

Correlated Noise Data Sheet

1.5T System Correlated Noise

| Image Data | | | | | | | | Acceptance Guidelines | | |
|----------------|---------------------|----------|-----------------|-------------------|---------------------------------|------------------------------|---------------------|--------------------------|---|------------------------------------|
| Image R1=11 | System Frequency | Mean (X) | STD DEV (SD) | Hot Pixel (P/) | Hot Pixel Location (L, P) | Zipper Peak Pixel (Pz) | Zipper Mean (Xz) | Pixels (P/) | Zippers (Pz) or (Xz) | |
| | | | | | | | | $P / \leq [(X) + 8(SD)]$ | $(X) - 6(SD)] \leq Pz \leq [(X) + 6(SD)]$ | $[(X) - 3] \leq Xz \leq [(X) + 3]$ |
| 1 | 63,764,000 | | | | | | | | | |
| 2 | 63,789,000 | | | | | | | | | |
| 3 | 63,814,000 | | | | | | | | | |
| 4 | 63,839,000 | | | | | | | | | |
| 5 | 63,864,000 | | | | | | | | | |
| 6 | 63,889,000 | | | | | | | | | |
| 7 | 63,914,000 | | | | | | | | | |
| 8 | 63,939,000 | | | | | | | | | |
| 9 | 63,964,000 | | | | | | | | | |
| R1=7 | Frequency | (X) | (SD) | (P/) | (L, P) | (Pz) | (Xz) | Pixels (P/) | Zippers (Pz) or (Xz) | |
| 10 | 63,764,000 | | | | | | | | | |
| 11 | 63,789,000 | | | | | | | | | |
| 12 | 63,814,000 | | | | | | | | | |
| 13 | 63,839,000 | | | | | | | | | |
| 14 | 63,864,000 | | | | | | | | | |
| 15 | 63,889,000 | | | | | | | | | |
| 16 | 63,914,000 | | | | | | | | | |
| 17 | 63,939,000 | | | | | | | | | |
| 18 | 63,964,000 | | | | | | | | | |
| R1 | Freq (note) | (X) | (SD) | (P/) | (L, P) | (Pz) | (Xz) | Pixels (P/) | Zippers (Pz) or (Xz) | |
| 11 | | | | | | | | | | |
| 7 | | | | | | | | | | |

Note: System frequency is set to magnet frequency for the matrix scans.

Correlated Noise Data Sheet

3.0T System Correlated Noise

| Image Data | | | | | | | | Acceptance Guidelines | | |
|----------------|---------------------|----------|-----------------|-------------------|---------------------------------|------------------------------|---------------------|--------------------------|---|------------------------------------|
| Image R1=11 | System Frequency | Mean (X) | STD DEV (SD) | Hot Pixel (P/) | Hot Pixel Location (L, P) | Zipper Peak Pixel (Pz) | Zipper Mean (Xz) | Pixels (P/) | Zippers (Pz) or (Xz) | |
| | | | | | | | | $P / \leq [(X) + 8(SD)]$ | $(X) - 6(SD)] \leq Pz \leq [(X) + 6(SD)]$ | $[(X) - 3] \leq Xz \leq [(X) + 3]$ |
| 1 | 127,653,000 | | | | | | | | | |
| 2 | 127,678,000 | | | | | | | | | |
| 3 | 127,703,000 | | | | | | | | | |
| 4 | 127,728,000 | | | | | | | | | |
| 5 | 127,753,000 | | | | | | | | | |
| 6 | 127,778,000 | | | | | | | | | |
| 7 | 127,803,000 | | | | | | | | | |
| 8 | 127,828,000 | | | | | | | | | |
| 9 | 127,853,000 | | | | | | | | | |
| R1=7 | Frequency | (X) | (SD) | (P/) | (L, P) | (Pz) | (Xz) | Pixels (P/) | Zippers (Pz) or (Xz) | |
| 10 | 127,653,000 | | | | | | | | | |
| 11 | 127,678,000 | | | | | | | | | |
| 12 | 127,703,000 | | | | | | | | | |
| 13 | 127,728,000 | | | | | | | | | |
| 14 | 127,753,000 | | | | | | | | | |
| 15 | 127,778,000 | | | | | | | | | |
| 16 | 127,803,000 | | | | | | | | | |
| 17 | 127,828,000 | | | | | | | | | |
| 18 | 127,853,000 | | | | | | | | | |
| R1 | Freq (note) | (X) | (SD) | (P/) | (L, P) | (Pz) | (Xz) | Pixels (P/) | Zippers (Pz) or (Xz) | |
| 11 | | | | | | | | | | |
| 7 | | | | | | | | | | |

Note: System frequency is set to magnet frequency for the matrix scans.