

## Test Sheet for A 027

Serial Number:

Parameter	Range/Limit	Result checked
Output frequency of driver	110 MHz $\pm$ 0.01%	[f <sub>0</sub> ].....
Spectral purity	< -60 dBc @ f <sub>0</sub> $\pm$ 100 MHz	.....
Harmonics	< -20 dBc @ 2f <sub>0</sub> , 3f <sub>0</sub>	.....
Digital video input (TTL)	<ul style="list-style-type: none"> <li>• logic <math>\uparrow\uparrow</math> • or open input</li> <li>• logic <math>\downarrow\downarrow</math> • or shorted input</li> </ul>	rf power off <input type="checkbox"/> rf power on <input type="checkbox"/>
RF switch-on/switch-off time	< 12 nsec P <sub>RF</sub> : 10 ... 90 %	.....
RF on-/off-ratio analogue	> 35 dB at any output level	.....
Analogue video input voltage	0 ... +1 volt 0 ... +3 volt 0 ... +5 volt	50 $\Omega$ <input type="checkbox"/> 75 $\Omega$ <input type="checkbox"/> 600 $\Omega$ <input type="checkbox"/>
RF output power	<+24 ... >+35.2 dBm @ 24 V <+25 ... >+36.1 dBm @ 28 V	..... .....
Burn in	active > 30 min passive > 2 h	<input type="checkbox"/> <input type="checkbox"/>
Mounting plate	150 mm x 70 mm	<input type="checkbox"/>

Remarks

Date: .....

Tester: .....

## Connectors and Mechanics

RF-Connector	SMA female
Analogue video input	BNC female
Dimensions	150 mm x 70 mm x 64 mm
Mounting plate	150 mm x 70 mm

