

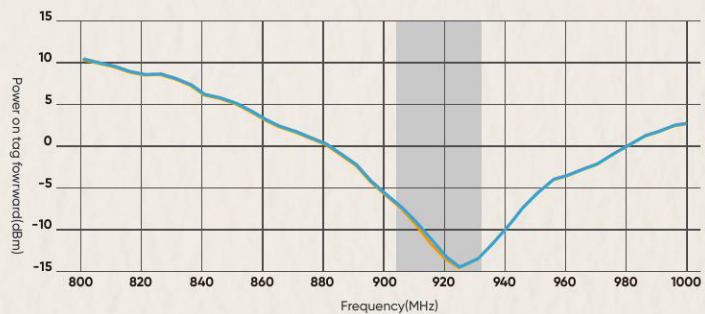
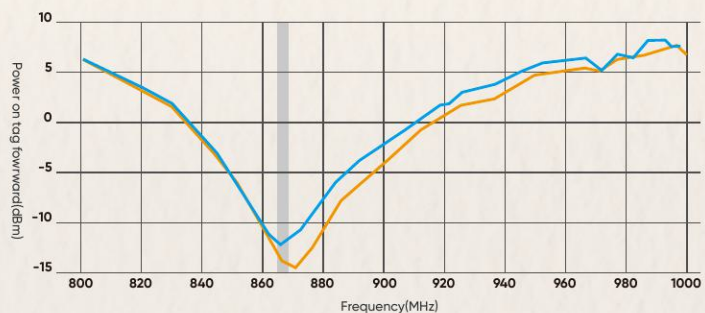
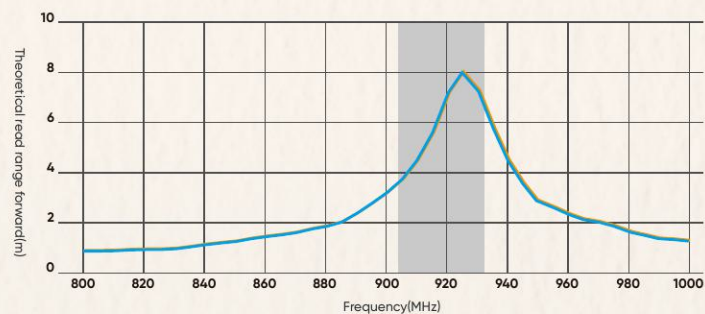
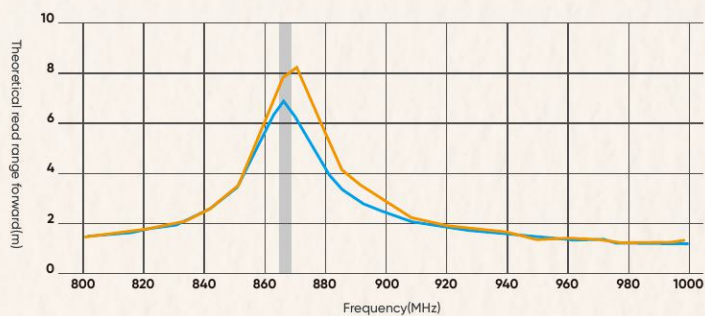


SKU:	RS-H4-OMHTM-4215
Chip Type:	Alien® Higgs® 4
Frequency:	UHF (US)902-928 MHz, UHF (EU)865-868 MHz
EPC Memory:	128 bits
User Memory:	128 bits
Max. Read Range (2W ERP FCC):	6.8 m on metal, 4 m off metal
Max. Read Range (2W ERP ETSI):	7 m on metal, 3.5 m off metal
IP Rating:	IP68
High-Temperature Resistant:	+150°C
Protocol:	ISO/IEC 18000-63, EPC Class 1 Gen 2
Industry:	Manufacturing, Supply Chain, Logistics, Oil and Gas
Applications:	Asset Tracking, Inventory Management, Supply Chain Optimization

Alien® Higgs® 4 Heat-Resistant UHF On-Metal Tag

This UHF on-metal tag, designed to withstand high temperatures, boasts a sturdy build made from heat-resistant materials and carries an IP68 rating, ensuring reliable performance even in extreme environments.

Equipped with the Alien® Higgs® 4 chip, this tag facilitates asset tracking, inventory management, and enhances supply chain efficiency across multiple sectors.



Physical Information	Material	Heat Resistant Material
	Size	42×15 mm (Hole: Ø4 mm×2)
	Tag Color	Black
	Tag Weight	3.5 g
	Tag Thickness	2.1 mm without IC bump, 2.8 mm with IC bump
	Operating Environment	-40°C~+150°C(working in 180°C for 10 hours)
	Storage Environment	+18°C~+28°C
	Mounting Method	Adhesive, Screw
	Surface	Metal
	IP Rating	IP68

Technical Information	Operating Frequency	(US)902-928 MHz, (EU)865-868 MHz
	Communication Protocol	ISO/IEC 18000-63, EPC Class 1 Gen 2
	Chip Type	Alien® Higgs® 4
	EPC Memory	128 bits
	User Memory	128 bits
	TID Memory	64 bits
	Read Range (Fix Reader)	865-868 MHz(EU): 7 m on metal, 3.5 m off metal 902-928 MHz(US): 6.8 m on metal, 4 m off metal
	Read Range (Handheld Reader)	865-868 MHz(EU): 5.5 m on metal, 2.2 m off metal 902-928 MHz(US): 5.3 m on metal, 2.7 m off metal
	Security Features	32-bit access and 32 bit kill passwords, anti-cloning, dynamic authentication, anti-counterfeiting technology

● **Performance and Illustrations:** Graphs and visuals are for reference only; actual product performance may vary depending on usage and environment.
 ● **Storage and Handling Guidelines:** Follow standard ESD-safe storage and handling procedures to maintain product integrity and avoid damage.
 ● **Product Updates and Revisions:** [rfidbridge.com](https://www.rfidbridge.com) may change products, specs, or services at any time without prior notice.
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