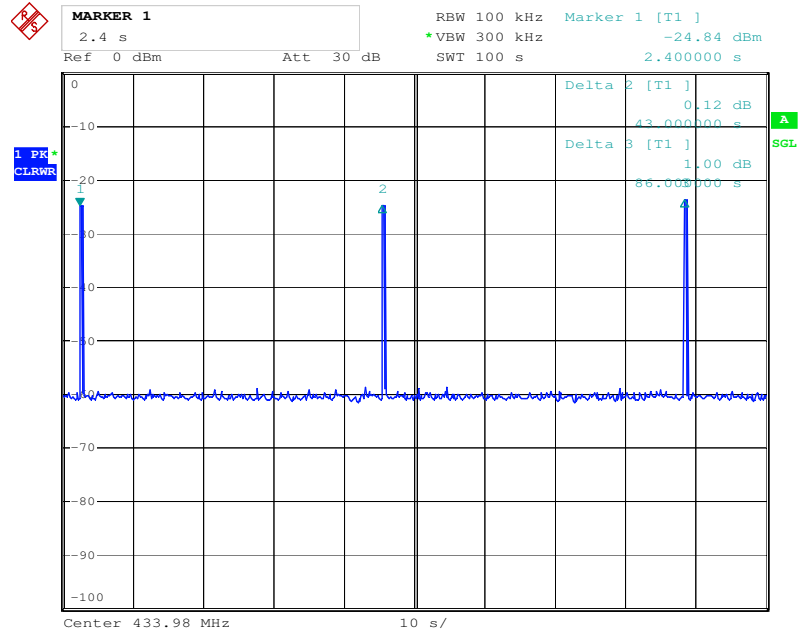
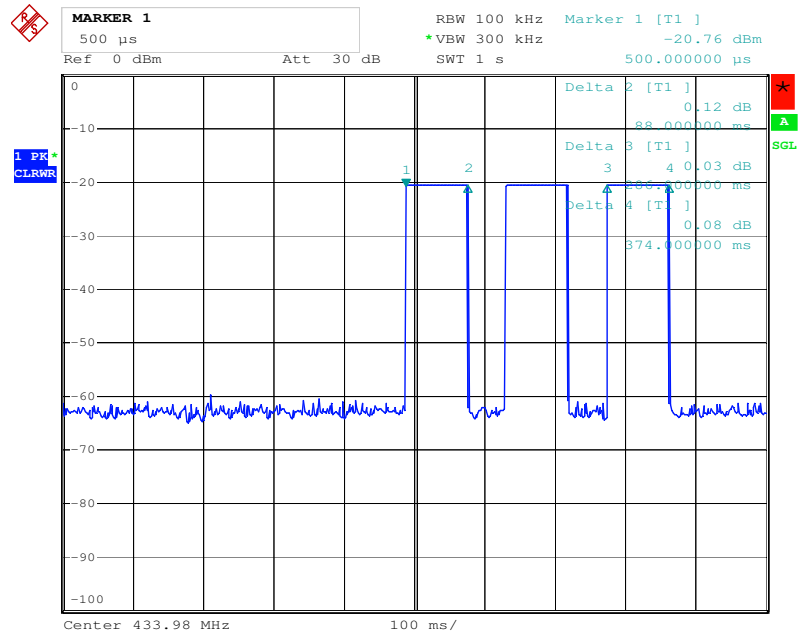




