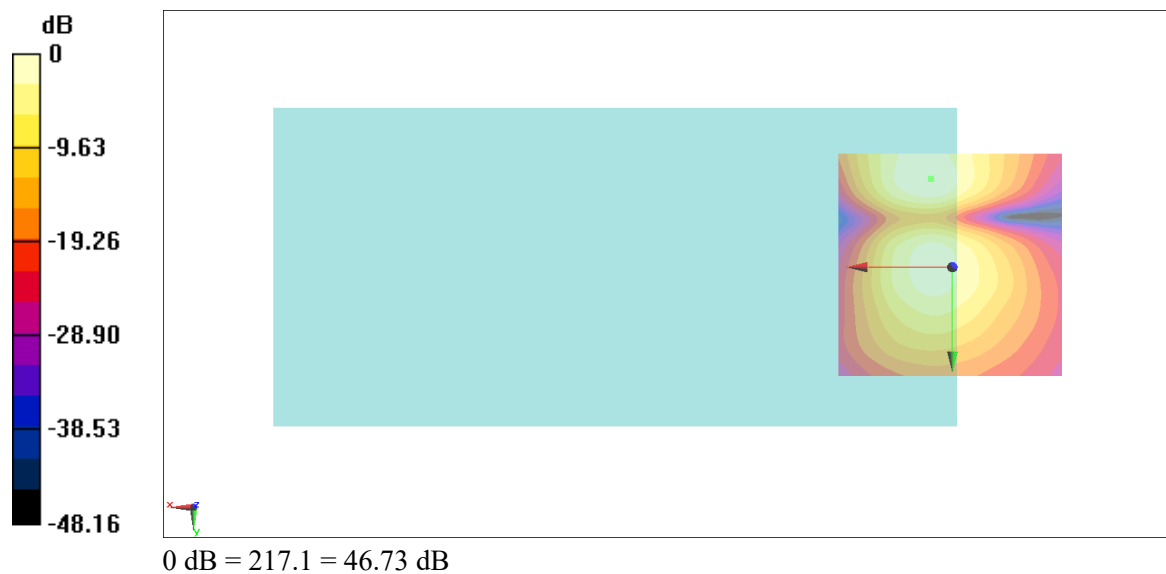
**General Scans/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):** Interpolated

grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 46.73 dB

ABM1 comp = -2.57 dBA/m

Location: 4.7, -19.4, 3.7 mm



### #39\_HAC\_T-Coil\_WCDMA V\_HSPA\_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 : 23.1 °C

### DASY5 Configuration:

- Probe: AM1DV3 - 3104; ; Calibrated: 2023/3/16
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

**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

$$\text{ABM1/ABM2} = 48.89 \text{ dB}$$

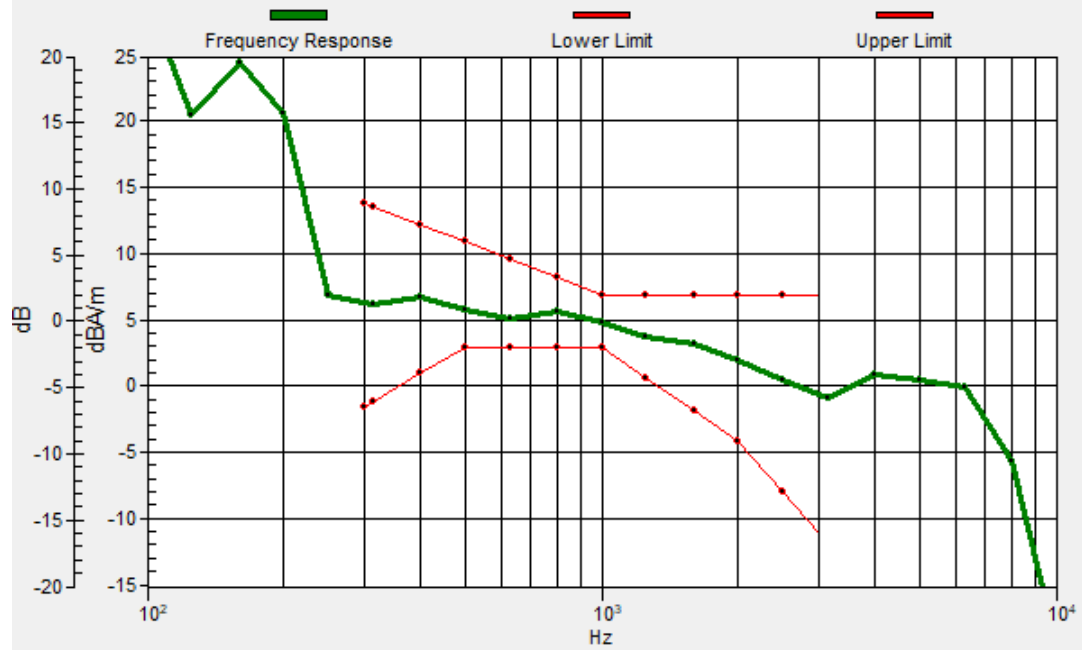
ABM1 comp = 5.88 dBA/m

Location: 8.9, -13.1, 3.7 mm



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

Loc: 8.9, -13.3, 3.7 mm Diff: 2dB



**#39\_HAC\_T-Coil\_WCDMA V\_HSPA\_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 : 23.1 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3104; ; Calibrated: 2023/3/16
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

