

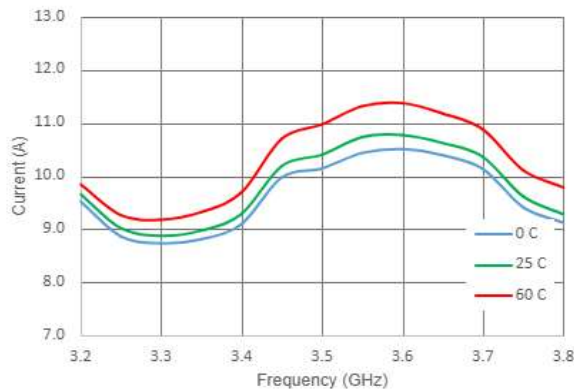
# High Power Amplifier

RFE-3G33G7100X+

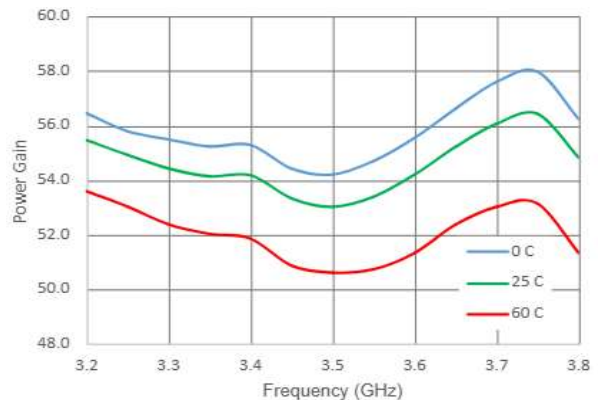
## Typical Performance Curves

CONDITION: 28V 50Ω SYSTEM

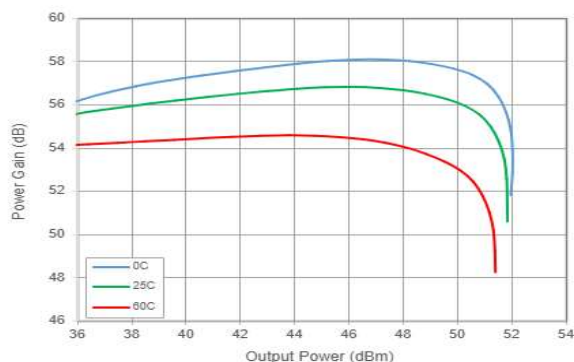
Current (A) as a function of Frequency (GHz) and  $T_{\text{BASEPLATE}}$  (°C) @100W Output Power



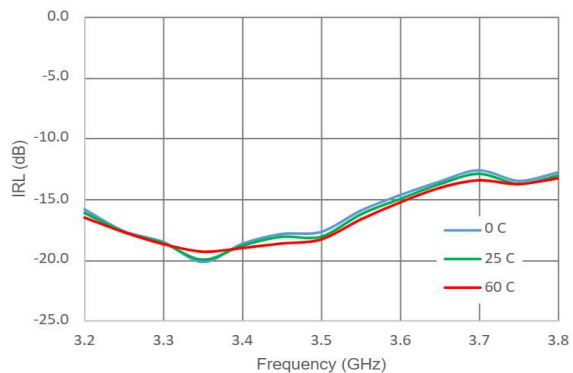
Power Gain (dB) as a function of Frequency (GHz) and  $T_{\text{BASEPLATE}}$  (°C) @100W Output Power



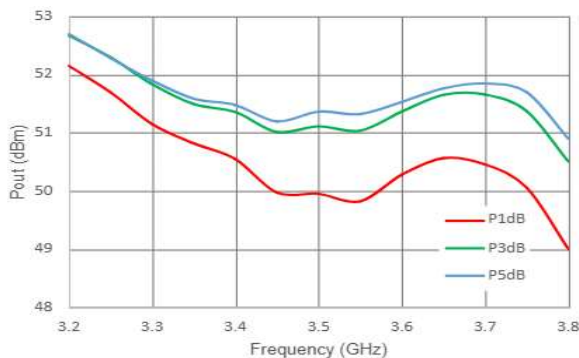
Power Gain (dB) as a function of Output Power (dBm) and  $T_{\text{BASEPLATE}}$  (°C) @ 3.7GHz for 0°C, +25°C & +65°C



Input Return loss (dB) as a function of Frequency (GHz) and  $T_{\text{BASEPLATE}}$  (°C) @100W Output Power



Output Power (dBm) at P1dB, P3dB and P5dB as a function of Frequency (GHz) at  $T_{\text{BASEPLATE}} = 25^\circ\text{C}$



Power Gain (dB) & Current (A) as function of Output Power (dBm) at  $T_{\text{BASEPLATE}} = 25^\circ\text{C}$