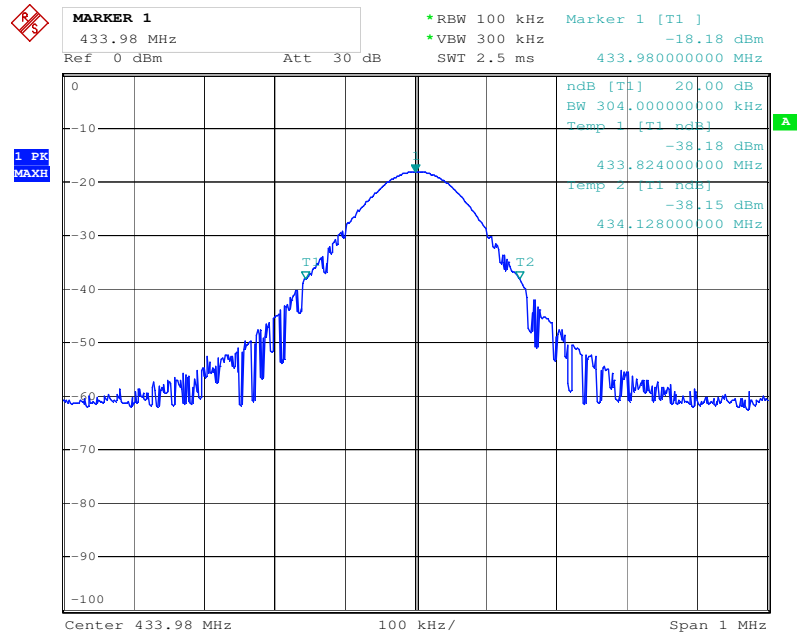
Date: 1.SEP.2010 17:00:15



Date: 1.SEP.2010 17:06:25

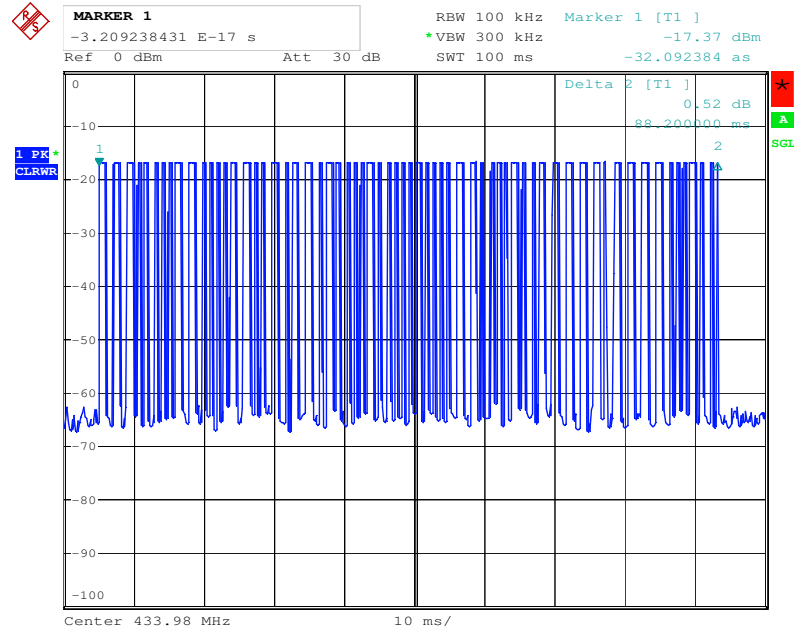
Part 15.231 (e) requirement

	Measured time (second(s))	Limit (second(s))
Duration of each transmission	0.374	≤ 1
Duration of silent period	42.63	≥ 30 x 0.374 = 11.22, and ≥ 10 (shall be in any circumstances)



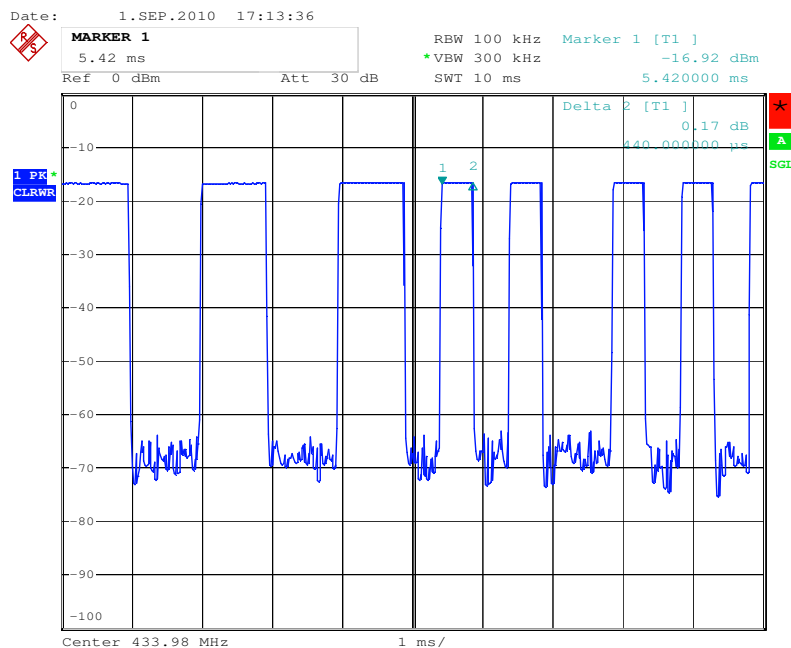
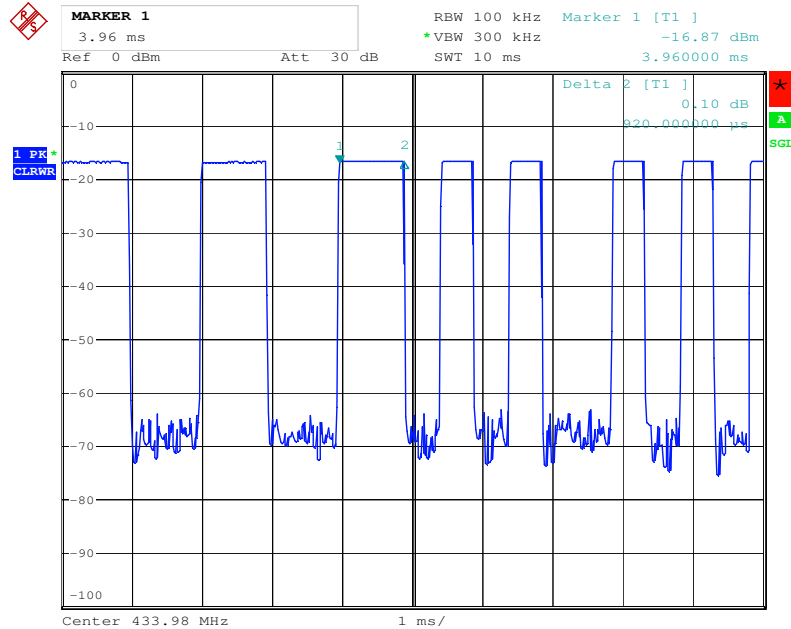
Date: 1.SEP.2010 16:52:46

Bandwidth measurement.



Date: 1.SEP.2010 17:11:12

- The graph shows the pattern of coding during the signal transmission.
- Within the pulse train, there are 37 short and 26 long 'on' signals.



Date: 1.SEP.2010 17:14:08

- The upper graph shows the duration of long 'on' signal is 0.92ms.
- The lower graph shows duration of short 'on' signal is 0.44ms.
- Therefore, the total signal 'on' time of one successful period is $(0.92\text{ms} \times 26) + (0.44\text{ms} \times 37) = \underline{\underline{40.2\text{ms}}}$.

Average factor: $20 \log (42.55 / 100) = \underline{\underline{-7.92\text{dB}}}$.