

Prüfbericht - Nr.:
Test Report No.

14012168 002

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DELTA MARKER 3

-134 kHz

Ref -20 dBm

Att 10 dB

*RBW 100 kHz Delta 3 [T1]

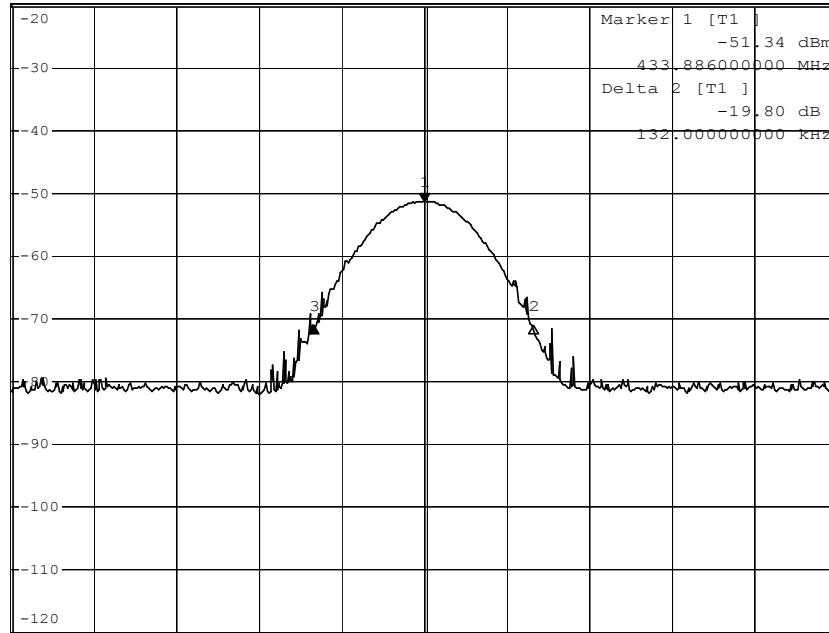
VBW 300 kHz

SWT 2.5 ms

-19.81 dB

-134.000000000 kHz

1 PK
MAXH



Center 433.886 MHz

100 kHz/

Span 1 MHz

Date: 26.APR.2006 15:00:08

- Bandwidth measurement: 20dB bandwidth = 134kHz + 132kHz = **266kHz**

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DELTA MARKER 2

43.08 s

Ref -20 dBm

Att 10 dB

RBW 100 kHz Delta 2 [T1]

