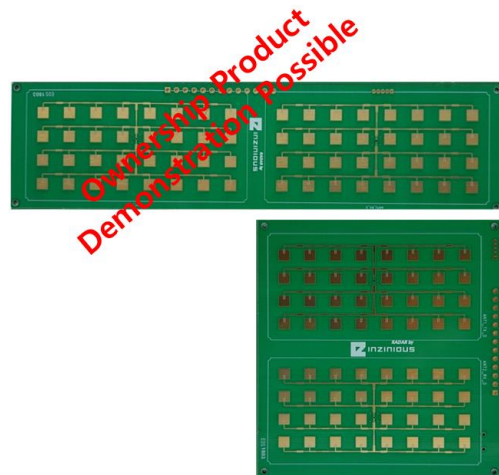
	<h1>Engineering Specification</h1>	페이지: 1 / 2
작성일자: 2020.05.21	DDR_01 Specification	작성자 : 라승탁

[DDR_01(Rectangle / Square type)] Features

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



[DDR_01] Applications

- General purpose movement detectors
- Security systems
- Object speed measurement systems
- Industrial sensors

	<h1>Engineering Specification</h1>	페이지: 2 / 2
작성일자: 2020.05.21	DDR_01 Specification	작성자 : 라승탁

[DDR_01] Specification

Features	
Project name	DDR_01
Hardware size	141 x 32 mm / 78 x 73 mm
Transmit frequency	24.15GHz
IF outputs	Single - ended
TX power	20 dBm
Antenna Gain	9 dBi
Beam width(NPBW)	Horizontal : 12° Vertical : 25°
Supply voltage / current	5 Vdc / 300 mA
Output signals	GPIO, UART, I2C
Operating temperature	-30 °C ~ 75 °C

Performance		
Detect distance	Range	Car : 100m

[DDR_01] Antenna Pattern

