



	<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		800		MHz	1	..	..
Tuning Voltage	0.5		4.5	V	1	..	..
Modulation Sensitivity		2.0		MHz/V	1,6	..	..
Operates with Vtune = 0V					1	..	..
Output Power	0	2	4	dBm	1	..	..
Phase Noise @							
100 Hz Offset		-76		dBc/Hz	1	..	..
1 KHz Offset		-101		dBc/Hz	1	..	..
10 KHz Offset		-127		dBc/Hz	1	..	..
100 KHz Offset		-147		dBc/Hz	1	..	..
1 MHz Offset		-152		dBc/Hz	1	..	..
10 MHz Offset		-152		dBc/Hz	1	..	..
Pushing		0.1		MHz/V	3	..	..
Pulling (12dB RL, any phase)		0.2		MHz _{p-p}	3	..	..
Modulation Bandwidth		1		MHz	4	..	..
Tuning Port Capacitance		47		pF	2	..	..
Harmonics		-12	-7	dBc	3	..	..
Vcc	4.875	5.000	5.125	V	1	..	..
Icc		50		mA	1	..	..
Operating Temperature	-40		+85	C	3	..	..
Package		SMUA				..	..
LxW		0.500		inch sq.	5	..	..
Height			0.120	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. Design goal subject to change