

Title: DVB178-1r1-WM-1  
Video Format: 1080p, 25 Hz  
Server Code: 262144, Starting Interval Code: 0, intervalCodeAnchor: 0, mediaTimeAnchor: 0  
Watermark Timing: Cell and VP1 Message Group Boundaries at n\*1.5 seconds for n=0,1,2,...  
Video Watermark Luminance: symbol 0 = 4, symbol 1 = 40  
Video Watermark Payload: Extended VP1 Payload multiplexed with Dynamic Event Message  
Informational Overlay: None

Test Stream Timeline		Watermark Timeline		Content	AWM VP1	VWM eVP1	Event (Test Stream Timeline)		
Start (m:ss:ff)	Length (s)	Start (m:ss:ff)	Speed				AWM/VWM Event Start Time (m:ss:ff)	VWM Event End Time (m:ss:ff)	Event Description
0:00:00	60	0:00:00	1	Program	X		0:05:00	0:59:24	AWM Toggle QF
1:00:00	1	1:00:00	1	Black Video/Audio Silence	X	X			
1:01:00	30	1:01:00	1	Ad #1 Replaceable	X	X			
1:31:00	1/25	1:31:00	1	Black Video/Audio Silence	X	X			
1:31:01	30	1:31:01	1	Ad #2 Non-Replaceable	X	X	1:31:01	1:41:00	AWM/VWM Toggle QF, Compact SCTE 35 Message #2
2:01:01	1/25	2:01:01	1	Black Video/Audio Silence	X	X			
2:01:02	30	2:01:02	1	Ad #3 Replaceable	X	X			
2:31:02	1/25	2:31:02	1	Black Video/Audio Silence	X	X			
2:31:03	30	2:31:03	1	Ad #4 Non-Replaceable	X	X	2:31:03	2:41:02	AWM/VWM Toggle QF, Compact SCTE 35 Message #3
3:01:03	1/25	3:01:03	1	Black Video/Audio Silence	X	X			
3:01:04	30	3:01:04	1	Ad #5 Replaceable	X	X			
3:31:04	1	3:31:04	1	Black Video/Audio Silence	X	X			
3:32:04	60	3:32:04	1	Program	X				

Title: DVB178-1r1-WM-2  
Video Format: 1080p, 25 Hz  
Server Code: 262144, Starting Interval Code: 0, intervalCodeAnchor: 0, mediaTimeAnchor: 0  
Watermark Timing: Cell and VP1 Message Group Boundaries at n\*1.5 seconds for n=0,1,2,...  
Video Watermark Luminance: symbol 0 = 4, symbol 1 = variable  
Video Watermark Payload: Extended VP1 Payload multiplexed with Dynamic Event Message  
Informational Overlay: None

Test Stream Timeline		Watermark Timeline		Content	AWM VP1	VWM eVP1	Event (Test Stream Timeline)		
Start (m:ss:ff)	Length (s)	Start (m:ss:ff)	Speed				AWM/VWM Event Start Time (m:ss:ff)	VWM Event End Time (m:ss:ff)	Event Description
0:00:00	60	0:00:00	1	Program	X	X	0:05:00	0:59:24	AWM/VWM Toggle QF, Compact SCTE 35 Message #1
1:00:00	1	1:00:00	1	Black Video/Audio Silence	X	X			
1:01:00	30	1:01:00	1	Ad #1 Replaceable	X	X			
1:31:00	1/25	1:31:00	1	Black Video/Audio Silence	X	X			
1:31:01	30	1:31:01	1	Ad #2 Non-Replaceable	X	X	1:31:01	1:41:00	AWM/VWM Toggle QF, Compact SCTE 35 Message #2
2:01:01	1/25	2:01:01	1	Black Video/Audio Silence	X	X			
2:01:02	30	2:01:02	1	Ad #3 Replaceable	X	X			
2:31:02	1/25	2:31:02	1	Black Video/Audio Silence	X	X			
2:31:03	30	2:31:03	1	Ad #4 Non-Replaceable	X	X	2:31:03	2:41:02	AWM/VWM Toggle QF, Compact SCTE 35 Message #3
3:01:03	1/25	3:01:03	1	Black Video/Audio Silence	X	X			
3:01:04	30	3:01:04	1	Ad #5 Replaceable	X	X			
3:31:04	1	3:31:04	1	Black Video/Audio Silence	X	X			
3:32:04	60	3:32:04	1	Program	X	X			

