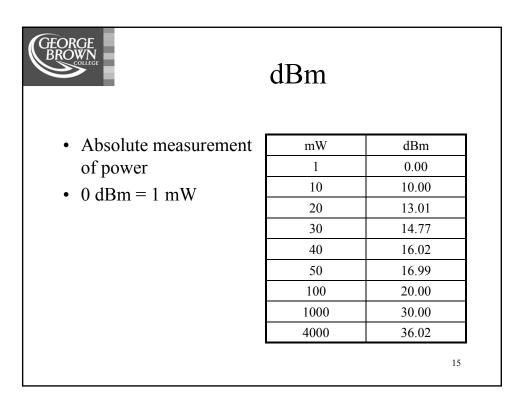
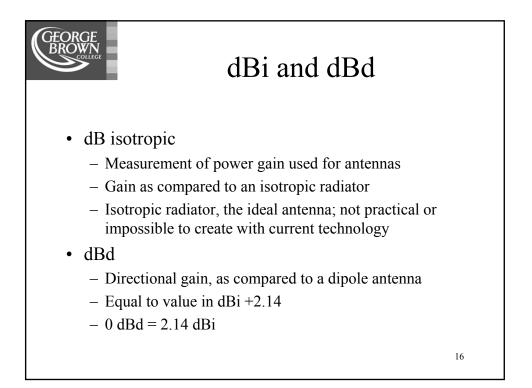
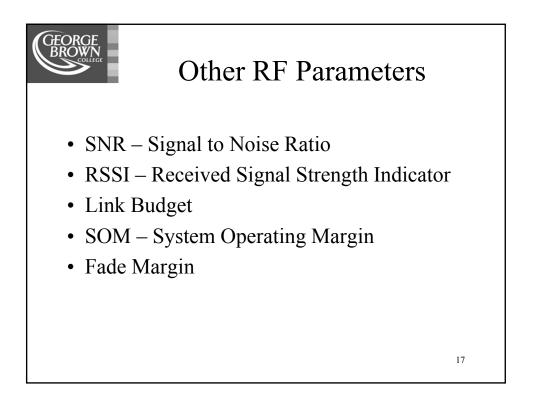
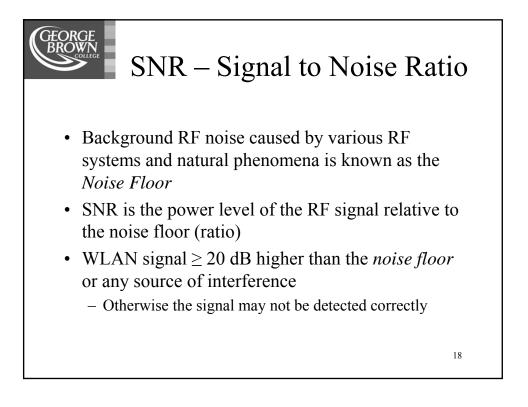


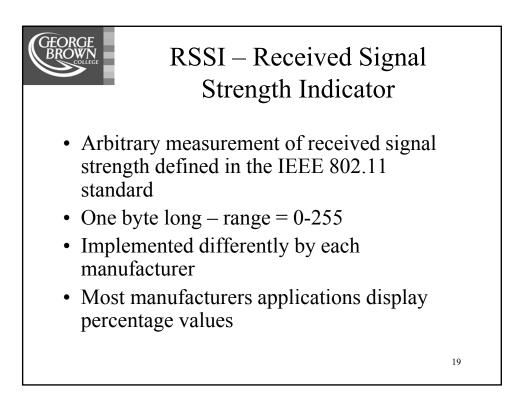
GEORGE BROWN	Expres	ssions of 10s a	and 3s
	Gain	Expressed in 10s and 3s	
	1	+10 -3 -3 -3	
	2	+3 +3 +3 +3 -10	
	3	+3	
	4	+10 -3 -3	
	5	+3 +3 +3 +3 +3 -10	
	6	+3 +3	
	7	+10 -3	
	8	+10 +10 -3 -3 -3 -3	
	9	+3 +3 +3	
	10	+10	
			14

