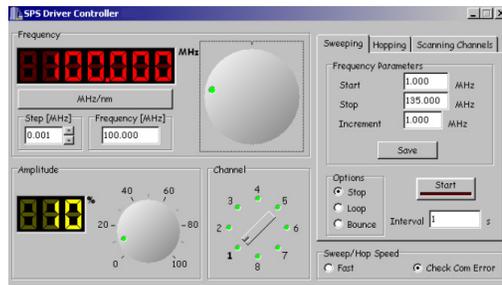




Variable Frequency Driver Specifications



Driver Model #	VFB-XX-YY-V-A-F2	VFE-XX-YY-V-B1-F2/2Ch
Frequency Range	Corresponding to the AO Device Requirements	Matching the 2-D AOD controlled by application of external tuning voltage
Tuning Voltage	0 - 10 V analog (-2 to +20 VDC no damage)	
Frequency Accuracy	1% nominal after 15 minute warm-up, constant temperature	
Scanning Speed	50 micro sec from min to max frequency with step change in tuning voltage	
Output Power	Power is optimized for peak efficiency with supplied AO device.	
Modulation Type	Analog Amplitude or TTL Compatible (optional)	Analog Amplitude; DC-10 MHz independent for each channel
Modulation Input	50 Ω ; 0-1 V or 330 Ω ; 0-5 V	50 Ω ; 0-1 V
Operating Power	90-240 VAC \pm 25% 50-60 Hz	
Enclosure	The unit will be packaged in a 190 mm (7.5 inch) wide by 100 mm (4 inch) high by 220 mm (8.75 inch) deep instrument case. The rear panel heat sink increases the depth to 240 mm (9.75 inches) maximum. The size is exclusive of connectors. A detachable AC line cord and RF cable are provided.	
Environmental	Nominal Laboratory Conditions: The maximum temperature is +35° C. The unit is not sealed against moisture or condensing humidity.	