

Kairos Validation test report (検証報告書)

1. Outline (概要) & Purpose (目的)

The purpose of this validation is to test interconnectivity or interoperability of Kairos with our partner's (3rd party's) product.

2. Validation product (検証対象機器)

Vender name	Product name	Product Number	Interface	S/W Version
MEDIAEDGE	Multi network decoder/Player	USDP-R1000SH	OUT:SDI/HDMI	Ver 1.1.2 →Ver.2.0.800
		USDP-R500H	OUT:HDMI	

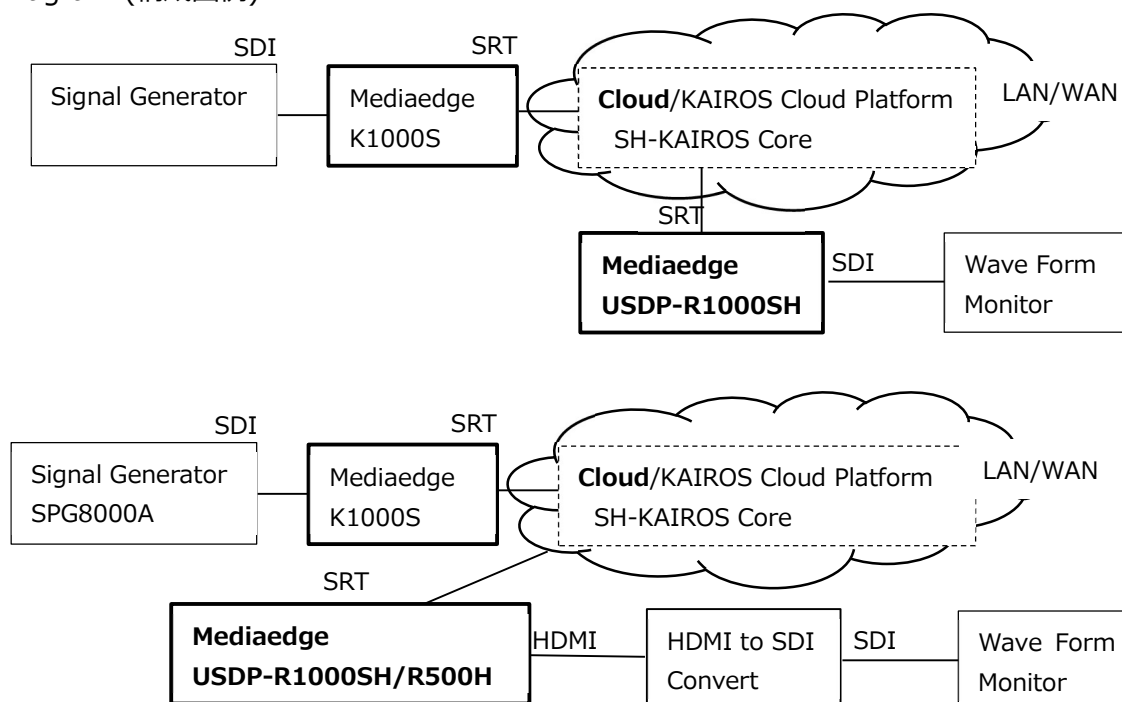
※Ver2.0.800 : Trial version to confirm Caller mode for KAIROS (*3).
(KAIROS で、Caller モードを確認するための試用版です。)

Pairing product for validation (検証用組合せ機器)

Vender name	Product name	Product Number	Interface	S/W Version
MEDIAEDGE	Encoder	K1000S	IN:SDI	Ver 4.6.2421

3. Validation environment (検証環境)

Block Diagram (構成図例)



Vender name	Equipment Name	S/W Version	Remarks
Panasonic	KAIROS Cloud Platform	Ver. 1.16	
Panasonic	KAIROS Creator	Ver. 1.1.55	

4. Validation items & results (検証項目 & 検証結果)

Confirmed Format: 1920x1080/59.94p, 59.94i

Function	Item	Test Result	Note
Video Specification (*1)	Level Vector	OK	Limited range BT.709
Audio Specification	Click noise	OK	1kHz Tone (*2)
Live streaming	Interconnectivity	OK	-

Note

(*1) Test pattern : BT.2111-1-HLG 75%

(*2) Encoder Bitrate :

Setting less than 64kbps, it appears click noise. 192kbps or more is recommended.
(64kbps 以下に設定するとブツ音が発生します。192kbps 以上を推奨します。)

5. Appendix (追加)

■ Multi network decoder/Player USDP-R1000S/H and UDSP-R500H Settings

[Setting for HDMI/SDI Video]

・ビデオ出力 : RGB 出力レンジ : select **[16-235]**

[Setting for SRT]

Listener mode: (srt://:[port]?mode=listener) [port]: Port No. : Port forwarded SW port

Caller Mode (*3) : Copy Stream ID from Streaming Player

(srt://[instance]sh.kairos-cloud.com:[port]?streamid=#!::t=stream,m=request,
u=[共通キー],r=173)

(srt:// [instance]sh.kairos-cloud.com:[port]?pbkeylen=16&passphrase=[passphrase]
&streamid=#!::t=stream,m=request,u=[共通キー],r=173)

pbkeylen -- 暗号化モード(0:None, 16=AES128, 24:AES192, 32:AES256)

No.173 : Refer to Stream ID of Stream List in Streaming player

Note

(*3) Caller mode for KAIROS will be released after Nov. '22.

(KAIROS での Caller モードは 2022 年 11 月以降のリリース予定です。)

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。)