

## Job Detail

Staff Level

Position Title	RF Engineer
Recruiter Company	Robot Job Japan / Global Career Agent Inc.
Company Name	Company name is private
Activated / Updated	2024-04-18 / 2024-04-18
Job Type	Electronics (Appliance/Semiconductor) - Design/CAD Design/CAD Operator Manufacturing (Automobile/Plant Engineering/Precision Equipment) - Architect/CAD Architect/CAD Operator/Plant Architect Electronics (Appliance/Semiconductor) - Basic Research and Development
Industry	Manufacturing - Other
Location	Asia Japan Tokyo
Job Description	<p>Development of communication devices for microsatellites. As a satellite and ground system RF engineer, you will be involved in the following design, development and testing work.</p> <ul style="list-style-type: none"> <li>-Satellite communication device</li> <li>-Terrestrial communication equipment that communicates with satellites</li> <li>-Satellite-borne microwave sensor</li> <li>- Business knowledge specific to satellite development will be learned through training and OJT after joining the company, so it is not a requirement at the time of application.</li> </ul>
Company Info	<p>Commercial space technology design, manufacture and solution provider</p> <p>For further job listing of Robotics, AI, IoT, New Mobility opportunities, please check <a href="http://www.gc-agent.com/robotjobjapan/">http://www.gc-agent.com/robotjobjapan/</a></p>
Qualifications	<p><b>【Prerequisite】</b></p> <ul style="list-style-type: none"> <li>- Educational background: Technical college or university graduate or above</li> <li>- 3 or more years of experience in designing RF systems using FPGAs (ASICs) or digital modulation ICs, or 3 or more years of experience in creating design specifications and instructing the design.</li> <li>- Experience in circuit design of boards equipped with communication ICs such as FPGAs and SDRs, or 3 or more years of experience in creating design specifications and instructing the design.</li> <li>- Development experience with digital modulation/demodulation technology (QAM, APSK, OFDM, etc.)</li> <li>- Experience in developing communications equipment in any of the S/X/Ka frequency bands</li> <li>- Experience in measuring high frequency signals (1GHz or higher) (spectrum analyzer, network analyzer)</li> <li>- Ability to easily negotiate/cooperate with business partners and evaluation facility personnel in Japanese</li> <li>- Feel free to use English for work purposes</li> </ul> <p><b>[Preferred]</b></p> <ul style="list-style-type: none"> <li>- Experience in simulation and design of antennas and RF circuits</li> <li>- Software defined radio (SDR) development experience</li> <li>- Experience in designing FPGA circuits (VHDL, Verilog) or creating design specifications and instructing the design.</li> <li>- Experience in satellite inauguration test or communication equipment technical compliance test</li> <li>- Experience in measurements in an anechoic chamber</li> <li>- Experience operating communication systems in either S/X/Ka frequency bands</li> <li>- Possess either a 1st or 2nd grade land radio engineer or a 1st or 2nd grade land special radio engineer.</li> <li>- Direct negotiation/work experience with overseas business partners/bases using English</li> </ul>
English Level	Daily Conversation Level (TOEIC 475-730)
Japanese Level	Business Level(JLPT Level 2 or N2)

Salary	JPY - Japanese Yen JPY 5000K - JPY 7000K
Salary Description	経験及び能力に応じて面談の上、採用時に決定 社会保険完備 交通費全給
Holiday Description	Five-Day Workweek Paid Holidays Congratulatory or Condolence Leave
Job Contract Period	Permanent

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