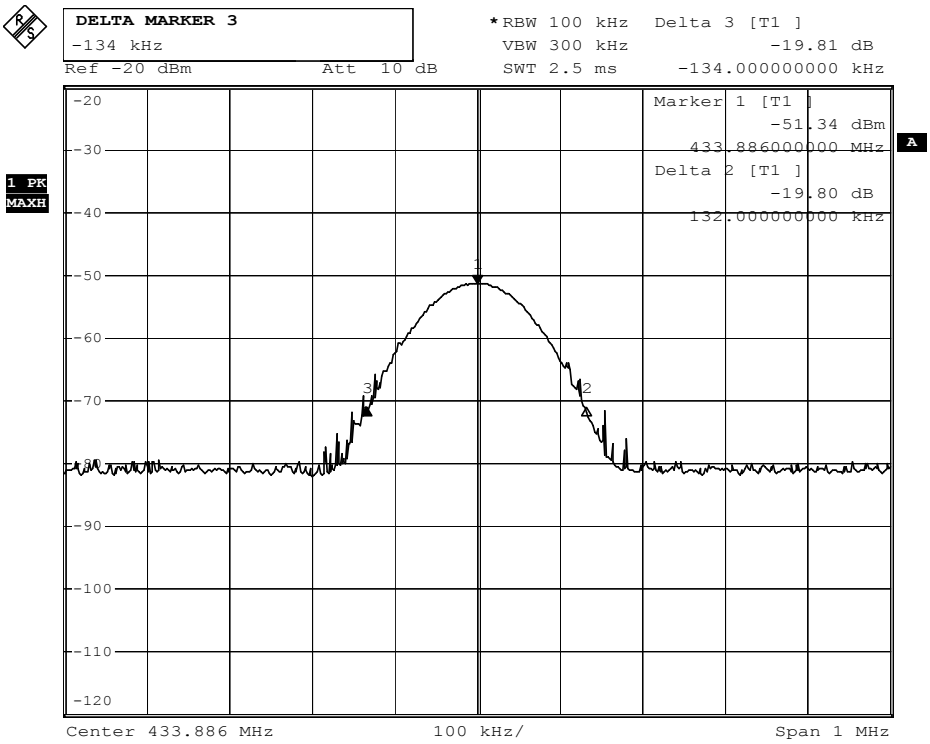
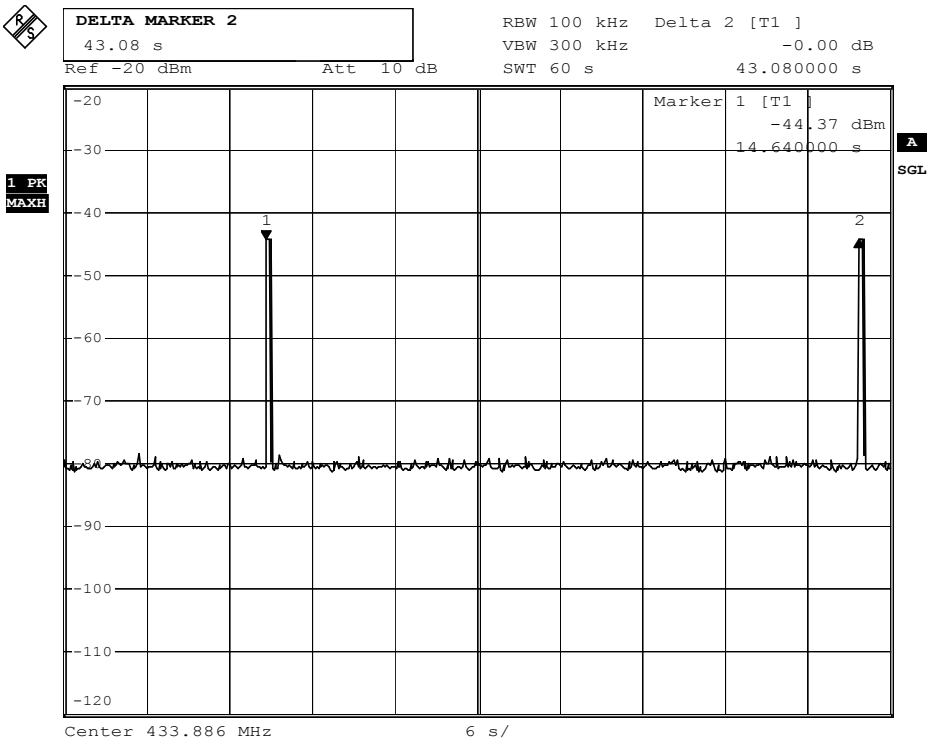


