

Prüfbericht - Nr.:
Test Report No.

14008204 001

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MARKER 1

270.4 ms

Ref 0 dBm

*Att 10 dB

RBW 1 MHz

*VBW 1 MHz

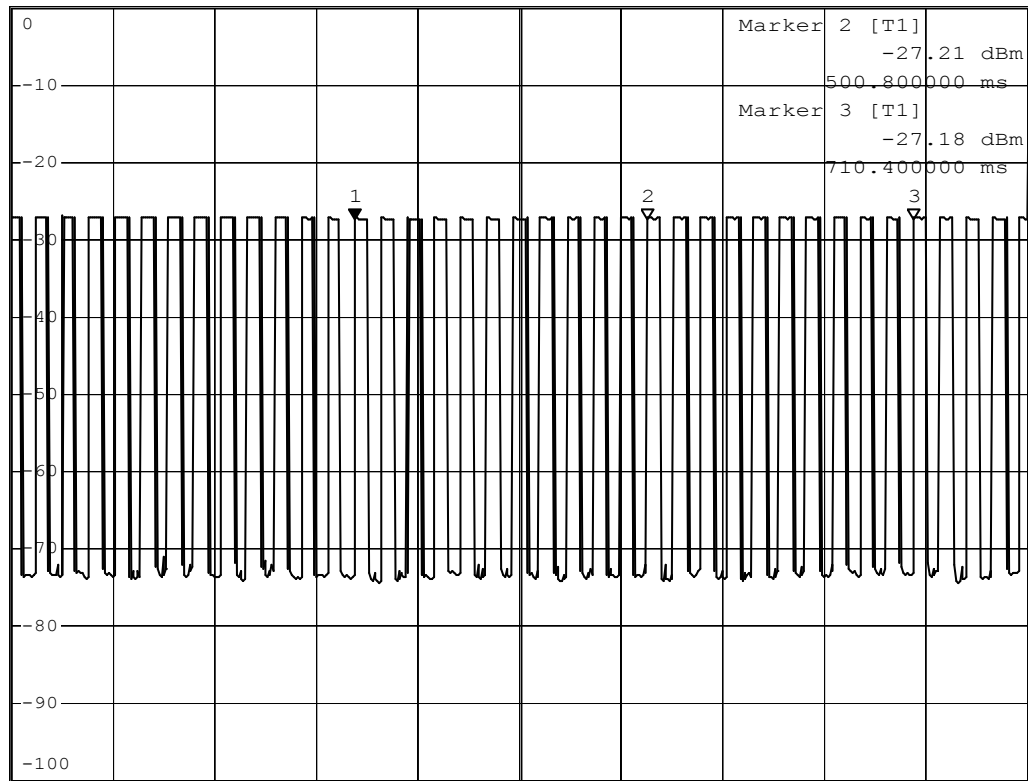
SWT 800 ms

Marker 1 [T1]

-27.22 dBm

270.400000 ms

1 PK
MAXH



Center 433.8 MHz

80 ms/

Date: 25.FEB.2005 18:09:45

- The EUT is a manually operated transmitter. It employs a push to operate switch, it will automatically deactivate the transmitter within 3 second of being released.
- The graph shows one successful period of signal transmission.
- The time interval of one period starts from marker 1 to marker 3, hence the total time of one period is $270.4\text{ms} - 710.4\text{ms} = \underline{440\text{ms}}$.
- It sums of 6 short and 15 long 'on' signals.

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MARKER 2

270.4 ms

RBW 1 MHz

Marker 2 [T1]

