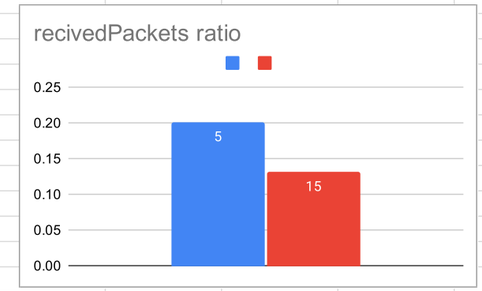
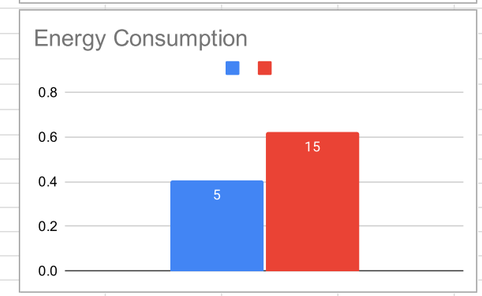
node_num	5		15	
nodes	energyConsumed	sentPackets		
0	399	4840	392.3795971	4671
1	393	4808	394.076201	4728
2	390	4740	399.9809825	4749
3	391	4782	408.6893004	4750
4	398	4823	387.9403965	4768
5			396.5831974	4783
6			394.0243935	4794
7			386.8287298	4812
8			395.4779579	4831
9			398.6874334	4841
10			399.5329807	4842
11			396.6934597	4852
12			394.7721254	4854
13			391.7827213	4883
14			389.3040074	4969
totalEnergyCons	1971		5926.753484	
totalSent		23993		72127
totalRecieved	4840		9519	
receivedPack rat	0.2017255033		0.1319755431	
EnergyConsump	0.407231405		0.6226235407	

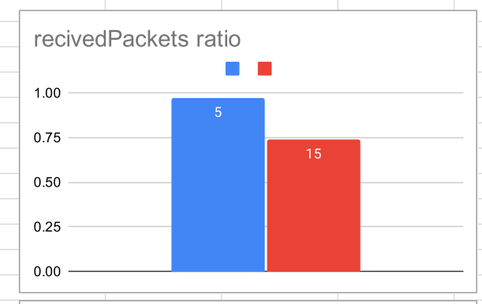
initialLoRaSF	7
initialLoRaTP	7
initialLoRaBW	125

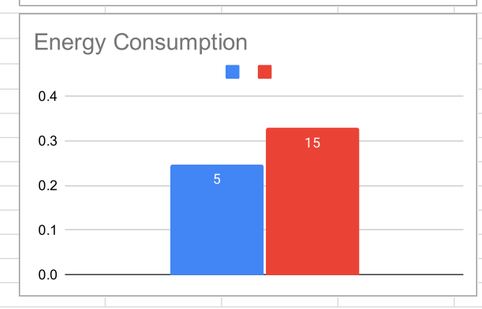




node_num	5		15	
nodes	energyConsumed	sentPackets		
15	456.4848012	1896	459.6606914	1887
16	458.8696841	1899	461.3717441	1890
17	460.5288041	1910	462.6254409	1891
18	461.4800808	1912	463.1677706	1901
19	464.0156345	1920	463.5237995	1905
20			465.1440896	1908
21			466.1634389	1913
22			466.9313413	1915
23			467.0657451	1915
24			468.2448739	1919
25			468.486735	1920
26			468.6527092	1921
27			470.0957058	1922
28			470.3124324	1930
29			471.247886	1937
totalEnergyCons	2301.379005		6992.694404	
totalSent		9537		28674
totalRecieved	9299		21277	
receivedPack rat	0.9750445633		0.7420311083	
EnergyConsump	0.2474867195		0.3286503926	

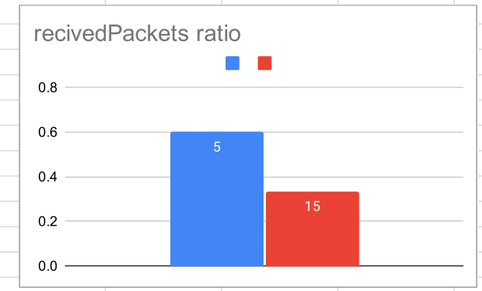
initialLoRaSF	12
initialLoRaTP	7
initialLoRaBW	125

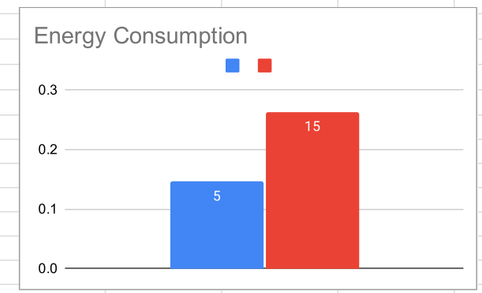




node_num	5		15	
nodes	energyConsumed	sentPackets		
15	419.926342	4760	412.0869612	4705
16	421.220245	4772	415.473782	4705
17	425.9132989	4846	417.1725837	4728
18	428.2194133	4863	417.4666582	4730
19	428.2299055	4914	417.8544692	4733
20			417.8855967	4735
21			418.1470404	4752
22			420.7890988	4764
23			421.8863377	4774
24			421.9940987	4777
25			423.2712797	4780
26			424.4517142	4873
27			426.5875086	4891
28			431.7913496	4915
29			433.7169234	4941
totalEnergyCons	2123.509205		6320.575402	
totalSent		24155		71803
totalRecieved	14494		23978	
receivedPack rat	0.6000413993		0.3339414788	
EnergyConsump	0.1465095353		0.2635989408	

