

Description of Emission	Necessary Bandwidth		Designation of Emission
	Formula	Sample Calculation	
Telegraphy, multi-channel with voice frequency, error correction, some channels are time-division multiplexed, single-sideband, reduced carrier	$B_n = \text{highest central frequency} + M + DK$ $M = \frac{1}{2}B$	15 channels; highest central frequency = 2,805 Hz $B = 100$ $D = 42.5 \text{ Hz}$ (85 Hz shift) $K = 0.7$ Bandwidth = 2.885 kHz	2K89R7BCW
2. Telephony (Commercial Quality)			
Telephony, double-sideband (single channel)	$B_n = 2M$	$M = 3,000$ Bandwidth = 6 kHz	6K00A3EJN
Telephony, single-sideband full carrier (single channel)	$B_n = M$	$M = 3,000$ Bandwidth = 3 kHz	3K00H3EJN
Telephony, single-sideband, suppressed carrier (single-channel)	$B_n = M - \text{lowest modulation frequency}$	$M = 3,000$ Lowest modulation frequency = 300 Hz Bandwidth = 2.7 kHz	2K70J3EJN
Telephony with separate frequency modulated signal to control the level of demodulated speech signal, single-sideband, reduced carrier (Lincompex) (single channel)	$B_n = M$	Maximum control frequency = 2,990 Hz $M = 2,990$ Bandwidth = 2.99 kHz	2K99R3ELN