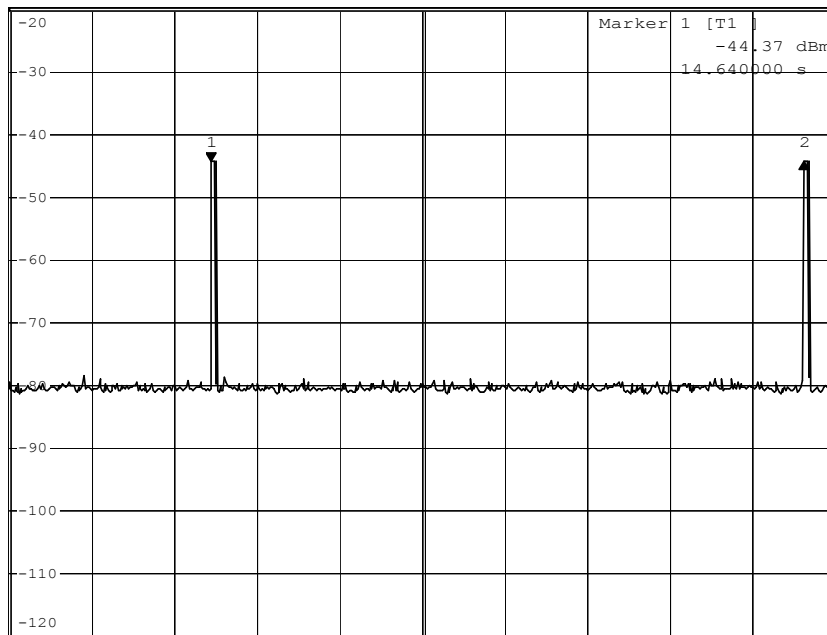
VBW 300 kHz

-0.00 dB

SWT 60 s

43.080000 s

1 PK
MAXH



A
SGL

Center 433.886 MHz

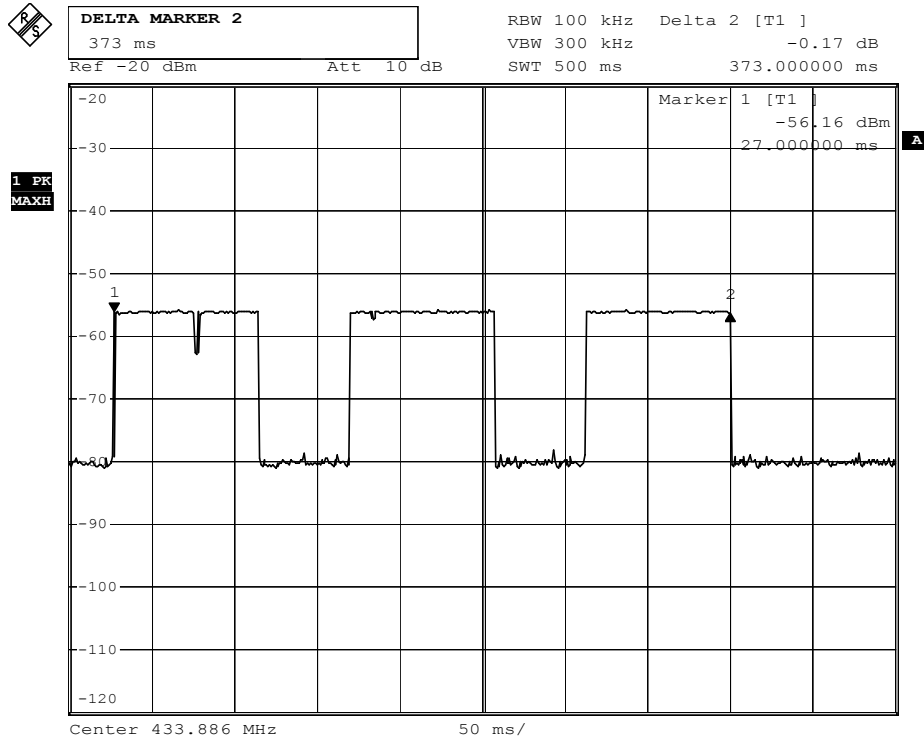
6 s/

Date: 26.APR.2006 15:52:20

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Date: 26.APR.2006 16:02:46

Part 15.231 (e) requirement

	Measured time (second(s))	Limit (second(s))
Duration of each transmission	0.373	≤ 1
Duration of silent period	43.08-0.373 =42.707	$\geq 30 \times 0.373 = 11.19$, and ≥ 10 (shall be in any circumstances)

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DELTA MARKER 2

49.1 ms

Ref -25 dBm

*Att 10 dB

RBW 3 MHz

*VBW 10 MHz

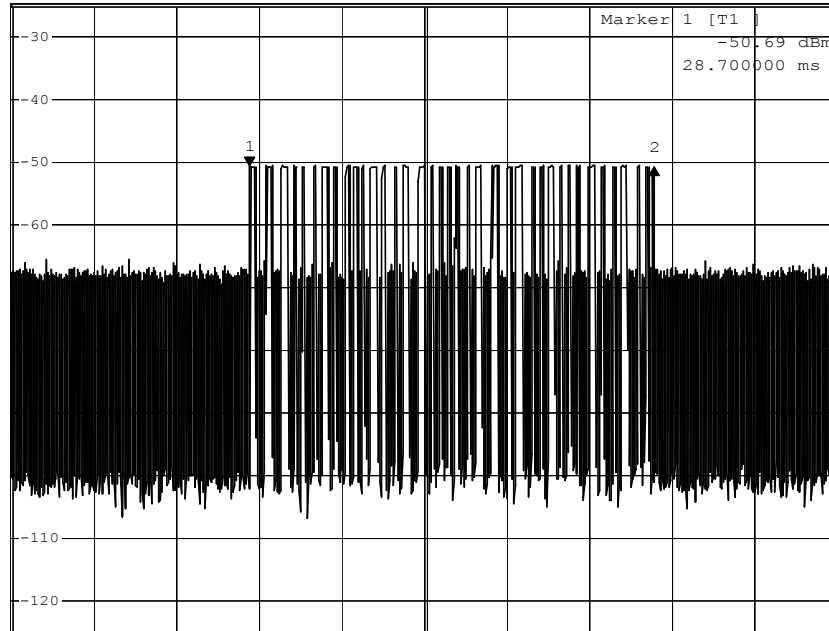
SWT 100 ms

Delta 2 [T1]

