

KAIROS Support Information (動作確認結果)

1. Confirmed product (対象機器)

Vender	Product	Software Version
Haivision	Makito X4 Video Encoder S-MX4E-SDI4-UHD	1.5.0-33
	Makito X4 Video Decoder S-MX4D-SDI4-UHD	1.4.0-104

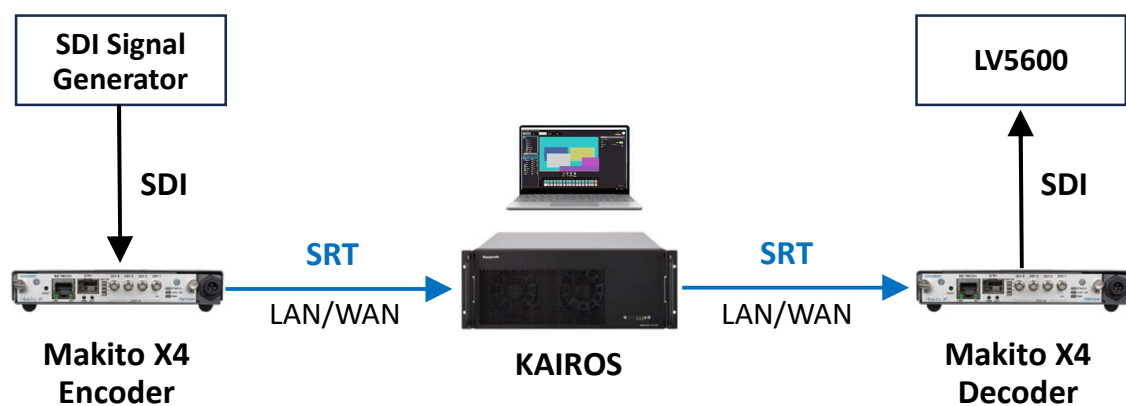
2. Test environment (動作確認環境)

Equipment (使用機器)

Equipment Name	Model	S/W Version	Remarks
Kairos Core server	AT-KC200	Ver 1.5.0	
Kairos Creator	AT-SFC10	Ver 1.5.0	Windows 10

Waveform Monitor	Leader LV5600		
------------------	---------------	--	--

Test System Diagram (構成図)



3. Test Items & Result (確認項目と結果)

3.1 Compatible Connection Mode

		KAIROS	
		SRT Caller	SRT Listener
Makito X4 Encoder	SRT Caller		✓
	SRT Listener	NG	
Makito X4 Decoder	SRT Caller		✓
	SRT Listener	✓ (*)	

(*) Stream ID must be enabled on Makito X4 Decoder

3.2 Compatible Video Format

Makito X4 Encoder

Compatible SRT Video format with KAIROS										
1280x720			1920x1080							
50p	59p	60p	23p	24p	25p	29p	30p	50p	59p	60p
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

* Makito X4 Encoder can convert SDI interlaced video input to progressive video output of SRT.

Makito X4 Decoder

Compatible SRT Video format with KAIROS										
1280x720			1920x1080							
50p	59p	60p	23p	24p	25p	29p	30p	50p	59p	60p
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

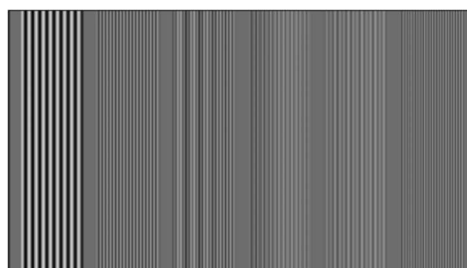
3.3 Video / Audio Tests

Test Item		Result	Note
Video			
Color Bar	Level	OK	Refer to [VECTOR] below
Ramp	Linearity	OK	Refer to [WAVEFORM] below
	Under 0% Black	OK	Refer to [WAVEFORM] below
	Over 100% White	OK	Refer to [WAVEFORM] below
Multiburst	Resolution	OK	Refer to [MULTIBURST] below
Audio			
1 kHz Tone	No audio channel swapping	OK	Refer to [AUDIO] below
	Level	OK	Refer to [ADUIO] below
	No click noise	OK	

[Video Test Pattern]

