

Desktop WLAN & Bluetooth Antenna for 2.4 GHz

Version 2

SAA04-053750

Electrical Specification

Antenna	WLAN	BLUETOOTH
Frequency range	2400 MHz - 2500 MHz	2400 MHz - 2500 MHz
Peak gain ¹	3 dBi	-5 dBi
Average gain ²	0.5 dBi	-8 dBi
VSWR	2.0 : 1 Max.	2.5 : 1 Max.
Polarization	Linear, vertical	Linear, horizontal
Isolation	35 dB Min.	
Impedance	50 Ohms	
Connector	Quick RP SMA Plug	
Cable	ULA 100, 1000 mm, black	ULA 100, 300 mm, blue



1. including cable loss; ULA100 1.3dB/m @2.4GHz

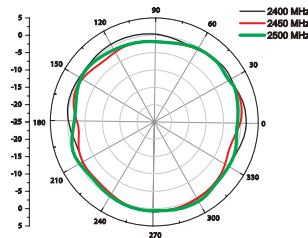
2. including cable loss; ULA100 1.3dB/m @2.4GHz

Environmental & Mechanical Characteristics

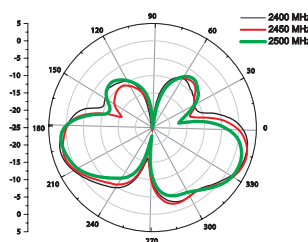
Temperature	- 10°C to +55°C
Humidity	95% @ 55°C
Radome color	Black, Gray
Radome material	ABS, UV resistant
Weight	105 g
Dimensions	80 x 51 x 168 mm

WLAN ANTENNA

XY-plane Co-polarization Pattern

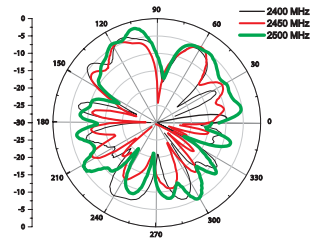


YZ-plane Co-polarization Pattern

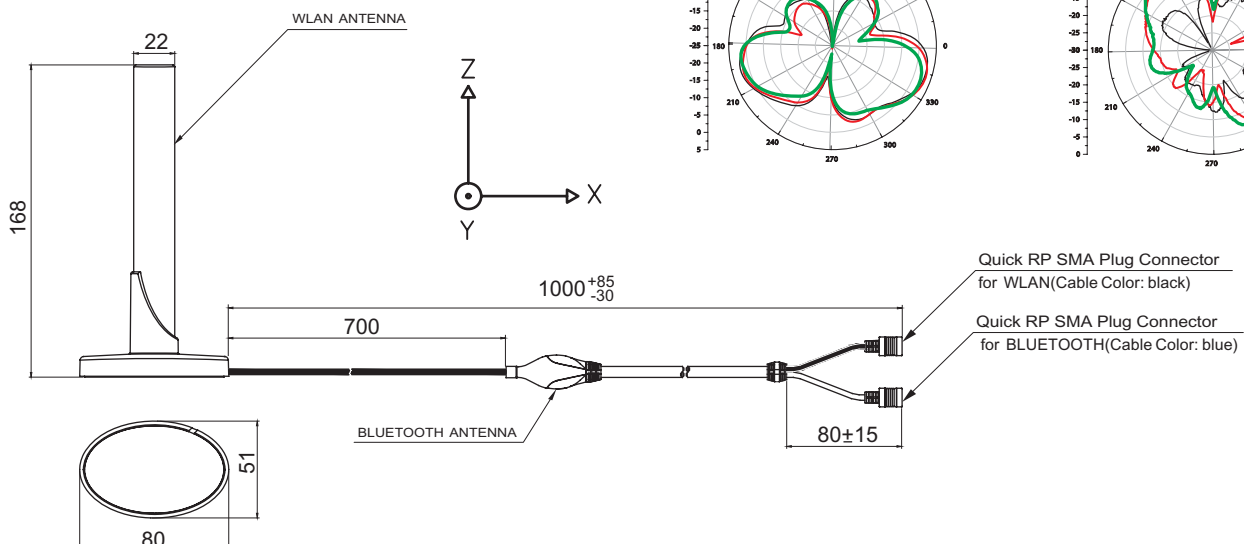
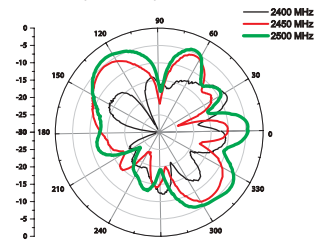


BLUETOOTH ANTENNA

XY-plane Co-polarization Pattern



YZ-plane Co-polarization Pattern



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