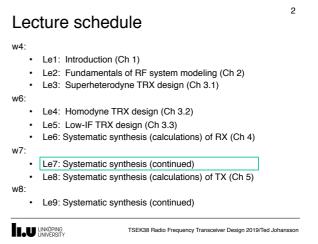
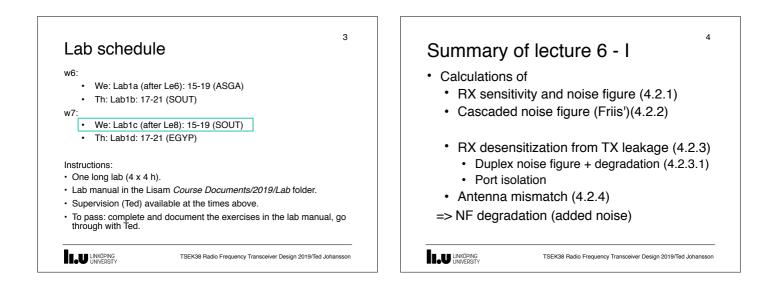
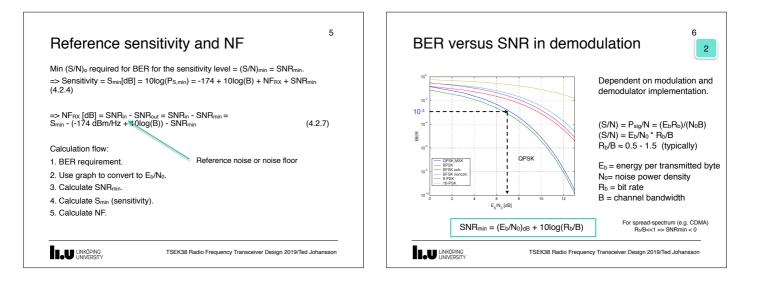
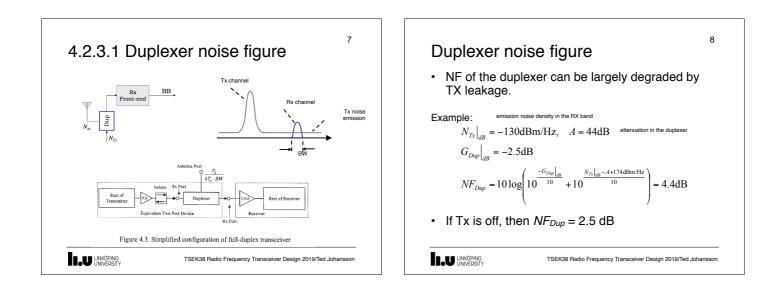


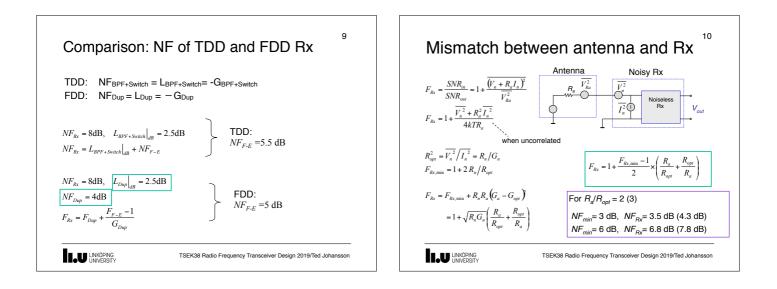
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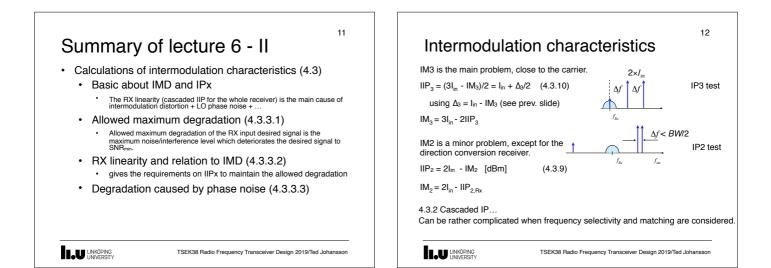


