

**SUMMARY TEST DATA  
ON  
FD-30M-6M-1515**

Customer: \_\_\_\_\_  
SO No: \_\_\_\_\_  
Model No: FD-30M-6M-1515  
Serial No: PL52694/2517

Tested By: K. Mansfield  
Temperature: +25° C  
Date: 4/25/2025  
Drawing No: 27615964 Rev: A3

| TEST<br>ITEM NO. | PARAMETERS                    | SPECIFIED VALUE                            | TEST RESULTS                    | QA<br>QC   |
|------------------|-------------------------------|--------------------------------------------|---------------------------------|------------|
| 1                | Center Frequency:             | 30 MHz                                     | 30 MHz                          | PMI<br>QA4 |
| 2                | Peak to Peak<br>Bandwidth:    | 10 MHz Min.                                | 10 MHz                          |            |
| 3                | Linear Bandwidth:             | 6 MHz Min.                                 | 6 MHz Min.                      |            |
| 4                | Sensitivity:<br>(50 Ohm Load) | 1000 mV / MHz $\pm 5\%$                    | 1075.1 mV / MHz                 |            |
| 5                | Linearity:                    | $\pm 5\%$ Max.                             | $\pm 2.6\%$                     |            |
| 6                | Input VSWR:                   | 2.0:1 Max.                                 | 1.04:1<br>See Plot              |            |
| 7                | Input Dynamic Range:          | -10 to 0 dBm Min.                          | -10 to 0 dBm                    |            |
| 8                | Rise Time:                    | 120 ns Max.                                | See Typical Characteristics     |            |
| 9                | DC Supply:                    | +15 V @ 200 mA Max.<br>-15 V @ 100 mA Max. | +15 V @ 192 mA<br>-15 V @ 48 mA |            |

QA/QC Approval: \_\_\_\_\_

*Cammy Kelly*

Date: 4/25/25

