

## Addendum 23cm amplifier ERA5SM + RA18H1213G DVB-S measurements

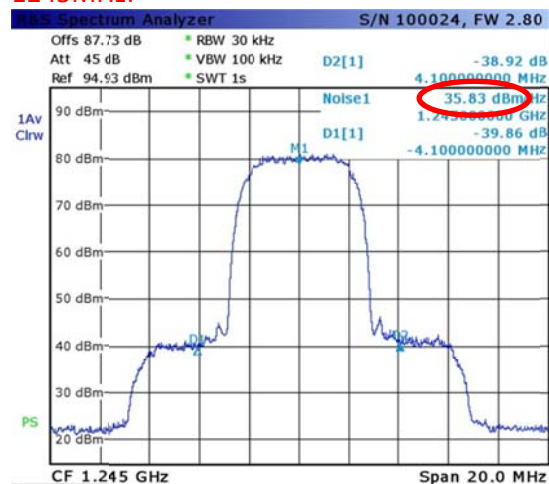
Tandberg SM5600 + 23cm homemade upconv. + 23cm ampli ERA5SM/RA18H1213G + dummyload.  
 Symbolrate 4167ks

**All tests @12.25Volt PA Ubias=4.98V**

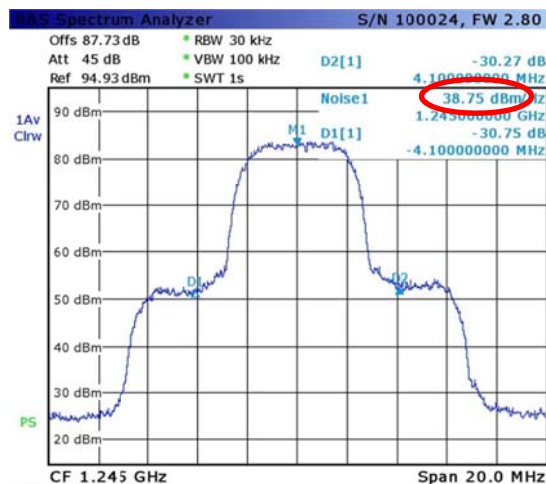
Marker/Noise + coupler compensation:  $64.33\text{dB} + 23.4\text{dB} = 87.73\text{dB}$

Example 1245MHz shoulders  $-40\text{dB} \rightarrow 35.83\text{dBm}$  (3.8W) shoulders  $-30\text{dB} \rightarrow 38.75\text{dBm}$  (7.5W)

