

Appendix 1

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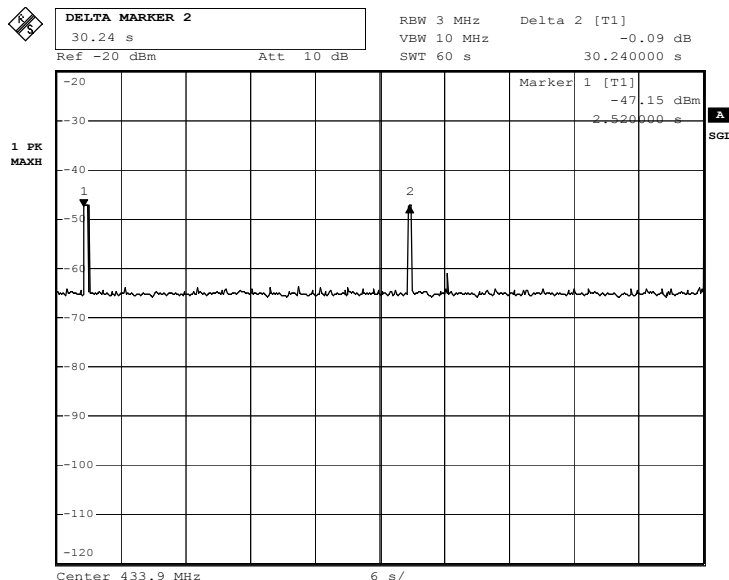


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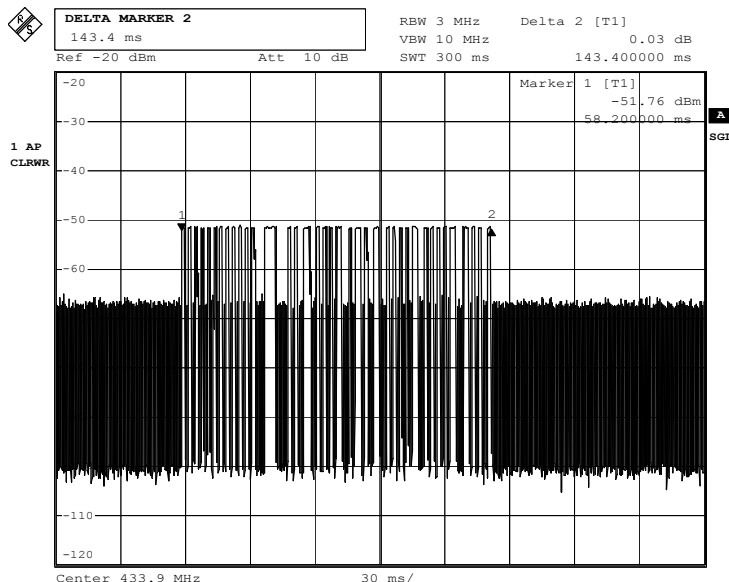
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Date: 8.NOV.2005 13:58:53

The above data graph shows that the EUT automatically transmits signal after 30.24 seconds from the previous transmitted signal.



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The data packet has the length of 143.4ms.

The automatic transmission signal meets part 15.231 (a)(2) requirement.

