



REPORT No.: SZ22120264S03

## Annex C Plots of T-Coil Test Results

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2023.01.11

## HAC\_T-Coil\_GSM1900\_GSM Voice\_Ch661\_Z

Communication System: UID 10021 - DAB, GSM-FDD (TDMA, GMSK); Frequency: 1880 MHz; Duty Cycle: 1:8.6896

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

Ambient Temperature : 23.2 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3128; ; Calibrated: 2022.07.19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 SSn1643; Calibrated: 2022.12.30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

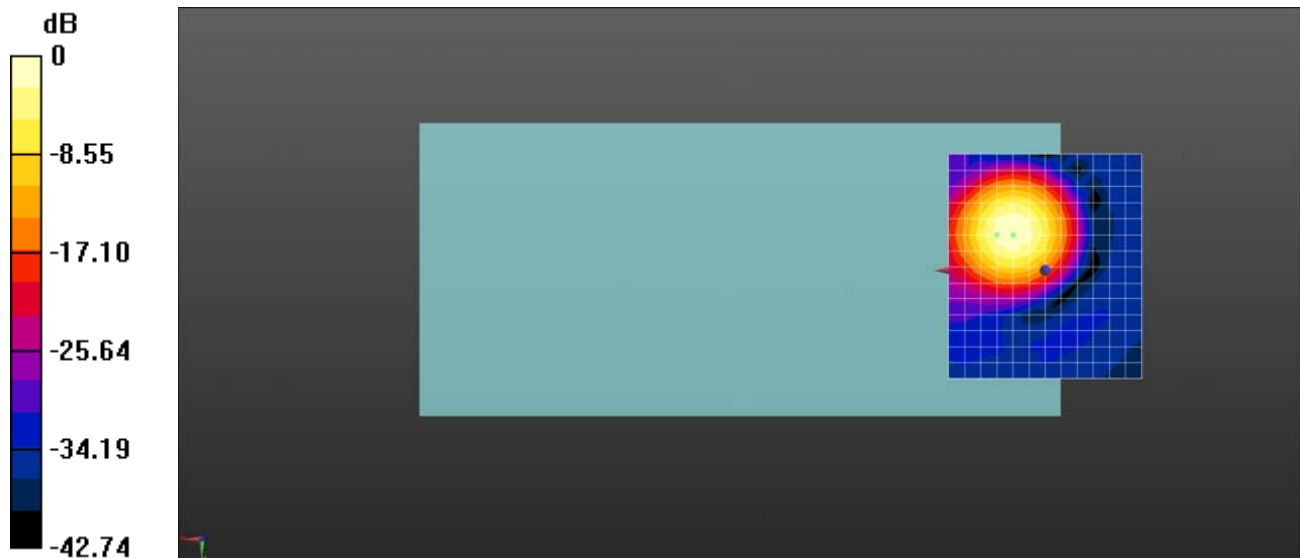
**Ch661/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x15x1):** Measurement grid: dx=10mm, dy=10mm

ABM1/ABM2 = 35.13 dB

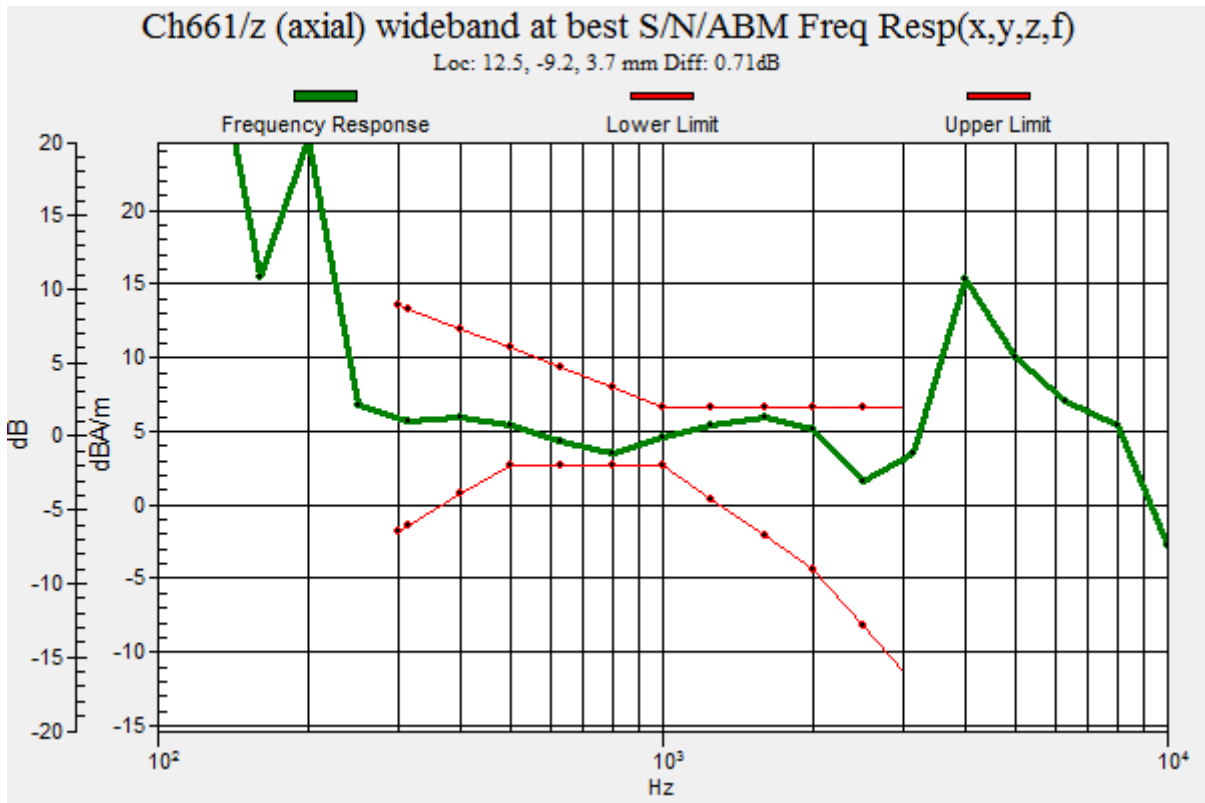
ABM1 comp = 4.74 dBA/m

BWC Factor = 0.07 dB

Location: 12.5, -9.2, 3.7 mm



0 dB = 57.05 = 35.13 dB



Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2023.01.11

## HAC\_T-Coil\_GSM1900\_GSM Voice\_Ch661\_Y

Communication System: UID 10021 - DAB, GSM-FDD (TDMA, GMSK); Frequency: 1880 MHz; Duty Cycle: 1:8.6896

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

Ambient Temperature : 23.2 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3128; ; Calibrated: 2022.07.19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1643; Calibrated: 2022.12.30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch661/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x15x1):** Measurement grid:

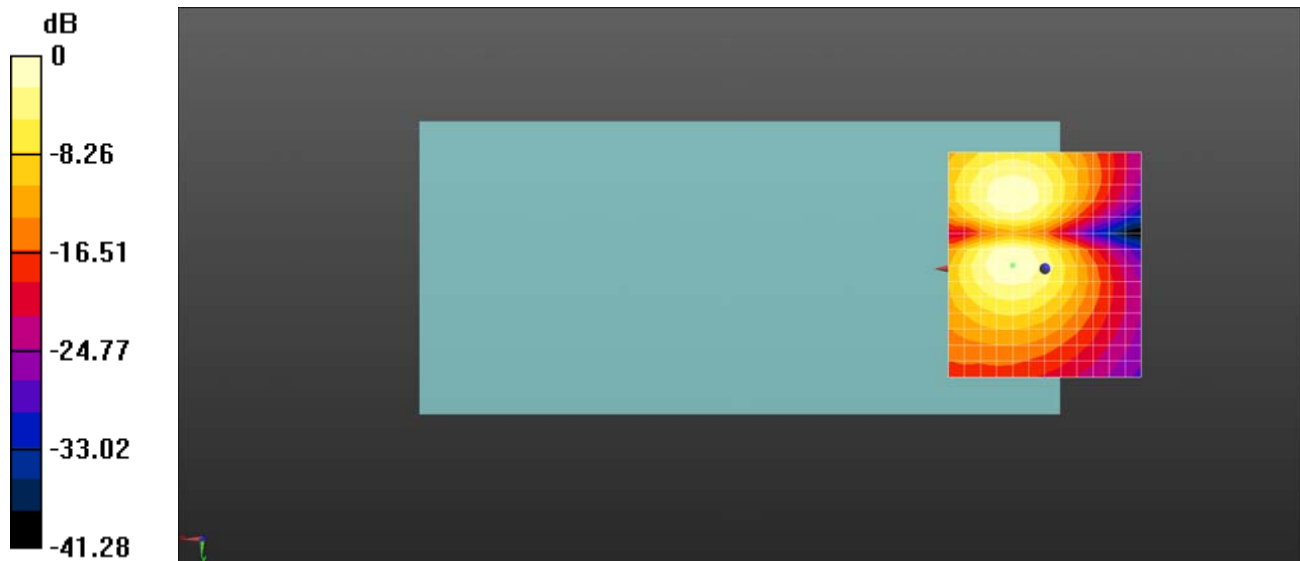
dx=10mm, dy=10mm

ABM1/ABM2 = 33.83 dB

ABM1 comp = -1.33 dBA/m

BWC Factor = 0.07 dB

Location: 8.3, -0.8, 3.7 mm



0 dB = 49.16 = 33.83 dB

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2023.01.11

## HAC\_T-Coil\_WCDMA Band II\_AMR 12.2Kbps\_Ch9400\_Z

Communication System: UID 10011 - CAB, UMTS-FDD (WCDMA); Frequency: 1880 MHz; Duty Cycle: 1:1.95434

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

Ambient Temperature : 23.2 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3128; ; Calibrated: 2022.07.19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1643; Calibrated: 2022.12.30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch9400/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x15x1):** Measurement grid:

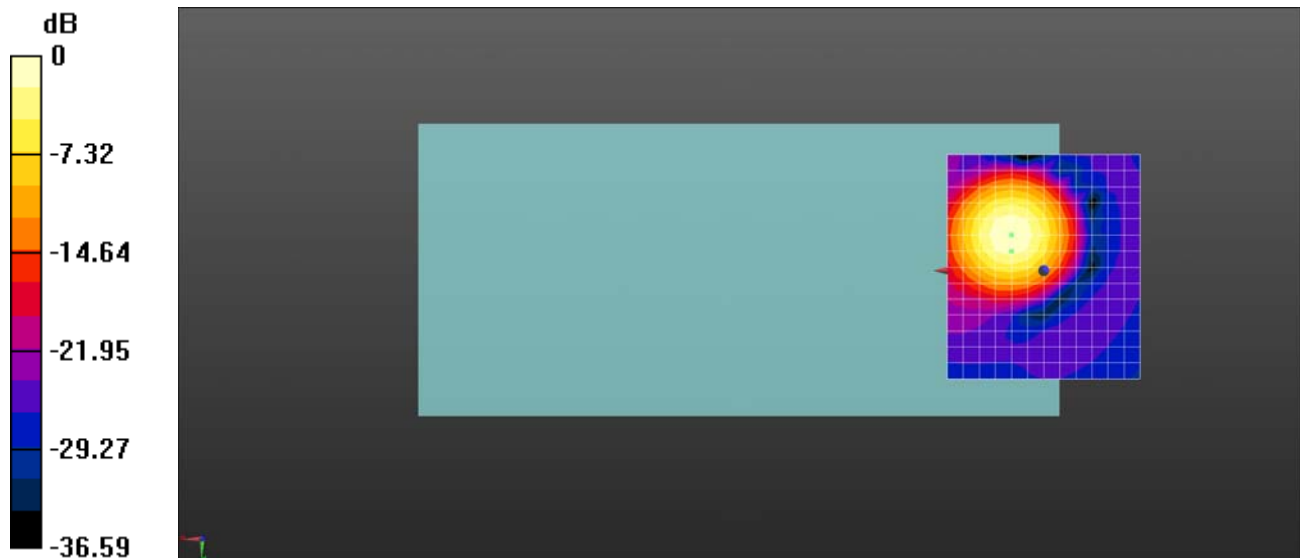
dx=10mm, dy=10mm

ABM1/ABM2 = 37.07 dB

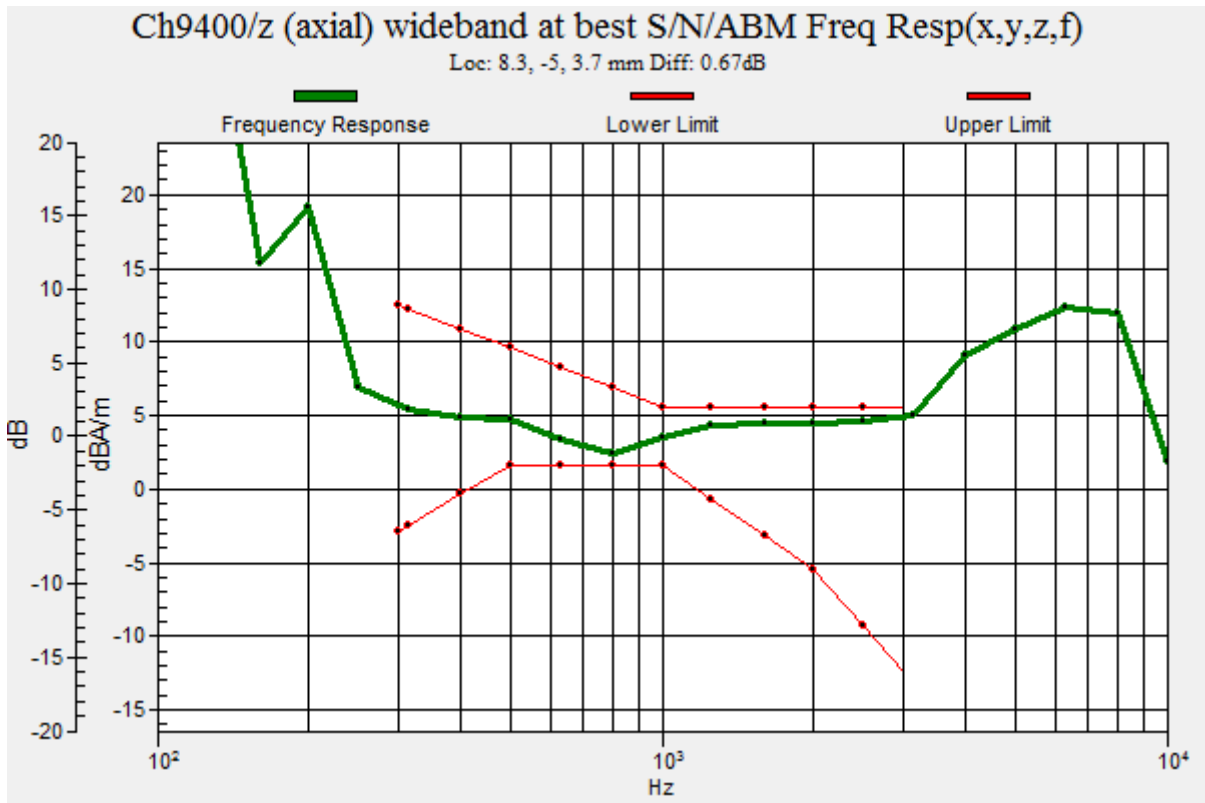
ABM1 comp = 5.13 dBA/m

BWC Factor = 0.05 dB

Location: 8.3, -5, 3.7 mm



0 dB = 71.41 = 37.08 dB



Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2023.01.11

## HAC\_T-Coil\_WCDMA Band II\_AMR 12.2Kbps\_Ch9400\_Y

Communication System: UID 10011 - CAB, UMTS-FDD (WCDMA); Frequency: 1880 MHz; Duty Cycle: 1:1.95434

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

Ambient Temperature : 23.2 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3128; ; Calibrated: 2022.07.19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1643; Calibrated: 2022.12.30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch9400/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x15x1):** Measurement grid:

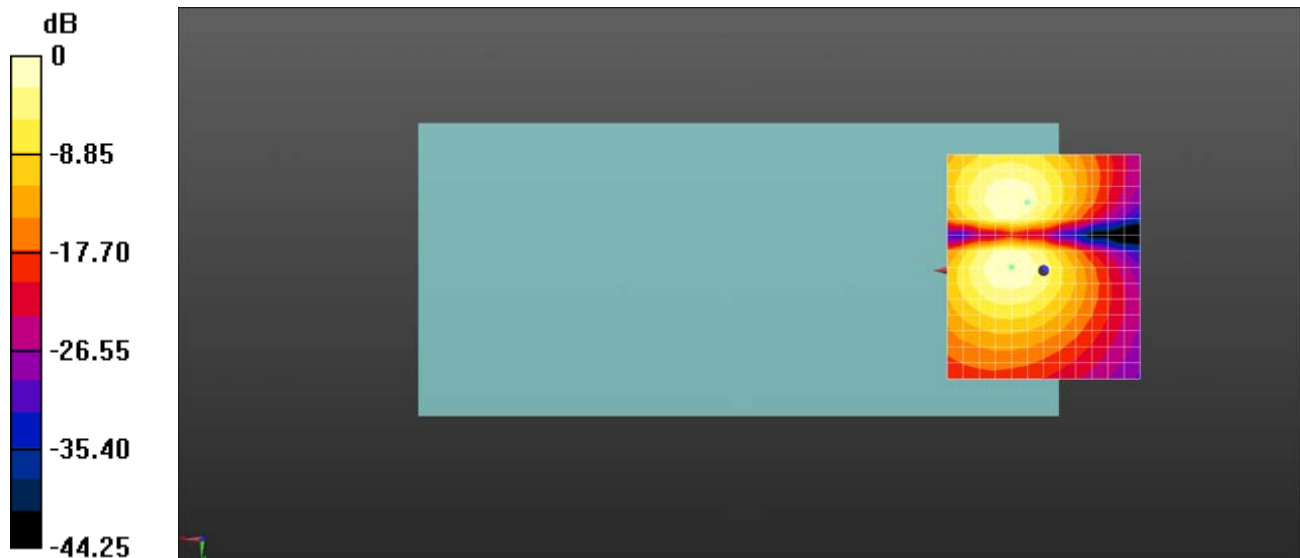
dx=10mm, dy=10mm

ABM1/ABM2 = 36.85 dB

ABM1 comp = -2.15 dBA/m

BWC Factor = 0.05 dB

Location: 4.2, -17.5, 3.7 mm



0 dB = 69.57 = 36.85 dB

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2023.01.11

## HAC\_T-Coil\_WCDMA Band IV\_AMR 12.2Kbps\_Ch1413\_Z

Communication System: UID 10011 - CAB, UMTS-FDD (WCDMA); Frequency: 1732.4 MHz; Duty Cycle: 1:1.95434

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

Ambient Temperature : 23.2 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3128; ; Calibrated: 2022.07.19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1643; Calibrated: 2022.12.30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch1413/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x15x1):** Measurement grid:

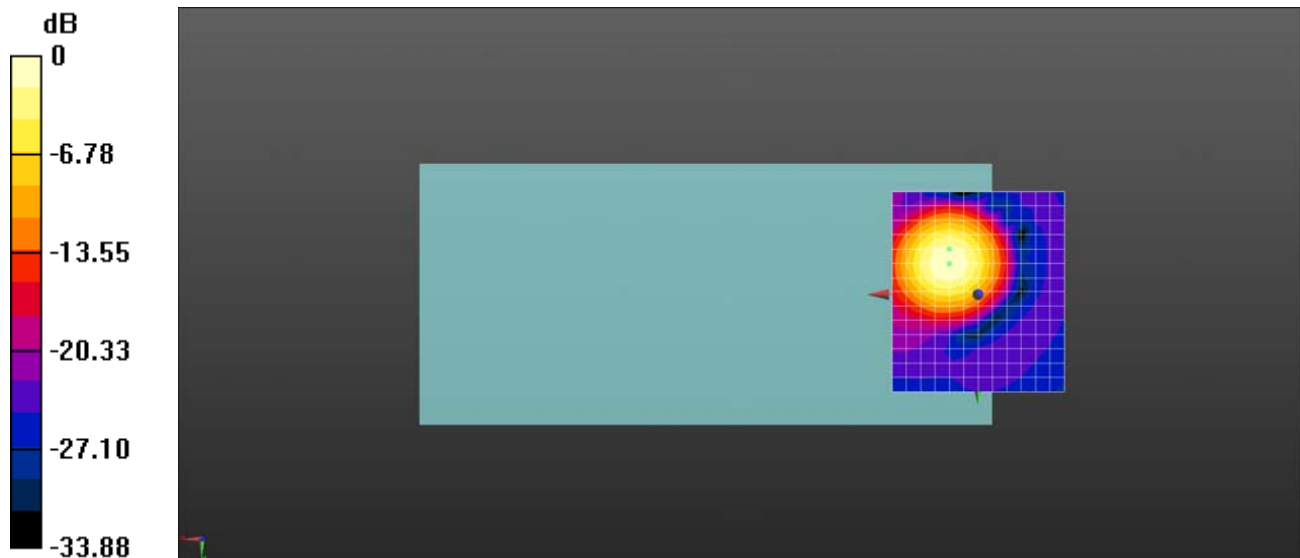
dx=10mm, dy=10mm

ABM1/ABM2 = 37.26 dB

ABM1 comp = 5.29 dBA/m

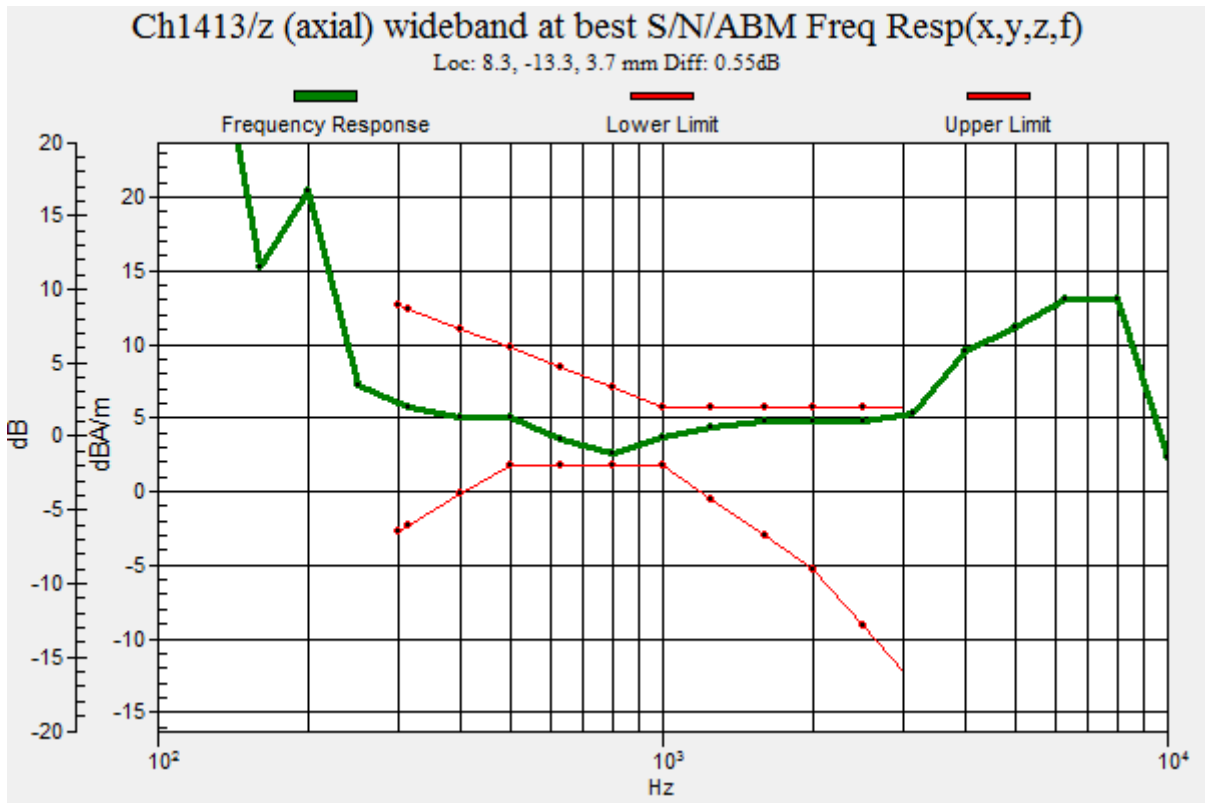
BWC Factor = 0.04 dB

Location: 8.3, -13.3, 3.7 mm



0 dB = 72.93 = 37.26 dB





Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2023.01.11

## HAC\_T-Coil\_WCDMA Band IV\_AMR 12.2Kbps\_Ch1413\_Y

Communication System: UID 10011 - CAB, UMTS-FDD (WCDMA); Frequency: 1732.4 MHz; Duty Cycle: 1:1.95434

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

Ambient Temperature : 23.2 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3128; ; Calibrated: 2022.07.19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1643; Calibrated: 2022.12.30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch1413/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x15x1):** Measurement grid:

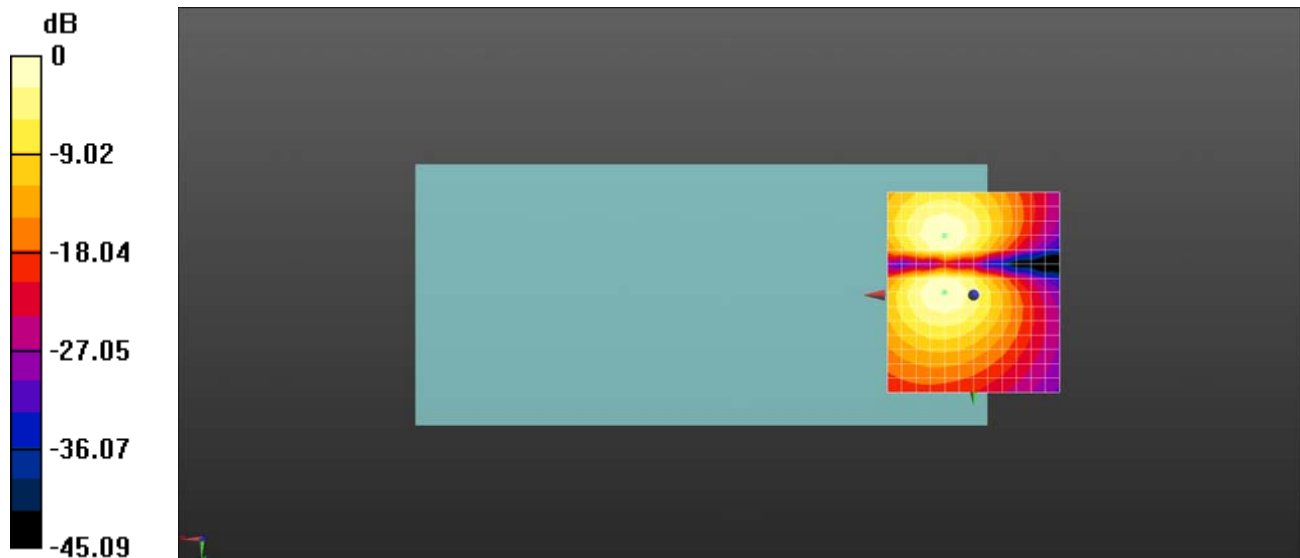
dx=10mm, dy=10mm

ABM1/ABM2 = 36.88 dB

ABM1 comp = -0.81 dBA/m

BWC Factor = 0.04 dB

Location: 8.3, -17.5, 3.7 mm



0 dB = 69.82 = 36.88 dB

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2023.01.11

## HAC\_T-Coil\_WCDMA Band V\_AMR 12.2Kbps\_Ch4182\_Z

Communication System: UID 10011 - CAB, UMTS-FDD (WCDMA); Frequency: 836.4 MHz; Duty Cycle: 1:1.95434

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

Ambient Temperature : 23.2 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3128; ; Calibrated: 2022.07.19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1643; Calibrated: 2022.12.30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch4182/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x15x1):** Measurement grid:

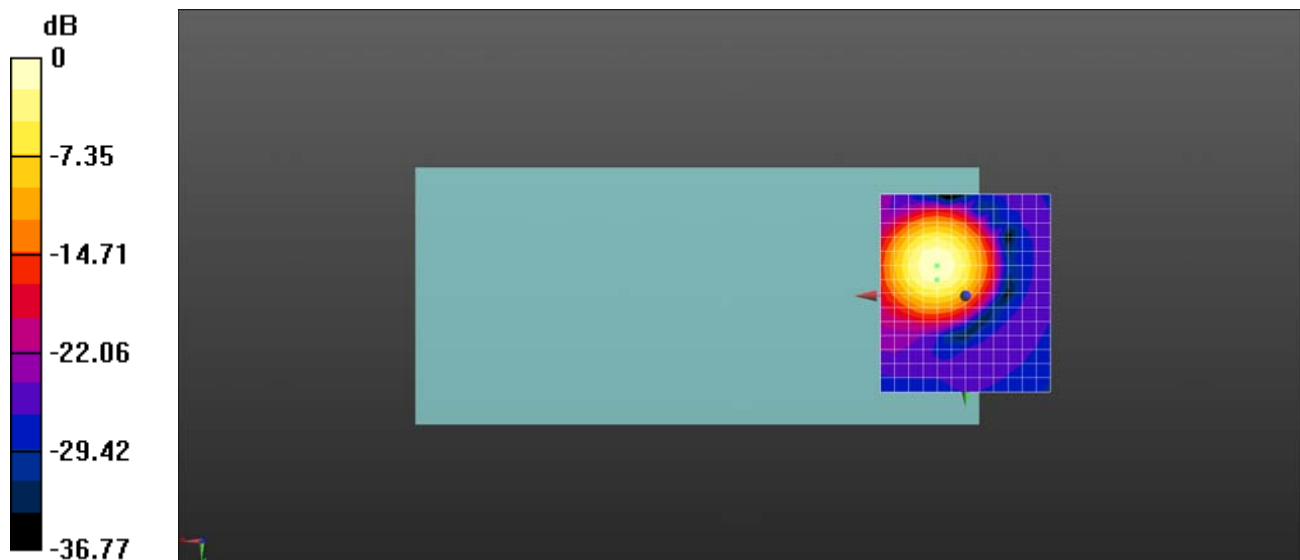
dx=10mm, dy=10mm

ABM1/ABM2 = 37.25 dB

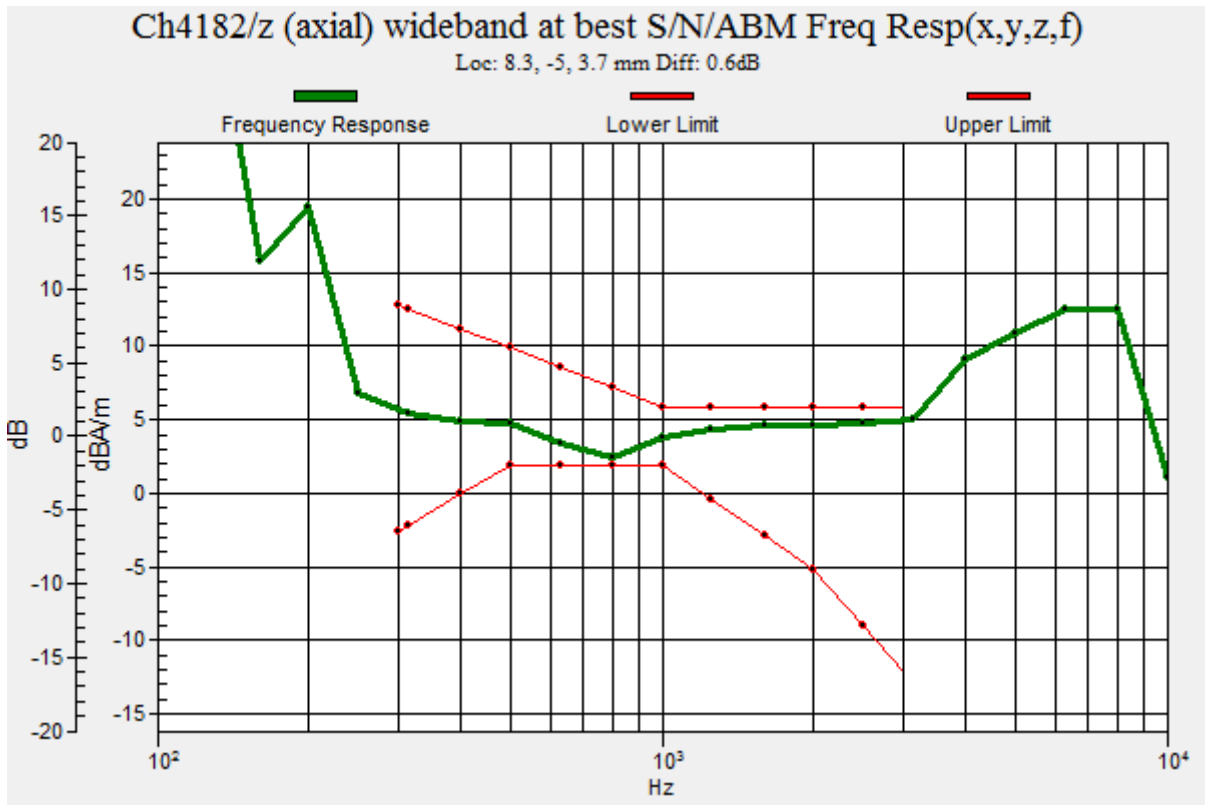
ABM1 comp = 5.09 dBA/m

BWC Factor = 0.04 dB

Location: 8.3, -5, 3.7 mm



0 dB = 72.82 = 37.25 dB



Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2023.01.11

## HAC\_T-Coil\_WCDMA Band V\_AMR 12.2Kbps\_Ch4182\_Y

Communication System: UID 10011 - CAB, UMTS-FDD (WCDMA); Frequency: 836.4 MHz; Duty Cycle: 1:1.95434

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

Ambient Temperature : 23.2 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3128; ; Calibrated: 2022.07.19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1643; Calibrated: 2022.12.30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch4182/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x15x1):** Measurement grid:

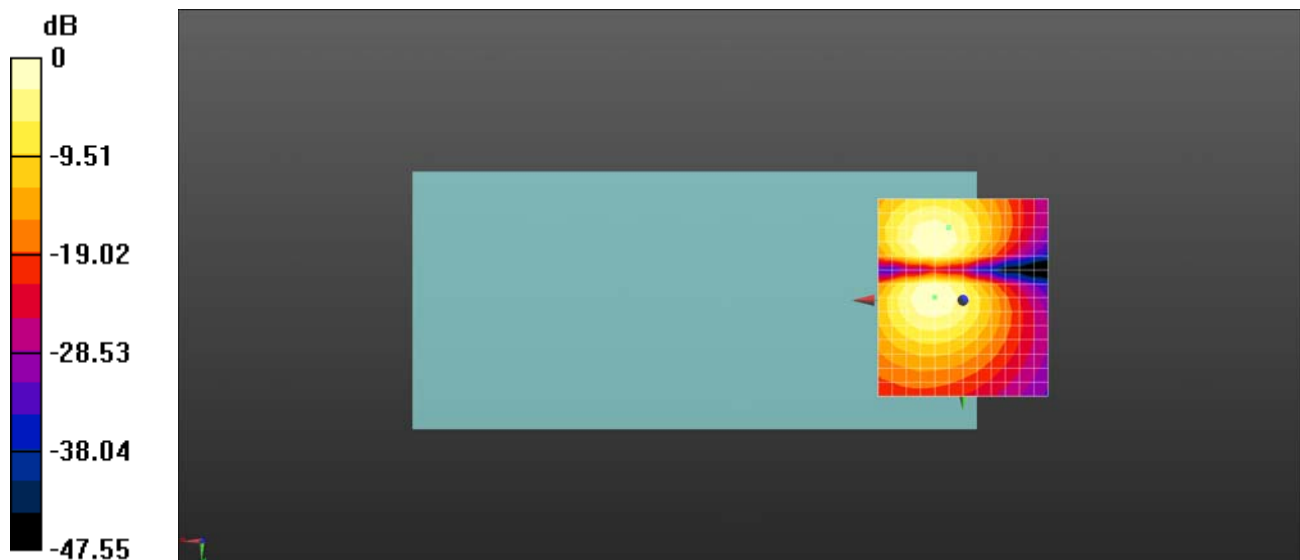
dx=10mm, dy=10mm

ABM1/ABM2 = 36.90 dB

ABM1 comp = -3.42 dBA/m

BWC Factor = 0.04 dB

Location: 4.2, -21.7, 3.7 mm



0 dB = 69.98 = 36.90 dB

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2023.01.10

**HAC\_T-Coil\_LTE Band 2\_20MHz\_QPSK\_1RB\_0offset\_12.2Kbps\_Ch18900\_Z**

Communication System: UID 10169 - CAB, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK);  
Frequency: 1880 MHz; Duty Cycle: 1:3.74111

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

Ambient Temperature : 23.2 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3128; ; Calibrated: 2022.07.19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1643; Calibrated: 2022.12.30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch18900/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x15x1):** Measurement grid:

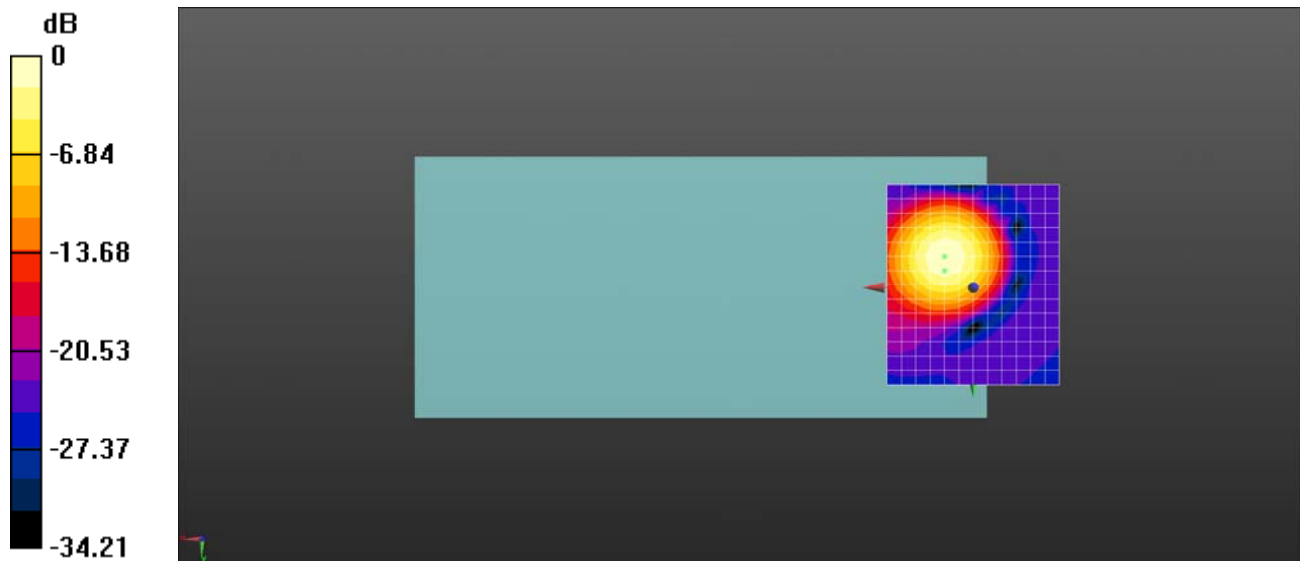
dx=10mm, dy=10mm

ABM1/ABM2 = 33.71 dB

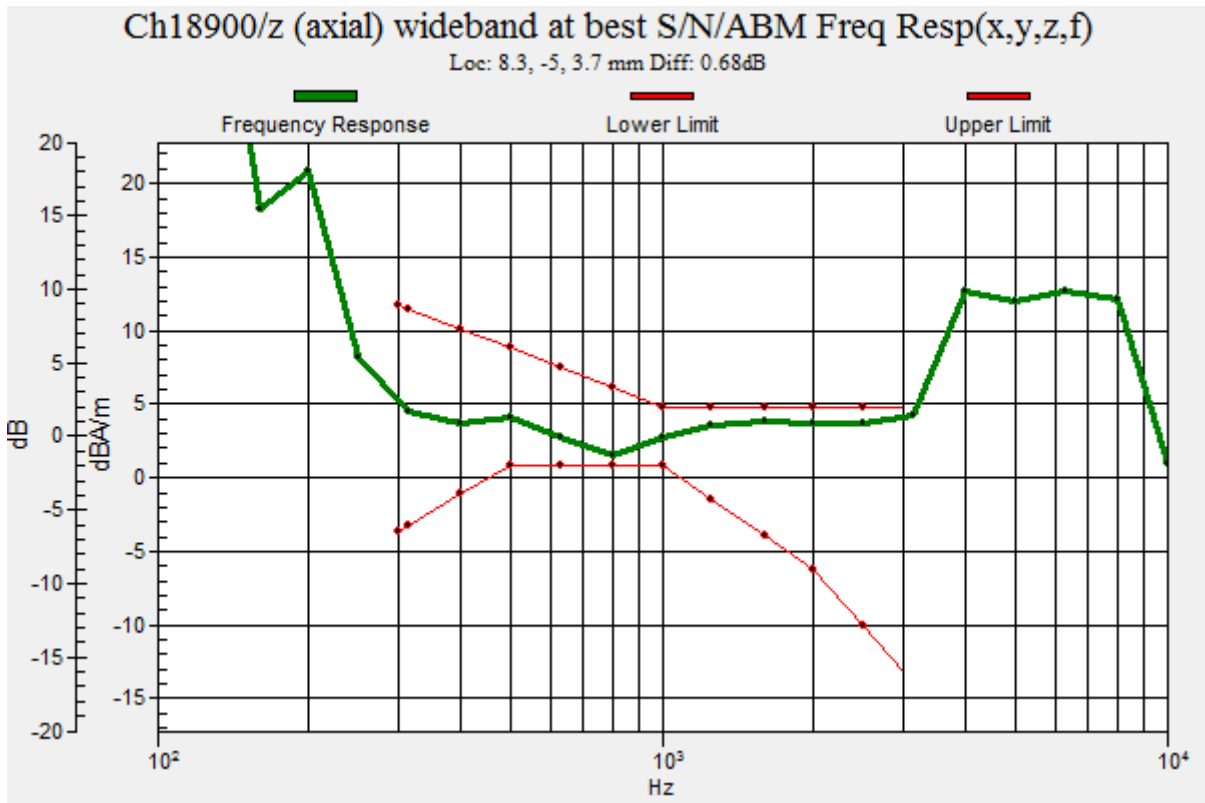
ABM1 comp = 4.16 dBA/m

BWC Factor = 0.04 dB

Location: 8.3, -5, 3.7 mm



0 dB = 48.49 = 33.71 dB



Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2023.01.10

**HAC\_T-Coil\_LTE Band 2\_20MHz\_QPSK\_1RB\_0offset\_12.2Kbps\_Ch18900\_Y**

Communication System: UID 10169 - CAB, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK);  
Frequency: 1880 MHz; Duty Cycle: 1:3.74111

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

Ambient Temperature : 23.2 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3128; ; Calibrated: 2022.07.19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1643; Calibrated: 2022.12.30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch18900/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x15x1):** Measurement grid:

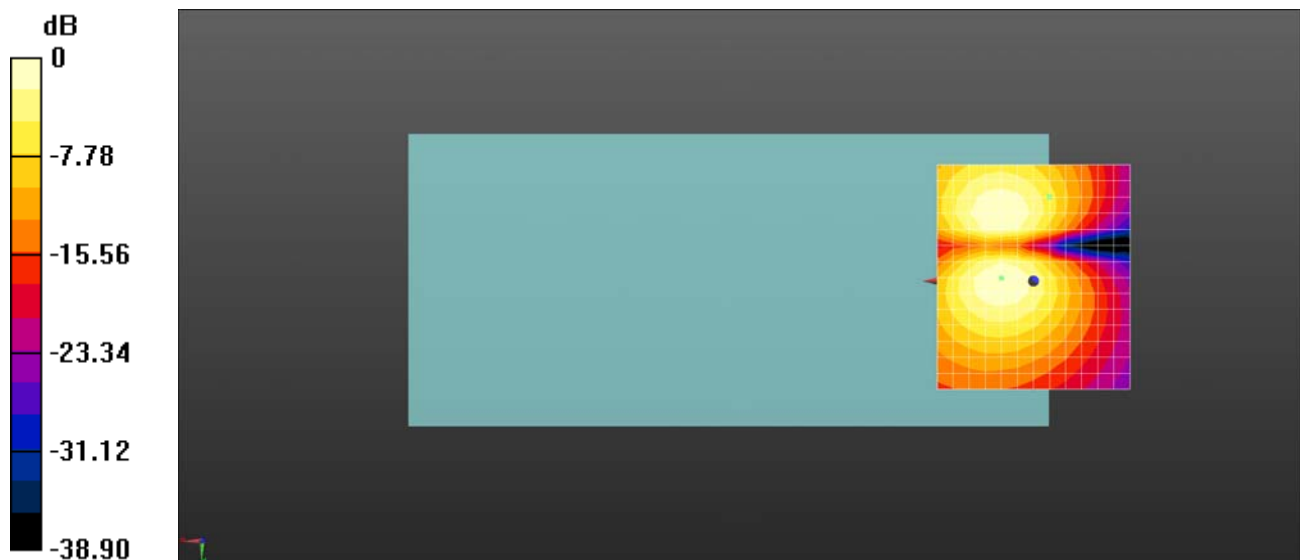
dx=10mm, dy=10mm

ABM1/ABM2 = 32.91 dB

ABM1 comp = -10.82 dBA/m

BWC Factor = 0.04 dB

Location: -4.2, -21.7, 3.7 mm



0 dB = 44.20 = 32.91 dB



Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2023.01.10

**HAC\_T-Coil\_LTE Band 4\_20MHz\_QPSK\_1RB\_0offset\_12.2Kbps\_Ch20175\_Z**

Communication System: UID 10169 - CAB, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK);  
Frequency: 1732.5 MHz; Duty Cycle: 1:3.74111

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

Ambient Temperature : 23.2 °C

**DASY5 Configuration:**

- Probe: AM1DV3 - 3128; ; Calibrated: 2022.07.19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1643; Calibrated: 2022.12.30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch20175/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x15x1):** Measurement grid:

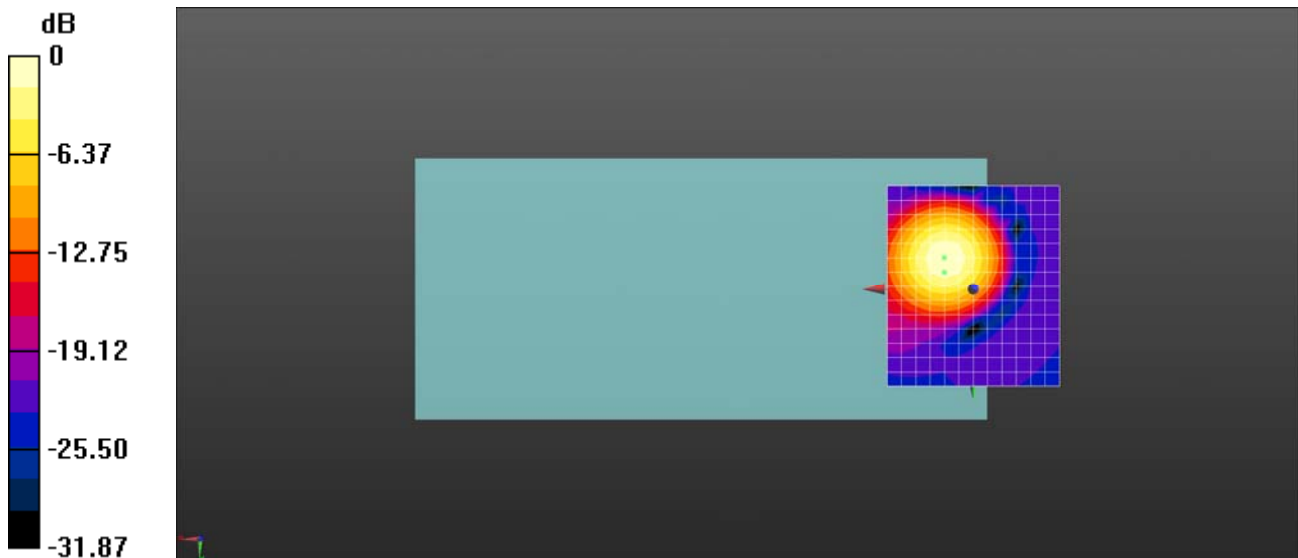
dx=10mm, dy=10mm

ABM1/ABM2 = 33.32 dB

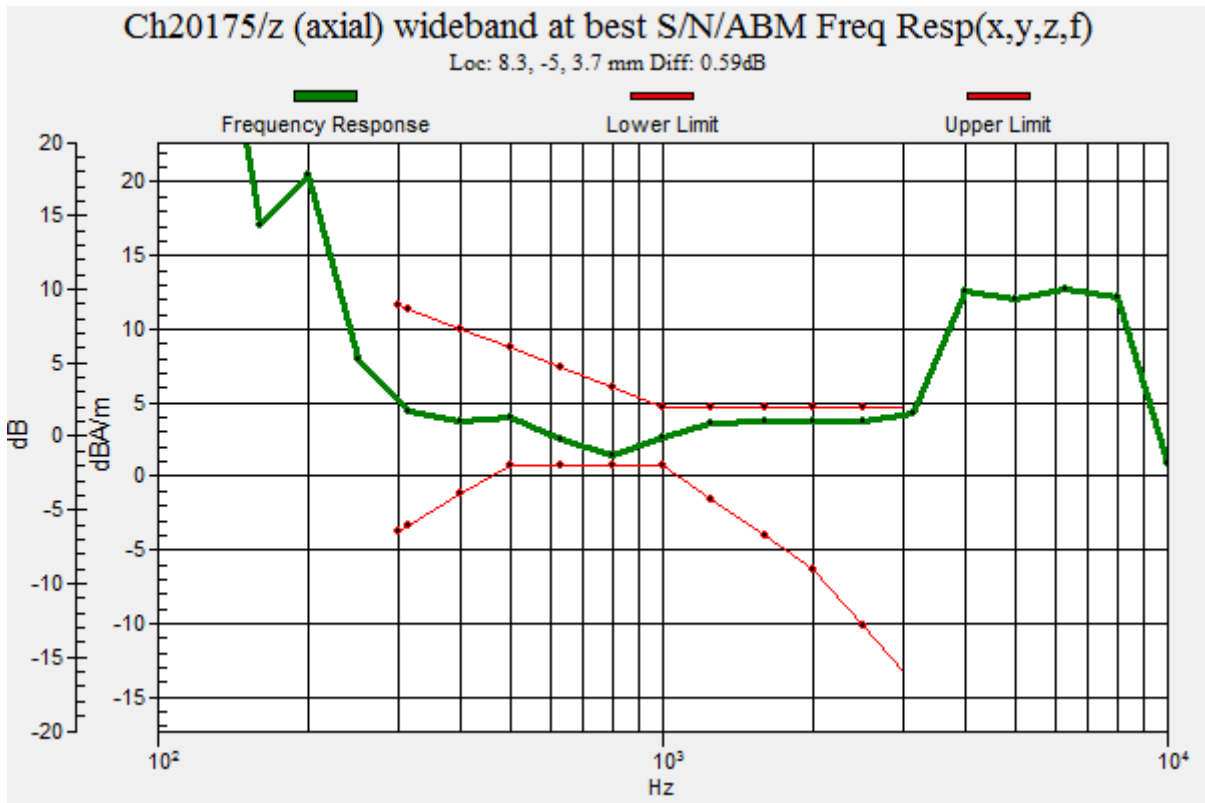
ABM1 comp = 4.02 dBA/m

BWC Factor = 0.07 dB

Location: 8.3, -5, 3.7 mm



0 dB = 46.33 = 33.32 dB



Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2023.01.10

**HAC\_T-Coil\_LTE Band 4\_20MHz\_QPSK\_1RB\_0offset\_12.2Kbps\_Ch20175\_Y**

Communication System: UID 10169 - CAB, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK);  
Frequency: 1732.5 MHz; Duty Cycle: 1:3.74111

