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2211-113-01 S-Band SCP

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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.







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Massachusetts Institute of Technology

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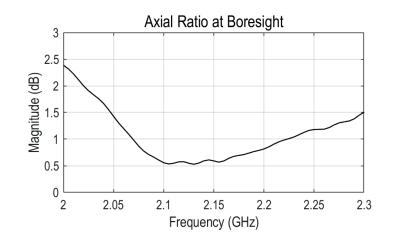
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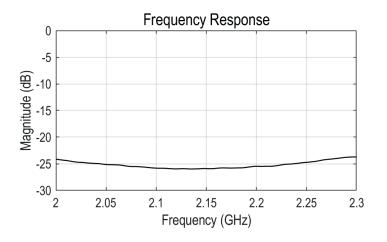
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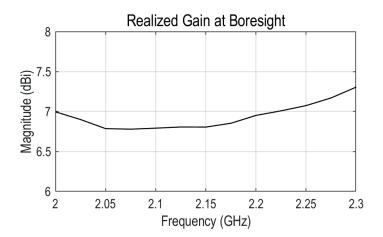
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ELECTRICAL SPECIFICATIONS

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



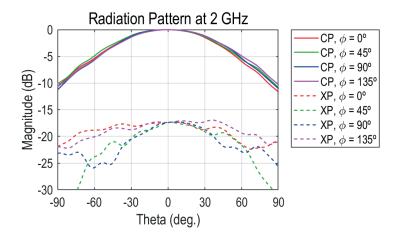




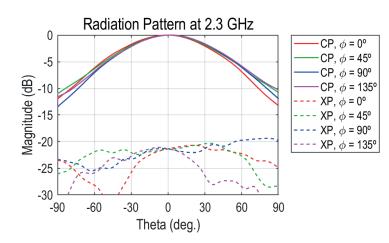
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MECHANICAL SPECIFICATIONS



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.



Last version: 20/02/2024

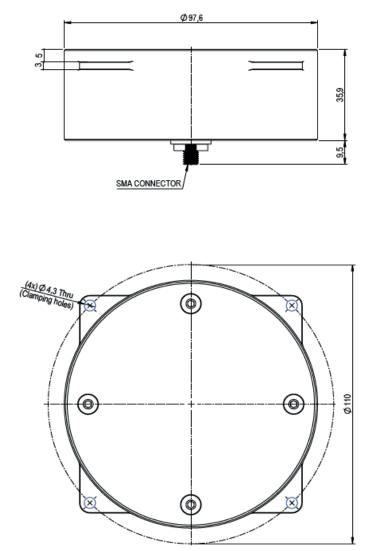
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MECHANICAL OUTLINE





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