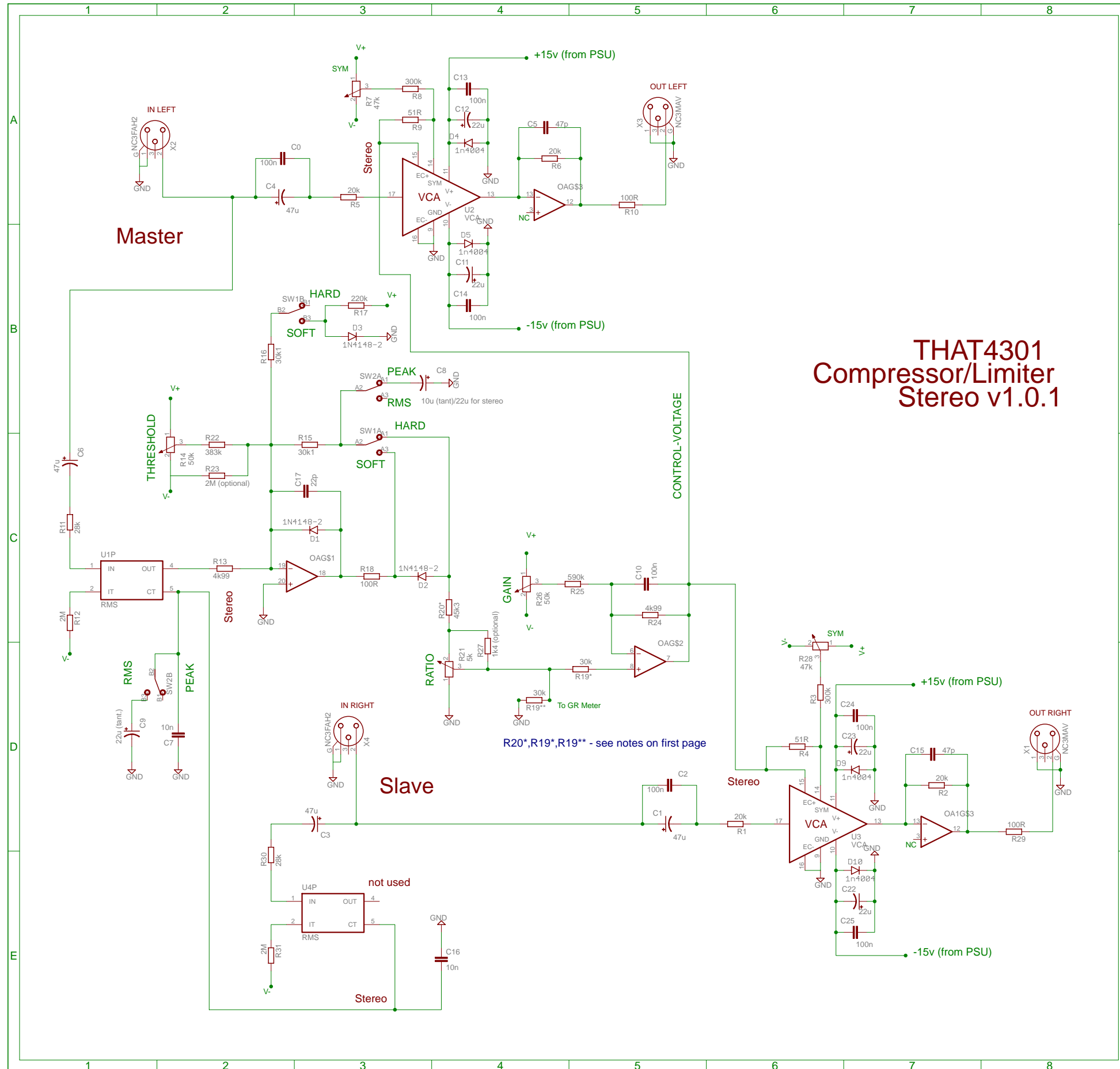


Notes:

