* Noise:

|  |  |  |
| --- | --- | --- |
| IC | MAX2082 | AFE5809 |
| ADC SNR | 68 dBFS SNR at 50 MSPS | 77 dBFS SNR at 65 MSPS |
| ADC noise floor | 42nV/rHz |  |
| Total output noise of the receiver | Low gains: 50nV/rHz  High gains: Upto 110nV/rHz |  |
| LNA performance |  |  |
| Power | Better | Okay |
| Area | Better | Okay |