

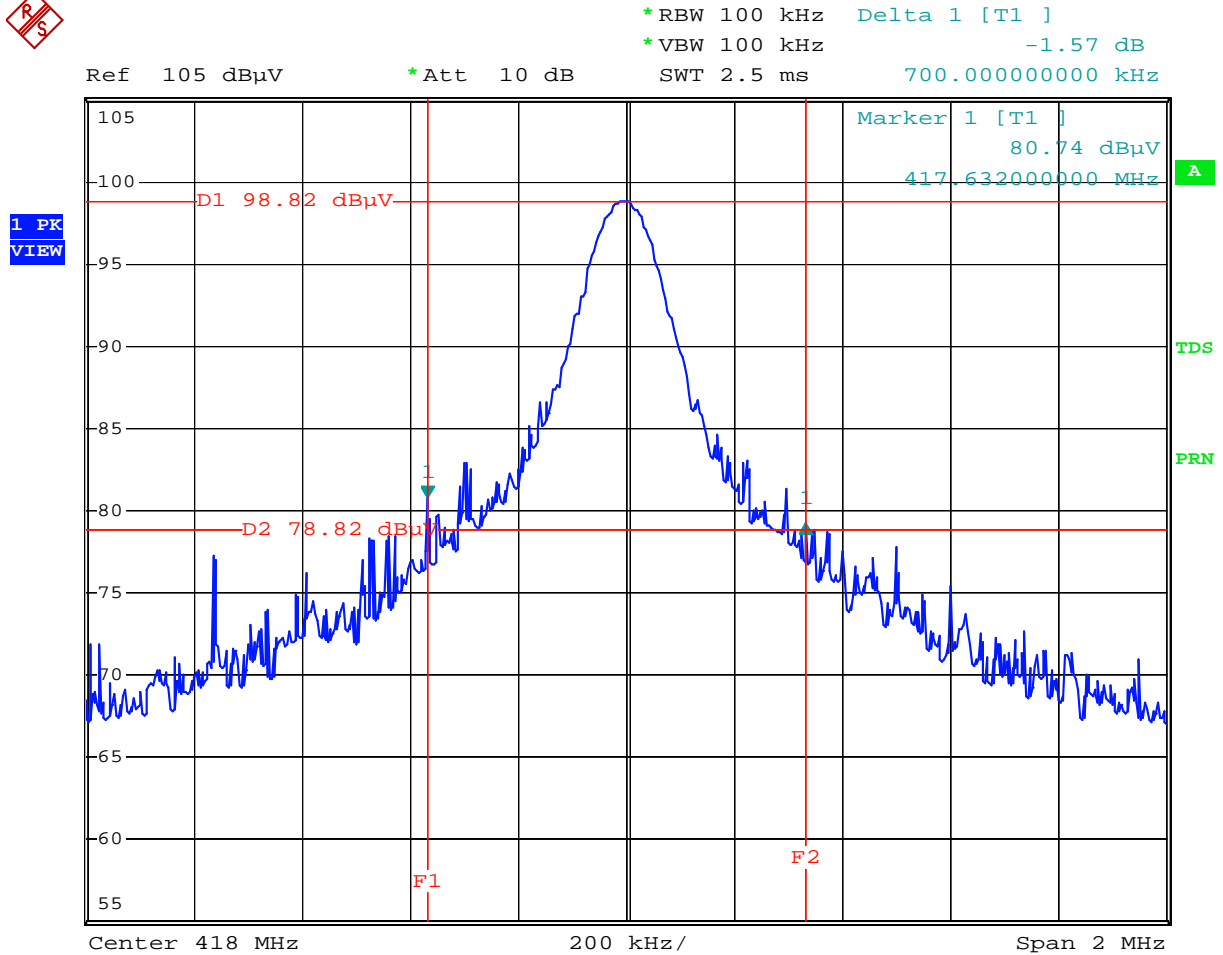


APPENDIX B

: TEST PLOTS



◆ Occupied bandwidth



