

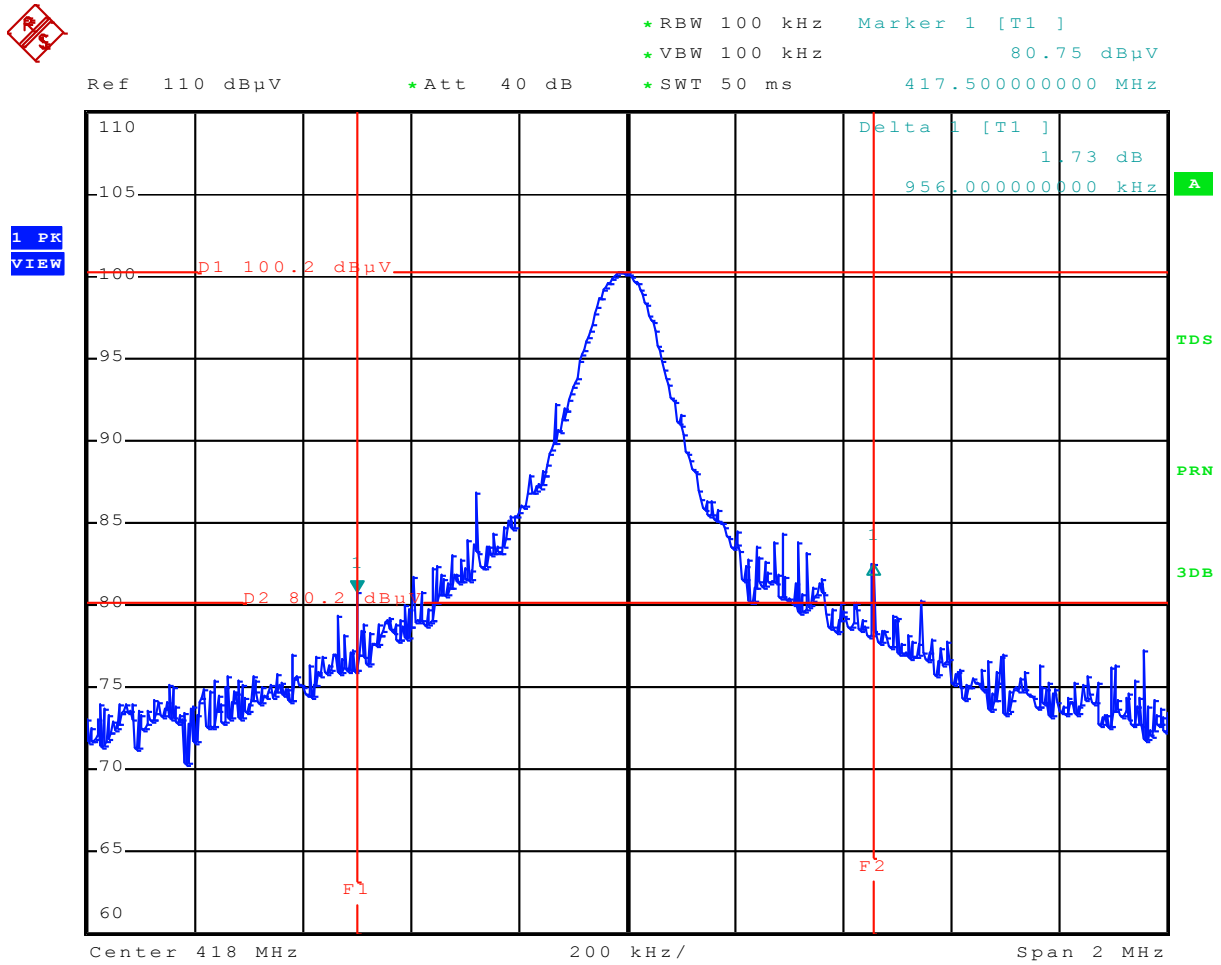


## APPENDIX B

### : TEST PLOTS



### 1. Occupied bandwidth

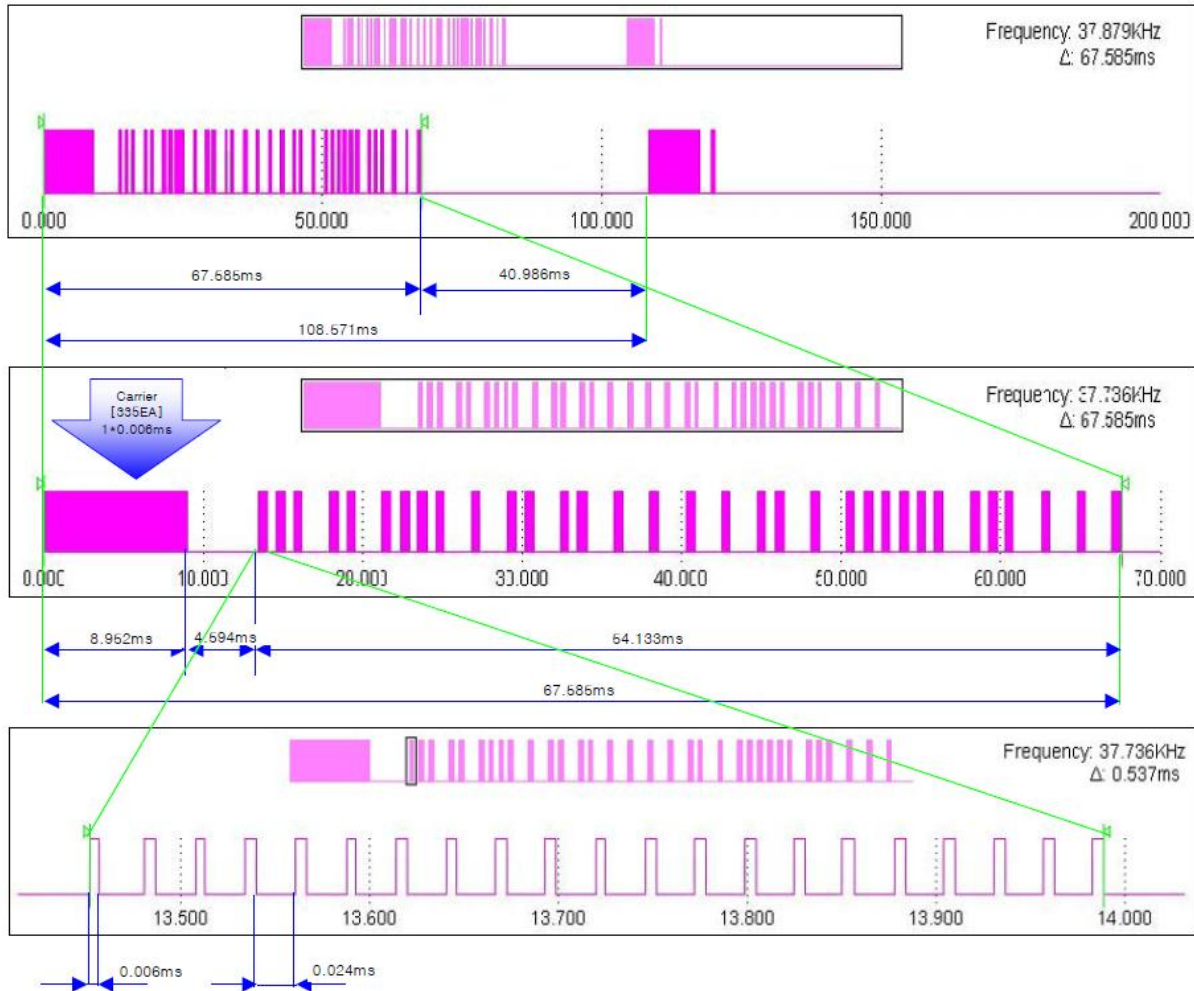


Date: 22.AUG.2011 16:15:27



