


 rev_0
 rev_1

 initial rev
 Kv,Pull,Vcc
 TPC,Icc,Mask

	<u>MIN</u>	<u>TYP</u>	<u>MAX</u>	<u>UNITS</u>	<u>NOTES</u>	<u>Production</u> <u>Test</u>	<u>First Article</u> <u>Test</u>
Frequency Range		1600		MHz	1	..	..
Tuning Voltage @ +25°C	0.5		4.5	V	1	..	..
Modulation Sensitivity	1	2	4	MHz/V	1	..	..
Operates with Vtune = 0V					1	..	..
Output Power	3	5	7	dBm	1	..	..
Phase Noise @							
1 KHz Offset		-98	-93	dBc/Hz	1	..	..
10 KHz Offset		-125	-120	dBc/Hz	1	..	..
100 KHz Offset		-145	-140	dBc/Hz	1	..	..
1 MHz Offset		-164	-155	dBc/Hz	1	..	..
10 MHz or greater Offset		-164	-155	dBc/Hz	1	..	..
Pushing		0.1	0.2	MHz/V	3	..	..
Pulling (12dB RL, any phase)		1	3	MHz _{p-p}	3	..	..
3dB Modulation Bandwidth		1		MHz	4	..	..
Tuning Port Capacitance		47	100	pF	2	..	..
Harmonics		-15	-10	dBc	3	..	..
Vcc	4.75	5.00	5.25	V		..	..
Icc	25	30	35	mA	1	..	..
Operating Temperature	-40		+85	°C	3	..	..
Package		SMUA			6,10		
LxW		0.500		inch sq.	5	..	..
Height		0.180		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
7. Conformal Coated
8. Foam Filled
9. Foam Filled & Conformal Coated
10. Bottom of pcb has solder mask
11. Design goal subject to change