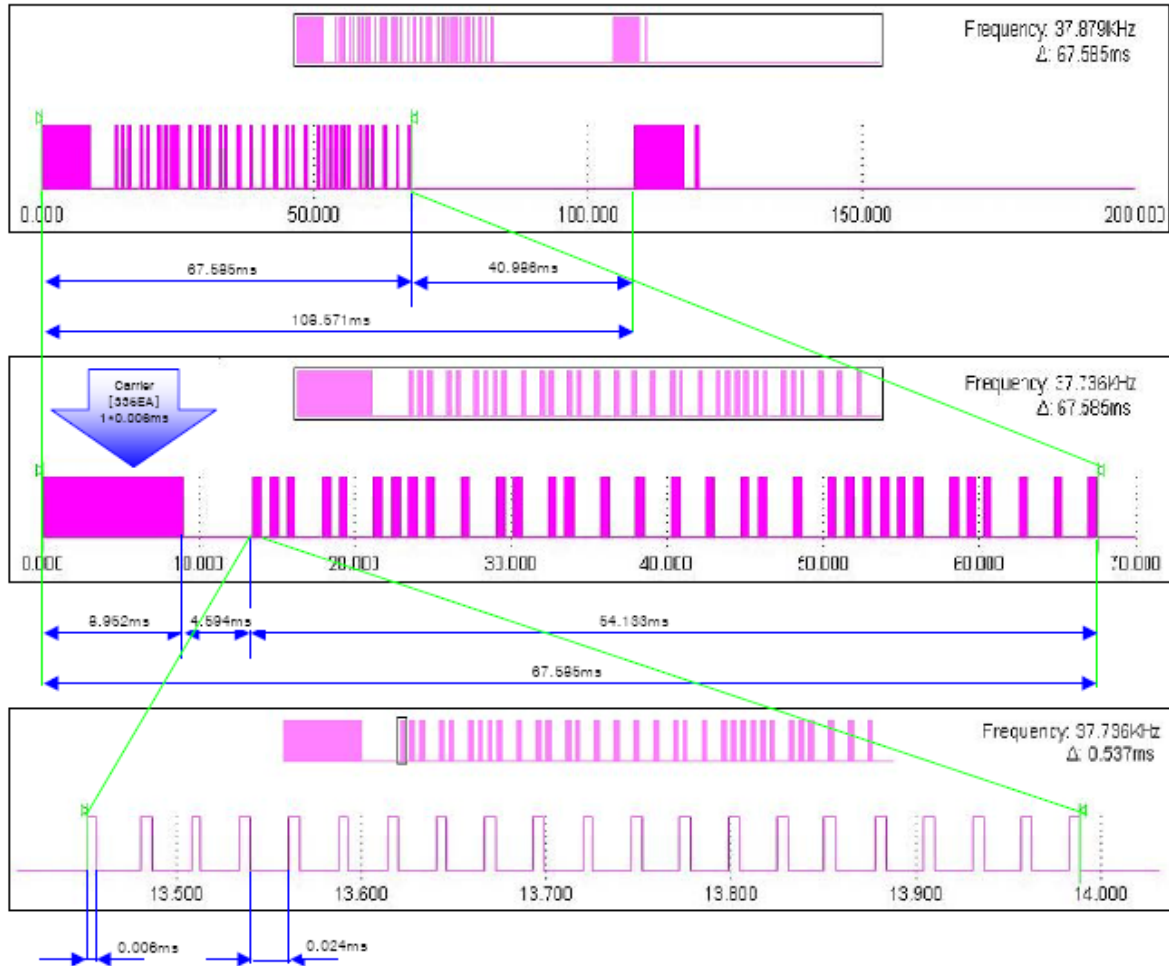
(418 MHz)



◆ Complete Pulse Train/ On-time of the Head

[Duty Cycle Measurement]

