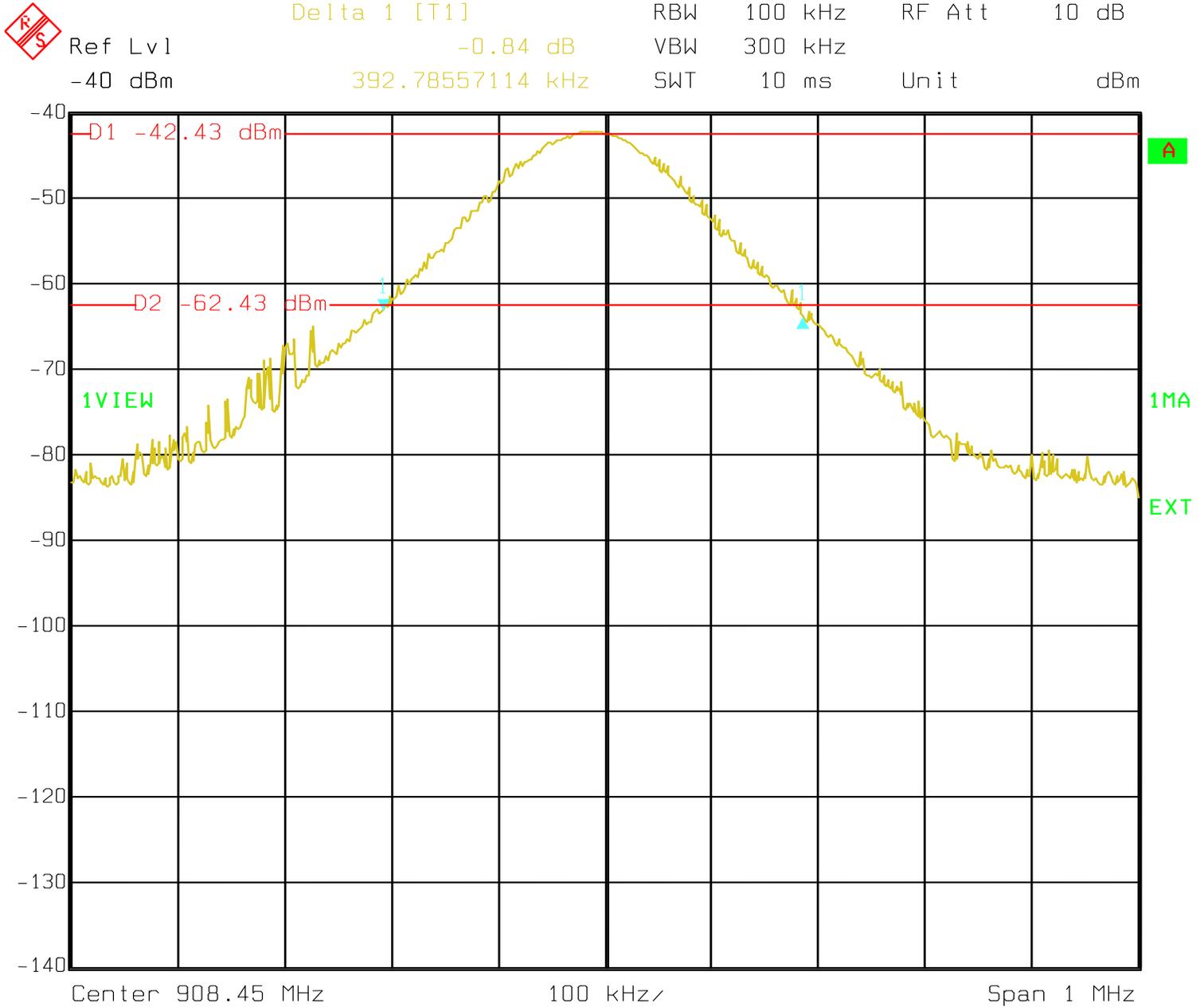


PER: § 15.215 (c) Intentional radiators operating under the alternative provisions to the general emission limits, as contained in §§ 15.217 through 15.257 and in Subpart E of this part, must be designed to ensure that the 20 dB bandwidth of the emission, or whatever bandwidth may otherwise be specified in the specific rule section under which the equipment operates, is contained within the frequency band designated in the rule section under which the equipment is operated. The requirement to contain the designated bandwidth of the emission within the specified frequency band includes the effects from frequency sweeping, frequency hopping and other modulation techniques that may be employed as well as the frequency stability of the transmitter over expected variations in temperature and supply voltage. If a frequency stability is not specified in the regulations, it is recommended that the fundamental emission be kept within at least the central 80% of the permitted band in order to minimize the possibility of out-of-band operation.

Since no specific bandwidth is called out in § 15.249 for the 902 to 928 MHz Band we are required by default to keep within the center 80 % of the 902 to 928 MHz band. Thus: $928 \text{ MHz} - 902 \text{ MHz} = 26 \text{ MHz} \times 20\% = 5.2 \text{ MHz}$ thus 2.6 MHz is equal to 10%. so the lower edge is 904.6 MHz and the upper edge is 925.4 MHz.



Date: 21.MAR.2011 14:13:15