

Philips 6000 series 4K Ultra Slim Smart LED TV 43PUT6262 108 cm (43") 4K Ultra HD LED TV Quad Core DVB-T/T2/C with Ambilight 2-sided and Pixel Plus Ultra HD



43PUT6262/12
TPM17.7ELA

Service information

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Reference no.: SCC_I I4375

Symptom

TV is showing test pattern, repeating White, Red, Green, Blue for those TV use LGD cell or TV have backlight no picture or abnormal display use other cell

Cure

Affected Countries: EU

Affected Chassis: TPL16.1E, QM17.3E, QM17.4E, TPM17.1E, TPM17.7E, TPM17.9E

Affected CTNs: Please refer to **Remark**.

Info: TV is showing test pattern (repeating White, Red, Green, Blue picture). Or have backlight no picture or abnormal display.

Service action: Fix on Fail

Impact range: before WK1724

Prod. Cut-In Date: 2017/6/14

Solution:

Call Centers: Return the TV to repair center

Home Repair: Same solution as "Work Shops" steps

Work Shops:

1. Replace with new FFC cable. (PN refer to **Remark1**, sample refer to **Remark2**)
2. Refer to sample for new wire assembly instructions for 43", 49", 55", 65". (**Figure**).
3. If symptom failure still persists, replace SSB.

Remark 1:

Series	CTN	18nc & 12nc	Description
43" 6412	43PUS6412/05 43PUS6412/12	395G279X51HD550001	V-by-One FFC 51P 0.5mm 370mm+MT5596+207*
49" 6412/ 6482/7 002	49PUS6412/05 49PUS6412/12 49PUS6482/05 49PUS6482/12 49PUS7002/62	395G279X51HD560001	V-by-One FFC 51P /0.5pith/MTK5596 207*19
55" 6412/6 482, 	55PUS6412/05 55PUS6412/12 55PUS6482/05 55PUS6482/12 55PUS7002/62	395G279Z51HD600001 or 395G279H51HD600001	V-by-One FFC 51P /480mm/0.5pith/MTK559 6/

65" 6412	65PUS6412/12 65PUS6412/05 65PUS6412/12_RU	395G279H51HD590001	V-by-One FFC 51P 580mm/0.5pith/MTK5596
49" 7502	49PUS7502/05 49PUS7502/12	1.395G279W41HC240002 or 395G279X41HC240002 2.395G279A51HD060002 or 395G279X51HD060002	1.V-by-One FFC 41P 0.5mm 410mm MT5596+240* 2.V-by-One FFC 51p 0.5mm. 320mm,MT559
55" 7502	55PUS7502/05 55PUS7502/12	1.395G279A41HC290001 or 395G279W41HC290001 2.395G279A51HD570001 or 395G279X51HD570001	1.V-by-One FFC 41p 0.5mm 430mm MT5596+240* 2.V-by-One FFC 51p 0.5mm 360mm MT5596+240*
65" 7502	65PUS7502/05 65PUS7502/12	1.395G279A41HC300001 2.395G279A51HD580001	1.V-by-One FFC 41p 0.5mm. 480mm. MT 2.V-by-One FFC 51p 0.5mm. 410mm. MT
55" 9002	55POS9002/05 55POS9002/12	1.395G279A41HC260001 or 395G279X41HC260001 2.395G279A51HD390001 or 395G279X51HD390001	1.V-by-One FFC 41P 260mm 0.5MM 2.V-by-One FFC 51P 260mm 0.5MM
65" 8102	65PUS8102/12	1.395G279R41HC330000 or 395G279X41HC330000 2.395G279W51HD940000 or 395G279X51HD940000	1.V-by-One FFC 41P 760mm 0.5MM,MT5596+240* 2.V-by-One FFC 51P 670mm 0.5MM,MT5596+240*
43" 6162/6 262	43PUS6162/05 43PUS6162/12 43PUT6162/12 43PUT6162/60 43PUS6262/05 43PUS6262/12	395G279A51HC870001 or 395G279X51HC870001	V-by-One FFC 51P 310mm 0.5MM

