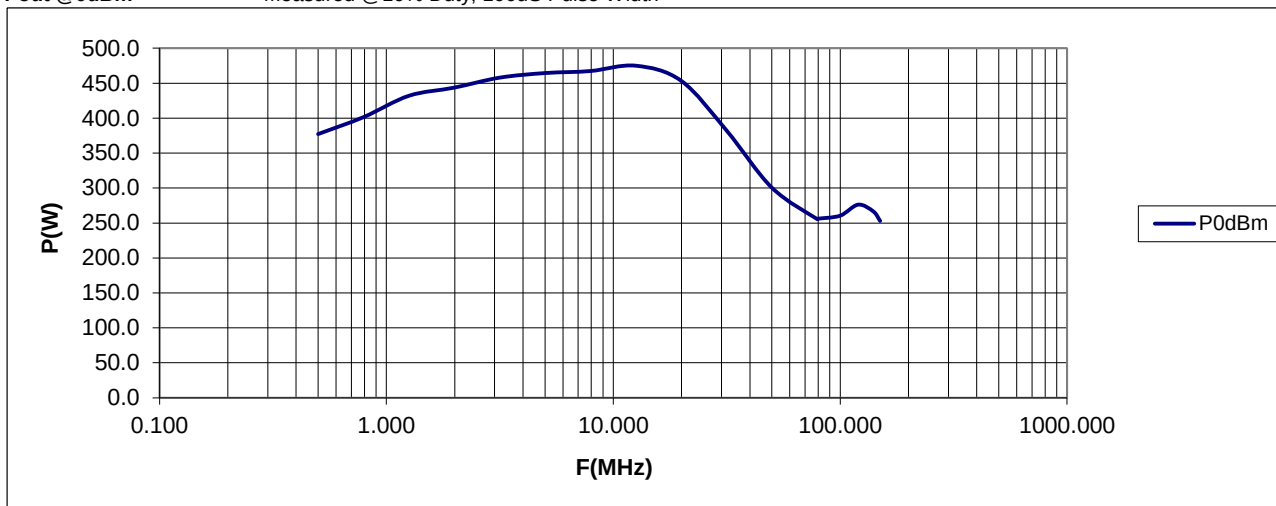




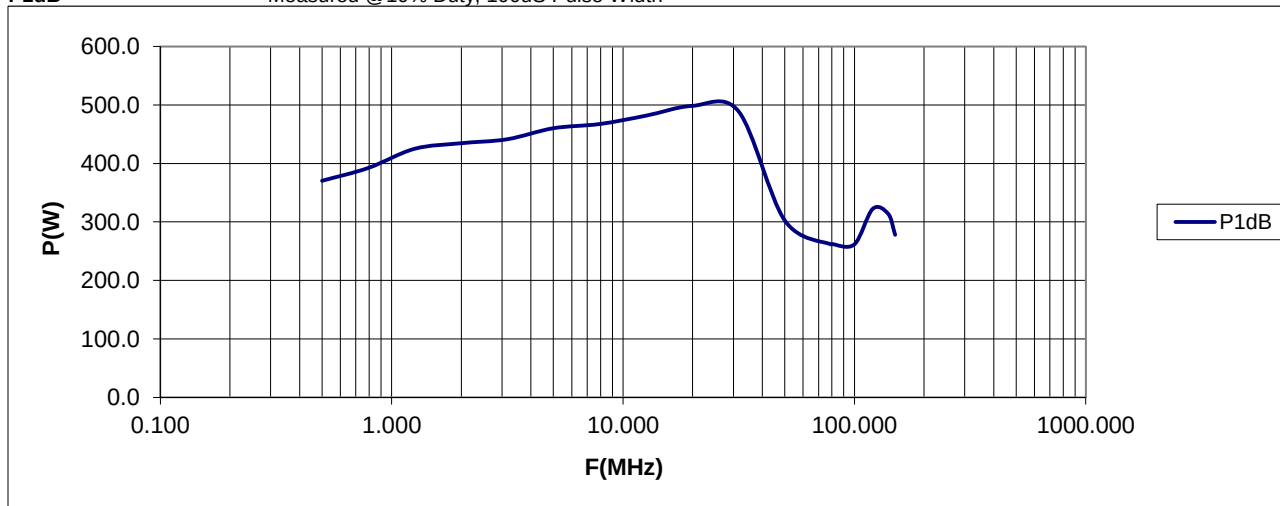
## RF Amplifier Factory Performance Certificate

