

902/903

CALL	TYPE	MFG	DESCRIPTION	MEASURED dB	GAIN dBi	COMMENTS
			Ref Antenna		9.0	902 MHz
WB0DBS	LP Yagi	Sci. Atlanta	400 - 1400 LP	-2.7	6.3	

1296

CALL	TYPE	MFG	DESCRIPTION	MEASURED dB	GAIN dBi	COMMENTS
WC5Z	Horn	HB	3 3# coffee cans	-6.3	5.8	
WB0DBS	LP Yagi	Sci. Atlanta	400 - 1400 LP	-5.4	6.0	
WB0DBS	LP Yagi	Sci. Atlanta	Dual Polarity #2	-5.8	6.3	"Unmarked"
				-5.8	6.3	"Red Dot"
WB0DBS	LP Yagi	Sci. Atlanta	Dual Polarity #1	-5.4	6.8	"Unmarked"
				-5.2	6.9	"Red Dot"
K7CVU	Yagi	HB	5 el Yagi	-3.1	9.0	
			Ref Antenna		12.1	1296 MHz
KD5URL	Yagi	HB	16 el AI boom w/ thru el	0.7	12.8	
			Ref Antenna		9.0	1296 MHz
WA5VJB	Vivaldi	Comm		-10.5	-2.5	Conference ID badge

2304

CALL	TYPE	MFG	DESCRIPTION	MEASURED dB	GAIN dBi	COMMENTS
			Ref Antenna		17.0	2304 MHz

UNABLE TO TEST DUE TO EQUIPMENT PROBLEMS

5760

CALL	TYPE	MFG	DESCRIPTION	MEASURED dB	GAIN dBi	COMMENTS
			Ref Antenna		22.2	5760 MHz

UNABLE TO TEST DUE TO EQUIPMENT PROBLEMS

8450

CALL	TYPE	MFG	DESCRIPTION	MEASURED dB	GAIN dBi	COMMENTS
			Ref Antenna		21.4	8540 MHz
KC2TDS	Circular Feed Horn	HB	Compression circularity	-8.2	13.2	-2.5 dB Axial ratio

10GHz

CALL	TYPE	MFG	DESCRIPTION	MEASURED dB	GAIN dBi	COMMENTS
	10/24 GHz		Cross-polarized dual			
WB0DBS	Dish Feed	Comm	feed	-7.2	9.4	
				-7.1	9.5	
K0MHC	WG slot #2	HB	12 slot	-2.0	14.6	nulls not measured ~8 deg uptilt
K0MHC	WG slot #1	HB	12 slot	-5	16.1	-6dB nulls on corners ~8 deg uptilt
			Ref Antenna		16.6	10.368 MHz
K0DSP	Horn	Comm	Cast metal	2.9	19.5	
K0DSP	Horn	HB	Conductive paint inside	3.0	19.6	"Yellow" horn
K0DSP	Horn	Comm	Alarm system horn	3.5	20.1	
K0DSP	Horn	HB	Circuit board	3.5	20.1	
K7CVU	Horn	Comm	17dB plastic, metalized	NOT TESTED	17.0	Well known commerical product
W0JT	19" DSS	Comm/HB	19" Dish 500/orig feed	-5.5	17.0	Feed mod to 10GHz
			Ref Antenna		22.5	10.368 MHz
K0MHC	Dish	HB	1' w/splash-plate feed	4.3	26.8	
K0MHC	19" DSS	Comm/HB	Pegasus/mod orig feed	8.0	30.5	Feed mod to 10GHz
	24" Center-fed dish -		Commerical with			5.6 & 10.3 GHz feed; 5.6 not used/tested
K0MHC	Dual feed	Comm	Directive Systems feed	10.5	33.0	
	2' Center-fed dish -		Commerical with			5.6 & 10.3 GHz feed; 5.6 not used/tested
W3XO	Dual feed	Comm	Directive Systems feed	10.5	33.0	
			Dish Network/mod orig			
K0MHC	19" DSS	Comm/HB	feed	10.7	33.2	Feed mod to 10GHz
			PrimeStar w/3/4" pipe			
K5LLL	2' DSS	Comm/HB	feed	11.0	33.5	Orig design for multiple satellites
K0MHC	19" DSS	Comm/HB	Mod orig feed	12.0	34.5	"Loaner" system
K0MHC	2' Dish	Comm	"White box" w/orig feed	13.0	35.5	
	1m offset		Channel Master/mod			
K0MHC	feed	Comm/HB	orig feed	18.0	40.5	Feed mod to 10GHz

24GHz

CALL	TYPE	MFG	DESCRIPTION	MEASURED dB	GAIN dBi	COMMENTS
	10/24 GHz		Cross-polarized dual			
WB0DBS	Dish Feed	Comm	feed	-12	8.7	
				-10.0	10.7	
			Ref Antenna		20.7	24.192 MHz
K5RUS	Horn	Comm	Lens/Horn 24.5-26.6GHz	-16.2	36.9	