

NECESSARY BANDWIDTH DESCRIPTION

For the STAR-6 Airborne Radar System

The STAR-6 airborne radar system occupies a 3 dB bandwidth of 135 MHz, centered at 9.605 GHz. In other words, the signal level is at least 3 dB below its average value at frequencies beyond ± 67.5 MHz from the center frequency. Emissions are below -40 dB at frequencies beyond ± 125 MHz from the center frequency. The occupied bandwidth has been verified through spectrum analyzer measurements.