**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 = 47.21 dB

ABM1 comp = -2.70 dBA/m

Location: 4.7, -25, 3.7 mm



**#40\_HAC\_T-Coil\_LTE Band 25\_20M\_QPSK\_1\_0\_Ch26340\_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 : 23.1 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3104; ; Calibrated: 2023/3/16
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

**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 = 48.75 dB

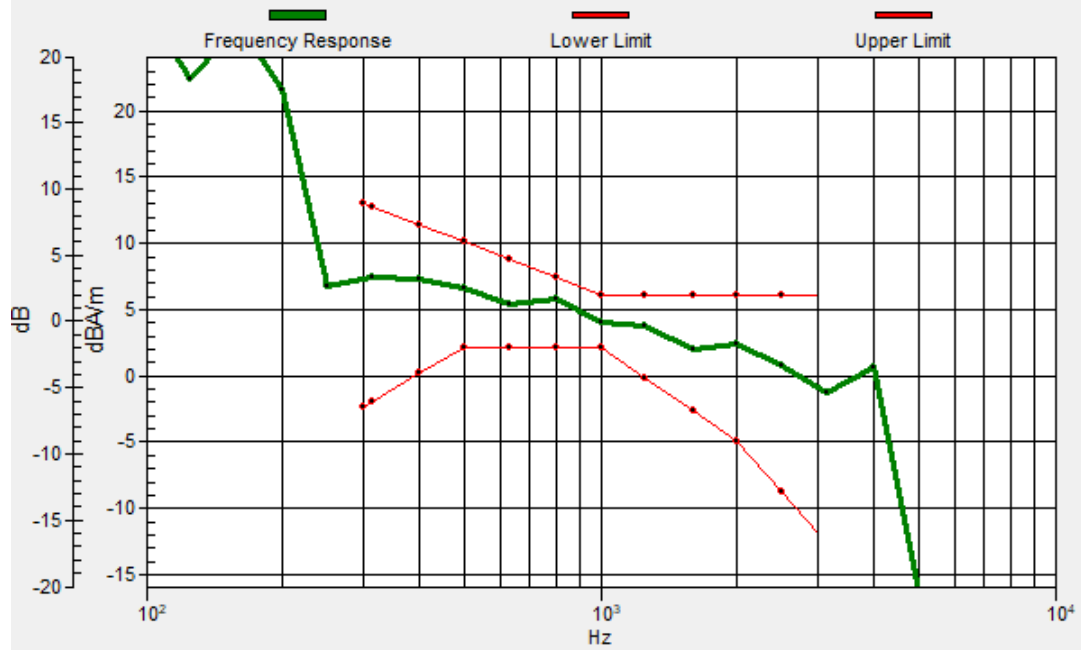
ABM1 comp = 6.47 dBA/m

Location: 8.9, -12.4, 3.7 mm



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

Loc: 9, -12.3, 3.7 mm Diff: 1.64dB



**#40\_HAC\_T-Coil\_LTE Band 25\_20M\_QPSK\_1\_0\_Ch26340\_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 : 23.1 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3104; ; Calibrated: 2023/3/16
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

**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 = 46.52 dB

ABM1 comp = -3.06 dBA/m

Location: 6.1, -25, 3.7 mm



**#41\_HAC\_T-Coil\_LTE Band 48\_20M\_QPSK\_1\_0\_Ch55830\_Axial (Z)**

Communication System: LTE; Frequency: 3609 MHz

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

Ambient Temperature : 23.1 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3104; ; Calibrated: 2023/3/16
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

