

|                                     |                      |                                    |                      |   |                      |                      |                      |                              |                      |
|-------------------------------------|----------------------|------------------------------------|----------------------|---|----------------------|----------------------|----------------------|------------------------------|----------------------|
| <b>AMP-661LDMOS<br/>TEST REPORT</b> |                      | <b>DATE OF TEST:</b><br>12/01/2012 |                      | <input checked="" type="checkbox"/> <b>ANALOG SIGNAL</b> 43Vdc ± 2%<br>Idq=1,4+1,4A |                      |                      |                      | <b>VISUAL<br/>INSPECTION</b> |                      |
|                                     |                      | <b>TEST ENGINEER:</b><br>ANDREA M. |                      | <input type="checkbox"/> <b>DVB-T SIGNAL</b> 43Vdc ± 2% Idq=1,4+1,4A                |                      |                      |                      |                              |                      |
| <b>Center Freq.</b>                 | <b>474<br/>(MHz)</b> | <b>522<br/>(MHz)</b>               | <b>570<br/>(MHz)</b> | <b>618<br/>(MHz)</b>  | <b>666<br/>(MHz)</b> | <b>714<br/>(MHz)</b> | <b>762<br/>(MHz)</b> | <b>810<br/>(MHz)</b>         | <b>858<br/>(MHz)</b> |
| Gain (dB)                           | 17,6                 | 18,1                               | 18,0                 | 17,8  | 17,6                 | 17,9                 | 18,2                 | 18,3                         | 17,6                 |
| Phase (deg)                         | -137,6               | 155,6                              | 92,2                 | 31,7  | -27,0                | -86,4                | -150,2               | 141,8                        | 66,5                 |
| SHOULDER<br>(dBC) @ 140W<br>DVB-T   | -32,5                | -33,4                              | -33,0                | -34,5   | -37,2                | -35,1                | -30,8                | -31,3                        | -31,4                |
| I (A) @ 140W<br>DVB-T               | 13,6                 | 14,4                               | 15,6                 | 14,6  | 12,8                 | 11,5                 | 11,3                 | 12,2                         | 13,5                 |