## 2. Complete Pulse Train / On-time of the Head

### 1. NEC Format (15A\_002)

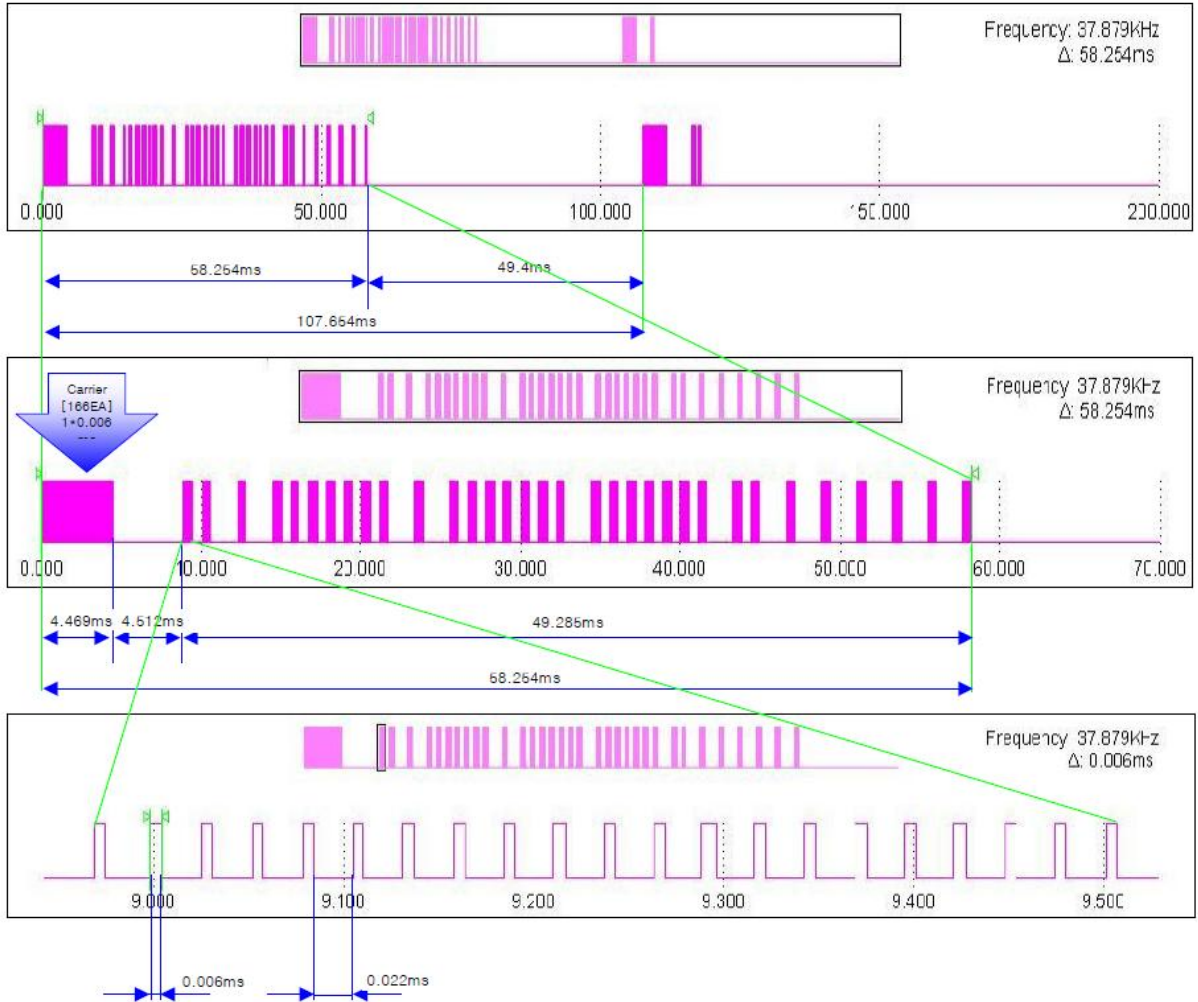


No. of code GR. Per 100ms	Head		Data		Total Width(ms)	Duty Cycle	
	No. of pulse	Width of pulse(ms)	No. of pulse	Width of pulse(ms)		(%)	(dB)
	335	0.006ms	693	0.006ms	6.168	6.17%	-24.19

계산식 :  $(335 \times 0.006) + (693 \times 0.006) = 6.168$  [693 =  $(1 \times 33 \times 21)$ ]