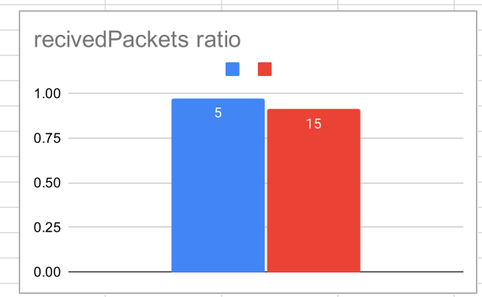
initialLoRaSF	7
initialLoRaTP	14
initialLoRaBW	125

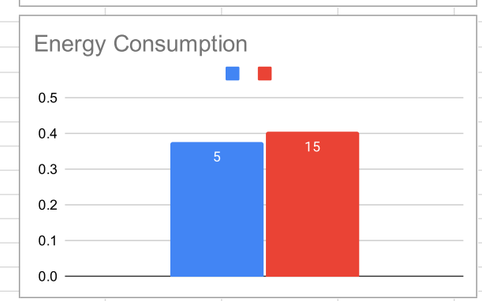




node_num	5		15	
nodes	energyConsumed	sentPackets		
15	693.9439426	1896	696.3493726	1881
16	697.6170306	1899	700.4438608	1895
17	700.3496549	1910	701.6645338	1895
18	701.6229829	1912	701.7319024	1897
19	705.768793	1920	701.9152117	1908
20			702.5232688	1909
21			704.9509741	1910
22			705.6393558	1914
23			706.8701331	1919
24			709.0663936	1919
25			709.1378561	1924
26			709.6310416	1926
27			709.9678454	1928
28			717.1888356	1932
29			718.4220927	1941
totalEnergyCons	3499.302404		10595.50268	
totalSent		9537		28698
totalRecieved	9299		26204	
receivedPack rat	0.9750445633		0.9130949892	
EnergyConsump	0.3763095391		0.4043467668	

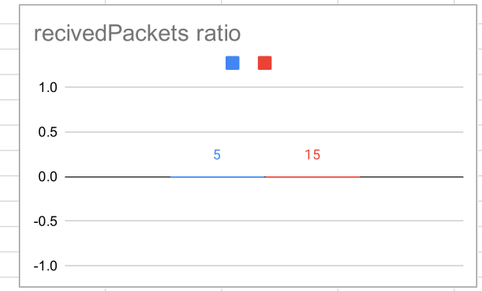
initialLoRaSF	12
initialLoRaTP	14
initialLoRaBW	125

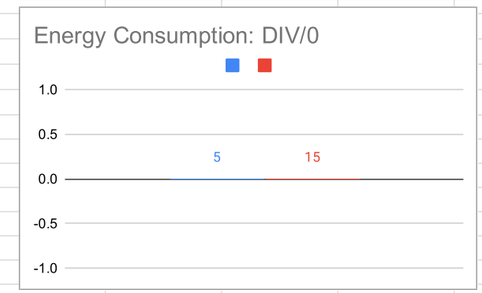




node_num	5		15	
nodes	energyConsumed	sentPackets		
15	368.2869911	4717	368.3088952	4675
16	375.0801064	4776	370.6634212	4682
17	377.5689052	4777	373.2158219	4752
18	377.6345127	4801	375.6484728	4759
19	378.6393655	4836	376.1792224	4801
20			376.1904131	4815
21			378.8694204	4832
22			379.1346709	4835
23			379.3507844	4843
24			379.7463073	4844
25			380.1535202	4847
26			380.6916017	4859
27			381.5642705	4869
28			383.6443266	4921
29			386.1382767	4923
totalEnergyCons	1877.209881		5669.499425	
totalSent		23907		72257
totalRecieved	0		0	
receivedPack rat	0		0	
EnergyConsump	#DIV/0!		#DIV/0!	

