

**Features:**

- Packaged in Standard ATR Chassis
- PC Based Controller for Man/Machine Interface
- 4 Local Oscillators and Four Channel Techniques Generator Outputs



**Electrical Specifications**

<b>Local Oscillator:</b>	4 Independent Outputs
Frequency Range:	.65 -.95 GHz
Step Size:	< 1 kHz
Switching Speed:	65 $\mu$ s, typical
Output Power:	12 dBm $\pm$ 2 dB
SSB Phase Noise:	
<b>Offset</b>	<b>SSB Level</b>
100 Hz	- 95 dBc/Hz typical
1 kHz	-110 dBc/Hz typical
50 kHz	-112 dBc/Hz typical
1 MHz	-125 dBc/Hz typical
Spurious:	- 60 dBc, typical
Harmonics:	- 50 dBc, typical

**S - Band Output**

Frequency Range:	S - Band
Output Power:	+ 30 dBm $\pm$ 2 dB
SSB Phase Noise:	
Offset	SSB Level
100 Hz	- 80 dBc/Hz typical
1 kHz	- 94 dBc/Hz typical
50 kHz	- 98 dBc/Hz typical
1 MHz	-118 dBc/Hz typical
Spurious:	- 65 dBc, typical
Harmonics:	- 50 dBc, typical

**Techniques Generator (4 Independent Outputs)**

Frequency Range:	C - Band
Step Size:	< 1 kHz
Modulation:	Various
Output Power:	+ 8 dBm, nominal

**Electrical Specifications (continued)**

<b>Reference Outputs:</b>	
Frequency:	10 MHz
Output Power:	+ 13 dBm $\pm$ 2 dB
SSB Phase Noise:	
Offset	SSB Level
10 Hz	-115 dBc/Hz typical
100 Hz	-140 dBc/Hz typical
1 kHz	-145 dBc/Hz typical
50 kHz	-150 dBc/Hz typical
Stability:	$\pm$ 0.7 ppm
Tuning Control:	Ethernet & Standard PC Computer
Computer:	Pentium Class
Output Power:	28 VDC @ 11 A

**Environmental Specifications**

Operating Temperature:	- 5 to 55 $^{\circ}$ C
Environment:	Ground

**Mechanical Specifications**

Size (nominal):	19.5 x 10.5 x 7.7 inches 495 x 267 x 195 mm
Weight:	97 lbs. 44 kg.
Connectors:	Various

Specifications subject to change without notice.