

Test Sheet for A 116

Serial Number:

Parameter	Range/Limit	Result checked
Output frequency of driver	27.12 MHz \pm 0.01 %	[f ₀].....
Spectral purity	< -50 dBc @ f ₀ \pm 25 MHz
Harmonics	< -18 dBc @ 2f ₀ , 3f ₀	@ 35 dBm
Digital video input (TTL)	<ul style="list-style-type: none"> • logic $\uparrow\uparrow$ • or open input • logic $\downarrow\downarrow$ • or shorted input 	rf power off <input type="checkbox"/> rf power on <input type="checkbox"/>
RF switch-on/switch-off time	<50 nsec • P _{RF} 10 ... 90 %
RF on-/off-ratio digital	>50 dB at any output level
RF power output level	<24 ... >35.6 dBm @ 24 V <25 ... >37.1 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:

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Tester:

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Connectors and Mechanics

RF-Connector	(RF-Power-Output)	SMA female
Digital video input	(TTL)	BNC female
Dimensions		150 mm x 70 mm x 64 mm
Mounting plate		150 mm x 70 mm

