

#### D 模式参数调整(8823v30)

| 参数名    | 参数描述                                                                              | 默认值 |
|--------|-----------------------------------------------------------------------------------|-----|
| OSD 位置 | OSD 的起始位置                                                                         | 00  |
| OPT 选项 | OPTION, 详细说明附后                                                                    | 27  |
| RCUT   | R CUT OFF 红截止                                                                     | 20  |
| GCUT   | G CUT OFF 绿截止                                                                     | 20  |
| BCUT   | B CUT OFF 兰截止                                                                     | 20  |
| GDRV   | G DRIVE 绿驱动                                                                       | 40  |
| BDRV   | B DRIVE 兰驱动                                                                       | 40  |
| CNTX   | SUB CONTRAST MAX 副对比度最大值                                                          | 7F  |
| BRTC   | SUB BRIGHT CENTER 副亮度中间值                                                          | 50  |
| COLC   | SUB COLOR CENTER FOR NTSC 副彩色中间值 (NTSC)                                           | 40  |
| TNTC   | SUB TINT CENTER 副色调中间值                                                            | 40  |
| COLP   | SUB COLOR CENTER FOR PAL 副色度中间值 (PAL)                                             | 20  |
| COLS   | SUB COLOR CENTER FOR SECAM 副色度中间值 (SECAM)                                         | 40  |
| SCOL   | Cr input(#21) gain<br>up,000~111:0dB;1.1dB;1.9dB;2.5dB;3.0dB;3.3dB;3.6dB;3.9dB    | 07  |
| SCNT   | Y-SUB CONTRAST Y 信号副对比度                                                           | 0E  |
| CNTC   | SUB CONTRASRT CENTER 副对比度中间值                                                      | 50  |
| CNTN   | SUB CONTRASRT MINIMUM 副对比度最小值                                                     | 01  |
| BRTX   | SUB BRIGHT MAX 副亮度最大值                                                             | 35  |
| BRTN   | SUB BRIGHT MINIMUM 副亮度最小值                                                         | 35  |
| COLX   | SUB COLOR MAX 副色度最大值                                                              | 7F  |
| COLN   | SUB COLOR MINIMUM 副色度最小值                                                          | 00  |
| TNTX   | SUB TINT MAX 副色调最大值                                                               | 40  |
| TNTN   | SUB TINT MINIMUM 副色调最小值                                                           | 40  |
| ST3    | SUB SHARP CENTER NTSC3.58 IN TV 副画质中间值 (NTSC3.58 IN TV)                           | 25  |
| SV3    | SUB SHARP CENTER NTSC3.58 IN VIDEO 副画质中间值 (NTSC3.58 IN VIDEO)                     | 25  |
| ST4    | SUB SHARP CENTER OTHER COLOR SYSTEM IN TV 副画质中间值 (OTHER COLOR SYSTEM IN TV)       | 25  |
| SV4    | SUB SHARP CENTER OTHER COLOR SYSTEM IN VIDEO 副画质中间值 (OTHER COLOR SYSTEM IN VIDEO) | 25  |
| SVD    | SUB SHARP CENTER IN DVD                                                           | 26  |
| ASSH   | ASYMMETRY - SHARPNESS 不对称                                                         | 07  |
| SHPX   | SUB SHARPNESS MAX POINTS FROM CENTER VALUE 副画质最大值                                 | 38  |
| SHPN   | SUB SHARPNESS MIN POINTS FROM CENTER VALUE 副画质最小值                                 | 15  |
| TXCX   | RGB CONTRAST DATA AT MAX DATA OF USER CONTRAST OSD 对比度的最大值                        | 1F  |
| RGCN   | RGB CONTRAST DATA AT MIN DATA OF USER CONTRAST OSD 对比度的最小值                        | 1F  |
| ABL    | ABL, 详细说明附后                                                                       | 37  |
| DCBS   | DCBS, 详细说明附后                                                                      | 33  |
| CLTO   | The data when TV mode & SOUND SYS != M 详细说明附后                                     | 0B  |
| CLTM   | The data when TV mode & SOUND SYS = M 详细说明附后                                      | 4B  |
| CLVO   | The data when YVU mode & SOUND SYS != M 详细说明附后                                    | 4B  |
| CLVD   | The data when YVU mode & SOUND SYS = M 详细说明附后                                     | 4B  |

