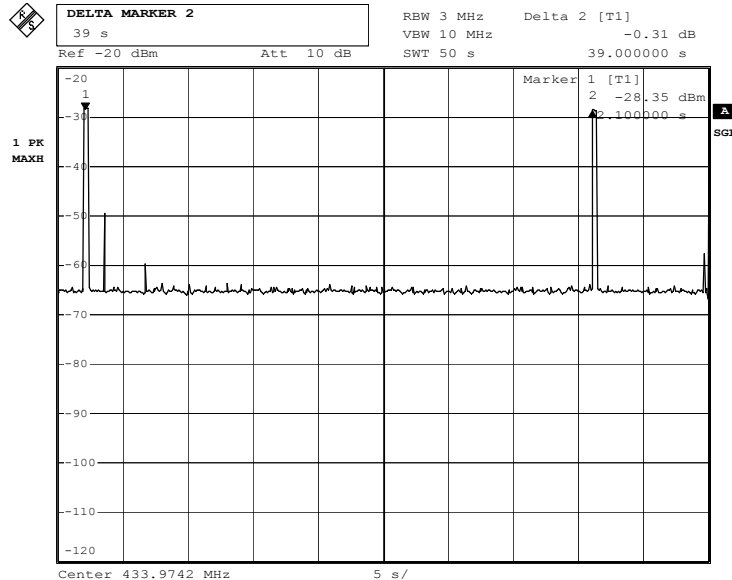


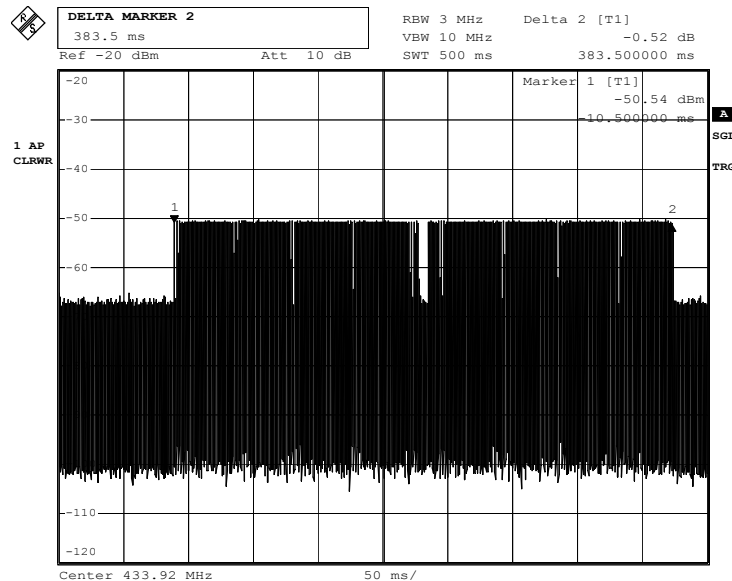
Prüfbericht - Nr.:
Test Report No.

14008786 002

Seite 1 von 4
Page 1 of 4



Date: 16.NOV.2005 16:19:43



Date: 16.NOV.2005 15:29:02

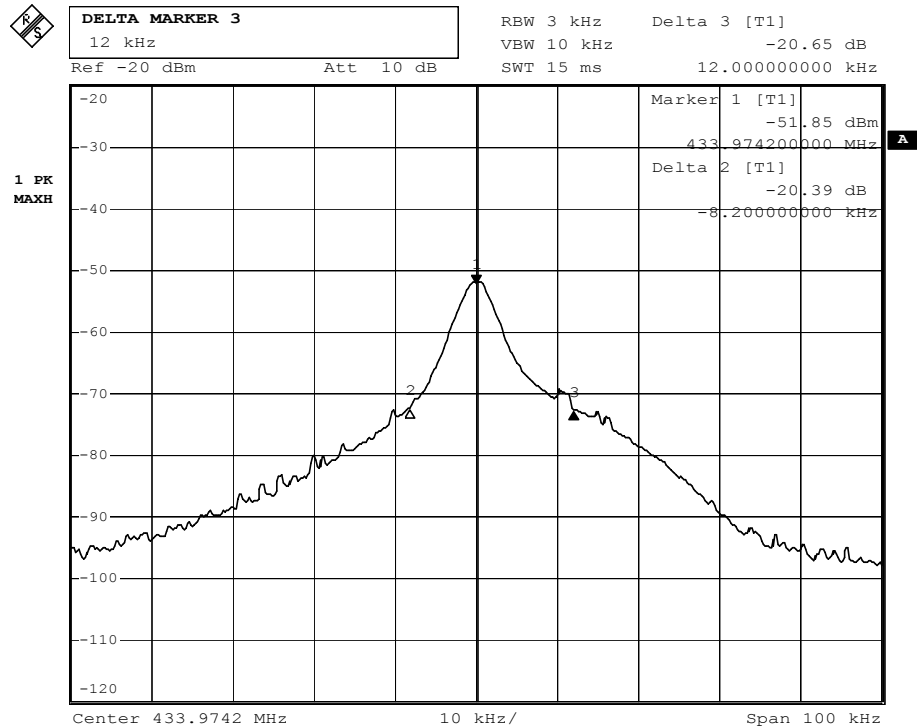
Part 15.231 (e) requirement

	Measured time (second(s))	Limit (second(s))
Duration of each transmission	0.384	≤ 1
Duration of silent period	39.00	$\geq 30 \times 0.384 = 11.520$, and ≥ 10 (shall be in any circumstances)

Prüfbericht - Nr.:
Test Report No.