Title: DVB178-1r1-WM-3  
Video Format: 1080p, 25 Hz  
Server Code: 262144, Starting Interval Code: 0, intervalCodeAnchor: 0, mediaTimeAnchor: 0  
Watermark Timing: Cell and VP1 Message Group Boundaries at n\*1.5 seconds for n=0,1,2,...  
Video Watermark Luminance: symbol 0 = 4, symbol 1 = 40  
Video Watermark Payload: Extended VP1 Payload multiplexed with Dynamic Event Message  
Informational Overlay: Test stream timecode in text and QR

Test Stream Timeline		Watermark Timeline		Content	AWM VP1	VWM eVP1	Event (Test Stream Timeline)		
Start (m:ss:ff)	Length (s)	Start (m:ss:ff)	Speed				AWM/VWM Event Start Time (m:ss:ff)	VWM Event End Time (m:ss:ff)	Event Description
0:00:00	60	0:00:00	1	Program	X		0:05:00	0:59:24	AWM Toggle QF
1:00:00	1	1:00:00	1	Black Video/Audio Silence	X	X			
1:01:00	30	1:01:00	1	Ad #1 Replaceable	X	X			
1:31:00	1/25	1:31:00	1	Black Video/Audio Silence	X	X			
1:31:01	30	1:31:01	1	Ad #2 Non-Replaceable	X	X	1:31:01	1:41:00	AWM/VWM Toggle QF, Compact SCTE 35 Message #2
2:01:01	1/25	2:01:01	1	Black Video/Audio Silence	X	X			
2:01:02	30	2:01:02	1	Ad #3 Replaceable	X	X			
2:31:02	1/25	2:31:02	1	Black Video/Audio Silence	X	X			
2:31:03	30	2:31:03	1	Ad #4 Non-Replaceable	X	X	2:31:03	2:41:02	AWM/VWM Toggle QF, Compact SCTE 35 Message #3
3:01:03	1/25	3:01:03	1	Black Video/Audio Silence	X	X			
3:01:04	30	3:01:04	1	Ad #5 Replaceable	X	X			
3:31:04	1	3:31:04	1	Black Video/Audio Silence	X	X			
3:32:04	60	3:32:04	1	Program	X				

Title: DVB178-1r1-WM-4

Video Format: 1080p, 25 Hz

Server Code: 262144, Starting Interval Code: 0, intervalCodeAnchor: 0, mediaTimeAnchor: 0

Watermark Timing: Cell and VP1 Message Group Boundaries at n\*1.5 seconds for n=0,1,2,...

Video Watermark Luminance: symbol 0 = 4, symbol 1 = variable

Video Watermark Payload: Extended VP1 Payload multiplexed with Dynamic Event Message

Informational Overlay: Test stream timecode in text and QR code

Test Stream Timeline		Watermark Timeline		Content	AWM VP1	VWM eVP1	Event (Test Stream Timeline)		
Start (m:ss:ff)	Length (s)	Start (m:ss:ff)	Speed				AWM/VWM Event Start Time (m:ss:ff)	VWM Event End Time (m:ss:ff)	Event Description
0:00:00	60	0:00:00	1	Program	X	X	0:05:00	0:59:24	AWM/VWM Toggle QF, Compact SCTE 35 Message #1
1:00:00	1	1:00:00	1	Black Video/Audio Silence	X	X			
1:01:00	30	1:01:00	1	Ad #1 Replaceable	X	X			
1:31:00	1/25	1:31:00	1	Black Video/Audio Silence	X	X			
1:31:01	30	1:31:01	1	Ad #2 Non-Replaceable	X	X	1:31:01	1:41:00	AWM/VWM Toggle QF, Compact SCTE 35 Message #2
2:01:01	1/25	2:01:01	1	Black Video/Audio Silence	X	X			
2:01:02	30	2:01:02	1	Ad #3 Replaceable	X	X			
2:31:02	1/25	2:31:02	1	Black Video/Audio Silence	X	X			
2:31:03	30	2:31:03	1	Ad #4 Non-Replaceable	X	X	2:31:03	2:41:02	AWM/VWM Toggle QF, Compact SCTE 35 Message #3
3:01:03	1/25	3:01:03	1	Black Video/Audio Silence	X	X			
3:01:04	30	3:01:04	1	Ad #5 Replaceable	X	X			
3:31:04	1	3:31:04	1	Black Video/Audio Silence	X	X			
3:32:04	60	3:32:04	1	Program	X	X			

Title: DVB178-1r1-WM-5

Video Format: 576i, 25 Hz

Server Code: 262144, Starting Interval Code: 0, intervalCodeAnchor: 0, mediaTimeAnchor: 0

Watermark Timing: Cell and VP1 Message Group Boundaries at n\*1.5 seconds for n=0,1,2,...

