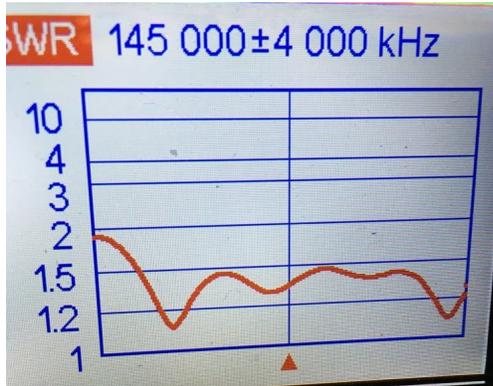


South Los Angeles DCS Antenna Performance

12 March 2018

Operating positions are numbered left to right.

Position 1, Icom ICOM 2200H, 2m



No measurements were made on the other bands. Perhaps 440 should have been done on the antenna (coax #7) for future reference for adding a duplexer to support a UHF radio.

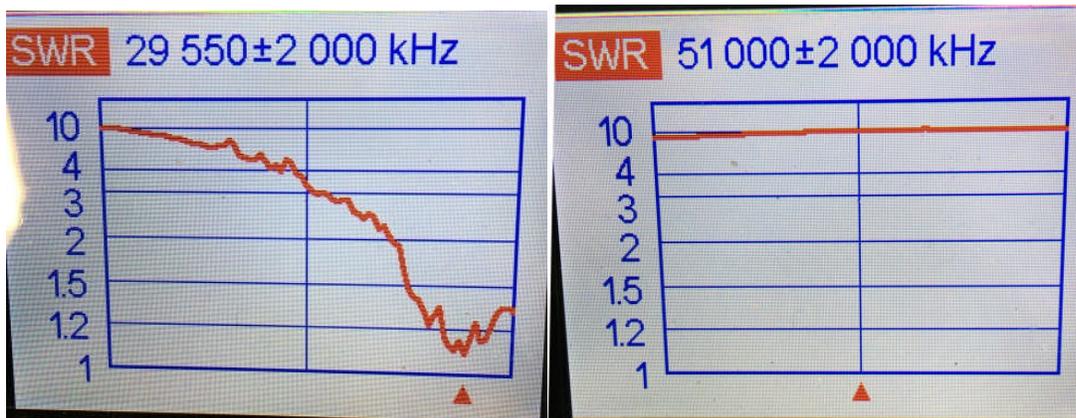
Conclusion: 2m operation with the IC-2200H should be good.

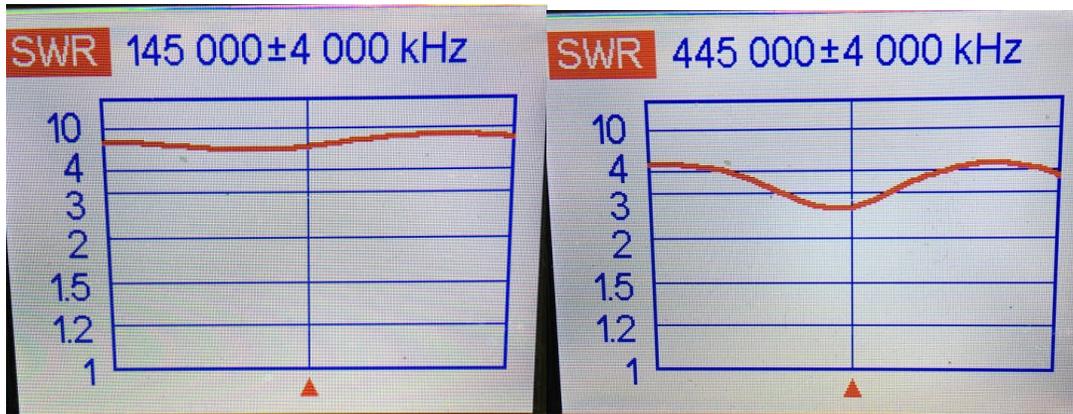
Position 2, Motorola CDM 1550, VHF

No measurements on this antenna (coax 6) were made because we didn't have an appropriate jumper cable.

Conclusion: Radio and antenna appear to operate well.

