



REPORT No.: SZ23080103S03

## Annex C Plots of T-Coil Test Results

**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: AM1DV2 - 1048; ; Calibrated: 2022.02.22

- Sensor-Surface: 0mm (Fix Surface)

- Electronics: DAE4 Sn1643; Calibrated: 2021.12.30

- 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

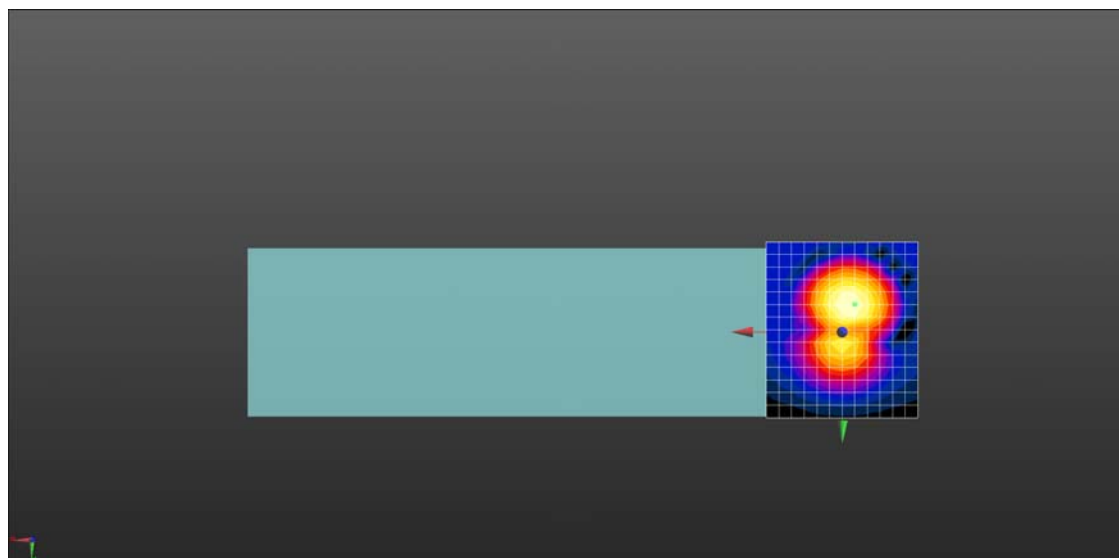
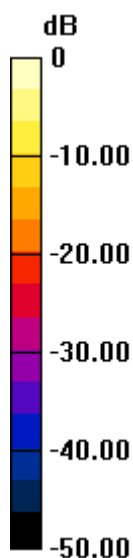
**Cursor:**

ABM1/ABM2 = 52.60 dB

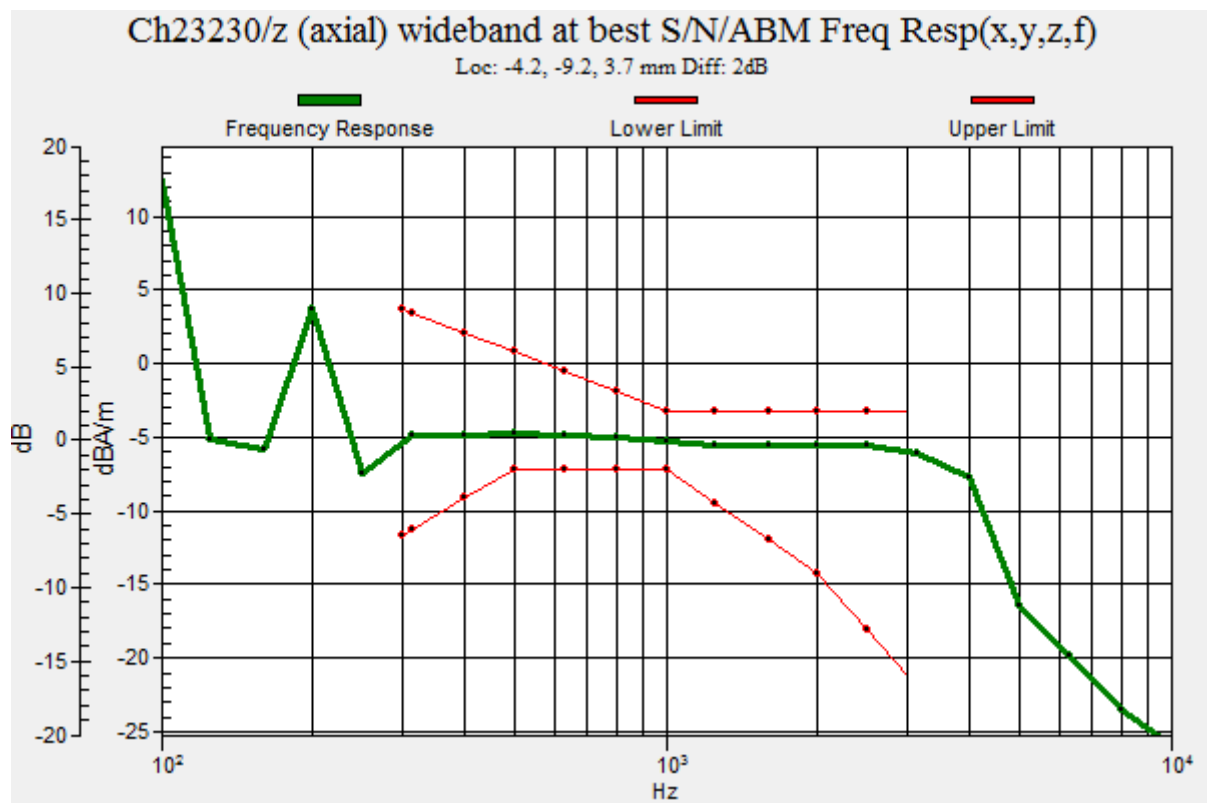
ABM1 comp = -3.61 dBA/m

BWC Factor = 0.01 dB

Location: -4.2, -9.2, 3.7 mm



0 dB = 426.4



## 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: AM1DV2 - 1048; ; Calibrated: 2022.02.22

- Sensor-Surface: 0mm (Fix Surface)

- Electronics: DAE4 Sn1643; Calibrated: 2021.12.30

- 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 = 43.94 dB

ABM1 comp = -7.52 dBA/m

BWC Factor = 0.01 dB

Location: 0, -5, 3.7 mm

