

Malmö, May 13, 2005

**Customer:** SVP Communications

**Disc id:** DVD-R 8x RIDISC

**Disc Manufacturer ID:** RITEK G05

**Recorder:** Pioneer DVR-109 FW: 1.40

## **Analysis CATS signal test:**

This recorded RIDISC disc recorded in 8x measures almost all of the essential parameters within the specification limits.

The HF-parameter Asymmetry dips just slightly below the specification limit in two areas. This has not affected the other essential parameters.

The recorded pits and lands are well defined; this is seen in the Jitter measurements that goes well within the just above the specification limit.

The error correction PISum8 is at a good and stable level and playability issues will not occur

The servo- and tracking parameters Radial1 and Focus Error peaks above the soft limits in one area (around radius 44mm). This is caused by a physical damage (a small scratch) and will not cause any reading issues.

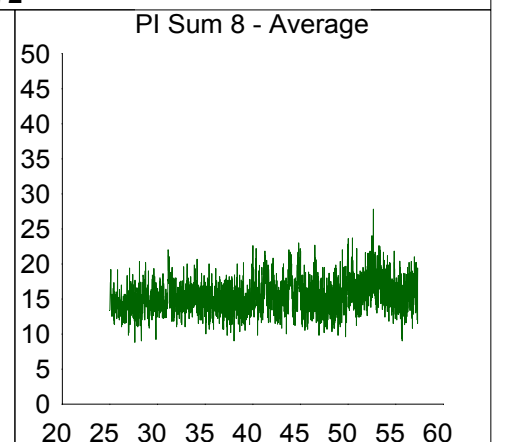
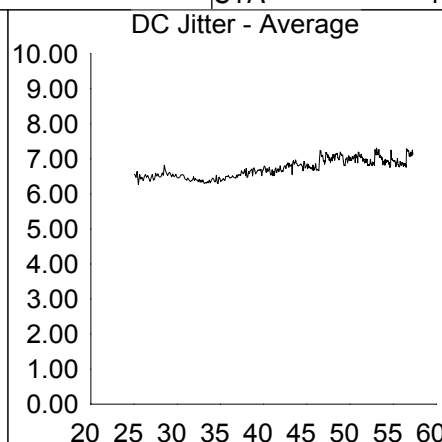
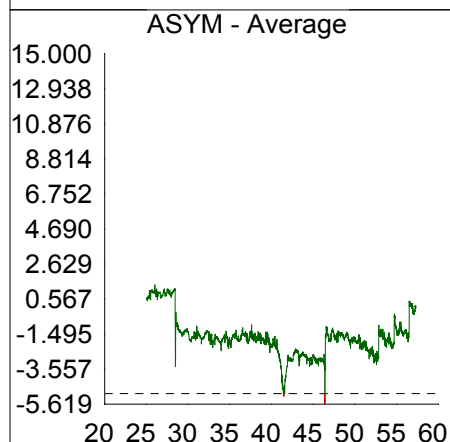
**Overall the quality of this RIDISC disc recorded with a Pioneer DVR-109 FW:1.40 is good and playability issues will not occur.**

Production Name: SVP  
 Production Number: DVD-R 8x RIDISC  
 Module(s): 2 - DPEB2111  
 Module Type(s): Pulstec DVD-R/RW PTG  
 Test Template: DVD-R 8x rec 25-57.3 mm  
 Test Result: **FAIL (Measurement Error)**

**Out Of Spec:**  
**ASYM**

Order Nr: 0  
 Operator: DM  
 Date: 5/13/2005  
 Time: 9:02:11 AM

Parameter	Min	Max	Avg	Lower	Upper	Parameter	Min	Max	Avg	Lower	Upper
RN	3.81	7.00	4.597			I14H LV		0.08			
SVY	3.470	3.471	3.4702	3.4510	3.5240	I14H RV	0.0	0.0	0.03	0.00	0.15
PIE	0	10	1.6			I14H DV		0.08		0.000	0.330
POF	0	0	0.0	0.0	0.0	TCS	0.25	0.27	0.265	0.100	1.000
PIF	0	5	0.0			DPD Amp	0.82	0.84	0.830	0.500	1.100
PI Sum 8	5	33	15.5	0.0	280.0	DPD Asym	0.023	0.035	0.0296	0.0000	0.2000
I3/I14	0.24	0.27	0.257	0.150	1.000	RRO	26	27	26.1	0.0	70.0
I14/I14H	0.70	0.74	0.733	0.500	1.000	DC Jitter	6.27	7.30	6.758		
ASYM	-5.619	1.394	-1.7720	-5.0000	15.0000	DC Neg Jitter	6.64	7.80	7.284		
R14H	47.44	51.78	48.903	45.000	85.000	DC Pos Jitter	6.09	7.32	6.671		
TPP	0.114	0.208	0.1283	0.0000	0.9000	Bottom jitter	6.28	7.06	6.656	0.000	8.000
FE	0.022	0.543	0.0618			I14H DV2	0.02	0.08	0.046	0.000	0.330
Radial1	3.10	53.08	5.533			PPa	0.43	0.50	0.461		
Radial2	3.63	6.66	4.378								
FE1	0.013	0.094	0.0237								
FE2	0.002	0.017	0.0037								
DOC	0	1	0.0								
DOL	0	33	0.1								
AR	22	29	26.3	15.0	100.0						
BLERa	0.0	1.2	0.63	0.00	5.00						
Beta	-0.09	-0.00	-0.044								
WOCNRa	33.6	35.1	34.25	31.00	100.00						
WOCNR	31.5	34.0	32.63								
						Physical	Layer 0	Limit 0	Limit 1		
						IDIA	44.46	0.000-45.200	0.000-45.200		
						IDDA	47.90	47.600-48.050	47.600-48.050		
						STA	47.72				



Production Name: SVP  
Production Number: DVD-R 8x RIDISC

