

Appendix 1

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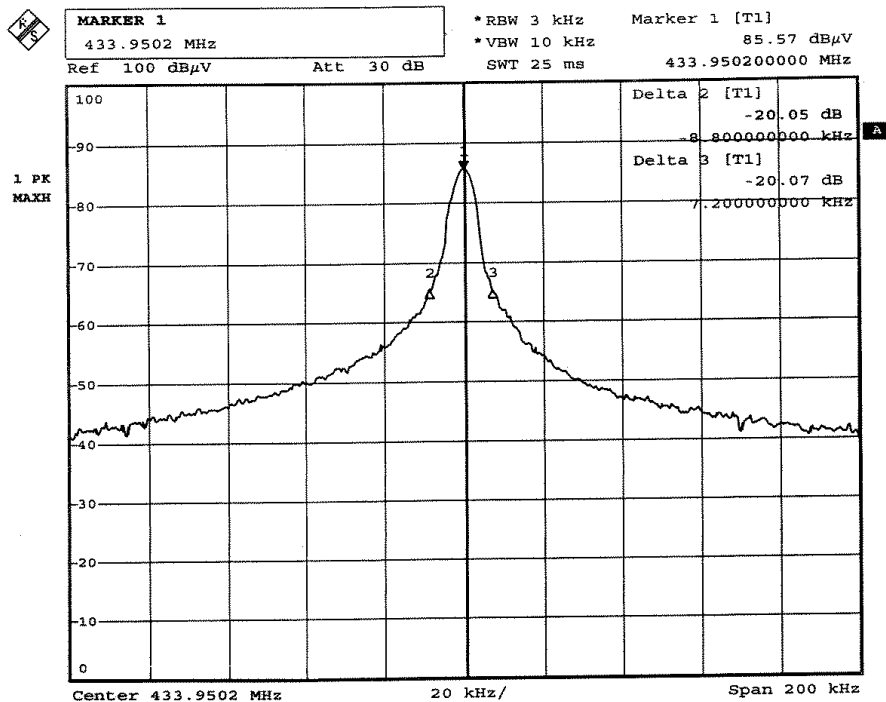


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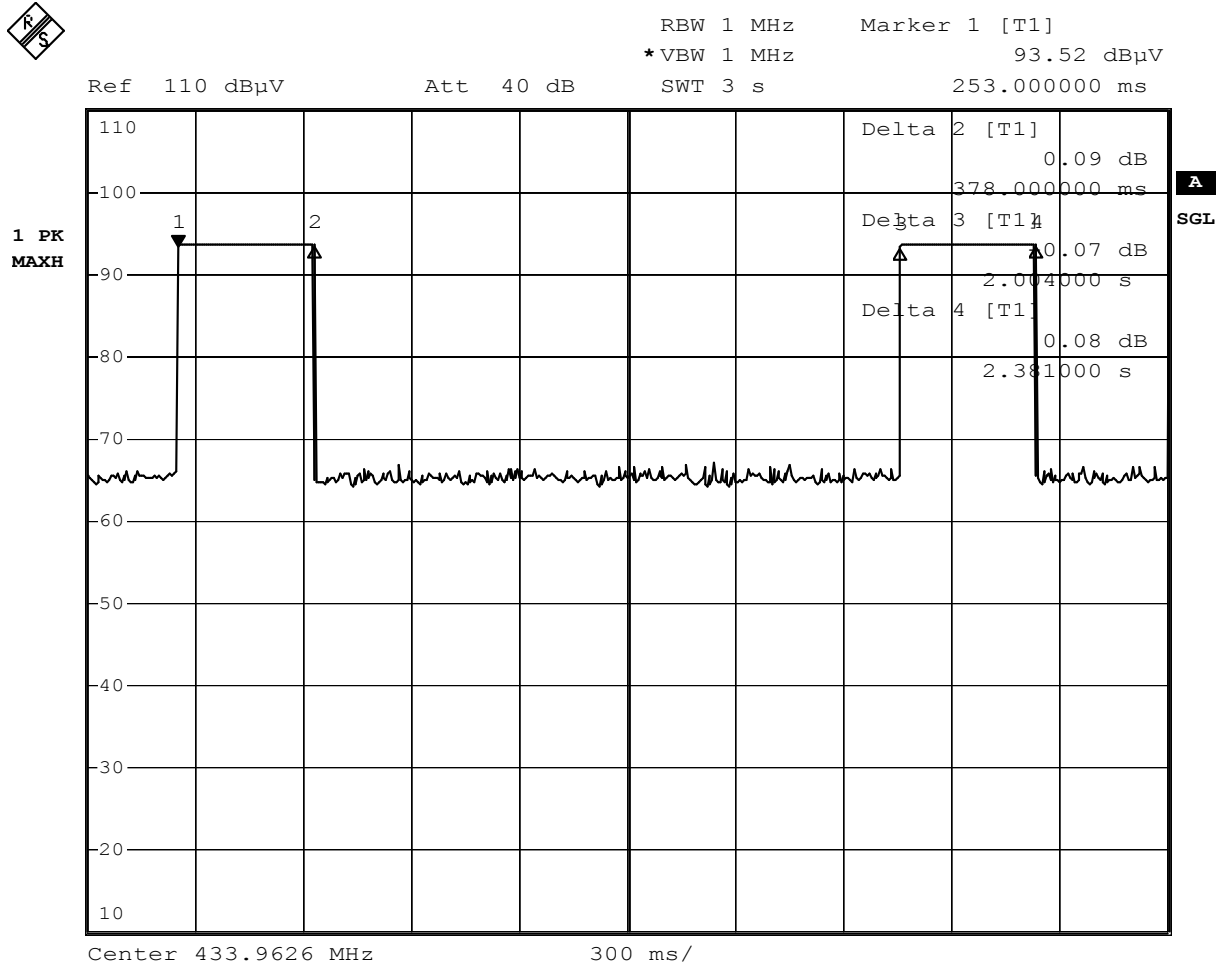


