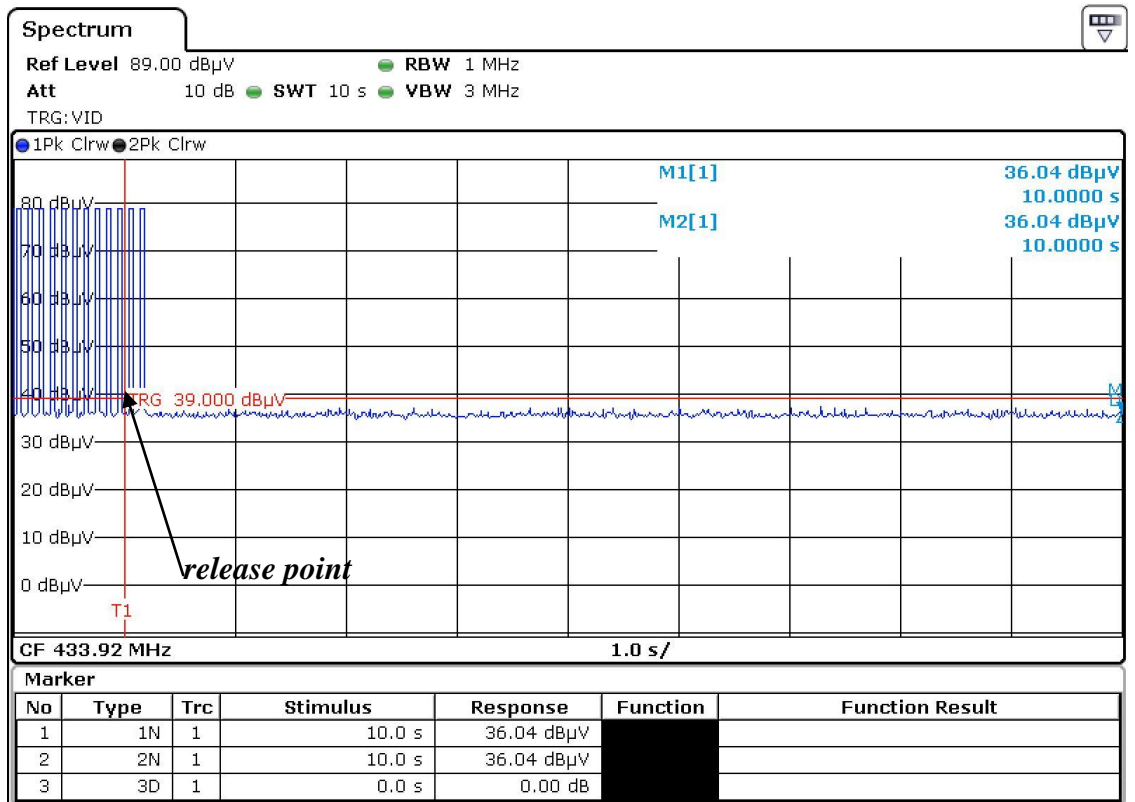


Annex no. 11

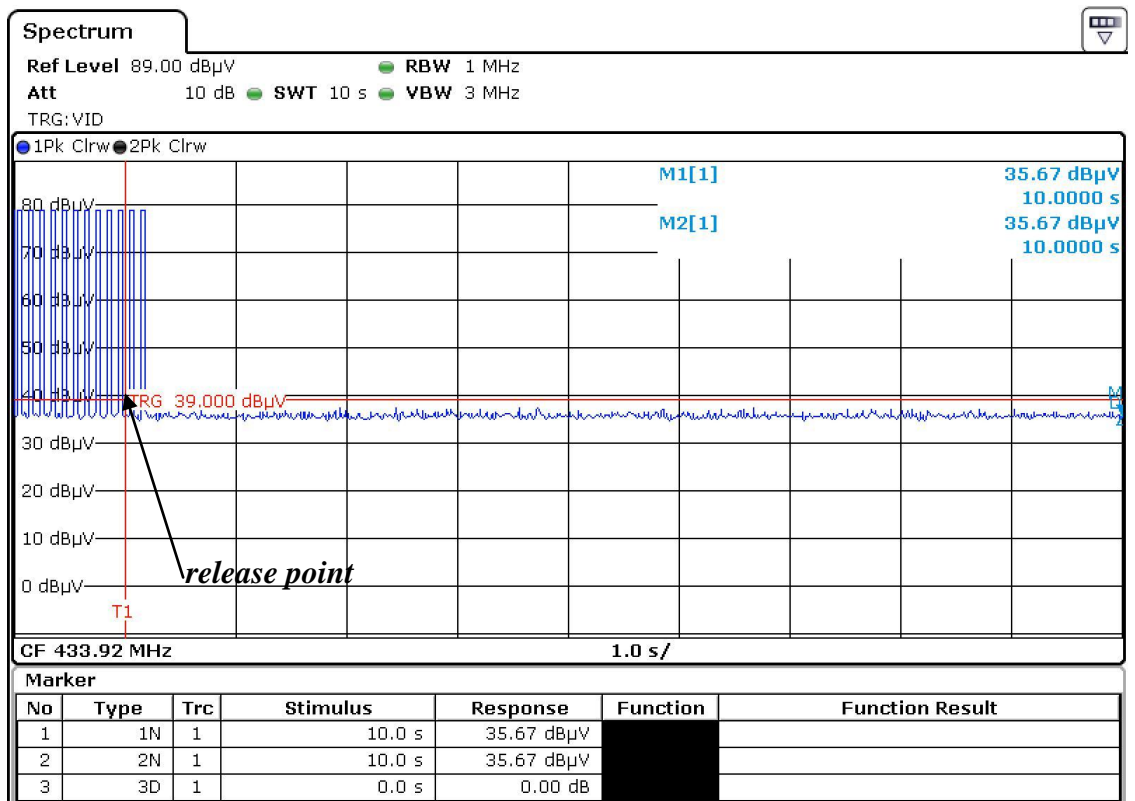
Transmission Time Operation Characteristics