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

Ambient Temperature : 23.2 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3128; ; Calibrated: 2022.07.19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1643; Calibrated: 2022.12.30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch20175/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x15x1):** Measurement grid:

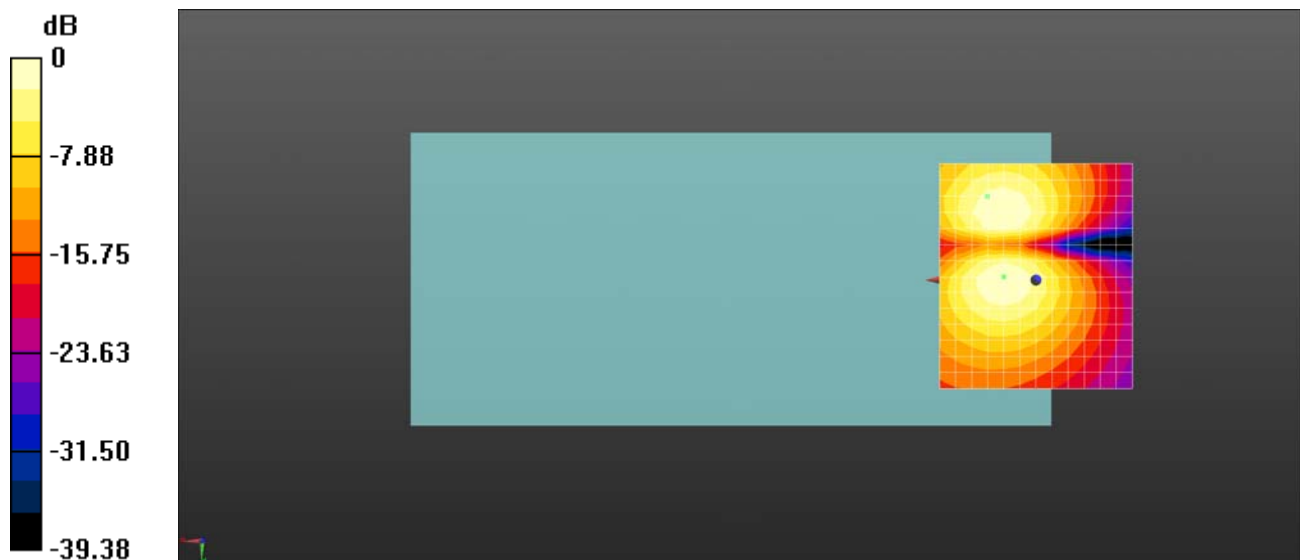
dx=10mm, dy=10mm

ABM1/ABM2 = 33.09 dB

ABM1 comp = -4.54 dBA/m

BWC Factor = 0.07 dB

Location: 12.5, -21.7, 3.7 mm



0 dB = 45.11 = 33.09 dB

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2023.01.10

**HAC\_T-Coil\_LTE Band 5\_10MHz\_QPSK\_1RB\_0offset\_12.2Kbps\_Ch20525\_Z**

Communication System: UID 10175 - CAB, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK);  
Frequency: 836.5 MHz; Duty Cycle: 1:3.7325

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

Ambient Temperature : 23.2 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3128; ; Calibrated: 2022.07.19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1643; Calibrated: 2022.12.30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch20525/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x15x1):** Measurement grid:

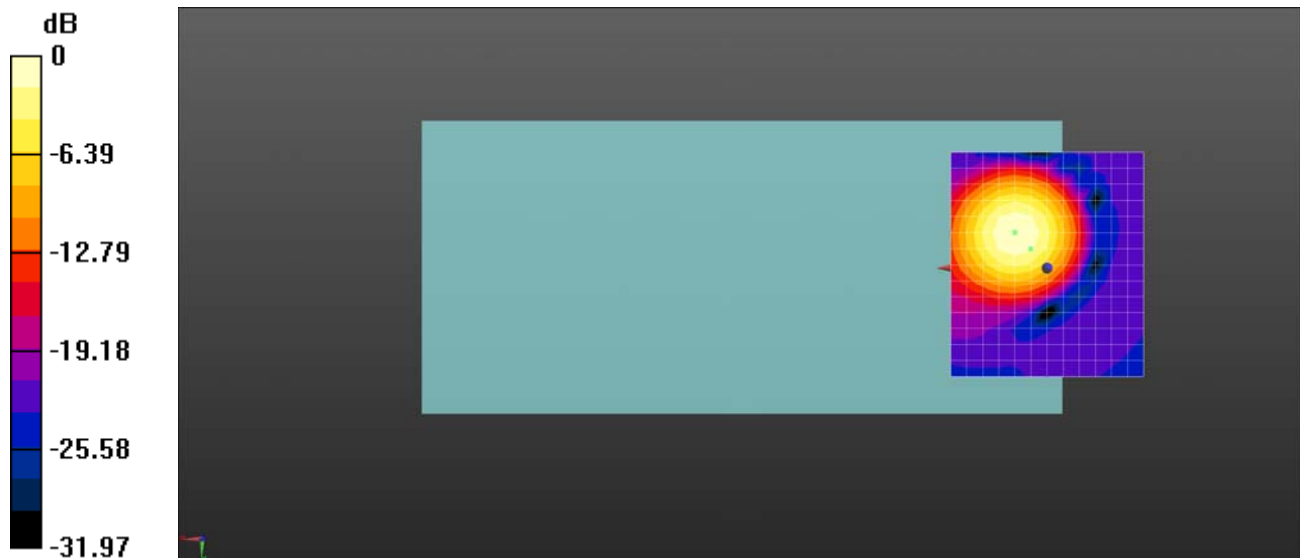
dx=10mm, dy=10mm

ABM1/ABM2 = 33.57 dB

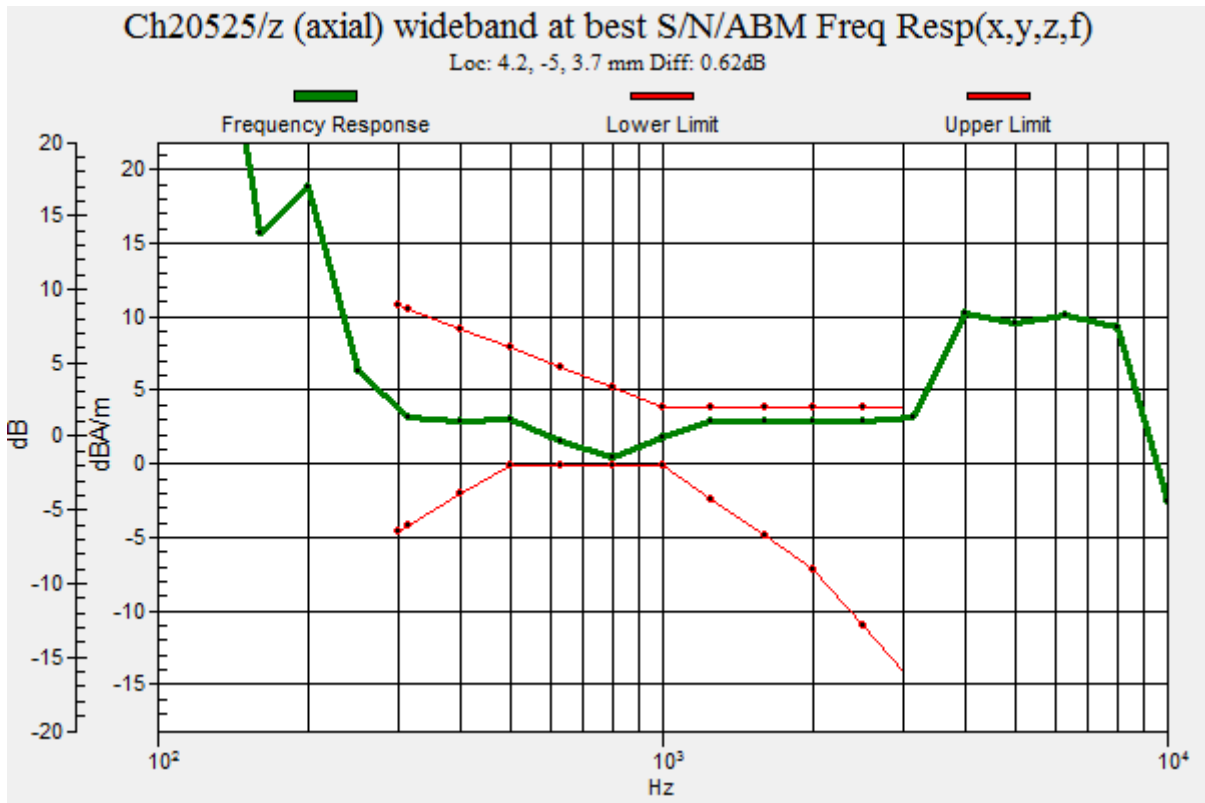
ABM1 comp = 2.99 dBA/m

BWC Factor = 0.04 dB

Location: 4.2, -5, 3.7 mm



0 dB = 47.72 = 33.57 dB



Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2023.01.10

**HAC\_T-Coil\_LTE Band 5\_10MHz\_QPSK\_1RB\_0offset\_12.2Kbps\_Ch20525\_Y**

Communication System: UID 10175 - CAB, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK);  
Frequency: 836.5 MHz; Duty Cycle: 1:3.7325

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

Ambient Temperature : 23.2 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3128; ; Calibrated: 2022.07.19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1643; Calibrated: 2022.12.30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch20525/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x15x1):** Measurement grid:

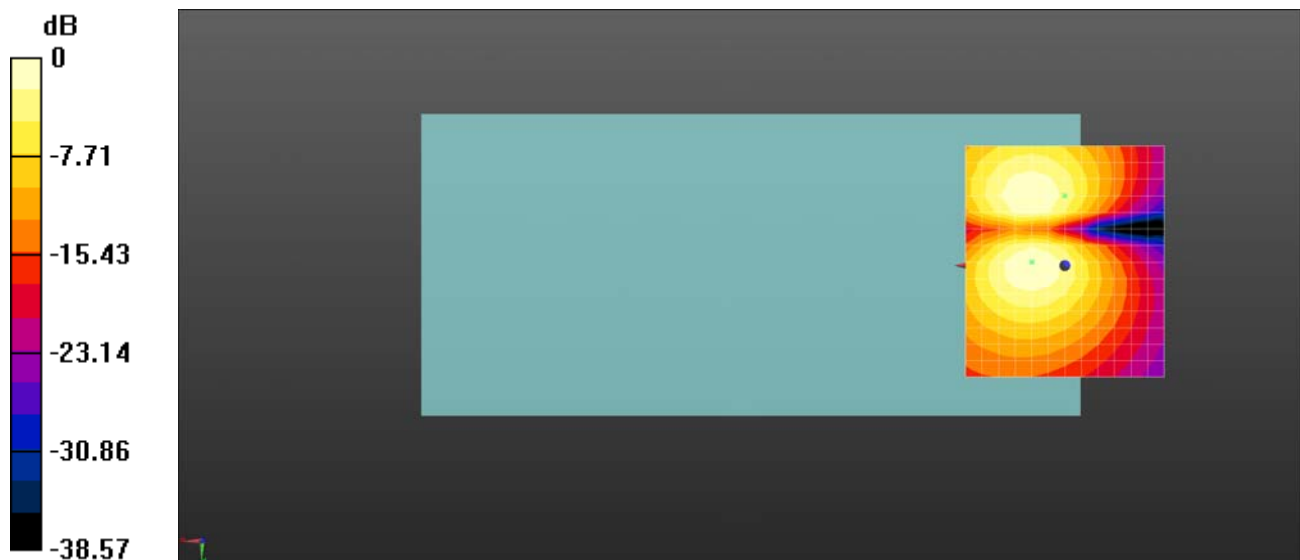
dx=10mm, dy=10mm

ABM1/ABM2 = 33.15 dB

ABM1 comp = -6.53 dBA/m

BWC Factor = 0.04 dB

Location: 0, -17.5, 3.7 mm



0 dB = 45.44 = 33.15 dB

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2023.01.10

**HAC\_T-Coil\_LTE Band 7\_20MHz\_QPSK\_1RB\_0offset\_12.2Kbps\_Ch21100\_Z**

Communication System: UID 10169 - CAB, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK);  
Frequency: 2535 MHz; Duty Cycle: 1:3.74111

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

Ambient Temperature : 23.2 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3128; ; Calibrated: 2022.07.19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1643; Calibrated: 2022.12.30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch21100/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x15x1):** Measurement grid:

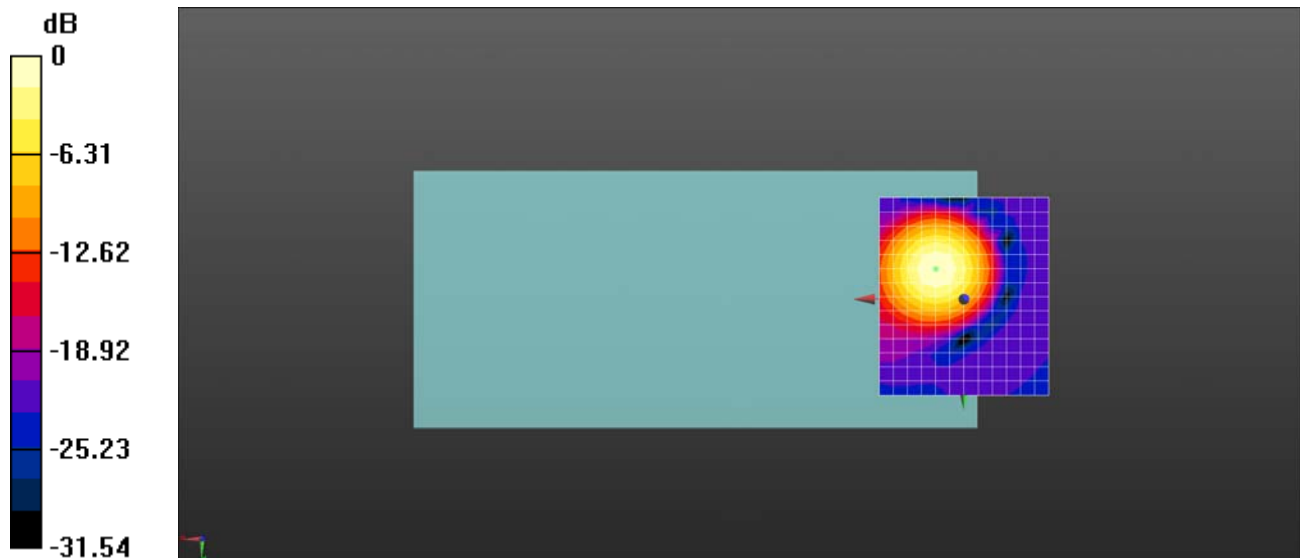
dx=10mm, dy=10mm

ABM1/ABM2 = 33.47 dB

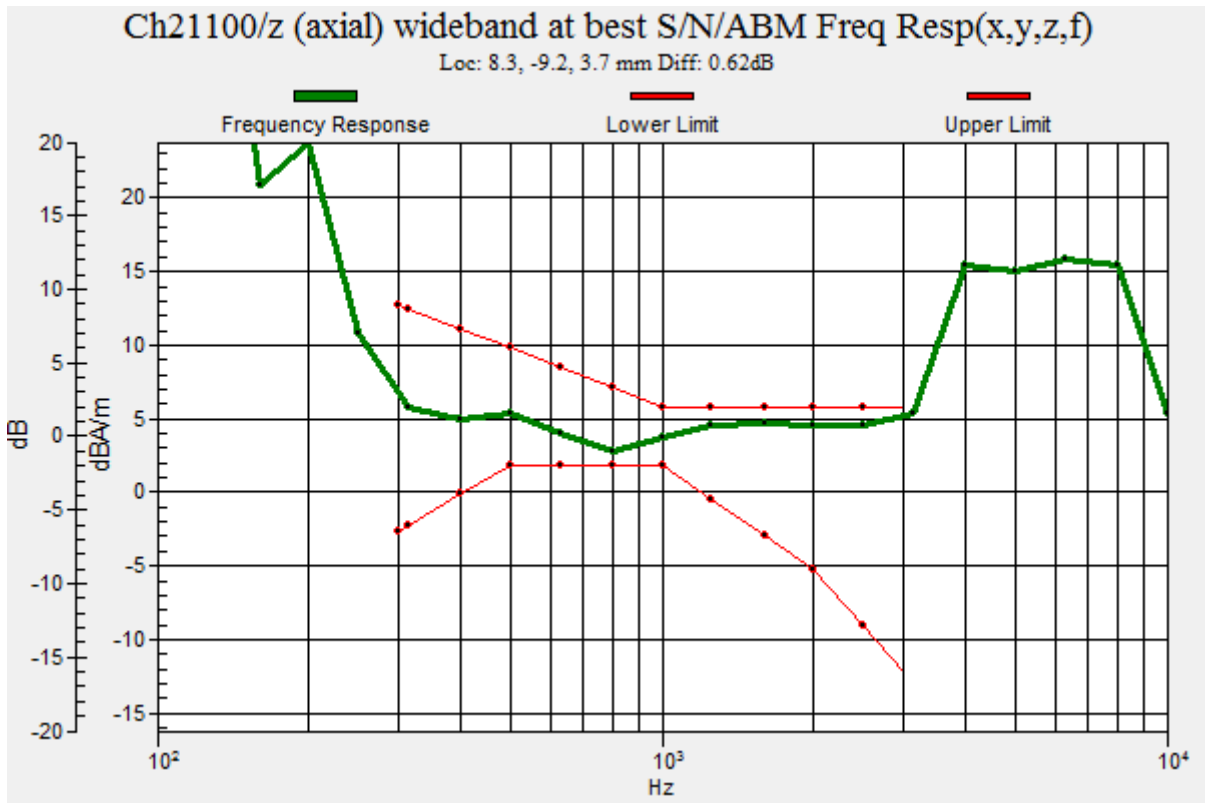
ABM1 comp = 5.60 dBA/m

BWC Factor = 0.04 dB

Location: 8.3, -9.2, 3.7 mm



0 dB = 47.15 = 33.47 dB





Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2023.01.10

**HAC\_T-Coil\_LTE Band 7\_20MHz\_QPSK\_1RB\_0offset\_12.2Kbps\_Ch21100\_Y**

Communication System: UID 10169 - CAB, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK);  
Frequency: 2535 MHz; Duty Cycle: 1:3.74111

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

Ambient Temperature : 23.2 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3128; ; Calibrated: 2022.07.19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1643; Calibrated: 2022.12.30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch21100/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x15x1):** Measurement grid:

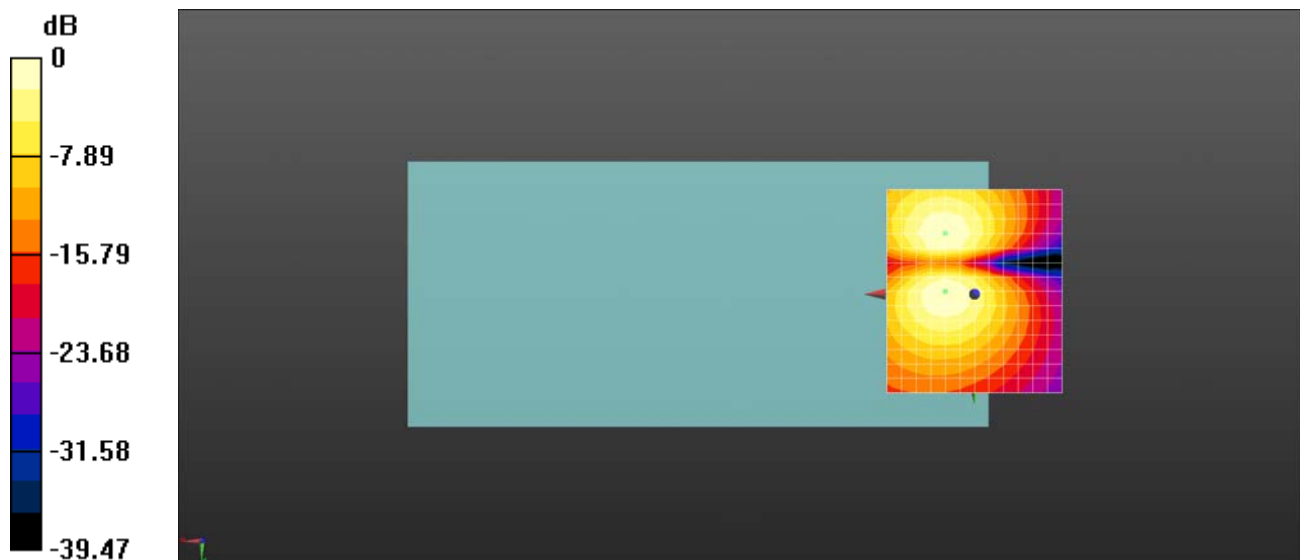
dx=10mm, dy=10mm

ABM1/ABM2 = 33.15 dB

ABM1 comp = -2.48 dBA/m

BWC Factor = 0.04 dB

Location: 8.3, -17.5, 3.7 mm



0 dB = 45.43 = 33.15 dB

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2023.01.10

**HAC\_T-Coil\_LTE Band 12\_10MHz\_QPSK\_1RB\_0offset\_12.2Kbps\_Ch23095\_Z**

Communication System: UID 10175 - CAB, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK);  
Frequency: 707.5 MHz; Duty Cycle: 1:3.7325

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

Ambient Temperature : 23.2 °C

**DASY5 Configuration:**

- Probe: AM1DV3 - 3128; ; Calibrated: 2022.07.19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1643; Calibrated: 2022.12.30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch23095/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x15x1):** Measurement grid:

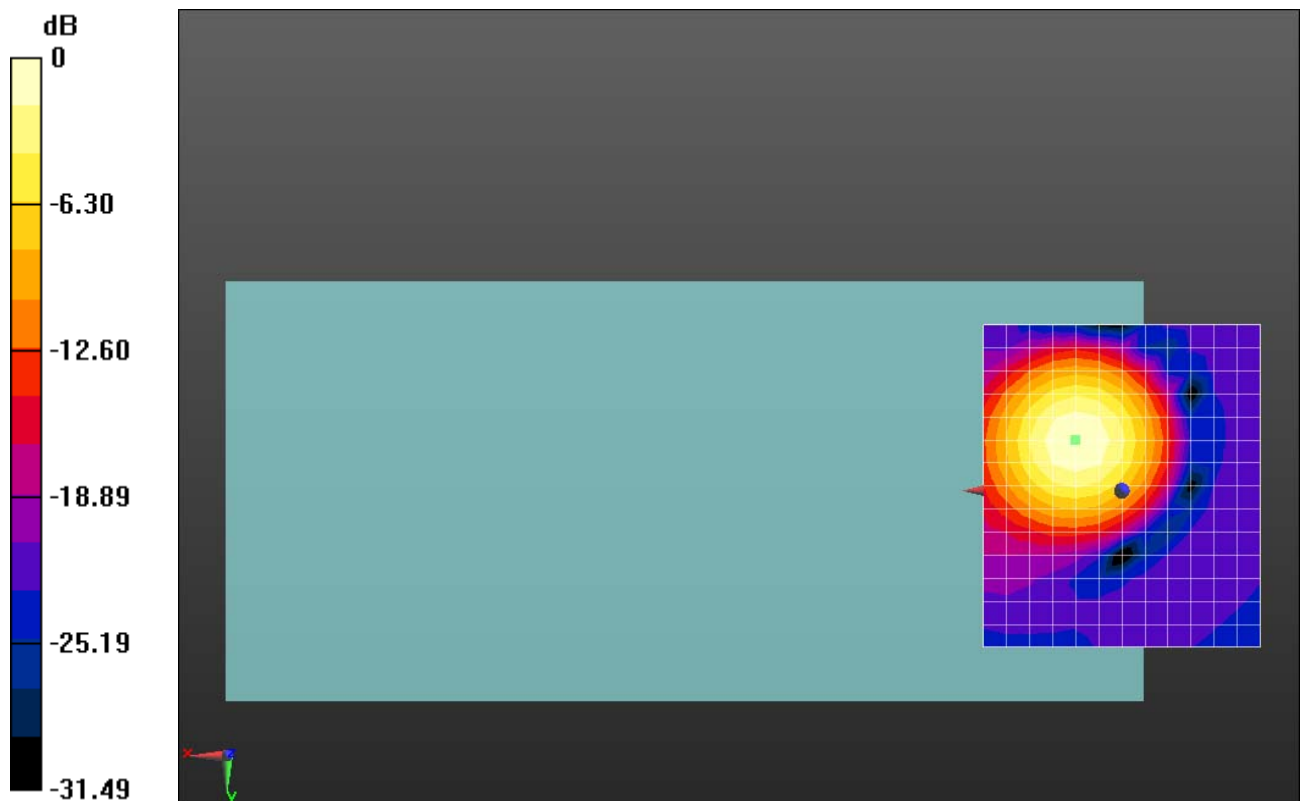
dx=10mm, dy=10mm

ABM1/ABM2 = 33.45 dB

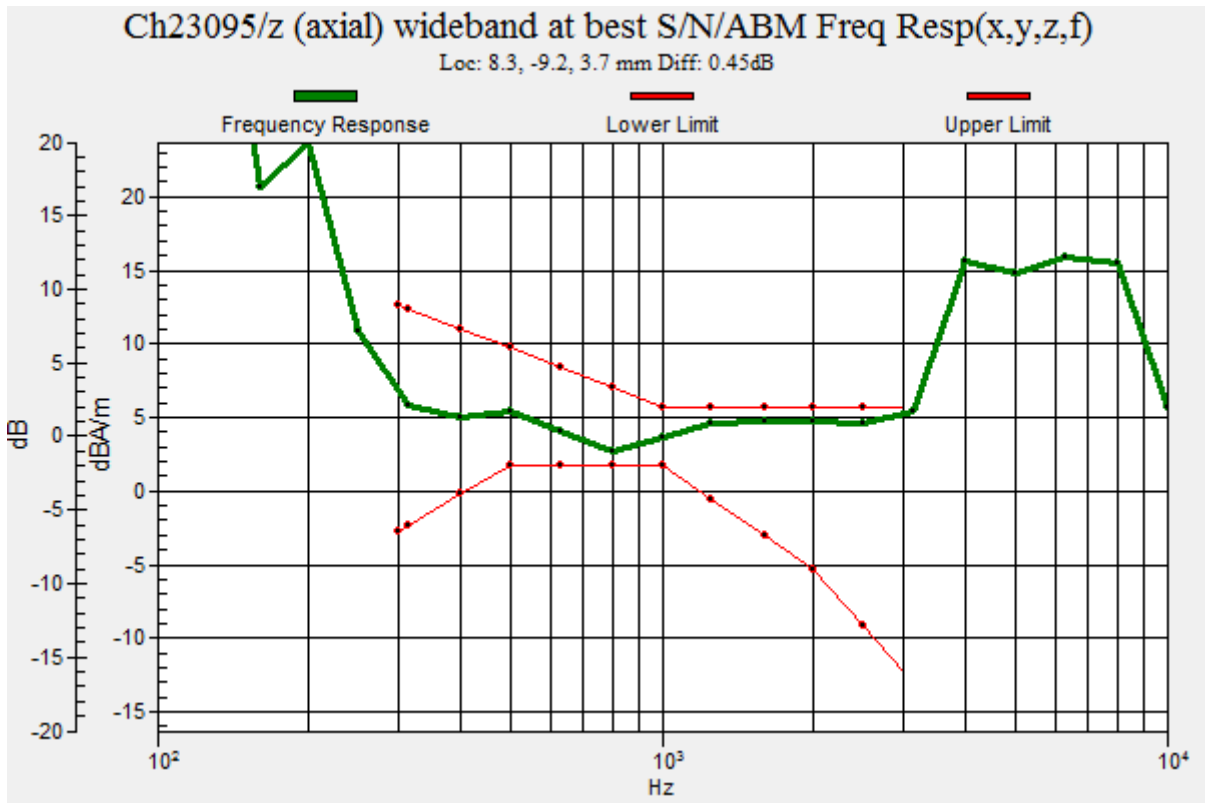
ABM1 comp = 5.61 dBA/m

BWC Factor = 0.04 dB

Location: 8.3, -9.2, 3.7 mm



0 dB = 47.06 = 33.45 dB



Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2023.01.10

**HAC\_T-Coil\_LTE Band 12\_10MHz\_QPSK\_1RB\_0offset\_12.2Kbps\_Ch23095\_Y**

Communication System: UID 10175 - CAB, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK);  
Frequency: 707.5 MHz; Duty Cycle: 1:3.7325

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

Ambient Temperature : 23.2 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3128; ; Calibrated: 2022.07.19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1643; Calibrated: 2022.12.30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch23095/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x15x1):** Measurement grid:

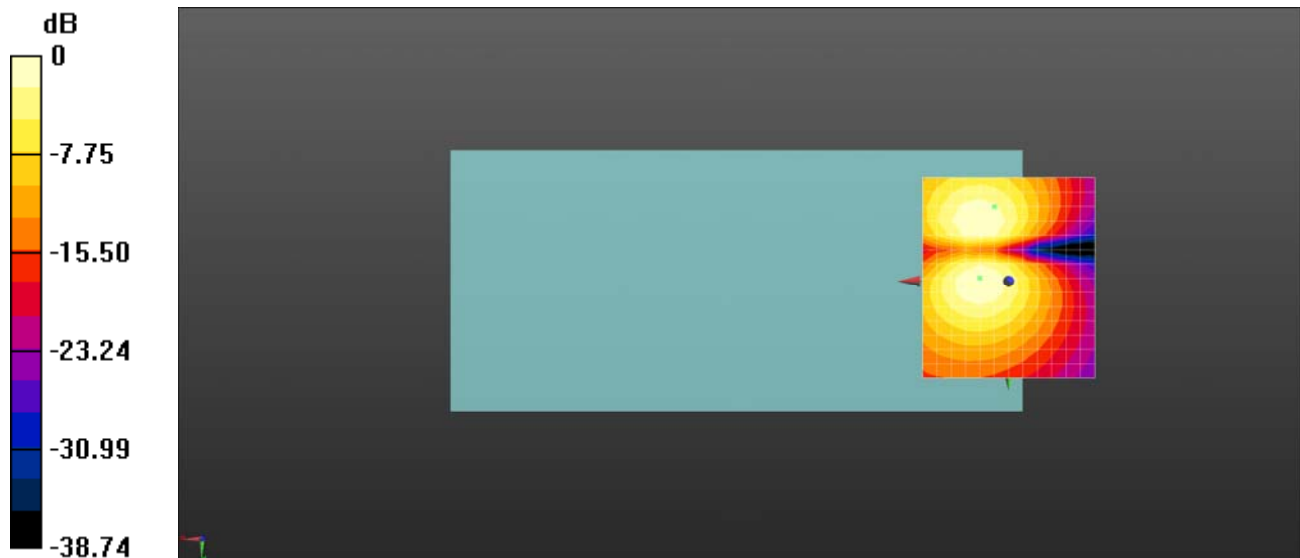
dx=10mm, dy=10mm

ABM1/ABM2 = 33.06 dB

ABM1 comp = -4.91 dBA/m

BWC Factor = 0.04 dB

Location: 4.2, -21.7, 3.7 mm



0 dB = 44.99 = 33.06 dB

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2023.01.11

**HAC\_T-Coil\_LTE Band 13\_10MHz\_QPSK\_1RB\_0offset\_12.2Kbps\_Ch23230\_Z**

Communication System: UID 10175 - CAB, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK);  
Frequency: 782 MHz; Duty Cycle: 1:3.7325

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

Ambient Temperature : 23.2 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3128; ; Calibrated: 2022.07.19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1643; Calibrated: 2022.12.30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch23230/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x15x1):** Measurement grid:

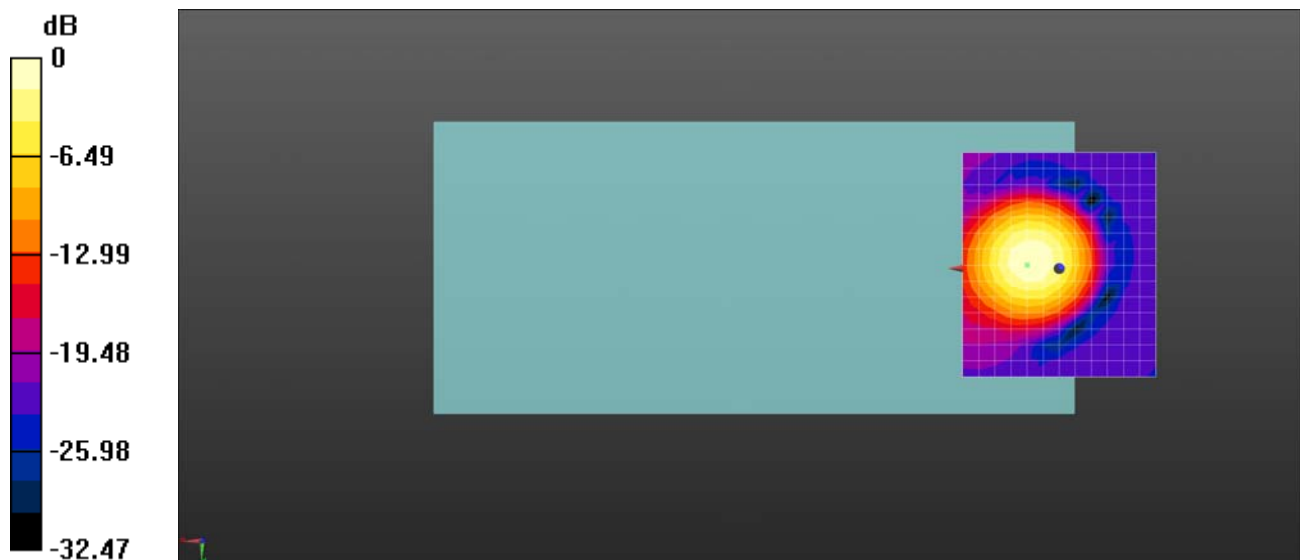
dx=10mm, dy=10mm

ABM1/ABM2 = 33.56 dB

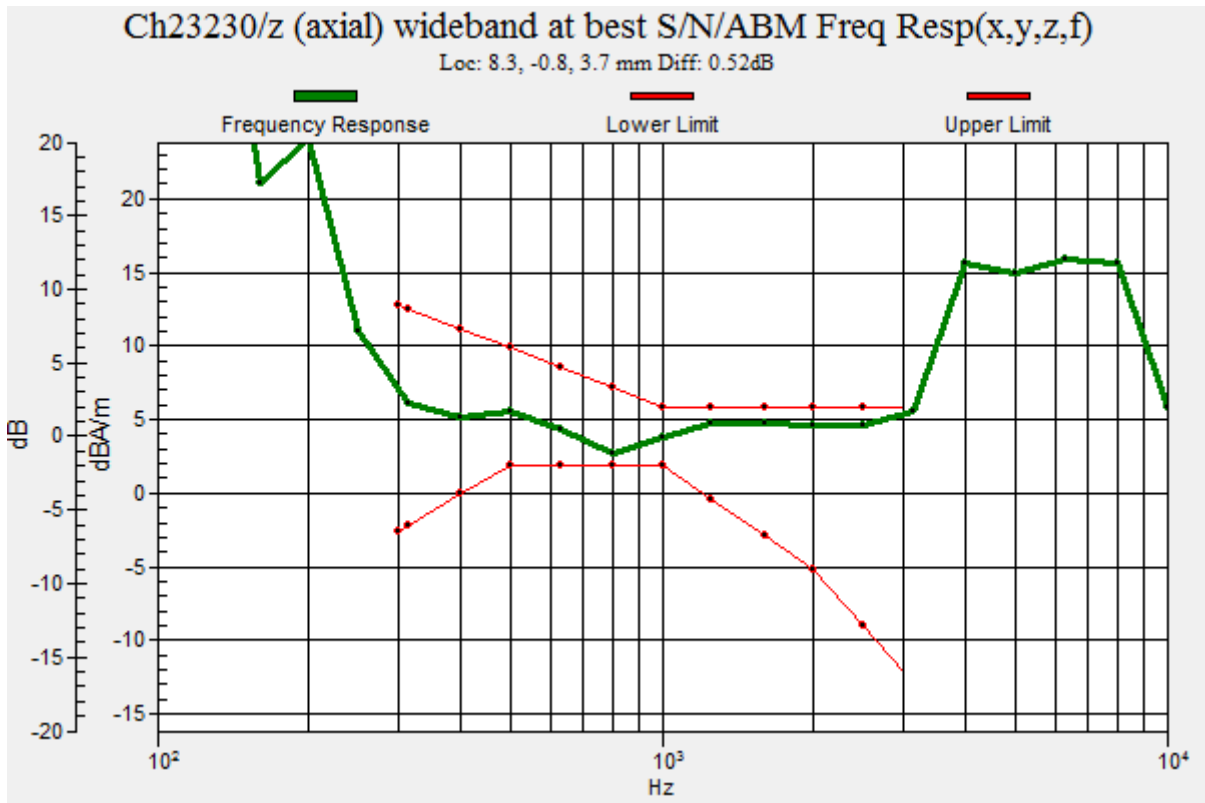
ABM1 comp = 5.75 dBA/m

BWC Factor = 0.04 dB

Location: 8.3, -0.8, 3.7 mm



0 dB = 47.65 = 33.56 dB



Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2023.01.11

**HAC\_T-Coil\_LTE Band 13\_10MHz\_QPSK\_1RB\_0offset\_12.2Kbps\_Ch23230\_Y**

Communication System: UID 10175 - CAB, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK);  
Frequency: 782 MHz; Duty Cycle: 1:3.7325

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

Ambient Temperature : 23.2 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3128; ; Calibrated: 2022.07.19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1643; Calibrated: 2022.12.30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch23230/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x15x1):** Measurement grid:

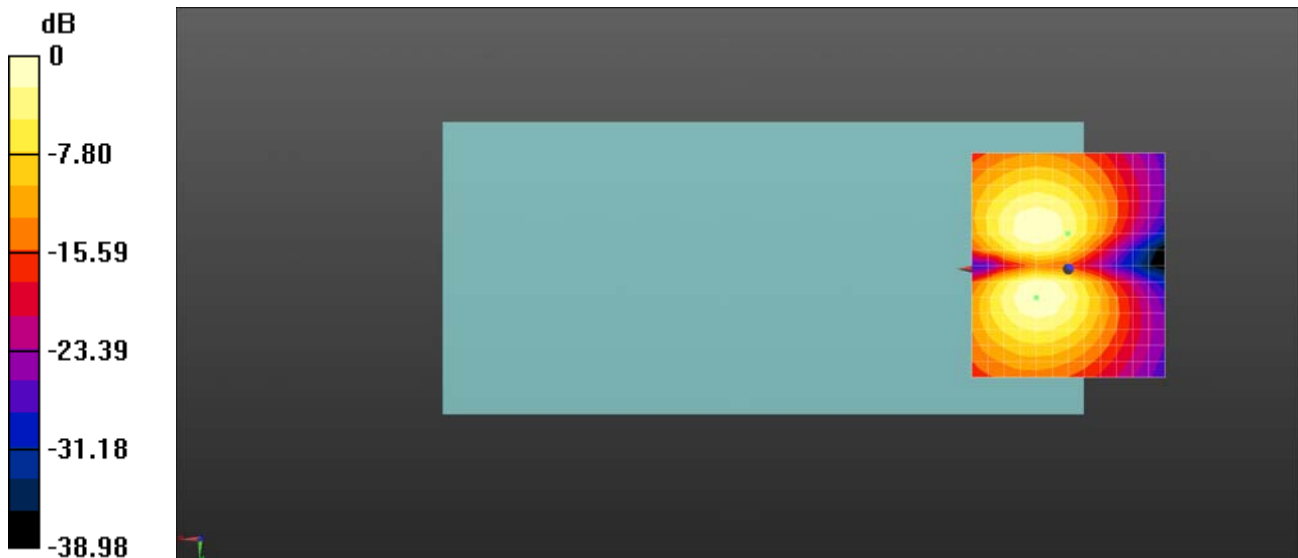
dx=10mm, dy=10mm

ABM1/ABM2 = 33.70 dB

ABM1 comp = -5.49 dBA/m

BWC Factor = 0.04 dB

Location: 0, -9.2, 3.7 mm



0 dB = 48.43 = 33.70 dB

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2023.01.10

**HAC\_T-Coil\_LTE Band 17\_10MHz\_QPSK\_1RB\_0offset\_12.2Kbps\_Ch23790\_Z**

Communication System: UID 10175 - CAB, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK);  
Frequency: 710 MHz; Duty Cycle: 1:3.7325

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

Ambient Temperature : 23.2 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3128; ; Calibrated: 2022.07.19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1643; Calibrated: 2022.12.30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch23790/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x15x1):** Measurement grid:

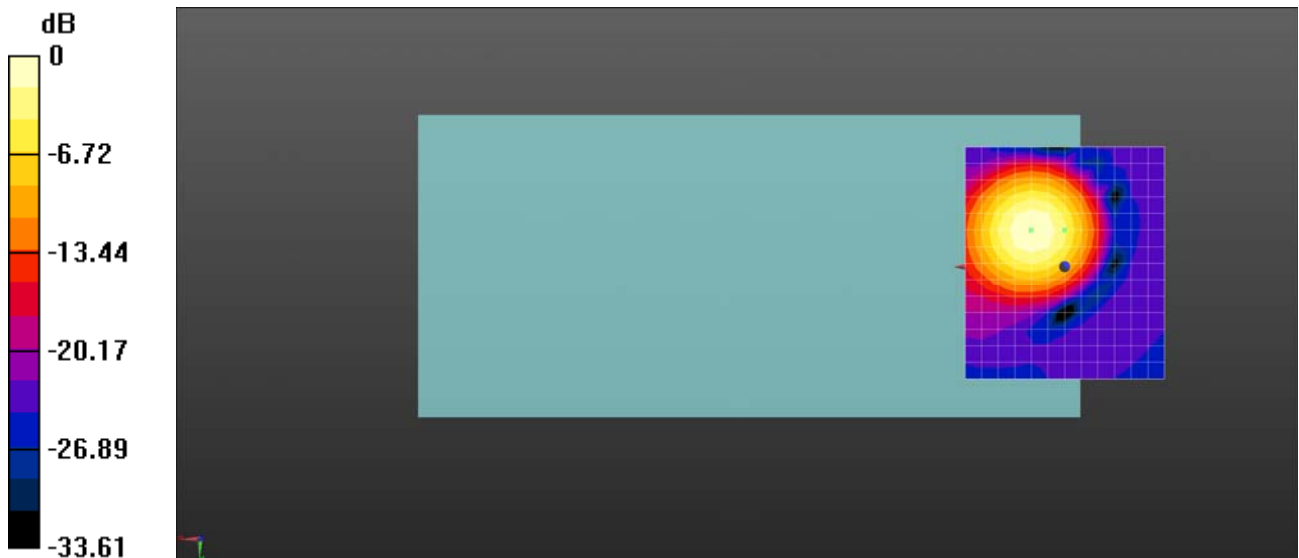
dx=10mm, dy=10mm

ABM1/ABM2 = 33.58 dB

ABM1 comp = 0.11 dBA/m

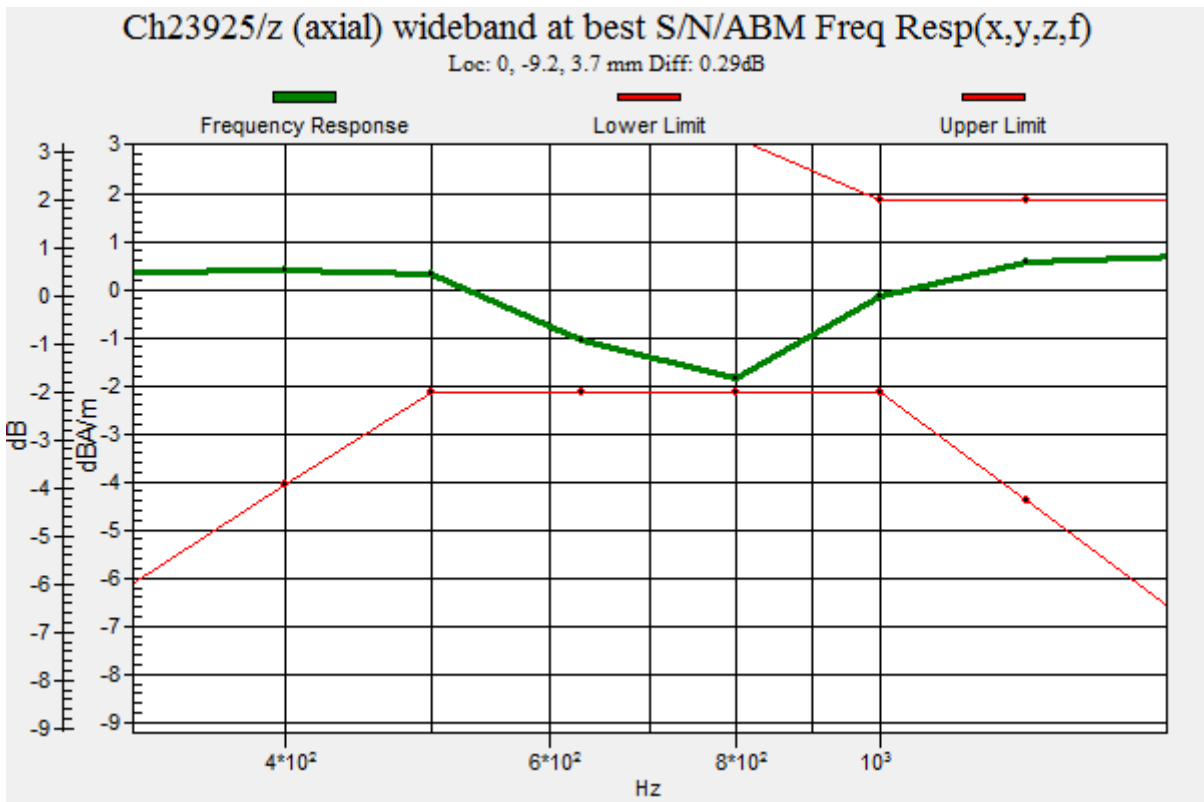
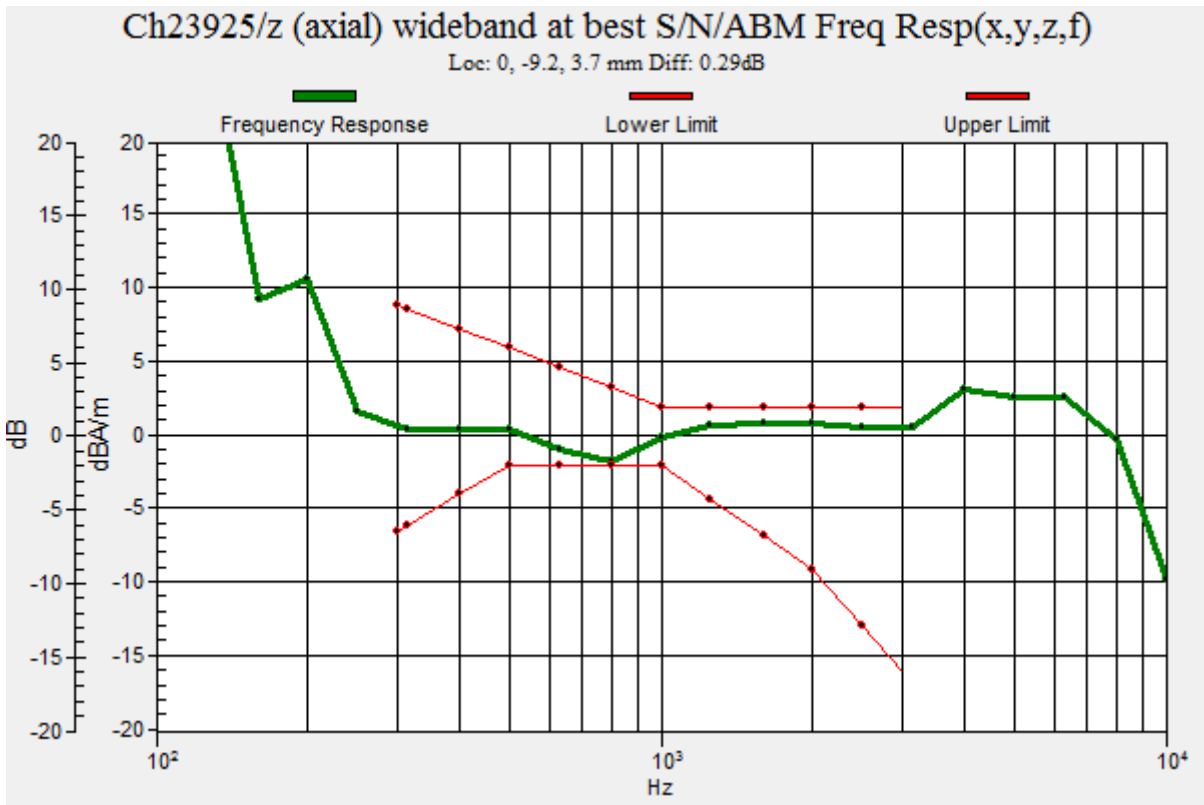
BWC Factor = 0.04 dB

Location: 0, -9.2, 3.7 mm



0 dB = 47.75 = 33.58 dB





Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2023.01.10

**HAC\_T-Coil\_LTE Band 17\_10MHz\_QPSK\_1RB\_0offset\_12.2Kbps\_Ch23790\_Y**

Communication System: UID 10175 - CAB, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK);  
Frequency: 710 MHz; Duty Cycle: 1:3.7325

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

Ambient Temperature : 23.2 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3128; ; Calibrated: 2022.07.19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1643; Calibrated: 2022.12.30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch23790/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x15x1):** Measurement grid:

