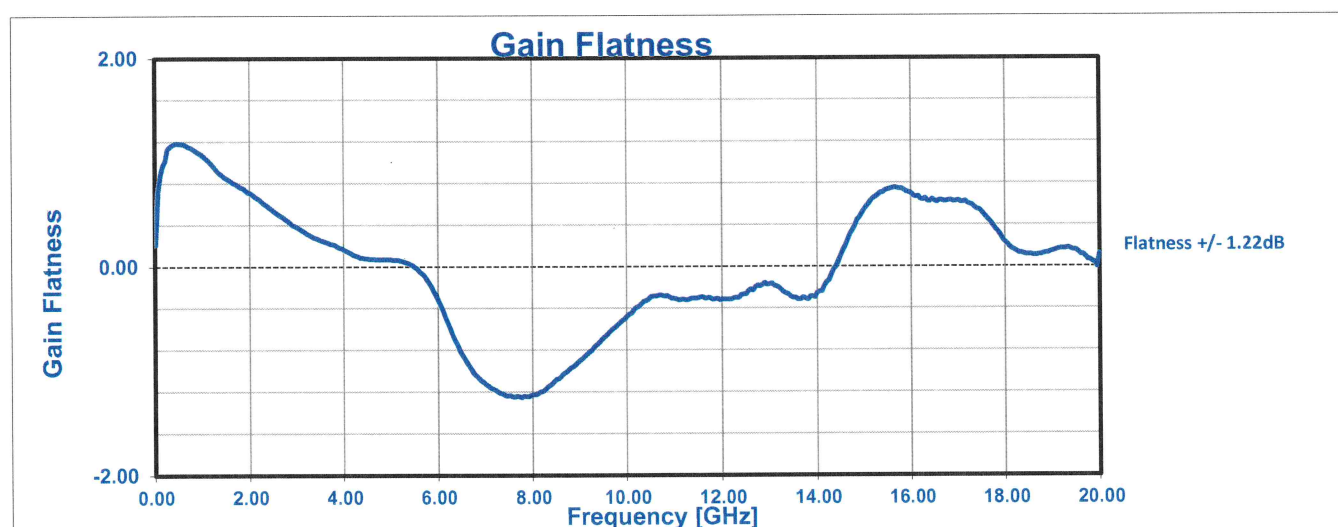
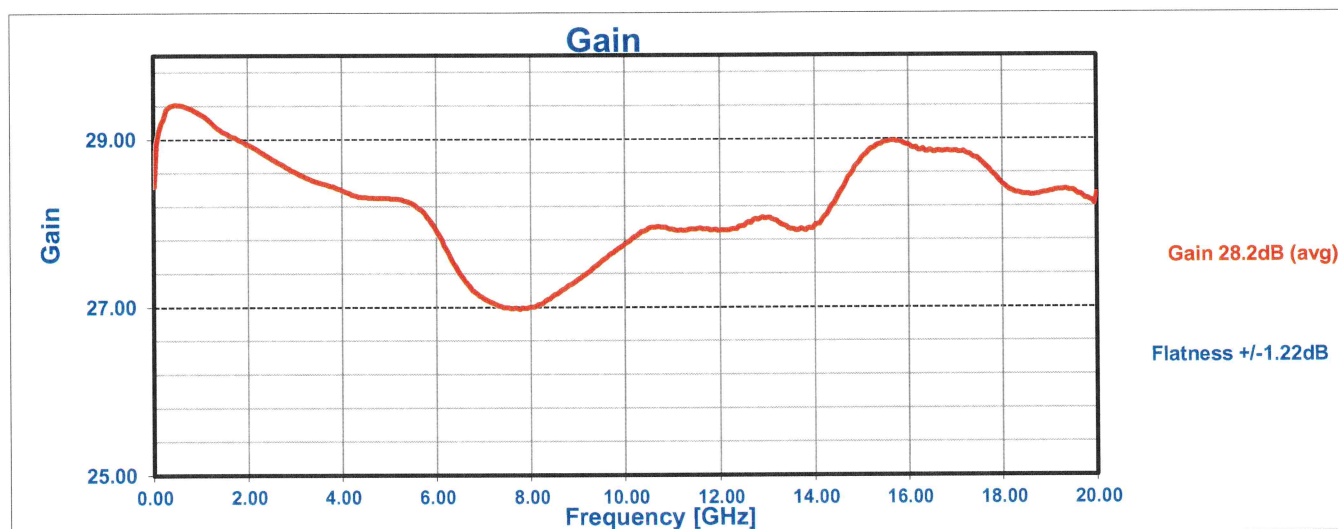


