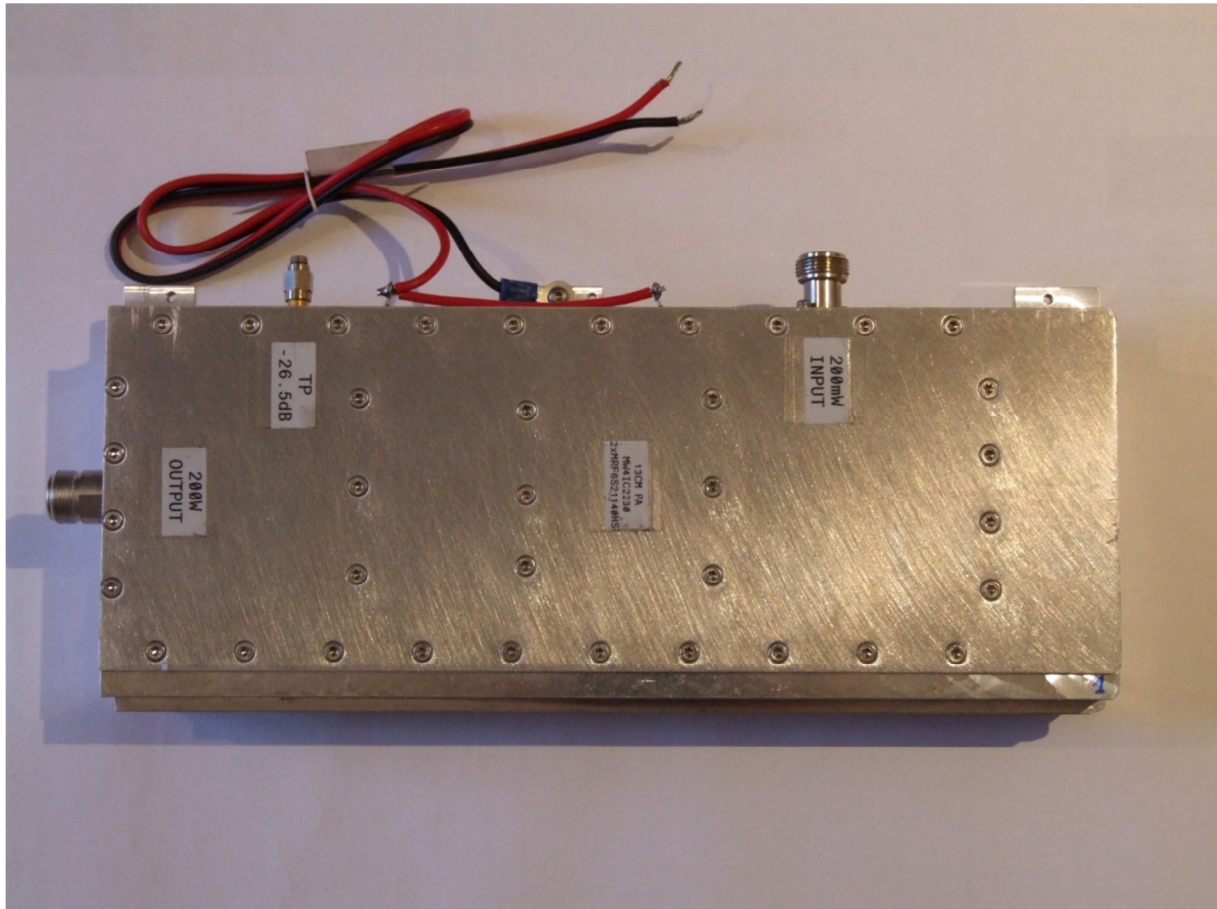
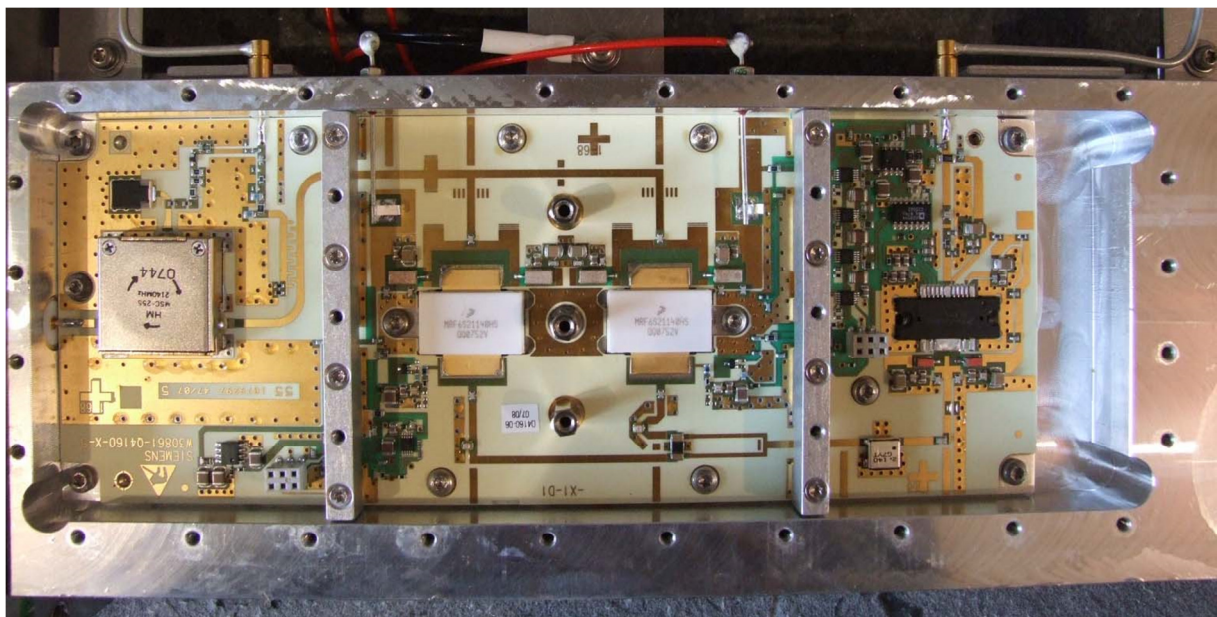


