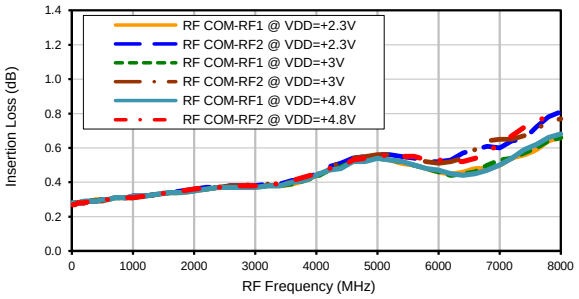
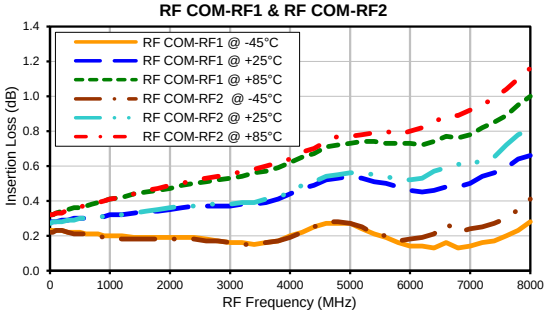
Typical Performance Curves

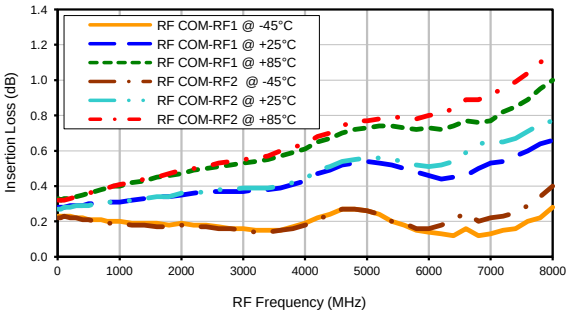
Insertion Loss vs. Frequency & VDD
RF COM-RF1 & RF COM-RF2



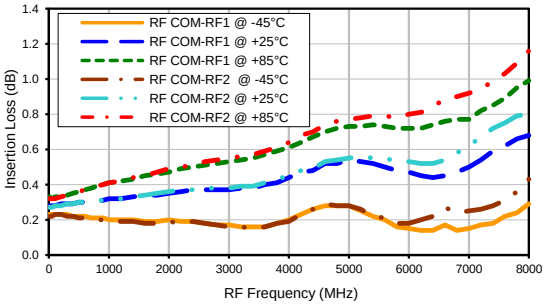
Insertion Loss vs. Frequency & Temperature
@ VDD=+2.3V
RF COM-RF1 & RF COM-RF2



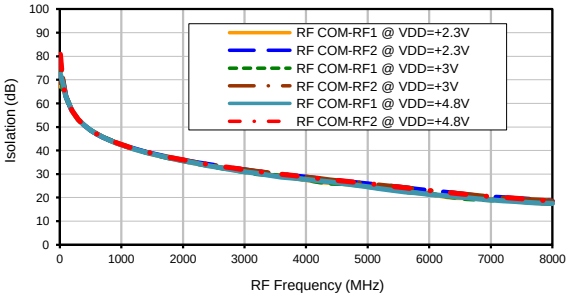
Insertion Loss vs. Frequency & Temperature
@ VDD=+3V
RF COM-RF1 & RF COM-RF2



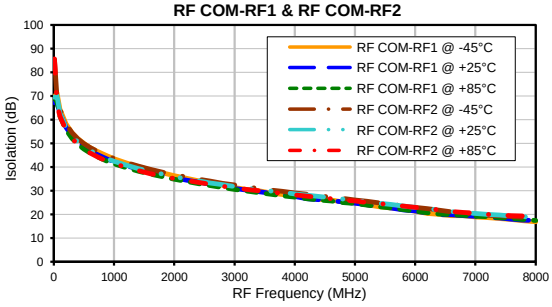
Insertion Loss vs. Frequency & Temperature
@ VDD=4.8V
RF COM-RF1 & RF COM-RF2