A manually operated transmitter shall employ a switch that will automatically deactivate the transmitter within not more than 5 seconds of being released.

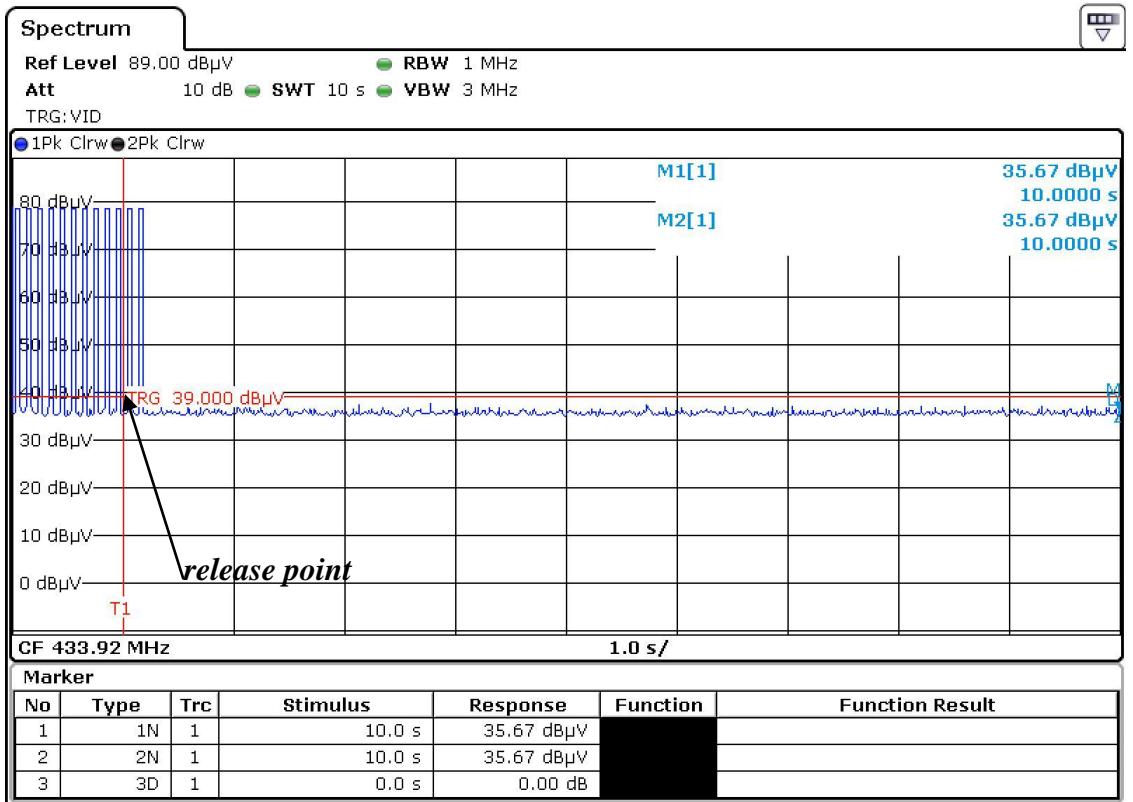
Open button



Close button

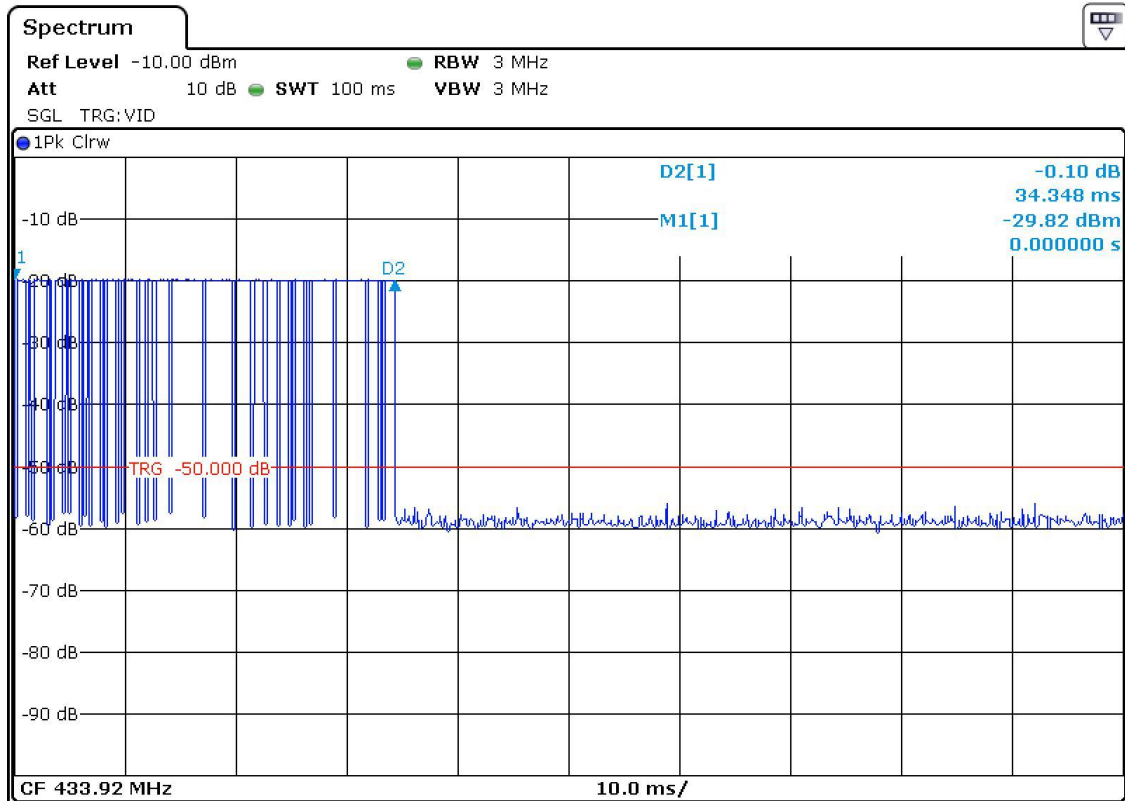
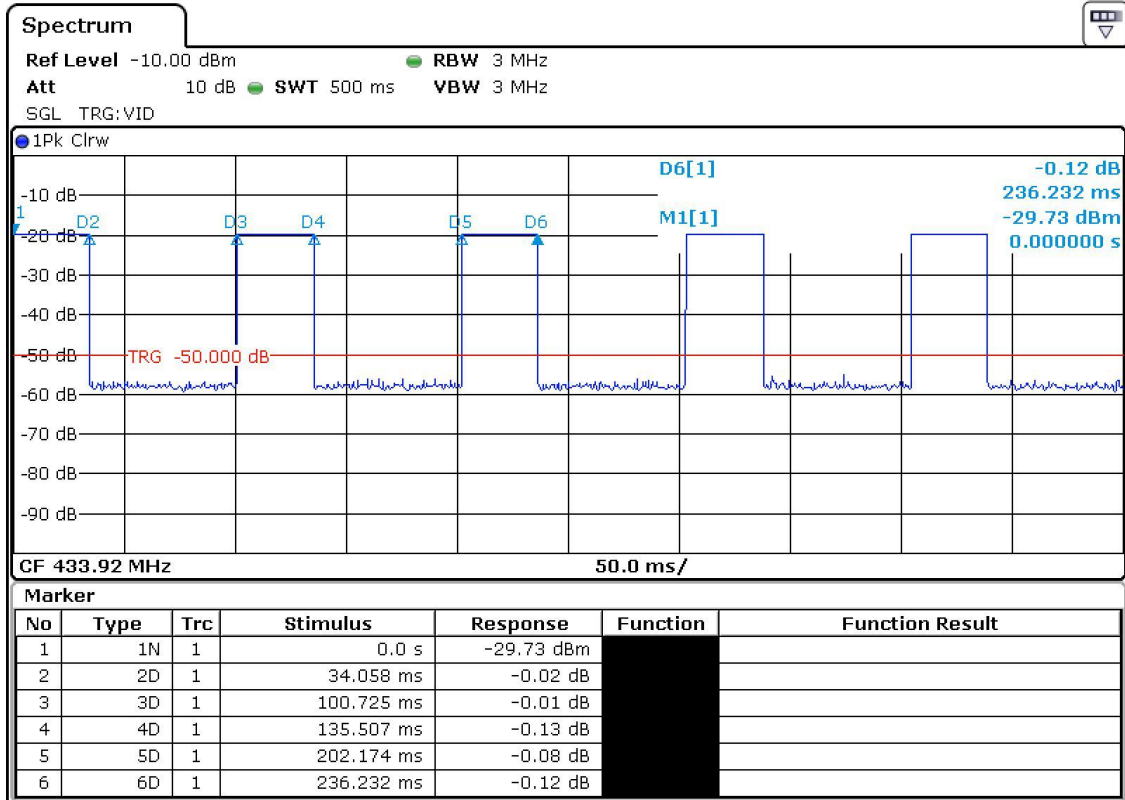