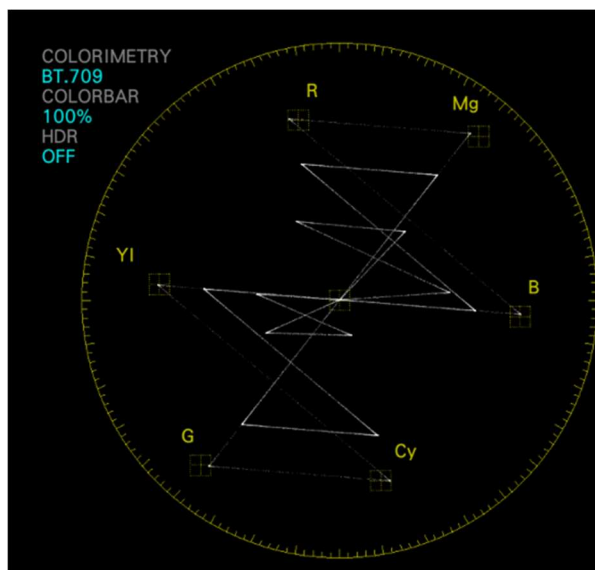


Color Bar / RAMP

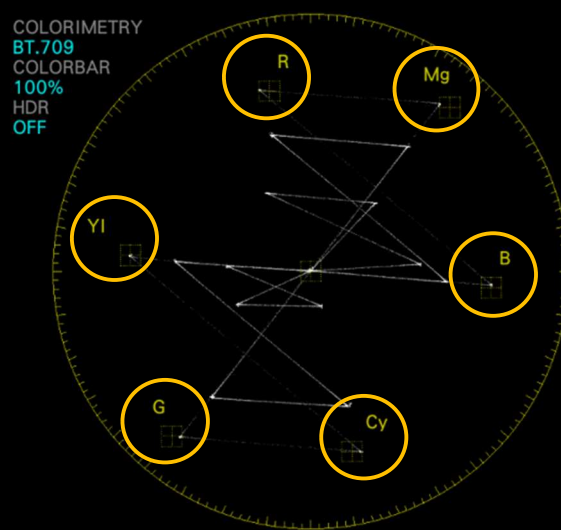


Multiburst

[VECTOR]

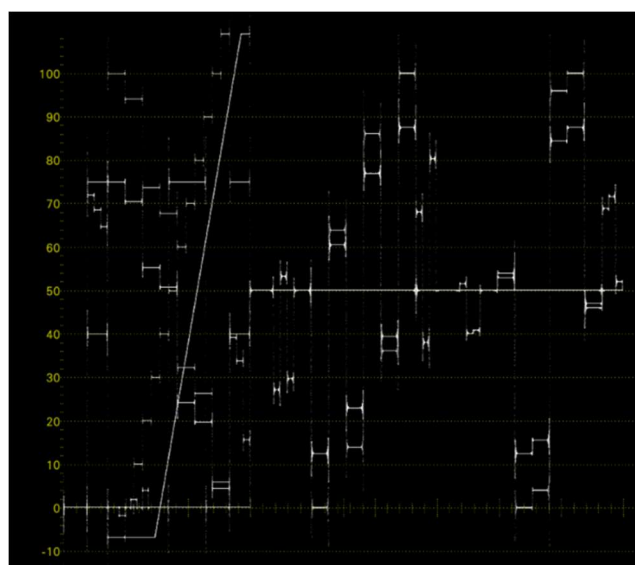


Original SDI Input

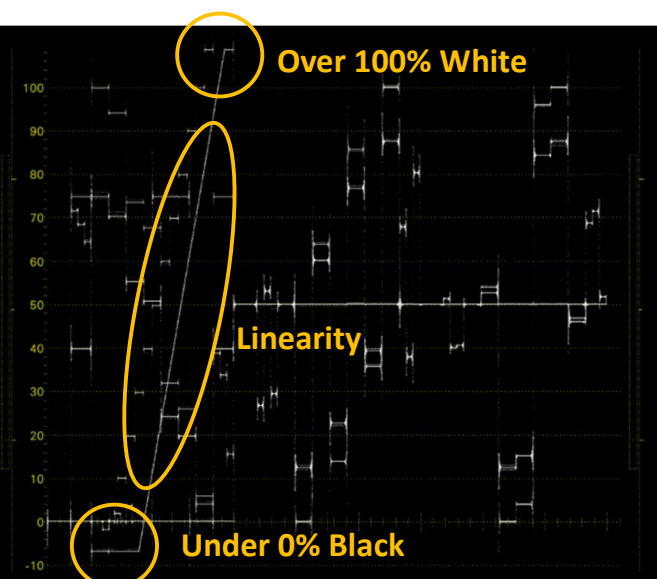


Decoder SDI Output

[WAVEFORM]

