

70cm Ampli BLW34 + BLW34 + BLW98 ON1BTE 31/05/2009 :



UHF linear power transistor

BLW34

#### APPLICATION INFORMATION

$f_{\text{vision}}$ (MHz)	$V_{\text{CE}}$ (V)	$I_{\text{C}}$ (mA)	$T_{\text{h}}$ (°C)	$d_{\text{im}}$ (dB) <sup>(1)</sup>	$P_{\text{O sync}}$ (W) <sup>(1)</sup>	$G_{\text{p}}$ (dB)
860	25	600	70	-60	> 1,8	> 9
860	25	600	70	-60	typ. 1,9	typ. 10,2
860	25	600	25	-60	typ. 2,15	typ. 10,2

UHF linear power transistor

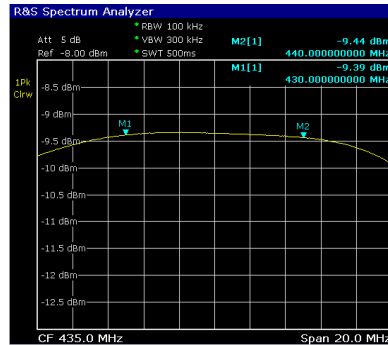
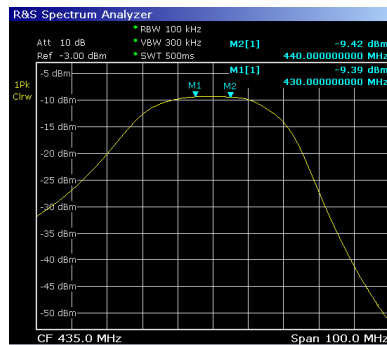
BLW98

#### APPLICATION INFORMATION

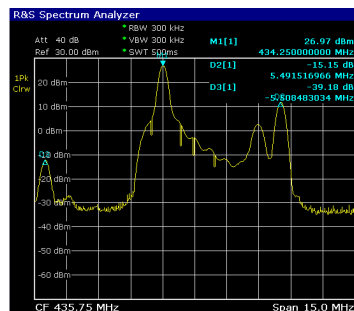
R.F. performance in u.h.f. class-A operation (linear power amplifier)

$f_{\text{vision}}$ (MHz)	$V_{\text{CE}}$ (V)	$I_{\text{C}}$ (mA)	$T_{\text{h}}$ (°C)	$d_{\text{im}}$ (dB) <sup>(1)</sup>	$P_{\text{O sync}}$ (W) <sup>(1)</sup>	$G_{\text{p}}$ (dB)
860	25	850	70	-60	> 3,5	> 6,5
860	25	850	70	-60	typ. 3,8	typ. 7,0
860	25	850	25	-60	typ. 4,4	typ. 7,0

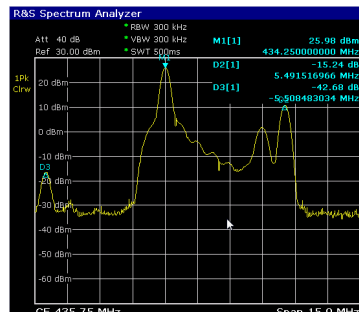
Doorlaatband (Gain max 40.5dB) :



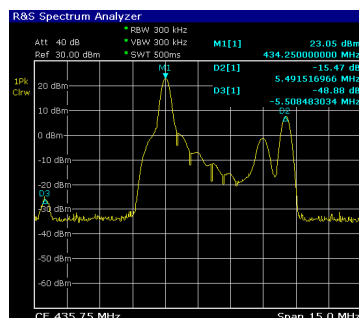
Output bij 5W (10db demping ingang spectrum analyser)



Output bij 4W (10db demping ingang spectrum analyser)



Output bij 2W (10db demping ingang spectrum analyser)



Output bij 1W (10db demping ingang spectrum analyser)

