

System and apparatus for processing a received Vestigial Sideband (VSB) modulated datastream containing high definition video data represented by a VSB symbol constellation, said data having a data frame format constituted by a succession of data frames comprising a field sync component prefacing a plurality of data segments, apparatus comprising: an analog-to-digital converter (19) for converting said received VSB data stream to digital form; a digital demodulator (22) for demodulating an output signal from said converter to produce a demodulated signal; a digital phase control network (324-326) included in said demodulator; and a data reduction network (330, 332) included in said phase control network.