|       |                                                                                                                        |    |
|-------|------------------------------------------------------------------------------------------------------------------------|----|
| DEF   | 0:V AGC reference,depends on YC Vcc;1:Depends on integrated regulator                                                  | 01 |
| AKB   | 00:AKB off;01:ACB(cutoff:align to targets);10:ADB(drive:align to targets);11:AKB(cutoff/drive:align to targets)        | 00 |
| SECD  | Secam mode                                                                                                             | 18 |
| HPOS  | 50HZ HORIZONTAL PHASE 50HZ 水平相位 (行中心)                                                                                  | 11 |
| VP50  | 50 HZ VERTICAL PHASE 50HZ 场中心                                                                                          | 03 |
| HIT   | 50HZ VERTICAL AMPLITUDE 50HZ 场幅度                                                                                       | 20 |
| HPS   | SHIFT DAT OF 50/60HZ HORIZONTAL PHASE 行中心偏移量                                                                           | 04 |
| VP60  | 60HZ VERTICAL PHASE 60HZ 场中心                                                                                           | 01 |
| HITS  | SHIFT DATA OF 50/60 HZ HORIZONTAL PHASE 场中心偏移量                                                                         | 02 |
| VLIN  | V-LINEARITY 场线性 50Hz                                                                                                   | 08 |
| VSC   | V-S CORRECTION 场 S 50Hz                                                                                                | 60 |
| VLIS  | V-LINEARITY 场线性 60Hz                                                                                                   | FF |
| VSS   | V-S CORRECTION 场 S 60Hz                                                                                                |    |
| SBY   | SECAM B-Y                                                                                                              | 08 |
| SRY   | SECAM R-Y                                                                                                              | 08 |
| BRTS  | SUB BRIGHT                                                                                                             | 00 |
| AGC   | RF AGC ADJUSTMENT RF AGC 调整                                                                                            | 30 |
| HAFC  | 1/2 AFC DATA ADJUSTMENT AFC 调整                                                                                         | 09 |
| V25   | VOLUME OUTPUT DATA AT 25%                                                                                              | 3D |
| V50   | VOLUME OUTPUT DATA AT 50%                                                                                              | 57 |
| V100  | VOLUME 100                                                                                                             | 7F |
| MUTT  | Y-MUTE FOR SOFT START                                                                                                  | 00 |
| STAT  | CONTRAST UP FOR SOFT START                                                                                             | 00 |
| FLG0  | Flag0                                                                                                                  | 52 |
| FLG1  | Flag1                                                                                                                  | 24 |
| REFP  | AKB Ref Pulse Position                                                                                                 | 00 |
| RSNS  | R SENS                                                                                                                 | 00 |
| GSNS  | G SENS                                                                                                                 | 00 |
| BSNS  | B SENS                                                                                                                 | 00 |
| MOD   | 00:akb<br>SENSITIVITY,*9.75;01:*10.00;10:*10.25;11:*10.50;<br>CUTOFF range:-0.65~+0.65;1:-0.65~+0.85<br>CUTOFF MOD.3:0 | 40 |
| STBY  | Bit0,1:IF Standby; Bit2,3: VCD Standby                                                                                 | 00 |
| SVM   | PIC1 SVM                                                                                                               | 60 |
| VLBK  | V BLANKING START AND STOP POINT                                                                                        | 00 |
| VCEN  | V CENTERING                                                                                                            | 27 |
| HSIZ  | PICTURE WIDTH                                                                                                          | 20 |
| PRBR  | E-W PARABOLA                                                                                                           | 20 |
| TRUM  | TRAPEZIUM                                                                                                              | 10 |
| ECCT  | EW-CORNER CORRECTION(TOP)                                                                                              | 00 |
| ECCB  | EW-CORNER CORRECTION(BOTTOM)                                                                                           | 00 |
| EHT   | 高压下尺寸的调整                                                                                                               | 24 |
| UCOM  | 00:GND;01:R OUTPUT;10:B OUTPUT;11:MONITOR RF AGC VIA ADC                                                               | 00 |
| PYNX  | Normal H.SYNC max                                                                                                      | 2E |
| PYNN  | Normal H.SYNC min                                                                                                      | 18 |
| PYXS  | Search H.SYNC max                                                                                                      | 22 |
| PYNS  | Search H.SYNC min                                                                                                      | 1E |
| RCUTS | RCUTS                                                                                                                  | 10 |
| GCUTS | GCUTS                                                                                                                  | 00 |
| BCUTS | GDRVS                                                                                                                  | 10 |
| GDRVS | GDRVS                                                                                                                  | 00 |

|            |          |    |
|------------|----------|----|
| BDRVS      | BDRVS    | 00 |
| NOIS       | 信号强弱界限设定 | 01 |
| AKB_OPTION | 不起作用     | 00 |
| AV_OPT     | 详情附后     | 04 |
| OPT2       | 详情附后     | 1B |
| WAIT TIME  | 开机等待时间   | 38 |
| CUR_CEN    | 拉幕位置     | A0 |
| CUR_STEP   | 拉幕速度     | 01 |
| AUSTP      |          | 0A |
| MODE0      | 详情附后     |    |
| MODE1      | 详情附后     |    |
| OSDF       | OSD 频率   | 58 |

