



	<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	75.0	112	150	MHz	1	..	..
Tuning Voltage @ 75 MHz	1	1.5		V	1	..	..
Tuning Voltage @ 150 MHz		14.6	16	V	1	..	..
Modulation Sensitivity	4	6	8	MHz/V	1,7	..	..
Operates with Vtune = 0V					1	..	..
Output Power	-3	0	3	dBm	1	..	..
Phase Noise @							
1 KHz Offset		-88	-82	dBc/Hz	1	..	..
10 KHz Offset		-118	-112	dBc/Hz	1	..	..
100 KHz Offset		-138	-132	dBc/Hz	1	..	..
1 MHz Offset		-158	-152	dBc/Hz	1	..	..
10 MHz Offset		-165	-159	dBc/Hz	1	..	..
Pushing		0.5	2	MHz/V	3	..	..
Pulling (12dB RL, any phase)		0.4	1	MHz _{p-p}	3	..	..
Tuning Port Capacitance		330		pF	2	..	..
2nd Harmonic		-20	-10	dBc	3	..	..
3rd Harmonic		-12	-8	dBc	3	..	..
Vcc	4.75	5.00	5.25	V			
Icc		10	15	mA	1	..	..
Operating Temperature	-35		+85	C	3	..	..
Package		SMUA_MOD			6	..	..
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. Design goal subject to change