

Appendix 1

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TÜV Rheinland Group

Prüfbericht - Nr.:
Test Report No.

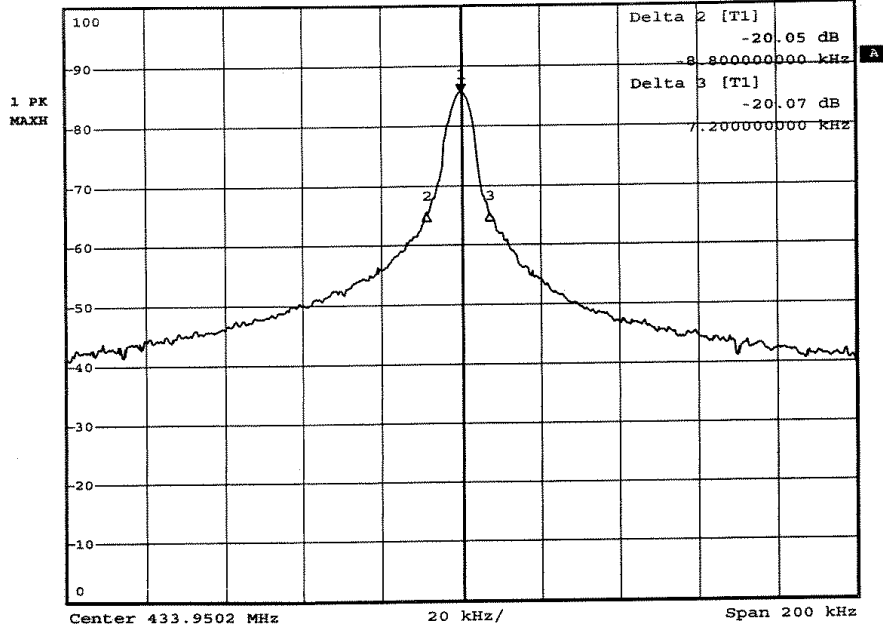
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MARKER 1
433.9502 MHz
Ref 100 dBμV Att 30 dB