*VBW 1 MHz

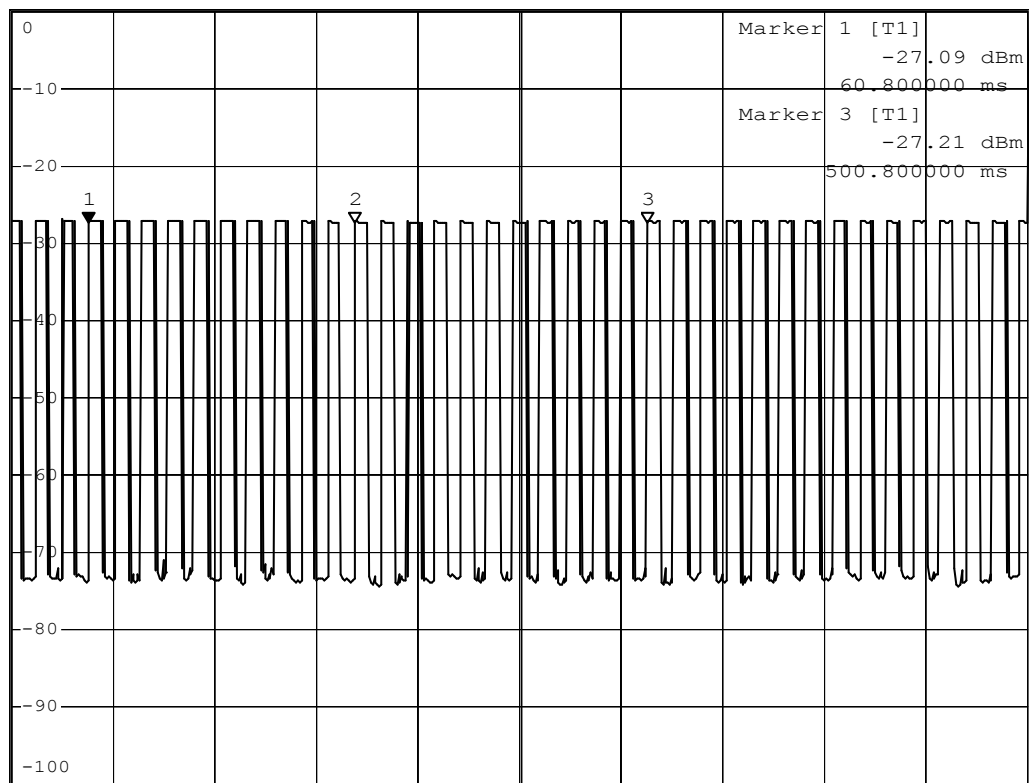
-27.22 dBm

Ref 0 dBm

*Att 10 dB

SWT 800 ms

270.400000 ms

1 PK
MAXHA
SGL

Date: 25.FEB.2005 18:04:58

- The graph shows next successful period of signal transmission.
- The time interval of one period starts from marker 1 to marker 3, hence the total time of one period also is $500.8\text{ms} - 60.8\text{ms} = \underline{440\text{ms}}$.
- It also sums of 6 short and 15 long 'on' signals.

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MARKER 1

296 ms

Ref 0 dBm

*Att 10 dB

RBW 1 MHz

*VBW 1 MHz

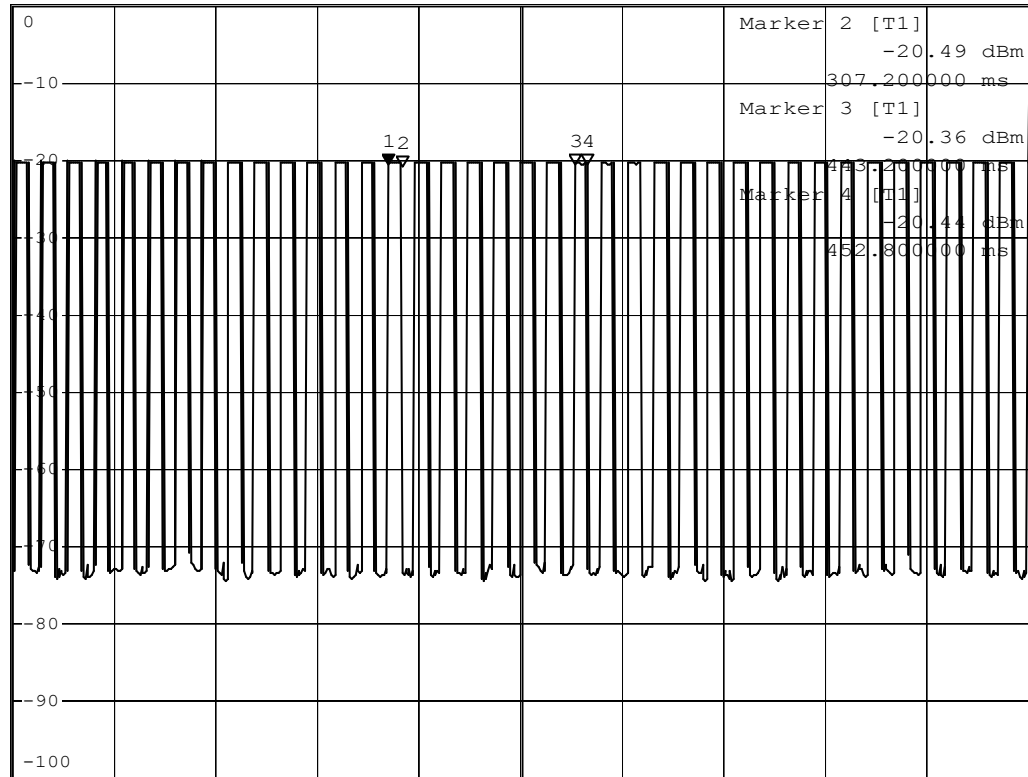
SWT 800 ms

Marker 1 [T1]

-20.30 dBm

296.000000 ms

1 PK
MAXH



Center 433.8 MHz

80 ms/

Date: 25.FEB.2005 18:19:15

- The graph shows the long signal 'on' is from marker 1 to marker 2, so time period is $307.2 \text{ ms} - 296 \text{ ms} = 11.2 \text{ ms}$.
- The graph shows the short signal 'on' is from marker 3 to marker 4, so time period is $452.8 \text{ ms} - 443.2 \text{ ms} = 9.6 \text{ ms}$.
- Therefore, the total signal 'on' time of one successful period is $(11.2 \text{ ms} \times 15) + (9.6 \text{ ms} \times 6) = \underline{\underline{225.6 \text{ ms}}}$.

Average factor: $20 \log (225.6 / 440) = \underline{\underline{-5.8 \text{ dB}}}$.