63 62	61 60 59 58 57 56 55 54 53 52 51 50 49 48	47 46 45 44 43 42 41 40 39 38 37 36 35 34 33 32 31 30 29 28 27 26 25 24 23	22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 0
0 1	Channel Tag [15:0]	0	Waveform Count [22:0] · 0
0	Event Length [22:0]	FT	Trigger Number [23:0]
Waveform Index [11:0]	DDR3 Start Address [25:0]	FT · Pre-Trigger Length [11:0]	Waveform Length [10:0]
0 1 · XADC · D · TS	Timestamp [20:0]		Waveform Index [22:12]
Waveform 1 ADC Data			
Waveform Index [11:0]	DDR3 Start Address [25:0]	FT · Pre-Trigger Length [11:0]	Waveform Length [10:0]
0 1 · XADC · D · TS	Timestamp [20:0]		Waveform Index [22:12]
Waveform 1 ADC Data			
…			
Waveform Index [11:0]	DDR3 Start Address [25:0]	FT · Pre-Trigger Length [11:0]	Waveform Length [10:0]
0 1 · XADC · D · TS	Timestamp [20:0]		Waveform Index [22:12]
Waveform 1 ADC Data			
Channel Checksum [127:64]			
Channel Checksum [63: 0]			
Data Integrity Check [31:0]		Data Transfer Time [31:0]	