Modified 13cm Siemens PA with MW4IC2230 and 2x MRF6S21140HS.



Original version ...

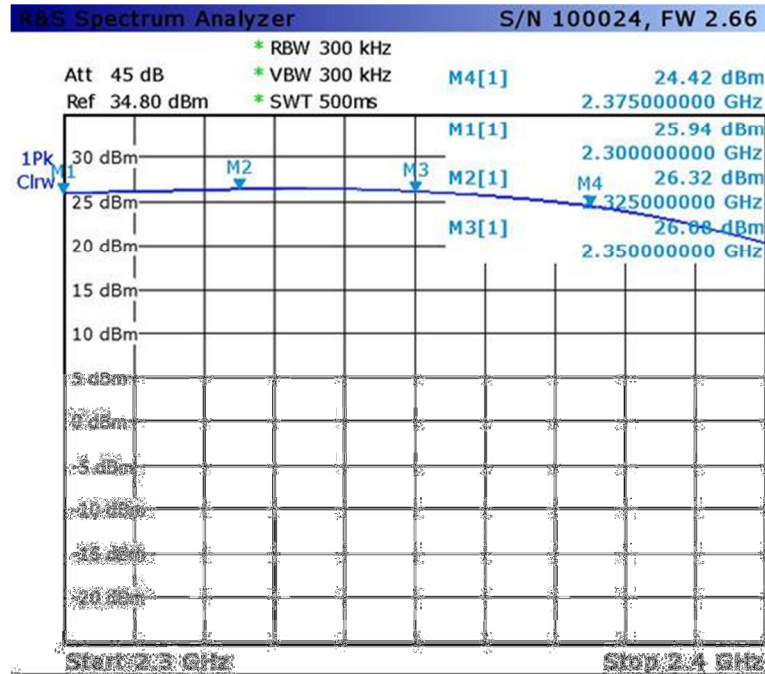


Test setup 1:

Tracking Gen 0dBm + Van Dijken 13cm 1W PA + Modified Siemens ampli + dummyload.