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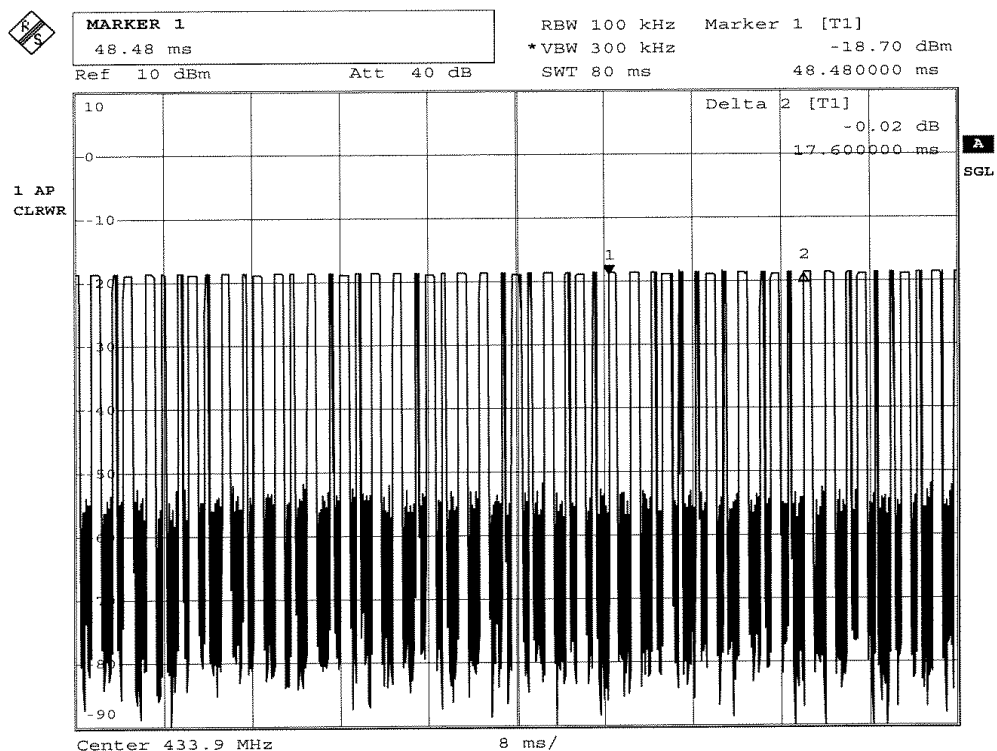
Date: 6.JAN.2005 14:19:47

- The EUT was modified into continuous transmission mode, the graph shows two “on” signals.
- From marker 1 to marker 2, the total “on” time is 378ms.
- Time from marker 3 to marker 4 is the next “on” time signal is 377ms.

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- The graph shows the pattern of coding during the signal transmission.
- The time interval of one coding period starts from marker 1 to marker 2, hence the total time of one period is 17.6 ms.
- It sums of 6 short and 6 long 'on' signals.

