



R319345S12

rev_0
rev_1

initial rev
Spec updated
to reflect latest
performance

	<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	3193		3447	MHz	1	☐	☐
Tuning Voltage	0.5		19	V	1	☐	☐
Modulation Sensitivity		35		MHz/V	3	☐	☐
Operates with Vtune = 0V					1	☐	☐
Output Power	-1	0	3	dBm	1	☐	☐
Phase Noise @ 10 KHz							
1 KHz Offset		-80	-75	dBc/Hz	3	☐	☐
10 KHz Offset		-105	-100	dBc/Hz	1	☐	☐
100 KHz Offset		-125	-120	dBc/Hz	3	☐	☐
1 MHz Offset		-145	-140	dBc/Hz	3	☐	☐
10 MHz Offset		-164	-159	dBc/Hz	3	☐	☐
Pushing			3.5	MHz/V	3		☐
Pulling			1	MHz	3		☐
Modulation Bandwidth		N/A		MHz	4		
Harmonics			-20	dBc	3		☐
Vcc	11.75	12	12.25	V	1	☐	☐
Icc		28	35	mA	1	☐	☐
Operating Temperature	-40		+85	C	3		☐
Package		0.910		inch sq.	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