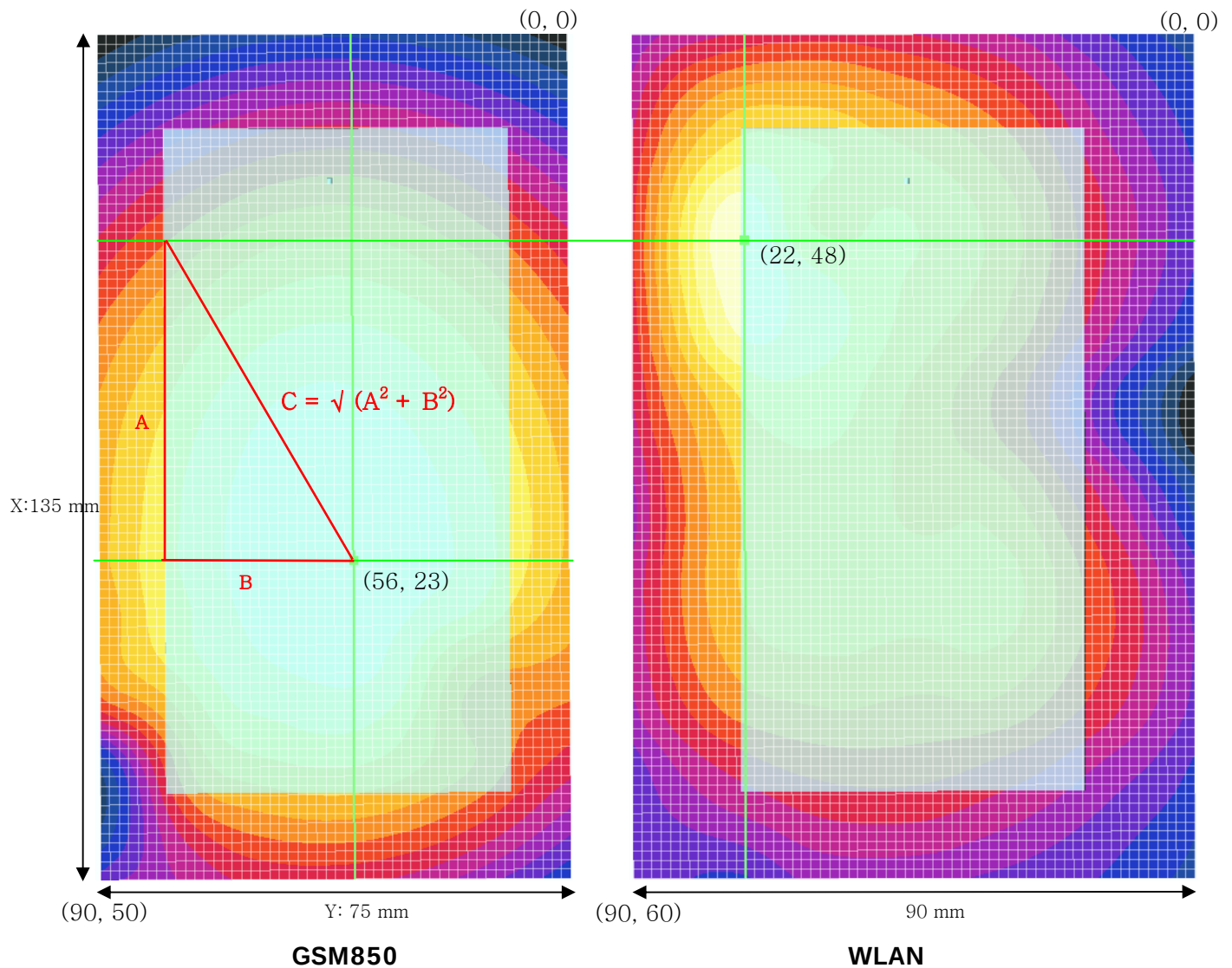


<Simultaneous SAR Consideration>



We can find the grid line and coordinate using the SEMCAD.

1 grid resolution = 1.5 mm

The coordinate system was 90 degree upright because we rotated the EUT.

A = from 22 grid to 56 grid = 34 grid * 1.5 mm = 51 mm

B = from WLAN left side 0 grid to GSM850 peak location grid = 20 grid * 1.5 mm = 30 mm

$C = \sqrt{30^2 + 51^2} = \sqrt{3501} = 59.169 \approx 59.2 \text{ mm} = 5.92 \text{ cm}$

➔ Distance between GSM850 Peak SAR location and WLAN peak SAR location is **5.92 cm**.

The GSM-to-WLAN ratio is $(1.26 + 0.441) / 5.92 = 0.287 < 0.3$.

Therefore a simultaneous SAR evaluation is not required.