



# PLB/ELT Test Set Type 12-503-1

**Techtest  
Limited**

Advanced  
test and  
measuring  
equipment

## SPECIFICATION

<u>406 Mhz Measurements</u>		
Measure all Cospas-Sarsat Frequency Channels		
Decode all Cospas Sarsat Protocols		
UIN & Full HEX		
Power		± 1 dB
Power Rise Time		± 0.5 ms
Phase Modulation		± 0.04 rad
Modulation Rise and Fall Times		± 10 us
Modulation Symmetry		± 0.005
Modulation Bit Rate		± 0.2 bps
<u>121.5 MHz Measurement</u>		
Frequency (using EXT REF) (resolution = 100Hz)		± 11 Hz
Peak Power		± 1.5 dB
Modulation Factor		± 5%
<u>Miscellaneous</u>		
Range (using internal antenna):	406 MHz	<10 m
	121.5 MHz	<3m
RF Input VSWR		1.10:1
RF Input Level	406 MHz Burst	-16 dBm Min +40 dBm Max
	121.5 MHz Burst	-30 dBm Min +27 dBm Max
Operating Temperature Range		0°C to +50°C
Storage Temperature Range		-20°C to +60°C
RF Input Cable Termination		BNC Female
10 Mhz REF Cable Termination		SMA Female
Dimensions		82.2 (3.24)
		x 147.3 (5.80)
		x 19 (0.75)