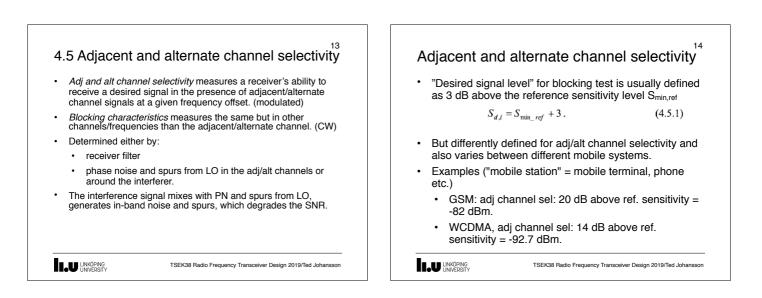


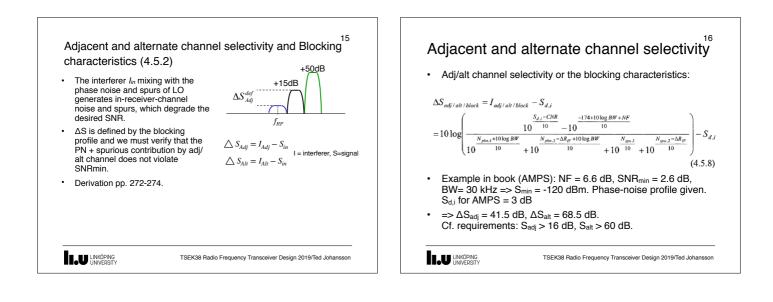


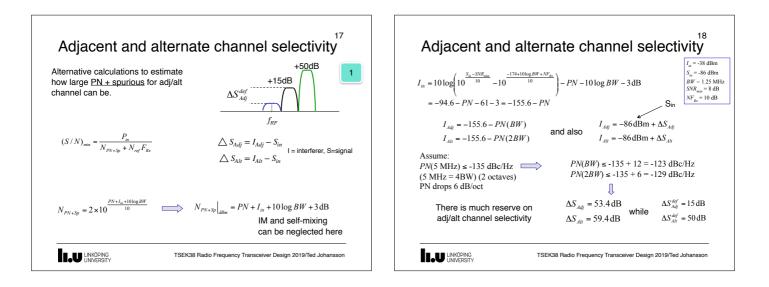


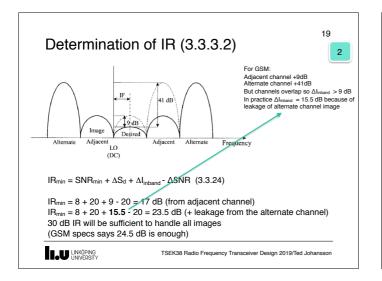


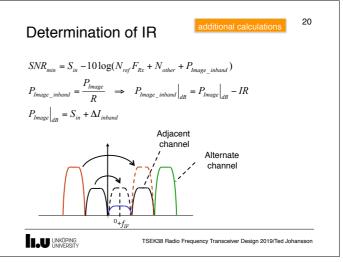


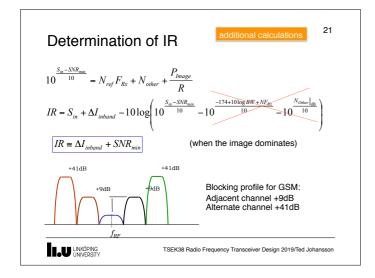


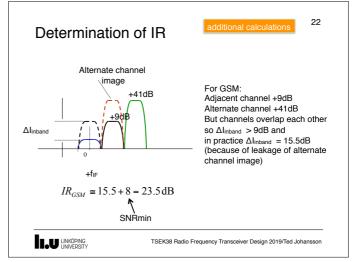


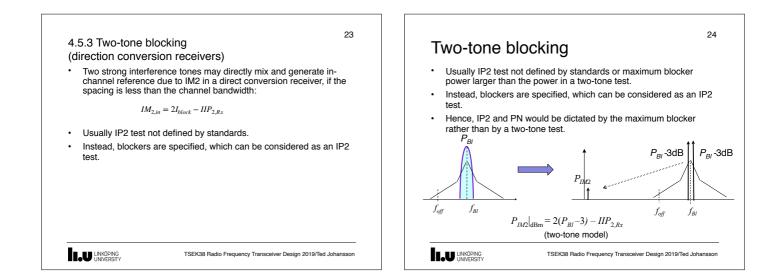


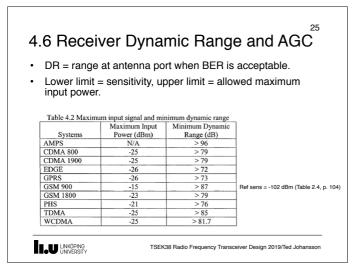


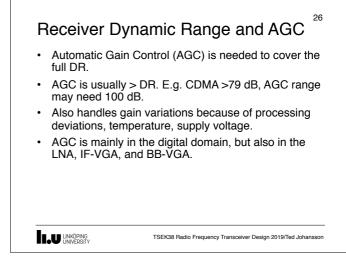


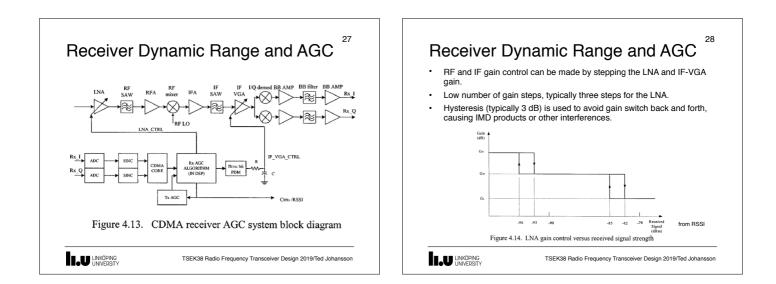


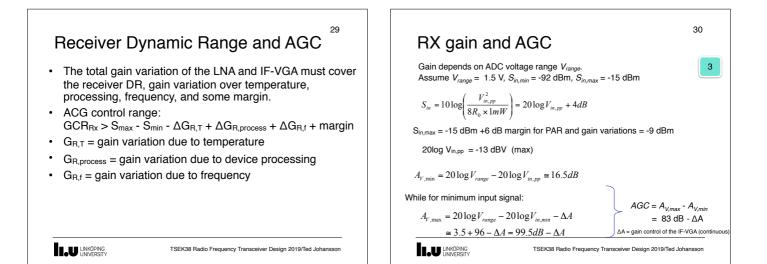


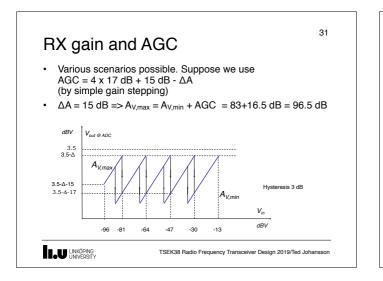


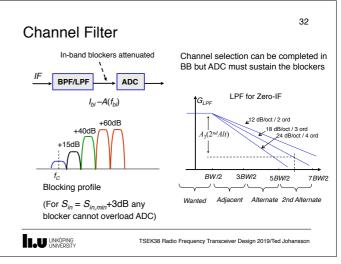


