

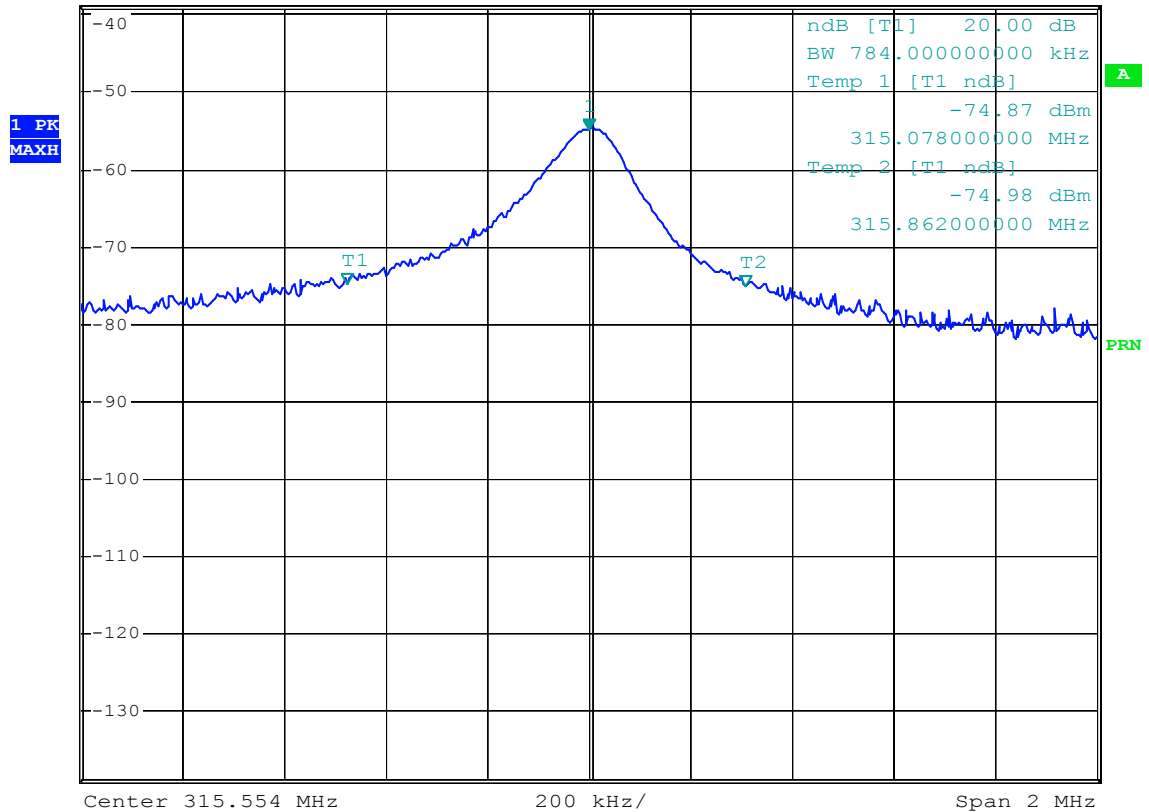
Prüfbericht - Nr.:
Test Report No.

14016428 001

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*RBW 100 kHz Marker 1 [T1]
VBW 300 kHz -54.77 dBm
Ref -39 dBm Att 10 dB SWT 2.5 ms 315.55400000 MHz



