

Solid-State RF Amplifiers

120 MHz

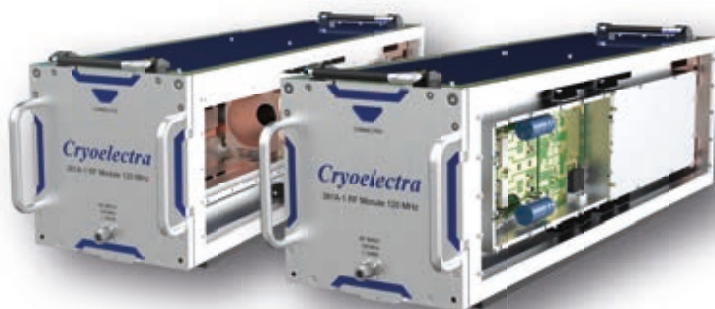
Model CRE-381A

Customer:	MIT
Application:	Nuclear Fusion (ICRF Heating)
RF Output Power:	> 180 kW long pulse (20 sec)
RF Input Power:	0 dBm
Efficiency (Wall-plug):	> 62%
Bandwidth (-0.1 dB):	> 2 MHz
Gain:	≥ 82.5 dB
Harmonic Content:	< -60 dBc
Spurious (±5 MHz):	< -70 dBc
Number of Transistors:	160
Number of Modules:	10
Main Combiner Type:	Hollow-Box
RF Output Connector:	6-1/8" EIA, 50 Ω
Amplifiers Sold:	1



RF Station

Easy Handling



RF Module 381A-1

