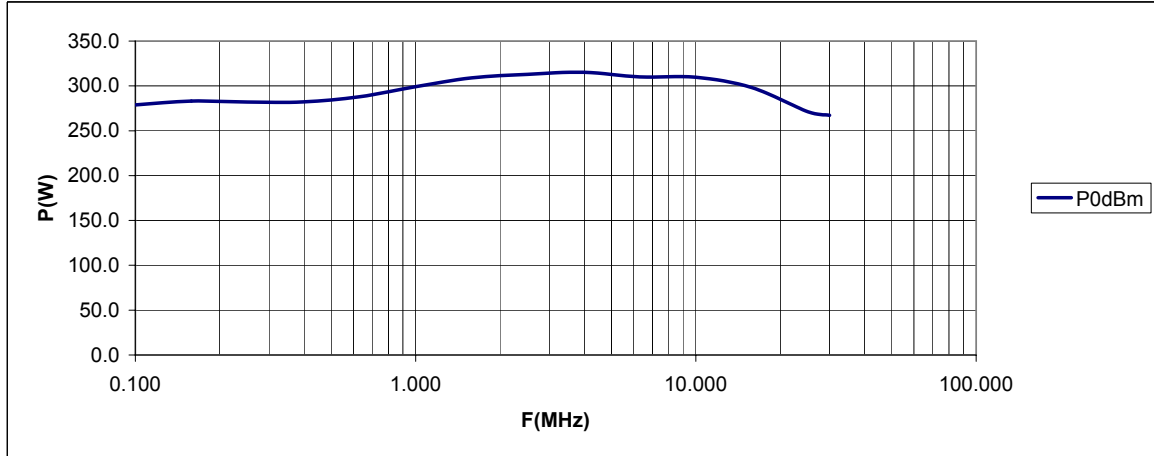




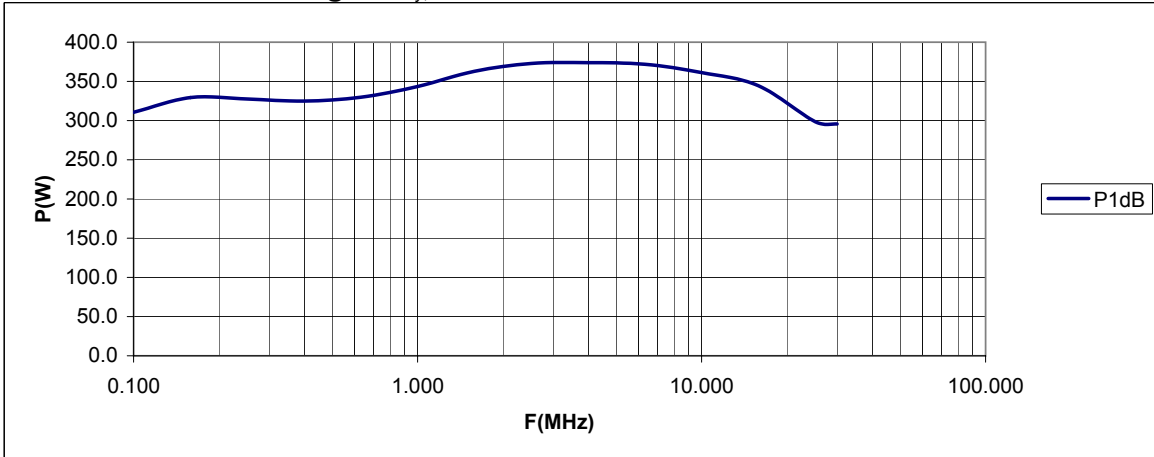
## RF Amplifier Factory Performance Certificate

|       |               |            |      |      |           |      |         |
|-------|---------------|------------|------|------|-----------|------|---------|
| Model | BTM0250alphaS | Serial No. | 6168 | Date | 26-Oct-11 | Time | 3:40 PM |
|-------|---------------|------------|------|------|-----------|------|---------|

