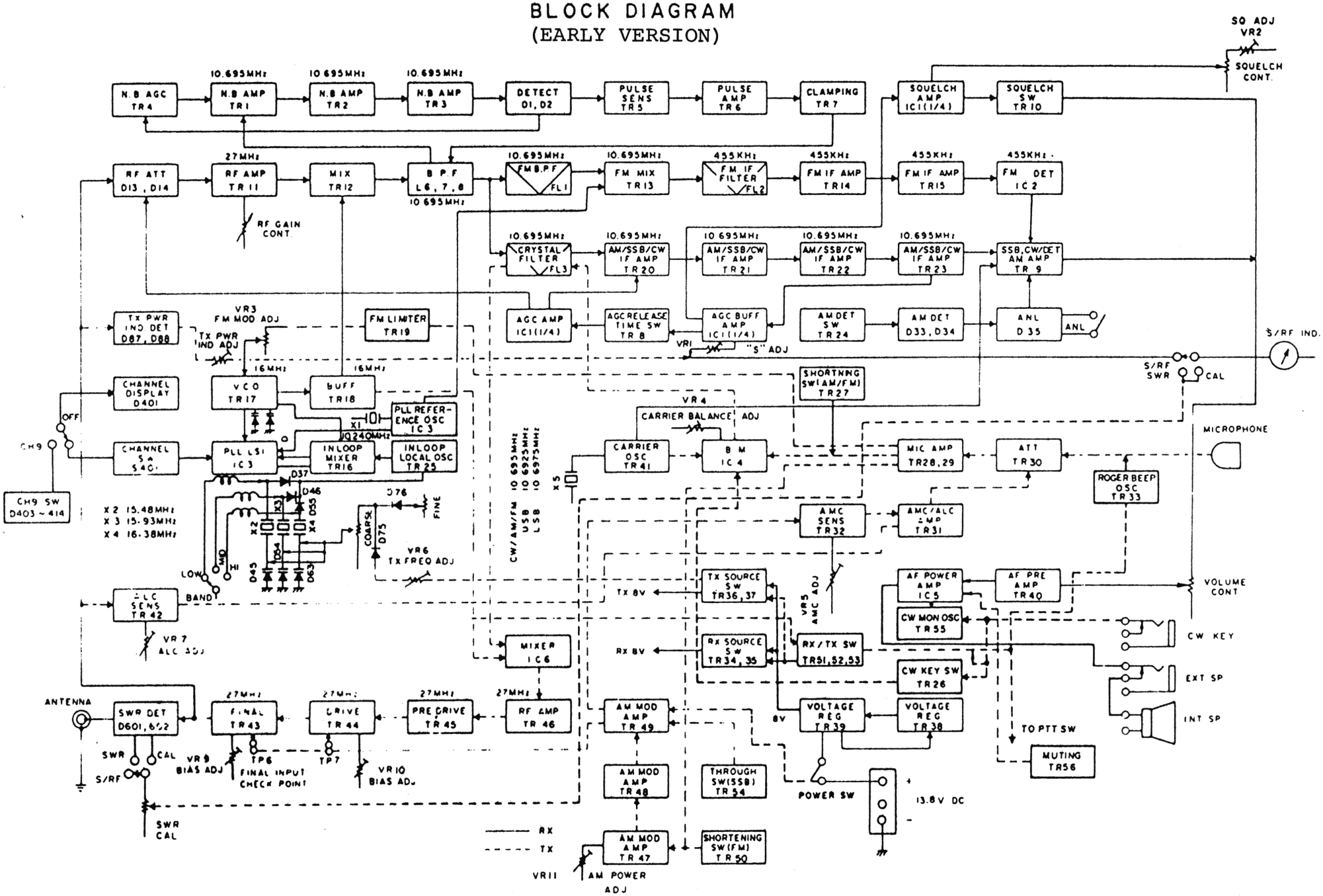BLOCK DIAGRAM
(EARLY VERSION)