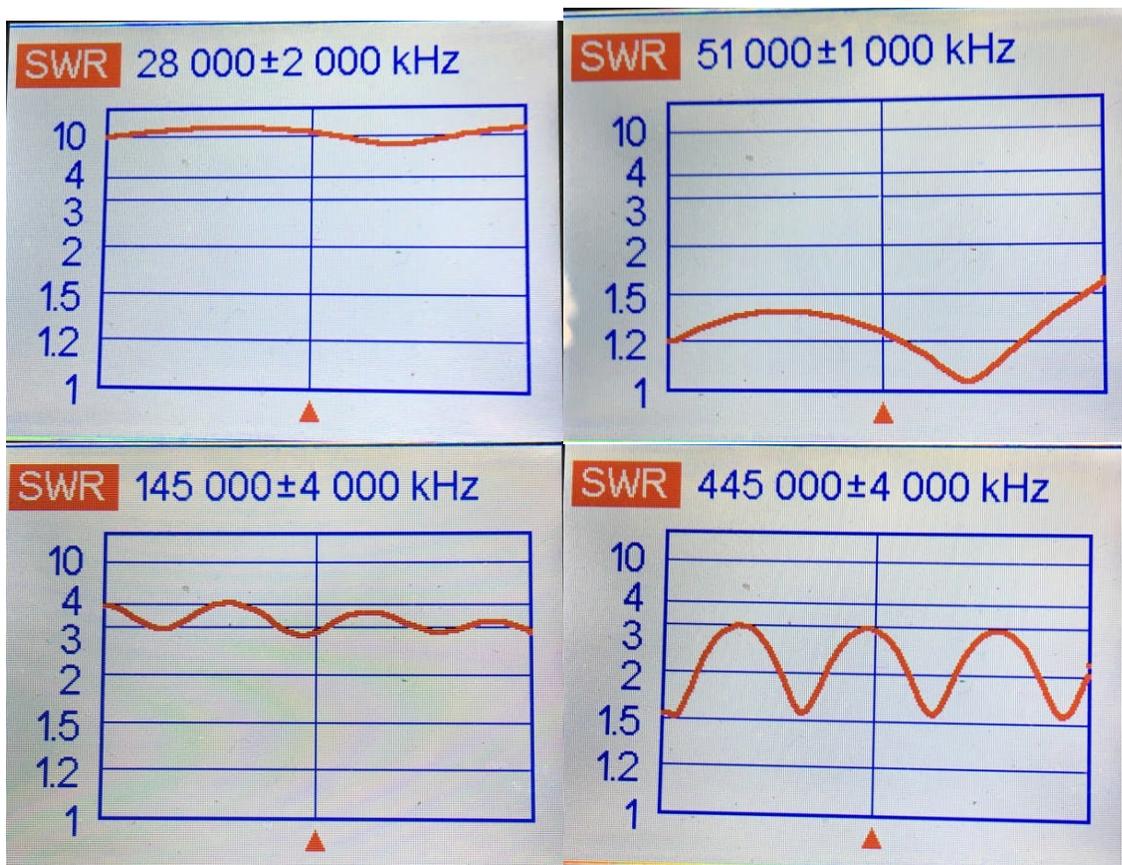
Position 3, FT8900, 10m/6m/2m/440 with 10m Antenna





Conclusion: Until the full complement of antennas are installed to permit 4 band operation, this radio is limited to 10m on the left and 440 on the right.

Position 4, FT8900, 10m/6m/2m/440 with 6m Antenna



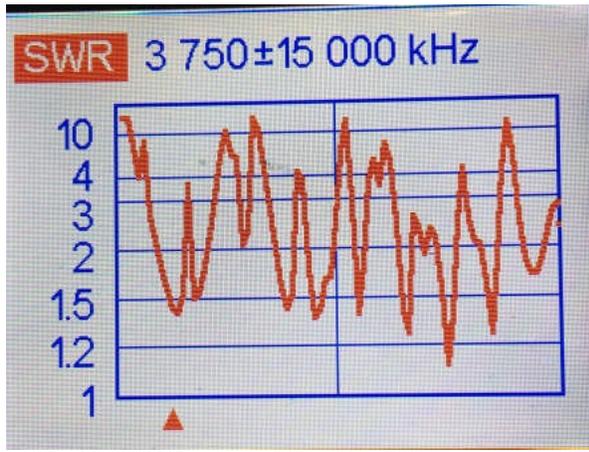
Conclusion: Until the full complement of antennas are installed to permit 4 band operation, this radio is limited to 6m on the left and 440 on the right.

Position 5, DR235, 220

This antenna was overlooked for some reason. These measurements should be made. We attempted to do too much that night.

Conclusion: Radio appears to work well on 220 including simplex contacts.

Position 6, FT897, HF/2m/440 with HF trap vertical



This appears to show the points where the traps are resonant on the antenna. More careful measurements are required.

Nothing was connected to the VHF/UHF port on the radio.

Conclusion: Radio should work OK on HF, but no attempts were made to make any contacts. Adding a dual band 2m/440 antenna would allow the radio to fulfill its capability on all of the bands it supports.