



	<u>MIN</u>	<u>TYP</u>	<u>MAX</u>	<u>UNITS</u>	<u>NOTES</u>	Production <u>Test</u>	First Article <u>Test</u>
Frequency Range	1850		1940	MHz	1	..	..
Tuning Voltage	0.5		4.5	V	1	..	..
Modulation Sensitivity		36		MHz/V	1	..	..
Operates with Vtune = 0V					1	..	..
Output Power	1	3	5	dBm	1	..	..
Phase Noise @							
1 KHz Offset		-80	-75	dBc/Hz	1	..	..
10 KHz Offset		-105	-100	dBc/Hz	1	..	..
100 KHz Offset		-125	-120	dBc/Hz	1	..	..
1 MHz Offset		-145	-140	dBc/Hz	1	..	..
10 MHz Offset		-164	-155	dBc/Hz	1	..	..
Pushing		1	2	MHz/V	3	..	..
Pulling (12dB RL, any phase)		3	5	MHz _{p-p}	3	..	..
Frequency Drift with Temperature							
@ -40C		8		MHz	3	..	..
@ +85C		8		MHz	3	..	..
Modulation Bandwidth		1		MHz	4	..	..
Tuning Port Capacitance		47		pF	2	..	..
Harmonics		-20	-15	dBc	3	..	..
Vcc		5		V			
Icc		19		mA	1	..	..
Operating Temperature	-40		+85	C	3	..	..
Storage Temperature	-55		+125	C	3	..	..
Package		SMUA			6	..	..
LxW		0.500		inch sq.	5	..	..
Height		0.135		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