- Bandwidth measurement: 20dB bandwidth = 134kHz + 132kHz =**266kHz**



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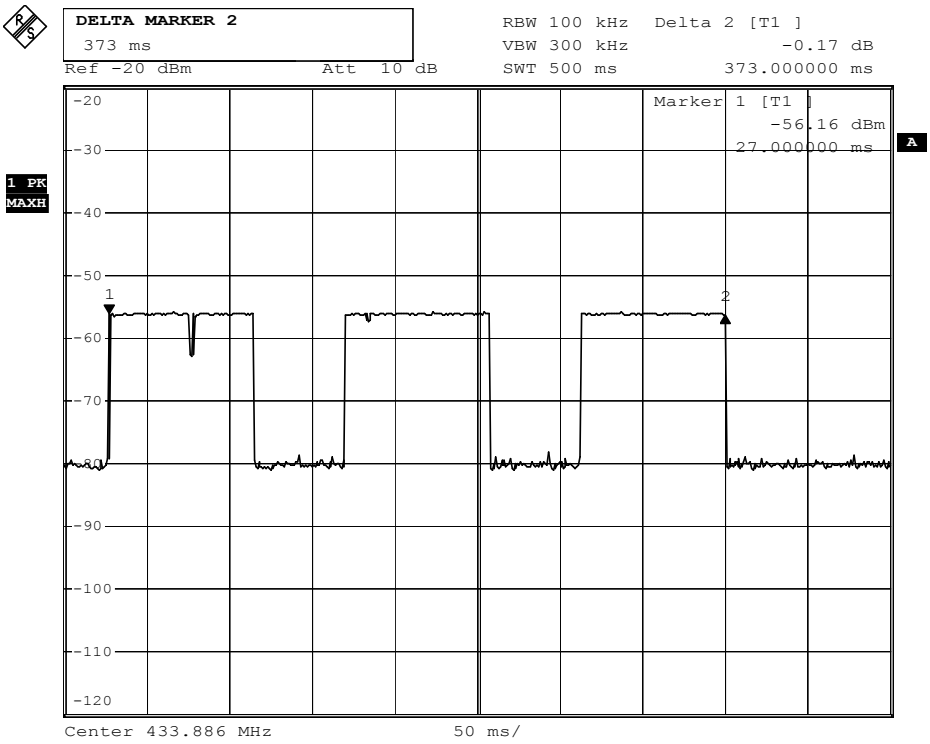

