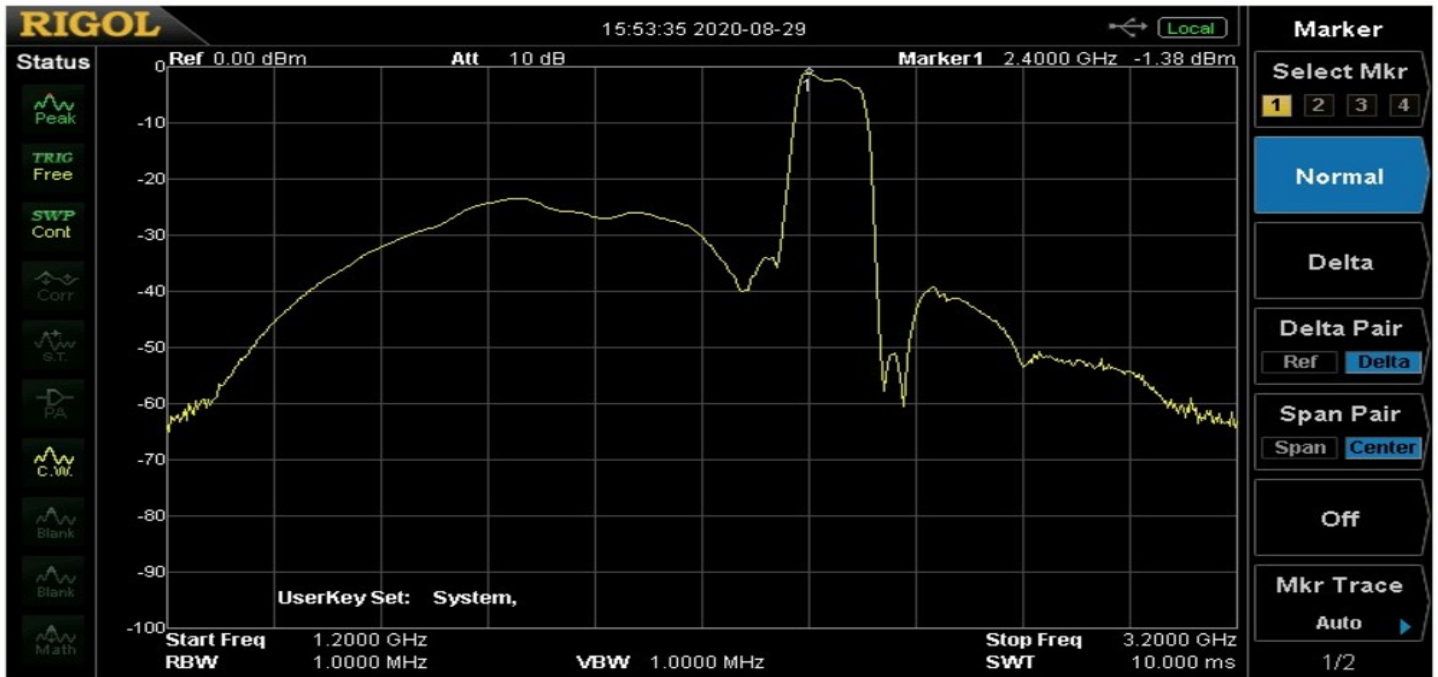


# Pluto - Low input 13cm Power Amplifier

Amplifier Sweep.....



Testdata for 2400 MHz & 24V and 13,8V Vcc (maximal 3 Amper Icc) in CW mode:

INPUT	OUTPUT & 24V	RF Monitor V	OUTPUT & 13,8V	RF Monitor V
4,45 mW	21,6 W	3,64 V	9,1 W	2,36 V
3,5 mW	21,3 W	3,62 V	9,0 W	2,35 V
2,85 mW	20,9 W	3,58 V	8,9 W	2,34 V
2,25 mW	20,2 W	3,52 V	8,75 W	2,31 V
1,8 mW	19,2 W	3,43 V	8,5 W	2,27 V
1,45 mW	18,2 W	3,31 V	8,2 W	2,21 V
1,15 mW	16,5 W	3,15 V	7,8 W	2,14 V
<b>0,9 mW</b>	<b>14,8 W</b>	<b>2,97 V</b>	<b>7,25 W</b>	<b>2,06 V</b>
0,7mW	13,1 W	2,78 V	6,65 W	1,95 V
0,55 mW	11,4 W	2,58 V	6,0 W	1,83 V
0,43 mW	9,7 W	2,35 V	5,25 W	1,68 V
0,35 mW	8,5 W	2,16 V	4,5 W	1,55 V
0,27 mW	7,2 W	2,0 V	3,85 W	1,42 V

Consumption: Vcc port 12.....30 Volt max. 3 Amper

PTT port 10.....30 Volt max. 200mA

Absolute maximum input power: 10mW

Input port → **Overload NOT PROTECTED** Caution !!

Output port is not protected by isolator !! Caution with bad VSWR.