

MUD2010 Noise Figure, Frequency and Power Measurement Data and Results

Frequency	Type	Call	Gain	Conv. Gain	Noise Figure	Power Output	Notes
1296 MHz	LNA	KF6PGT	12.84 dB		1.37 dB		
5.760 GHz	Transverter	W5NYV		17.2 dB	6.8 dB	140 mW	
3.456 GHz	Transverter	W5NYV		17.53 dB	2.95 dB	16 Watts	
10.368 GHz	LNA	K6WCI	26.85 dB		2.7 dB		
10.368 GHz	LNA	WA3ZKR	25 dB		1.18 dB		Converted Ku Band LNB
1296 MHz	LNA	W7CS	30.82 dB		0.93 dB		
1296 MHz	LNA	W7CS	33.15 dB		0.84 dB		
50-1296 MHz	LNA	K6MGM					AD6IW Design
50 MHz		K6MGM	22.2 dB		0.8 dB		
70 MHz		K6MGM	23.4 dB		0.73 dB		
144 MHz		K6MGM	24.5 dB		0.57 dB		
222 MHz		K6MGM	24.5 dB		0.42 dB		
432 MHz		K6MGM	22.5 dB		0.51 dB		
900 MHz		K6MGM	18.17 dB		0.62 dB		
1296 MHz		K6MGM	15.47 dB		0.65 dB		
144-432 MHz	LNA	AD6IW					AD6IW MMIC-1
144 MHz		AD6IW	25.12 dB		0.62 dB		
432 MHz		AD6IW	22.18 dB		0.46 dB		

Frequency	Type	Call	Gain	Conv. Gain	Noise Figure	Power Output	Notes
1296 MHz	LNA	AD6IW	20.24 dB		0.56 dB		AD6IW MMIC-2
1296 MHz	LNA	AD6IW	23.27 dB		0.66 dB		AD6IW MMIC-3
1296 MHz	LNA	AD6IW	21.01 dB		0.57 dB		AD6IW MMIC-4
10.368 GHz	LNA	AD6IW	14.42 dB		0.63 dB		AD6IW New HEMT
10 GHz	Gunn Osc.	W6KVC					10.352-10.397 GHz
1296 MHz	LNA	KD0IF	18.46 dB		0.17 dB		
10.368 GHz	LNA	KD0IF	29.5 dB		1.39 dB		Converted Ku Band LNB
10.368 GHz	LNA	WA3ZKR	20.3 dB		1.2 dB		Converted Ku Band LNB
78 GHz	Transverter	W5LUA		39.6 dB	3.8 dB		WA1MBA LNA
10.368 GHz	LNA	KR7O	31.61 dB		1.39 dB		
902 MHz	LNA	KR7O	19.52 dB		0.16 dB		
50 MHz	LNA	KR7O	25.98 dB		0.47 dB		ARR
50 MHz	LNA	KR7O	25.79 dB		0.36 dB		ARR