



APPENDIX B

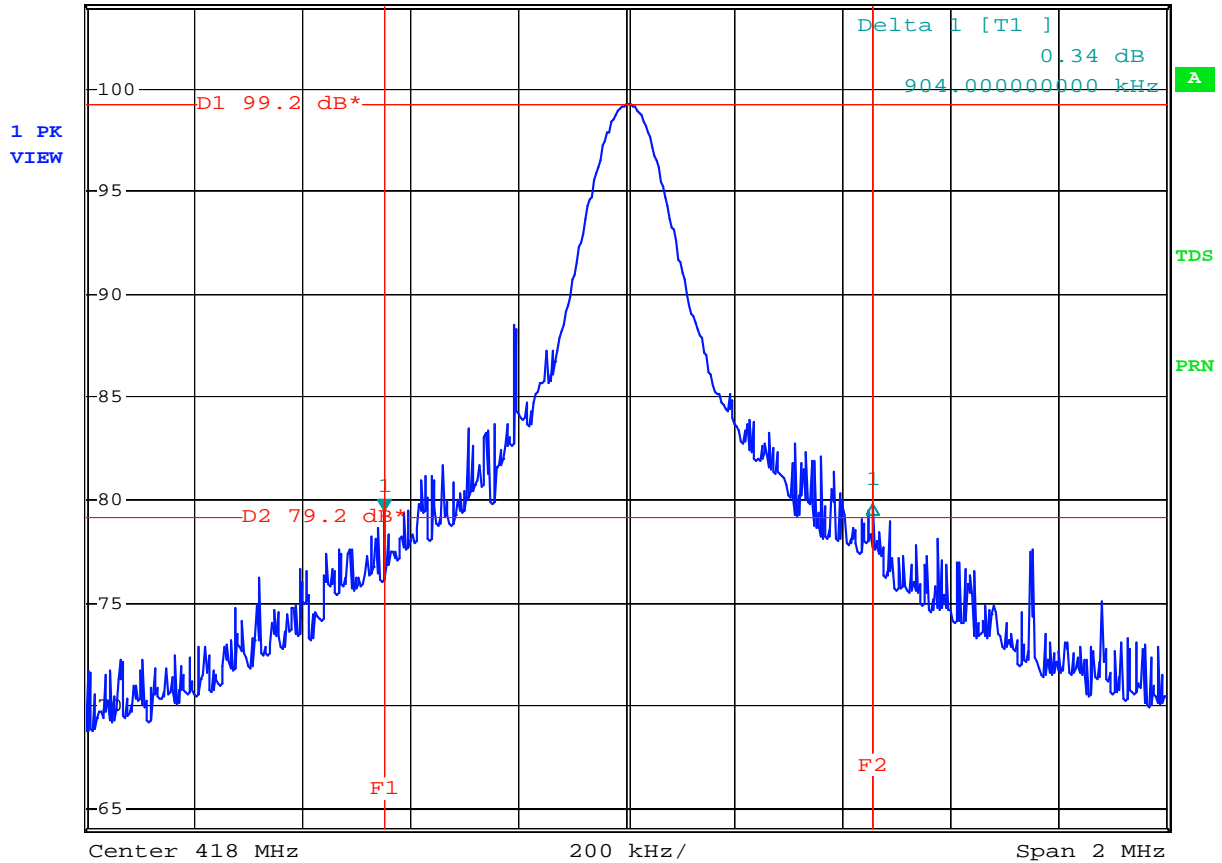
: TEST PLOTS



◆ Occupied bandwidth



Ref 104 dB μ V/m *Att 30 dB *RBW 100 kHz Marker 1 [T1]
*VBW 100 kHz 79.46 dB μ V/m
*SWT 10 ms 417.552000000 MHz