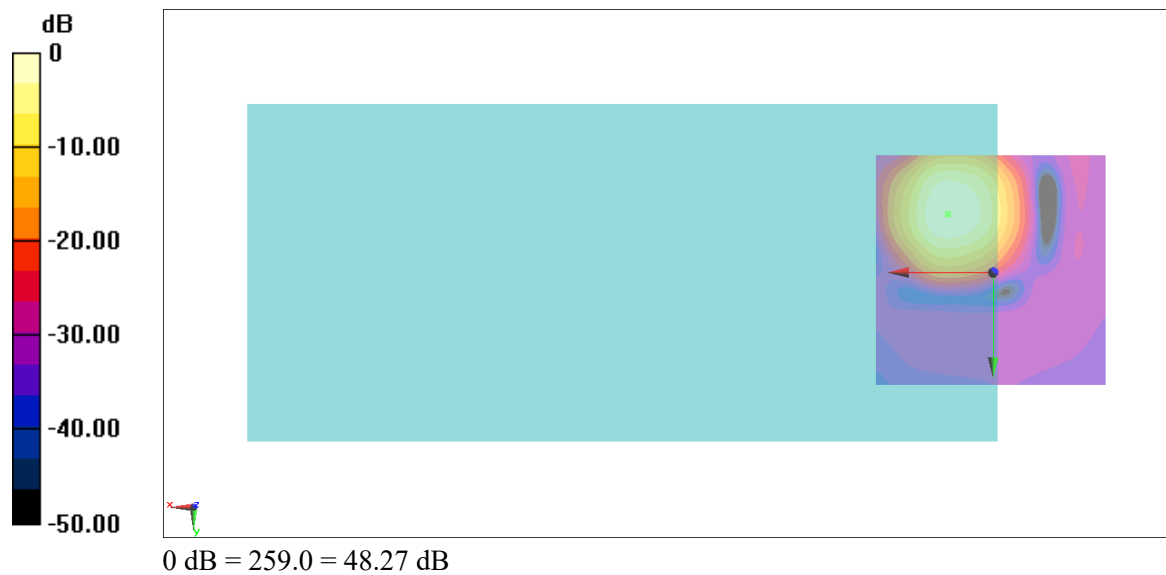
**General Scans/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):** Interpolated grid:

dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 48.27 dB

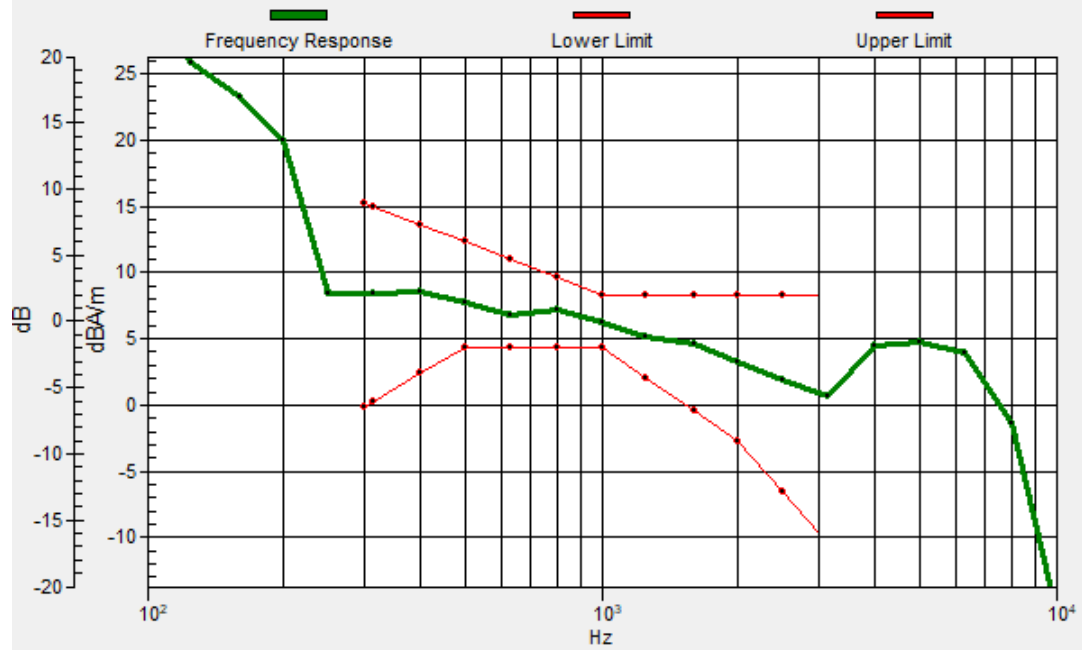
ABM1 comp = 7.17 dBA/m

Location: 9.6, -12.4, 3.7 mm



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

Loc: 9.7, -12.5, 3.7 mm Diff: 2dB



**#41\_HAC\_T-Coil\_LTE Band 48\_20M\_QPSK\_1\_0\_Ch55830\_Transversal (Y)**

Communication System: LTE; Frequency: 3609 MHz

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

Ambient Temperature : 23.1 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3104; ; Calibrated: 2023/3/16
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