|       |                  |            |       |      |          |      |          |
|-------|------------------|------------|-------|------|----------|------|----------|
| Model | BTM00250-AlphaSA | Serial No. | 20487 | Date | 3-Mar-17 | Time | 11:56 AM |
|-------|------------------|------------|-------|------|----------|------|----------|

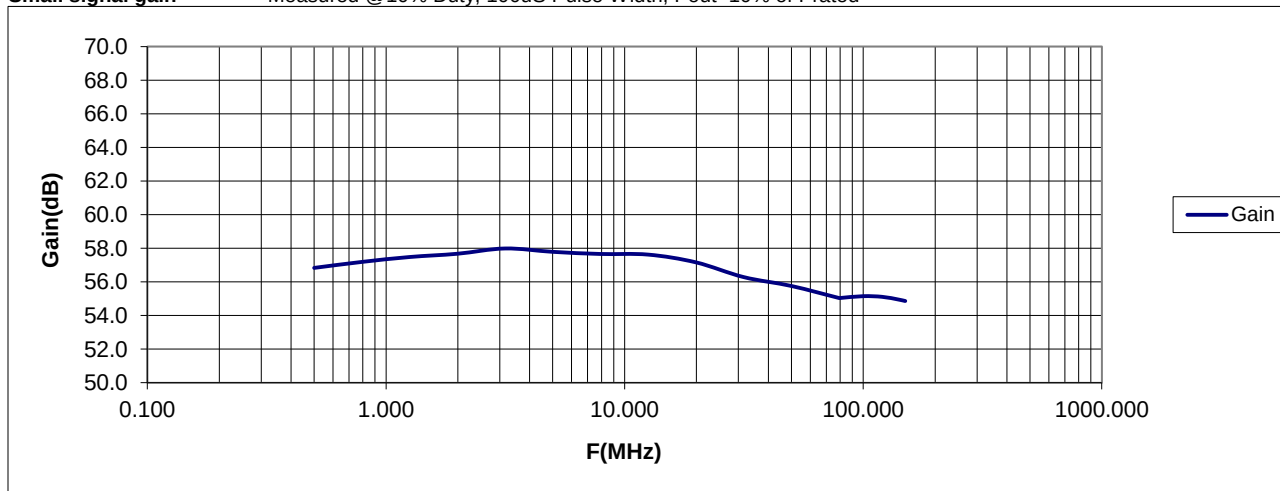
**Pout @0dBm** Measured @10% Duty, 100uS Pulse Width



