

# [time-nuts] R&S SMA-100A problems

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Fri Mar 14 02:10:11 EDT 2008

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Murray,

I have no experience myself with the R&S SMA-100A generator but I have a good friend that is a R&S technical employee. I did not ask him concerning the expected backup battery life but according to him "re-awakening" the device after an exchange of the backup battery is surprisingly easy: Before switching the device on connect a USB keyboard to the generator's USB connector. Switch on and wait until the splash screen appears and stays. Press any button on the keyboard and the booting process should continue. Thats it!

According to my friend this behaviour is considered a "BIOS bug" by R&S that can be repaired by a BIOS update. This update should be possible through any R&S service point. It may even be possible that you can perform it yourself. SOME updates of R&S devices CAN be made by the customer, OTHERS MUST be made by R&S. If you are interested in such an update he is willing to find out whether this one IS an customer update. The update involves connecting an external cd rom drive to the USB port and putting in the "right" cd.

73's de Ulrich DF6JB

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> -----Ursprungliche Nachricht-----
> Von: time-nuts-bounces at febo.com
> [mailto:time-nuts-bounces at febo.com] Im Auftrag von Murray Greenman
> Gesendet: Donnerstag, 13. Marz 2008 02:32
> An: time-nuts at febo.com
> Betreff: [time-nuts] R&S SMA-100A problems
>
>
> Hi,
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>
> We have here a reasonably new Rohde & Swartz SMA-100A RF
> Generator - nice unit, but several times in the last year it
> has lost its memory through flattening its Lithium battery
> prematurely. On previous occasions it's gone back to the
> agents, but their response has been rather less than stunning.
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>
> As well as needing to replace the battery more often than
> we'd like, the big problem is that the generator forgets what
> it is supposed to do and will not boot into its operating
> program - it just shows the R&S splash screen.
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>
> Does anyone know (a) of any problems related to the backup
> battery life; and (b) how to force the unit to wake up when
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> we have replaced the battery?  
>  
>  
>  
> Thanks in advance,  
>  
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>  
> Murray ZL1BPU  
>  
>  
>  
>  
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