

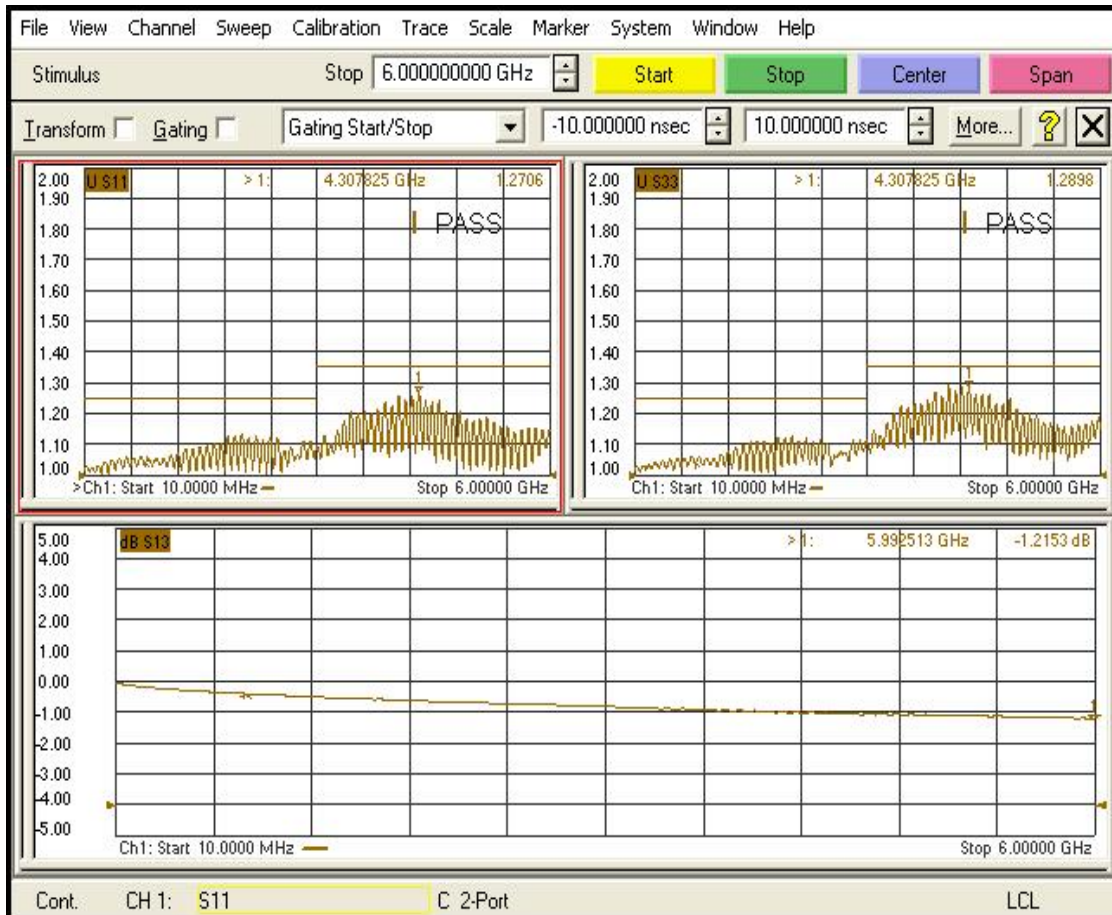
# 3190-3009 TC-402-4195M-LP



|                            | Materials                                 | Plating | Thickness                |
|----------------------------|---|---------|--------------------------|
| <b>Body</b>                | Brass                                     | Albaloy | 2 $\mu$ m (80 $\mu$ "")  |
| <b>Center Pin</b>          | Brass                                     | Silver  | 5 $\mu$ m (200 $\mu$ "") |
| <b>Insulator</b>           | PTFE                                      | -       | -                        |
| <b>Gasket</b>              | Silicone Rubber                           | -       | -                        |
| <b>Impedance</b>           | 50ohm                                     |         |                          |
| <b>Frequency</b>           | DC-6GHz                                   |         |                          |
| <b>VSWR</b>                | 1.25(TYP.) below 3GHz; 1.30(TYP.) @3-6GHz |         |                          |
| <b>Insertion Loss</b>      | 0.05x $\sqrt{F}$ (GHz)                    |         |                          |
| <b>3rd Intermodulation</b> | -160dBc @2x20W                            |         |                          |
| <b>IP Rating</b>           | IP67(mated)                               |         |                          |
| <b>Standard</b>            | Compatible with IEC 60169-11 / DIN 47231  |         |                          |

## Test Curve

\*Based on 3 feet TFT-402 cable assembly terminated with referenced connector on each end.



PIM Test

Date: 2017/10/14



Time: 17:11

Passive IM Test Results

Description

Model Number

TFT40241M41M1.00M

Serial Number

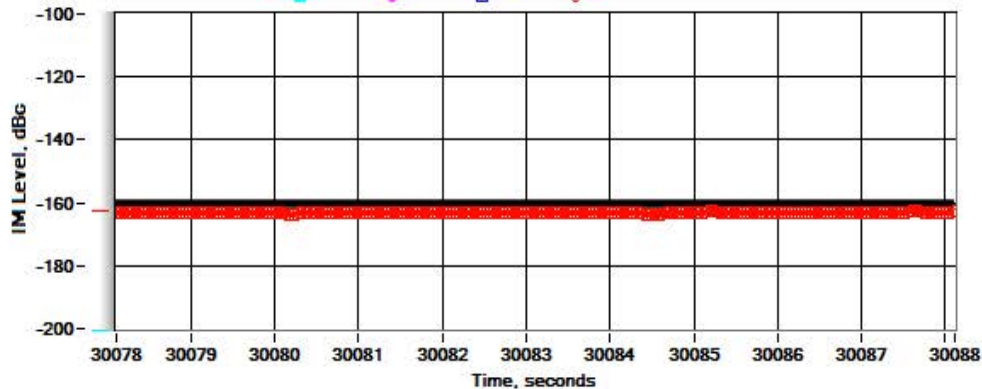
Operator

Carrier Status

| AL Cis on | Frequency  | Measured Power | Requested Power | Offset |
|-----------|------------|----------------|-----------------|--------|
| CARRIER 1 | 1805.0 MHz | 42.9 dBm       | 43.00           | 0.0 dB |
| CARRIER 2 | 1880.0 MHz | 43.0 dBm       | 43.00           | 0.0 dB |

Passive IM Response

|                 |         |         |         |         |            |
|-----------------|---------|---------|---------|---------|------------|
| Order:          | 0       | 0       | 0       | 3       |            |
| Magnitude:      | -999.00 | -999.00 | -999.00 | -162.40 |            |
| Peak Magnitude: | -999.00 | -999.00 | -999.00 | -162.00 |            |
| Frequency:      | 0.0     | 0.0     | 0.0     | 1730.0  | dBc<br>MHz |



PORT 1 REVERSE IM