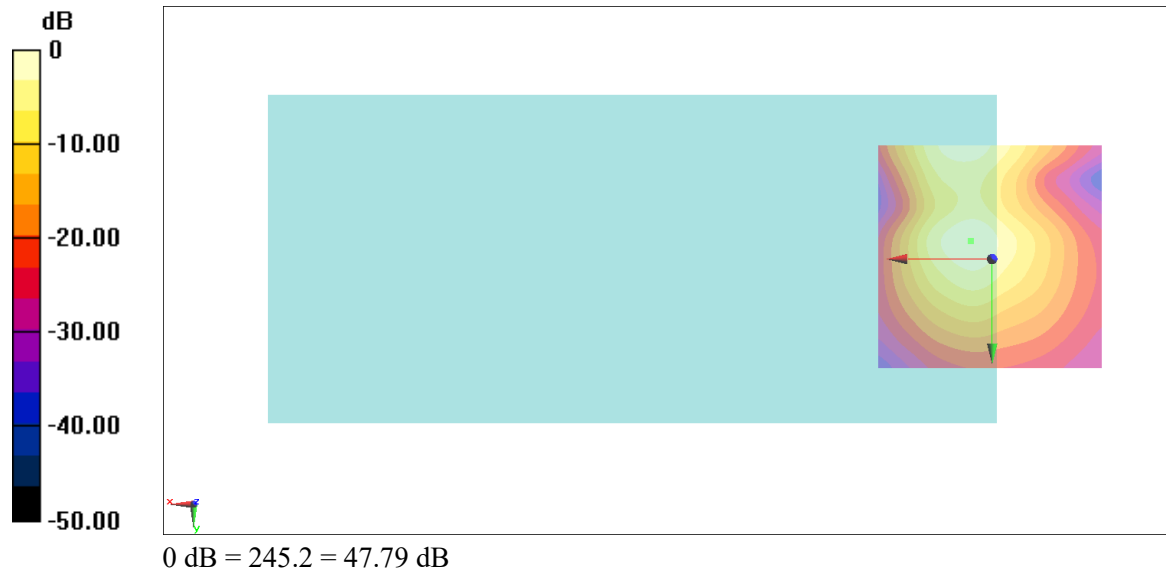
**General Scans/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):** Interpolated

grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 47.79 dB

ABM1 comp = -1.33 dBA/m

Location: 4.7, -4, 3.7 mm



**#42\_HAC\_T-Coil\_FR1 n7\_50M\_DFT-PI/2 BPSK\_1\_1\_Ch507000\_Axial (Z)**

Communication System: NR; Frequency: 2535 MHz

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

Ambient Temperature : 23.1 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3104; ; Calibrated: 2023/3/16
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

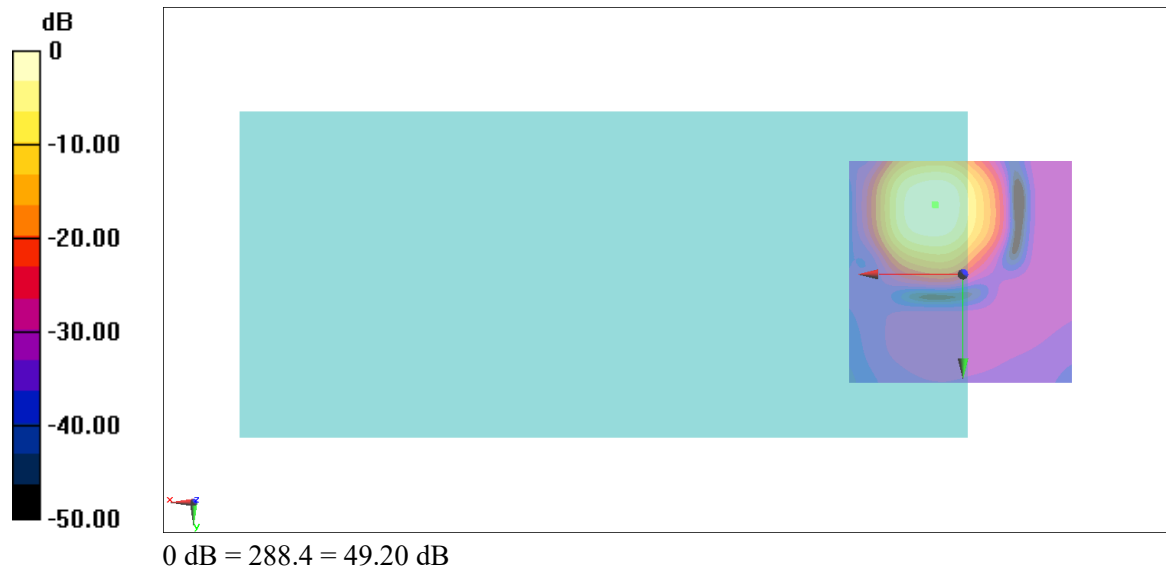
**General Scans/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):** Interpolated grid:

dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 49.20 dB

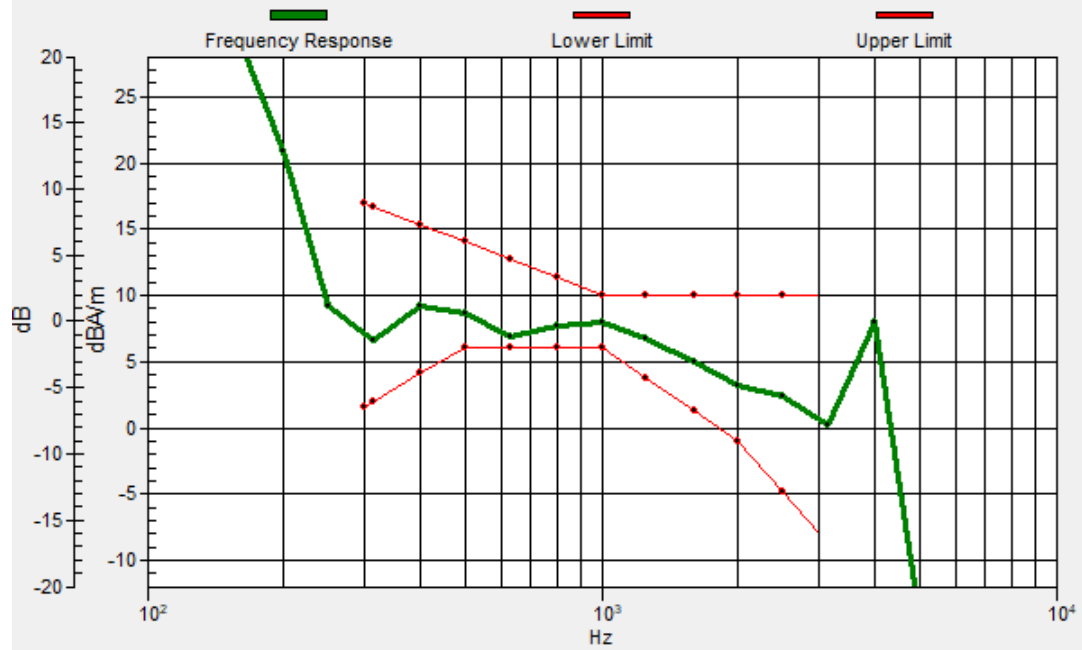
ABM1 comp = 6.42 dBA/m

Location: 6.1, -15.2, 3.7 mm



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

Loc: 6.2, -15.5, 3.7 mm Diff: 0.91dB



**#42\_HAC\_T-Coil\_FR1 n7\_50M\_DFT-PI/2 BPSK\_1\_1\_Ch507000\_Transversal (Y)**

Communication System: NR; Frequency: 2535 MHz

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

Ambient Temperature : 23.1 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3104; ; Calibrated: 2023/3/16
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

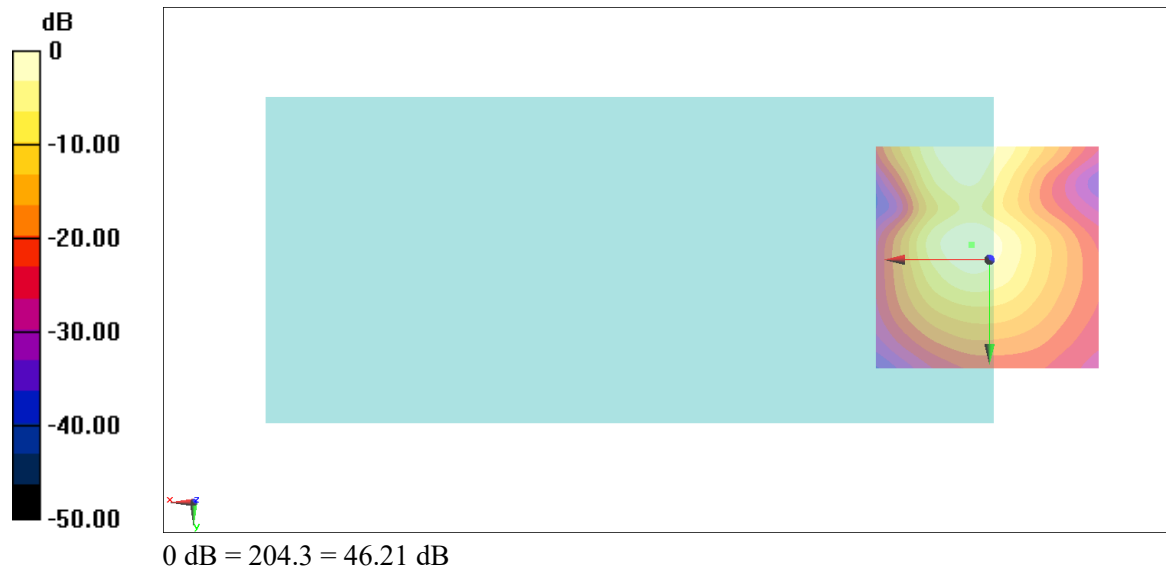
**General Scans/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):** Interpolated

grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 46.20 dB

ABM1 comp = -1.85 dBA/m

Location: 4, -3.3, 3.7 mm



**#43\_HAC\_T-Coil\_FR1 n48\_40M\_DFT-PI/2 BPSK\_1\_1\_Ch614666\_Axial (Z)**

Communication System: NR; Frequency: 3624.99 MHz

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

Ambient Temperature : 23.1 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3104; ; Calibrated: 2023/3/16
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

