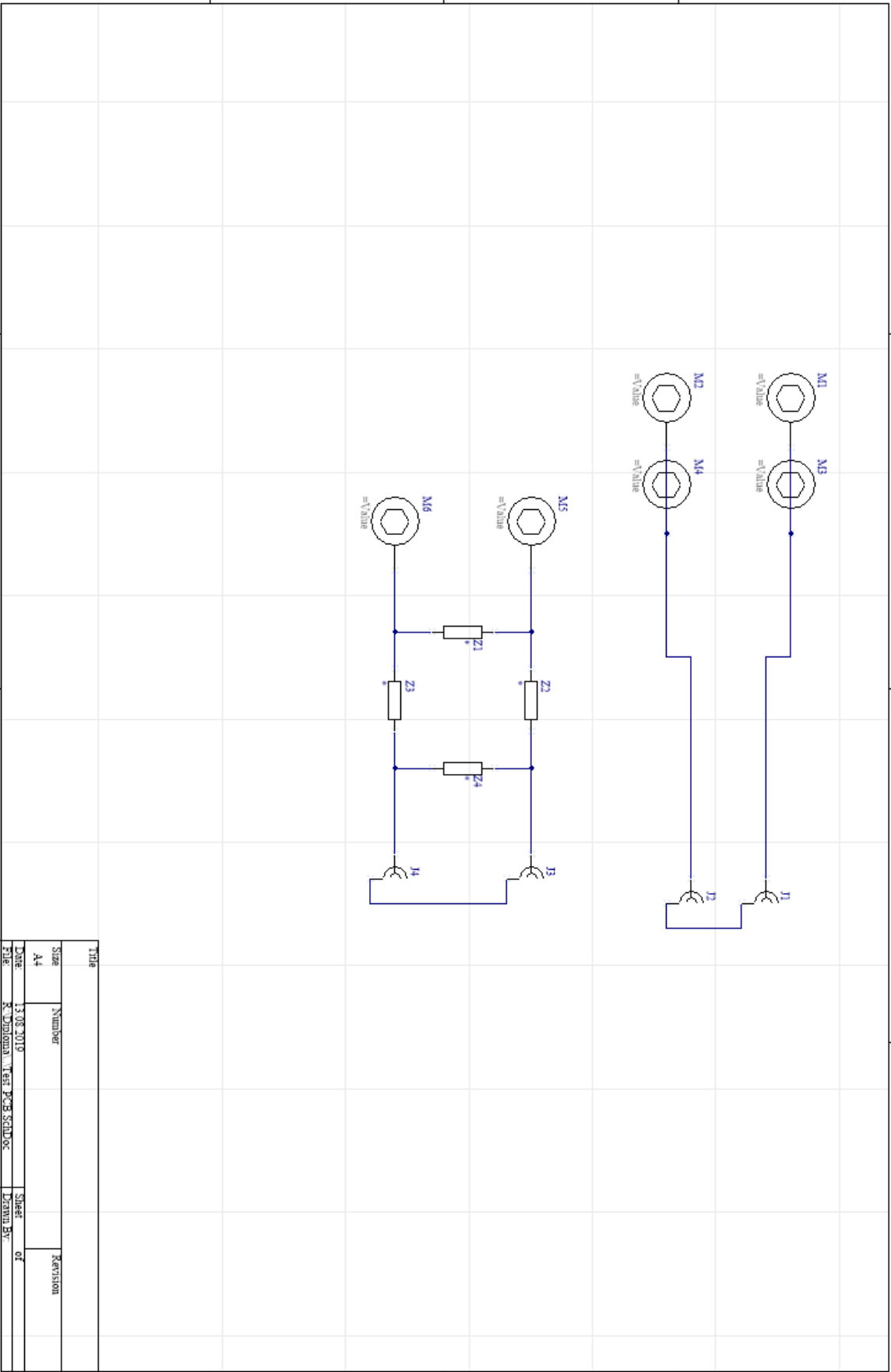
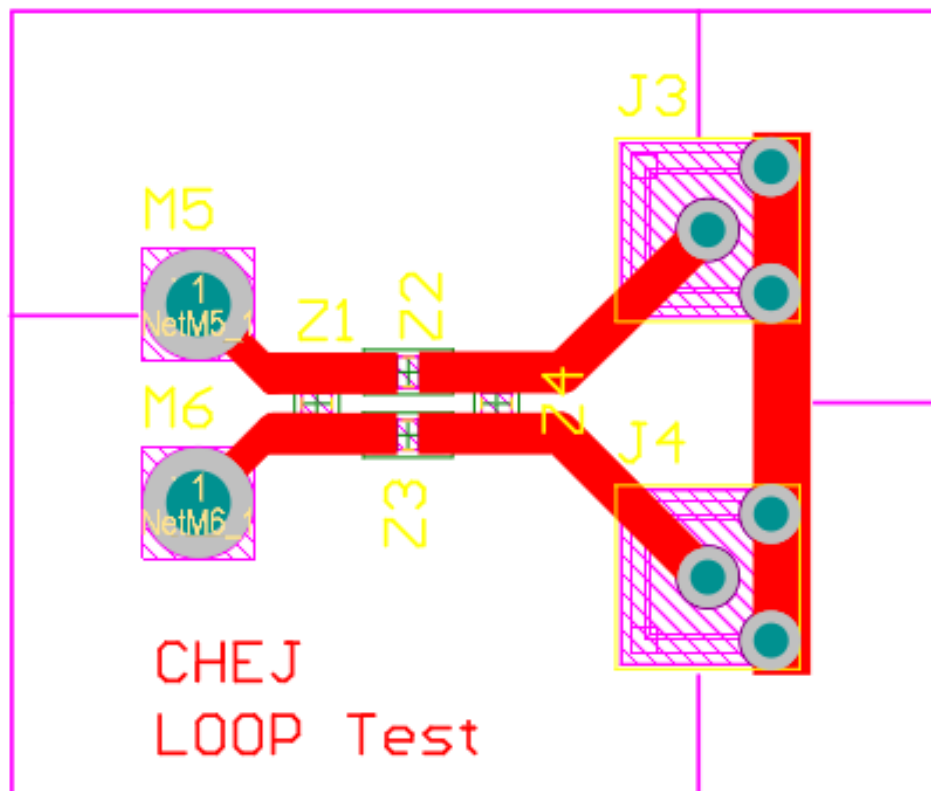
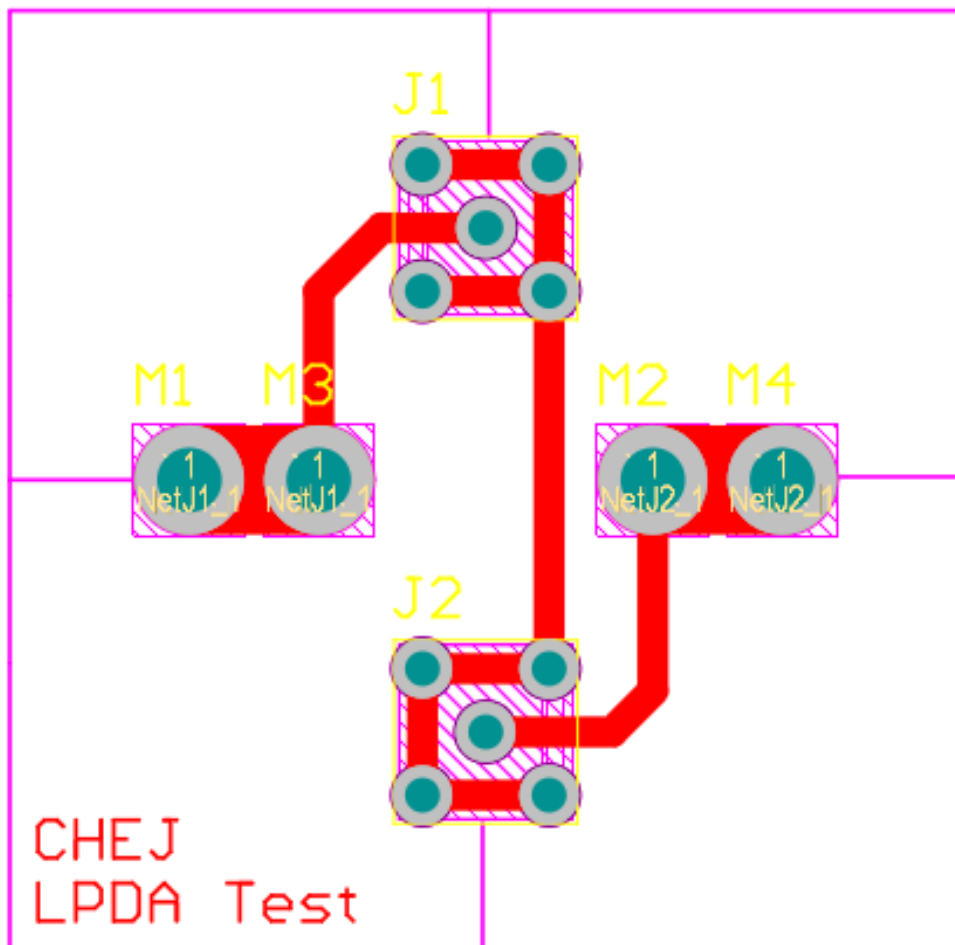


Schématique



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**Top Layer**

**Bottom Layer**

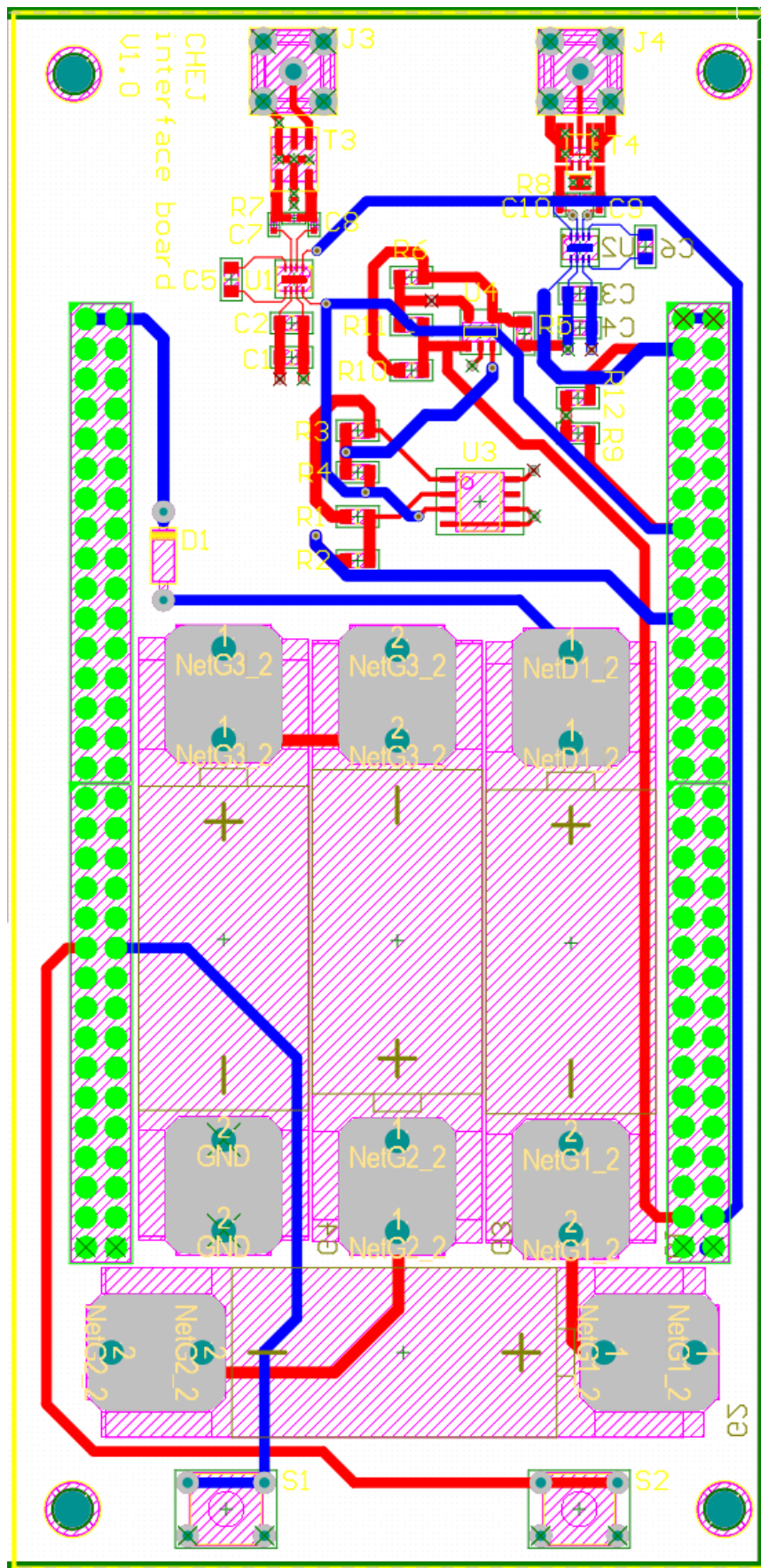