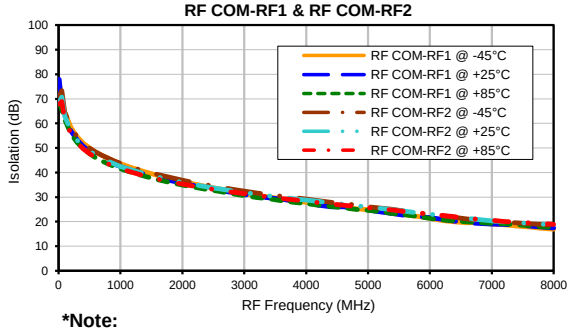
Isolation vs. Frequency & VDD
RF COM-RF1 & RF COM-RF2



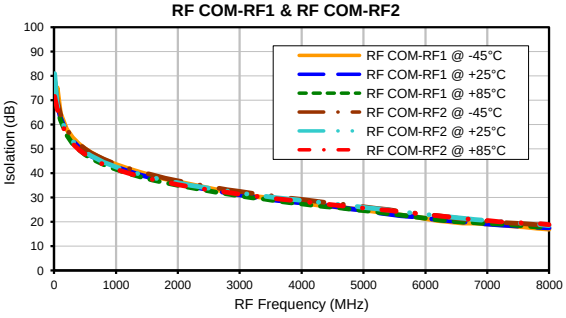
Isolation vs. Frequency & Temperature
@ VDD=+2.3V
RF COM-RF1 & RF COM-RF2



Isolation vs. Frequency &Temperature
@ VDD=+3V
RF COM-RF1 & RF COM-RF2



Isolation vs. Frequency & Temperature
@ VDD=+4.8V
RF COM-RF1 & RF COM-RF2

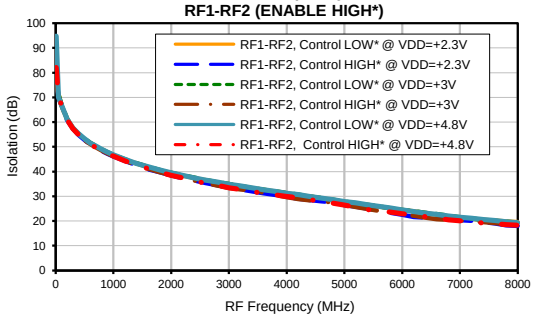


***Note:**

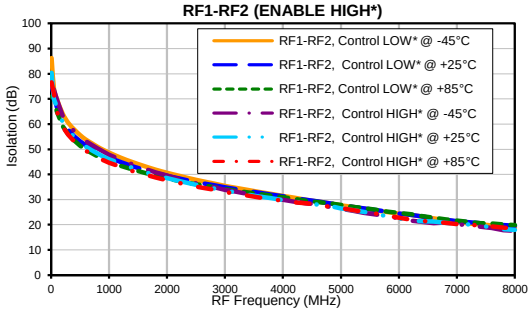
State of:		RF Common to	
Control Voltage	**Enable**	**RF1**	**RF2**
HIGH	HIGH	ON	OFF
LOW	HIGH	OFF	ON
LOW/HIGH	LOW	Shutdown	
ON - Low insertion loss state			
OFF - Isolation state			

Typical Performance Curves

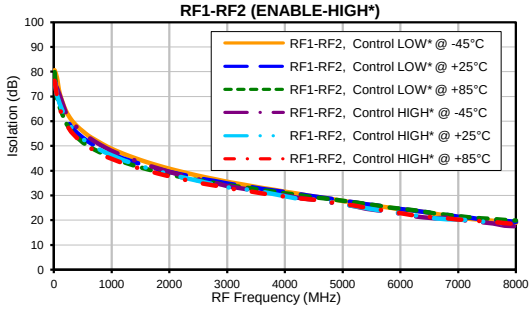
Isolation vs. Frequency & VDD
RF1-RF2 (ENABLE HIGH*)



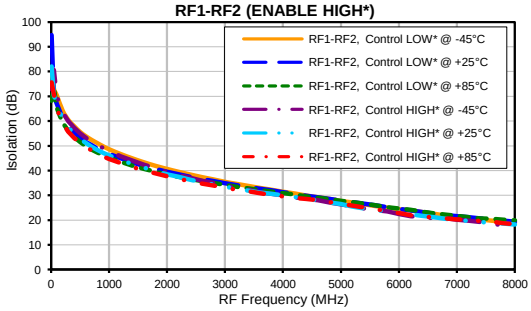
Isolation vs. Frequency & Temperature
@ VDD=+2.3V
RF1-RF2 (ENABLE HIGH*)



