

Sherwood Engineering HF Test Results

Mode: Yaesu FT1000D	Serial # 51460080	Test Date: 4/8/04	
IF BW 2400, -6 / -60, Hz	2610/3690 Hz	Ultimate	dB
IF BW #2 -6 / -60, Hz		Ultimate	dB
IF BW #3 -6 / -60, Hz		Ultimate	dB
IF BW 500 -6 / -60, Hz	420/810 Hz	Ultimate	dB
Front End Selectivity (A – F)			
IF Rejection, 10 MHz @	kHz IF		dB
First IF Rejection @	MHz IF		dB
Dynamic Range 50 kHz	94	dB	IP3 dBm
Dynamic Range 20 kHz	90	dB	IP3 dBm
Dynamic Range 5 kHz		dB	IP3 dBm
Dynamic Range 2 kHz	69	dB	IP3 dBm
Dynamic Range 1 kHz		dB	IP3 dBm
Blocking above noise floor at 100 kHz spacing		131	dB
Phase noise (normalized) at 10 kHz spacing:		121	dBc
Noise floor, SSB bandwidth 14 MHz, Normal (Pre On)		-128	dBm
Noise floor, CW bandwidth 14 MHz, Normal (Pre On)		-128	dBm
Sensitivity at 14 MHz, Normal (Pre On)		0.3	uV
Noise floor, 2400 Hz, 14.2 MHz, Normal, Preamp On		-128	dBm
Noise floor, 2000 Hz, 14.2 MHz, Normal, Preamp On		-128	dBm
Noise floor, 500 Hz, 14.2 MHz, Normal, Preamp On		-128	dBm
Noise floor, SSB, 2 MHz			dBm
Noise floor, CW, 2 MHz			dBm
Sensitivity, 2 MHz			uV
Noise floor, SSB, 1 MHz			dBm
Sensitivity, 1 MHz			uV
Noise floor, SSB, 200 kHz			dBm
Sensitivity, 200 kHz			uV
Signal for S9, Normal (Pre On)		75	uV
Preamp, dB gain, (Normal)		10	dB
AGC Threshold at 3 dB	Normal (Pre On)	6.0	uV
Drift after 10 second warm-up			Hz