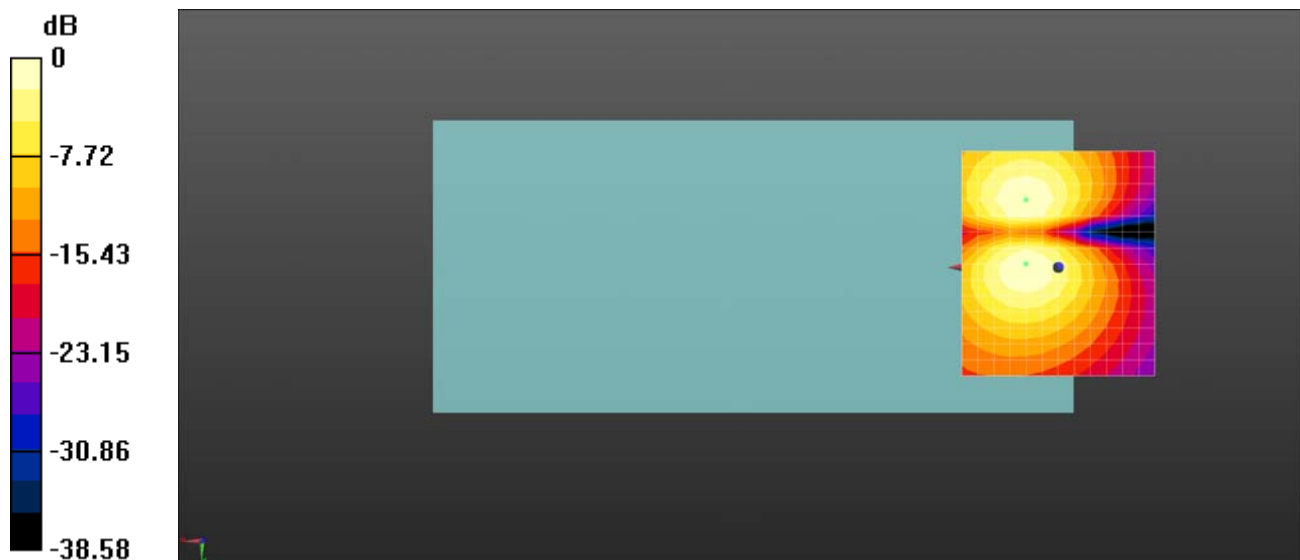
dx=10mm, dy=10mm

ABM1/ABM2 = 33.30 dB

ABM1 comp = -2.38 dBA/m

BWC Factor = 0.04 dB

Location: 8.3, -17.5, 3.7 mm



0 dB = 46.24 = 33.30 dB

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2023.01.11

**HAC\_T-Coil\_LTE Band 18\_10MHz\_QPSK\_1RB\_0offset\_12.2Kbps\_Ch23925\_Z**

Communication System: UID 10175 - CAB, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK);  
Frequency: 822.5 MHz; Duty Cycle: 1:3.7325

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

Ambient Temperature : 23.2 °C

**DASY5 Configuration:**

- Probe: AM1DV3 - 3128; ; Calibrated: 2022.07.19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1643; Calibrated: 2022.12.30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch23925/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x15x1):** Measurement grid:

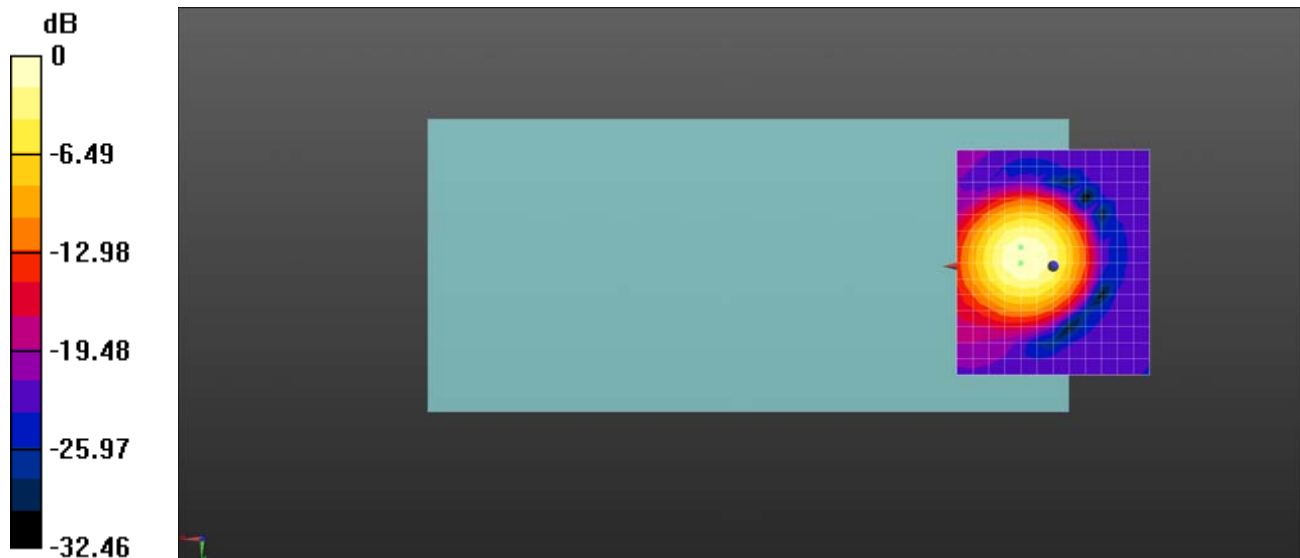
dx=10mm, dy=10mm

ABM1/ABM2 = 33.52 dB

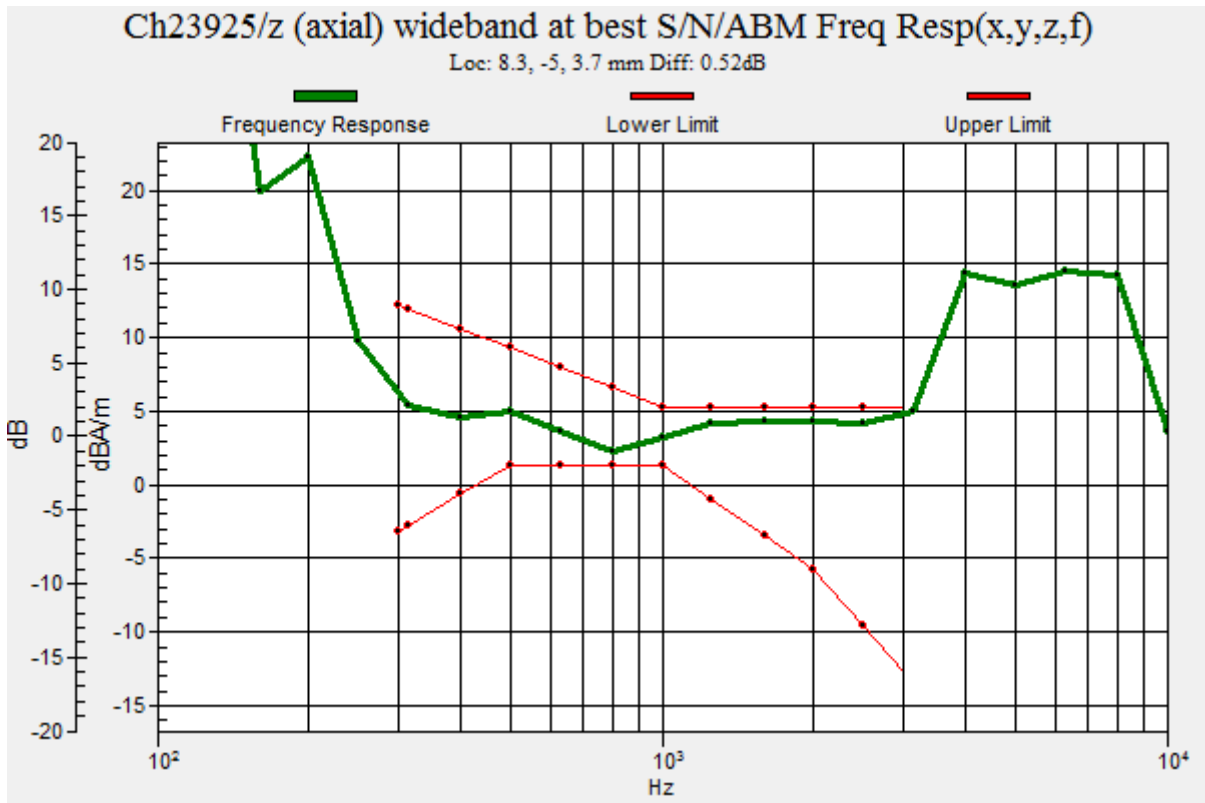
ABM1 comp = 5.07 dBA/m

BWC Factor = 0.04 dB

Location: 8.3, -5, 3.7 mm



0 dB = 47.40 = 33.52 dB



Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2023.01.11

**HAC\_T-Coil\_LTE Band 18\_10MHz\_QPSK\_1RB\_0offset\_12.2Kbps\_Ch23925\_Y**

Communication System: UID 10175 - CAB, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK);  
Frequency: 822.5 MHz; Duty Cycle: 1:3.7325

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

Ambient Temperature : 23.2 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3128; ; Calibrated: 2022.07.19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1643; Calibrated: 2022.12.30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch23925/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x15x1):** Measurement grid:

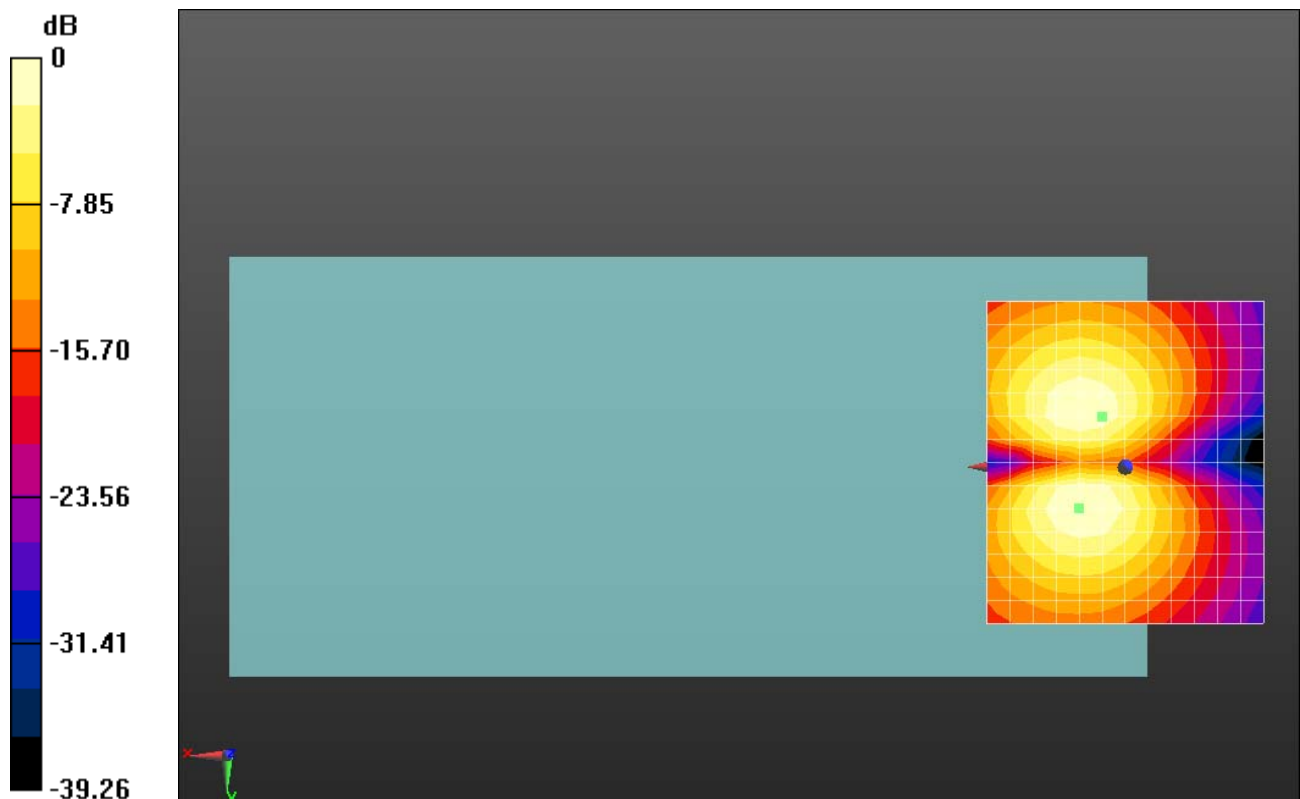
dx=10mm, dy=10mm

ABM1/ABM2 = 33.55 dB

ABM1 comp = -2.82 dBA/m

BWC Factor = 0.04 dB

Location: 4.2, -9.2, 3.7 mm



0 dB = 47.56 = 33.54 dB

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2023.01.10

**HAC\_T-Coil\_LTE Band 25\_20MHz\_QPSK\_1RB\_0offset\_12.2Kbps\_Ch26365\_Z**

Communication System: UID 10169 - CAB, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK);  
Frequency: 1882.5 MHz; Duty Cycle: 1:3.74111

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

Ambient Temperature : 23.2 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3128; ; Calibrated: 2022.07.19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1643; Calibrated: 2022.12.30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch26365/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x15x1):** Measurement grid:

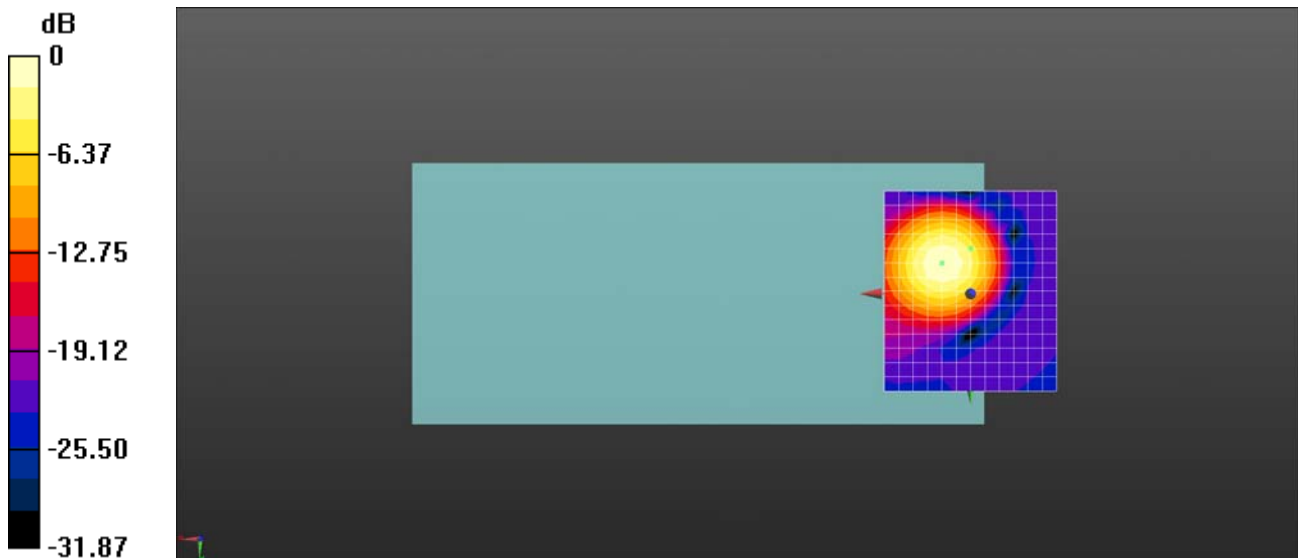
dx=10mm, dy=10mm

ABM1/ABM2 = 33.46 dB

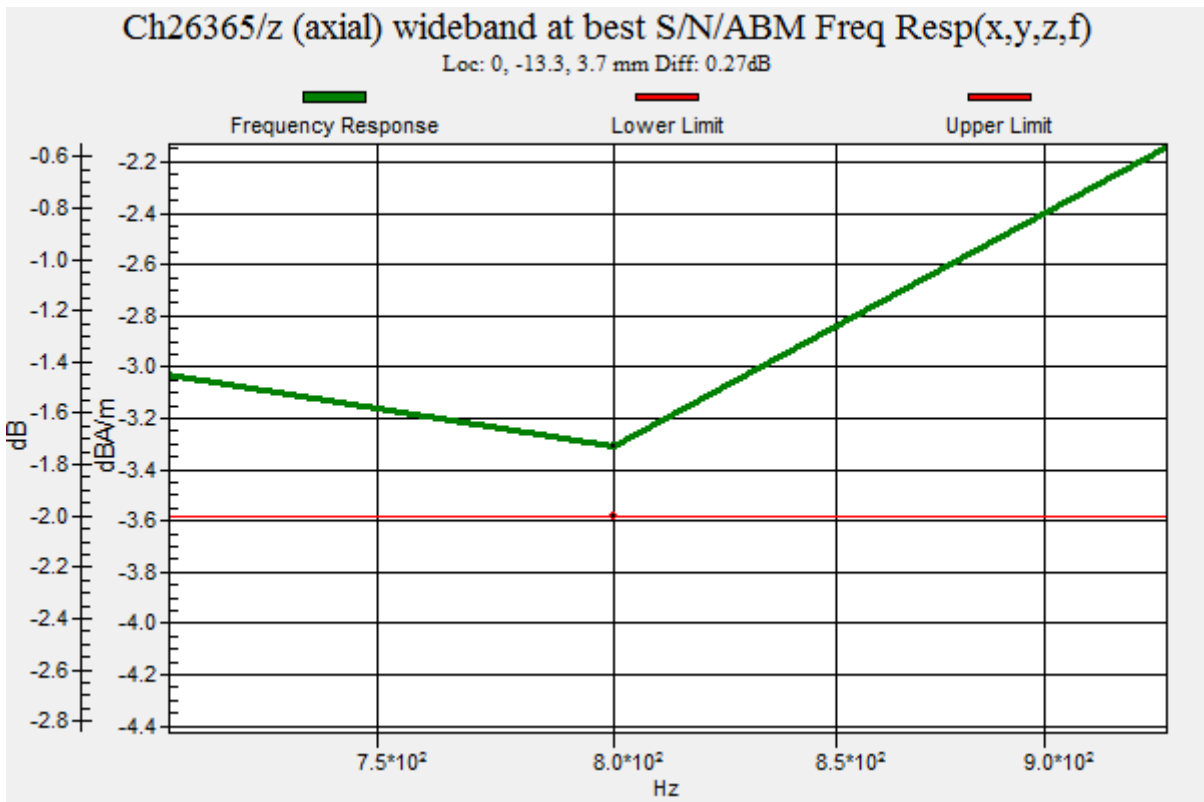
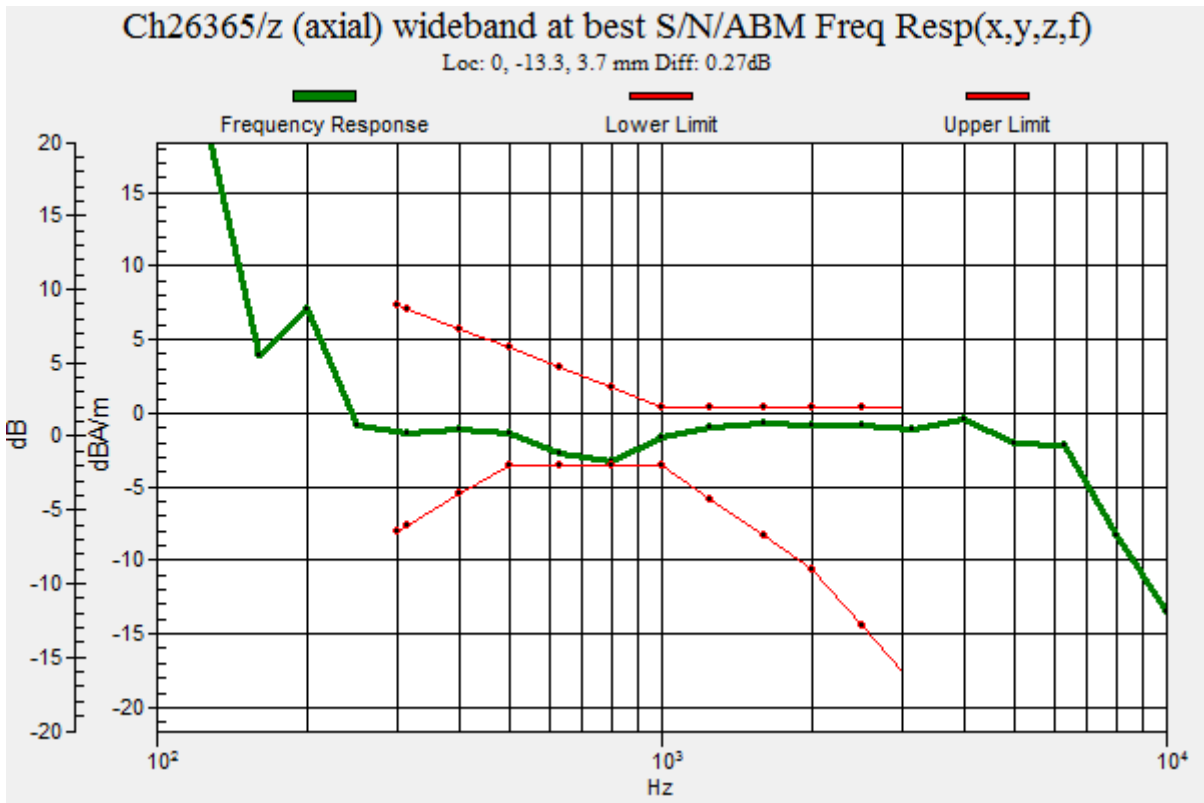
ABM1 comp = -1.81 dBA/m

BWC Factor = 0.05 dB

Location: 0, -13.3, 3.7 mm



0 dB = 47.08 = 33.46 dB



Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2023.01.10

**HAC\_T-Coil\_LTE Band 25\_20MHz\_QPSK\_1RB\_0offset\_12.2Kbps\_Ch26365\_Y**

Communication System: UID 10169 - CAB, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK);  
Frequency: 1882.5 MHz; Duty Cycle: 1:3.74111

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

Ambient Temperature : 23.2 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3128; ; Calibrated: 2022.07.19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1643; Calibrated: 2022.12.30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch26365/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x15x1):** Measurement grid:

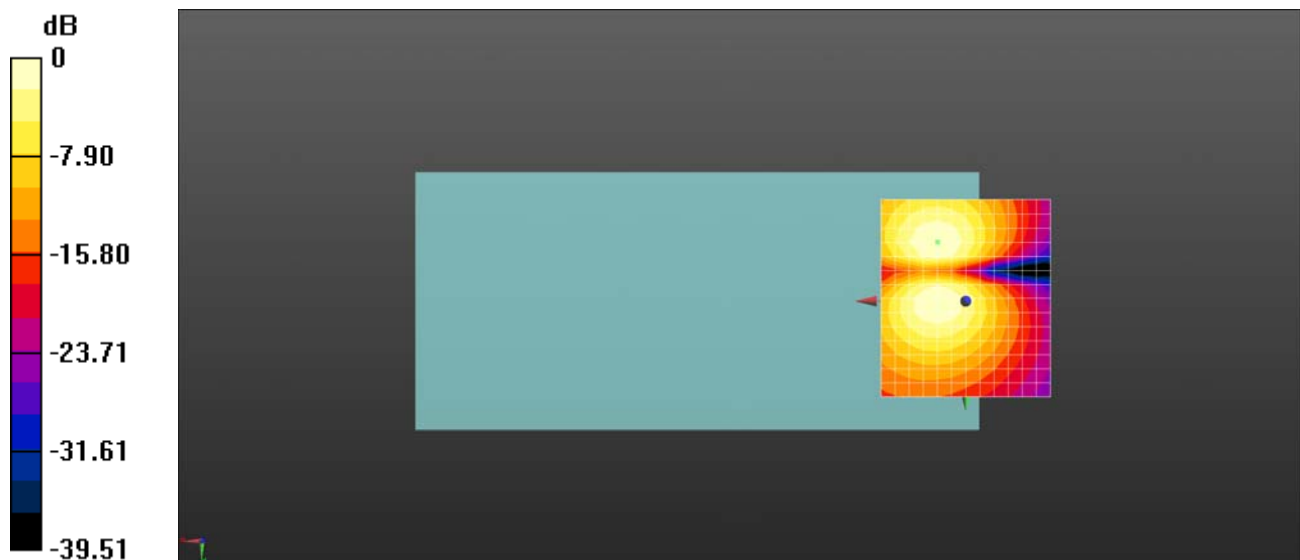
dx=10mm, dy=10mm

ABM1/ABM2 = 33.46 dB

ABM1 comp = -2.33 dBA/m

BWC Factor = 0.05 dB

Location: 8.3, -17.5, 3.7 mm



0 dB = 47.09 = 33.46 dB



Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2023.01.11

**HAC\_T-Coil\_LTE Band 26\_15MHz\_QPSK\_1RB\_0offset\_12.2Kbps\_Ch26865\_Z**

Communication System: UID 10181 - CAB, LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK);  
Frequency: 831.5 MHz; Duty Cycle: 1:3.7325

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

Ambient Temperature : 23.2 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3128; ; Calibrated: 2022.07.19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1643; Calibrated: 2022.12.30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch26865/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x15x1):** Measurement grid:

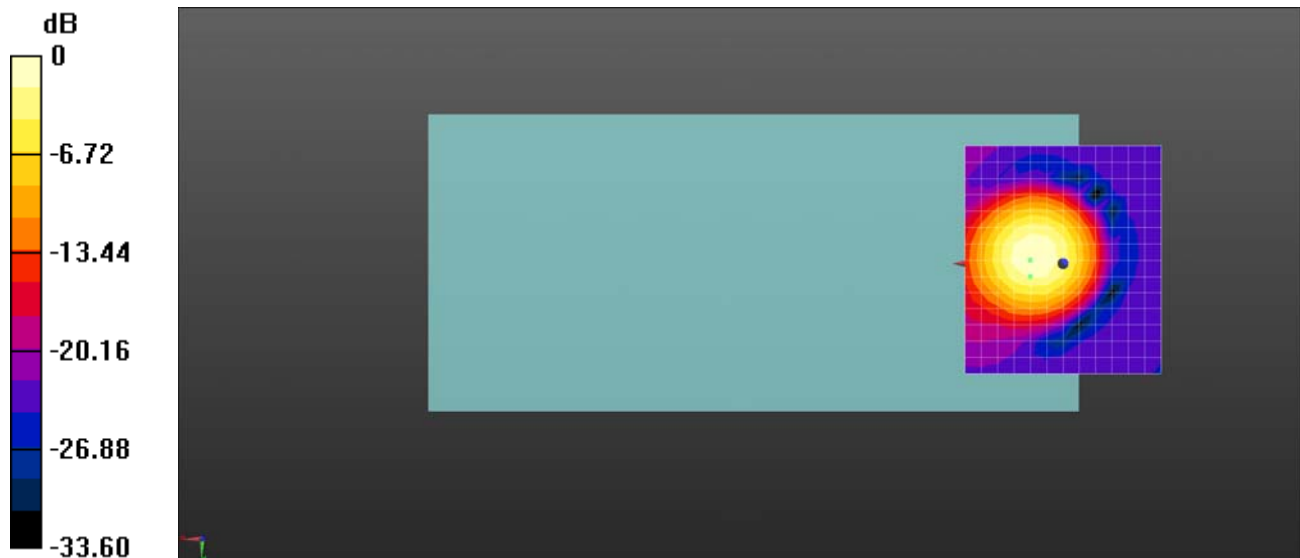
dx=10mm, dy=10mm

ABM1/ABM2 = 33.52 dB

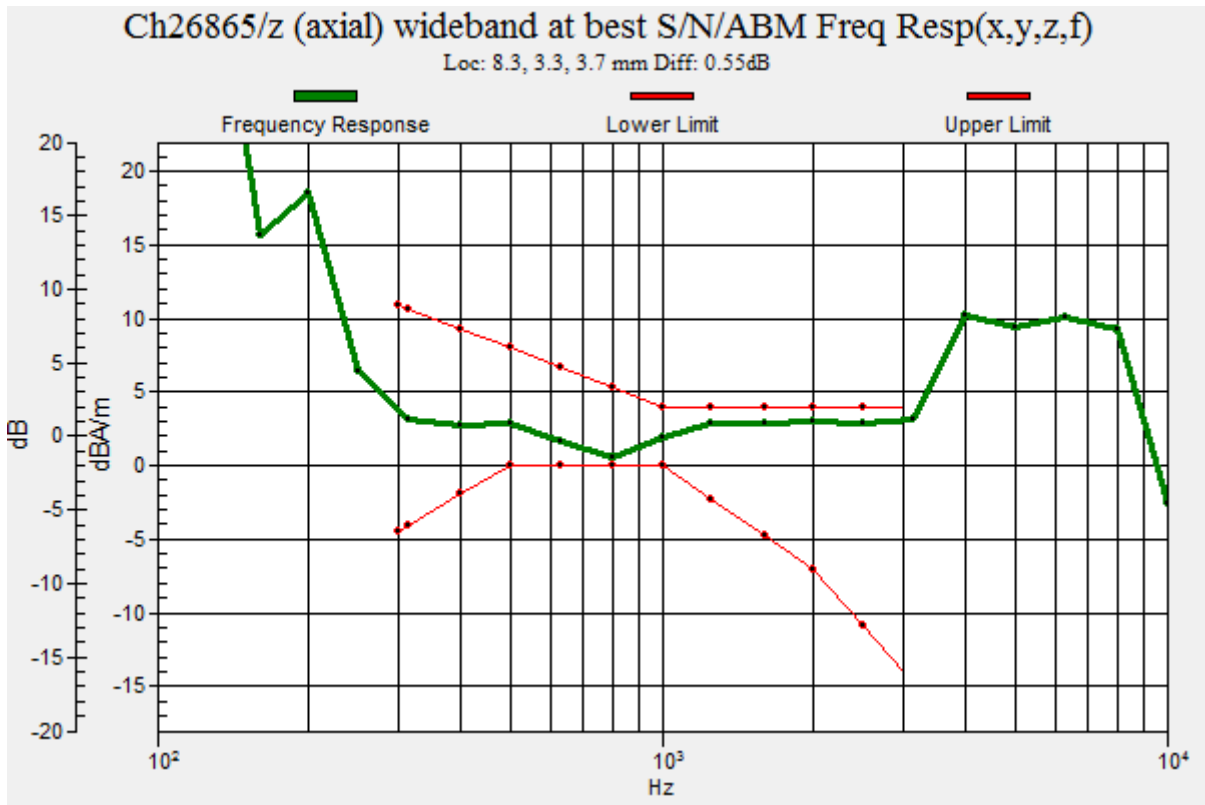
ABM1 comp = 2.82 dBA/m

BWC Factor = 0.04 dB

Location: 8.3, 3.3, 3.7 mm



0 dB = 47.43 = 33.52 dB



Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2023.01.11

**HAC\_T-Coil\_LTE Band 26\_15MHz\_QPSK\_1RB\_0offset\_12.2Kbps\_Ch26865\_Y**

Communication System: UID 10181 - CAB, LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK);  
Frequency: 831.5 MHz; Duty Cycle: 1:3.7325

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

Ambient Temperature : 23.2 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3128; ; Calibrated: 2022.07.19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1643; Calibrated: 2022.12.30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch26865/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x15x1):** Measurement grid:

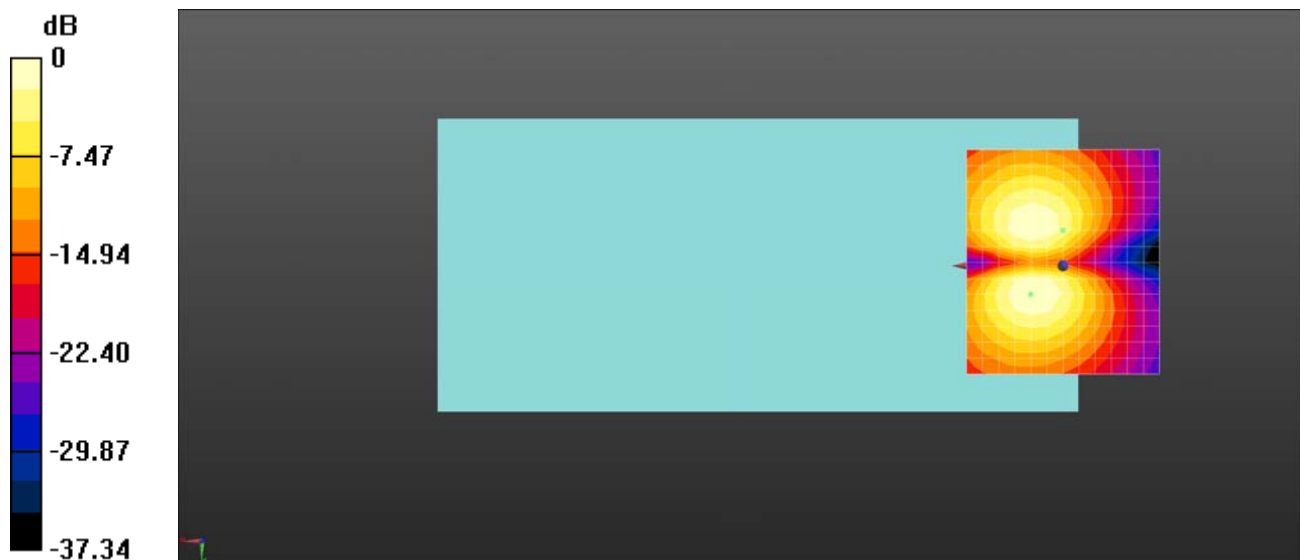
dx=10mm, dy=10mm

ABM1/ABM2 = 33.49 dB

ABM1 comp = -5.55 dBA/m

BWC Factor = 0.04 dB

Location: 0, -9.2, 3.7 mm



0 dB = 47.25 = 33.49 dB

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2023.01.11

**HAC\_T-Coil\_LTE Band 38\_20MHz\_QPSK\_1RB\_0offset\_12.2Kbps\_Ch38000\_Z**

Communication System: UID 10172 - CAB, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK);  
Frequency: 2595 MHz; Duty Cycle: 1:8.33681

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

Ambient Temperature : 23.2 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3128; ; Calibrated: 2022.07.19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1643; Calibrated: 2022.12.30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch38000/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x15x1):** Measurement grid:

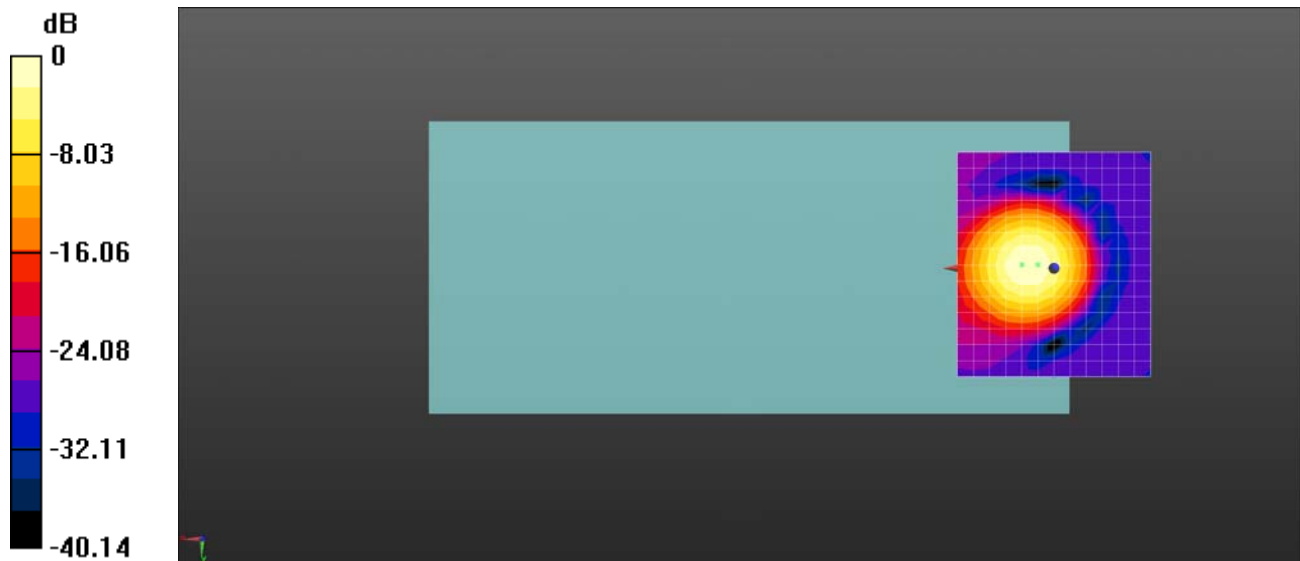
dx=10mm, dy=10mm

ABM1/ABM2 = 33.17 dB

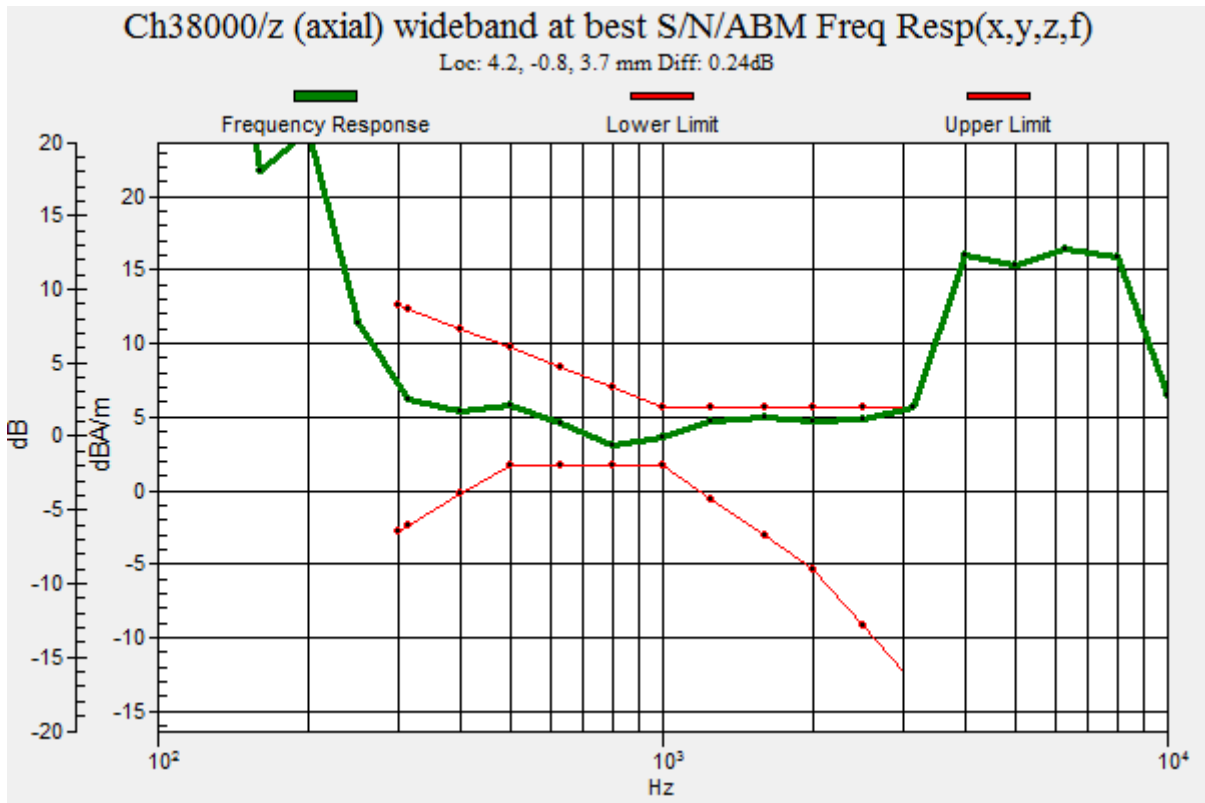
ABM1 comp = 5.91 dBA/m

BWC Factor = 0.04 dB

Location: 4.2, -0.8, 3.7 mm



0 dB = 45.56 = 33.17 dB



Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2023.01.11

**HAC\_T-Coil\_LTE Band 38\_20MHz\_QPSK\_1RB\_0offset\_12.2Kbps\_Ch38000\_Y**

Communication System: UID 10172 - CAB, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK);  
Frequency: 2595 MHz; Duty Cycle: 1:8.33681

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

Ambient Temperature : 23.2 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3128; ; Calibrated: 2022.07.19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1643; Calibrated: 2022.12.30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch38000/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x15x1):** Measurement grid:

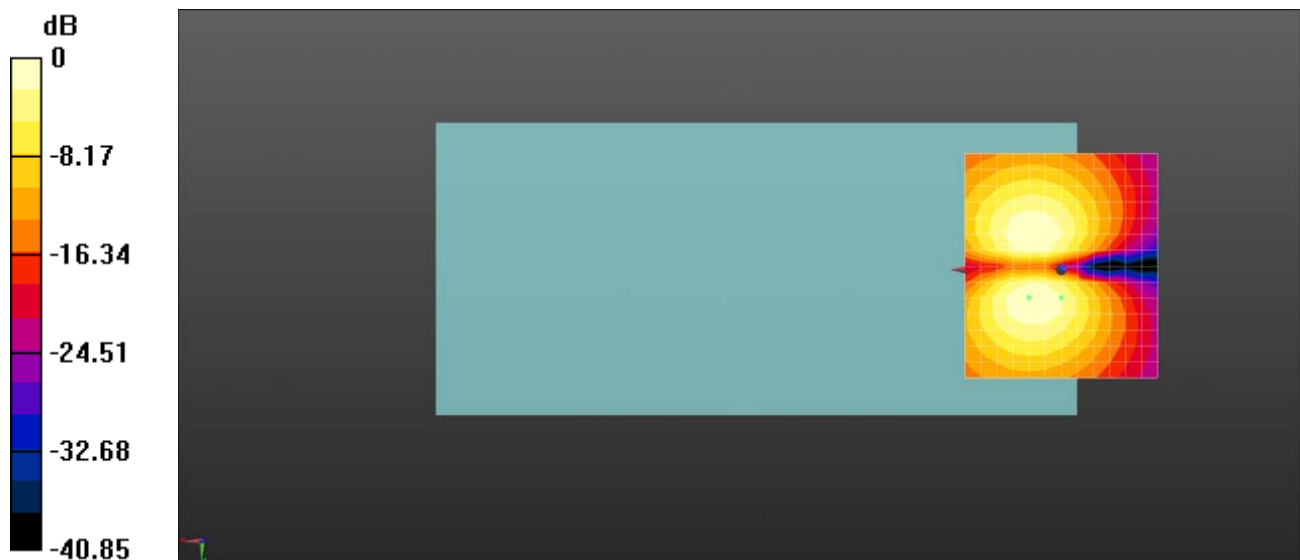
dx=10mm, dy=10mm

ABM1/ABM2 = 32.77 dB

ABM1 comp = -4.24 dBA/m

BWC Factor = 0.04 dB

Location: 0, 7.5, 3.7 mm



0 dB = 43.51 = 32.77 dB

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2023.01.11

**HAC\_T-Coil\_LTE Band 40A\_10MHz\_QPSK\_1RB\_0offset\_12.2Kbps\_Ch38750\_Z**

Communication System: UID 10237 - CAB, LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK);  
Frequency: 2310 MHz; Duty Cycle: 1:8.33681

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

Ambient Temperature : 23.2 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3128; ; Calibrated: 2022.07.19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1643; Calibrated: 2022.12.30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch38750/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x15x1):** Measurement grid:

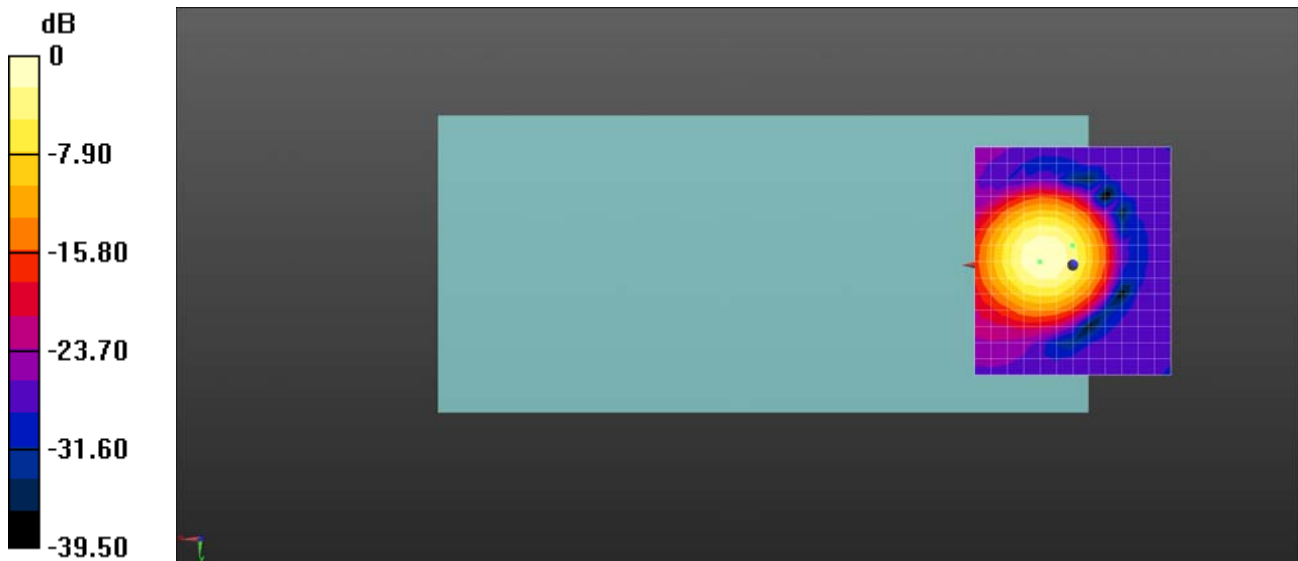
dx=10mm, dy=10mm

ABM1/ABM2 = 32.32 dB

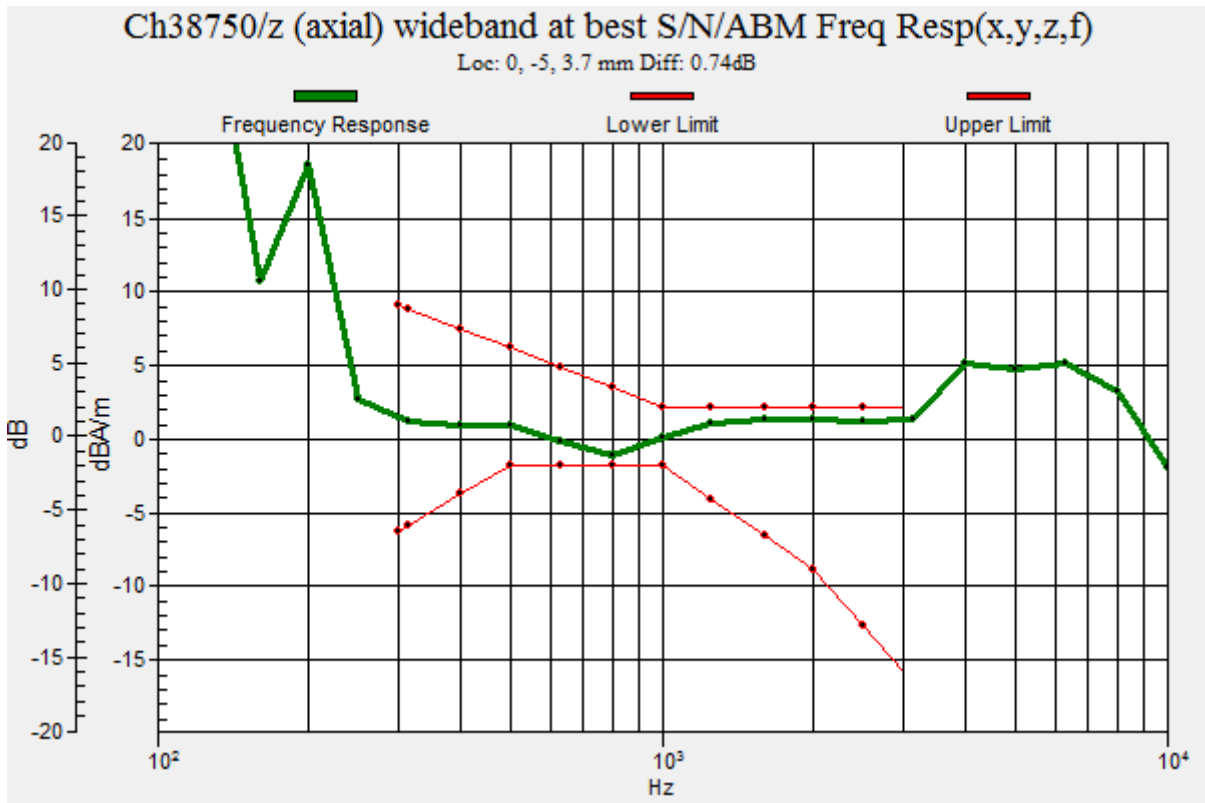
ABM1 comp = 0.70 dBA/m

BWC Factor = 0.04 dB

Location: 0, -5, 3.7 mm



0 dB = 41.31 = 32.32 dB





Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2023.01.11

**HAC\_T-Coil\_LTE Band 40A\_10MHz\_QPSK\_1RB\_0offset\_12.2Kbps\_Ch38750\_Y**

Communication System: UID 10237 - CAB, LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK);  
Frequency: 2310 MHz; Duty Cycle: 1:8.33681

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

Ambient Temperature : 23.2 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3128; ; Calibrated: 2022.07.19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1643; Calibrated: 2022.12.30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch38750/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x15x1):** Measurement grid:

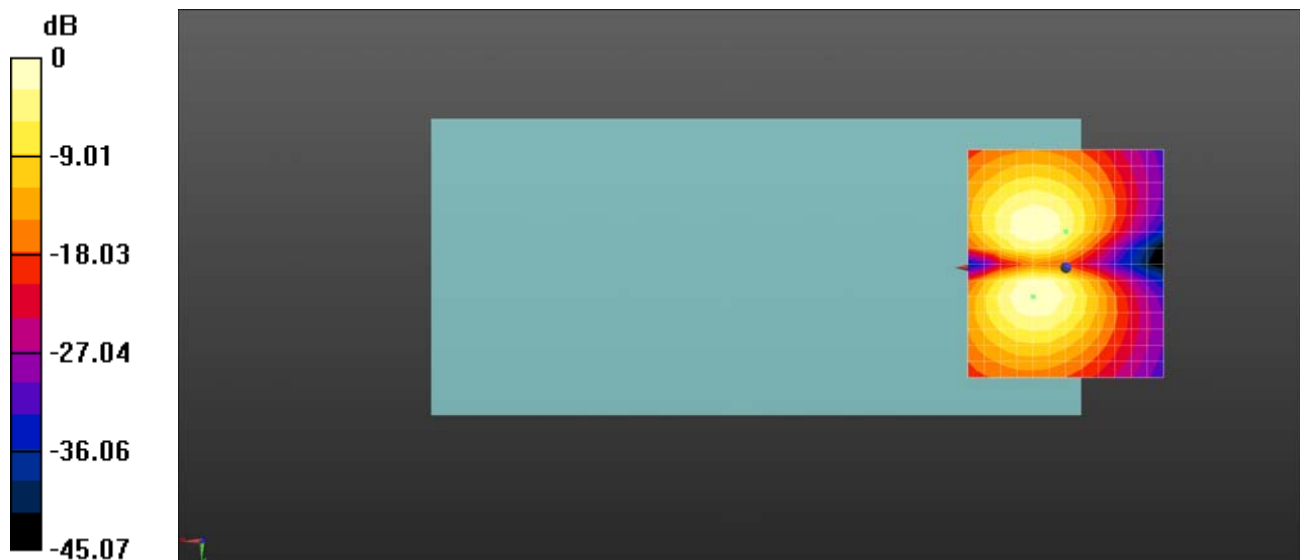
dx=10mm, dy=10mm

ABM1/ABM2 = 31.35 dB

ABM1 comp = -5.60 dBA/m

BWC Factor = 0.04 dB

Location: 0, -9.2, 3.7 mm



0 dB = 36.93 = 31.35 dB

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2023.01.11

**HAC\_T-Coil\_LTE Band 40B\_10MHz\_QPSK\_1RB\_0offset\_12.2Kbps\_Ch39200\_Z**

Communication System: UID 10237 - CAB, LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK);  
Frequency: 2355 MHz; Duty Cycle: 1:8.33681

