

R&S® SFU-K226

ATSC and ATSC Mobile DTV

Stream Library

Specifications

The scope of ATSC and ATSC Mobile DTV stream ¹ applications depends on the R&S®SFx-K22 TRP player option of the R&S®SFx.

ATSC and ATSC Mobile DTV streams	sequences in line with ATSC A/153 TRP player (R&S®SFx-K22)	see description of option for details required for playout	
Transmission	parade configuration	depending on loaded stream	
	number of parades	up to 3 parades	
	number of groups	2, 3, 4, 8	
	RS parity bytes, primary	24, 36, 48	
	RS parity bytes, secondary	none, 48	
	SCCC mode	combined, separated	
	SCCC rate	½, ¼	
Signal set	M/H service configuration	depending on loaded stream	
	number of ensembles	up to 3 ensembles	
	video codec	AVC (ISO/IEC 14496-10)	
	frame rate	29.97 Hz, progressive	
	aspect ratio	16:9	
	video resolution	240 x 416	
	audio codec	AAC (ISO/IEC 14496-3)	
	sample rate	48 kHz	
	main service configuration	one service in all streams	
	video codec	MPEG-2 (ISO/IEC 13818)	
	aspect ratio	16:9	
	frame rate	29.97 Hz, interlaced	
	video resolution	1080 x 1920	
	audio codec	AC-3	
	sample rate	48 kHz	
	data rate	19.392658 Mbps	
	Stream support	R&S®SFU	full support of all streams
		R&S®SFE	full support of all streams
		R&S®SFE100	full support of all streams

¹ Further streams in preparation.



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R&S®SFU-K226 | PD 5214.3117.22 | Version 01.00

August 2009 | Data without tolerance limits is not binding

Subject to change | Printed in Germany (sk)

*0.14 €/min within German wireline network; rates may vary in other networks (wireline and mobile) and countries.