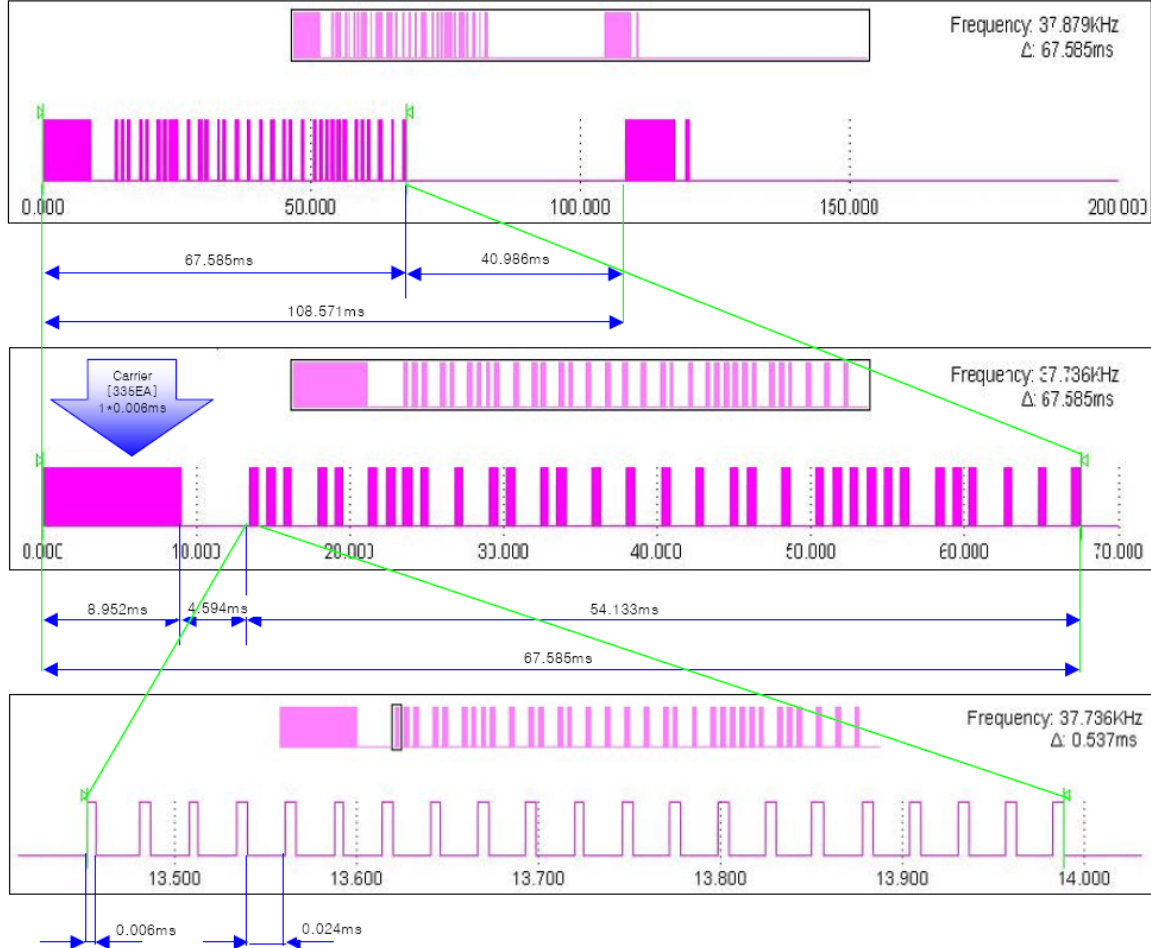
(418 MHz)



◆ Complete Pulse Train/ On-time of the Head

[Duty Cycle Measurement]

