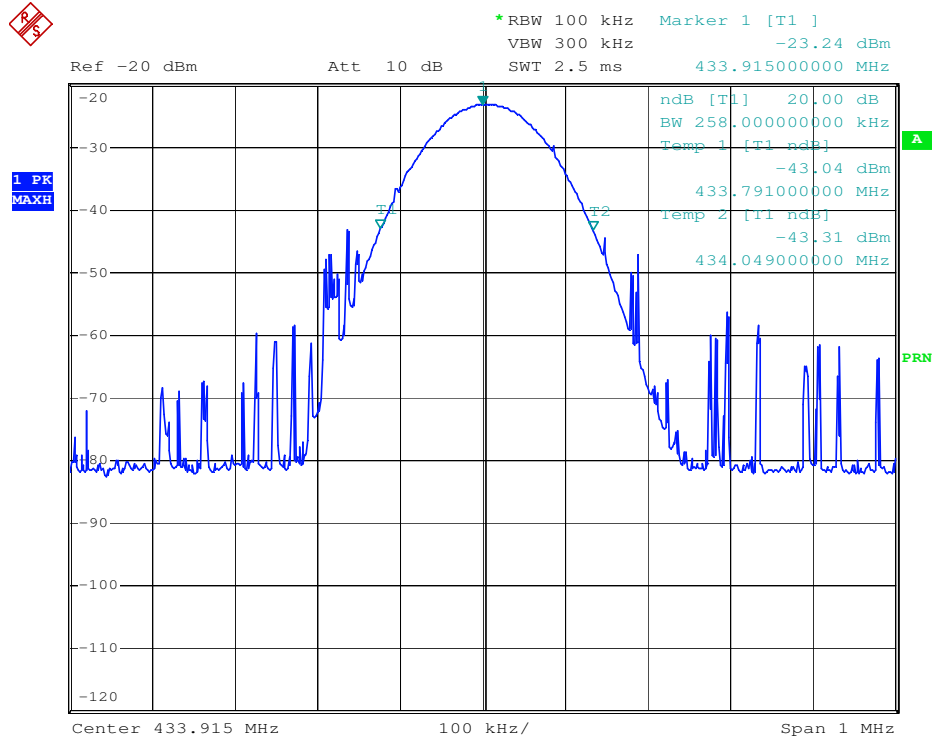


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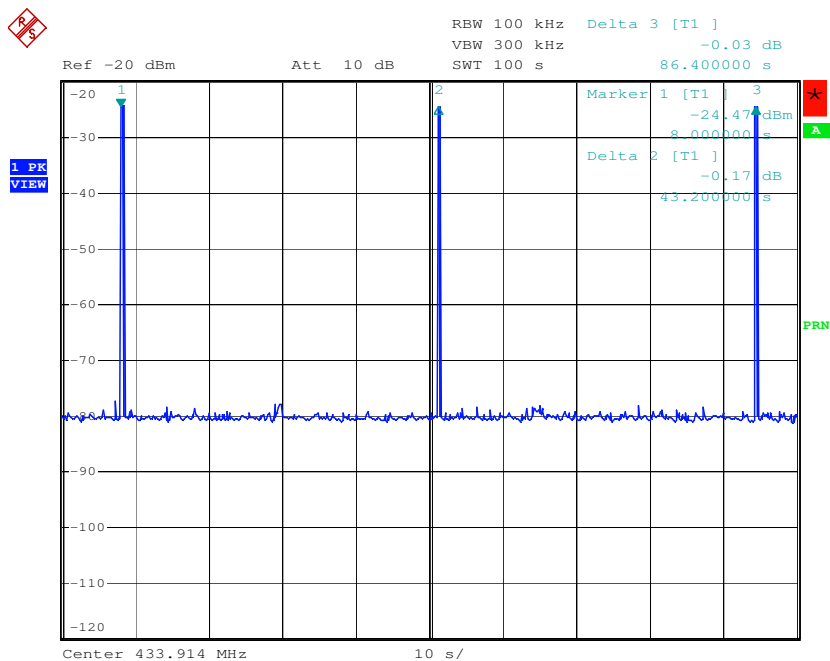
Date: 25.JUN.2007 14:40:17