*RBW 3 kHz Marker 1 [T1]
*VBW 10 kHz 85.57 dBμV
SWT 25 ms 433.950200000 MHz



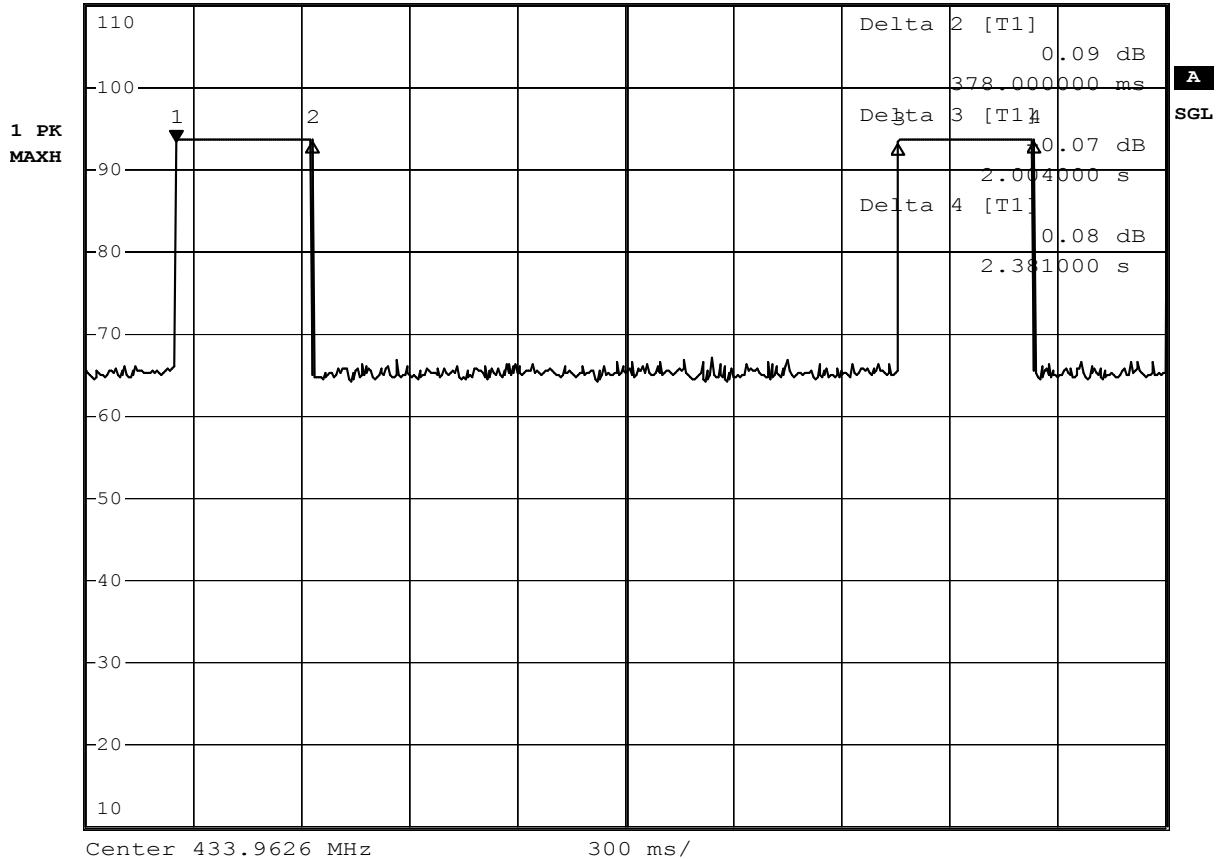
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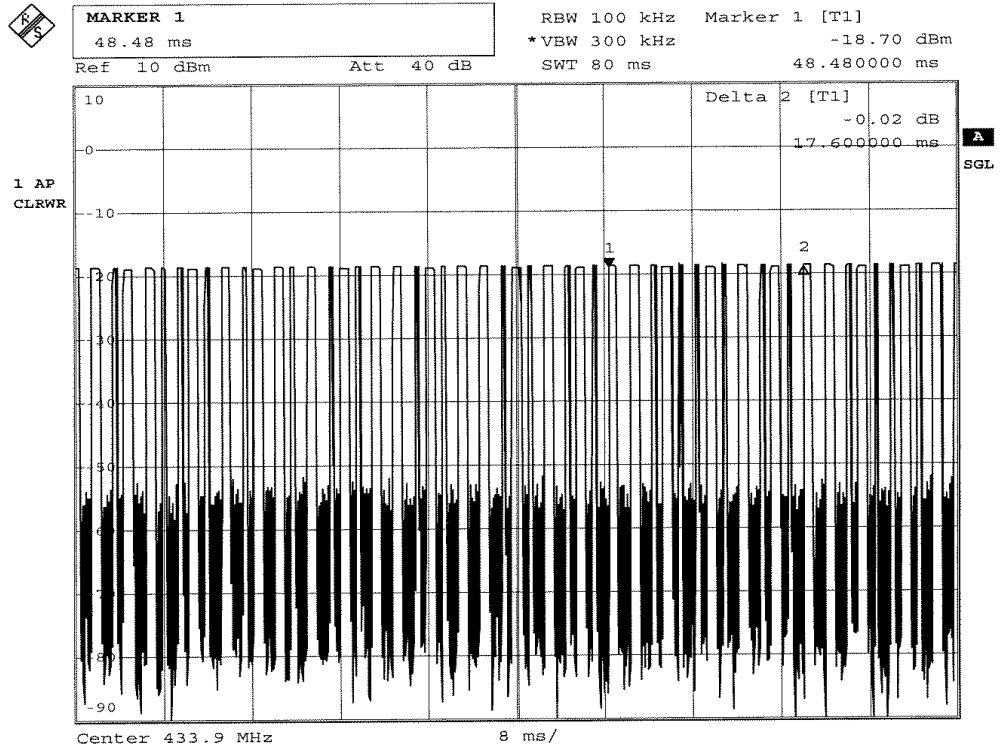


Ref 110 dBµV Att 40 dB RBW 1 MHz Marker 1 [T1] 93.52 dBµV
 *VBW 1 MHz SWT 3 s 253.000000 ms