1. NEC Format (15A_002)



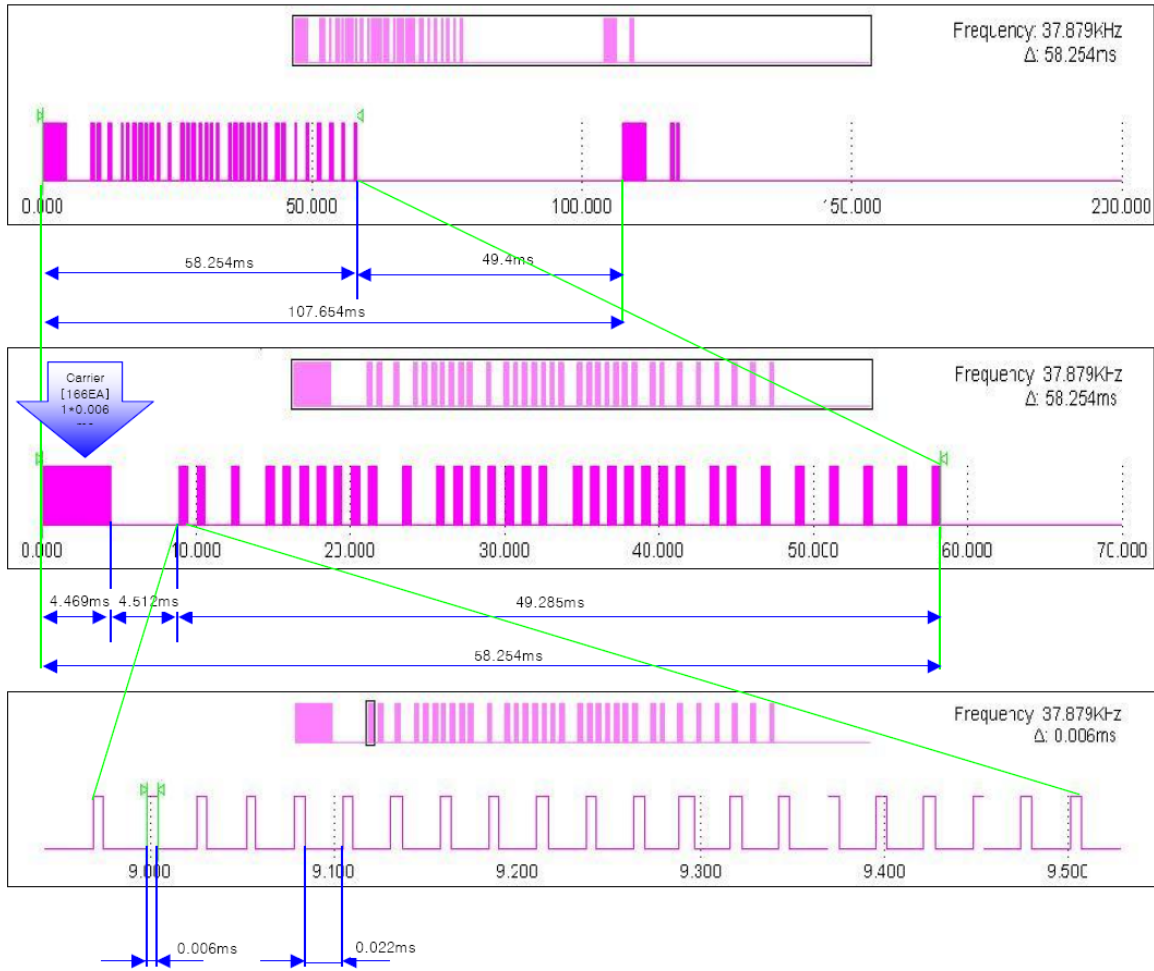
No. of code GR. Per 100ms	Head		Data		Total Width(ms)	Duty Cycle	
	No. of pulse	Width of pulse(ms)	No. of pulse	Width of pulse(ms)		(%)	(dB)
	335	0.006ms	693	0.006ms	6.168	6.17%	-24.19

계산식 : (335*0.006)+(693*0.006) = 6.168 [693 = (1*33*21)]



[Duty Cycle Measurement]