Date: 16.JUL.2007 16:49:37

Bandwidth measurement: 20dB bandwidth = 476kHz + 308kHz = **784kHz**

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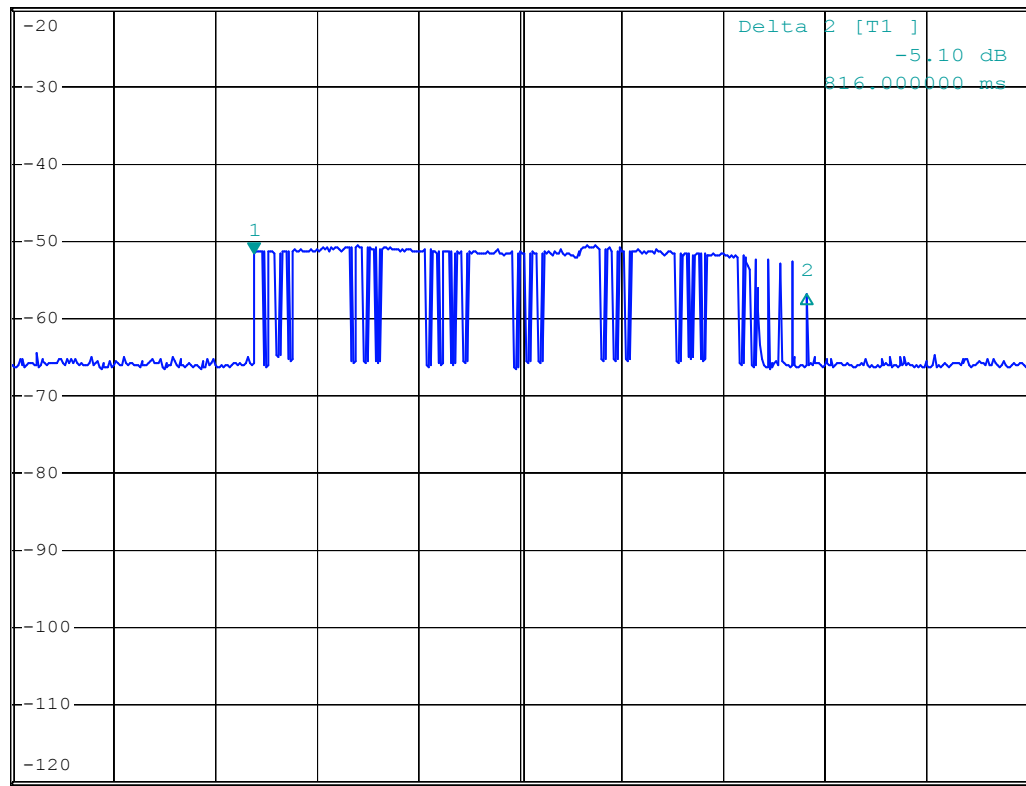
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Ref -20 dBm Att 10 dB RBW 3 MHz Marker 1 [T1]
VBW 10 MHz -51.73 dBm
SWT 1.5 s 357.000000 ms

1 PK
MAXH



Center 315.548 MHz 150 ms/

Date: 18.JUL.2007 15:56:06

Message length: 816ms

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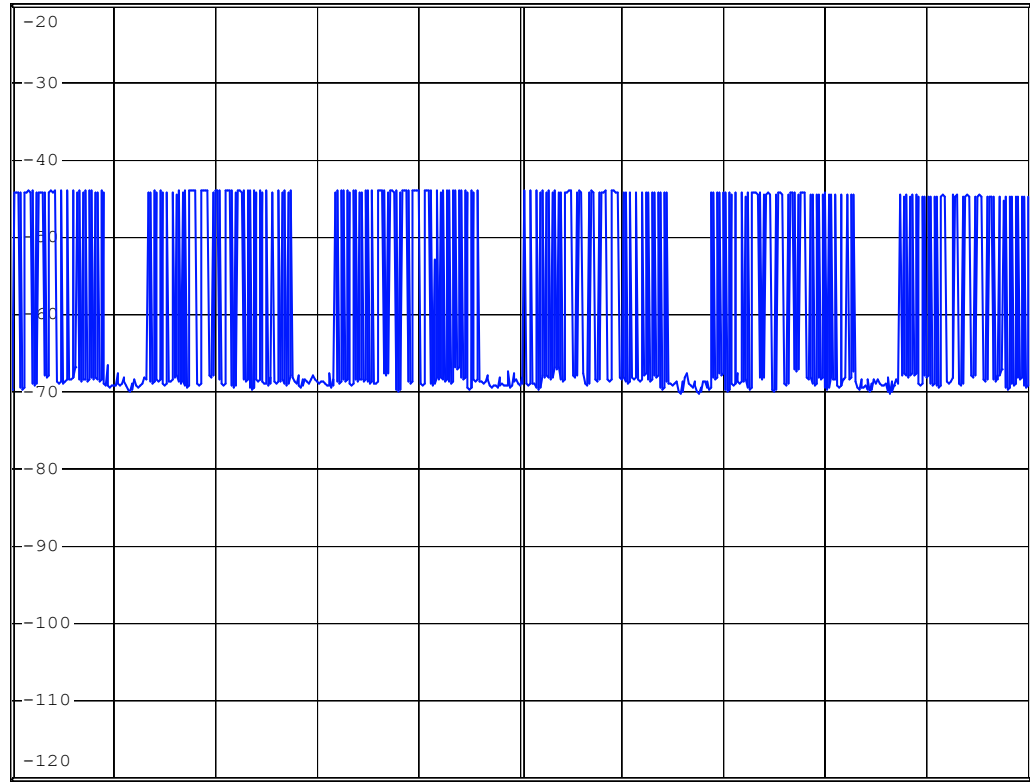