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

Ambient Temperature : 23.2 °C

**DASY5 Configuration:**

- Probe: AM1DV3 - 3128; ; Calibrated: 2022.07.19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1643; Calibrated: 2022.12.30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch39200/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x15x1):** Measurement grid:

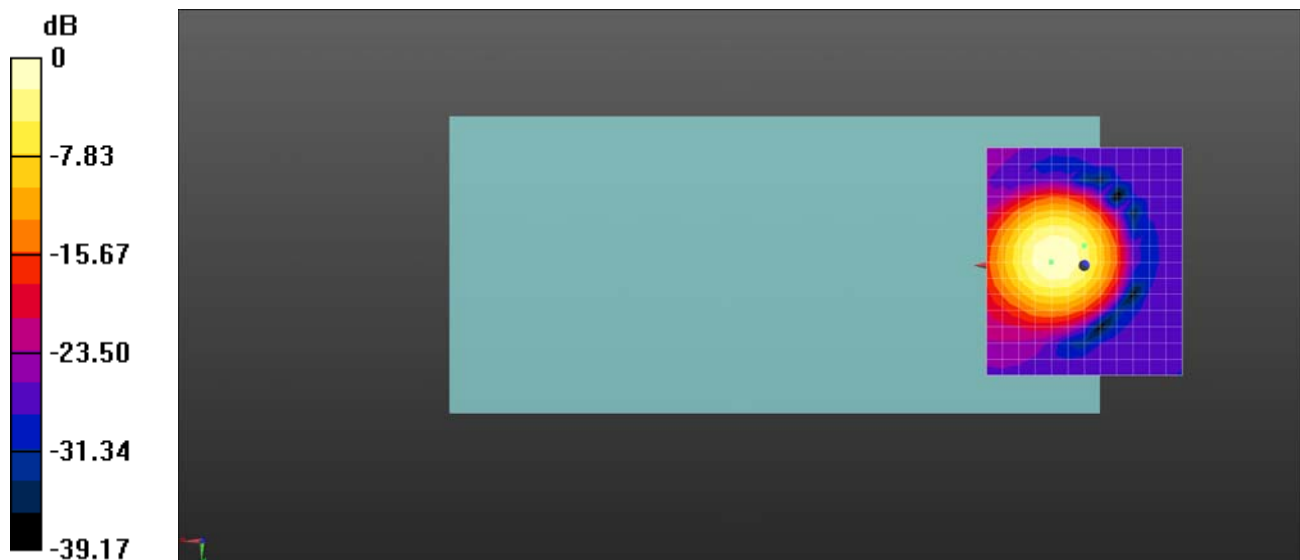
dx=10mm, dy=10mm

ABM1/ABM2 = 32.41 dB

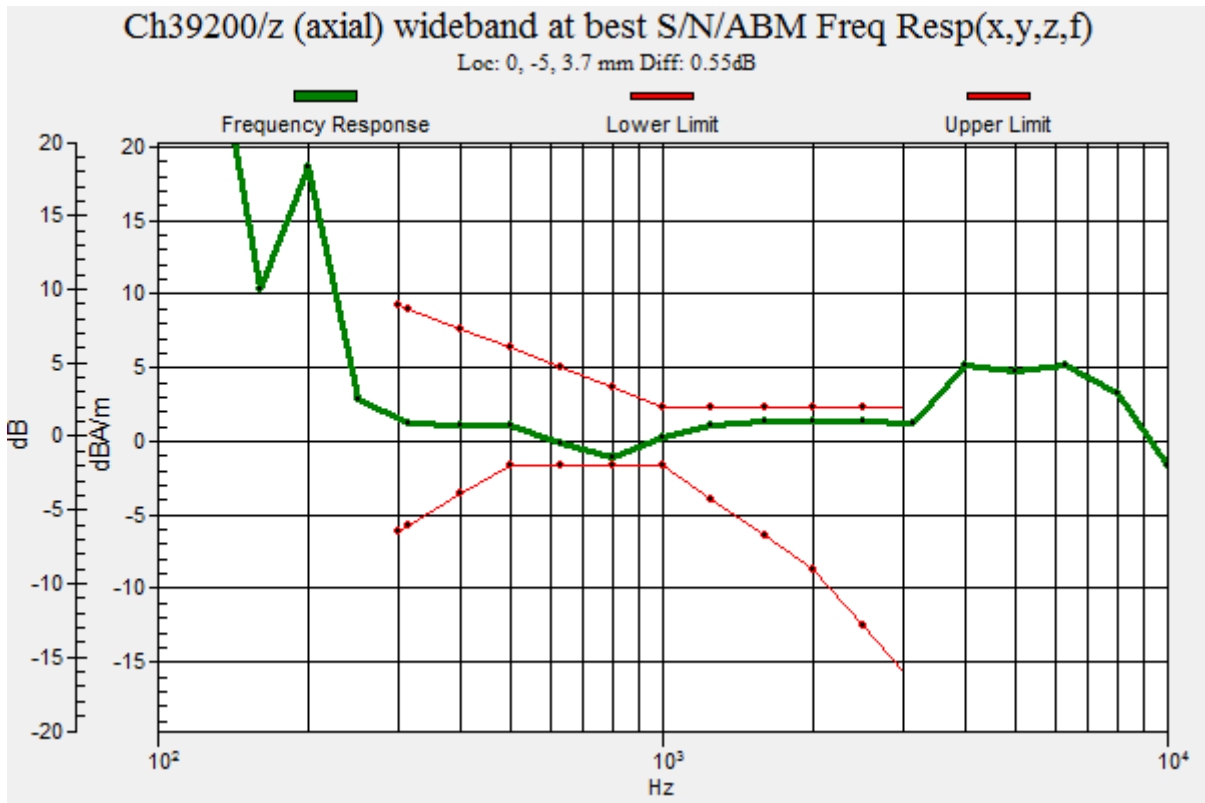
ABM1 comp = 0.67 dBA/m

BWC Factor = 0.04 dB

Location: 0, -5, 3.7 mm



0 dB = 41.73 = 32.41 dB



Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2023.01.11

**HAC\_T-Coil\_LTE Band 40B\_10MHz\_QPSK\_1RB\_0offset\_12.2Kbps\_Ch39200\_Y**

Communication System: UID 10237 - CAB, LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK);  
Frequency: 2355 MHz; Duty Cycle: 1:8.33681

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

Ambient Temperature : 23.2 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3128; ; Calibrated: 2022.07.19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1643; Calibrated: 2022.12.30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch39200/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x15x1):** Measurement grid:

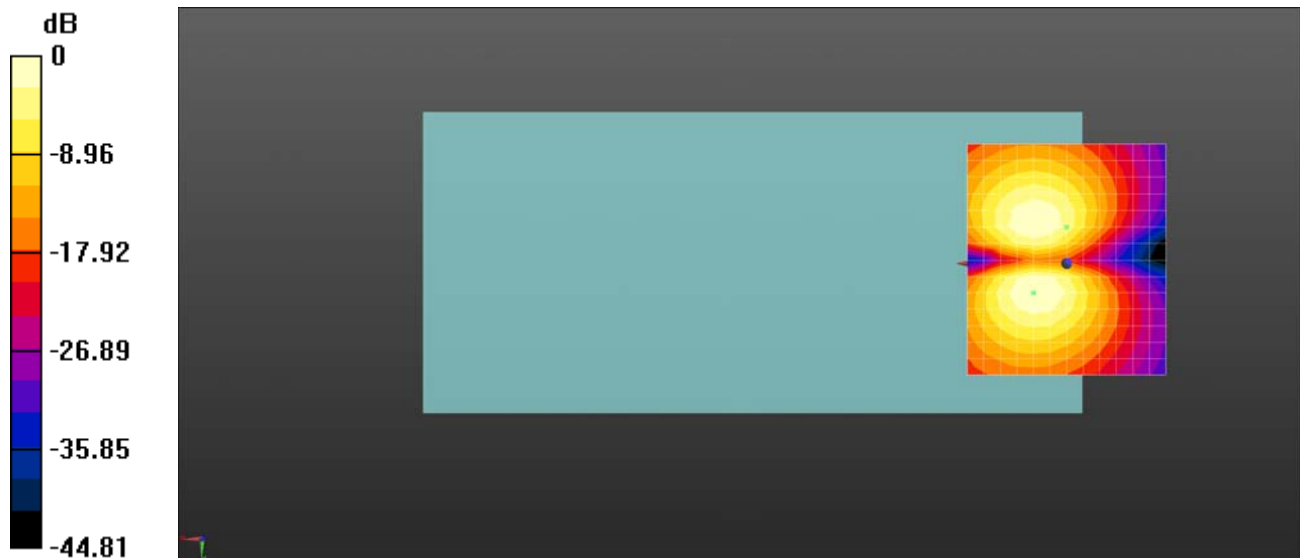
dx=10mm, dy=10mm

ABM1/ABM2 = 31.37 dB

ABM1 comp = -5.46 dBA/m

BWC Factor = 0.04 dB

Location: 0, -9.2, 3.7 mm



0 dB = 37.01 = 31.37 dB

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2023.01.11

**HAC\_T-Coil\_LTE Band 41\_20MHz\_QPSK\_1RB\_0offset\_12.2Kbps\_Ch40620\_Z**

Communication System: UID 10172 - CAB, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK);  
Frequency: 2593 MHz; Duty Cycle: 1:8.33681

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

Ambient Temperature : 23.2 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3128; ; Calibrated: 2022.07.19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1643; Calibrated: 2022.12.30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch40620/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x15x1):** Measurement grid:

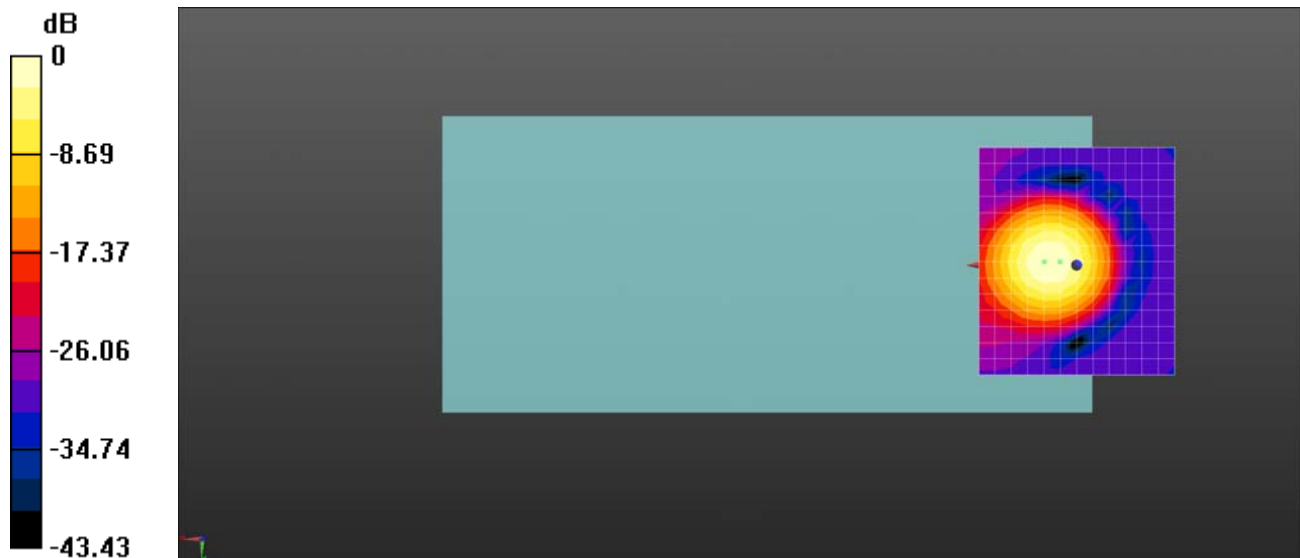
dx=10mm, dy=10mm

ABM1/ABM2 = 33.03 dB

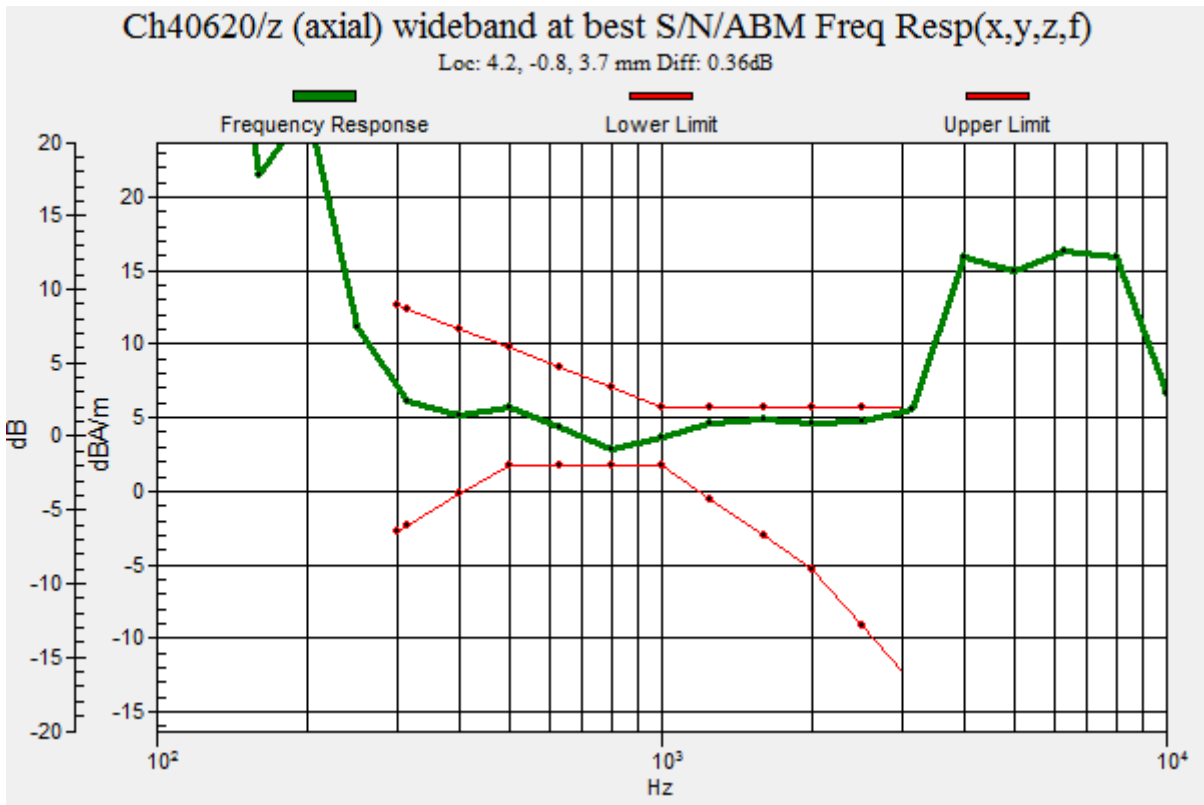
ABM1 comp = 5.81 dBA/m

BWC Factor = 0.04 dB

Location: 4.2, -0.8, 3.7 mm



0 dB = 44.84 = 33.03 dB



Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2023.01.11

**HAC\_T-Coil\_LTE Band 41\_20MHz\_QPSK\_1RB\_0offset\_12.2Kbps\_Ch40620\_Y**

Communication System: UID 10172 - CAB, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK);  
Frequency: 2593 MHz; Duty Cycle: 1:8.33681

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

Ambient Temperature : 23.2 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3128; ; Calibrated: 2022.07.19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1643; Calibrated: 2022.12.30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch40620/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x15x1):** Measurement grid:

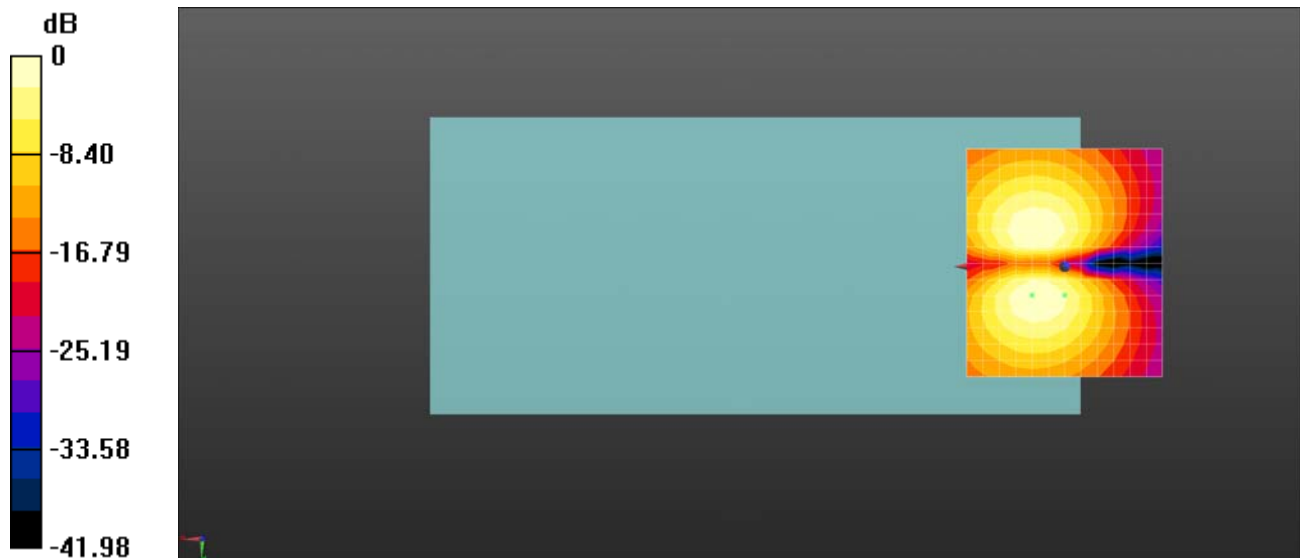
dx=10mm, dy=10mm

ABM1/ABM2 = 32.87 dB

ABM1 comp = -4.30 dBA/m

BWC Factor = 0.04 dB

Location: 0, 7.5, 3.7 mm



0 dB = 43.98 = 32.87 dB

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2023.02.07

**HAC\_T-Coil\_LTE Band 48\_20MHz\_QPSK\_1RB\_0offset\_12.2Kbps\_Ch55990\_Z**

Communication System: UID 10172 - CAB, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK);  
Frequency: 3625 MHz; Duty Cycle: 1:8.33681

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

Ambient Temperature : 23.2 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3128; ; Calibrated: 2022.07.19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1643; Calibrated: 2022.12.30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch55990/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x15x1):** Measurement grid:

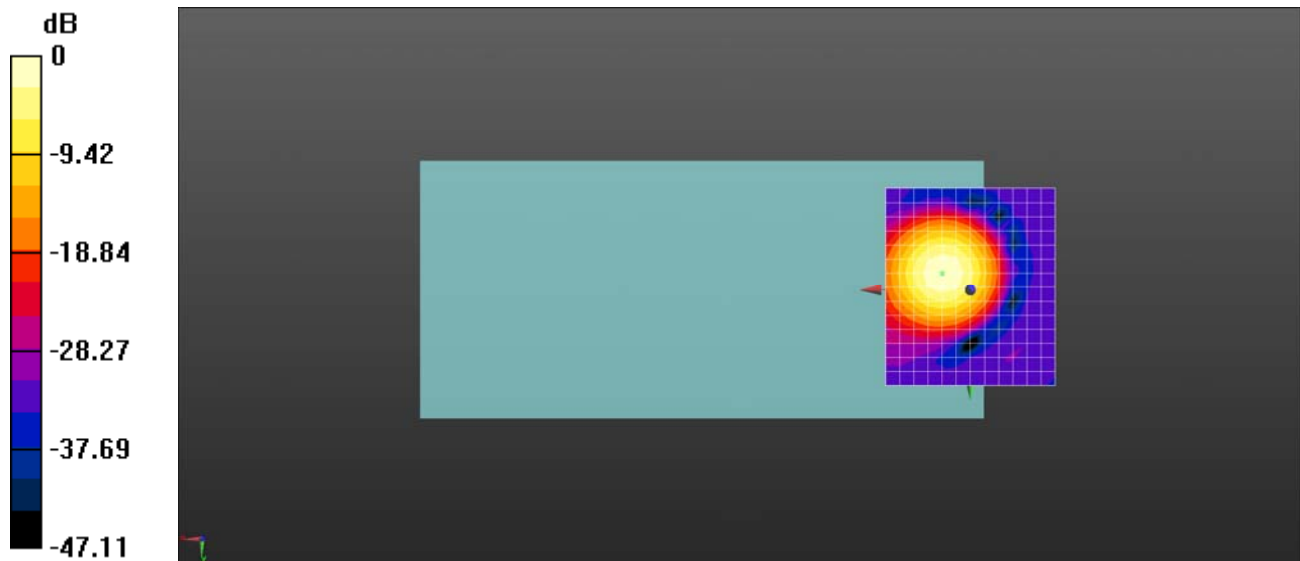
dx=10mm, dy=10mm

ABM1/ABM2 = 34.69 dB

ABM1 comp = 6.68 dBA/m

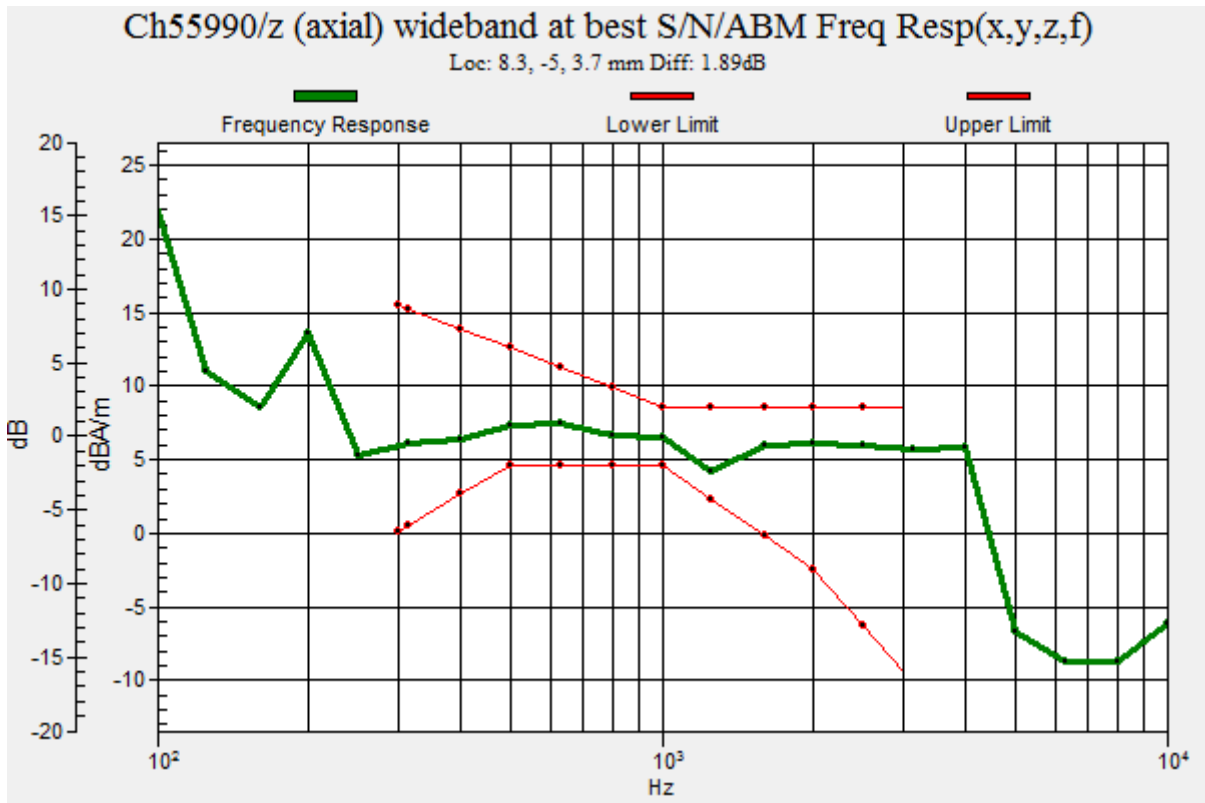
BWC Factor = 0.15 dB

Location: 8.3, -5, 3.7 mm



0 dB = 54.29 = 34.69 dB





Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2023.02.07

**HAC\_T-Coil\_LTE Band 48\_20MHz\_QPSK\_1RB\_0offset\_12.2Kbps\_Ch55990\_Y**

Communication System: UID 10172 - CAB, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK);  
Frequency: 3625 MHz; Duty Cycle: 1:8.33681

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

Ambient Temperature : 23.2 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3128; ; Calibrated: 2022.07.19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1643; Calibrated: 2022.12.30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch55990/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x15x1):** Measurement grid:

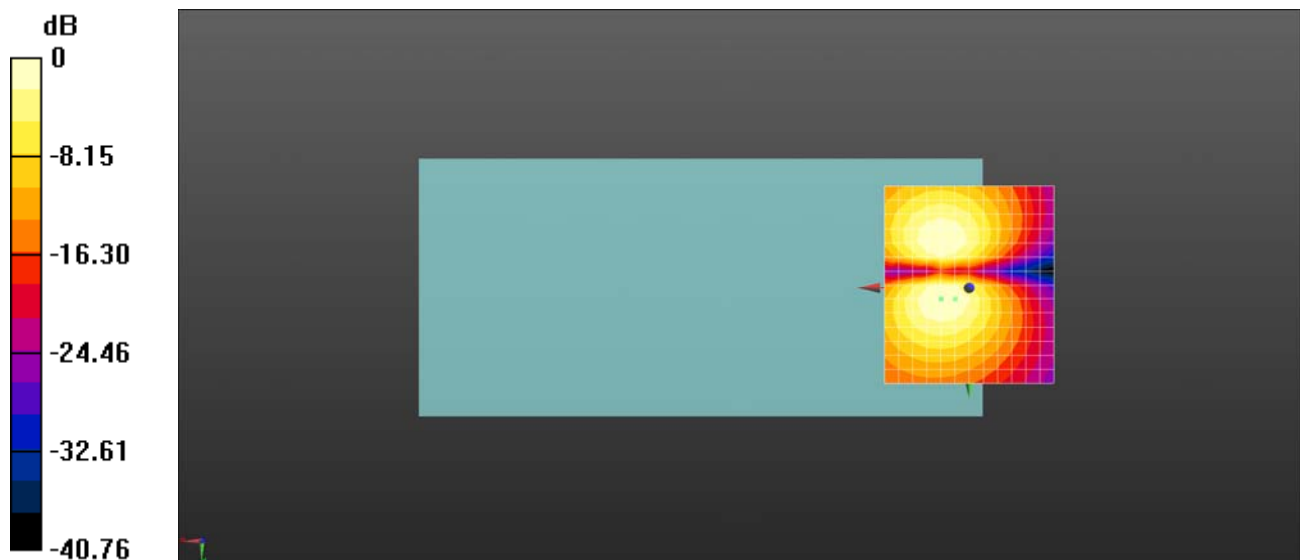
dx=10mm, dy=10mm

ABM1/ABM2 = 34.37 dB

ABM1 comp = -1.26 dBA/m

BWC Factor = 0.15 dB

Location: 4.2, 3.3, 3.7 mm



0 dB = 52.29 = 34.37 dB

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2023.01.10

**HAC\_T-Coil\_LTE Band 66\_20MHz\_QPSK\_1RB\_0offset\_12.2Kbps\_Ch132322\_Z**

Communication System: UID 0, LTE-FDD (SC-FDMA, 1RB, 20MHz, QPSK) (0); Frequency: 1745 MHz; Duty Cycle: 1:3.74111

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

Ambient Temperature : 23.2 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3128; ; Calibrated: 2022.07.19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1643; Calibrated: 2022.12.30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch132322/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x15x1):** Measurement grid:

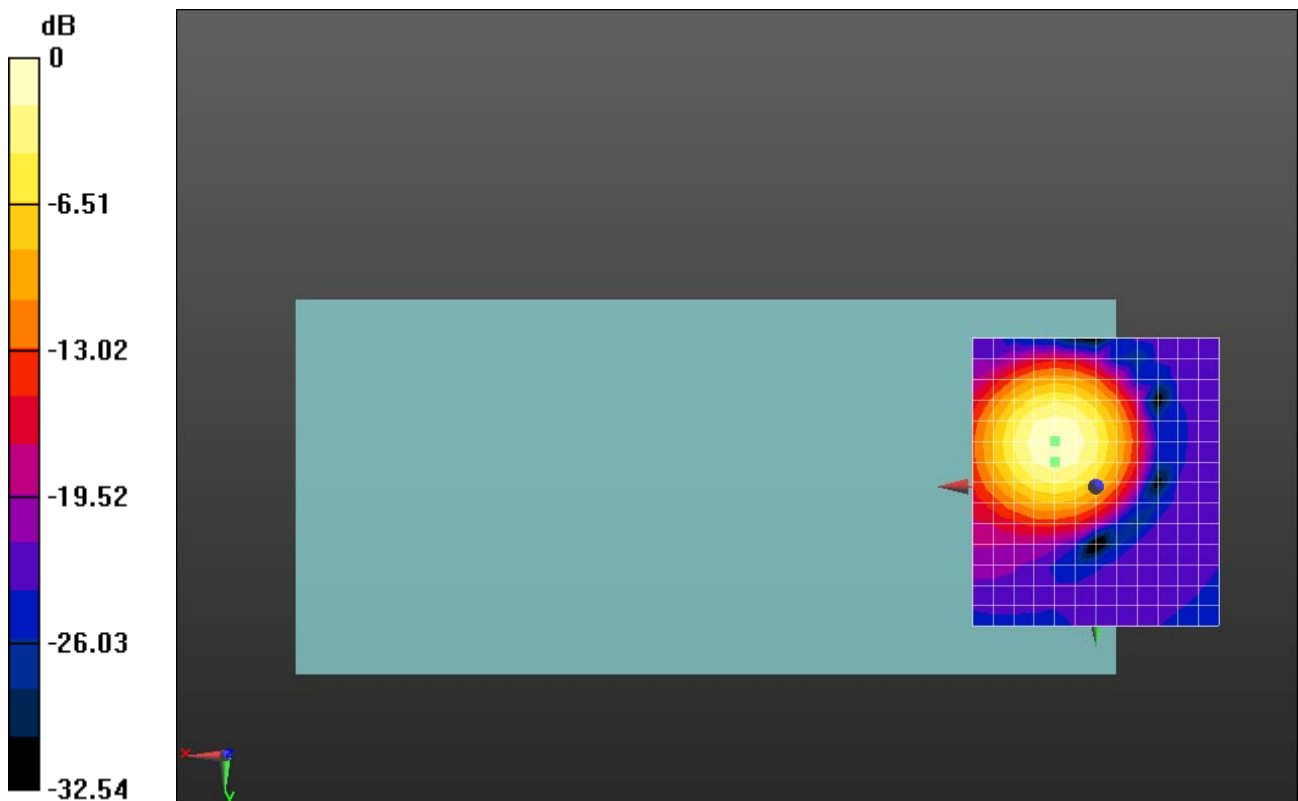
dx=10mm, dy=10mm

ABM1/ABM2 = 33.69 dB

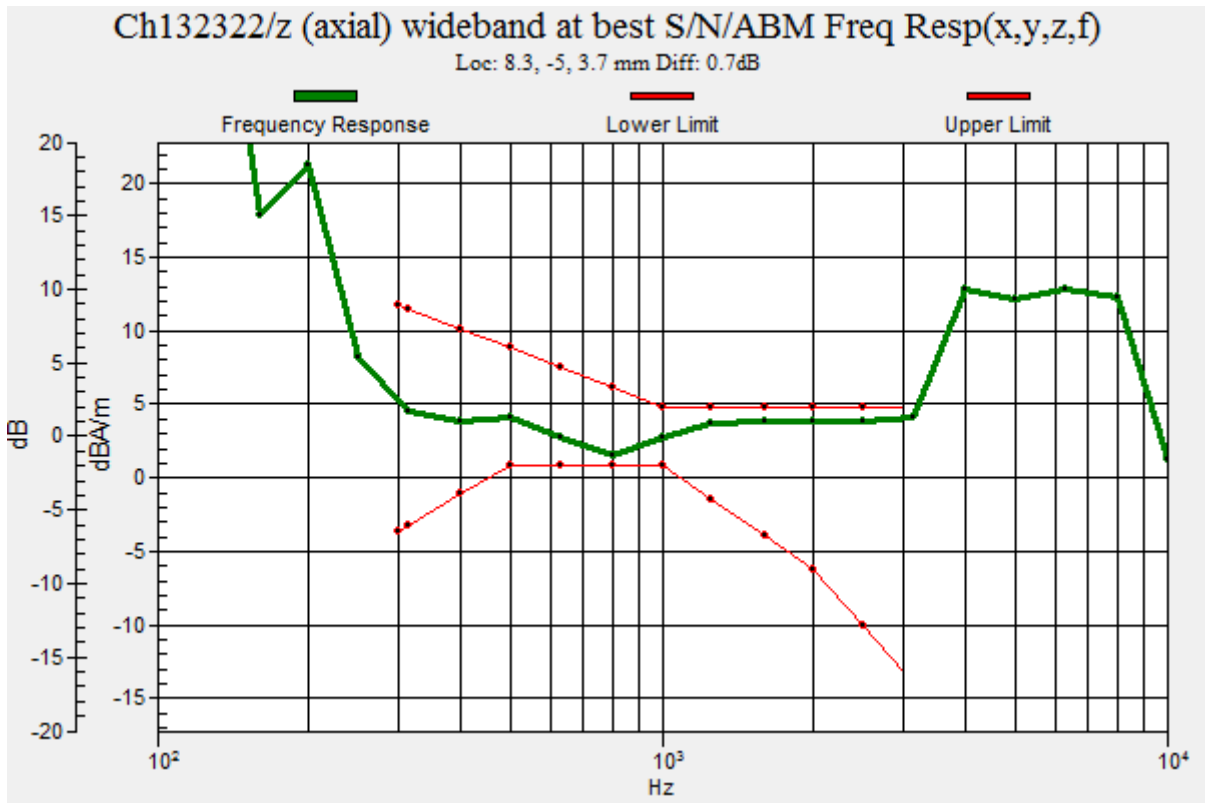
ABM1 comp = 4.16 dBA/m

BWC Factor = 0.04 dB

Location: 8.3, -5, 3.7 mm



0 dB = 48.39 = 33.70 dB



Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2023.01.10

**HAC\_T-Coil\_LTE Band 66\_20MHz\_QPSK\_1RB\_0offset\_12.2Kbps\_Ch132322\_Y**

Communication System: UID 0, LTE-FDD (SC-FDMA, 1RB, 20MHz, QPSK) (0); Frequency: 1745 MHz; Duty Cycle: 1:3.74111

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

Ambient Temperature : 23.2 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3128; ; Calibrated: 2022.07.19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1643; Calibrated: 2022.12.30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch132322/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x15x1): Measurement**

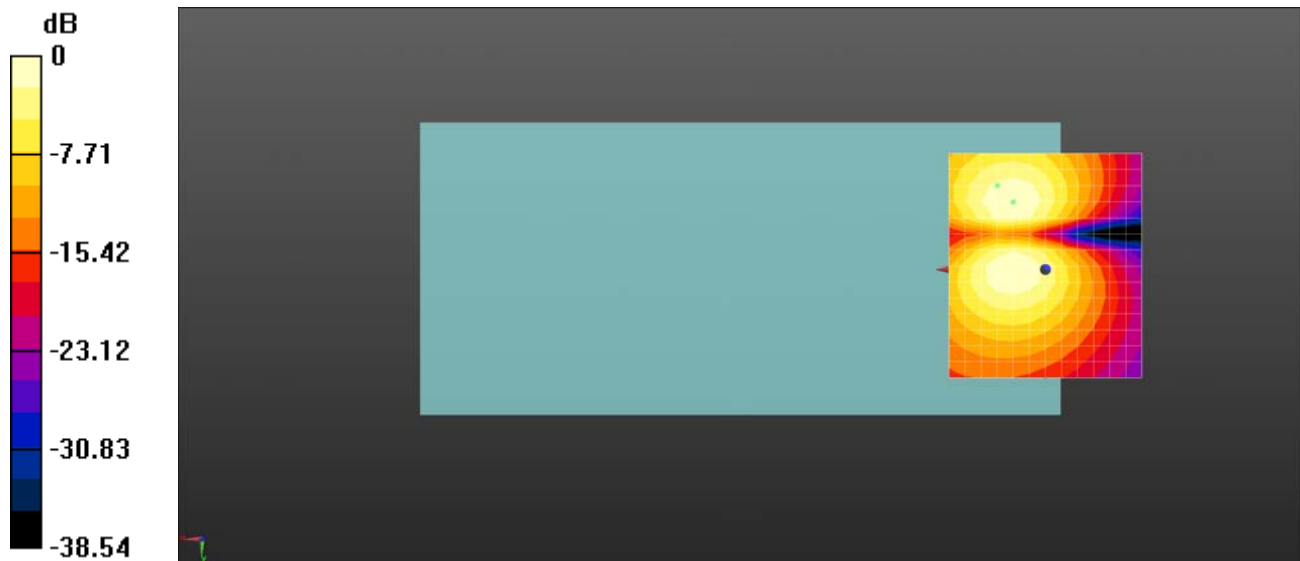
grid: dx=10mm, dy=10mm

ABM1/ABM2 = 33.26 dB

ABM1 comp = -4.68 dBA/m

BWC Factor = 0.04 dB

Location: 12.5, -21.7, 3.7 mm



0 dB = 46.01 = 33.26 dB

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2023.01.11

## HAC\_T-Coil\_VoWiFi 2.4GHz\_802.11b 1Mbps\_AMR 4.75Kbps\_Ch6\_Z

Communication System: UID 10415 - AAA, IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle); Frequency: 2437 MHz; Duty Cycle: 1:1.42561

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

Ambient Temperature : 23.2 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3128; ; Calibrated: 2022.07.19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1643; Calibrated: 2022.12.30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

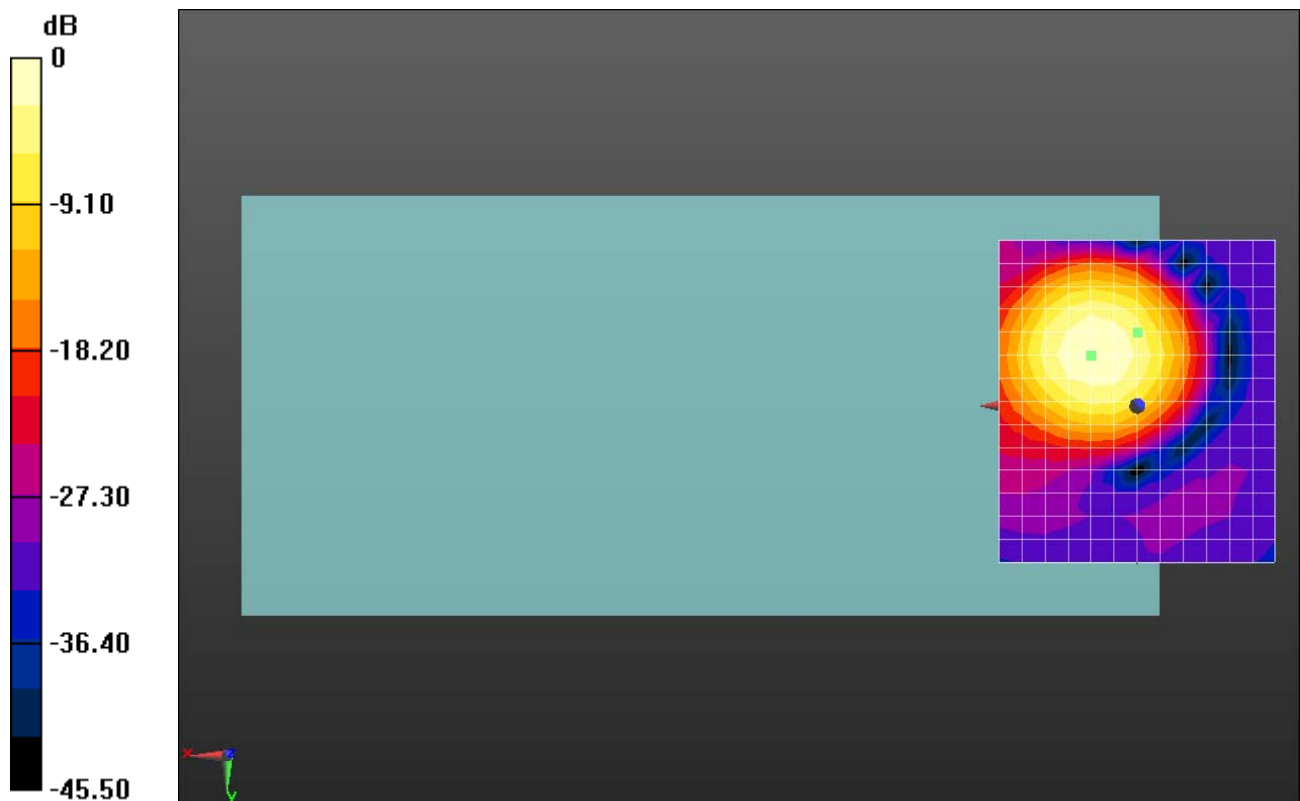
**Ch6/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x15x1):** Measurement grid: dx=10mm, dy=10mm

ABM1/ABM2 = 54.20 dB

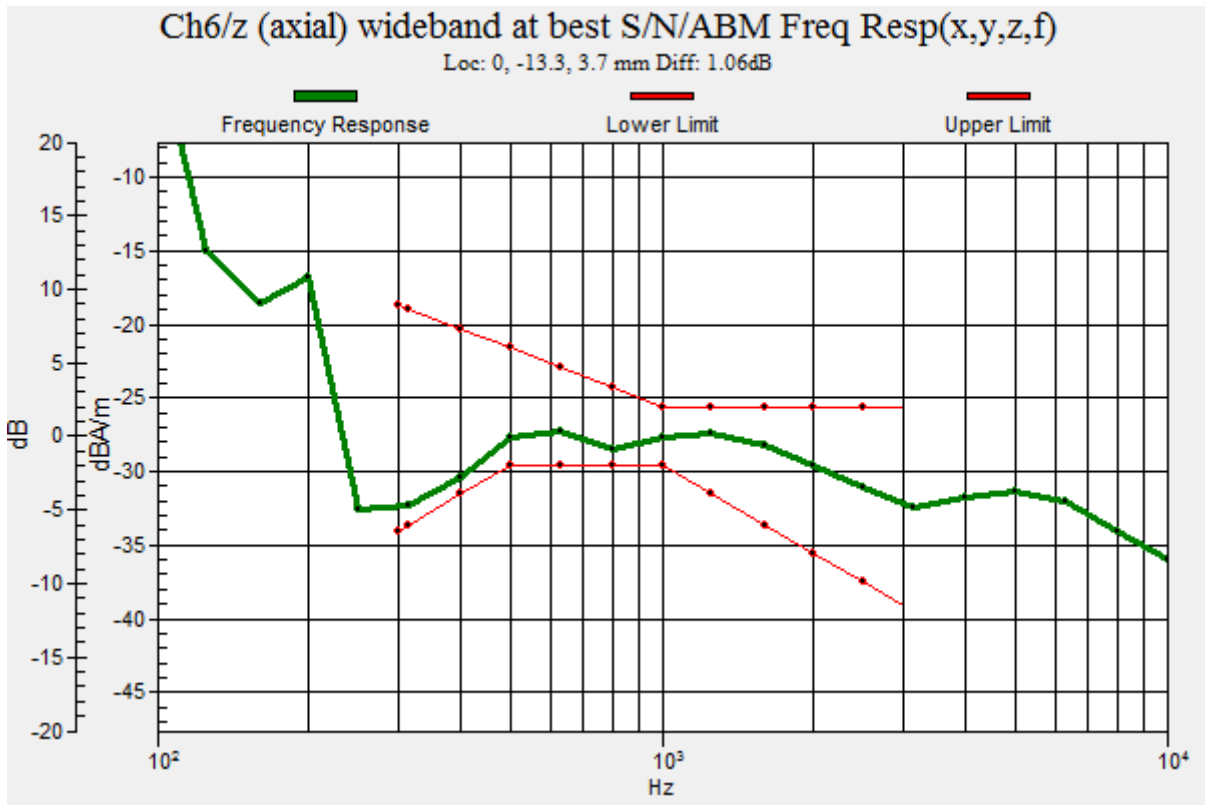
ABM1 comp = 8.79 dBA/m

BWC Factor = 0.04 dB

Location: 0, -13.3, 3.7 mm



0 dB = 512.8 = 54.20 dB



Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2023.01.11

## HAC\_T-Coil\_VoWiFi 2.4GHz\_802.11b 1Mbps\_AMR 4.75Kbps\_Ch6\_Y

Communication System: UID 10415 - AAA, IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle); Frequency: 2437 MHz; Duty Cycle: 1:1.42561

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

Ambient Temperature : 23.2 °C

### DASY5 Configuration:

- Probe: AM1DV3 - 3128; ; Calibrated: 2022.07.19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1643; Calibrated: 2022.12.30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

### Ch6/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x15x1): Measurement grid:

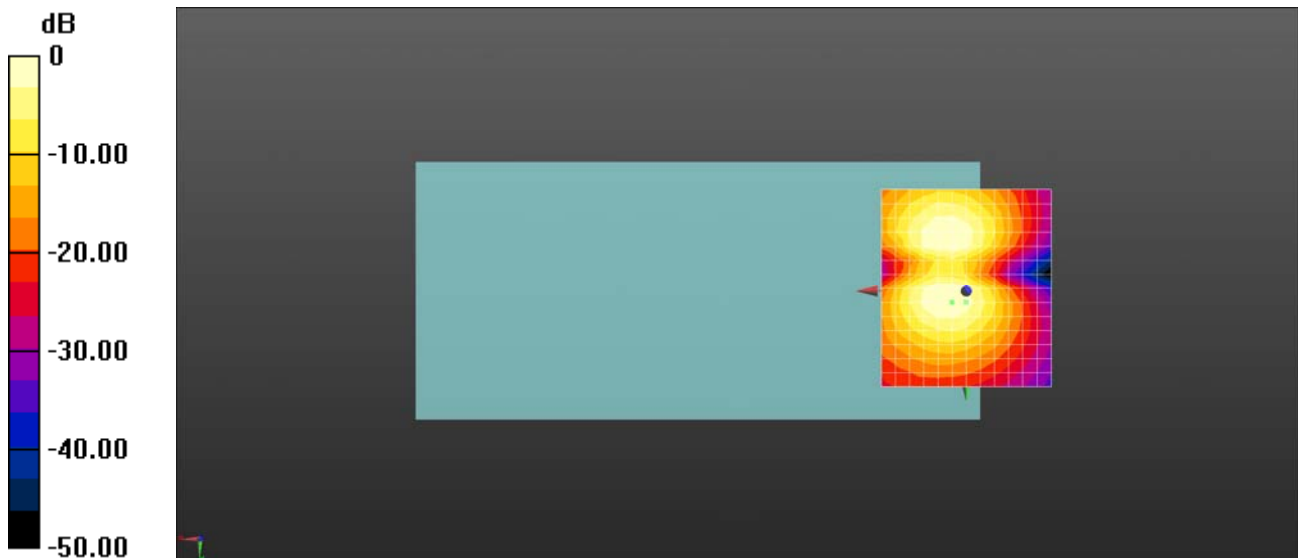
dx=10mm, dy=10mm

ABM1/ABM2 = 57.17 dB

ABM1 comp = 5.97 dBA/m

BWC Factor = 0.04 dB

Location: 0, 3.3, 3.7 mm



0 dB = 722.0 = 57.17 dB



Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2023.01.11

## HAC\_T-Coil\_VoWiFi 2.4GHz\_802.11g 6Mbps\_AMR 4.75Kbps\_Ch6\_Z

Communication System: UID 10419 - AAA, IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Short preamble); Frequency: 2437 MHz; Duty Cycle: 1:6.59174

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

Ambient Temperature : 23.2 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3128; ; Calibrated: 2022.07.19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1643; Calibrated: 2022.12.30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

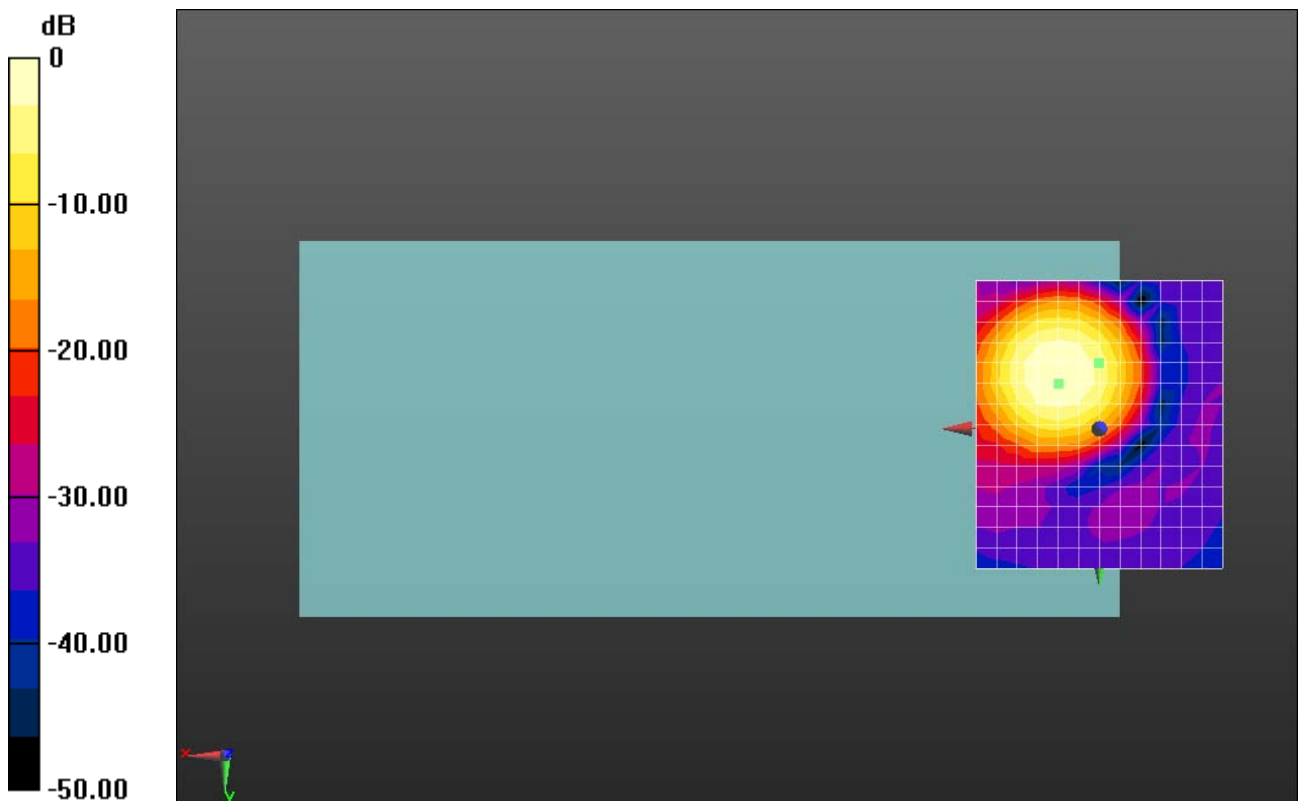
**Ch6/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x15x1):** Measurement grid: dx=10mm, dy=10mm

