

## DTS BANDWIDTH RF6 RADIO

### Applicable Rules:

**CFR47 §15.247(a)(2), KDB 558074 8.1** Systems using digital modulation techniques may operate in the 902-928 MHz, 2400-2483.5 MHz, and 5725-5850 MHz bands. The minimum 6 dB bandwidth shall be at least 500 kHz.

### IC RSS-247 §5.2.1, C63.10

#### 5.2 Digital Transmission Systems (DTSs)

DTSs include systems that employ digital modulation techniques resulting in spectral characteristics similar to direct sequence systems. The following applies to the bands 902-928 MHz and 2400-2483.5 MHz

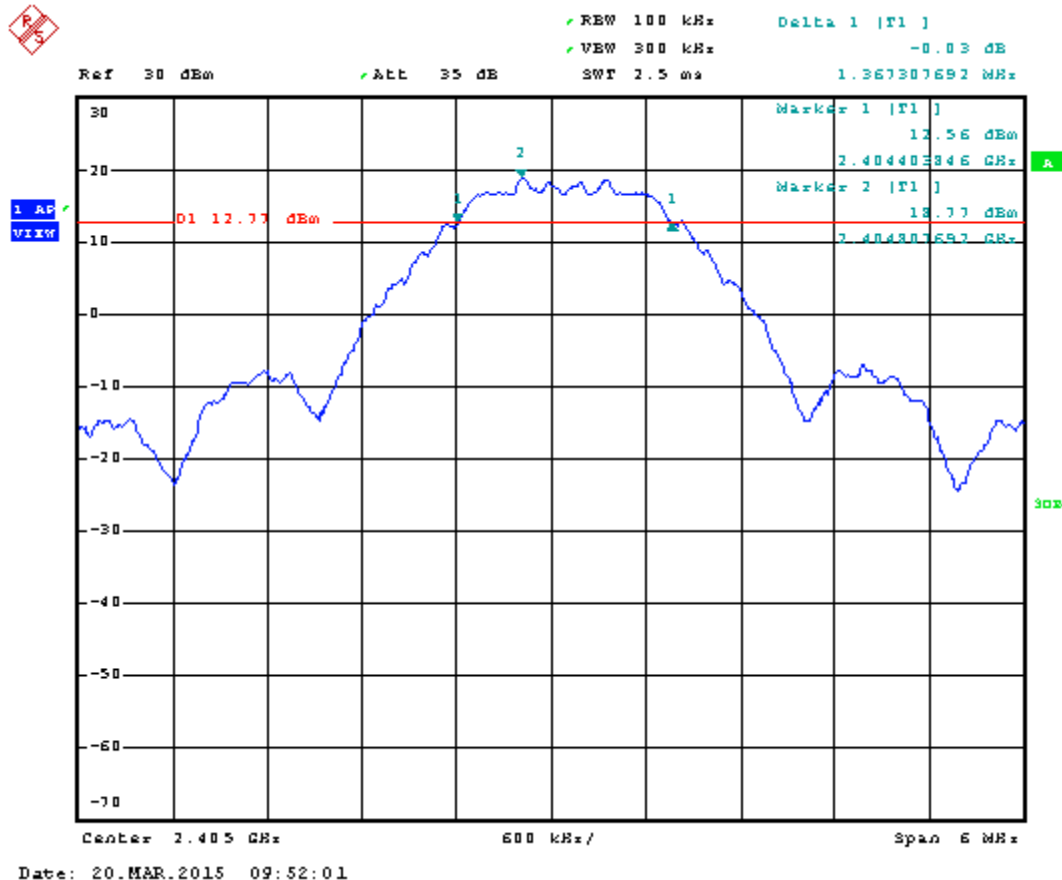
1. The minimum 6 dB bandwidth shall be 500 kHz.

### DTS Bandwidth:

The maximum measured DTS bandwidth across the modulations and channels is **1.582MHz**. Measurements are shown below.