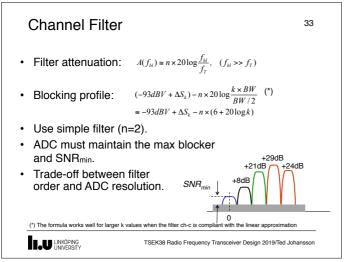


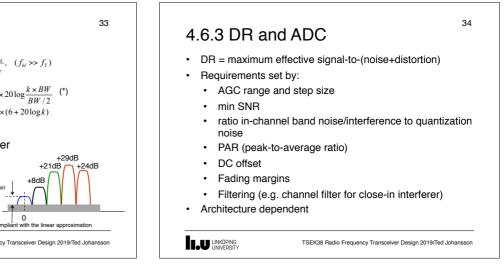


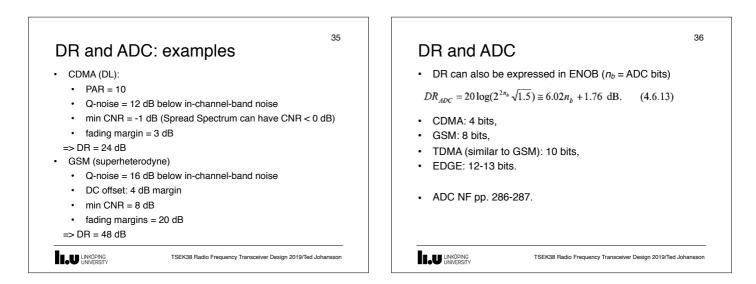


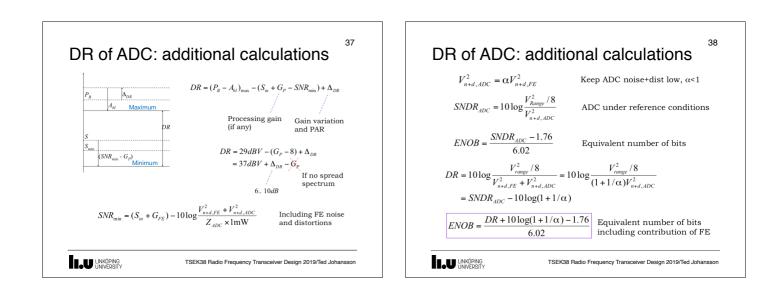


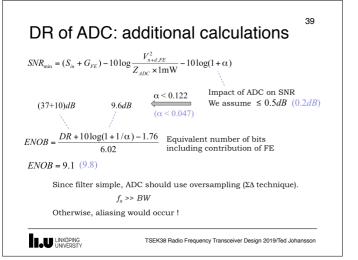


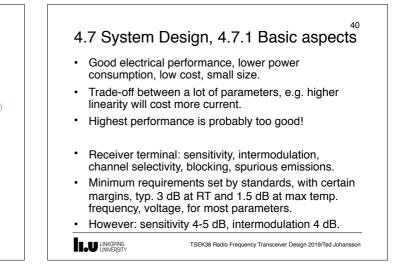


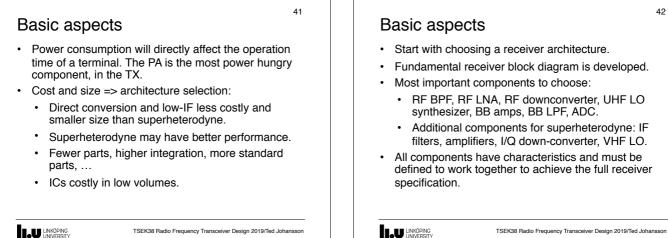


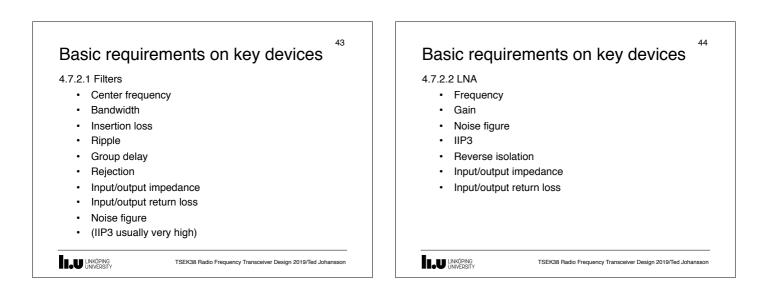


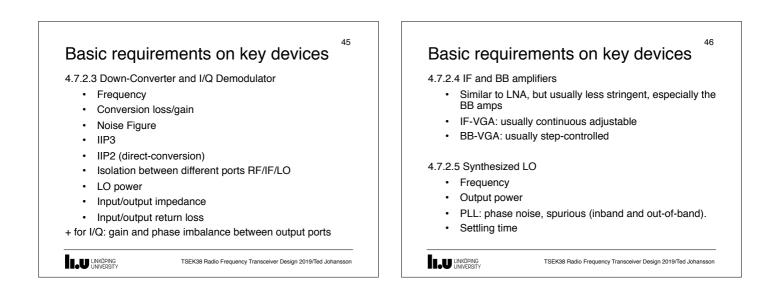


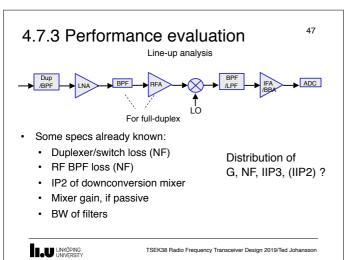


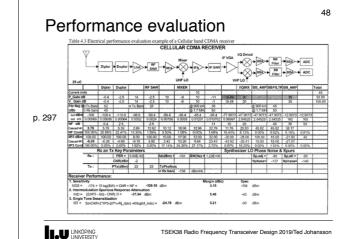












25 oC	Y,	Diplxr	Duplxr	LINA	RF SAW	RFA	Mixer	• IFA	► IF SAW	IF VGA		
25 60		Diplxr	Duplar		RF SAW		MIXER				I/QMIX	BB A
