



Satcom Solutions Inc.

Model #	MCL 125W Ku-Band BUC, 14.0GHz - 14.5GHz					
Testing Notes	AC input of 120V 10MHz Required LO 13050 = L Band in of 950MHz - 1450MHz Up Converts to 14.0GHz - 14.5GHz Input from CDM570L was set the -26.55dBm Power range controlled by the amplifier attenuation set initially at 20dB					
	14.0 GHz		14.25 GHz		14.5GHz	
Attenuation	Power dB	Helix	Power dB	Helix	Power dB	Helix
20	32.0	0.9	31.9	0.9	31.9	0.9
18	34.3	0.9	34.4	0.9	34.3	0.9
16	36.2	0.9	36.1	0.9	36.1	0.9
14	38.5	1.0	38.4	1.0	38.2	1.0
12	40.5	1.1	40.3	1.1	40.3	1.1
10	42.4	1.3	42.3	1.3	42.2	1.3
8	44.4	2.0	44.1	1.9	44.2	1.9
6	46.4	3.1	46.2	2.9	46.2	2.8
4	48.2	3.1	48.2	3.0	48.1	2.8
2	50.0	2.8	49.8	2.7	49.9	2.6
0	51.3	2.9	51.3	2.7	51.3	2.7
P1dB	134 watts		134 watts		134 watts	