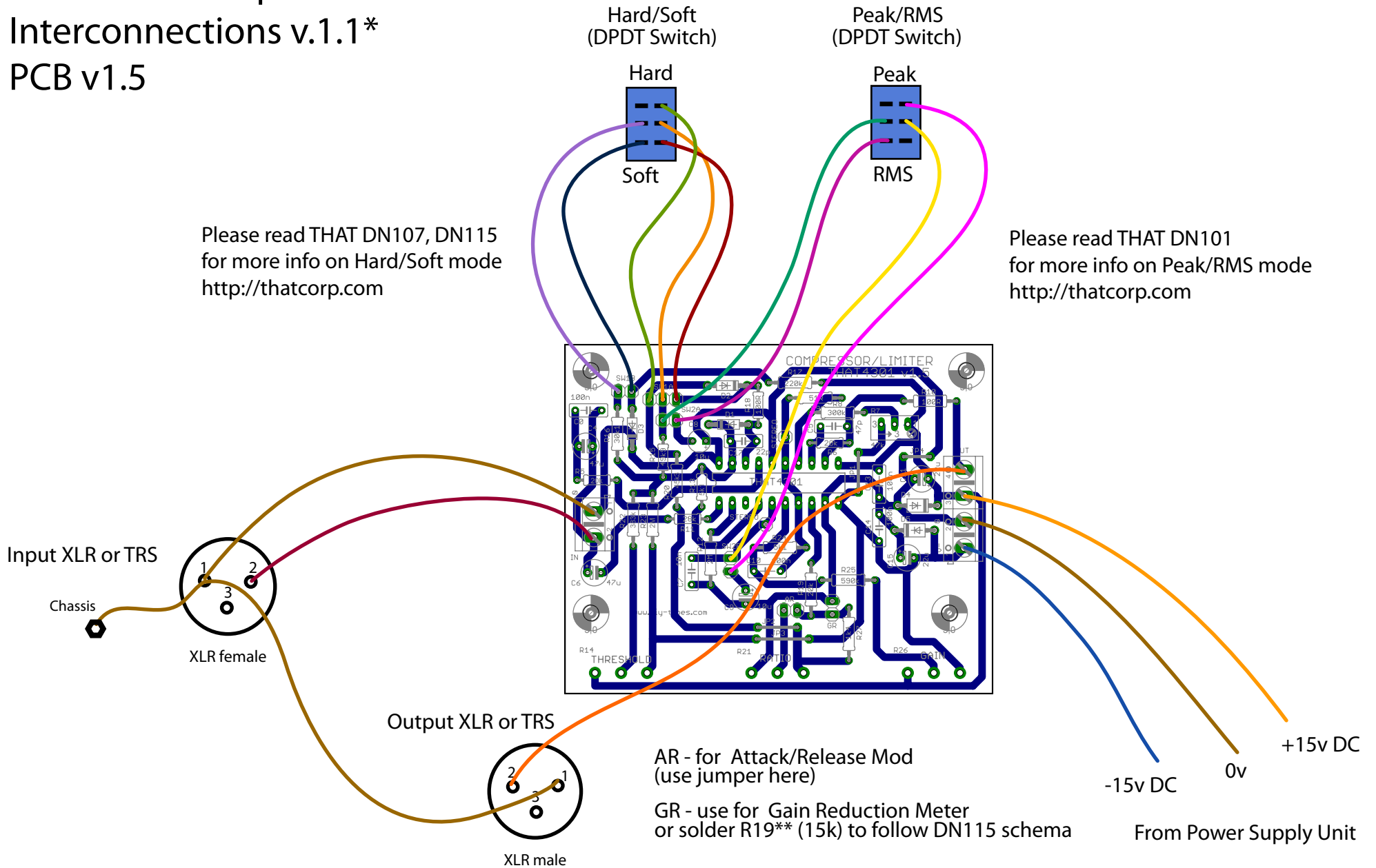
1. R20 - used for "Pico" mod (R19* not used)
2. Solder R19* (30k) and R19** (15k) resistor to GR pins on the board to match schema described in THAT DN115



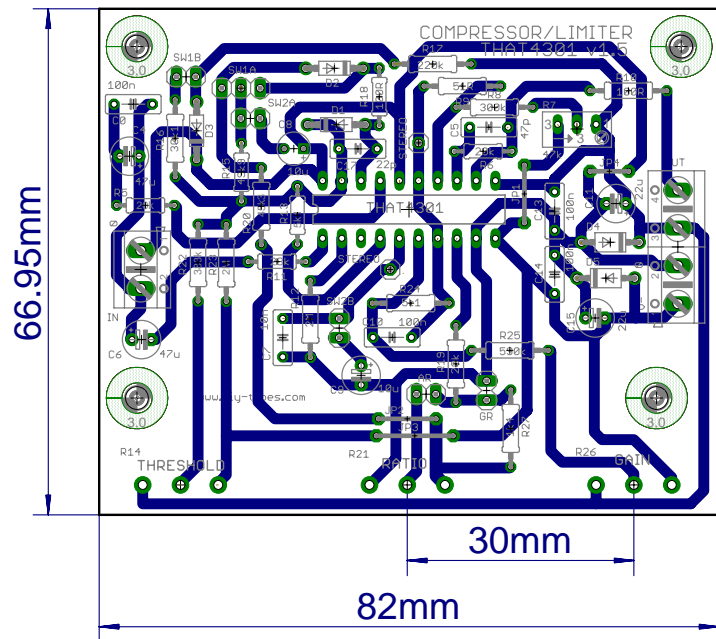
THAT4301 Compressor/Limiter Interconnections v.1.1* PCB v1.5

