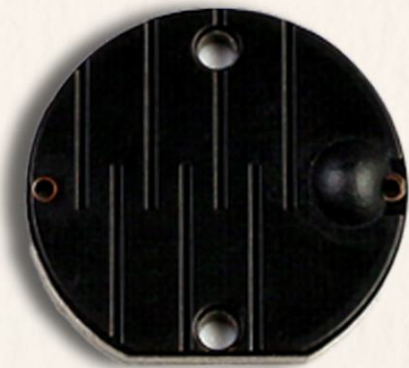


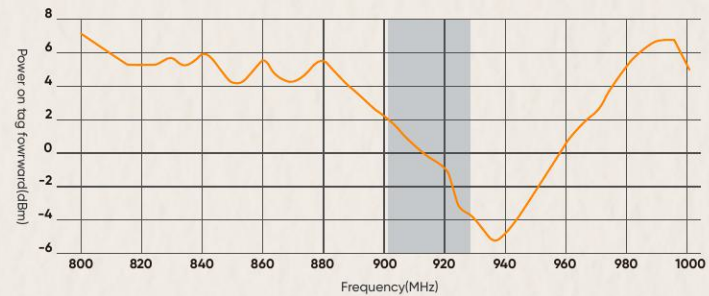
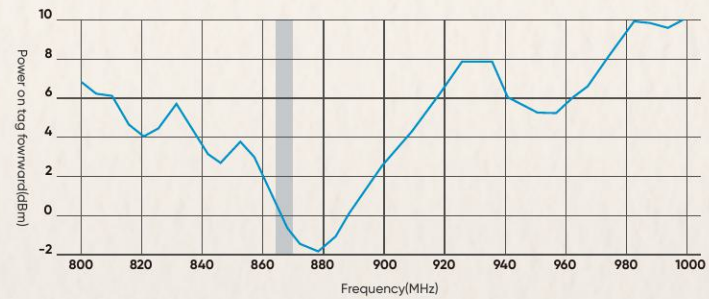
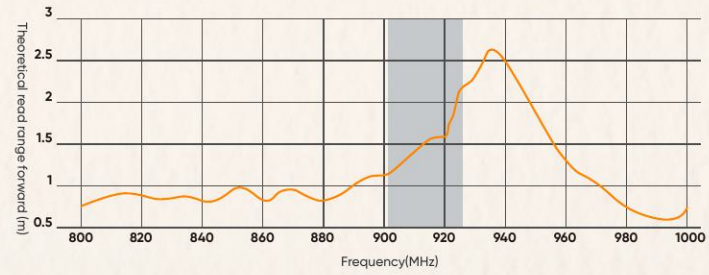
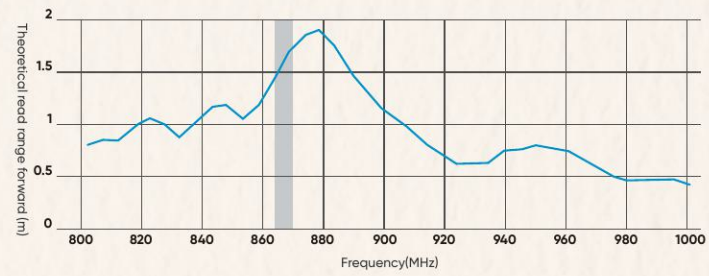


SKU:	RS-H4-OMHTM-D20
Chip Type:	Alien® Higgs® 4
Frequency:	UHF (US)902-928 MHz, UHF (EU)865-868 MHz
EPC Memory:	128 bits
User Memory:	128 bits
Protocol:	ISO/IEC 18000-63, EPC Class 1 Gen 2
Max. Read Range:	2.7 m on metal
IP Rating:	IP68
High-Temperature Resistant:	+150°C
Industry:	Automotive Manufacturing, Metal Processing, Glass Manufacturing, Outdoor Infrastructure
Applications:	Asset Tracking, Inventory Management, Equipment Tracking

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

This robust round UHF on-metal tag is constructed from high-temperature materials and features an IP68 rating, guaranteeing dependable performance in even the most extreme conditions.

Fitted with the Alien® Higgs® 4 chip, this tag enhances asset tracking and boosts inventory management efficiency in sectors such as automotive, metal processing, glass manufacturing, and challenging outdoor environments.



Physical Information	Material	High Temperature Material
	Size	Diameter 20 mm(Hole: Ø2 mm×2)
	Tag Color	Black
	Tag Weight	1.0 g
	Tag Thickness	2.1 mm without IC bump, 2.8 mm with IC bump
	Operating Environment	-40°C~+150°C(working 10 hours in 180°C)
	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
	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): 2.7 m on metal 902-928 MHz(US): 2.5 m on metal
	Read Range(Handheld Reader)	865-868 MHz(EU): 1.4 m on metal 902-928 MHz(US): 1.2 m on metal
	Security Features	32-bit access and 32 bit kill passwords, anti-cloning, dynamic authentication, anti-counterfeiting technology, (Perma)LOCK™

● **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 may change products, specs, or services at any time without prior notice.
 ● **General Use Disclaimer:** Products are for general-purpose use and not intended for safety-critical or life-support applications.
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