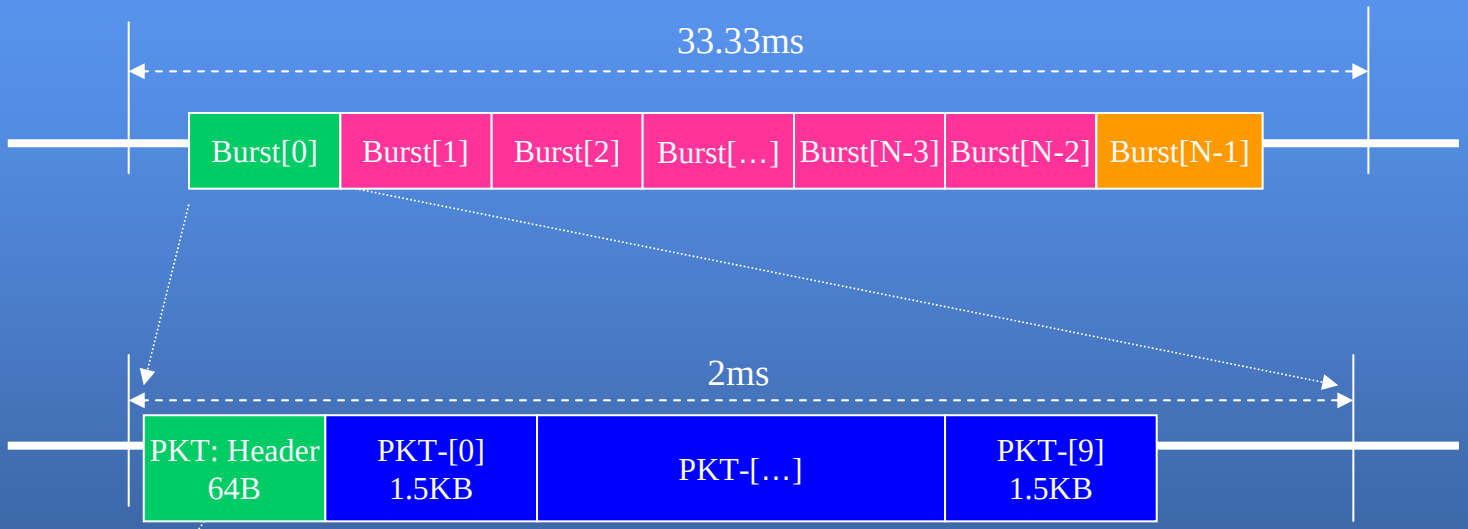
TF6xx Software TX Packetizing Timing for 30 frames per second

