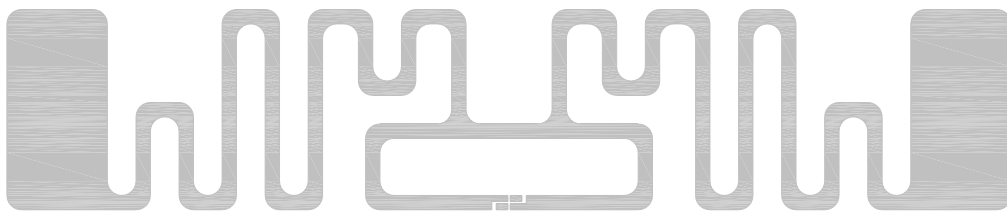


# YTG-150

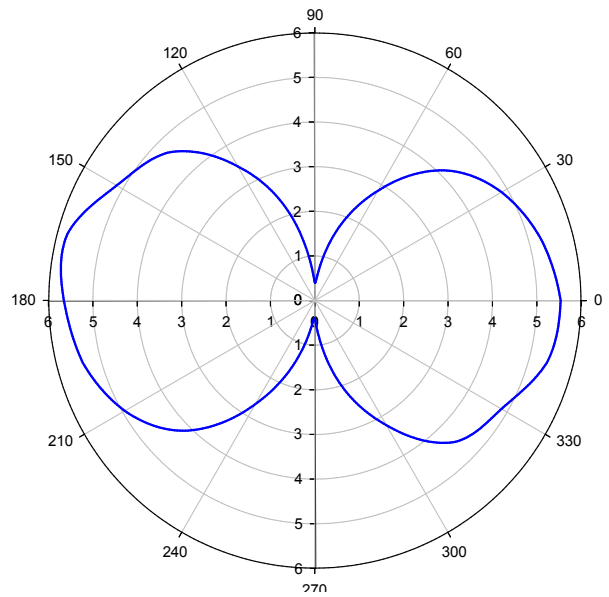
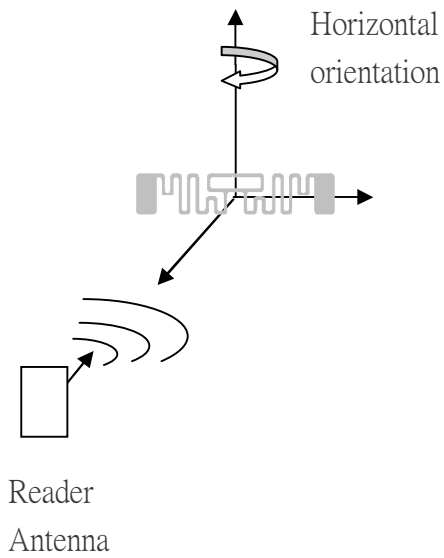
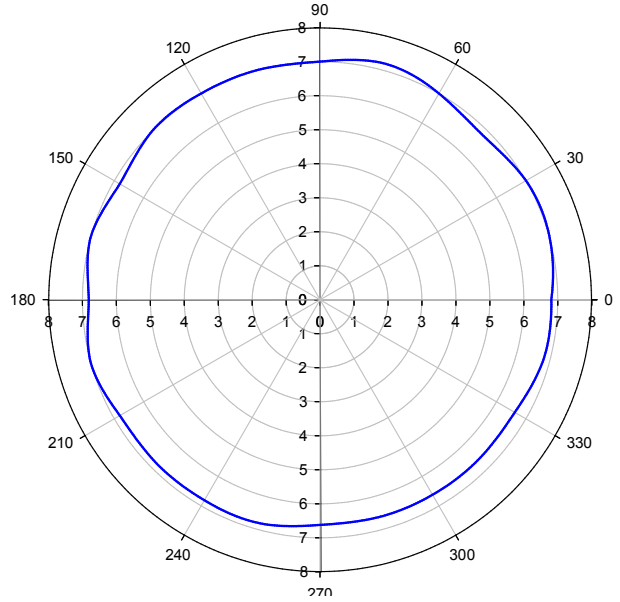
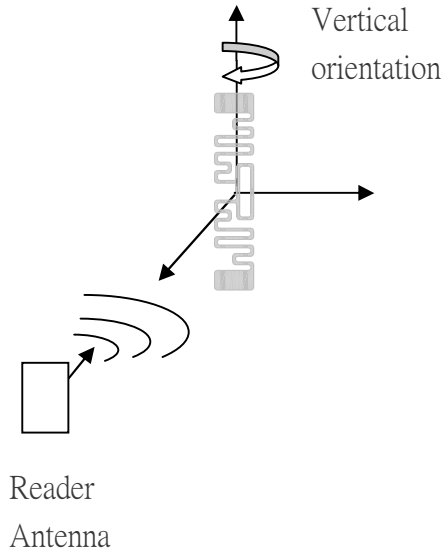
## RFID UHF Tag Data Sheet