2. TC9012 Format (14A_044)



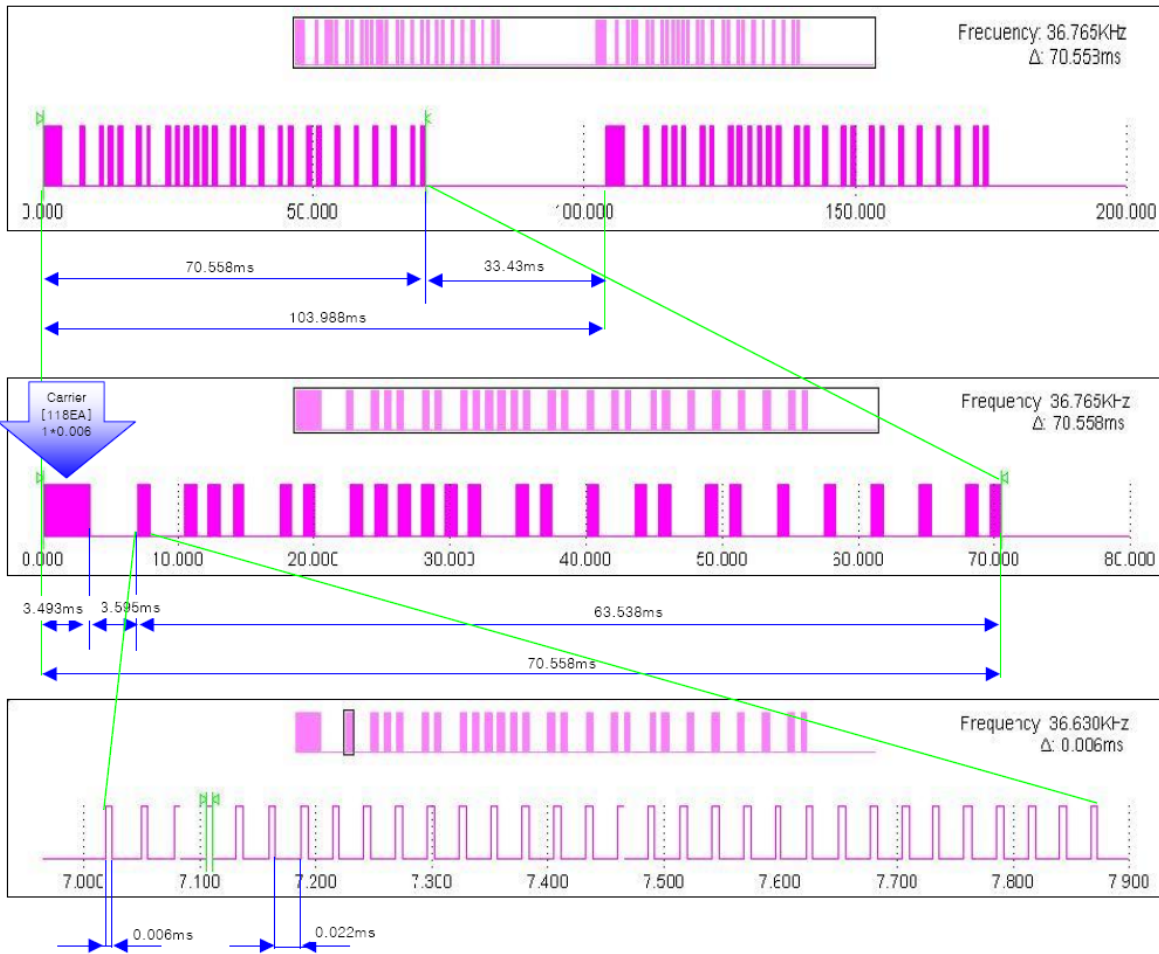
No. of code GR. Per 100ms	Head		Data		Total Width(ms)	Duty Cycle	
	No. of pulse	Width of pulse(ms)	No. of pulse	Width of pulse(ms)		(%)	(dB)
	166	0.006ms	693	0.006ms	5.15	5.15%	-25.757

계산식 : $(166 \times 0.006) + (693 \times 0.006) = 5.154$ [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	5.66%	-24.94

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