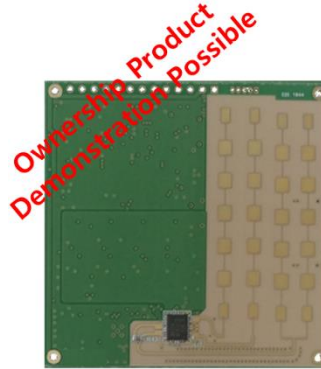


	<h1>Engineering Specification</h1>	페이지: 1 / 2
작성일자: 2020.05.21	ADR_01 Specification	작성자 : 라승탁

[ADR_01] Features

- 24GHz K-band radar
- One board solution
- Include antenna and DSP module
- GPIO, UART, I2C interface
- Customer friendly output
- Easily use
- CW / FMCW radar
- Angle, Distance, Speed



[ADR_01] Applications

- Lighting Control
- Intrusion Detection
- Indoor Automation
- Movement Detection

	<h2>Engineering Specification</h2>	페이지: 2 / 2
작성일자: 2020.05.21	ADR_01 Specification	작성자 : 라승탁

[ADR_01] Specification

Features	
Project name	ADR_01
Hardware size	70 x 70 mm
Transmit frequency	24.05GHz ~ 24.25GHz
TX power	20 dBm
Antenna Gain	9 dBi
Beam width(NPBW)	Horizontal : 50° Vertical : 20°
Supply voltage / current	5 Vdc / 90 mA
Output signals	GPIO, UART, I2C
Operating temperature	-30 °C ~ 75 °C

Performance		
Detect distance	Range	Car : 30m
Angle	Range	50°