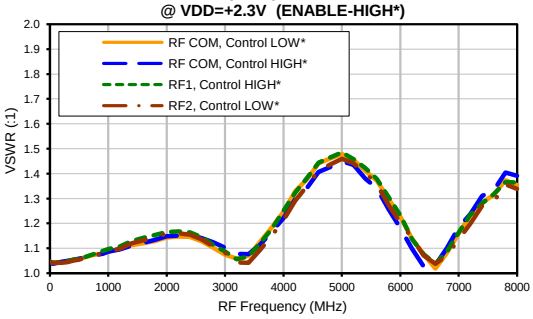
Isolation vs. Frequency & Temperature
@ VDD=+3.0V
RF1-RF2 (ENABLE-HIGH*)



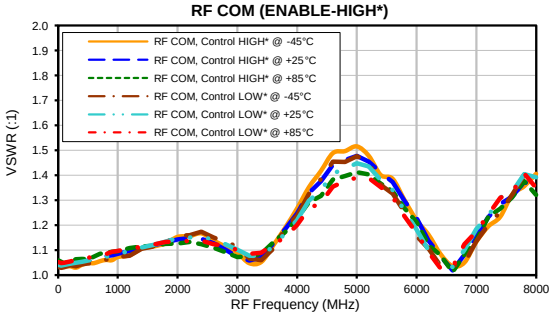
Isolation vs. Frequency & Temperature
@ VDD=+4.8V
RF1-RF2 (ENABLE HIGH*)



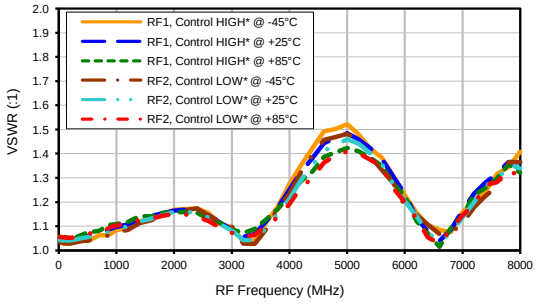
VSWR vs. Frequency; RF COM, RF1 & RF2
@ VDD=+2.3V (ENABLE-HIGH*)



VSWR vs. Frequency & Temperature; RF-COM
@ VDD=+2.3V
RF COM (ENABLE-HIGH*)



VSWR vs. Frequency & Temperature; RF1 & RF2
@VDD=+2.3V (ENABLE- HIGH*)



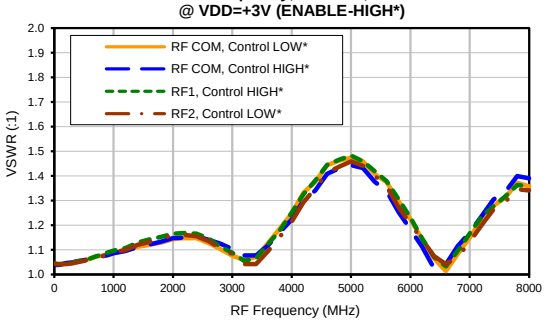
***Note:**

State of:		RF Common to	
Control Voltage	**Enable**	**RF1**	**RF2**
HIGH	HIGH	ON	OFF
LOW	HIGH	OFF	ON
LOW/HIGH	LOW	Shutdown	

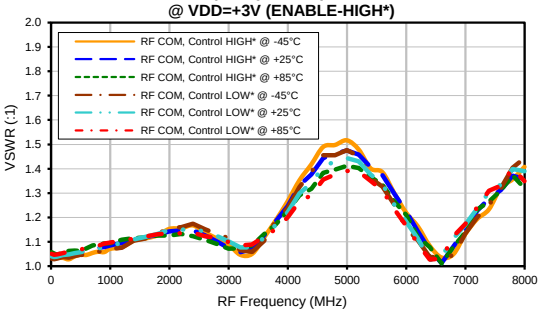
ON - Low insertion loss state
OFF - Isolation state