#### OPT:

| BIT | FUNCTION                               |
|-----|----------------------------------------|
| 0   | Use Energy Flag 1:have energy          |
| 1   | Real Time Clock 1:have real time clock |
| 2   | V_Mute ON/OFF when C H changes(=1:ON)  |
| 3   | AUDIO GAIN SW of tb1240                |
| 4   | Not VT Down of AFT when No Signal(=1)  |
| 5   | TINT 0:use 1:unused                    |
| 6   | Select TV sync(0) or MONITOR sync(1)   |
| 7   | Mute of av switch key 1.use 0.no use   |

#### ABL:

| BIT | FUNCTION                                            |
|-----|-----------------------------------------------------|
| 0   | ABL-Gain 00:-0.2;01:-0.4;10:-0.6;11:-0.8v           |
| 1   |                                                     |
| 2   | ABL Start Point 00:-0.0;01:-0.15;10:-0.3;11:-0.45v  |
| 3   |                                                     |
| 4   | WPS 0:Y peak limiter off 1:Y peak limiter on,105IRE |
| 5   | RGB ABCL 0:ABCL active for OSD 0:inactive           |
| 6   | 1: 计时收看清到 20H; 0: 计时收看清到 0H                         |
| 7   | 1: 用户可按 SLEEP 键清除收看计时; 0: 不可                        |

#### DCBS?

| BIT | FUNCTION                                                                  |
|-----|---------------------------------------------------------------------------|
| 0   | BLACK STRETCH 黑电平延伸                                                       |
| 1   | 00: Off; 01: Black stretch point,26IRE; 10 : 33 IRE; 11 : 43 IRE          |
| 2   | Y GAMMA                                                                   |
| 3   | 00: Off; 01: Y $\gamma$ point 90 IRE,Gain -3dB; 10 : 82 IRE ; 11 : 75 IRE |
| 4   | OSD CONTRAST                                                              |
| 5   | 00:80 IRE 01:70;02:60;03:50;                                              |
| 6   | UNUSE                                                                     |
| 7   | BLK                                                                       |

#### CLTO\CLTM\CLVO\CLVD

| BIT | FUNCTION                                                                           |
|-----|------------------------------------------------------------------------------------|
| 0   | Y Delay Time                                                                       |
| 1   | 000:-40 nsec;001:0;010:40 nsec;011:80 nsec;100:120 nsec;101:160 nsec;110:200 nsec; |
| 2   | 111:240 nsec                                                                       |
| 3   | N Phase                                                                            |
| 4   | 00:USA(105 degree);01:Japan(93 degree);10:11:DVD                                   |
| 5   | Color Y 0:Color gamma off ;1:On;                                                   |
| 6   | PN-ID Sens 0:PAL/NTSC killer sensitivity,1mVpp; 1:10mVpp                           |

|   |                                                        |
|---|--------------------------------------------------------|
| 7 | FID 0:Normal;1:Alwas killer off,i.e. always color on.. |
|---|--------------------------------------------------------|

FLG0:

| BIT | FUNCTION                                                    |
|-----|-------------------------------------------------------------|
| 0   | 0:NORMAL;1:PIF over modulation switch on                    |
| 1   | 0:BPF;1:TOF                                                 |
| 2   | 0:Nyquist Buzz cancel,on;2:off                              |
| 3   | Q det Gain                                                  |
| 4   | L SECAM Mode                                                |
| 5   | SIF FIX Select 0:fix to normal, 1:control with sound system |
| 6   | SIF 5.74 Select In D mode, aply this bit to SIF 574         |
| 7   | vco readjust when position select 0:disable;1:enable;       |

FLG1:

| BIT | FUNCTION                                                    |
|-----|-------------------------------------------------------------|
| 0   | CW SW                                                       |
| 1   | YOUT ON                                                     |
| 2   | HD input polarity select                                    |
| 3   | 0:SIF beat down frequency,1MHz;1:+62.5kHz shift             |
| 4   | 0:Sync separation level,40%;1:36%                           |
| 5   | 0:SIF 1MHz convert gain,Low gain;1:High gain for Evaluation |
| 6   | DET358 for Evaluation                                       |
| 7   | C TRAP PASS for Evaluation                                  |