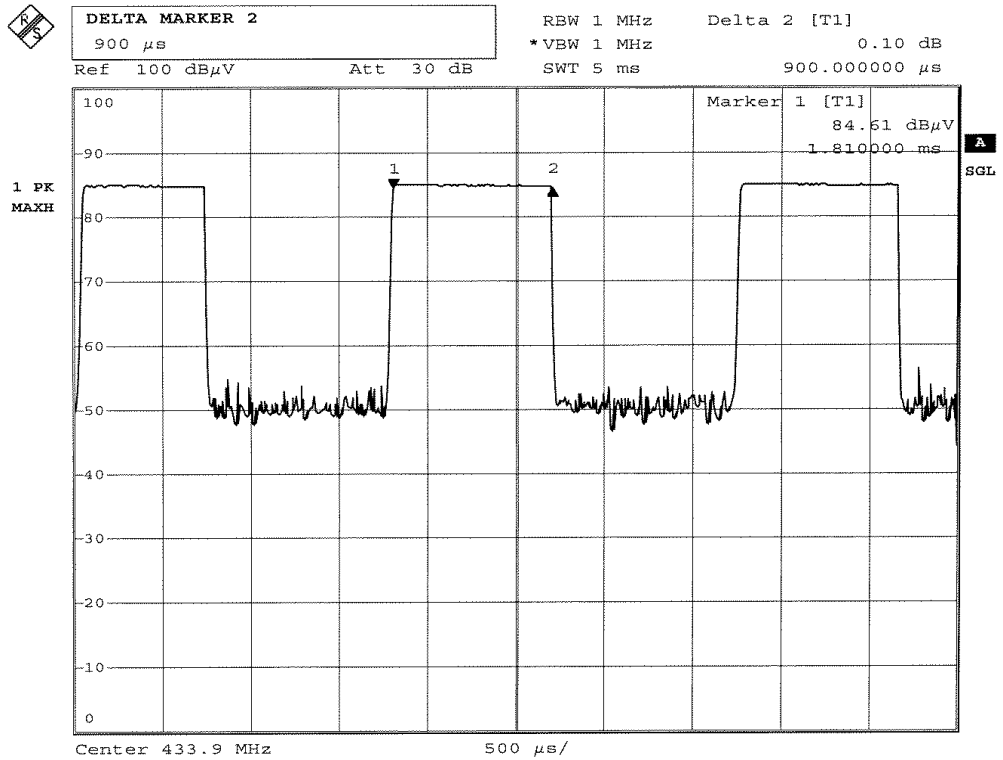


Date: 6.JAN.2005 14:19:47

- 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.



- 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.

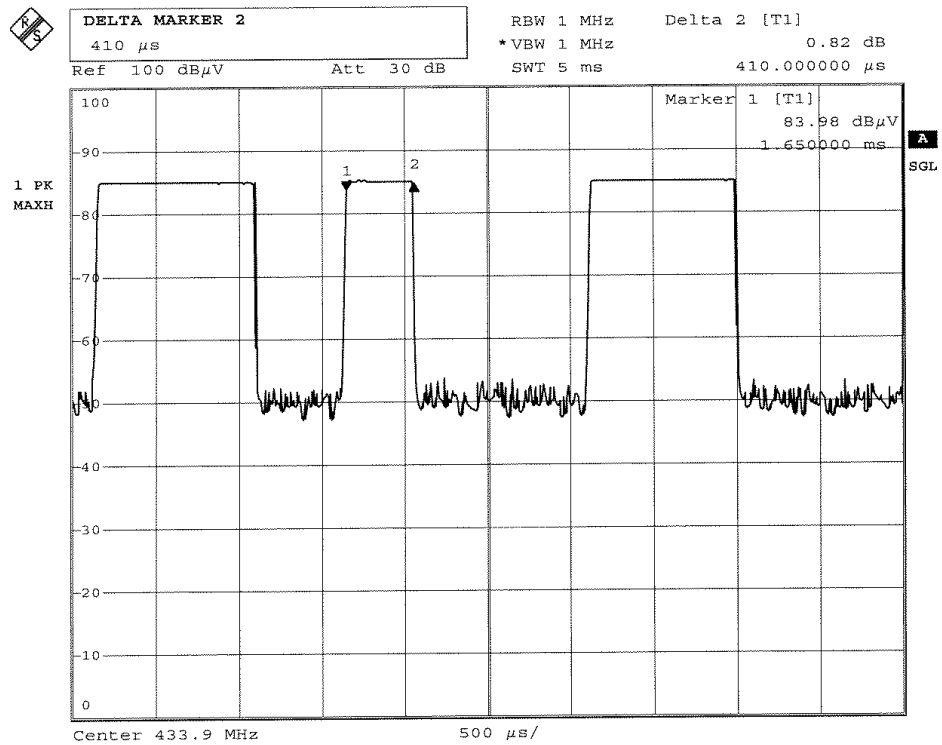


- The graph shows the duration of long 'on' signal. From marker 1 to marker 2, duration is 900μs.

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