10 011	T 1 00 0000	anua (an				Range			Path	0.0
10 GHz	July 29 2000	SDMG/SB	MS Picni	C		Feet	220		Loss dB	89
NB 10368						0-1-			Meas	
			ERP	7 + +		Calc Ant	Calc	Mana	meas minus	
		011+211+		Atten.	MDC Con	_	ERP	Meas ERP	Calc	
a-11	Dial air a	Output dBm	PwrMtr dBm	Value	MDS Gen dBm	dB	dBm			
Call	Dish size "			dB	-93			dBm 46	ERP dB	
W6OYJ	30	24	-40	30		35	59		-13	
KE6IDA	30	-2.5	-44	10	-87 -87	35 37	33	22	-10 -13	
K6VLM	36 24	24	-38 -40	30 20	-87 -90	37	61 40	48 36	-13 -4	
W6SYA	= =	-							_	
KE6HPZ	27	26	-38	30	-90	34	60	48	-12	
WB6DNX1	36	20	-34	30	-98	37	57	52	-5	
WA6CDR	72	39	-33	50	-111	43	82	73	-9	
W6AT	24	27	-34	30	-90	33	60	52	-8	
WB6DNX2	36	20	-42	40	-95	37	57	54	-3	
K6VLM2	36	24	-36	30	-93	37	61	50	-11	
NB	Known Ant dB									
WA6CGR	17	27	-40	20	-77	17	44	36	-8	
WB 10280 Tx	Known Ant dB	Out	dBm	Atten	MDS	Gain	ERP	ERP	Delta	
K6RRA	17	10	-52	10	-19	17	27	6	-21	
			32					-		
24 GHz WB										
	Dish Size									95
WB6DNX	24	17	-22	10	-20	41	58	53	-5	
WA6QYR	18	12	-21	10	-36	38	50	54	4	
W6OYJ	15	7	-22	0	-29	37	44	43	-1	
WB frequenc	y is 10280 MH	z, IF is	57 MHz	with 10.	5 dB cab	le loss	& am	p gain	of 46 d	b
NB frequenc	y is 10368 MH	z, IF is	145 MH ₂	z with 18	dB cabl	e loss	& amp	gain	of 46 dB	,
Ant gain Ca	lc assumes 64	% effici	ency = 7	7+20*LOG(size inc	hes/12)	+20*L	OG(fre	q in GHz	;)
	P = Power me									
	-37.5+20*LOG									
		Ì		,						
(Spreadshee	t revised - n	ew data	added -	6 Aug 20	00)					
				T						
Note: N6IZW	and W60YJ be	lieve ar	intermi	ittent in	strument	ation e	rror	occurr	ed durin	g these test
	much as a 9 d									
	tests, howev									
	rious tests. A									
	cted by atten				1.00 0011	AD.III 1 C				7.5 QDIII
	has pointed				h was te	sted at	a di	gtance	only ah	1011t 30% of
	eld distance (
	now he has a					C EVE O	ישויו אוני	Laic	aracrons	arc mivariu
hut we do b										