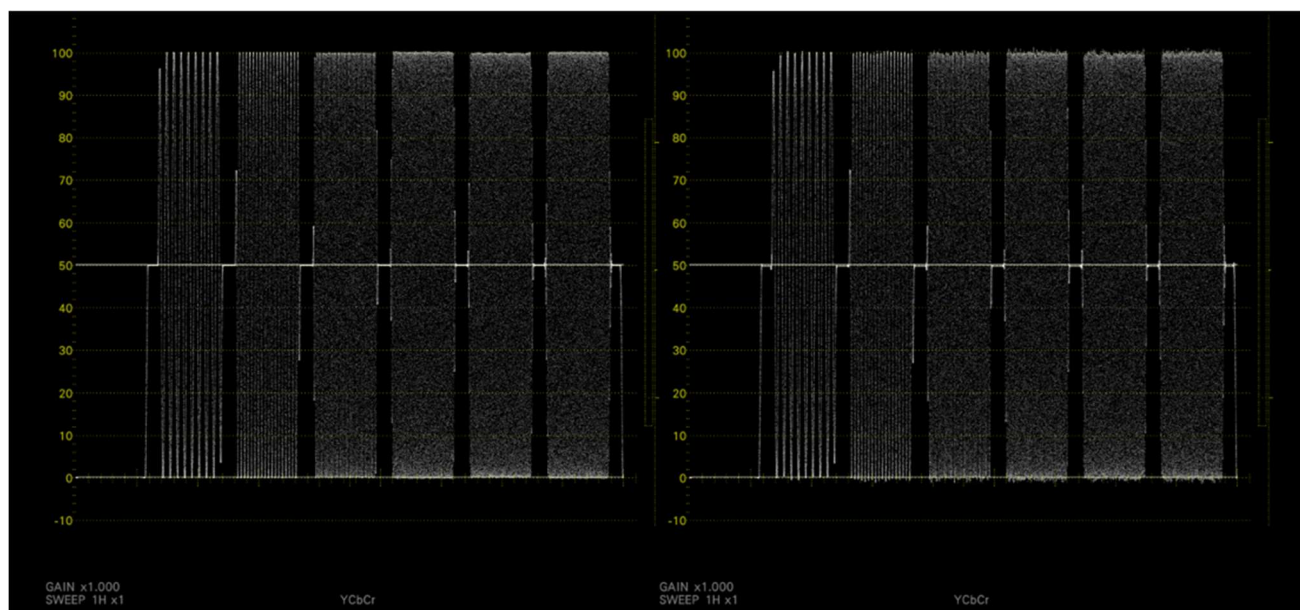


Original SDI Input



Decoder SDI Output

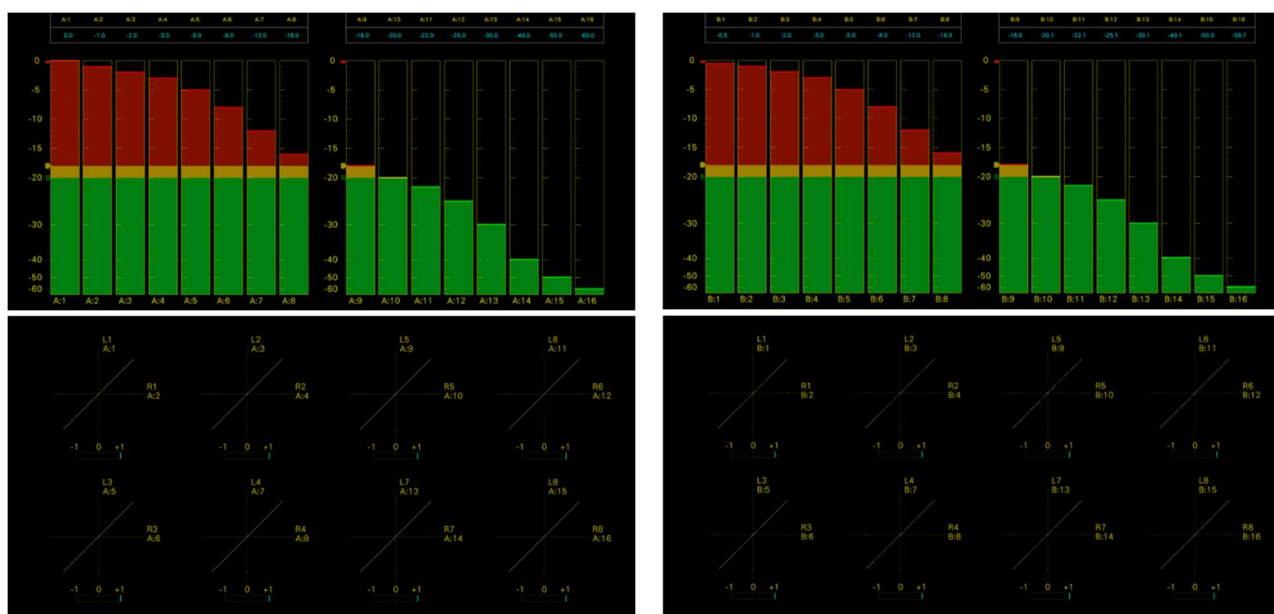
[MULTIBURST]



Original SDI Input

Decoder SDI Output

[AUDIO]



Original SDI Input

Decoder SDI Output

The information on the pages shows test results under specific environment only. The related operations and test results might be changed and are not guaranteed.

注意：掲載される動作確認情報はテスト実施時点での内容であり、すべての環境で動作を保証するものではありません。