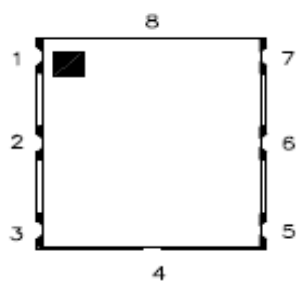




	<u>MIN</u>	<u>TYP</u>	<u>MAX</u>	<u>UNITS</u>	<u>NOTES</u>	<u>Production Test</u>	<u>First Article Test</u>
Frequency Range	1618		1797	MHz	1	..	..
Tuning Voltage	0		6	V	1,8	..	..
Vtune @ 1618MHz	1	1.5		V	1	..	..
Vtune @ 1797MHz		3.5	4	V	1	..	..
Modulation Sensitivity	75		95	MHz/V	1	..	..
Operates with Vtune = 0V					1	..	..
Output Power	1	3	5	dBm	1	..	..
Phase Noise @							
1 KHz Offset		-65	-60	dBc/Hz	3	..	..
10 KHz Offset		-95	-90	dBc/Hz	1	..	..
100 KHz Offset		-117	-112	dBc/Hz	1	..	..
1 MHz Offset		-137	-134	dBc/Hz	1	..	..
10 MHz Offset		-157	-154	dBc/Hz	1	..	..
Pushing		3	5	MHz/V	3	..	..
Pulling (12dB RL, any phase)		1	3	MHz _{p-p}	3	..	..
Modulation Bandwidth		-		MHz	4	..	..
Tuning Port Capacitance		22		pF	2	..	..
Harmonics		-15	-10	dBc	3	..	..
Vcc	4.75	5.00	5.25	V	1	..	..
Icc		25	30	mA	1	..	..
Operating Temperature	-40		+90	C	3	..	..
Storage Temperature	-55		+125	C	3	..	..
Package		Smxy			6,7	..	..
LxW		0.374		inch sq.	5	..	..
Height		0.110		inch	5	..	..

Notes

1. Tested in production, and guaranteed
2. Per current design, not a tested parameter
3. Sample tested from production lot
4. Not a tested or guaranteed design goal
5. By inspection
6. See attached mechanical
7. Solder mask on bottom layer
8. Unit must operate with continuous positive voltage to frequency slope under all operating conditions



.110± .020

PIN OUT FOR VCO	
PIN	APPLICATION
1	Vt
3	VCC
5	RF OUT
7	MODULATION (OPT)

ALL OTHER PINS ARE GROUND