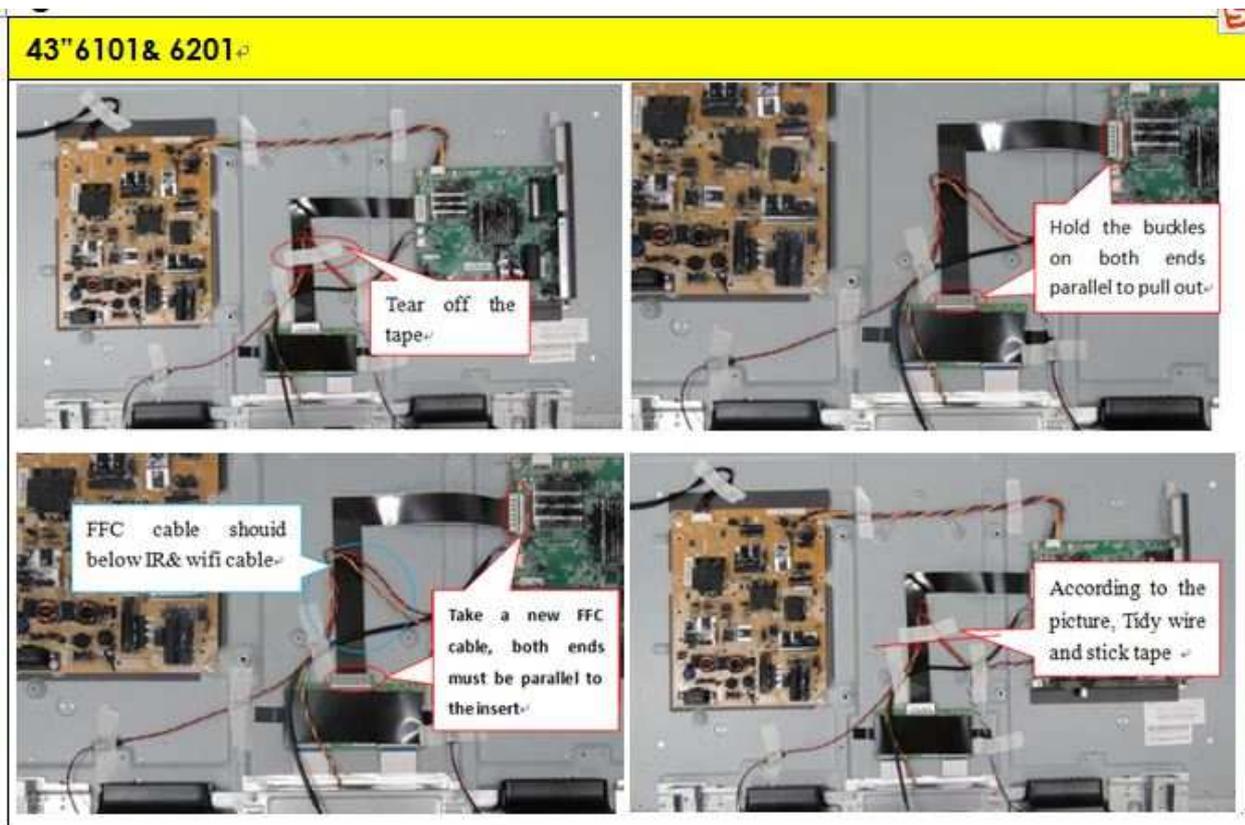
	43PUT6262/12		
49", 6162/6 262	49PUS6162/05 49PUS6162/12 49PUT6162/12 49PUT6162/60 49PUS6262/05 49PUS6262/12 49PUT6262/12	395G279A51HC880001 or 395G279X51HC880001	V-by-One FFC 51P 370mm 0.5MM
49", 6262 (SDC)	49PUS6262/12 49PUT6262/12	395G279H0510020000 or 395G279W0510020000	V-by-One FFC 51P 630mm 0.5MM
50", 6162/6 262/ 6272	50PUS6162/05 50PUS6162/12 50PUT6162/12 50PUS6262/05 50PUS6262/12 50PUT6262/12 50PUS6272/05 50PUS6272/12	395G279A51HD41 or 395G279X51HD41	V-by-One FFC 51P 390mm 0.5MM
55", 6161/6 262/ 6272	55PUS6162/05 55PUS6162/12 55PUT6162/12 55PUT6162/60 55PUS6262/05 55PUS6262/12 55PUT6262/12 55PUS6272/05 55PUS6272/12	395G279W51HD610000	V-by-One FFC 51P 420mm 0.5MM
65", 6162/6 262	65PUS6162/05 65PUS6162/12 65PUT6162/12 65PUS6262/05 65PUS6262/12 65PUT6262/12	395G279H51HD620000 or 395G279W51HD620000	V-by-One FFC 51P 540mm 0.5MM
43", 6432/6 452	43PUS6432/12 43PUS6452/12 43PUS6401/12	395G279M51HD490000 or 395G279X51HD490000	V-by-One FFC 51P 380mm 0.5MM

