Milan Audio Stream Bandwidth Reservation

Example:
2Ch @ 48kHz

ETHERNET HEADER	42 octet	336bit
+		
AVTPDU HEADER	24 octet	192bit
+		
AUDIO PAYLOAD	channels x samples_per_pdu x bit_depth (4 octet)	2 x 6 x 32bit = 384bit
	samples_per_pdu: 48kHz: 6 I 96kHz: 12 I 192kHz: 24	
+		
SRP OCTET	1 octet Ethernet Clock uncertain	8bit
×		
Observation Interval	Class A: 125us	1/(125us) = 8000/s
=		
		7.360.000bit/s 7.36Mbit/s

48k	Channels per Stream	1	2	4	6	8
	Reserved Bandwidth (Mbit/s)	5.82	7.36	10.43	13.50	16.58
96k	Channels per Stream	1	2	4	6	8
	Reserved Bandwidth (Mbit/s)	7.36	10.43	16.58	22.72	28.86
192k	Channels per Stream	1	2	4	6	8
	Reserved Bandwidth (Mbit/s)	10.43	16.58	28.86	41.15	53.44

CRF: 5.63Mbit/s

1 octet = 8bit

IEEE 1722-2016 Sec. 7.3, IEEE 802.1Q-2011 Sec. 35.2.2.8.4; 35.2.4.2c)

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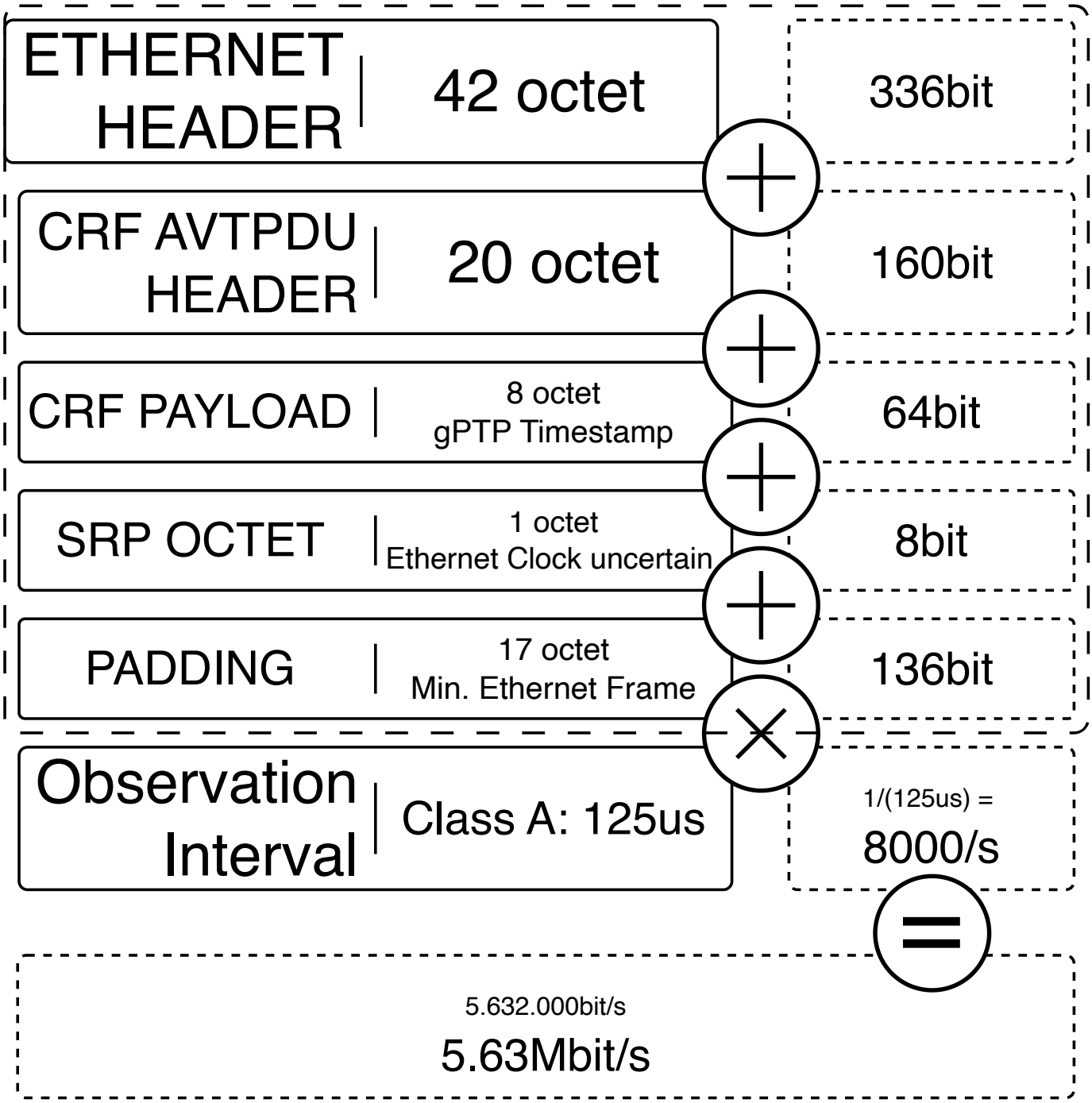
Milan CRF Stream Bandwidth Reservation



1 octet = 8bit

Milan v1.2 Sec. 7.3.2,
IEEE 1722-2016 Sec. 10, IEEE 802.1Q-2011 Sec. 35.2.2.8.4; 35.2.4.2c)

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