

Radio Transmit Power – ODU-B			
Modulation	Maximum Transmit Power – FCC (dBm)		
	Frequency (GHz)		
	11	18	23
QPSK	20.0	24.0	23.0
16 QAM	20.0	23.0	23.0
32 QAM	20.0	23.0	23.0
64 QAM	20.0	19.0	19.0
128 QAM	20.0	19.0	19.0
256 QAM	20.0	17.0	17.0

Radio Receive Sensitivity – ODU-B				
BER = 1e-6	Modulation	Frequency (GHz)		
		11	18	23
Receive Sensitivity @ 80 MHz channel (dBm)	256 QAM	N/A	-62.6	N/A
	128 QAM	N/A	-67.2	N/A
	64 QAM	N/A	-71.2	N/A
	32 QAM	N/A	-74.9	N/A
	16 QAM	N/A	-77.9	N/A
	QPSK	N/A	-84.2	N/A
Receive Sensitivity @ 50 MHz channel (dBm)	256 QAM	N/A	-63.2	-62.7
	128 QAM	N/A	-68.0	-67.5
	64 QAM	N/A	-72.2	-71.7
	32 QAM	N/A	-75.7	-75.2
	16 QAM	N/A	-78.9	-78.4
Receive Sensitivity @ 40 MHz channel (dBm)	256 QAM	-64.7	-64.7	-64.2
	128 QAM	-68.9	-68.9	-68.4
	64 QAM	-72.0	-72.0	-71.5
	32 QAM	-76.7	-76.7	-76.2
	16 QAM	-80.1	-80.1	-79.6
Receive Sensitivity @ 30 MHz channel (dBm)	256 QAM	-65.4	-65.4	-64.9
	128 QAM	-70.3	-70.3	-69.8
	64 QAM	-72.1	-72.1	-71.6
	32 QAM	-78.0	-78.0	-77.5
	16 QAM	-81.3	-81.3	-80.8
Receive Sensitivity @ 20 MHz channel (dBm)	256 QAM	N/A	-68.0	-67.5
	128 QAM	N/A	-72.1	-71.6
	64 QAM	N/A	-75.1	-74.6
	32 QAM	N/A	-78.6	-78.1
	16 QAM	N/A	-82.7	-82.2
Receive Sensitivity @ 10 MHz channel (dBm)	128 QAM	-74.3	-74.3	-73.8
	64 QAM	-77.9	-77.9	-77.4
	32 QAM	-81.6	-81.6	-81.1
	16 QAM	-85.9	-85.9	-85.4
	QPSK	-92.1	-92.1	-91.6

NOTE:

While the information presented herein is, to the best of our knowledge, true and accurate, the information provided in this document is subject to change without notice.

For more information, refer to the [PTP 810 Data Sheet](#).