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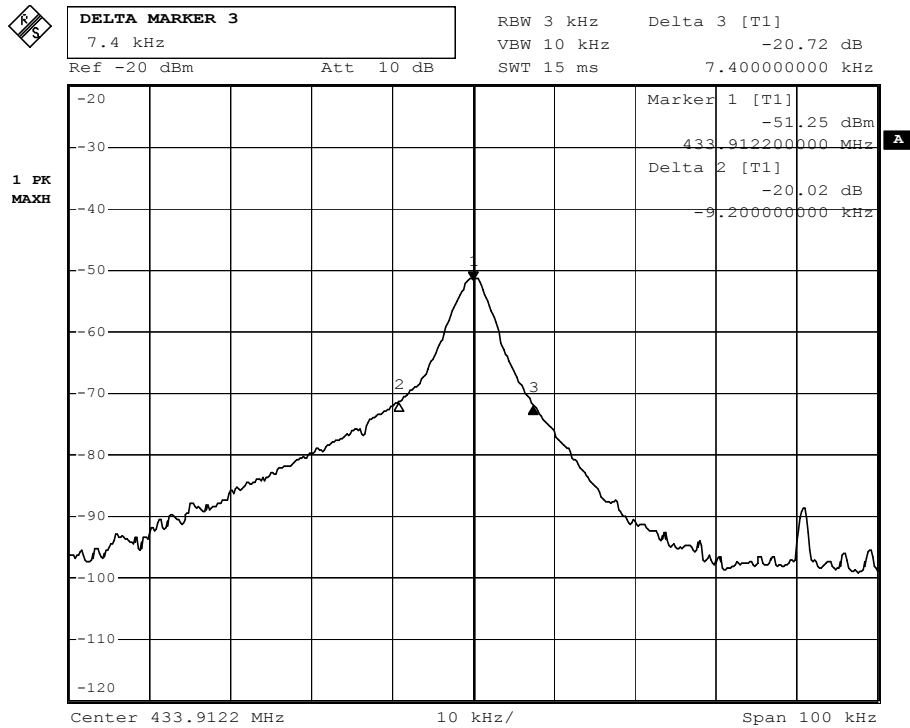


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Date: 8.NOV.2005 12:26:23

Bandwidth measurement.

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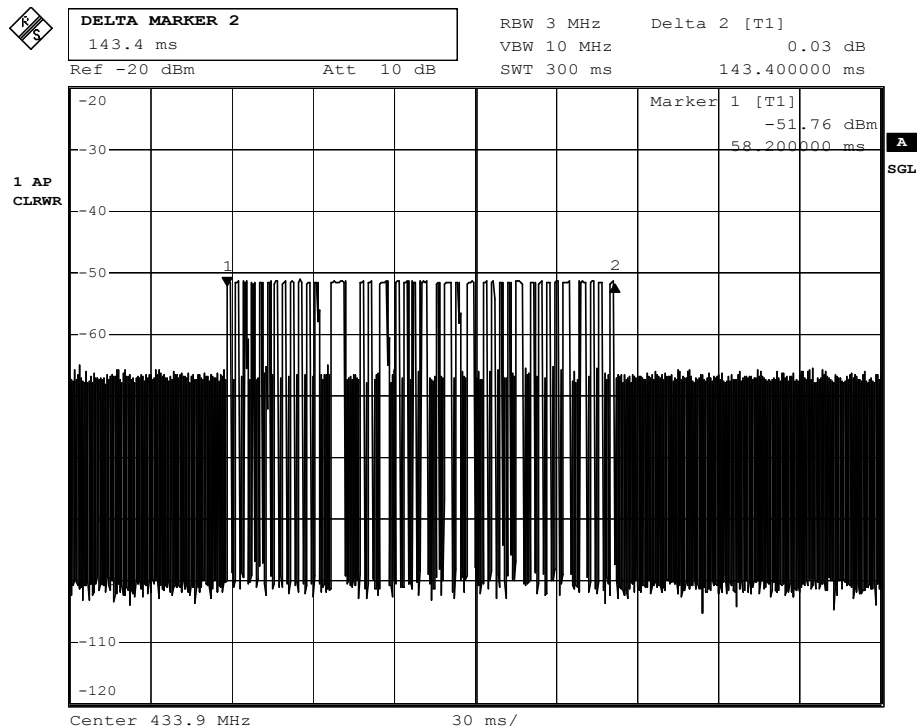


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- The graph shows the pattern of coding during the signal transmission.
- Within the pulse train, there are 32 short, 5 medium short and 1 long 'on' signals.