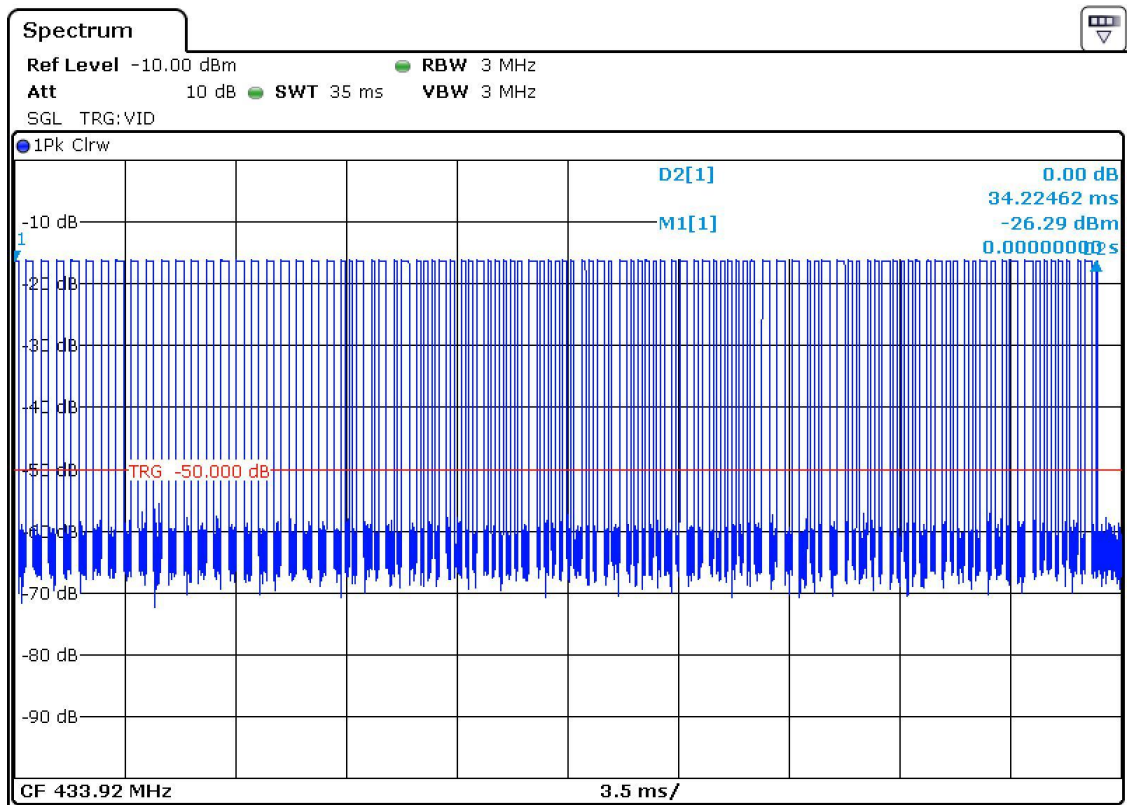
Trunk button



Transmission Time / Averaging correction factor

