

Emissions Designator:

The necessary bandwidth calculation under part 2.201 for the IP9CST703 transmitter falls under the FM formula:

$$D = 2.5 \text{ kHz}$$

$$M = 3 \text{ kHz}$$

$$K = 1$$

$$BW = 2M + 2DK$$

$$\text{Estimated BW} = 11\text{kHz}$$

The emissions designator based on measurement is 11K2F3E. This emissions designator indicates that this is a NBFM audio channel transmitter with an occupied bandwidth of 11.2 kHz.