



	<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	2500		3000	MHz	1	☐	☐
Tuning Voltage	2		12	V	1	☐	☐
Modulation Sensitivity		56		MHz/V	3	☐	☐
Operates with Vtune = 0V					3	☐	☐
Output Power	-2	0	2	dBm	1	☐	☐
Phase Noise @							
1 KHz Offset		-75	-70	dBc/Hz	2	☐	☐
10 KHz Offset		-100	-95	dBc/Hz	3	☐	☐
100 KHz Offset		-120	-115	dBc/Hz	2	☐	☐
1MHz Offset		-140	-135	dBc/Hz	2	☐	☐
10 MHz Offset		-160	-155	dBc/Hz	2	☐	☐
Pushing		1.5	3	MHz/V	3		☐
Pulling (12 dB R.L.)		1.5	3	MHz	3		☐
Modulation Bandwidth		5		MHz	4		
Tuning Port Capacitance		20		pF	2		
Harmonics		-15	-10	dBc	3		☐
Vcc		8		V	5		☐
Icc		28		mA	5	☐	☐
Operating Temperature	-40		+85	C	3		☐
Package		SMUA					
LxW		0.500		inch sq.	5	☐	☐
Height		0.220		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