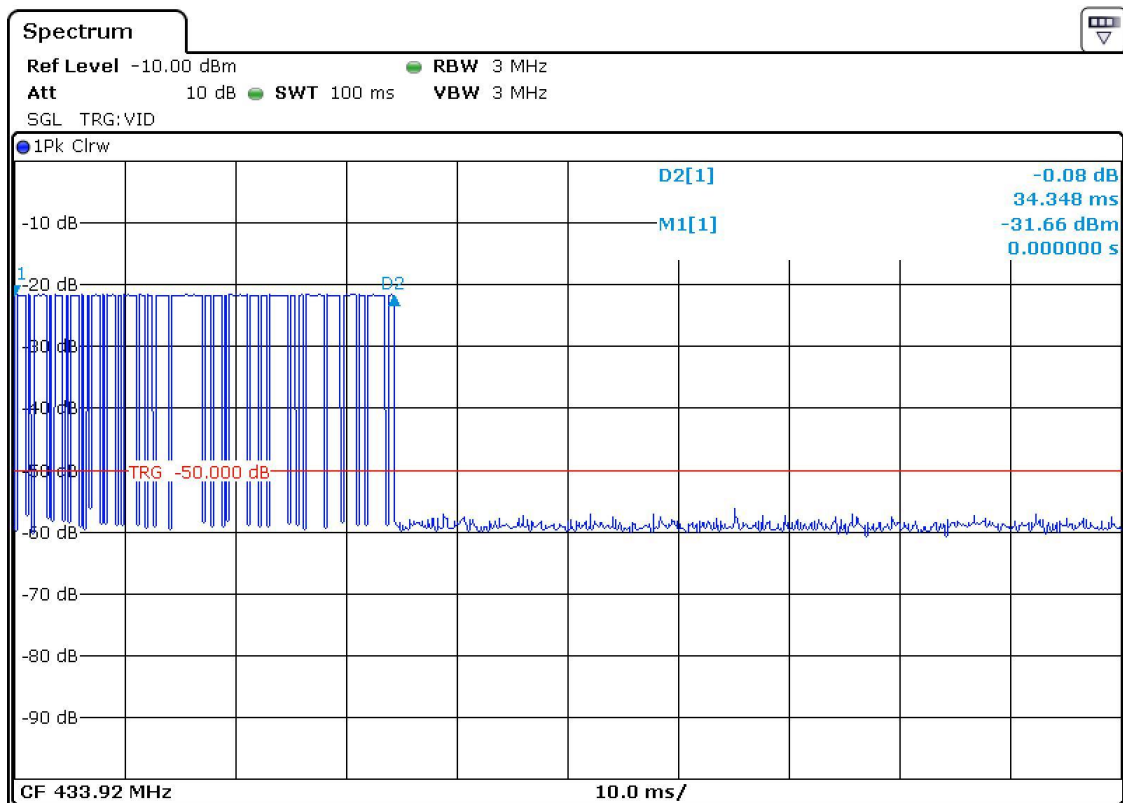
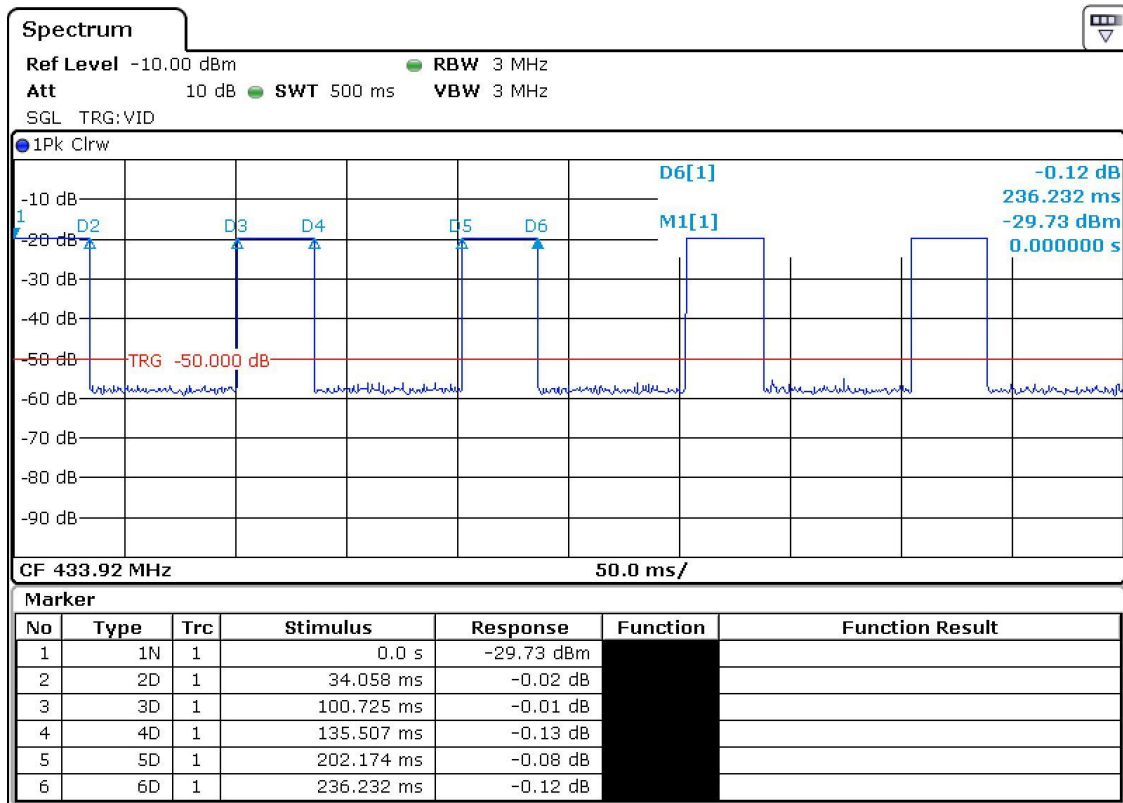
Open button

