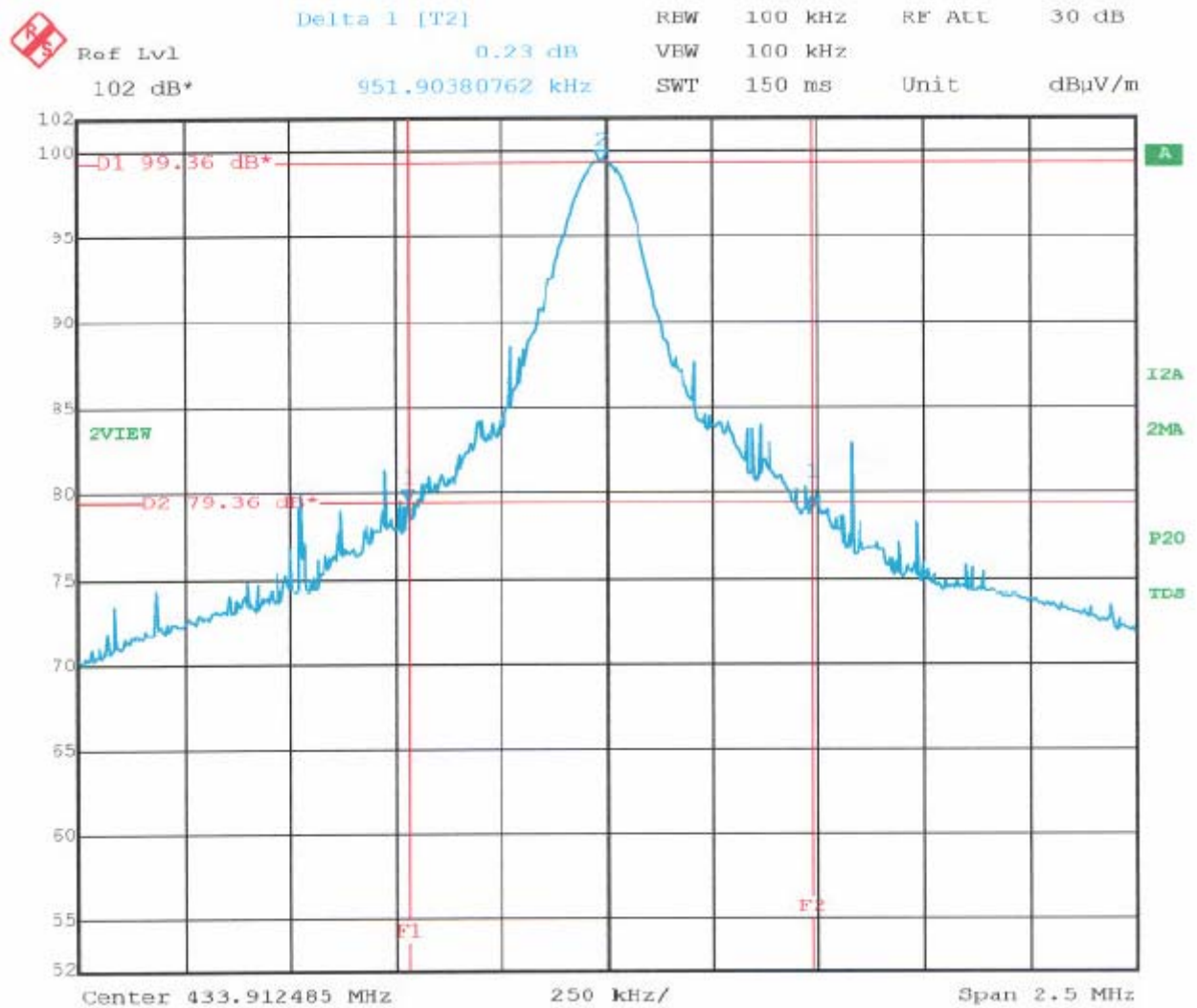


## APPENDIX B

### : TEST PLOTS

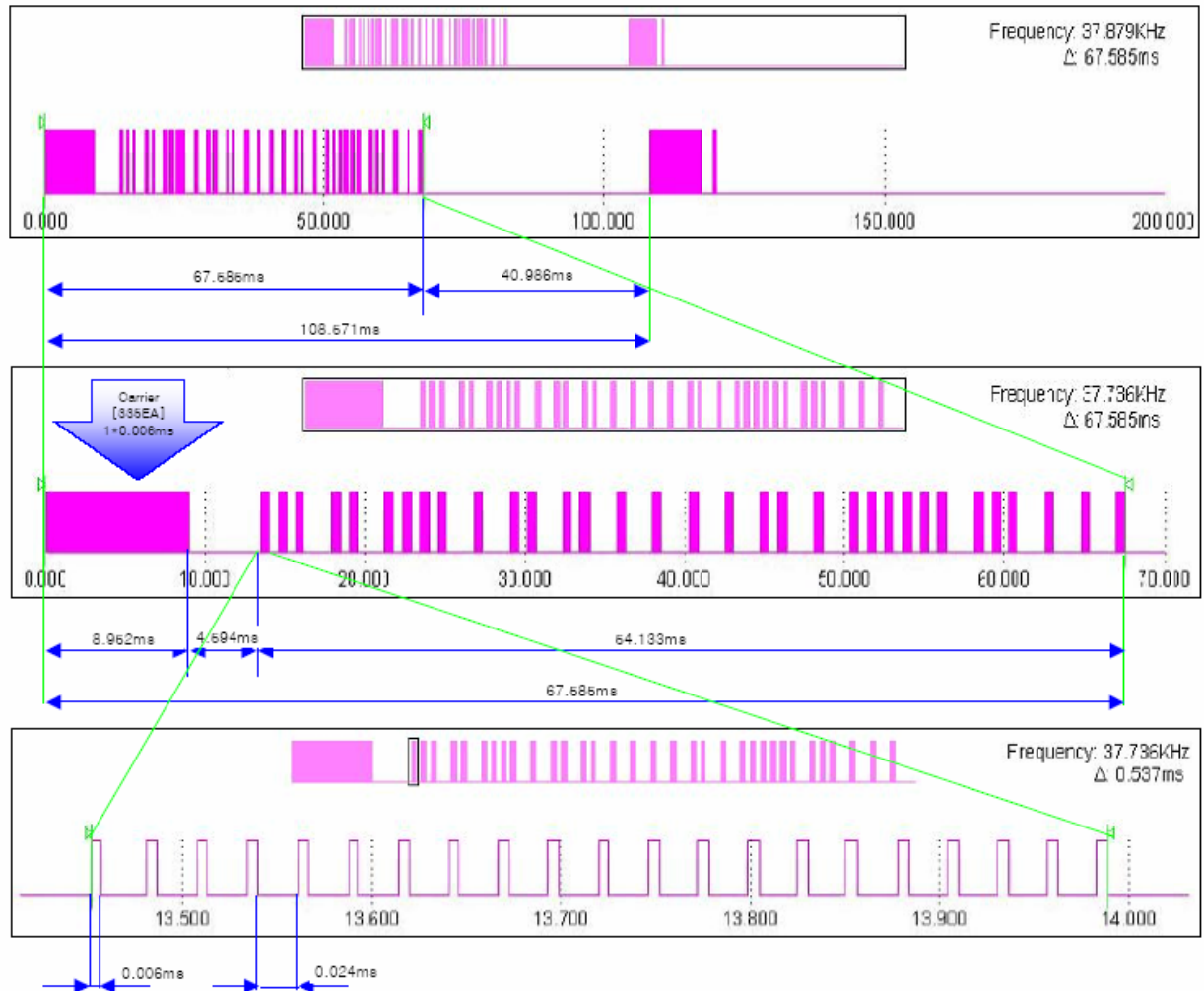
## ◆ Occupied bandwidth



## ◆ Complete Pulse Train/ On-time of the Head

[Duty Cycle Measurement]

