

SX7000-SX5000 Wifi and Bluetooth antenna datasheet

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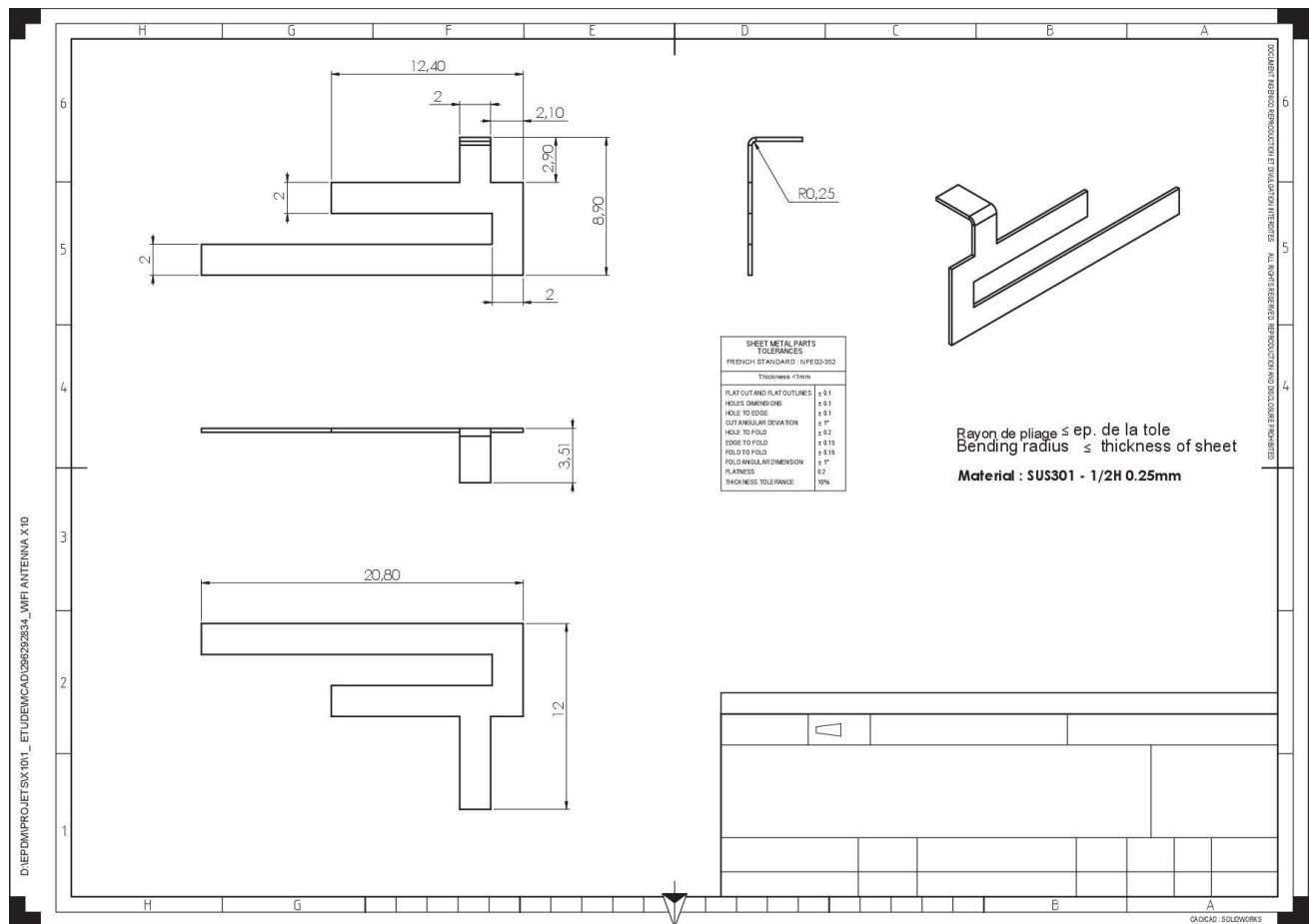
1 Antenna

1.1 Antenna technology

The antenna consists of a dual band 2.4Ghz and 5 Ghz radiating element built in a metallic frame connected to a printed circuit board with a spring connector.