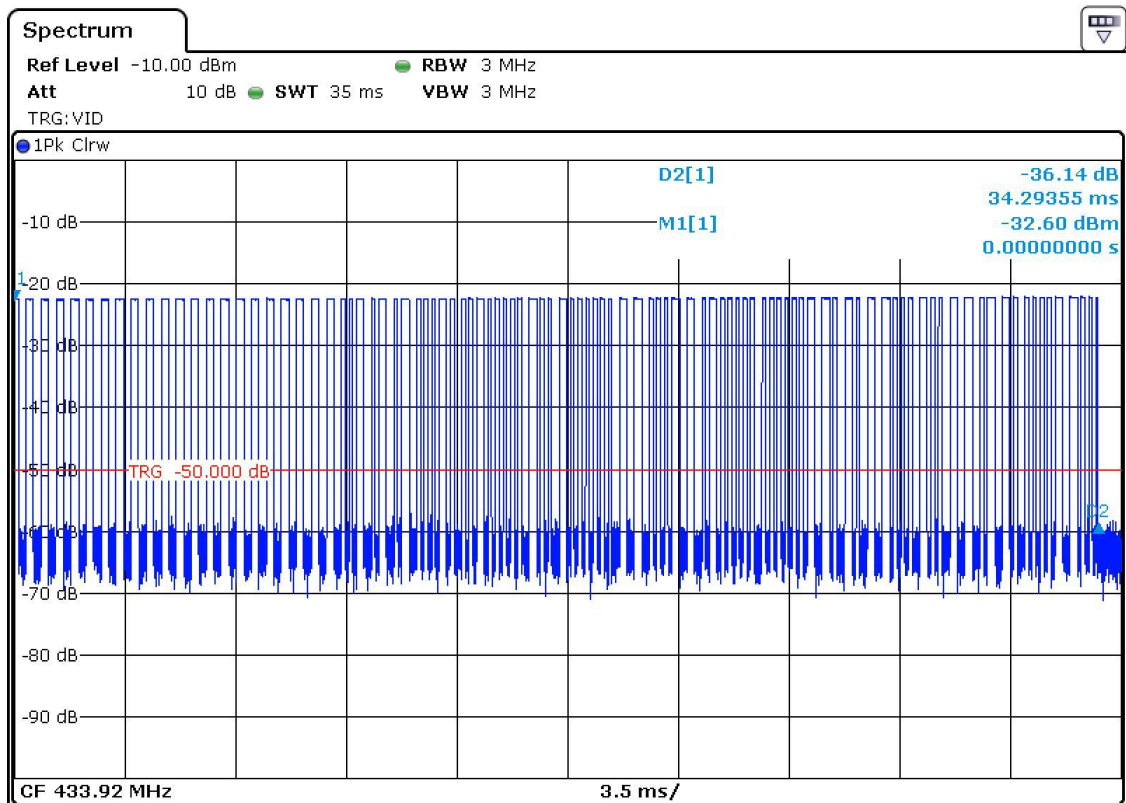




worst case transmission for the "open button" in any 100 ms time period during any pulse train = 34.2246 ms