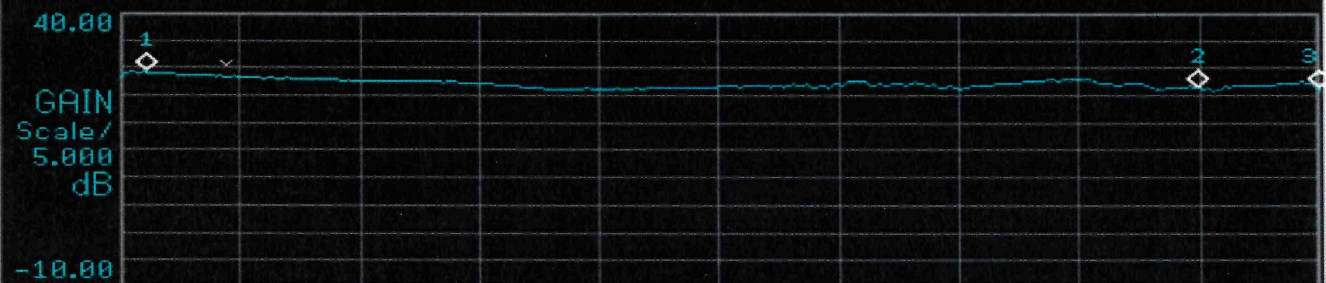
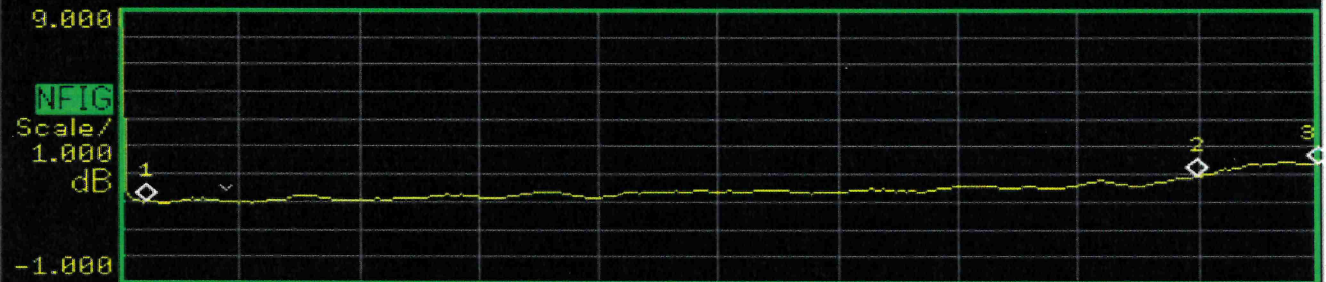