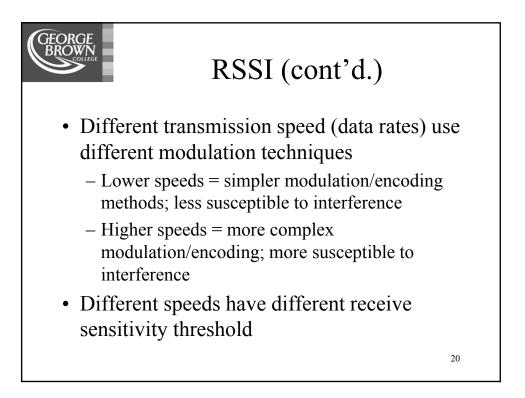




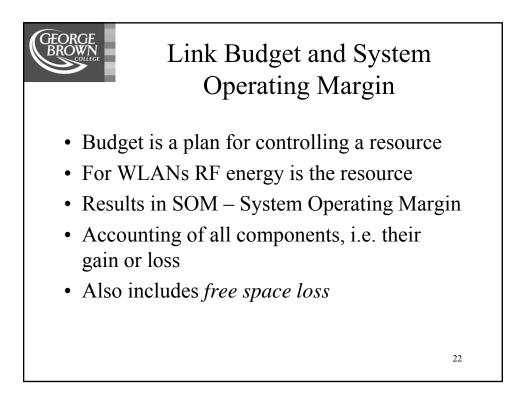


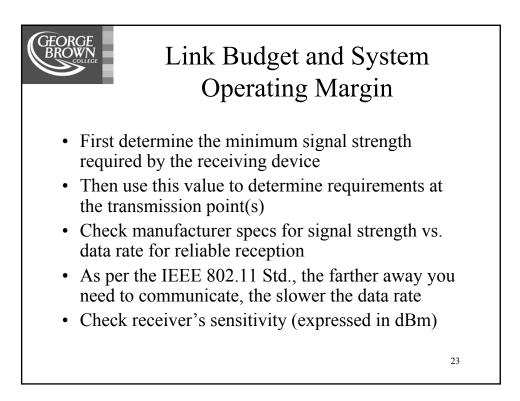


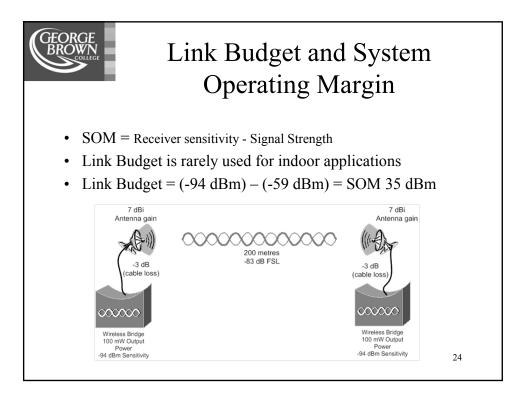


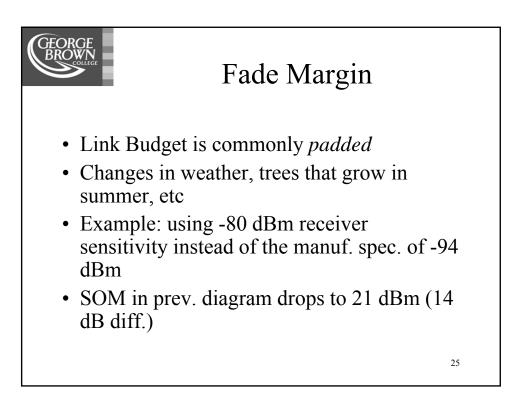


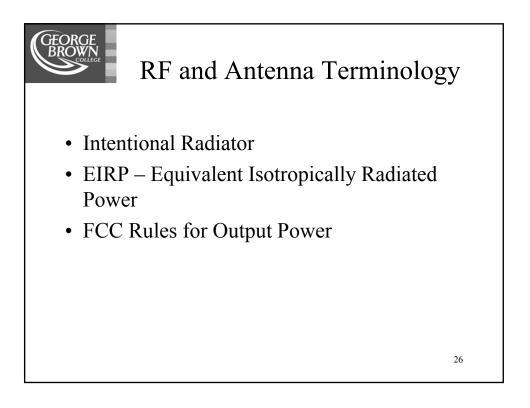
BROWN		RSSI (cont'd.)	
	Data Rate	Received signal, minimum amplitude	
	54 Mbps	-50 dBm	
	48 Mbps	-55 dBm	
	36 Mbps	-61 dBm	
	24 Mbps	-74 dBm	
		e is an example only; keep in mind that ers may have different thresholds	t

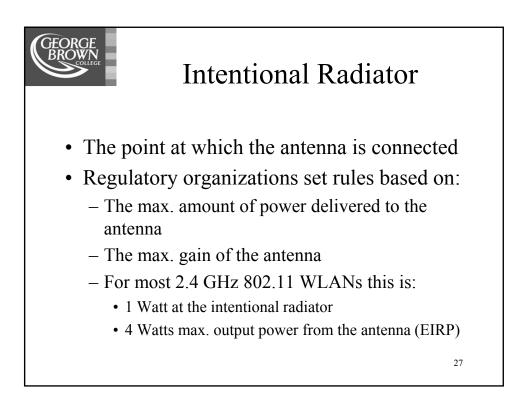


