

## 5800 20dB BANDWIDTH FOR LCP300-L

### Applicable Rules:

**CFR47 §15.231(c): Periodic operation in the band 40.66-40.70 MHz and above 70 MHz.**

The bandwidth of the emission shall be no wider than 0.25% of the center frequency for devices operating above 70 MHz and below 900 MHz. For devices operating above 900 MHz, the emission shall be no wider than 0.5% of the center frequency. Bandwidth is determined at the points 20 dB down from the modulated carrier.

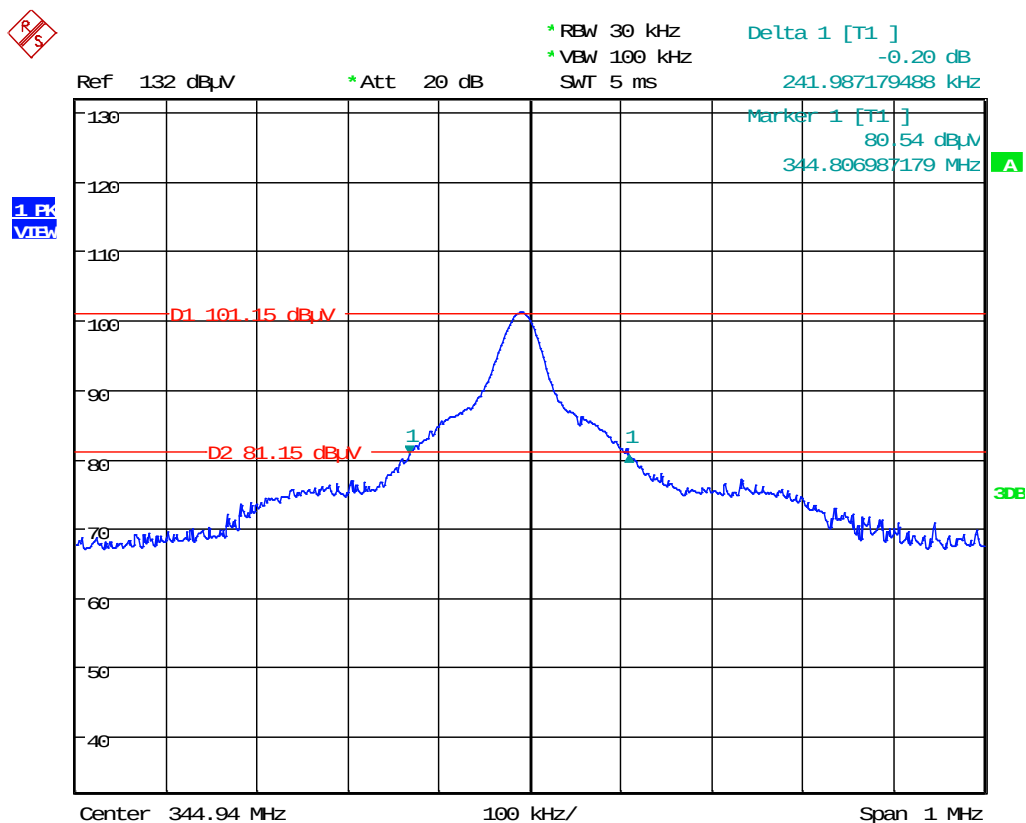
The 5800 radio transmits on a 344.94MHz carrier using OOK. The OBW measurement required is 20dB. The measured OBW is given below.

### Summary:

The maximum measured 20 dB OBW for the 5800 radio is **241.987 KHz**.

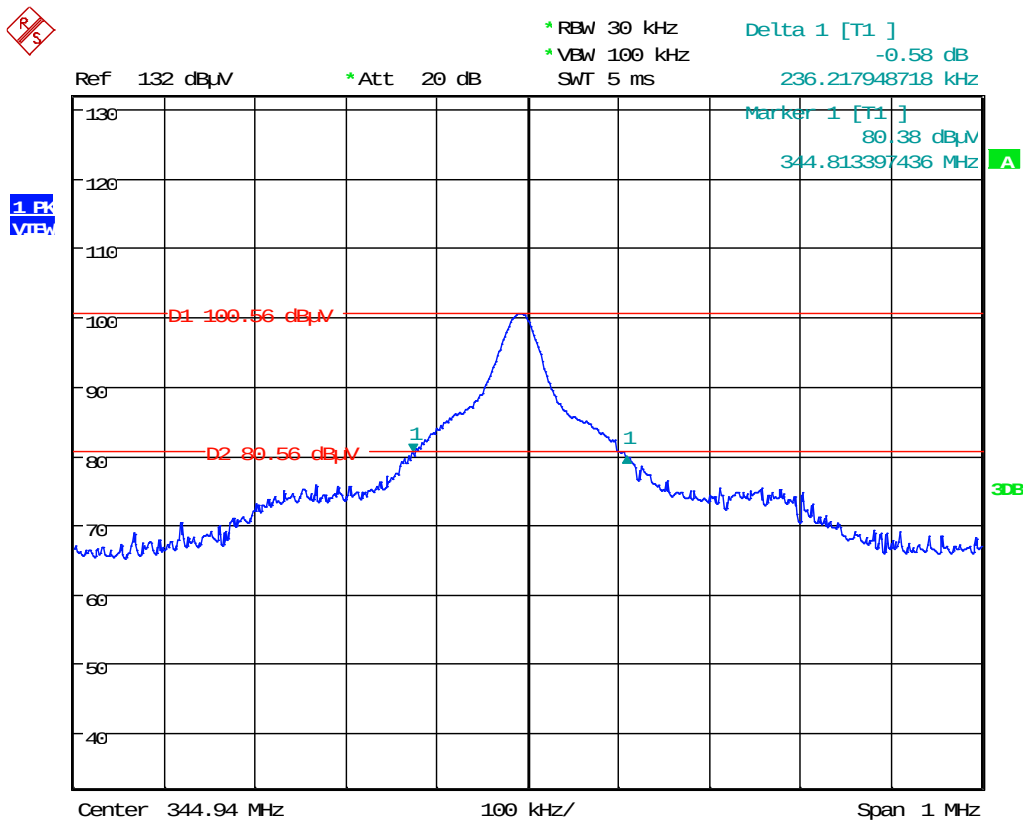
### Measurements:

**ANT 1:**



Date: 21.JUN.2016 16:00:10

**20dB Occupied Bandwidth: 241.987 KHz**

**5800 20dB BANDWIDTH FOR LCP300-L CONT.****ANT 2:**

Date: 22.JUN.2016 08:16:48

**20dB Occupied Bandwidth: 236.217 KHz**