

Microwave Update					
Lewisville, Texas					
October 4, 2019					
Testing by: AD0CX and W5LUA					
Equipment supplied by Keysite & W5LUA					
HP8970B and HP346A used for converters					
Keysight MXA N9050B and N4000A 50 MHz through 10368 MHz					
Measurement Accuracy +/- 0.2 dB at 10 GHz and below					
Compiled by W5LUA					
Band	Call	Design	Device	Noise Figure dB	Gain dB
50 MHz	K4SME	Wideband LNA		1.68	19.0
144 MHz	W8ZN	HB	ATF-10136	0.41	24.9
	KK6RUM	LNA	5V	0.99	22.2
	W8ZN	ARR	3N211	1.4	15.2
222 MHz	KK6RUM	LNA	5V	0.98	22.2
432 MHz	KB6BA	AD6IW	Broadband LNA	0.39	23.9
	KK6RUM	LNA	5V	1.13	21.8
1296 MHz	KD6BA	AD6IW	Broadband LNA	0.25	22.4
	N5BF	VHF Designs	LNA 23cm EME	0.27	20.4
	WD5AGO	HB Dual stage	MGF-4919	0.29	27.2
	N5BF	VHF Designs	LNA 23cm EME	0.31	20.1
	VK4AFL	VK4CDI	LNA	0.32	35.9
	WD5AGO	HB 3stg	MGF4919	0.35	46.1
	N5BF	Kuhne	MKU LNA 132AH	0.5	35.6
	N5BF	Kuhne	MKU LNA 132AH	0.53	35.2
	N5BF	Kuhne	plus relay/cable	0.65	34.8
	VK4AFL	DB6NT	.LNA	0.81	14.9
	VE6BGT	WD5AGO	wounded	1.27	38.0
	VE6BGT	SRT Telecom		1.86	30.9
	K6JEY	G4DDK	wounded	6	17.7
2304 MHz	WD5AGO	HB	NE3510-ATF-63563	0.3	28.2
	KD6BA	AD6IW	Broadband LNA	0.41	16.9
	K4SME	Wideband LNA		0.82	9.6
	W5VY	DEMI	Transverter	1.9	12.4
3456 MHz	VE6BGT	Harris	6GHz LNA	2.6	19.0
5760 MHz	VE6BGT	Harris	6GHz LNA	1.03	28.5
	KE5BNZ	Mini-Circuits	ZX60-83LN12	1.55	21.3
	KE5BNZ		BJT	2.36	14.2
8450 MHz	N2QG/KC2TDS	Kuhne	8000B	0.91	29.5
	N2QG/KC2TDS	dnconverter		4.86	24.4
10368 MHz	K4SME	DEMI	Transverter	0.75	32.3
	AD6IW	HB	NE3512	0.85	14.1
	SM4FXR	PA Design		0.9	29.1
	K4SME	DEMI		0.89	24.9
	W5LUA	DEMI	PE1RKI	0.91	28.6
	AD6IW	HB	LNA#1	0.94	28.0