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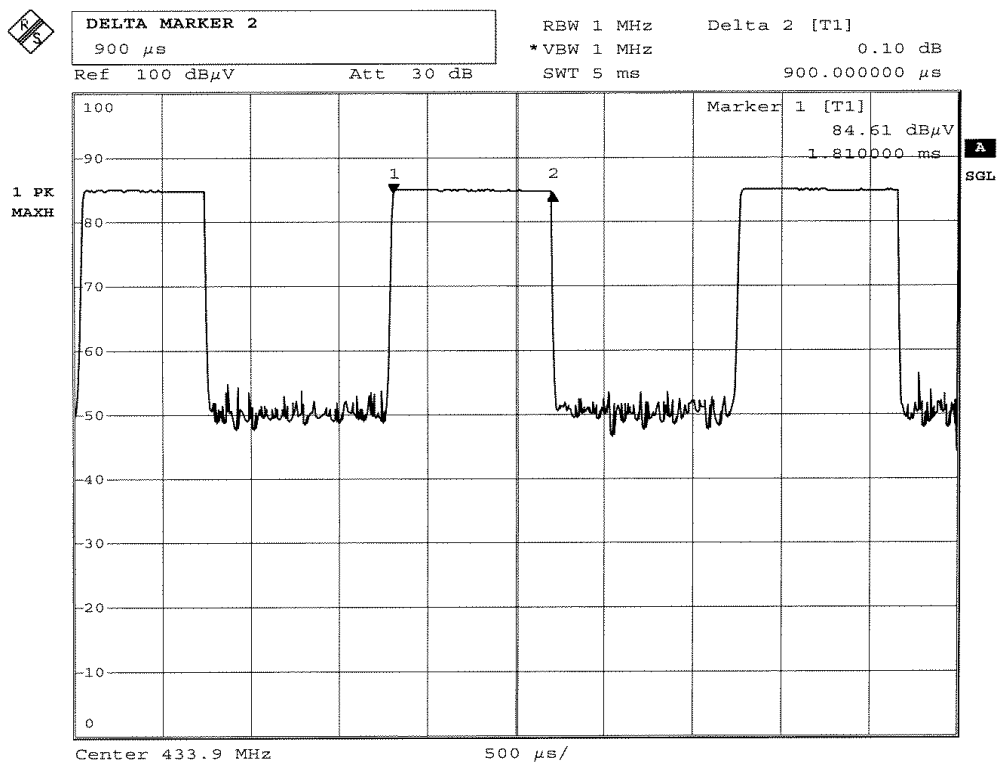


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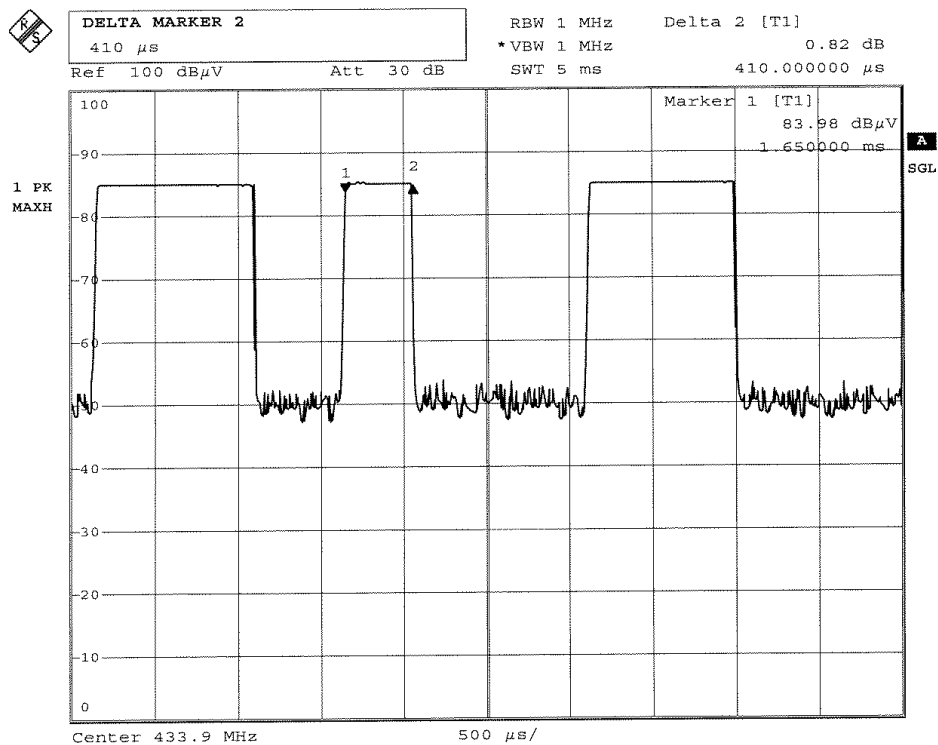


- The graph shows the duration of long 'on' signal. From marker 1 to marker 2, duration is 900 μ s.

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- Marker 1 to marker 2 showing the duration of short 'on' signal is 410μs.
- Therefore the total signal 'on' time of one successful period is (900μs x 6) + (410μs x 6) = 7.86ms.

Average factor

Average factor : $20 \log (7.86 / 17.6) = \underline{-7.0\text{dB}}$