**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 = 47.88 dB

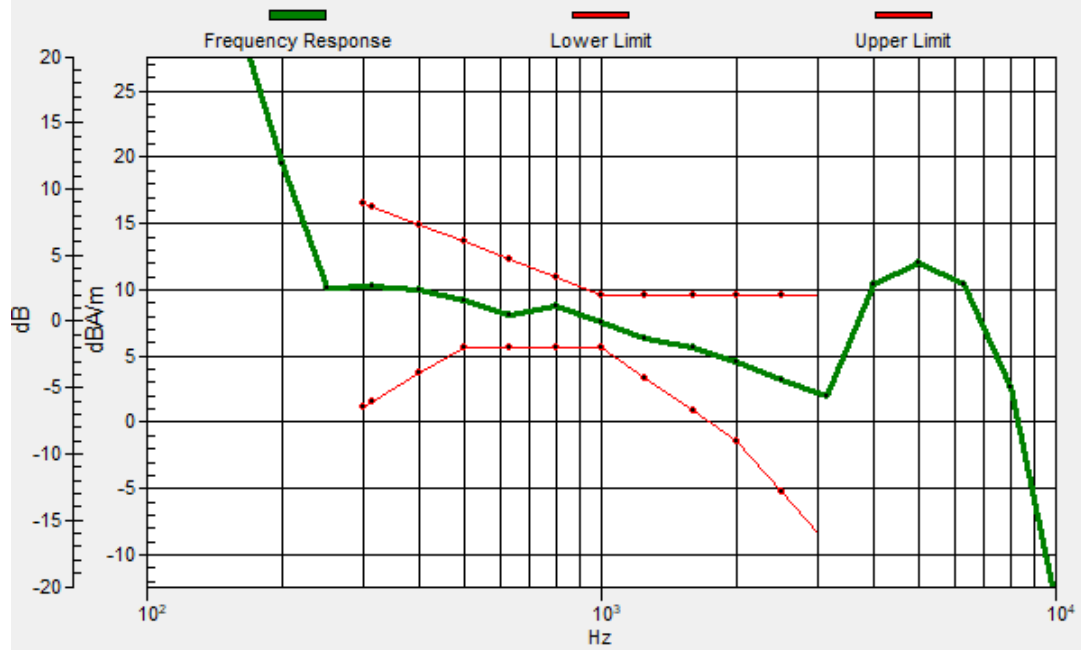
ABM1 comp = 7.24 dBA/m

Location: 8.2, -12.4, 3.7 mm



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

Loc: 7.9, -12.2, 3.7 mm Diff: 2dB



**#43\_HAC\_T-Coil\_FR1 n48\_40M\_DFT-PI/2 BPSK\_1\_1\_Ch614666\_Transversal (Y)**

Communication System: NR; Frequency: 3624.99 MHz

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

Ambient Temperature : 23.1 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3104; ; Calibrated: 2023/3/16
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

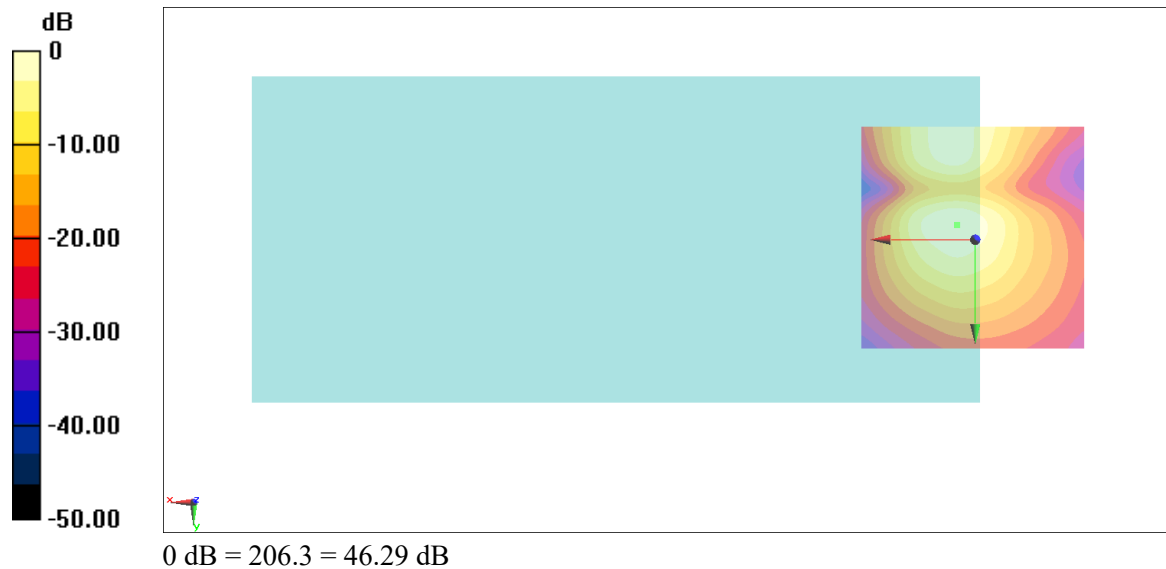
**General Scans/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):** Interpolated

grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 46.29 dB

ABM1 comp = -1.83 dBA/m

Location: 4, -3.3, 3.7 mm



**#44\_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 : 23.1 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3104; ; Calibrated: 2023/3/16
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

**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 = 50.62 dB

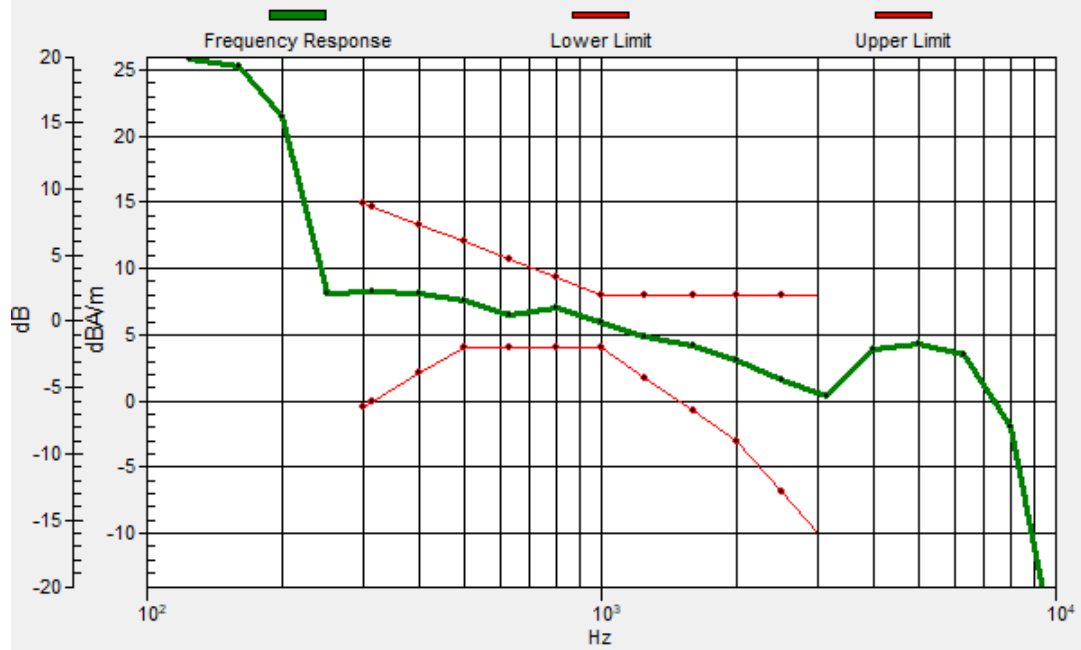
ABM1 comp = 5.94 dBA/m

Location: 5.4, -14.5, 3.7 mm



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

Loc: 5.5, -14.5, 3.7 mm Diff: 2dB



**#44\_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 : 23.1 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3104; ; Calibrated: 2023/3/16
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