TF6xx Software TX Packetizing Timing for 30fps

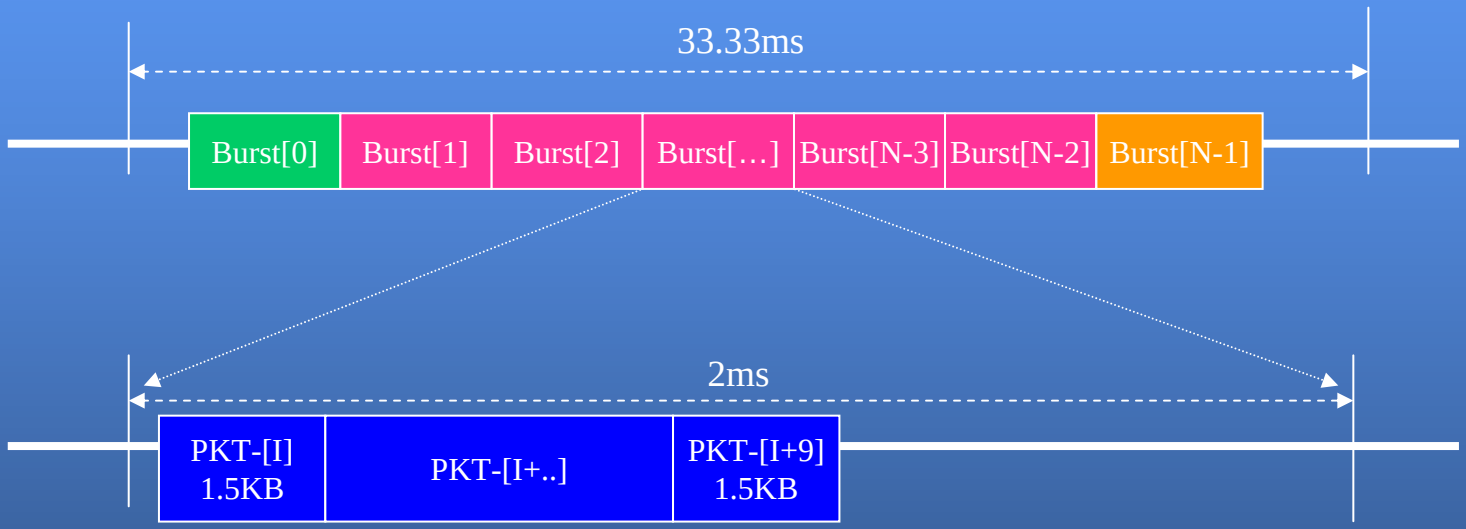


Burst Data Size = MIN{JpegFileSize/13, 15KB}

The data only contains JPEG header and padding with zero.

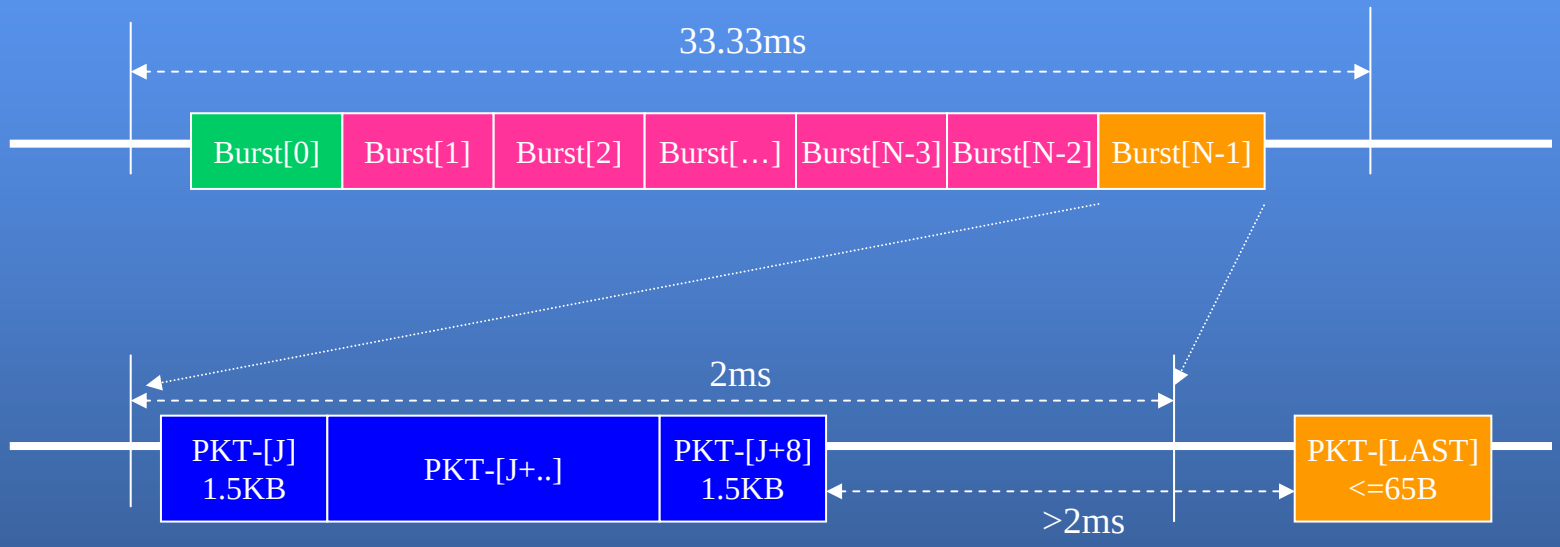
Note: Each frame must be transmitted out within 33.33ms and each burst maximum data size must be under 15K bytes.