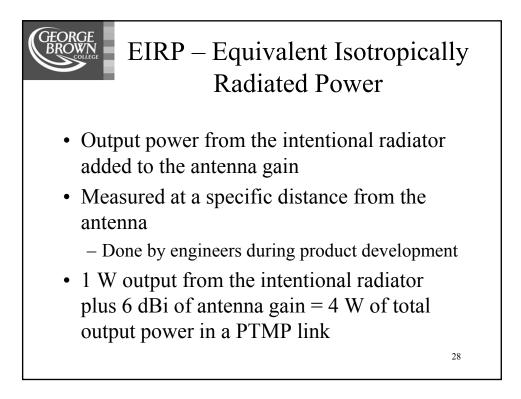


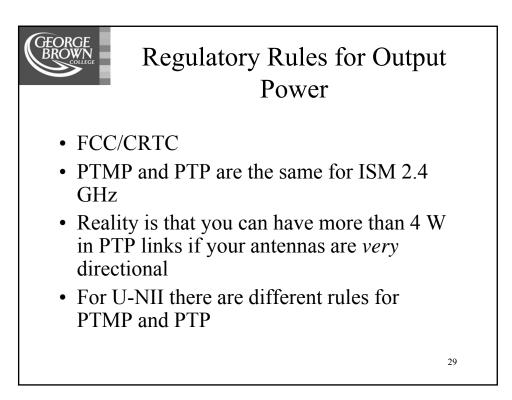












PTMP Output Power (ISM 2.4 GHz)			
Intentional Radiator Power (dBm)	Antenna Gain	EIRP (dBm)	EIRP (Watts)
30	6	36	4
27	9	36	4
24	12	36	4
21	15	36	4
18	18	36	4
15	21	36	4
12	24	36	4

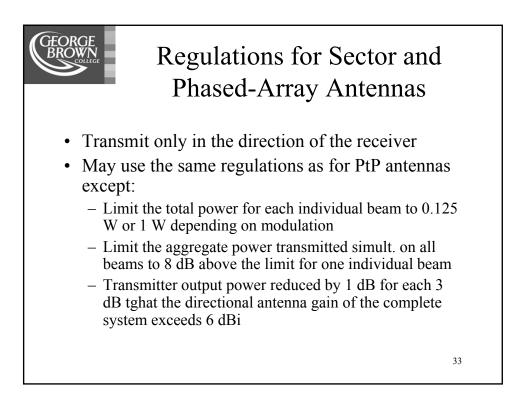
PTP Output Power (ISM 2.4 GHz)			
Intentional Radiator Power (dBm)	Antenna Gain	EIRP (dBm)	EIRP (Watts
30	6	36	4
29	9	38	6.4
28	12	40	10
27	15	42	16
26	18	44	25
25	21	46	39.8
24	24	48	63
23	27	50	100
22	30	52	158