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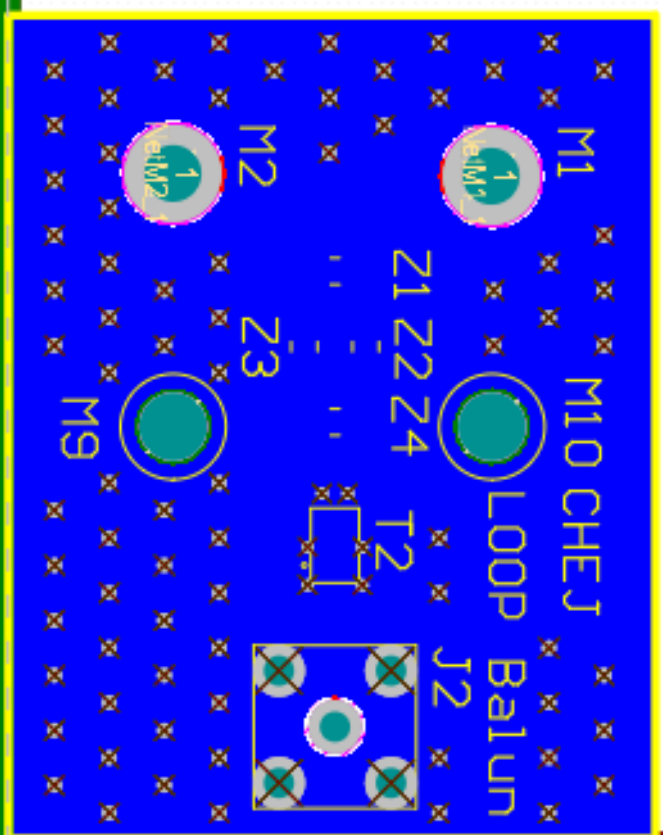
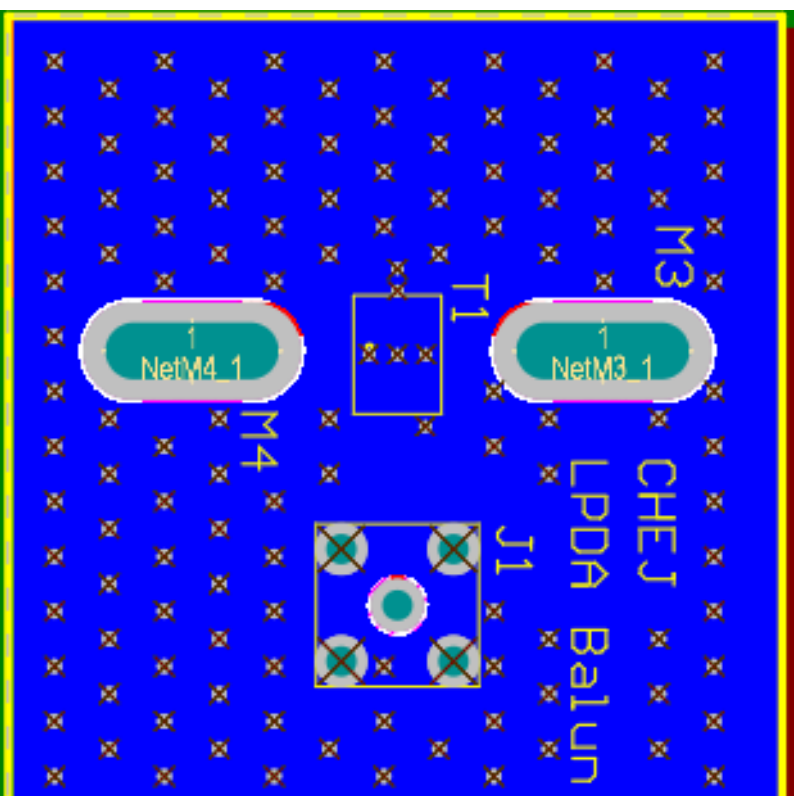
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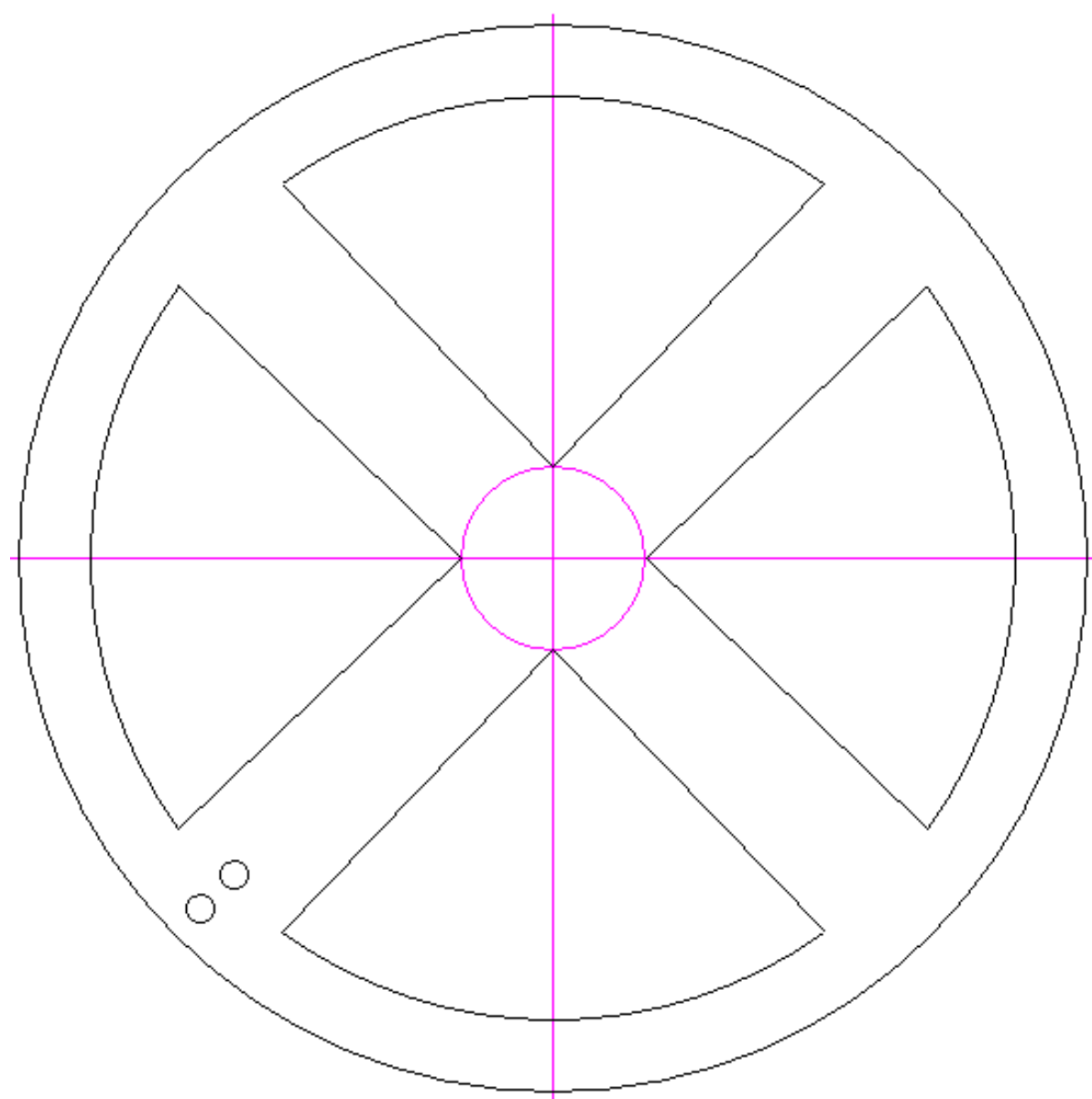
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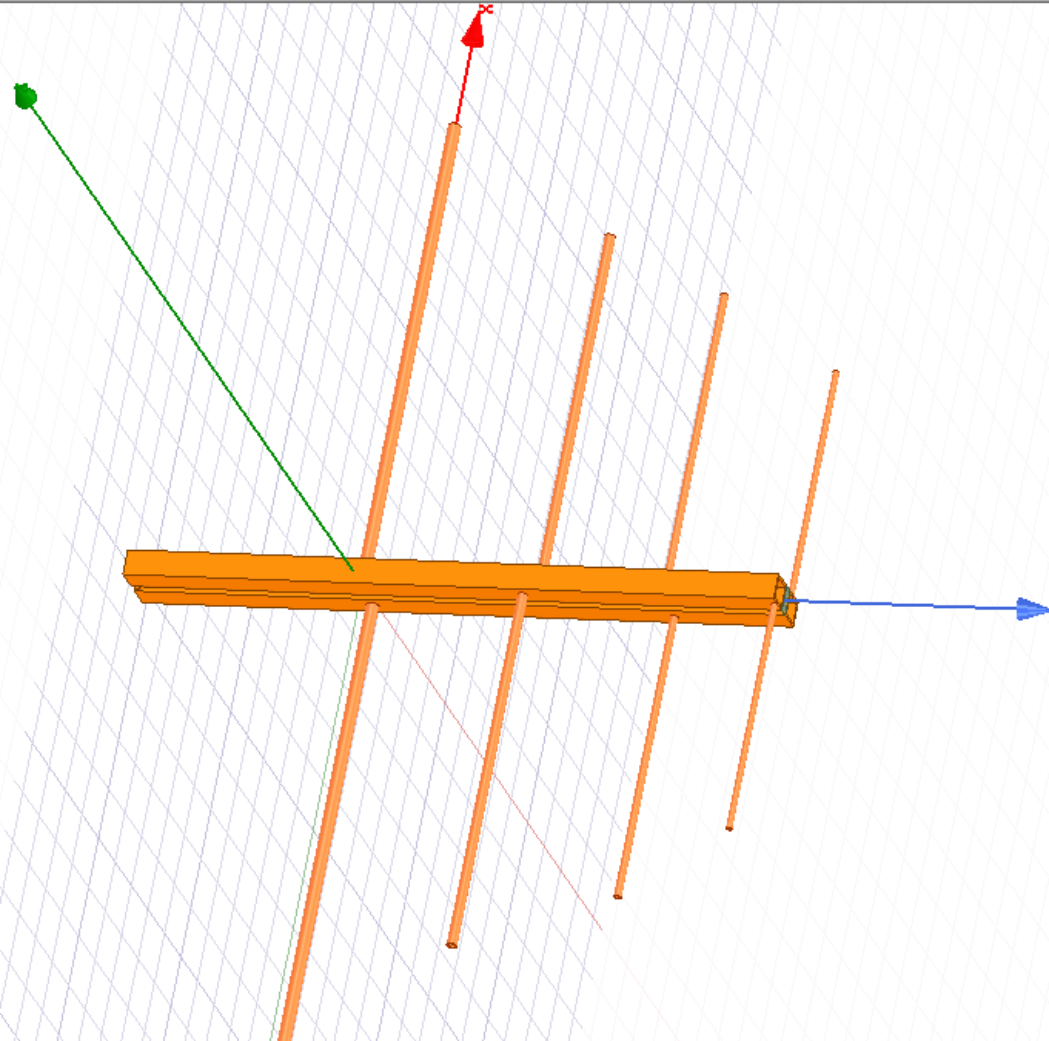