ABM1/ABM2 = 55.17 dB

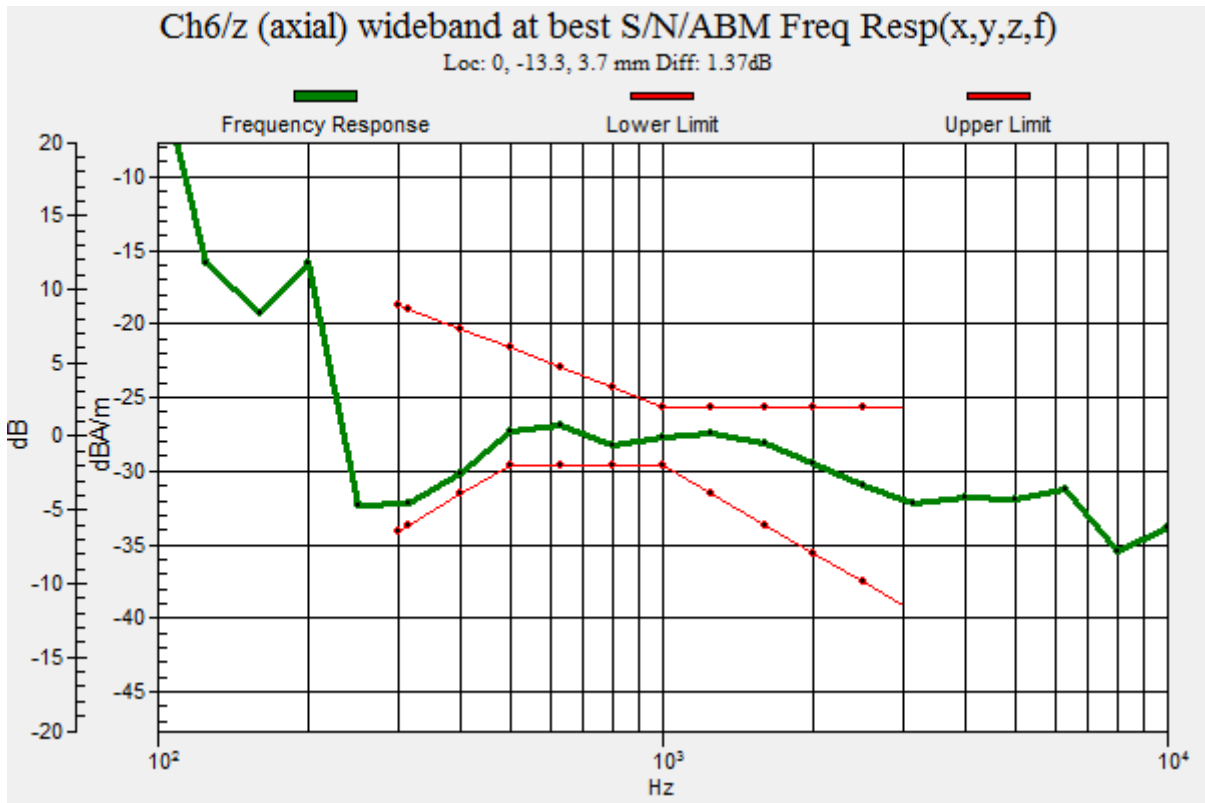
ABM1 comp = 8.93 dBA/m

BWC Factor = 0.04 dB

Location: 0, -13.3, 3.7 mm



0 dB = 573.7 = 55.17 dB



Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2023.01.11

## HAC\_T-Coil\_VoWiFi 2.4GHz\_802.11g 6Mbps\_AMR 4.75Kbps\_Ch6\_Y

Communication System: UID 10419 - AAA, IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Short preamble); Frequency: 2437 MHz; Duty Cycle: 1:6.59174

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

Ambient Temperature : 23.2 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3128; ; Calibrated: 2022.07.19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1643; Calibrated: 2022.12.30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch6/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x15x1):** Measurement grid:

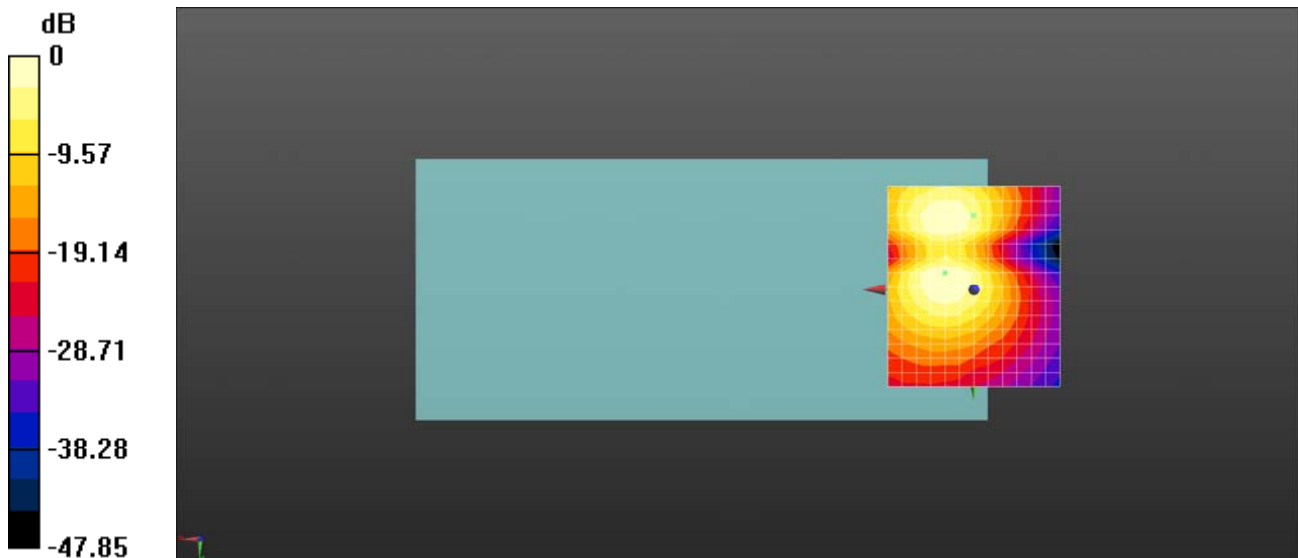
dx=10mm, dy=10mm

ABM1/ABM2 = 55.95 dB

ABM1 comp = 4.42 dBA/m

BWC Factor = 0.04 dB

Location: 0, -21.7, 3.7 mm



0 dB = 627.2 = 55.95 dB

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2023.01.11

**HAC\_T-Coil\_VoWiFi 2.4GHz\_802.11n-HT20 MCS0\_AMR 4.75Kbps\_Ch6\_Z**

Communication System: UID 10193 - CAA, IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK);  
Frequency: 2437 MHz; Duty Cycle: 1:6.44169

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

Ambient Temperature : 23.2 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3128; ; Calibrated: 2022.07.19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1643; Calibrated: 2022.12.30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

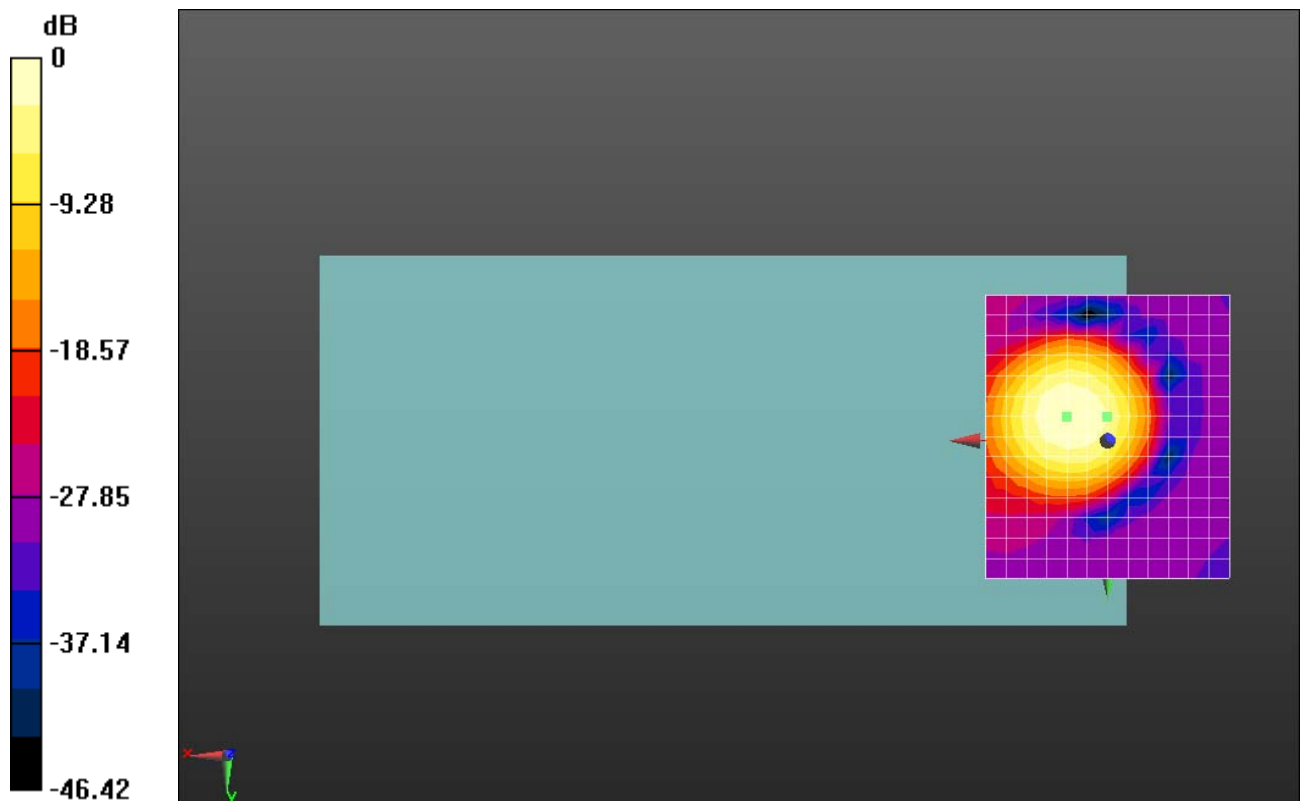
**Ch6/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x15x1):** Measurement grid: dx=10mm, dy=10mm

ABM1/ABM2 = 56.83 dB

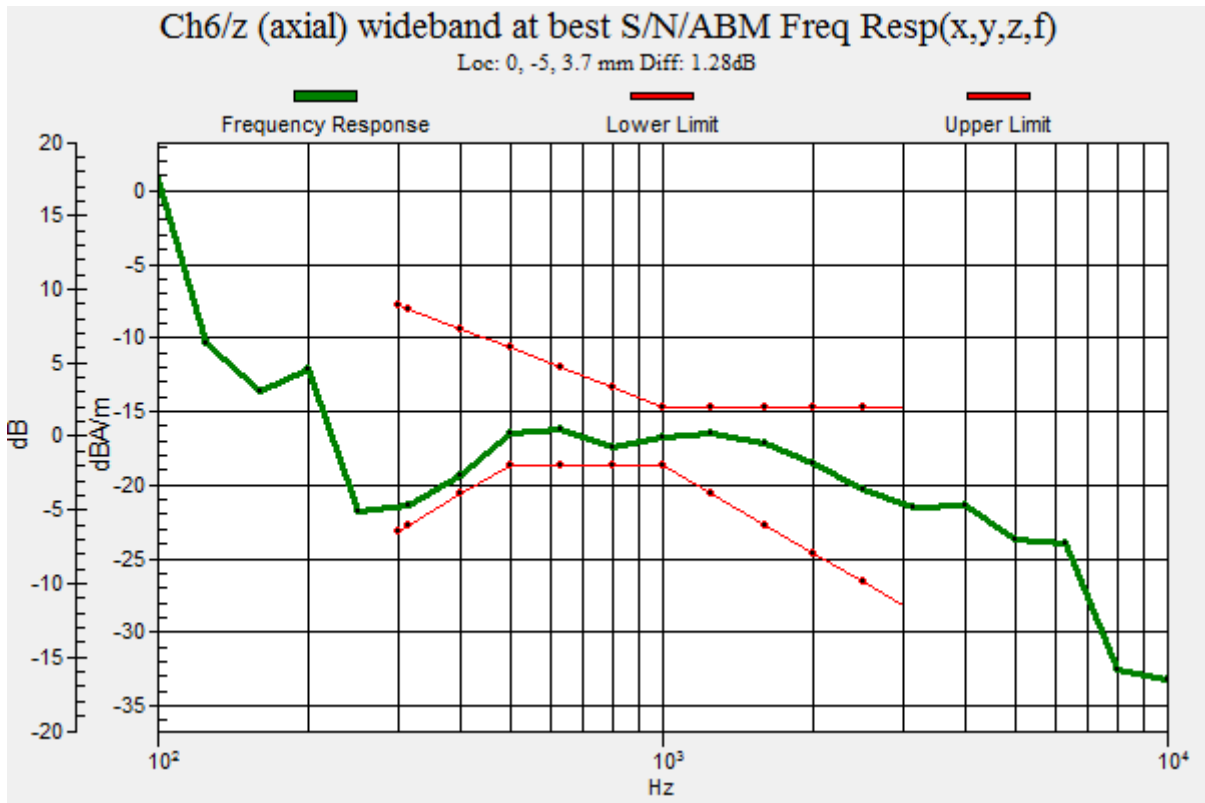
ABM1 comp = 10.28 dBA/m

BWC Factor = 0.04 dB

Location: 0, -5, 3.7 mm



0 dB = 693.8 = 56.82 dB



Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2023.01.11

**HAC\_T-Coil\_VoWiFi 2.4GHz\_802.11n-HT20 MCS0\_AMR 4.75Kbps\_Ch6\_Y**

Communication System: UID 10193 - CAA, IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK);  
Frequency: 2437 MHz; Duty Cycle: 1:6.44169

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

Ambient Temperature : 23.2 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3128; ; Calibrated: 2022.07.19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1643; Calibrated: 2022.12.30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch6/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x15x1):** Measurement grid:

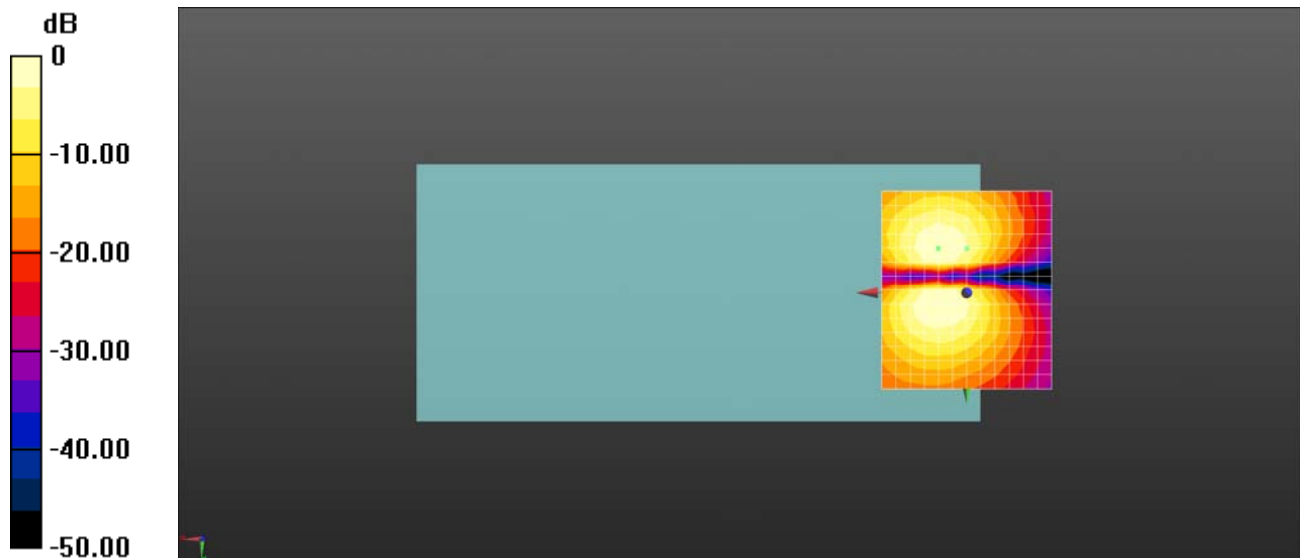
dx=10mm, dy=10mm

ABM1/ABM2 = 55.17 dB

ABM1 comp = 5.01 dBA/m

BWC Factor = 0.04 dB

Location: 0, -13.3, 3.7 mm



0 dB = 573.6 = 55.17 dB

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2023.01.11

**HAC\_T-Coil\_VoWiFi 2.4GHz\_802.11n-HT40 MCS0\_AMR 4.75Kbps\_Ch6\_Z**

Communication System: UID 10114 - CAA, IEEE 802.11n (HT Greenfield, 13.5 Mbps, BPSK);  
Frequency: 2437 MHz; Duty Cycle: 1:6.45654

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

Ambient Temperature : 23.2 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3128; ; Calibrated: 2022.07.19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1643; Calibrated: 2022.12.30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

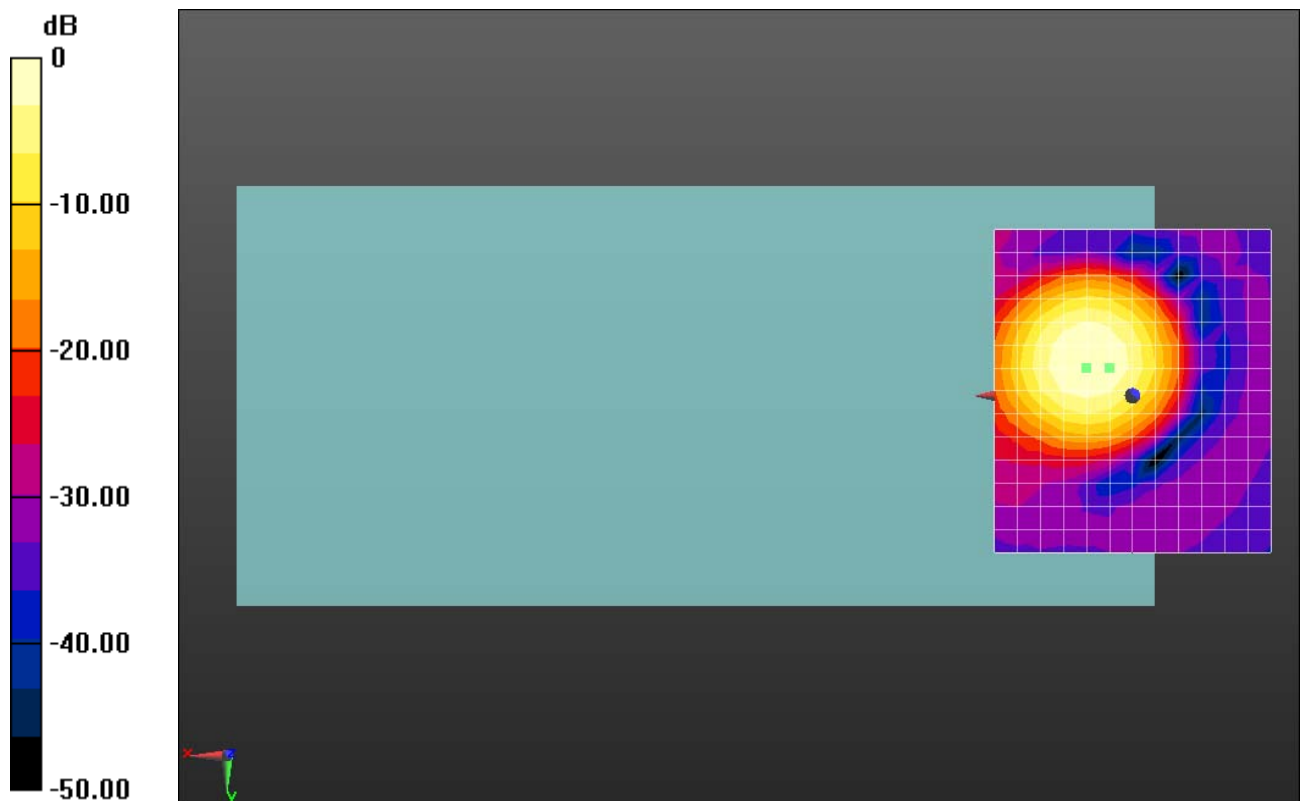
**Ch6/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x15x1):** Measurement grid: dx=10mm, dy=10mm

ABM1/ABM2 = 62.66 dB

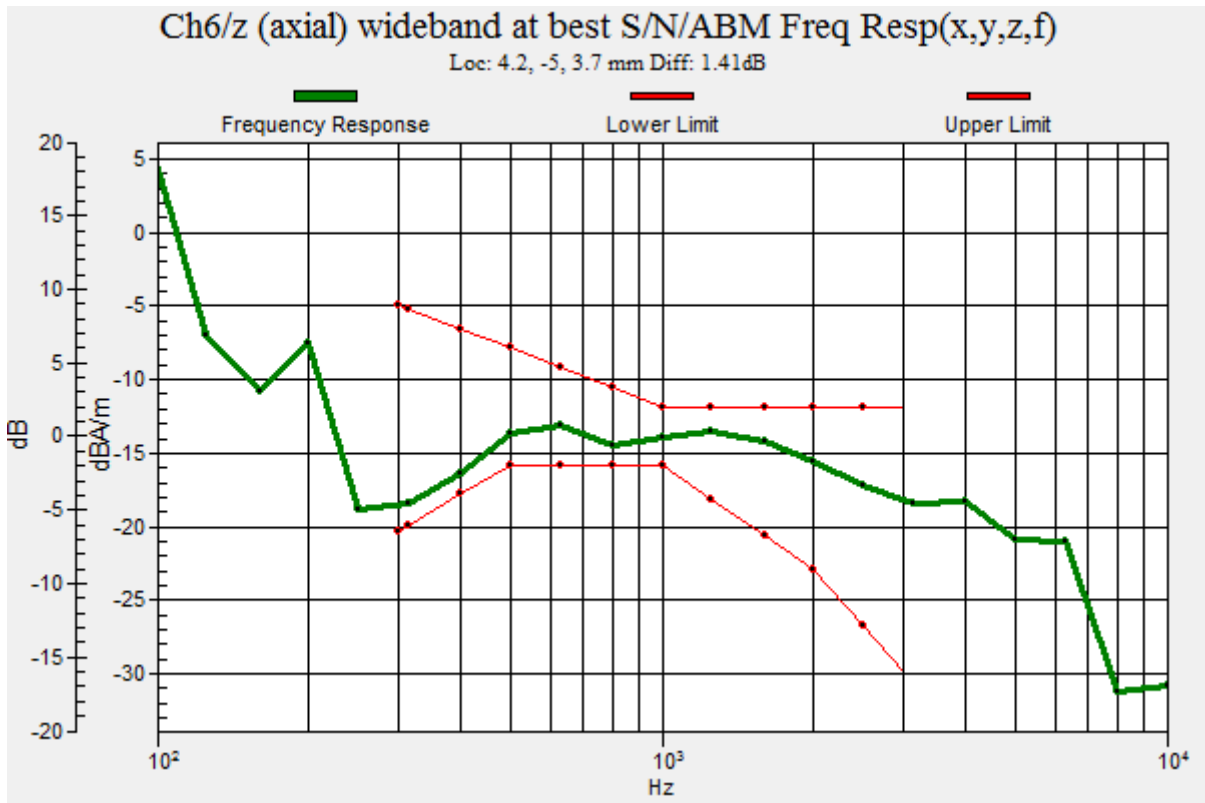
ABM1 comp = 12.20 dBA/m

BWC Factor = 0.05 dB

Location: 4.2, -5, 3.7 mm



0 dB = 1359 = 62.66 dB





Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2023.01.11

**HAC\_T-Coil\_VoWiFi 2.4GHz\_802.11n-HT40 MCS0\_AMR 4.75Kbps\_Ch6\_Y**

Communication System: UID 10114 - CAA, IEEE 802.11n (HT Greenfield, 13.5 Mbps, BPSK);  
Frequency: 2437 MHz; Duty Cycle: 1:6.45654

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

Ambient Temperature : 23.2 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3128; ; Calibrated: 2022.07.19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1643; Calibrated: 2022.12.30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch6/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x15x1):** Measurement grid:

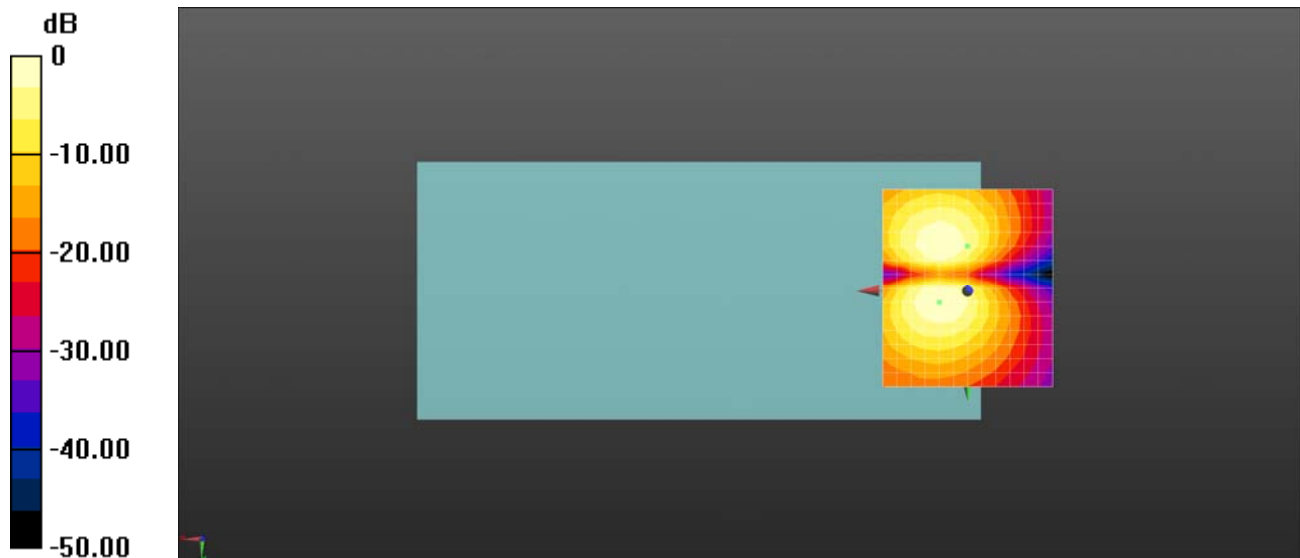
dx=10mm, dy=10mm

ABM1/ABM2 = 55.52 dB

ABM1 comp = 4.87 dBA/m

BWC Factor = 0.05 dB

Location: 0, -13.3, 3.7 mm



0 dB = 597.2 = 55.52 dB

**HAC\_T-Coil\_VoWiFi 2.4GHz\_802.11ac-VHT20 MCS0\_AMR 4.75Kbps\_Ch6\_Z**

Communication System: UID 10415 - AAA, IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle); Frequency: 2437 MHz; Duty Cycle: 1:1.42561

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

Ambient Temperature : 23.2 °C

**DASY5 Configuration:**

- Probe: AM1DV3 - 3128; ; Calibrated: 2022.07.19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1643; Calibrated: 2022.12.30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

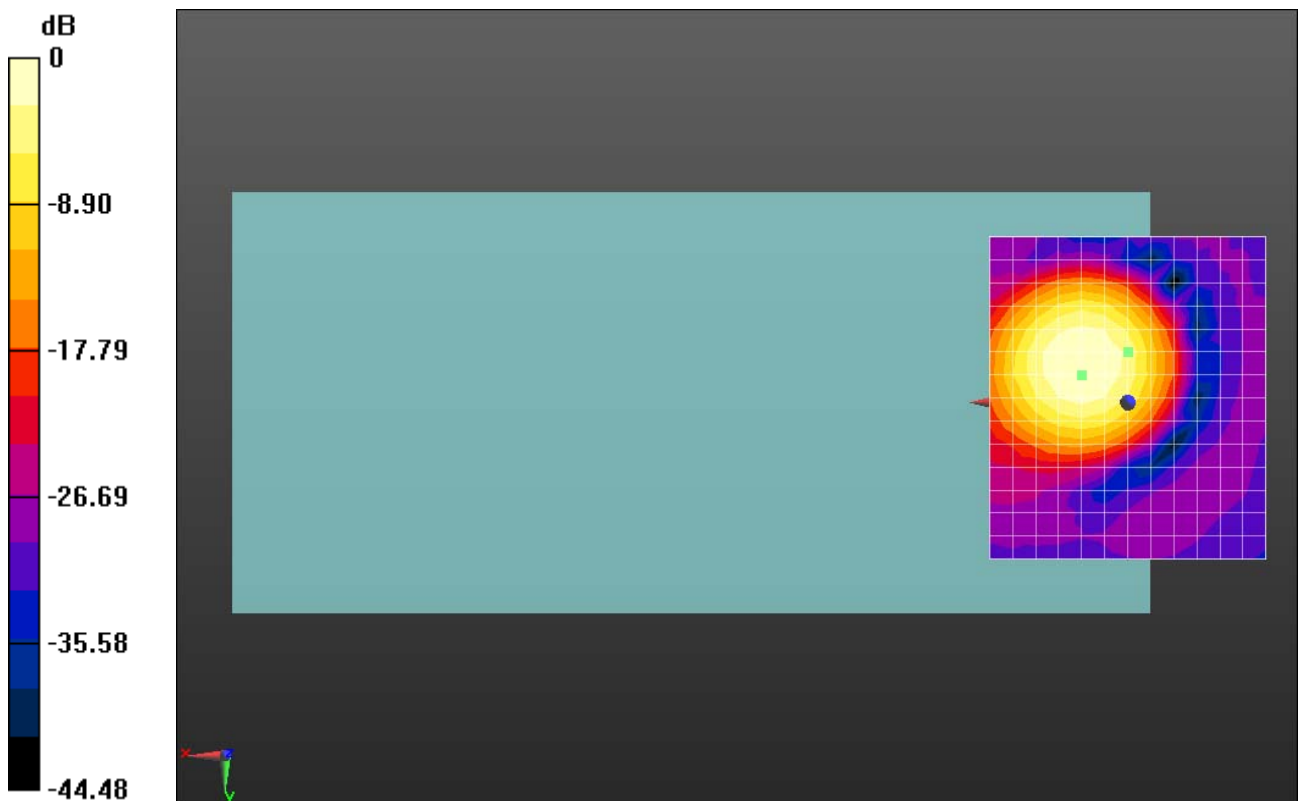
**Ch6/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x15x1):** Measurement grid: dx=10mm, dy=10mm

ABM1/ABM2 = 55.35 dB

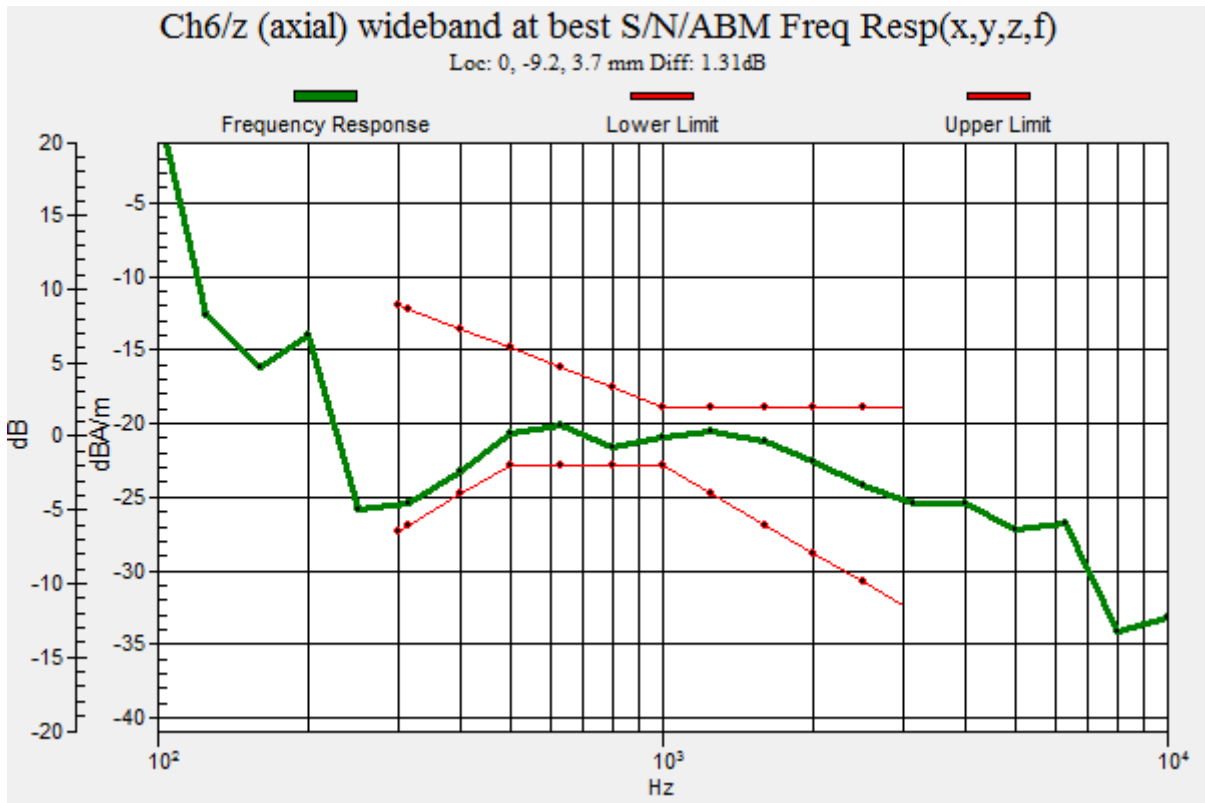
ABM1 comp = 9.19 dBA/m

BWC Factor = 0.05 dB

Location: 0, -9.2, 3.7 mm



0 dB = 585.7 = 55.35 dB



Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2023.01.11

**HAC\_T-Coil\_VoWiFi 2.4GHz\_802.11ac-VHT20 MCS0\_AMR 4.75Kbps\_Ch6\_Y**

Communication System: UID 10415 - AAA, IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle); Frequency: 2437 MHz; Duty Cycle: 1:1.42561

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

Ambient Temperature : 23.2 °C

**DASY5 Configuration:**

- Probe: AM1DV3 - 3128; ; Calibrated: 2022.07.19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1643; Calibrated: 2022.12.30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch6/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x15x1): Measurement grid:**

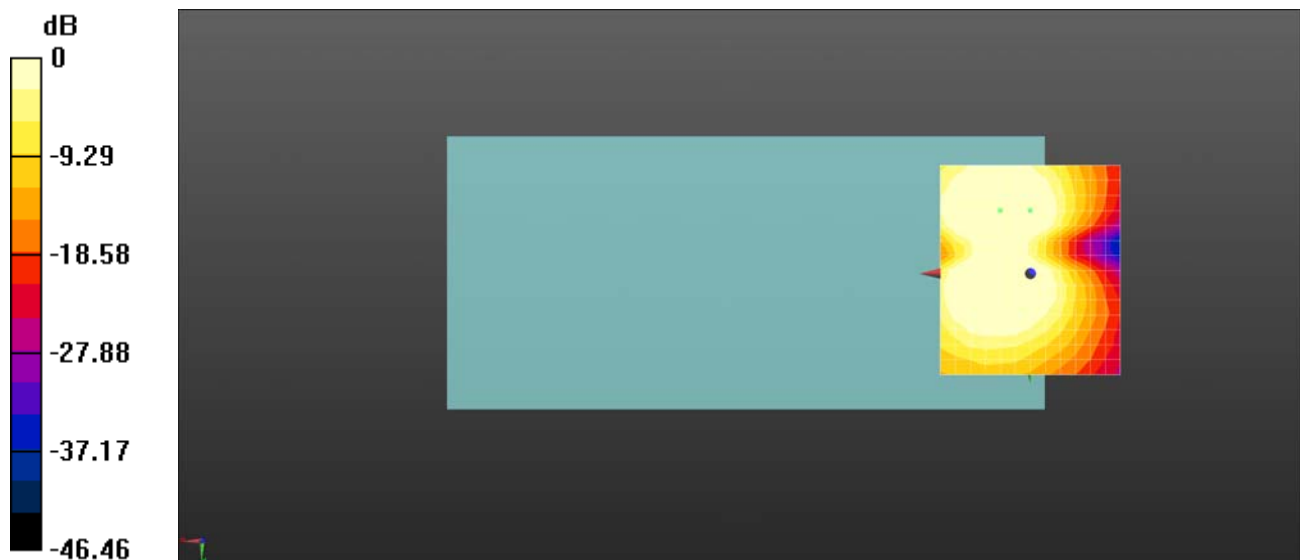
dx=10mm, dy=10mm

ABM1/ABM2 = 56.18 dB

ABM1 comp = 3.94 dBA/m

BWC Factor = 0.05 dB

Location: 0, -17.5, 3.7 mm



0 dB = 644.2 = 56.18 dB

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2023.01.11

**HAC\_T-Coil\_VoWiFi 2.4GHz\_802.11ac-VHT40 MCS0\_AMR 4.75Kbps\_Ch6\_Z**

Communication System: UID 10415 - AAA, IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle); Frequency: 2437 MHz; Duty Cycle: 1:1.42561

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

Ambient Temperature : 23.2 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3128; ; Calibrated: 2022.07.19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1643; Calibrated: 2022.12.30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

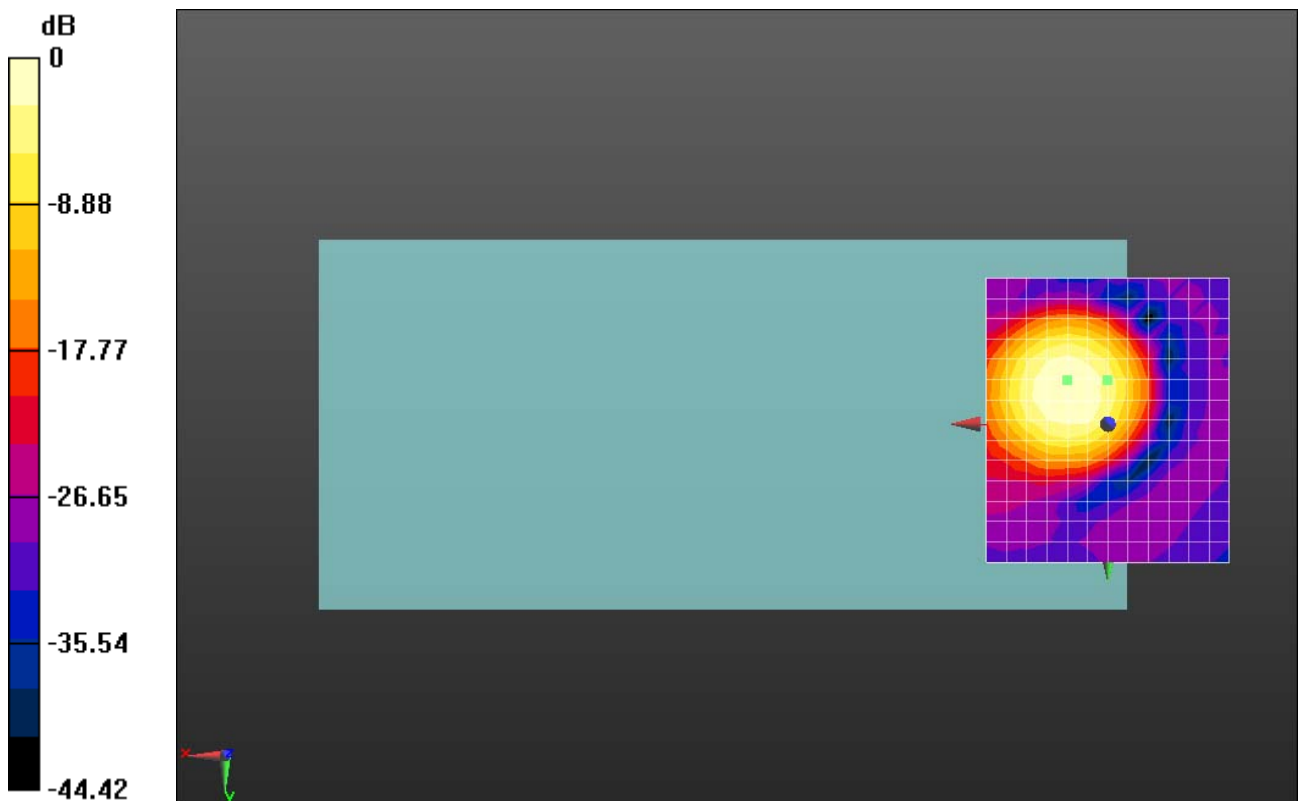
**Ch6/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x15x1):** Measurement grid: dx=10mm, dy=10mm

ABM1/ABM2 = 54.37 dB

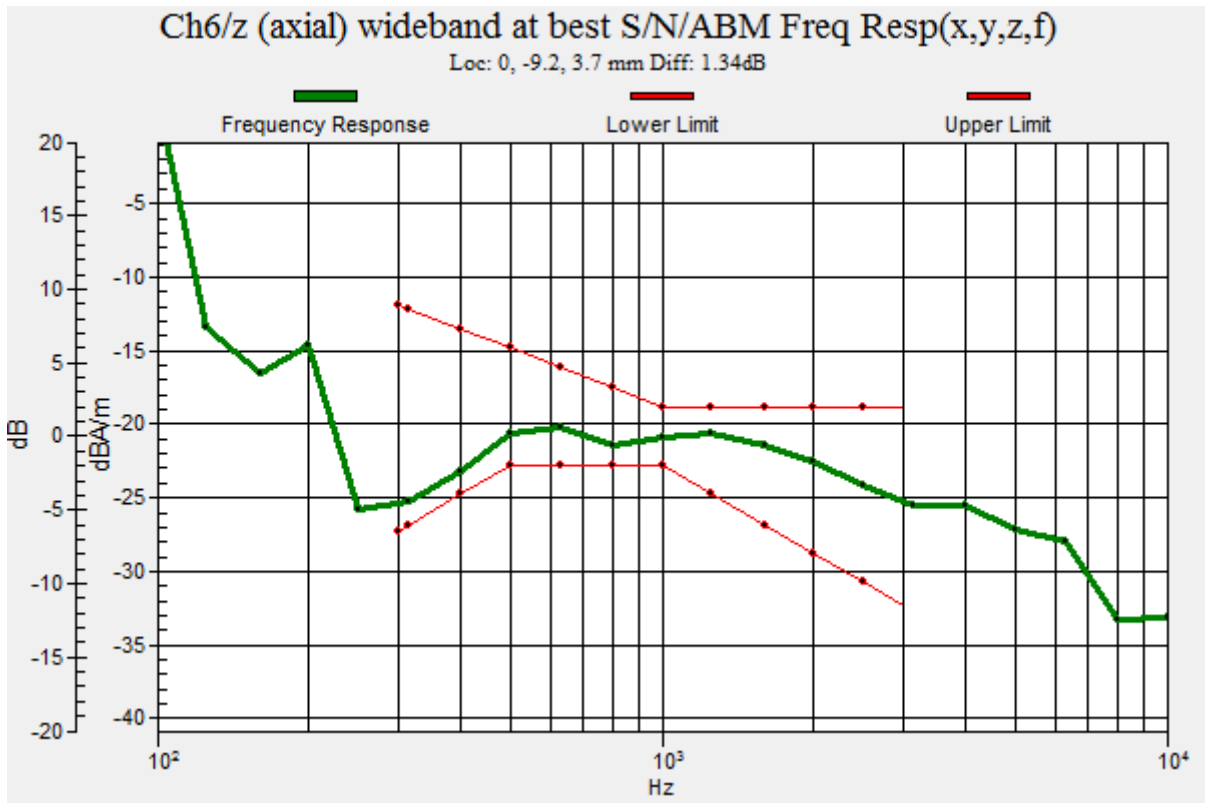
ABM1 comp = 8.65 dBA/m

BWC Factor = 0.04 dB

Location: 0, -9.2, 3.7 mm



0 dB = 522.9 = 54.37 dB



Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2023.01.11

**HAC\_T-Coil\_VoWiFi 2.4GHz\_802.11ac-VHT40 MCS0\_AMR 4.75Kbps\_Ch6\_Y**

Communication System: UID 10415 - AAA, IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle); Frequency: 2437 MHz; Duty Cycle: 1:1.42561

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

Ambient Temperature : 23.2 °C

**DASY5 Configuration:**

- Probe: AM1DV3 - 3128; ; Calibrated: 2022.07.19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1643; Calibrated: 2022.12.30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch6/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x15x1): Measurement grid:**

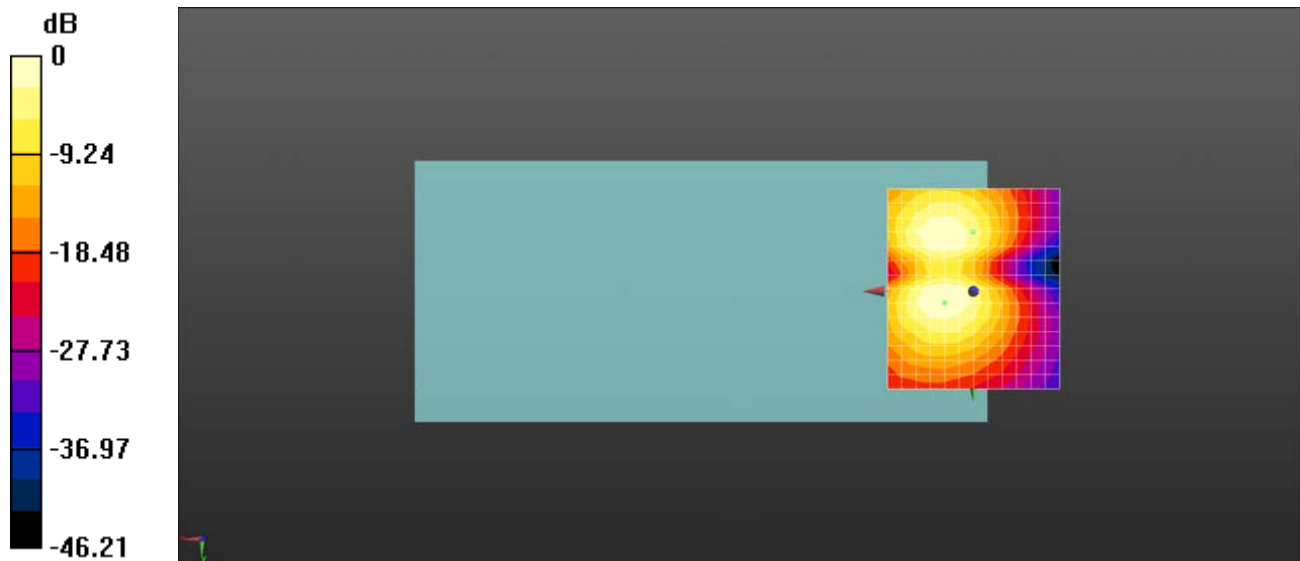
dx=10mm, dy=10mm

ABM1/ABM2 = 56.21 dB

ABM1 comp = 4.11 dBA/m

BWC Factor = 0.04 dB

Location: 0, -17.5, 3.7 mm



0 dB = 646.6 = 56.21 dB

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2023.01.11

**HAC\_T-Coil\_VoWiFi 5.2GHz\_802.11a 6Mbps\_AMR 4.75Kbps\_Ch44\_Z**

Communication System: UID 10317 - AAA, IEEE 802.11a WiFi 5 GHz (OFDM, 6 Mbps, 96pc duty cycle); Frequency: 5220 MHz; Duty Cycle: 1:6.85488

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

Ambient Temperature : 23.2 °C

**DASY5 Configuration:**

- Probe: AM1DV3 - 3128; ; Calibrated: 2022.07.19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1643; Calibrated: 2022.12.30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

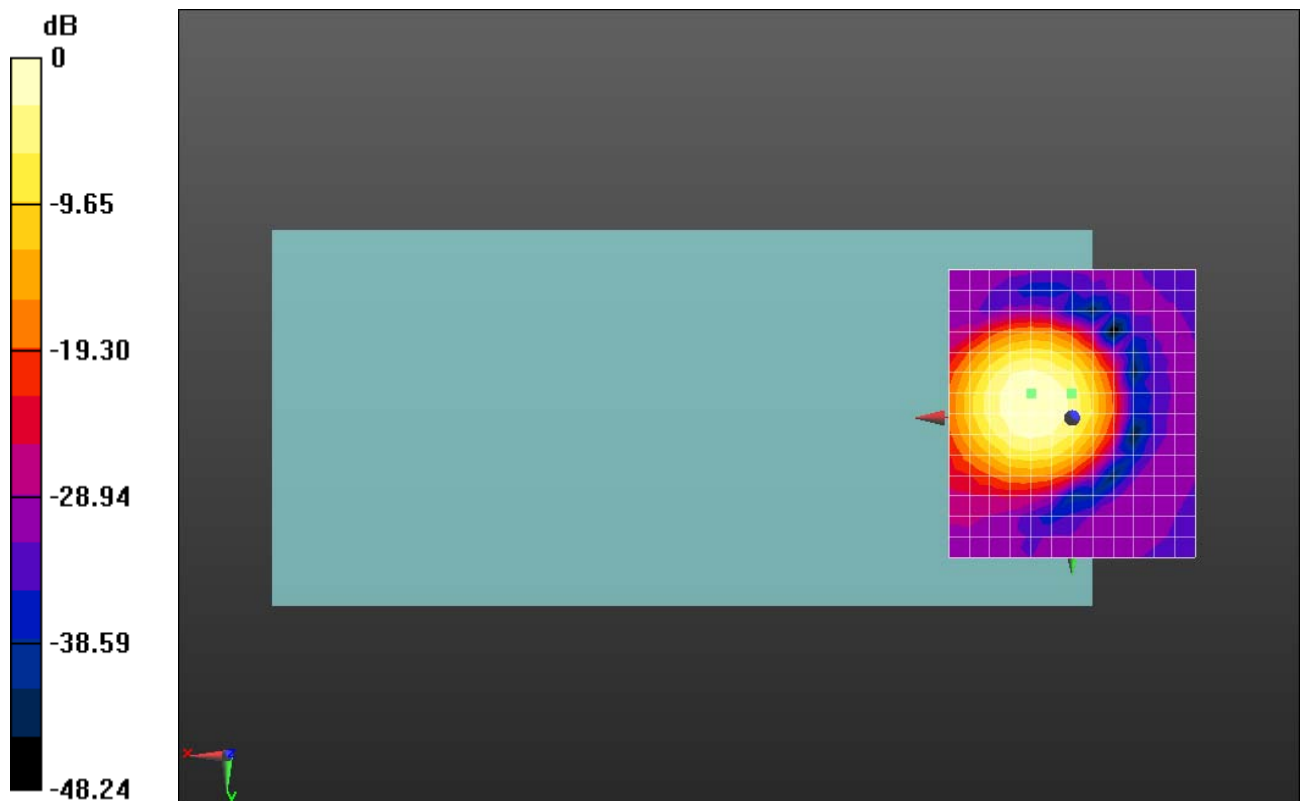
**Ch44/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x15x1):** Measurement grid: dx=10mm, dy=10mm

