

mXRS System  
1 Channel 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%	1.56%	3.13%	6.26%	12.51%	50.05%
4	3.13%	3.13%	3.13%	3.13%	3.13%	3.13%	6.26%	12.51%	25.02%	3 nodes max 75.07%
6	4.69%	4.69%	4.69%	4.69%	4.69%	4.69%	9.38%	18.77%	37.54%	
8	6.26%	6.26%	6.26%	6.26%	6.26%	6.26%	12.51%	25.02%	50.05%	15 Nodes max 93.84%
10	7.82%	7.82%	7.82%	7.82%	7.82%	7.82%	15.64%	31.28%	62.56%	
15	11.73%	11.73%	11.73%	11.73%	11.73%	11.73%	23.46%	46.92%		
20	15.64%	15.64%	15.64%	15.64%	15.64%	15.64%	31.28%	62.56%		31 Nodes max
30	23.46%	23.46%	23.46%	23.46%	23.46%	23.46%	46.92%			
50	39.10%	39.10%	39.10%	39.10%	39.10%	39.10%	78.20%	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	
# of Nodes	Interval (in seconds), % of bandwidth used							
2	8 sec, 1.51%	8 sec, 3.13%	8 sec, 6.26 %	8 sec, 50.05%	9 sec, 50.05%	10 sec, 50.05%	12 sec, 50.05%	
4	8 sec, 3.13%	8 sec, 6.26%	8 sec, 12.51%	8 sec, 25.02%	10 sec, 50.05%	12 sec, 50.05%	16 sec, 50.05%	
10	8 sec, 7.82%	8 sec, 15.64%	8 sec, 31.28%	10 sec, 62.56%	12 sec, 62.56%	16 sec, 62.56%	24 sec, 62.56%	
15	8 sec, 11.73%	8 sec, 23.46%	8 sec, 46.92%	10 sec, 93.84%	12 sec, 93.84%	16 sec, 93.84%	24 sec, 93.84%	
20	8 sec, 15.64%	8 sec, 31.28%	8 sec, 62.56%	12 sec, 62.56%	16 sec, 62.56%	24 sec, 62.56%	39 sec, 62.56%	
30	8 sec, 23.46%	8 sec, 46.92%	31 Nodes max	12 sec, 93.84%	16 sec, 93.84%	24 sec, 93.84%	40 sec, 93.84%	
50	8 sec, 39.1%	8 sec, 78.2%	8 sec, 96.97%	16 sec, 78.20%	24 sec, 78.20%	40 sec, 78.20%	72 sec, 78.20%	

Sample duration set to get approx 3 sec of data with the smallest interval to allow the number of nodes in the table