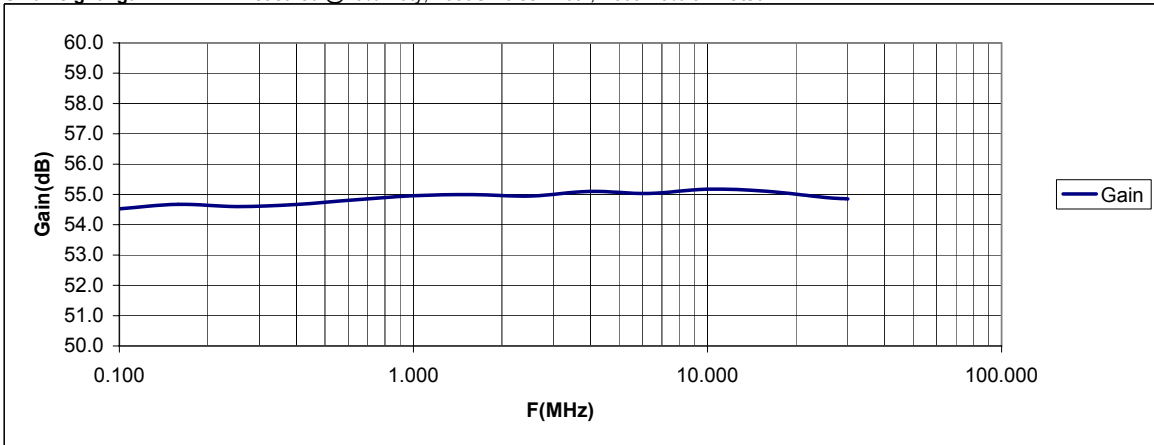
**Pout @0dBm** Measured @10% Duty, 100uS Pulse Width



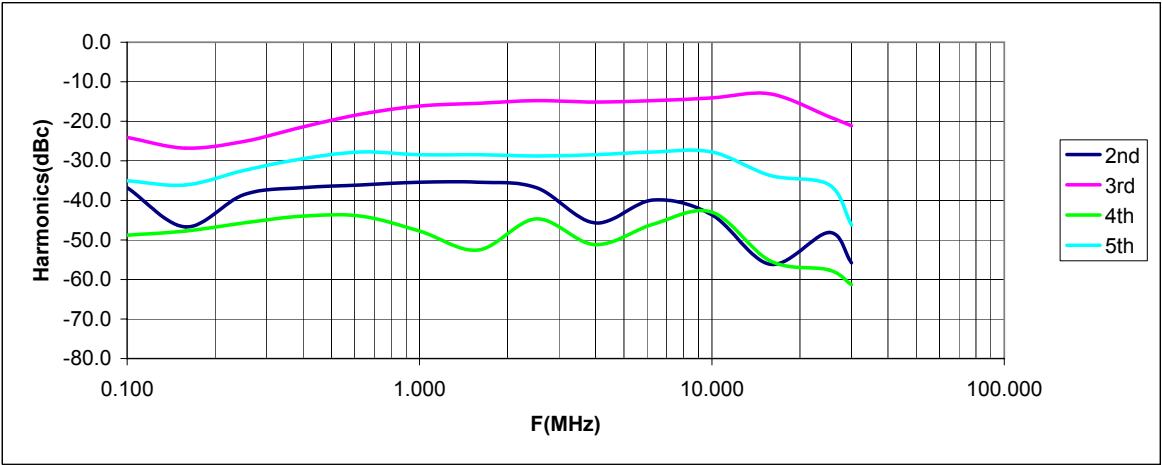
**P1dB** Measured @10% Duty, 100uS Pulse Width



