

TVD-581A

1. Test disc specification

(1) Scope

This TVD-581A is for the adjustment of Video CD players and checking of their operation.

2. Disc specifications

Version : VIDEO-CD Ver.2.0

Video Signal : NTSC & PAL

Playback control

Segment Play Items (High resolution still pictures and normal resolution pictures)

CD-DA

3. Contents

Track Number	Sequence Number	NTSC MPEG Video NAME	MPEG Audio		Contents TIME
			CH-0	CH-1	
2	1	Monoscope	1kHz 0dB	1kHz 0dB	60sec.
3	2	Color Bar	zero	zero	60sec.
4	3	Stair Step B/W 5 Steps	1kHz 0dB	1kHz 0dB	30sec.
5	4	Stair Step Color 5 Steps	zero	zero	30sec.
6	5	Mod. Ramp	997Hz -60dB	997Hz -60dB	30sec.
7	6	Mod. Ramp APL 10%	4Hz 0dB	4Hz 0dB	30sec.
8	7	Mod. Ramp APL 90%	21Hz 0dB	21Hz 0dB	30sec.
9	8	Multi Burst 50%	127Hz 0dB	127Hz 0dB	30sec.
10	9	Multi Burst 100%	997Hz 0dB	997Hz 0dB	30sec.
11	10	Pulse & Bar	16001Hz 0dB	16001Hz 0dB	60sec.
12	11	Video Sweep 0.1~6MHz	10007Hz 0dB	10007Hz 0dB	60sec.
13	12	Magenta	17989Hz 0dB	17989Hz 0dB	50sec.
14	13	Green	19997Hz 0dB	19997Hz 0dB	50sec.
15	14	Blue	997Hz 0dB	997Hz 0dB	50sec.
16	15	Red	997Hz -10dB	997Hz -10dB	50sec.
17	16	White 100%	997Hz -20dB	997Hz -20dB	50sec.
18	17	Gray 50%	997Hz -40dB	997Hz -40dB	50sec.
19	18	Black 0%	997Hz -60dB	997Hz -60dB	50sec.
20	19	V.Bar	997Hz -80dB	997Hz -80dB	60sec.
21	20	Monoscope Scroll	997Hz -90dB	997Hz -90dB	60sec.
22	21	Character Scroll	Sweep	Sweep	60sec.
23	22	A.V.Synchronous Check	1kHz -20dB	1kHz -20dB	60sec.
24	23	Motion Picture	CH-0 Announce	CH-1 Announce	120sec.
		PAL MPEG Video NAME			
25	24	Monoscope (PAL)	127Hz 0dB		60sec.
26	25	Color Bar (PAL)	997Hz 0dB		60sec.
27	26	Stair Step B/W 10 Step (PAL)	10007Hz 0dB		60sec.
28	27	Stair Step B/W 5 Step (PAL)	16001Hz 0dB		60sec.
29	28	Multi Burst 100% (PAL)	997Hz -20dB		60sec.
30	29	Motion Picture (PAL)	Noctume (Op.9-2)		120sec.
			CD-DA		
			Lch.	Rch.	
31	30	None	1kHz 0dB	1kHz 0dB	60sec.
32	31	None	Fantaisie-Improptu	Fantaisie-Improptu	266sec.

NTSC MPEG code Still Pictures without MPEG Audio
(High Resolution & Normal Resolution Still Pictures)

Picture No.	Still Picture Name	High or Normal	Picture No.	Still Picture Name	High or Normal
1	Monoscope	High Resolution	19	Monoscope	Normal Resolution
2	Color Bar	"	20	Color Bar	"
3	Stair Step B/W 5 Steps	"	21	Stair Step B/W 5 Steps	"
4	Stair Step Color 5 Steps	"	22	Stair Step Color 5 Steps	"
5	Mod. Ramp	"	23	Mod. Ramp	"
6	Multi Burst 100%	"	24	Multi Burst 100%	"
7	Pulse & Bar	"	25	Pulse & Bar	"
8	Video Sweep	"	26	Video Sweep	"
9	Magenta	"	27	Magenta	"
10	Green	"	28	Green	"
11	Blue	"	29	Blue	"
12	Red	"	30	Red	"
13	White 100%	"	31	White 100%	"
14	Gray 50%	"	32	Gray 50%	"
15	Black 0%	"	33	Black 0%	"
16	Portrait	"	34	Portrait	"
17	Characters	"	35	Characters	"
18	Slide Show	"	36	Slide Show	"

PAL MPEG code Still Pictures without MPEG Audio
(High Resolution & Normal Resolution Still Pictures)

Picture No.	Still Picture Name	High or Normal
1	Monoscope (PAL)	High Resolution
2	Color Bar (PAL)	"
3	Stair Step Color 10Steps (PAL)	"
4	Portrait (PAL)	"
5	Characters (PAL)	"
6	Slide Show	"
7	Monoscope (PAL)	Normal Resolution
8	Color Bar (PAL)	"
9	Stair Step Color 10Steps (PAL)	"
10	Portrait (PAL)	"
11	Characters (PAL)	"
12	Slide Show	"

Caution for DG/DP evaluation :The video signals of still picture linearity recorded in this disc has distortions caused by RGB process. Therefore, this disc can not used for evaluations of differntial gain and differential phase with Video CD player of RGB type.

Corresponded video signals :

- Stair Step Color
- Mod. Ramp
- Pulse & Bar

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