**1245MHz:**

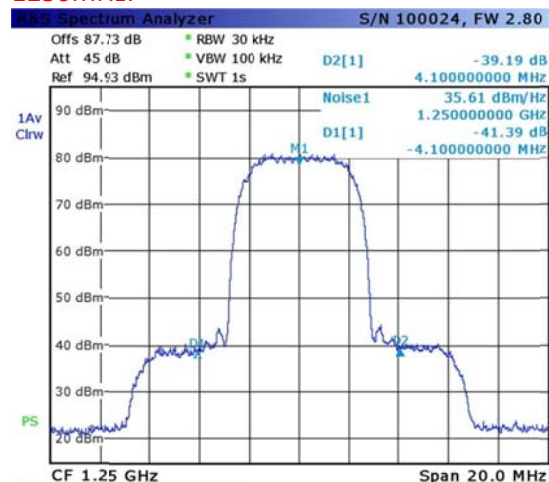


Date: 10.DEC.2016 09:52:09

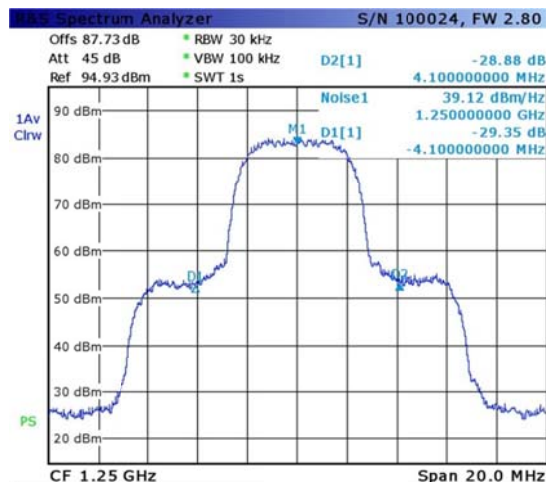


Date: 10.DEC.2016 10:10:48

**1250MHz:**

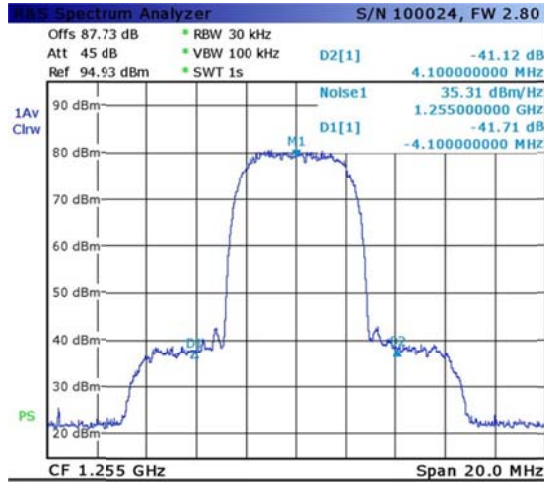


Date: 10.DEC.2016 09:50:20

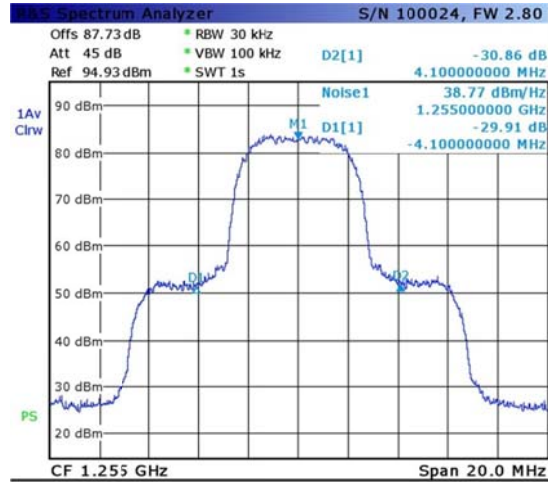


Date: 10.DEC.2016 10:09:47

## 1255MHz:

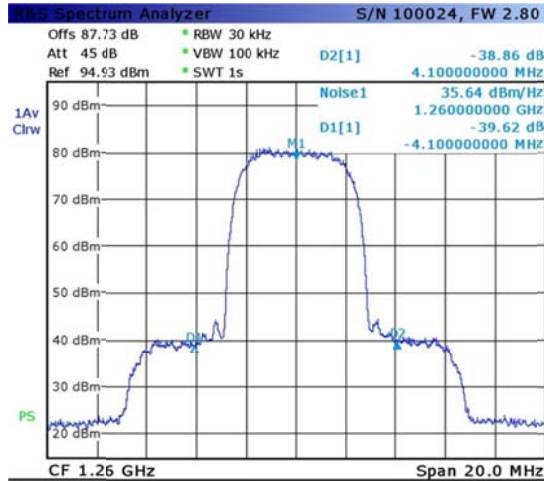


Date: 10.DEC.2016 09:53:52

