

**mXRS System**  
3 Channels active

Continuous										
# of Nodes	1Hz	2Hz	4Hz	8Hz	16Hz	32Hz	64Hz	128Hz	256Hz	512Hz
% of bandwidth used										
2	1.56%	1.56%	1.56%	1.56%	1.56%	3.13%	6.26%	12.51%	25.02%	1 node max 50.05%
4	3.13%	3.13%	3.13%	3.13%	3.13%	6.26%	12.51%	25.02%	50.05%	
6	4.69%	4.69%	4.69%	4.69%	4.69%	9.38%	18.77%	37.54%	75.07%	
8	6.26%	6.26%	6.26%	6.26%	6.26%	12.51%	25.02%	50.05%	7 nodes max	
10	7.82%	7.82%	7.82%	7.82%	7.82%	15.64%	31.28%	62.56%	87.59%	
15	11.73%	11.73%	11.73%	11.73%	11.73%	23.46%	46.92%	93.84%	15 nodes max	
20	15.64%	15.64%	15.64%	15.64%	15.64%	31.28%	62.56%	93.84%	15 nodes max	
30	23.46%	23.46%	23.46%	23.46%	23.46%	46.92%	93.84%	93.84%	15 nodes max	
50	39.10%	39.10%	39.10%	39.10%	39.10%	78.20%	93.84%	93.84%	15 nodes max	
							31 nodes max,96.97%			

Scheduled									
Sample Rate:	32Hz	64Hz	128Hz	256Hz	512Hz	1024Hz	2048Hz		
Duration:	100 samples	200 samples	400 samples	800 samples	1600 samples	3100 samples	6200 samples		
Sample duration set to get approx 3 sec of data with the smallest interval to allow the number of nodes in the table	# of Nodes	Interval (in seconds), % of bandwidth used							
	2	8 sec, 3.13%	8 sec, 6.26%	8 sec, 12.51%	9 sec, 50.05%	11 sec, 50.05%	14 sec, 50.05%	20 sec, 50.05%	
	4	8 sec, 6.26%	8 sec, 12.51%	8 sec, 25.02%	11 sec, 50.05%	14 sec, 50.05%	20 sec, 50.05%	32 sec, 50.05%	
	10	8 sec, 15.64%	8 sec, 31.28%	8 sec, 62.56%	14 sec, 62.56%	20 sec, 62.56%	32 sec, 62.56%	56 sec, 62.56%	
	15	8 sec, 23.46%	8 sec, 46.92%	15 nodes max	14 sec, 93.84%	20 sec, 93.84%	32 sec, 93.84%	56 sec, 93.84%	
	20	8 sec, 31.28%	8 sec, 62.56%	8 sec, 93.84%	20 sec, 62.56%	33 sec, 62.56%	56 sec, 62.56%	104 sec, 62.56%	
	30	8 sec, 46.92%	8 sec, 93.84%		20 sec, 93.84%	33 sec, 93.84%	56 sec, 93.84%	104 sec, 93.84%	
	50	8 sec, 78.20%	31 nodes max		33 sec, 78.20%	58 sec, 78.20%	104 sec, 78.20%	201 sec, 78.20%	
		8 sec, 96.97%							