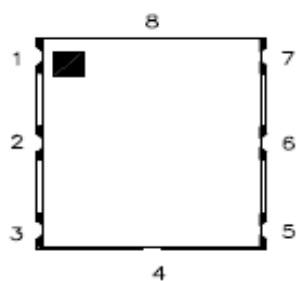




	<u>MIN</u>	<u>TYP</u>	<u>MAX</u>	<u>UNITS</u>	<u>NOTES</u>	<u>Production Test</u>	<u>First Article Test</u>
Frequency Range	1735		1995	MHz	1	..	..
Tuning Voltage	0		11	V	1	..	..
Vtune @ 1735MHz	1	2.5		V	1	..	..
Vtune @ 1995MHz		8.3	9	V	1	..	..
Modulation Sensitivity	40		58	MHz/V	1	..	..
Operates with Vtune = 0V					1	..	..
Output Power	3	5	7	dBm	1	..	..
Phase Noise @							
1 KHz Offset		-69	-64	dBc/Hz	3	..	..
10 KHz Offset		-99	-94	dBc/Hz	1	..	..
100 KHz Offset		-120	-114	dBc/Hz	1	..	..
1 MHz Offset		-140	-135	dBc/Hz	1	..	..
10 MHz Offset		-160	-154	dBc/Hz	1	..	..
Pushing		1	2.5	MHz/V	3	..	..
Pulling (12dB RL, any phase)		6	10	MHz _{p-p}	3	..	..
Modulation Bandwidth		-		MHz	4	..	..
Tuning Port Capacitance		33		pF	2	..	..
Harmonics		-15	-10	dBc	3	..	..
Vcc	4.75	5.00	5.25	V	1	..	..
Icc		21	30	mA	1	..	..
Operating Temperature	-40		+90	C	3	..	..
Package		Smxy			6	..	..
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. RoHS Compliant



.110± .020

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

ALL OTHER PINS ARE GROUND