- Bandwidth measurement: 20dB bandwidth = 124kHz + 134kHz = **258kHz**

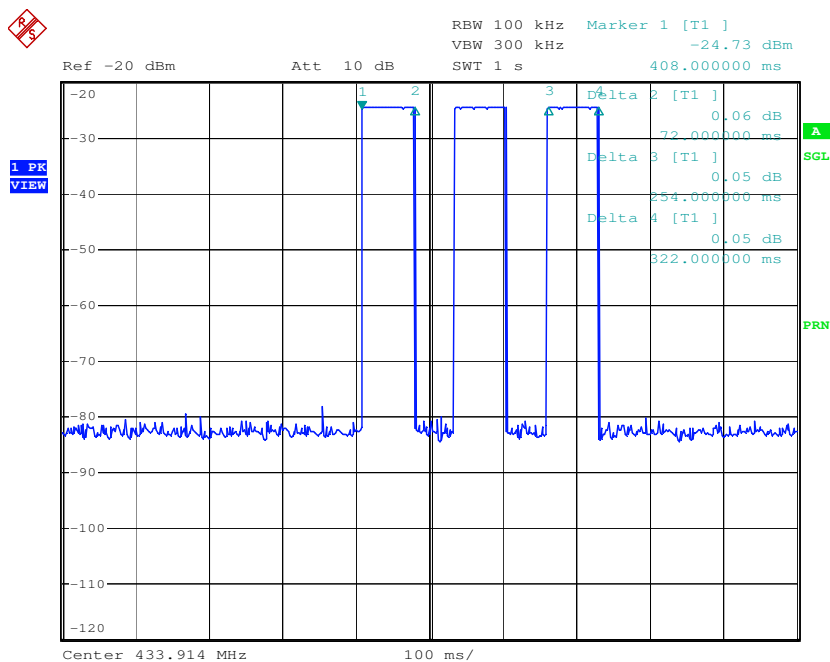
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Date: 25.JUN.2007 14:52:58

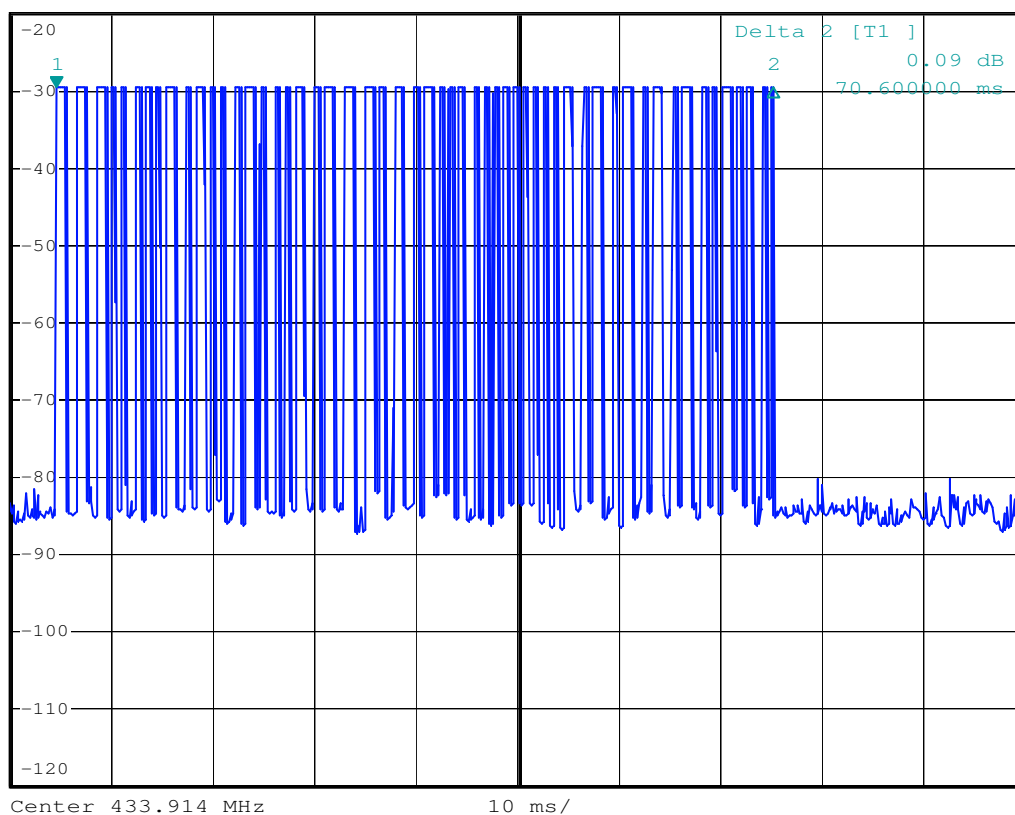
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RBW 100 kHz Marker 1 [T1]
VBW 300 kHz -29.62 dBm
Att 10 dB SWT 100 ms 4.600000 ms



