



	<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	87.4		109.4	MHz	1	..	..
Tuning Voltage	1		12	V	1	..	..
Modulation Sensitivity		3		MHz/V	1	..	..
Operates with Vtune = 0V					1	..	..
Output Power	8	9	10	dBm	1	..	..
Phase Noise @							
1 KHz Offset		-105	-100	dBc/Hz	1	..	..
10 KHz Offset		-130	-125	dBc/Hz	1	..	..
100 KHz Offset		-150	-145	dBc/Hz	1	..	..
1MHz offset		-164	-159	dBc/Hz	1	..	..
Pushing		0.05		MHz/V	3	..	..
Pulling (12 dB R.L.)		0.1		MHz	3	..	..
Modulation Bandwidth		1		MHz	4	..	..
Tuning Port Capacitance		1000		pF	2	..	..
Harmonics		-25	-15	dBc	3	..	..
Vcc		5.0		V	5	..	..
Icc		15		mA	1	..	..
Operating Temperature	-40		+85	C	3	..	..
Package		SMUA(D14)			6	..	..
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
6. RoHS Compliant
7. Design goal subject to change
8. Foam filled