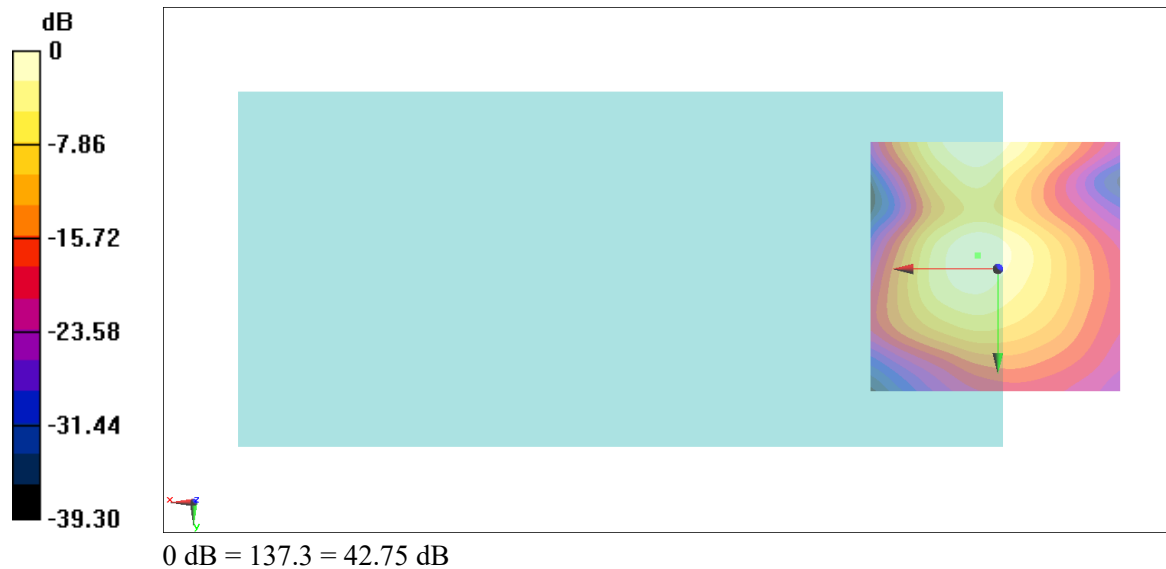
**General Scans/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):** Interpolated

grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 42.75 dB

ABM1 comp = -2.25 dBA/m

Location: 4, -2.6, 3.7 mm



### #45\_HAC\_T-Coil\_WLAN5GHz\_802.11a 6Mbps\_Ch60\_Axial (Z)

Communication System: 802.11a; Frequency: 5300 MHz

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

Ambient Temperature : 23.1 °C

### DASY5 Configuration:

- Probe: AM1DV3 - 3104; ; Calibrated: 2023/3/16
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

**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

$$\text{ABM1/ABM2} = 52.91 \text{ dB}$$

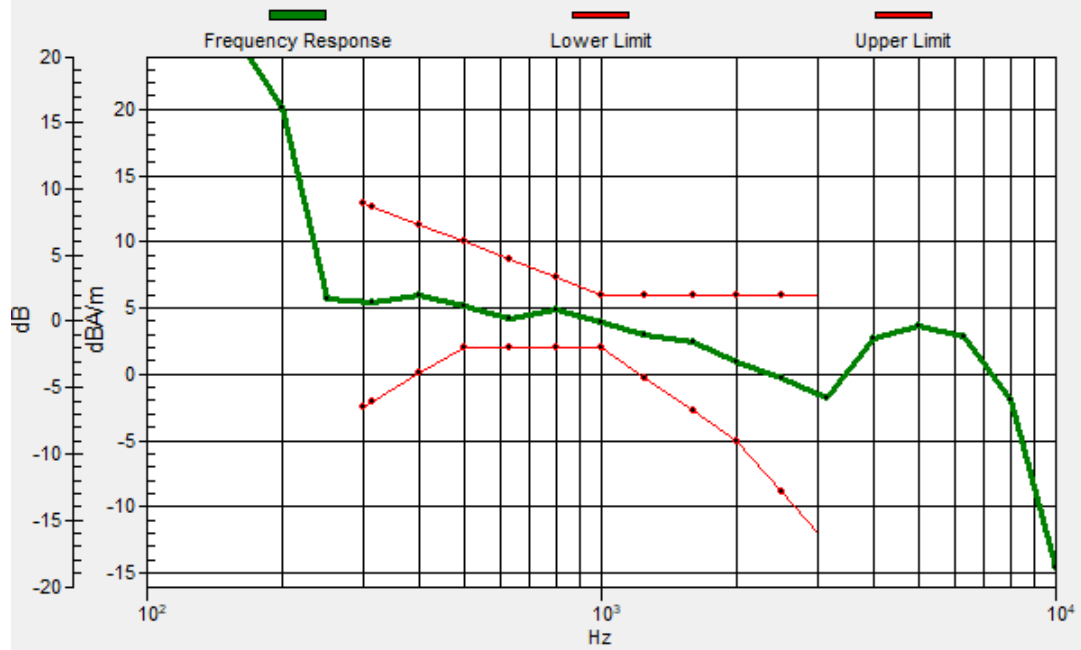
ABM1 comp = 6.37 dBA/m

Location: 10.3, -18, 3.7 mm



# General Scans/z (axial) wideband at best S/N 2/ABM Freq Resp(x,y,z,f)

Loc: 10.2, -18, 3.7 mm Diff: 2dB



**#45\_HAC\_T-Coil\_WLAN5GHz\_802.11a 6Mbps\_Ch60\_Transversal (Y)**

Communication System: 802.11a; Frequency: 5300 MHz

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

Ambient Temperature : 23.1 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3104; ; Calibrated: 2023/3/16
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2022/9/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

**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 = 32.53 dB

ABM1 comp = -10.79 dBA/m

Location: -3, -25, 3.7 mm