6401.,	43PUS6401/60., 43PUT6401/12.,		
43", 7202., 6501/6 551/, 6561/6 581.,	43PUS7202/12., 43PUS6501/12., 43PUS6501/60., 43PUT6501/12., 43PUS6551/12., 43PUS6561/12., 43PUS6581/12.,	1.395G279R41HC100001 or., 395G279X41HC100001., 2.395G279R51HC250001 or., 395G279X51HC250001.,	1.V-by-One FFC 41P 460mm 0.5MM., 2.V-by-One FFC 51P 370mm 0.5MM.,
49", 6432/6 452., 6401.,	49PUS6432/12., 49PUS6452/12., 49PUS6401/12., 49PUS6401/60., 49PUT6401/12.,	395G279W51HD510000 or., 395G279X51HD510000.,	V-by-One FFC 51P 500mm 0.5MM.,
49", 7272/, 6501/6 551/, 6561/6 581.,	49PUS7272/12., 49PUS6501/12., 49PUS6501/60., 49PUT6501/12., 49PUS6551/12., 49PUS6561/12., 49PUS6581/12.,	1.395G279W41HC110001 or., 395G279M41HC110001 or., 395G279R41HC110001., 2.395G279W51HC310001 or., 395G279R51HC310001.,	1.V-by-One FFC 41P 550mm 0.5MM., 2.V-by-One FFC 51P 460mm 0.5MM.,
55", 6432/6 452/, 6401.,	55PUS6432/12., 55PUS6452/12., 55PUS6401/12., 55PUS6401/60., 55PUT6401/12.,	395G279A51HD500000 or., 395G279X51HD500000.,	V-by-One FFC 51P 490mm 0.5MM.,
55", 7272/, 6501/6 551/, 6561/6 581.,	55PUS7272/12., 55PUS6501/12., 55PUS6501/60., 55PUT6501/12., 55PUS6551/12., 55PUS6561/12., 55PUS6581/12.,	1.395G279R41HC140002 or., 395G279X41HC140002., 2.395G279R51HC300002 or., 395G279A51HC300002.,	1.V-by-One FFC 41P 580mm 0.5mm MTK5593U+19., 2.V-by-One FFC 51P 500mm 0.5mm MTK5593U+19.,
43", 6101.,	43PUH6101/88., 43PUS6101/12., 43PUT6101/12., 43PUT6101/60.,	395G279W51NC81.,	V-by-One FFC 51P 360mm 0.5MM.,

