

X-Band SCP Antenna

1U Space System

DESCRIPTION

X-Band System is a **single-port right-handed-circular-polarized (RHCP) antenna**. It has been specially design for **space applications**, being perfect for smallsats for 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

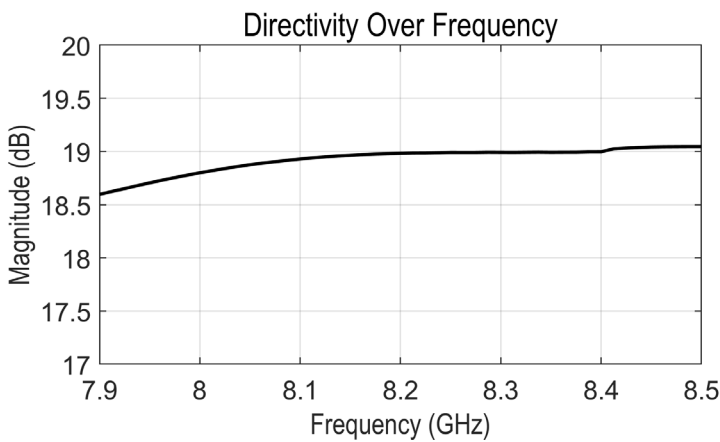
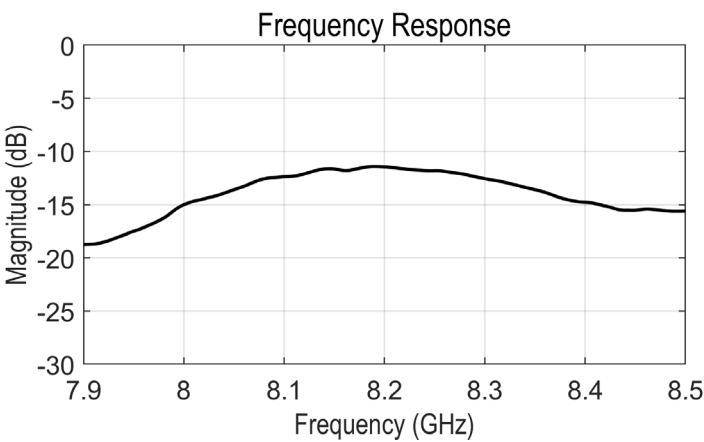
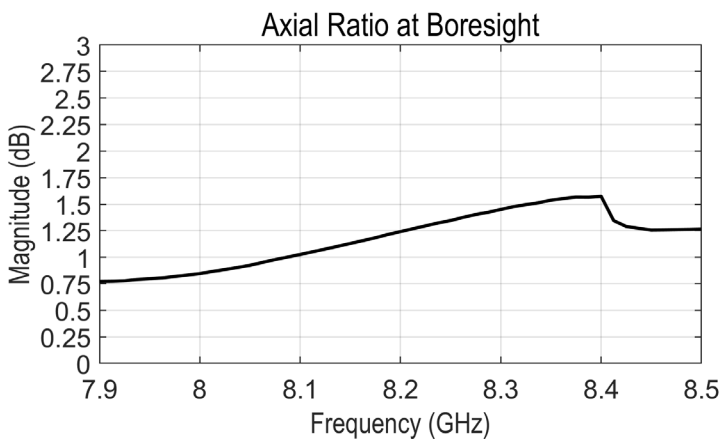
CLIENTS

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.



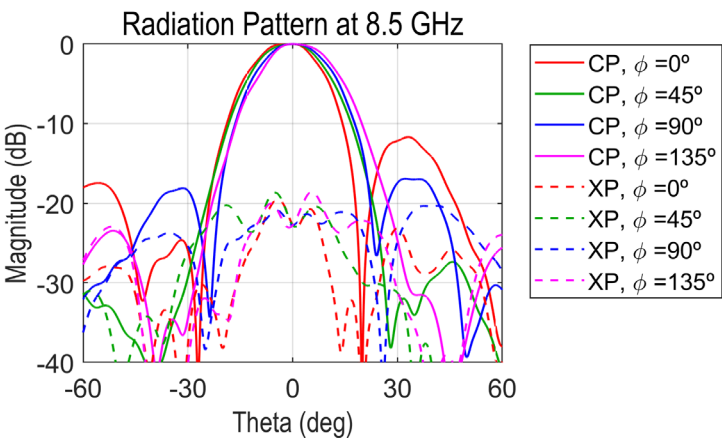
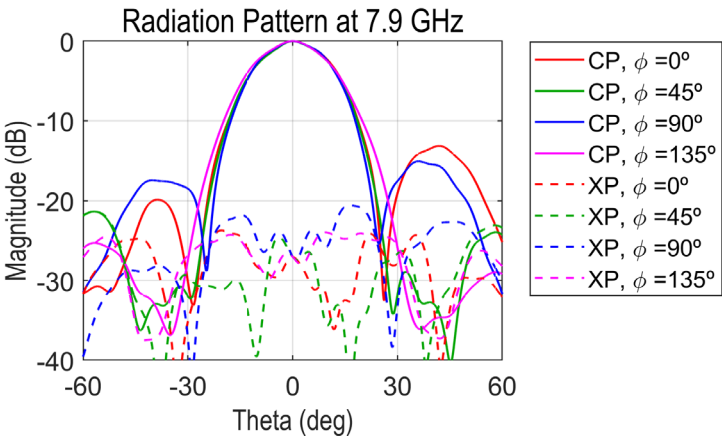
ELECTRICAL SPECIFICATIONS

Parameter	Typical value
Frequency band - Pass band TX	7.9 - 8.5 GHz
Return Loss	13 dB
Directivity	19 dB
Axial Ratio	1.5 dB
Cross-Polar	-20 dB
Polarization	RHCP



MECHANICAL SPECIFICATIONS

Parameter	Description
Connector	SMA connector (F)
Size	99 x 99 x 6.5 mm
Weight	127 g
Material	Aluminum



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