<b>Tag Classification</b>	General Tag	
<b>Compliance Standard</b>	EPC Class1 Gen2	
<b>Operating Frequency</b>	860-960 MHz	
<b>Operating Mode</b>	Passive	
<b>Manufacture</b>	Aluminum etching	
<b>Antenna Dimension</b>	70 mm × 14 mm	
<b>Wet inlay Dimension</b>	74 mm × 18 mm	
<b>Storage Temperature</b>	-40 to 85 °C Non-condensing	
<b>Operating Temperature</b>	-40 to 65 °C Non-condensing	
<b>Recommended Storage</b>	+25°C @ 40%RH	
<b>ESD (HBM)</b>	2,000 V	
<b>Read Distance <sup>1</sup></b>	up to 7.2 Meter	
<b>Chip IC type <sup>2</sup></b>	Impinj Monza 4	
<b>Memory</b>	<b>EPC <sup>3</sup></b>	Up to 496 bit
	<b>User <sup>3</sup></b>	Up to 512 bit
	<b>Password</b>	Kill / Access 64 bits



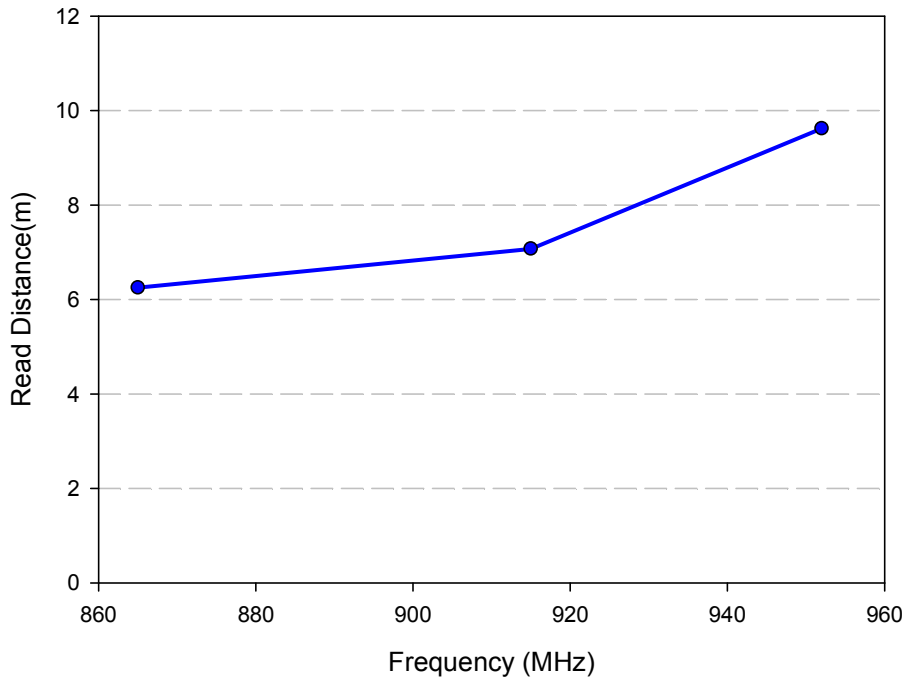
# YTG-150

## Wet inlay Orientation Sensitivity (Read range,M)



# YTG-150

YTG-150 Inlay Tested Read Distance



Note 1 The Read Distance is measured over free space with 4 watt EIRP, and it may be different in real applications. The below figures are orientation sensitivity patterns of horizontal and vertical.

Note 2 Available chip options with Impinj Monza 4 Tag chip family (4QT, 4E and 4D)

Note 3 Memory organization of Impinj Monza 4 Tag chip family (refer from Monza® 4 Tag Chip Datasheet)

Model	User Memory	EPC Memory		TID Memory	
		Private Mode	EPC_Public 96 bits EPC_Private 128 bits	Private Mode	Serial Number—48 bits Extended TID Header—16 bits Company/Model Number—32 bits
Monza 4QT	512	Public Mode	EPC_Public 96 bits	Public Mode	Company/Model Number—32 bits
				Serial Number—48 bits Extended TID Header—16 bits Company/Model Number—32 bits	
Monza 4E	128	496		Serial Number—48 bits Extended TID Header—16 bits Company/Model Number—32 bits	
Monza 4D	32	128		Serial Number—48 bits Extended TID Header—16 bits Company/Model Number—32 bits	