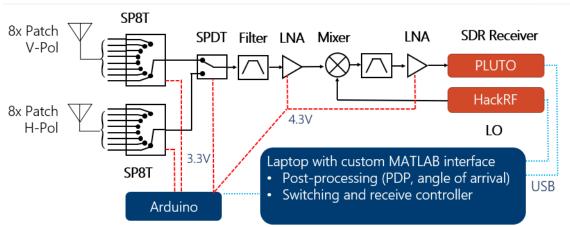
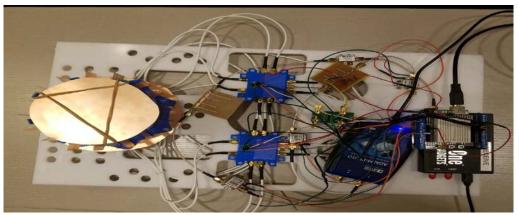
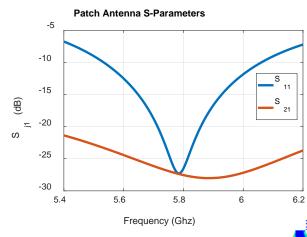
SDR Based Switched-Array Channel Sounder for 5.8GHz ISM Band Rob Jones, Joseph Diener, Joshua Kast

Radiating Patch

- SDR based switched-array channel sounder, offering directional and polarimetric information
- Designed for 5.8GHz ISM band to support cost-effective, mobile channel sounding
- System cost: <1500\$</p>







Alignment

Holes

Solder blob

Right-angle

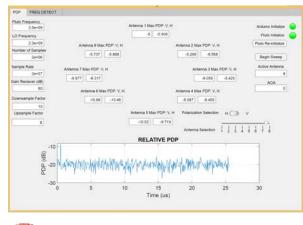
SMA connector











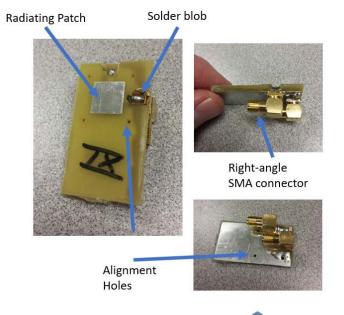


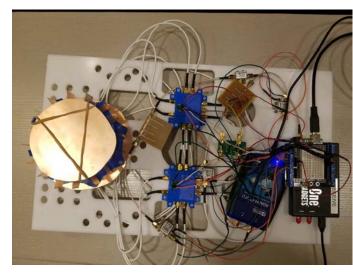
ELECTRICAL ENGINEERING

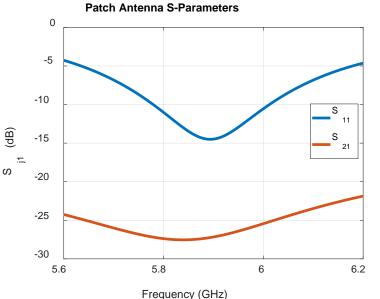
1

SDR Based Switched-Array Channel Sounder for 5.8GHz ISM Band Rob Jones, Joseph Diener, Joshua Kast

- SDR based switched-array channel sounder, offering directional and polarimetric information
- Designed for 5.8GHz ISM band to support costeffective, mobile channel sounding
- System cost: <1500\$</p>







ELECTRICAL ENGINEERING

OLORADO SCHOOL OF MINES