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

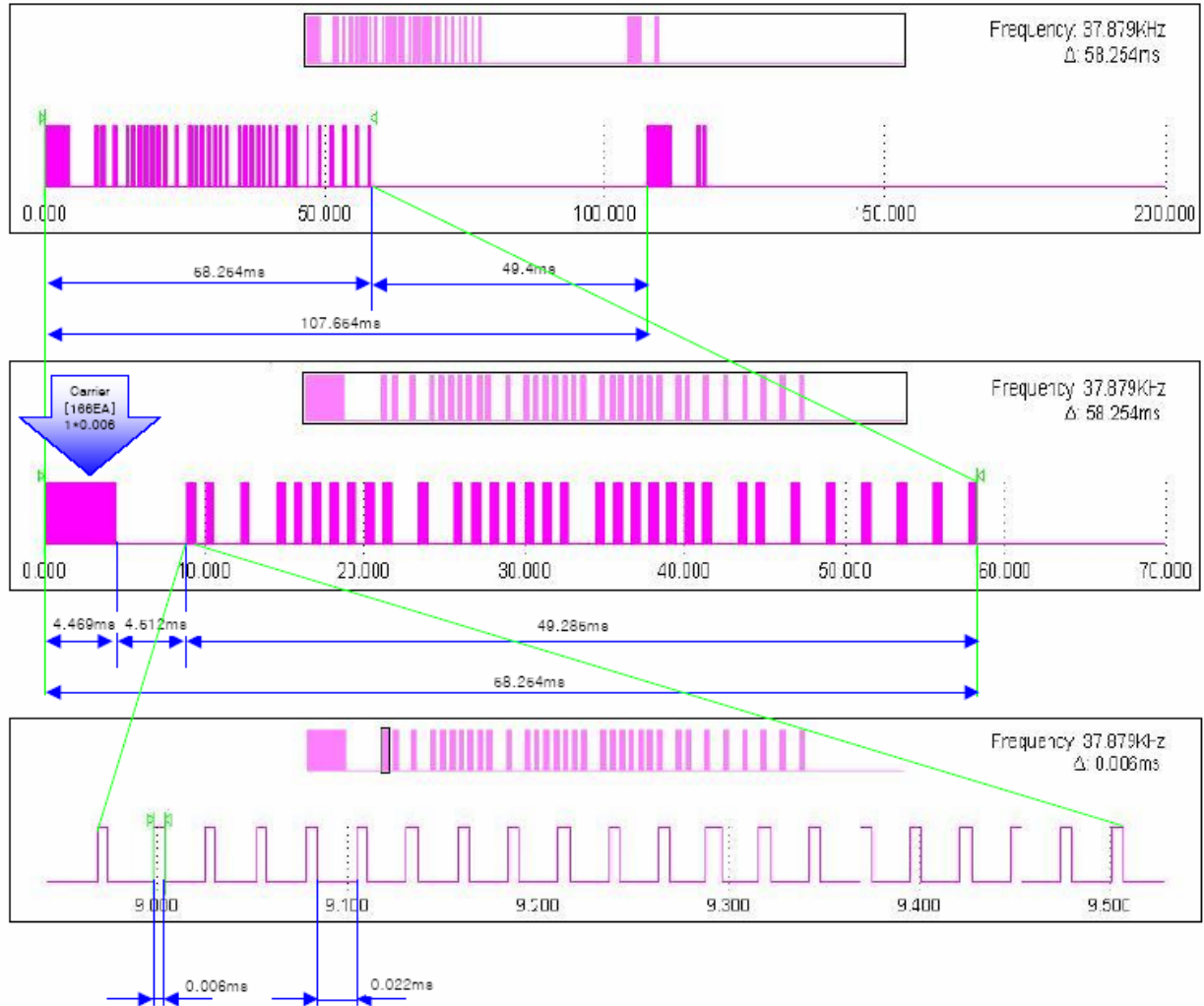


| No. of code GR. Per 100ms | Head         |                    | Data         |                    | Total     | Duty Cycle |        |
|---------------------------|--------------|--------------------|--------------|--------------------|-----------|------------|--------|
|                           | No. of pulse | Width of pulse(ms) | No. of pulse | Width of pulse(ms) | Width(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 =  $(1 \times 33 \times 21)$ ]