Video Watermark Luminance: symbol 0 = 4, symbol 1 = 40

Video Watermark Payload: Extended VP1 Payload multiplexed with Dynamic Event Message

Informational Overlay: None

Test Stream Timeline		Watermark Timeline		Content	AWM VP1	VWM eVP1	Event (Test Stream Timeline)		
Start (m:ss:ff)	Length (s)	Start (m:ss:ff)	Speed				AWM/VWM Event Start Time (m:ss:ff)	VWM Event End Time (m:ss:ff)	Event Description
0:00:00	60	0:00:00	1	Program	X		0:05:00		AWM Toggle QF
1:00:00	1	1:00:00	1	Black Video/Audio Silence	X	X			
1:01:00	30	1:01:00	1	Ad #1 Replaceable	X	X			
1:31:00	1/25	1:31:00	1	Black Video/Audio Silence	X	X			
1:31:01	30	1:31:01	1	Ad #2 Non-Replaceable	X	X	1:31:01	1:41:00	AWM/VWM Toggle QF, Compact SCTE 35 Message #2
2:01:01	1/25	2:01:01	1	Black Video/Audio Silence	X	X			
2:01:02	30	2:01:02	1	Ad #3 Replaceable	X	X			
2:31:02	1/25	2:31:02	1	Black Video/Audio Silence	X	X			
2:31:03	30	2:31:03	1	Ad #4 Non-Replaceable	X	X	2:31:03	2:41:02	AWM/VWM Toggle QF, Compact SCTE 35 Message #3
3:01:03	1/25	3:01:03	1	Black Video/Audio Silence	X	X			
3:01:04	30	3:01:04	1	Ad #5 Replaceable	X	X			
3:31:04	1	3:31:04	1	Black Video/Audio Silence	X	X			
3:32:04	60	3:32:04	1	Program	X				

Title: DVB178-1r1-WM-6

Video Format: 1080p, 25 Hz

Server Code: 262144, Starting Interval Code: 0, intervalCodeAnchor: 0, mediaTimeAnchor: 0

Watermark Timing: Cell and VP1 Message Group Boundaries at n\*1.5 seconds for n=0,1,2,...

Video Watermark Luminance: symbol 0 = 4, symbol 1 = 40

Video Watermark Payload: Extended VP1 Payload multiplexed with Dynamic Event Message

Informational Overlay: None

Test Stream Timeline		Watermark Timeline		Content	AWM VP1	VWM eVP1	Watermark Event (Test Stream Timeline)		
Start (m:ss:ff)	Length (s)	Start (m:ss:ff)	Speed				AWM/VWM Event Start Time (m:ss:ff)	VWM Event End Time (m:ss:ff)	Event Description
0:00:00	60	0:00:00	1	Program	X		0:05:00		AWM Toggle QF
1:00:00	1	1:00:00	1	Black Video/Audio Silence	X	X			
1:01:00	3	1:01:00	1	Ad #1 Replaceable	X	X			
1:04:00	13	1:04:00	1	Ad #1 Replaceable (cont'd) with partial screen overlay obscuring vwm	X				
1:17:00	1	1:17:00	1	Ad #1 Replaceable (cont'd)	X	X			
1:18:00	13	1:18:00	1	Ad #1 Replaceable (cont'd) with audio muted and mute icon shown not obscuring vwm		X			
1:31:00	1/25	1:31:00	1	Black Video/Audio Silence with mute icon shown not obscuring vwm		X			
1:31:01	1	1:31:01	1	Ad #2 Non-Replaceable with audio muted and mute icon shown not obscuring vwm		X	1:31:01	1:32:01	AWM/VWM Toggle QF, Compact SCTE 35 Message #2
1:32:01	29	1:32:01	1	Ad #2 Non-Replaceable (cont'd)	X	X	1:32:01	1:41:00	Compact SCTE 35 Message #2 (cont'd)
2:01:01	1/25	2:01:01	1	Black Video/Audio Silence		X			
2:01:02	5 23/25	2:01:02	1	Ad #3 Replaceable	X	X			
2:07:00	5	2:07:00	0	Ad #3 Replaceable paused with pause icon shown not obscuring vwm		X			
2:12:00	5	2:07:00	1	Ad #3 Replaceable (cont'd)	X	X			
2:17:00	5	-	-	Alt. Program (change to unwatermarked channel)					
2:22:00	14 2/25	2:17:00	1	Ad #3 Replaceable (cont'd)	X	X			
2:36:02	1/25	2:31:02	1	Black Video/Audio Silence	X	X			
2:36:03	30	2:31:03	1	Ad #4 Non-Replaceable	X	X	2:36:03	2:46:02	AWM/VWM Toggle QF, Compact SCTE 35 Message #3
3:06:03	1/25	3:01:03	1	Black Video/Audio Silence	X	X			
3:06:04	1 21/25	3:01:04	1	Ad #5 Replaceable	X	X			
3:08:00	5	3:03:00	2	Ad #5 Replaceable (cont'd) fast forward 2x with audio muted and 2x icon shown not obscuring vwm		X			
3:13:00	2	3:13:00	1	Ad #5 Replaceable (cont'd)	X	X			
3:15:00	2 2/25	3:15:00	8	Ad #5 Replaceable (cont'd) fast forward 8x with audio muted and 8x icon shown not obscuring vwm		X			
3:17:02	3/25	3:30:00	8	Black Video/Audio Silence		X			
3:17:05	20/25	3:31:00	8	Program fast forward 8x with audio muted and 8x icon shown not obscuring vwm					
3:18:00	53 4/25	3:39:04	1	Program (cont'd)	X				

