VK-S454 Brush Up List

	Brush Up Item	Phenomenon/Conditions (on PP Sample)	Final Version
1	AF hunting (DSS ON)	Phenomenon : "AF hunting"in low light (DSS ON) Conditions : 　[AE mode] : PAE+ 　[Lighting]　: <Low light> 　[Status]　　: at DSS ON (1/30s and below)	*Changed firmware for improvement.
2	Reverse bug	Phenomenon : "Color distortions" in low light (DSS ON -> INV OFF(*)) Conditions : 　[AE mode] : PAE+ 　[Lighting]　: <High light>　　　　　　　　　　*<Low light> 　[Operate]　: Normal -> INV ON -> WDR ON *--auto---> DSS ON -> (WDR OFF) -> INV OFF(*) 　　　　　　　　　　　　　　　　　　　　　　　　"Color distortions"	*Changed firmware for countermeasure.
3	Vertical striping/Left side shading	Phenomenon : "Vertical striping"and "Left side shading"in low light Conditions : 　[AE mode] : PAE 　[Lighting]　: <Low light> 　[Status]　　: at Normal (1/60s and AGC max.)	*Changed hardware for improvement.
4	High burst level	Phenomenon : "High burst level" - typ.center : approx. 45 IRE -	*Changed EEPROM data for burst level compensation (typ.center : 40 　address　data 　$1026　H'50 -> H'54 (New default)
5	DSS recovery time (WDR ON)	Phenomenon : "Slow recovery video" from dark(DSS ON) to light(DSS OFF(*)) (WDR ON Conditions : 　[AE mode] : PAE+ 　[Lighting]　: <High light>　　　　*<Low light>　　　　　*<High light> 　[Operate]　: Normal -> WDR ON *--auto---> DSS ON *--auto--> DSS OFF(*) 　　　　　　　　　　　　　　　　　　　　　"Slow recovery time"	*Changed EEPROM data for speed-up of recovery time. 　address　data 　$11EA　H'01C0 -> H'01A0 (New default) [-> H'0180 (max.)]
6	WDR response time	Phenomenon : "Low speed response of WDR" in high light spot (WDR OFF -> WDR ON(*) Conditions : 　[Lighting]　: <High light spot> 　[Operate]　: Normal (WDR OFF) -> WDR ON(*) 　　　　　　　　　　　　　　　　　"Low speed response" 　[Lighting]　: <High light spot> 　[Operate]　: Normal (WDR OFF) -> WDR ON(*) 　　　　　　　　　　　　　　　　　"Low speed response"	*Option to change and set the following WDR setting parameter. 　address　data 　$1184　standard. H'08 (default) [-> high. H'20 (max.)] 　$1184　standard. H'08 (default) [-> high. H'20 (max.)]