I was looking at crystal 5 in row 1 copy 1 of module 2 which should be a type 1 crystal.
These are the coordinates obtained by doing an inspect node on the root geometry created by the simulation:

## Front face:

point \#0 : $x=-1.64783 y=-1.25634 z=-9.99926$
point \#1 : $x=-1.64783 y=0.88266 z=-9.99926$
point \#2 : $x=0.49055 y=0.88266 z=-9.99926$
point \#3 : $x=0.49055 y=-1.25634 z=-9.99926$
Rear face:
point \#4 : $x=-0.88418 y=-1.25633 z=9.99926$
point \#5: $x=-0.88418 y=1.63001 z=9.99926$
point \#6: $x=2.04146 y=1.63001 z=9.99926$
point \#7: $x=2.04146 y=-1.25633 z=9.99926$

This gives a frontface of 21.4 by 21.4 mm which is about 1 mm smaller than it is in the TDR. Also it should not be quadratic, (not even rectangular) according to the TDR.

The backface has a size 29.2 mm by 28.9 mm which more or less agrees with the TDR but it should also not be rectangular.

From the TDR I expected that 2 of the sides have a right angle with the front- and backface, also the TDR is not very clear about this. This is not true with the coordinates given above, there only 1 side has right angles with the frontface.

I have attached a view of the crystal from the simulation.

Regards
Christian
File Attachments

1) m1rlc5.gif, downloaded 441 times