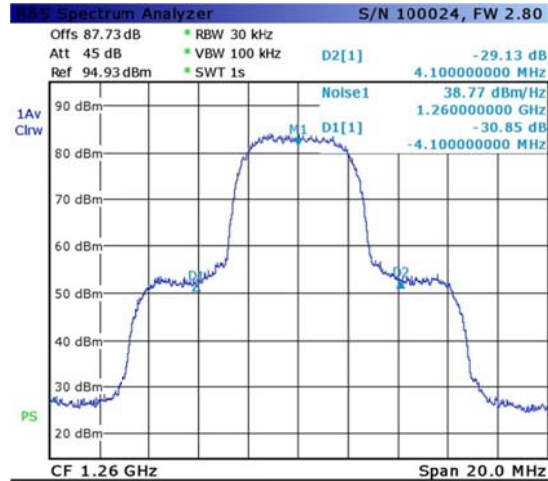


Date: 10.DEC.2016 10:12:43

## 1260MHz:

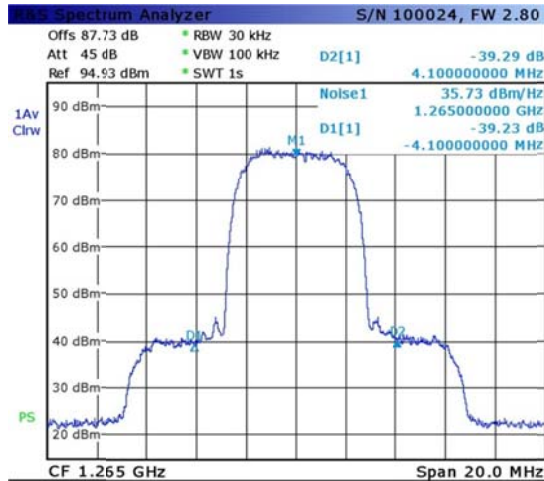


Date: 10.DEC.2016 09:55:05

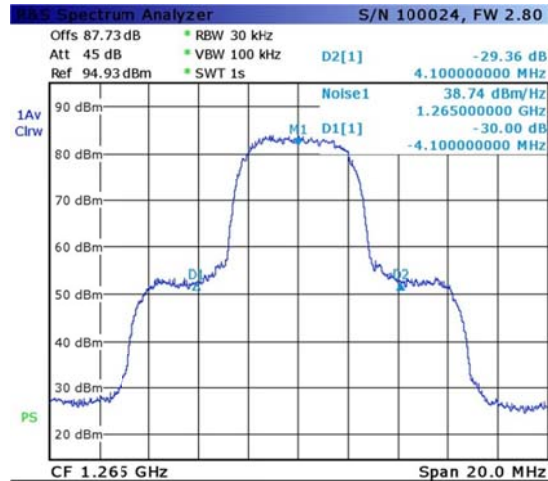


Date: 10.DEC.2016 10:14:00

## 1265MHz:

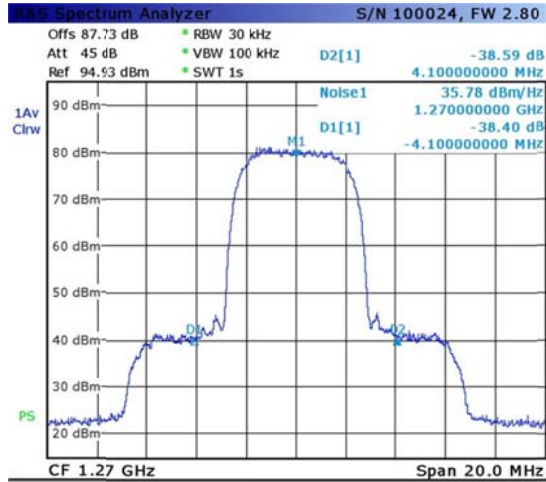


Date: 10.DEC.2016 09:56:17

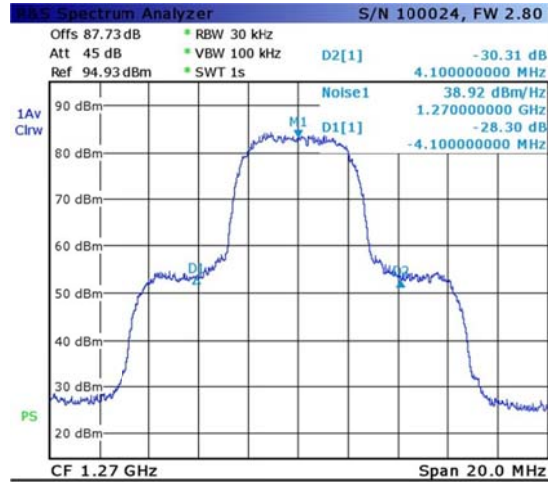


Date: 10.DEC.2016 10:08:41

## 1270MHz:

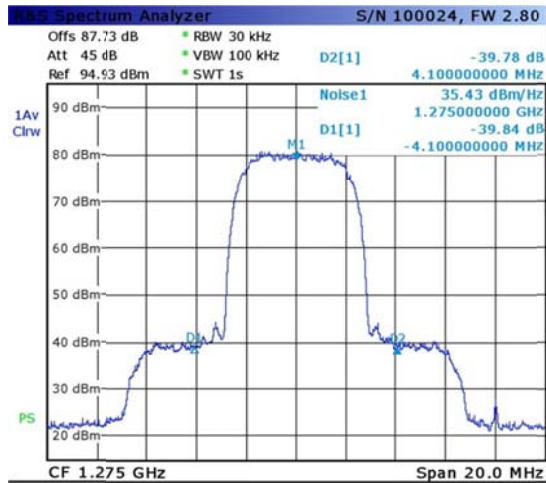