## DTS BANDWIDTH FOR RF6 RADIO

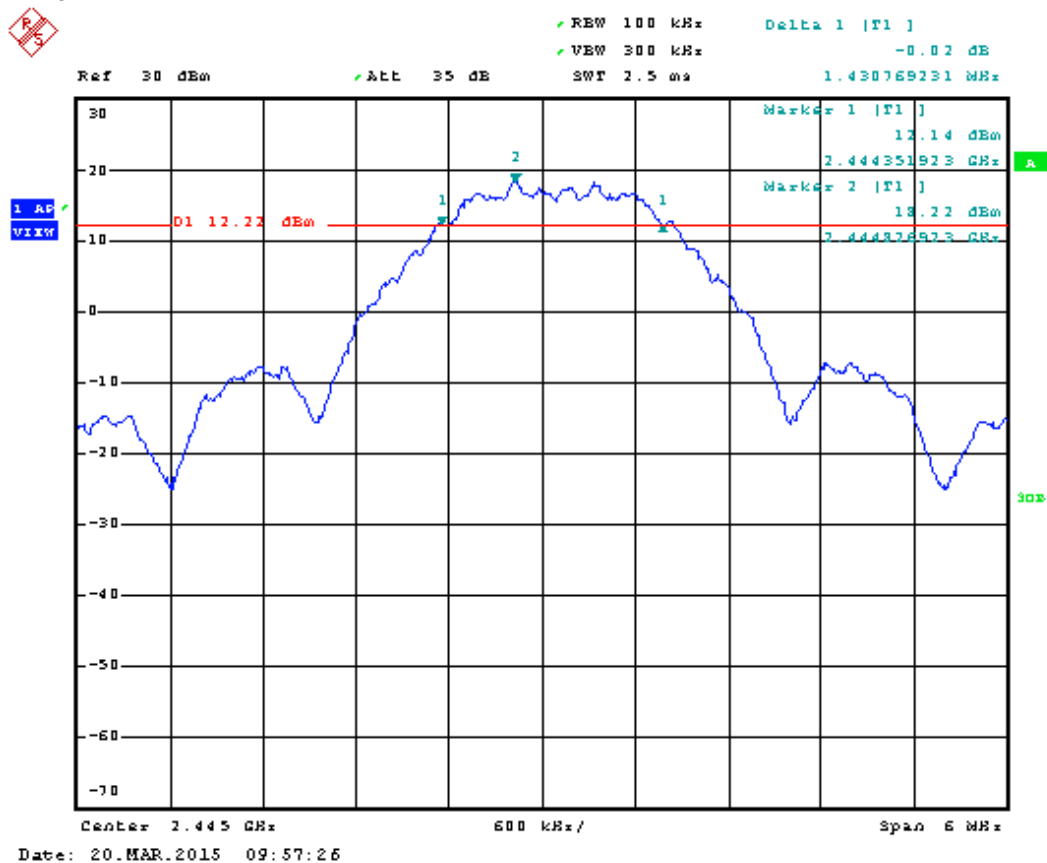
### Channel 11 Ant 1:



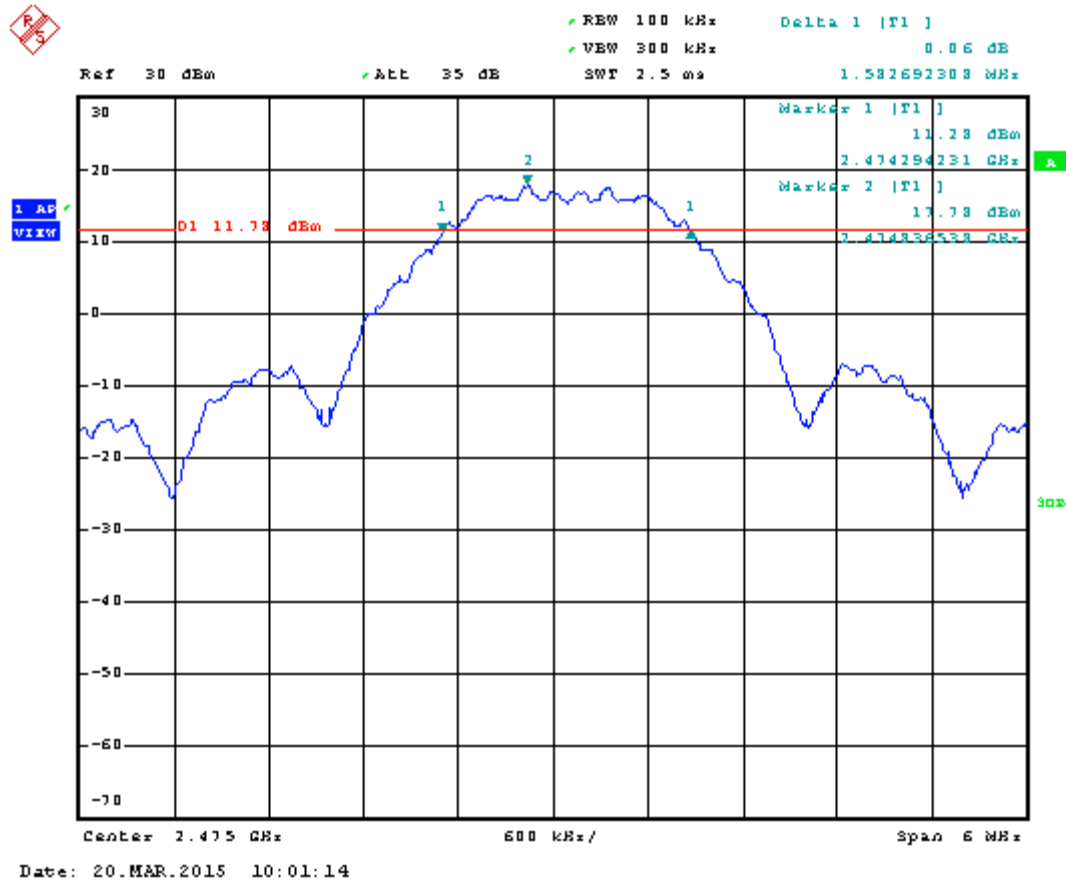
6 dB DTS Bandwidth: **1.367MHz**

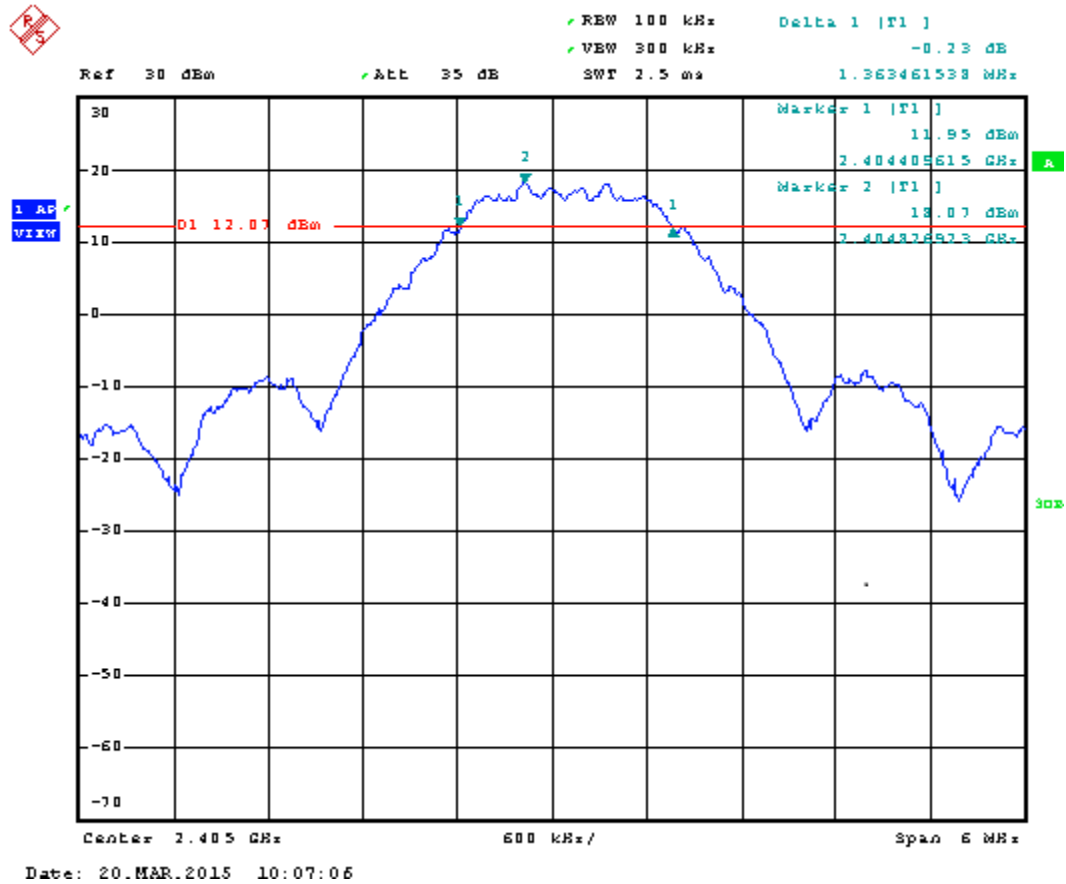
## DTS BANDWIDTH RF6 RADIO CONT.

