

Service Note		
Product	Description:	Service note no.
TC1280	Updating a TC1280 to obtain an max. output level of +22dBm	705 10 03 02

IMPORTANT:

Modification should only be carried out by skilled technicians.
This note concerns units with serial no. lower than 120581.

To comply with wishes from customers and users of TC1380 about higher gain levels within the units, we have changed some components on the TC1380's main-board. When changing these components in the TC1380 it will be possible to obtain an max. output level of +22dBm.

The following components have to be replaced (if you don't have these components you can order them from TC Electronic of Denmark as update kit part no. 705200211).

Change components:

Input section:

Resistor	From	To	Resistor	From	To
R102	10k5	5K11 1%	R122	10k5	5K11 1%
R105	10k5	5K11 1%	R125	10k5	5K11 1%

Output sections:

Cap	From	To	Resistor	From	To
C221	2n2	1n2 2%	R209	10K0	8K66 0.1%
C241	2n2	1n2 2%	R210	10K0	8K66 0.1%
			R211	10K0	8K66 0.1%
			R212	10K0	8K66 0.1%
			R224	10K0	8K66 0.1%
			R225	10K0	8K66 0.1%
			R228	10K0	8K66 0.1%
			R229	10K0	8K66 0.1%
			R244	10K0	8K66 0.1%
			R245	10K0	8K66 0.1%
			R248	10K0	8K66 0.1%
			R249	10K0	8K66 0.1%
Resistor	From	To			
R206	10K0	18K7 1%			
R223	10K0	18K7 1%			
R242	10K0	18K7 1%			
R222	3K01	5K62 1%			
R241	3K01	5K62 1%			

PPM section:

Resistor	From	To
R304	10K0	4K7 5%
R309	10K0	4K7 5%