1. NEC Format (15A_002)

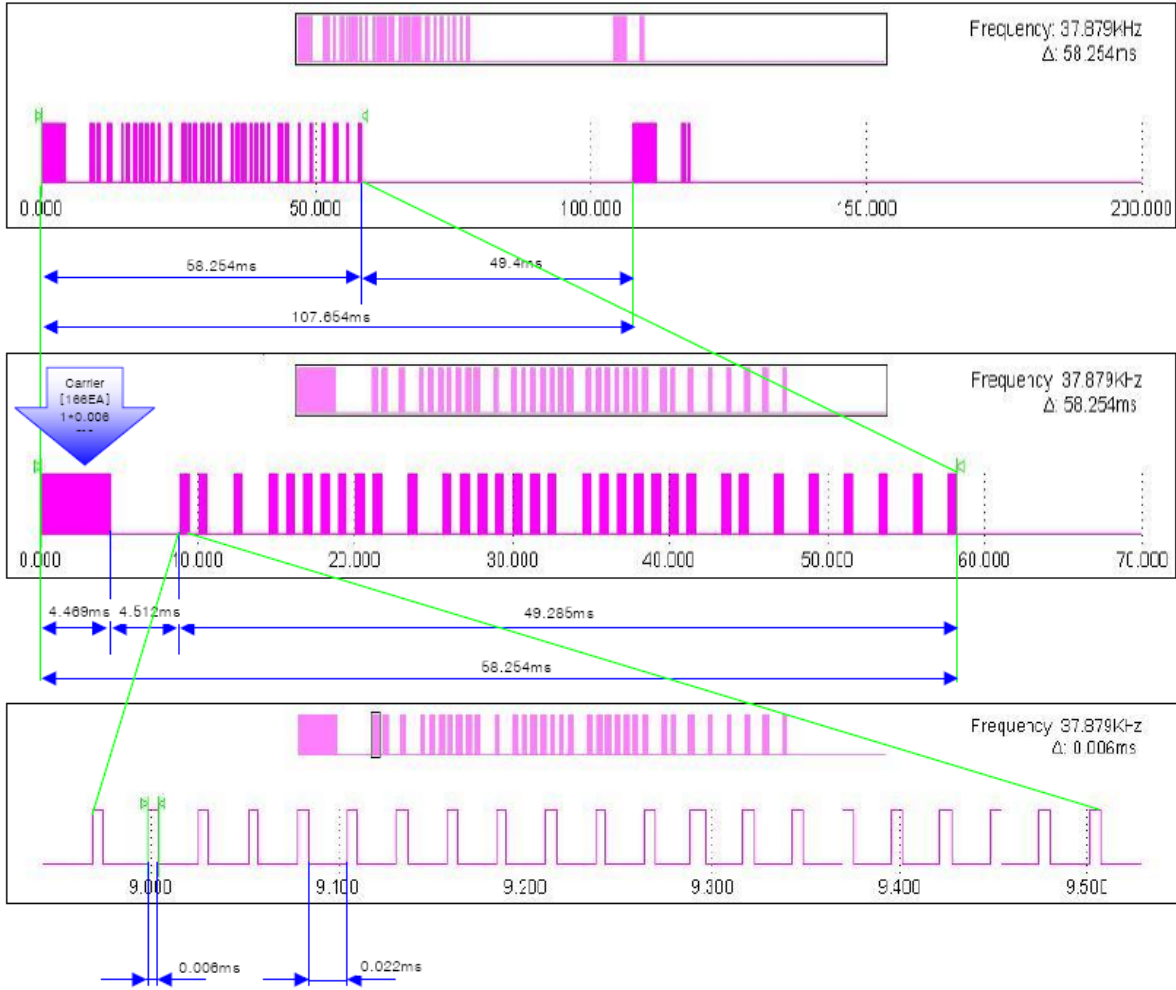


No. of code GR. Per 100ms	Head		Data		Total Width(ms)	Duty Cycle	
	No. of pulse	Width of pulse(ms)	No. of pulse	Width of pulse(ms)		(%)	(dB)
	336	0.006ms	693	0.006ms	6.168	6.17%	-24.19

계산식 : $(336 \times 0.006) + (693 \times 0.006) = 6.168$ [693 = (1 + 33 × 21)]