ABM1/ABM2 = 59.30 dB

ABM1 comp = 9.18 dBA/m

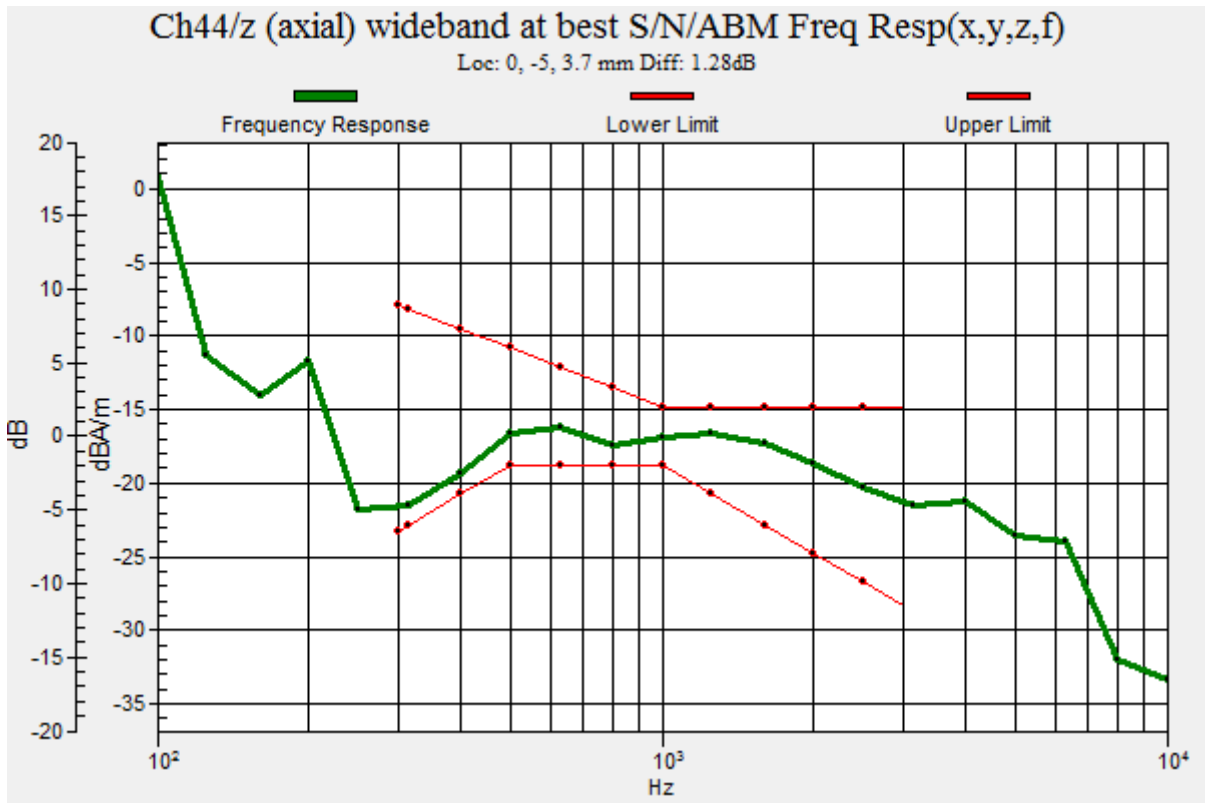
BWC Factor = 0.08 dB

Location: 0, -5, 3.7 mm



0 dB = 922.7 = 59.30 dB





## HAC\_T-Coil\_VoWiFi 5.2GHz\_802.11a 6Mbps\_AMR 4.75Kbps\_Ch44\_Y

Communication System: UID 10317 - AAA, IEEE 802.11a WiFi 5 GHz (OFDM, 6 Mbps, 96pc duty cycle); Frequency: 5220 MHz; Duty Cycle: 1:6.85488

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

Ambient Temperature : 23.2 °C

### DASY5 Configuration:

- Probe: AM1DV3 - 3128; ; Calibrated: 2022.07.19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1643; Calibrated: 2022.12.30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

### Ch44/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x15x1): Measurement grid:

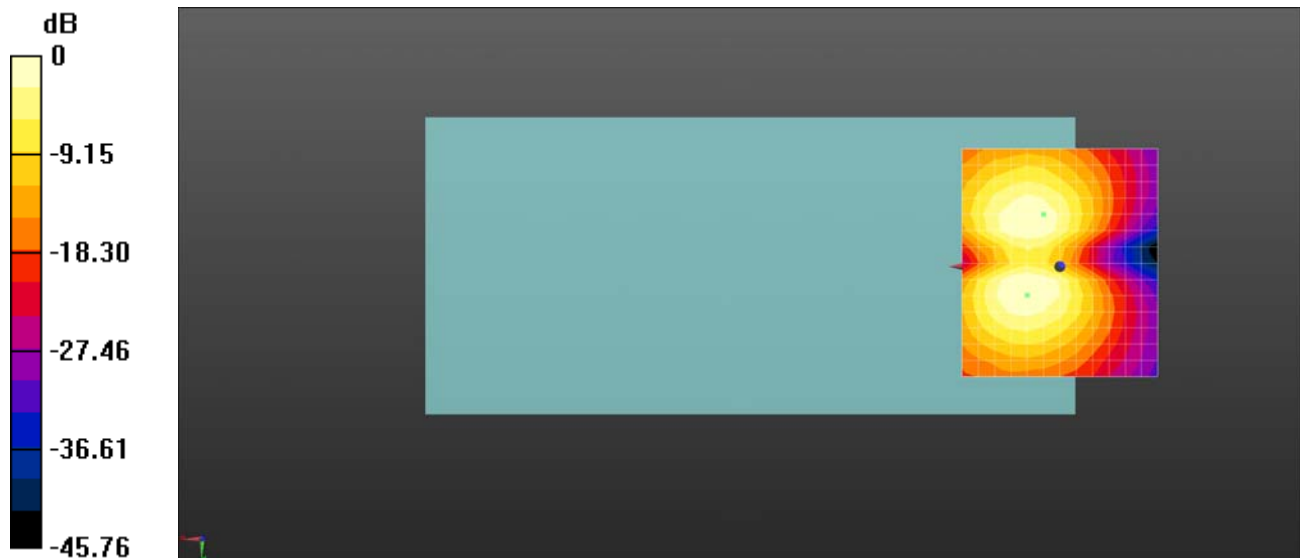
dx=10mm, dy=10mm

ABM1/ABM2 = 58.20 dB

ABM1 comp = 6.62 dBA/m

BWC Factor = 0.08 dB

Location: 4.2, -13.3, 3.7 mm



0 dB = 813.3 = 58.21 dB

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2023.01.12

**HAC\_T-Coil\_VoWiFi 5.3GHz\_802.11a 6Mbps\_AMR 4.75Kbps\_Ch60\_Z**

Communication System: UID 10317 - AAA, IEEE 802.11a WiFi 5 GHz (OFDM, 6 Mbps, 96pc duty cycle); Frequency: 5300 MHz; Duty Cycle: 1:6.85488

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

Ambient Temperature : 23.2 °C

**DASY5 Configuration:**

- Probe: AM1DV3 - 3128; ; Calibrated: 2022.07.19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1643; Calibrated: 2022.12.30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

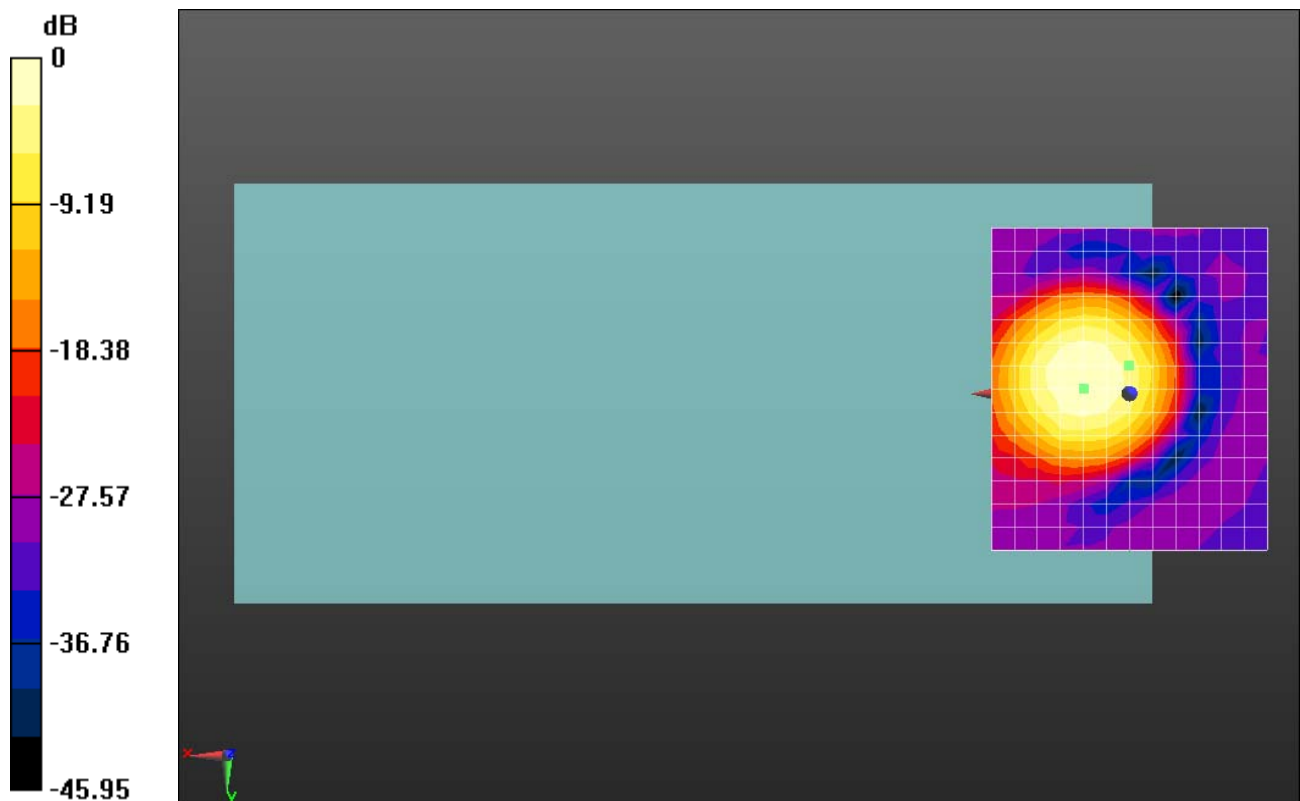
**Ch60/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x15x1):** Measurement grid: dx=10mm, dy=10mm

ABM1/ABM2 = 59.30 dB

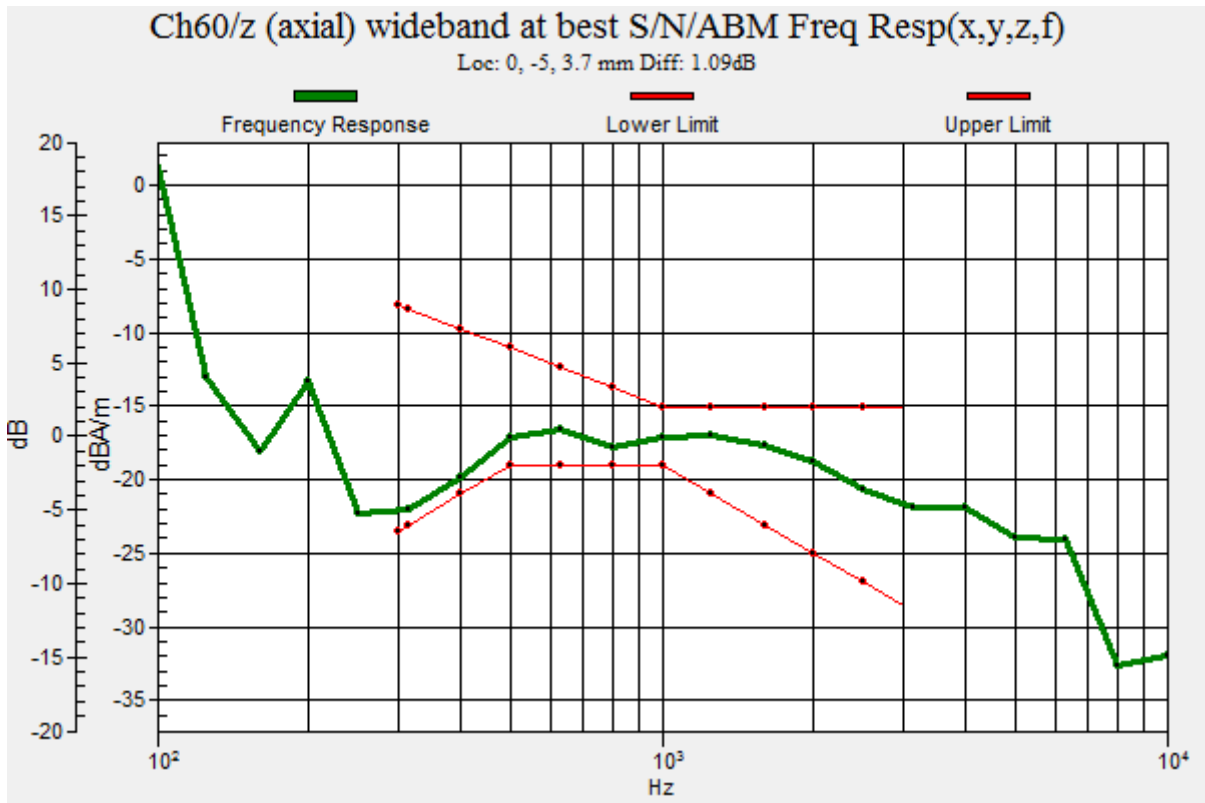
ABM1 comp = 9.09 dBA/m

BWC Factor = 0.04 dB

Location: 0, -5, 3.7 mm



0 dB = 923.0 = 59.30 dB



Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2023.01.12

## HAC\_T-Coil\_VoWiFi 5.3GHz\_802.11a 6Mbps\_AMR 4.75Kbps\_Ch60\_Y

Communication System: UID 10317 - AAA, IEEE 802.11a WiFi 5 GHz (OFDM, 6 Mbps, 96pc duty cycle); Frequency: 5300 MHz; Duty Cycle: 1:6.85488

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

Ambient Temperature : 23.2 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3128; ; Calibrated: 2022.07.19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1643; Calibrated: 2022.12.30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch60/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x15x1):** Measurement grid:

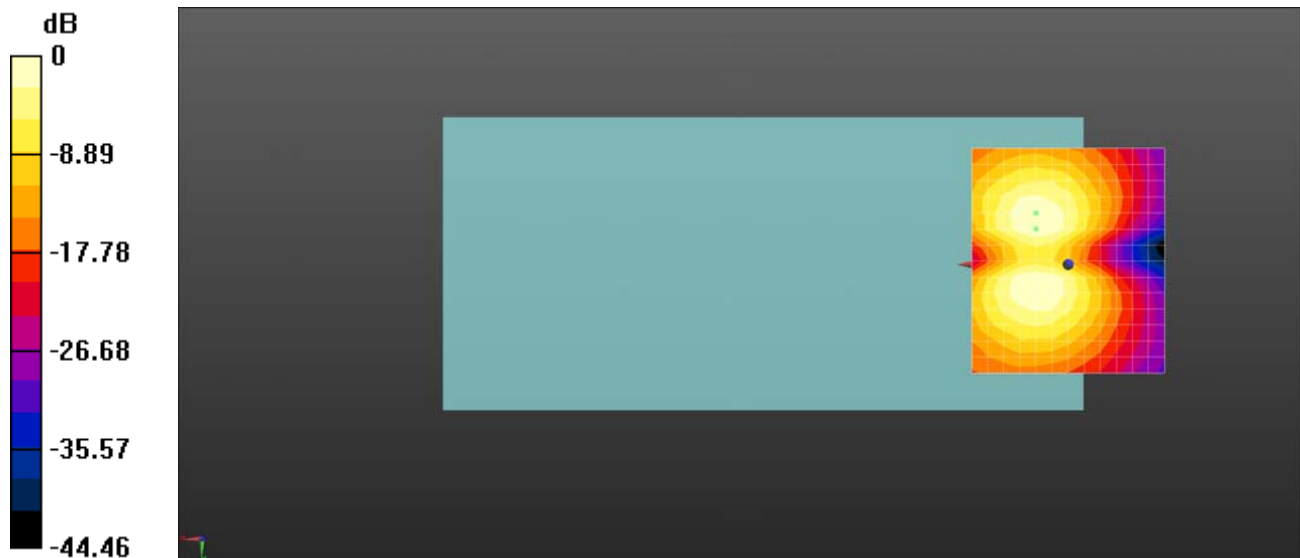
dx=10mm, dy=10mm

ABM1/ABM2 = 56.96 dB

ABM1 comp = 7.37 dBA/m

BWC Factor = 0.04 dB

Location: 8.3, -13.3, 3.7 mm



0 dB = 705.0 = 56.96 dB

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2023.01.12

**HAC\_T-Coil\_VoWiFi 5.5GHz\_802.11a 6Mbps\_AMR 4.75Kbps\_Ch120\_Z**

Communication System: UID 10317 - AAA, IEEE 802.11a WiFi 5 GHz (OFDM, 6 Mbps, 96pc duty cycle); Frequency: 5600 MHz; Duty Cycle: 1:6.85488

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

Ambient Temperature : 23.2 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3128; ; Calibrated: 2022.07.19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1643; Calibrated: 2022.12.30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

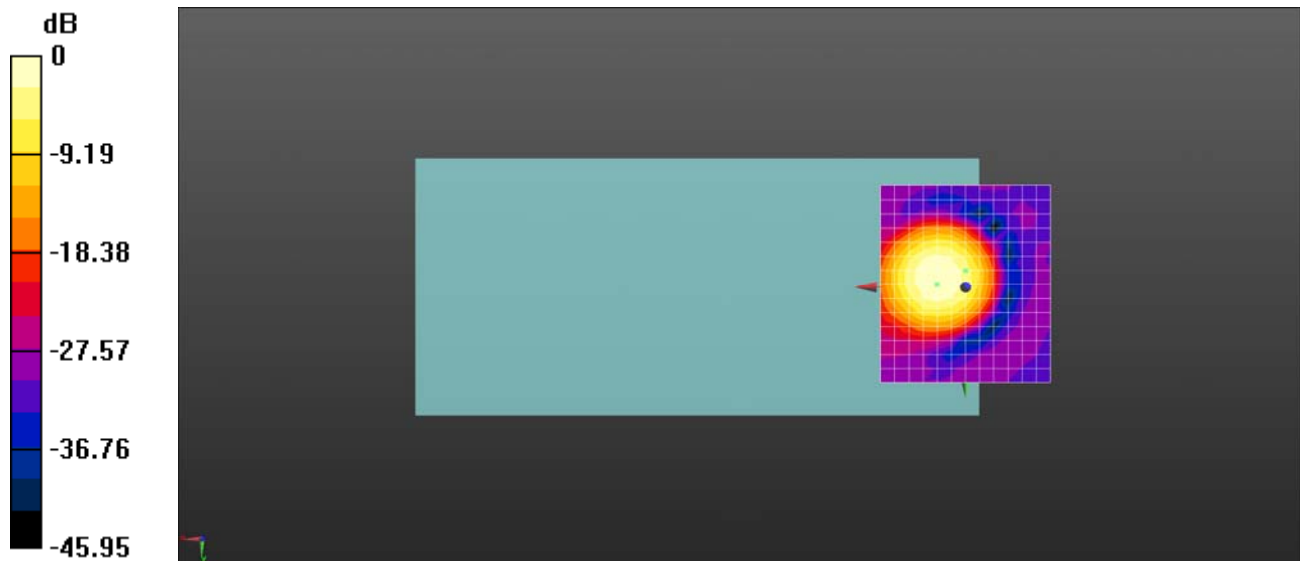
**Ch120/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x15x1):** Measurement grid: dx=10mm, dy=10mm

ABM1/ABM2 = 59.56 dB

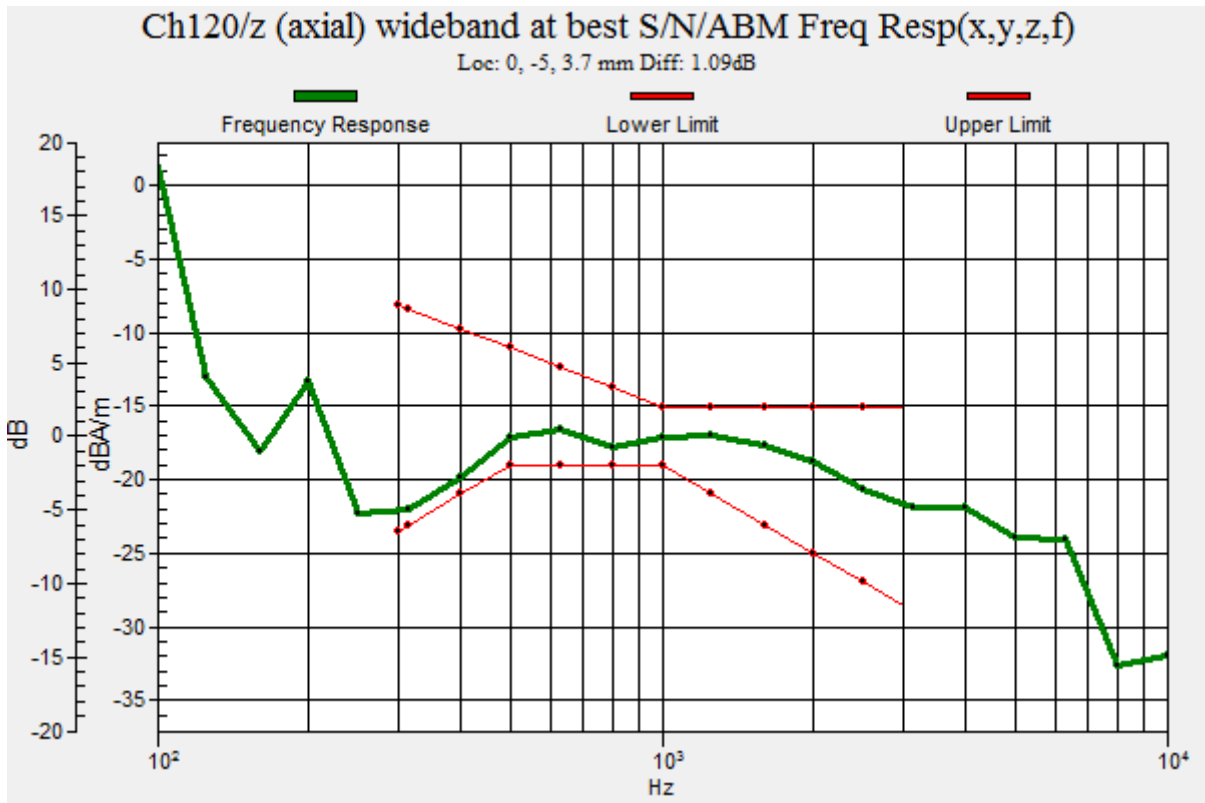
ABM1 comp = 7.03 dBA/m

BWC Factor = 0.04 dB

Location: 0, -5, 3.7 mm



0 dB = 300.61 = 49.56 dB



Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2023.01.12

**HAC\_T-Coil\_VoWiFi 5.5GHz\_802.11a 6Mbps\_AMR 4.75Kbps\_Ch120\_Y**

Communication System: UID 10317 - AAA, IEEE 802.11a WiFi 5 GHz (OFDM, 6 Mbps, 96pc duty cycle); Frequency: 5600 MHz; Duty Cycle: 1:6.85488

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

Ambient Temperature : 23.2 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3128; ; Calibrated: 2022.07.19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1643; Calibrated: 2022.12.30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch120/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x15x1):** Measurement grid:

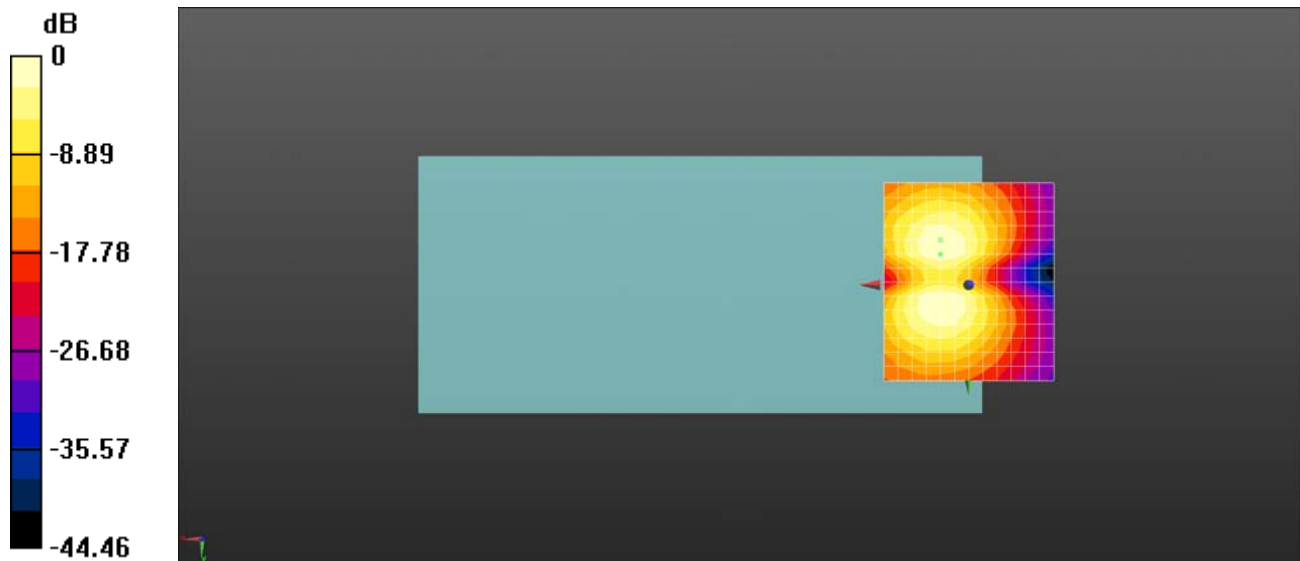
dx=10mm, dy=10mm

ABM1/ABM2 = 55.42 dB

ABM1 comp = 5.29 dBA/m

BWC Factor = 0.04 dB

Location: 8.3, -13.3, 3.7 mm



0 dB = 372.39 = 51.42 dB



Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2023.01.12

**HAC\_T-Coil\_VoWiFi 5.8GHz\_802.11a 6Mbps\_AMR 4.75Kbps\_Ch157\_Z**

Communication System: UID 10317 - AAA, IEEE 802.11a WiFi 5 GHz (OFDM, 6 Mbps, 96pc duty cycle); Frequency: 5785 MHz; Duty Cycle: 1:6.85488

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

Ambient Temperature : 23.2 °C

**DASY5 Configuration:**

- Probe: AM1DV3 - 3128; ; Calibrated: 2022.07.19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1643; Calibrated: 2022.12.30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

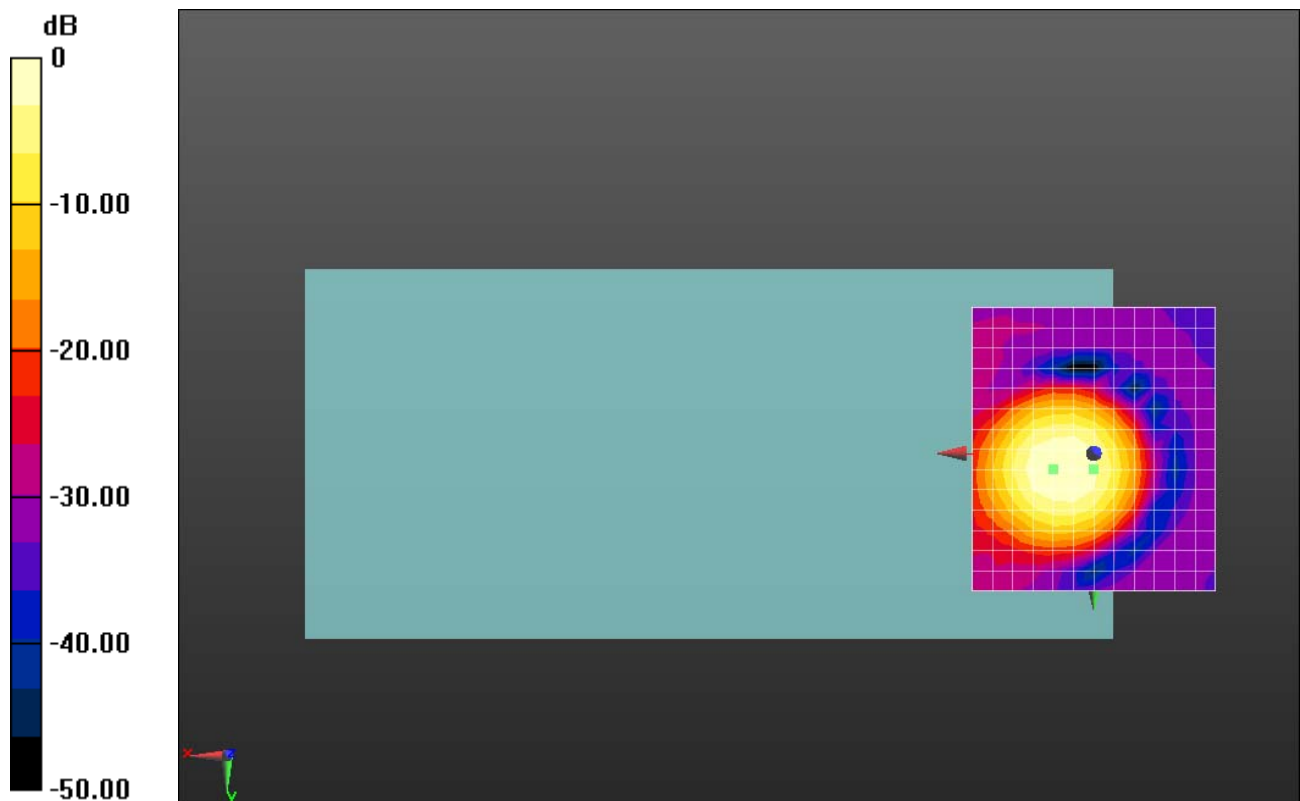
**Ch157/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x15x1):** Measurement grid: dx=10mm, dy=10mm

ABM1/ABM2 = 57.46 dB

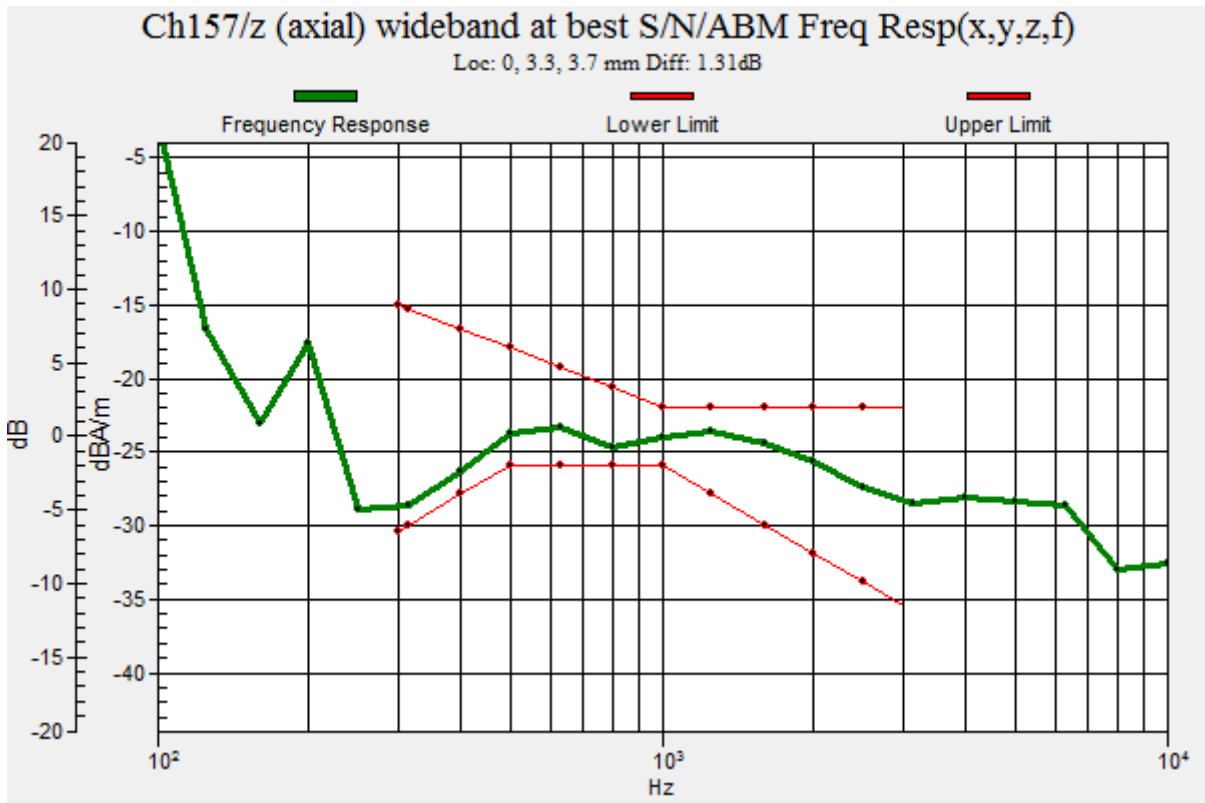
ABM1 comp = 10.75 dBA/m

BWC Factor = 0.04 dB

Location: 0, 3.3, 3.7 mm



0 dB = 939.7 = 59.46 dB



Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2023.01.12

**HAC\_T-Coil\_VoWiFi 5.8GHz\_802.11a 6Mbps\_AMR 4.75Kbps\_Ch157\_Y**

Communication System: UID 10317 - AAA, IEEE 802.11a WiFi 5 GHz (OFDM, 6 Mbps, 96pc duty cycle); Frequency: 5785 MHz; Duty Cycle: 1:6.85488

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

Ambient Temperature : 23.2 °C

**DASY5 Configuration:**

- Probe: AM1DV2 - 1048; ; Calibrated: 2022.02.22
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1643; Calibrated: 2022.12.30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch157/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x15x1):** Measurement grid:

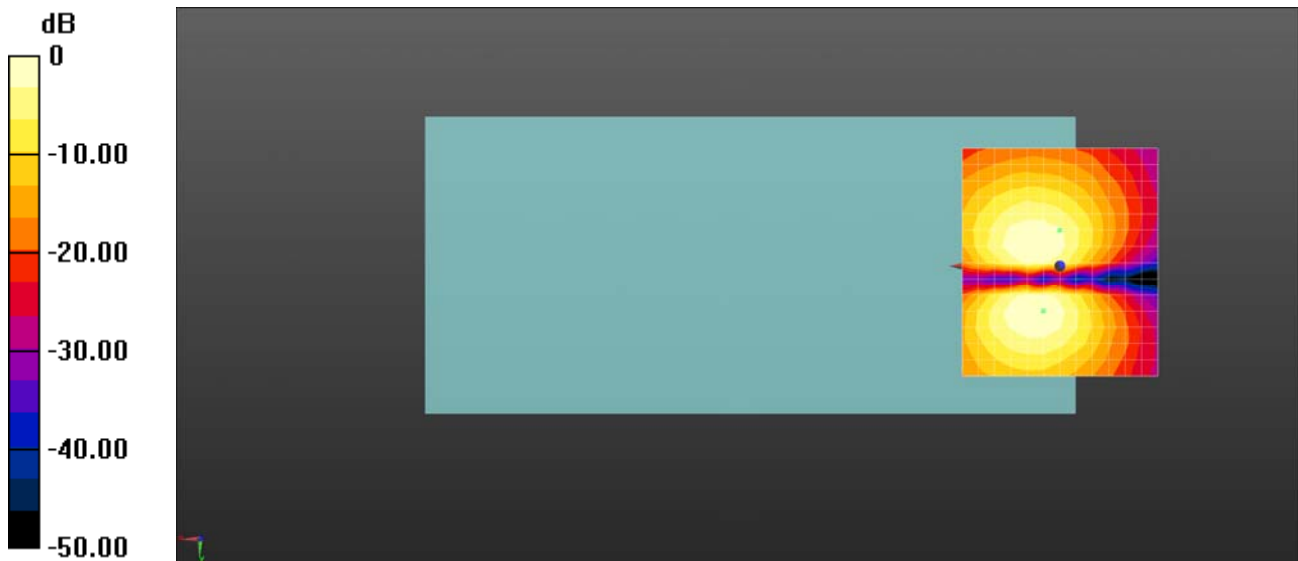
dx=10mm, dy=10mm

ABM1/ABM2 = 54.86 dB

ABM1 comp = 5.63 dBA/m

BWC Factor = 0.04 dB

Location: 0, -9.2, 3.7 mm



0 dB = 781.8 = 57.86 dB

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2023.01.12

**HAC\_T-Coil\_VoWiFi 5.8GHz\_802.11n-HT20 MCS0\_AMR 4.75Kbps\_Ch157\_Z**

Communication System: UID 10196 - CAA, IEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK);  
Frequency: 5785 MHz; Duty Cycle: 1:6.45654

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

Ambient Temperature : 23.2 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3128; ; Calibrated: 2022.07.19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1643; Calibrated: 2022.12.30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

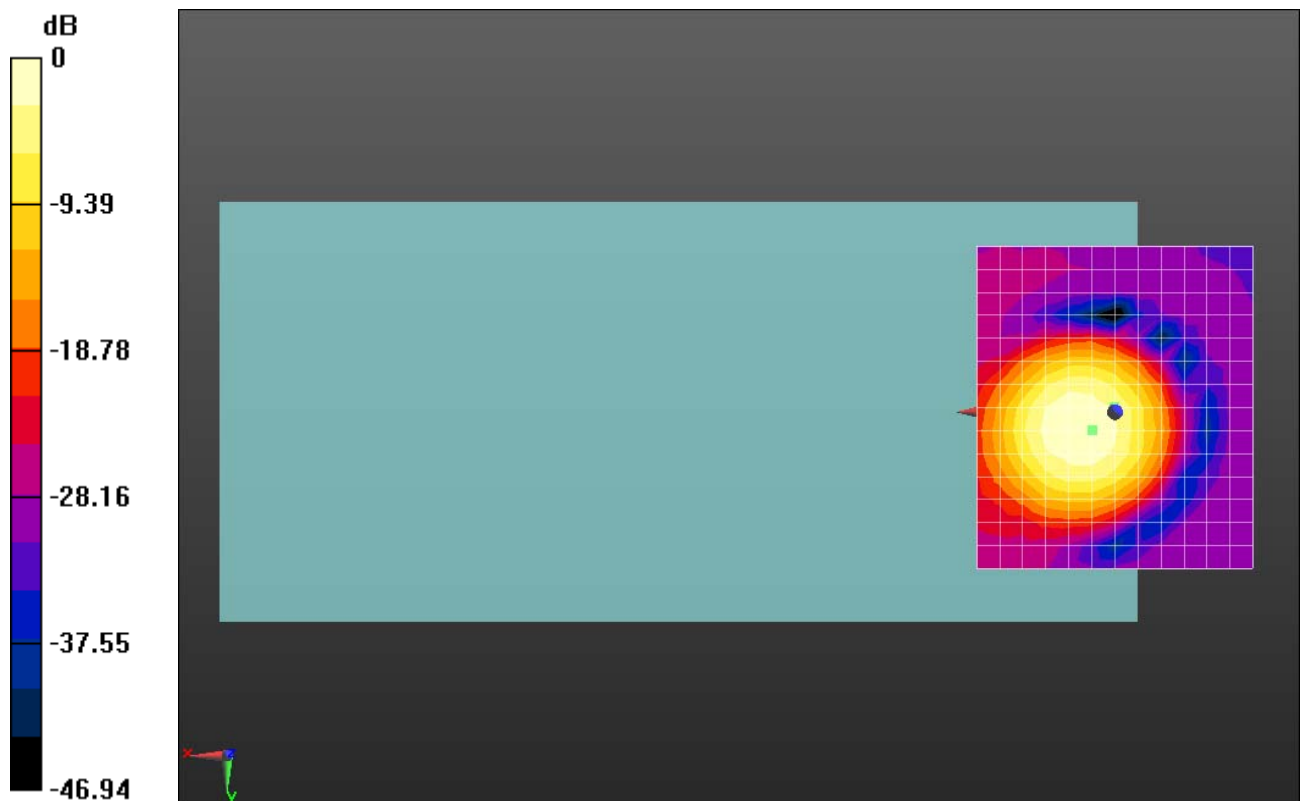
**Ch157/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x15x1):** Measurement grid: dx=10mm, dy=10mm

ABM1/ABM2 = 58.66 dB

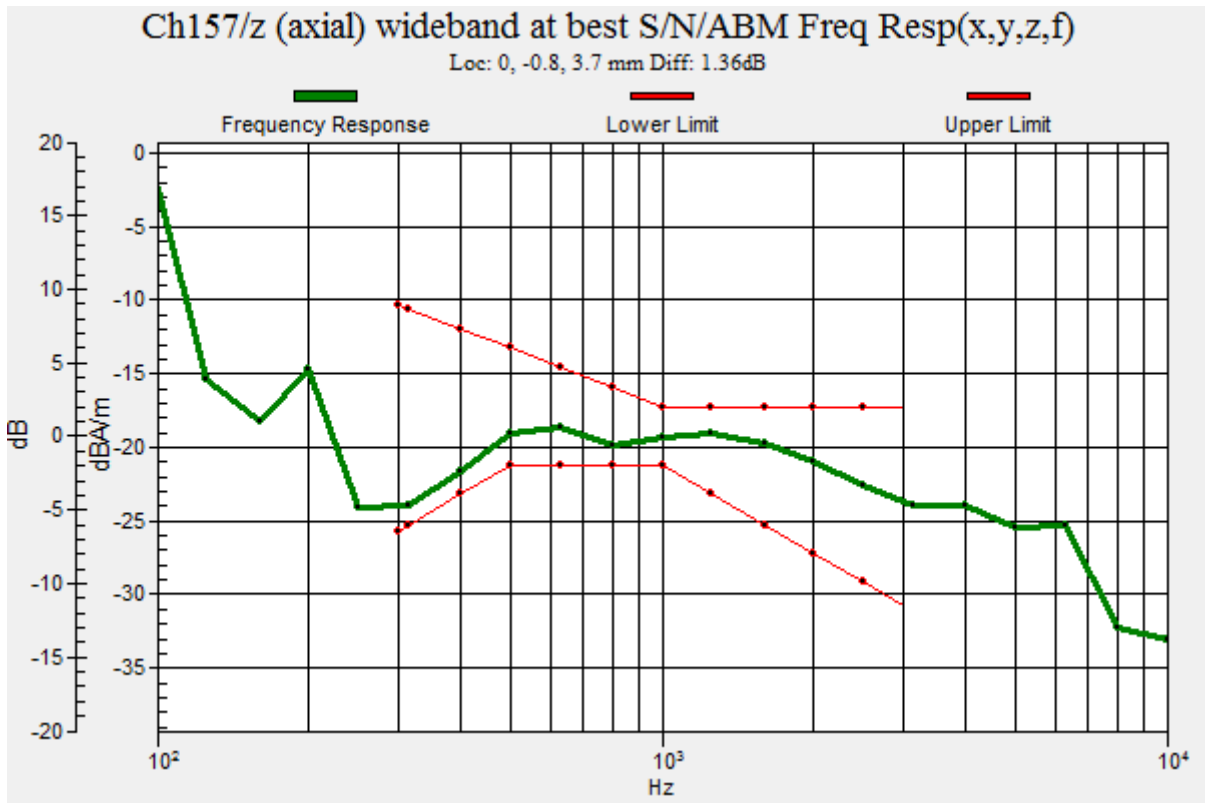
ABM1 comp = 9.87 dBA/m

BWC Factor = 0.04 dB

Location: 0, -0.8, 3.7 mm



0 dB = 857.0 = 58.66 dB



Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2023.01.12

**HAC\_T-Coil\_VoWiFi 5.8GHz\_802.11n-HT20 MCS0\_AMR 4.75Kbps\_Ch157\_Y**

Communication System: UID 10196 - CAA, IEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK);  
Frequency: 5785 MHz; Duty Cycle: 1:6.45654

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

Ambient Temperature : 23.2 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3128; ; Calibrated: 2022.07.19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1643; Calibrated: 2022.12.30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch157/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x15x1):** Measurement grid:

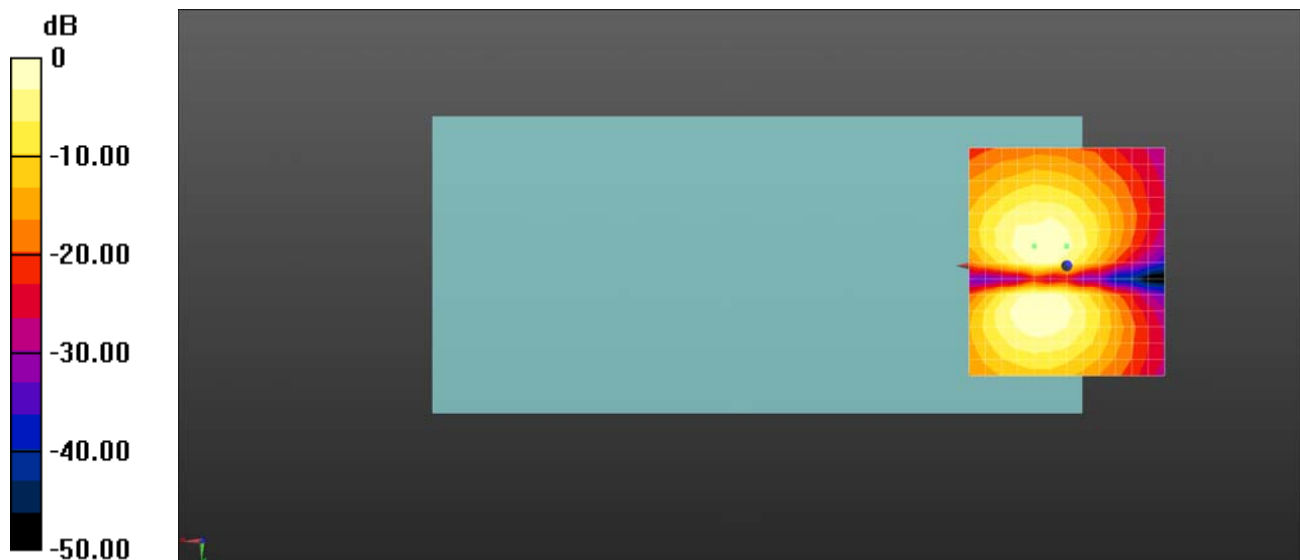
dx=10mm, dy=10mm

ABM1/ABM2 = 57.70 dB

ABM1 comp = 6.32 dBA/m

BWC Factor = 0.04 dB

Location: 0, -5, 3.7 mm



0 dB = 767.7 = 57.70 dB

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2023.01.12

**HAC\_T-Coil\_VoWiFi 5.8GHz\_802.11n-HT40 MCS0\_AMR 4.75Kbps\_Ch159\_Z**

Communication System: UID 10114 - CAA, IEEE 802.11n (HT Greenfield, 13.5 Mbps, BPSK);  
Frequency: 5795 MHz; Duty Cycle: 1:6.45654

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

Ambient Temperature : 23.2 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3128; ; Calibrated: 2022.07.19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1643; Calibrated: 2022.12.30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

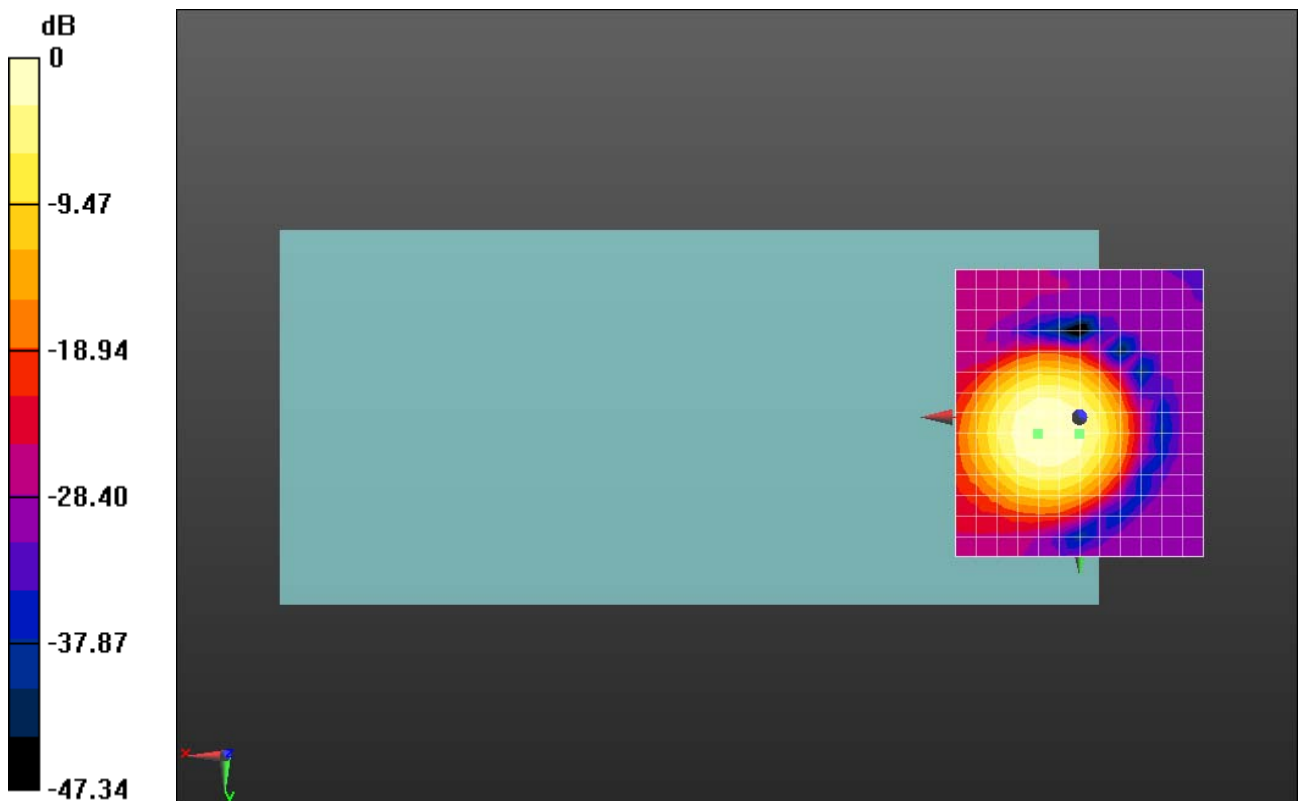
**Ch159/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x15x1):** Measurement grid: dx=10mm, dy=10mm

