

Date: October 10th 2014			
File: ALPA-RF_AMP-50W.xls, pdf			
Ray Dube (6113)			
Ref: Test with Alga RF Amplifier			
Model: ALPA Solid State Amplifier (Serial # 130684)			
Using RF Generator from Mystic with frequency set: 13.80 Ghz			
Note: The RF Generator limited to 16 dB at the moment			
Used RF cable (SMA to N) with 20dB at the SMA end (RF Generator end)			
Generator (dB)	Alpa RF AMP	Alpa RF AMP	Temperature
(dB)	(dbm)	(Watt)	(Celcius)
-6	27	0.52	36
-3	27	0.52	36
0	27.2	0.52	36
1	28.1	0.63	36
4	31.5	1.38	36
7	34.4	2.69	36
10	37.6	5.62	36
13	41.1	12.59	36
16	44.2	25.7	36