

JOYA + A product with BT and WLAN

WLAN antenna	
Manufacturer	This antenna is a metal dual band Inverted F Antenna whose design is customized to fit mechanical constraints
Gain	Max Gain low freq: 3.5 dBi (2.4-2.5 GHz) Max Gain high freq: 3.7 dBi (5.15-5.85 GHz)

Old BT antenna	
Manufacturer	SPK electronics Co. LTD
Gain	2dBi Typical (2.4-2.5 GHz)
Type	ceramic

New BT antenna	
Manufacturer	Walsin
Gain	2dBi (2.4-2.5 GHz)
Type	ceramic

Validated alternative component for BT antenna (1)	
Manufacturer	Any
Specification	2dBi (2.4-2.5 GHz)
Type	ceramic

(1) an antenna from a different manufacturer with the same performances.