2. TC9012 Format (14A\_044)

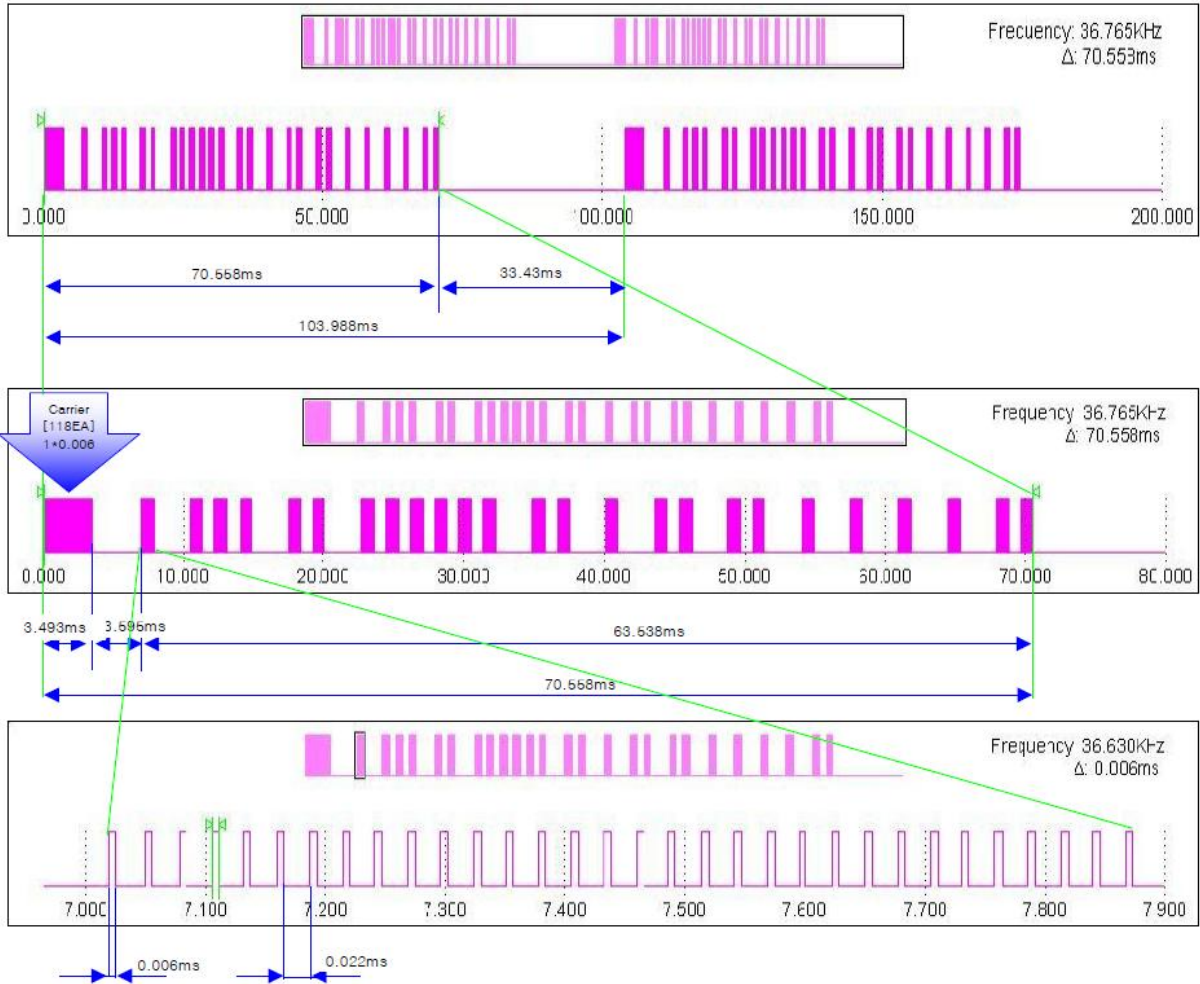


No. of code GR. Per 100ms	Head		Data		Total Width(ms)	Duty Cycle	
	No. of pulse	Width of pulse(ms)	No. of pulse	Width of pulse(ms)		(%)	(dB)
	166	0.006ms	693	0.006ms	5.15	5.15%	-25.757

계산식 : (166\*0.006)+(693\*0.006) = 5.154 [693 = (1\*33\*21)]



3. MN6014 Format (18A\_052)



No. of code GR. Per 100ms	Head		Data		Total Width(ms)	Duty Cycle	
	No. of pulse	Width of pulse(ms)	No. of pulse	Width of pulse(ms)		(%)	(dB)
	118	0.006ms	693	0.006ms	5.658	5.66%	-24.94

계산식 :  $(118 \times 0.006) + (693 \times 0.006) = 5.658$  [825 = (1 \times 33 \times 25)]