Manufacturer Part Number: 296292834

1.2 Mechanical specification

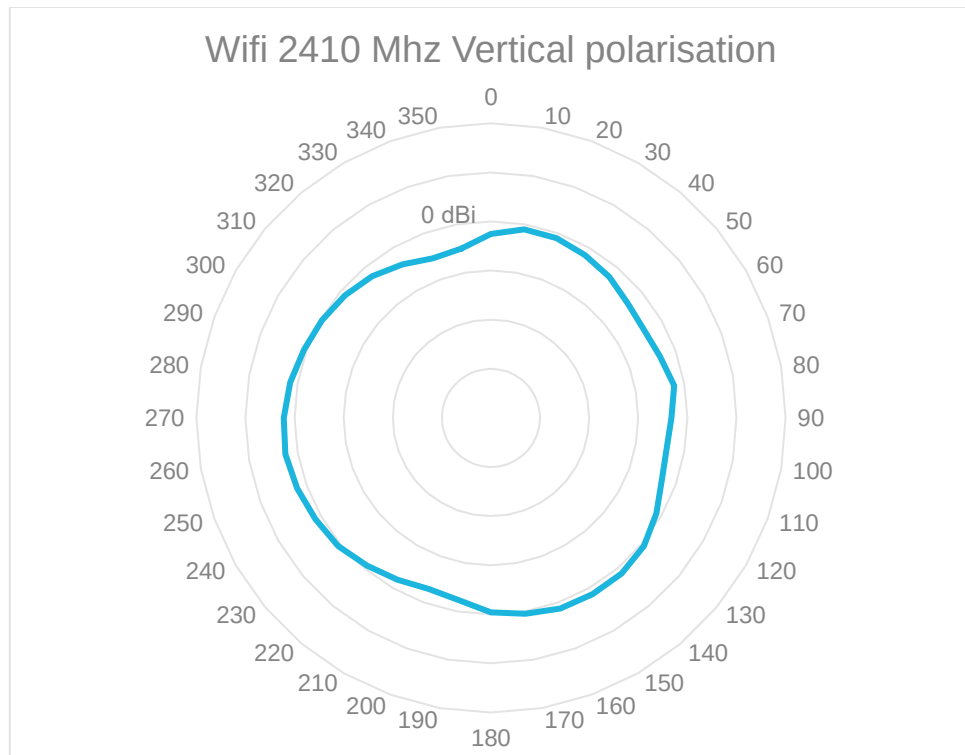
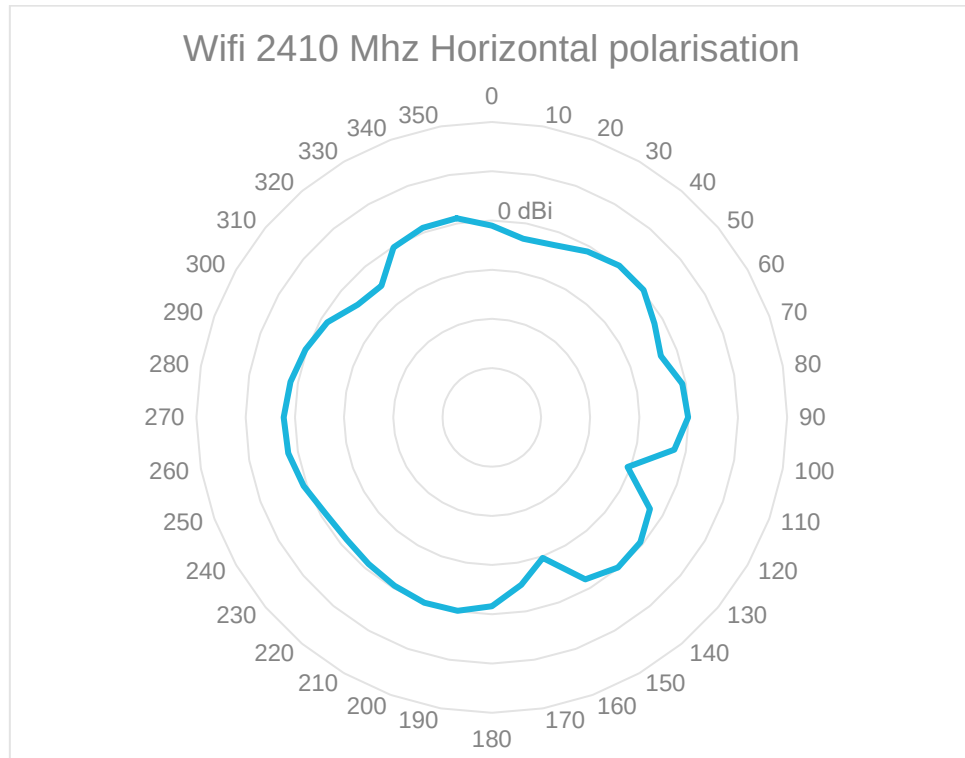