14008786 002

Seite 2 von 4
Page 2 of 4



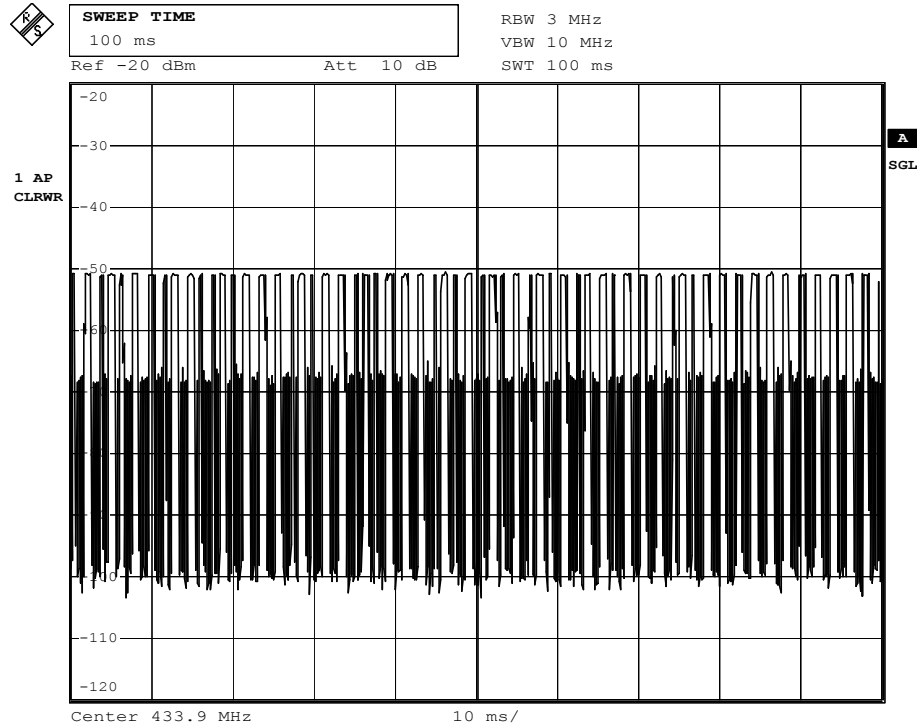
Date: 16.NOV.2005 15:59:07

Bandwidth measurement.

Prüfbericht - Nr.:
Test Report No.

14008786 002

Seite 3 von 4
Page 3 of 4



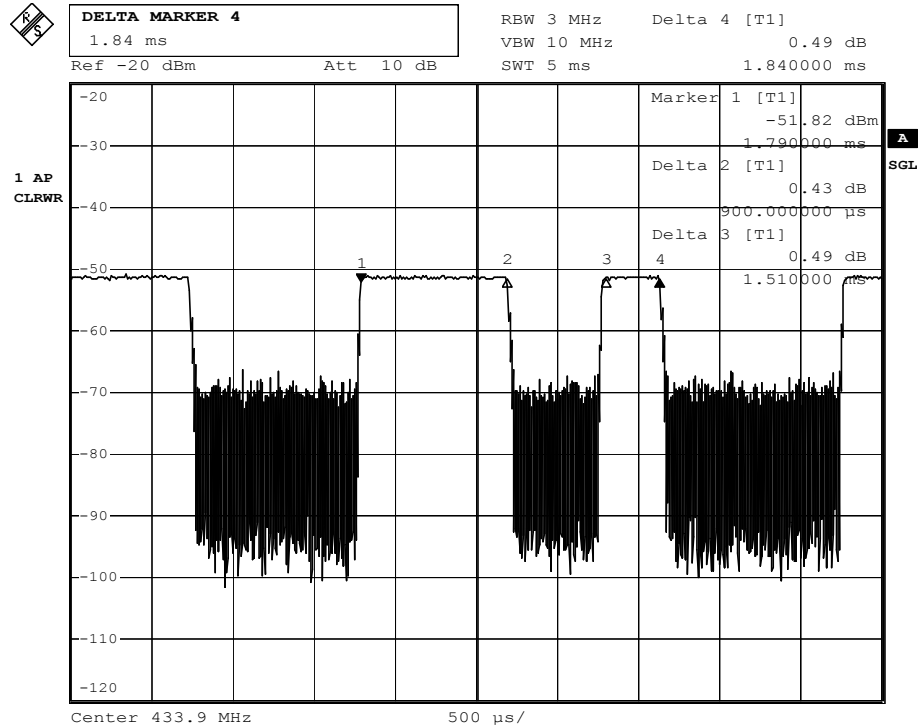
Date: 16.NOV.2005 15:49:36

- The graph shows the pattern of coding during the signal transmission.
- Since the whole pulse train lasts for over 100ms, a 100ms pulse train was selected as above shown for average factor calculation.
- Within the pulse train, there are 22 short, 39 long 'on' signals.

Prüfbericht - Nr.:
Test Report No.

14008786 002

Seite 4 von 4
Page 4 of 4



Date: 16.NOV.2005 15:55:21

- The graph shows the duration of a long 'on' signal from marker 1 to marker 2 indicating 0.9 ms and a short 'on' signal from marker 3 to marker 4 indicating 0.33 ms.
- Therefore, the total signal 'on' time of one successful period is $(0.9 \text{ ms} \times 39) + (0.33 \text{ ms} \times 22) = \underline{\underline{42.36 \text{ ms}}}$.

Average factor: $20 \log (42.36 / 100.00) = \underline{\underline{-7.46 \text{ dB}}}$.