

Table 5.3: Performance of resonant inductive link

	Sepr: 1.5 mm	Sepr: 5 mm	Sepr: 10 mm	Unit
$C_{P1},$	660	126	51	pF
C_{P2}	80	190	227	pF
C_{S1}	288	288	288	pF
$Freq.$	13.56	13.56	13.56	MHz
S_{11}	-55	-61	-29	dB
S_{22}	-30	-24	-9	dB
S_{21}	-0.28 (0.97)	-0.61 (0.93)	-2.50 (0.75)	dB (mag.)
η_{link}	94	86	56	%