1.3 Gain

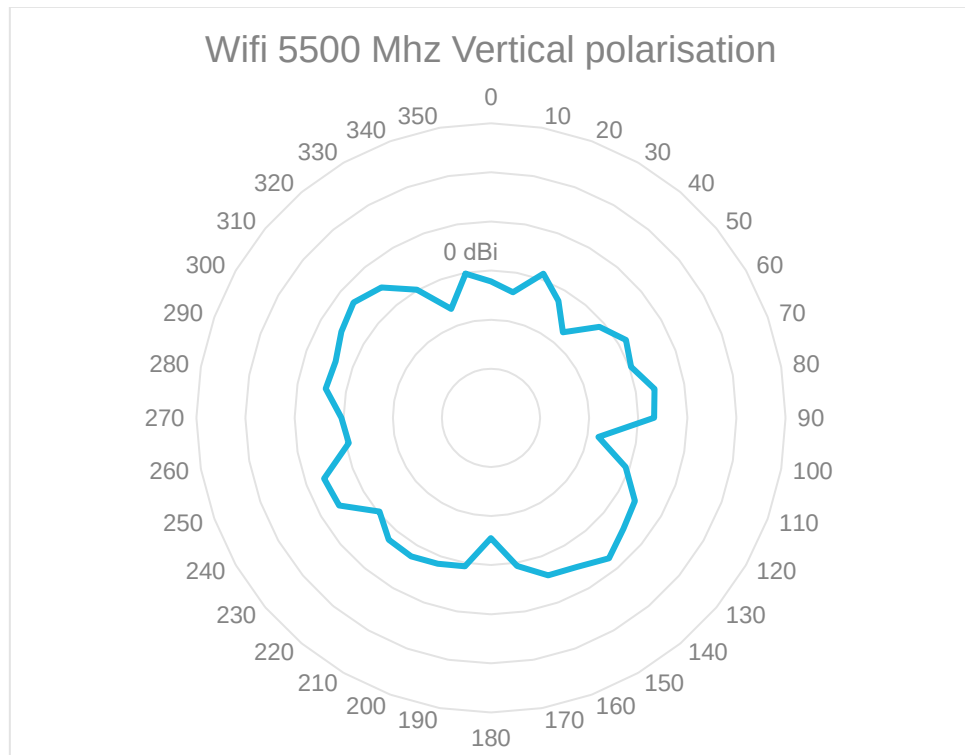
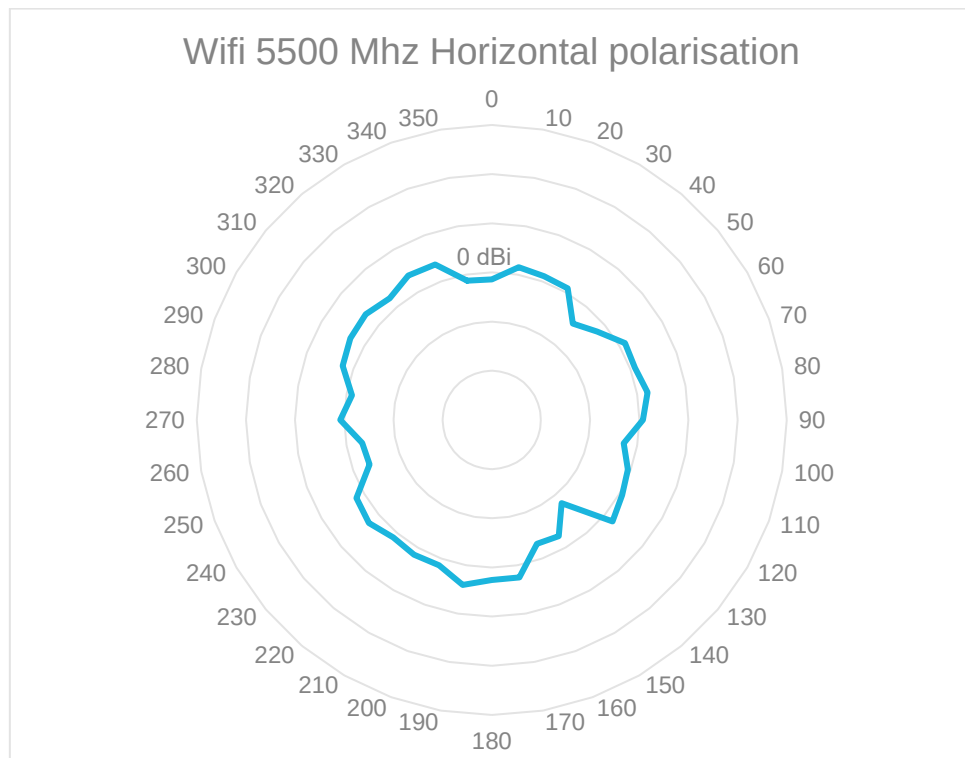
Frequency [MHz]	2412	2447	2472	5180	5560	5845
Peak Gain [dBi]	0.66	0.90	0.05	3.35	1.47	0.68