RBW 3 MHz
VBW 10 MHz
SWT 100 ms

Ref -20 dBm

Att 10 dB

1 PK
MAXH



Center 315.548 MHz

10 ms/

Date: 14.AUG.2007 17:53:16

- The graph shows the pattern of coding during the signal transmission.
- Within the pulse train, there are 95 short and 24 long 'on' signals.

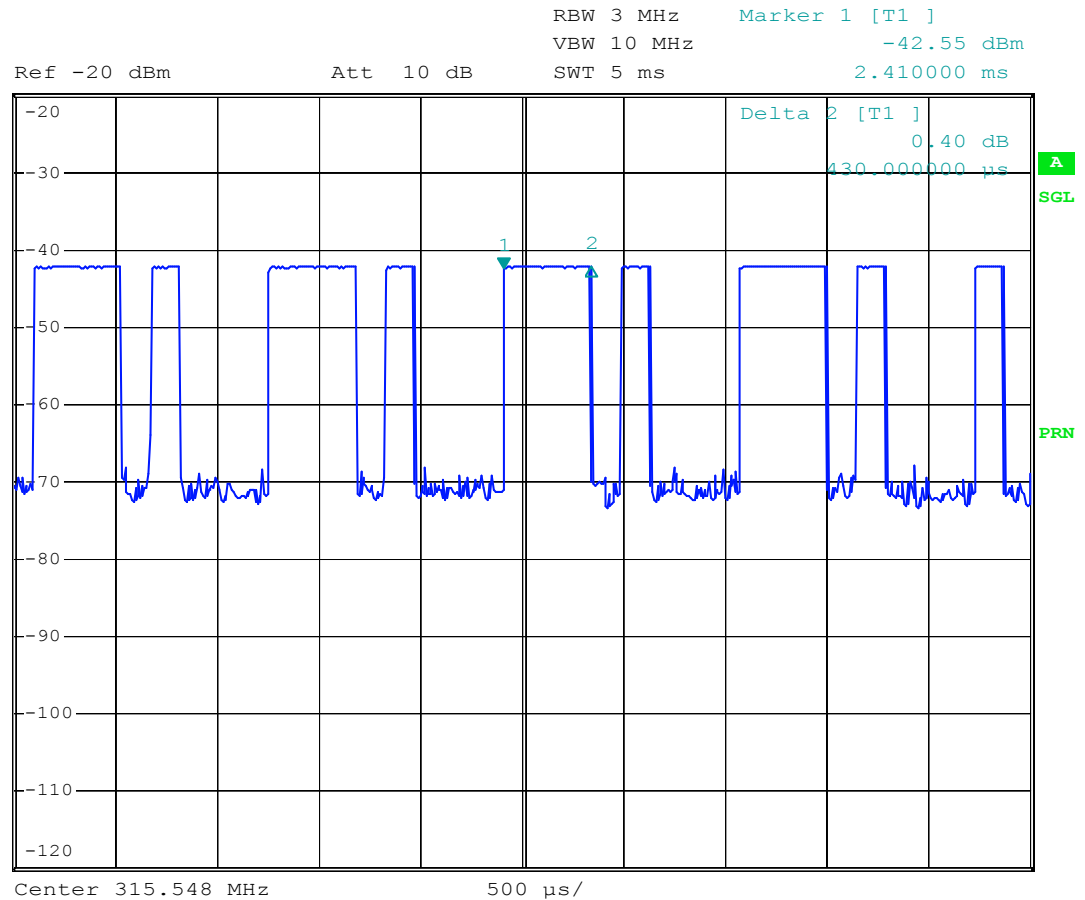
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1 PK
MAXH