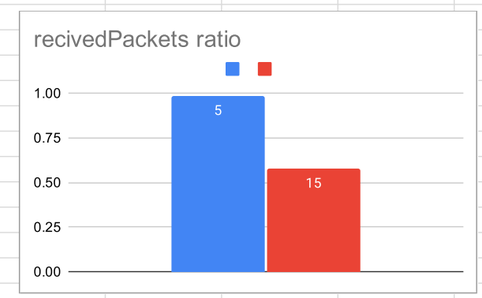
initialLoRaSF	7
initialLoRaTP	7
initialLoRaBW	250

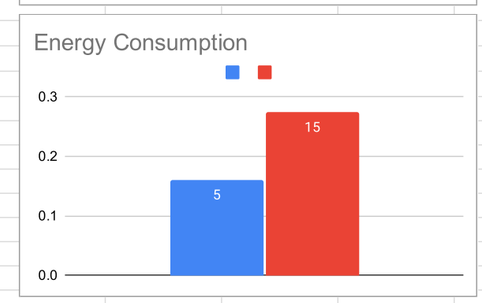




node_num	5		15	
nodes	energyConsumed	sentPackets		
15	296.4119961	1874	298.7263183	1879
16	301.2593783	1906	298.7468705	1883
17	301.7047088	1910	299.9271201	1886
18	303.3062903	1915	300.5264348	1897
19	304.1200446	1934	300.7488025	1899
20			302.6321338	1907
21			302.6681293	1910
22			303.5646769	1911
23			303.8982559	1912
24			304.1623645	1919
25			304.4382346	1919
26			304.5765343	1920
27			304.7029865	1926
28			306.3920291	1931
29			307.4045057	1936
totalEnergyCons	1506.802418		4543.115397	
totalSent		9539		28635
totalRecieved	9418		16605	
receivedPack rat	0.9873152322		0.5798847564	
EnergyConsump	0.1599917624		0.273599241	

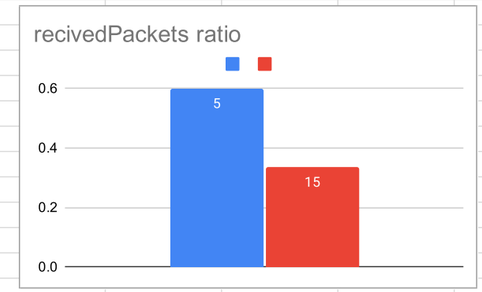
initialLoRaSF	12
initialLoRaTP	7
initialLoRaBW	250

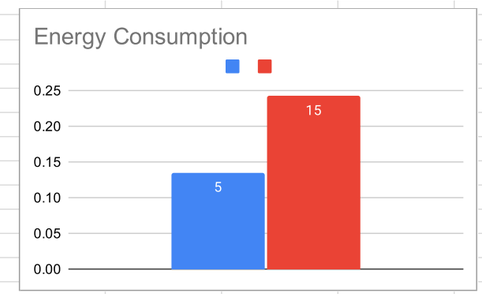


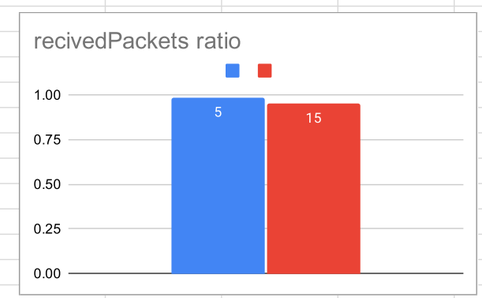
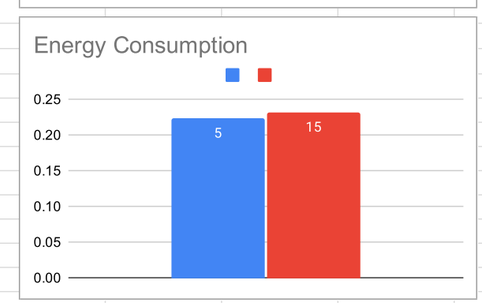


node_num	5		15	
nodes	energyConsumed	sentPackets		
15	398.3451392	4813	402.4222393	4965
16	396.4327878	4837	396.9843251	4889
17	394.0327546	4840	395.1128238	4854
18	391.5217491	4885	394.8316245	4838
19	391.5204866	4894	393.0848885	4836
20			391.7617516	4836
21			391.1282034	4817
22			390.0174256	4795
23			389.9414031	4785
24			387.649801	4773
25			387.3729597	4755
26			386.9462602	4745
27			386.6642642	4737
28			385.4952605	4718
29			380.465266	4684
totalEnergyCons	1971.852917		5859.878496	
totalSent		24269		72027
totalRecieved	14532		24095	
receivedPack rat	0.598788578		0.33452733	
EnergyConsump	0.1356904017		0.2431989415	

initialLoRaSF	7
initialLoRaTP	14
initialLoRaBW	250





node_num	5		15	
nodes	energyConsumed	sentPackets		
15	425.050299	1934	427.535704	1932
16	423.9144935	1915	425.9418133	1923
17	421.6151342	1910	425.5439318	1921
18	421.0624533	1906	425.1061991	1920
19	414.2827634	1874	424.8462983	1919
20			424.8076727	1916
21			423.8556744	1915
22			423.469945	1908
23			423.3433956	1907
24			421.3240727	1906
25			421.2368748	1905
26			421.0051773	1902
27			420.1694188	1901
28			418.137378	1896
29			417.9567627	1894
totalEnergyCons	2105.925143		6344.280319	
totalSent		9539		28665
totalRecieved	9418		27338	
receivedPack rat	0.9873152322		0.9537066108	
EnergyConsump	0.2236064072		0.2320681951	

initialLoRaSF	12
initialLoRaTP	14
initialLoRaBW	250