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Part 15.231 (e) requirement

	Measured time (second(s))	Limit (second(s))
Duration of each transmission	0.322	≤ 1
Duration of silent period	43.2-0.322 =42.878	$\geq 30 \times 0.4018=12.05$ and ≥ 10 (shall be in any circumstances)

- The graph shows the pattern of coding during the signal transmission.
- Within the pulse train, there are 37 short and 18 long 'on' signals.

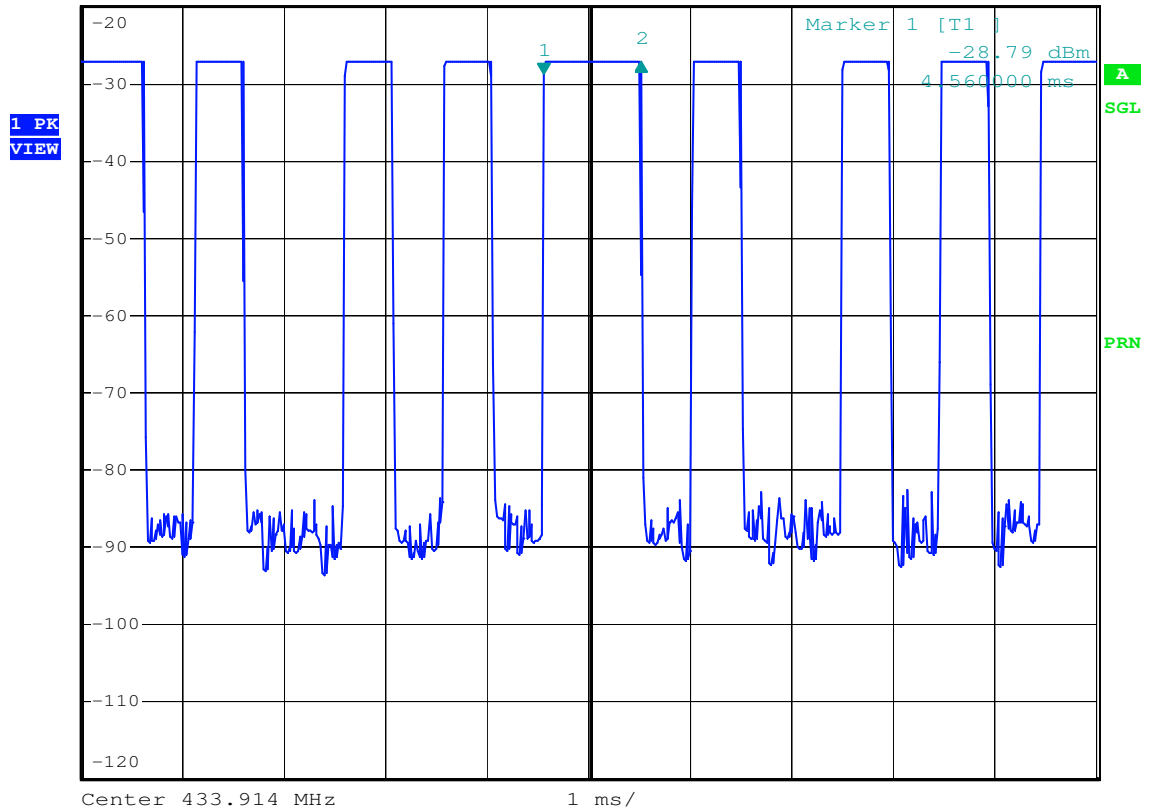
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RBW 100 kHz Delta 2 [T1]
VBW 300 kHz 1.60 dB
SWT 10 ms 960.000000 µs
Ref -20 dBm Att 10 dB



