PROCEDURA TEST LASER

Data	**19/11/2013 16:13**	**NOTE**
MODELLO LASER	**K-250**	
SERIAL NUMBER	**HB47303**	
GRUPPO RF	**QUAD RF AMP**	
SERIAL NUMBER	**135MP1301003**	

TEMPO EMISSIONE LASER A FREDDO				
50KHZ	T on = **750nS**			
30KHZ	T on = **1uS**			
1KHZ	T on = **6uS**			
ESECUZIONE TEST				
50KHZ	10 min	Pmin: **293 W**	Pmax: **315 W**	Stabilità: **3,76%**
30KHZ	60 min	Pmin: **297 W**	Pmax: **325 W**	Stabilità: **4,26%**
1KHZ	10 min	Pmin: **331 W**	Pmax: **349 W**	Stabilità: **2,69%**
VERIFICA ASSORBIMENTI E TENSIONI A PIENA POTENZA				
50KHZ		I ass: **89,5 A**	V1: **48,1V**	V2:
30KHZ		I ass: **91 A**	V1: **48,1V**	V2:
1KHZ		I ass: **93 A**	V1: **48,1V**	V2:
TEMPO EMISSIONE LASER A CALDO				
50KHZ	T on = **800nS**			
30KHZ	T on = **1uS**			
1KHZ	T on = **6uS**			
TEST LINEARITA' POTENZA - FREQUENZA: 30 KHz				
10 %		T on = **3,6uS**	Pmin: **58 W**	Pmax: **62 W**
20 %		T on = **6,8uS**	Pmin: **127 W**	Pmax: **134 W**
30 %		T on = **10uS**	Pmin: **195 W**	Pmax: **196 W**
40 %		T on = **13,2uS**	Pmin: **240 W**	Pmax: **242 W**
50 %		T on = **16,8uS**	Pmin: **285 W**	Pmax: **289 W**
60 %		T on = **19,5uS**	Pmin: **320 W**	Pmax: **325 W**
70 %		T on =	Pmin:	Pmax:
80 %		T on =	Pmin:	Pmax:
90 %		T on =	Pmin:	Pmax:
100 %		T on =	Pmin:	Pmax:

VERIFICA FLUSSIMETRO **TARATO A 6,5LT**

VERIFICA FLUSSO

CONTROLLO ANOMALIE

CONTROLLO DIMENSIONE SPOT A DISTANZA 180 - 900 - 3000 mm		
FREQUENZA 30khz		
3000mm	X : **17,2mm**	Y: **18,5mm**
180mm	X : **11,3mm**	Y: **12,6mm**

VERIFICA PIN HOLE	
DISTANZA	**mm**
DIAMETRO	**mm**
POTENZA RILEVATA	**W**

Collaudo eseguito da Tony