On coupler port (-26.5dB) from the ampli.

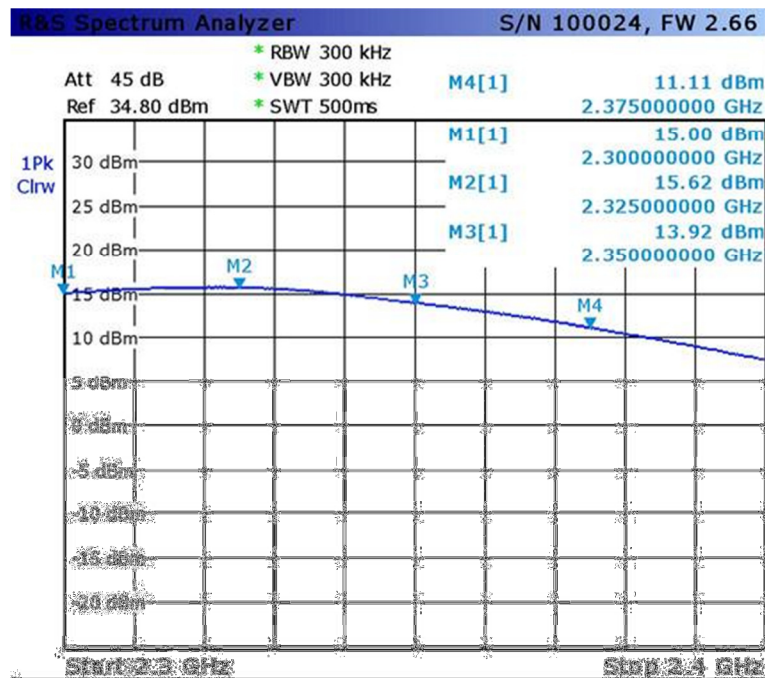
$$26.32\text{dBm} + 26.5\text{dB} = 52.82\text{dBm} = 191\text{W}$$



Tracking Gen 0dBm + Van Dijken 13cm 1W PA + Modified Siemens ampli + dummyload.

On coupler port (-26.5dB) from the ampli.

Passband 2300 en 2400MHz (linear).



Tracking Gen 0dBm + Van Dijken 13cm 1W PA + Modified Siemens ampli + dummyload.
 External coupler (-40.35dB) 2.0GHz en 2.5GHz.



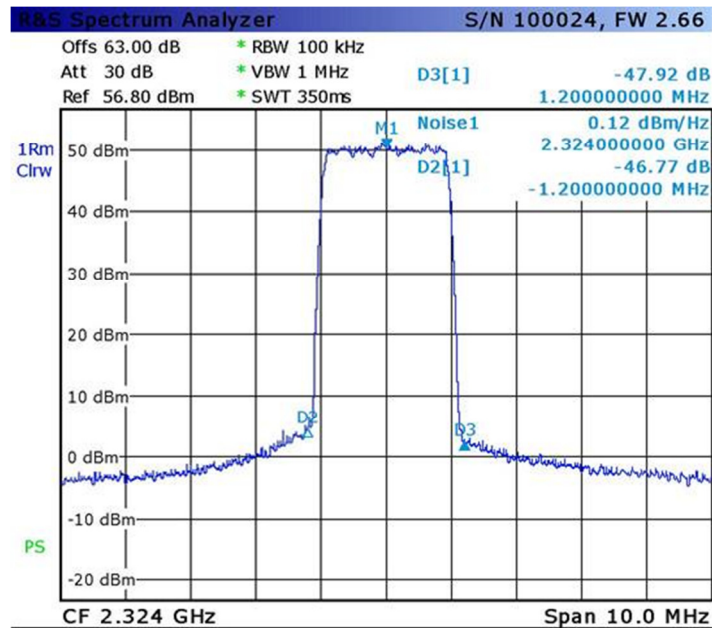
Test Setup 2: (for DVB-T)

