

## LNBF Comparison Results

Location: Murphy, NC  
Dish: GEOSATpro 90cm  
Satellite: 87W Ku

Date: 09/28/2012  
Time: 19:00 UTC  
Conditions: Clear / 74F

| PLL322S-2 | Orbit | Transponder Frequency | Polarity | Symbol Rate | Sig. Qual.<br>microHD | dBμV | CNR   |
|-----------|-------|-----------------------|----------|-------------|-----------------------|------|-------|
|           | 87W   | 11717                 | H        | 4856        | 71                    | 85   | 16.5  |
|           |       | 11724                 | H        | 3675        | 71                    | 72   | 16.5  |
|           |       | 11807                 | H        | 111149      | 75                    | 69   | 15.5  |
|           |       | 11960                 | H        | 29270       | 75                    | 48   | 14.4  |
|           |       | 11737                 | V        | 8333        | 71                    | 71   | 16.5  |
| Average   |       |                       |          |             | 72.6                  | 69   | 15.88 |
|           |       |                       |          |             |                       |      |       |
| SL1PLL    | 87W   | 11717                 | H        | 4856        | 71                    | 91   | 16.65 |
|           |       | 11724                 | H        | 3675        | 72                    | 84   | 15.15 |
|           |       | 11807                 | H        | 111149      | 77                    | 76   | 14.4  |
|           |       | 11960                 | H        | 29270       | 75                    | 63   | 12.3  |
|           |       | 11737                 | V        | 8333        | 78                    | 84   | 15.3  |
| Average   |       |                       |          |             | 74.6                  | 79.6 | 14.76 |
|           |       |                       |          |             |                       |      |       |
| PLL321S-2 | 87W   | 11717                 | H        | 4856        | 71                    | 90   | 16.5  |
|           |       | 11724                 | H        | 3675        | 71                    | 74   | 14.25 |
|           |       | 11807                 | H        | 111149      | 76                    | 67   | 13.05 |
|           |       | 11960                 | H        | 29270       | 72                    | 53   | 11.1  |
|           |       | 11737                 | V        | 8333        | 75                    | 82   | 15.15 |
| Average   |       |                       |          |             | 73                    | 73.2 | 14.01 |

Last Updated: 09.29.2012

By: Michael Graves, KE4EST