Title: DVB178-1r1-WM-7

Video Format: 1080p, 25 Hz

Server Code: 262144, Starting Interval Code: 0, intervalCodeAnchor: 0, mediaTimeAnchor: 0

Watermark Timing: Cell and VP1 Message Group Boundaries at n\*1.5 seconds for n=0,1,2,...

Video Watermark Luminance: symbol 0 = 4, symbol 1 = variable

Video Watermark Payload: Extended VP1 Payload multiplexed with Dynamic Event Message

Informational Overlay: Test stream timecode in text and QR code

Test Stream Timeline		Watermark Timeline		Event (Test Stream Timeline)					
Start (s)	Length (s)	Start (m:ss:ff)	Speed	Content	AWM VP1	VWM eVP1	AWM/VWM Event Start Time (m:ss:ff)	VWM Event End Time (m:ss:ff)	Event Description
0:00:00	60	0:00:00	1	Program	X	X	0:05:00	0:59:24	AWM/VWM Toggle QF, Compact SCTE 35 Message #1
1:00:00	1	1:00:00	1	Black Video/Audio Silence	X	X			
1:01:00	3	1:01:00	1	Ad #1 Replaceable	X	X			
1:04:00	13	1:04:00	1	Ad #1 Replaceable (cont'd) with partial screen overlay obscuring vwm	X				
1:17:00	1	1:17:00	1	Ad #1 Replaceable (cont'd)	X	X			
1:18:00	13	1:18:00	1	Ad #1 Replaceable (cont'd) with audio muted and mute icon shown not obscuring vwm		X			
1:31:00	1/25	1:31:00	1	Black Video/Audio Silence with mute icon shown not obscuring vwm		X			
1:31:01	1	1:31:01	1	Ad #2 Non-Replaceable with audio muted and mute icon shown not obscuring vwm		X	1:31:01	1:32:01	AWM/VWM Toggle QF, Compact SCTE 35 Message #2
1:32:01	29	1:32:01	1	Ad #2 Non-Replaceable (cont'd)	X	X	1:32:01	1:41:00	Compact SCTE 35 Message #2 (cont'd)
2:01:01	1/25	2:01:01	1	Black Video/Audio Silence		X			
2:01:02	5 23/25	2:01:02	1	Ad #3 Replaceable	X	X			
2:07:00	5	2:07:00	0	Ad #3 Replaceable paused with pause icon shown not obscuring vwm		X			
2:12:00	5	2:07:00	1	Ad #3 Replaceable (cont'd)	X	X			
2:17:00	5	-	-	Alt. Program (change to unwatermarked channel)					
2:22:00	14 2/25	2:17:00	1	Ad #3 Replaceable (cont'd)	X	X			
2:36:02	1/25	2:31:02	1	Black Video/Audio Silence	X	X			
2:36:03	30	2:31:03	1	Ad #4 Non-Replaceable	X	X	2:36:03	2:46:02	AWM/VWM Toggle QF, Compact SCTE 35 Message #3
3:06:03	1/25	3:01:03	1	Black Video/Audio Silence	X	X			
3:06:04	1 21/25	3:01:04	1	Ad #5 Replaceable	X	X			
3:08:00	5	3:03:00	2	Ad #5 Replaceable (cont'd) fast forward 2x with audio muted and 2x icon shown not obscuring vwm		X			
3:13:00	2	3:13:00	1	Ad #5 Replaceable (cont'd)	X	X			
3:15:00	2 2/25	3:15:00	8	Ad #5 Replaceable (cont'd) fast forward 8x with audio muted and 8x icon shown not obscuring vwm		X			
3:17:02	3/25	3:30:00	8	Black Video/Audio Silence		X			
3:17:05	20/25	3:31:00	8	Program fast forward 8x with audio muted and 8x icon shown not obscuring vwm		X			
3:18:00	53 4/25	3:39:04	1	Program (cont'd)	X	X			