Typical Performance Curves

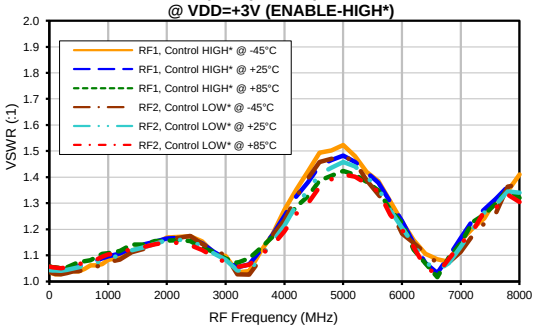
VSWR vs. Frequency; RF COM, RF1 & RF2 @ VDD=+3V (ENABLE-HIGH*)



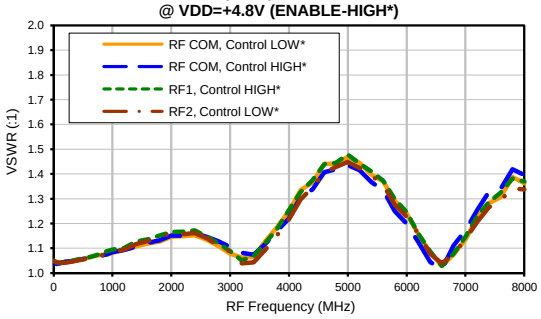
VSWR vs. Frequency & Temperature; RF COM @ VDD=+3V (ENABLE-HIGH*)



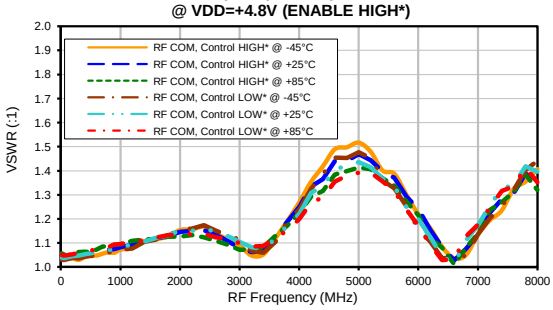
VSWR vs. Frequency & Temperature; RF1 & RF2 @ VDD=+3V (ENABLE-HIGH*)



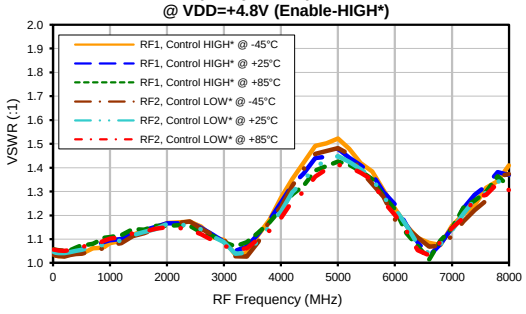
VSWR vs. Frequency; RF COM, RF1 & RF2 @ VDD=+4.8V (ENABLE-HIGH*)



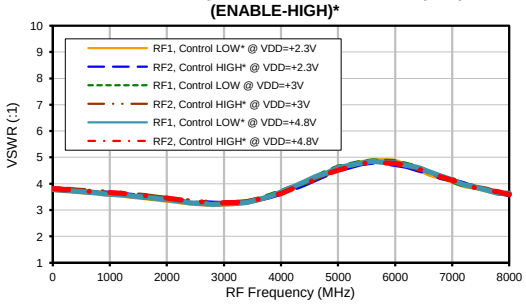
VSWR vs. Frequency & Temperature; RF COM @ VDD=+4.8V (ENABLE HIGH*)



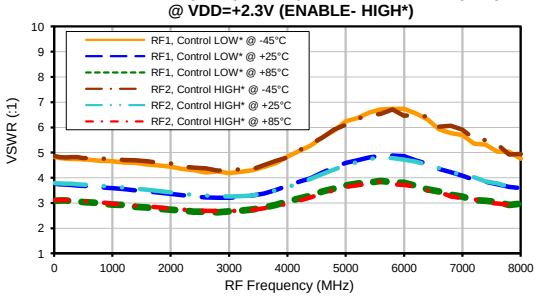
VSWR vs. Frequency & Temperature; RF1 & RF2 @ VDD=+4.8V (Enable-HIGH*)