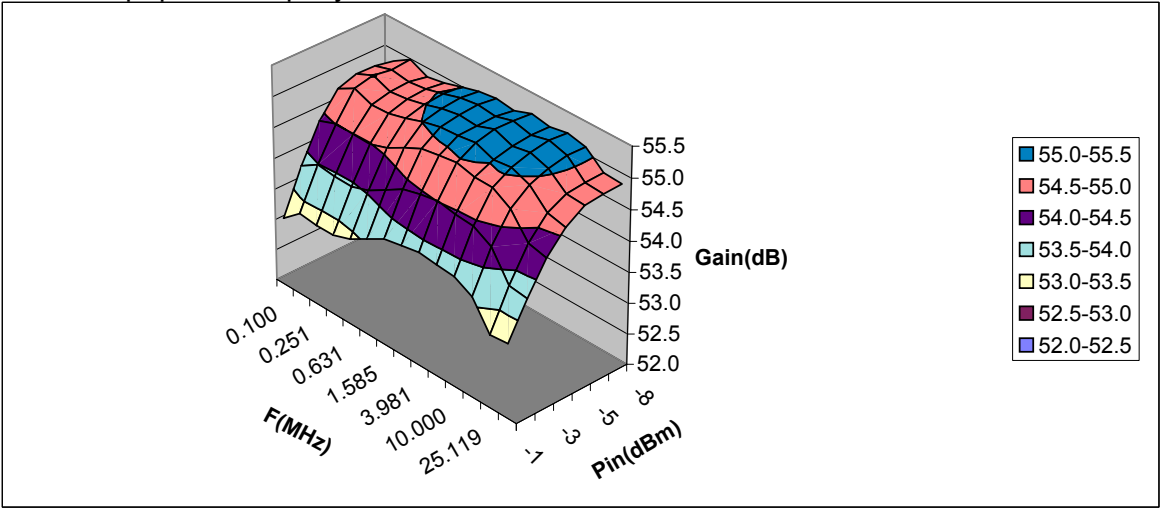
**Small signal gain** Measured @10% Duty, 100uS Pulse Width, Pout=10% of Prated



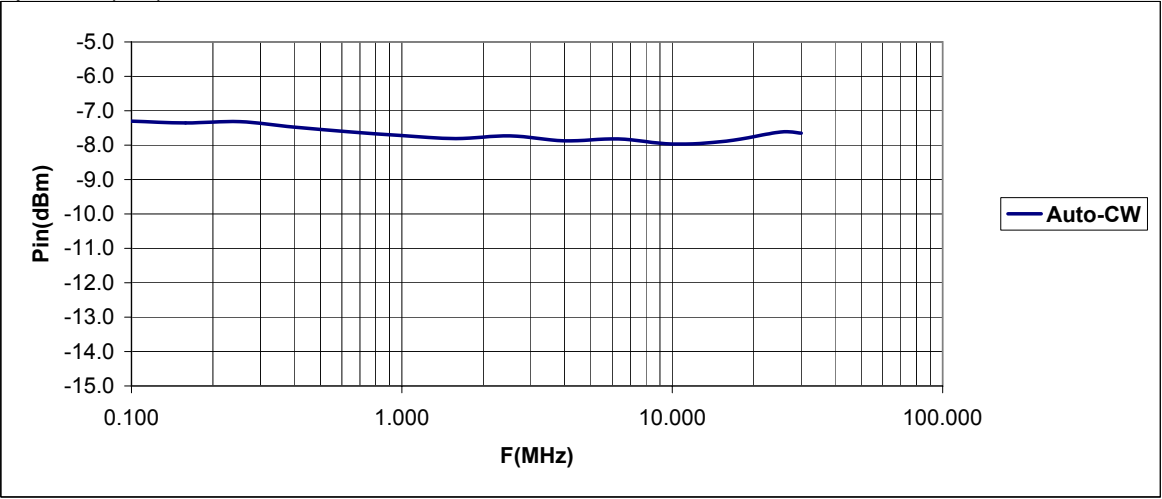
**Harmonics** Measured @ Pout = P1dB spec.



Gain versus input power and frequency



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 |