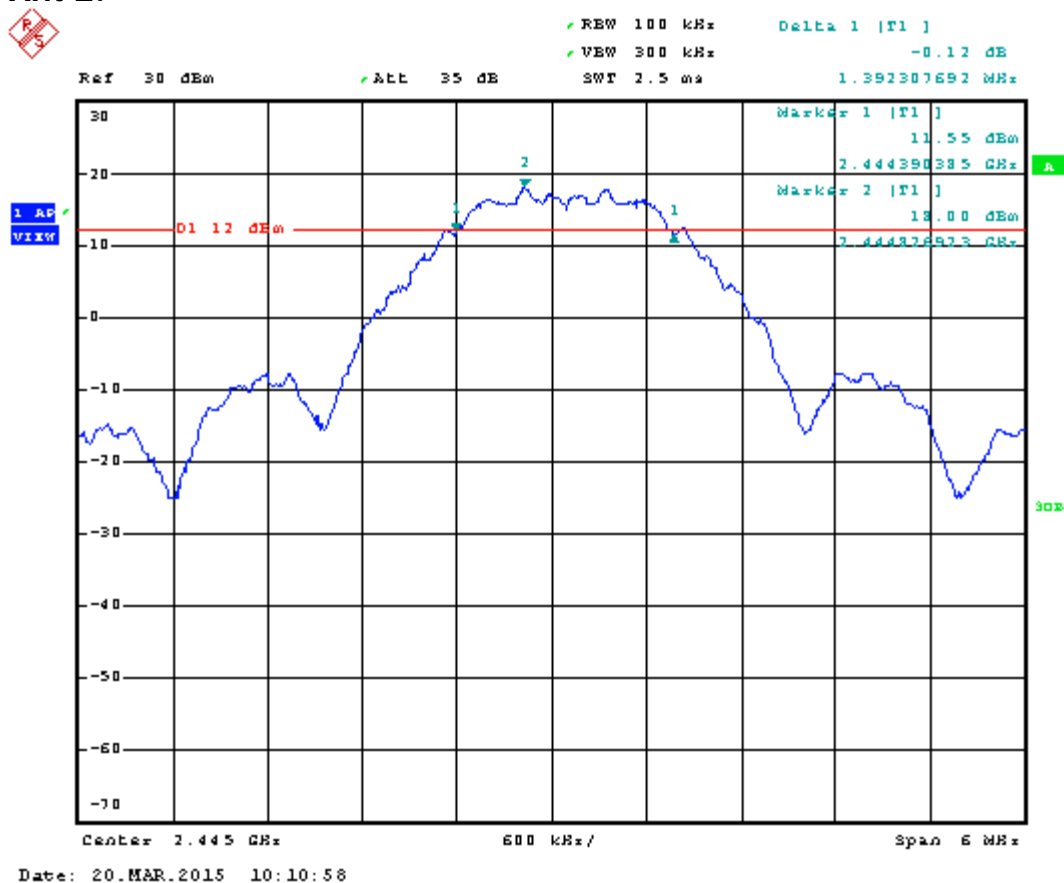
Channel 19 Ant 1:

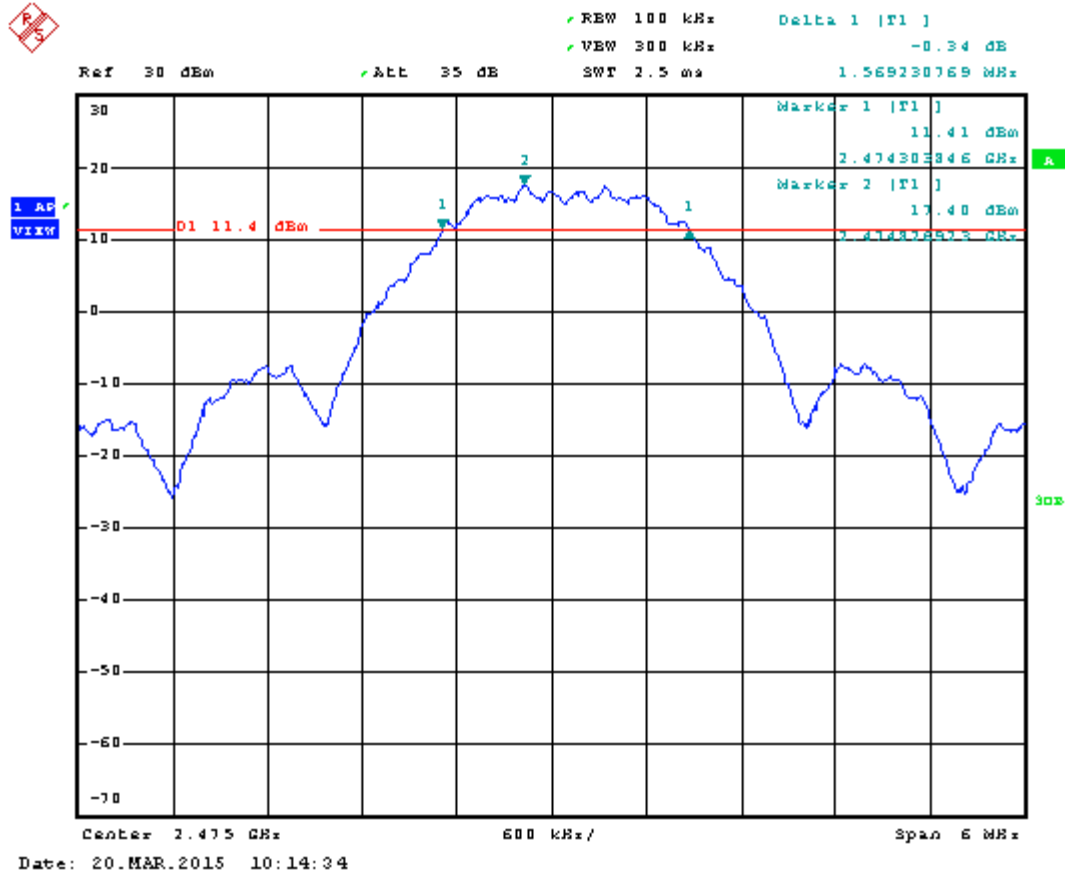


6 dB DTS Bandwidth: 1.431MHz

**DTS BANDWIDTH FOR RF6 RADIO CONT.****Channel 25 Ant 1:****6 dB DTS Bandwidth: 1.582MHz**

**DTS BANDWIDTH FOR RF6 RADIO CONT.****Channel 11 Ant 2:****6 dB DTS Bandwidth: 1.363MHz**

**DTS BANDWIDTH FOR RF6 RADIO CONT.****Channel 19 Ant 2:****6 dB DTS Bandwidth: 1.392MHz**

**DTS BANDWIDTH FOR RF6 RADIO CONT.****Channel 25 Ant 2:****6 dB DTS Bandwidth: 1.569MHz**