

S-Band SCP Antenna

1U Space System

DESCRIPTION

S-Band System is a **single-port right-handed-circular-polarized (RHCP) antenna**. It has been specially design for **TTC and space applications**, being perfect for smallsats due to its **compact size (1U)**.

HERITAGE

With many years of experience within the aerospace sector, we offer the best of our experience in each new project, combining our know-how with the fulfillment of the highest quality standards

+ 20 SPACE PROGRAMS
+ 10 YEARS OF EXPERIENCE
+ 10 DEVELOPMENTS IN ORBIT

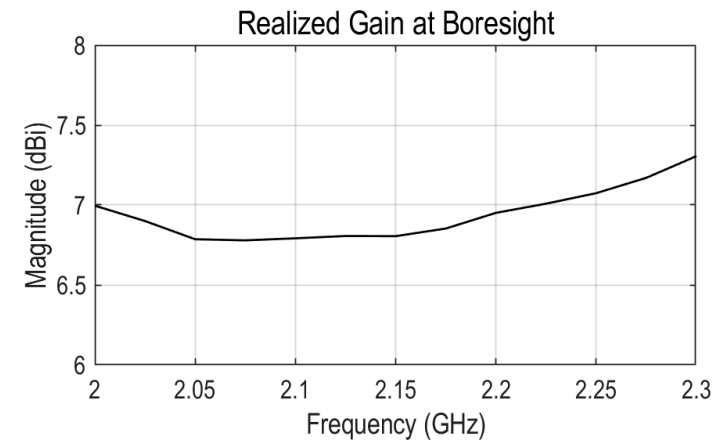
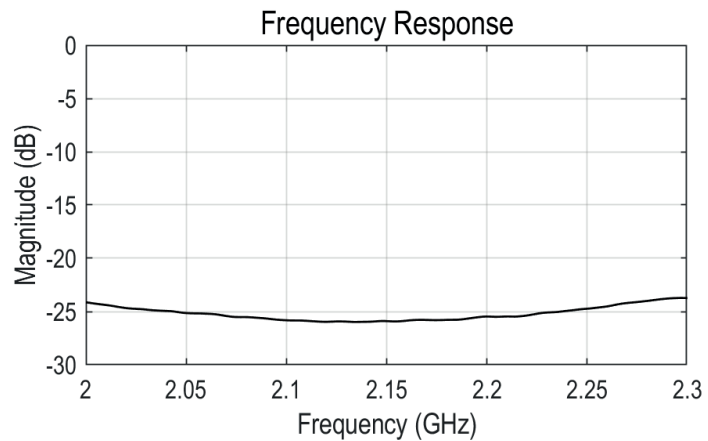
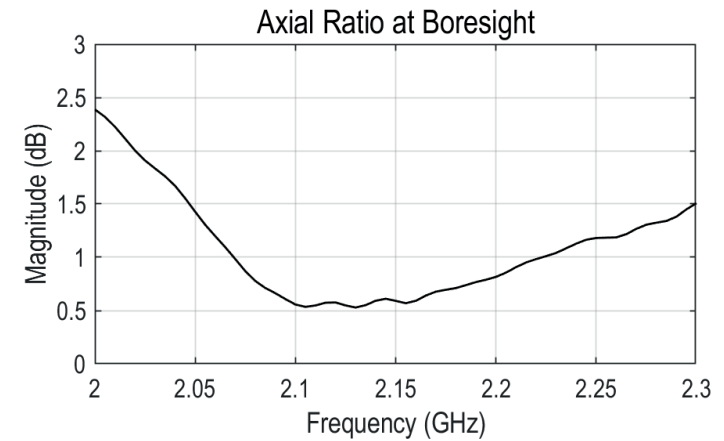
CLIENTS

Clients in more than **50 countries** trust in us. Leading companies all over the world believe in our capabilities to face the most demanding challenges.



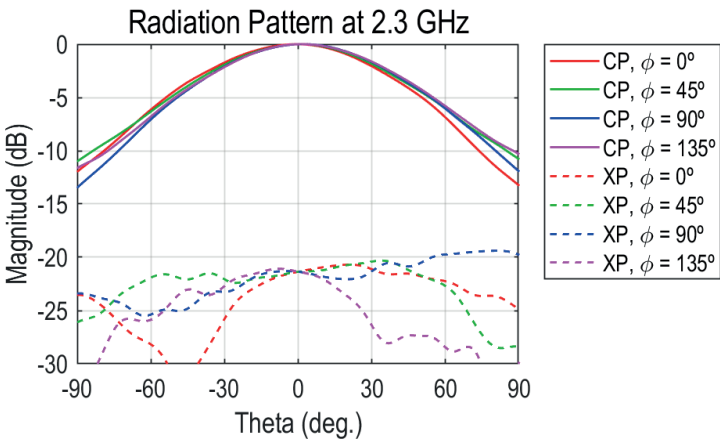
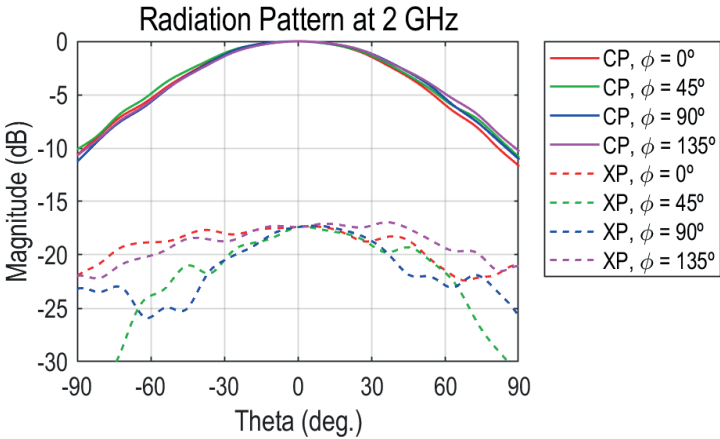
ELECTRICAL SPECIFICATIONS

Parameter	Typical value
Frequency band	2.0 – 2.3 GHz
Return Loss	22 dB
Realized Gain	6.5 dBi
Axial Ratio	2.5 dB
Cross-Polar	-18 dB
Polarization	RHCP



MECHANICAL SPECIFICATIONS

Parameter	Description
Connector	SMA connector (F)
Size	97.6 x 97.6 x 35.9 mm
Weight	196 g
Material	Dielectric Substrate



Additional notes

All values are typical and correspond to measured sample. Actual values could vary slightly. The complete performance will be checked before delivery to fulfill specifications.

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MECHANICAL OUTLINE

