

Bandwidth and Emissions as described in Parts 2.202 and 2.201, respectively, of the FCC's rules.

3.5Ghz uses adaptive modulation -

BPSK, QPSK, 16-QAM, 64-QAM Modulation

Using the formula provided in the documents from FCC Rules, Parts 2.201 and 2.202:

$B_n = 2R/\log_2 S$ assuming $R = 70$ Mbps, $S=64$ for 64 QAM evaluates $B_n = 23.33$ Mhz

We think that emission standard should evaluate to 23M33G1D, thus, on the upper limit, it would 23M33.

Assuming $R=20$ Mbps, B_n evaluates to 6.67 i.e., 6M67G1D

Using 20M0, we would get Data Rate ranging from 10Mbps to 60 Mbps.