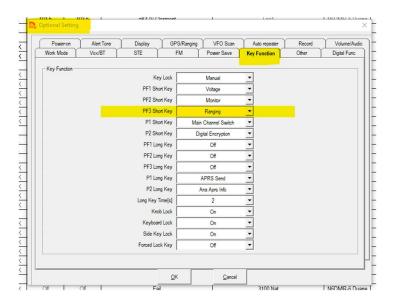
Anytone radios are capable of receiving distance and direction location data between two AnyTone radios while in Simplex mode. This feature is relatively easy to setup and use.

1.) In the Optional Setting menu -> Key Function Tab you select a function key and set it to Ranging. This is the activation key you will use to do a Range request.



- 2.) To use the Ranging feature, you need to program the same Simplex channel frequencies and settings in both radios.
  - a. This can be a UHF, VHF or 220 Band frequency.
  - b. Use the standard Digital Simplex Talk Group (TG) of 99, set as a group call.
  - c. Set the DMR Mode on all channels to Simplex.
  - d. Tune both radios to the same channel.

23	223.50000	223.00000	D-Digital	Low	12.5K	Off	Off	Dig 220 Simplex	Dig Simplex TG99	N6DMR-6 Duane	Off	
24	446.50000	446.50000	D-Digital	Low	12.5K	Off	Off	Dig UHF Simplex	Dig Simplex TG99	N6DMR-6 Duane	Off	
25	146.50000	146.50000	D-Digital	Low	12.5K	Off	Off	Dig VHF Simplex	Dig Simplex TG99	N6DMR-6 Duane	Off	

- 3.) The Transmitting radio can be queried for a Ranging request by Receiving radio immediately after the transmission ends by selecting the Ranging Function Key. This must be done fairly quickly within the Group call hold timing and before the Transmitting radio is keyed (PTT) again.
- 4.) See the following pages for detailed examples of the three channel settings.