Agilent 09:42:04 Mar 14, 2025

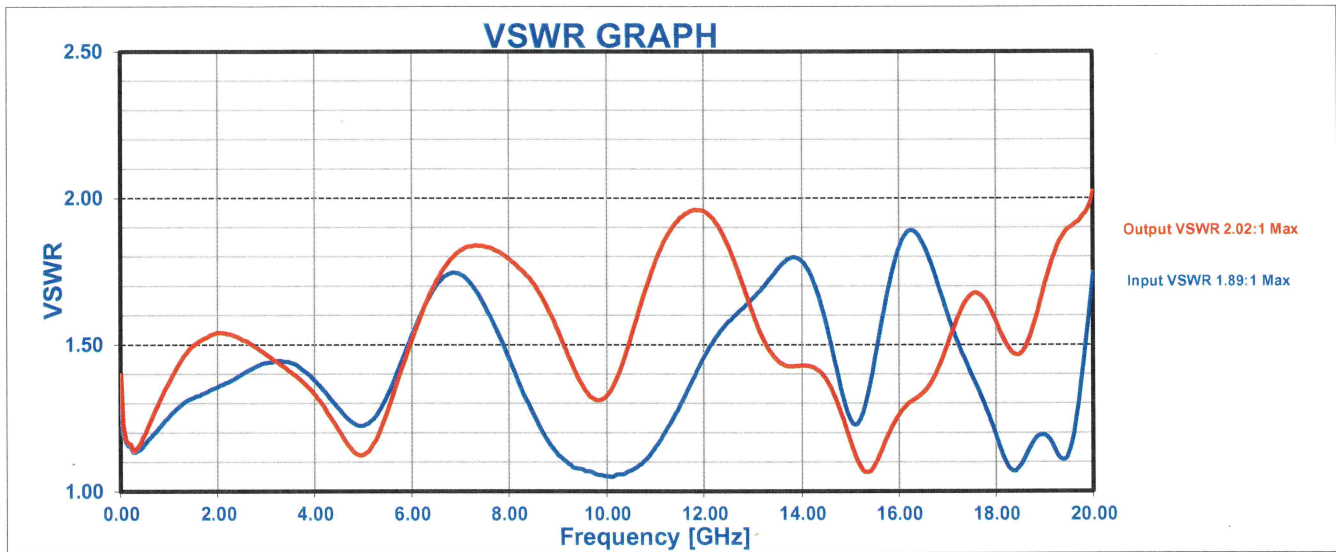
**Noise Figure 10MHz to 20GHz**

|      |         |          |           |
|------|---------|----------|-----------|
| Mkr1 | 500 MHz | 1.963 dB | 29.272 dB |
| Mkr2 | 18 GHz  | 2.908 dB | 26.467 dB |
| Mkr3 | 20 GHz  | 3.345 dB | 26.305 dB |

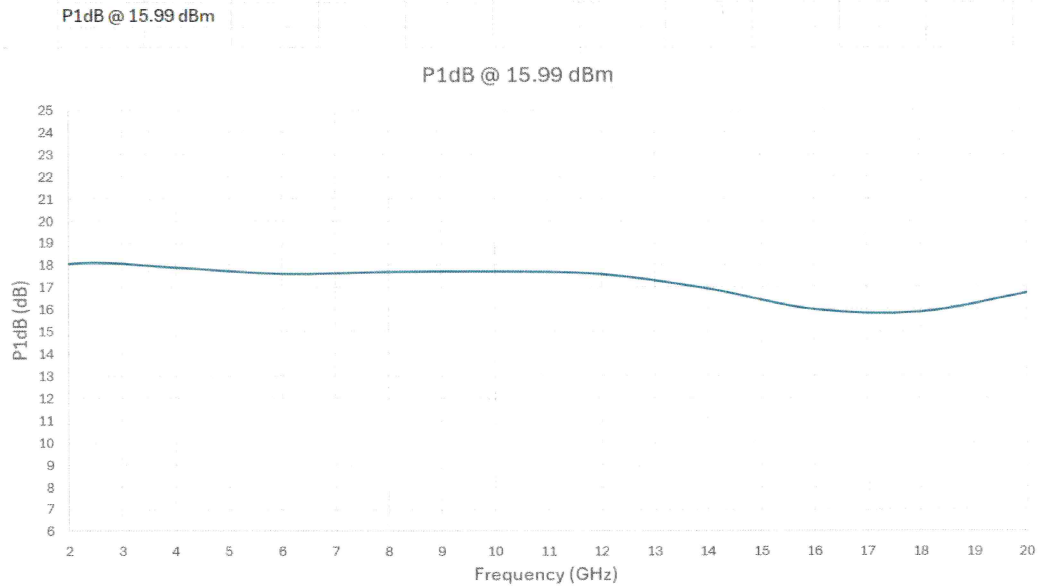


Start 10.00 MHz BW 4 MHz Points 200 Stop 20.000000 GHz  
Tcold 299.27 K Avgs Off Att 10/0 dB Loss Off Corr

**SUMMARY TEST DATA  
ON  
PEC-30-10M20-SFF**



| Freq | P1dB  | Psat    |
|------|-------|---------|
| GHz  | dBm   | dBm     |
| 0.01 | 16.81 | 17.90   |
| 2    | 18.07 | 18.90   |
| 4    | 17.90 | 18.42   |
| 6    | 17.61 | 18.27   |
| 8    | 17.70 | 18.52   |
| 10   | 17.71 | 18.38   |
| 12   | 17.59 | 18.04   |
| 14   | 16.94 | 17.37   |
| 16   | 15.99 | 16.60   |
| 18   | 15.87 | 16.4369 |
| 20   | 16.73 | 17.6168 |



**SUMMARY TEST DATA  
ON  
PEC-30-10M20-SFF**

Psat @ 16.6 dBm