Current (m	(A)			-		-	-	10	and the second second	the surface of the surface of		1
P Gain d		-0.4	-2.5	14	-2.5	10	-6	10	-11	18.49	30	239289
V Gain d		-0.4	-2.5	14	-2.5	10	-6	10	-1	18.49	30	1
	InTx Band	52		In Tx Ban	25			@ 900 kH	38			@ 900
(dB)	n Rx band	45						@ 1.7 MH	50			@ 1.7
out dBm	-108	-108.4	-110.9	-96.9	-99.4	-89.4	-95.4	-85.4	-96.4	-77.9073	-47.9073	-47.9
out mV	0.00089	0.00085	0.00064	0.0032	0.0024	0.00758	0.0038	0.01201	0.010702	0.08997	2.84525	2.84
NF dB		0.4	2.5		2.5				11	10	25	-
Cascad NF	5.79	5.79	5.39	2.89	12.62	10.12	18.96	12.96	22.76	11.76	25.50	45.
NF Contr	100.00%	28.88%	22.47%	13.30%	1.59%	5.50%	1.08%	0.00%	1.68%	16.40%	8.13%	0.00
IP3 dBm	100.00	100.00	100.00	8.00	100.00	10.00	17.00	12.00	32.00	-20.00	-25.00	100
Cascad IIP:	-6.26	-6.26	-6.66	-9.16	4.92	2.42	13.26	9.64	23.43	-43.92	-25.41	15.0
IP3 Cont	100.00%	0.00%	0.00%	1.92%	0.00%	17.14%	34.20%	27.17%	2.72%	0.07%	15.25%	0.00
	F	Rx an Tx Key Parameters								Synthe	esizer L	O Pha
	Rx:		FER =	5.00E-03		Sd(dBm)	-101	BW(Hz) =	1.23E+06	and the second second		Sp.a
			CNR(dB)=	-2								Npha
	Tx:		PTx(dBm)		23	TxPhsNois						
						in Rx ban	-138	dBm/Hz				
Receive	r Perfon	mance:										
1. Sensit								h	largin (dBe	:)	Spec	
MDS =			() + CNR + Respons		-109.16 tion	dBm			5.16	,	-104	dBm

