

**Derating for TYT MD-380 / RETEVIS RT3 power level LOW approximately 100mW  
(for example, for operation with DV4mini stick)**

1. Go to the directory where the code plug-software is stored (for me: C:\Program Files(x86)\Tytera\MD\_380\SoftWare\_EN
2. there you find the File setting.ini, open the file, select the parameter to test mode = 1 change in line 3 (orig .: testMode = 0), if it was not going: put (copy) the setting.ini file on desktop, modify, copy it back!
3. Connect and turn on radio with programming cable
4. Start CP software, and then press Ctrl-T or Strg-T, a window should open maybe it looks like this:

Func Para/Freq	1	2	3	4	5	6	7	8	9
Rx Freq	401.03500	411.03500	421.03500	431.03500	441.03500	451.03500	461.03500	471.03500	479.99500
Tx Freq	401.04500	411.04500	421.04500	431.04500	441.04500	451.04500	461.04500	471.04500	479.95000
VOX 1					120				
VOX 10					220				
Rx Low Voltage					137				
Rx Full Voltage					173				
RSSI 1(-120dBm)					75				
RSSI 4(-70dBm)					130				
Analog Mic					123				
Digital Mic					127				
Freq Adjust(High)					98				
Freq Adjust(Mid)					112				
Freq Adjust(Low)					110				
Tx Hight Power	149	148	148	146	144	142	141	142	143
Tx Low Power	82	80	78	57	37	53	69	70	71
Rx Sensity	92	114	136	153	171	188	205	218	231
Open SQL 9	28	28	29	28	28	28	28	31	34
Close SQL 9	47	44	42	44	46	42	38	43	49
Open SQL 1	58	55	52	51	50	48	46	49	53
Close SQL 1	65	60	56	54	53	56	60	63	66
Max Volume	3	3	4	4	4	4	4	4	4
CTCSS(67Hz)	58	57	56	54	53	51	50	49	48
CTCSS(151.4Hz)	68	66	65	63	62	60	59	57	56
CTCSS(254.1Hz)	92	90	88	86	84	81	79	77	76
DCS Mod2	100	100	100	100	100	100	100	100	100
DCS Mod1	47	46	45	44	43	42	42	41	40

5. focus in this window to the vertical column 5
6. there you should looking for the value for TxLowPower (column 5) and a note the original value to possibly later restore to the original state.
7. Now halve this value and submit (in my case Value 74, now 37)
8. now restore the parameters to the device using the Write Button (IMPORTANT!)
9. Close the window by clicking Cancel, exit CPS and remove programming cable.

The radio should now make in position LOW Power about 100mW, the power at high power remains unaffected.  
**PLEASE DON'T Change any other parameters !!!, you could make the device unusable else!**

**This modification IS AT YOUR OWN RISK !!**