## [Duty Cycle Measurement]

## 2. TC9012 Format (14A\_044)

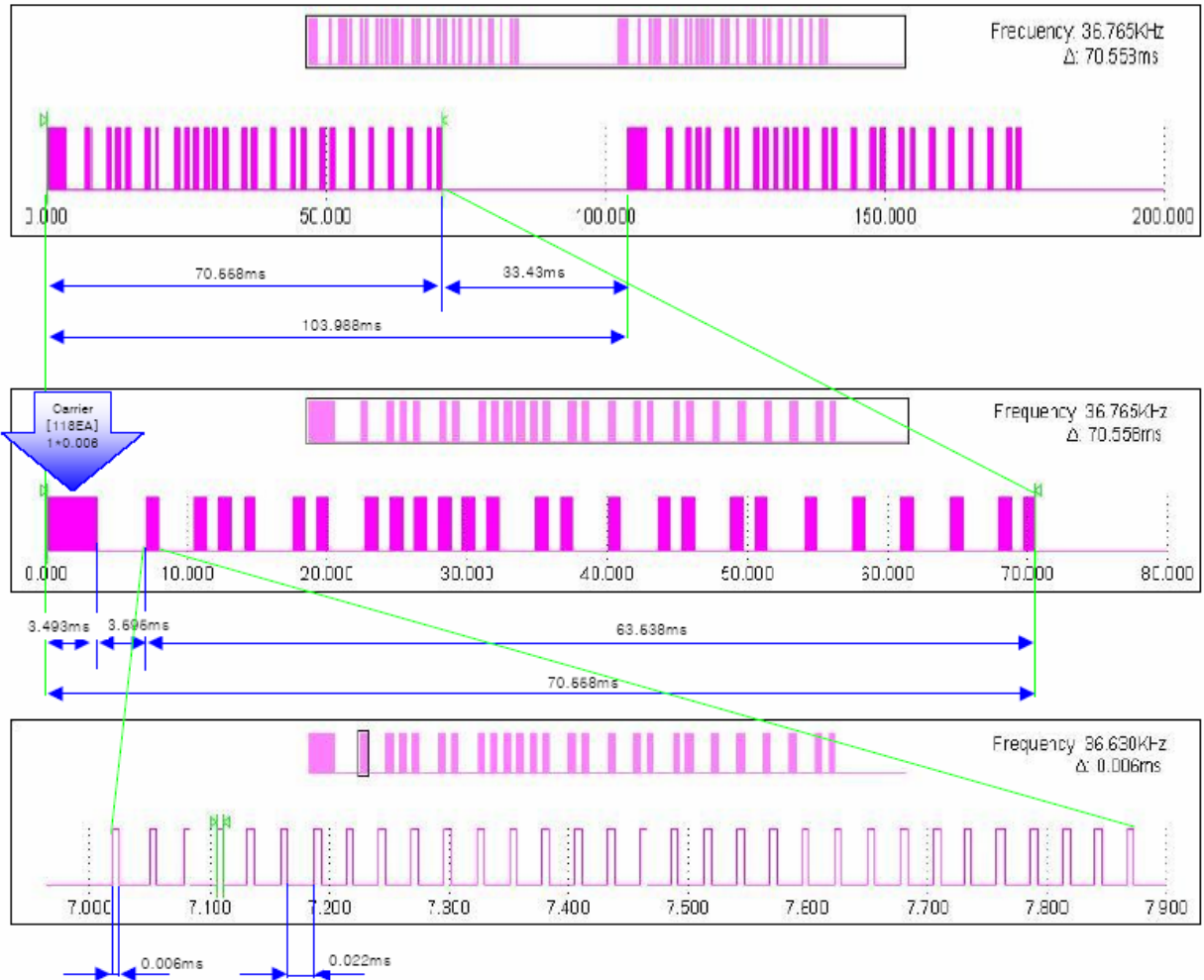


| No. of code GR. Per 100ms | Head         |                    | Data         |                    | Total     | Duty Cycle |         |
|---------------------------|--------------|--------------------|--------------|--------------------|-----------|------------|---------|
|                           | No. of pulse | Width of pulse(ms) | No. of pulse | Width of pulse(ms) | Width(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]