VSWR vs. FREQUENCY & VDD; RF1 & RF2 (OFF) (ENABLE-HIGH)*



VSWR vs. Frequency & Temperature; RF1 & RF2 (OFF) @ VDD=+2.3V (ENABLE- HIGH*)

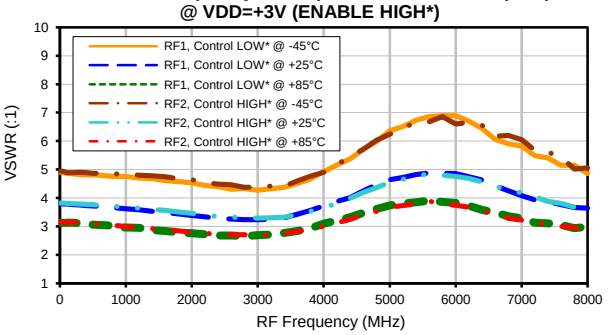


***Note:**

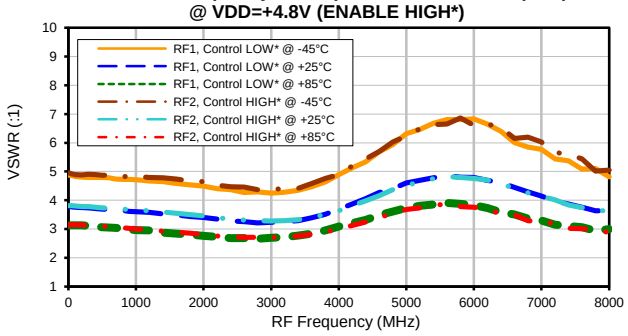
State of:		RF Common to	
HIGH	Enable	RF1	RF2
HIGH	HIGH	ON	OFF
LOW	HIGH	OFF	ON
LOW/HIGH	LOW	Shutdown	
ON - Low insertion loss state			
OFF - Isolation state			

Typical Performance Curves

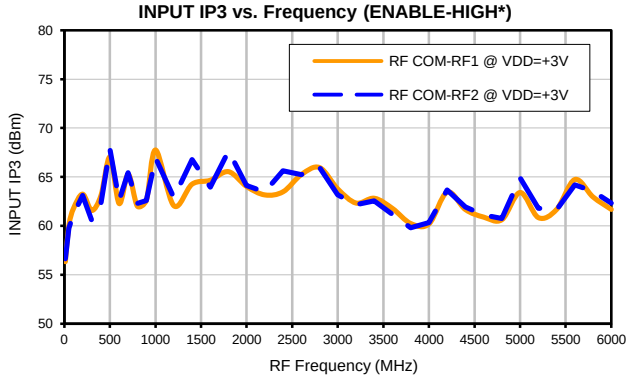
VSWR vs. Frequency & Temperature; RF1 & RF2 (OFF) @ VDD=+3V (ENABLE HIGH*)



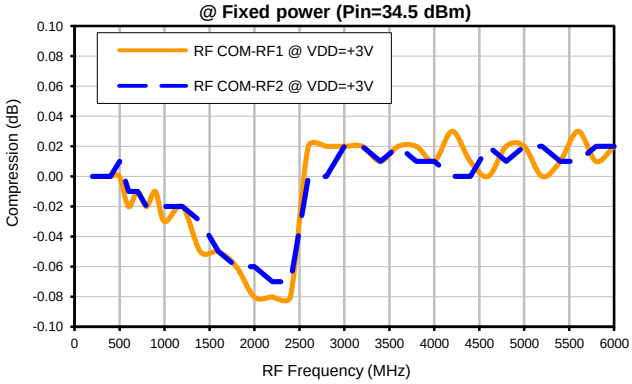
VSWR vs. Frequency & Temperature; RF1 & RF2 (OFF) @ VDD=+4.8V (ENABLE HIGH*)



INPUT IP3 vs. Frequency (ENABLE-HIGH*)



COMPRESSION vs. Frequency @ Fixed power (Pin=34.5 dBm)



***Note:**

State of:		RF Common to	
Control Voltage	**Enable**	**RF1**	**RF2**
HIGH	HIGH	ON	OFF
LOW	HIGH	OFF	ON
LOW/HIGH	LOW	Shutdown	
ON - Low insertion loss state OFF - Isolation state			