

Fig. 15. The measured nominal power gain and output power per channel at 42.5 GHz versus RF input power.

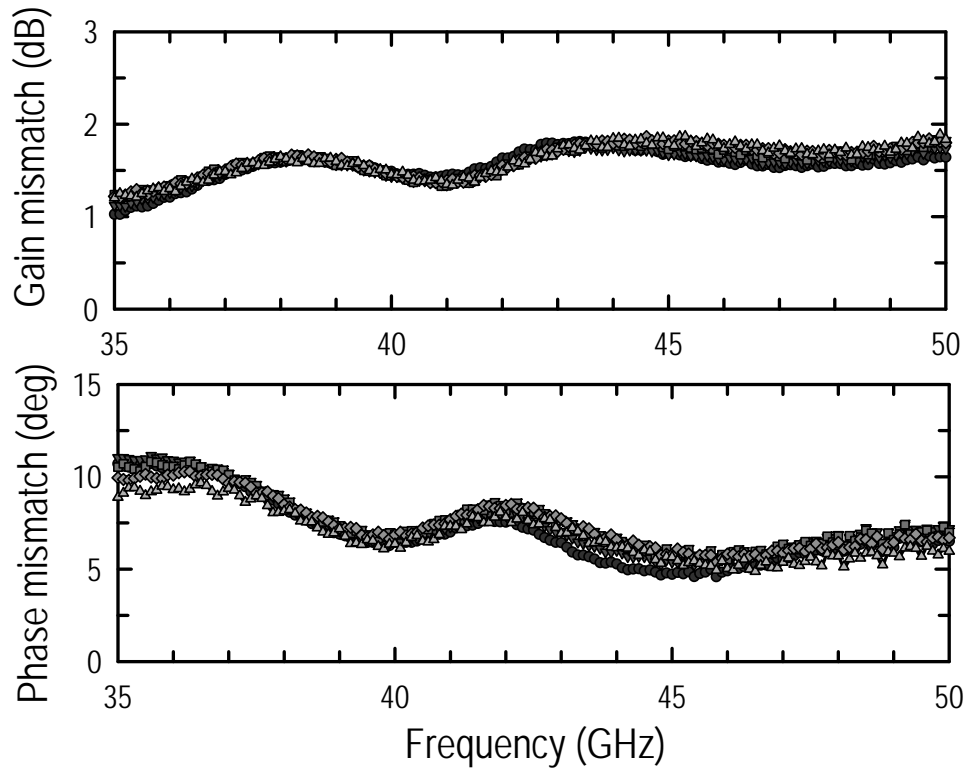


Fig. 16. The measured channel-to-channel RMS gain and phase mismatches between the 16 channels for 5 different phase states (0° , 22.5° , 45° , 67.5° and 90° -bit phase states).