TF6xx Software TX Packetizing Timing for 30fps

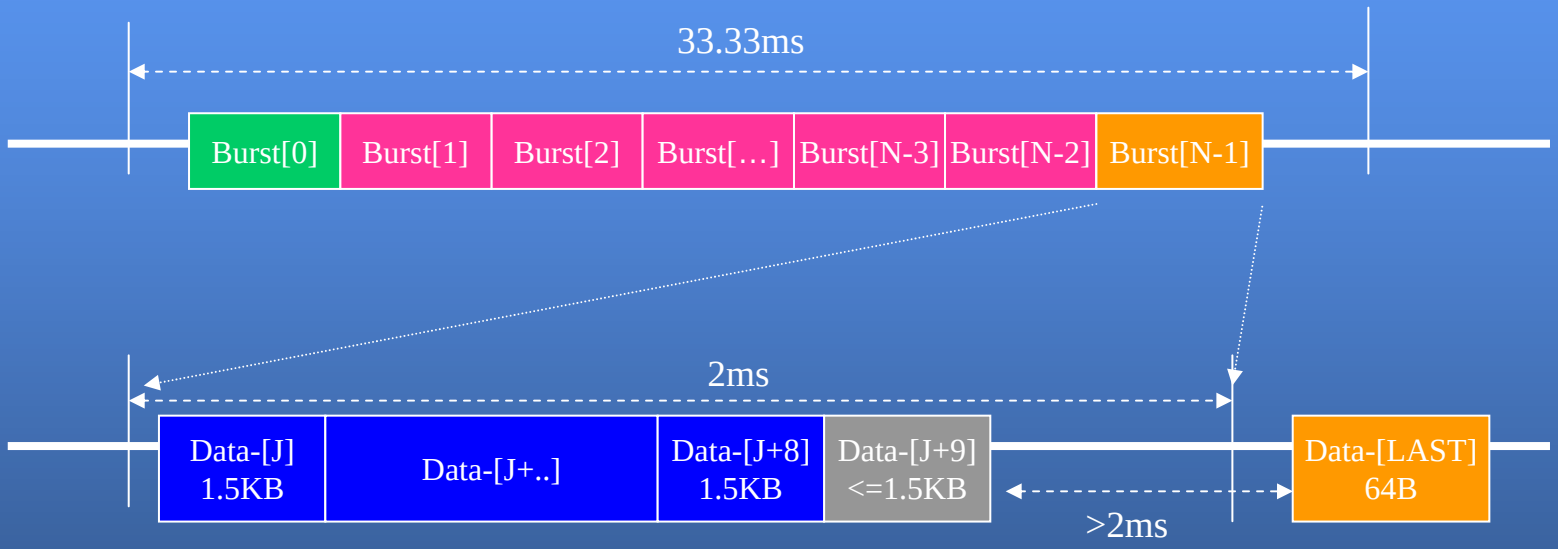


Burst Data Size = MIN{JpegFileSize/13, 15KB}

TF6xx Software TX Packetizing Timing for 30fps (Case-1: The latest packet size is not greater than 65 bytes)



TF6xx Software TX Packetizing Timing for 30fps (Case-2: The latest packet size is greater than 65 bytes)



If the latest packet size is greater than 65 bytes, then divide this packet into two new packets. One contains the rest JPEG data except the JPEG EOI marker “0xFF, 0xD9”. And the latest one contains only the JPEG EOI marker “0xFF, 0xD9” with ZERO padding to a 64-byte packet.