

CHAPTER VI

CONCLUSION

The impedance of the cylindrical stub antennas are smaller than the theoretical results. This is because of the capacitance at the region of the input terminal. The field patterns obtained from the experiments are fairly good agreement with those obtained from theoretical analysis, except the values of the field strength at the null regions are remarkably large. This is because of the harmonic current, unbalance feeder, stray current at the input region, the minor loops (for distance of array $> 0.5 \lambda$). However, the field patterns obtained, are good enough to be applied to the actual work, The result from this thesis will be useful and may be served as a potential guidance for any work of stacked cylindrical antennas.