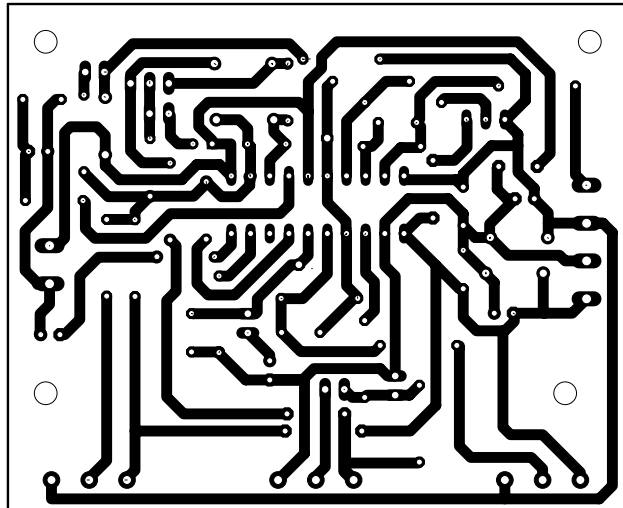
Please read THAT DN107, DN115
for more info on Hard/Soft mode
<http://thatcorp.com>

Please read THAT DN101
for more info on Peak/RMS mode
<http://thatcorp.com>



*Hard/Soft interconnection fixed





THAT 4301 Compressor v 1.5

| No | Part | Value | Comment |
|-----------|-------------|---------------------------|----------------|
| 1 | C0 | 100n | film |
| 2 | C1 | 47p | ceramic |
| 3 | C2 | 47p | ceramic |
| 4 | C3 | 22p | ceramic |
| 5 | C4 | 47u | el |
| 6 | C5 | 47p | ceramic |
| 7 | C6 | 47u | el |
| 8 | C7 | 10n | film |
| 9 | C8 | 10u (tant)/22u for stereo | tant |
| 10 | C9 | 10u (tant.) | tant |
| 11 | C10 | 100n | film |
| 12 | C11 | 22u | el |
| 13 | C12 | 22u | el |
| 14 | C13 | 100n | ceramic |
| 15 | C14 | 100n | ceramic |
| 16 | C17 | 22p | ceramic |
| 17 | D1 | 1N4148-2 | |
| 18 | D2 | 1N4148-2 | |
| 19 | D3 | 1N4148-2 | |
| 20 | D4 | 1n4004 | |
| 21 | D5 | 1n4004 | |
| 22 | NE5534 | OAR | |
| 24 | R1 | 10k | ne5534 |
| 25 | R2 | 10k | ne5534 |
| 26 | R3 | 10k | ne5534 |
| 27 | R4 | 10k | ne5534 |
| 28 | R5 | 20k | mf |
| 29 | R6 | 20k | mf |
| 30 | R7 | 47k | TRIM symetry |
| 31 | R8 | 300k | mf |
| 32 | R9 | 51R | mf |
| 33 | R10 | 100R | mf |
| 34 | R11 | 28k | mf |
| 35 | R12 | 2M | mf |
| 36 | R13 | 4k99 | mf (5k1) |
| 37 | R14 | 50k | Threshold B50k |
| 38 | R15 | 49k9 | mf (50k) |
| 39 | R16 | 30k1 | mf (30k) |
| 40 | R17 | 220k | mf |
| 41 | R18 | 100R | mf |
| 42 | R19 | 10k | mf |
| 43 | R20 | 45k3 | mf |
| 44 | R21 | 5k | Ratio pot B5k |
| 45 | R22 | 383k | mf |
| 46 | R23 | 2M (optional) | |
| 47 | R24 | 4k99 | |
| 48 | R25 | 590k | |
| 49 | R26 | 50k | Gain B50k |
| 50 | R27 | 1k4 (optional) | |
| 51 | SW1 | DPDT | |
| 52 | SW2 | DPDT | |
| 54 | U2 | VCA | THAT4301 |
| 55 | X2 | NC3FAV2-0 | In |
| 56 | X3 | NC3MAV | Out |