

# R&S®SFU-K225

## CMMB Stream Library

# Specifications

The scope of CMMB stream <sup>1</sup> applications depends on the R&S®SFx-K22 TRP player option of the R&S®SFx.

CMMB streams	sequences in line with CMMB-GYT220.2	see description of option for details
	TRP player (R&S®SFx-K22)	required for playout
Transmission	operating modes	depending on loaded stream
	frequency	754 MHz (precoded)
	channel bandwidth	8 MHz
	constellation	
	CLCH	BPSK
	SLCH	BPSK, QPSK, 16QAM
	FFT mode	4k
	LDPC code rate	1/2, 3/4
	Reed-Solomon	
	0	(240, 240)
	1	(240, 224)
	2	(240, 192)
	3	(240, 176)
	byte interleaver	1, 2, 3
scrambling mode	0, 1, 2	
Signal set	sequence content	depending on loaded stream
	structure	MFS, PMS <sup>2</sup>
	services	CLCH, ESG, video and audio
	encoding	
	video	H.264
	audio	AAC
	timeslot	
	CLCH	slot 0
	ESG	slot 1, slot 2
	number of services	up to 9 services (1 CLCH, 1 ESG, 7 video and audio)
	data rate	2 Mbps up to 5.3 Mbps
Stream support	R&S®SFU	full support of all CMMB streams
	R&S®SFE	full support of all CMMB streams
	R&S®SFE100	full support of all CMMB streams

<sup>1</sup> Further streams in preparation.

<sup>2</sup> PMS streams in preparation.



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