Date: 10.DEC.2016 09:57:28

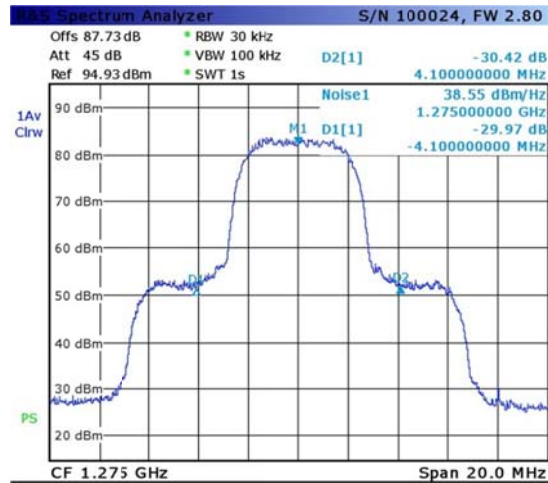


Date: 10.DEC.2016 10:15:26

## 1275MHz:

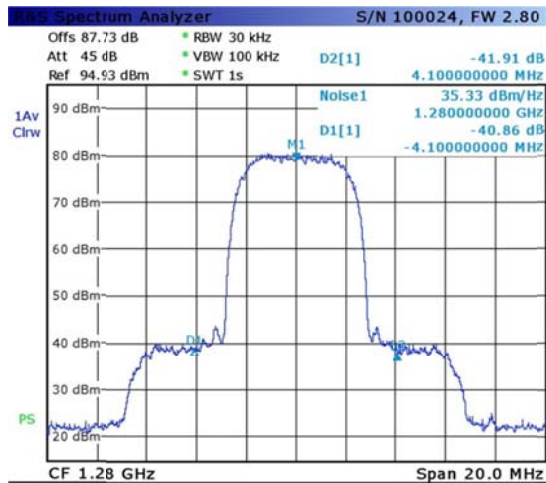


Date: 10.DEC.2016 09:59:01

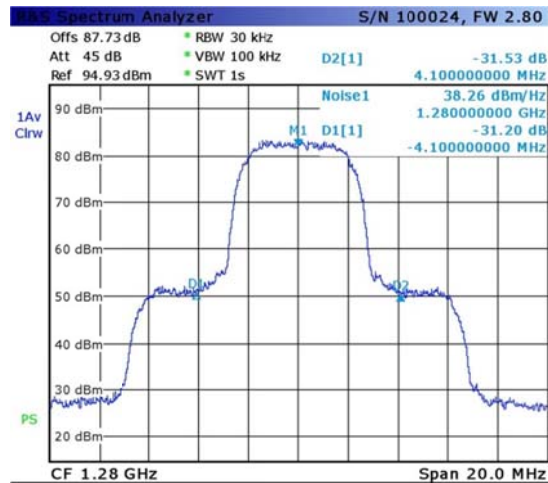


Date: 10.DEC.2016 10:16:37

## 1280MHz:

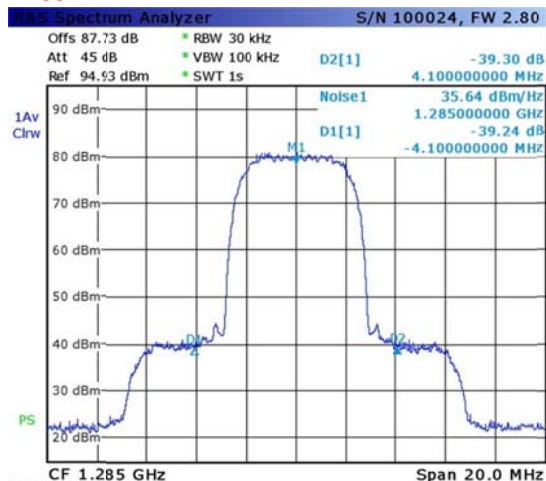


Date: 10.DEC.2016 10:00:52

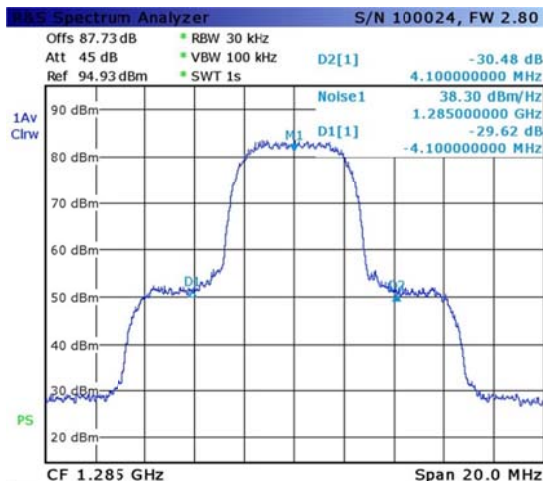


Date: 10.DEC.2016 10:07:25

1285MHz:

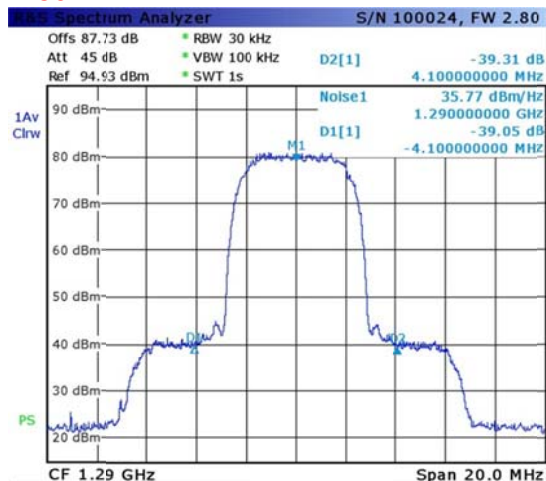


Date: 10-DEC-2016 10:02:20

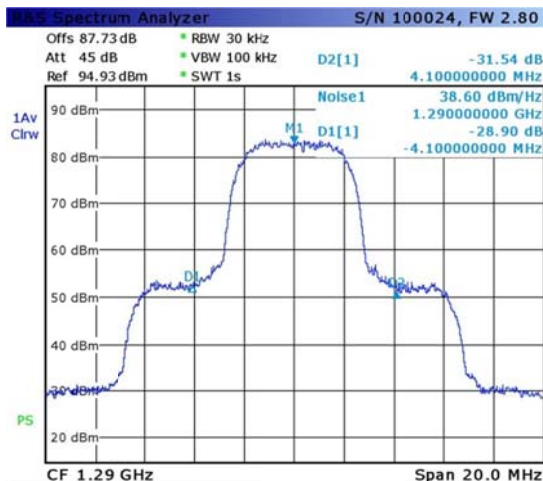


Date: 10-DEC-2016 10:17:59

1290MHz:

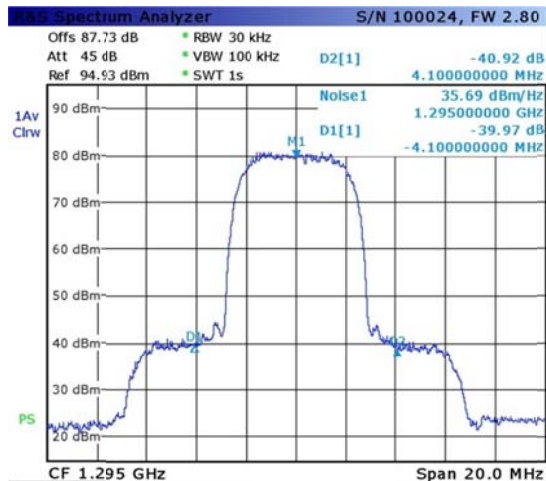


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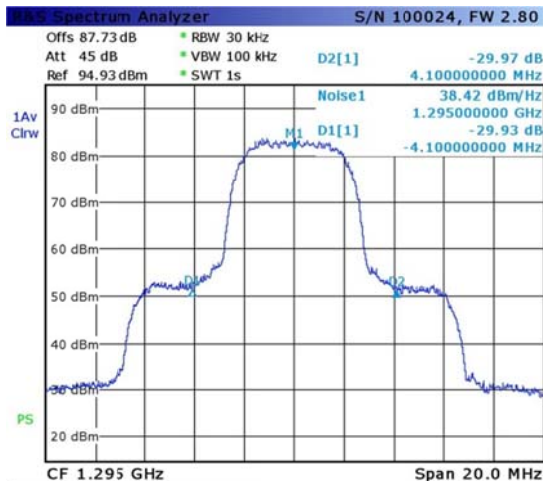


Date: 10.DEC.2016 10:19:02

1295MHz:



Date: 10.DEC.2016 10:04:42



Date: 10-DEC-2016 10:05:50