

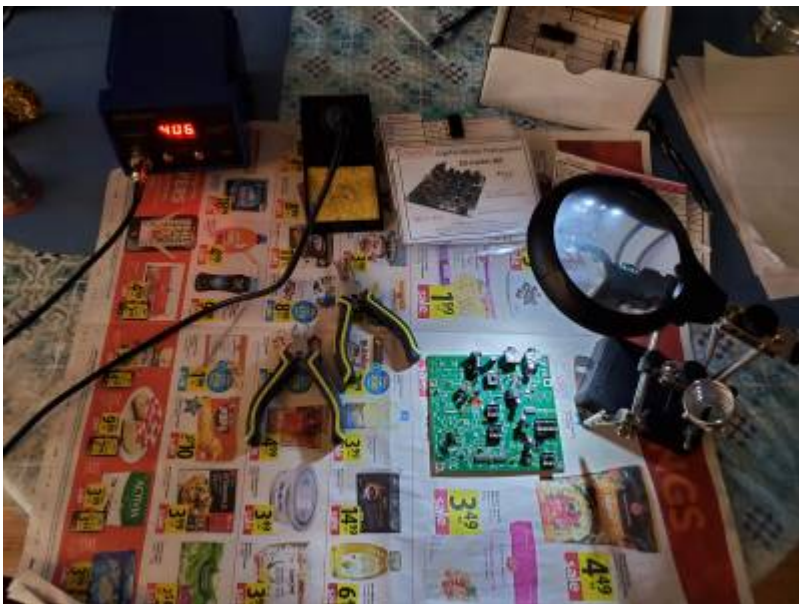
# Phaser Digital Mode Transceiver Kit

This is a link to the Web Page for the Digital Transceiver Kits I am building ( 20 M and 40 M ) it looks like a really fun project, they have a discussion group too which is quite interesting to follow as it gives a community feel to the whole project, I am hoping to receive the 20 M one soon and will try to take photos and do a little write up on it for our website. <https://midnightdesignsolutions.com/phaser/>

Just a quick update, I received my 20 M and 40 M kits, finished assembling and testing the 20 M kit, worked right away, quite impressive I made contacts immediatly including one to Japan all using just under 4 watts!

Definitely a worthwhile project and quite a bit of fun to build and use, price for the kits is \$55 USD with \$20 shipping so a budget way to run digital modes for around \$100.

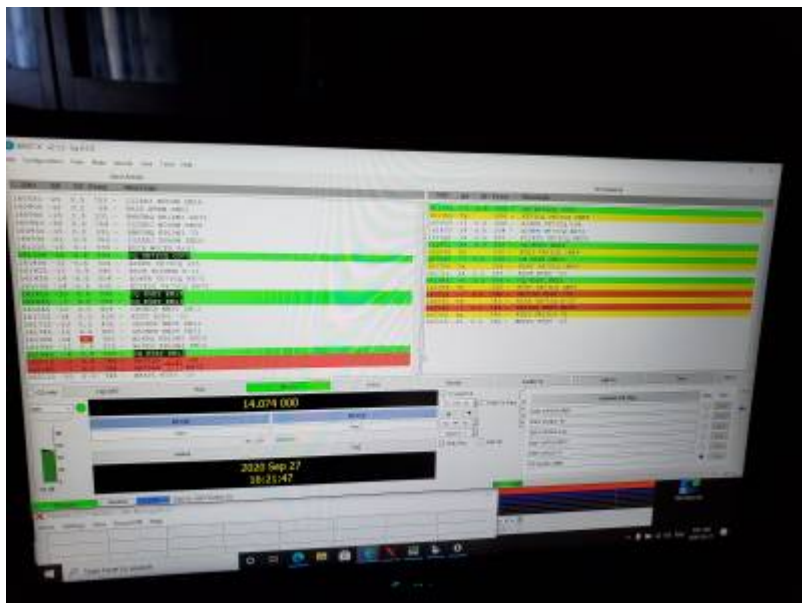
I will add some more content in the coming days.



Starting assembly.



Testing the receive stage of the build.



First contact made.



Finished assembly of board.

#### 1000 Miles/Watt Club

S/N	CALLSIGN	NAME	QTH	Comments
268	W0BM	Cahill, Pat	17m	Australia, 9456.9 miles @ 3 watts - <b>about 3150 miles per Watt</b>
818	EC3AM	Stapronski, Dave	20m	US76V 4875 Miles with 3 watts
578	N5GFM	Wills, Jesse	20m	Montenegro, 3.2 watts, 5077 mi
687	AB4BA	McDowell, Brad	20m	W16S (3364 miles) and Q55W (5066 mi)
518	KT1DX	Hoggenrich, Joe	20m	Worked Italy which was 2852 miles from my QTH using 3.3 W
267	VA3JAW	Woodruff, Al	20m	Toronto to Alabama at 300mV... >2000 miles per watt!
387	W0DM	James, Bill	20m	W16S with 3 watts for 4864 mi, and Q55C for 5049 mi and using PTH worked 40PCS for 4888 mi.
748	N4BP	Pattee, Bob	20m	W1210 5+05 8-14, 8851 mi, <b>3117 miles per Watt</b>
778	K8CVR	Deneault, Skip	20m	7/15/2020 - Q55WQW Grid 1M8BY Aurife 4068 miles and 151XA Grid J679ex Slovenia 4108 miles 4 watts
828	VA7ILO	Cookson, Nick	20m	JP3NHO (Netherlands also Phaser) 4682 miles, power out being 3.3 watts so 4682/3.3 = <b>1,337 miles/watt</b>
666	W1WVA	Barton, Jesse	30m	Q51WCF at 4359mi with 4 watts
667	W0BM	Cahill, Pat	80m	Q55AS, W027.8 miles @ 3 watts - about 2000 miles per watt
836a	N3AAZ	Kirby, John	30m	NT6 <- PM18 = <b>4429 miles/watt</b>
555	K0BYEV	Turner, Delight	40m	I have already talked 8,000 miles (confirmed) with the 4 Watt 40 Meter Phaser: <b>2000 miles/watt</b>
538	K8WV	Van Tol, Andy	80m	Q55 with Q5CCZ: Phaser 25.85, 6652 miles to England on 4 watts, 60 m band

It appears mine is making some history, Phaser from Canada to Phaser in Japan!

<https://midnightdesignsolutions.com/phaser/Registry.html>

73

Nick VA7ILO