2. TC9012 Format (14A_044)



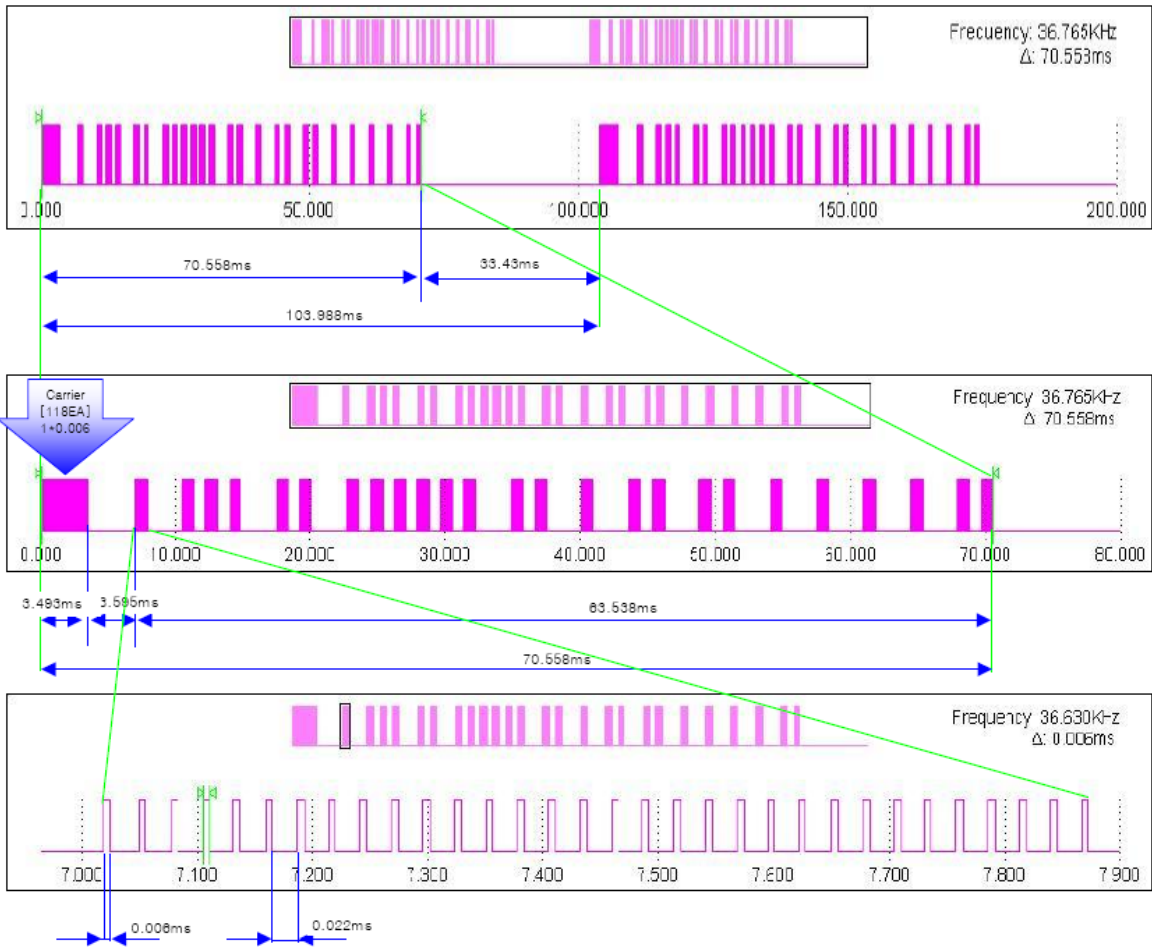
No. of code GR. Per 100ms	Head		Data		Total Width(ms)	Duty Cycle	
	No. of pulse	Width of pulse(ms)	No. of pulse	Width of pulse(ms)		(%)	(dB)
	166	0.006ms	693	0.006ms	6.16	5.16%	-26.767

계산식 : $(166 \times 0.006) + (693 \times 0.006) = 6.164$ [693 = $(1 \times 33 \times 21)$]



[Duty Cycle Measurement]

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	6.66%	-24.94

계산식 : (118*0.006)+(825*0.006) = 5.658 [825 = (1*33*25)]