



	<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	5000		6700	MHz	1	..	..
Tuning Voltage	1		14	V	1	..	..
Modulation Sensitivity		150		MHz/V	1	..	..
Operates with Vtune = 0V					1	..	..
Output Power - Fundamental	-3	0	3	dBm	1	..	..
Output Power - Half Frequency	-10	-5	0	dBm	3	..	..
Phase Noise @							
1 KHz Offset		-63	-58	dBc/Hz	1	..	..
10 KHz Offset		-90	-85	dBc/Hz	1	..	..
100 KHz Offset		-110	-105	dBc/Hz	1	..	..
1 MHz Offset		-130	-125	dBc/Hz	1	..	..
10 MHz Offset		-150	-145	dBc/Hz	1	..	..
Pushing		2	5	MHz/V	3	..	..
Pulling (12dB RL, any phase)		2		MHz _{p-p}	3	..	..
Modulation Bandwidth		1		MHz	4	..	..
Tuning Port Capacitance		47		pF	2	..	..
Harmonics		-18	-14	dBc	3	..	..
Sub-Harmonics		-25	-10	dBc	3	..	..
Vcc		5.0		V		..	..
Icc		55		mA	1	..	..
Operating Temperature	-40		+85	C	3	..	..
Package		SMUA_DBL				..	..
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

sig date

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