

NLRs Antenna Range – 30 May 2016 (Aurora'15 Make-up)

Freq	Call	Design	HB	Comm	Notes	Gain
144.2	K0XL	4-el Yagi		X	Back 4 el of antenna, w/32' of cable	2.2dBd
					Same. w/no cable	7.4dBd
144.2	KC0P	6-el Yagi	X		Cheap Yagi w/wood form for DE	7.2dBd
144.2	WA2VOI	4-el Yagi	X		WA5VJB CheapYagi -- REF ANT	7.2dBd
222.1	W0ZQ	3-el Yagi	X	X	Old 2m CC parts from scrap pile	7.2dBd
222.1	W0ZQ	4-el Yagi	X		Made from TV antenna parts	6.8dBd
222.1	WA2VOI	4-el Yagi	X		WA5VJB CheapYagi -- REF ANT	7.8dBd
432.1	W9FZ	6-el Yagi	X		Cheap Yagi	9.8dBd
432.1	W9FZ	11-el Yagi	X		Cheap Yagi	12dBd
432.1	W9FZ	11-el Yagi	X		Cheap Yagi for 435MHz	10dBd
435.1	W9FZ	11-el Yagi	X		Same, measured @ 435.1	10.5dBd
432.1	WA2VOI	6-el Yagi	X		WA5VJB CheapYagi -- REF ANT	9.0dBd
902/3					NONE MEASURED	
902	WA2VOI	Ridged Horn		X	Narda 15-RH -- REF ANT	7.8dBi
1296.1	K0MHC	2X25el LPY		X	Directive Sys w/splitter & harness	15.8dBi
1296.1	KA0RYT	KL6M type	X		Septum feed – Rx port only	5.8dBi
					Same, Tx port only	5.8dBi
1296.1	WA2VOI	Ridged Horn		X	Narda 15-RH -- REF ANT	13.8dBi
2304	KC0IYT	9-el Yagi	X		VE3SMA design	12.2dBi
2304	WA2VOI	Ridged Horn		X	9"x6.75"x12.75" -- REF ANT	13.0dBi
2425	K0XL	9-t Helical	X		thin-wall PVC pipe; gd circularity	5.3dBc
2425	WA2VOI	Ridged Horn		X	9"x6.75"x12.75" -- REF ANT	13.8dBi
3456					NONE MEASURED	
3456	WA2VOI	Ridged Horn		X	9"x6.75"x12.75" -- REF ANT	19.2dBi
5760					NONE MEASURED	
5760	WA2VOI	Ridged Horn		X	9"x6.75"x12.75" -- REF ANT	27.7dBi
10GHz	K0KFC	Offset dish	X	X	Dish 500 w/modified LNB feed	32dBi
10GHz	KC0P	Offset dish	X	X	RCA DSS	32dBi
10GHz	K0MHC	Offset dish	X	X	Channel Master 1m w/LNB feed	36.4dBi
10GHz	KC0IYT	Offset dish	X	X	18" DSS w/W1GHZ feed	31.4dBi
10GHz	KC0IYT	Offset dish	X	X	3 / 4 m w/W1GHZ feed	36.4dBi
10GHz	KC0IYT	20dB horn	X		20dB horn 4.938"x4.125"x5.875"	20dBi
10GHz	KC0IYT	Feed horn	X		W1GHZ feed horn	12.4dBi
10GHz	KC0IYT	Offset dish	X	X	Direct TV (RCA) w/W1GHZ feed	31.4dBi
10GHZ	WB0LJC	Offset dish	X	X	2' dish w/W1GHZ feed	34.4dBi
10GHZ	WA2VOI	20dB Horn	X		4.875"x4.0"x6.0" -- REF ANT	20.4dBi