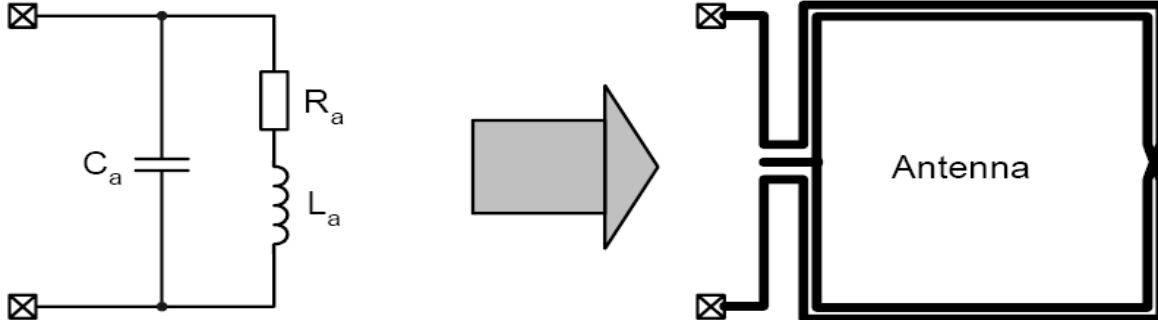
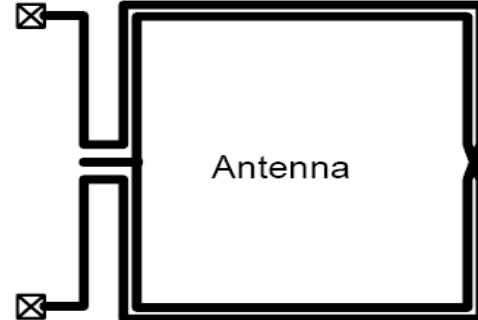
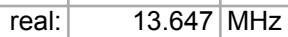
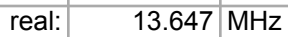
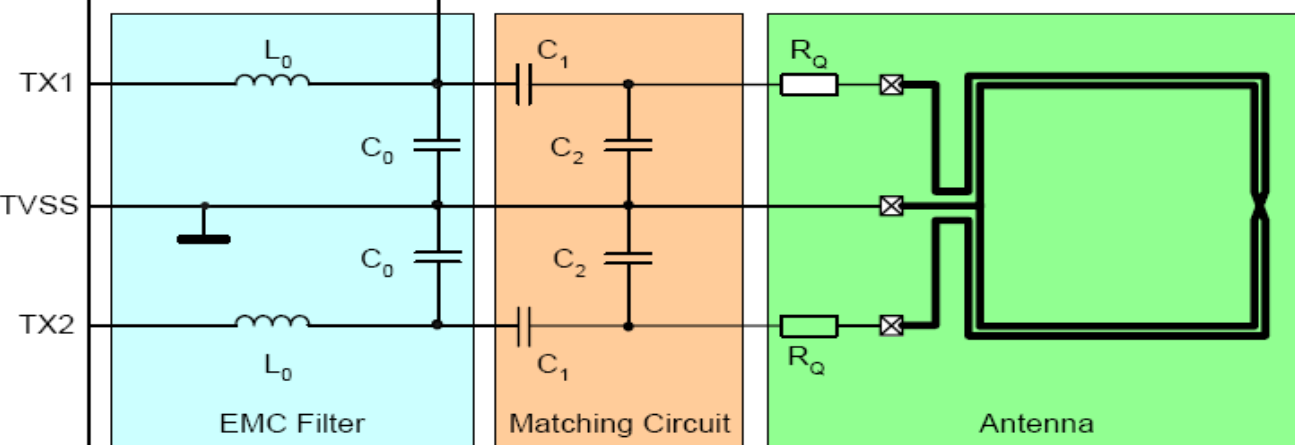


given	f	13.56	MHz	provisional results:	$\left(1 - \omega^2 \cdot L_0 \cdot C_0\right)$ 0.0127707276585453	$\left(1 - \omega^2 \cdot L_0 \cdot C_0\right)^2$ 0.000163091484928734	$\left(\omega \cdot \frac{R_{match}}{2} \cdot C_0\right)$ 0.173807985241325	$\left(\omega \cdot \frac{R_{match}}{2} \cdot C_0\right)^2$ 0.0302092157336486
	omega	85199992.7653552	1/s					
measured	La	392.5	nH					
	Ca	-348	pF					
	Ra	0.479	Ohm					
required	Q	30						
	Rmatch (Tx1-Tx2)	30	Ohm					
	fres filter	21.000	MHz					
calulated	Qa	70						
	Rq	0.32	Ohm					
	Rpa	1003	Ohm					
Hilfswert		1003						
chosen	L0	1000	nH					
	C0 calculated	57.4	pF					
chosen	C01	68	pF					
	C02	68	pF					
	Rtr	988	Ohm					
	Xtr	-100	Ohm					
	C1	26.2	pF					
	C2	1374.4	pF					