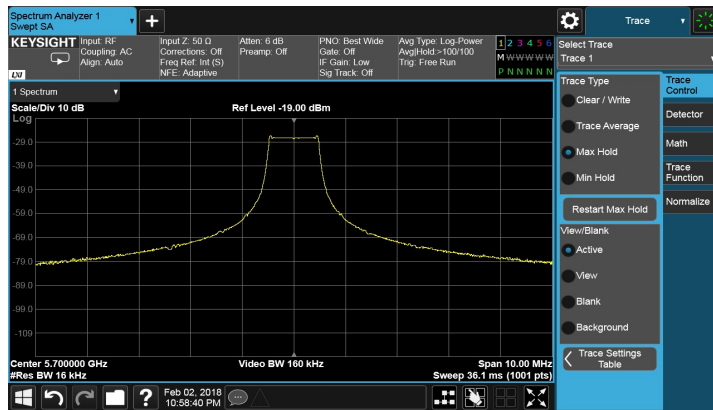


NECESSARY BANDWIDTH DESCRIPTION

Radars Demos:

These transmissions are emulating different radars. An experiment will be conducted to see if a satellite can detect different radar signals. An example 10 MHz radar waveform is shown below:



Comms Demos:

MITRE is conducting a set of experiments to evaluate an experimental satellite payload. Varying data rates are required to identify the limiting bandwidth of the satellite payload. In addition, adjacent frequencies (rows 60, 66-68) will be used to test frequency hopping sequence of for communication using an SDR.