Hides UT100-B (474MHz) → Attn 20dB → IF port SRA3500 mixer → 13cm BPF → SMW ILA 18-24dB
→ Van Dijken 1W PA → Modified Siemens PA with 2x MRF6S21140HS LO= 10mW(1850MHz)

Measurement setup with coupler and attenuator : **-40.35dB**

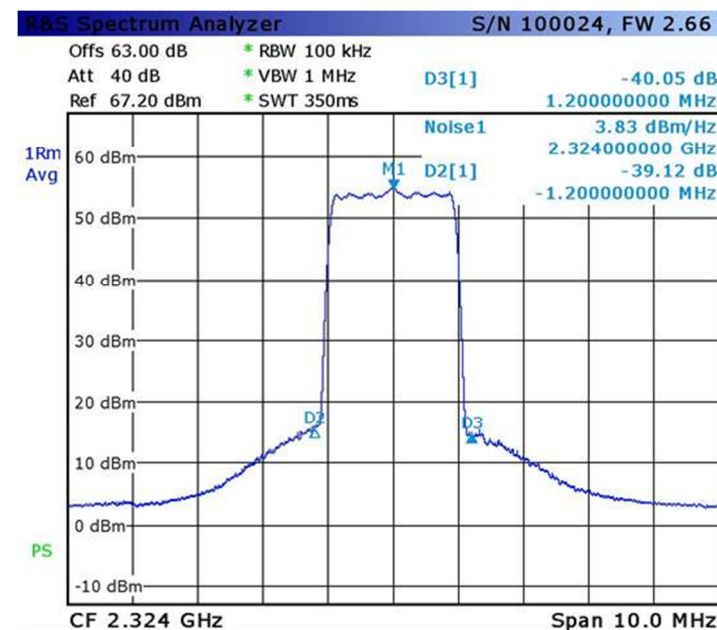
DVB-T 2MHz:

