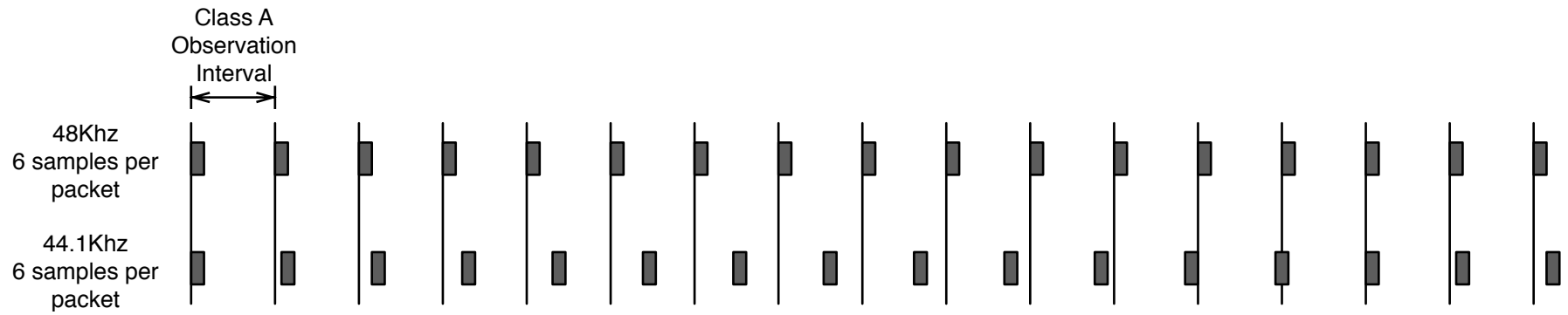


AVTP Audio Transmission Intervals

Dave Olsen
dave.olsen@harman.com

Transmission Intervals



125us Observation Interval (Class A)

Table 8.3. 125ms FQTSS Observation Interval

Audio Rate	Samples/Packet	Transmit Interval Value
8 kHz	1	125
16 kHz	2	125
32 kHz	4	125
44.1 kHz	6	136
48 kHz	6	125
88.2 kHz	12	136
96 kHz	12	125
176.4 kHz	23	130
192 kHz	24	125

250us Observation Interval (Class B)

Table 8.4. 250ms FQTSS Observation Interval

Audio Rate	Samples/Packet	Transmit Interval Value
8 kHz	2	250
16 kHz	4	250
32 kHz	8	250
44.1 kHz	12	272
48 kHz	12	250
88.2 kHz	23	260
96 kHz	24	250
176.4 kHz	45	255
192 kHz	48	250

500us Observation Interval

Table 8.5. 500ms FQTSS Observation Interval

Audio Rate	Samples/Packet	Transmit Interval Value
8 kHz	4	500
16 kHz	8	500
32 kHz	16	500
44.1 kHz	23	521
48 kHz	24	500
88.2 kHz	45	510
96 kHz	48	500
176.4 kHz	89	504
192 kHz	96	500

1000us Observation Interval

Table 8.6. 1000ms FQTSS Observation Interval

Audio Rate	Samples/Packet	Transmit Interval Value
8 kHz	8	1000
16 kHz	16	1000
32 kHz	32	1000
44.1 kHz	45	1020
48 kHz	48	1000
88.2 kHz	89	1009
96 kHz	96	1000
176.4 kHz	177	1003
192 kHz	192	1000

AVTP Audio Timing Interval

- Timing Interval defines how often a timestamp is sent with a packet
- Proposed range 1 – 8
- For Class A this mean 8khz-1khz clock updates