

Scan Wars
VERSION 1 ©2006

SCAN WARS

The information below is not guaranteed to be error free.

1. Introduction

In a galaxy far far away... a radio scan speed comparison is underway. Please send your raw data values to me at just_rtfm@yahoo.com for addition to the chart below.

2. Procedure

Use an analog clock with ticking hand movement such as the one provided by Windows XP. Scan can be prevented from stopping by: turning the squelch up to maximum, using attenuation, selecting a non-connected antenna, selecting the wrong band for the time of day, and/or totally collapsing the whip antenna. Press and hold the scan button when the *seconds* hand of the clock reaches 12. Any delay is part of the testing. Press scan again to stop when the hand reaches 6. The difference between the start and stop frequencies is the raw data recorded in the chart below in red. Scanning must occur in 5 kHz steps for the testing to be valid.

3. Data

Below is the raw and calculated data organized according to scanning speed. The Eton E1 is currently the "King of the Hill" at 107.0 kHz per second. This means the E1 could cover 19 Meters (the largest band which spans 500 kHz) in only 4.67 seconds. *Note: SQL is squelch.*

Radio Make	Radio Model	SQL	kHz per 30 sec	Speed kHz/sec	Seconds for 19M	Data Source
Eton	E1	Yes	3210	107.0	4.67	Author
Degen	DE1102	No	2510	83.7	5.97	Author
ICOM	R75	Yes	1405	46.8	10.68	Author
Sangean	ATS-818CS	No	1250	41.7	12.00	Author
Sony	SW7600GR	No	1165	38.8	12.89	Author
Degen	DE108	No	810	27.0	18.52	Author
Degen	DE1103	No	780	26.0	19.23	Author