40.47dBm (11W) → shoulders -47dB



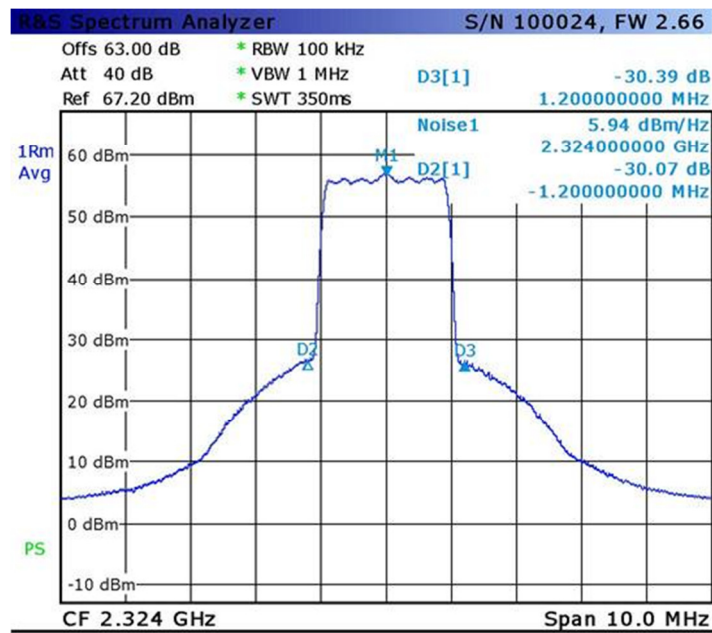
Date: 3.JAN.2015 09:58:04

44.18dBm (26.2W) → shoulders -40dB



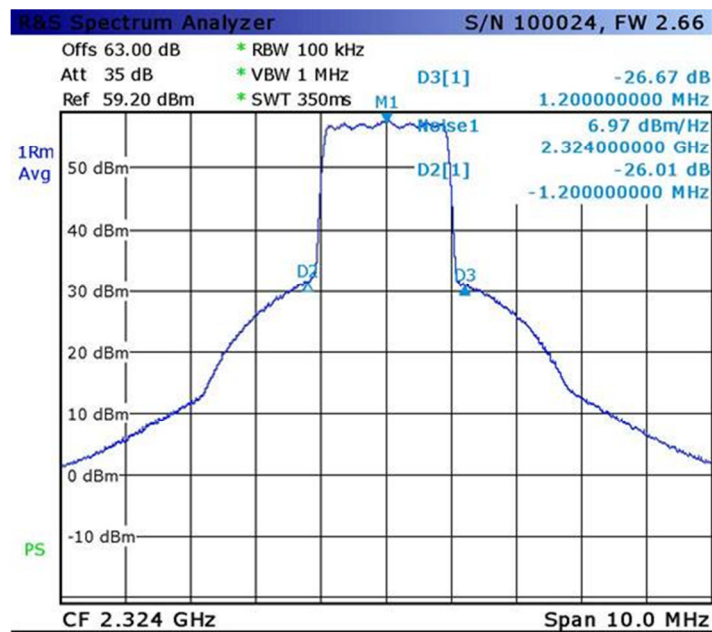
Date: 3.JAN.2015 09:56:09

46.29dBm (42.5W) → shoulders -30dB



Date: 3.JAN.2015 09:54:52

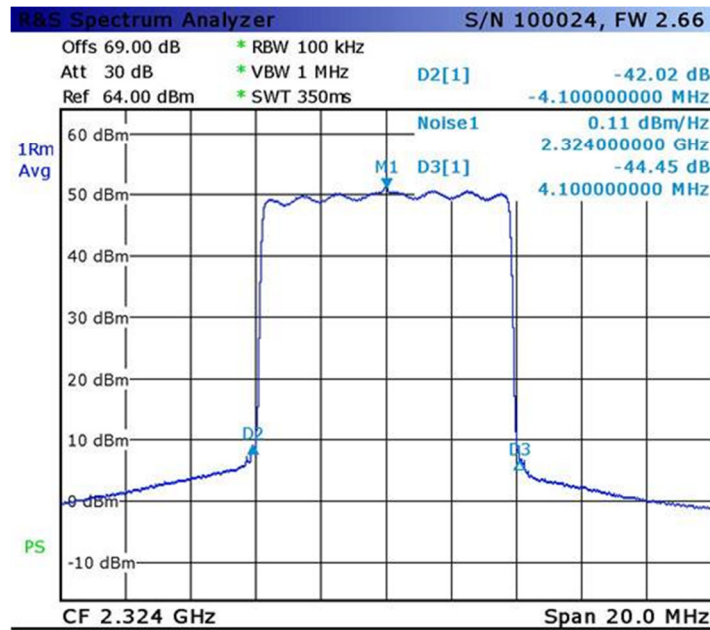
47.32dBm (54W) → shoulders -26dB



Date: 3.JAN.2015 10:03:19

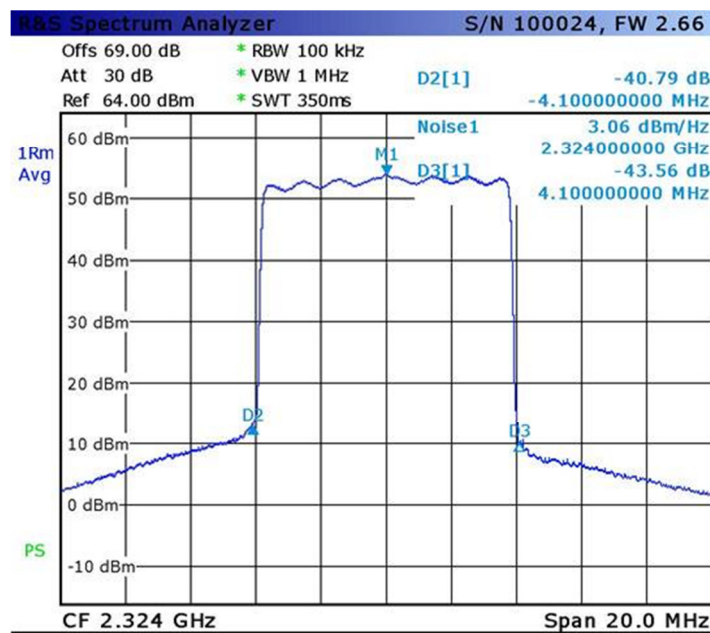
DVB-T 8MHz :