ABM1/ABM2 = 58.84 dB

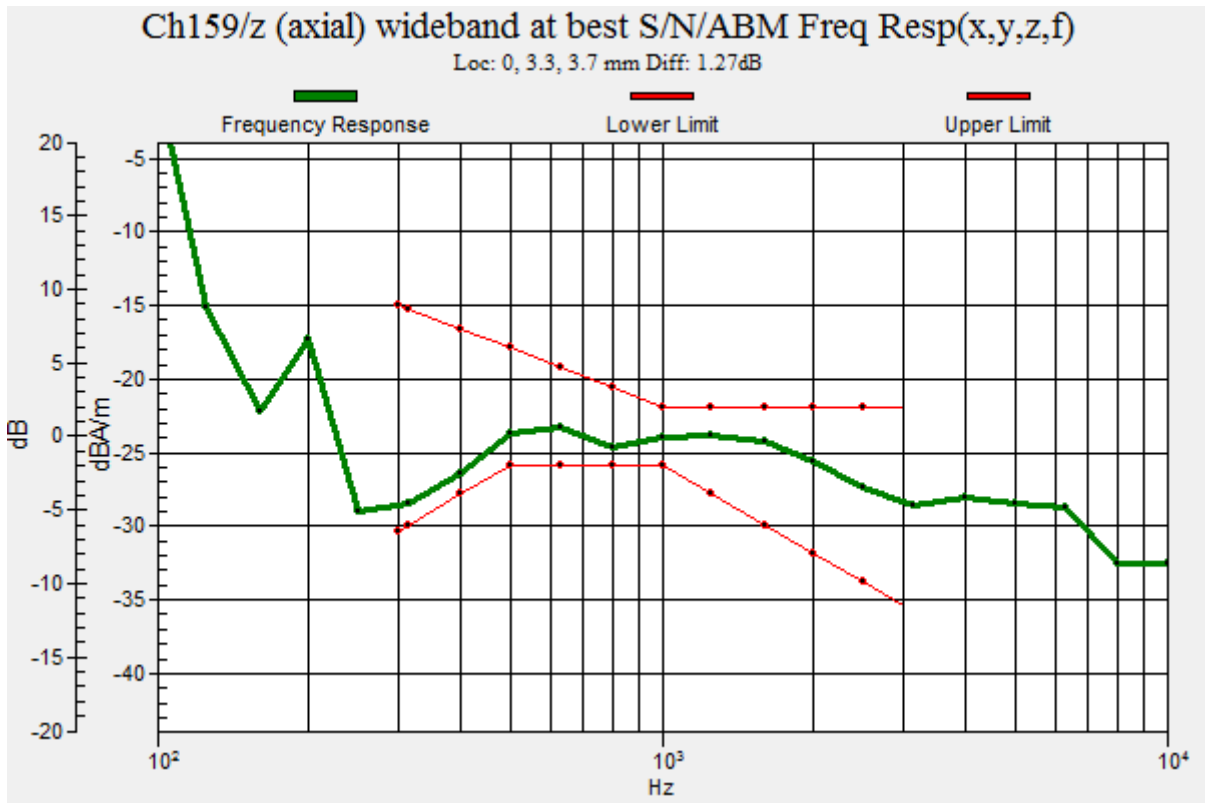
ABM1 comp = 11.01 dBA/m

BWC Factor = 0.04 dB

Location: 0, 3.3, 3.7 mm



0 dB = 874.9 = 58.84 dB





Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2023.01.12

**HAC\_T-Coil\_VoWiFi 5.8GHz\_802.11n-HT40 MCS0\_AMR 4.75Kbps\_Ch159\_Y**

Communication System: UID 10114 - CAA, IEEE 802.11n (HT Greenfield, 13.5 Mbps, BPSK);  
Frequency: 5795 MHz; Duty Cycle: 1:6.45654

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

Ambient Temperature : 23.2 °C

**DASY5 Configuration:**

- Probe: AM1DV3 - 3128; ; Calibrated: 2022.07.19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1643; Calibrated: 2022.12.30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch159/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x15x1): Measurement grid:**

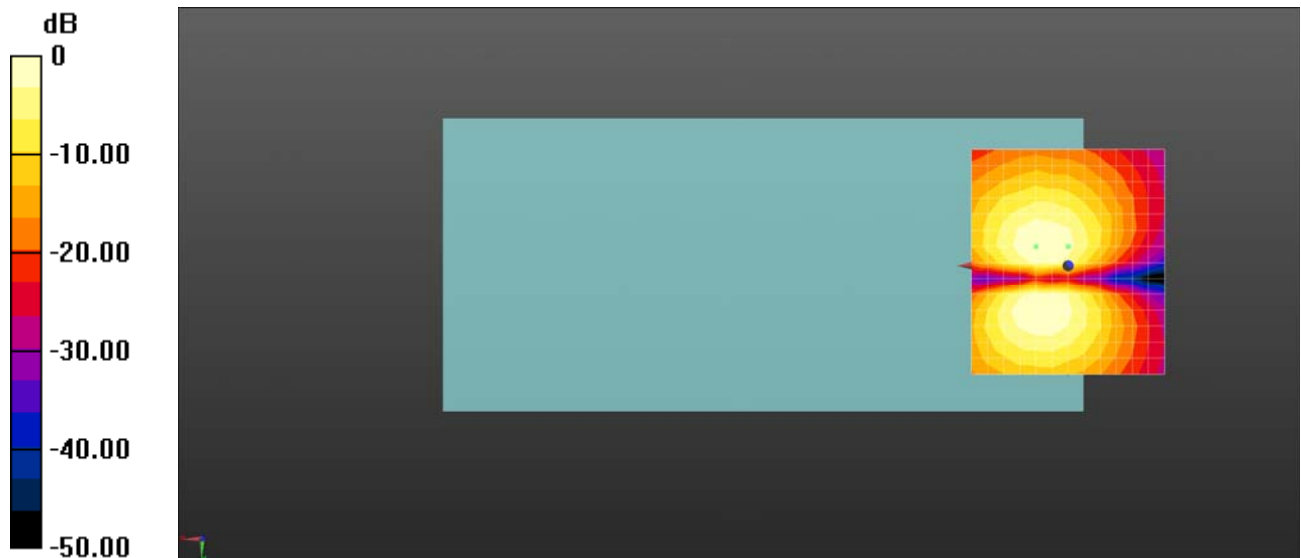
dx=10mm, dy=10mm

ABM1/ABM2 = 58.08 dB

ABM1 comp = 6.29 dBA/m

BWC Factor = 0.04 dB

Location: 0, -5, 3.7 mm



0 dB = 801.6 = 58.08 dB

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2023.01.12

**HAC\_T-Coil\_VoWiFi 5.8GHz\_802.11ac-VHT20 MCS0\_AMR 4.75Kbps\_Ch157\_Z**

Communication System: UID 10400 - AAA, IEEE 802.11ac WiFi (20MHz, 64-QAM, 99pc duty cycle); Frequency: 5785 MHz; Duty Cycle: 1:6.87068

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

Ambient Temperature : 23.2 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3128; ; Calibrated: 2022.07.19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1643; Calibrated: 2022.12.30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

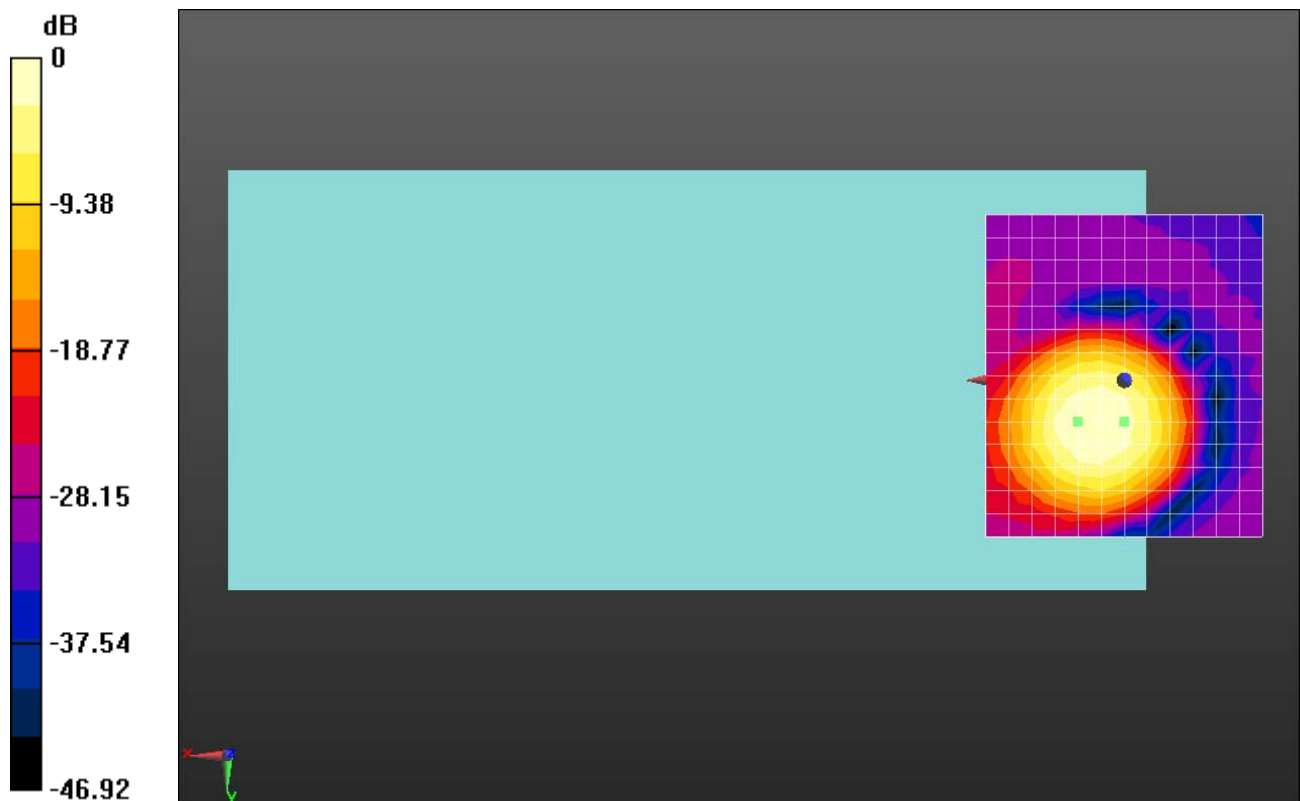
**Ch157/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x15x1):** Measurement grid: dx=10mm, dy=10mm

ABM1/ABM2 = 58.26 dB

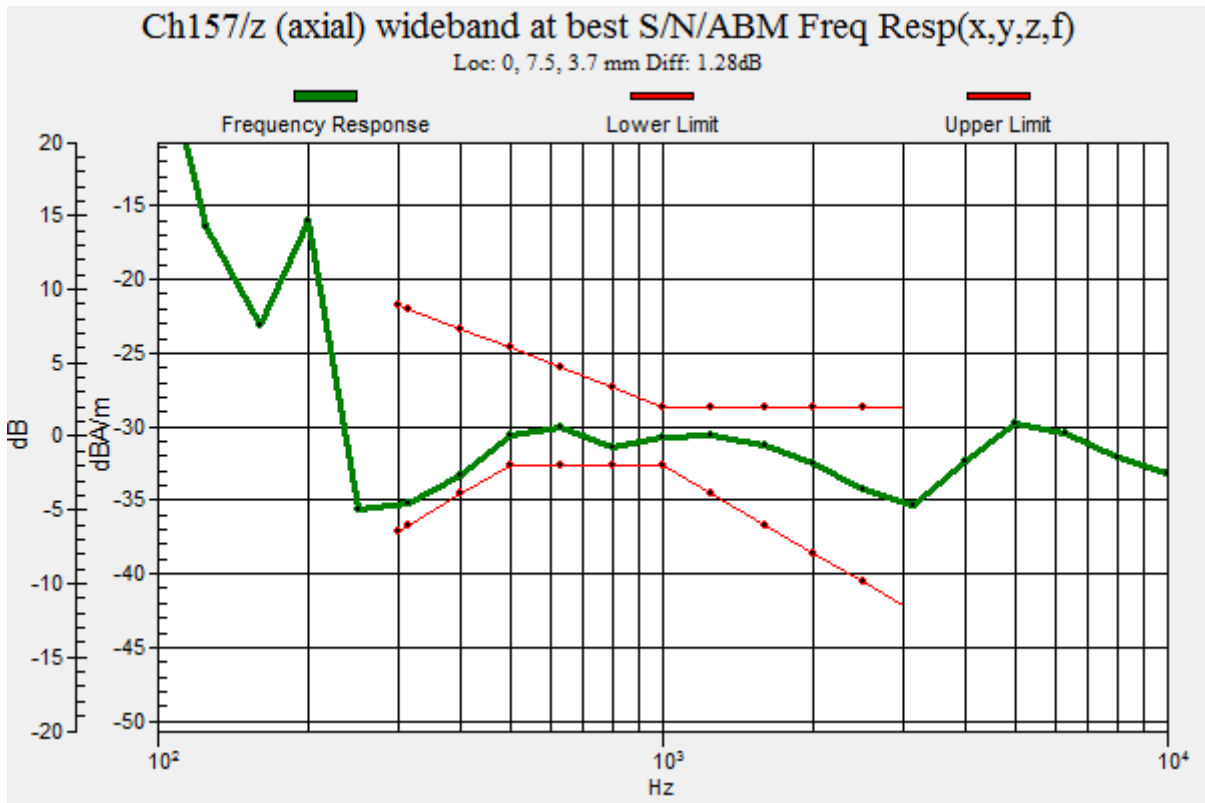
ABM1 comp = 11.94 dBA/m

BWC Factor = 0.04 dB

Location: 0, 7.5, 3.7 mm



0 dB = 818.7 = 58.26 dB



Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2023.01.12

**HAC\_T-Coil\_VoWiFi 5.8GHz\_802.11ac-VHT20 MCS0\_AMR 4.75Kbps\_Ch157\_Y**

Communication System: UID 10400 - AAA, IEEE 802.11ac WiFi (20MHz, 64-QAM, 99pc duty cycle); Frequency: 5785 MHz; Duty Cycle: 1:6.87068

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

Ambient Temperature : 23.2 °C

**DASY5 Configuration:**

- Probe: AM1DV3 - 3128; ; Calibrated: 2022.07.19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1643; Calibrated: 2022.12.30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch157/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x15x1):** Measurement grid:

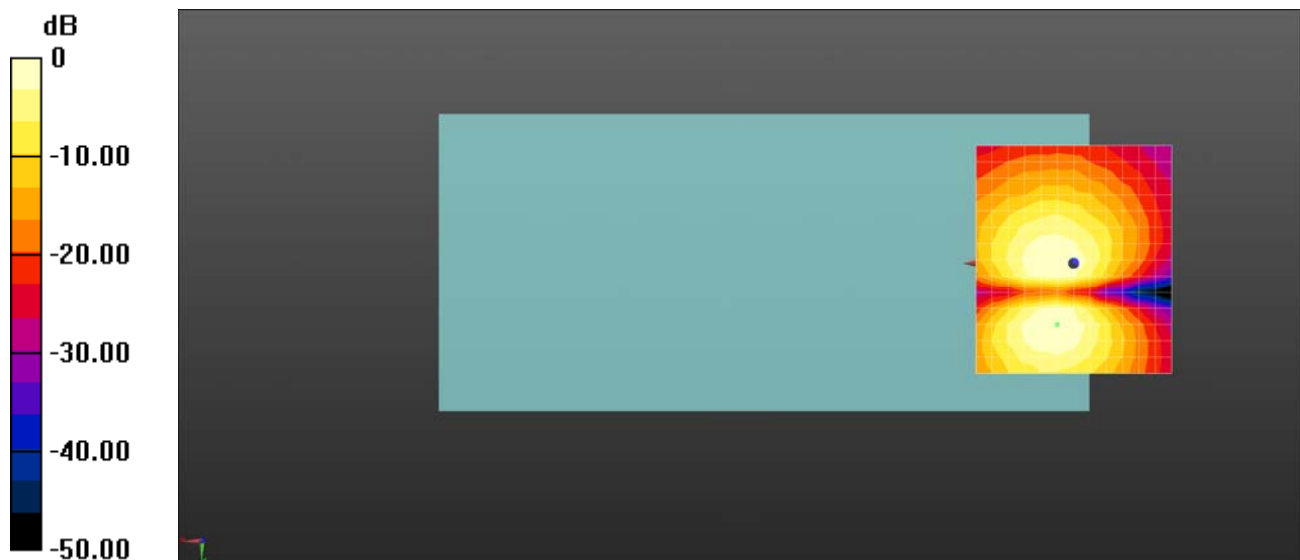
dx=10mm, dy=10mm

ABM1/ABM2 = 57.07 dB

ABM1 comp = 6.71 dBA/m

BWC Factor = 0.04 dB

Location: 0, -0.8, 3.7 mm



0 dB = 713.6 = 57.07 dB

**HAC\_T-Coil\_VoWiFi 5.8GHz\_802.11ac-VHT40 MCS0\_AMR 4.75Kbps\_Ch159\_Z**

Communication System: UID 10401 - AAA, IEEE 802.11ac WiFi (40MHz, 64-QAM, 99pc duty cycle); Frequency: 5795 MHz; Duty Cycle: 1:7.24436

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

Ambient Temperature : 23.2 °C

**DASY5 Configuration:**

- Probe: AM1DV3 - 3128; ; Calibrated: 2022.07.19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1643; Calibrated: 2022.12.30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

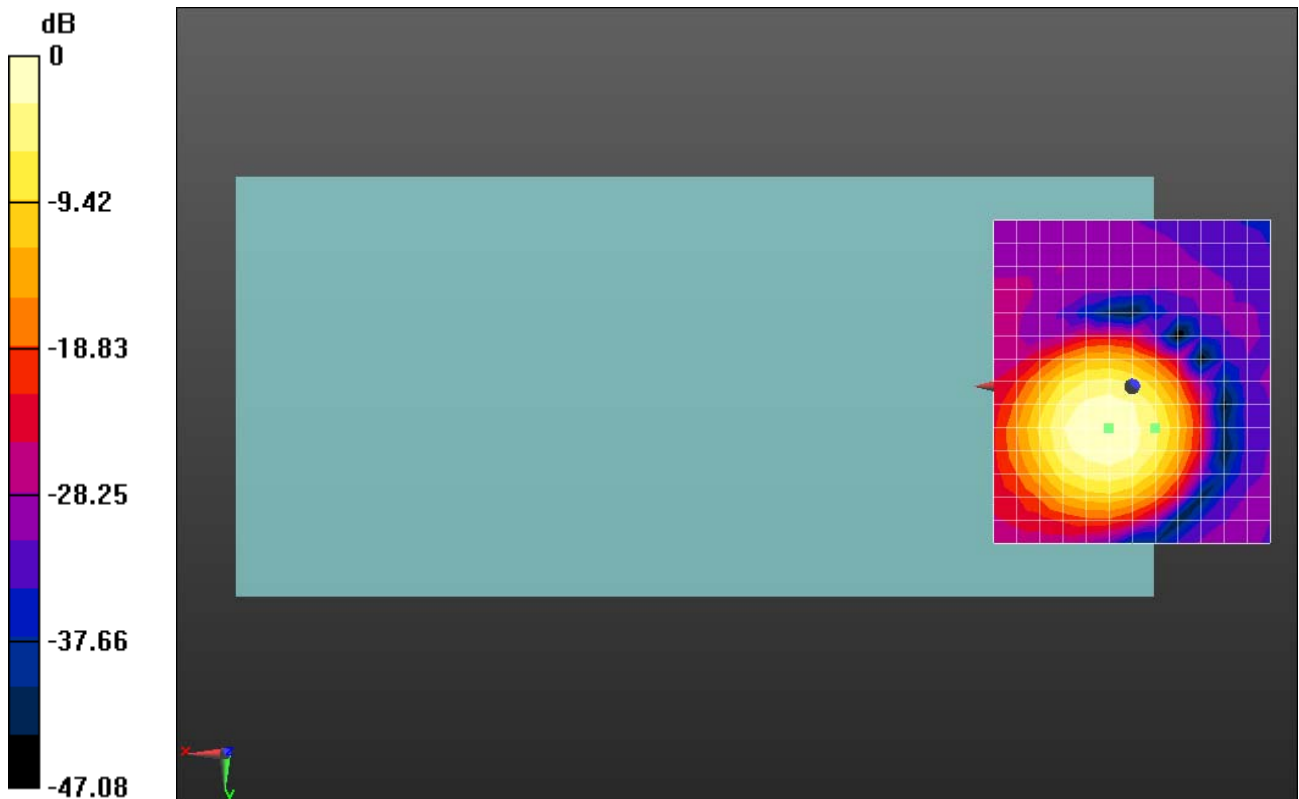
**Ch159/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x15x1):** Measurement grid: dx=10mm, dy=10mm

ABM1/ABM2 = 59.22 dB

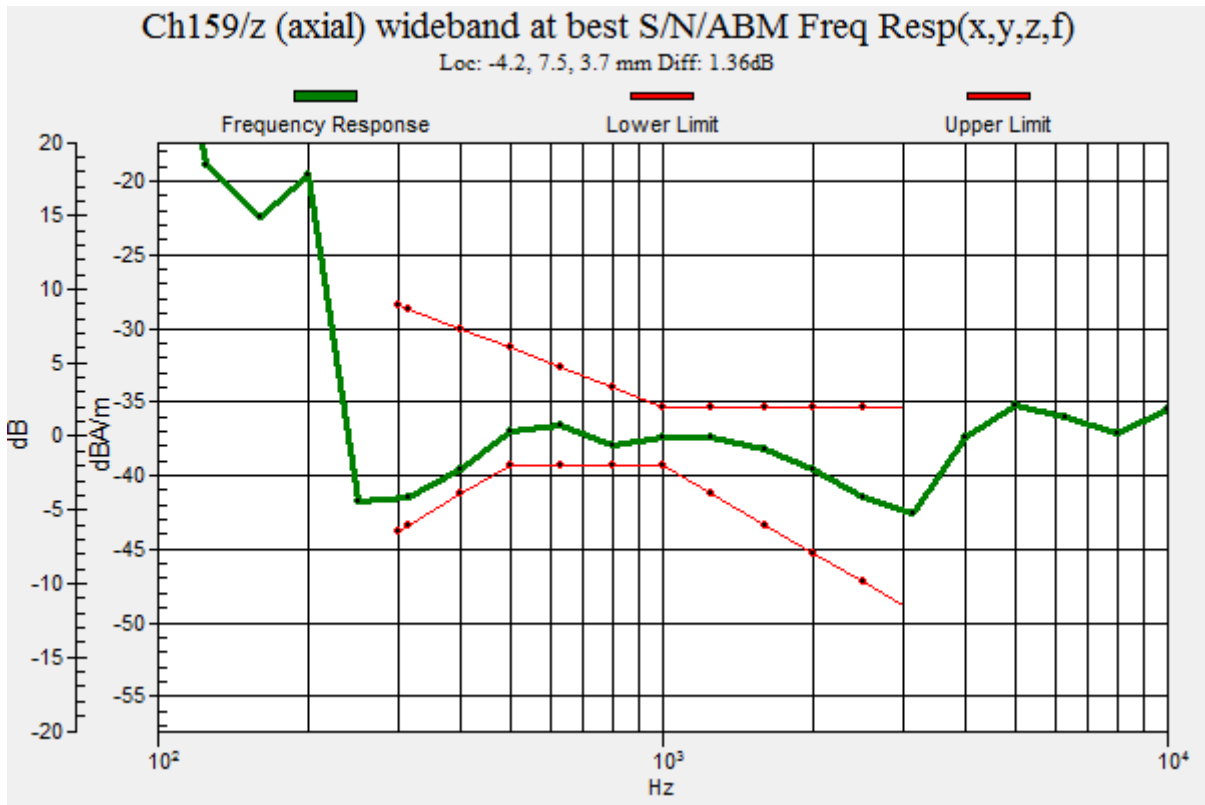
ABM1 comp = 8.16 dBA/m

BWC Factor = 0.04 dB

Location: -4.2, 7.5, 3.7 mm



0 dB = 913.7 = 59.22 dB



Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2023.01.12

**HAC\_T-Coil\_VoWiFi 5.8GHz\_802.11ac-VHT40 MCS0\_AMR 4.75Kbps\_Ch159\_Y**

Communication System: UID 10401 - AAA, IEEE 802.11ac WiFi (40MHz, 64-QAM, 99pc duty cycle); Frequency: 5795 MHz; Duty Cycle: 1:7.24436

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

Ambient Temperature : 23.2 °C

**DASY5 Configuration:**

- Probe: AM1DV3 - 3128; ; Calibrated: 2022.07.19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1643; Calibrated: 2022.12.30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch159/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x15x1):** Measurement grid:

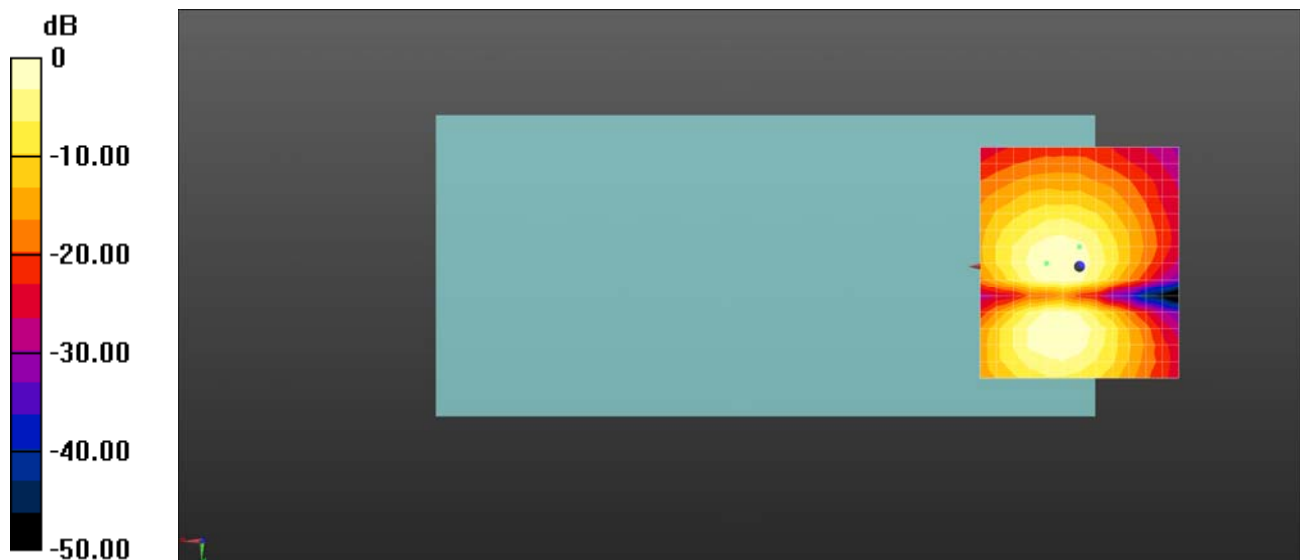
dx=10mm, dy=10mm

ABM1/ABM2 = 56.84 dB

ABM1 comp = 5.84 dBA/m

BWC Factor = 0.04 dB

Location: 0, -5, 3.7 mm



0 dB = 695.3 = 56.84 dB

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2023.01.12

**HAC\_T-Coil\_VoWiFi 5.8GHz\_802.11ac-VHT80 MCS0\_AMR 4.75Kbps\_Ch155\_Z**

Communication System: UID 10118 - CAA, IEEE 802.11n (HT Mixed, 81 Mbps, 16-QAM);  
Frequency: 5775 MHz; Duty Cycle: 1:7.2277

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

Ambient Temperature : 23.2 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3128; ; Calibrated: 2022.07.19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1643; Calibrated: 2022.12.30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

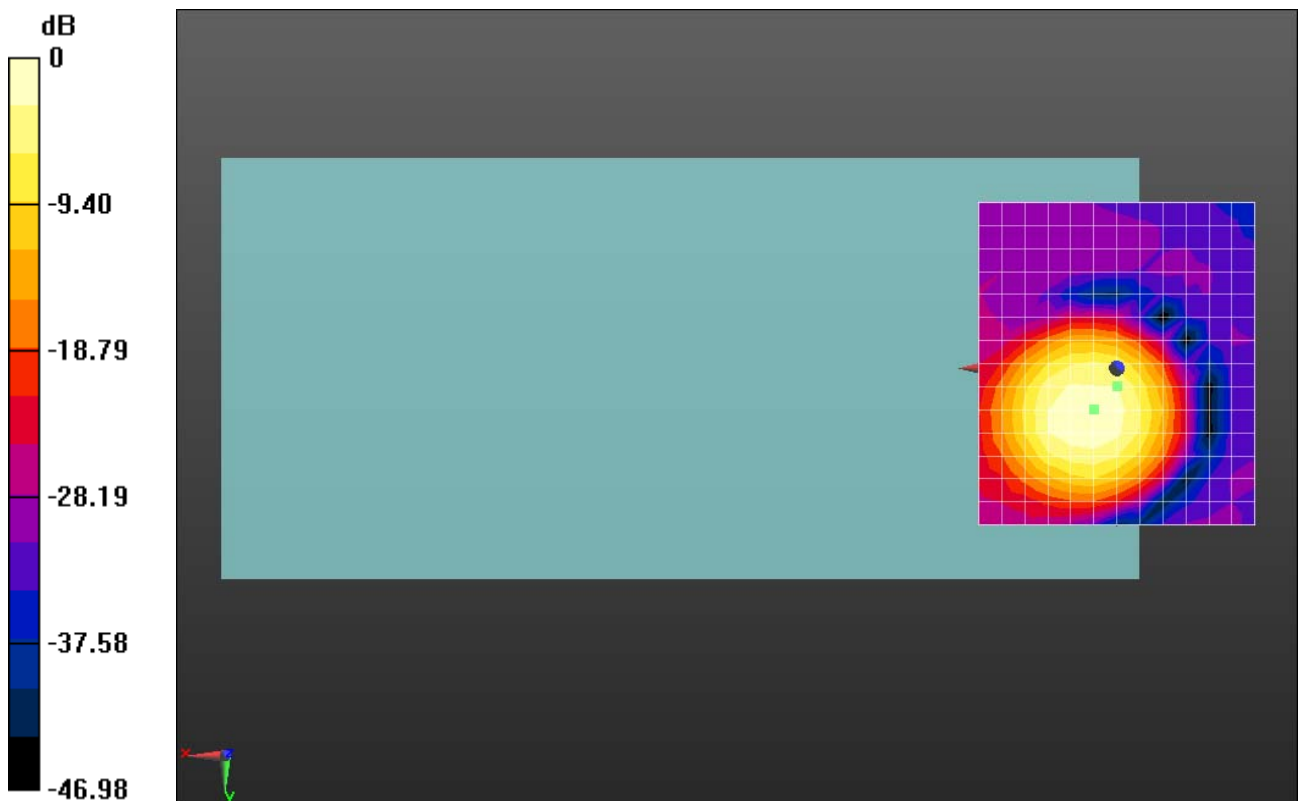
**Ch155/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x15x1):** Measurement grid: dx=10mm, dy=10mm

ABM1/ABM2 = 58.73 dB

ABM1 comp = 10.24 dBA/m

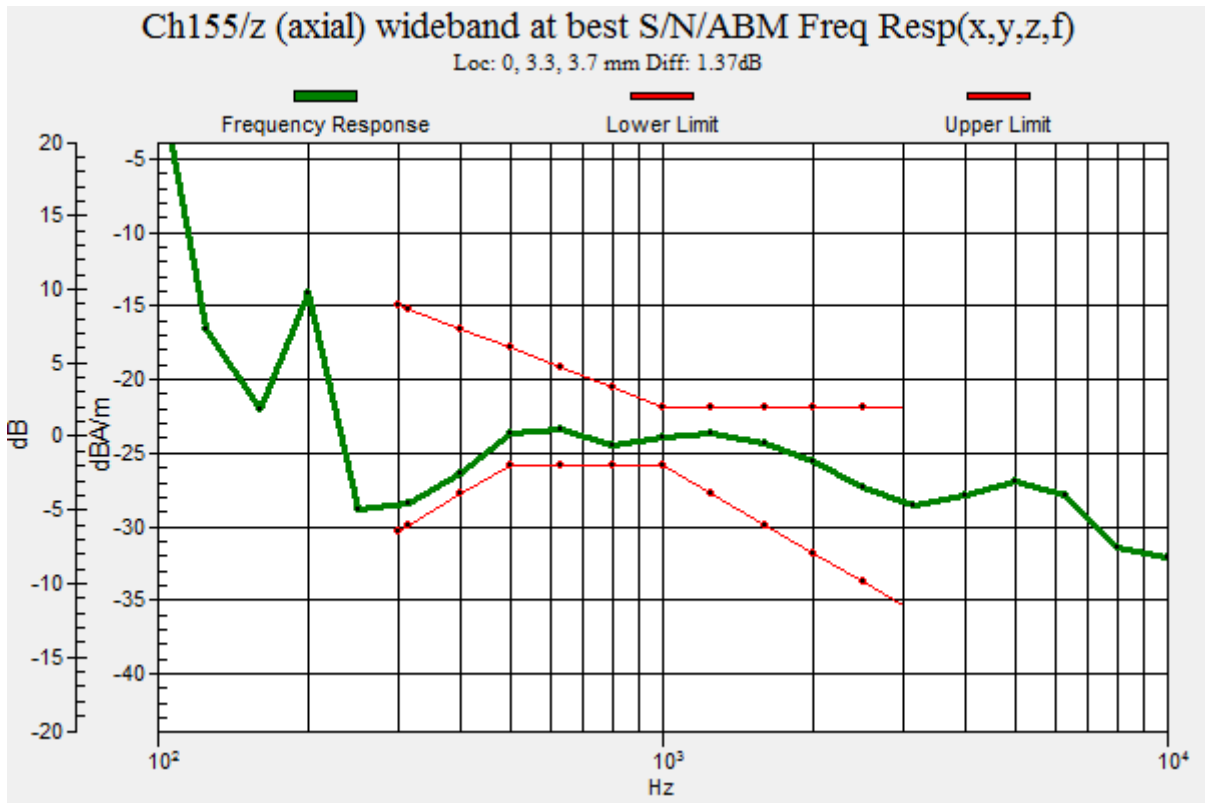
BWC Factor = 0.07 dB

Location: 0, 3.3, 3.7 mm



0 dB = 864.5 = 58.74 dB





Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2023.01.12

**HAC\_T-Coil\_VoWiFi 5.8GHz\_802.11ac-VHT80 MCS0\_AMR 4.75Kbps\_Ch155\_Y**

Communication System: UID 10118 - CAA, IEEE 802.11n (HT Mixed, 81 Mbps, 16-QAM);  
Frequency: 5775 MHz; Duty Cycle: 1:7.2277

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

Ambient Temperature : 23.2 °C

**DASY5 Configuration:**

- Probe: AM1DV3 - 3128; ; Calibrated: 2022.07.19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1643; Calibrated: 2022.12.30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch155/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x15x1):** Measurement grid:

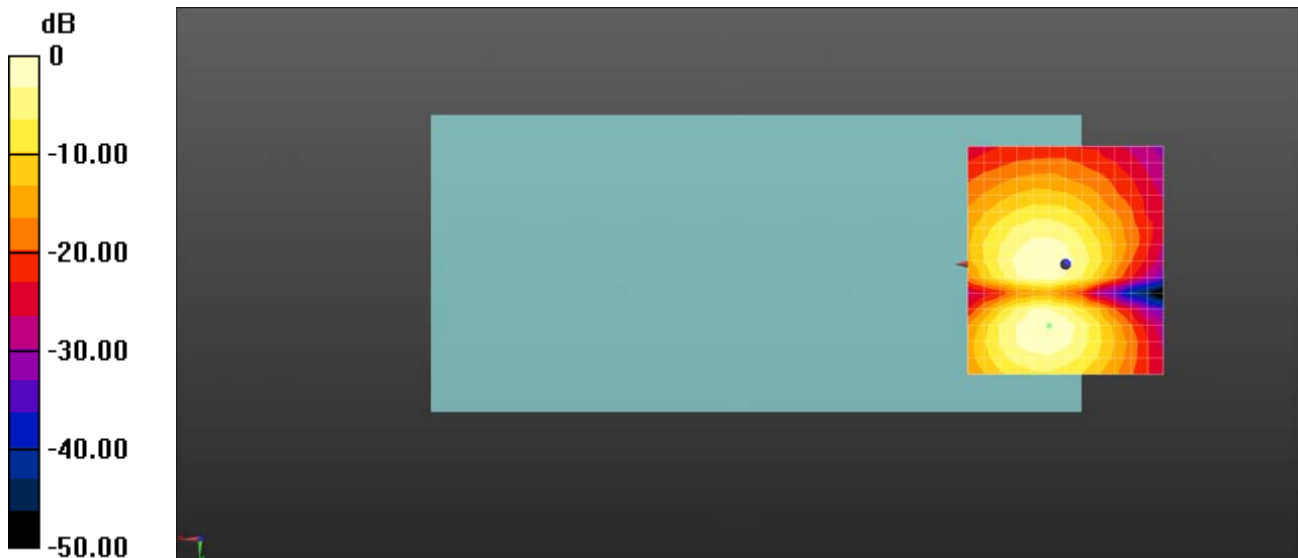
dx=10mm, dy=10mm

ABM1/ABM2 = 58.26 dB

ABM1 comp = 6.50 dBA/m

BWC Factor = 0.07 dB

Location: 0, -0.8, 3.7 mm



0 dB = 818.1 = 58.26 dB

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2023.01.12

**HAC\_T-Coil\_OTT VoIP\_GSM1900\_EDGE (4TX slots)\_Ch661\_Z**

Communication System: UID 10021 - DAB, GSM-FDD (TDMA, GMSK); Frequency: 1880 MHz; Duty Cycle: 1:8.6896

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

Ambient Temperature : 23.2 °C

DASY5 Configuration:

- Probe: AM1DV2 - 1048; ; Calibrated: 2022.02.22
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1643; Calibrated: 2022.12.30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

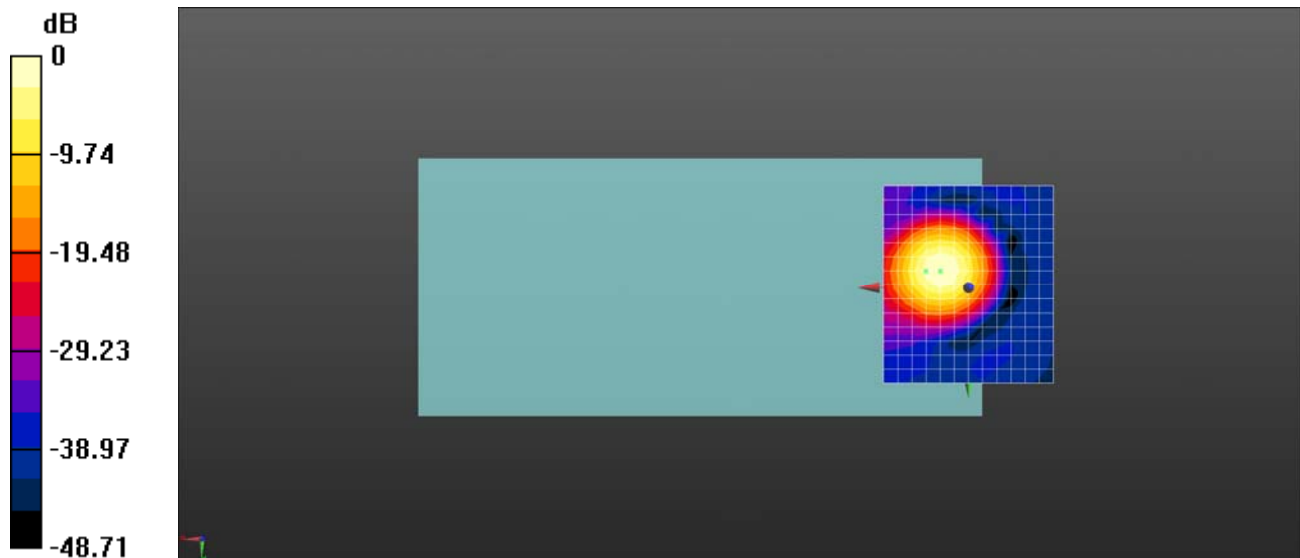
**Ch661/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x15x1):** Measurement grid: dx=10mm, dy=10mm

ABM1/ABM2 = 41.41 dB

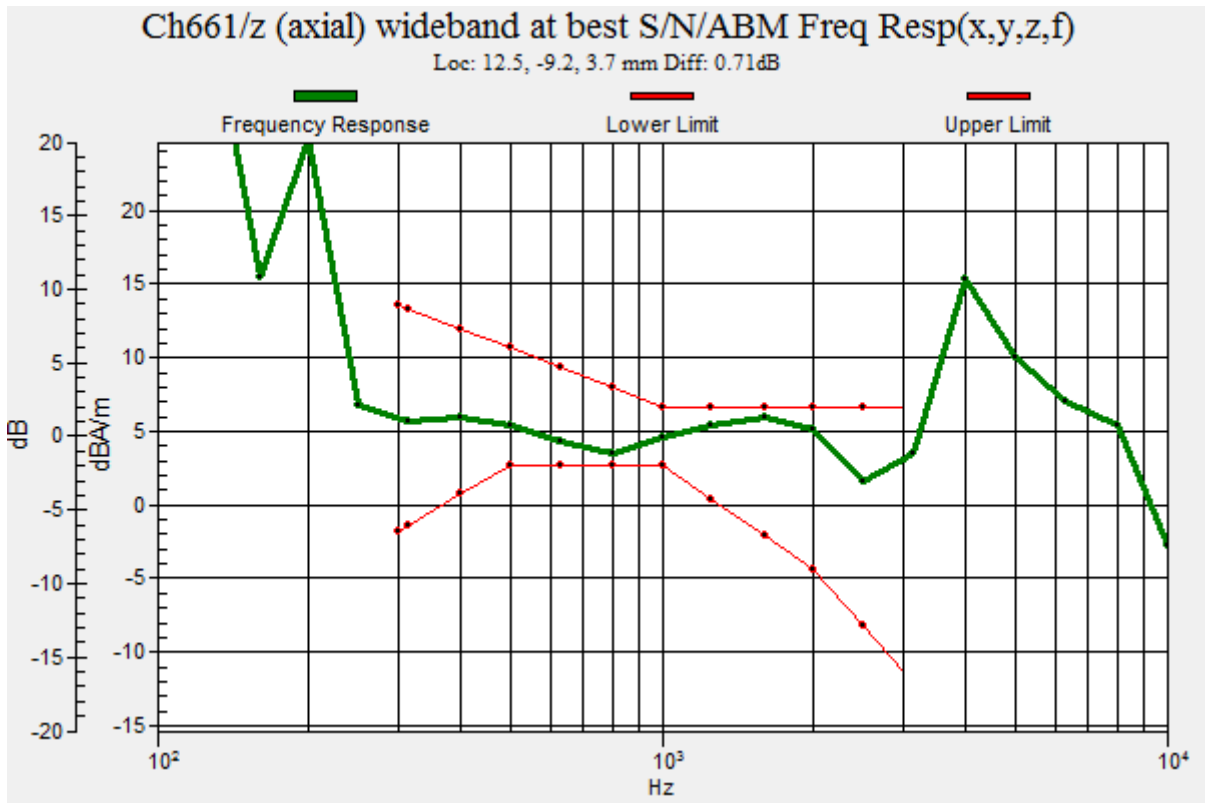
ABM1 comp = 3.92 dBA/m

BWC Factor = 0.04 dB

Location: 12.5, -5, 3.7 mm



0 dB = 117.7 = 41.42 dB



Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2023.01.12

**HAC\_T-Coil\_OTT VoIP\_GSM1900\_EDGE (4TX slots)\_Ch661\_Y**

Communication System: UID 10021 - DAB, GSM-FDD (TDMA, GMSK); Frequency: 1880 MHz; Duty Cycle: 1:8.6896

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

Ambient Temperature : 23.2 °C

DASY5 Configuration:

- Probe: AM1DV2 - 1048; ; Calibrated: 2022.02.22
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1643; Calibrated: 2022.12.30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch661/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x15x1):** Measurement grid:

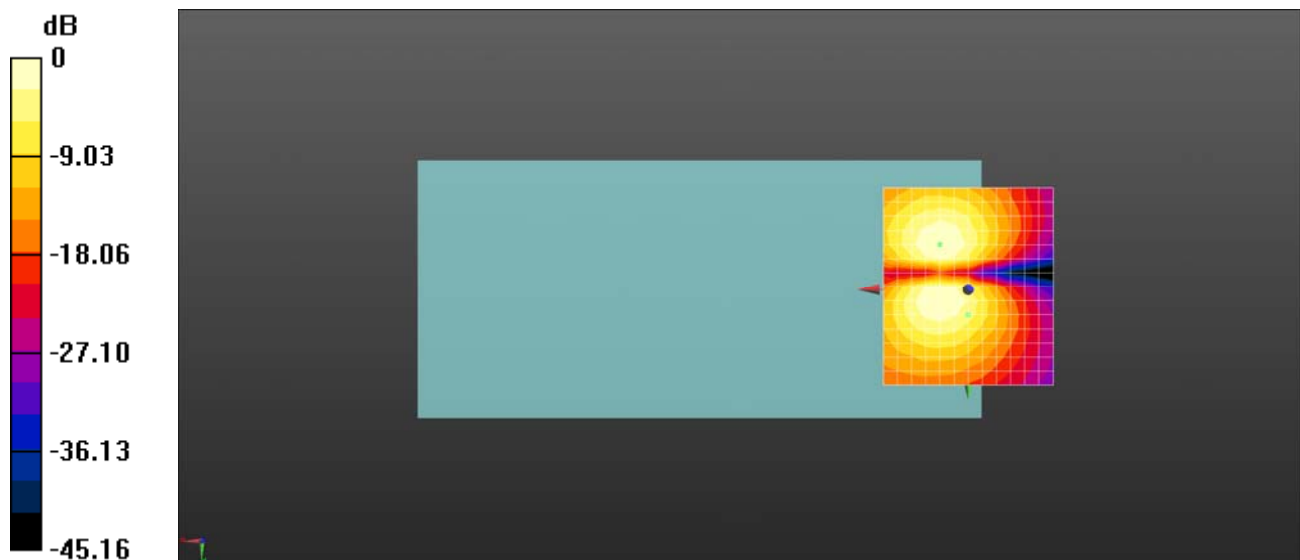
dx=10mm, dy=10mm

ABM1/ABM2 = 36.37 dB

ABM1 comp = -7.54 dBA/m

BWC Factor = 0.04 dB

Location: 0, 7.5, 3.7 mm



0 dB = 65.85 = 36.37 dB

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2023.01.12

## HAC\_T-Coil\_OTT VoIP\_WCDMA Band II\_HSPA\_Ch9400\_Z

Communication System: UID 10011 - CAB, UMTS-FDD (WCDMA); Frequency: 1880 MHz; Duty Cycle: 1:1.95434

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

Ambient Temperature : 23.2 °C

DASY5 Configuration:

- Probe: AM1DV2 - 1048; ; Calibrated: 2022.02.22
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1643; Calibrated: 2022.12.30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch9400/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x15x1):** Measurement grid:

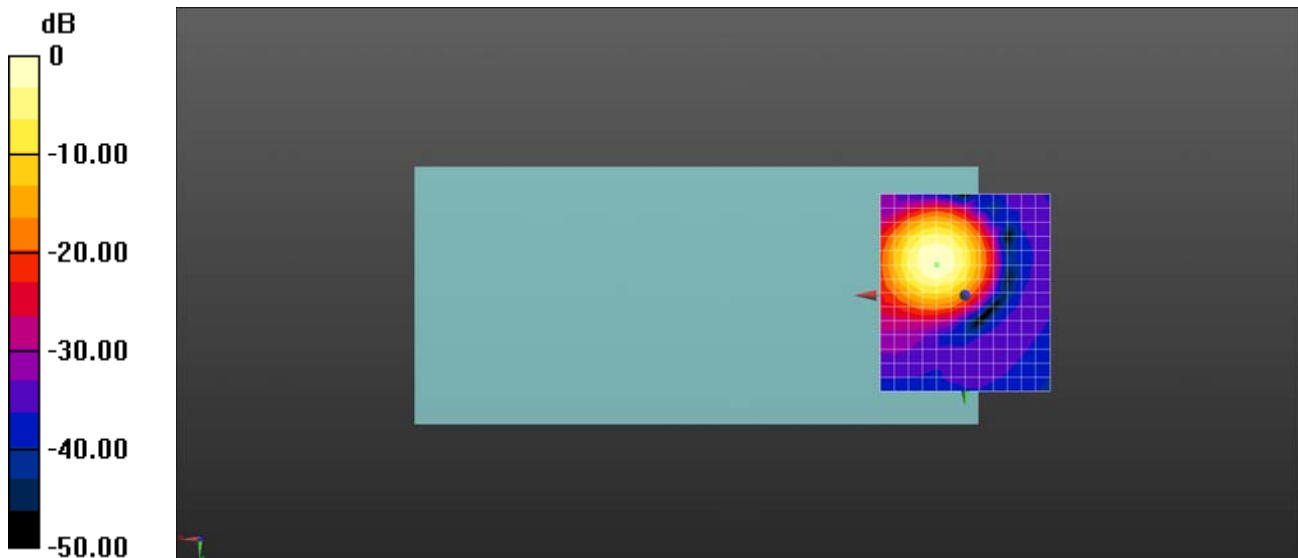
dx=10mm, dy=10mm

ABM1/ABM2 = 43.53 dB

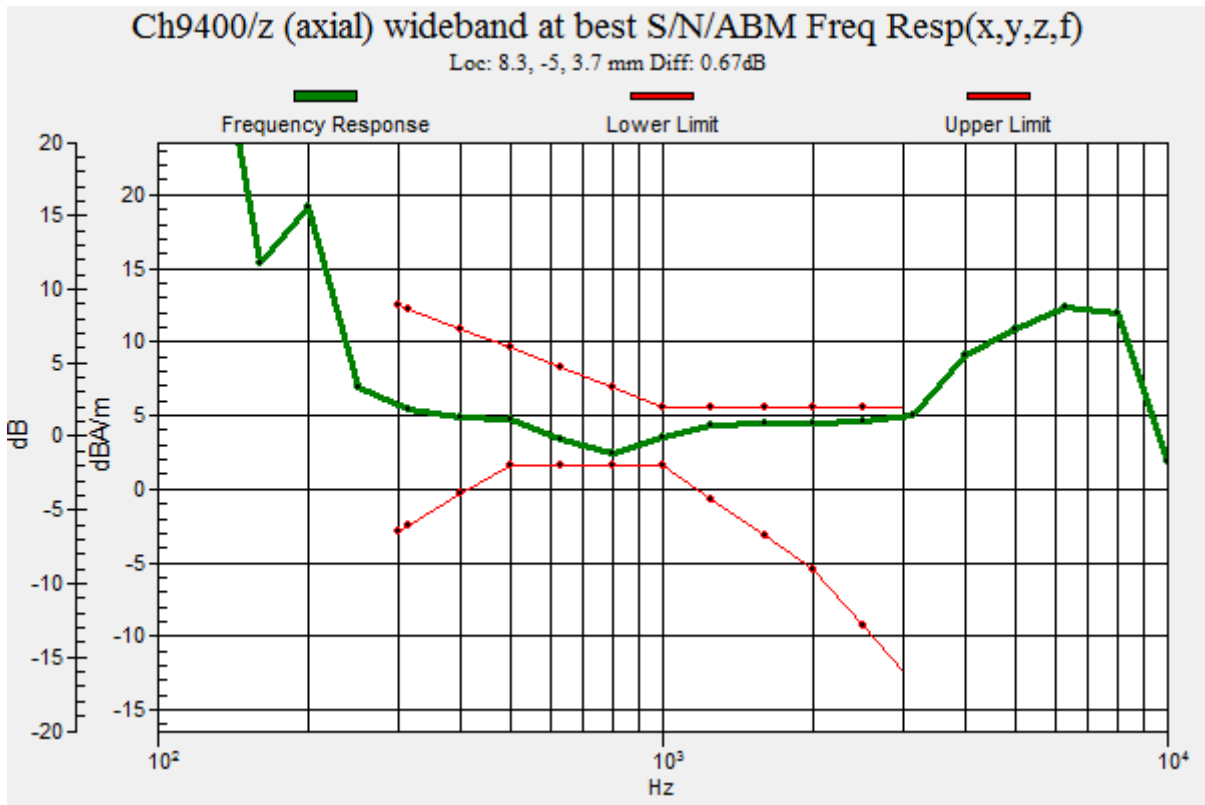
ABM1 comp = -5.76 dBA/m

BWC Factor = 0.04 dB

Location: 8.3, -9.2, 3.7 mm



0 dB = 150.1 = 43.53 dB



Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2023.01.12

## HAC\_T-Coil\_OTT VoIP\_WCDMA Band II\_HSPA\_Ch9400\_Y

Communication System: UID 10011 - CAB, UMTS-FDD (WCDMA); Frequency: 1880 MHz; Duty Cycle: 1:1.95434

