

**BEAMFORMING USING SUBSTRATE INTEGRATED
WAVEGUIDE (SIW) TECHNIQUE ON 24 GHz FMCW RADAR
FOR BREATH DETECTION**

A THESIS SUBMITTED TO
THE SCHOOL OF ELECTRICAL ENGINEERING

Arranged by:

SUISBIYANTO PRASETYA

2101221018



**Universitas
Telkom**

IN PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR THE DEGREE
OF MASTER OF ENGINEERING

**GRADUATE SCHOOL OF ELECTRICAL ENGINEERING
TELKOM UNIVERSITY**

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