40.46dBm (11W) → shoulders -42dB



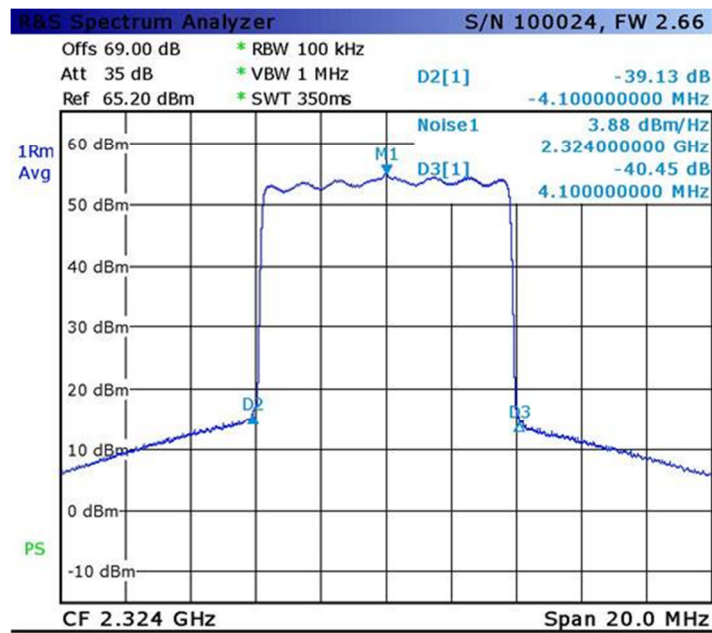
Date: 3.JAN.2015 10:13:40

43.41dBm (22W) → shoulders -41dB



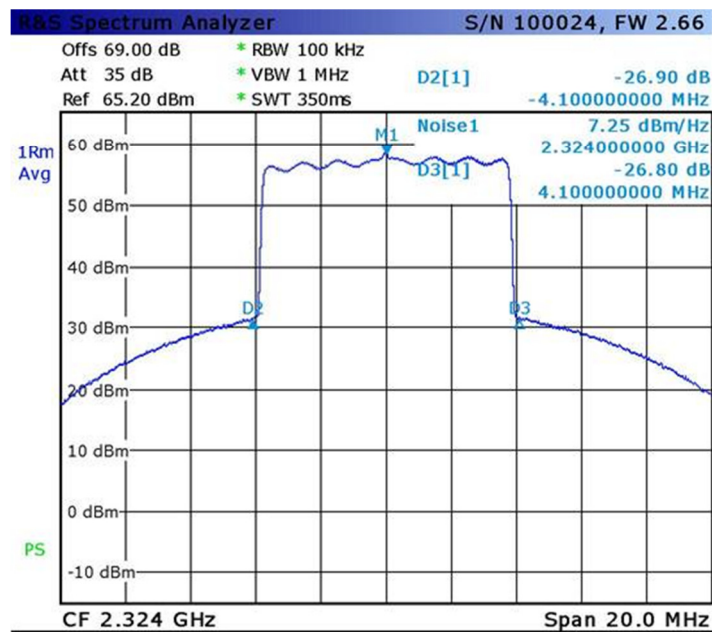
Date: 3.JAN.2015 10:15:48

44.23dBm (26,5W) → shoulders -40dB



Date: 3.JAN.2015 10:08:26

47.6dBm (57,5W) → shoulders -27dB



Date: 3.JAN.2015 10:11:23