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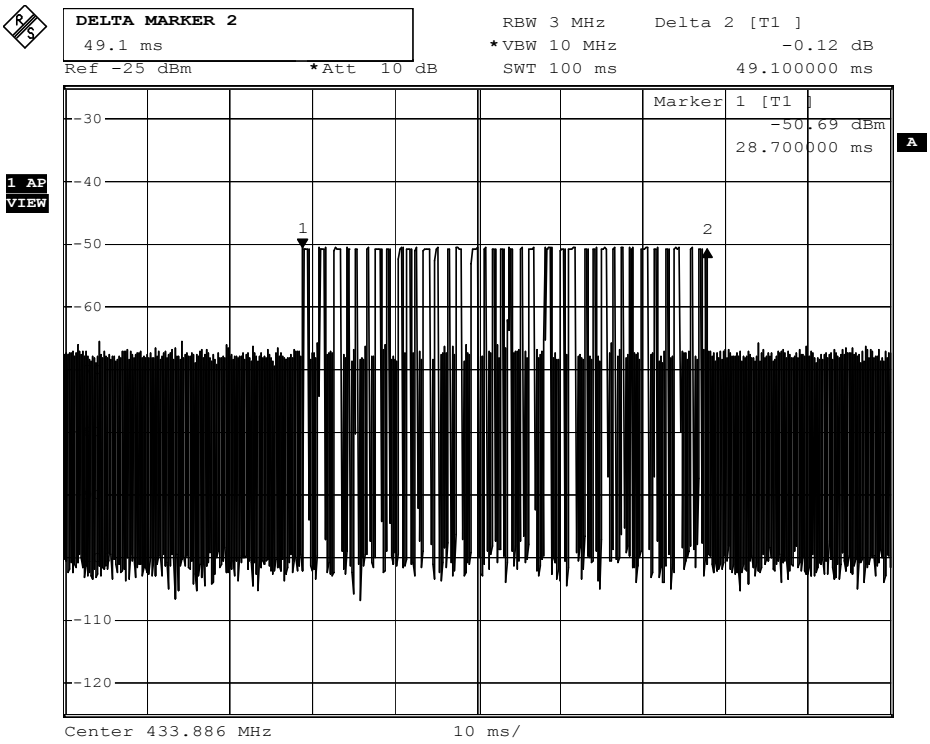
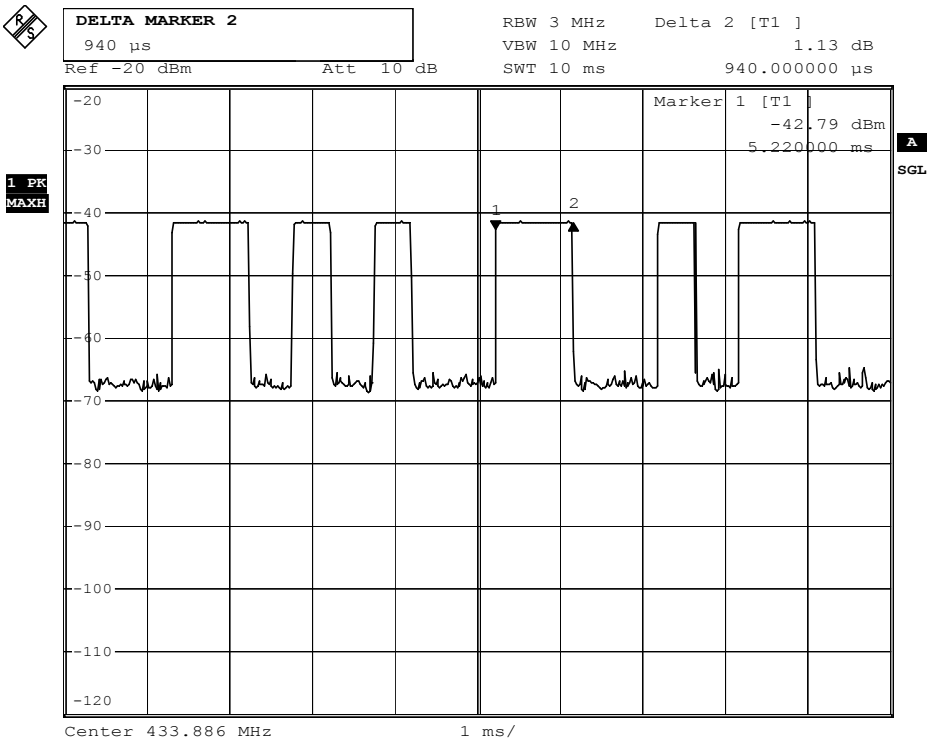
Part 15.231 (e) requirement