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

Ambient Temperature : 23.2 °C

DASY5 Configuration:

- Probe: AM1DV2 - 1048; ; Calibrated: 2022.02.22
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1643; Calibrated: 2022.12.30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch9400/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x15x1):** Measurement grid:

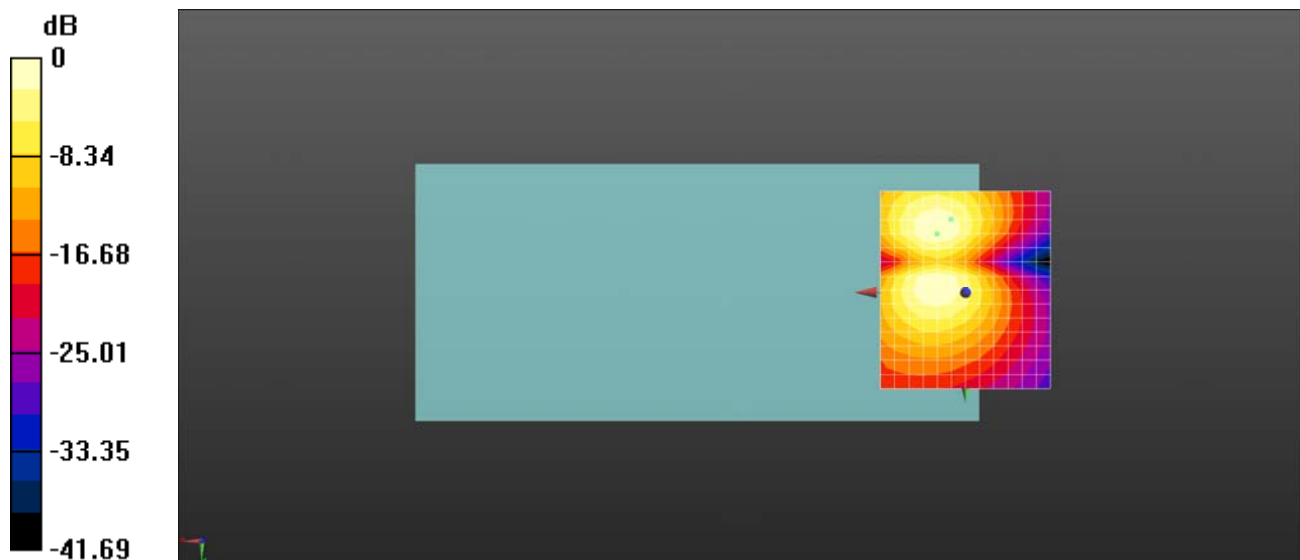
dx=10mm, dy=10mm

ABM1/ABM2 = 33.24 dB

ABM1 comp = -15.74 dBA/m

BWC Factor = 0.04 dB

Location: 4.2, -21.7, 3.7 mm



0 dB = 45.90 = 33.24 dB



Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2023.01.12

## HAC\_T-Coil\_OTT VoIP\_WCDMA Band V\_HSPA\_Ch4182\_Z

Communication System: UID 10011 - CAB, UMTS-FDD (WCDMA); Frequency: 836.4 MHz; Duty Cycle: 1:1.95434

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

Ambient Temperature : 23.2 °C

DASY5 Configuration:

- Probe: AM1DV2 - 1048; ; Calibrated: 2022.02.22
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1643; Calibrated: 2022.12.30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch4182/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x15x1):** Measurement grid:

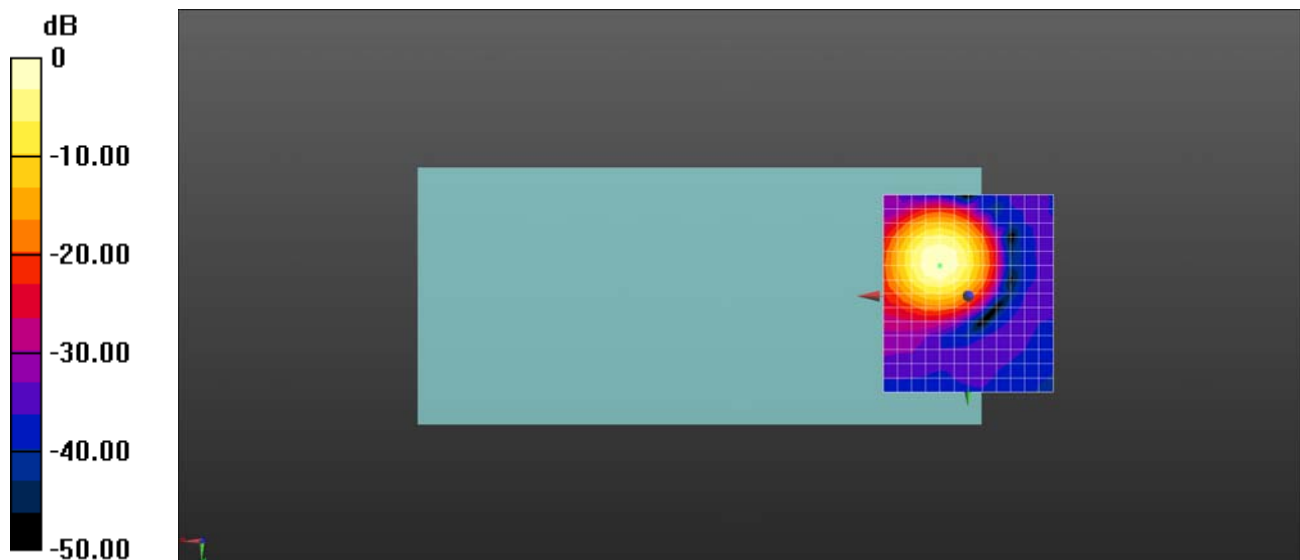
dx=10mm, dy=10mm

ABM1/ABM2 = 43.32 dB

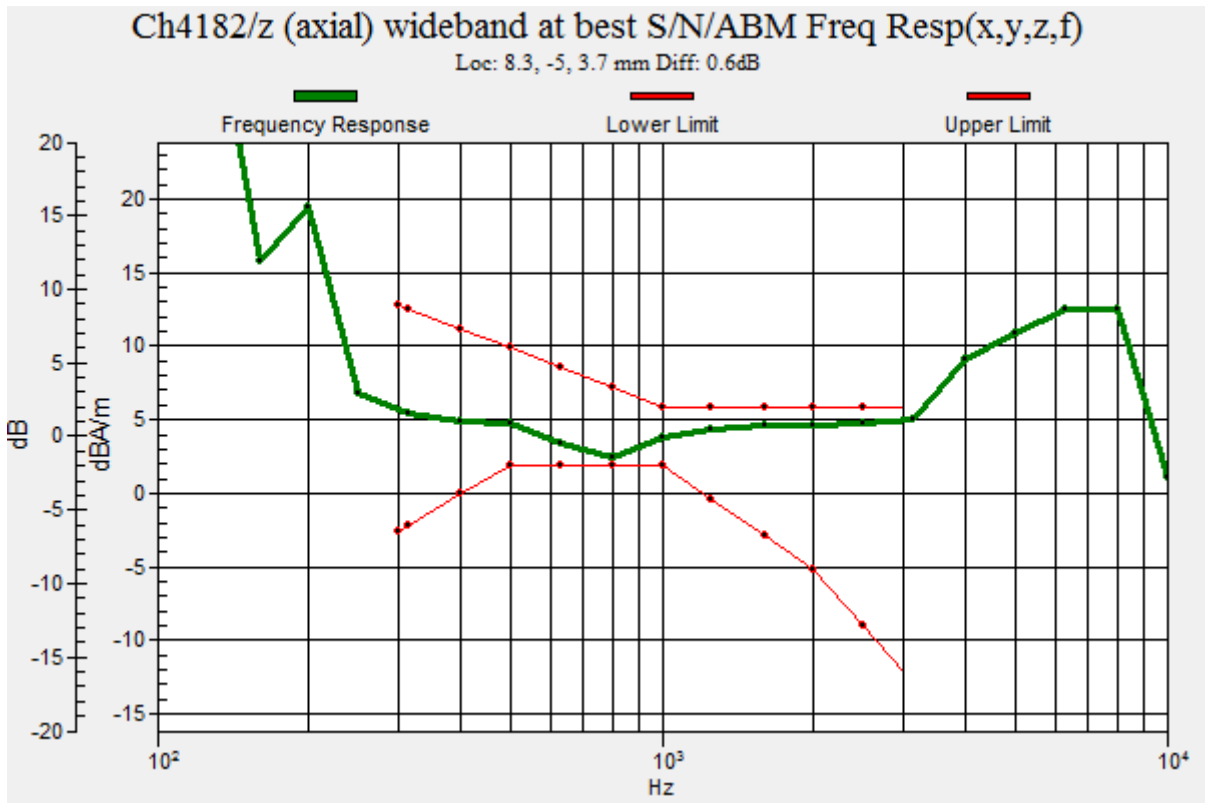
ABM1 comp = -5.72 dBA/m

BWC Factor = 0.05 dB

Location: 8.3, -9.2, 3.7 mm



0 dB = 146.6 = 43.32 dB



Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2023.01.12

## HAC\_T-Coil\_OTT VoIP\_WCDMA Band V\_HSPA\_Ch4182\_Y

Communication System: UID 10011 - CAB, UMTS-FDD (WCDMA); Frequency: 836.4 MHz; Duty Cycle: 1:1.95434

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

Ambient Temperature : 23.2 °C

DASY5 Configuration:

- Probe: AM1DV2 - 1048; ; Calibrated: 2022.02.22
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1643; Calibrated: 2022.12.30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch4182/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x15x1):** Measurement grid:

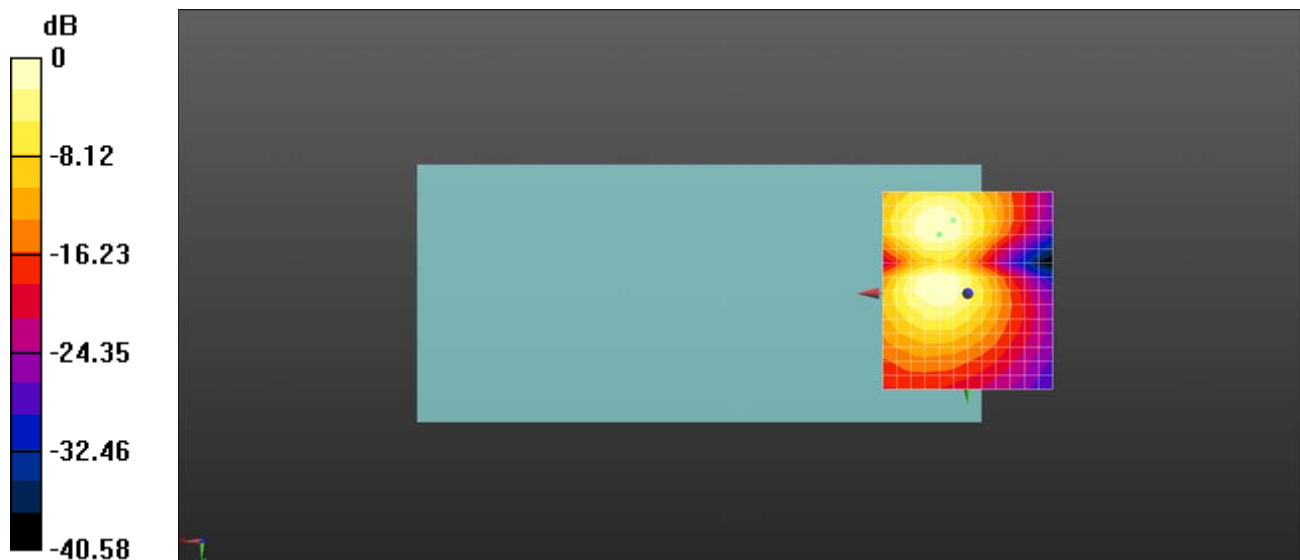
dx=10mm, dy=10mm

ABM1/ABM2 = 33.13 dB

ABM1 comp = -15.52 dBA/m

BWC Factor = 0.05 dB

Location: 4.2, -21.7, 3.7 mm



0 dB = 45.35 = 33.13 dB

**HAC\_T-Coil\_VoIP\_LTE Band 4\_20MHz\_QPSK\_1RB\_0offset\_12.2Kbps\_Ch20175\_Z**

Communication System: UID 10169 - CAB, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK);  
Frequency: 1732.5 MHz; Duty Cycle: 1:3.74111

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

Ambient Temperature : 23.2 °C

**DASY5 Configuration:**

- Probe: AM1DV2 - 1048; ; Calibrated: 2022.02.22
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1643; Calibrated: 2022.12.30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch20175/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x15x1):** Measurement grid:

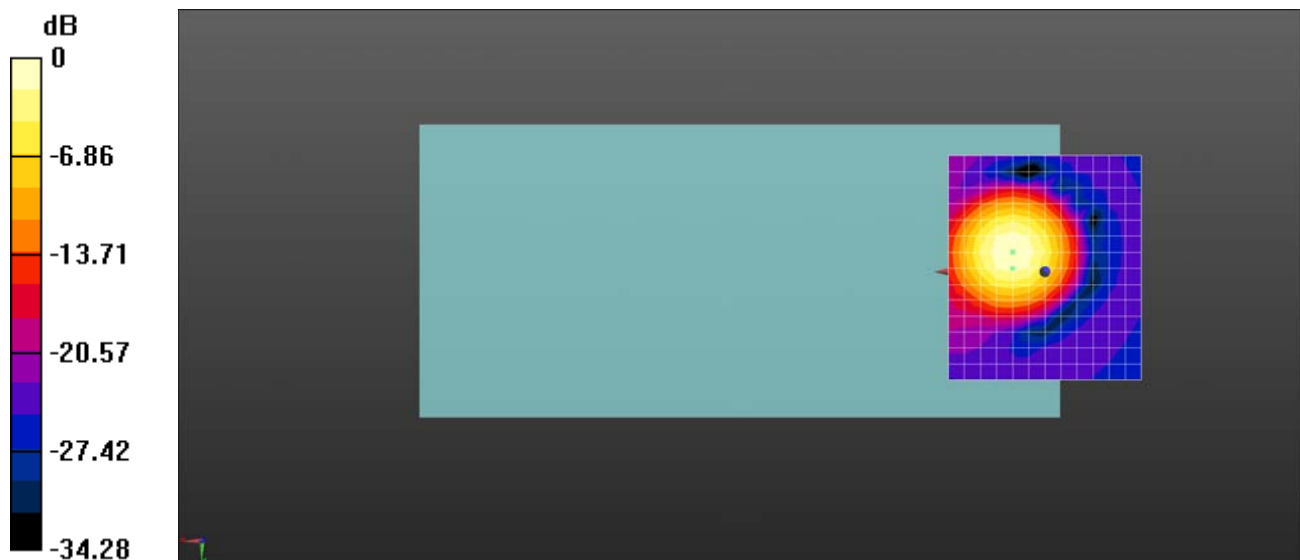
dx=10mm, dy=10mm

ABM1/ABM2 = 33.77 dB

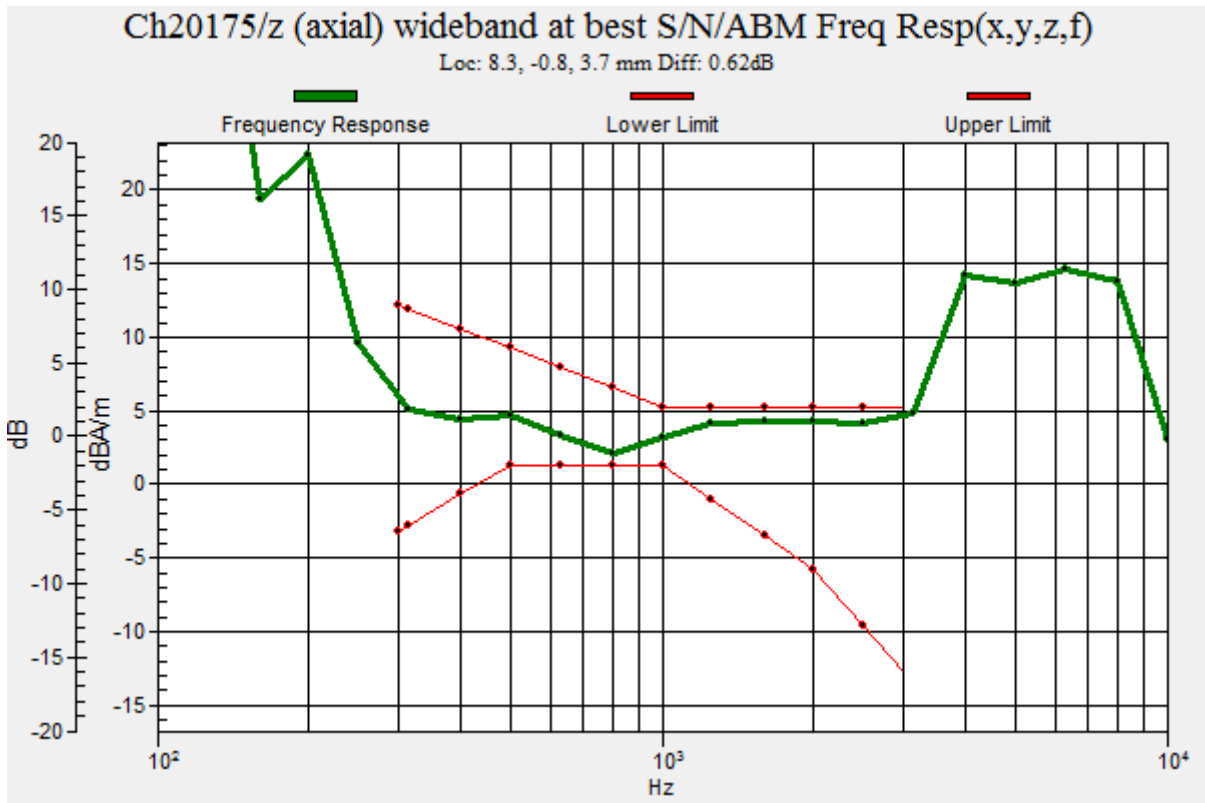
ABM1 comp = 5.01 dBA/m

BWC Factor = 0.04 dB

Location: 8.3, -0.8, 3.7 mm



0 dB = 48.82 = 33.77 dB



**HAC\_T-Coil\_VoIP\_LTE Band 4\_20MHz\_QPSK\_1RB\_0offset\_12.2Kbps\_Ch20175\_Y**

Communication System: UID 10169 - CAB, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK);

Frequency: 1732.5 MHz; Duty Cycle: 1:3.74111

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

Ambient Temperature : 23.2 °C

DASY5 Configuration:

- Probe: AM1DV2 - 1048; ; Calibrated: 2022.02.22

- Sensor-Surface: 0mm (Fix Surface)

- Electronics: DAE4 Sn1643; Calibrated: 2022.12.30

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

- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch20175/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x15x1):** Measurement grid:

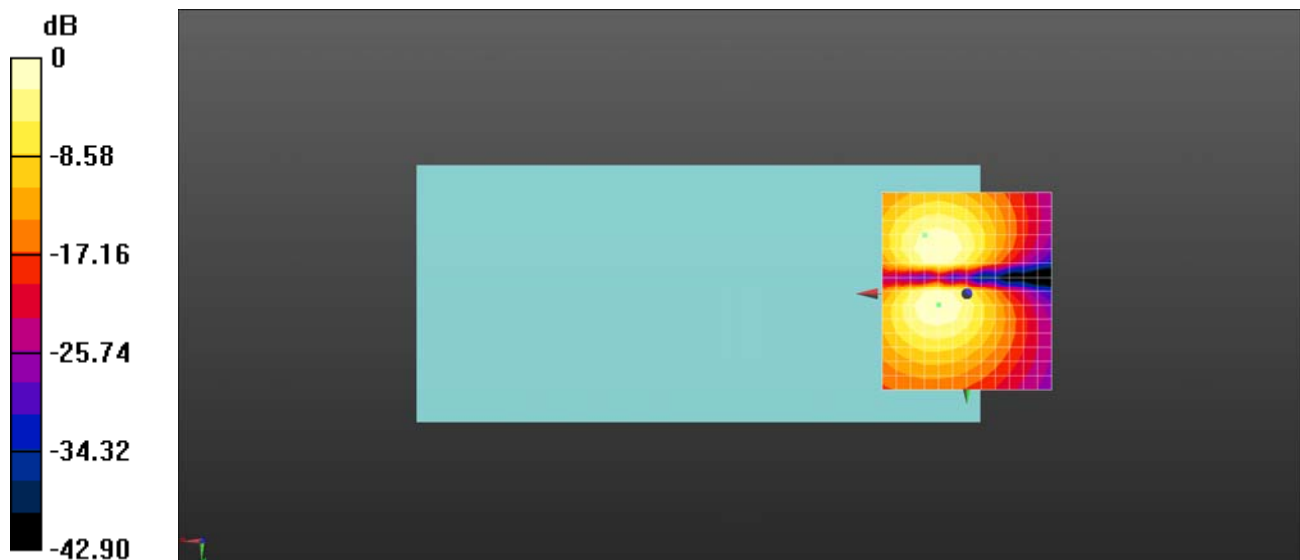
dx=10mm, dy=10mm

ABM1/ABM2 = 33.53 dB

ABM1 comp = -3.48 dBA/m

BWC Factor = 0.04 dB

Location: 12.5, -17.5, 3.7 mm



0 dB = 47.46 = 33.53 dB

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2023.01.12

**HAC\_T-Coil\_VoIP\_LTE Band 17\_10MHz\_QPSK\_1RB\_0offset\_12.2Kbps\_Ch23790\_Z**

Communication System: UID 10175 - CAB, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK);  
Frequency: 710 MHz; Duty Cycle: 1:3.7325

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

Ambient Temperature : 23.2 °C

DASY5 Configuration:

- Probe: AM1DV2 - 1048; ; Calibrated: 2022.02.22
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1643; Calibrated: 2022.12.30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch23790/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x15x1):** Measurement grid:

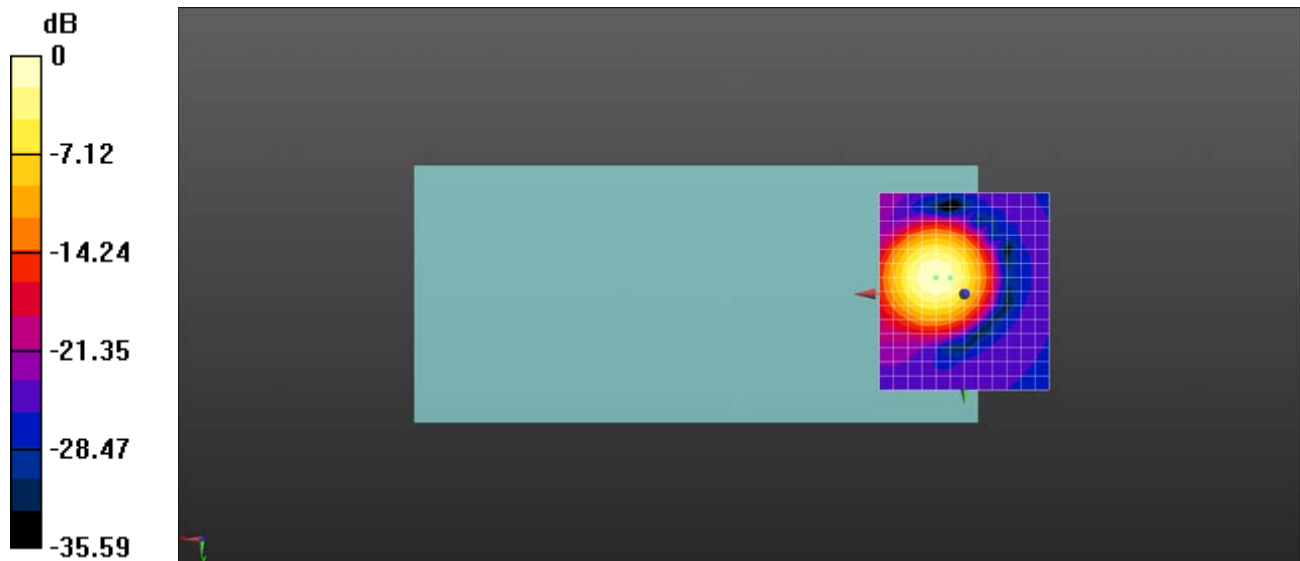
dx=10mm, dy=10mm

ABM1/ABM2 = 33.50 dB

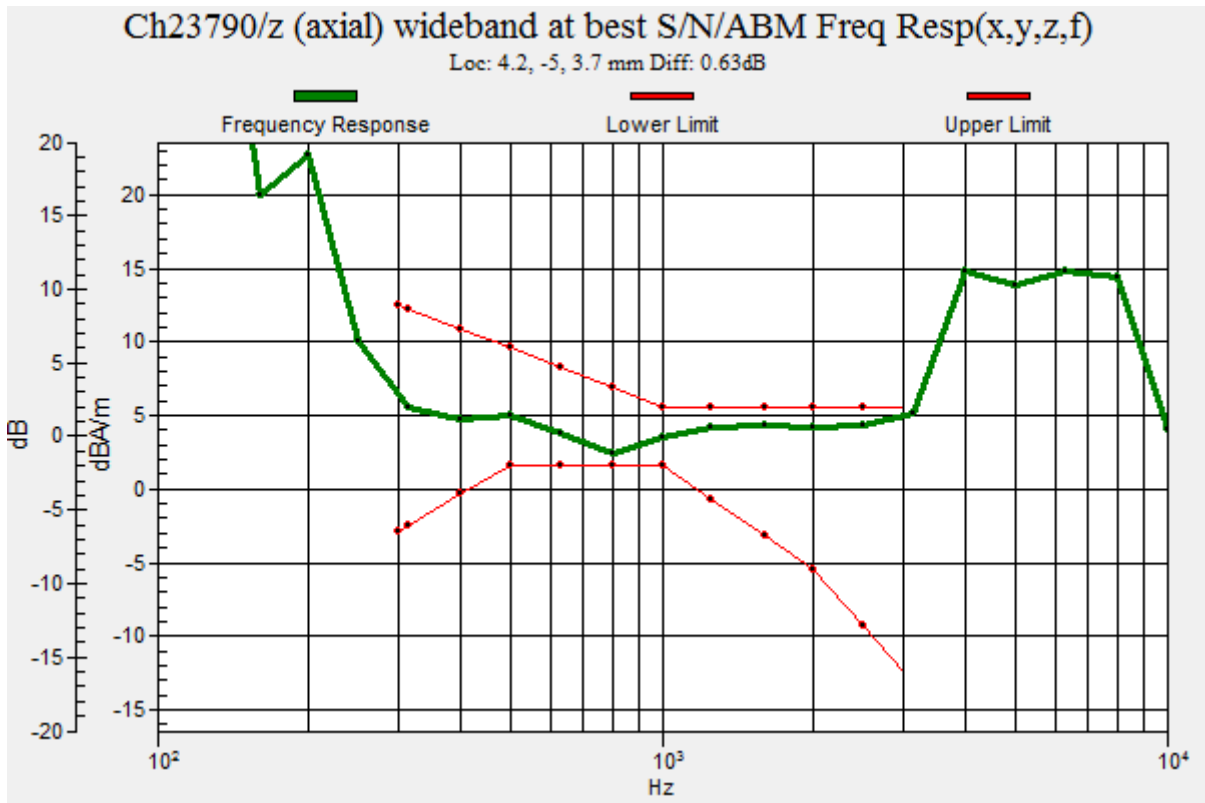
ABM1 comp = 5.13 dBA/m

BWC Factor = 0.05 dB

Location: 4.2, -5, 3.7 mm



0 dB = 47.31 = 33.50 dB





Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2023.01.12

**HAC\_T-Coil\_VoIP\_LTE Band 17\_10MHz\_QPSK\_1RB\_0offset\_12.2Kbps\_Ch23790\_Y**

Communication System: UID 10175 - CAB, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK);  
Frequency: 710 MHz; Duty Cycle: 1:3.7325

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

Ambient Temperature : 23.2 °C

DASY5 Configuration:

- Probe: AM1DV2 - 1048; ; Calibrated: 2022.02.22
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1643; Calibrated: 2022.12.30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch23790/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x15x1):** Measurement grid:

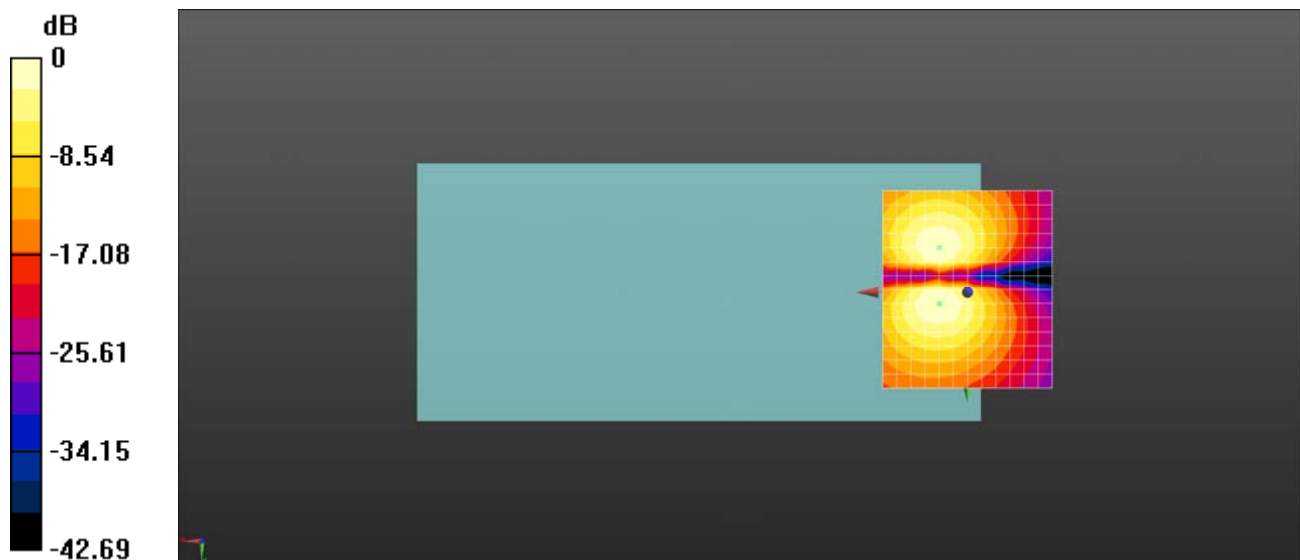
dx=10mm, dy=10mm

ABM1/ABM2 = 33.57 dB

ABM1 comp = -1.18 dBA/m

BWC Factor = 0.05 dB

Location: 8.3, -13.3, 3.7 mm



0 dB = 47.72 = 33.57 dB

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2023.01.12

**HAC\_T-Coil\_VoIP\_LTE Band 40B\_10MHz\_QPSK\_1RB\_0offset\_12.2Kbps\_Ch39200\_Z**

Communication System: UID 10237 - CAB, LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK);  
Frequency: 2355 MHz; Duty Cycle: 1:8.33681

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

Ambient Temperature : 23.2 °C

DASY5 Configuration:

- Probe: AM1DV2 - 1048; ; Calibrated: 2022.02.22
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1643; Calibrated: 2022.12.30.
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch39200/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x15x1):** Measurement grid:

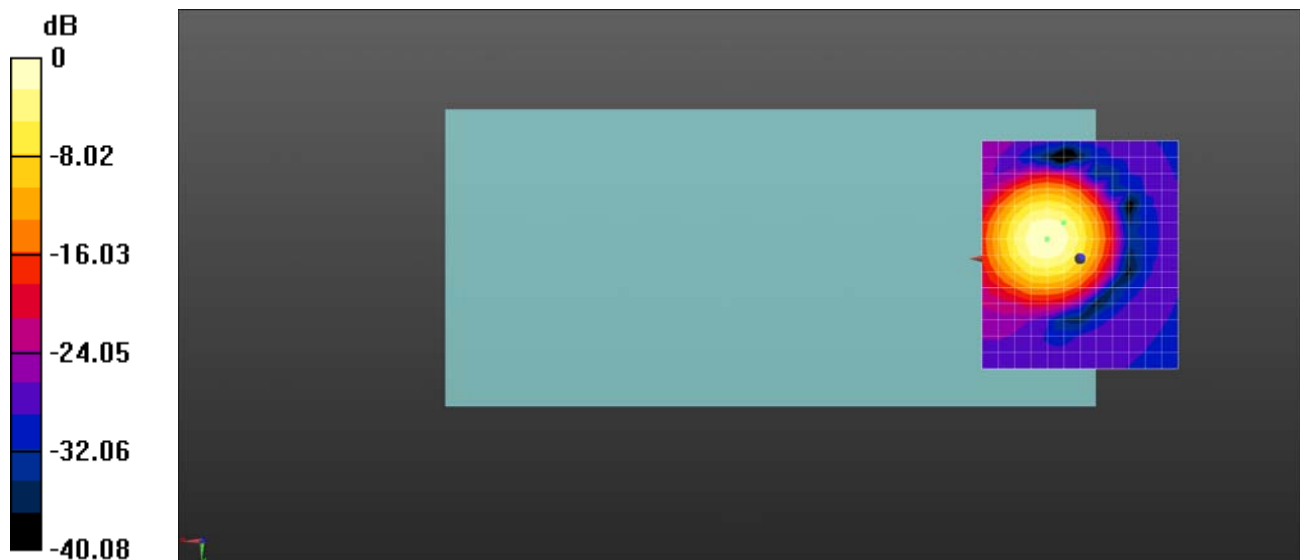
dx=10mm, dy=10mm

ABM1/ABM2 = 32.74 dB

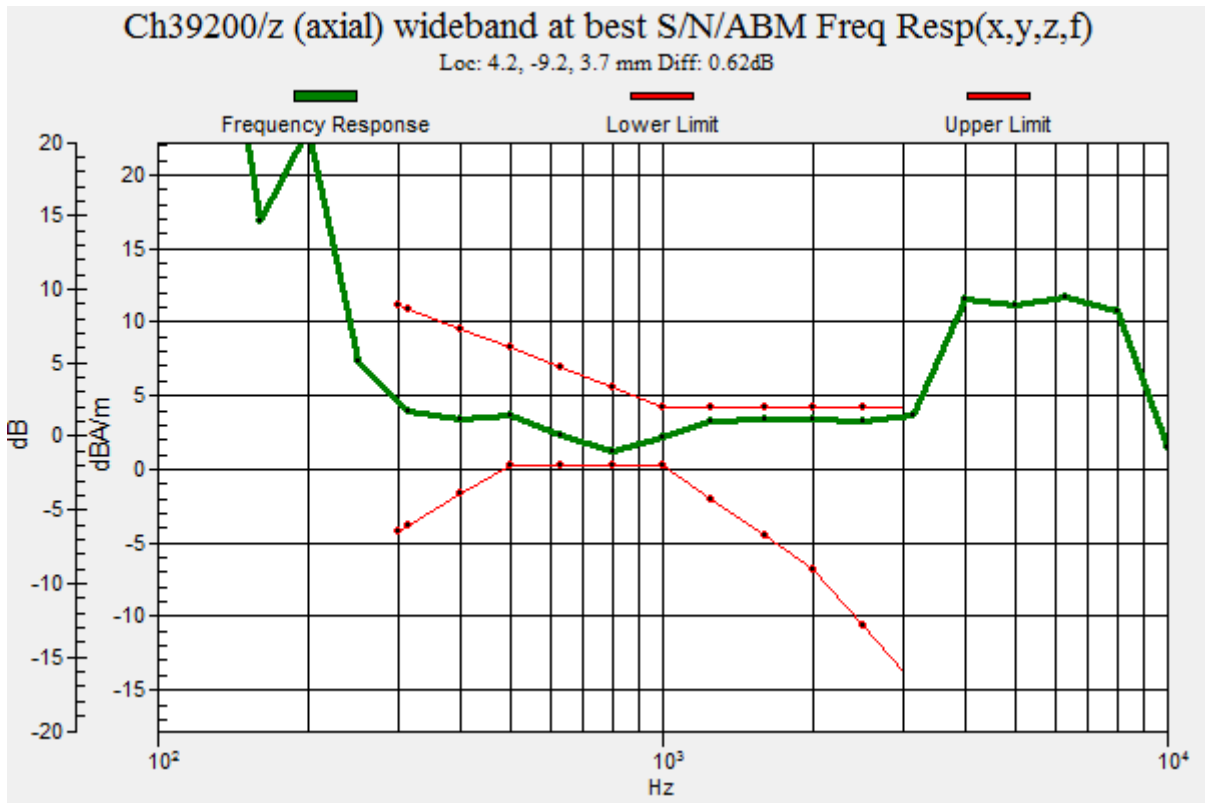
ABM1 comp = 3.34 dBA/m

BWC Factor = 0.04 dB

Location: 4.2, -9.2, 3.7 mm



0 dB = 43.34 = 32.74 dB



Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2023.01.12

**HAC\_T-Coil\_VoIP\_LTE Band 40B\_10MHz\_QPSK\_1RB\_0offset\_12.2Kbps\_Ch39200\_Y**

Communication System: UID 10237 - CAB, LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK);  
Frequency: 2355 MHz; Duty Cycle: 1:8.33681

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

Ambient Temperature : 23.2 °C

DASY5 Configuration:

- Probe: AM1DV2 - 1048; ; Calibrated: 2022.02.22
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1643; Calibrated: 2022.12.30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch39200/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x15x1):** Measurement grid:

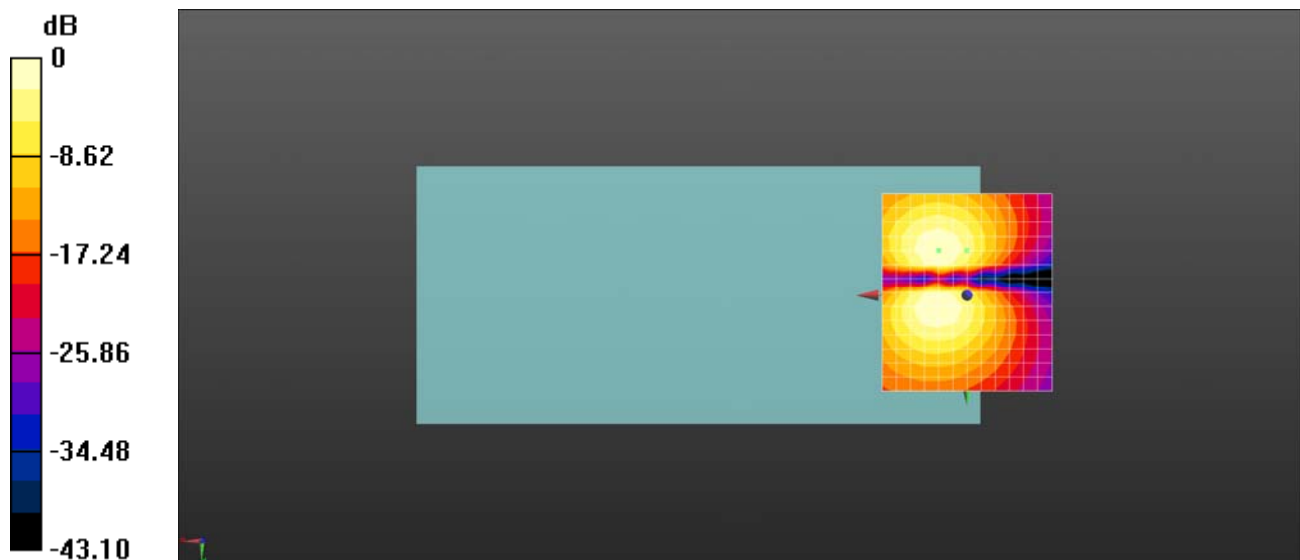
dx=10mm, dy=10mm

ABM1/ABM2 = 31.28 dB

ABM1 comp = -5.39 dBA/m

BWC Factor = 0.04 dB

Location: 0, -13.3, 3.7 mm



0 dB = 36.65 = 31.28 dB

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2023.01.12

**HAC\_T-Coil\_VoIP\_VoWiFi 5.3GHz\_802.11a 6Mbps\_AMR 4.75Kbps\_Ch60\_Z**

Communication System: UID 10317 - AAA, IEEE 802.11a WiFi 5 GHz (OFDM, 6 Mbps, 96pc duty cycle); Frequency: 5300 MHz; Duty Cycle: 1:6.85488

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

Ambient Temperature : 23.2 °C

**DASY5 Configuration:**

- Probe: AM1DV2 - 1048; ; Calibrated: 2022.02.22
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1643; Calibrated: 2022.12.30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

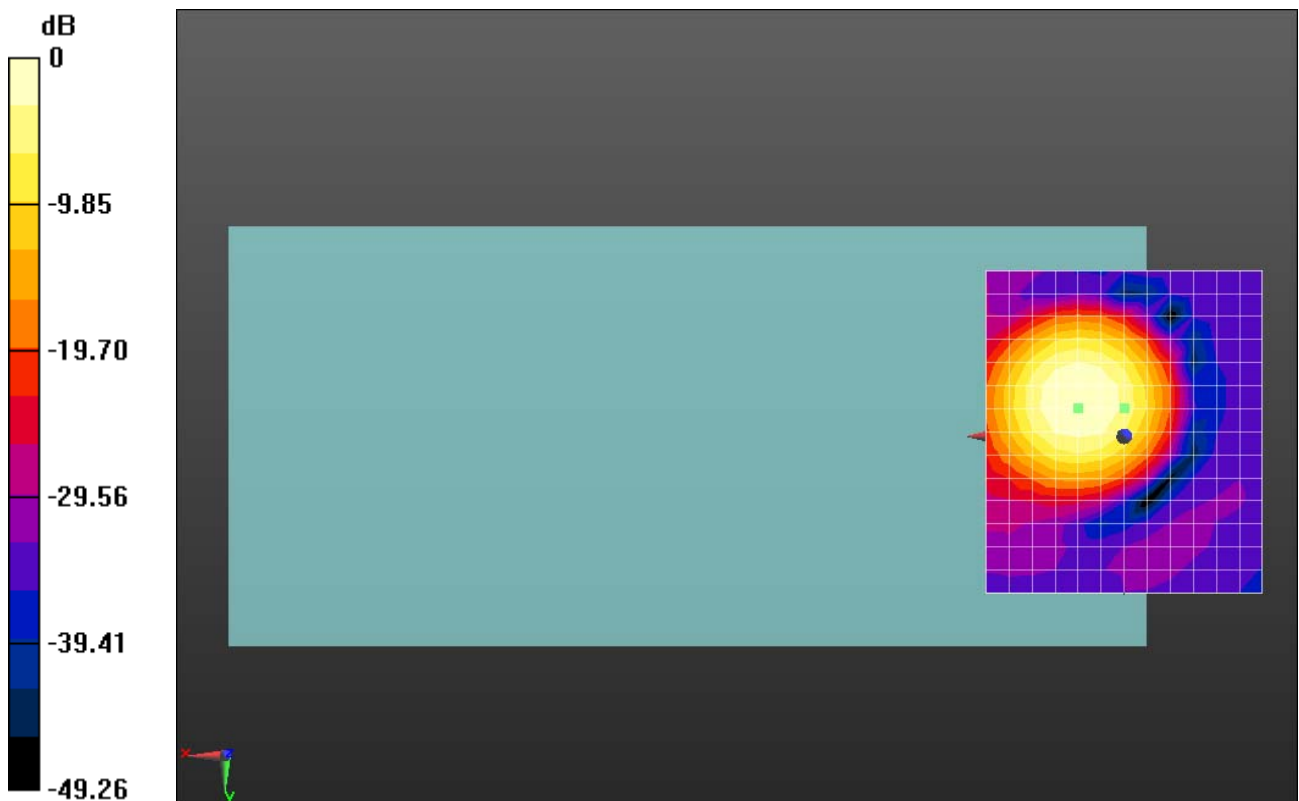
**Ch60/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x15x1):** Measurement grid: dx=10mm, dy=10mm

ABM1/ABM2 = 58.94 dB

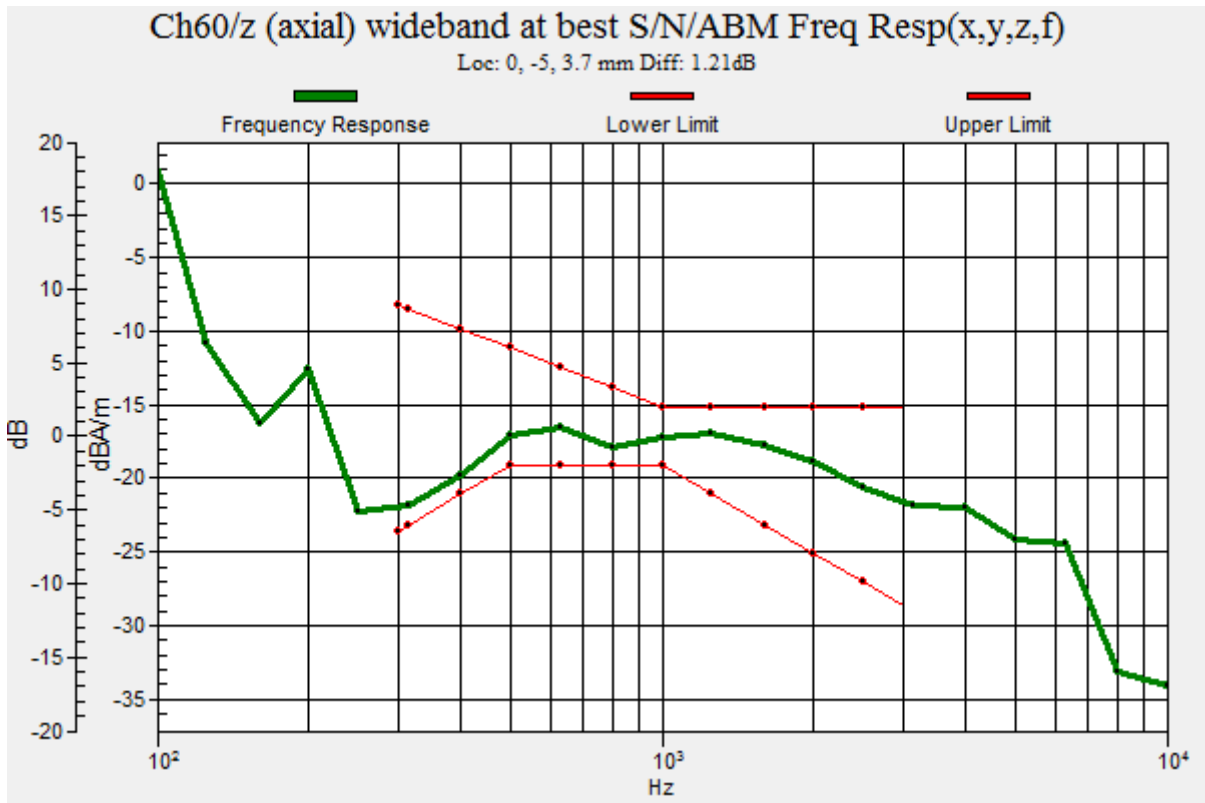
ABM1 comp = 9.31 dBA/m

BWC Factor = 0.05 dB

Location: 0, -5, 3.7 mm



0 dB = 885.2 = 58.94 dB



Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2023.01.12

**HAC\_T-Coil\_VoIP\_VoWiFi 5.3GHz\_802.11a 6Mbps\_AMR 4.75Kbps\_Ch60\_Y**

Communication System: UID 10317 - AAA, IEEE 802.11a WiFi 5 GHz (OFDM, 6 Mbps, 96pc duty cycle); Frequency: 5300 MHz; Duty Cycle: 1:6.85488

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

Ambient Temperature : 23.2 °C

**DASY5 Configuration:**

- Probe: AM1DV2 - 1048; ; Calibrated: 2022.02.22
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1643; Calibrated: 2022.12.30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch60/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x15x1):** Measurement grid:

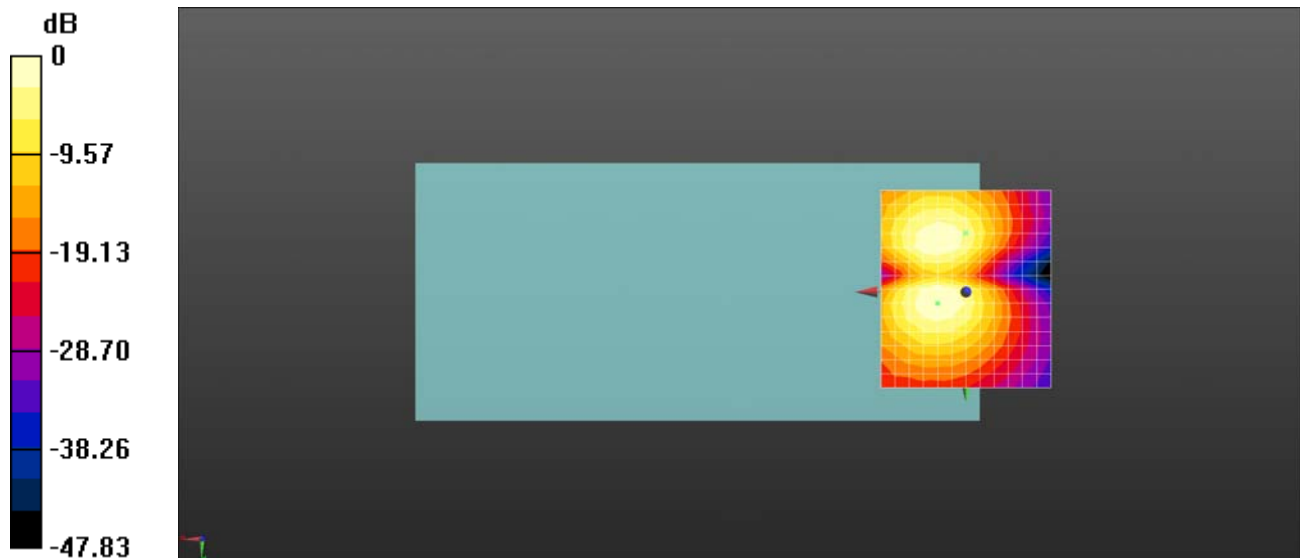
dx=10mm, dy=10mm

ABM1/ABM2 = 56.76 dB

ABM1 comp = 4.74 dBA/m

BWC Factor = 0.05 dB

Location: 0, -17.5, 3.7 mm



0 dB = 688.5 = 56.76 dB