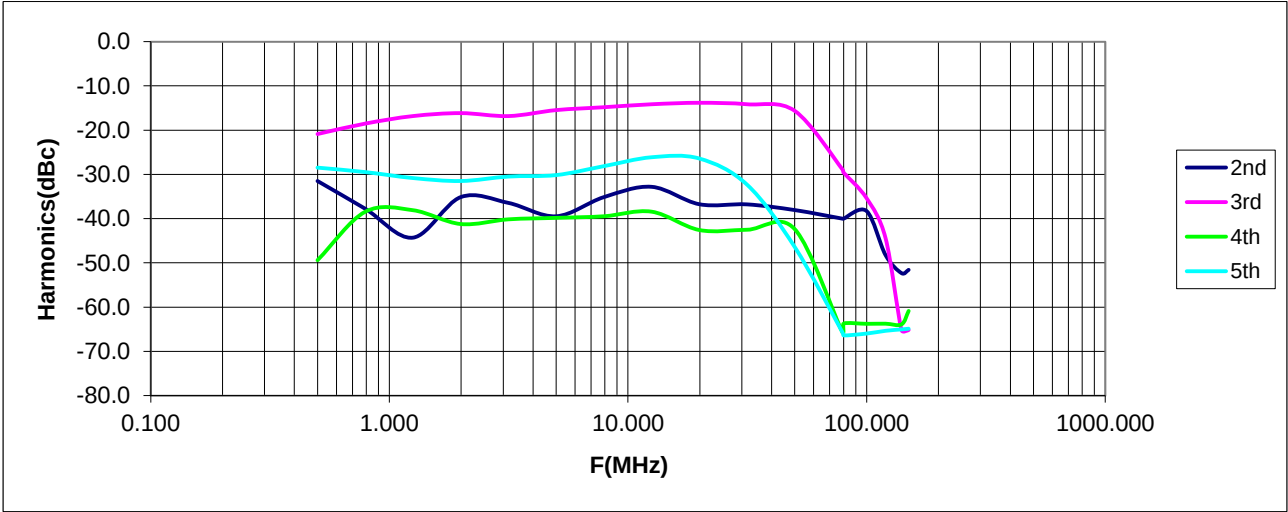
**P1dB** Measured @10% Duty, 100uS Pulse Width



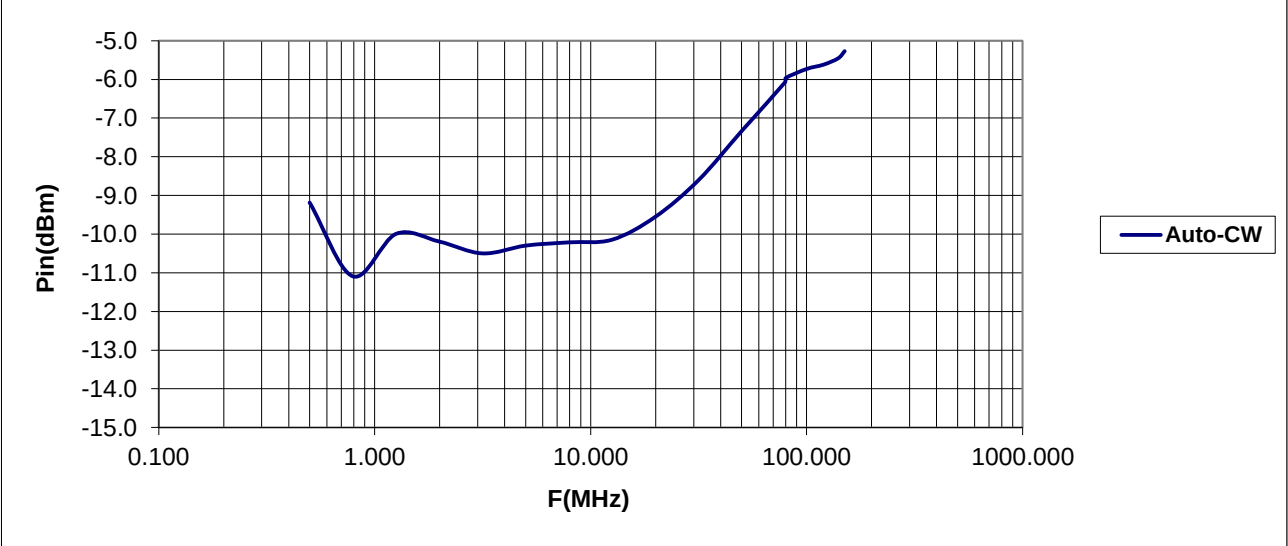
**Small signal gain** Measured @10% Duty, 100uS Pulse Width, Pout=10% of Prated



Harmonics Measured @ Pout = P1dB spec.



Input Power (dBm) for 50W Out in CW mode



|                                   |    |
|-----------------------------------|----|
| 10uS Pulse Visually OK            | OK |
| Overduty Shutdown at max duty*1.2 | OK |
| No Shutdown at max duty*1.02      | OK |