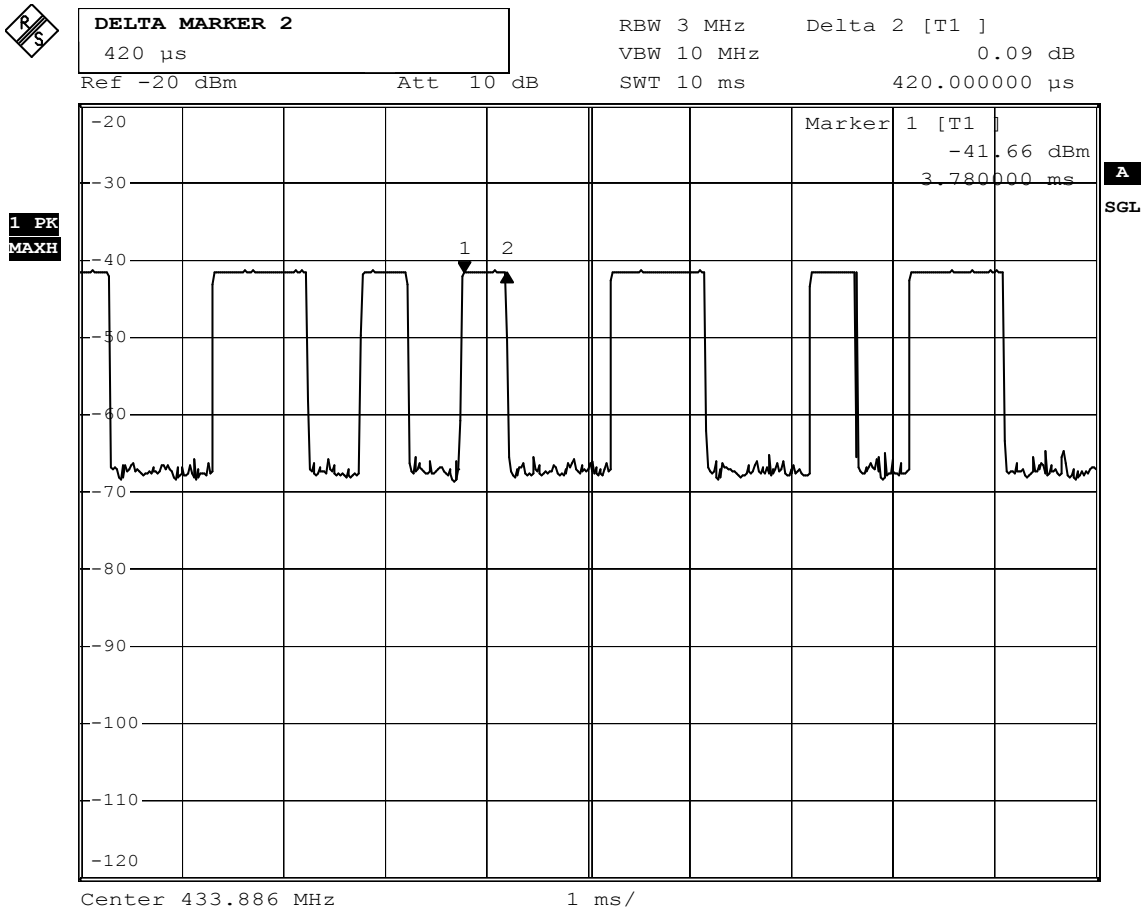
	Measured time (second(s))	Limit (second(s))
Duration of each transmission	0.373	≤ 1
Duration of silent period	43.08-0.373 =42.707	≥ 30 x 0.373 = 11.19, and ≥ 10 (shall be in any circumstances)



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



- The duration of long ‘on’ signal indicates 940us.



- The duration of short ‘on’ signal indicates 420us.

- Therefore, the total ‘on’ time of one successful period (0.94ms x 13) + (0.42ms x 26) = **23.14ms.**
- Average factor: 20 log (23.14/100)=12.71dB