

TUNER Spec

RF IN (QAM)				
No.	Item		Spec	Remark
1	Tuning Range		54 MHz ~ 860 MHz	
2	Input LEVEL		+18 dBmV	All Channel
3	S/N	64QAM	-18 dBmV	All Channel
		256QAM	-16 dBmV	All Channel
4	WHITE NOISE	64QAM	23.5 dB	All Channel
		256QAM	29.5 dB	All Channel
5	PULL-IN RANGE		- 75 KHz ~ + 120 KHz	
6	NTSC Co-CH Interference	64QAM/NTSC	- 21 dB	
		64QAM/256QAM	- 21 dB	
		256QAM/NTSC	- 16 dB	
		256QAM/64QAM	- 11 dB	
OOB downstream				
No.	항 목		규 격	비 고
1	Tuning Frequency Range		70 MHz ~ 130 MHz	
2	Maximum input power	QPSK	+18dBmV	
3	S/N	QPSK	-18dBmV	
4	Harmonic outputs - 10~42MHz		-45 dBc	
5	Out-of-band Spurious and Harmonics		-45 dBmV	
RF IN(MoCA)				
No.	항 목		규 격	비 고
1	Tuning Range		875 MHz ~ 1500 MHz	Verizon 1150~1500MHz
2	power cleanliness		50dB	All Channel
3	Phase Noise	1KHz offset	-65dBc/Hz	All Channel
		5KHz offset	-98dBc/Hz	All Channel
		100KHz offset	-98dBc/Hz	All Channel
		1MHz offset	-108dBc/Hz	All Channel
		4MHz offset	-120dBc/Hz	All Channel
4	Receiver Sensitivity	128QAM	90Mbps	