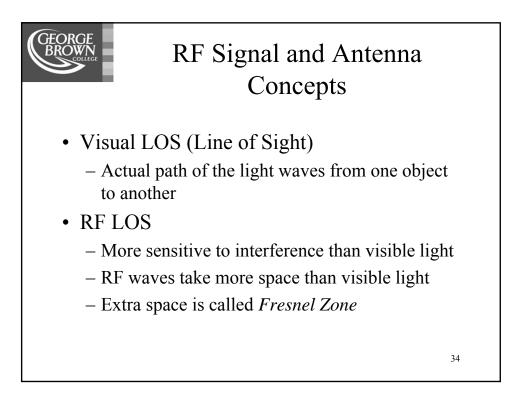
GE	Output Power for U-NII Bands

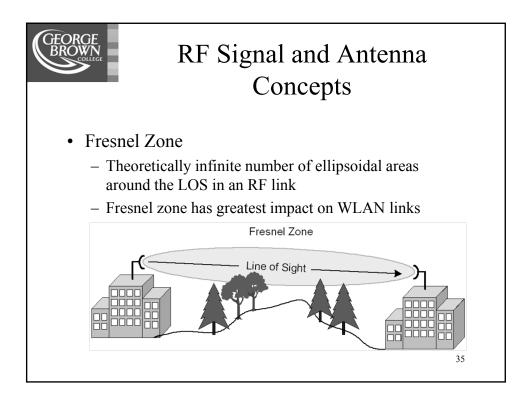
GFORGE

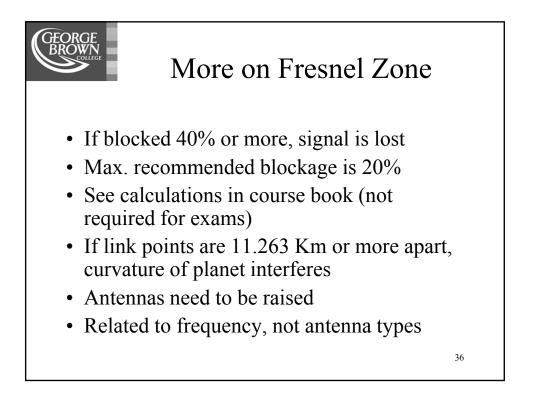
	(dBi)		( <b>mW</b> )
16 (40 mW)	6	22	160
23 (200 mW)	6	29	800
29 (800 mW)	6	35	3200
_	23 (200 mW)	23 (200 mW) 6 29 (800 mW) 6	23 (200 mW) 6 29   29 (800 mW) 6 35

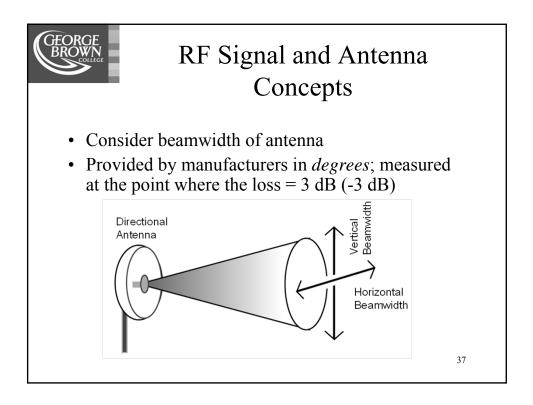
32











		Beamwidth
Antenna Type	Horizontal Beamwidth	Vertical Beamwidth
Omnidirectional	360	7 - 80
Patch/Panel	30 - 180	6 - 90
Yagi	30 - 78	14 - 64
Sector	60 - 180	7 – 17
Parabolic Dish	4 - 25	4 - 21