1.4 Radiation pattern

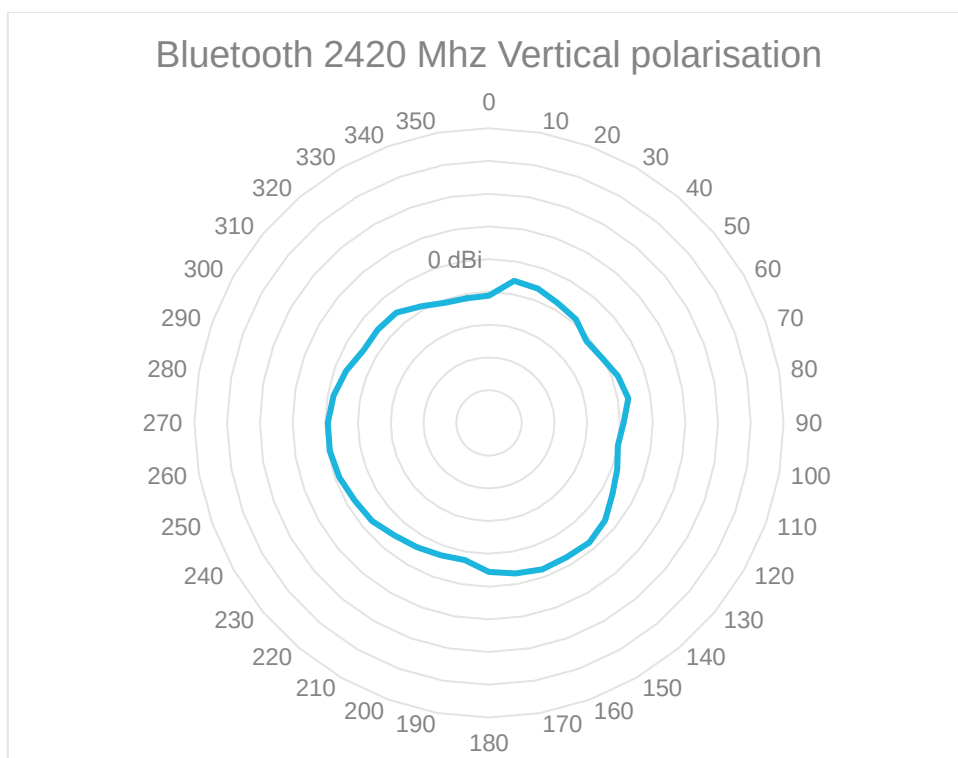
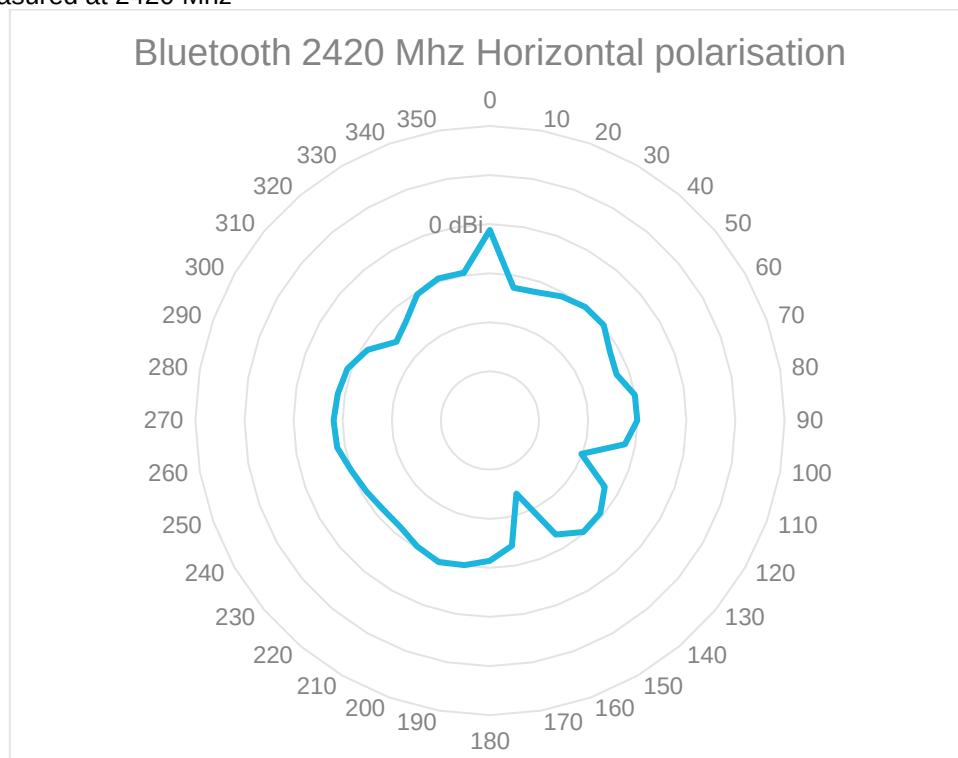
Wifi measured at 2410 Mhz



Wifi measured at 5500 Mhz



Bluetooth measured at 2420 Mhz



1.5 Material specification

Radiating Elements: Metallic frame