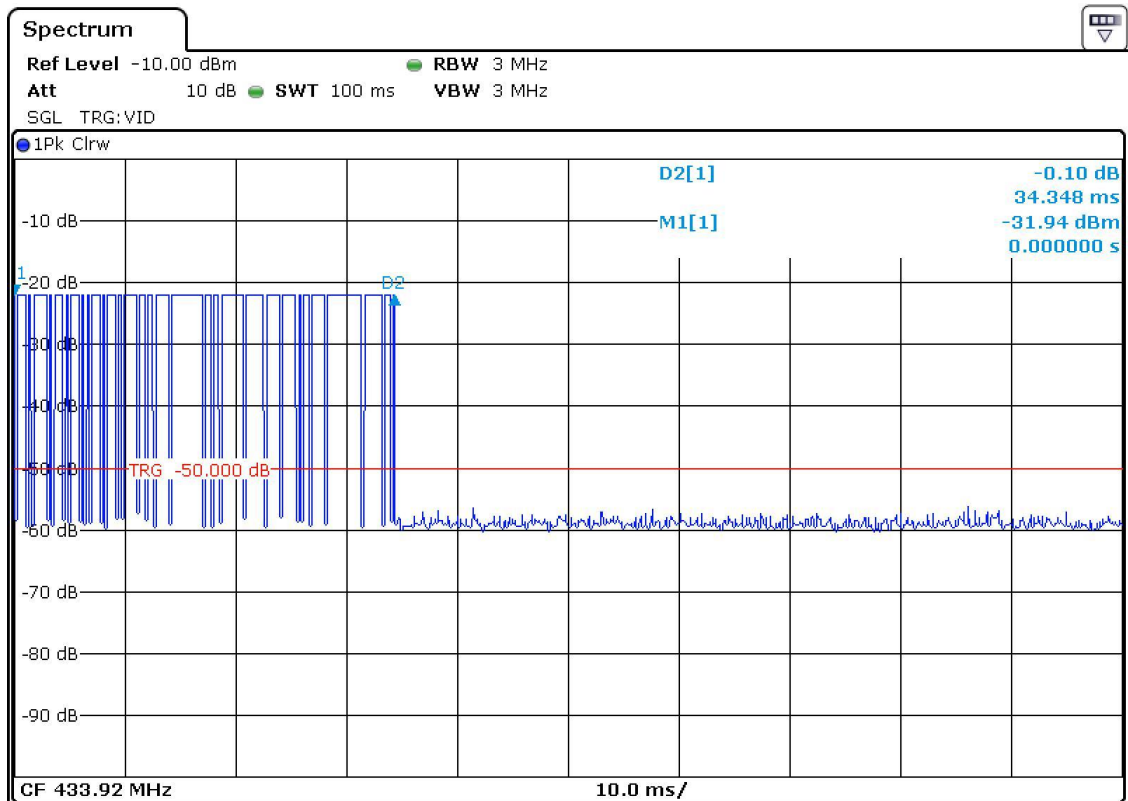
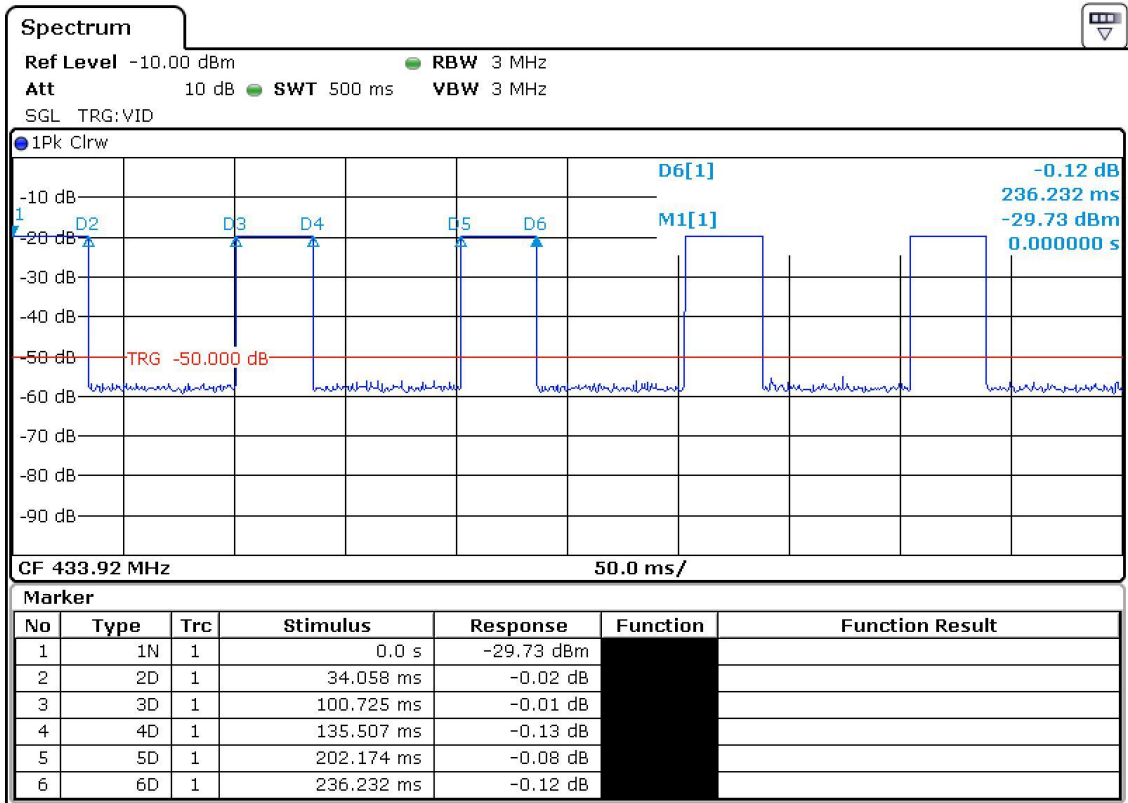
Close button

