

Exhibit J:

L5X-PMP-01-240

Occupied Bandwidth

This Exhibit provides a response to Section 2.1049, based on the requirements specified in Section 101.109.

<u>Frequency Band</u>	<u>Maximum Authorized Bandwidth</u>
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24.250 GHz to 25.250 GHz

40 MHz

Refer to Table 1. Domestic Modulated Data Rates. In the column under the heading DSB BW (MHz) occupied Bandwidths are listed and referenced to each Modulation Type and selected Bit Rate.

Table 1. Domestic Modulated Data Rates

Modulation Type	ATM Bit Rate (Mbits/sec)	Symbol Rate (Msym/sec)	DSB BW (MHz)	Channel Spacing (MHz)
64-QAM	7.2	1.316528	1.475	2.0
64-QAM	14.4	2.619781	2.934	4.0
64-QAM	21.7	3.949127	4.423	5.6
64-QAM	30.9	5.625000	6.300	8.0
64-QAM	40.0	7.265625	8.138	10.0
16-QAM	4.8	1.316528	1.475	2.0
16-QAM	9.6	2.619781	2.934	4.0
16-QAM	14.5	3.949127	4.423	5.6
16-QAM	20.6	5.625000	6.300	8.0
16-QAM	26.7	7.265625	8.138	10.0
QPSK	2.4	1.316528	1.475	2.0
QPSK	4.8	2.619781	2.934	4.0
QPSK	7.2	3.949127	4.423	5.6
QPSK	10.3	5.625000	6.300	8.0
QPSK	13.3	7.265625	8.138	10.0