



	<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	211.0		217.1	MHz	1	..	..
Tuning Voltage	1		4	V	1	..	..
Modulation Sensitivity		2		MHz/V	1,7	..	..
Operates with Vtune = 0V					1	..	..
Output Power	-3	0		dBm	1	..	..
Phase Noise @							
10 KHz Offset		-121	-117	dBc/Hz	1	..	..
12.5 KHz Offset		-123	-119	dBc/Hz	1	..	..
25 KHz Offset		-129	-125	dBc/Hz	1	..	..
100 KHz Offset		-141	-137	dBc/Hz	1	..	..
1 MHz Offset		-161	-157	dBc/Hz	1	..	..
10 MHz Offset		-170	-166	dBc/Hz	1	..	..
Pushing		0.7	2	MHz/V	3,7	..	..
Pulling (12dB RL, any phase)		0.7	2	MHz _{p-p}	3,7	..	..
Spurious @ offset							
10 ~ 15 KHz			-75	dBc	3	..	..
15 ~ 50 KHz			-90	dBc	3	..	..
1 ~ 10 MHz			-95	dBc	3	..	..
Tuning Port Capacitance		330		pF	2	..	..
Harmonics		-13	-8	dBc	3,7	..	..
Vcc	4.75	5.00	5.25	V		..	..
Icc		15	30	mA	1	..	..
Operating Temperature	-15		+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