-0.12 dB

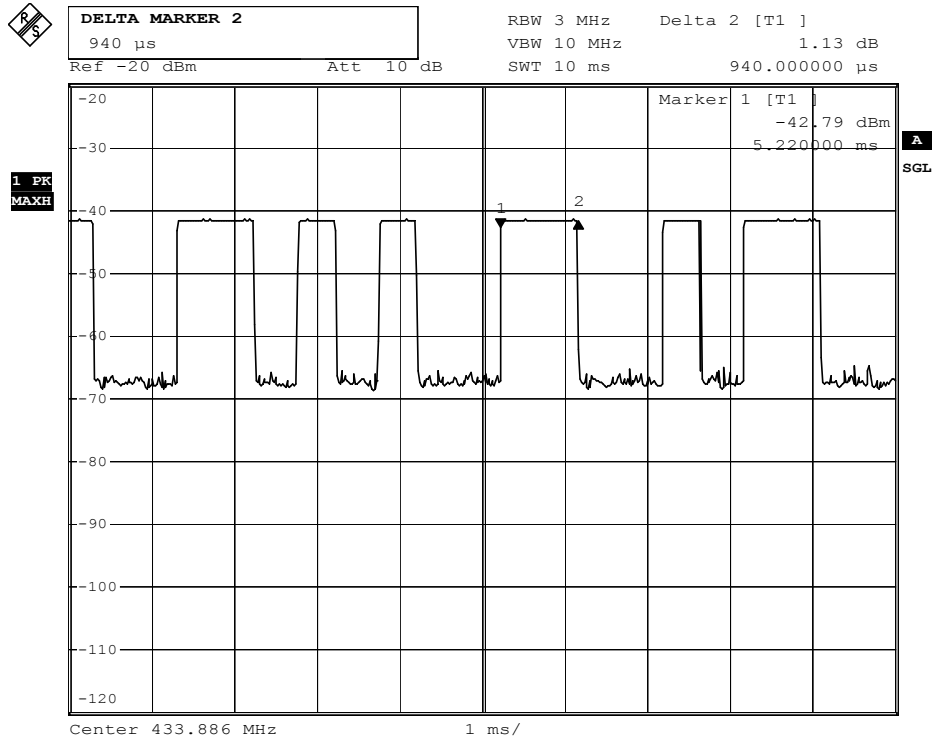
49.100000 ms

1 AP
VIEW



Date: 12.MAY.2006 14:54:46

- The graph shows the pattern of coding during the signal transmission.
- Within the pulse train, there are 26 short and 13 long 'on' signals.

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Date: 3.JUL.2006 19:02:22

- The duration of long 'on' signal indicates 940 μ s.

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DELTA MARKER 2

420 μ s

Ref -20 dBm

Att 10 dB

RBW 3 MHz

Delta 2 [T1]

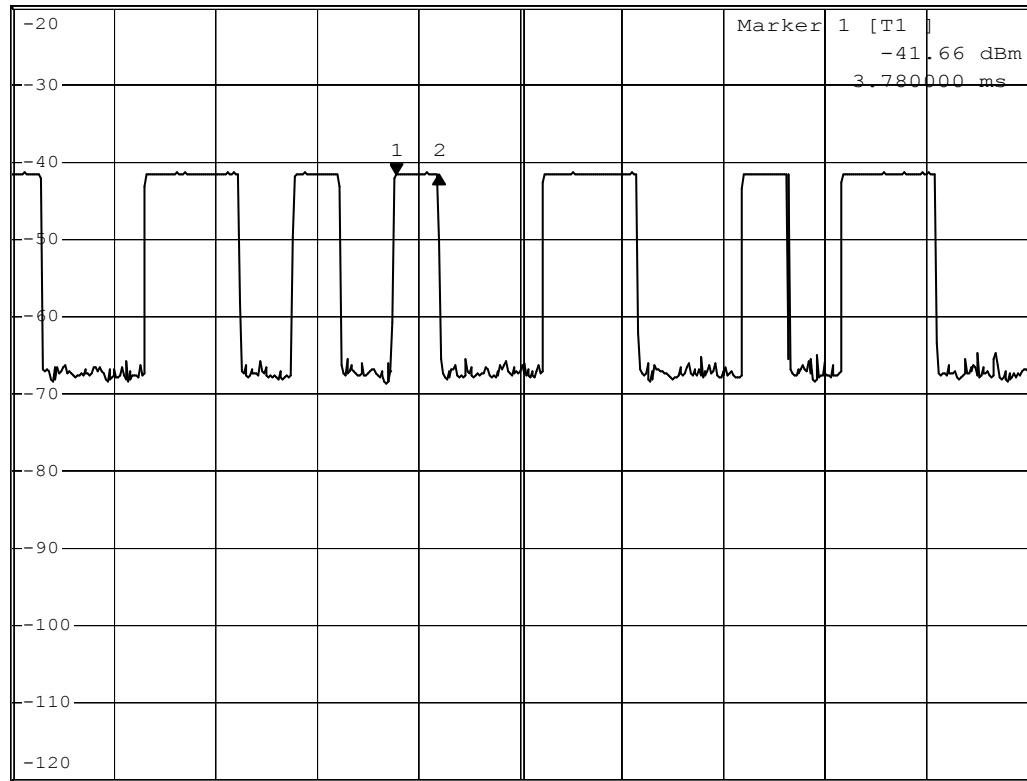
VBW 10 MHz

0.09 dB

SWT 10 ms

420.000000 μ s

1 PK
MAXH



Center 433.886 MHz

1 ms/

Date: 3.JUL.2006 19:03:30

- The duration of short 'on' signal indicates 420 μ s.
- Therefore, the total 'on' time of one successful period $(0.94\text{ms} \times 13) + (0.42\text{ms} \times 26) =$ **23.14ms.**
- Average factor: $20 \log (23.14/100)=12.71\text{dB}$