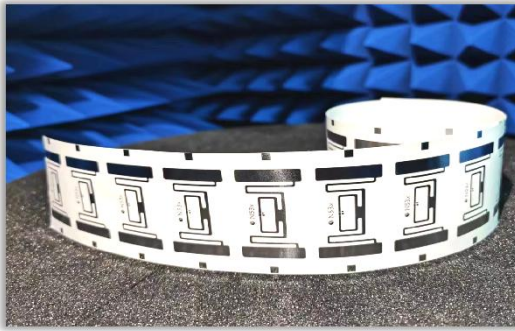


BSN N53x RFID Inlay

BSN RFID Product Spec Sheet



Overview

Frequency

860MHz-960MHz

Integrated Circuit (IC)

NXP Ucode 9

Antenna Size

50x30 mm

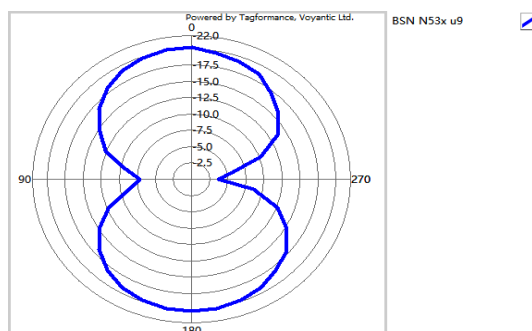
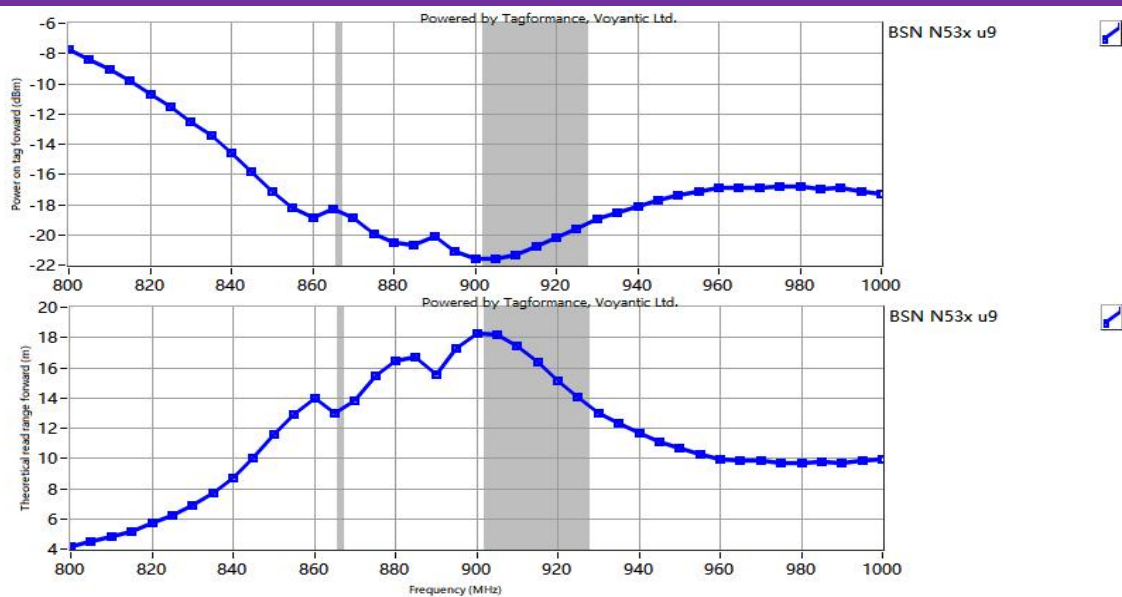
Protocol

ISO/IEC 18000-6C

Electrical Characteristics

Antenna	N53x (Laser Etched)		
Substrate	Dielectric Paper		
IC	NXP	Ucode 9	
Memroy	EPC	96Bits	Read &Write
	User	0Bits	——
	TID	48Bits	Read Only
	Unique TID	48Bits	Read Only
	Access Password	0Bits	——
	Kill Password	32Bits	Read &Write
IC Life	100,000 Programming cycles	50 years data retention	
Operating Mode	Passive		
BSN Certificate	ISO 9001:2015	ISO 14001:2015	ISO 45001:2018
ESD	Max. 2000V	Human being mode(HBM)	

Frequency Sweep



Care and handling:

RFID inlays are sensitive to ESD. Observe standard industry practices relating to electronics /RFID to keep environmental impact and static charge to a minimum.