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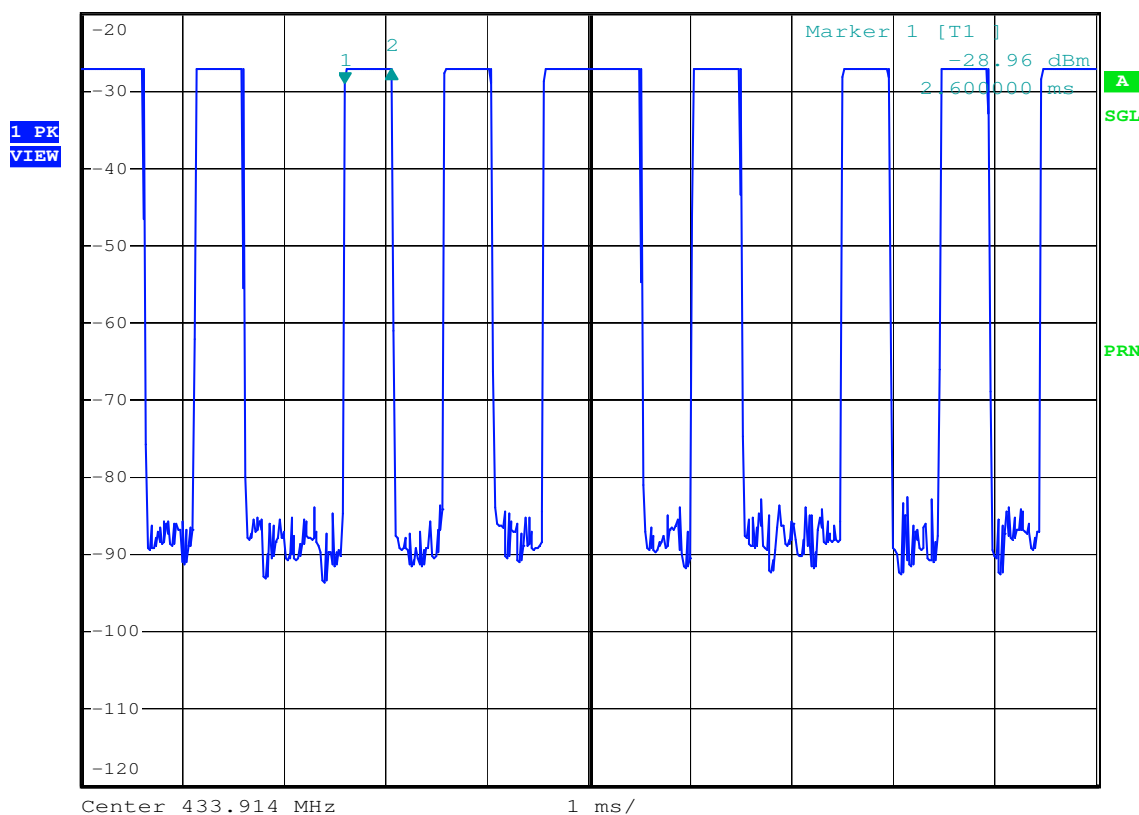
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RBW 100 kHz Delta 2 [T1]
VBW 300 kHz 1.80 dB
Att 10 dB
SWT 10 ms 460.000000 µs
Ref -20 dBm



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- The duration of long 'on' signal indicates 0.96ms.
- The duration of short 'on' signal indicates 0.46ms.
- Therefore, the total 'on' time of one successful period $(0.96\text{ms} \times 18) + (0.46\text{ms} \times 37) = 34.3 \text{ ms}$
- Average factor: $20 \log (34.3/100) = -9.3\text{dB}$