

TECHNICAL SPECIFICATIONS OF ADVERTISING MATERIALS

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LINEAR TV *Type A (Addressable TV/HBB TV)*

ONLINE *Type I (Internet+DAI OTT)*

		video	
CONTAINER	MXF OP-1a or MOV (Quicktime)	MXF OP-1a or MOV (Quicktime)	MP4
CODEC	XDCAM HD422	XDCAM HD422	mp4, H.264 / AVC
STREAM	50 Mb/s (CBR)	50 Mb/s (CBR)	=> 10 mbit/s
DISPLAY SPEED	25 Frames/s (fps)	25 Frames/s (fps)	25 Frames/s (fps)
COLOR SUBSAMPLING	4:2:2	4:2:2	
IMAGE RESOLUTION (PIXELS)	1920x1080	1920x1080	1920x1080
ASPECT RATIO	16:9	16:9	16:9
SCAN TYPE	interlaced/top field first	interlaced/top field first	progressive or interlaced/top field first
COLOR SPACE	EBU R103	EBU R103	EBU R103
		audio	
TRACK ARRANGEMENT	2 (stereo) EBU R48: 2a	2 (stereo) EBU R48: 2a	2 (stereo) EBU R48: 2a
VOLUME	- 23LUFS (EBU R128 oraz ITU BS.1770-2)	- 23LUFS (EBU R128 oraz ITU BS.1770-2)	-23LUFS (EBU R128/ITU BS.1770-2)
FORMAT	PCM	PCM	AAC
SAMPLING RATE	48 kHz	48 kHz	48 kHz
SAMPLING RESOLUTION	16 lub 24 bit	16 lub 24 bit	
BITRATE AUDIO			at least 160kbit/s
Profile			High/Main
5 SECOND INTERVALS REQUIRED	YES	NO NOTE - If the spot is not a multiple of 5 sec., it will not be able to be used in DAI OTT	
VIDEO AND AUDIO IN A SINGLE FILE	YES	YES	YES
REQUIRED FULL-FRAME SPOTS	YES	YES	YES