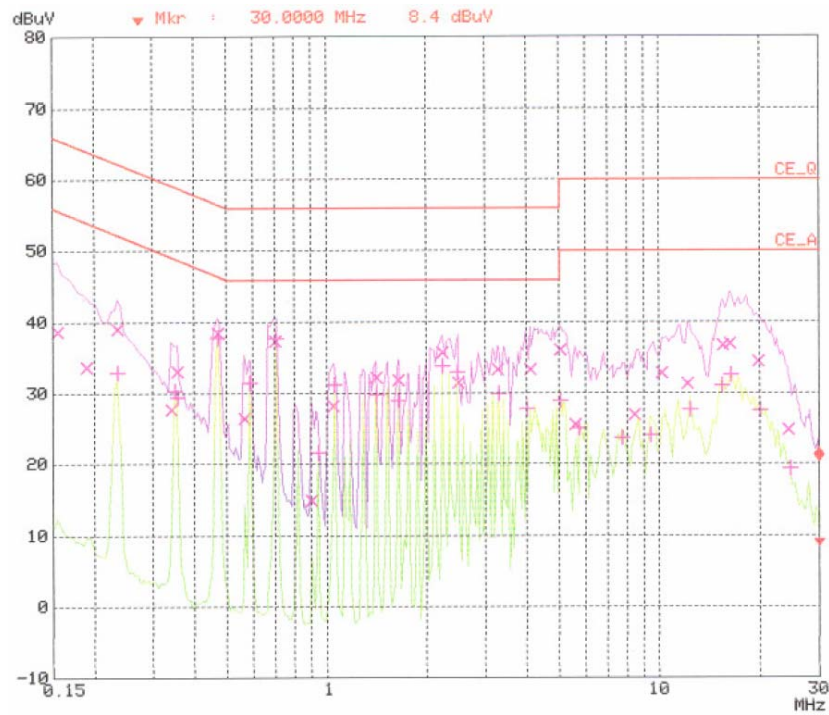
## 3. MN6014 Format (18A\_052)



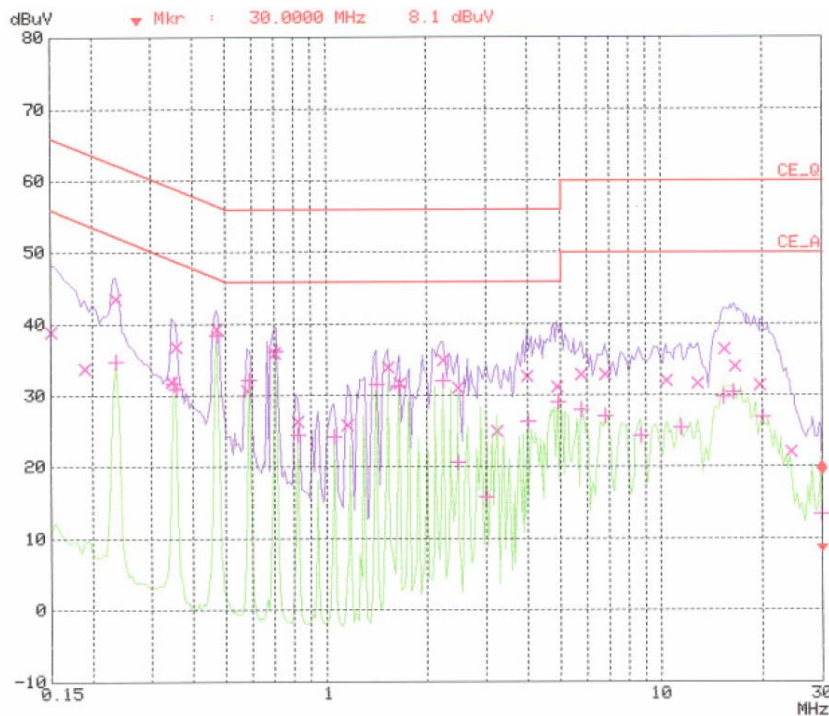
| No. of code GR. Per 100ms | Head         |                    | Data         |                    | Total     | Duty Cycle |        |
|---------------------------|--------------|--------------------|--------------|--------------------|-----------|------------|--------|
|                           | No. of pulse | Width of pulse(ms) | No. of pulse | Width of pulse(ms) | Width(ms) | (%)        | (dB)   |
|                           | 118          | 0.006ms            | 693          | 0.006ms            | 6.668     | 6.66%      | -24.94 |

계산식 :  $(118 \times 0.006) + (693 \times 0.006) = 6.668$  [826 =  $(1 \times 33 \times 25)$ ]

■ Download mode



< Hot line >



< Neutral line >