

Voltage Controlled Oscillator

ROS-ED12913/1

Typical Performance Data

V TUNE	TUNE SENS (MHz/V)	FREQUENCY (MHz)			POWER OUTPUT (dBm)			HARMONICS (dBc)			FREQ. PUSH (MHz/V)	FREQ OFFSET (KHz)	PHASE NOISE (dBc/Hz)
		-55°C	+25°C	+85°C	-55°C	+25°C	+85°C	F2	F3	F4			
1.0	47.95	881.1	874.3	868.6	1.57	1.84	1.52	-15.39	-29.20	-38.74	0.37	1	-81
2.0	47.86	928.6	921.9	916.2	1.61	1.85	1.56	-16.74	-26.73	-33.93	0.54	10	-106
3.0	49.26	977.6	970.7	964.9	1.65	1.83	1.51	-18.41	-23.51	-34.10	0.64	100	-126
4.0	48.57	1026.9	1019.8	1014.1	1.69	1.85	1.51	-21.80	-21.95	-34.94	0.72	1000	-146
5.0	46.14	1074.5	1067.3	1061.4	1.80	1.84	1.35	-25.97	-20.40	-34.15	0.99		
6.0	42.69	1118.7	1111.6	1105.6	2.00	1.71	1.13	-22.30	-19.62	-30.93	1.18		
7.0	39.47	1159.6	1152.5	1146.6	1.89	1.48	0.85	-17.76	-19.59	-28.76	1.22		
8.0	36.81	1197.5	1190.5	1184.9	1.76	1.27	0.53	-14.99	-19.96	-26.40	1.01		
9.0	33.35	1231.8	1225.3	1220.4	2.05	1.41	0.65	-13.10	-19.93	-25.41	0.60		
10.0	32.60	1264.6	1258.5	1254.0	2.03	1.36	0.57	-11.52	-17.56	-25.14	0.19		
11.0	31.45	1296.2	1290.5	1286.4	2.02	1.32	0.30	-10.87	-17.25	-25.58	0.31		
12.0	30.29	1326.9	1321.5	1317.7	1.79	1.08	0.04	-10.39	-16.74	-25.40	0.78		
13.0	29.19	1356.4	1351.2	1347.5	1.61	1.00	0.37	-10.30	-15.04	-25.42	1.18		