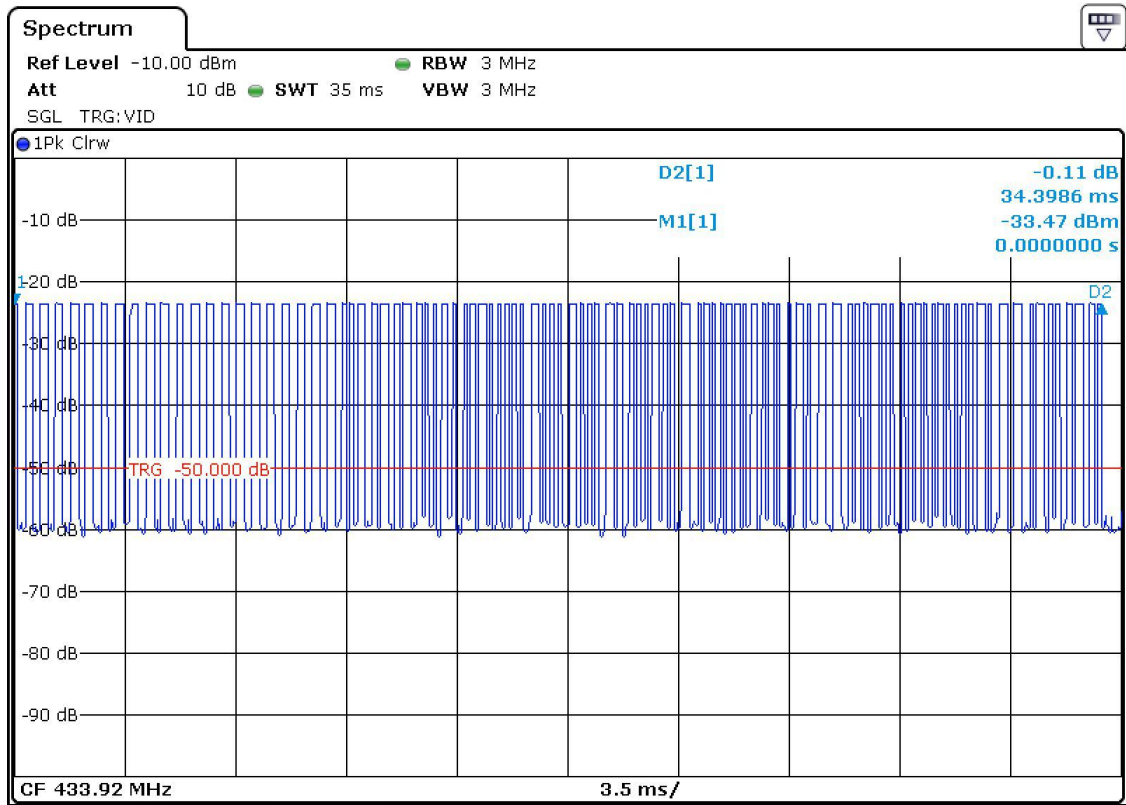




worst case transmission for the "open button" in any 100 ms time period during any pulse train = 34.2936 ms

Trunk button





worst case transmission for the "open button" in any 100 ms time period during any pulse train = 34.3986 ms

Calculating the averaging factor

The worst case transmission time is 34.3986 ms in a 100 ms time sweep.

The averaging factor was calculated by the following formula:

$$\begin{aligned}
 \text{averaging factor} &= 20 \cdot \lg (\text{TX}_{\text{ON}} / 100 \text{ ms}) \\
 &= 20 \cdot \lg (34.3986 / 100 \text{ ms}) \\
 &= -9.2 \text{ dB}
 \end{aligned}$$