

## Radar HF - Task #1147

Milestone # 1034 (Closed): Instalación de Estaciones de TX

Task # 1146 (Closed): Instalación de Estación de TX Ica

## Prueba de PA Tx + ARR

10/12/2017 07:21 PM - Josemaría Gómez

|  |                 |                        |                              |
|--|-----------------|------------------------|------------------------------|
| <b>Status:</b>   | Closed          | <b>Start date:</b>     | 11/14/2017                   |
| <b>Priority:</b>   | Inmediate       | <b>Due date:</b>       | 11/22/2017                   |
| <b>Assignee:</b>   | Josemaría Gómez | <b>% Done:</b>         | 100%                         |
| <b>Category:</b>   |                 | <b>Estimated time:</b> | 8.00 hours                   |
| <b>Target version:</b>   |                 | <b>Spent time:</b>     | 16.00 hours                  |
| <b>Description</b>   |                 |                        |                              |
| Debido a la falta de potencia de probó el PA, con una señal de entrada mayor, amplificada por un preamp ARR. |                 |                        |                              |
| USRP --> ARR --> PA --> Feedline --> Antena  |                 |                        |                              |
| --> +22dB --> +11dB -> -1 db -->   |                 |                        |                              |
| -1dBm -----> 21dBm -----> 30-31dBm   |                 |                        |                              |
| <b>Related issues:</b>   |                 |                        |                              |
| Follows Task #1148: Caracterizacion de Amp. Viejos   |                 | <b>Closed</b>          | <b>11/13/2017 11/13/2017</b> |
| Precedes Task #1157: Viaje a Ica   |                 | <b>Closed</b>          | <b>11/23/2017 11/30/2017</b> |

## History

### #1 - 10/12/2017 07:23 PM - Josemaría Gómez

Conclusiones:

La salida es alrededor de 1 Watt.

Podría faltar mayor preamplificación para llegar a 35-36dBm.(Deseado 4 Watts)

Se buscaran otros amps. que reemplazen a los ARR.

### #2 - 10/12/2017 07:32 PM - Josemaría Gómez

- Parent task set to #1034

### #3 - 10/16/2017 08:28 PM - Ramiro Yanque

- Due date changed from 10/10/2017 to 10/17/2017

- Parent task changed from #1034 to #1146

### #4 - 10/16/2017 08:32 PM - Ramiro Yanque

- % Done changed from 100 to 90

### #5 - 10/16/2017 09:11 PM - Ramiro Yanque

- Due date changed from 10/17/2017 to 10/31/2017

- Start date changed from 10/09/2017 to 10/23/2017

### #6 - 10/16/2017 09:12 PM - Ramiro Yanque

- % Done changed from 90 to 50

### #7 - 10/16/2017 09:14 PM - Ramiro Yanque

- Start date changed from 10/23/2017 to 10/20/2017

**#9 - 12/01/2017 09:55 PM - Ramiro Yanque**

- Due date changed from 12/05/2017 to 11/22/2017

- Start date changed from 11/27/2017 to 11/14/2017

- Follows Task #1148: Caracterizacion de Amp. Viejos added

**#10 - 12/01/2017 09:57 PM - Ramiro Yanque**

- Precedes Task #1157: Viaje a Ica added

**#11 - 12/01/2017 10:01 PM - Ramiro Yanque**

- % Done changed from 50 to 100

**#12 - 12/01/2017 11:24 PM - Ramiro Yanque**

- Status changed from New to Resolved

**#13 - 05/14/2018 09:07 PM - Ramiro Yanque**

- Status changed from Resolved to Closed