Graveuse



AnSys Simulation

Properties					
Name	Value	Unit	Evaluated Value	Type	
Frequency	434	MHz	434MHz	Design	
Lz Term	0.089*100...		89mm	Design	
Cyl_vol	0.5	mm	0.5mm	Design	
Boom_Vol	2	mm	2mm	Design	
Boom_W	10	mm	10mm	Design	
Boom_L	10	mm	10mm	Design	
spacer	4	mm	4mm	Design	
Sigma	0.095		0.095	Design	
T	0.8		0.8	Design	
R3	1.25	mm	1.25mm	Design	
L0	357	mm	357mm	Design	
L1	T*L0		285.6mm	Design	
L3	T*L2		182.784mm	Design	
L2	T*L1		228.48mm	Design	
Lambda0	T*L0		714mm	Design	
Lambda1	T*L1		571.2mm	Design	
Lambda2	T*L2		456.96mm	Design	
Lambda3	T*L3		365.568mm	Design	
D0	Sigma*La...		67.83mm	Design	
D1	Sigma*La...		122.094mm	Design	
D2	Sigma*La...		165.5052mm	Design	
D3	D2+Lz Term		284.5052mm	Design	
Boom_H	D3		284.5052mm	Design	
R0	2.5	mm	2.5mm	Design	
R1	2	mm	2mm	Design	
R2	1.5	mm	1.5mm	Design	
c	299792458		299792458	Design	
wavelength	c/Frequ...		0.6907660325806	Design	
Frequ	434	MHz	434MHz	Design	
Lambda	c/Frequ		0.6907660325806	Design	



Properties

Name	Value	Unit	Evaluated Value	Type
maRad	Lambda/(...		0.11001493762113	Design
minRad	sqrt(Sect/pi)		0.00056418958354776	Design
rad	ZminRad		0.0011283791670955	Design
H	10	mm	10mm	Design
Frequ	434	MHz	434MHz	Design
Lambda	c/Frequ		0.69124423963134	Design
c	300000000	m_per_sec	300000000m_per_sec	Design
Frequence	434	MHz	434MHz	Design
tuning	1		1	Design
BW	1	mm	1mm	Design
Sect	1	mm2	1mm2	Design
Diameter	ZmaRad	m	0.2200298752425m	Design