43", 6201,	43PUS6201/12, 43PUT6201/12,	395G279M51NC850000 or, 395G279X51NC850000,	V-by-One FFC 51PIN 360mm 0.5MM,
49", 6101,	49PUH6101/88, 49PUS6101/12, 49PUT6101/12, 49PUT6101/60,	395G279W51HD35,	V-by-One FFC 51P 470mm 0.5MM,
55", 6101/6 201, (Non LGD),	55PUH6101/88, 55PUS6101/12, 55PUT6101/12, 55PUT6101/60, 55PUS6201/12, 55PUT6201/12,	395G279X51NC840000 or, 395G279X51NC80,	V-by-One FFC 51P 460mm 0.5MM,
55", 6101/6 201(LG D),	55PUH6101/88, 55PUS6101/12, 55PUT6101/12, 55PUT6101/60, 55PUS6201/12, 55PUT6201/12,	395G279W51NC82,	V-by-One FFC 51P 500mm 0.5MM,
65", 6121,	65PUS6121/12, 65PUT6121/12,	395G279M51NC830000 or, 395G279X51NC830000,	V-by-One FFC 51P 560mm 0.5MM,
49", 7101/7 181,	49PUS7101/12, 49PUS7101/60, 49PUS7181/12,	1. 395G279A41HC120002, 2. 395G279W51HC280001, , ,	1.FFC CABLE 41p 510mm 0.5MM, 2. FFC CABLE 51P 420mm 0.5MM,
55", 7101/7 181,	55PUS7101/12, 55PUS7101/60, 55PUS7181/12,	1. 395G279X41HC130001, 2. 395G279X51HC290002, ,	1.V-by-One FFC 41P 560mm 0.5MM, 2.V-by-One FFC 51P 480mm 0.5MM,
65", 7101,	65PUS7101/12, 65PUS7101/60,	1.395G279W41HC190001, 2.395G279W51HC530001, ,	1.V-by-One FFC 41P 650mm 0.5MM, 2.V-by-One FFC 51P 540mm 0.5MM,
49", 7011,	49HFL7011T/12,	1.395G279R51HC280001 or, 395G279W51HC280001 or, 395G279X51HC280001, 2.395G279A41HC120002 or,	V-by-One FFC 51P 510mm 0.5MM, V-by-One FFC 41P 510mm 0.5MM,

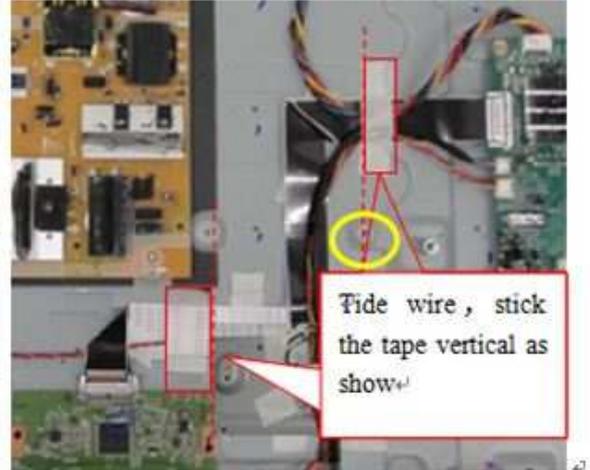
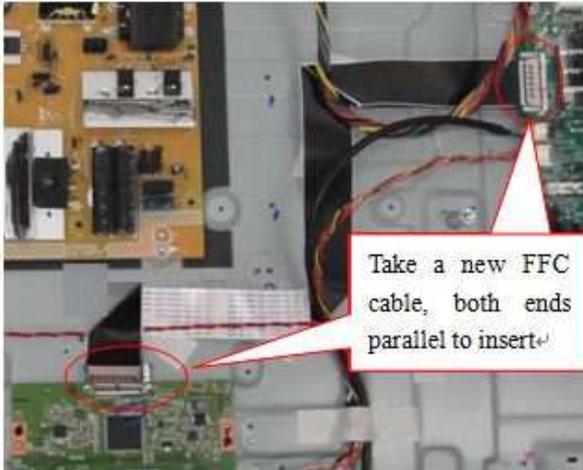
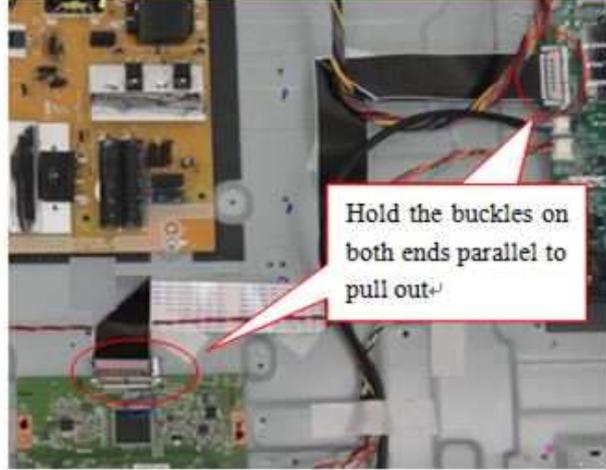
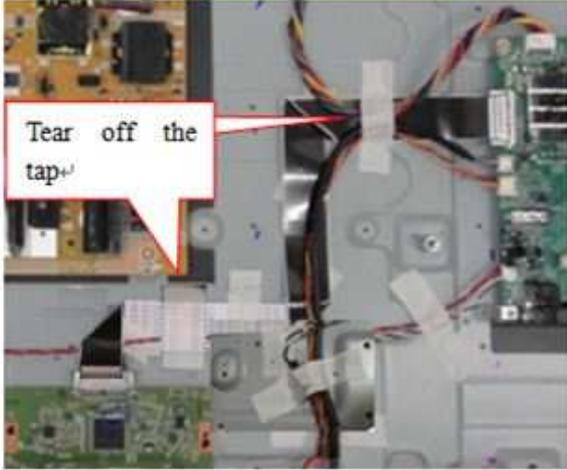
		395G279W41HC120002.	
55", 7011.	55HFL7011T/12.	1.395G279R41HC130001 or. 395G279W41HC130001 or. 395G279X41HC130001. 2.395G279A51HC290002.	1.V-by-One FFC 41P 560mm 0.5MM. 2.V-by-One FFC 51P 480mm 0.5MM.
65", 7011.	65HFL7011T/12.	1.395G279W41HC190001. 2.395G279W51HC530001.	1.V-by-One FFC 41P 650mm 0.5MM. 2.V-by-One FFC 51P 540mm 0.5MM.
65", 6521.	65PU56521/12. 65PU56521/60.	1.395G279R41HC150001 or. 395G279W41HC150001. 2.395G279R51HC230001 or. 395G279W51HC230001.	1.V-by-One FFC 41P 640mm 0.5MM. 2.V-by-One FFC 51P 550mm 0.5MM.
75", 7101.	75PU57101/12. 75PU57101/60.	1.395G279A41HC160001. 2.395G279W51HC36.	1.FFC CABLE 41P 740mm 0.5MM. 2. FFC CABLE 51P 650mm 0.5MM.
40", 5011T.	40HFL5011T/12.	395G179W51HC330001.	FFC CABLE 51P 400mm 0.5MM.
43", 5011T/ 5501.	43HFL5011T/12. 43PFH5501/88. 43PFS5501/12. 43PFT5501/12. 43PFT5501/60.	395G179A51HC420001 or. 395G179X51HC420001.	FFC CABLE 51P 310mm 0.5MM.
49", 5011T/ 5501.	49HFL5011T/12. 49PFH5501/88. 49PFS5501/12. 49PFT5501/12. 49PFT5501/60.	395G179A51HC440001 or. 395G179X51HC440001.	FFC CABLE 51P 420mm 0.5MM.
55", 5011T.	55HFL5011T/12.	395G179M51HC450001 or. 395G179X51HC450001.	FFC CABLE 51P 450mm 0.5MM.

