

Maximum Achievable Clock and Data Rates

The following tables indicate the data rates attainable with two, four, and six 24 foot long research SAARs operating at the same time on an HP Pavilion PC (A1710n) with a dual-core processor (AMD Athlon 64 X2, 4200+, 2.20 GHz), 896 MB RAM, and a GeForce 6150 LE, 512 MB graphics card. For data rates attainable with other PC and / or SAA configurations, please contact **Measurand**

1. Two SAAs in 3-D Mode

Baud Rate (Kbps)	Hardware Triggered (Hz)	Addressing Mode (Hz)
38.4 (default)	45	40
57.6	78	52
115.2	135	75
230.4	160	94

2. Two SAAs in 2-D Mode

Baud Rate (Kbps)	Hardware Triggered (Hz)	Addressing Mode (Hz)
38.4 (default)	45	49
57.6	78	67
115.2	135	110
230.4	200	155

3. Four SAAs in 3-D Mode

Baud Rate (Kbps)	Hardware Triggered (Hz)	Addressing Mode (Hz)
38.4 (default)	45	33
57.6	75	42
115.2	90	54
230.4	90	64

4. Four SAAs in 2-D Mode

Baud Rate (Kbps)	Hardware Triggered (Hz)	Addressing Mode (Hz)
38.4 (default)	45	47
57.6	78	64
115.2	135	100
230.4	200	135

5. Six SAAs in 3-D Mode

Baud Rate (Kbps)	Hardware Triggered (Hz)	Addressing Mode (Hz)
38.4 (default)	40	28.5
57.6	60	33
115.2	60	42
230.4	60	47

6. Six SAAs in 2-D Mode

Baud Rate (Kbps)	Hardware Triggered (Hz)	Addressing Mode (Hz)
38.4 (default)	45	43
57.6	75	58
115.2	130	87
230.4	200	113