R210212SMUA8CR

rev_0	initial rev

	MIN	TYP	MAX	UNITS	NOTES	Production Test	First Article Test
Frequency Range	2100		2120	MHz	1	..	..
Tuning Voltage	0.5		4.5	V	1	..	..
Modulation Sensitivity		9.5		MHz/V	1	..	..
Operates with Vtune = 0V					1	..	..
Output Power	5	7	9	dBm	1	..	..
Phase Noise @							
1 KHz Offset		-95	-90	dBc/Hz	1	..	..
10 KHz Offset		-120	-115	dBc/Hz	1	..	..
100 KHz Offset		-140	-135	dBc/Hz	1	..	..
1 MHz Offset		-160	-155	dBc/Hz	1	..	..
10 MHz Offset		-164	-159	dBc/Hz	1	..	..
Pushing		0.2	0.5	MHz/V	3	..	..
Pulling (12dB RL, any phase)		1	2	MHz_{p-p}	3	..	..
Modulation Bandwidth		1		MHz	4	..	..
Tuning Port Capacitance		28		pF	2	..	..
Harmonics		-12	-8	dBc	3	..	..
Vcc		8.0		V	1		
Icc		29		mA	1,10	..	..
Operating Temperature	-40		+85	C	3	..	..
Package		SMUA			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. Parylene Conformal Coating
8. Foam Filled
9. Conformal Coating and Foam Fill
10. Design goal subject to change