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2211-114-01 S-Band TTC DCP

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Polígono Areta, C/Badostáin nº 2, planta 2ª, 31620, Huarte, Navarra (SPAIN)

S-Band TTC DCP Antenna

1U Space System

DESCRIPTION

S-Band TTC System is a 2-port dual-circular-polarized (DCP) antenna. It has been specially designed 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 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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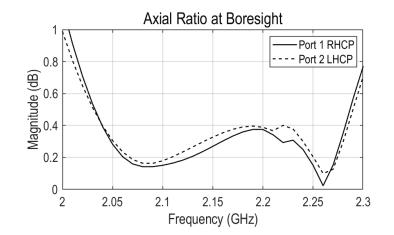


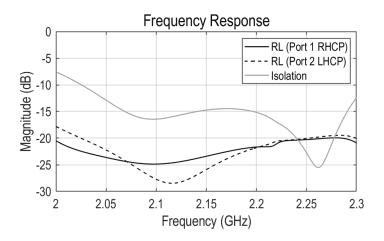
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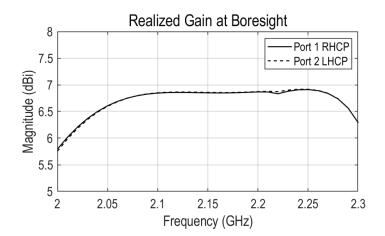
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ELECTRICAL SPECIFICATIONS

Parameter	Typical value
Frequency band	2.025 – 2.290 GHz
Polarization	Dual Circular
Return Loss	18 dB
Isolation	12 dB
Realized Gain	6 dBi
Cross-Polar	-25 dB
Axial Ratio	1 dB





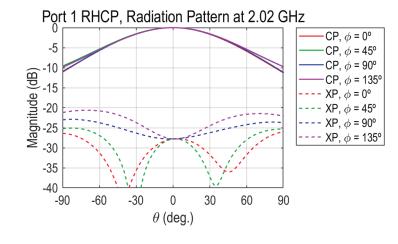


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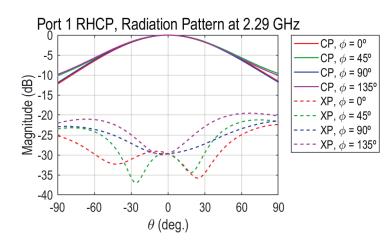
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MECHANICAL SPECIFICATIONS

Parameter	Description
Connector	SMA connector (F)
Size	96 x 96 x 6.7 mm
Weight	150 g
Material	Dielectric Substrate



Additional notes

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



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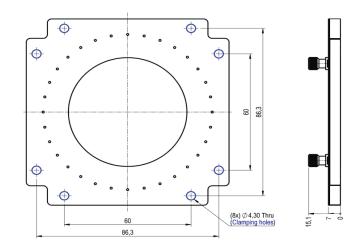
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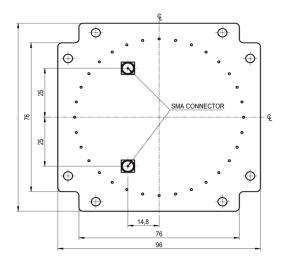
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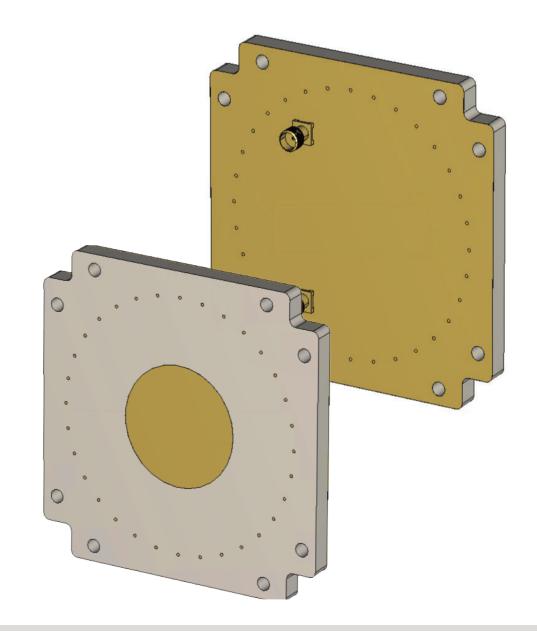
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MECHANICAL OUTLINE







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