SVM:

| BIT | FUNCTION                                                                   |
|-----|----------------------------------------------------------------------------|
| 0   | SVM gain                                                                   |
| 1   | 00:-6dB;01:0dB;10:+6dB;11:+12dB                                            |
| 2   | SVM DL(svm delay)                                                          |
| 3   | 00:off;01:-100ns;10:-60ns;11:-40ns                                         |
| 4   | CO MAX<br>0:cut off range is -0.65~+0.65 ; 1: cut off range is -0.65~+0.85 |
| 5   | 1: 有计时收看功能; 0: no the total time of watch TV                               |
| 6   | 1: 有软换台功能; 0: no the soft change channel                                   |
| 7   | UNUSE                                                                      |

VBLK

| BIT | FUNCTION                               |
|-----|----------------------------------------|
| 0   | 00:23H;01:33H;10:37H;11:41H (50Hz)     |
| 1   | 00:22H;01:30H;10:34H;11:38H (60Hz)     |
| 2   | 00:310H;01:299H;10:295H;11:291H (50Hz) |
| 3   | 00:263H;01:254H;10:250H;11:246H (60Hz) |
| 4   |                                        |
| 5   |                                        |

MODE0:

| BIT | FUNCTION                                                      |
|-----|---------------------------------------------------------------|
| 0   | 1: 218 频道; 0: 100 频道                                          |
| 1   | 1: 50hz/60hz (M 制); 0: 两路 AV (无 M 制时, 几路 AV 用 AV option 来控制 ) |
| 2   | 0: 有 SECAM 制; 1: 无                                            |
| 3   | 1: RGB Out-Cut Off DC; 0: Y-MUTE                              |
| 4   | 1: 有些屏显一直显示; 0: 有些屏显有时显示                                      |
| 5   | UNUSE                                                         |
| 6   | SHOP OUT                                                      |
| 7   | 00: DK; 01: I; 10: BG                                         |

### MODE1:

| BIT | FUNCTION                                                                                                      |
|-----|---------------------------------------------------------------------------------------------------------------|
| 0   | 0:无 BG;1:有                                                                                                    |
| 1   | 0:无 I;1:有                                                                                                     |
| 2   | 0:无 DK;1:有                                                                                                    |
| 3   | 0:无 M;1:有                                                                                                     |
| 4   | 0:when asm & search,set up VCO adjust req. ,1:only power on<br>0:PIF VCO adjust trigger 1: normal (12 :bit 7) |
| 5   | The algorithm of ASM. 0:ASM doesn't judge IFLOCK with case 4. 1:ASM judge IF LOCK with case 4                 |
| 6   | The algorithm of ASM. 0:ASM doesn't judge Fhsync with case 4. 1:ASM judge Fhsync with case 4                  |
| 7   | TINT polarity ,input to V/C/D. 0:normal 1:invert                                                              |

### AV\_OPT:

| Byte | FUNCTION      |         |        |
|------|---------------|---------|--------|
|      | Video1        | Video2  | Video3 |
| 0    | VIDEO         | DVD     |        |
| 1    | VIDEO         | S-VIDEO | DVD    |
| 2    | VIDEO         | DVD     | VIDEO  |
| 3    | VIDEO         | S-VIDEO | DVD    |
| 4    | VIDEO/S-VIDEO | DVD     |        |
| 5    | VIDEO/S-VIDEO | VIDEO   | DVD    |
| 6    | VIDEO         | DVD     | VIDEO  |
| 7    | VIDEO         | VIDEO   | DVD    |

### OPT2:

| BIT | FUNCTION                                                   |
|-----|------------------------------------------------------------|
| 0   | lunar calendar 1:have lunar calendar ; 0:no lunar calendar |
| 1   | 1:调整时间时不能在电视机上显示 0: 调整时间时可以在电视机上显示                         |
| 2   | 1: 只有英文 0: 有中文                                             |
| 3   | AV 是否静噪; 1: 静噪; 0: 不                                       |
| 4   | 有无背景灯; 1: 有; 0: 无                                          |
| 5   | No use                                                     |
| 6   | No use                                                     |
| 7   | No use 一直设置为 0 即可。                                         |

### MOD:

| BIT | FUNCTION                                       |
|-----|------------------------------------------------|
| 0   | akb 00: *9.75;01:*10.00;10:*10.25;11:*10.50    |
| 1   | CUTOFF SENSITIVITY                             |
| 2   |                                                |
| 3   | MOD.3:0 CUTOFF range:-0.65~+0.65;1:-0.65~+0.85 |
| 4   | 000: 无; 001: 45.75; 011: 38.9; 100: 38.0       |
| 5   |                                                |
| 6   |                                                |
| 7   |                                                |