

Necessary Bandwidth Description:

I measured bandwidth using a 9 kHz EMI bandwidth and 1 MHz span. The spectrum analyzer was in peak hold for multiple test messages that are representative of normal data. The numbers measured are:

-39.65 dBm at 916.485 MHz peak power

-63.27 dBm at 916.442 MHz

-63.48 MHz at 916.525 MHz

bandwidth at -23 dBm points: 0.083 MHz

I will use 0.100 MHz for the STA.

This measurement is of relative powers using a non-calibrated antenna at close field range. Spectrum analyzer (5891A sn 314A02432) is in cal until 20 December 2001. The dBm are certainly not calibrated, but I believe give us good relative power measurements.

Please note as well that the trial device uses transmitting systems unmodified from our certified Part 15 equipment.

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