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Determination of Necessary Bandwidth

The determination of necessary bandwidth is based on Annex J of the NTIA Manual of Regulation & Procedures for Radio Frequency Management.

Where:

$$B(-20 \text{ dB}) = 6.36/t$$

$B(-20\text{dB})$ is the necessary bandwidth in MHz.

t is the pulse width in μs .

This yields $B(-20) = 6.36/0.6 = 10.6\text{MHz}$