Figure 1:



49" 6101

5



55" 6101&6201



1. Take out the machine, open the rear cover;
2. Tear the tape on FFC, as 1-5

2. Removing the FFC lamination and insert pin

3. Stick tape as shown

1. Insert PIN

4. Long tape attached to FFC corner

Hold the buckles on both ends parallel to pull out

Tape stick on as shown

Wire can not on the power board

Tape stick on the PIN

Tape stick on as shown

Stick tape as shown, can not on the board

Tape stick along the edge of convex platform

65" 6121



1. Tear off the tape

Hold the buckles on both ends parallel to pull out

Remove the back glue of FFC cable, then paste as show

Take a new FFC cable, both ends parallel to insert

Stick the AL FOIL as show

Remark2: 1. It is strongly recommended to use the new version of the cable which can be identified by checking the print on the cable



2. Temporary (e.g. when the 105°C cable is out of stock) it remains possible to use the old 80°C cable



***** Internal info only, not to be released *****

Change History

Version	Date	Change History	Author
1.0	2016/12/22	Initial release	HweeMiang Lee
2.0	2017/3/15	Modify the work shop repair content	Doris Zheng
3.1	2017/07/12	Add 2K16/2k17 EU model import 105C	Jian Tian
3.2	2017/7/18	Update symptom & info	Jian Tian
3.3	2017/7/24	Add 105C sample in remark2	Jian Tian