

Voltage Controlled Oscillator

POSA-158+

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	2.90	133.9	133.3	132.7	3.92	3.49	3.01	-30.8	-48.3	-46.7	0.01	0.1	-72
2.0	2.20	136.1	135.5	134.9	4.30	3.87	3.37	-32.0	-48.7	-46.7	0.02	1	-100
3.0	2.00	138.1	137.4	136.9	4.63	4.20	3.70	-33.2	-48.9	-47.0	0.02	10	-125
4.0	2.00	140.1	139.4	138.8	4.94	4.49	4.00	-34.3	-48.7	-47.0	0.03	100	-145
5.0	2.00	142.1	141.4	140.8	5.22	4.78	4.28	-35.5	-48.1	-47.3	0.03	1000	-163
6.0	2.20	144.3	143.6	142.9	5.48	5.04	4.54	-36.5	-48.4	-47.5	0.04		
7.0	2.30	146.7	145.9	145.2	5.70	5.28	4.78	-37.6	-48.4	-47.4	0.04		
8.0	2.50	149.3	148.4	147.7	5.81	5.41	4.93	-38.7	-48.1	-47.4	0.04		
9.0	2.70	152.0	151.2	150.4	5.76	5.40	4.94	-39.7	-47.9	-47.4	0.03		
10.0	2.90	154.8	154.0	153.3	5.51	5.20	4.77	-40.7	-46.9	-47.0	0.02		
11.0	2.90	157.8	157.0	156.2	5.05	4.79	4.41	-41.3	-46.4	-47.6	0.02		
12.0	3.00	160.8	160.0	159.2	4.37	4.17	3.86	-41.8	-44.8	-47.1	0.02		
13.0	3.00	163.9	163.0	162.2	3.54	3.39	3.13	-42.0	-43.4	-47.7	0.03		
14.0	3.10	166.9	166.1	165.3	2.58	2.51	3.26	-42.0	-42.2	-48.0	0.03		
15.0	3.10	170.0	169.2	168.3	1.58	1.56	1.34	-41.7	-40.7	-48.2	0.01		
16.0	3.00	172.9	172.1	171.3	0.62	0.61	0.41	-41.8	-29.6	-49.3	0.03		