Date: 16.JUL.2007 17:26:32

- The duration of long 'on' signal indicates 0.43ms.

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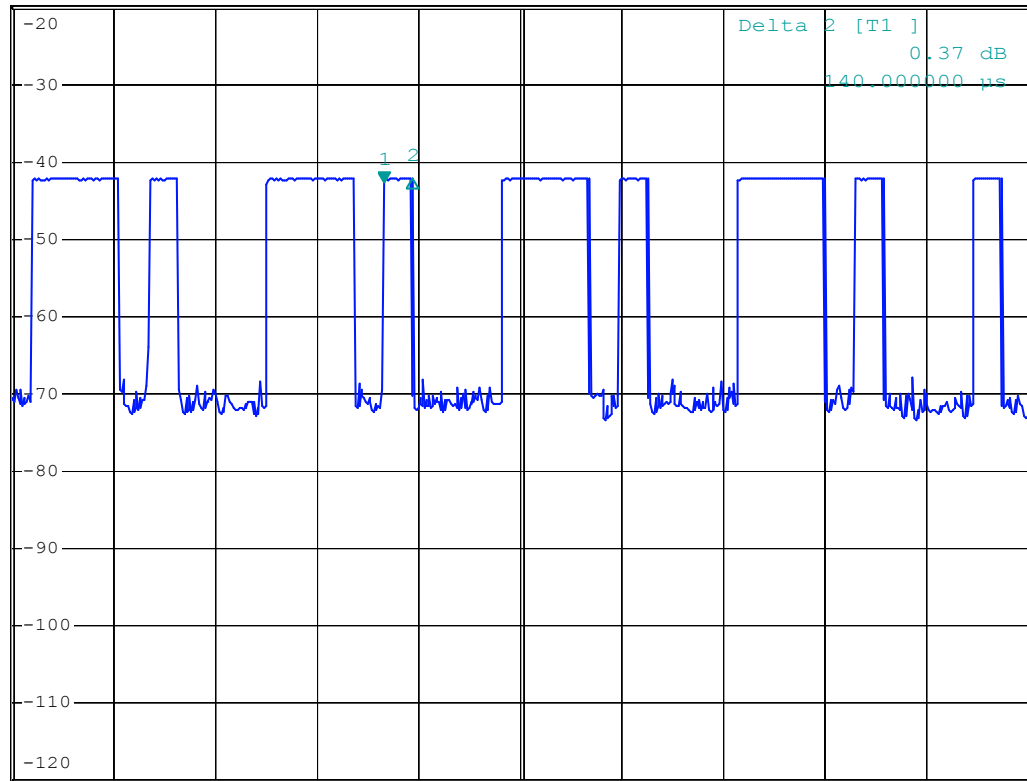


RBW 3 MHz Marker 1 [T1]
VBW 10 MHz -42.61 dBm
SWT 5 ms 1.830000 ms

Ref -20 dBm

Att 10 dB

1 PK
MAXH



Center 315.548 MHz

500 μs/

Date: 16.JUL.2007 17:25:43

-The duration of short 'on' signal indicates 0.14ms.

-Therefore, the total 'on' time of a transmission within 100ms: $(0.43\text{ms} \times 24) + (0.14\text{ms} \times 95) = 23.62 \text{ ms}$

-Average factor: $20 \log (23.62/100) = -12.53\text{dB}$