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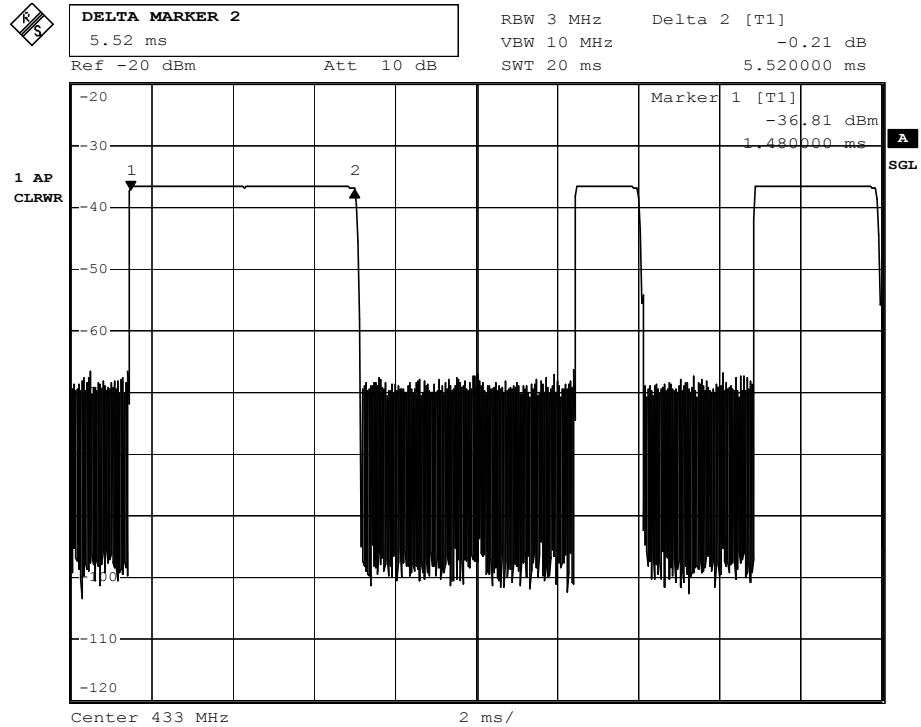


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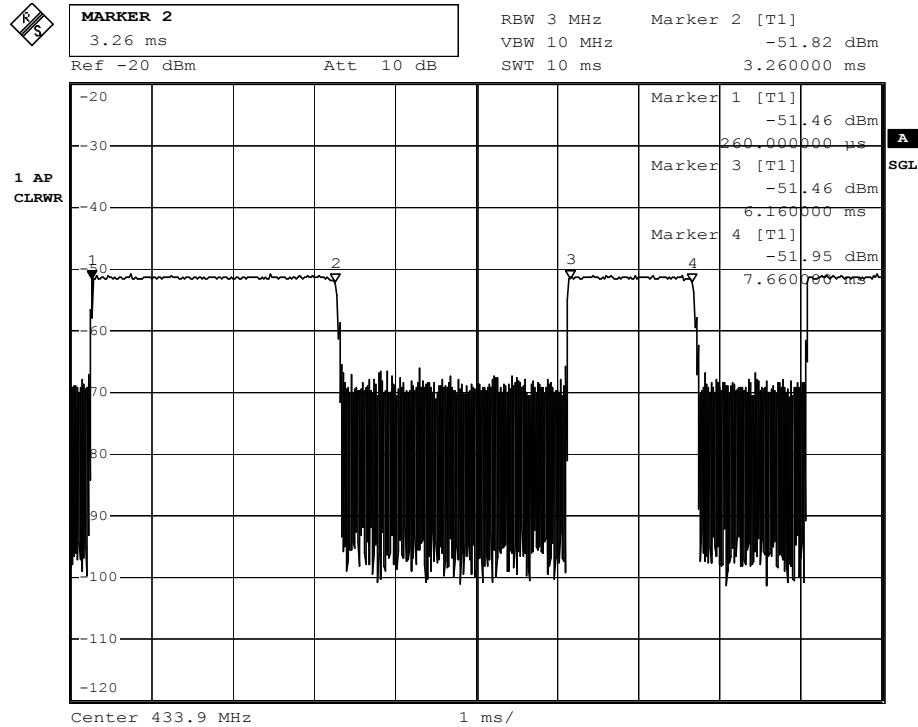
Date: 14.NOV.2005 11:41:05

- The graph shows the duration of long 'on' signal, from marker 1 to marker 2 indicates 5.52ms.

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- The graph shows the duration of medium short 'on' signal, from marker 1 to marker 2 indicates 3ms.
- The graph shows the duration of short 'on' signal, from marker 3 to marker 4 indicates 1.5ms.
- Therefore, the total signal 'on' time of one successful period is $(5.52\text{ms} \times 1) + (3\text{ms} \times 5) + (1.5\text{ms} \times 32) = \underline{68.52\text{ms}}$.

Average factor: $20 \log (68.52 / 100) = \underline{-3.28\text{dB}}$.