

Teknopalas-T21E

Air interface protocol	Operational frequency	Tag dimensions
EPC Global Class1 Gen2 ISO 18000-6C	Global 860-960MHz	50 x 30 mm / 1.97" x 1.18"

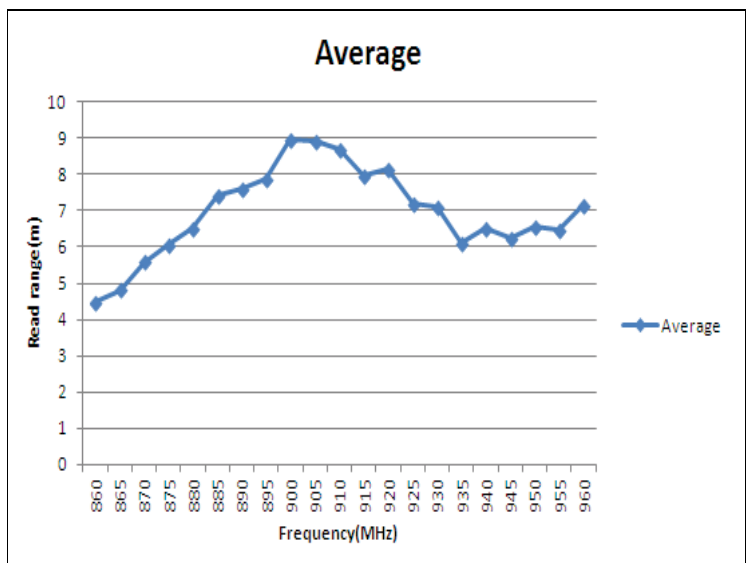
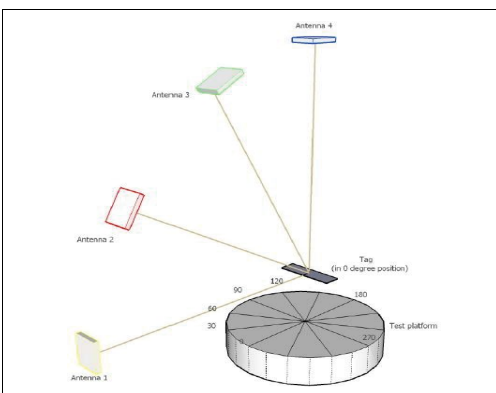
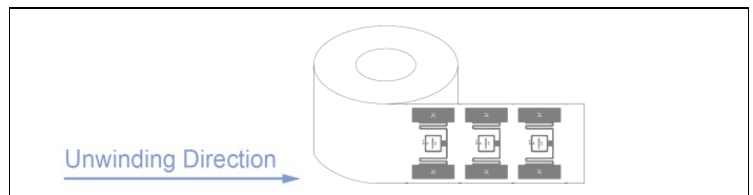
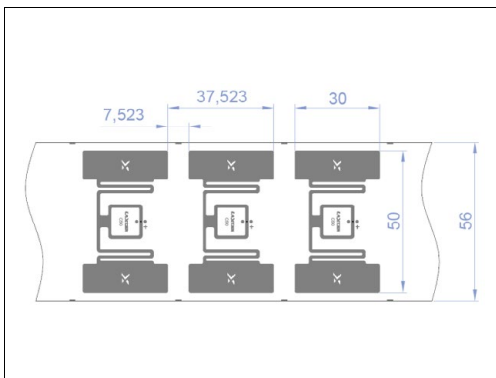
MECHANICAL SPECIFICATION	
Substrate	PET
Weight	1g / pc
Delivery format	5000 pcs on reel
Pitch on reel	37.523 mm / 1.48" IC
Reel core inner diameter	76 mm / 3"
Tag dimensions	50 x 30 mm / 1.97" x 1.18"

Electrical Specification

Device type	Class 1 Generation 2 passive UHF RFID transponder
Air interface Protocol	EPC Global Class1 Gen2 ISO 18000-6C
Operational Frequency	Global 860-960MHz
IC type	Monza 5 (In addition to the special requirements)
Memory configuration	EPC 128 bits; Unique TID 48 bits; User Memory 32 bits
Read range	Up to 6 m / 19.69 ft

Environmental Resistance

Operating temperature	-20°C~80°C / -4°F~176°F
Ambient temperature	-20°C~80°C / -4°F~176°F
Storage condition	2 year at +20°C / 50%RH
Expected lifetime	2 years in normal operating conditions



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