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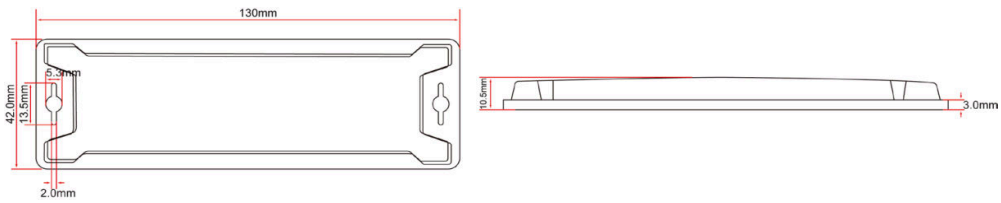
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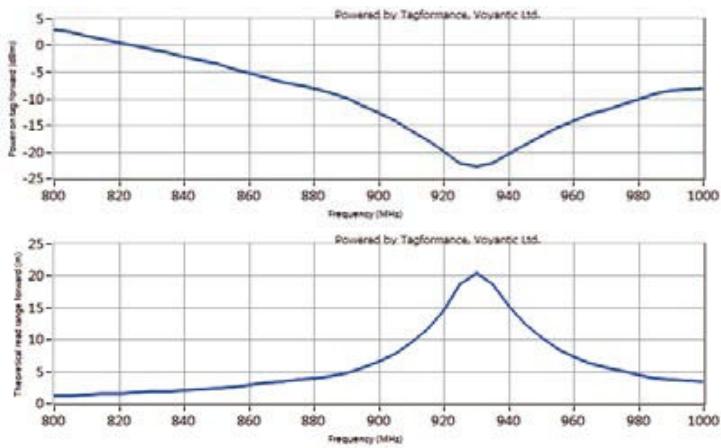
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EM-T43 SPECS---Long Range UHF RFID Anti-metal Tag

Physical Characteristics	
Dimensions	130.0 x 42.0mm; thickness: 10.5mm
Weight	About 45g
Material	PC
Colour	Black (Red, Blue, Green, White)
Mounting Methods	Screw, adhesive, Cable tie
Communication	
RFID	RFID
Barcoding	
Not support	
RFID	
Frequency	US(902-928MHZ), EU(865-868MHZ)
Protocol	ISO18000-6C (EPC global UHF Class 1 Gen 2)
IC type	Alien Higgs-3
Memory	EPC 96bits (Up to 480bits), USER 512bits, TID 64bits
Write Cycles	100,000 times
Functionality	Read/write
Data Retention	50 Years
Applicable Surface	Metal Surfaces
Read range(Fix Reader):	30M - (US) 902-928MHz, 28M - (EU) 865-868MHz, On Metal 16M - (US) 902-928MHz, 14M - (EU) 865-868MHz, Off Metal
Read range(Handheld Reader):	22M - (US) 902-928MHz, 22M - (EU) 865-868MHz, On Metal 11M - (US) 902-928MHz, 11M - (EU) 865-868MHz, Off Metal
Other functions	
Not applicable	
Developing environment	
SDK	support
User Environment	
IP Rating	IP68
Operating Temp.	-30°C to +80°C
Storage Temp.	-40°C to +100°C
Humidity	5% RH - 95% RH non condensing
Accessories	
Not applicable	



U1 (US) 902-928MHz:



E1(EU) 865-868MHz:

