6. Supplement

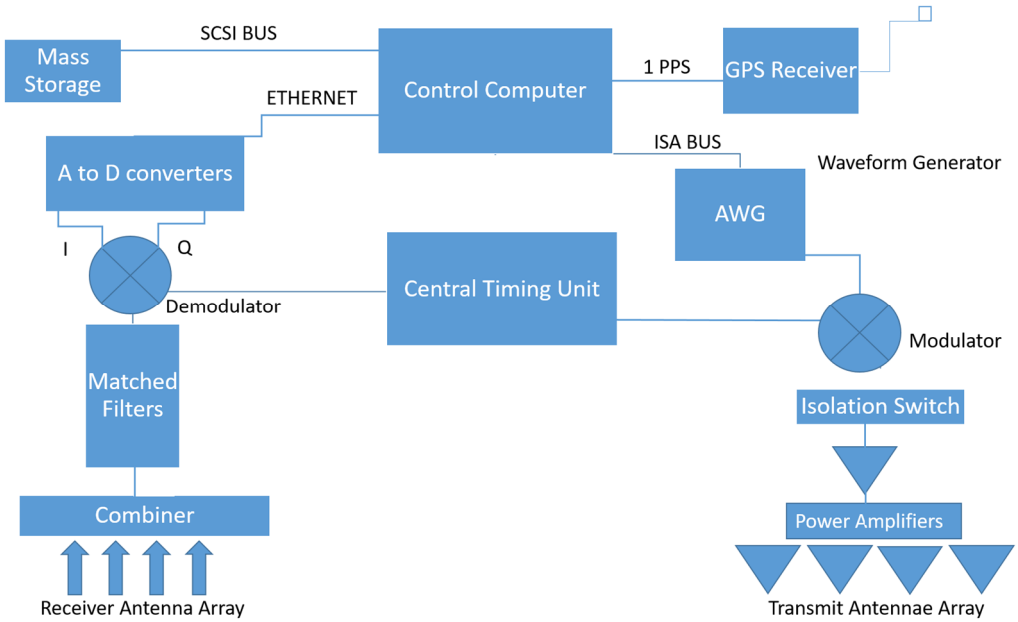

Figure S1. Digitised version of the diagram describing the set-up for the "BAS-built" radar system (Corr and Popple, 1994).

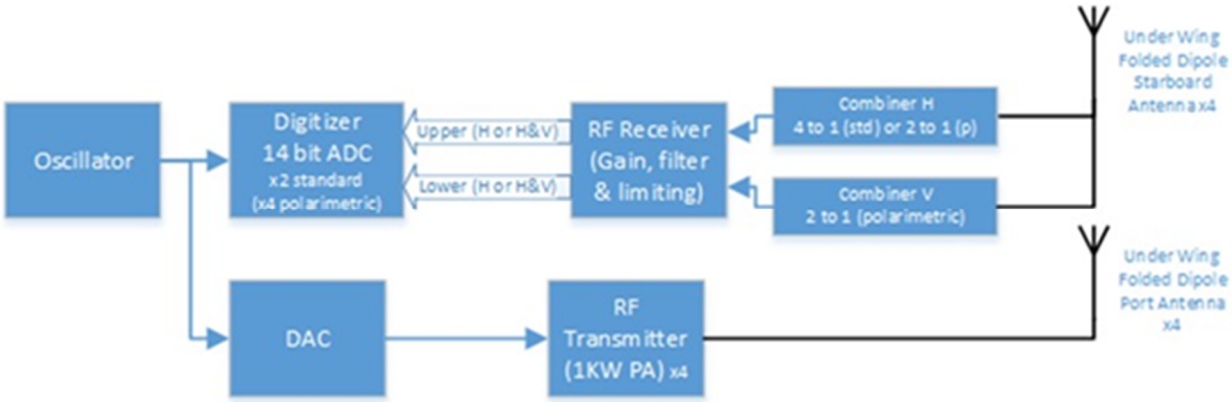

Figure S2. Diagram describing the set-up for the PASIN-1 radar system.

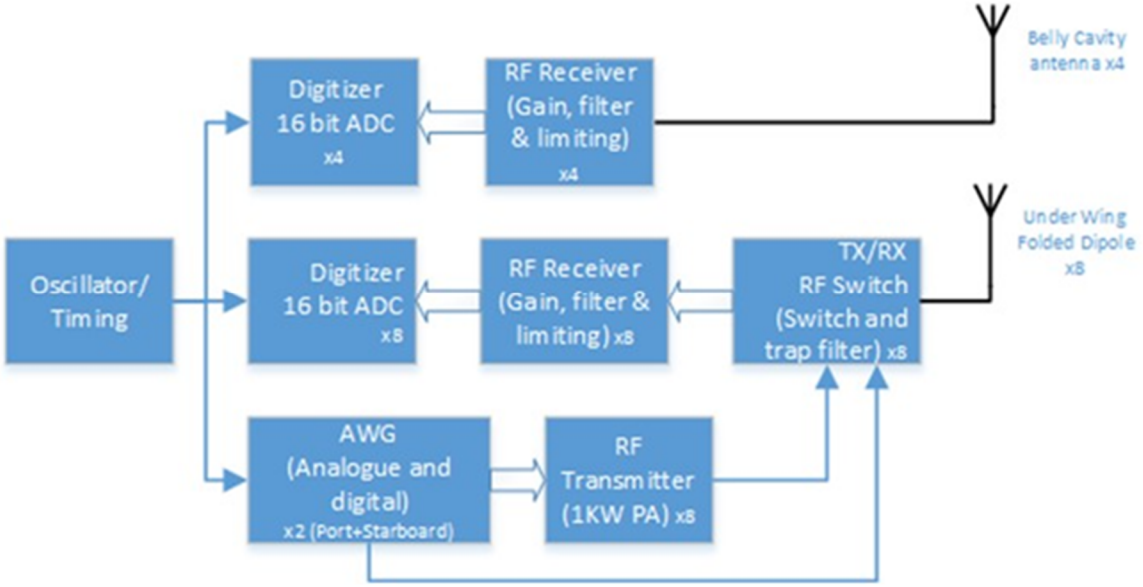

Figure S3. Diagram describing the set-up for the PASIN-2 radar system.

Table S1: PASIN-2 Radar Transmit (Tx) and Receive (Rx) Description. "*" indicates Tukey-weighted.

Waveform type (frame uS*)	Port	Starboard
1. 0 to 64uS	Tx 4uS chirp*, Rx for remaining frame	Rx full frame
2. 64uS to 128uS	Rx full frame	Tx 4uS chirp*, Rx for remaining frame
3. 128uS to 192uS	Tx 4uS chirp* 180° out of phase with waveform 1, Rx for remaining frame	Rx full frame
4. 192uS to 256 uS	Rx full frame	Tx 4uS chirp* 180° out of phase with waveform 2, Rx for remaining frame
5. 256uS to 320 uS	Tx 1uS chirp* (15dB down), Rx for remaining frame	Rx full frame