



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/m³

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

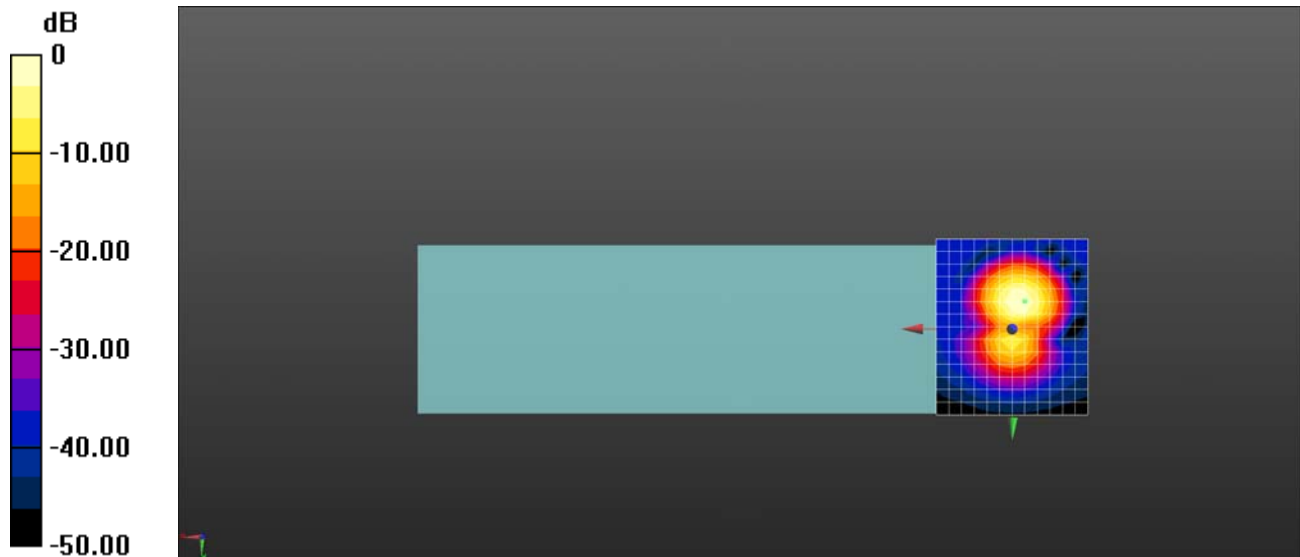
Cursor:

ABM1/ABM2 = 52.60 dB

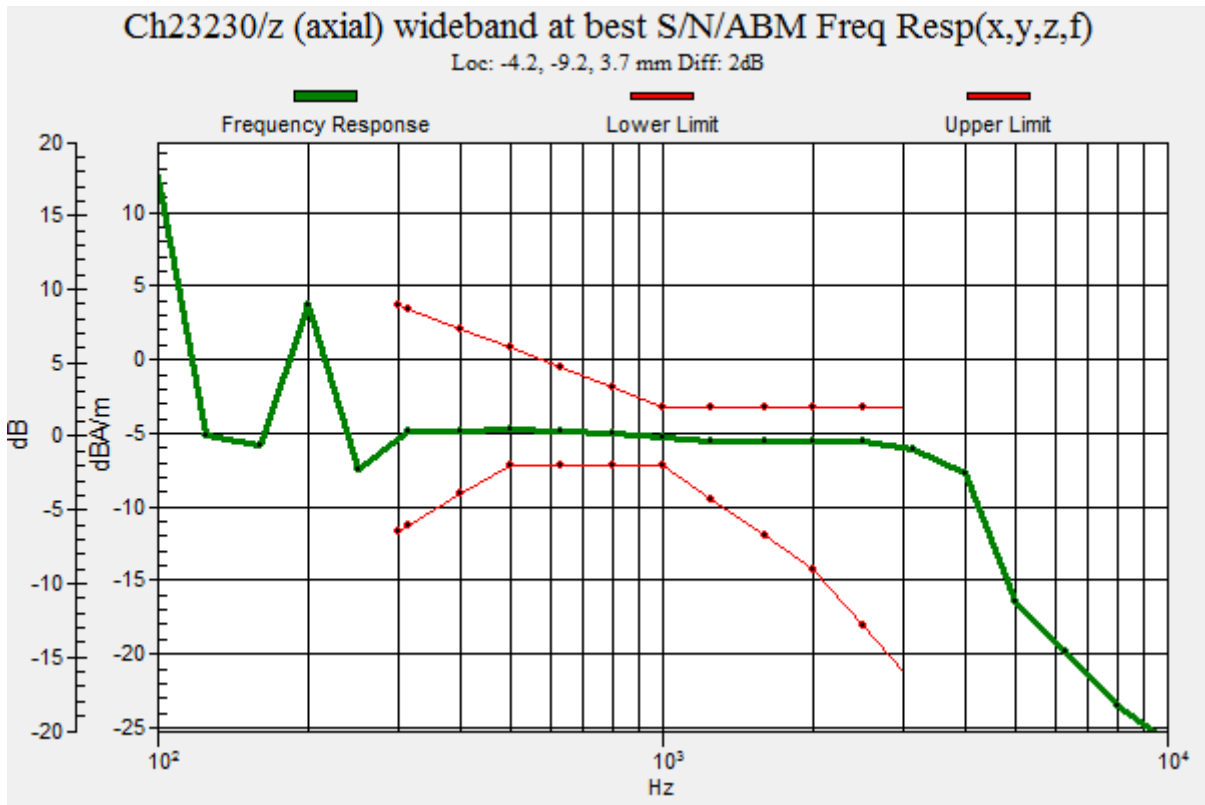
ABM1 comp = -3.61 dBA/m

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/m³

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:

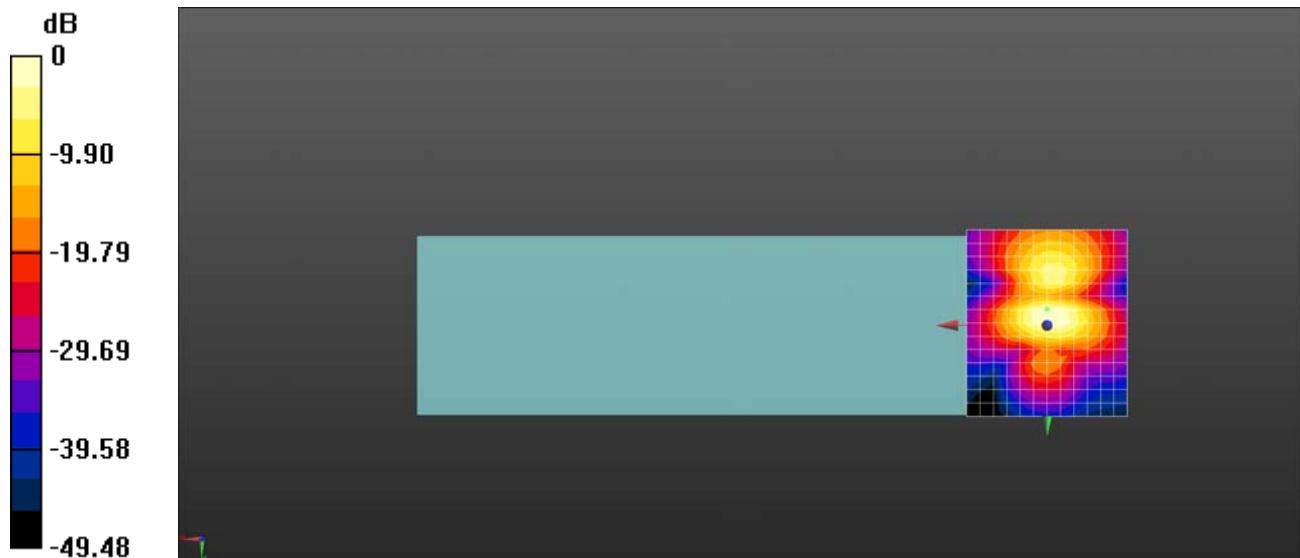
dx=10mm, dy=10mm

ABM1/ABM2 = 43.94 dB

ABM1 comp = -7.52 dBA/m

BWC Factor = 0.01 dB

Location: 0, -5, 3.7 mm



0 dB = 157.5